

Japan Test Report

Equipment : Sterling-LWB5 Module
Model No. : 450-0168, 450-0169
(Refer to item 1.1.1 for more details)
Brand Name : Laird
Applicant : Laird Technologies
Address : W66N220 Commerce Court, Cedarburg,
Wisconsin 53012, USA
Standard : Article 2 Paragraph 1 Item 19-3
Article 2 Paragraph 1 Item 19-3-2
Received Date : May 23, 2018
Tested Date : May 26 ~ May 30, 2018

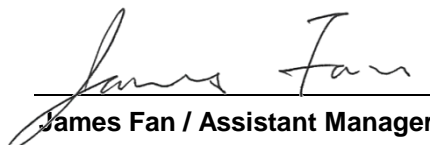
Measurement was conducted by the following test method:
the test method of Ordinance Concerning Technical Regulations Conformity Certification
etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and
Communication notification in Annex "45" of Article 88, Paragraph 1 and ARIB STD-T71

Test Method for 802.11ac:

Measurement was conducted by the temporary test method which DSPResearch, Inc.
submitted to the Minister for Internal Affairs and Communications based on the Ordinance
Concerning Technical Regulations Conformity Certification etc. of Specified Radio
Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in
Article 88, Paragraph 2

We, International Certification Corp., would like to declare that the tested sample has been
evaluated and in compliance with the requirement of the above standards. The test results
contained in this report refer exclusively to the product. It may be duplicated completely for
legal use with the approval of the applicant. It shall not be reproduced except in full without
the written approval of our laboratory.

Reviewed by:


James Fan / Assistant Manager

Approved by:


Gary Chang / Manager

Table of Contents

1	GENERAL DESCRIPTION	6
1.1	Information.....	6
1.2	Test Equipment and Calibration Data	11
1.3	Testing Applied Standards	11
1.4	Measurement Uncertainty	11
2	TEST CONFIGURATION	12
2.1	Testing Location and Conditions	12
2.2	Supporting Units	12
2.3	The Worst Test Modes and Channel Details	12
3	TRANSMITTER TEST RESULTS.....	13
3.1	Antenna Power	13
3.2	Frequency Tolerance	15
3.3	Occupied Bandwidth	16
3.4	Transmitter Spurious Emissions.....	17
3.5	Adjacent Channel Emitted Power.....	18
3.6	Out-Band Leakage Power	19
3.7	Burst Length	23
3.8	Carrier Sense Measurement	24
3.9	Interference prevention function	25
4	RECEIVER TEST RESULTS	26
4.1	Receiver Spurious Emissions.....	26
5	PHOTOGRAPHS OF THE TEST CONFIGURATION	27
6	TEST LABORATORY INFORMATION	28

APPENDIX A.1 TEST RESULTS FOR ANTENNA POWER

APPENDIX A.2 TEST RESULTS FOR ANTENNA POWER

APPENDIX A.3 TEST RESULTS FOR ANTENNA POWER

APPENDIX B. TEST RESULTS FOR FREQUENCY TOLERANCE

APPENDIX C. TEST RESULTS FOR OCCUPIED BANDWIDTH

APPENDIX D. TEST RESULTS FOR TRANSMITTER SPURIOUS EMISSIONS

APPENDIX E. TEST RESULTS FOR ADJACENT CHANNEL EMITTED POWER

APPENDIX F. TEST RESULTS FOR OUT-BAND LEAKAGE POWER

APPENDIX G. TEST RESULTS FOR BURST LENGTH

APPENDIX H. TEST RESULTS FOR CARRIER SENSE MEASUREMENT

APPENDIX I. TEST RESULTS FOR INTERFERENCE PREVENTION FUNCTION

APPENDIX J. TEST RESULTS FOR RECEIVER SPURIOUS EMISSIONS

APPENDIX K. ANTENNA INFORMATION

Release Record

Report No.	Version	Description	Issued Date
JR770305-01AN	Rev. 01	Initial issue	Oct. 08, 2018

Summary of Test Results

Ref. Std. Clause	Description	Result
3.1.2(2)	Antenna Power	Pass
3.1.2(3)	Tolerance for Antenna Power	Pass
3.1.2(4)	Frequency Tolerance	Pass
3.1.2(5)	E.I.R.P	Pass
3.1.2(7)	Transmission Burst Length	Pass
3.1.2(8)	Unwanted Emission Strength	Pass
3.1.2(9)	Adjacent Channel Emitted Power	Pass
3.1.2(10)	Out - Band Leakage Power	Pass
3.1.2(11)	Occupied Bandwidth	Pass
3.1.3	Secondary Radiated Emissions	Pass
3.1.4.1	Interference prevention function	Pass
3.1.7	Carrier Sense	Pass

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
Laird	450-0168	Sterling-LWB5 Module	U.FL Module
	450-0169		Chip Antenna Module

1.1.2 Specification of the Equipment under Test (EUT)

Power Type	3.3Vdc from host
Type(s) of Modulation / Technology	256QAM, 64QAM, 16QAM, QPSK, BPSK / OFDM
Frequency Range (MHz)	5150~5250, 5250~5350, 5470~5725
Operating Mode: IEEE Std. 802.11 / Data rate (Mbps)	802.11a: Up to 54 Mbps 802.11n HT 20 (MCS 0~7) 802.11n HT 40 (MCS 0~7) 802.11ac VHT 20 (MCS 0~9) 802.11ac VHT 40 (MCS 0~9) 802.11ac VHT 80 (MCS 0~9)
HW Version	1.0
SW Version	6.37.39.77

1.1.3 Accessories

N/A

1.1.4 Antenna Details

Ant. No.	Band/ Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	LSR/001-0009	Dipole	IPEX U.FL	2	2			
2	LSR/FlexPIFA 001-0016	PIFA	IPEX U.FL	2.5	3			
3	LSR/001-0012	Dipole	IPEX U.FL	2	2			
4	Johanson P/N: 2450AD14A5500#	Chip	IPEX U.FL	1	4			

Note: Please refer to Appendix K for more details about antenna pattern and other information.

1.1.5 Antenna Power

Operating Mode	Band	Rated Power (mW/MHz)	Measured Conducted Power (mW/MHz)	Radiated Power (mW/MHz)
11a	W52	2.5	2.38232	5.98412
	W53	2.5	2.25424	5.66239
	W56	2.5	2.24905	5.64937
11n HT20	W52	1.5	1.35519	3.40408
	W53	1.5	1.27057	3.19154
	W56	1.5	1.2942	3.25087
11n HT40	W52	0.5	0.32211	0.8091
	W53	0.5	0.23933	0.60117
	W56	0.25	0.23988	0.60256
11ac VHT20	W52	1.5	1.38676	3.48337
	W53	1.5	1.31826	3.31131
	W56	1.5	1.34276	3.37287
11ac VHT40	W52	0.5	0.3281	0.82414
	W53	0.5	0.24946	0.62661
	W56	0.25	0.27102	0.68077
11ac VHT80	W52	0.25	0.15205	0.38194
	W53	0.25	0.12078	0.30339
	W56	0.15	0.12162	0.30549

1.1.6 Channel List

Frequency band (MHz)		5150~5250 / 5250~5350 / 5470~5725	
802.11a / n HT20 / ac VHT20		802.11n HT40 / ac VHT40	
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	118	5590
64	5320	126	5630
100	5500	134	5670
104	5520	802.11ac VHT80	
108	5540	42	5210
112	5560	58	5290
116	5580	106	5530
120	5600	122	5610
124	5620	-	-
128	5640	-	-
132	5660	-	-
136	5680	-	-
140	5700	-	-

1.1.7 Test Tool and Power Setting

Test Tool
Sterling WLAN RF Eval Tool v. 2.10.0.0

Power Setting				
Channel	Frequency (MHz)	802.11a	802.11n HT20	802.11ac VHT20
36	5180	16	14	14
48	5240	16	14	14
52	5260	16	14	14
64	5320	16	14	14
100	5500	16	14	14
120	5600	16	14	14
140	5700	16	14	14

Channel	Frequency (MHz)	802.11n HT40	802.11ac VHT40	802.11ac VHT80
38	5190	10	10	-
46	5230	10	10	-
54	5270	10	10	-
62	5310	10	10	-
102	5510	10	10	-
118	5590	10	10	-
134	5670	10	10	-
42	5210	-	-	10
58	5290	-	-	10
106	5530	-	-	10
122	5610	-	-	10

1.1.8 Protection Method for High Frequency and Modulation Section

Protected Method	Description
Shielding Case	RF and Modulation components are covered with shielding case and this shielding case is soldered

Photo
(Chip Antenna Module)

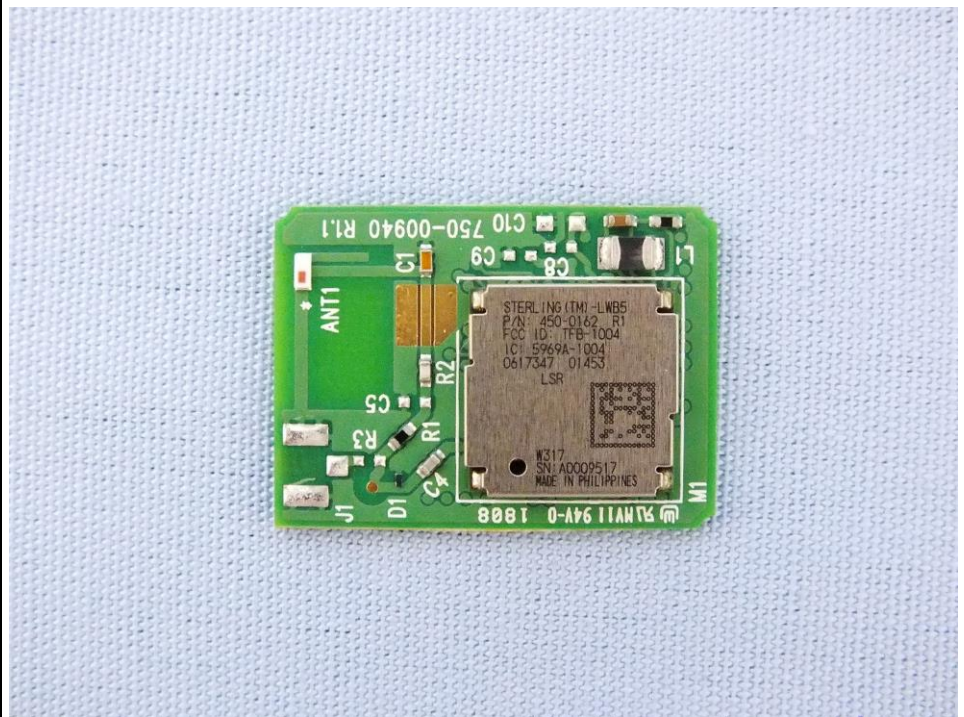
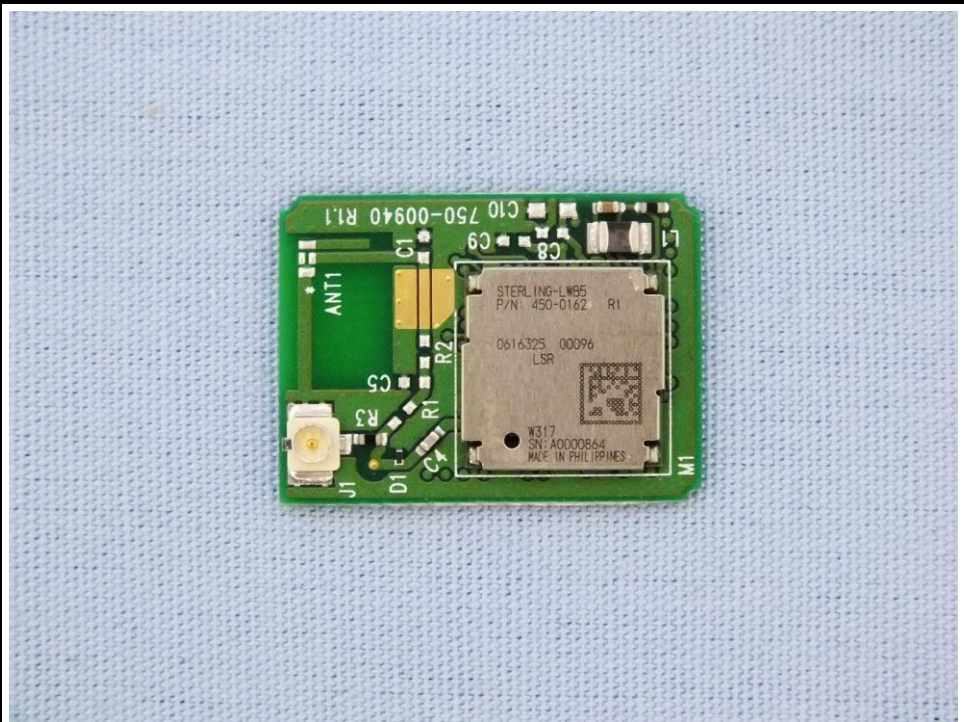


Photo
(U.FL Module)



1.2 Test Equipment and Calibration Data

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101063	Apr. 16, 2018	Apr. 15, 2019
Power Meter	Anritsu	ML2495A	1241002	Oct. 16, 2017	Oct. 15, 2018
Power Sensor	Anritsu	MA2411B	1207366	Oct. 16, 2017	Oct. 15, 2018
Signal Generator	R&S	SMB100A	175727	Oct. 26, 2017	Oct. 25, 2018
DC POWER SOURCE	GW INSTEK	GPC-6030D	EM892433	Oct. 26, 2017	Oct. 25, 2018
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note 1: Calibration Interval of instruments listed above is one year. Note 2: Above instruments are calibrated by Electronics Testing Center					

1.3 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Article 2 Paragraph 1 Item 19-3
Article 2 Paragraph 1 Item 19-3-2

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Measurement Uncertainty	
Parameters	Uncertainty
Adjacent channel leakage power	±0.463 dB
Bandwidth	±34.126 Hz
Conducted power	±0.808 dB
Frequency error	±34.126 Hz
TX Conducted emission	±2.670 dB
RX Conducted emission	±3.026 dB
Time	±0.1%

2 Test Configuration

2.1 Testing Location and Conditions

Test Site	Site Category	Ambient Condition	Tested By
TH01-WS	OVEN Room	25°C / 65%	Chris Zeng

2.2 Supporting Units

Support Unit	Brand	Model	FCC ID
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2.3 The Worst Test Modes and Channel Details

Test item	Mode	Test Frequency (MHz)
Antenna Power Tolerance for Antenna Power Frequency Tolerance Burst Length Spurious Emission Adjacent Channel Emitted Power Out Of Band Leakage Power Occupied Bandwidth Secondary Radiated Emissions Interference prevention function Carrier Sense	11a / HT20 / VHT20	5180 / 5240 / 5260 / 5320 / 5500 / 5600 / 5700
	HT40 / VHT40	5190 / 5230 / 5270 / 5310 / 5510 / 5590 / 5670
	VHT80	5210 / 5290 / 5530 / 5610

3 Transmitter Test Results

3.1 Antenna Power

3.1.1 Limit of Antenna Power

Band	Bandwidth(MHz)	Output Power Limit (mW/MHz)		Power Tolerance
		Conducted Power	EIRP	
W52	20	10	10	+20 % , -80 %
	40	5	5	
	80	2.5	2.5	
	160	1.25	1.25	

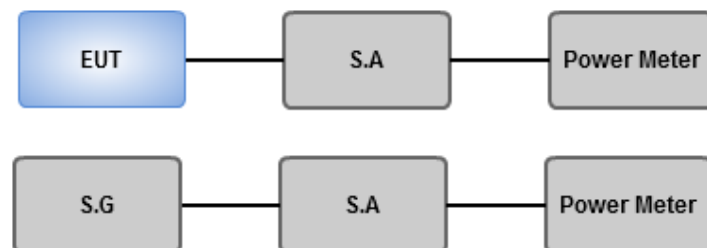
Band	Bandwidth(MHz)	Output Power Limit (mW/MHz)			Power Tolerance
		Conducted Power	EIRP		
			W/TPC	W/O TPC	
W53	20	10	10	5	+20 % , -80 %
	40	5	5	2.5	
	80	2.5	2.5	1.25	
	160	1.25	1.25	0.625	

Band	Bandwidth(MHz)	Output Power Limit (mW/MHz)			Power Tolerance
		Conducted Power	EIRP		
			W/TPC	W/O TPC	
W56	20	10	50	25	+50 % , -50 %
	40	5	25	12.5	
	80	2.5	12.5	6.25	
	160	1.25	6.25	1.325	

3.1.2 Test Procedures

1. A power meter is connected on the IF output port of the spectrum analyzer. Adjust the spectrum analyzer to have the center frequency the same with the measured carrier. $RBW=VBW=1\text{MHz}$, detector mode is positive peak. Turn off the averaging function and use zero span.
2. The calibrating signal power shall be reduced to 0 dBm and it shall be verified that the power meter reading also reduces by 10 dB. Connect the equipment to be measured. Using the following settings of the spectrum analyzer in combination with "max hold" function, find the frequency of highest power output in the power envelope: center frequency equal to operating frequency; RBW & VBW: 1 MHz; detector mode: positive peak; averaging: off; span: 3 times the spectrum width; amplitude: adjust for middle of the instrument's range. The frequency found shall be recorded
3. Set the center frequency of the spectrum analyzer to the found frequency and switch to zero span. The power meter indicates the measured power density "E". Remove the EUT and put the replacing standard signal generator (SSG). Set the standard signal generator (SSG) at same frequency and transmit on, then set SSG output power at P_t to give the equivalent output level of "E"
4. Calculate antenna power density by the formula below $PD = P_t + 10 \cdot \log(1/x)$.
x: The duty cycle of the EUT in continuously transmitting mode
 P_t : Output power of the SSG
5. Antenna Power Error is definition that actual measure antenna power tolerance between + 20% to - 80% or +50 % to -50 % power range that base on operating frequency range and manufacturer declare the conducted power density

3.1.3 Test Setup



3.1.4 Test Result of Antenna Power

Refer to Appendix A1, A2

3.2 Frequency Tolerance

3.2.1 Limit of Frequency Tolerance

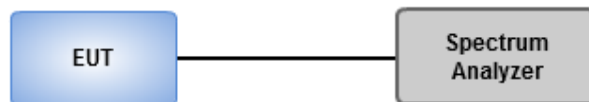
Frequency tolerance shall be +/- 20ppm.

3.2.2 Test Procedures

1. Set Span = 150kHz, RBW = 1kHz, VBW = 30kHz, Sweep time = Auto, detector = Peak.
2. Use Peak search function to find the max peak value and record this value (RF).
3. Calculate frequency tolerance by below formula
$$FT(ppm) = \{ (RF) - (MF) / (MF) \} \times 1000000$$

(FT: Frequency Tolerance, RF: Reading Frequency, MF: Measurement Frequency.)

3.2.3 Test Setup



3.2.4 Test Result of Frequency Tolerance

Refer to Appendix B

3.3 Occupied Bandwidth

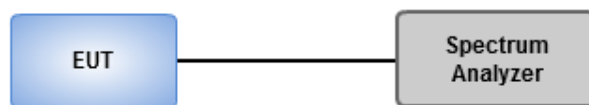
3.3.1 Limit of Occupied Bandwidth

Band	Bandwidth(MHz)	Limit (MHz)
W52	20	19
	40	38
	80	78
	160	158
W53	20	19
	40	38
	80	78
	160	158
W56	20	19.7
	40	38
	80	78
	160	158

3.3.2 Test Procedures

1. Set Span = 20MHz, RBW = VBW = 300kHz, detector = Peak, Sweep time = Auto.
2. Enable OBW function of spectrum analyzer to measure OBW and capture test plot.

3.3.3 Test Setup



3.3.4 Test Result of Occupied Bandwidth

Refer to Appendix C

3.4 Transmitter Spurious Emissions

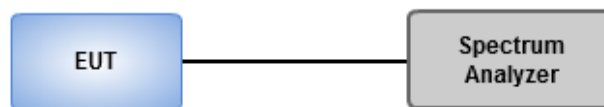
3.4.1 Limit of Transmitter Spurious Emissions

Band	Bandwidth(MHz)	Measured Frequency Range (MHz)	Limit (uW/MHz)
W52 , W53	20	30 ~ 5135 5365 ~26000	2.5 2.5
	40	30 ~ 5100 5400 ~26000	2.5 2.5
	80	30 ~ 5020 5480 ~26000	2.5 2.5
	160	30 ~ 4916 5584 ~26000	2.5 2.5
W56	20	30 ~ 5455 5745 ~26000	2.5 2.5
	40	30 ~ 5420 5760 ~26000	2.5 2.5
	80	30 ~ 5340 5800 ~26000	2.5 2.5
	160	30 ~ 5236 5904 ~26000	2.5 2.5

3.4.2 Test Procedures

1. Set EUT to transmit at rated power and channel to perform test.
2. Set RBW = VBW = 1MHz, Detector type = Peak, Sweep time = Auto.
3. Following above setting of spectrum analyzer to measure spurious emission of 30~26000 MHz.

3.4.3 Test Setup



3.4.4 Test result of Transmitter Spurious Emissions

Refer to Appendix D

3.5 Adjacent Channel Emitted Power

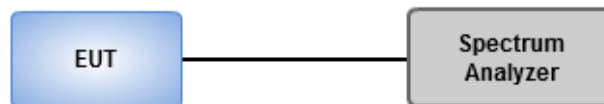
3.5.1 Limit of Adjacent Channel Emitted Power

Bandwidth(MHz)	Measured Frequency Range (MHz)	Limit (dBc)
20	Fc +/- 20MHz	>25
	Fc +/- 40MHz	>40
40	Fc +/- 40MHz	>25
	Fc +/- 80MHz	>40
80	Fc +/- 80MHz	>25
160	-	-

3.5.2 Test Procedures

1. Set EUT to transmit at rated power and channel to perform test.
2. Set RBW = 100kHz, VBW = 300kHz, Detector = sample, Sweep = Auto.
3. Enable Adjacent channel power measurement function of spectrum analyzer to measure power of Fc+/- 20MHz, 40MHz or 80MHz

3.5.3 Test Setup



3.5.4 Test result of Adjacent Channel Emitted Power

Refer to Appendix E

3.6 Out-Band Leakage Power

3.6.1 Limit of Out-Band Leakage Power

W52 Band

Bandwidth(MHz)	Measured Frequency Range	Limit
20	5135.0 ~ 5142.0 MHz	2.5 μ W/MHz
	5142.0 ~ 5150.0 MHz	15.0 μ W/MHz
	5250.0 ~ 5251.0 MHz	$10.0^{1-(f-9)}$ mW/MHz
	5251.0 ~ 5260.0 MHz	$10.0^{-1-(8/90)(f-11)}$ mW/MHz
	5260.0 ~ 5266.7 MHz	$10.0^{-1.8-(6/50)(f-20)}$ mW/MHz
	5266.7 ~ 5360.0 MHz	2.5 μ W/MHz
40	5100.0 ~ 5141.6 MHz	2.5 μ W/MHz
	5141.6 ~ 5150.0 MHz	15.0 μ W/MHz
	5250.0 ~ 5251.0 MHz	$10.0^{-(f-20)+\log(1/2)}$ mW/MHz
	5251.0 ~ 5270.0 MHz	$10.0^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz
	5270.0 ~ 5278.4 MHz	$10.0^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz
	5278.4 ~ 5400.0 MHz	2.5 μ W/MHz
80	5020.0 ~ 5123.2 MHz	2.5 μ W/MHz
	5123.2 ~ 5150.0 MHz	15.0 μ W/MHz
	5250.0 ~ 5251.0 MHz	$10.0^{-(f-40)+\log(1/4)}$ mW/MHz
	5251.0 ~ 5290.0 MHz	$10.0^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz
	5290.0 ~ 5296.7 MHz	$10.0^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW/MHz
	5296.7 ~ 5480.0 MHz	2.5 μ W/MHz

W53 Band

Bandwidth(MHz)	Measured Frequency Range	Limit
20	5135.0 ~ 5233.3 MHz	2.5 μ W/MHz
	5233.3 ~ 5240.0 MHz	$10.0^{-1.8-(6/50)(f-20)}$ mW/MHz
	5240.0 ~ 5249.0 MHz	$10.0^{-1-(8/90)(f-11)}$ mW/MHz
	5249.0 ~ 5250.0 MHz	$10.0^{1-(f-9)}$ mW/MHz
	5350.0 ~ 5365.0 MHz	2.5 μ W/MHz
40	5100.0 ~ 5210.0 MHz	2.5 μ W/MHz
	5210.0 ~ 5221.6 MHz	2.5 μ W/MHz
	5221.6 ~ 5230.0 MHz	$10.0^{-(3/50)(f-40)-1.8+\log(1/2)}$ mW/MHz
	5230.0 ~ 5249.0 MHz	$10.0^{-(8/190)(f-21)-1+\log(1/2)}$ mW/MHz
	5249.0 ~ 5250.0 MHz	$10.0^{-(f-20)+\log(1/2)}$ mW/MHz
	5350.0 ~ 5358.4 MHz	15 μ W/MHz
	5358.4 ~ 5400.0 MHz	2.5 μ W/MHz
80	5020.0 ~ 5203.3 MHz	2.5 μ W/MHz
	5203.3 ~ 5210.0 MHz	$10.0^{-(3/100)(f-80)-1.8+\log(1/4)}$ mW/MHz
	5210.0 ~ 5249.0 MHz	$10.0^{-(8/390)(f-41)-1+\log(1/4)}$ mW/MHz
	5249.0 ~ 5250.0 MHz	$10.0^{-(f-40)+\log(1/4)}$ mW/MHz
	5350.0 ~ 5376.8 MHz	15 μ W/MHz
	5376.8 ~ 5480.0 MHz	2.5 μ W/MHz

W52 + 53 Band

Bandwidth(MHz)	Measured Frequency Range	Limit
160	4916.0 ~ 5099.6 MHz	2.5 μ W/MHz
	5099.6 ~ 5150.0 MHz	15 μ W/MHz
	5350 ~ 5400.4 MHz	15 μ W/MHz
	5400.4 ~ 5584 MHz	2.5 μ W/MHz

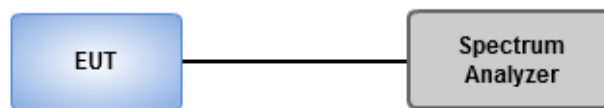
W56 Band

Bandwidth(MHz)	Measured Frequency Range (MHz)	Limit
20	5455.0 ~ 5460.0 MHz	2.5 μ W/MHz
	5460.0 ~ 5470.0 MHz	12.5 μ W/MHz
	5725.0 ~ 5740.0 MHz	12.5 μ W/MHz
	5740.0 ~ 5745.0 MHz	2.5 μ W/MHz
40	5420.0 ~ 5460.0 MHz	12.5 μ W/MHz
	5460.0 ~ 5470.0 MHz	50 μ W/MHz
	5725.0 ~ 5760.0 MHz	12.5 μ W/MHz
80	5340.0 ~ 5460.0 MHz	12.5 μ W/MHz
	5460.0 ~ 5469.5 MHz	50 μ W/MHz
	5469.5 ~ 5470.0 MHz	51.2 μ W/MHz
	5725.0 ~ 5800.0 MHz	12.5 μ W/MHz
160	5236.0 ~ 5419.6 MHz	12.5 μ W/MHz
	5419.6 ~ 5470.0 MHz	50 μ W/MHz
	5725.0 ~ 5904.0 MHz	12.5 μ W/MHz

3.6.2 Test Procedures

1. Set EUT to transmit at rated power and channel to perform test.
2. Set RBW = VBW = 1MHz, Detector = Peak, Sweep time = Auto.
3. Following above setting of spectrum analyzer to measure spurious emission.

3.6.3 Test Setup



3.6.4 Test Result of Out-band Leakage Power

Refer to Appendix F

3.7 Burst Length

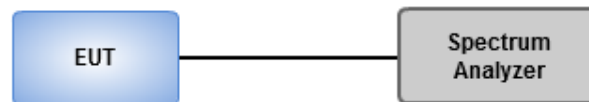
3.7.1 Limit of Burst Length

Burst Length shall be less than 4ms.

3.7.2 Test Procedures

1. Set EUT to transmit at rated power and channel to perform test.
2. Set RBW = VBW = 1MHz, detector = Peak, Span = 0Hz, Sweep time = 3ms.
3. Enable trigger and gating function of spectrum analyzer to lock on burst and measure burst on time.

3.7.3 Test Setup



3.7.4 Test Result of Burst Length

Refer to Appendix G

3.8 Carrier Sense Measurement

3.8.1 Limit of Carrier Sense Measurement

Limits
EUT shall not transmit any waves when carrier wave inject into EUT

3.8.2 Test Procedures

1. Set RBW = VBW = 1MHz, Detector type = Peak, Sweep time = Auto, Span = 50 MHz.
2. Set EUT to normal operating mode and link up with accessory.
3. Turn off the EUT transmission
4. Turn on the Signal Generator output to send carrier wave to EUT then turn on the EUT transmission

Power level of carrier wave at EUT is as below

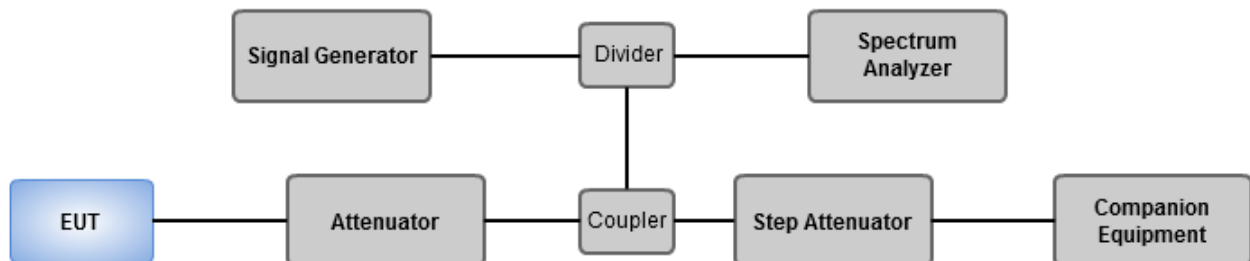
$$P_{cs} \text{ (dBm)} = 22.79 + G_r - 20\log(F)$$

G_r : Antenna gain (dBi)

F : Transmission Frequency (MHz)

5. Check the EUT does not transmit any waves

3.8.3 Test Setup



3.8.4 Test result of Carrier Sense

Refer to Appendix H

3.9 Interference prevention function

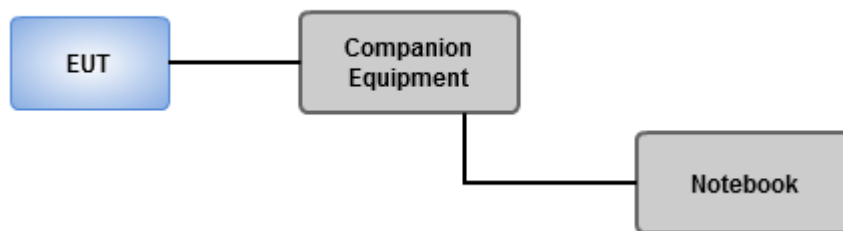
3.9.1 Limit of Carrier Sense Measurement

Limits
The identification code shall be 19 bits long

3.9.2 Test Procedures

1. Set EUT under operating mode and link up with companion equipment
2. Check communication status between EUT and companion equipment is normal
3. Confirm the MAC address of EUT

3.9.3 Test Setup



3.9.4 Test Result of Carrier Sense

Refer to Appendix I

4 Receiver Test Results

4.1 Receiver Spurious Emissions

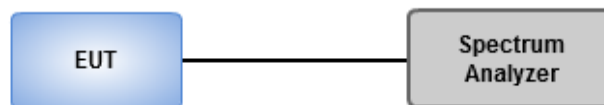
4.1.1 Limit of Receiver Spurious Emissions

Item	Limits
Rx Spurious Emission	$\leq 4\text{nW}$ ($f < 1\text{GHz}$).
	$\leq 20\text{nW}$ ($1\text{GHz} \leq f$).

4.1.2 Test Procedures

1. Set EUT under receiving condition to perform test
2. Set RBW = VBW = 100kHz, detector = Peak, Sweep time = Auto for emission measurement below 1GHz.
3. Set RBW = VBW = 1MHz, detector = Peak, Sweep time = Auto for emission measurement above 1GHz.

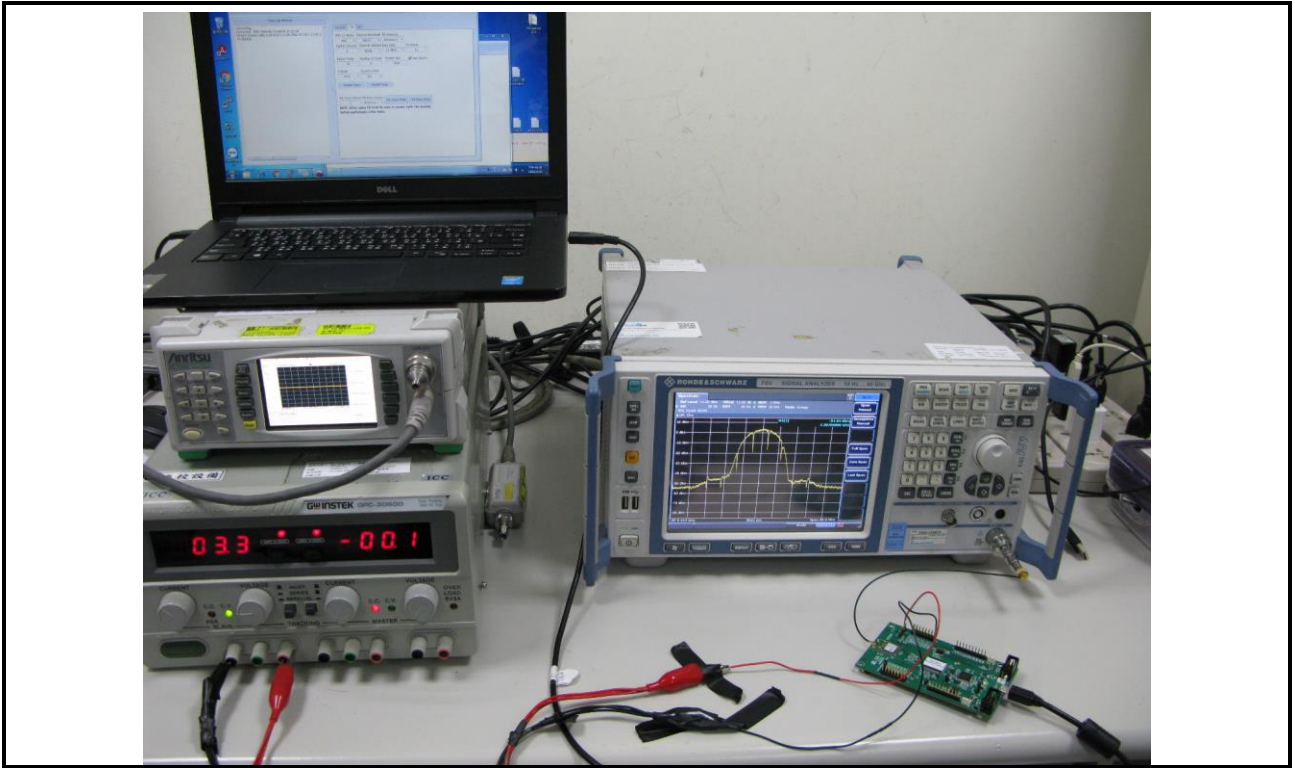
4.1.3 Test Setup



4.1.4 Test Result of Receiver Spurious Emissions

Refer to Appendix J

5 Photographs of the Test Configuration



6 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corp (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

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Linkou

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No. 30-2, Ding Fwu Tsuen, Lin Kou
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Tel: 886-3-271-8666

No. 3-1, Lane 6, Wen San 3rd
St., Kwei Shan District, Tao Yuan
City 333, Taiwan, R.O.C.

Kwei Shan Site II

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If you have any suggestion, please feel free to contact us as below information

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==END==



Power Result

Appendix A.1

Summary

Mode	Power (dBm/MHz)	Power (mW/MHz)	EIRP (dBm/MHz)	EIRP (mW/MHz)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1_1TX	3.77	2.38232	7.77	5.98412
802.11n HT20_Nss1,(MCS0)_1TX	1.32	1.35519	5.32	3.40408
802.11n HT40_Nss1,(MCS0)_1TX	-4.92	0.32211	-0.92	0.80910
802.11ac VHT20_Nss1,(MCS0)_1TX	1.42	1.38676	5.42	3.48337
802.11ac VHT40_Nss1,(MCS0)_1TX	-4.84	0.32810	-0.84	0.82414
802.11ac VHT80_Nss1,(MCS0)_1TX	-8.18	0.15205	-4.18	0.38194
5.25-5.35GHz	-	-	-	-
802.11a_Nss1_1TX	3.53	2.25424	7.53	5.66239
802.11n HT20_Nss1,(MCS0)_1TX	1.04	1.27057	5.04	3.19154
802.11n HT40_Nss1,(MCS0)_1TX	-6.21	0.23933	-2.21	0.60117
802.11ac VHT20_Nss1,(MCS0)_1TX	1.20	1.31826	5.20	3.31131
802.11ac VHT40_Nss1,(MCS0)_1TX	-6.03	0.24946	-2.03	0.62661
802.11ac VHT80_Nss1,(MCS0)_1TX	-9.18	0.12078	-5.18	0.30339
5.47-5.725GHz	-	-	-	-
802.11a_Nss1_1TX	3.52	2.24905	7.52	5.64937
802.11n HT20_Nss1,(MCS0)_1TX	1.12	1.29420	5.12	3.25087
802.11n HT40_Nss1,(MCS0)_1TX	-6.20	0.23988	-2.20	0.60256
802.11ac VHT20_Nss1,(MCS0)_1TX	1.28	1.34276	5.28	3.37287
802.11ac VHT40_Nss1,(MCS0)_1TX	-5.67	0.27102	-1.67	0.68077
802.11ac VHT80_Nss1,(MCS0)_1TX	-9.15	0.12162	-5.15	0.30549

PD = Antenna Power (Power Density)sum by P1;

P1 = Port 1 PD; ENBF = Equivalent Noise Bandwidth Factor;

Result

Mode	Result	Gain (dBi)	ENBF (dB)	P1 (dBm/MHz)	Power (dBm/MHz)	Power (mW/MHz)	Power Lim. (mW/MHz)	EIRP (dBm/MHz)	EIRP (mW/MHz)	EIRP Lim. (mW/MHz)
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.00	0.49	3.48	3.48	2.22844	10	7.48	5.59758	10
5180MHz_TnomVmin	Pass	4.00	0.49	3.57	3.57	2.27510	10	7.57	5.71479	10
5180MHz_TnomVmax	Pass	4.00	0.49	3.45	3.45	2.21309	10	7.45	5.55904	10
5240MHz_TnomVnom	Pass	4.00	0.49	3.74	3.74	2.36592	10	7.74	5.94292	10
5240MHz_TnomVmin	Pass	4.00	0.49	3.77	3.77	2.38232	10	7.77	5.98412	10
5240MHz_TnomVmax	Pass	4.00	0.49	3.63	3.63	2.30675	10	7.63	5.79429	10
5260MHz_TnomVnom	Pass	4.00	0.49	3.53	3.53	2.25424	10	7.53	5.66239	10
5260MHz_TnomVmin	Pass	4.00	0.49	3.51	3.51	2.24388	10	7.51	5.63638	10
5260MHz_TnomVmax	Pass	4.00	0.49	3.51	3.51	2.24388	10	7.51	5.63638	10
5320MHz_TnomVnom	Pass	4.00	0.49	3.17	3.17	2.07491	10	7.17	5.21195	10
5320MHz_TnomVmin	Pass	4.00	0.49	3.16	3.16	2.07014	10	7.16	5.19996	10
5320MHz_TnomVmax	Pass	4.00	0.49	3.08	3.08	2.03236	10	7.08	5.10505	10



Power Result

Appendix A.1

Mode	Result	Gain (dBi)	ENBF (dB)	P1 (dBm/MHz)	Power (dBm/MHz)	Power (mW/MHz)	Power Lim. (mW/MHz)	EIRP (dBm/MHz)	EIRP (mW/MHz)	EIRP Lim. (mW/MHz)
5500MHz_TnomVnom	Pass	4.00	0.49	3.43	3.43	2.20293	10	7.43	5.53350	50
5500MHz_TnomVmin	Pass	4.00	0.49	3.52	3.52	2.24905	10	7.52	5.64937	50
5500MHz_TnomVmax	Pass	4.00	0.49	3.43	3.43	2.20293	10	7.43	5.53350	50
5600MHz_TnomVnom	Pass	4.00	0.49	3.01	3.01	1.99986	10	7.01	5.02343	50
5600MHz_TnomVmin	Pass	4.00	0.49	2.97	2.97	1.98153	10	6.97	4.97737	50
5600MHz_TnomVmax	Pass	4.00	0.49	2.98	2.98	1.98609	10	6.98	4.98884	50
5700MHz_TnomVnom	Pass	4.00	0.49	3.06	3.06	2.02302	10	7.06	5.08159	50
5700MHz_TnomVmin	Pass	4.00	0.49	3.03	3.03	2.00909	10	7.03	5.04661	50
5700MHz_TnomVmax	Pass	4.00	0.49	3.03	3.03	2.00909	10	7.03	5.04661	50
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.00	0.49	1.03	1.03	1.26765	10	5.03	3.18420	10
5180MHz_TnomVmin	Pass	4.00	0.49	1.32	1.32	1.35519	10	5.32	3.40408	10
5180MHz_TnomVmax	Pass	4.00	0.49	1.29	1.29	1.34586	10	5.29	3.38065	10
5240MHz_TnomVnom	Pass	4.00	0.49	1.21	1.21	1.32130	10	5.21	3.31894	10
5240MHz_TnomVmin	Pass	4.00	0.49	1.14	1.14	1.30017	10	5.14	3.26588	10
5240MHz_TnomVmax	Pass	4.00	0.49	1.26	1.26	1.33660	10	5.26	3.35738	10
5260MHz_TnomVnom	Pass	4.00	0.49	1.04	1.04	1.27057	10	5.04	3.19154	10
5260MHz_TnomVmin	Pass	4.00	0.49	0.97	0.97	1.25026	10	4.97	3.14051	10
5260MHz_TnomVmax	Pass	4.00	0.49	0.93	0.93	1.23880	10	4.93	3.11172	10
5320MHz_TnomVnom	Pass	4.00	0.49	0.80	0.80	1.20226	10	4.80	3.01995	10
5320MHz_TnomVmin	Pass	4.00	0.49	0.80	0.80	1.20226	10	4.80	3.01995	10
5320MHz_TnomVmax	Pass	4.00	0.49	0.68	0.68	1.16950	10	4.68	2.93765	10
5500MHz_TnomVnom	Pass	4.00	0.49	1.12	1.12	1.29420	10	5.12	3.25087	50
5500MHz_TnomVmin	Pass	4.00	0.49	1.05	1.05	1.27350	10	5.05	3.19890	50
5500MHz_TnomVmax	Pass	4.00	0.49	1.05	1.05	1.27350	10	5.05	3.19890	50
5600MHz_TnomVnom	Pass	4.00	0.49	0.44	0.44	1.10662	10	4.44	2.77971	50
5600MHz_TnomVmin	Pass	4.00	0.49	0.53	0.53	1.12980	10	4.53	2.83792	50
5600MHz_TnomVmax	Pass	4.00	0.49	0.54	0.54	1.13240	10	4.54	2.84446	50
5700MHz_TnomVnom	Pass	4.00	0.49	0.63	0.63	1.15611	10	4.63	2.90402	50
5700MHz_TnomVmin	Pass	4.00	0.49	0.61	0.61	1.15080	10	4.61	2.89068	50
5700MHz_TnomVmax	Pass	4.00	0.49	0.66	0.66	1.16413	10	4.66	2.92415	50
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.00	0.49	-5.05	-5.05	0.31261	5	-1.05	0.78524	5
5190MHz_TnomVmin	Pass	4.00	0.49	-5.03	-5.03	0.31405	5	-1.03	0.78886	5
5190MHz_TnomVmax	Pass	4.00	0.49	-4.92	-4.92	0.32211	5	-0.92	0.80910	5
5230MHz_TnomVnom	Pass	4.00	0.49	-5.04	-5.04	0.31333	5	-1.04	0.78705	5
5230MHz_TnomVmin	Pass	4.00	0.49	-4.99	-4.99	0.31696	5	-0.99	0.79616	5
5230MHz_TnomVmax	Pass	4.00	0.49	-5.09	-5.09	0.30974	5	-1.09	0.77804	5
5270MHz_TnomVnom	Pass	4.00	0.49	-6.26	-6.26	0.23659	5	-2.26	0.59429	5
5270MHz_TnomVmin	Pass	4.00	0.49	-6.29	-6.29	0.23496	5	-2.29	0.59020	5



Power Result

Appendix A.1

Mode	Result	Gain (dBi)	ENBF (dB)	P1 (dBm/MHz)	Power (dBm/MHz)	Power (mW/MHz)	Power Lim. (mW/MHz)	EIRP (dBm/MHz)	EIRP (mW/MHz)	EIRP Lim. (mW/MHz)
5270MHz_TnomVmax	Pass	4.00	0.49	-6.21	-6.21	0.23933	5	-2.21	0.60117	5
5310MHz_TnomVnom	Pass	4.00	0.49	-6.34	-6.34	0.23227	5	-2.34	0.58345	5
5310MHz_TnomVmin	Pass	4.00	0.49	-6.46	-6.46	0.22594	5	-2.46	0.56754	5
5310MHz_TnomVmax	Pass	4.00	0.49	-6.38	-6.38	0.23014	5	-2.38	0.57810	5
5510MHz_TnomVnom	Pass	4.00	0.49	-6.28	-6.28	0.23550	5	-2.28	0.59156	25
5510MHz_TnomVmin	Pass	4.00	0.49	-6.25	-6.25	0.23714	5	-2.25	0.59566	25
5510MHz_TnomVmax	Pass	4.00	0.49	-6.20	-6.20	0.23988	5	-2.20	0.60256	25
5590MHz_TnomVnom	Pass	4.00	0.49	-6.62	-6.62	0.21777	5	-2.62	0.54702	25
5590MHz_TnomVmin	Pass	4.00	0.49	-6.66	-6.66	0.21577	5	-2.66	0.54200	25
5590MHz_TnomVmax	Pass	4.00	0.49	-6.68	-6.68	0.21478	5	-2.68	0.53951	25
5670MHz_TnomVnom	Pass	4.00	0.49	-6.74	-6.74	0.21184	5	-2.74	0.53211	25
5670MHz_TnomVmin	Pass	4.00	0.49	-6.70	-6.70	0.21380	5	-2.70	0.53703	25
5670MHz_TnomVmax	Pass	4.00	0.49	-6.83	-6.83	0.20749	5	-2.83	0.52119	25
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.00	0.49	1.29	1.29	1.34586	10	5.29	3.38065	10
5180MHz_TnomVmin	Pass	4.00	0.49	1.17	1.17	1.30918	10	5.17	3.28852	10
5180MHz_TnomVmax	Pass	4.00	0.49	1.23	1.23	1.32739	10	5.23	3.33426	10
5240MHz_TnomVnom	Pass	4.00	0.49	1.42	1.42	1.38676	10	5.42	3.48337	10
5240MHz_TnomVmin	Pass	4.00	0.49	1.38	1.38	1.37404	10	5.38	3.45144	10
5240MHz_TnomVmax	Pass	4.00	0.49	1.38	1.38	1.37404	10	5.38	3.45144	10
5260MHz_TnomVnom	Pass	4.00	0.49	1.13	1.13	1.29718	10	5.13	3.25837	10
5260MHz_TnomVmin	Pass	4.00	0.49	1.14	1.14	1.30017	10	5.14	3.26588	10
5260MHz_TnomVmax	Pass	4.00	0.49	1.20	1.20	1.31826	10	5.20	3.31131	10
5320MHz_TnomVnom	Pass	4.00	0.49	0.79	0.79	1.19950	10	4.79	3.01301	10
5320MHz_TnomVmin	Pass	4.00	0.49	0.85	0.85	1.21619	10	4.85	3.05492	10
5320MHz_TnomVmax	Pass	4.00	0.49	0.86	0.86	1.21899	10	4.86	3.06196	10
5500MHz_TnomVnom	Pass	4.00	0.49	1.21	1.21	1.32130	10	5.21	3.31894	50
5500MHz_TnomVmin	Pass	4.00	0.49	1.28	1.28	1.34276	10	5.28	3.37287	50
5500MHz_TnomVmax	Pass	4.00	0.49	1.21	1.21	1.32130	10	5.21	3.31894	50
5600MHz_TnomVnom	Pass	4.00	0.49	0.50	0.50	1.12202	10	4.50	2.81838	50
5600MHz_TnomVmin	Pass	4.00	0.49	0.56	0.56	1.13763	10	4.56	2.85759	50
5600MHz_TnomVmax	Pass	4.00	0.49	0.52	0.52	1.12720	10	4.52	2.83139	50
5700MHz_TnomVnom	Pass	4.00	0.49	0.74	0.74	1.18577	10	4.74	2.97852	50
5700MHz_TnomVmin	Pass	4.00	0.49	0.62	0.62	1.15345	10	4.62	2.89734	50
5700MHz_TnomVmax	Pass	4.00	0.49	0.74	0.74	1.18577	10	4.74	2.97852	50
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.00	0.49	-4.95	-4.95	0.31989	5	-0.95	0.80353	5
5190MHz_TnomVmin	Pass	4.00	0.49	-4.93	-4.93	0.32137	5	-0.93	0.80724	5
5190MHz_TnomVmax	Pass	4.00	0.49	-5.00	-5.00	0.31623	5	-1.00	0.79433	5
5230MHz_TnomVnom	Pass	4.00	0.49	-4.84	-4.84	0.32810	5	-0.84	0.82414	5



Power Result

Appendix A.1

Mode	Result	Gain (dBi)	ENBF (dB)	P1 (dBm/MHz)	Power (dBm/MHz)	Power (mW/MHz)	Power Lim. (mW/MHz)	EIRP (dBm/MHz)	EIRP (mW/MHz)	EIRP Lim. (mW/MHz)
5230MHz_TnomVmin	Pass	4.00	0.49	-5.02	-5.02	0.31477	5	-1.02	0.79068	5
5230MHz_TnomVmax	Pass	4.00	0.49	-5.04	-5.04	0.31333	5	-1.04	0.78705	5
5270MHz_TnomVnom	Pass	4.00	0.49	-6.13	-6.13	0.24378	5	-2.13	0.61235	5
5270MHz_TnomVmin	Pass	4.00	0.49	-6.03	-6.03	0.24946	5	-2.03	0.62661	5
5270MHz_TnomVmax	Pass	4.00	0.49	-6.13	-6.13	0.24378	5	-2.13	0.61235	5
5310MHz_TnomVnom	Pass	4.00	0.49	-6.36	-6.36	0.23121	5	-2.36	0.58076	5
5310MHz_TnomVmin	Pass	4.00	0.49	-6.24	-6.24	0.23768	5	-2.24	0.59704	5
5310MHz_TnomVmax	Pass	4.00	0.49	-6.31	-6.31	0.23388	5	-2.31	0.58749	5
5510MHz_TnomVnom	Pass	4.00	0.49	-5.67	-5.67	0.27102	5	-1.67	0.68077	25
5510MHz_TnomVmin	Pass	4.00	0.49	-5.81	-5.81	0.26242	5	-1.81	0.65917	25
5510MHz_TnomVmax	Pass	4.00	0.49	-5.82	-5.82	0.26182	5	-1.82	0.65766	25
5590MHz_TnomVnom	Pass	4.00	0.49	-6.34	-6.34	0.23227	5	-2.34	0.58345	25
5590MHz_TnomVmin	Pass	4.00	0.49	-6.38	-6.38	0.23014	5	-2.38	0.57810	25
5590MHz_TnomVmax	Pass	4.00	0.49	-6.41	-6.41	0.22856	5	-2.41	0.57412	25
5670MHz_TnomVnom	Pass	4.00	0.49	-6.56	-6.56	0.22080	5	-2.56	0.55463	25
5670MHz_TnomVmin	Pass	4.00	0.49	-6.55	-6.55	0.22131	5	-2.55	0.55590	25
5670MHz_TnomVmax	Pass	4.00	0.49	-6.62	-6.62	0.21777	5	-2.62	0.54702	25
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.00	0.49	-8.18	-8.18	0.15205	2.5	-4.18	0.38194	2.5
5210MHz_TnomVmin	Pass	4.00	0.49	-8.40	-8.40	0.14454	2.5	-4.40	0.36308	2.5
5210MHz_TnomVmax	Pass	4.00	0.49	-8.47	-8.47	0.14223	2.5	-4.47	0.35727	2.5
5290MHz_TnomVnom	Pass	4.00	0.49	-9.29	-9.29	0.11776	2.5	-5.29	0.29580	2.5
5290MHz_TnomVmin	Pass	4.00	0.49	-9.25	-9.25	0.11885	2.5	-5.25	0.29854	2.5
5290MHz_TnomVmax	Pass	4.00	0.49	-9.18	-9.18	0.12078	2.5	-5.18	0.30339	2.5
5530MHz_TnomVnom	Pass	4.00	0.49	-9.16	-9.16	0.12134	2.5	-5.16	0.30479	12.5
5530MHz_TnomVmin	Pass	4.00	0.49	-9.27	-9.27	0.11830	2.5	-5.27	0.29717	12.5
5530MHz_TnomVmax	Pass	4.00	0.49	-9.15	-9.15	0.12162	2.5	-5.15	0.30549	12.5
5610MHz_TnomVnom	Pass	4.00	0.49	-9.30	-9.30	0.11749	2.5	-5.30	0.29512	12.5
5610MHz_TnomVmin	Pass	4.00	0.49	-9.63	-9.63	0.10889	2.5	-5.63	0.27353	12.5
5610MHz_TnomVmax	Pass	4.00	0.49	-9.59	-9.59	0.10990	2.5	-5.59	0.27606	12.5

PD = Antenna Power (Power Density)sum by P1;

P1 = Port 1 PD;ENBF = Equivalent Noise Bandwidth Factor;



Power Tolerance Result

Appendix A.2

Summary

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
5.15-5.25GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	3.77	2.38232	2.50	-4.71	20	-80
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1.32	1.35519	1.50	-9.65	20	-80
802.11n HT40_Nss1,(MCS0)_1TX	Pass	-5.09	0.30974	0.50	-38.05	20	-80
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	1.42	1.38676	1.50	-7.55	20	-80
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-5.04	0.31333	0.50	-37.33	20	-80
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-8.47	0.14223	0.25	-43.11	20	-80
5.25-5.35GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	3.53	2.25424	2.50	-9.83	20	-80
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1.04	1.27057	1.50	-15.30	20	-80
802.11n HT40_Nss1,(MCS0)_1TX	Pass	-6.46	0.22594	0.50	-54.81	20	-80
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	1.20	1.31826	1.50	-12.12	20	-80
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-6.36	0.23121	0.50	-53.76	20	-80
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-9.29	0.11776	0.25	-52.90	20	-80
5.47-5.725GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	3.52	2.24905	2.50	-11.88	50	-50
802.11n HT20_Nss1,(MCS0)_1TX	Pass	0.44	1.10662	1.50	-26.23	50	-50
802.11n HT40_Nss1,(MCS0)_1TX	Pass	-6.83	0.20749	0.25	-17.00	50	-50
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	0.50	1.12202	1.50	-25.20	50	-50
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-6.62	0.21777	0.25	-12.89	50	-50
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-9.63	0.10889	0.15	-27.40	50	-50

Result

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
802.11a_Nss1_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.48	2.22844	2.50	-10.86	20	-80
5180MHz_TnomVmin	Pass	3.57	2.27510	2.50	-9.00	20	-80
5180MHz_TnomVmax	Pass	3.45	2.21309	2.50	-11.48	20	-80
5240MHz_TnomVnom	Pass	3.74	2.36592	2.50	-5.36	20	-80
5240MHz_TnomVmin	Pass	3.77	2.38232	2.50	-4.71	20	-80
5240MHz_TnomVmax	Pass	3.63	2.30675	2.50	-7.73	20	-80
5260MHz_TnomVnom	Pass	3.53	2.25424	2.50	-9.83	20	-80
5260MHz_TnomVmin	Pass	3.51	2.24388	2.50	-10.24	20	-80
5260MHz_TnomVmax	Pass	3.51	2.24388	2.50	-10.24	20	-80
5320MHz_TnomVnom	Pass	3.17	2.07491	2.50	-17.00	20	-80
5320MHz_TnomVmin	Pass	3.16	2.07014	2.50	-17.19	20	-80
5320MHz_TnomVmax	Pass	3.08	2.03236	2.50	-18.71	20	-80
5500MHz_TnomVnom	Pass	3.43	2.20293	2.50	-10.04	50	-50



Power Tolerance Result

Appendix A.2

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
5500MHz_TnomVmin	Pass	3.52	2.24905	2.50	-11.88	50	-50
5500MHz_TnomVmax	Pass	3.43	2.20293	2.50	-20.01	50	-50
5600MHz_TnomVnom	Pass	3.01	1.99986	2.50	-20.74	50	-50
5600MHz_TnomVmin	Pass	2.97	1.98153	2.50	-20.56	50	-50
5600MHz_TnomVmax	Pass	2.98	1.98609	2.50	-19.08	50	-50
5700MHz_TnomVnom	Pass	3.06	2.02302	2.50	-19.64	50	-50
5700MHz_TnomVmin	Pass	3.03	2.00909	2.50	-19.64	50	-50
5700MHz_TnomVmax	Pass	3.03	2.00909	2.50	-11.88	50	-50
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.03	1.26765	1.50	-15.49	20	-80
5180MHz_TnomVmin	Pass	1.32	1.35519	1.50	-9.65	20	-80
5180MHz_TnomVmax	Pass	1.29	1.34586	1.50	-10.28	20	-80
5240MHz_TnomVnom	Pass	1.21	1.32130	1.50	-11.91	20	-80
5240MHz_TnomVmin	Pass	1.14	1.30017	1.50	-13.32	20	-80
5240MHz_TnomVmax	Pass	1.26	1.33660	1.50	-10.89	20	-80
5260MHz_TnomVnom	Pass	1.04	1.27057	1.50	-15.30	20	-80
5260MHz_TnomVmin	Pass	0.97	1.25026	1.50	-16.65	20	-80
5260MHz_TnomVmax	Pass	0.93	1.23880	1.50	-17.41	20	-80
5320MHz_TnomVnom	Pass	0.80	1.20226	1.50	-19.85	20	-80
5320MHz_TnomVmin	Pass	0.80	1.20226	1.50	-19.85	20	-80
5320MHz_TnomVmax	Pass	0.68	1.16950	1.50	-22.03	20	-80
5500MHz_TnomVnom	Pass	1.12	1.29420	1.50	-13.72	50	-50
5500MHz_TnomVmin	Pass	1.05	1.27350	1.50	-15.10	50	-50
5500MHz_TnomVmax	Pass	1.05	1.27350	1.50	-15.10	50	-50
5600MHz_TnomVnom	Pass	0.44	1.10662	1.50	-26.23	50	-50
5600MHz_TnomVmin	Pass	0.53	1.12980	1.50	-24.68	50	-50
5600MHz_TnomVmax	Pass	0.54	1.13240	1.50	-24.51	50	-50
5700MHz_TnomVnom	Pass	0.63	1.15611	1.50	-22.93	50	-50
5700MHz_TnomVmin	Pass	0.61	1.15080	1.50	-23.28	50	-50
5700MHz_TnomVmax	Pass	0.66	1.16413	1.50	-22.39	50	-50
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	-5.05	0.31261	0.50	-37.48	20	-80
5190MHz_TnomVmin	Pass	-5.03	0.31405	0.50	-37.19	20	-80
5190MHz_TnomVmax	Pass	-4.92	0.32211	0.50	-35.58	20	-80
5230MHz_TnomVnom	Pass	-5.04	0.31333	0.50	-37.33	20	-80
5230MHz_TnomVmin	Pass	-4.99	0.31696	0.50	-36.61	20	-80
5230MHz_TnomVmax	Pass	-5.09	0.30974	0.50	-38.05	20	-80
5270MHz_TnomVnom	Pass	-6.26	0.23659	0.50	-52.68	20	-80
5270MHz_TnomVmin	Pass	-6.29	0.23496	0.50	-53.01	20	-80
5270MHz_TnomVmax	Pass	-6.21	0.23933	0.50	-52.13	20	-80



Power Tolerance Result

Appendix A.2

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
5310MHz_TnomVnom	Pass	-6.34	0.23227	0.50	-53.55	20	-80
5310MHz_TnomVmin	Pass	-6.46	0.22594	0.50	-54.81	20	-80
5310MHz_TnomVmax	Pass	-6.38	0.23014	0.50	-53.97	20	-80
5510MHz_TnomVnom	Pass	-6.28	0.23550	0.25	-5.80	50	-50
5510MHz_TnomVmin	Pass	-6.25	0.23714	0.25	-5.15	50	-50
5510MHz_TnomVmax	Pass	-6.20	0.23988	0.25	-4.05	50	-50
5590MHz_TnomVnom	Pass	-6.62	0.21777	0.25	-12.89	50	-50
5590MHz_TnomVmin	Pass	-6.66	0.21577	0.25	-13.69	50	-50
5590MHz_TnomVmax	Pass	-6.68	0.21478	0.25	-14.09	50	-50
5670MHz_TnomVnom	Pass	-6.74	0.21184	0.25	-15.27	50	-50
5670MHz_TnomVmin	Pass	-6.70	0.21380	0.25	-14.48	50	-50
5670MHz_TnomVmax	Pass	-6.83	0.20749	0.25	-17.00	50	-50
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	1.29	1.34586	1.50	-10.28	20	-80
5180MHz_TnomVmin	Pass	1.17	1.30918	1.50	-12.72	20	-80
5180MHz_TnomVmax	Pass	1.23	1.32739	1.50	-11.51	20	-80
5240MHz_TnomVnom	Pass	1.42	1.38676	1.50	-7.55	20	-80
5240MHz_TnomVmin	Pass	1.38	1.37404	1.50	-8.40	20	-80
5240MHz_TnomVmax	Pass	1.38	1.37404	1.50	-8.40	20	-80
5260MHz_TnomVnom	Pass	1.13	1.29718	1.50	-13.52	20	-80
5260MHz_TnomVmin	Pass	1.14	1.30017	1.50	-13.32	20	-80
5260MHz_TnomVmax	Pass	1.20	1.31826	1.50	-12.12	20	-80
5320MHz_TnomVnom	Pass	0.79	1.19950	1.50	-20.03	20	-80
5320MHz_TnomVmin	Pass	0.85	1.21619	1.50	-18.92	20	-80
5320MHz_TnomVmax	Pass	0.86	1.21899	1.50	-18.73	20	-80
5500MHz_TnomVnom	Pass	1.21	1.32130	1.50	-11.91	50	-50
5500MHz_TnomVmin	Pass	1.28	1.34276	1.50	-10.48	50	-50
5500MHz_TnomVmax	Pass	1.21	1.32130	1.50	-11.91	50	-50
5600MHz_TnomVnom	Pass	0.50	1.12202	1.50	-25.20	50	-50
5600MHz_TnomVmin	Pass	0.56	1.13763	1.50	-24.16	50	-50
5600MHz_TnomVmax	Pass	0.52	1.12720	1.50	-24.85	50	-50
5700MHz_TnomVnom	Pass	0.74	1.18577	1.50	-20.95	50	-50
5700MHz_TnomVmin	Pass	0.62	1.15345	1.50	-23.10	50	-50
5700MHz_TnomVmax	Pass	0.74	1.18577	1.50	-20.95	50	-50
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	-4.95	0.31989	0.50	-36.02	20	-80
5190MHz_TnomVmin	Pass	-4.93	0.32137	0.50	-35.73	20	-80
5190MHz_TnomVmax	Pass	-5.00	0.31623	0.50	-36.75	20	-80
5230MHz_TnomVnom	Pass	-4.84	0.32810	0.50	-34.38	20	-80
5230MHz_TnomVmin	Pass	-5.02	0.31477	0.50	-37.05	20	-80



Power Tolerance Result

Appendix A.2

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
5230MHz_TnomVmax	Pass	-5.04	0.31333	0.50	-37.33	20	-80
5270MHz_TnomVnom	Pass	-6.13	0.24378	0.50	-51.24	20	-80
5270MHz_TnomVmin	Pass	-6.03	0.24946	0.50	-50.11	20	-80
5270MHz_TnomVmax	Pass	-6.13	0.24378	0.50	-51.24	20	-80
5310MHz_TnomVnom	Pass	-6.36	0.23121	0.50	-53.76	20	-80
5310MHz_TnomVmin	Pass	-6.24	0.23768	0.50	-52.46	20	-80
5310MHz_TnomVmax	Pass	-6.31	0.23388	0.50	-53.22	20	-80
5510MHz_TnomVnom	Pass	-5.67	0.27102	0.25	8.41	50	-50
5510MHz_TnomVmin	Pass	-5.81	0.26242	0.25	4.97	50	-50
5510MHz_TnomVmax	Pass	-5.82	0.26182	0.25	4.73	50	-50
5590MHz_TnomVnom	Pass	-6.34	0.23227	0.25	-7.09	50	-50
5590MHz_TnomVmin	Pass	-6.38	0.23014	0.25	-7.94	50	-50
5590MHz_TnomVmax	Pass	-6.41	0.22856	0.25	-8.58	50	-50
5670MHz_TnomVnom	Pass	-6.56	0.22080	0.25	-11.68	50	-50
5670MHz_TnomVmin	Pass	-6.55	0.22131	0.25	-11.48	50	-50
5670MHz_TnomVmax	Pass	-6.62	0.21777	0.25	-12.89	50	-50
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	-8.18	0.15205	0.25	-39.18	20	-80
5210MHz_TnomVmin	Pass	-8.40	0.14454	0.25	-42.18	20	-80
5210MHz_TnomVmax	Pass	-8.47	0.14223	0.25	-43.11	20	-80
5290MHz_TnomVnom	Pass	-9.29	0.11776	0.25	-52.90	20	-80
5290MHz_TnomVmin	Pass	-9.25	0.11885	0.25	-52.46	20	-80
5290MHz_TnomVmax	Pass	-9.18	0.12078	0.25	-51.69	20	-80
5530MHz_TnomVnom	Pass	-9.16	0.12134	0.15	-19.11	50	-50
5530MHz_TnomVmin	Pass	-9.27	0.11830	0.15	-21.13	50	-50
5530MHz_TnomVmax	Pass	-9.15	0.12162	0.15	-18.92	50	-50
5610MHz_TnomVnom	Pass	-9.30	0.11749	0.15	-21.67	50	-50
5610MHz_TnomVmin	Pass	-9.63	0.10889	0.15	-27.40	50	-50
5610MHz_TnomVmax	Pass	-9.59	0.10990	0.15	-26.73	50	-50



Frequency Tolerance Result

Appendix B

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5.15-5.25GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.24G	5.23998482G	-2.897	±20	1	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.24G	5.23998458G	-2.943	±20	1	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.19G	5.18998472G	-2.943	±20	1	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.24G	5.23998442G	-2.973	±20	1	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.19G	5.18998451G	-2.985	±20	1	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.21G	5.20998488G	-2.902	±20	1	-
5.25-5.35GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.26G	5.25998449G	-2.948	±20	1	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.26G	5.25998427G	-2.991	±20	1	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.27G	5.26998444G	-2.953	±20	1	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.26G	5.25998416G	-3.011	±20	1	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.27G	5.26998415G	-3.008	±20	1	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.29G	5.28998491G	-2.852	±20	1	-
5.47-5.725GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.7G	5.69998313G	-2.96	±20	1	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.7G	5.69998275G	-3.026	±20	1	-
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.67G	5.66998315G	-2.971	±20	1	-
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.7G	5.69998259G	-3.055	±20	1	-
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.67G	5.66998287G	-3.022	±20	1	-
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.61G	5.60998344G	-2.952	±20	1	-



Frequency Tolerance Result

Appendix B

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11a_Nss1_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.18G	5.17998507G	-2.882	±20	1	-
5180MHz_TnomVmin	Pass	5.18G	5.17998508G	-2.88	±20	1	-
5180MHz_TnomVmax	Pass	5.18G	5.17998507G	-2.883	±20	1	-
5240MHz_TnomVnom	Pass	5.24G	5.23998508G	-2.847	±20	1	-
5240MHz_TnomVmin	Pass	5.24G	5.23998493G	-2.876	±20	1	-
5240MHz_TnomVmax	Pass	5.24G	5.23998482G	-2.897	±20	1	-
5260MHz_TnomVnom	Pass	5.26G	5.25998477G	-2.896	±20	1	-
5260MHz_TnomVmin	Pass	5.26G	5.25998462G	-2.925	±20	1	-
5260MHz_TnomVmax	Pass	5.26G	5.25998449G	-2.948	±20	1	-
5320MHz_TnomVnom	Pass	5.32G	5.31998501G	-2.818	±20	1	-
5320MHz_TnomVmin	Pass	5.32G	5.31998482G	-2.853	±20	1	-
5320MHz_TnomVmax	Pass	5.32G	5.31998469G	-2.878	±20	1	-
5500MHz_TnomVnom	Pass	5.5G	5.4999844G	-2.837	±20	1	-
5500MHz_TnomVmin	Pass	5.5G	5.49998418G	-2.877	±20	1	-
5500MHz_TnomVmax	Pass	5.5G	5.49998403G	-2.904	±20	1	-
5600MHz_TnomVnom	Pass	5.6G	5.59998405G	-2.848	±20	1	-
5600MHz_TnomVmin	Pass	5.6G	5.59998382G	-2.889	±20	1	-
5600MHz_TnomVmax	Pass	5.6G	5.59998367G	-2.916	±20	1	-
5700MHz_TnomVnom	Pass	5.7G	5.6999835G	-2.895	±20	1	-
5700MHz_TnomVmin	Pass	5.7G	5.69998329G	-2.931	±20	1	-
5700MHz_TnomVmax	Pass	5.7G	5.69998313G	-2.96	±20	1	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.18G	5.17998506G	-2.884	±20	1	-
5180MHz_TnomVmin	Pass	5.18G	5.17998506G	-2.883	±20	1	-
5180MHz_TnomVmax	Pass	5.18G	5.17998505G	-2.887	±20	1	-
5240MHz_TnomVnom	Pass	5.24G	5.23998473G	-2.914	±20	1	-
5240MHz_TnomVmin	Pass	5.24G	5.23998466G	-2.927	±20	1	-
5240MHz_TnomVmax	Pass	5.24G	5.23998458G	-2.943	±20	1	-
5260MHz_TnomVnom	Pass	5.26G	5.25998439G	-2.967	±20	1	-
5260MHz_TnomVmin	Pass	5.26G	5.25998432G	-2.982	±20	1	-
5260MHz_TnomVmax	Pass	5.26G	5.25998427G	-2.991	±20	1	-
5320MHz_TnomVnom	Pass	5.32G	5.31998457G	-2.9	±20	1	-
5320MHz_TnomVmin	Pass	5.32G	5.31998449G	-2.915	±20	1	-
5320MHz_TnomVmax	Pass	5.32G	5.31998441G	-2.93	±20	1	-
5500MHz_TnomVnom	Pass	5.5G	5.49998391G	-2.926	±20	1	-
5500MHz_TnomVmin	Pass	5.5G	5.4999838G	-2.945	±20	1	-



Frequency Tolerance Result

Appendix B

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5500MHz_TnomVmax	Pass	5.5G	5.49998371G	-2.963	±20	1	-
5600MHz_TnomVnom	Pass	5.6G	5.59998354G	-2.94	±20	1	-
5600MHz_TnomVmin	Pass	5.6G	5.5999834G	-2.964	±20	1	-
5600MHz_TnomVmax	Pass	5.6G	5.59998332G	-2.979	±20	1	-
5700MHz_TnomVnom	Pass	5.7G	5.699983G	-2.982	±20	1	-
5700MHz_TnomVmin	Pass	5.7G	5.69998287G	-3.005	±20	1	-
5700MHz_TnomVmax	Pass	5.7G	5.69998275G	-3.026	±20	1	-
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.19G	5.18998496G	-2.898	±20	1	-
5190MHz_TnomVmin	Pass	5.19G	5.18998482G	-2.926	±20	1	-
5190MHz_TnomVmax	Pass	5.19G	5.18998472G	-2.943	±20	1	-
5230MHz_TnomVnom	Pass	5.23G	5.22998527G	-2.817	±20	1	-
5230MHz_TnomVmin	Pass	5.23G	5.2299851G	-2.848	±20	1	-
5230MHz_TnomVmax	Pass	5.23G	5.22998496G	-2.875	±20	1	-
5270MHz_TnomVnom	Pass	5.27G	5.26998476G	-2.891	±20	1	-
5270MHz_TnomVmin	Pass	5.27G	5.26998457G	-2.928	±20	1	-
5270MHz_TnomVmax	Pass	5.27G	5.26998444G	-2.953	±20	1	-
5310MHz_TnomVnom	Pass	5.31G	5.3099859G	-2.656	±20	1	-
5310MHz_TnomVmin	Pass	5.31G	5.30998561G	-2.71	±20	1	-
5310MHz_TnomVmax	Pass	5.31G	5.30998538G	-2.753	±20	1	-
5510MHz_TnomVnom	Pass	5.51G	5.50998414G	-2.879	±20	1	-
5510MHz_TnomVmin	Pass	5.51G	5.50998395G	-2.913	±20	1	-
5510MHz_TnomVmax	Pass	5.51G	5.50998381G	-2.939	±20	1	-
5590MHz_TnomVnom	Pass	5.59G	5.58998413G	-2.839	±20	1	-
5590MHz_TnomVmin	Pass	5.59G	5.58998389G	-2.883	±20	1	-
5590MHz_TnomVmax	Pass	5.59G	5.58998371G	-2.915	±20	1	-
5670MHz_TnomVnom	Pass	5.67G	5.66998356G	-2.899	±20	1	-
5670MHz_TnomVmin	Pass	5.67G	5.66998332G	-2.942	±20	1	-
5670MHz_TnomVmax	Pass	5.67G	5.66998315G	-2.971	±20	1	-
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.18G	5.17998503G	-2.89	±20	1	-
5180MHz_TnomVmin	Pass	5.18G	5.17998505G	-2.887	±20	1	-
5180MHz_TnomVmax	Pass	5.18G	5.17998502G	-2.891	±20	1	-
5240MHz_TnomVnom	Pass	5.24G	5.23998453G	-2.953	±20	1	-
5240MHz_TnomVmin	Pass	5.24G	5.23998448G	-2.961	±20	1	-
5240MHz_TnomVmax	Pass	5.24G	5.23998442G	-2.973	±20	1	-
5260MHz_TnomVnom	Pass	5.26G	5.25998424G	-2.996	±20	1	-
5260MHz_TnomVmin	Pass	5.26G	5.2599842G	-3.004	±20	1	-



Frequency Tolerance Result

Appendix B

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5260MHz_TnomVmax	Pass	5.26G	5.25998416G	-3.011	±20	1	-
5320MHz_TnomVnom	Pass	5.32G	5.31998434G	-2.944	±20	1	-
5320MHz_TnomVmin	Pass	5.32G	5.31998429G	-2.953	±20	1	-
5320MHz_TnomVmax	Pass	5.32G	5.31998424G	-2.963	±20	1	-
5500MHz_TnomVnom	Pass	5.5G	5.49998364G	-2.975	±20	1	-
5500MHz_TnomVmin	Pass	5.5G	5.49998359G	-2.983	±20	1	-
5500MHz_TnomVmax	Pass	5.5G	5.49998351G	-2.998	±20	1	-
5600MHz_TnomVnom	Pass	5.6G	5.59998325G	-2.992	±20	1	-
5600MHz_TnomVmin	Pass	5.6G	5.59998319G	-3.002	±20	1	-
5600MHz_TnomVmax	Pass	5.6G	5.59998314G	-3.01	±20	1	-
5700MHz_TnomVnom	Pass	5.7G	5.69998266G	-3.042	±20	1	-
5700MHz_TnomVmin	Pass	5.7G	5.69998262G	-3.05	±20	1	-
5700MHz_TnomVmax	Pass	5.7G	5.69998259G	-3.055	±20	1	-
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.19G	5.18998464G	-2.96	±20	1	-
5190MHz_TnomVmin	Pass	5.19G	5.18998457G	-2.973	±20	1	-
5190MHz_TnomVmax	Pass	5.19G	5.18998451G	-2.985	±20	1	-
5230MHz_TnomVnom	Pass	5.23G	5.22998486G	-2.895	±20	1	-
5230MHz_TnomVmin	Pass	5.23G	5.22998477G	-2.912	±20	1	-
5230MHz_TnomVmax	Pass	5.23G	5.2299847G	-2.925	±20	1	-
5270MHz_TnomVnom	Pass	5.27G	5.26998434G	-2.972	±20	1	-
5270MHz_TnomVmin	Pass	5.27G	5.26998423G	-2.992	±20	1	-
5270MHz_TnomVmax	Pass	5.27G	5.26998415G	-3.008	±20	1	-
5310MHz_TnomVnom	Pass	5.31G	5.30998521G	-2.786	±20	1	-
5310MHz_TnomVmin	Pass	5.31G	5.30998506G	-2.814	±20	1	-
5310MHz_TnomVmax	Pass	5.31G	5.30998491G	-2.841	±20	1	-
5510MHz_TnomVnom	Pass	5.51G	5.5099837G	-2.958	±20	1	-
5510MHz_TnomVmin	Pass	5.51G	5.50998361G	-2.975	±20	1	-
5510MHz_TnomVmax	Pass	5.51G	5.50998354G	-2.986	±20	1	-
5590MHz_TnomVnom	Pass	5.59G	5.58998358G	-2.937	±20	1	-
5590MHz_TnomVmin	Pass	5.59G	5.58998348G	-2.955	±20	1	-
5590MHz_TnomVmax	Pass	5.59G	5.58998339G	-2.971	±20	1	-
5670MHz_TnomVnom	Pass	5.67G	5.66998302G	-2.995	±20	1	-
5670MHz_TnomVmin	Pass	5.67G	5.66998292G	-3.012	±20	1	-
5670MHz_TnomVmax	Pass	5.67G	5.66998287G	-3.022	±20	1	-
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.21G	5.20998515G	-2.851	±20	1	-
5210MHz_TnomVmin	Pass	5.21G	5.20998498G	-2.883	±20	1	-



Frequency Tolerance Result

Appendix B

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5210MHz_TnomVmax	Pass	5.21G	5.20998488G	-2.902	±20	1	-
5290MHz_TnomVnom	Pass	5.29G	5.28998537G	-2.765	±20	1	-
5290MHz_TnomVmin	Pass	5.29G	5.28998511G	-2.814	±20	1	-
5290MHz_TnomVmax	Pass	5.29G	5.28998491G	-2.852	±20	1	-
5530MHz_TnomVnom	Pass	5.53G	5.52998401G	-2.892	±20	1	-
5530MHz_TnomVmin	Pass	5.53G	5.52998381G	-2.928	±20	1	-
5530MHz_TnomVmax	Pass	5.53G	5.52998368G	-2.951	±20	1	-
5610MHz_TnomVnom	Pass	5.61G	5.60998382G	-2.885	±20	1	-
5610MHz_TnomVmin	Pass	5.61G	5.6099836G	-2.923	±20	1	-
5610MHz_TnomVmax	Pass	5.61G	5.60998344G	-2.952	±20	1	-



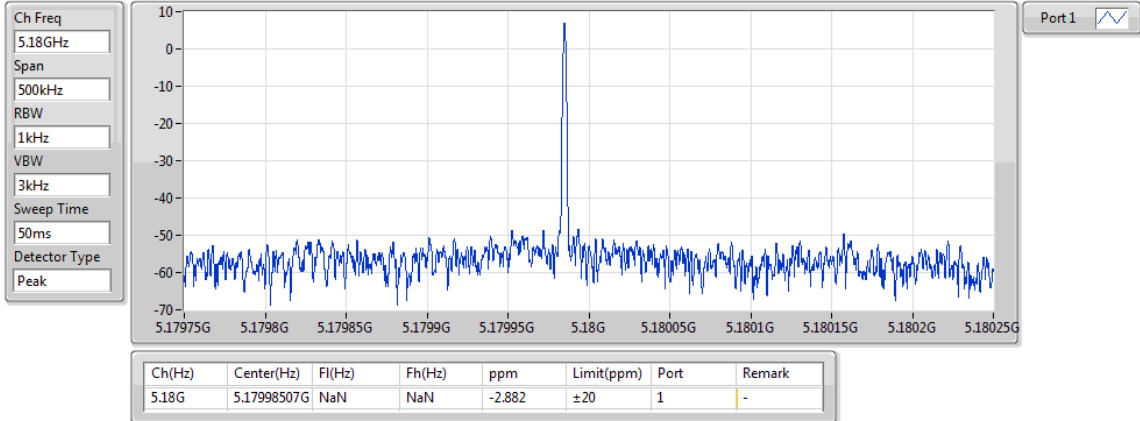
Frequency Tolerance Result

Appendix B

802.11a_Nss1_1TX

Freq. Stability

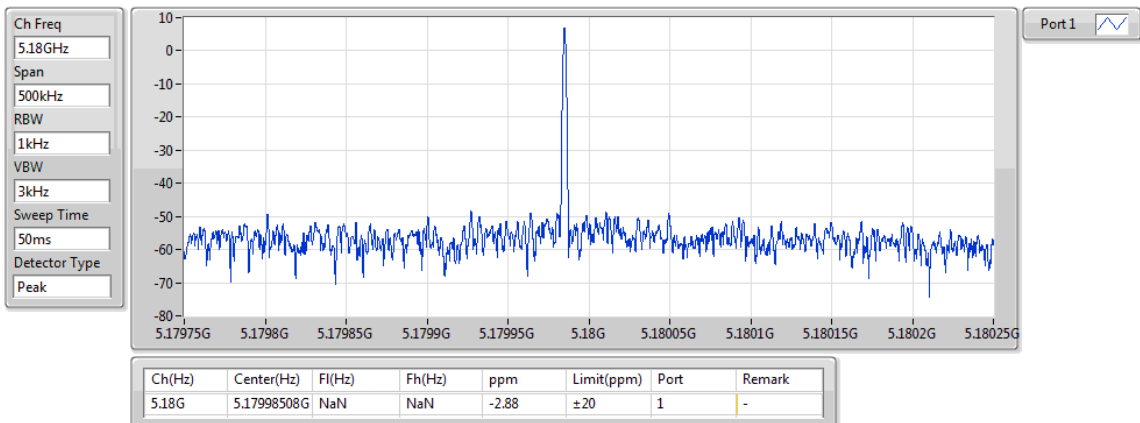
5180MHz_TnomVnom



802.11a_Nss1_1TX

Freq. Stability

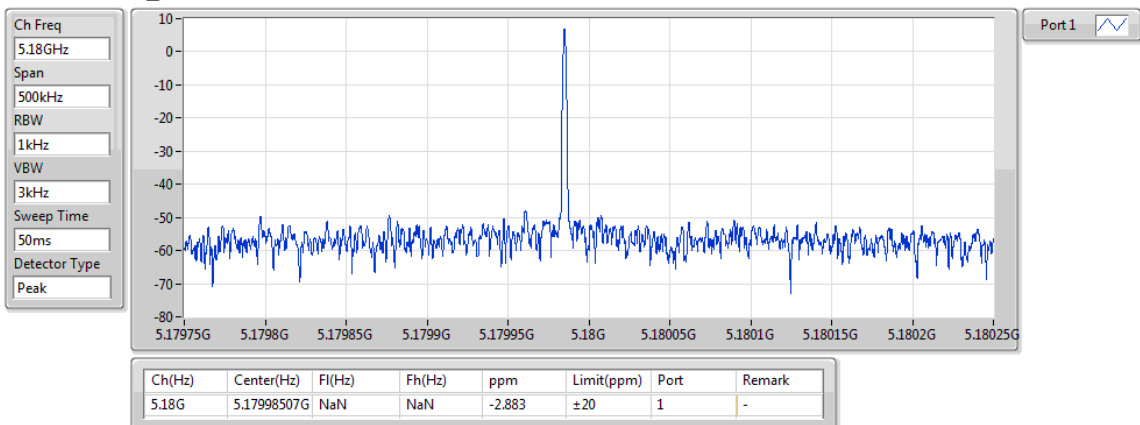
5180MHz_TnomVmin



802.11a_Nss1_1TX

Freq. Stability

5180MHz_TnomVmax





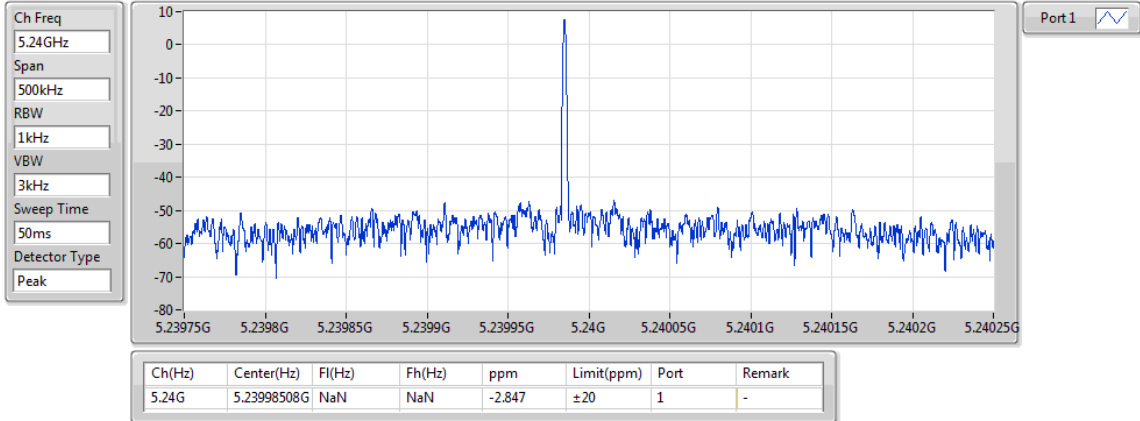
Frequency Tolerance Result

Appendix B

802.11a_Nss1_1TX

Freq. Stability

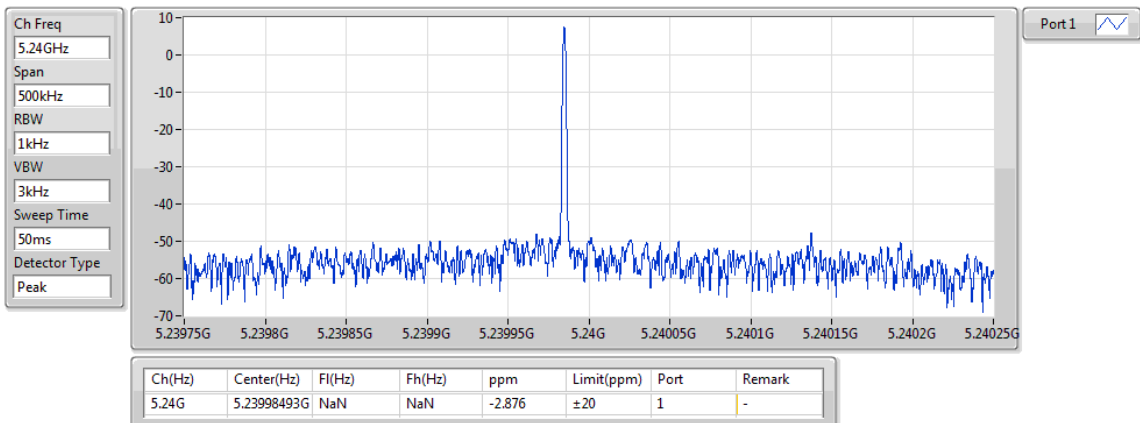
5240MHz_TnomVnom



802.11a_Nss1_1TX

Freq. Stability

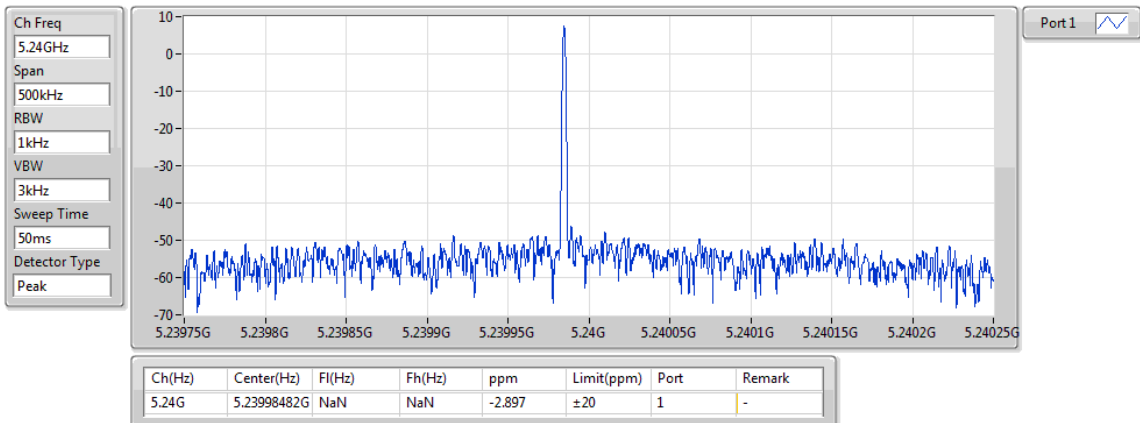
5240MHz_TnomVmin



802.11a_Nss1_1TX

Freq. Stability

5240MHz_TnomVmax





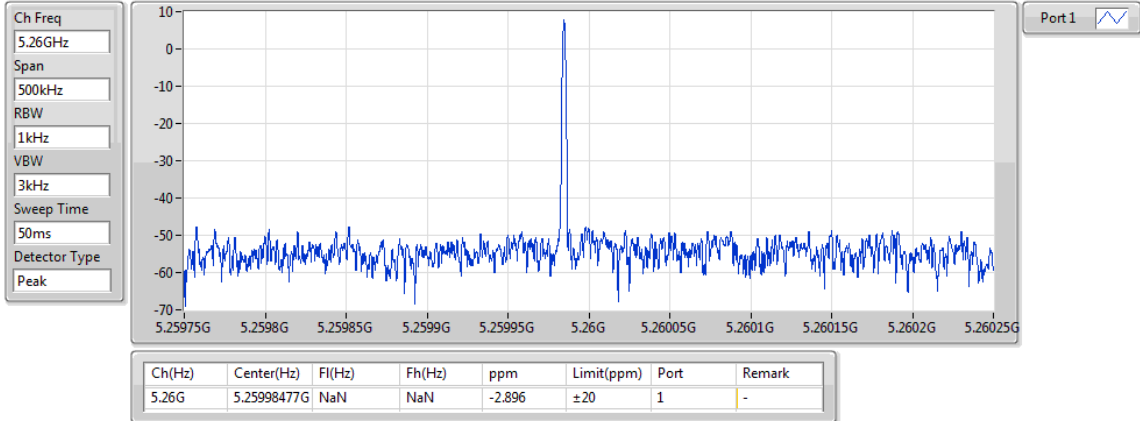
Frequency Tolerance Result

Appendix B

802.11a_Nss1_1TX

Freq. Stability

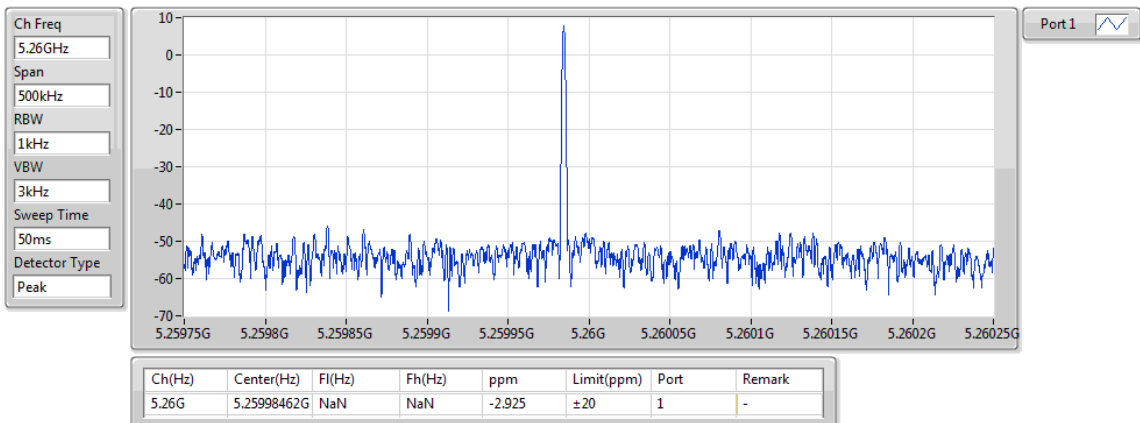
5260MHz_TnomVnom



802.11a_Nss1_1TX

Freq. Stability

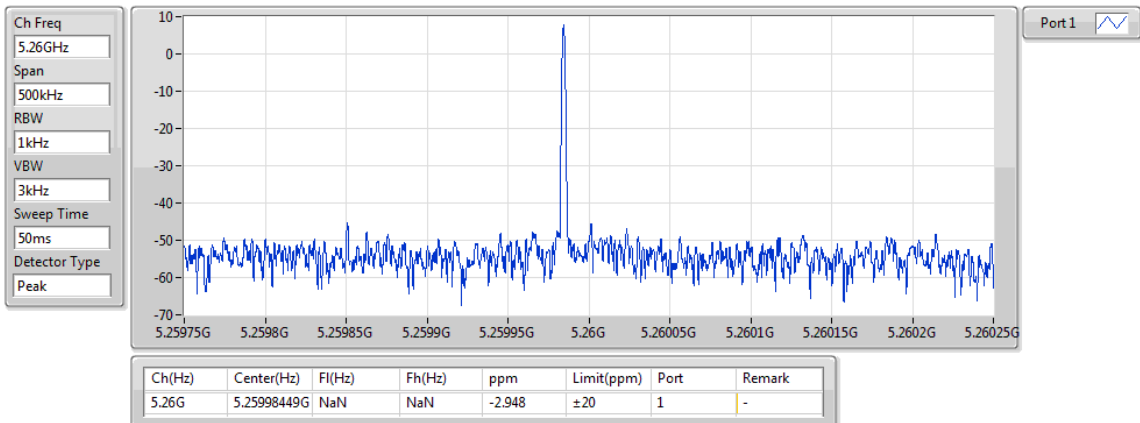
5260MHz_TnomVmin



802.11a_Nss1_1TX

Freq. Stability

5260MHz_TnomVmax





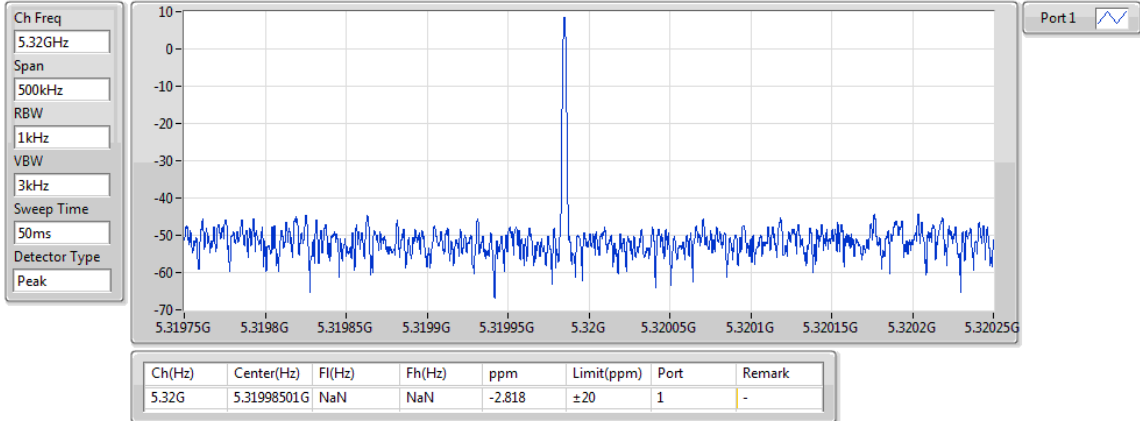
Frequency Tolerance Result

Appendix B

802.11a_Nss1_1TX

Freq. Stability

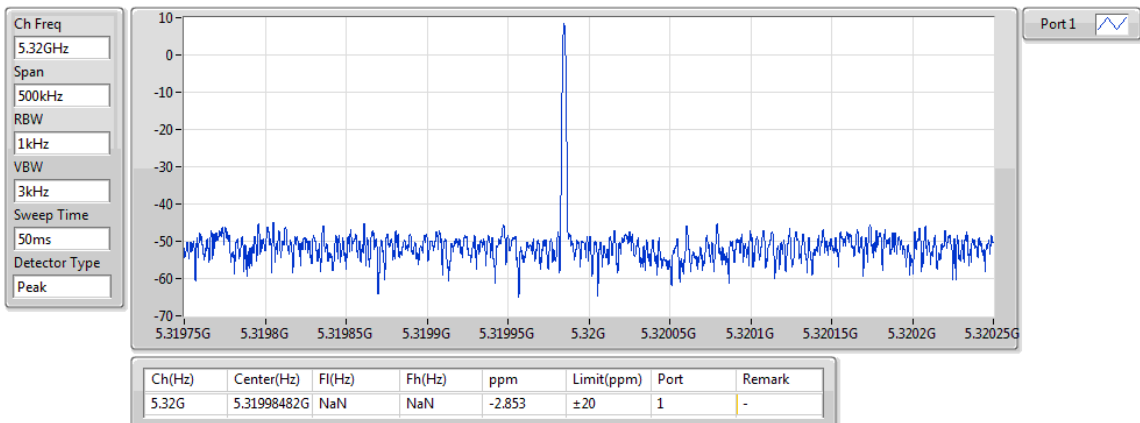
5320MHz_TnomVnom



802.11a_Nss1_1TX

Freq. Stability

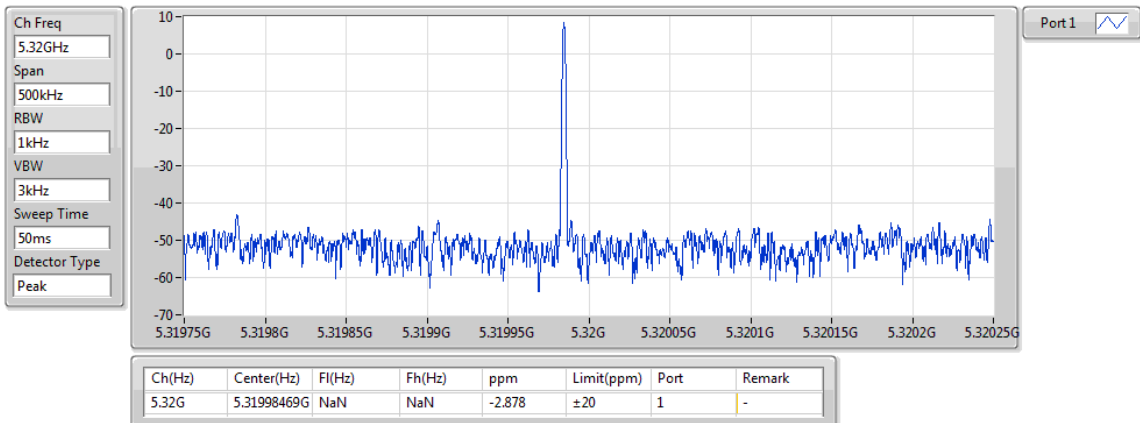
5320MHz_TnomVmin



802.11a_Nss1_1TX

Freq. Stability

5320MHz_TnomVmax





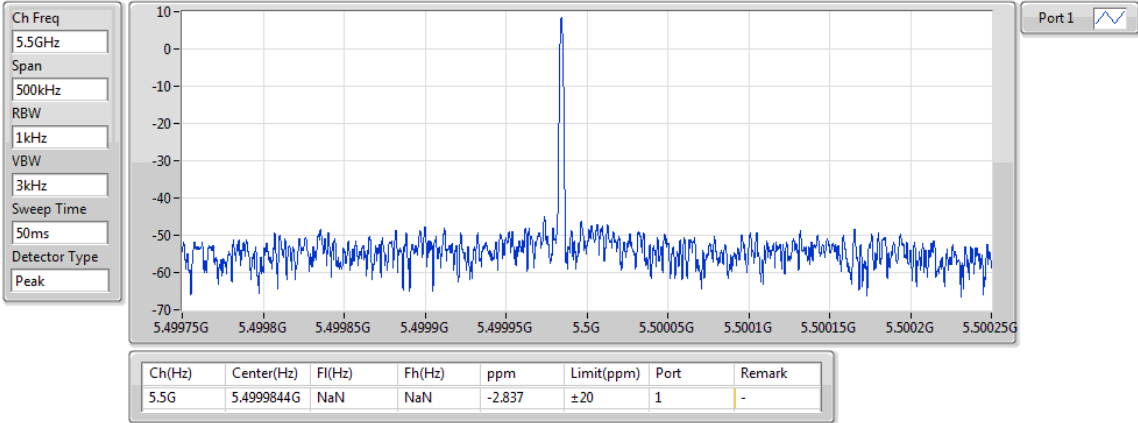
Frequency Tolerance Result

Appendix B

802.11a_Nss1_1TX

Freq. Stability

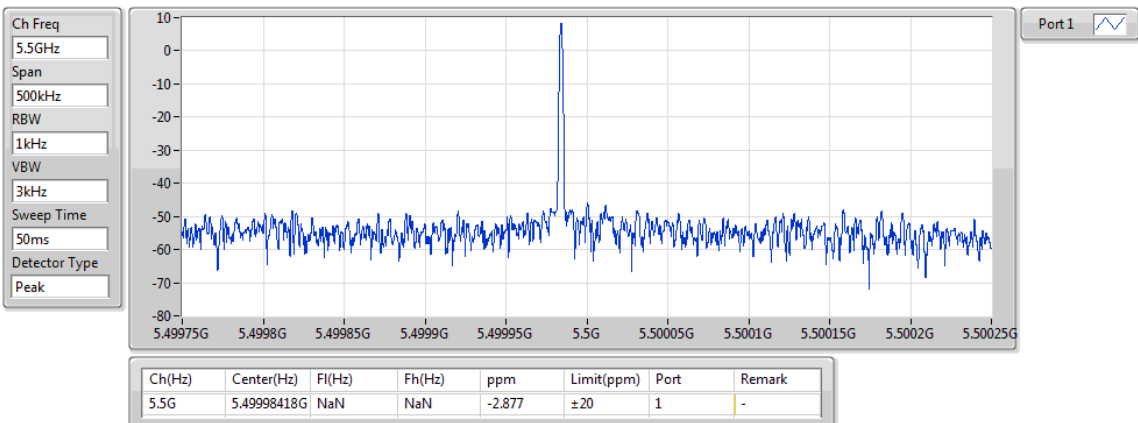
5500MHz_TnomVnom



802.11a_Nss1_1TX

Freq. Stability

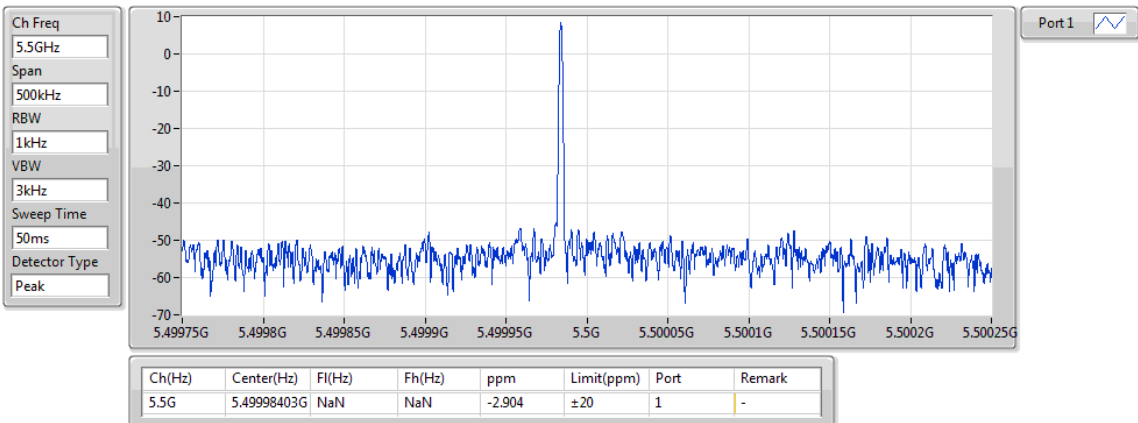
5500MHz_TnomVmin



802.11a_Nss1_1TX

Freq. Stability

5500MHz_TnomVmax





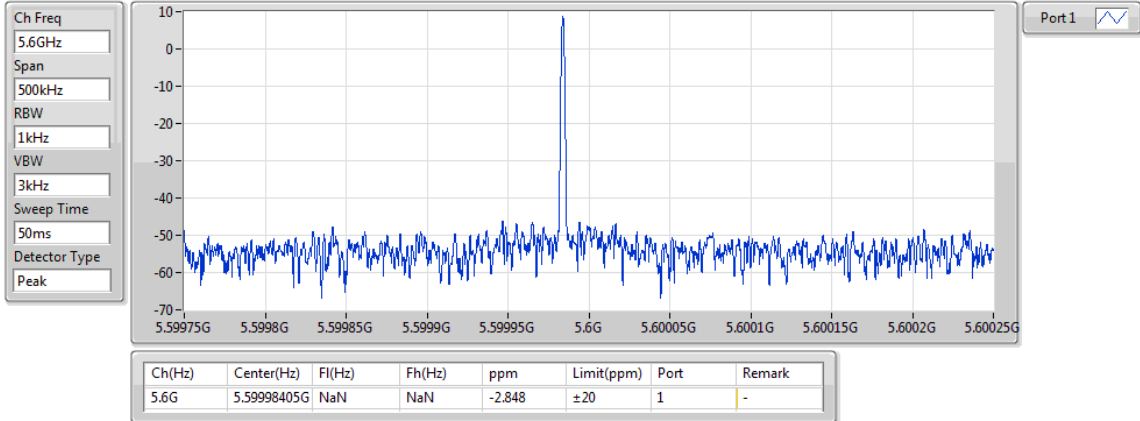
Frequency Tolerance Result

Appendix B

802.11a_Nss1_1TX

Freq. Stability

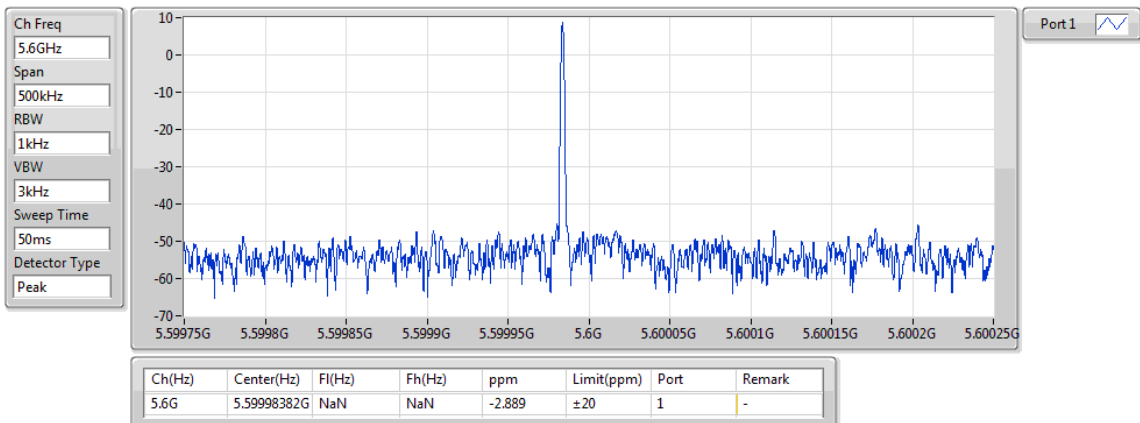
5600MHz_TnomVnom



802.11a_Nss1_1TX

Freq. Stability

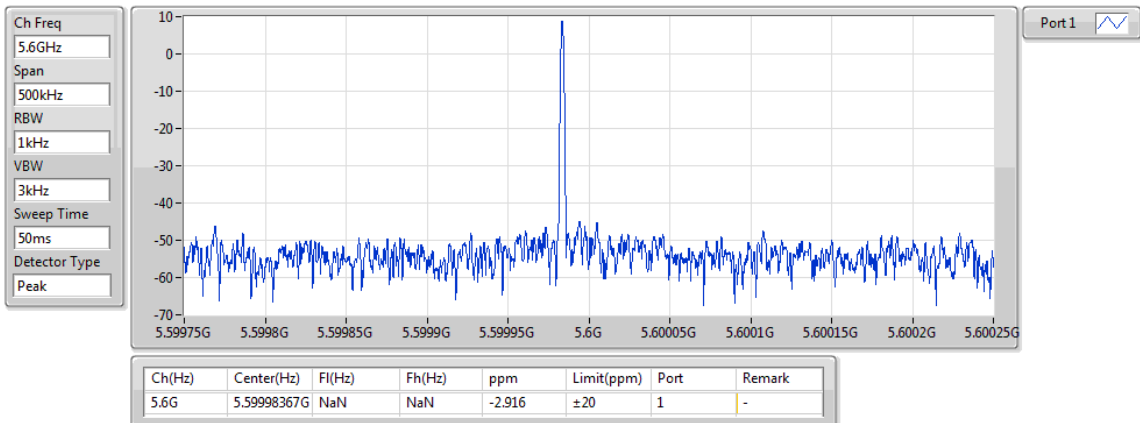
5600MHz_TnomVmin



802.11a_Nss1_1TX

Freq. Stability

5600MHz_TnomVmax





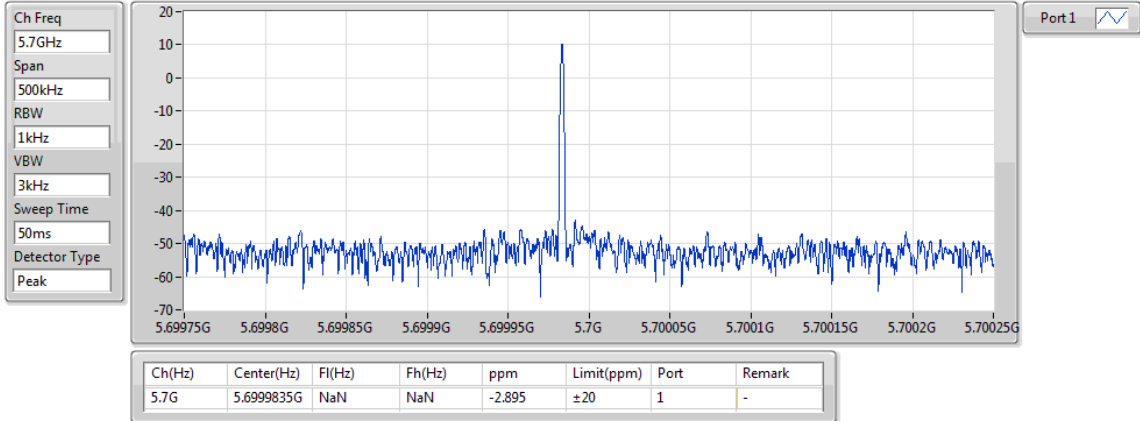
Frequency Tolerance Result

Appendix B

802.11a_Nss1_1TX

Freq. Stability

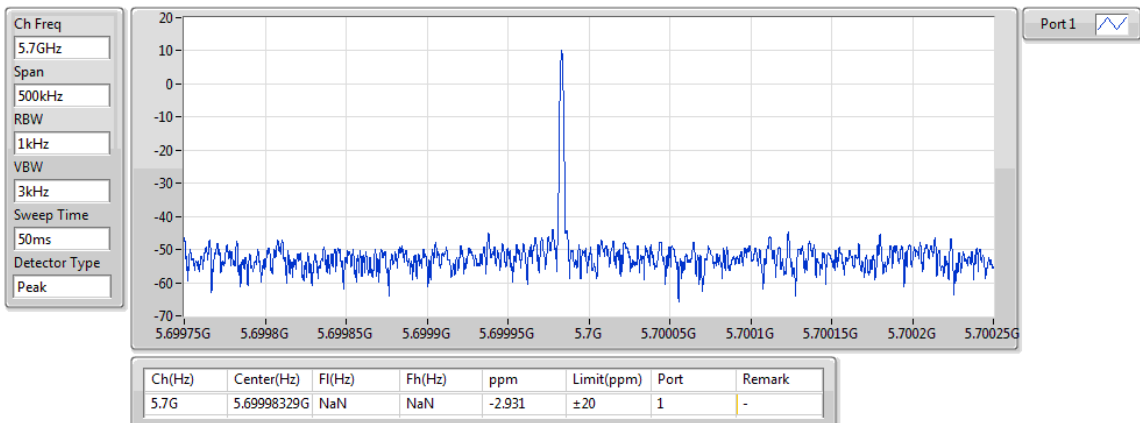
5700MHz_TnomVnom



802.11a_Nss1_1TX

Freq. Stability

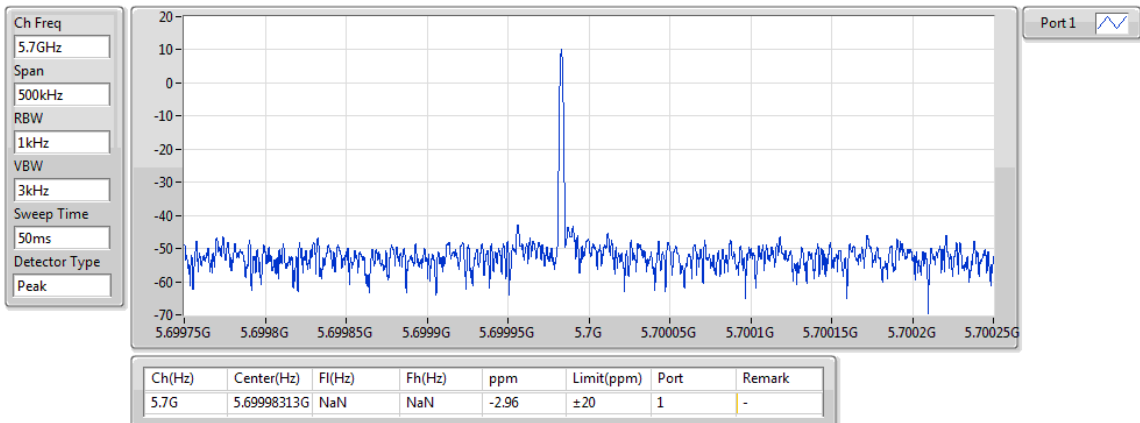
5700MHz_TnomVmin



802.11a_Nss1_1TX

Freq. Stability

5700MHz_TnomVmax





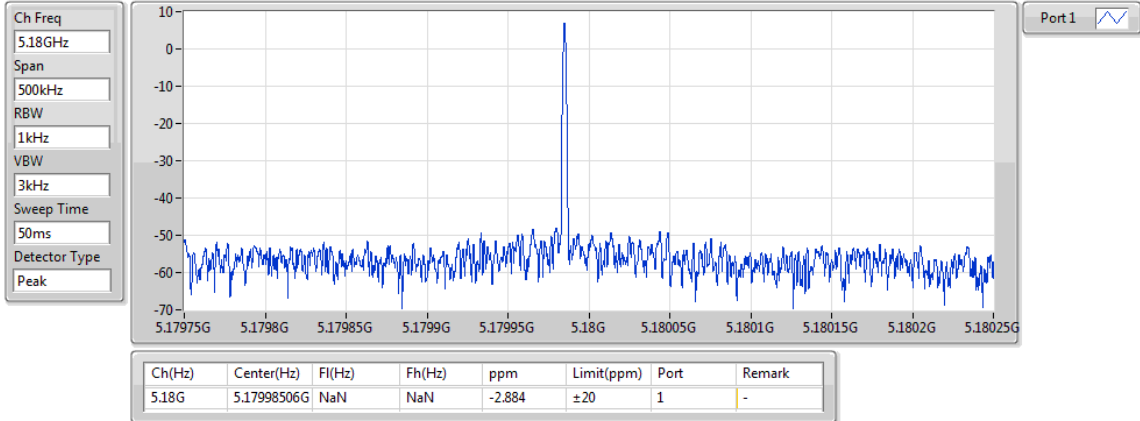
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

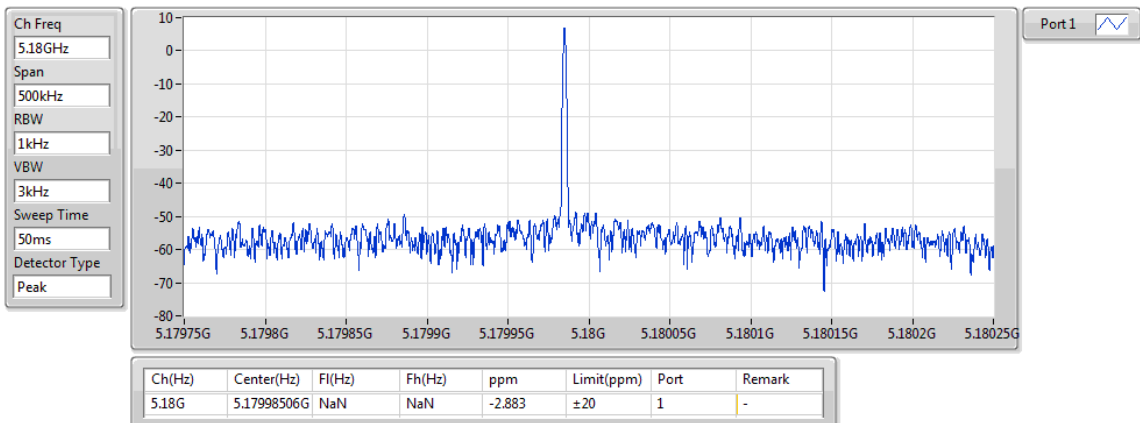
5180MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

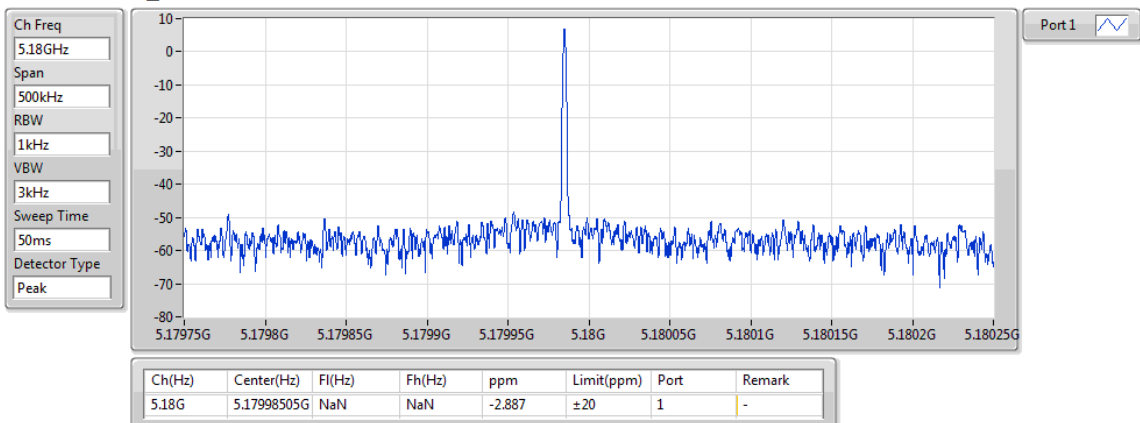
5180MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5180MHz_TnomVmax





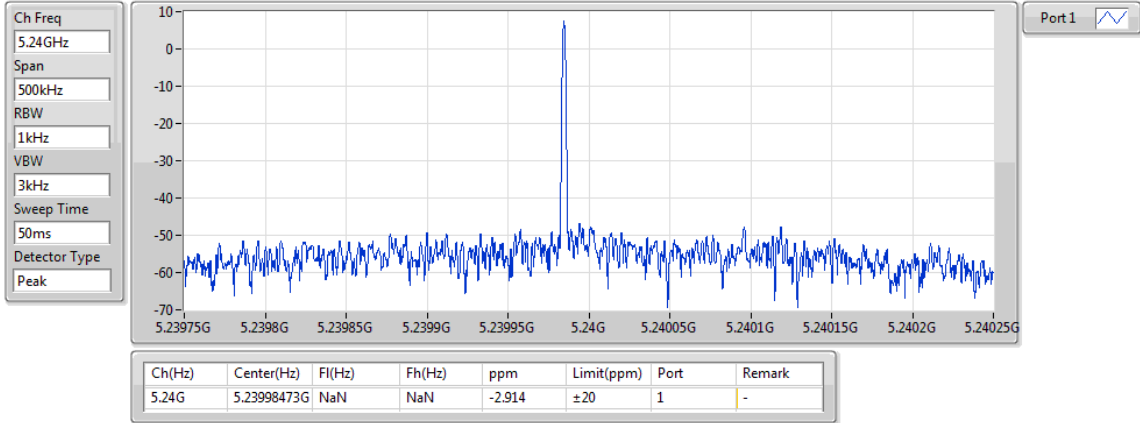
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

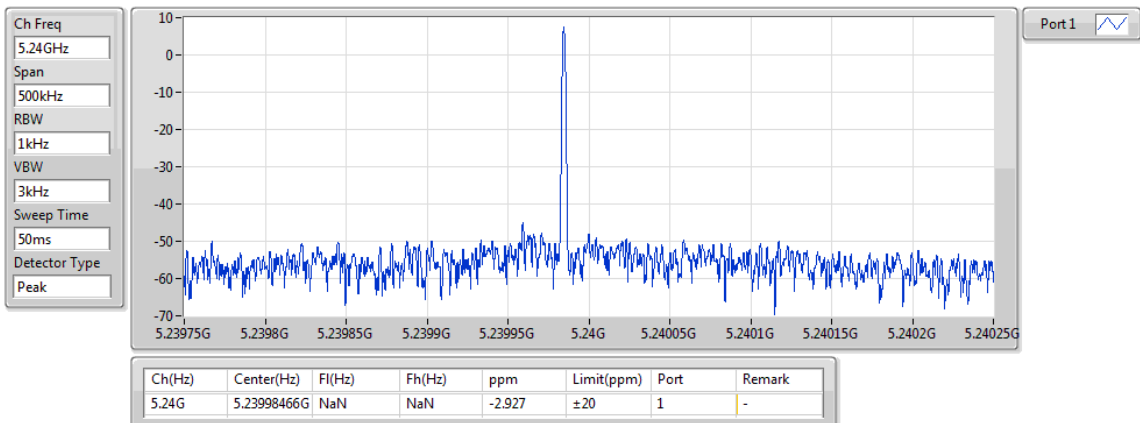
5240MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

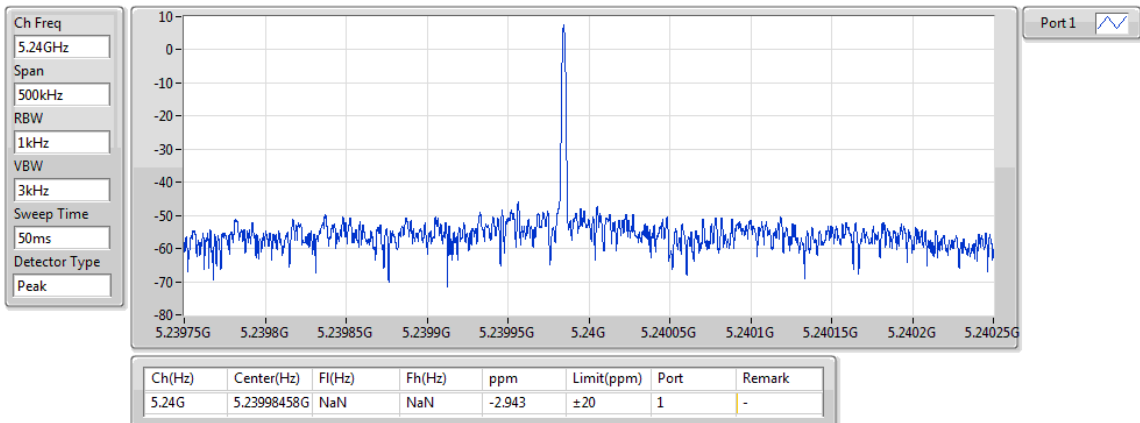
5240MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5240MHz_TnomVmax





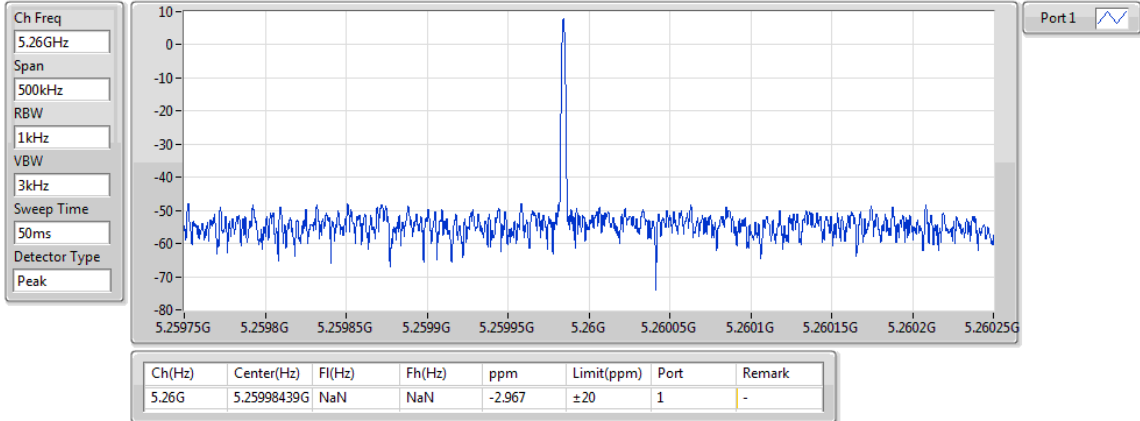
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

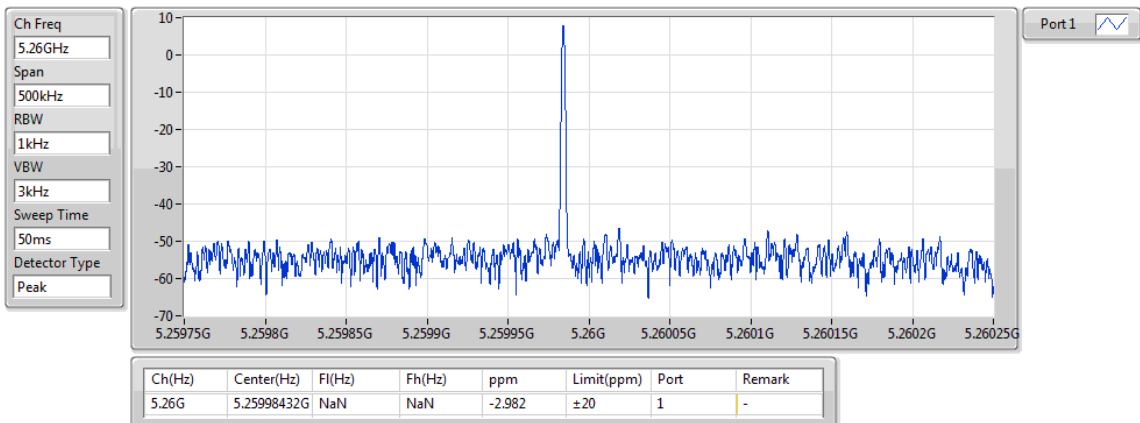
5260MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

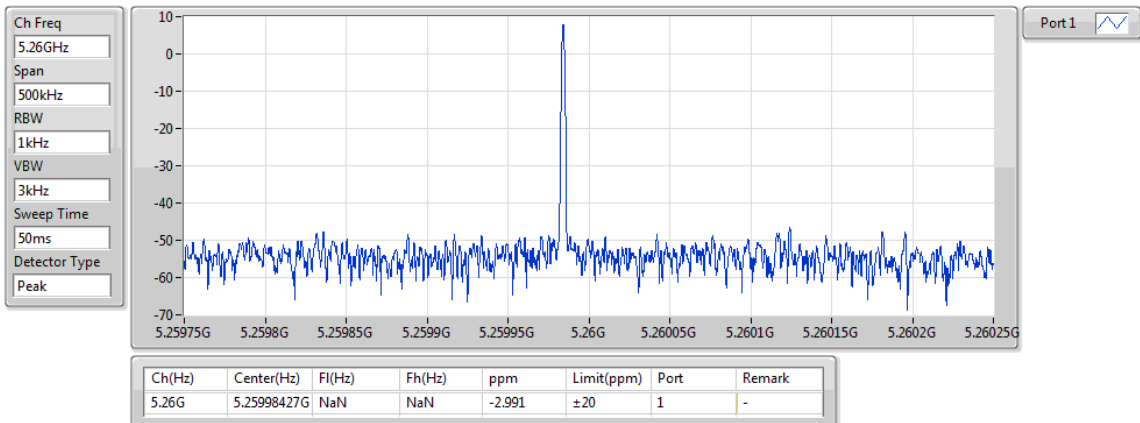
5260MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5260MHz_TnomVmax





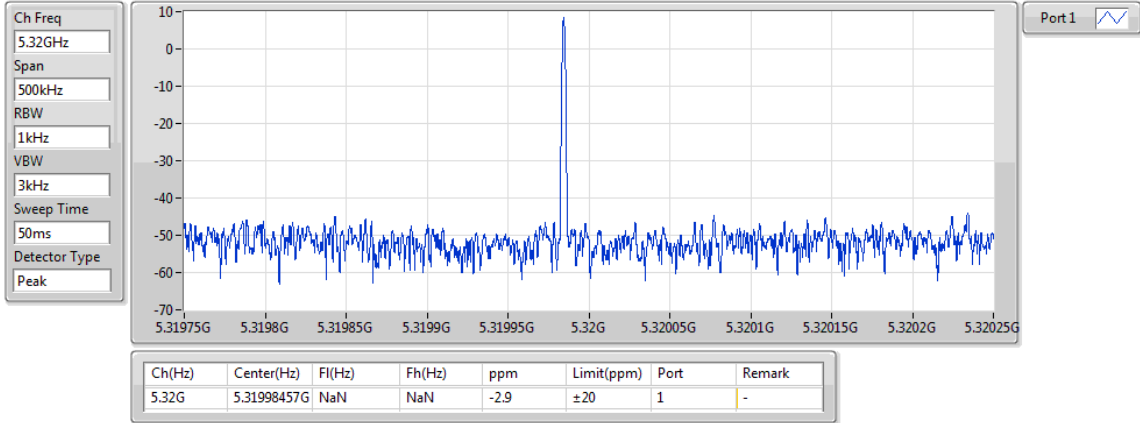
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

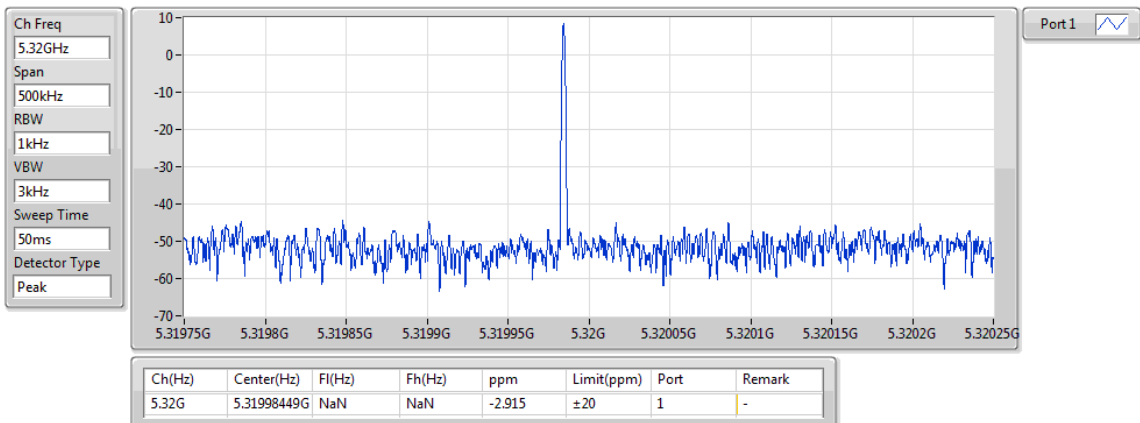
5320MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

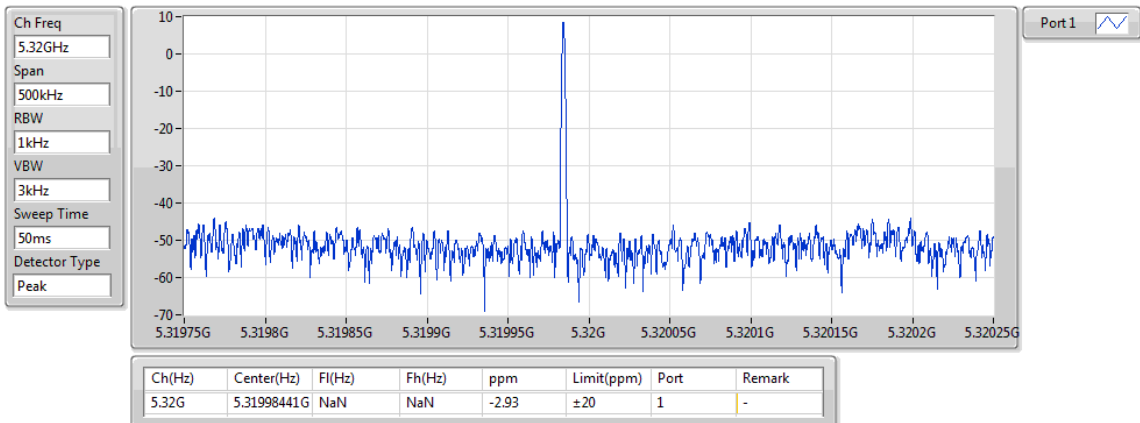
5320MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5320MHz_TnomVmax





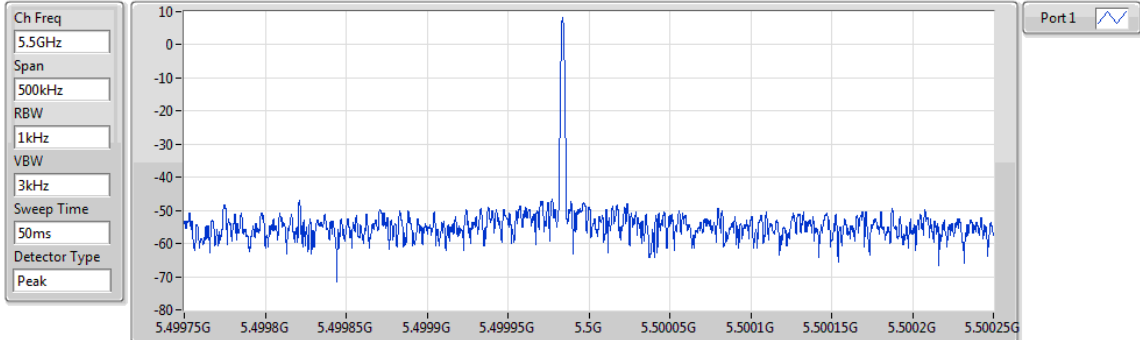
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5500MHz_TnomVnom

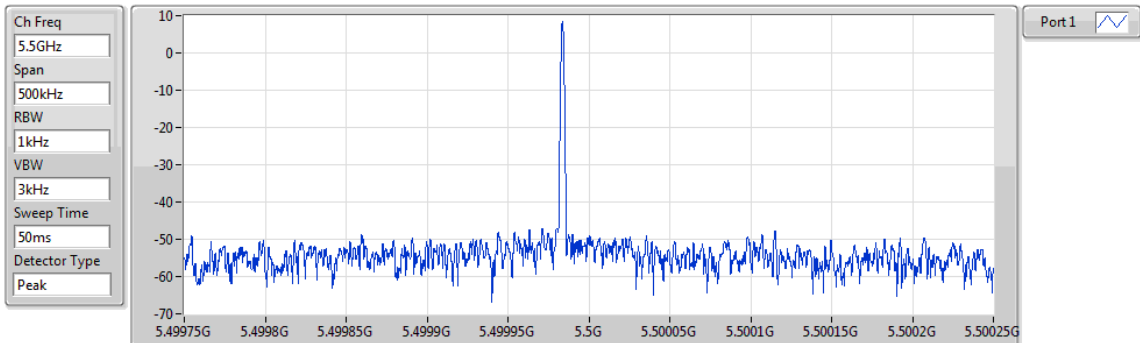


Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.5G	5.49998391G	NaN	NaN	-2.926	±20	1	-

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5500MHz_TnomVmin

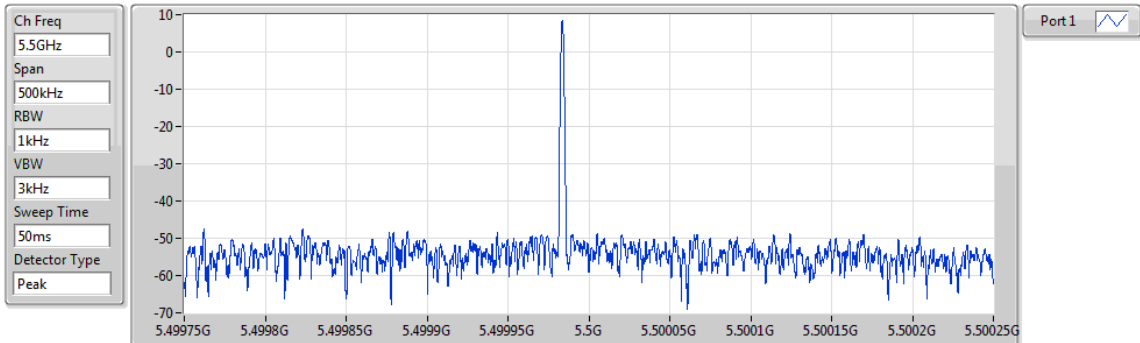


Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.5G	5.4999838G	NaN	NaN	-2.945	±20	1	-

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5500MHz_TnomVmax



Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.5G	5.49998371G	NaN	NaN	-2.963	±20	1	-



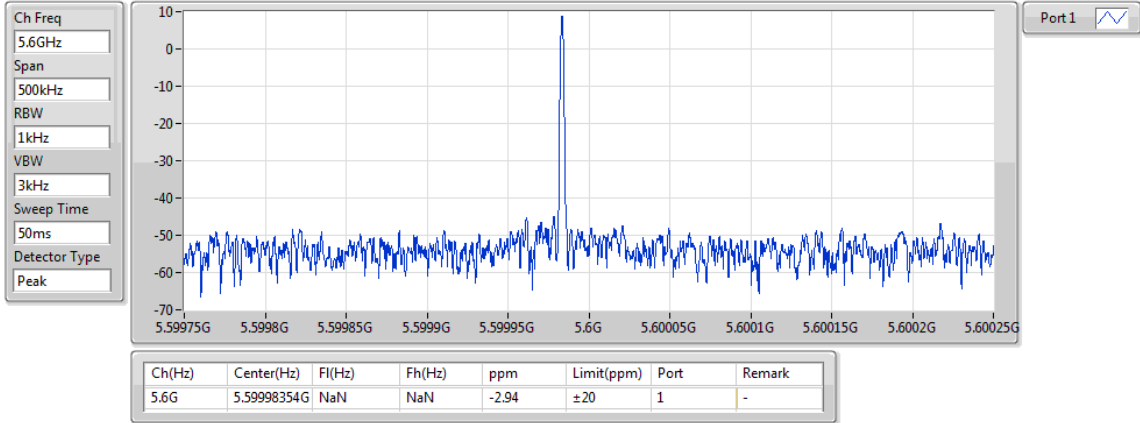
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

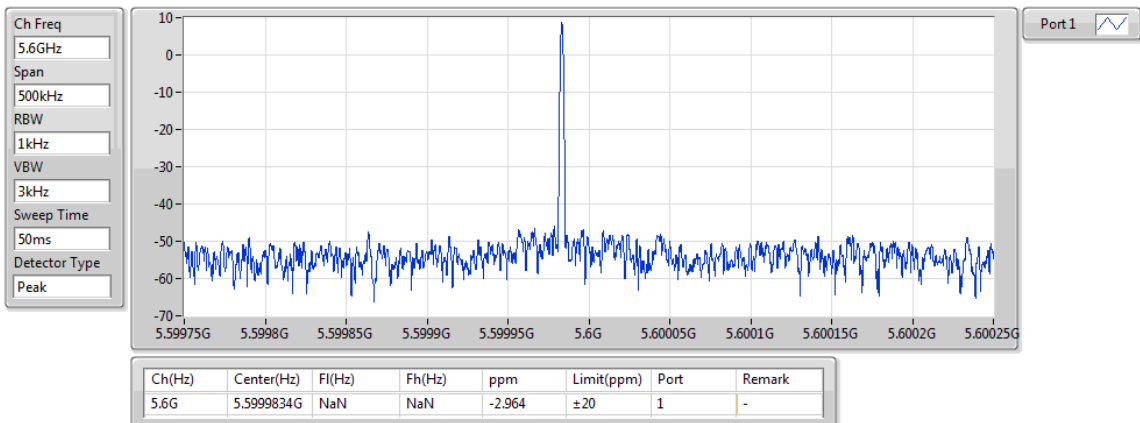
5600MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

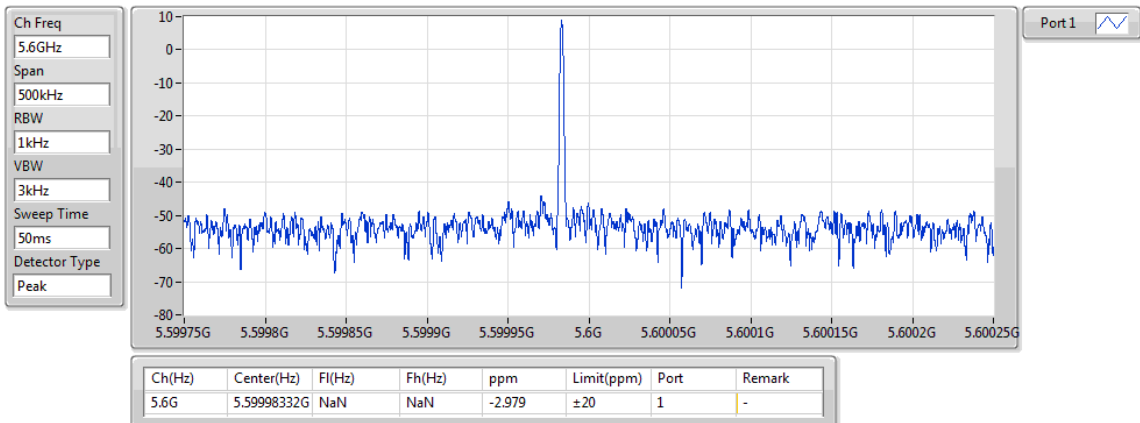
5600MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5600MHz_TnomVmax





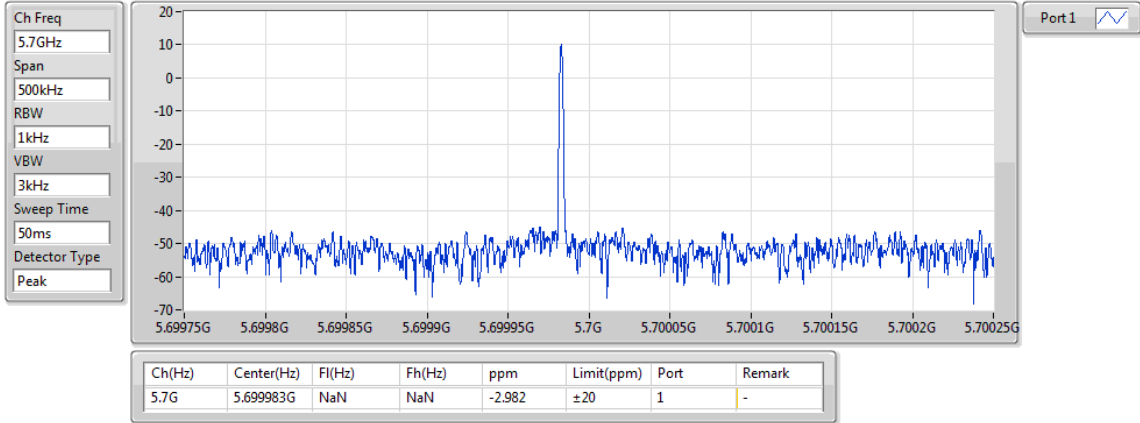
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

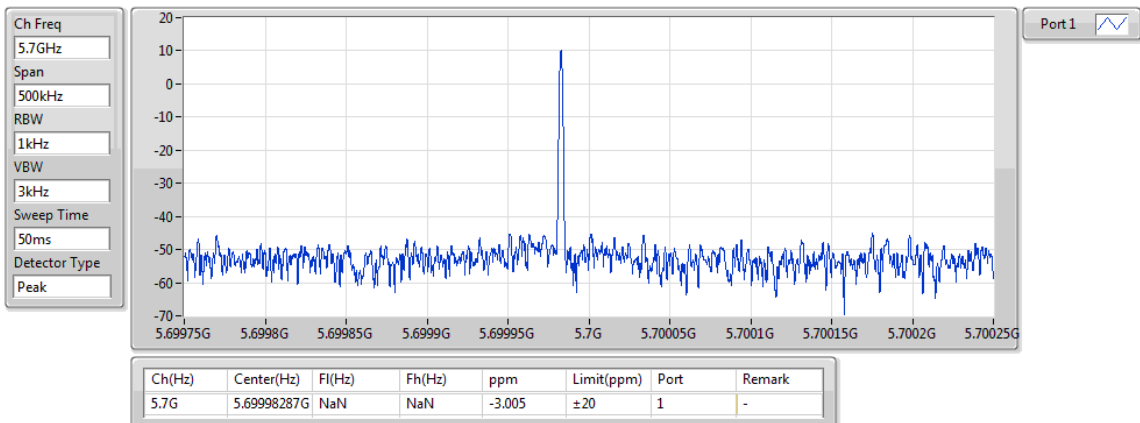
5700MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

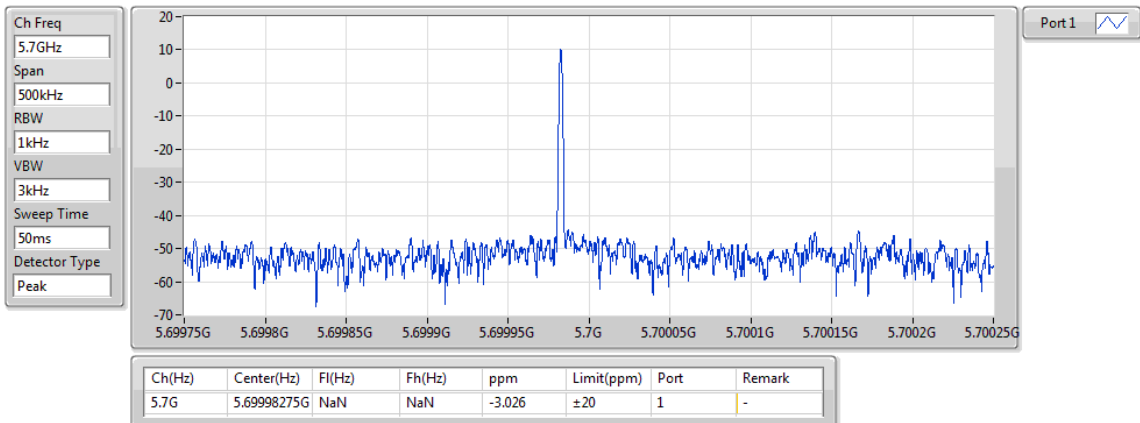
5700MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

5700MHz_TnomVmax





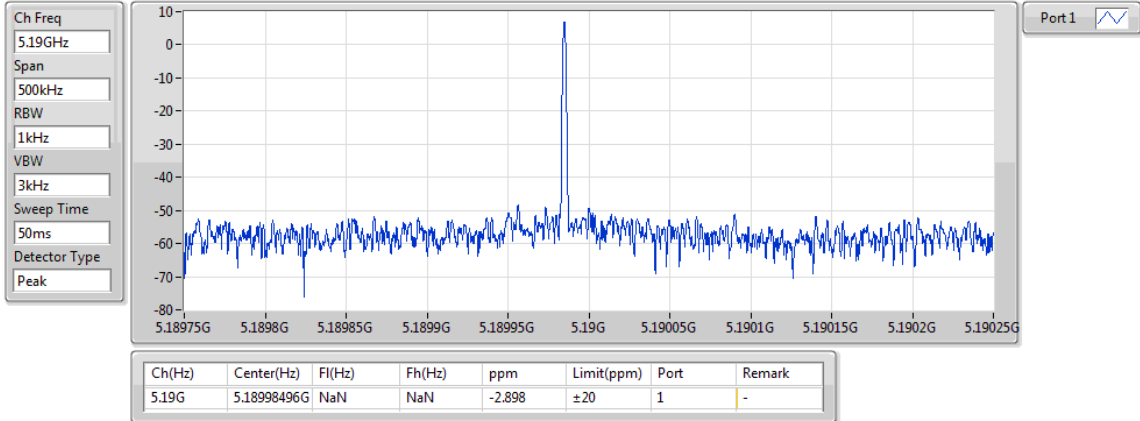
Frequency Tolerance Result

Appendix B

802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

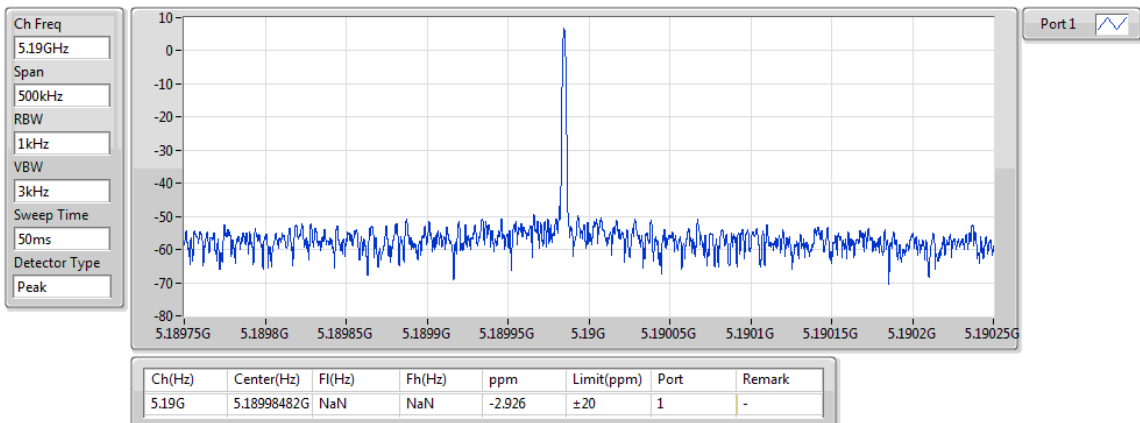
5190MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

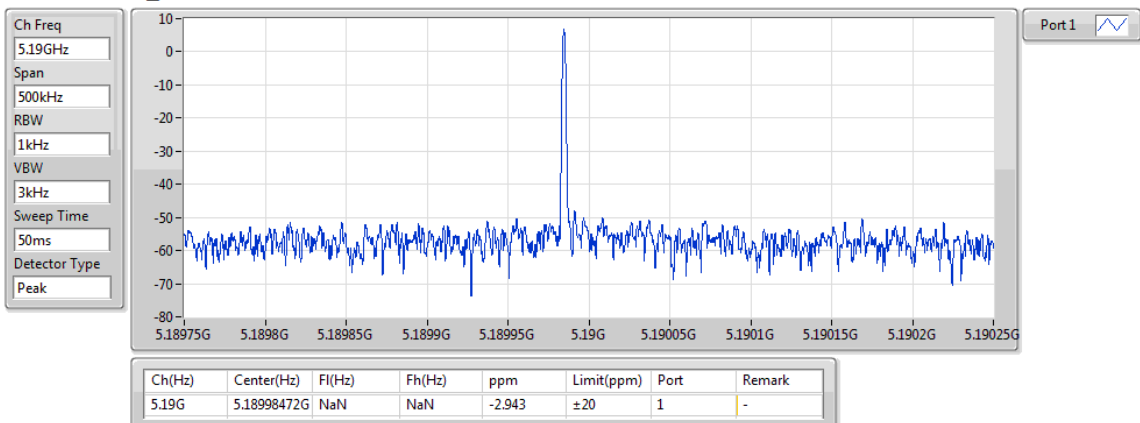
5190MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

5190MHz_TnomVmax





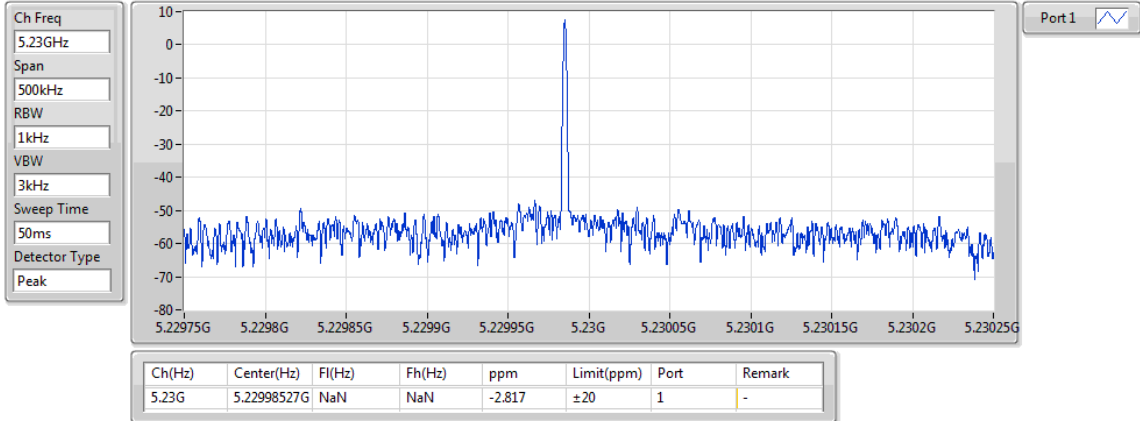
Frequency Tolerance Result

Appendix B

802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

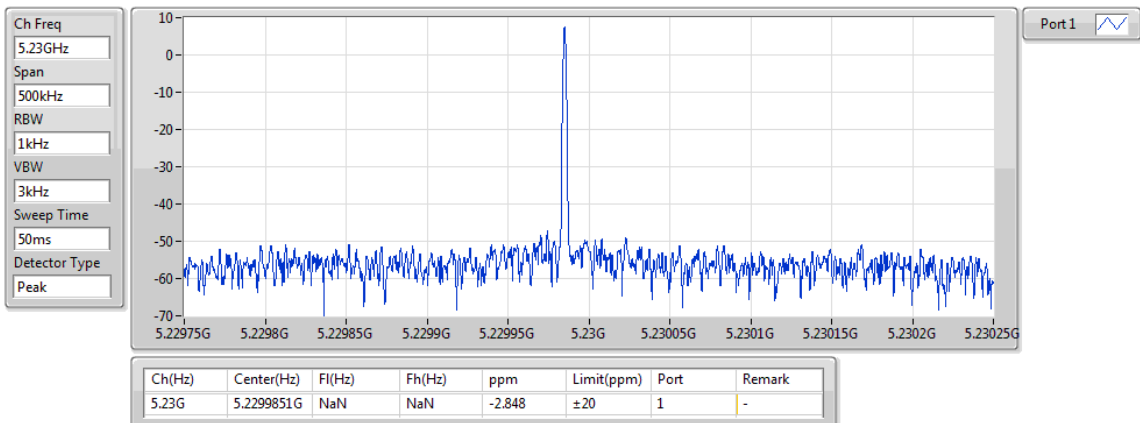
5230MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

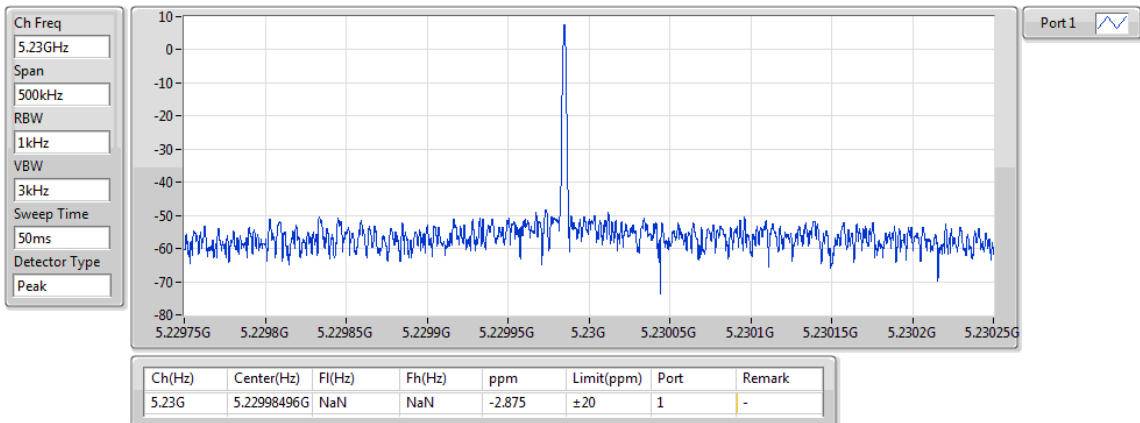
5230MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

5230MHz_TnomVmax





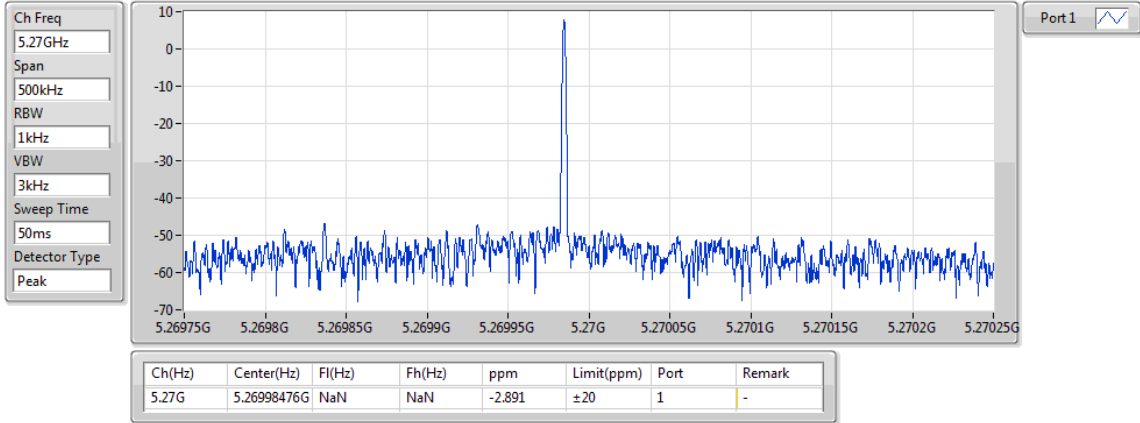
Frequency Tolerance Result

Appendix B

802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

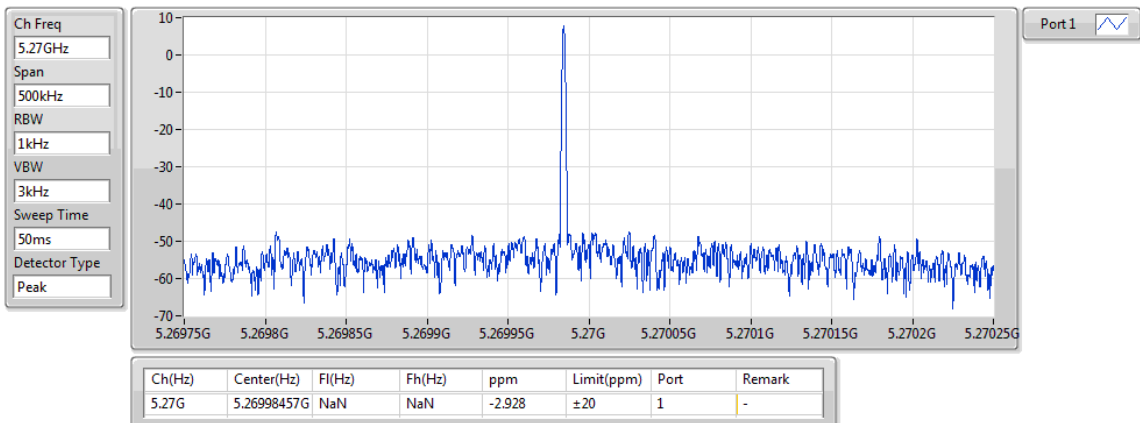
5270MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

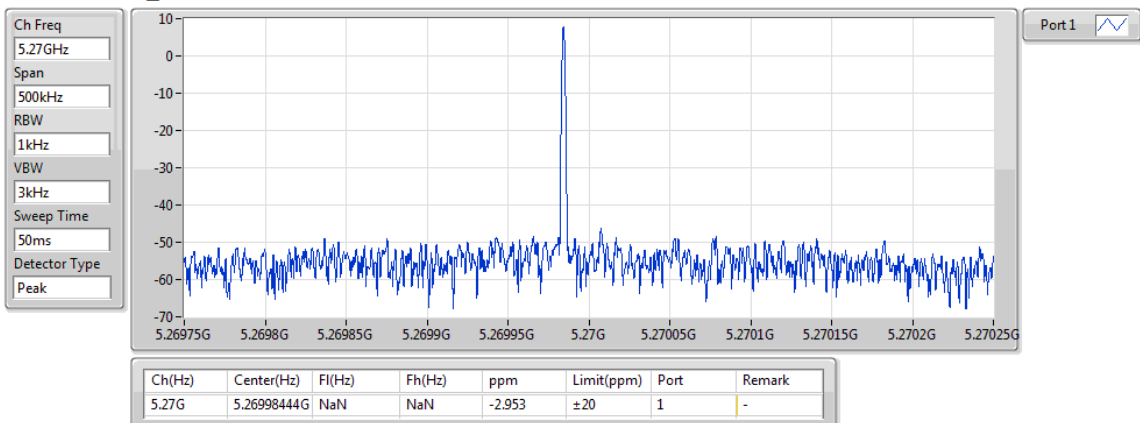
5270MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

5270MHz_TnomVmax





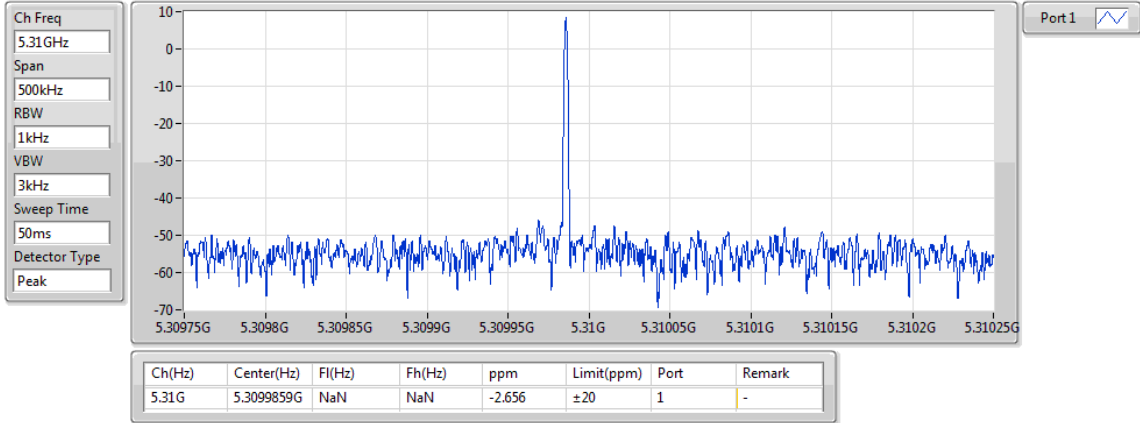
Frequency Tolerance Result

Appendix B

802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

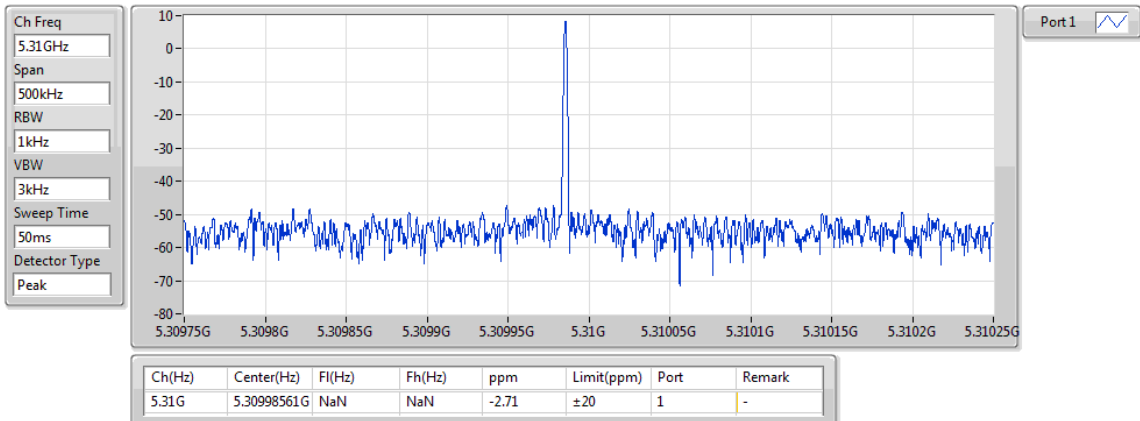
5310MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

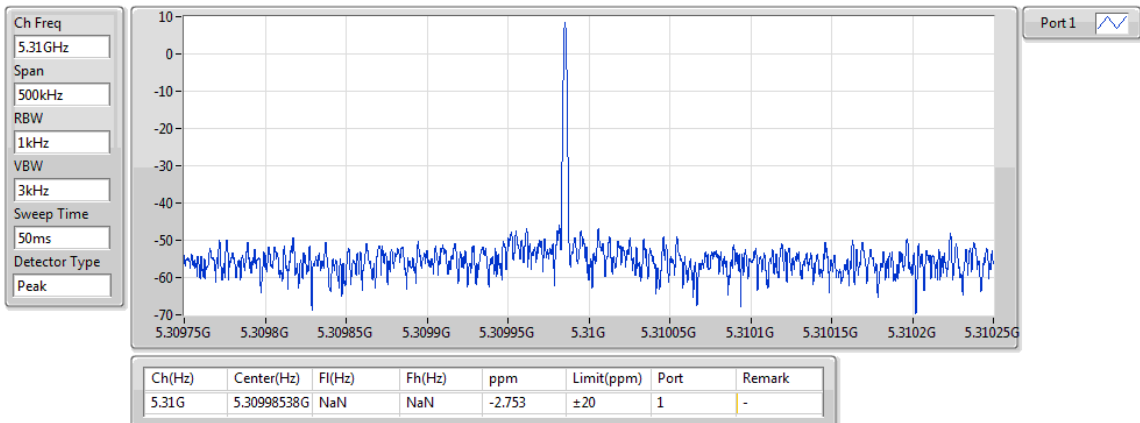
5310MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

5310MHz_TnomVmax





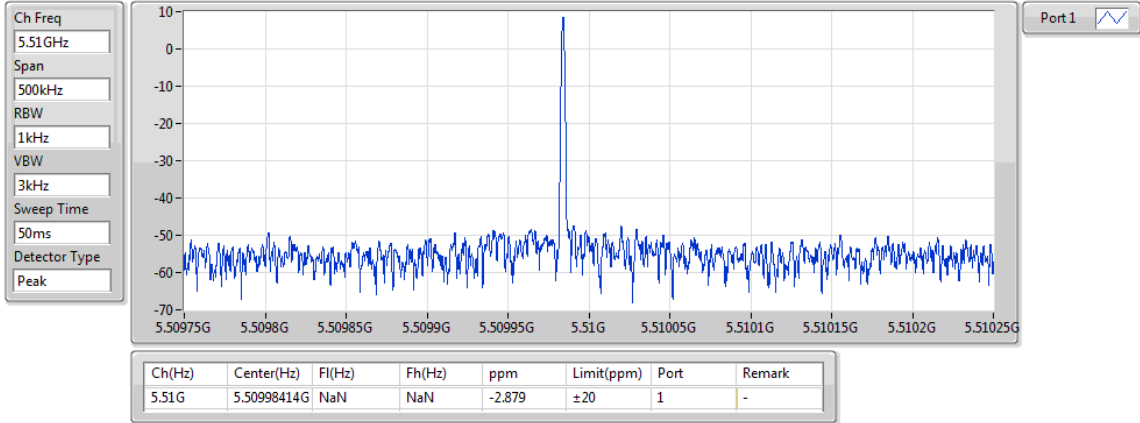
Frequency Tolerance Result

Appendix B

802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

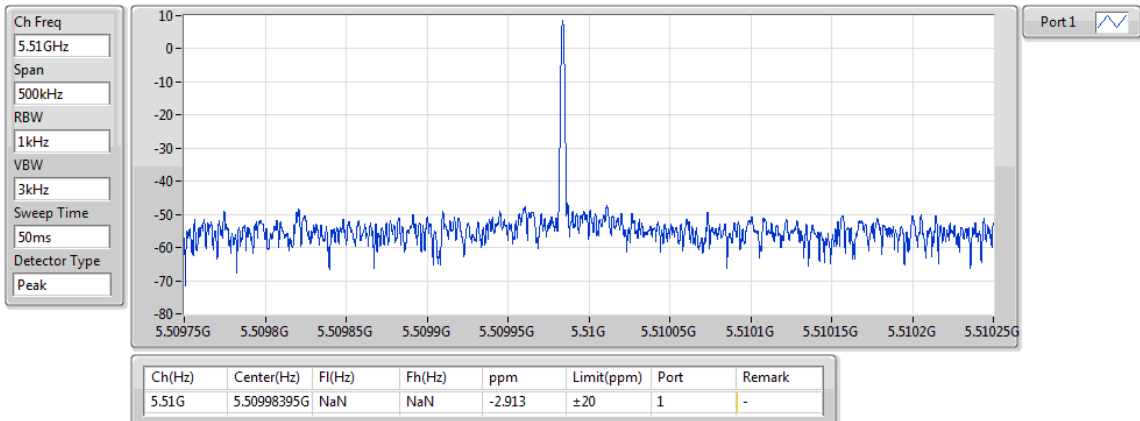
5510MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

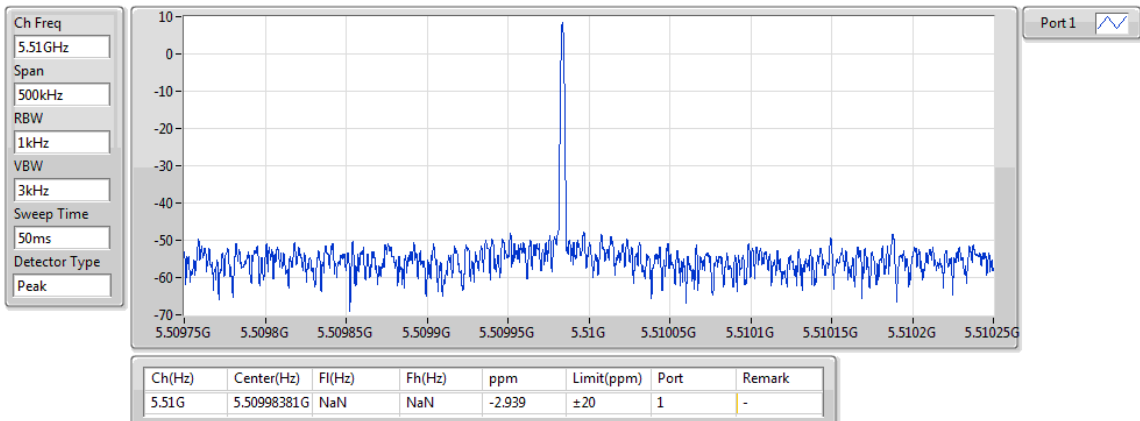
5510MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

5510MHz_TnomVmax





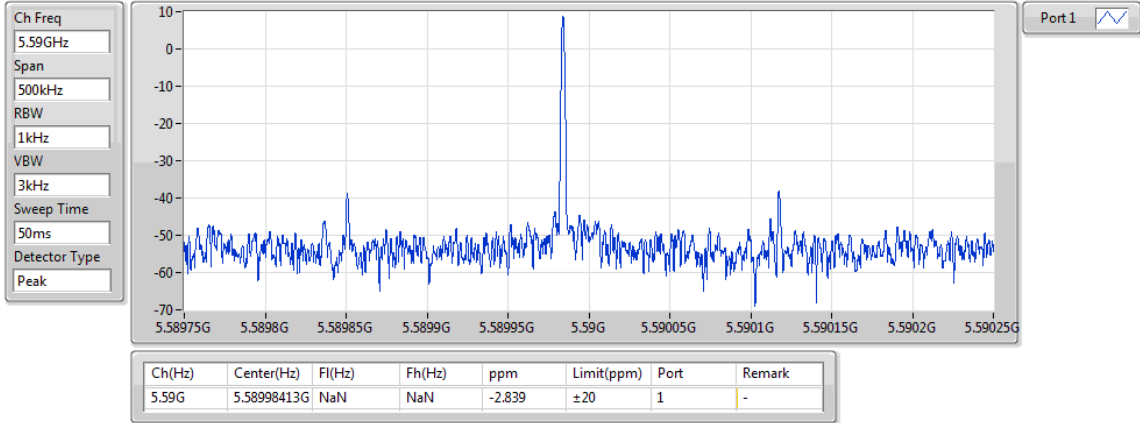
Frequency Tolerance Result

Appendix B

802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

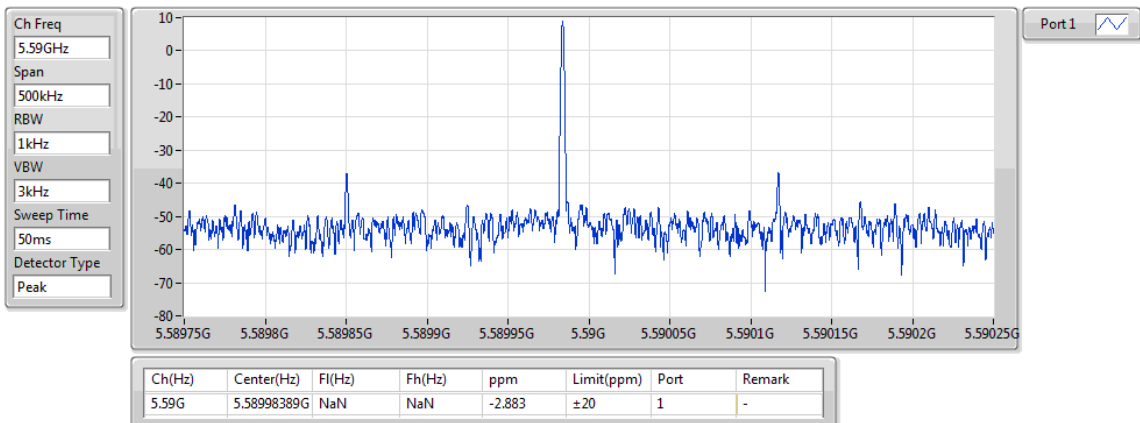
5590MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

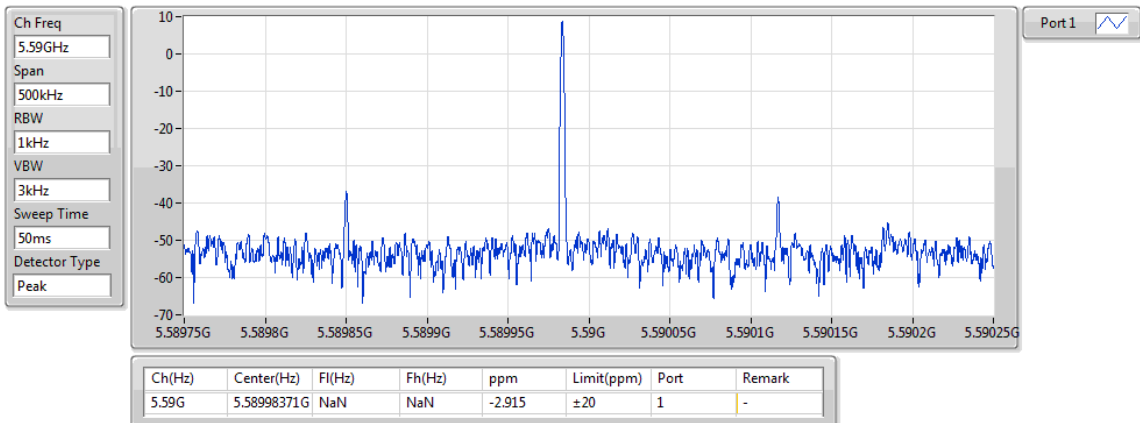
5590MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

5590MHz_TnomVmax





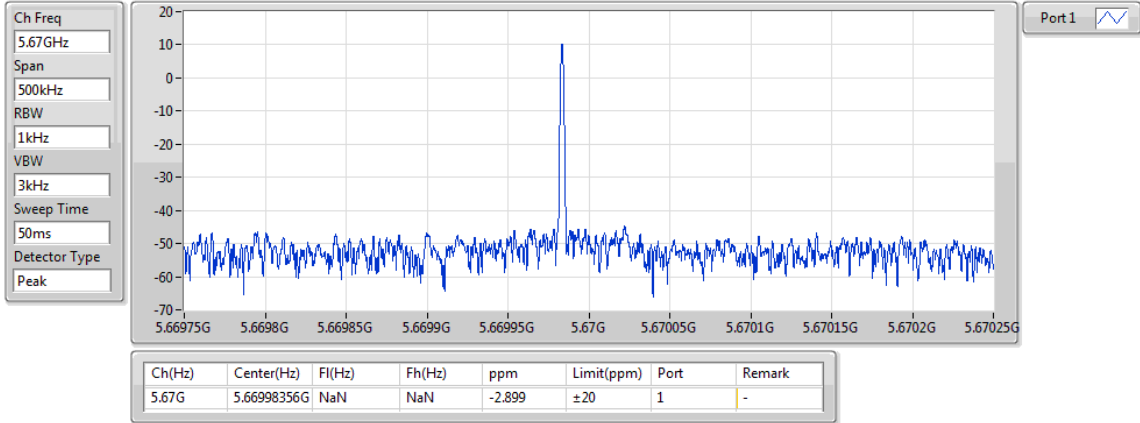
Frequency Tolerance Result

Appendix B

802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

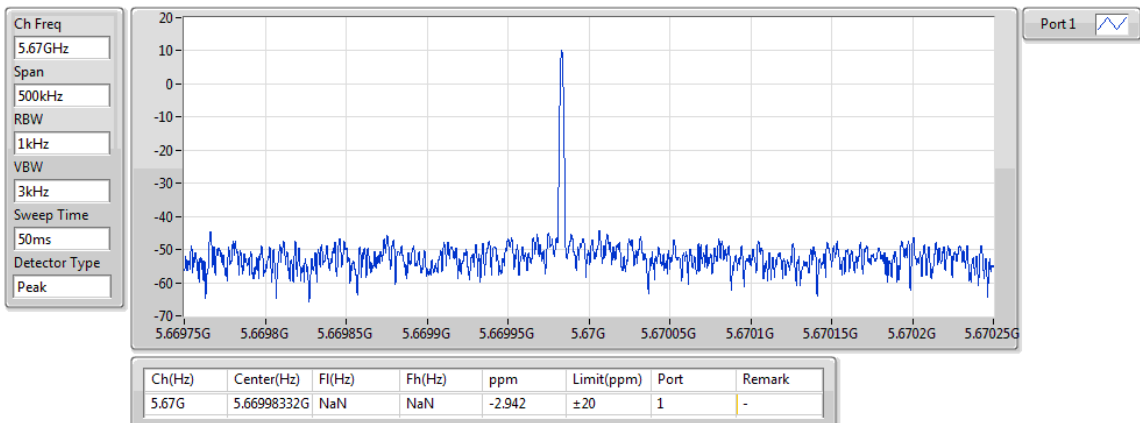
5670MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

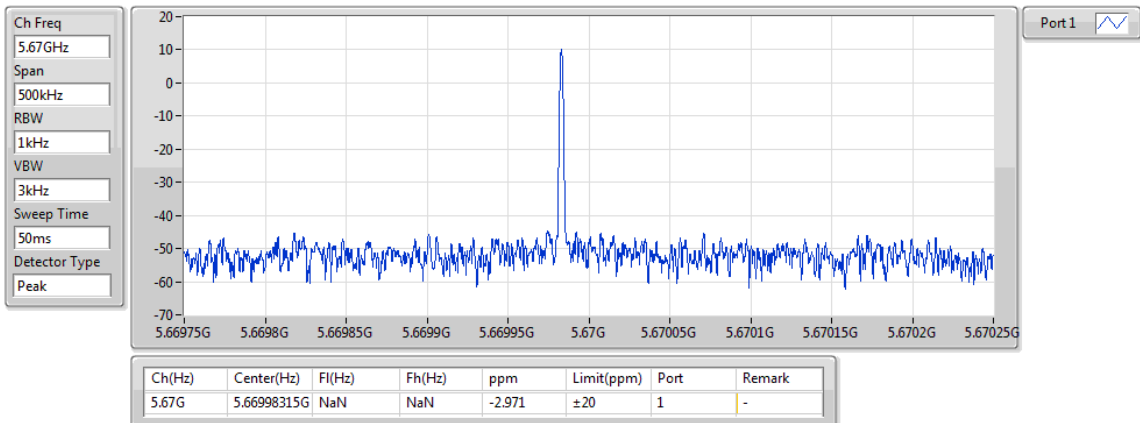
5670MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

Freq. Stability

5670MHz_TnomVmax





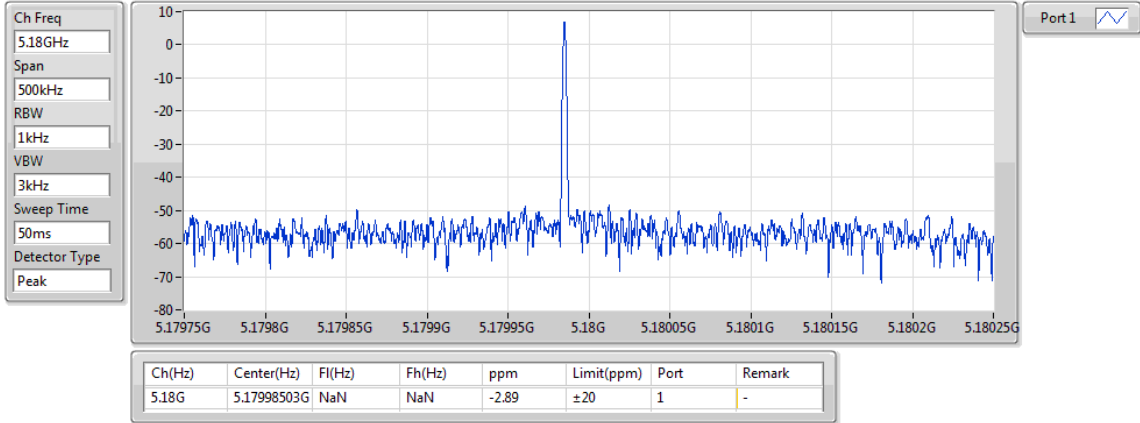
Frequency Tolerance Result

Appendix B

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

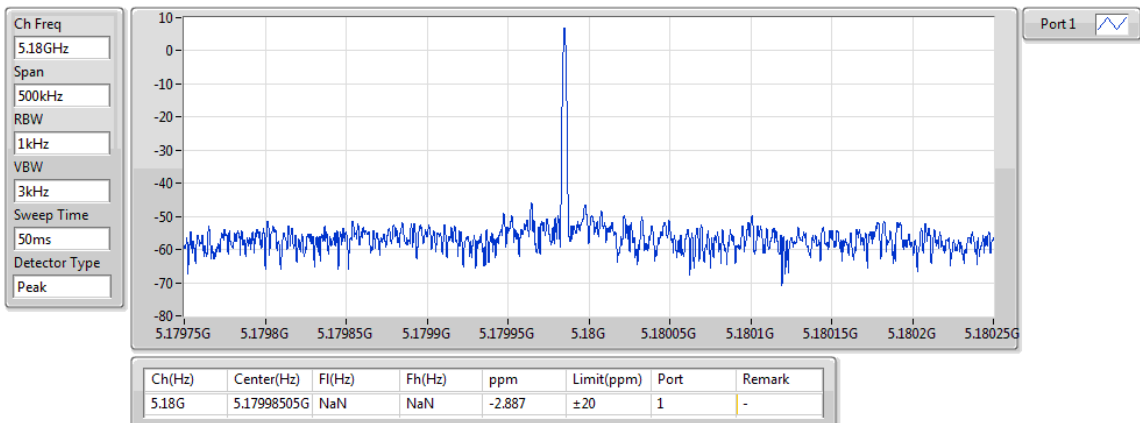
5180MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

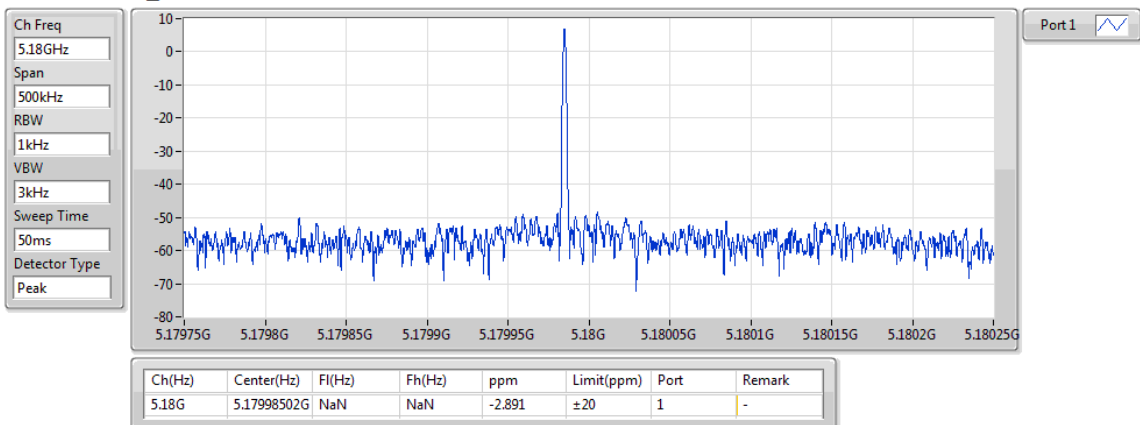
5180MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5180MHz_TnomVmax





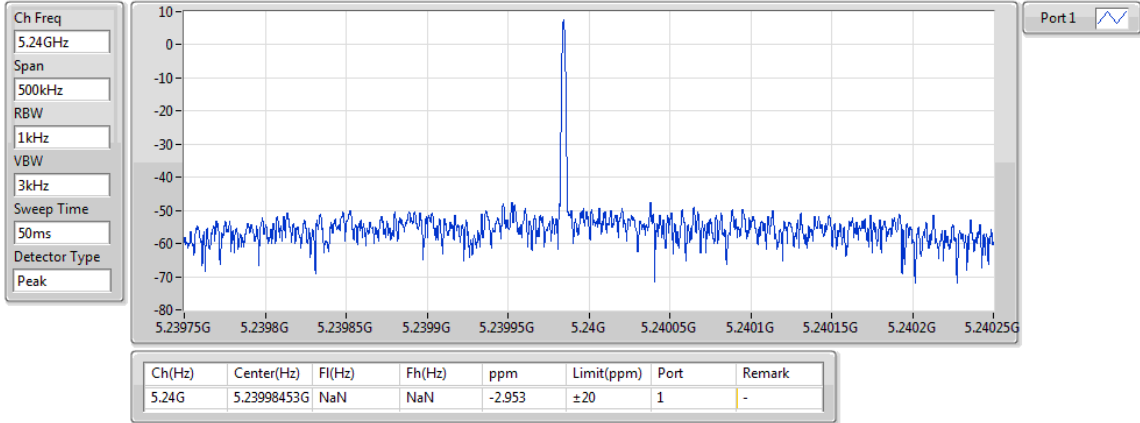
Frequency Tolerance Result

Appendix B

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

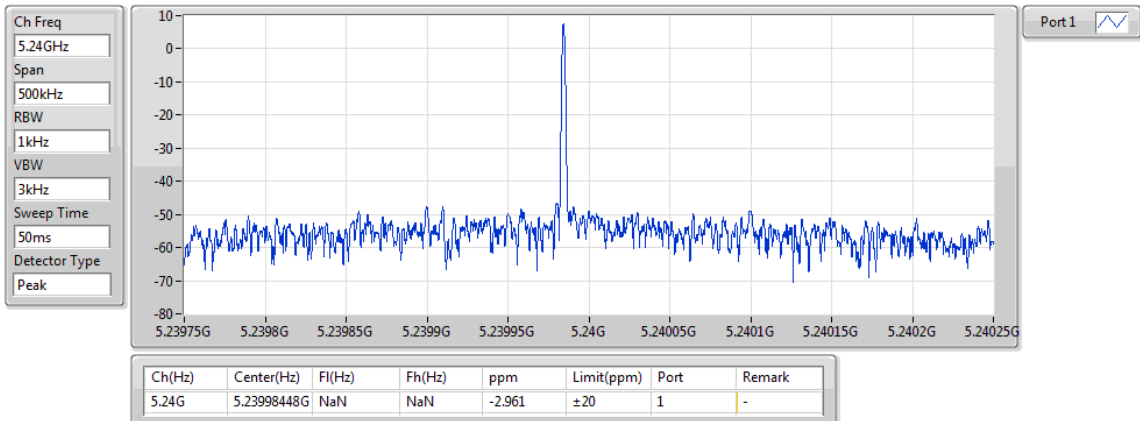
5240MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

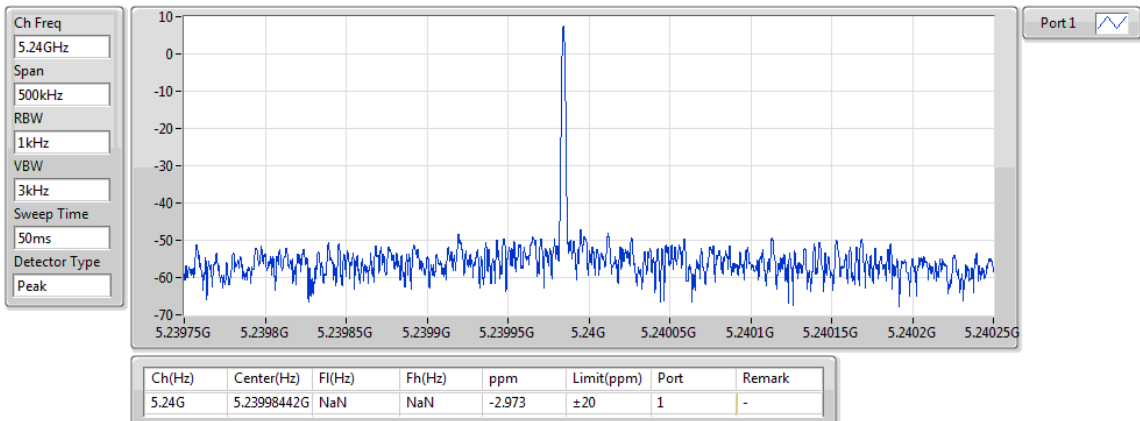
5240MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5240MHz_TnomVmax





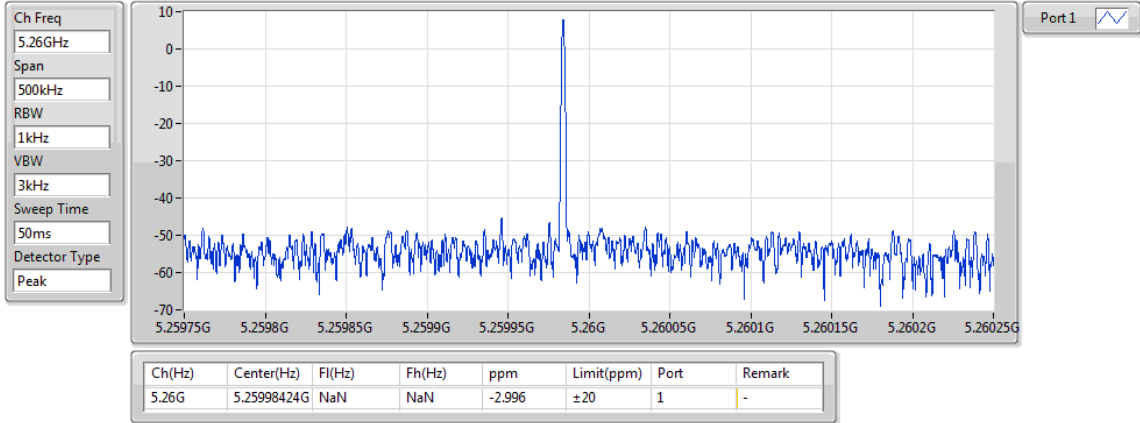
Frequency Tolerance Result

Appendix B

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

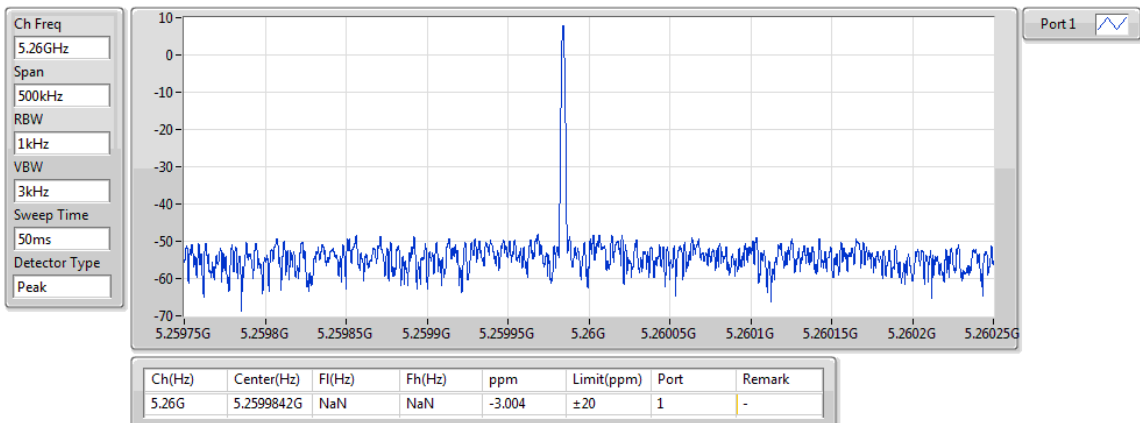
5260MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

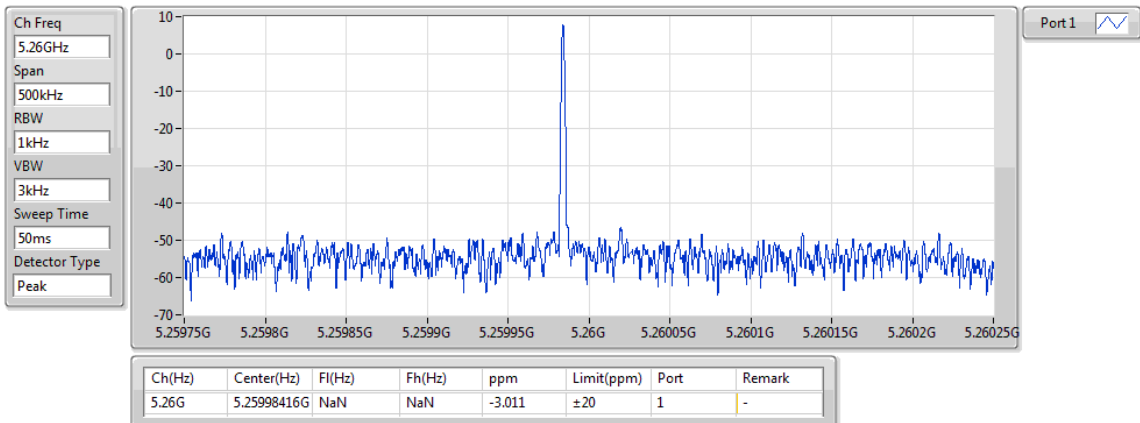
5260MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5260MHz_TnomVmax





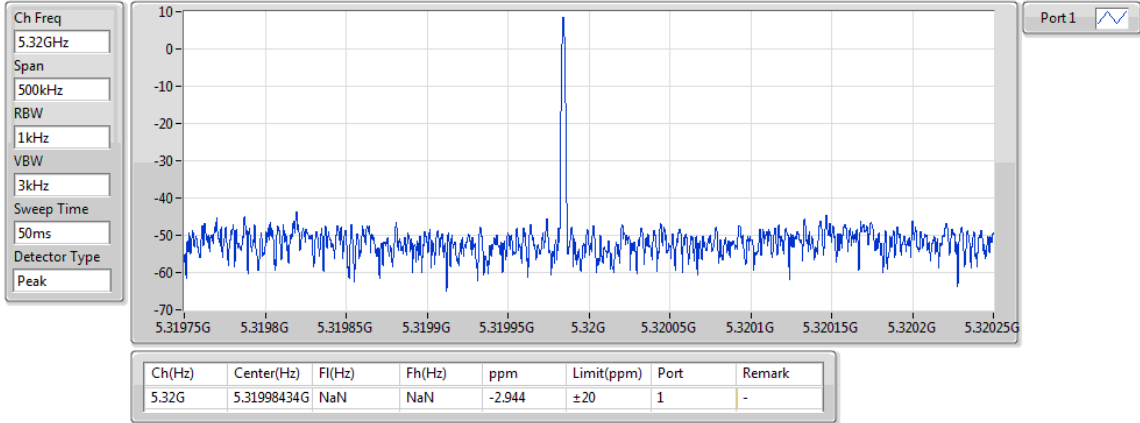
Frequency Tolerance Result

Appendix B

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

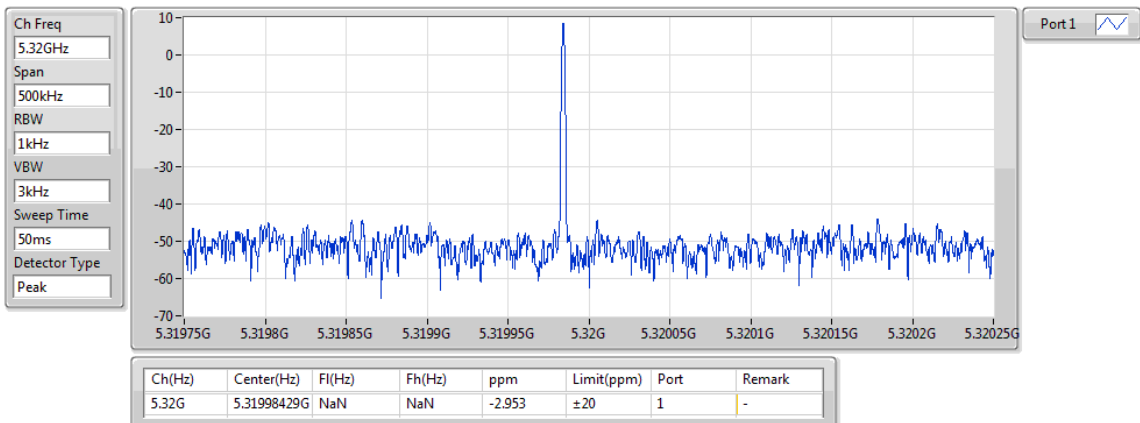
5320MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

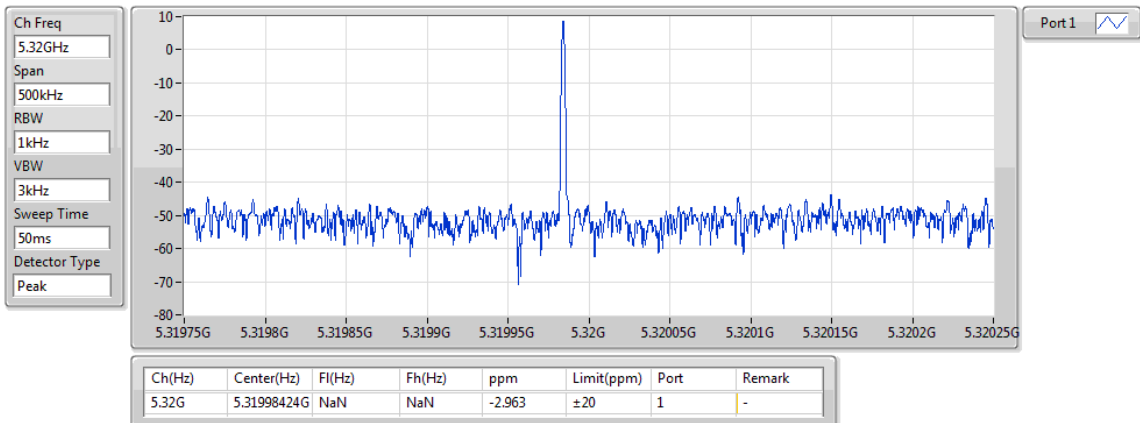
5320MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5320MHz_TnomVmax





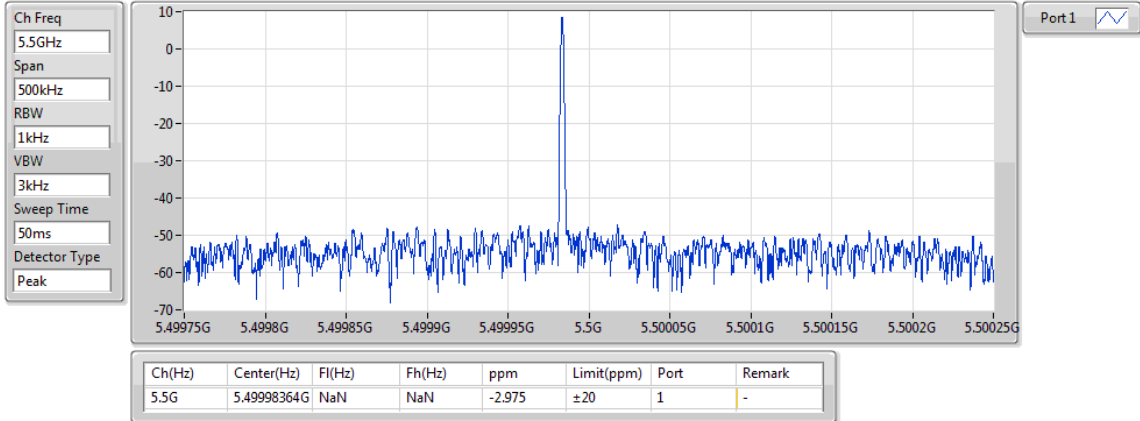
Frequency Tolerance Result

Appendix B

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

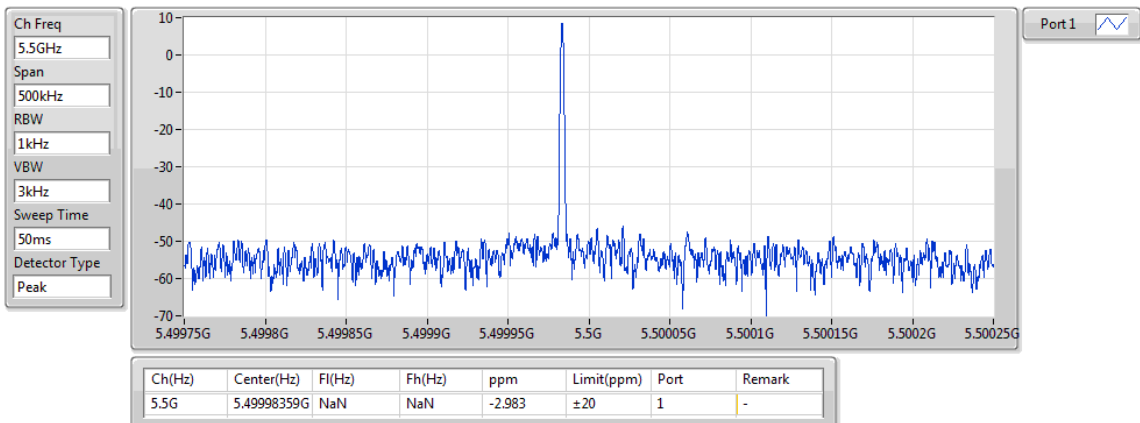
5500MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

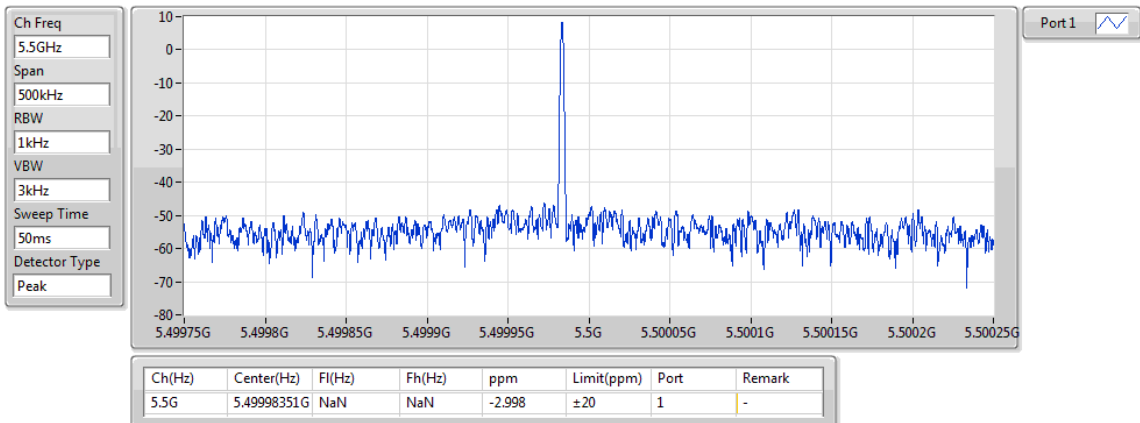
5500MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5500MHz_TnomVmax





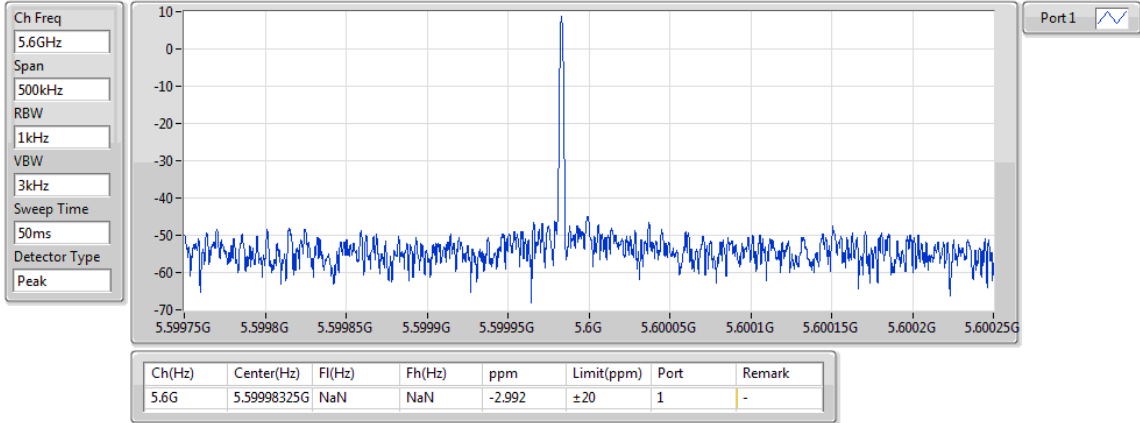
Frequency Tolerance Result

Appendix B

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

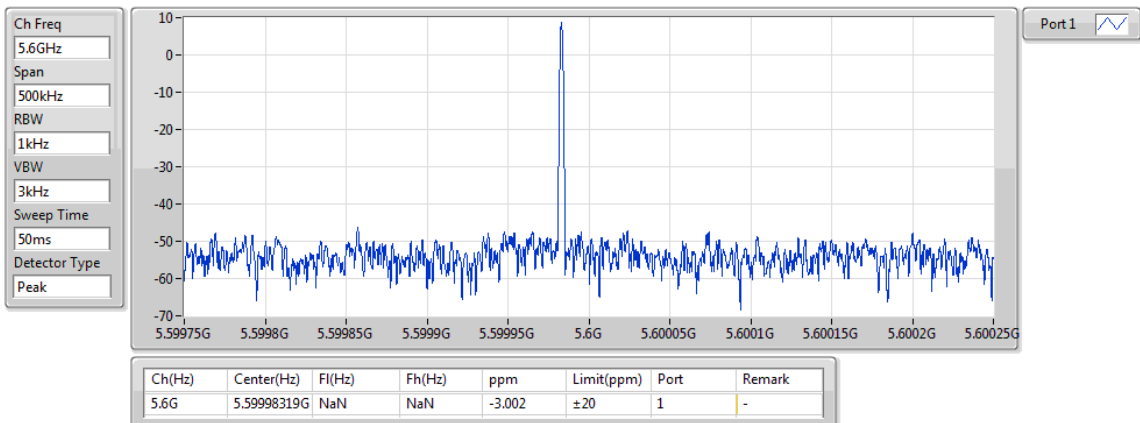
5600MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

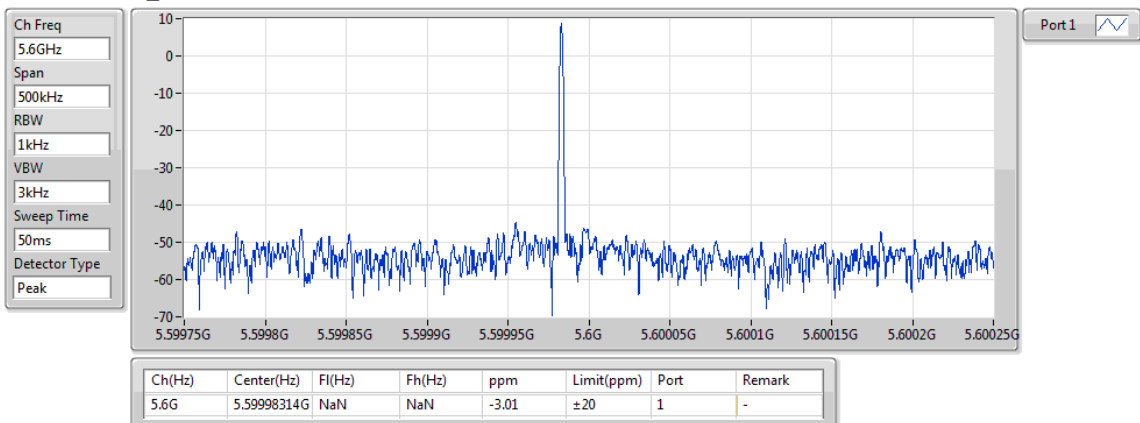
5600MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5600MHz_TnomVmax





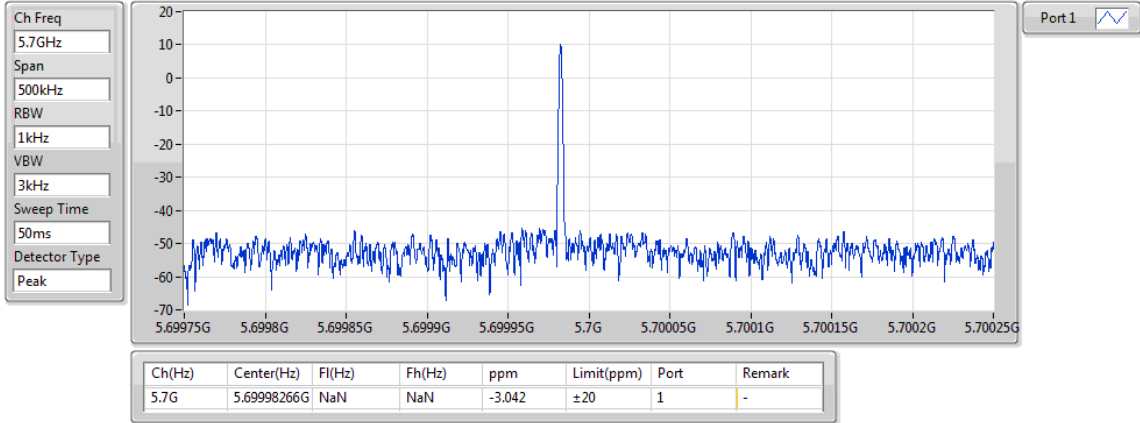
Frequency Tolerance Result

Appendix B

802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

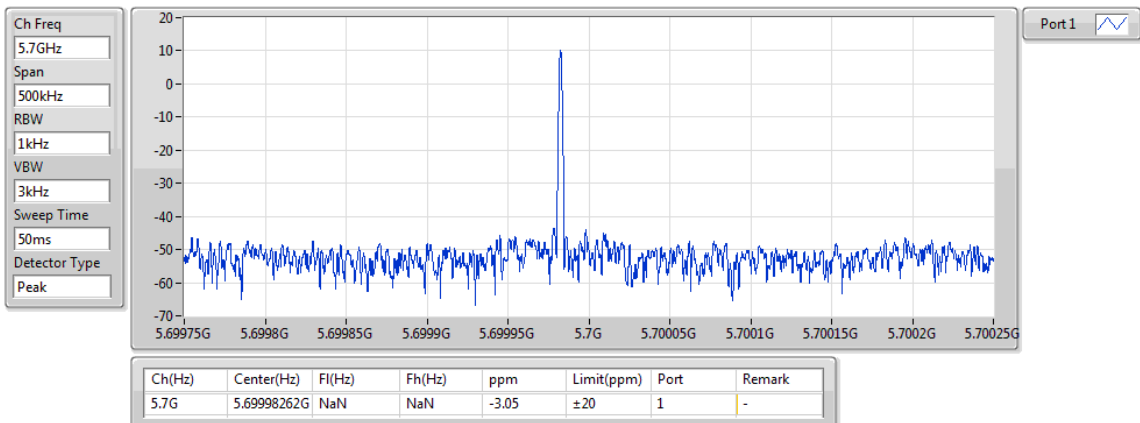
5700MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

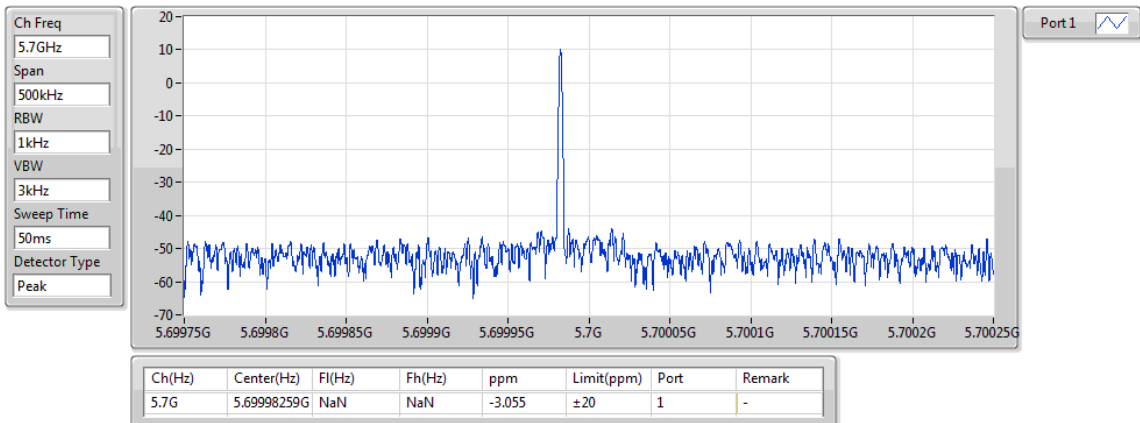
5700MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

Freq. Stability

5700MHz_TnomVmax





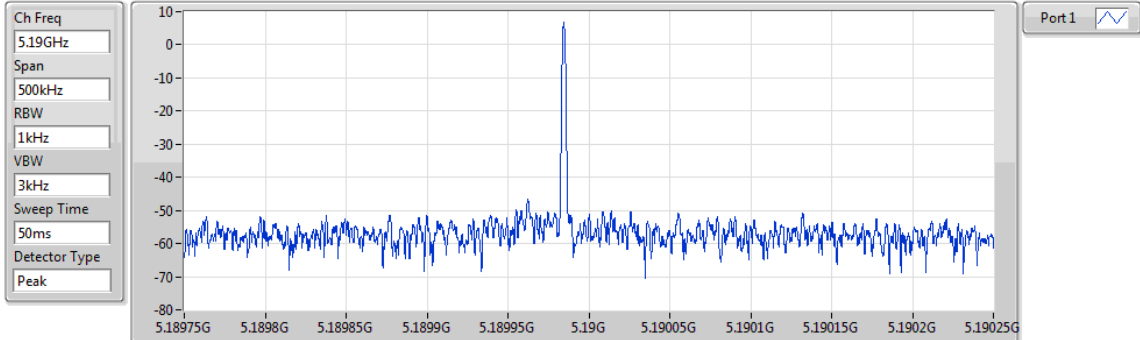
Frequency Tolerance Result

Appendix B

802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5190MHz_TnomVnom

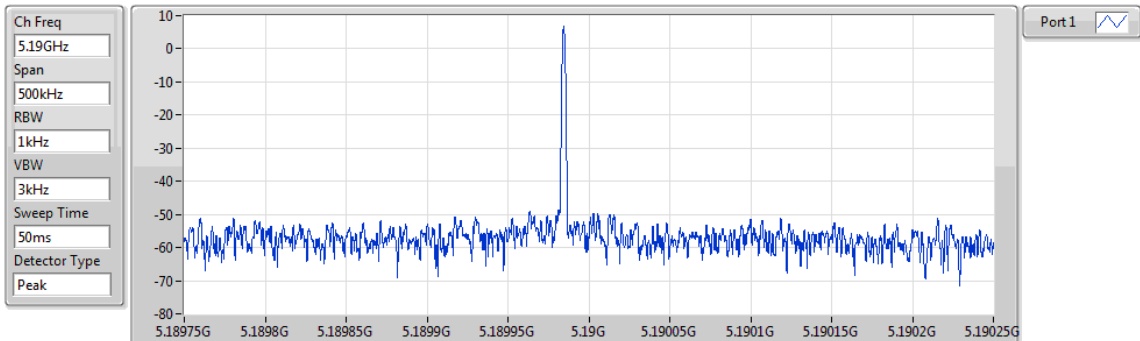


Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.19G	5.18998464G	NaN	NaN	-2.96	±20	1	-

802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5190MHz_TnomVmin

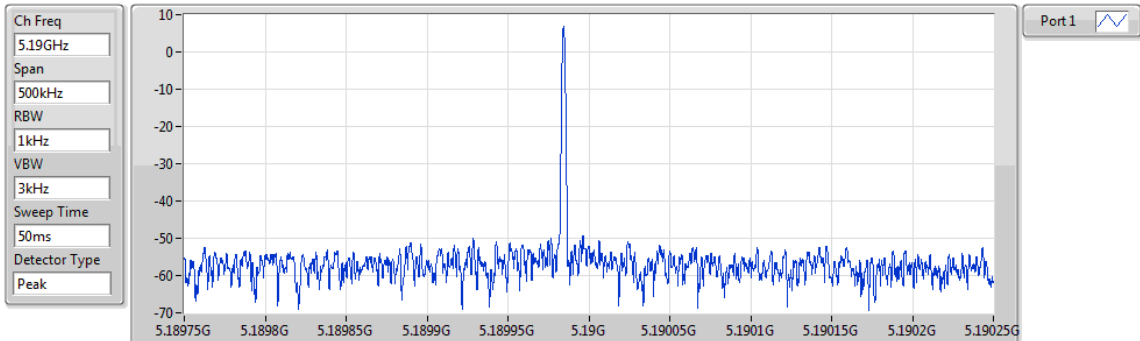


Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.19G	5.18998457G	NaN	NaN	-2.973	±20	1	-

802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5190MHz_TnomVmax



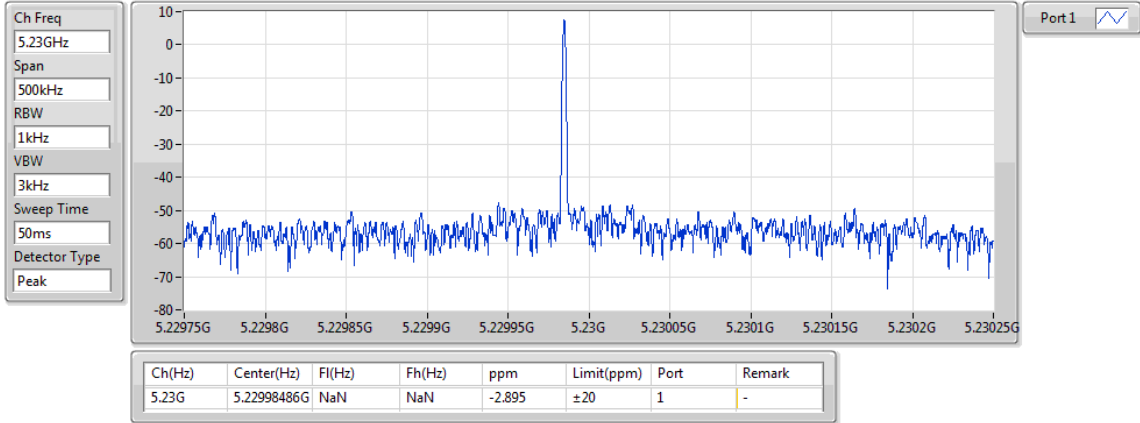
Ch(Hz)	Center(Hz)	Fl(Hz)	Fh(Hz)	ppm	Limit(ppm)	Port	Remark
5.19G	5.18998451G	NaN	NaN	-2.985	±20	1	-



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

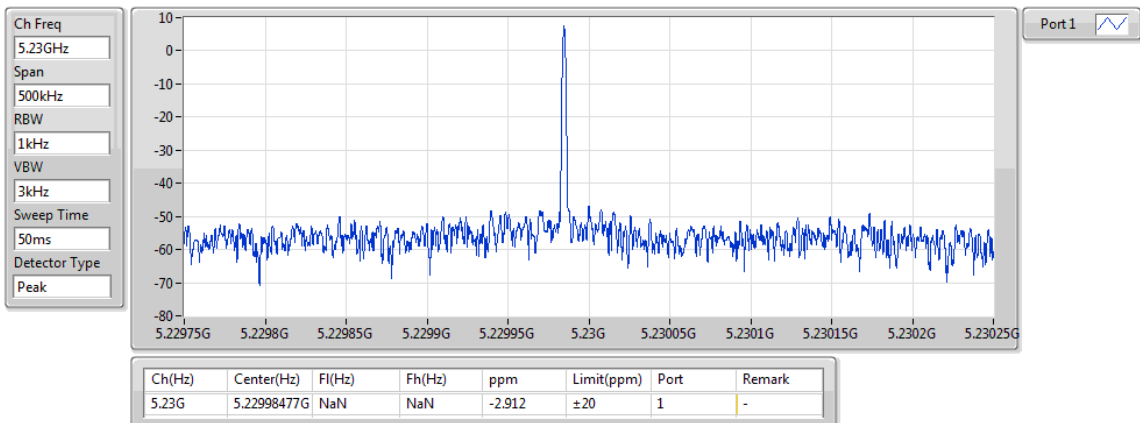
5230MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

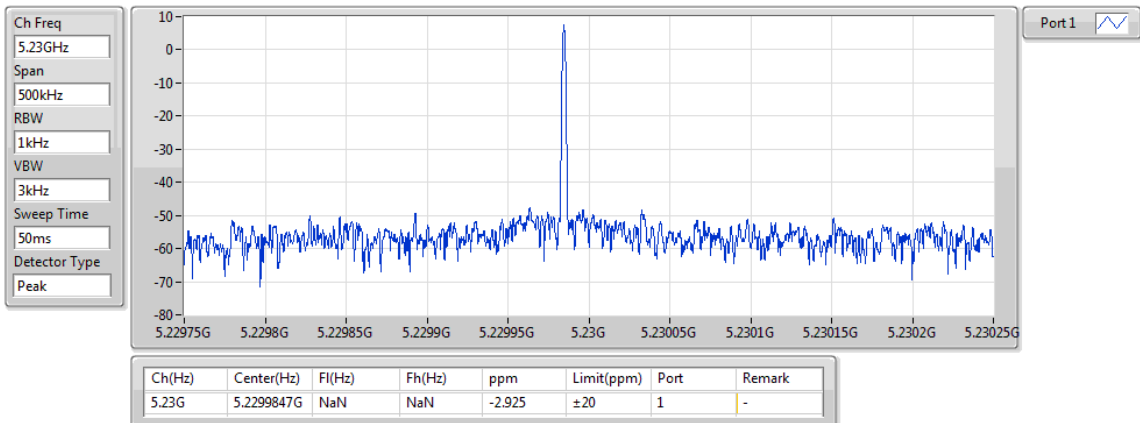
5230MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5230MHz_TnomVmax





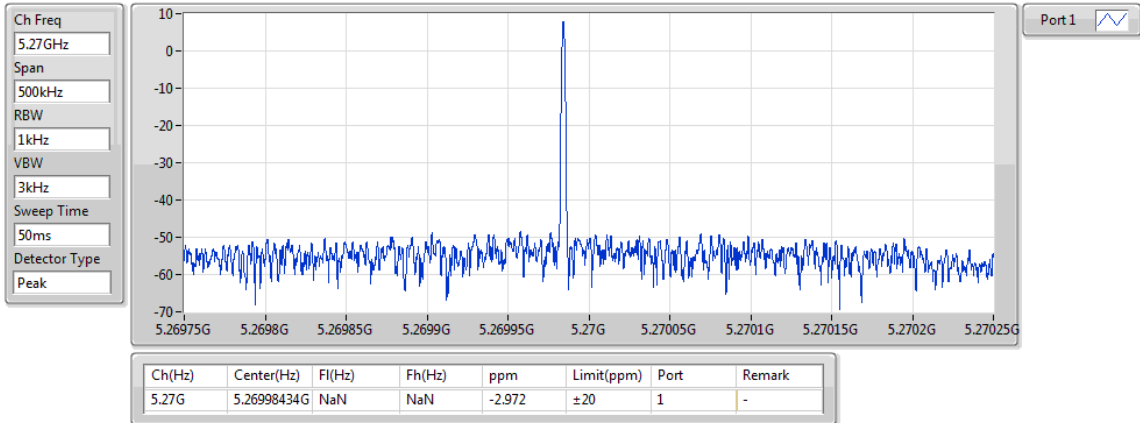
Frequency Tolerance Result

Appendix B

802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

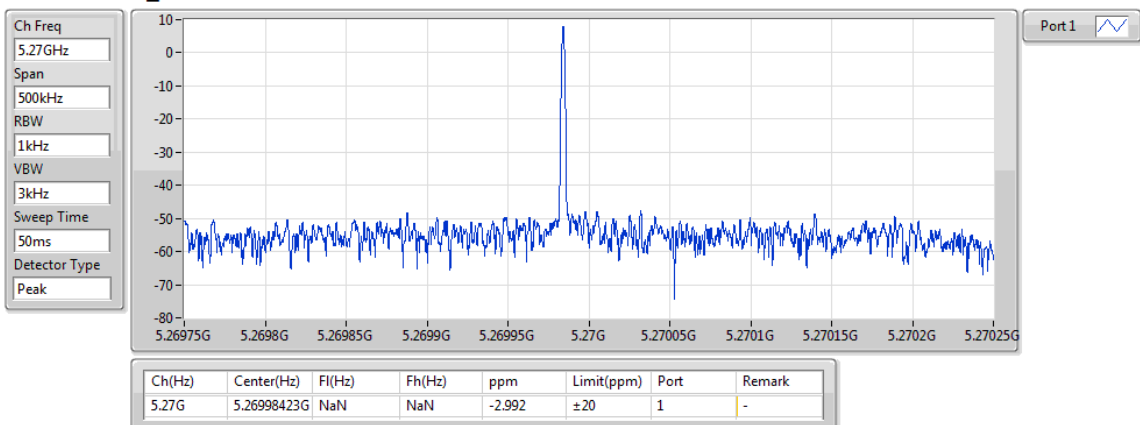
5270MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

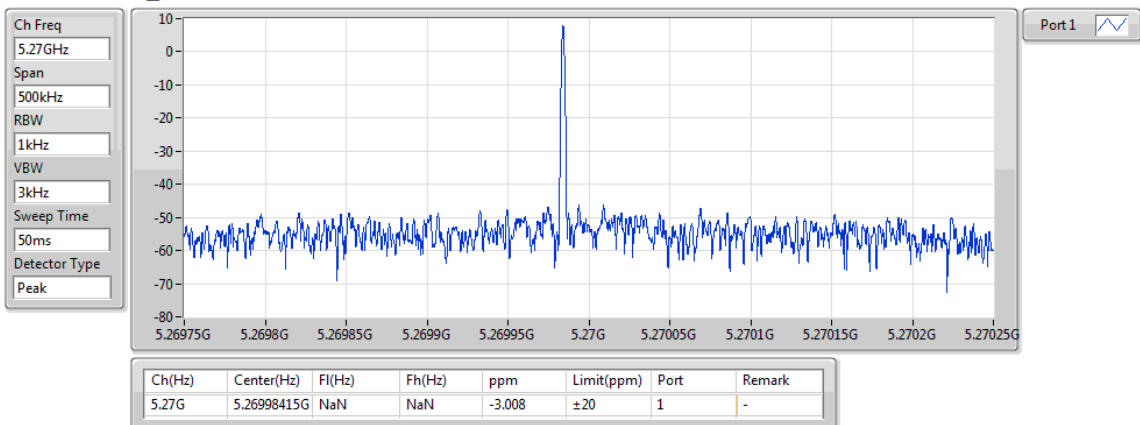
5270MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5270MHz_TnomVmax





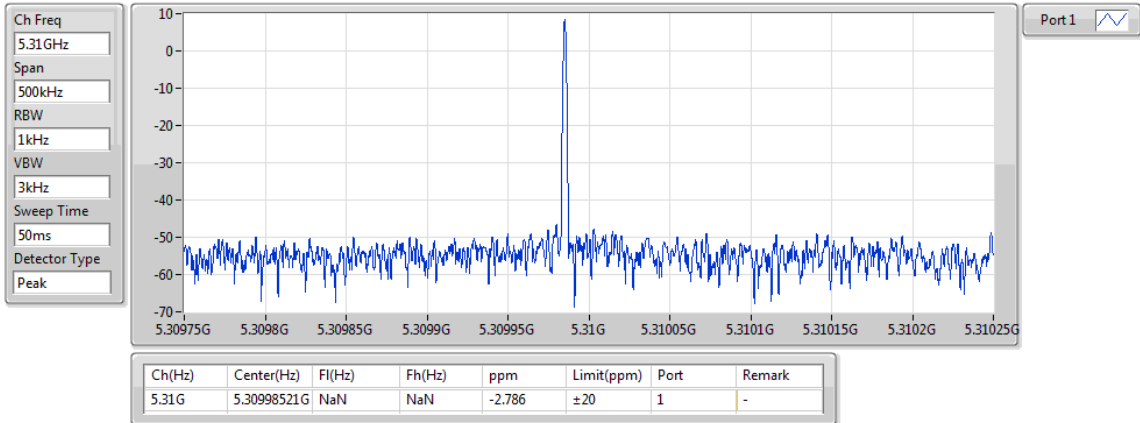
Frequency Tolerance Result

Appendix B

802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

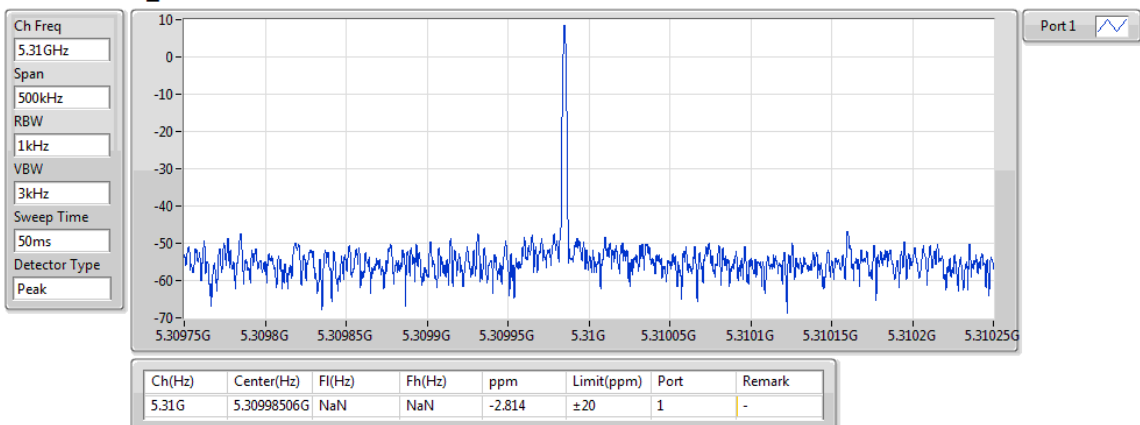
5310MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

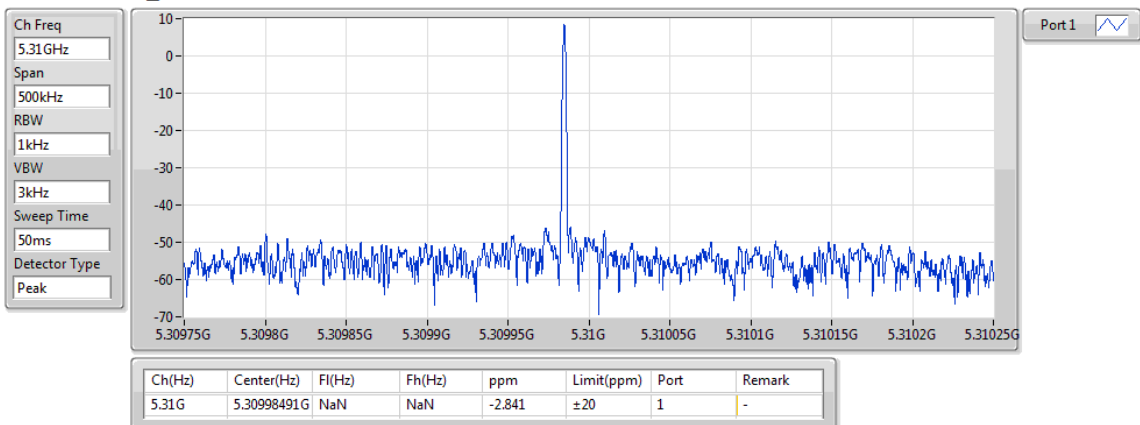
5310MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5310MHz_TnomVmax





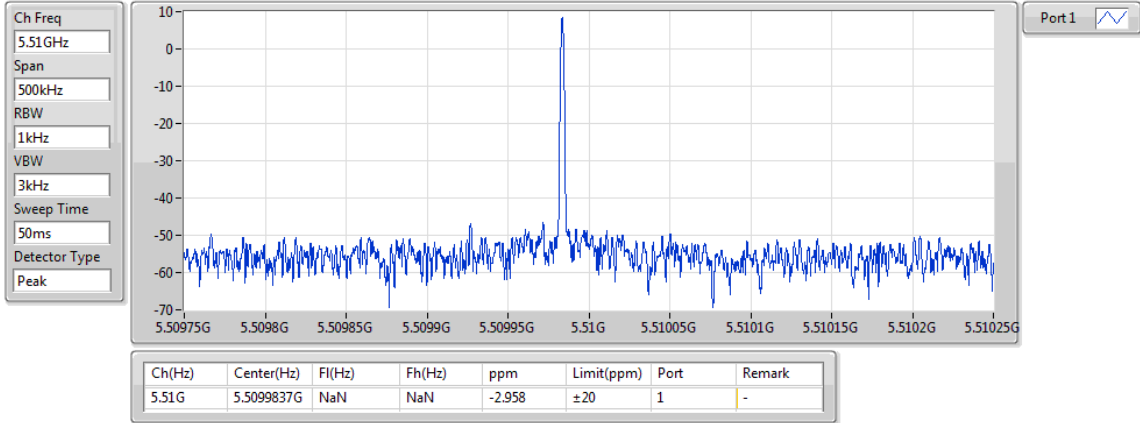
Frequency Tolerance Result

Appendix B

802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

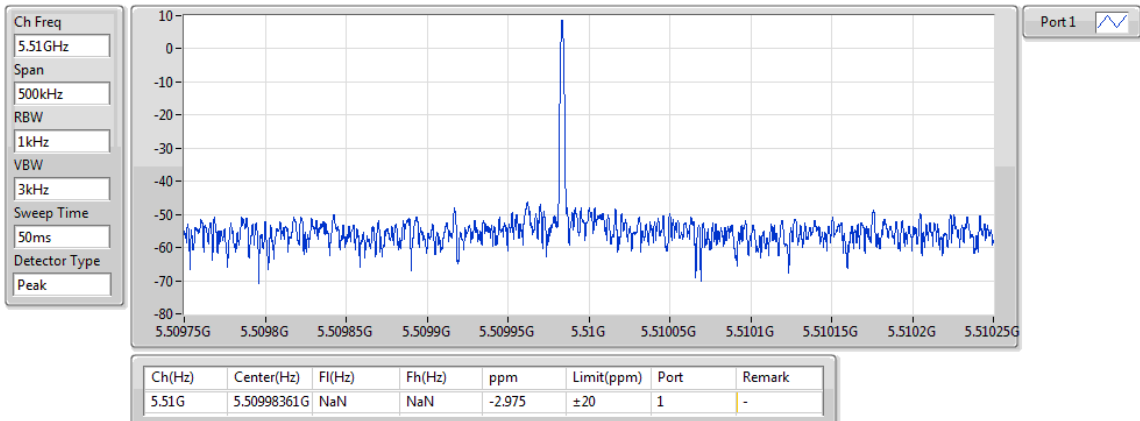
5510MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

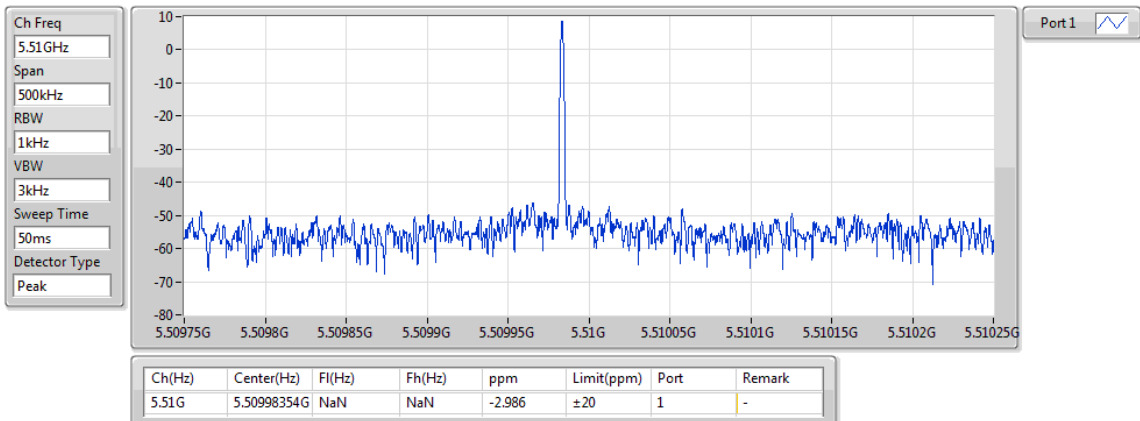
5510MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5510MHz_TnomVmax





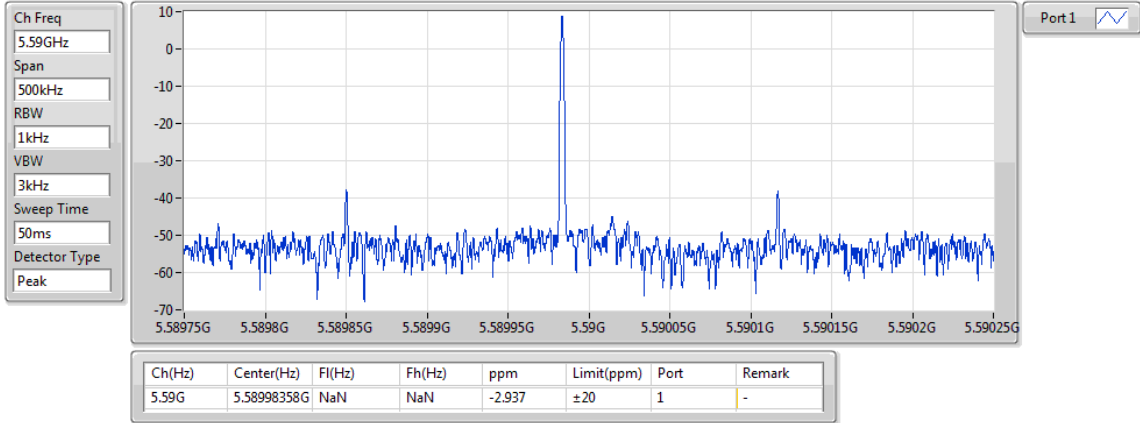
Frequency Tolerance Result

Appendix B

802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

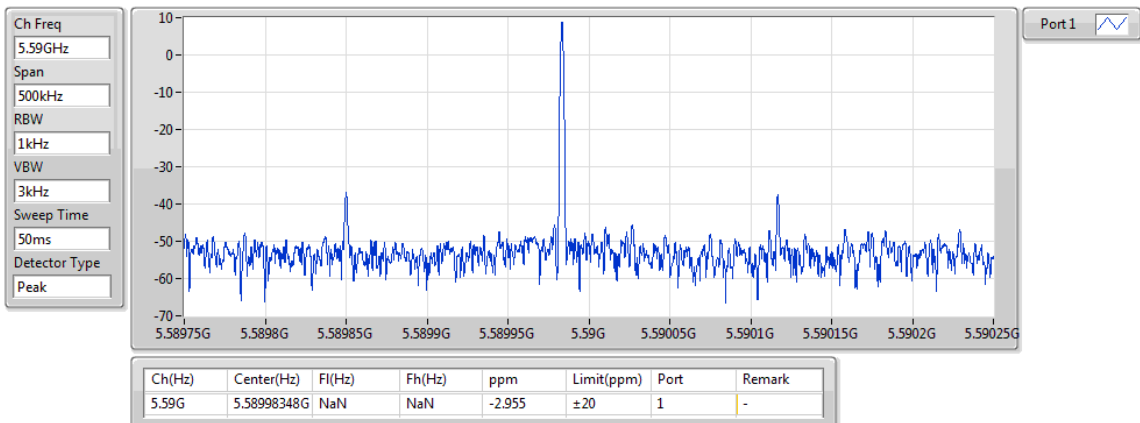
5590MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

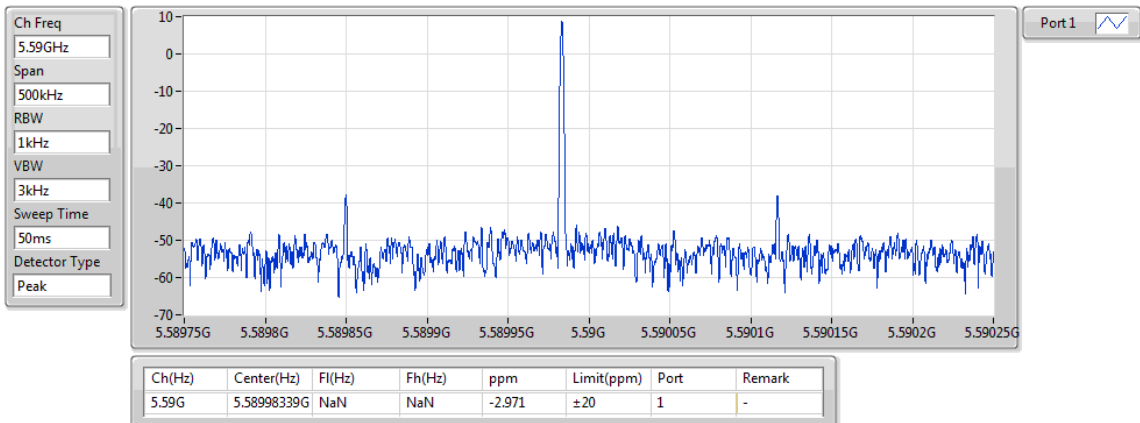
5590MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5590MHz_TnomVmax





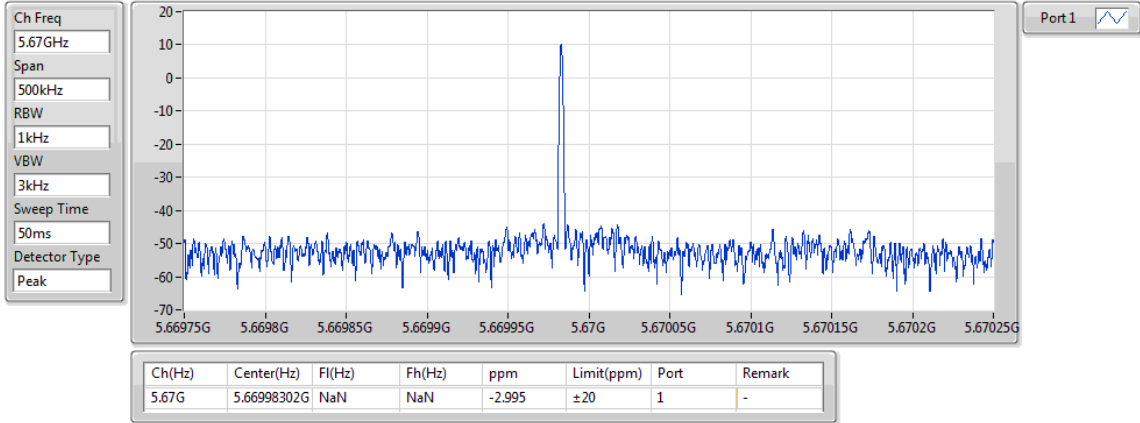
Frequency Tolerance Result

Appendix B

802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

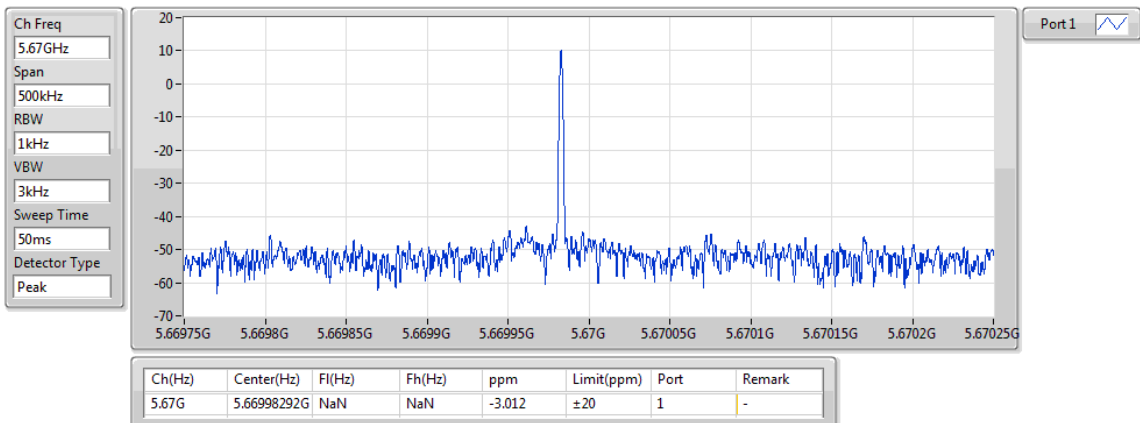
5670MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

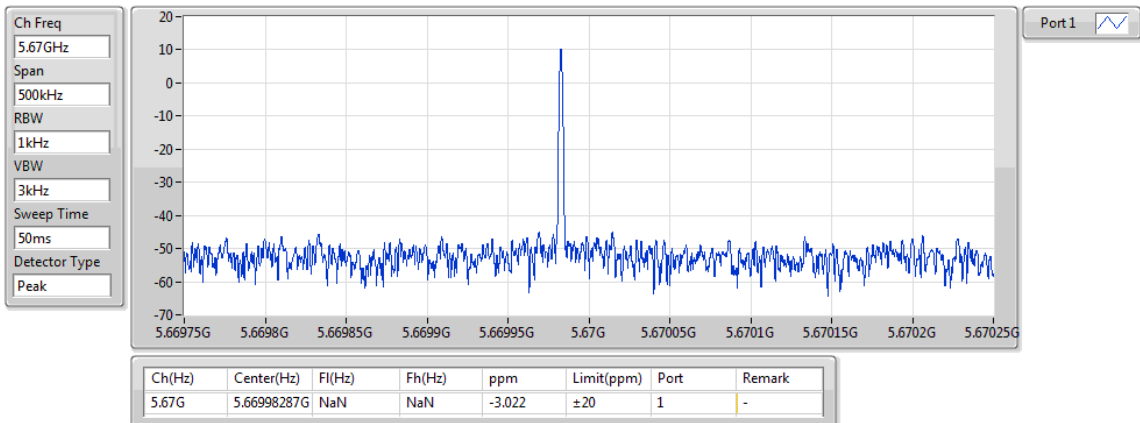
5670MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

Freq. Stability

5670MHz_TnomVmax





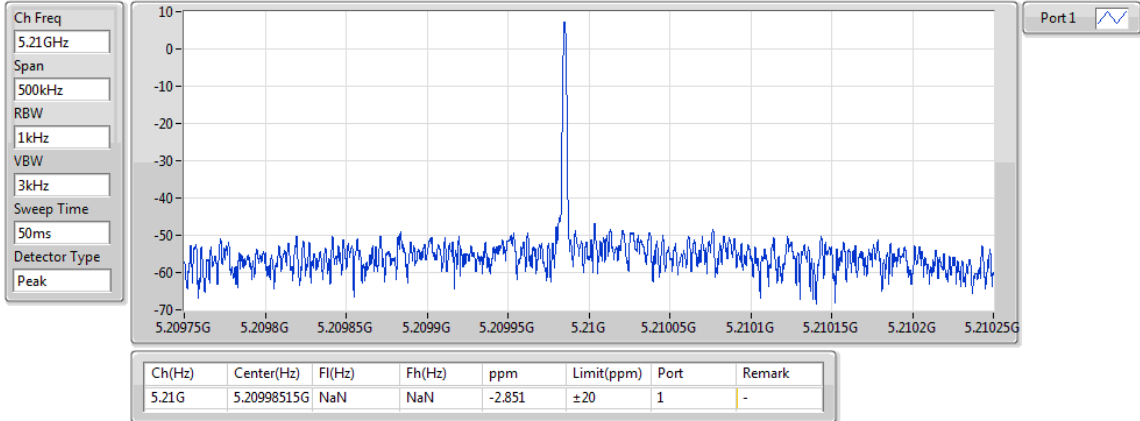
Frequency Tolerance Result

Appendix B

802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

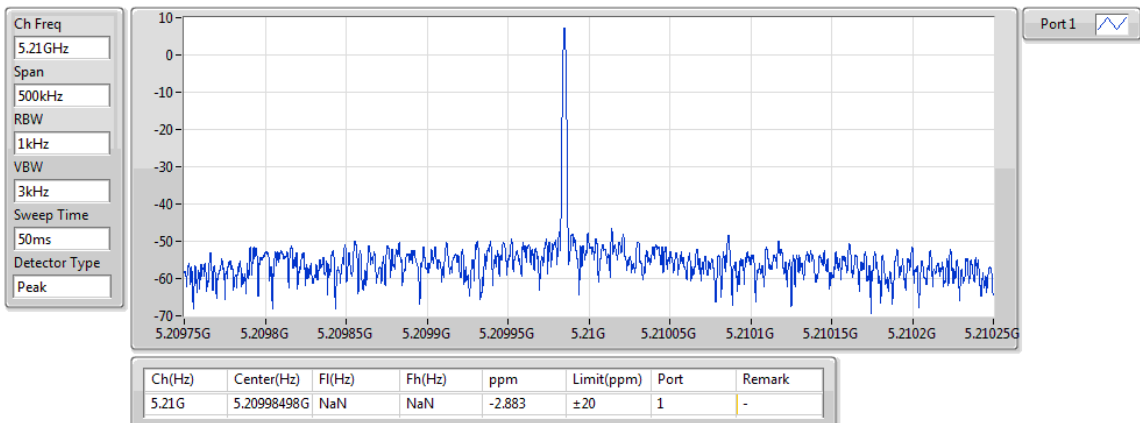
5210MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

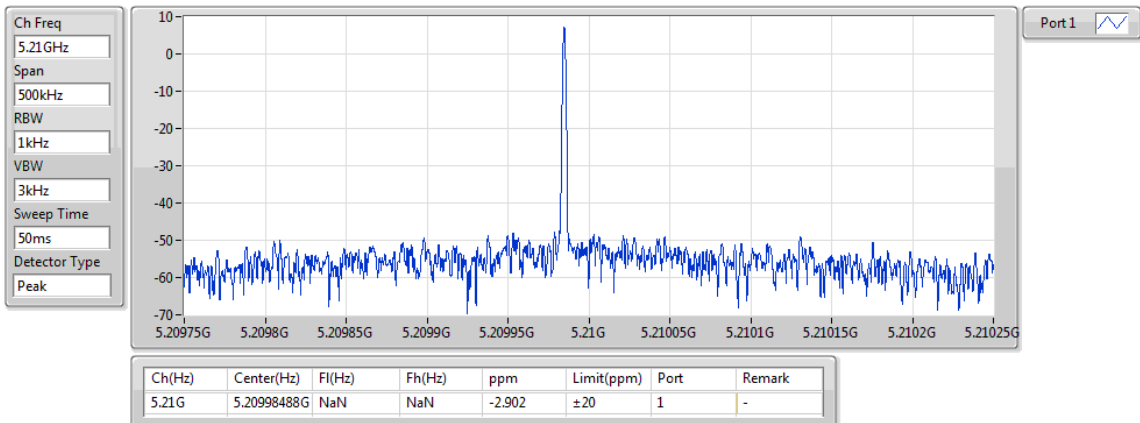
5210MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

5210MHz_TnomVmax





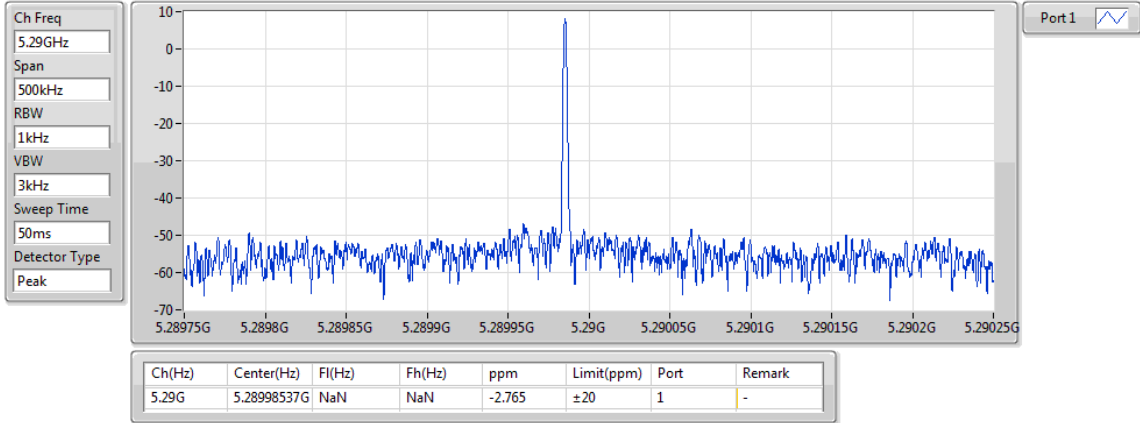
Frequency Tolerance Result

Appendix B

802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

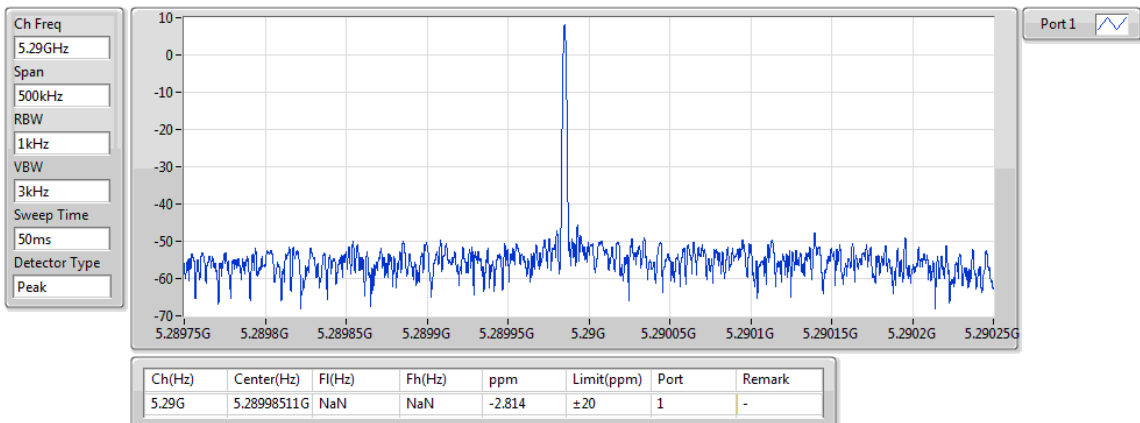
5290MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

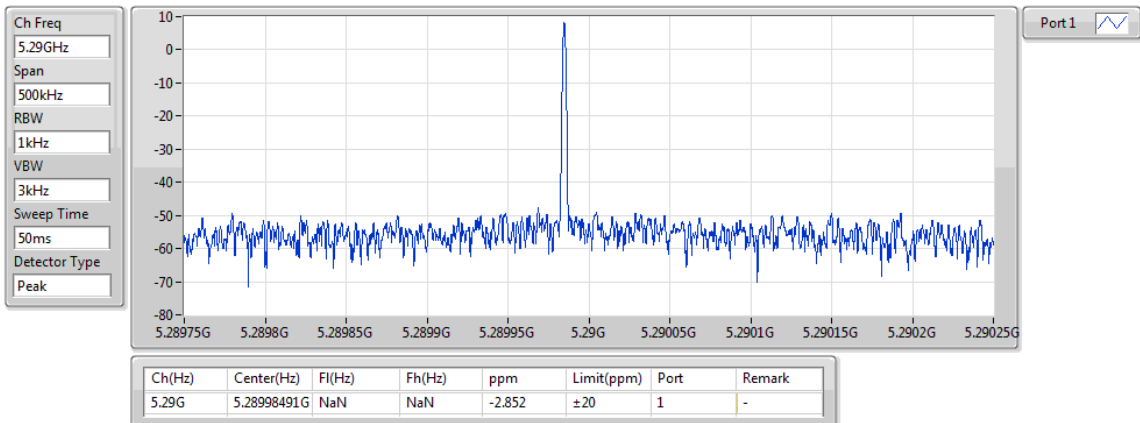
5290MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

5290MHz_TnomVmax

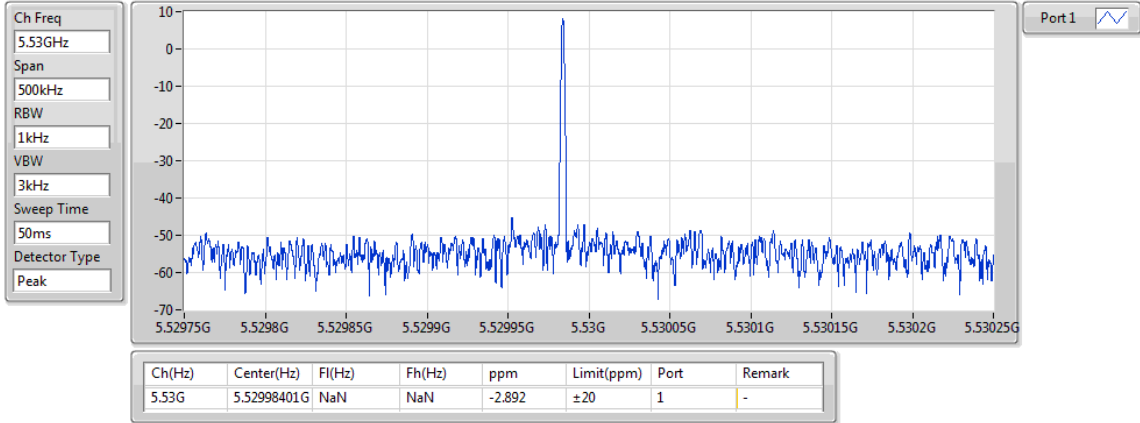




802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

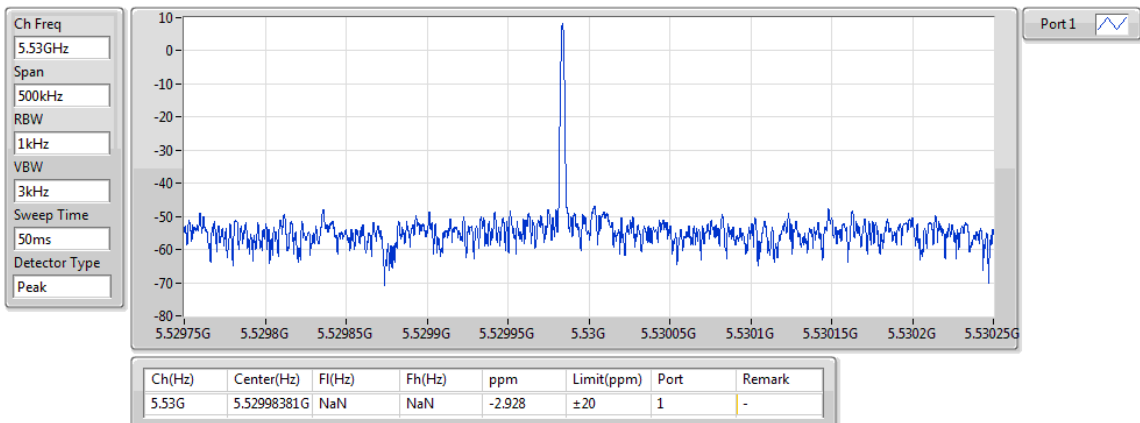
5530MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

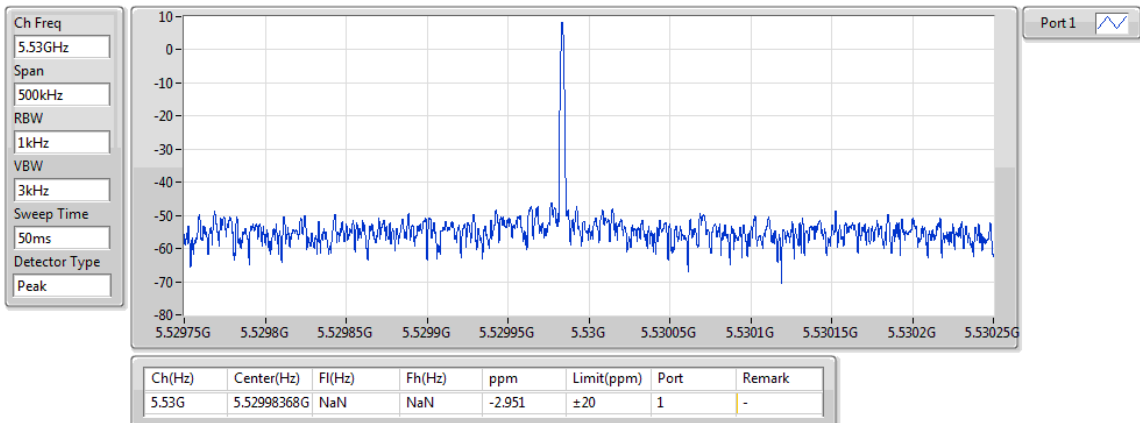
5530MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

5530MHz_TnomVmax





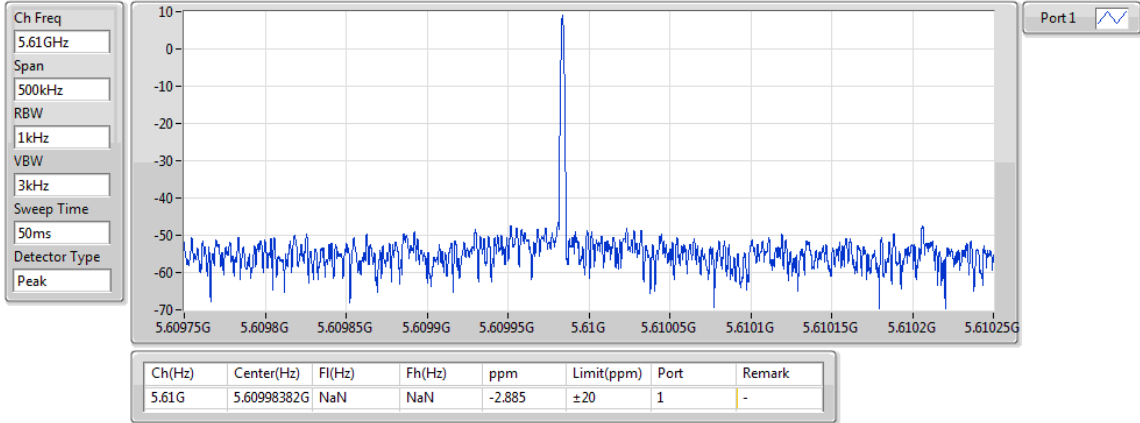
Frequency Tolerance Result

Appendix B

802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

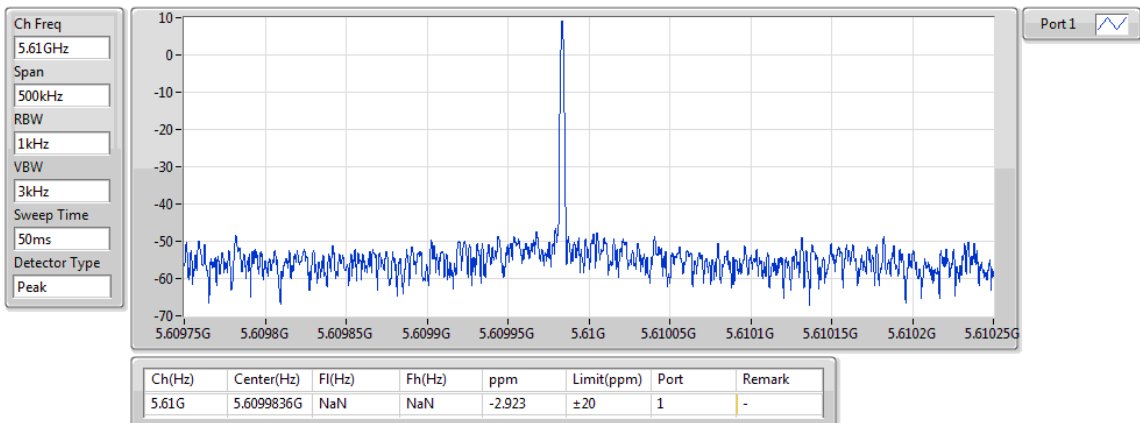
5610MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

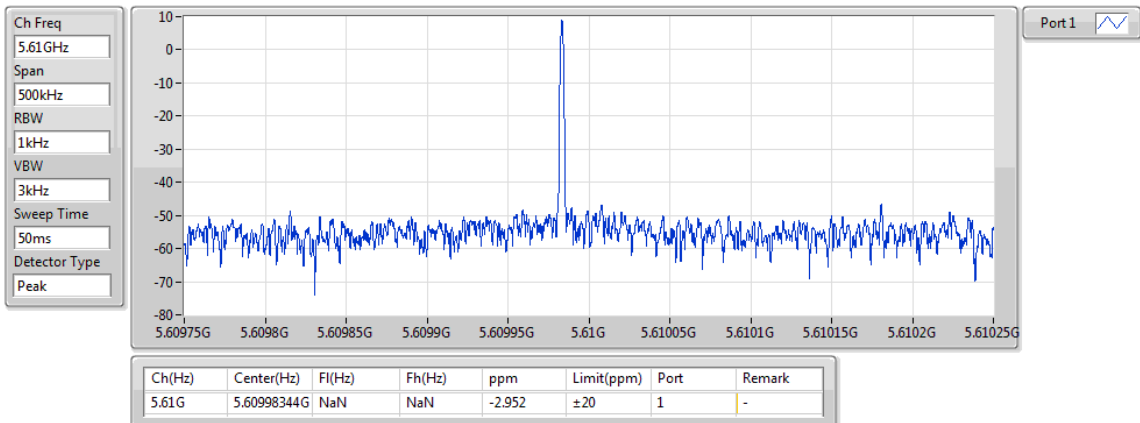
5610MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

Freq. Stability

5610MHz_TnomVmax





Occupied Bandwidth Result

Appendix C

Summary

Mode	Max-OBW (MHz)	ITU-Code	Min-OBW (MHz)
5.15-5.25GHz	-	-	-
802.11a_Nss1_1TX	17.211	17M2D1D	17.191
802.11n HT20_Nss1,(MCS0)_1TX	18.231	18M2D1D	18.191
802.11n HT40_Nss1,(MCS0)_1TX	36.902	36M9D1D	36.822
802.11ac VHT20_Nss1,(MCS0)_1TX	18.211	18M2D1D	18.171
802.11ac VHT40_Nss1,(MCS0)_1TX	36.862	36M9D1D	36.822
802.11ac VHT80_Nss1,(MCS0)_1TX	75.882	75M9D1D	75.802
5.25-5.35GHz	-	-	-
802.11a_Nss1_1TX	17.371	17M4D1D	17.351
802.11n HT20_Nss1,(MCS0)_1TX	18.311	18M3D1D	18.271
802.11n HT40_Nss1,(MCS0)_1TX	37.021	37M0D1D	36.982
802.11ac VHT20_Nss1,(MCS0)_1TX	18.291	18M3D1D	18.251
802.11ac VHT40_Nss1,(MCS0)_1TX	36.942	36M9D1D	36.942
802.11ac VHT80_Nss1,(MCS0)_1TX	75.962	76M0D1D	75.962
5.47-5.725GHz	-	-	-
802.11a_Nss1_1TX	17.571	17M6D1D	17.431
802.11n HT20_Nss1,(MCS0)_1TX	18.311	18M3D1D	18.271
802.11n HT40_Nss1,(MCS0)_1TX	36.982	37M0D1D	36.902
802.11ac VHT20_Nss1,(MCS0)_1TX	18.331	18M3D1D	18.271
802.11ac VHT40_Nss1,(MCS0)_1TX	36.982	37M0D1D	36.902
802.11ac VHT80_Nss1,(MCS0)_1TX	76.042	76M0D1D	75.962

Max-OBW = Maximum99% occupied bandwidth; **Min-OBW** = Minimum99% occupied bandwidth;

Result

Mode	Result	Limit (MHz)	P1-OBW (MHz)
802.11a_Nss1_1TX	-	-	-
5180MHz_TnomVnom	Pass	19	17.191
5180MHz_TnomVmin	Pass	19	17.191
5180MHz_TnomVmax	Pass	19	17.191
5240MHz_TnomVnom	Pass	19	17.211
5240MHz_TnomVmin	Pass	19	17.211
5240MHz_TnomVmax	Pass	19	17.211
5260MHz_TnomVnom	Pass	19	17.371
5260MHz_TnomVmin	Pass	19	17.371
5260MHz_TnomVmax	Pass	19	17.371
5320MHz_TnomVnom	Pass	19	17.371
5320MHz_TnomVmin	Pass	19	17.371
5320MHz_TnomVmax	Pass	19	17.351
5500MHz_TnomVnom	Pass	19.7	17.451



Occupied Bandwidth Result

Appendix C

Mode	Result	Limit (MHz)	P1-OBW (MHz)
5500MHz_TnomVmin	Pass	19.7	17.451
5500MHz_TnomVmax	Pass	19.7	17.431
5600MHz_TnomVnom	Pass	19.7	17.471
5600MHz_TnomVmin	Pass	19.7	17.451
5600MHz_TnomVmax	Pass	19.7	17.471
5700MHz_TnomVnom	Pass	19.7	17.571
5700MHz_TnomVmin	Pass	19.7	17.551
5700MHz_TnomVmax	Pass	19.7	17.551
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	19	18.191
5180MHz_TnomVmin	Pass	19	18.211
5180MHz_TnomVmax	Pass	19	18.191
5240MHz_TnomVnom	Pass	19	18.211
5240MHz_TnomVmin	Pass	19	18.211
5240MHz_TnomVmax	Pass	19	18.231
5260MHz_TnomVnom	Pass	19	18.291
5260MHz_TnomVmin	Pass	19	18.291
5260MHz_TnomVmax	Pass	19	18.271
5320MHz_TnomVnom	Pass	19	18.291
5320MHz_TnomVmin	Pass	19	18.291
5320MHz_TnomVmax	Pass	19	18.311
5500MHz_TnomVnom	Pass	19.7	18.291
5500MHz_TnomVmin	Pass	19.7	18.311
5500MHz_TnomVmax	Pass	19.7	18.291
5600MHz_TnomVnom	Pass	19.7	18.311
5600MHz_TnomVmin	Pass	19.7	18.271
5600MHz_TnomVmax	Pass	19.7	18.311
5700MHz_TnomVnom	Pass	19.7	18.311
5700MHz_TnomVmin	Pass	19.7	18.311
5700MHz_TnomVmax	Pass	19.7	18.311
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	38	36.902
5190MHz_TnomVmin	Pass	38	36.902
5190MHz_TnomVmax	Pass	38	36.822
5230MHz_TnomVnom	Pass	38	36.822
5230MHz_TnomVmin	Pass	38	36.862
5230MHz_TnomVmax	Pass	38	36.862
5270MHz_TnomVnom	Pass	38	36.982
5270MHz_TnomVmin	Pass	38	37.021
5270MHz_TnomVmax	Pass	38	36.982



Occupied Bandwidth Result

Appendix C

Mode	Result	Limit (MHz)	P1-OBW (MHz)
5310MHz_TnomVnom	Pass	38	36.982
5310MHz_TnomVmin	Pass	38	36.982
5310MHz_TnomVmax	Pass	38	36.982
5510MHz_TnomVnom	Pass	38	36.942
5510MHz_TnomVmin	Pass	38	36.982
5510MHz_TnomVmax	Pass	38	36.942
5590MHz_TnomVnom	Pass	38	36.982
5590MHz_TnomVmin	Pass	38	36.942
5590MHz_TnomVmax	Pass	38	36.942
5670MHz_TnomVnom	Pass	38	36.942
5670MHz_TnomVmin	Pass	38	36.902
5670MHz_TnomVmax	Pass	38	36.902
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	19	18.191
5180MHz_TnomVmin	Pass	19	18.211
5180MHz_TnomVmax	Pass	19	18.211
5240MHz_TnomVnom	Pass	19	18.171
5240MHz_TnomVmin	Pass	19	18.171
5240MHz_TnomVmax	Pass	19	18.191
5260MHz_TnomVnom	Pass	19	18.251
5260MHz_TnomVmin	Pass	19	18.271
5260MHz_TnomVmax	Pass	19	18.271
5320MHz_TnomVnom	Pass	19	18.271
5320MHz_TnomVmin	Pass	19	18.291
5320MHz_TnomVmax	Pass	19	18.271
5500MHz_TnomVnom	Pass	19.7	18.311
5500MHz_TnomVmin	Pass	19.7	18.271
5500MHz_TnomVmax	Pass	19.7	18.271
5600MHz_TnomVnom	Pass	19.7	18.291
5600MHz_TnomVmin	Pass	19.7	18.271
5600MHz_TnomVmax	Pass	19.7	18.291
5700MHz_TnomVnom	Pass	19.7	18.291
5700MHz_TnomVmin	Pass	19.7	18.331
5700MHz_TnomVmax	Pass	19.7	18.291
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	38	36.862
5190MHz_TnomVmin	Pass	38	36.862
5190MHz_TnomVmax	Pass	38	36.822
5230MHz_TnomVnom	Pass	38	36.822
5230MHz_TnomVmin	Pass	38	36.862



Occupied Bandwidth Result

Appendix C

Mode	Result	Limit (MHz)	P1-OBW (MHz)
5230MHz_TnomVmax	Pass	38	36.822
5270MHz_TnomVnom	Pass	38	36.942
5270MHz_TnomVmin	Pass	38	36.942
5270MHz_TnomVmax	Pass	38	36.942
5310MHz_TnomVnom	Pass	38	36.942
5310MHz_TnomVmin	Pass	38	36.942
5310MHz_TnomVmax	Pass	38	36.942
5510MHz_TnomVnom	Pass	38	36.942
5510MHz_TnomVmin	Pass	38	36.982
5510MHz_TnomVmax	Pass	38	36.982
5590MHz_TnomVnom	Pass	38	36.982
5590MHz_TnomVmin	Pass	38	36.902
5590MHz_TnomVmax	Pass	38	36.942
5670MHz_TnomVnom	Pass	38	36.942
5670MHz_TnomVmin	Pass	38	36.902
5670MHz_TnomVmax	Pass	38	36.942
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-
5210MHz_TnomVnom	Pass	78	75.882
5210MHz_TnomVmin	Pass	78	75.802
5210MHz_TnomVmax	Pass	78	75.882
5290MHz_TnomVnom	Pass	78	75.962
5290MHz_TnomVmin	Pass	78	75.962
5290MHz_TnomVmax	Pass	78	75.962
5530MHz_TnomVnom	Pass	78	75.962
5530MHz_TnomVmin	Pass	78	75.962
5530MHz_TnomVmax	Pass	78	76.042
5610MHz_TnomVnom	Pass	78	76.042
5610MHz_TnomVmin	Pass	78	76.042
5610MHz_TnomVmax	Pass	78	75.962

P1-OBW = Port 1 99% occupied bandwidth;



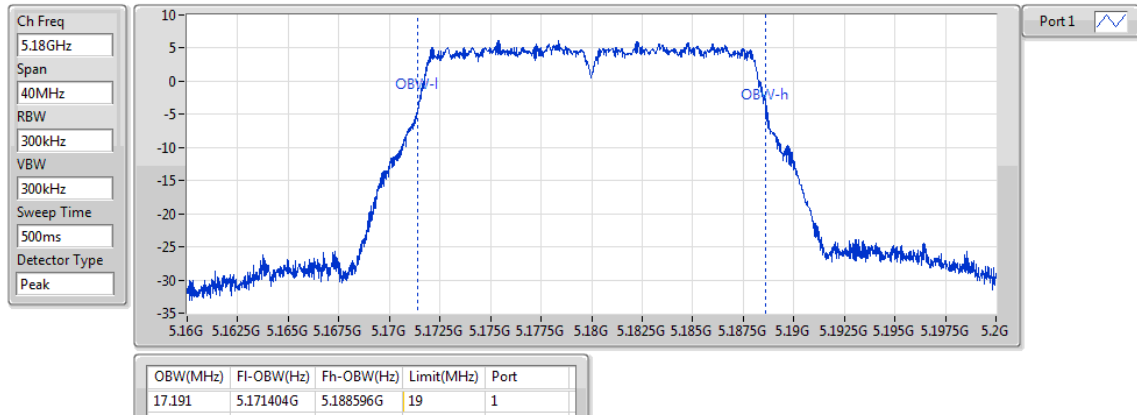
Occupied Bandwidth Result

Appendix C

802.11a_Nss1_1TX

OBW

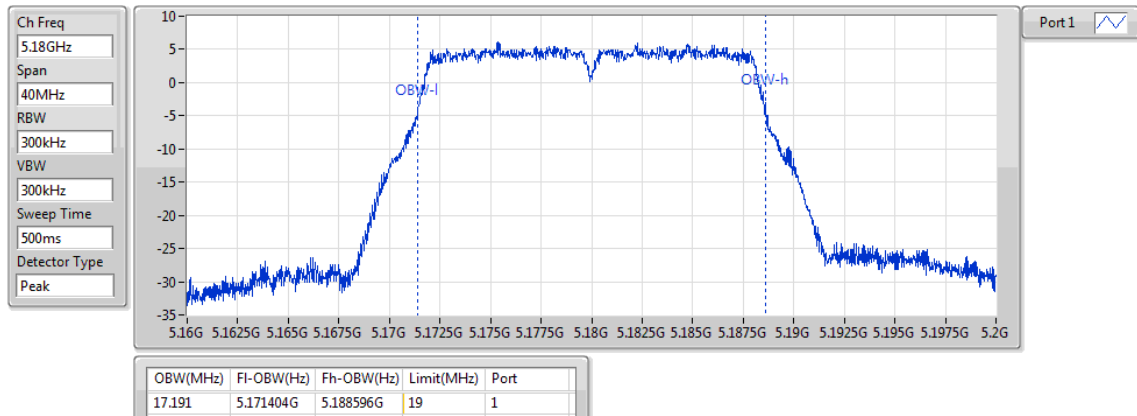
5180MHz_TnomVnom



802.11a_Nss1_1TX

OBW

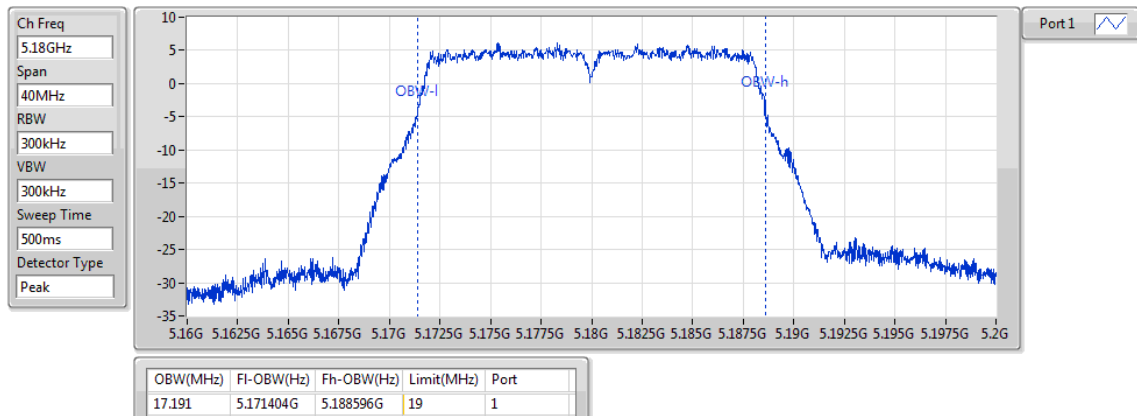
5180MHz_TnomVmin



802.11a_Nss1_1TX

OBW

5180MHz_TnomVmax





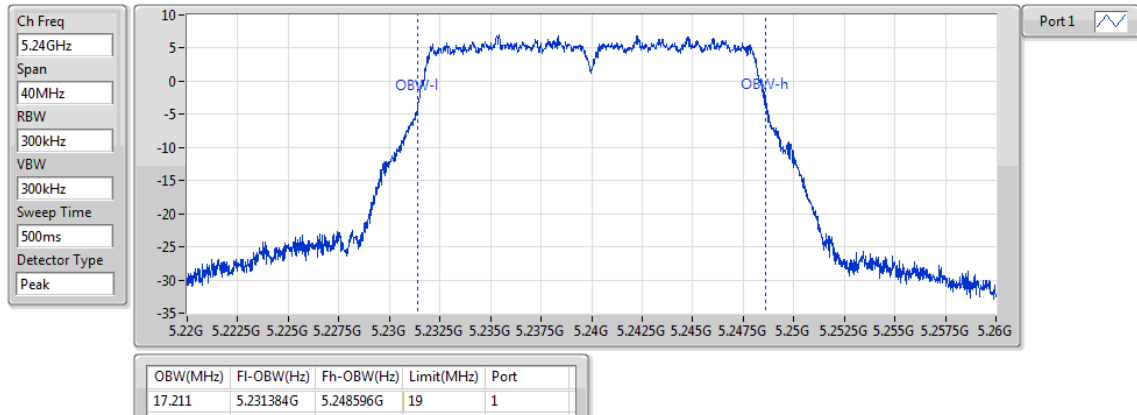
Occupied Bandwidth Result

Appendix C

802.11a_Nss1_1TX

OBW

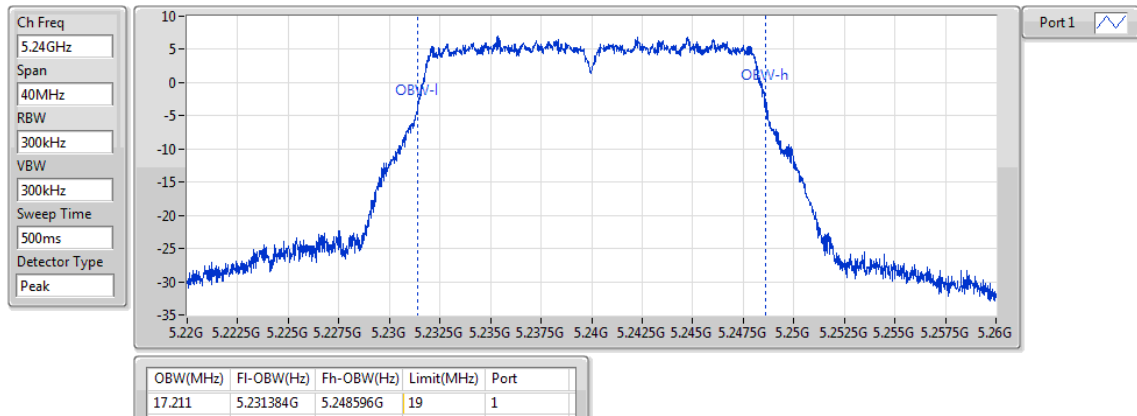
5240MHz_TnomVnom



802.11a_Nss1_1TX

OBW

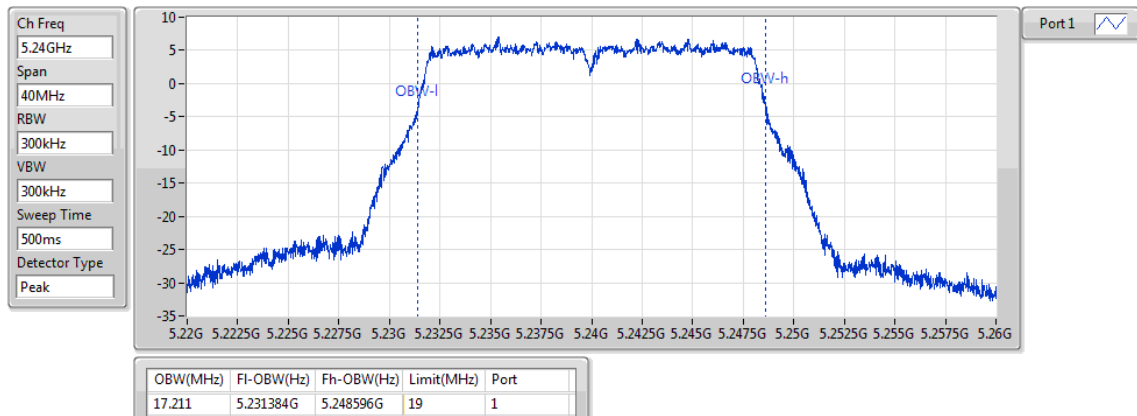
5240MHz_TnomVmin



802.11a_Nss1_1TX

OBW

5240MHz_TnomVmax





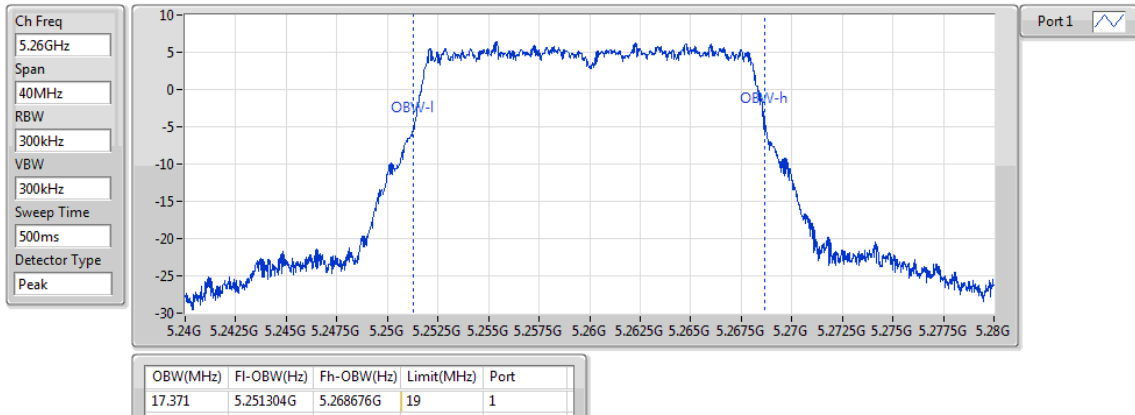
Occupied Bandwidth Result

Appendix C

802.11a_Nss1_1TX

OBW

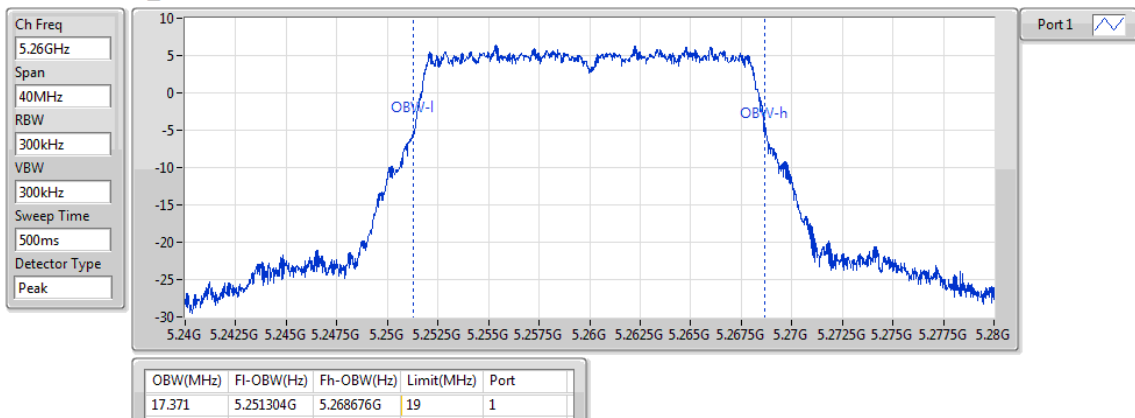
5260MHz_TnomVnom



802.11a_Nss1_1TX

OBW

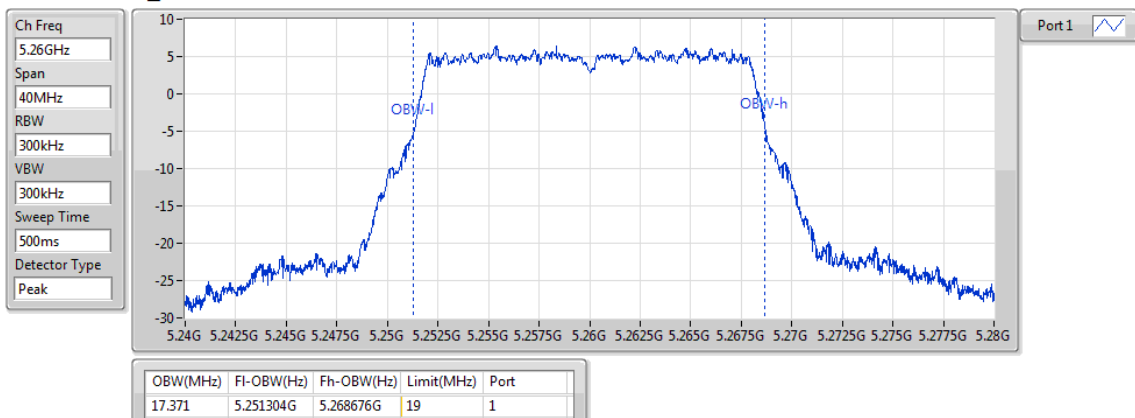
5260MHz_TnomVmin



802.11a_Nss1_1TX

OBW

5260MHz_TnomVmax





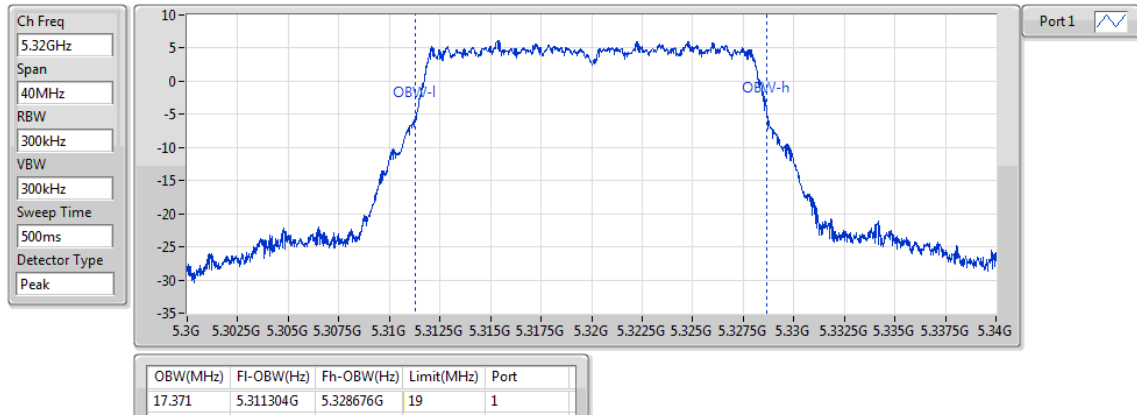
Occupied Bandwidth Result

Appendix C

802.11a_Nss1_1TX

OBW

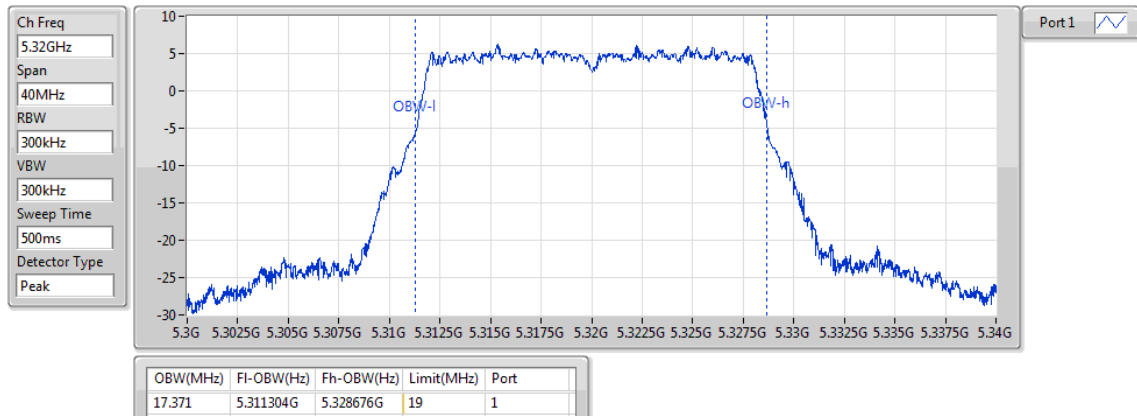
5320MHz_TnomVnom



802.11a_Nss1_1TX

OBW

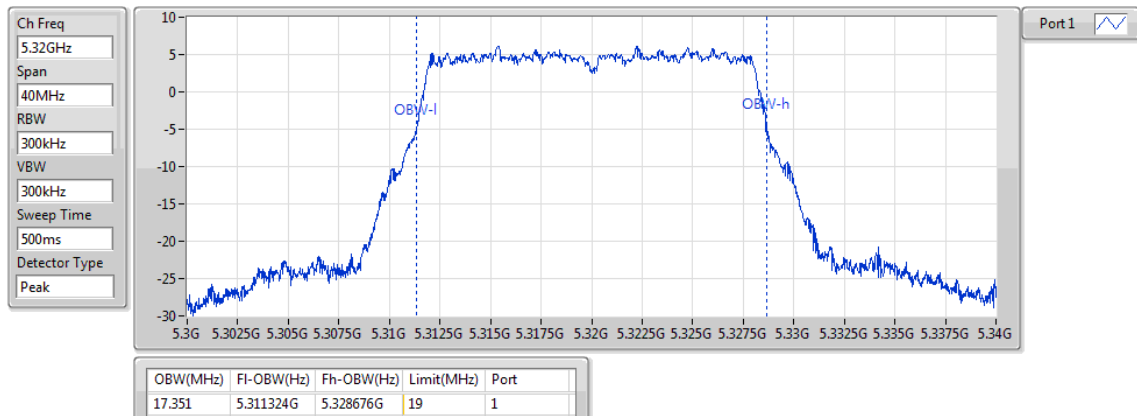
5320MHz_TnomVmin



802.11a_Nss1_1TX

OBW

5320MHz_TnomVmax





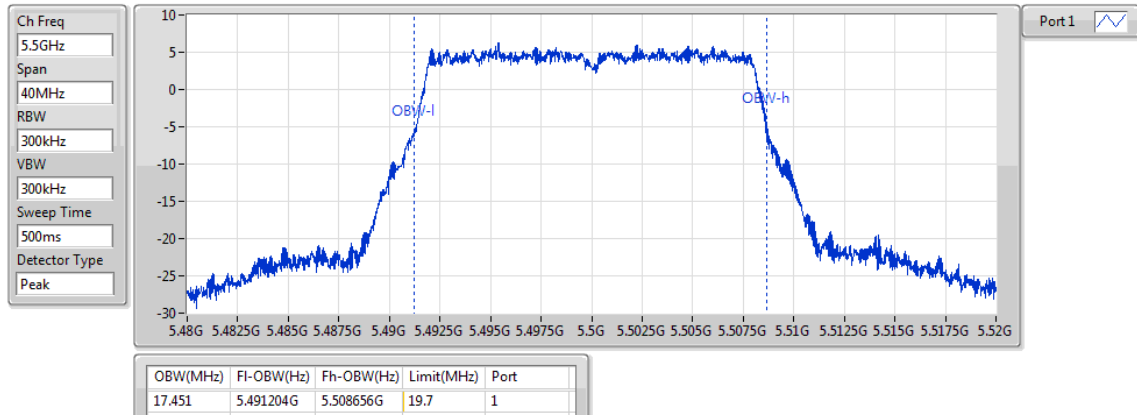
Occupied Bandwidth Result

Appendix C

802.11a_Nss1_1TX

OBW

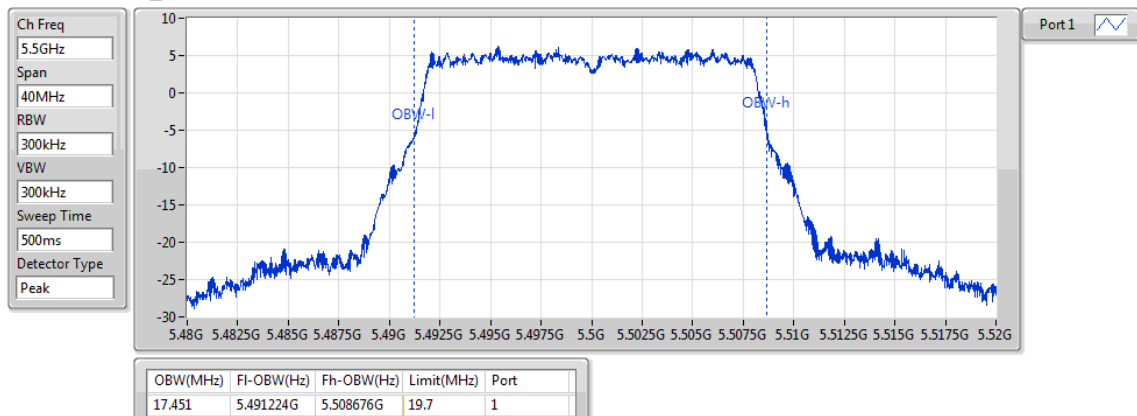
5500MHz_TnomVnom



802.11a_Nss1_1TX

OBW

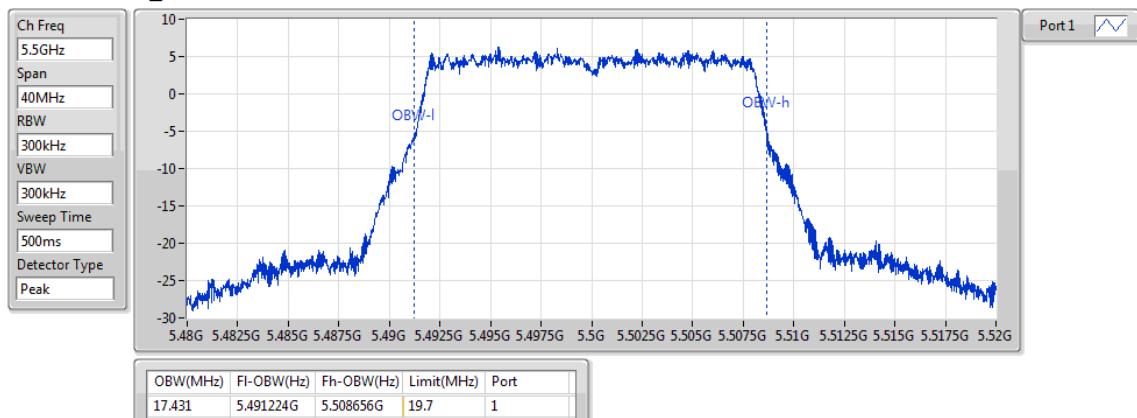
5500MHz_TnomVmin



802.11a_Nss1_1TX

OBW

5500MHz_TnomVmax





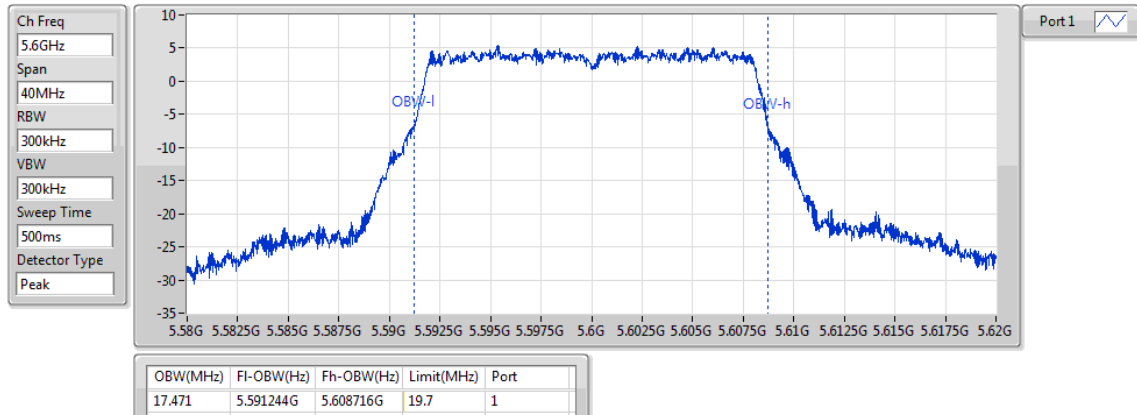
Occupied Bandwidth Result

Appendix C

802.11a_Nss1_1TX

OBW

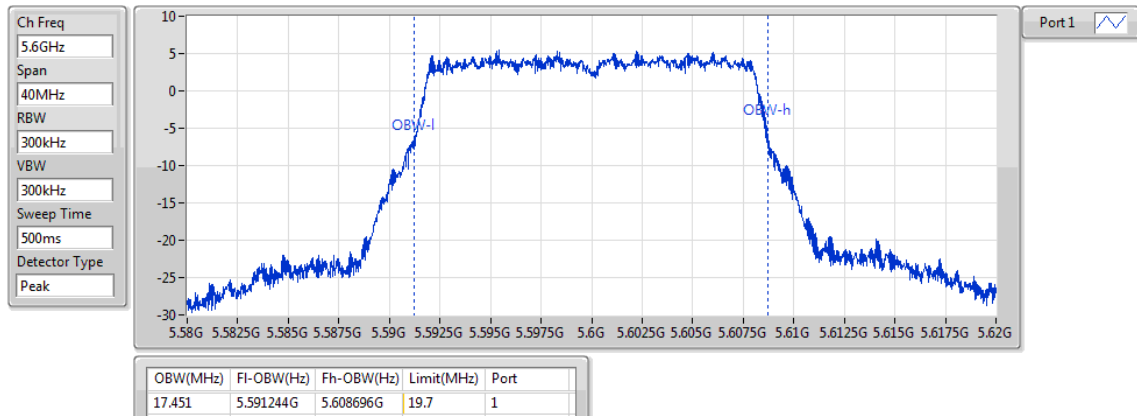
5600MHz_TnomVnom



802.11a_Nss1_1TX

OBW

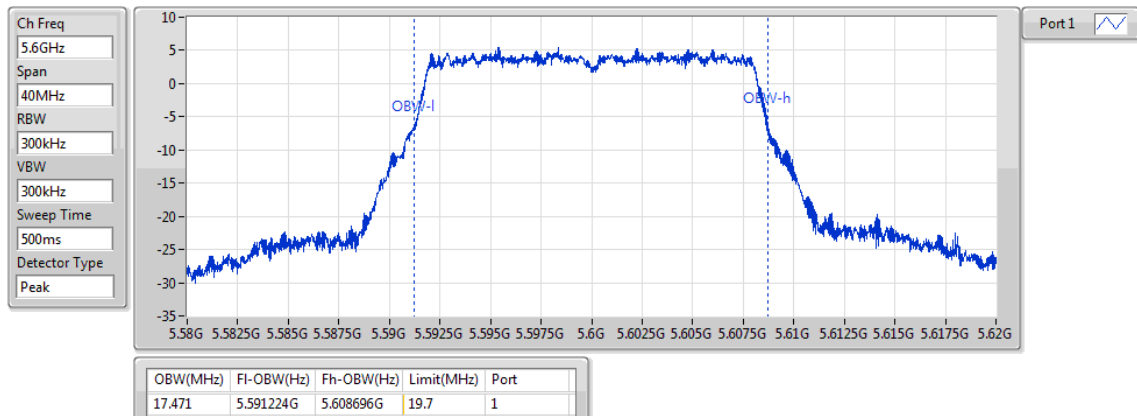
5600MHz_TnomVmin



802.11a_Nss1_1TX

OBW

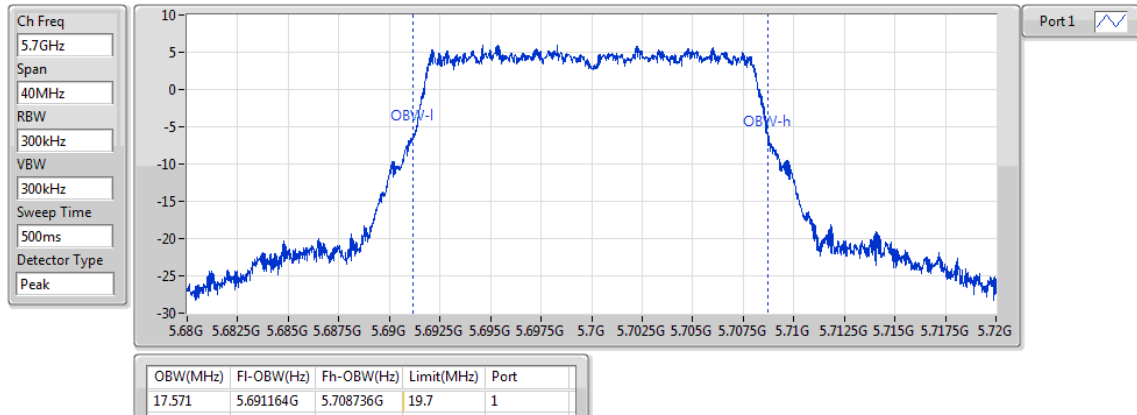
5600MHz_TnomVmax



802.11a_Nss1_1TX

OBW

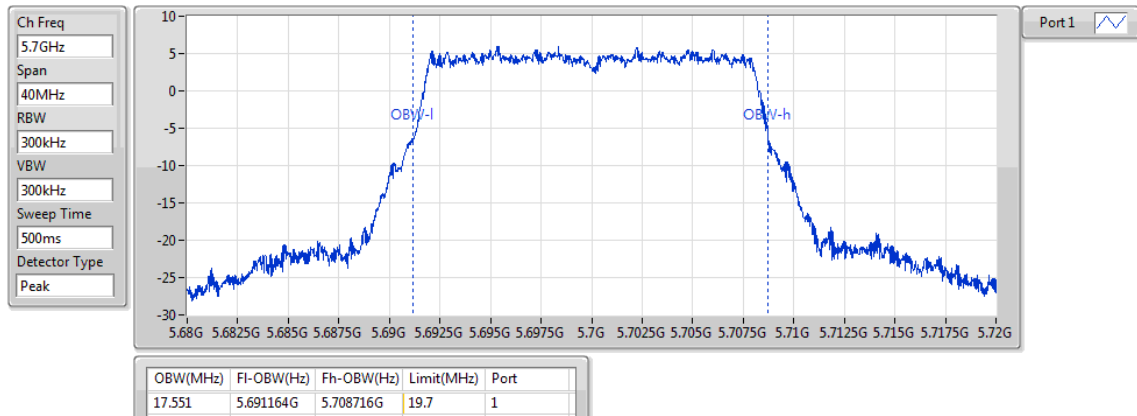
5700MHz_TnomVnom



802.11a_Nss1_1TX

OBW

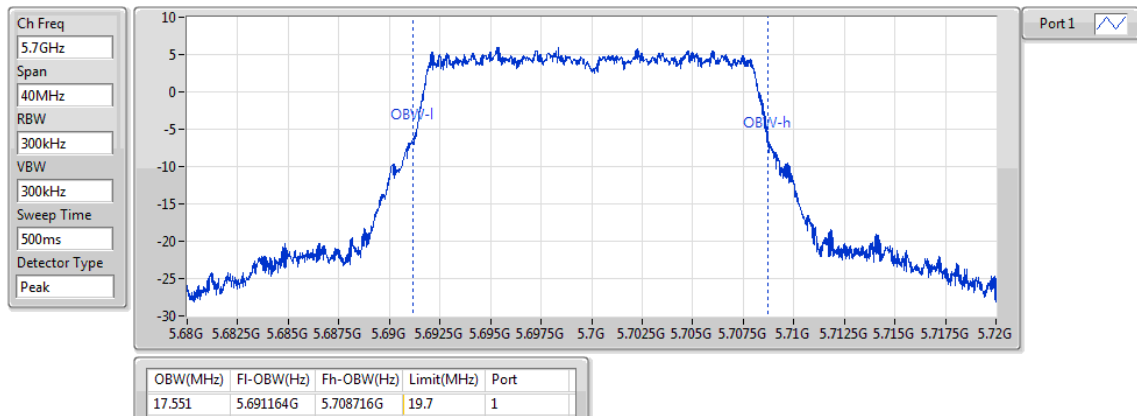
5700MHz_TnomVmin



802.11a_Nss1_1TX

OBW

5700MHz_TnomVmax





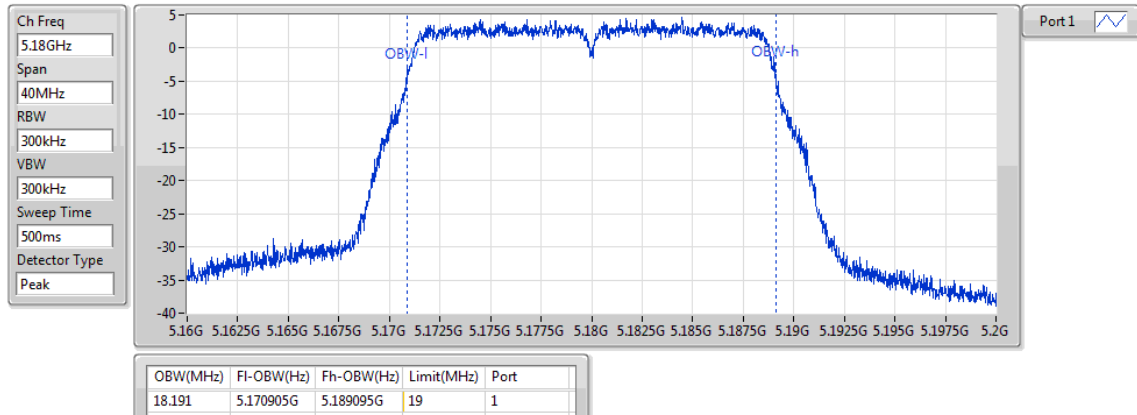
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

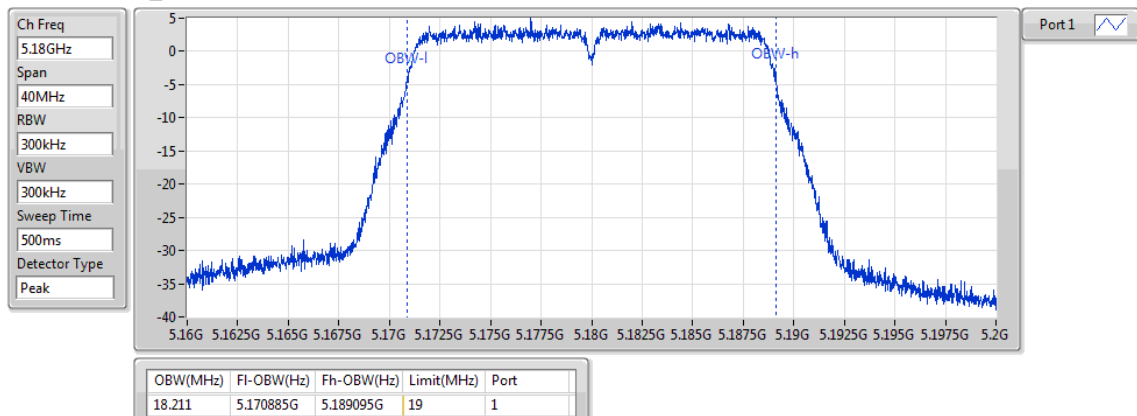
5180MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

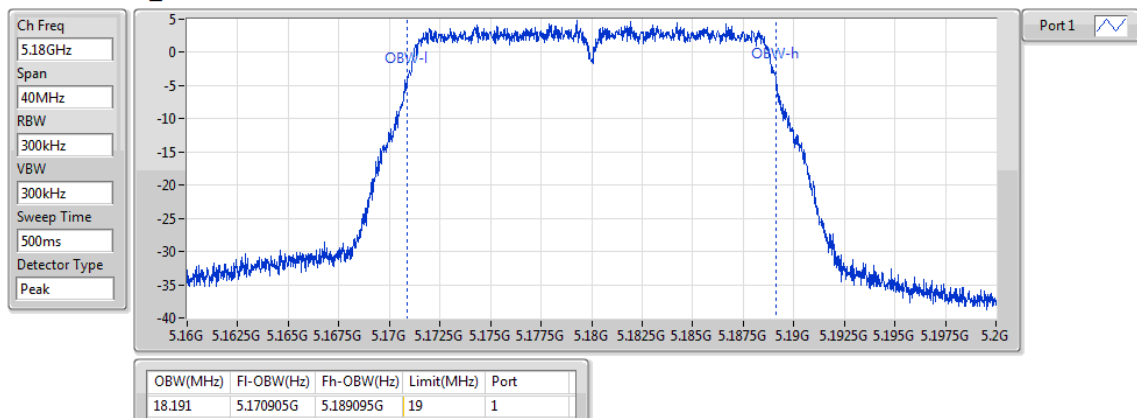
5180MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

5180MHz_TnomVmax





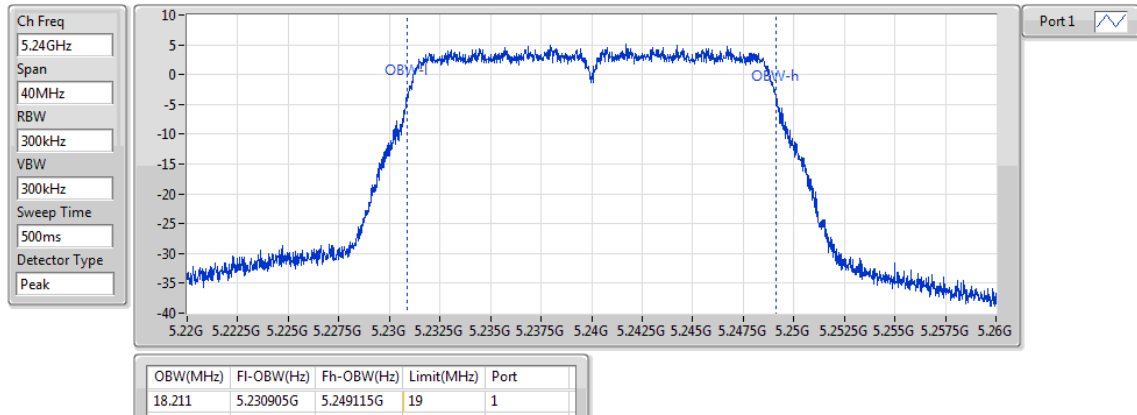
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

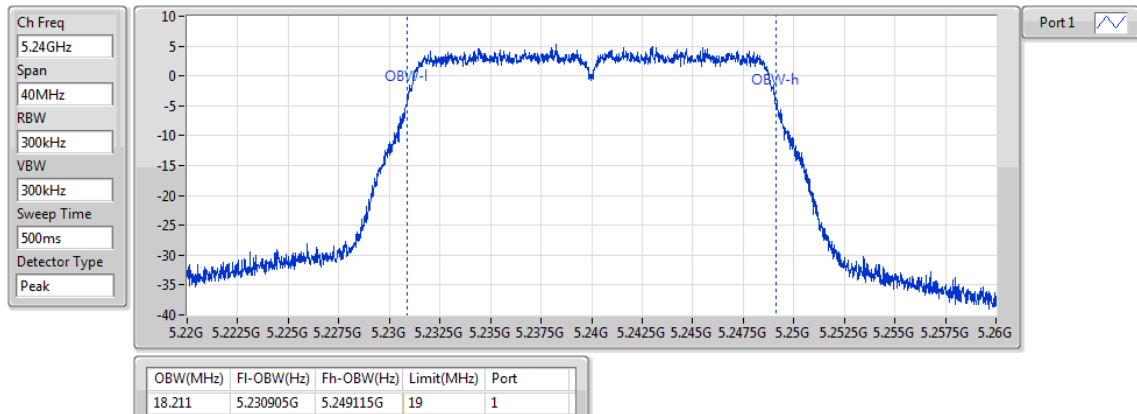
5240MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

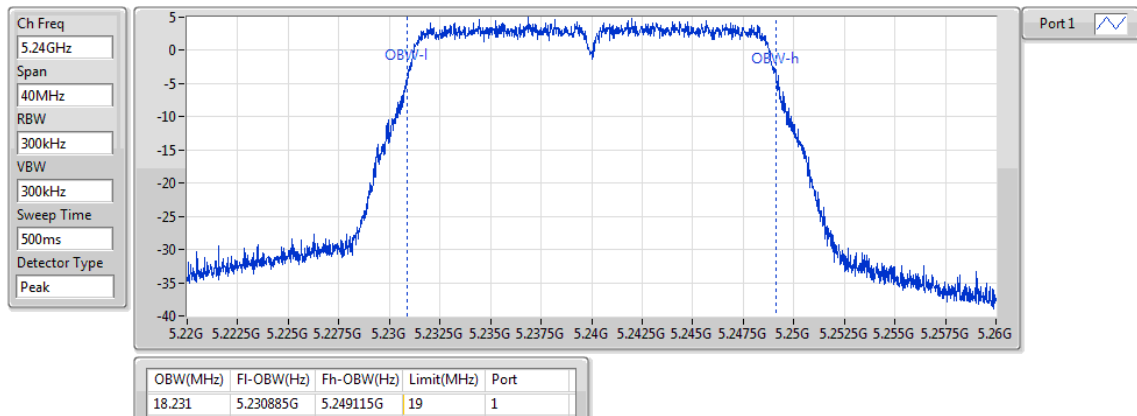
5240MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

5240MHz_TnomVmax





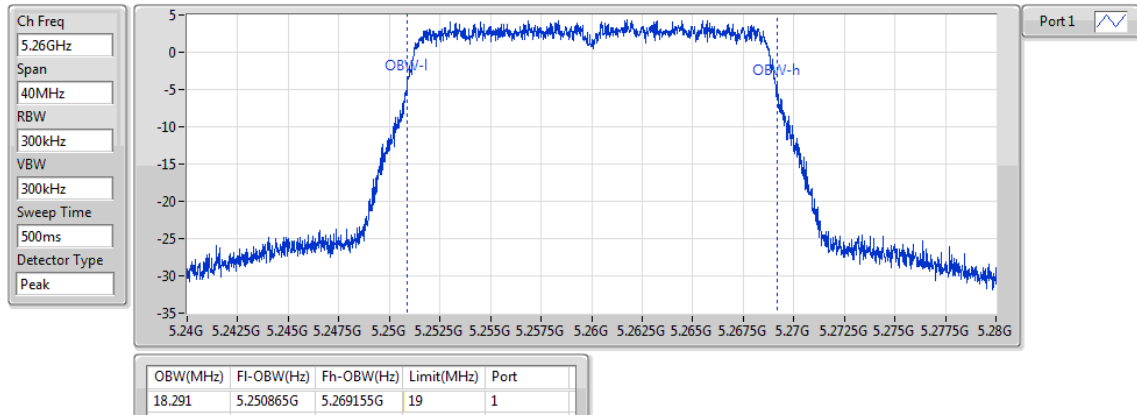
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

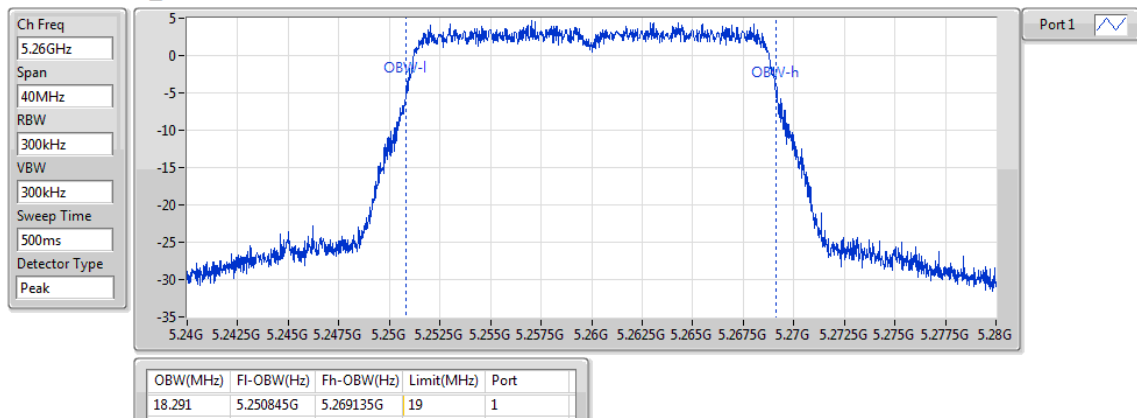
5260MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

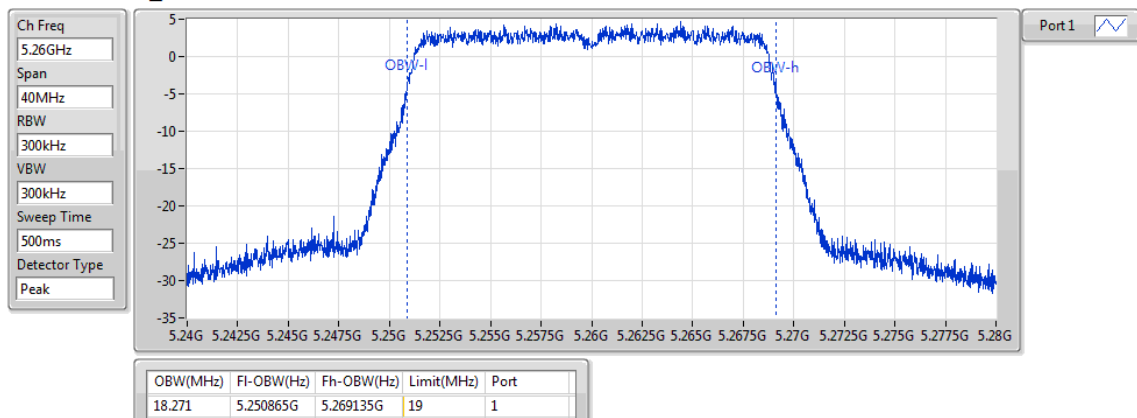
5260MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

5260MHz_TnomVmax





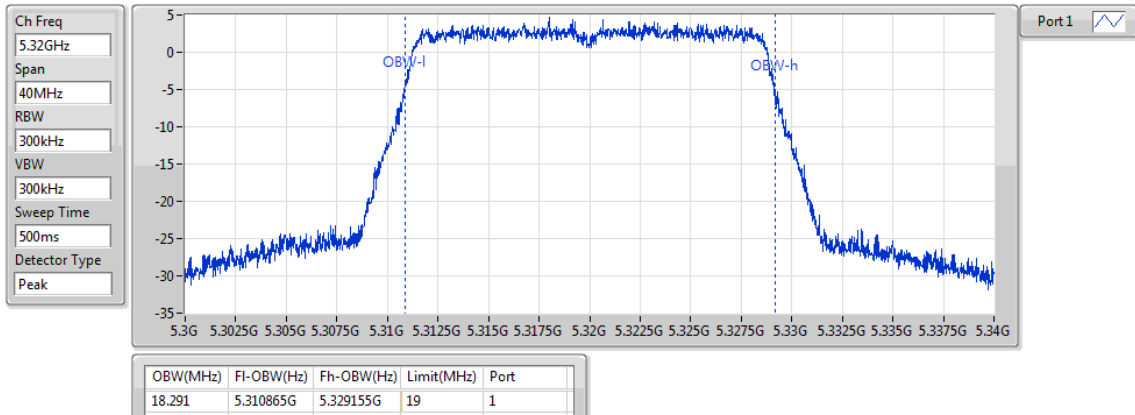
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

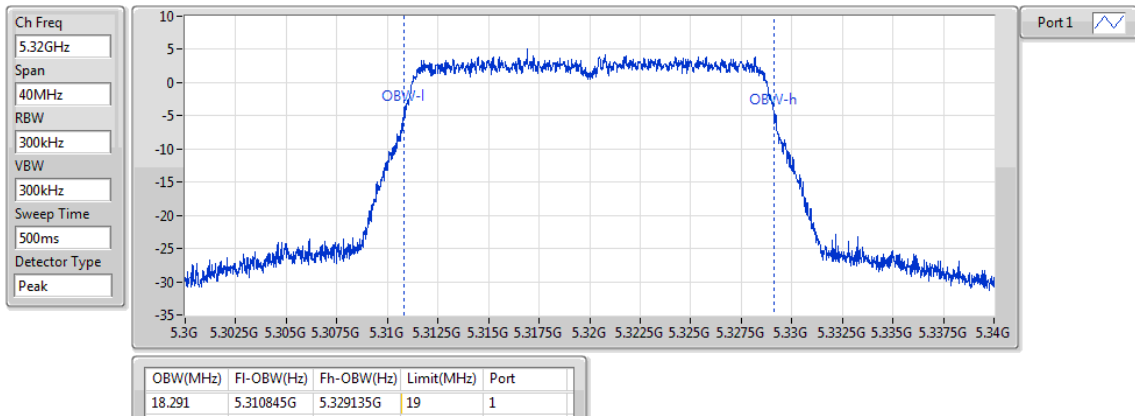
5320MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

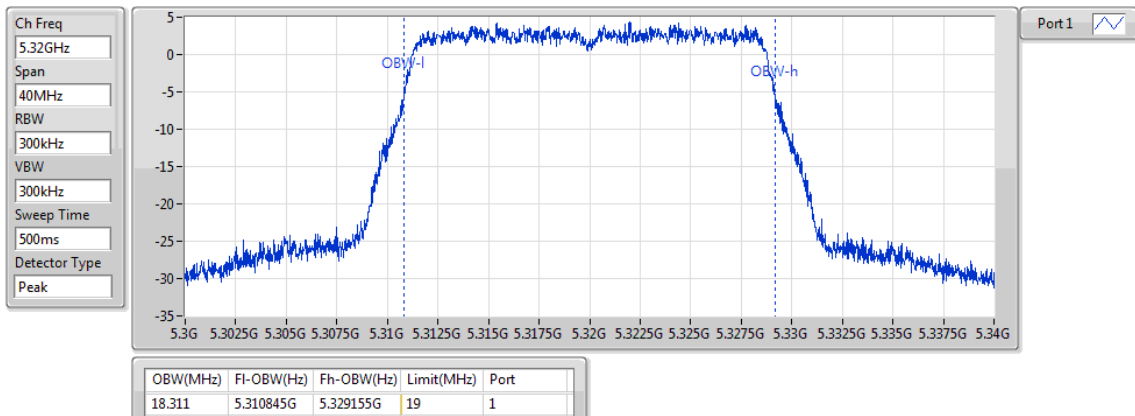
5320MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

5320MHz_TnomVmax





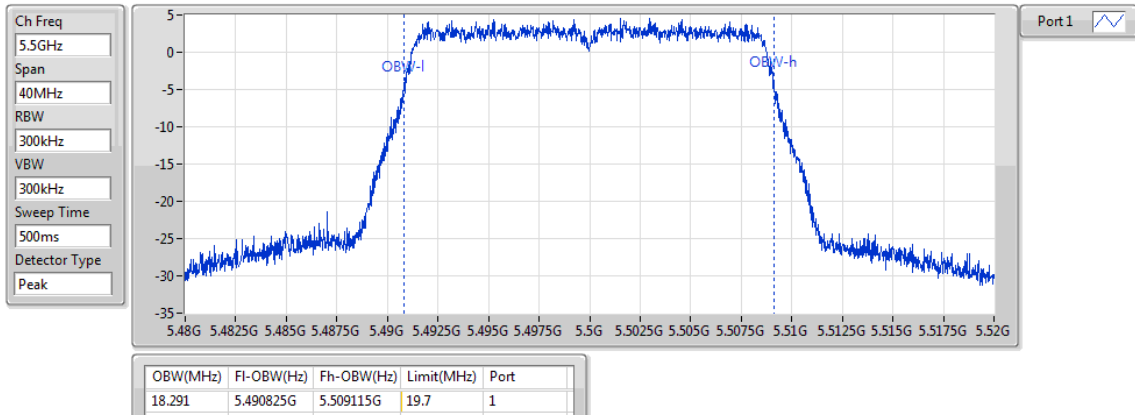
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

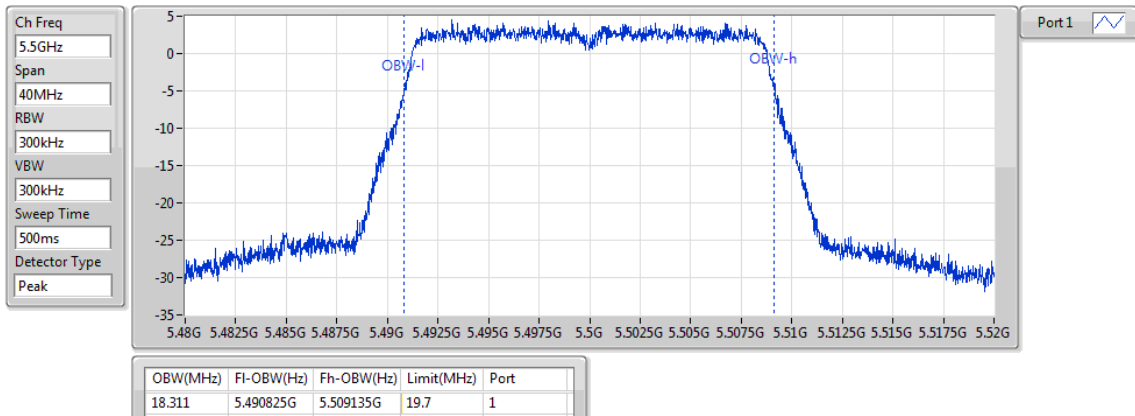
5500MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

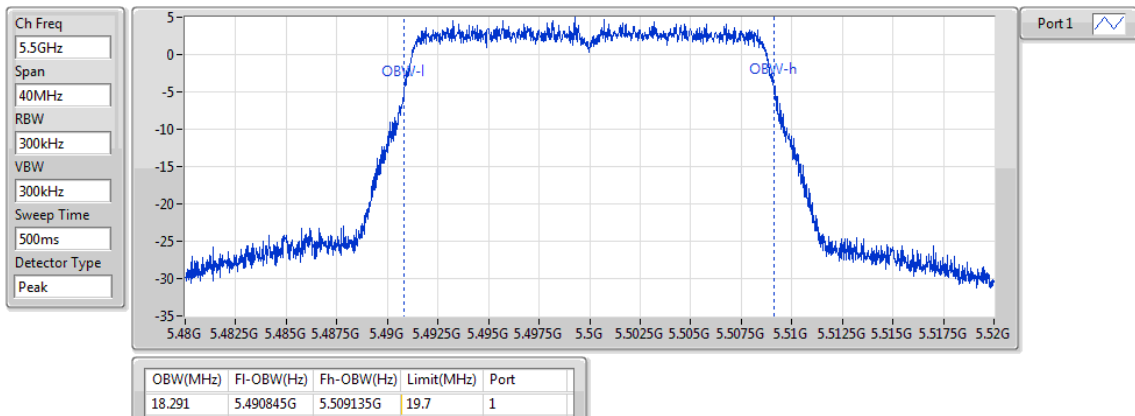
5500MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

5500MHz_TnomVmax





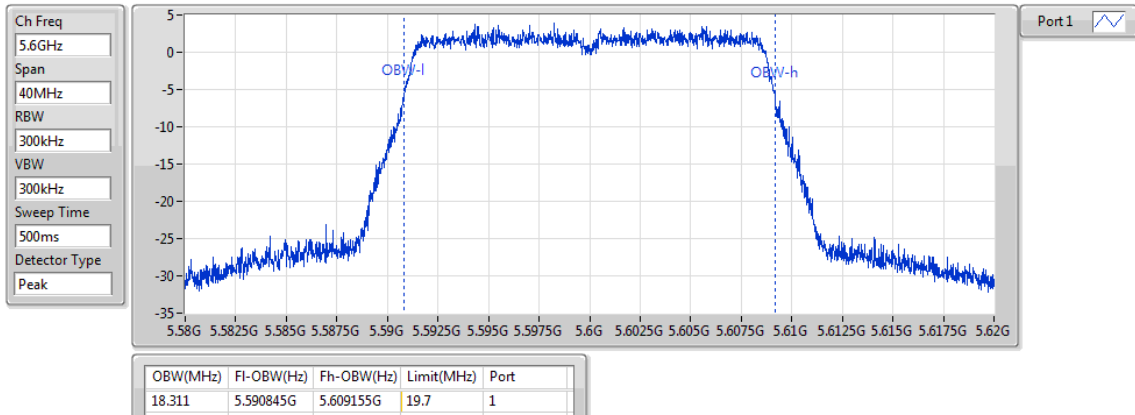
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

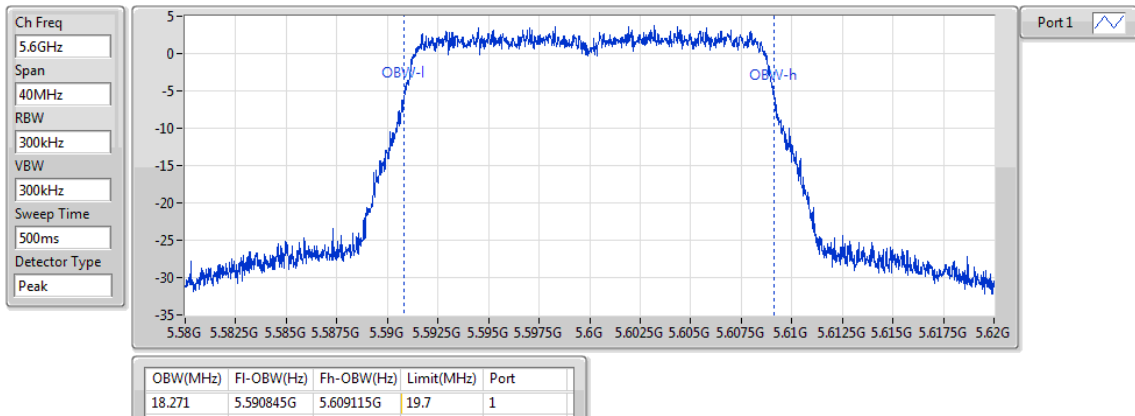
5600MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

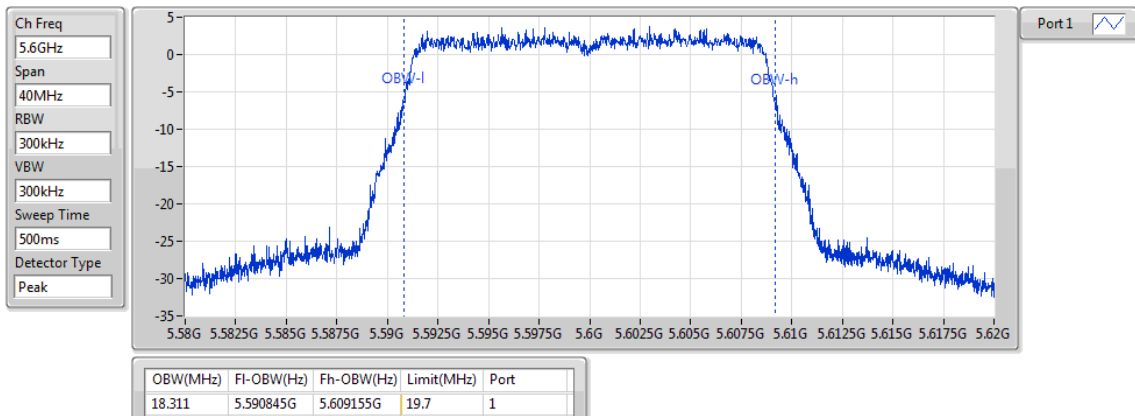
5600MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

5600MHz_TnomVmax





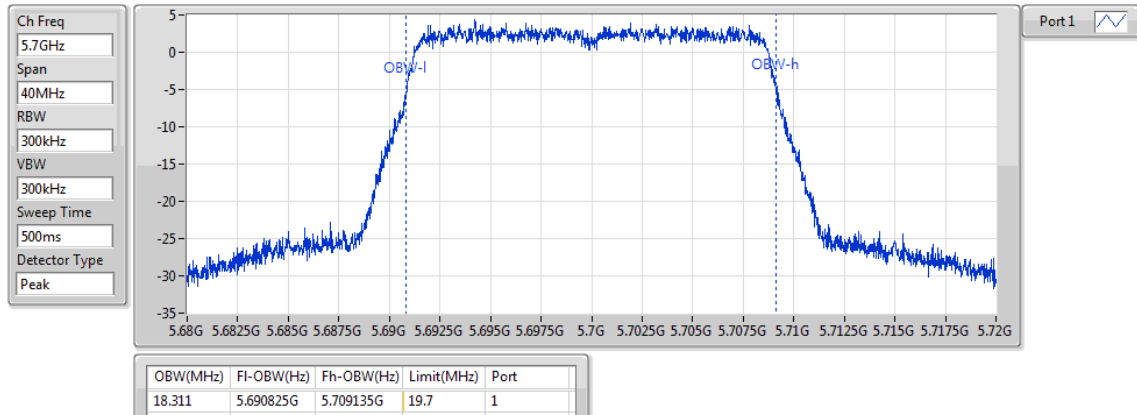
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

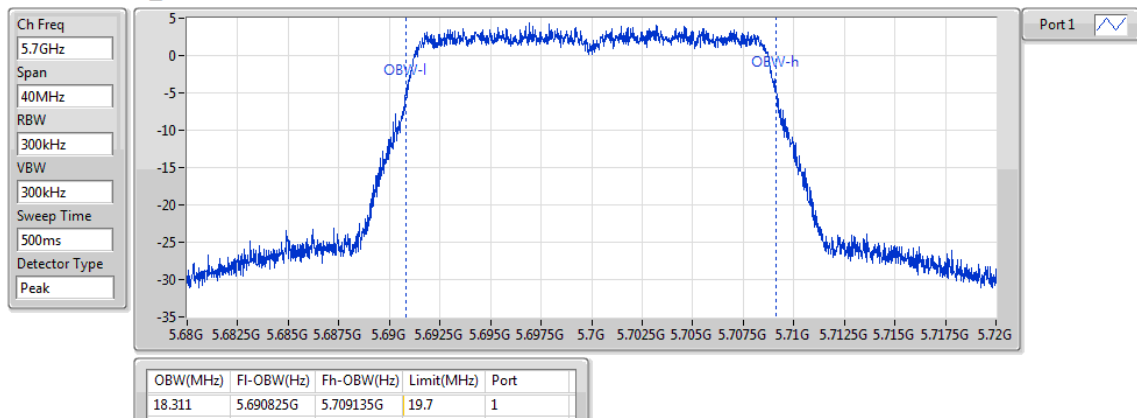
5700MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

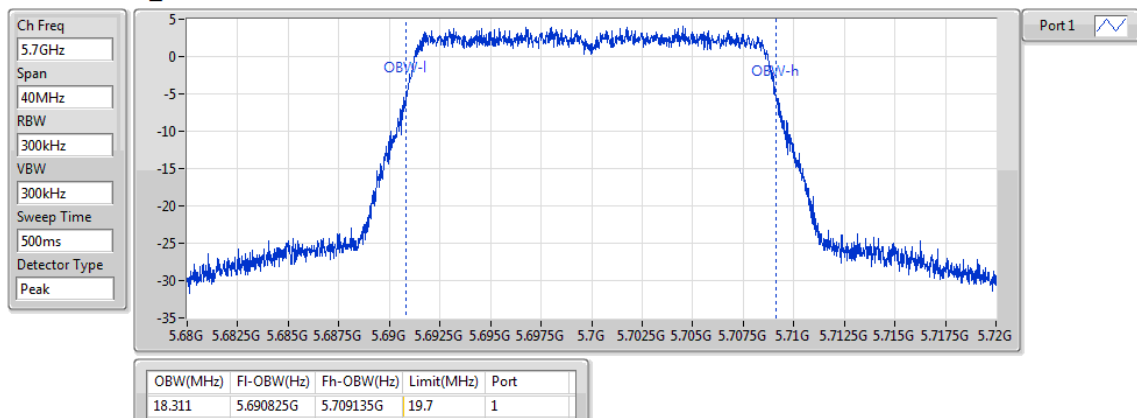
5700MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

5700MHz_TnomVmax





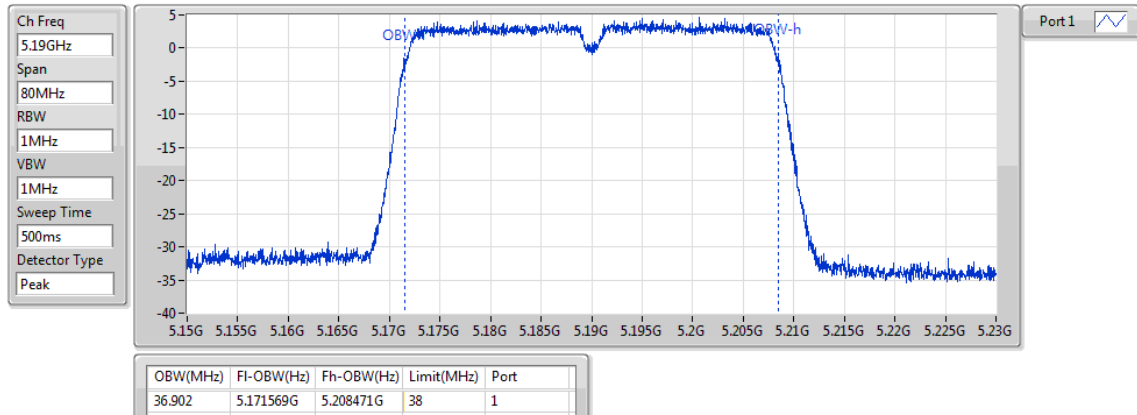
Occupied Bandwidth Result

Appendix C

802.11n HT40_Nss1,(MCS0)_1TX

OBW

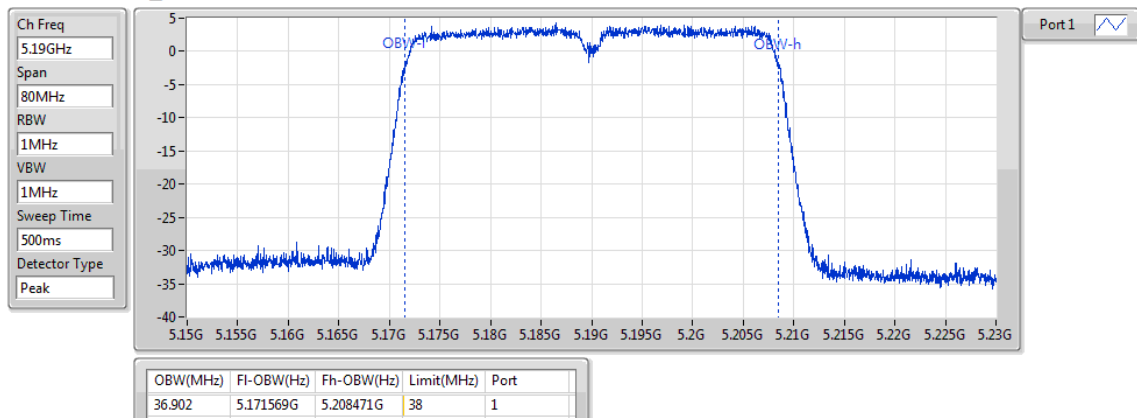
5190MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

OBW

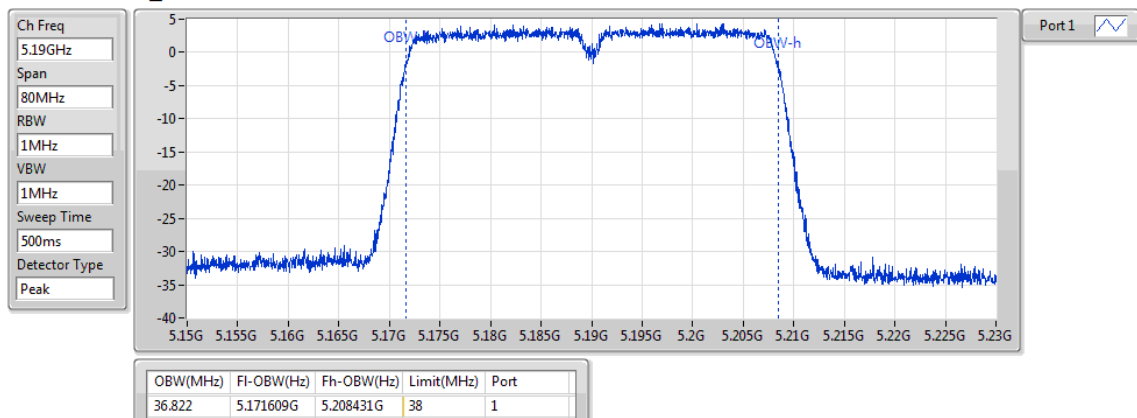
5190MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

OBW

5190MHz_TnomVmax





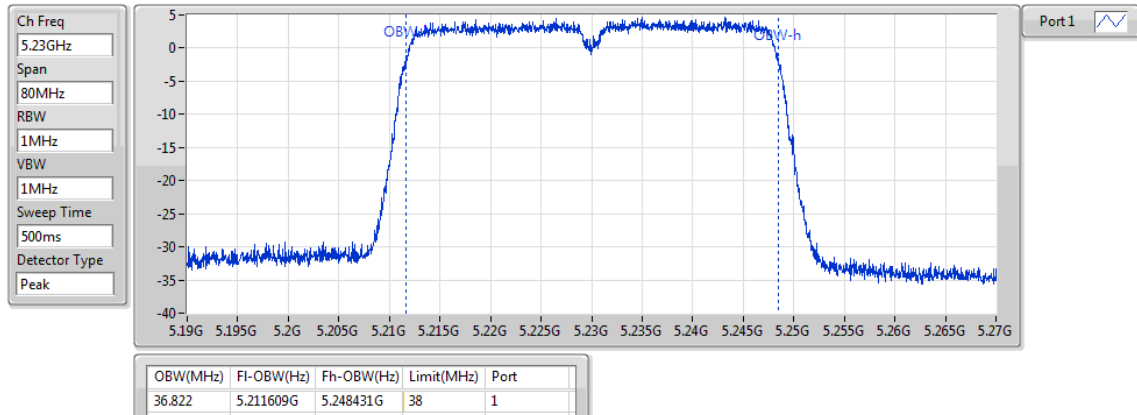
Occupied Bandwidth Result

Appendix C

802.11n HT40_Nss1,(MCS0)_1TX

OBW

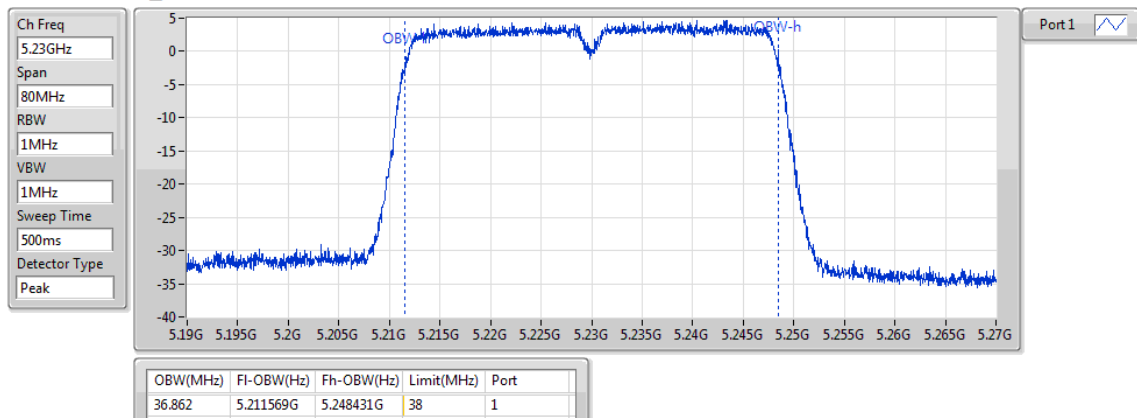
5230MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

OBW

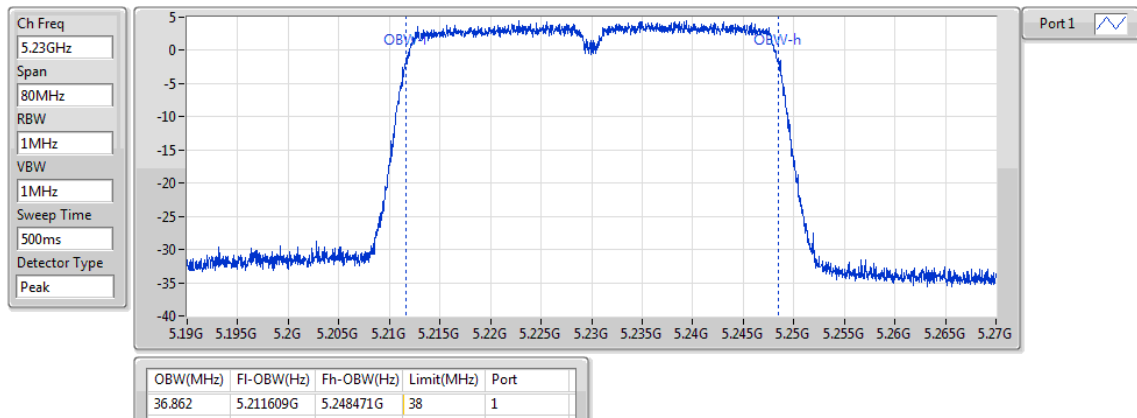
5230MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

OBW

5230MHz_TnomVmax





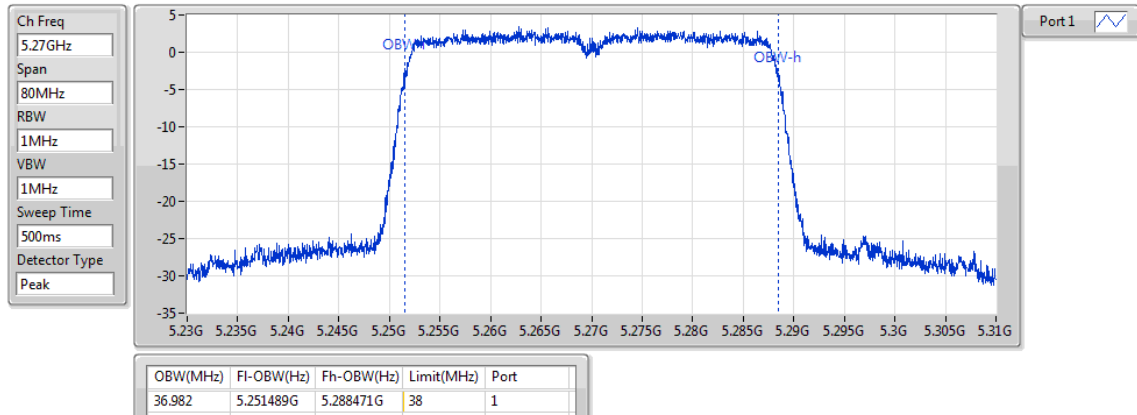
Occupied Bandwidth Result

Appendix C

802.11n HT40_Nss1,(MCS0)_1TX

OBW

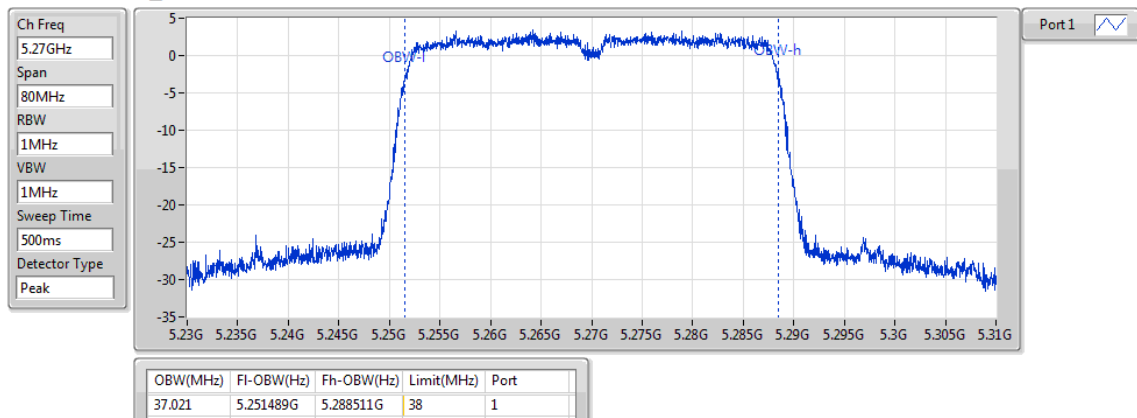
5270MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

OBW

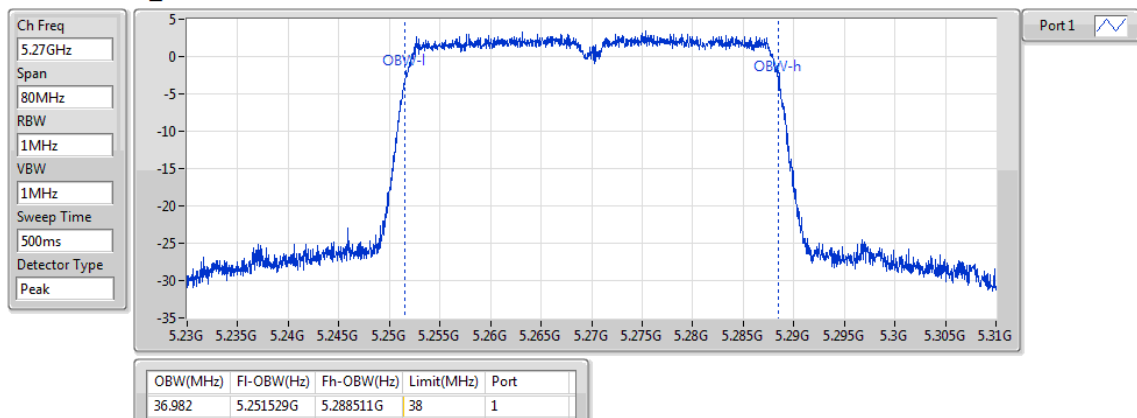
5270MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

OBW

5270MHz_TnomVmax





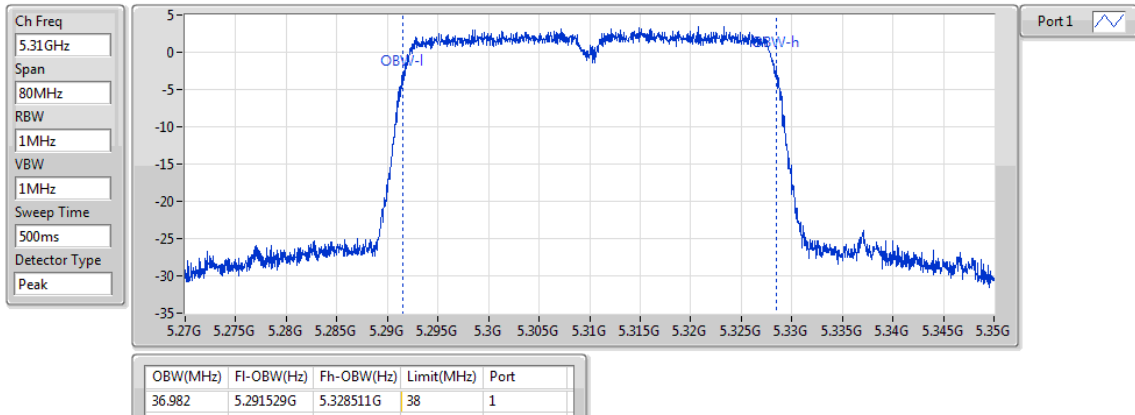
Occupied Bandwidth Result

Appendix C

802.11n HT40_Nss1,(MCS0)_1TX

OBW

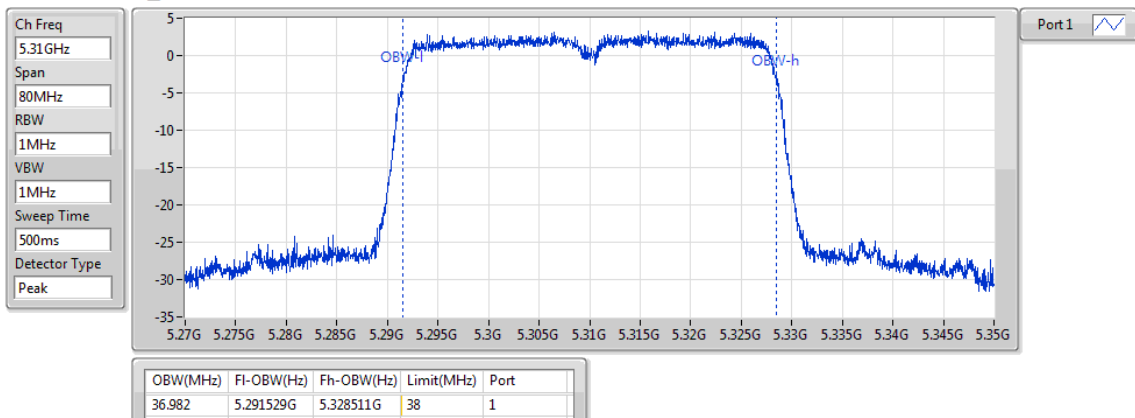
5310MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

OBW

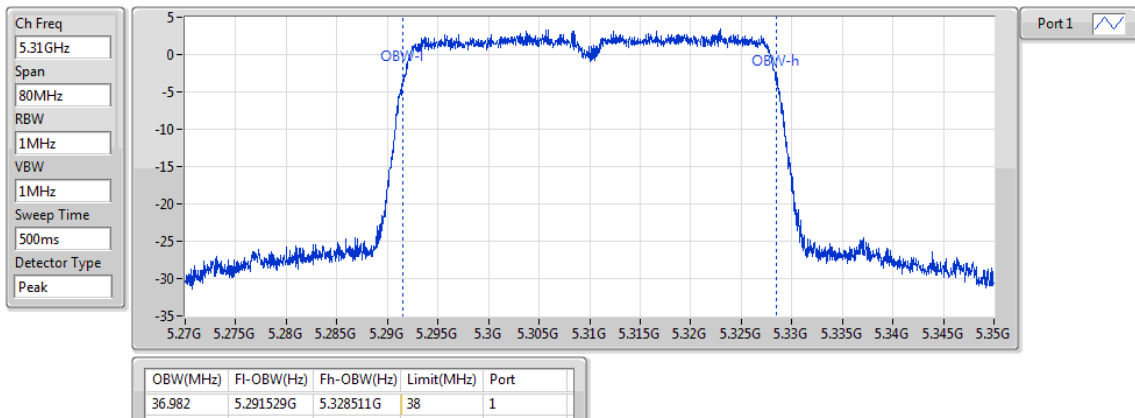
5310MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

OBW

5310MHz_TnomVmax





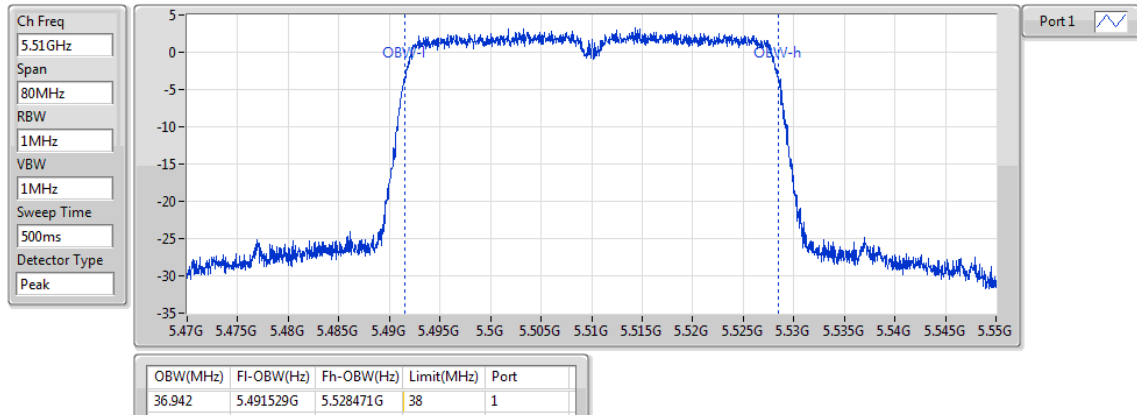
Occupied Bandwidth Result

Appendix C

802.11n HT40_Nss1,(MCS0)_1TX

OBW

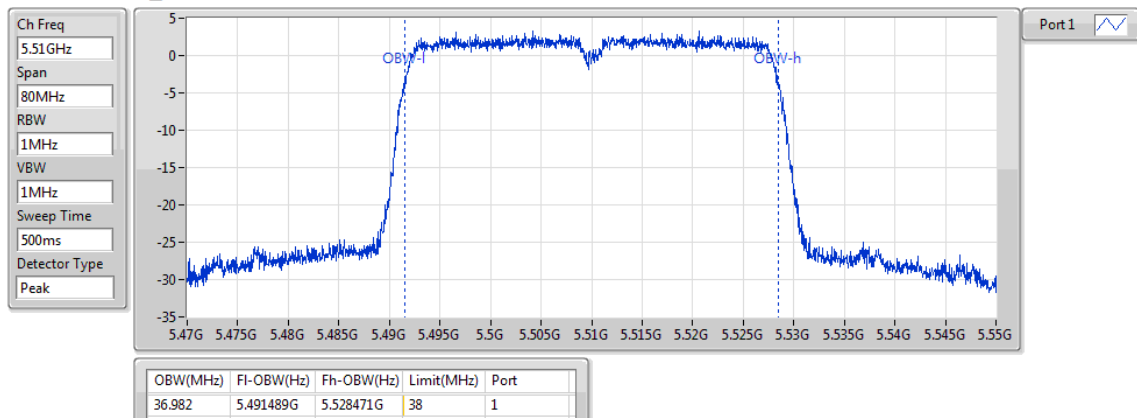
5510MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

OBW

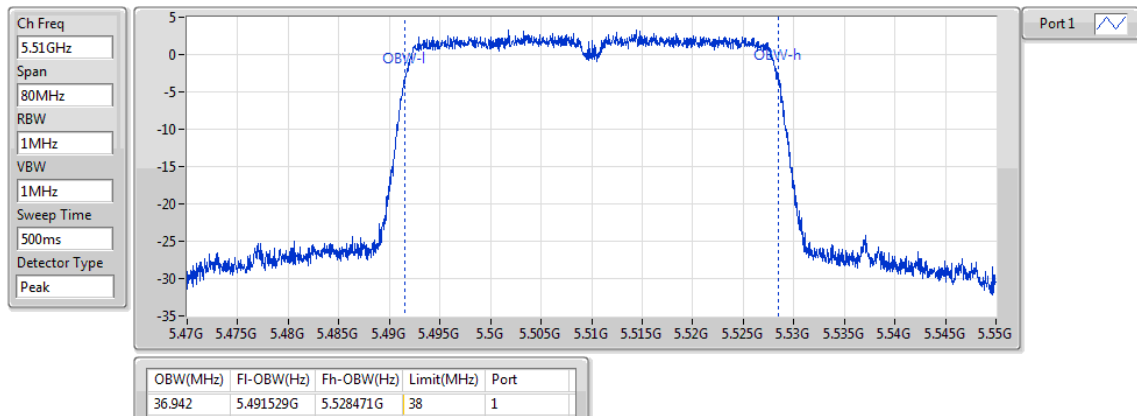
5510MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

OBW

5510MHz_TnomVmax





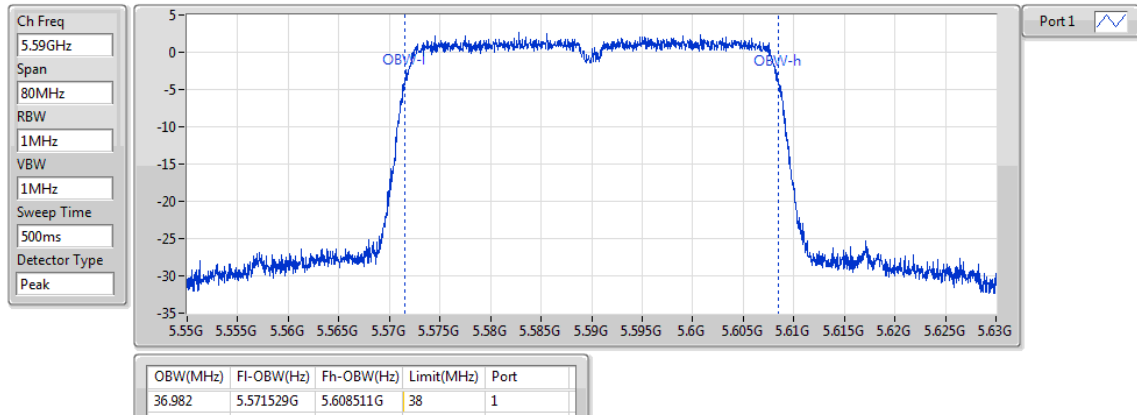
Occupied Bandwidth Result

Appendix C

802.11n HT40_Nss1,(MCS0)_1TX

OBW

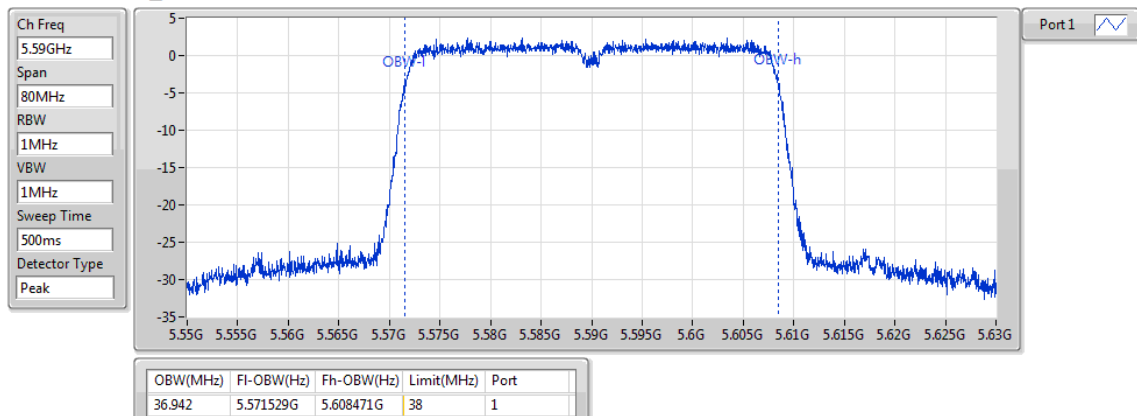
5590MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

OBW

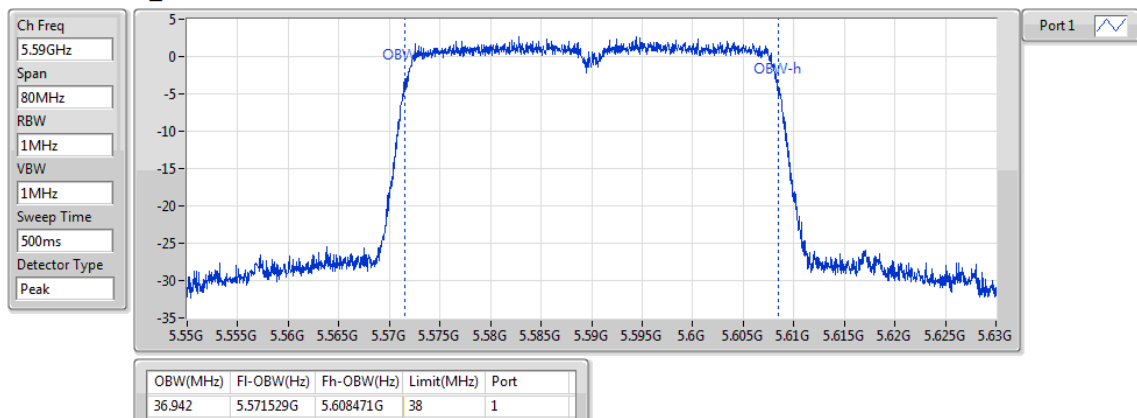
5590MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

OBW

5590MHz_TnomVmax





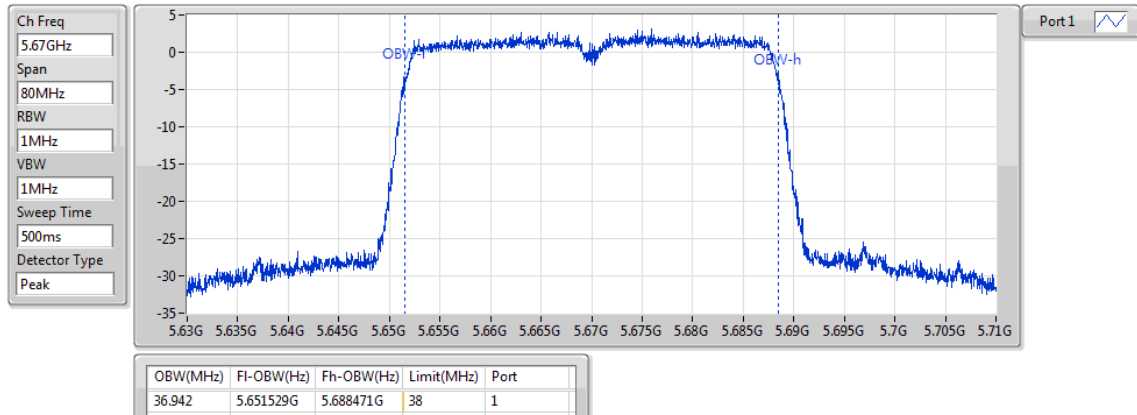
Occupied Bandwidth Result

Appendix C

802.11n HT40_Nss1,(MCS0)_1TX

OBW

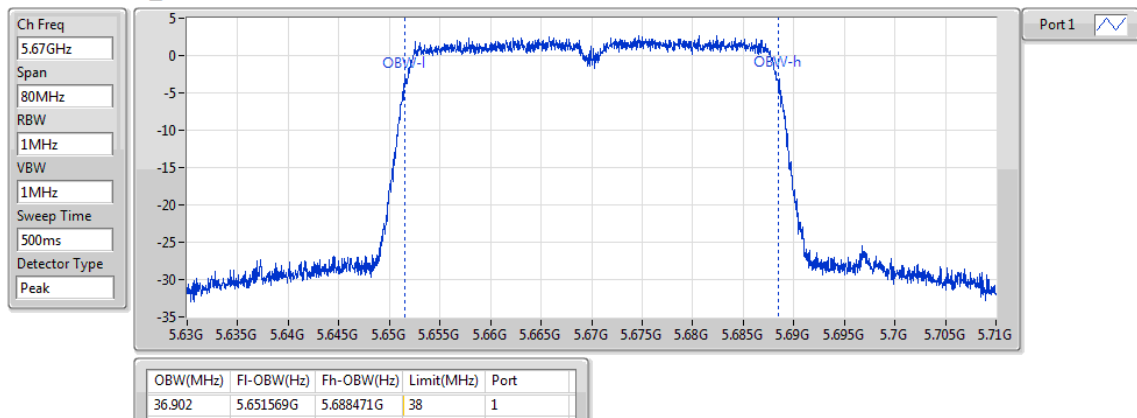
5670MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

OBW

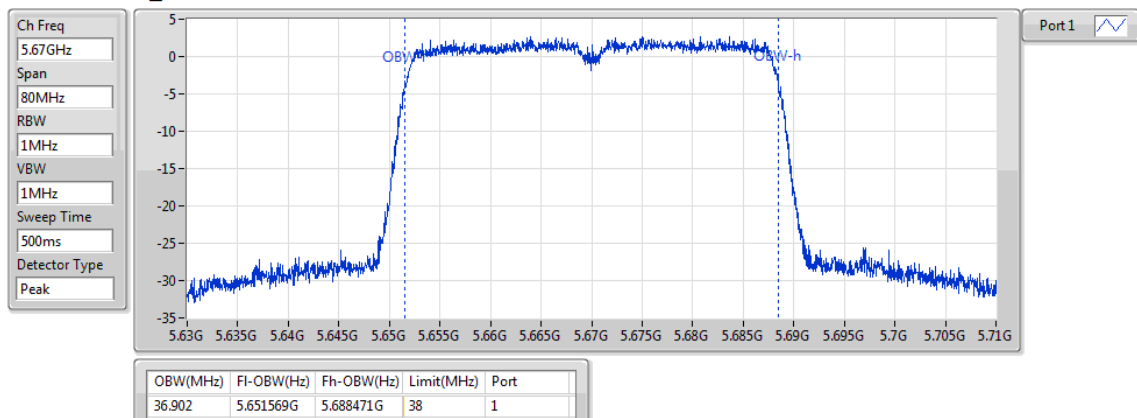
5670MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

OBW

5670MHz_TnomVmax





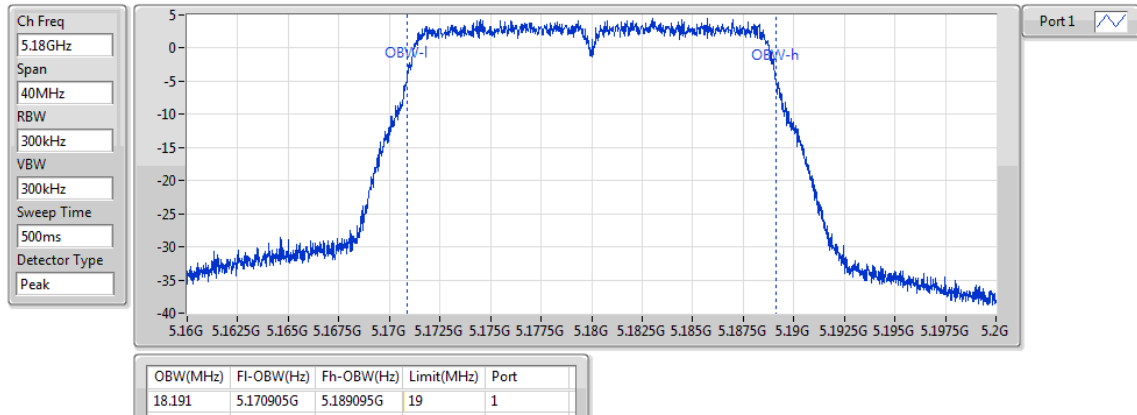
Occupied Bandwidth Result

Appendix C

802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

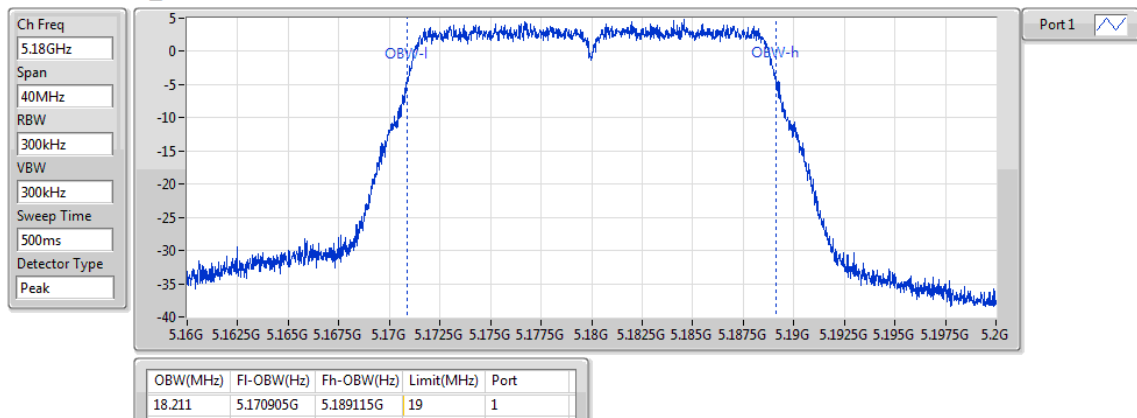
5180MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

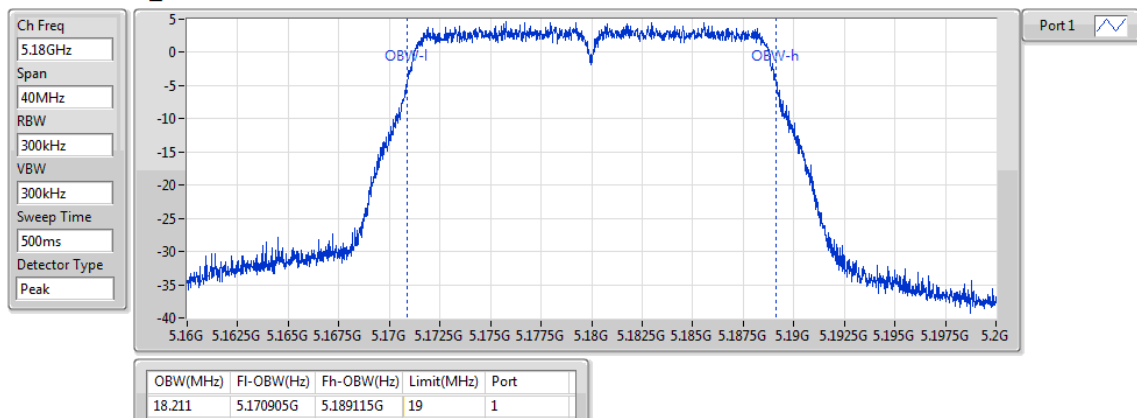
5180MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5180MHz_TnomVmax





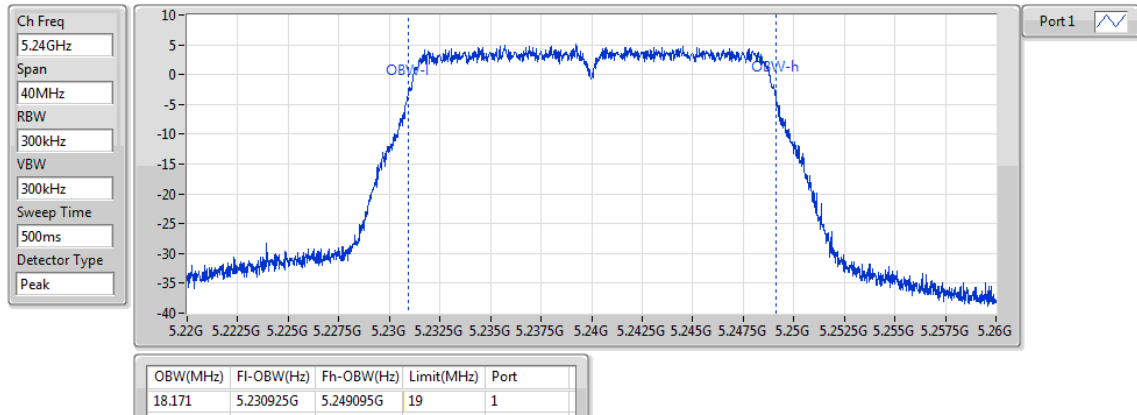
Occupied Bandwidth Result

Appendix C

802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

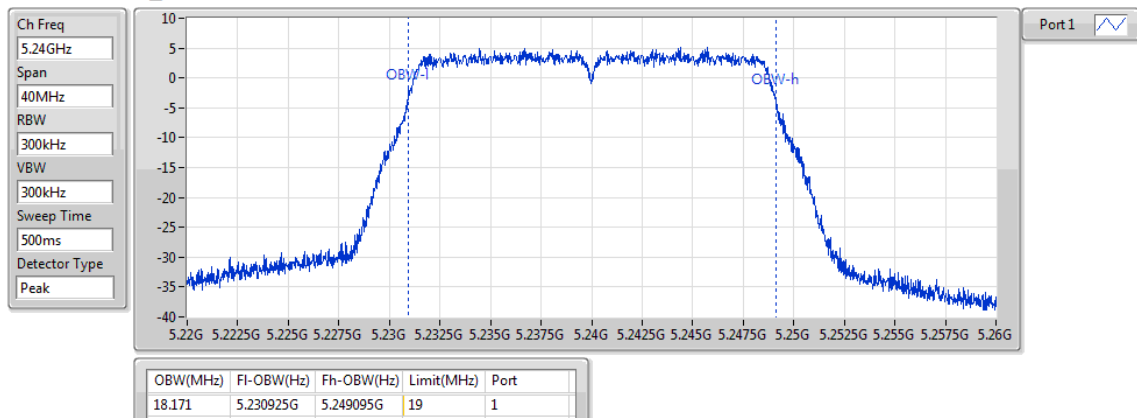
5240MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

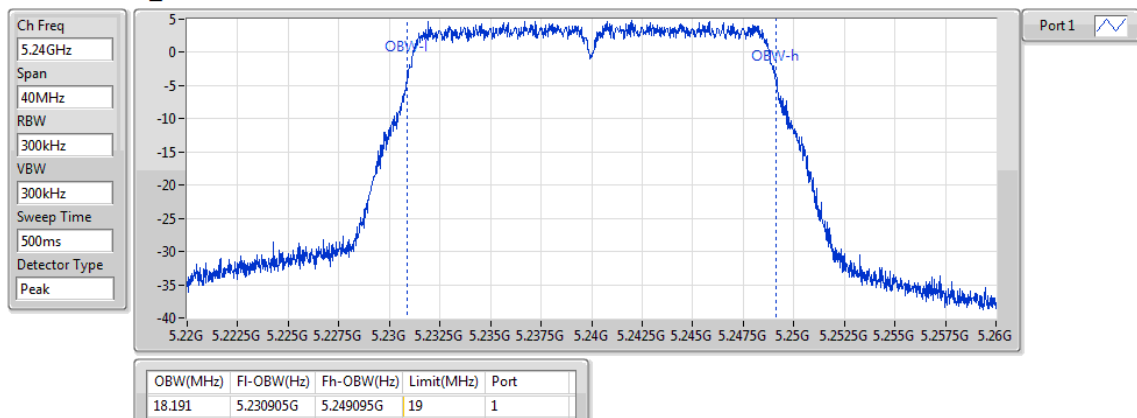
5240MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5240MHz_TnomVmax





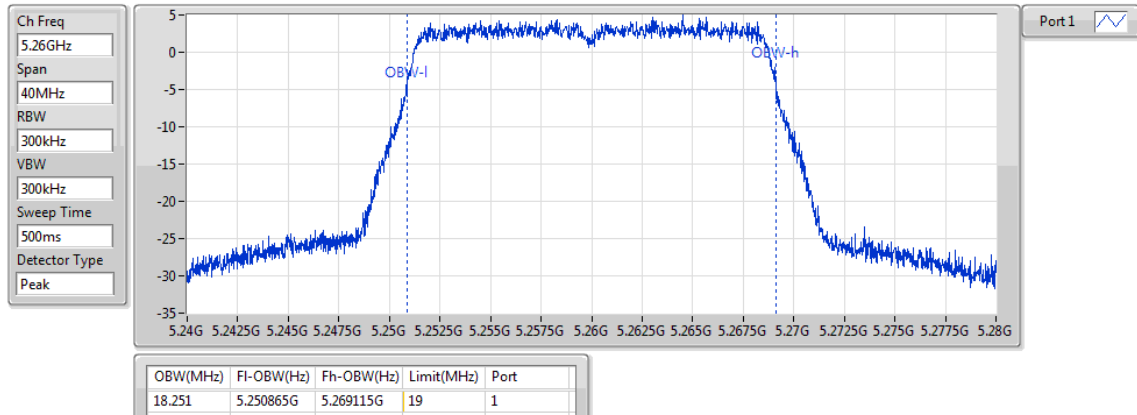
Occupied Bandwidth Result

Appendix C

802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

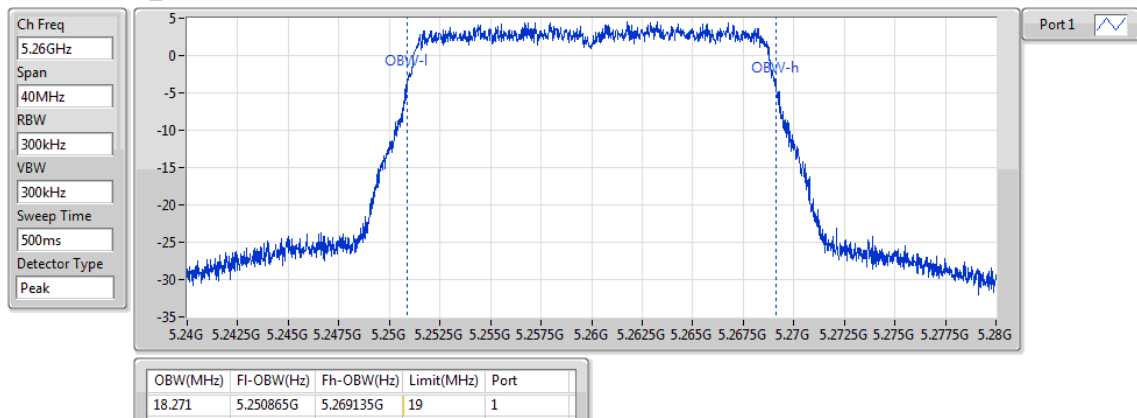
5260MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

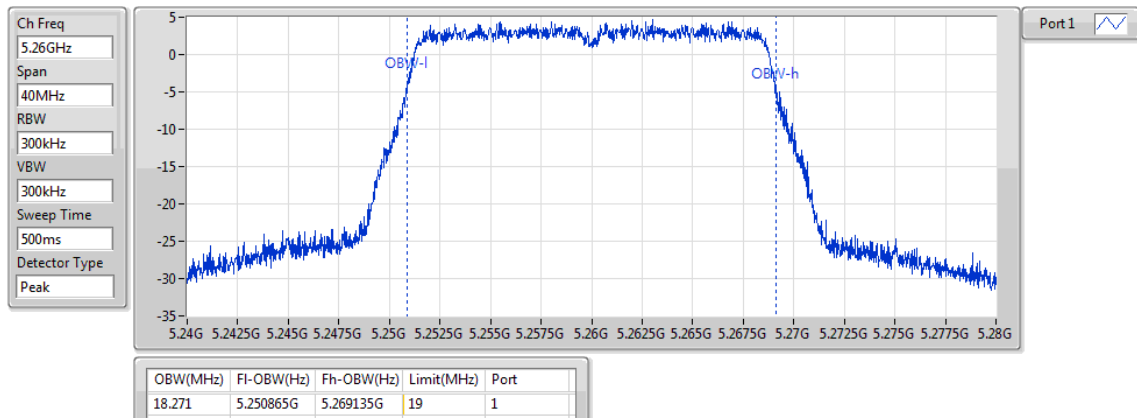
5260MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5260MHz_TnomVmax





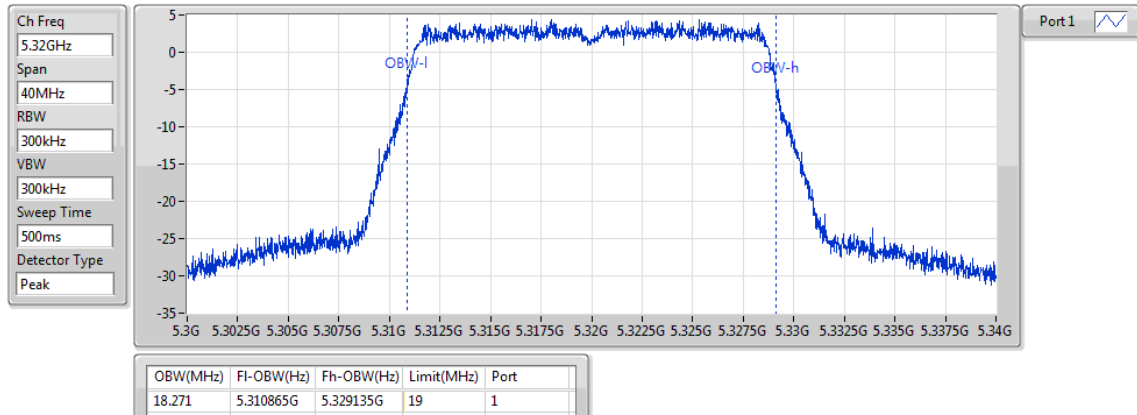
Occupied Bandwidth Result

Appendix C

802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

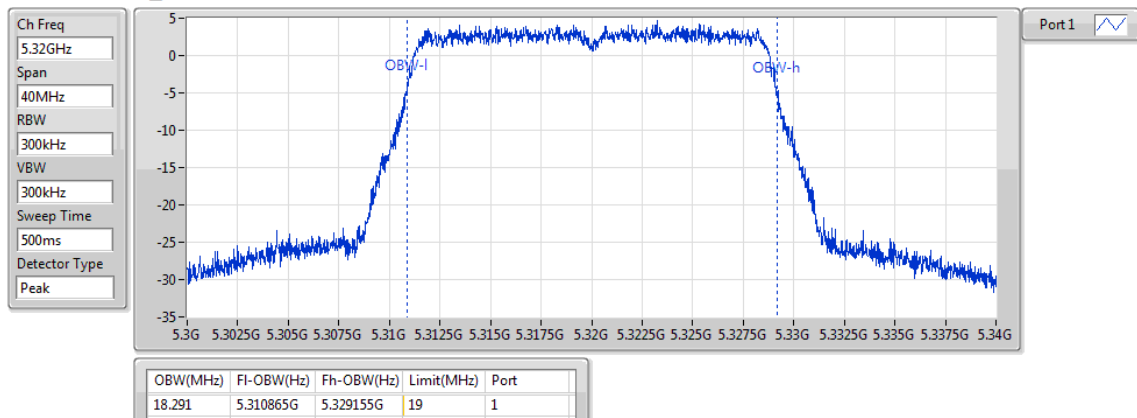
5320MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

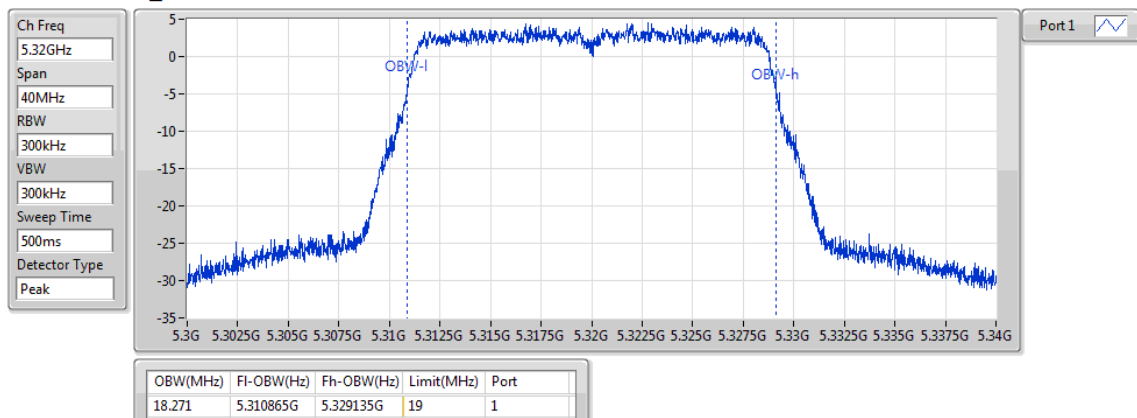
5320MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5320MHz_TnomVmax





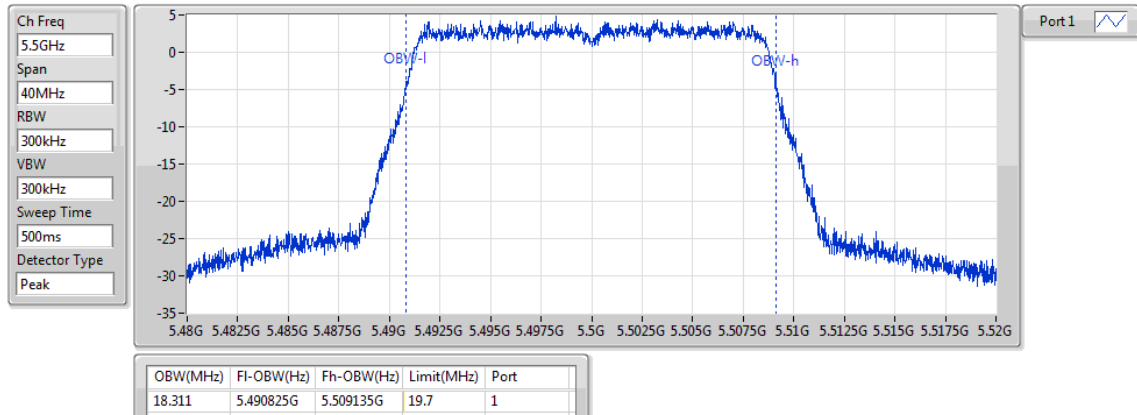
Occupied Bandwidth Result

Appendix C

802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

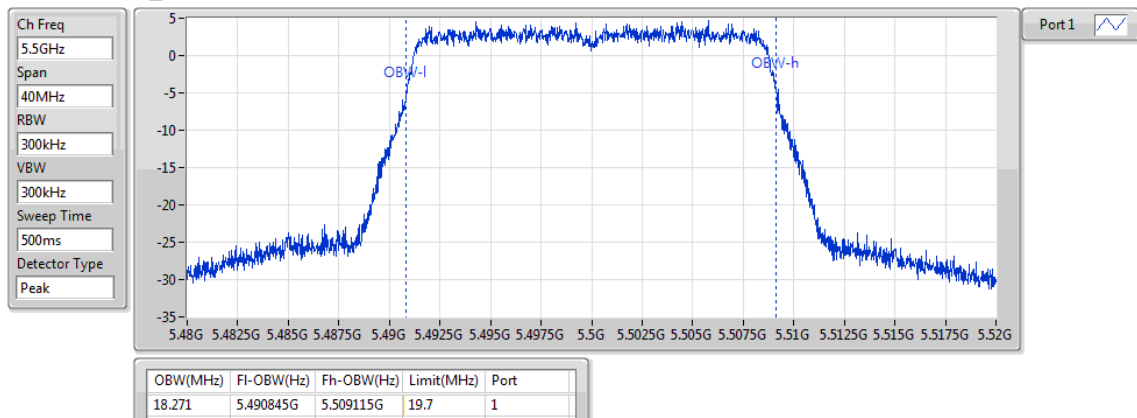
5500MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

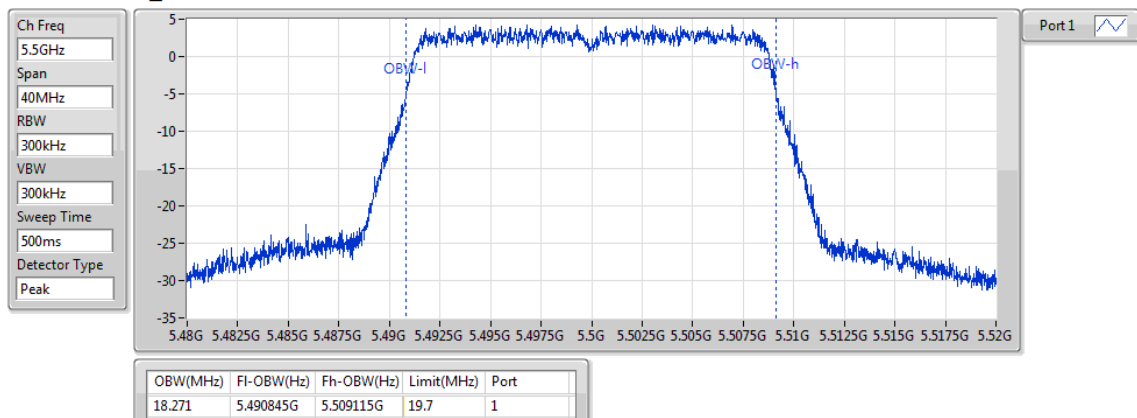
5500MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5500MHz_TnomVmax





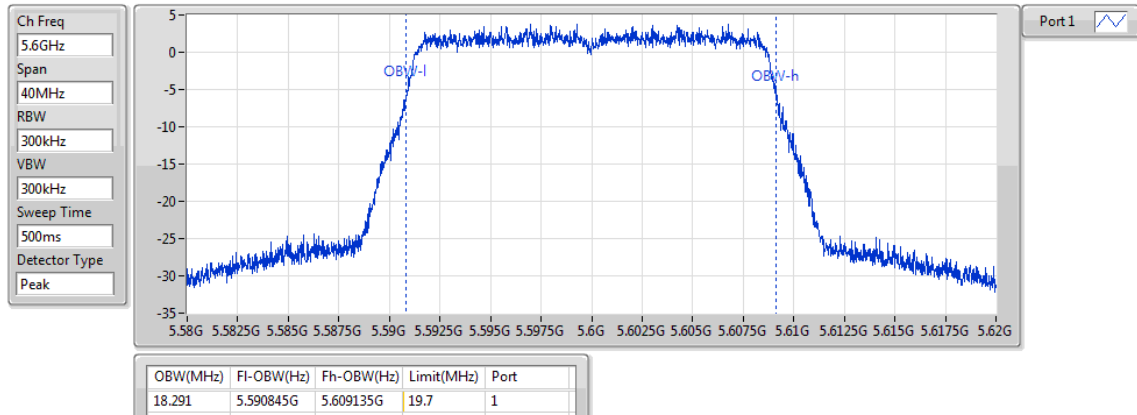
Occupied Bandwidth Result

Appendix C

802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

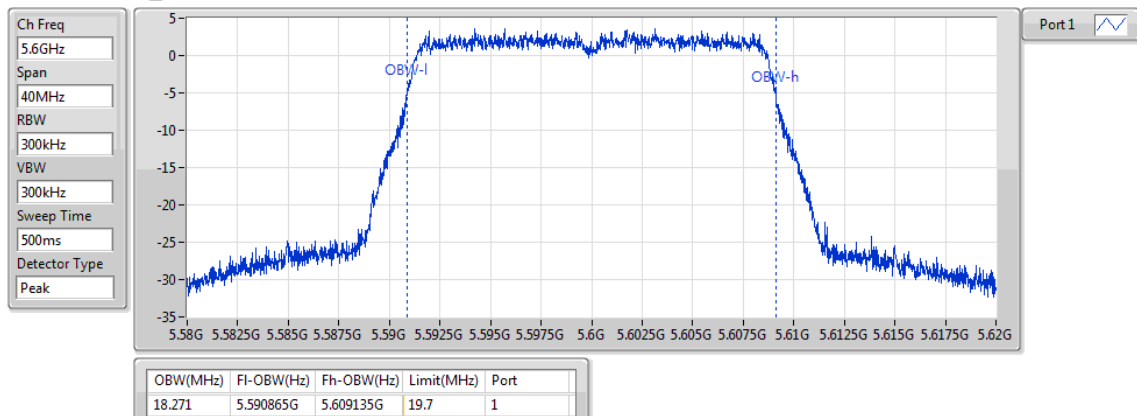
5600MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

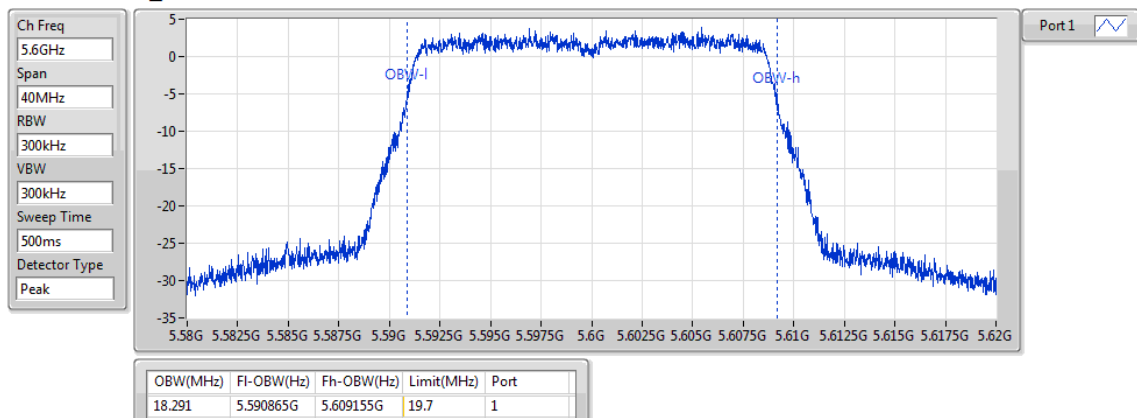
5600MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5600MHz_TnomVmax





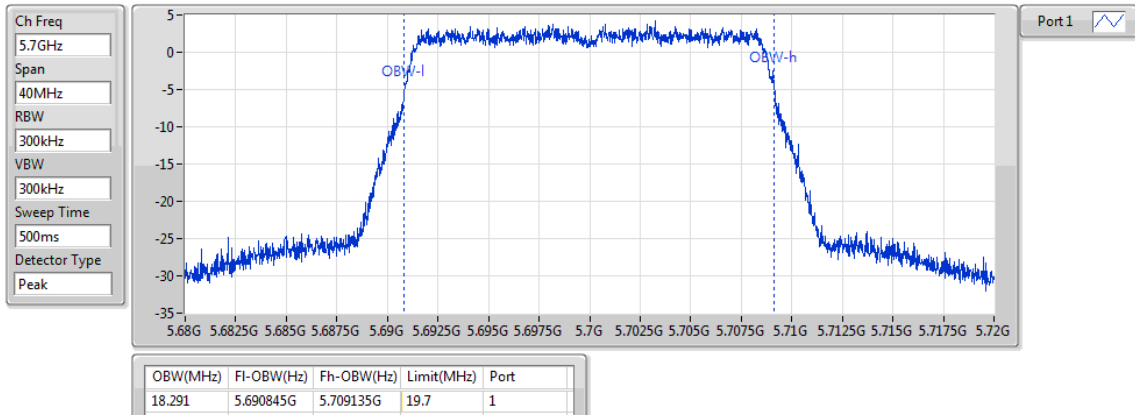
Occupied Bandwidth Result

Appendix C

802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

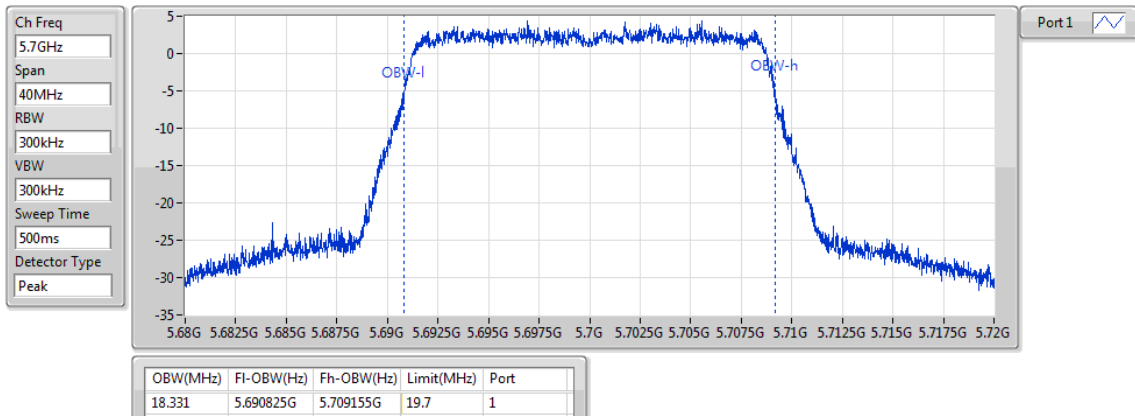
5700MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

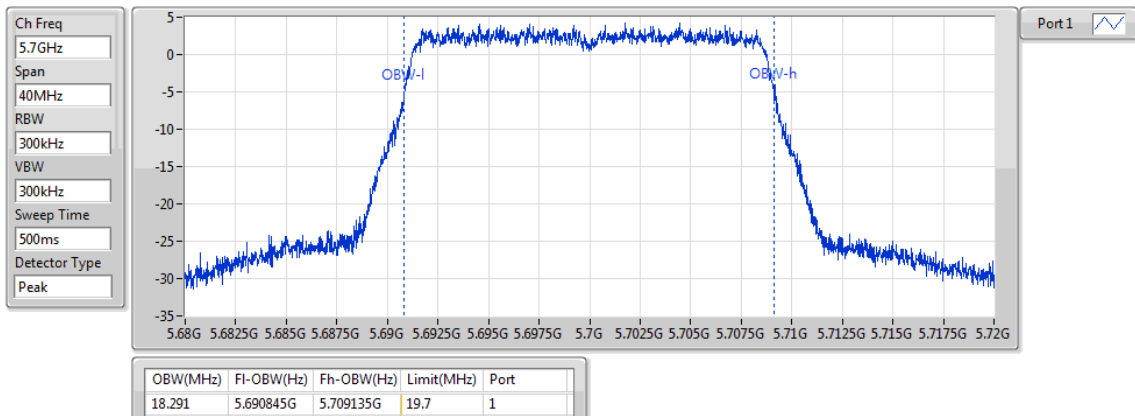
5700MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

OBW

5700MHz_TnomVmax





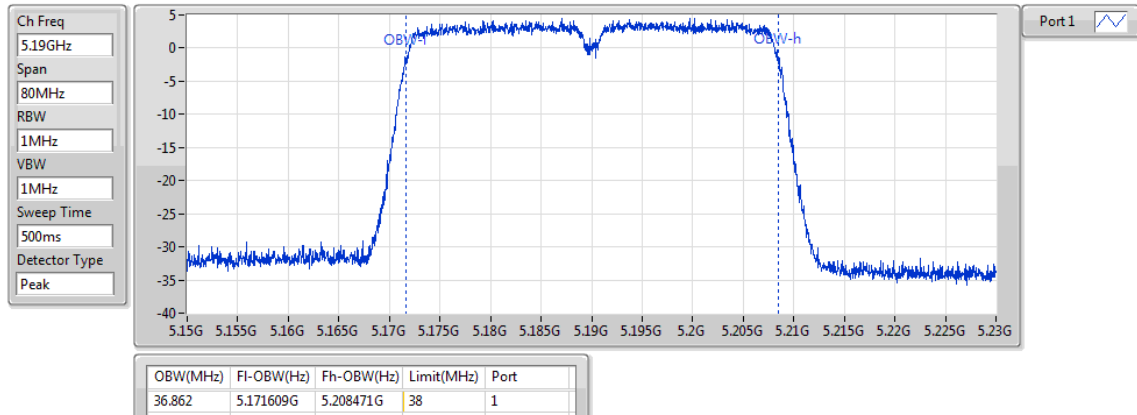
Occupied Bandwidth Result

Appendix C

802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

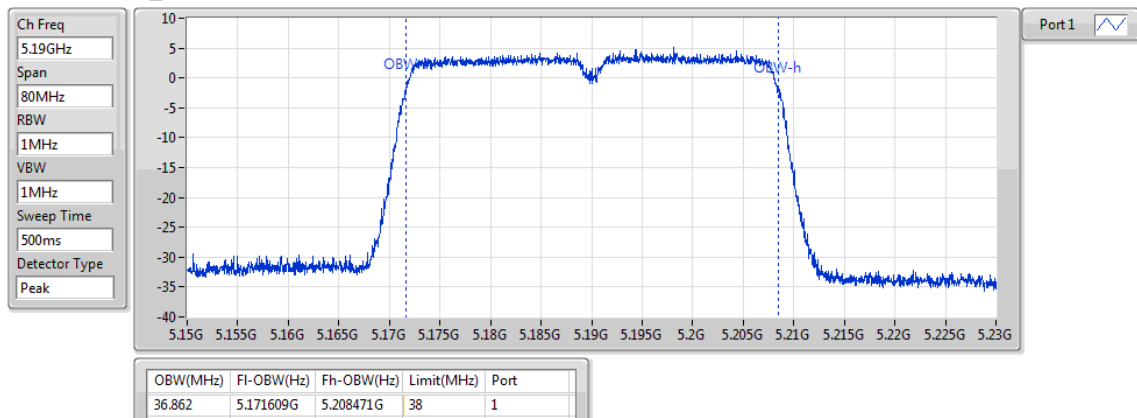
5190MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

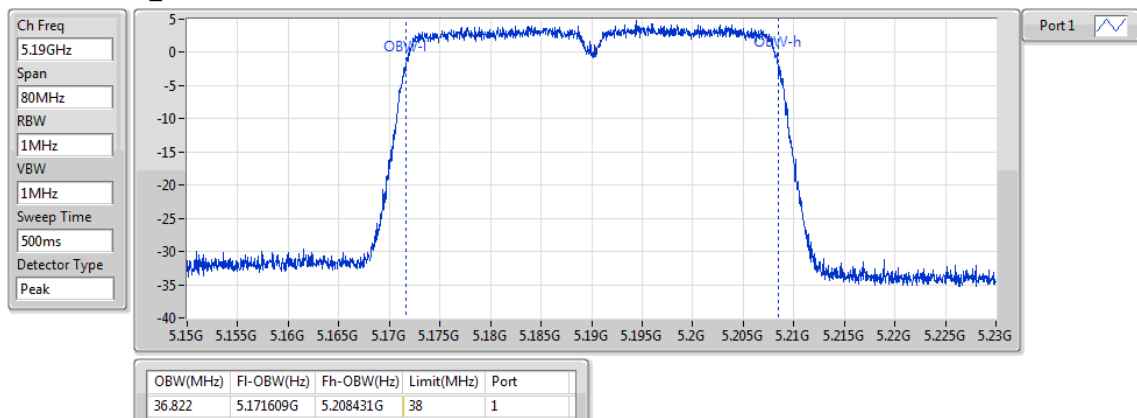
5190MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5190MHz_TnomVmax





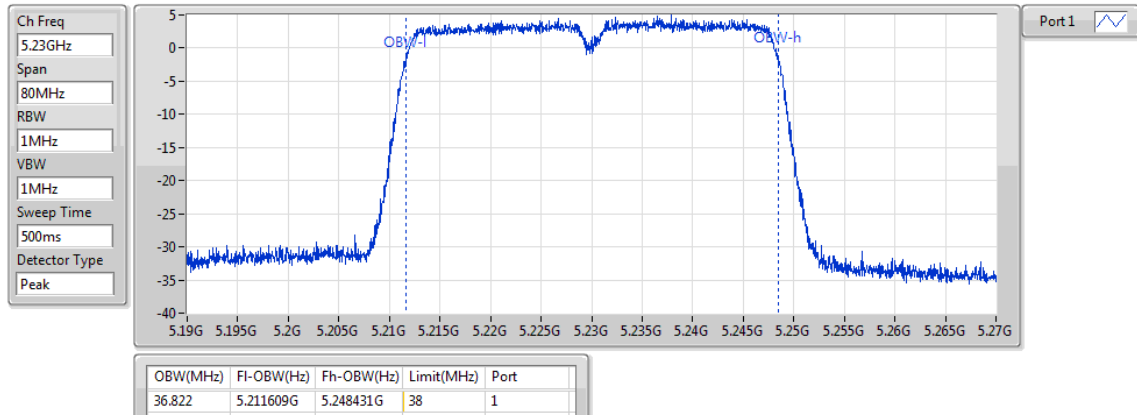
Occupied Bandwidth Result

Appendix C

802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

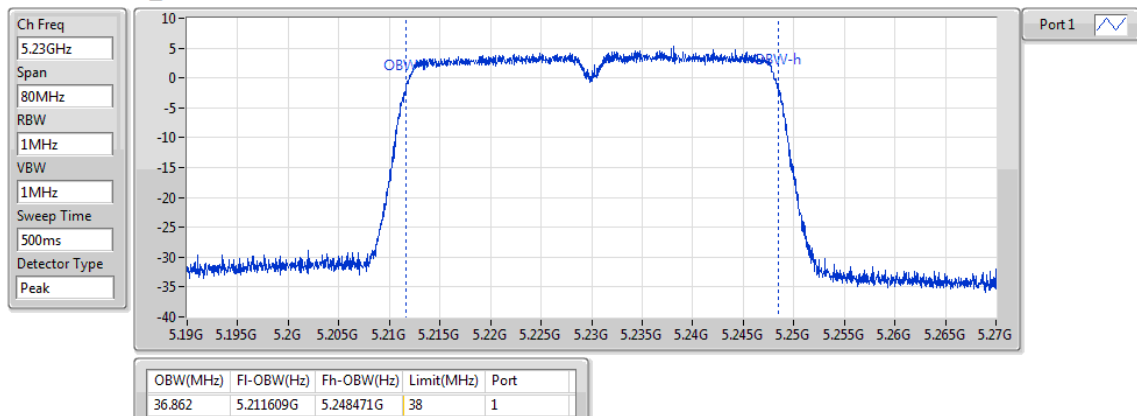
5230MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

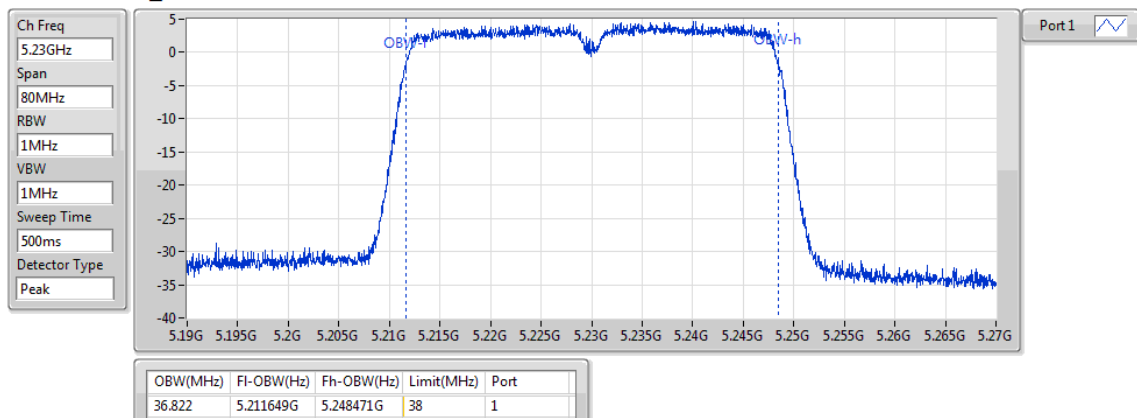
5230MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5230MHz_TnomVmax





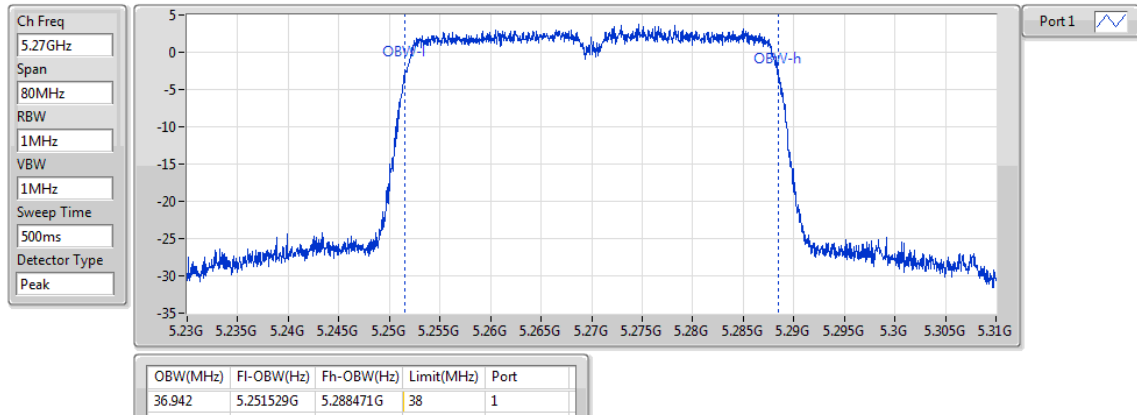
Occupied Bandwidth Result

Appendix C

802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

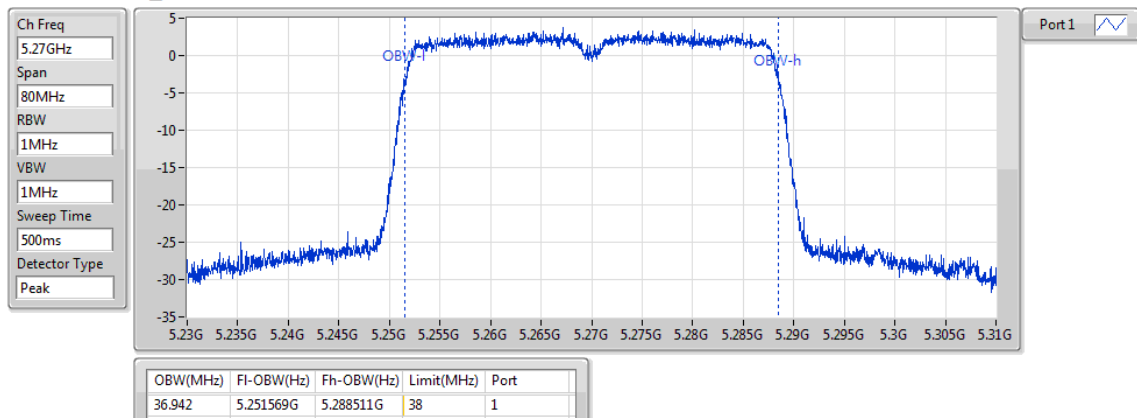
5270MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

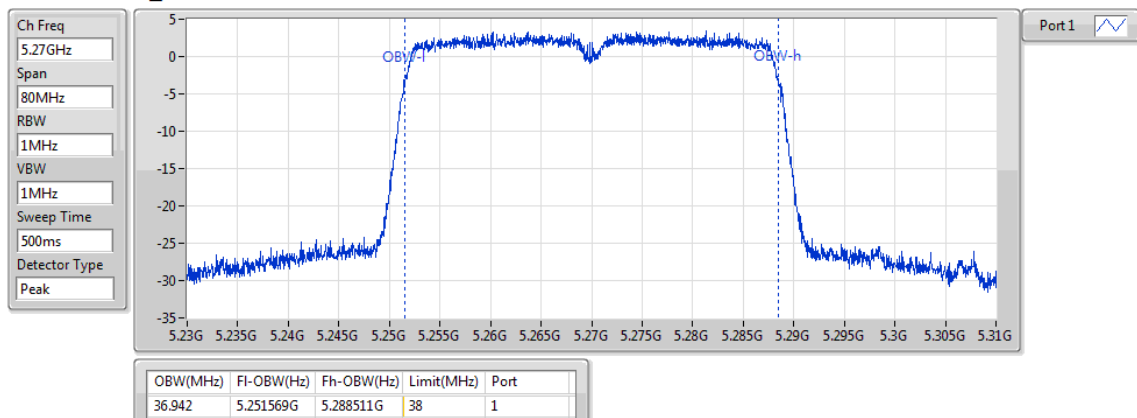
5270MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5270MHz_TnomVmax





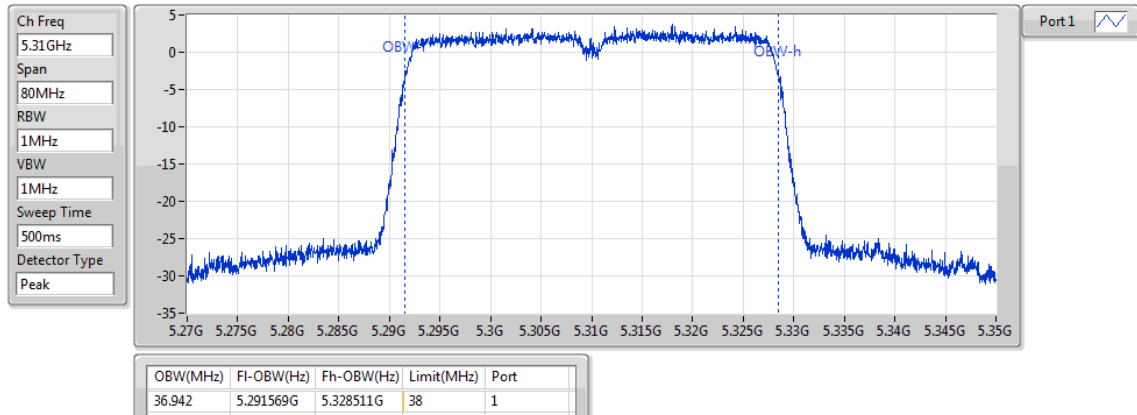
Occupied Bandwidth Result

Appendix C

802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

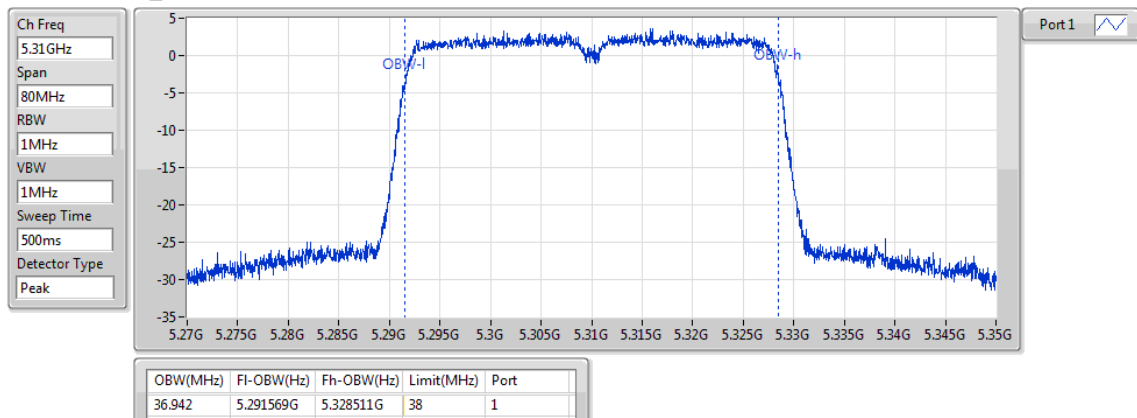
5310MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

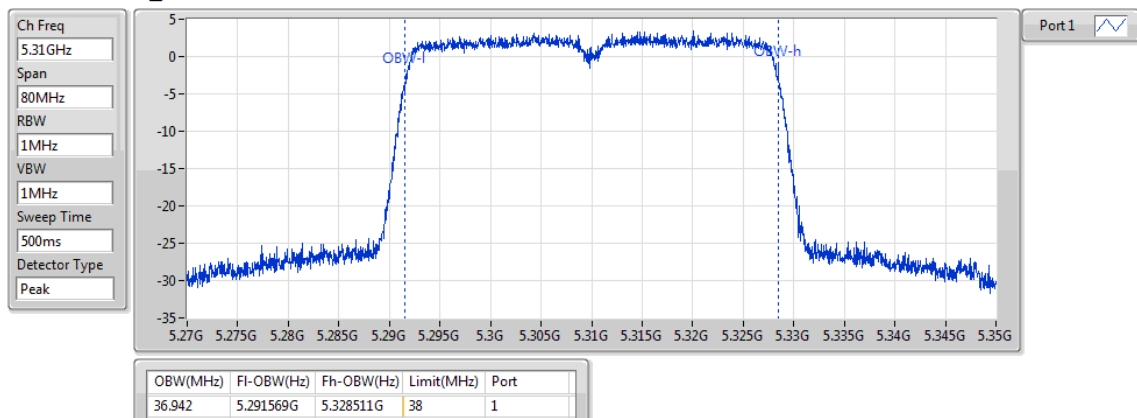
5310MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5310MHz_TnomVmax





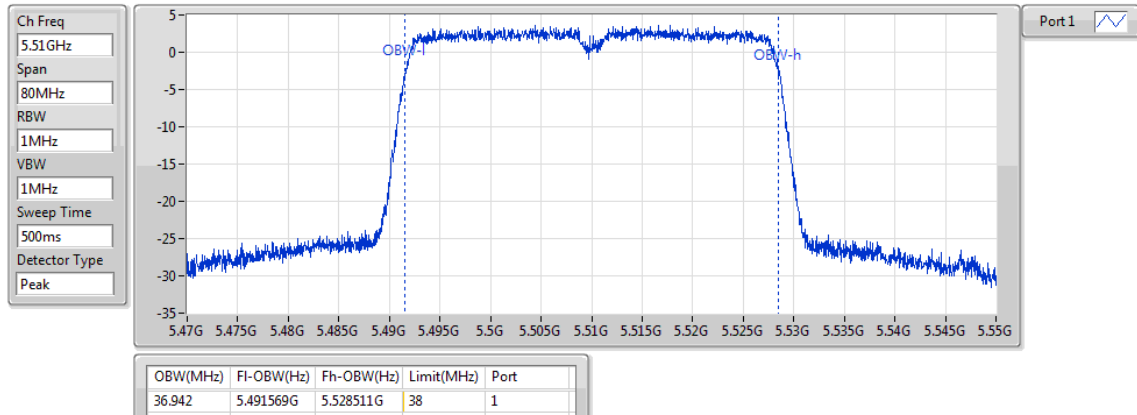
Occupied Bandwidth Result

Appendix C

802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

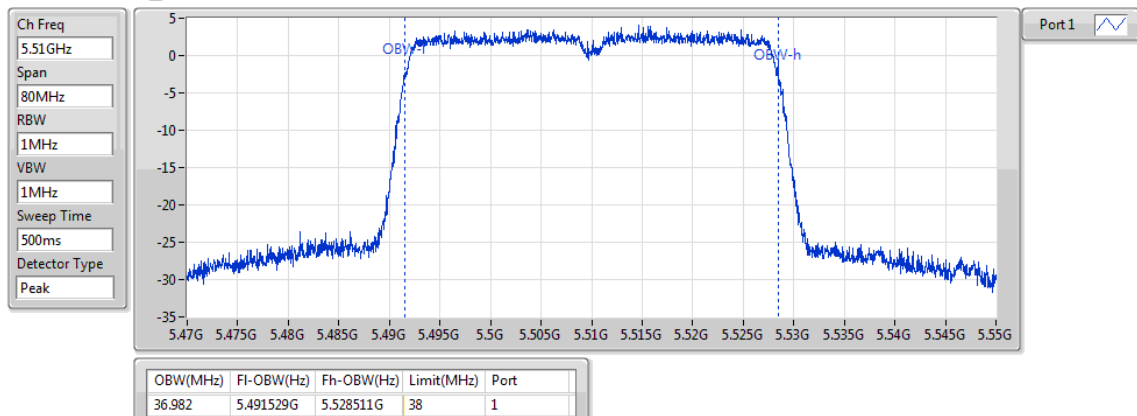
5510MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

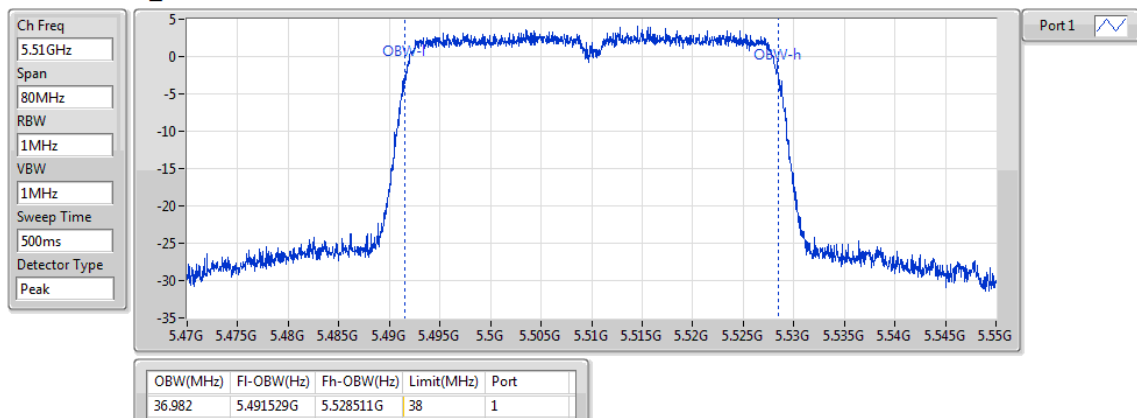
5510MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5510MHz_TnomVmax





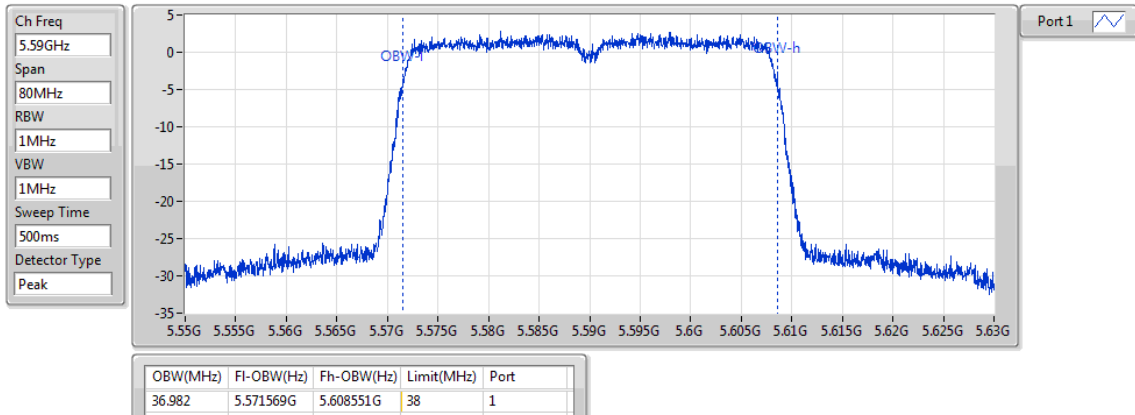
Occupied Bandwidth Result

Appendix C

802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

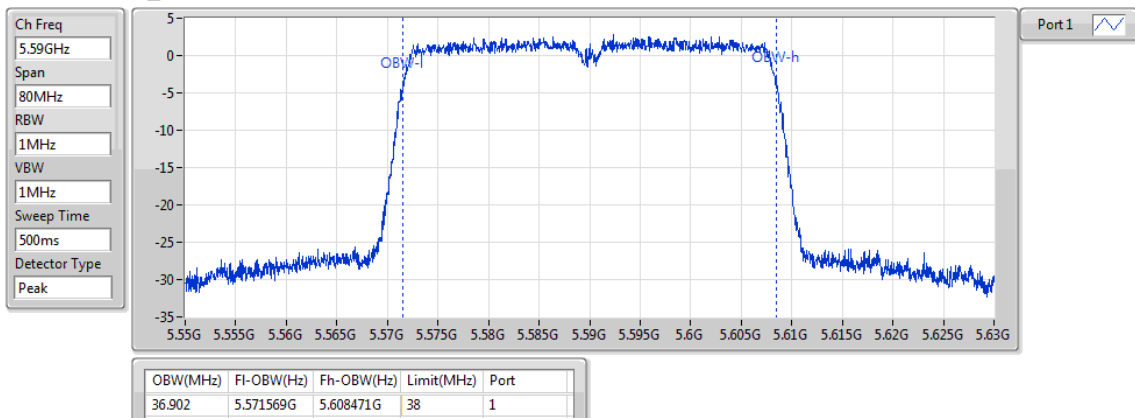
5590MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

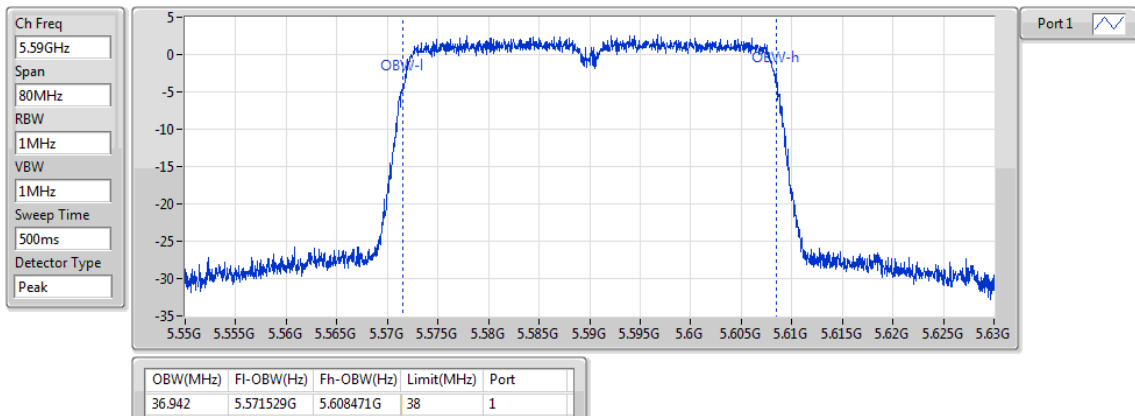
5590MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5590MHz_TnomVmax





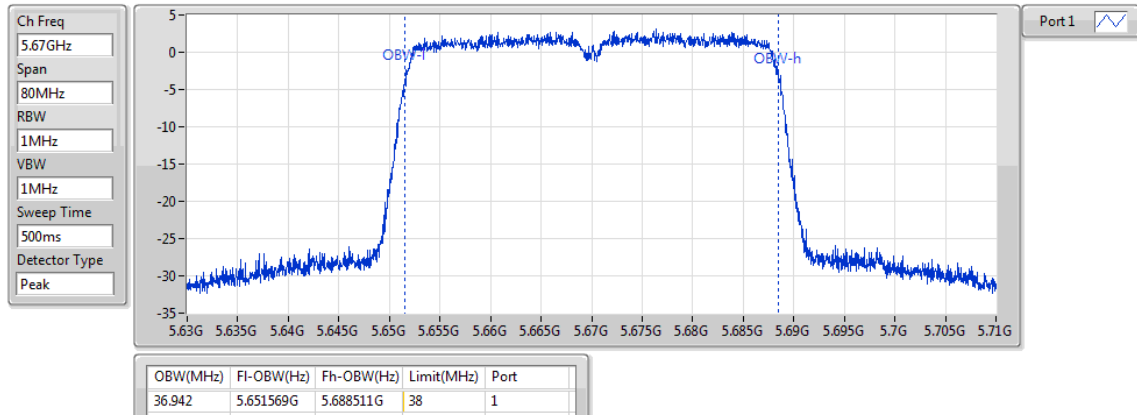
Occupied Bandwidth Result

Appendix C

802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

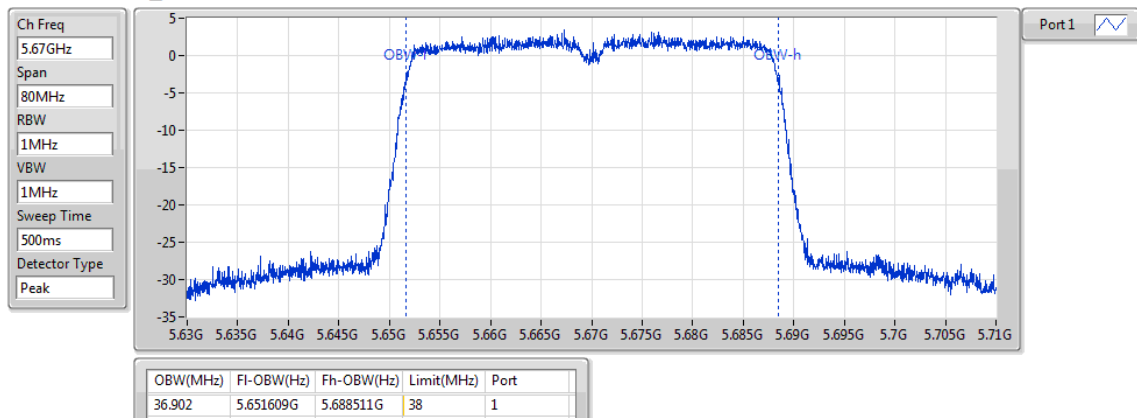
5670MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

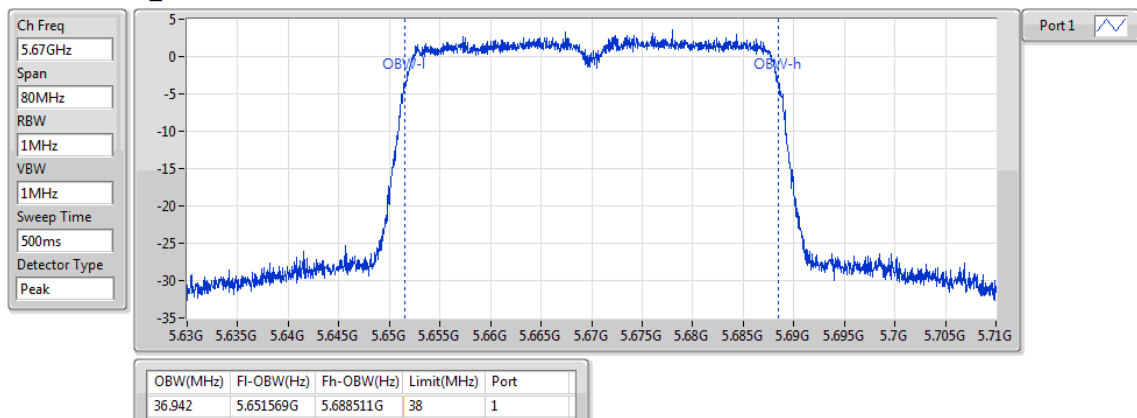
5670MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

OBW

5670MHz_TnomVmax





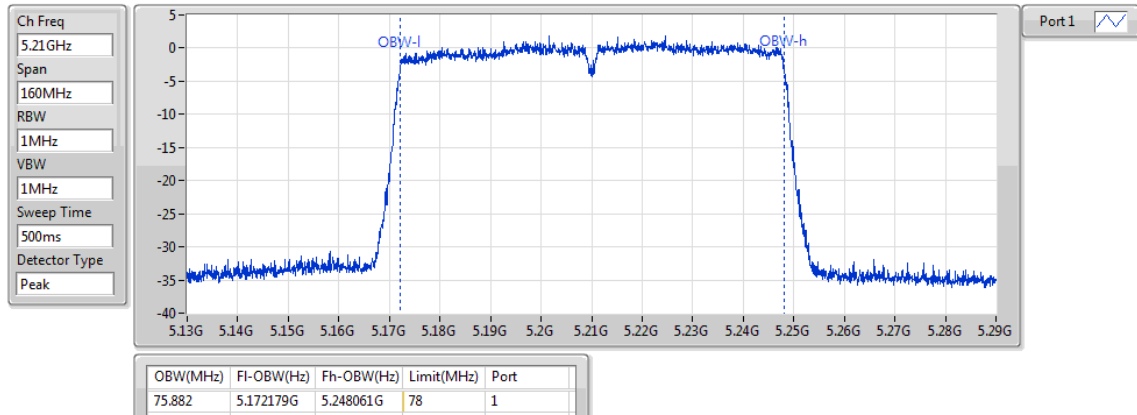
Occupied Bandwidth Result

Appendix C

802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

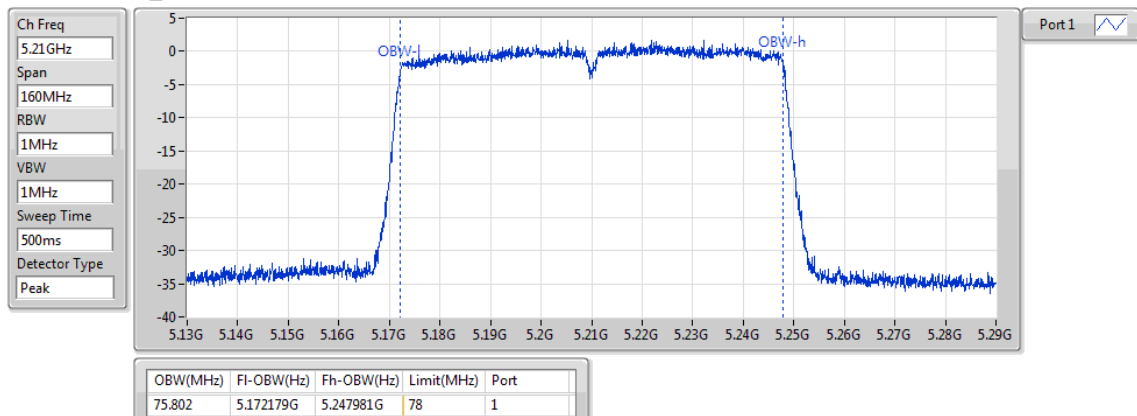
5210MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

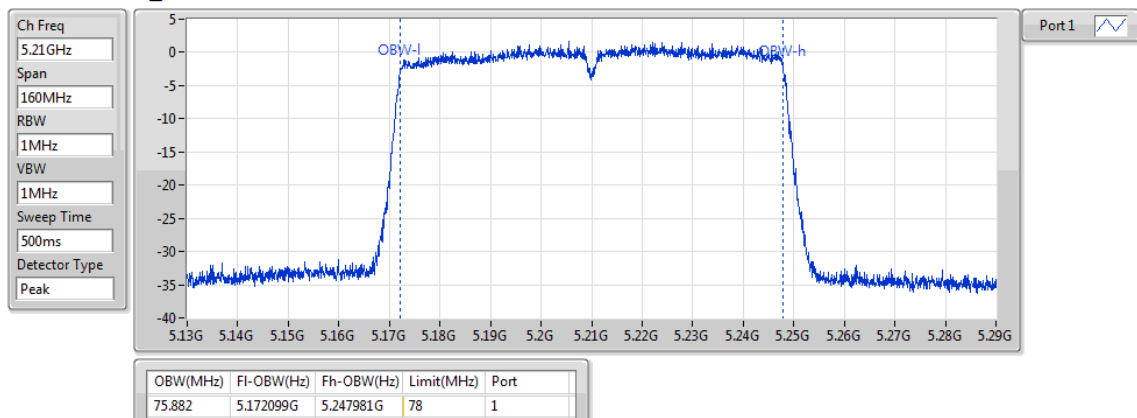
5210MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

5210MHz_TnomVmax





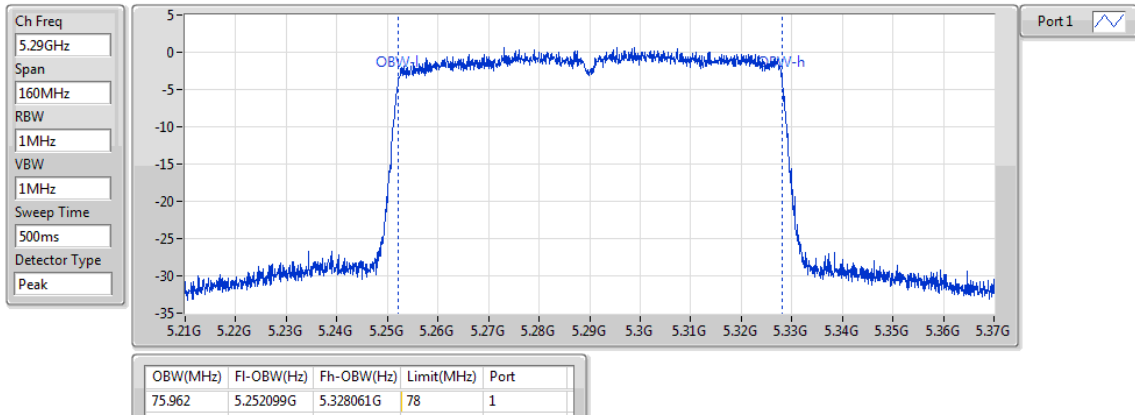
Occupied Bandwidth Result

Appendix C

802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

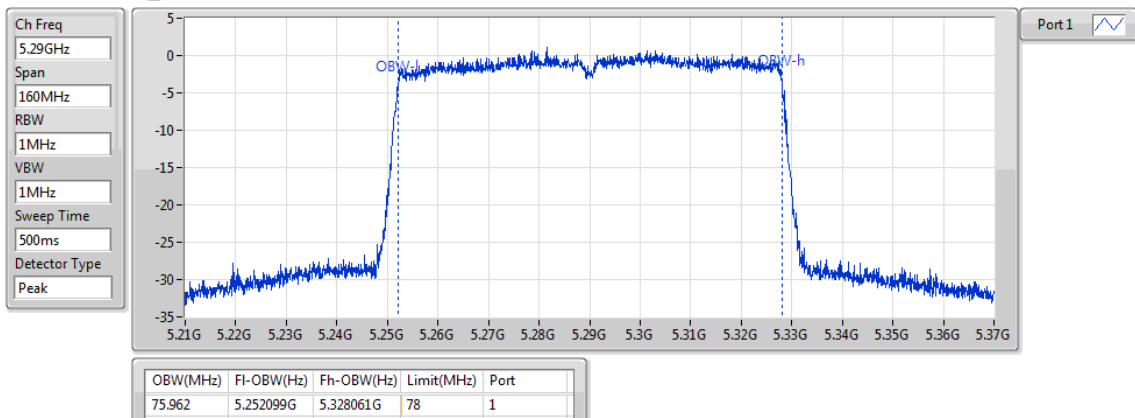
5290MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

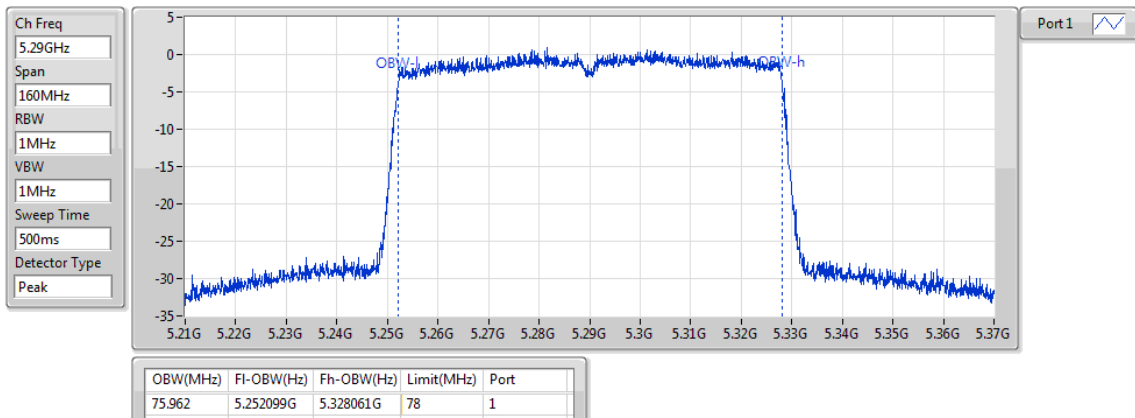
5290MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

5290MHz_TnomVmax





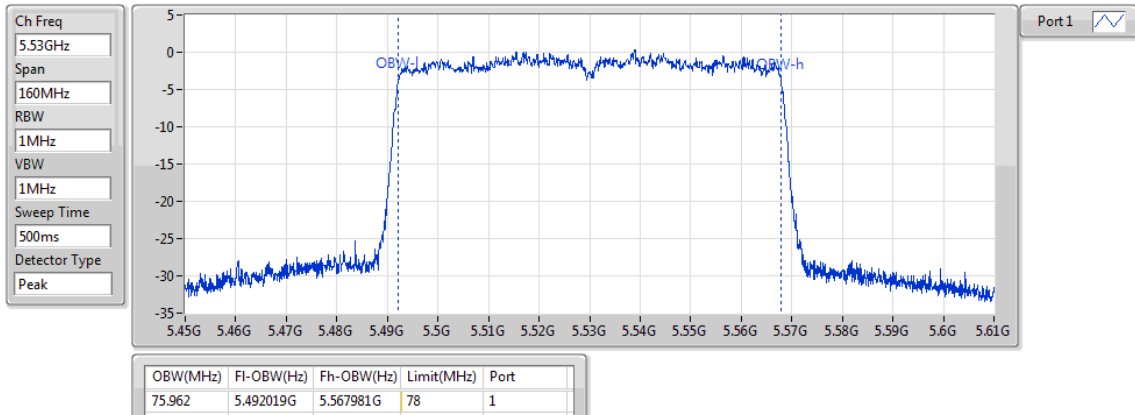
Occupied Bandwidth Result

Appendix C

802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

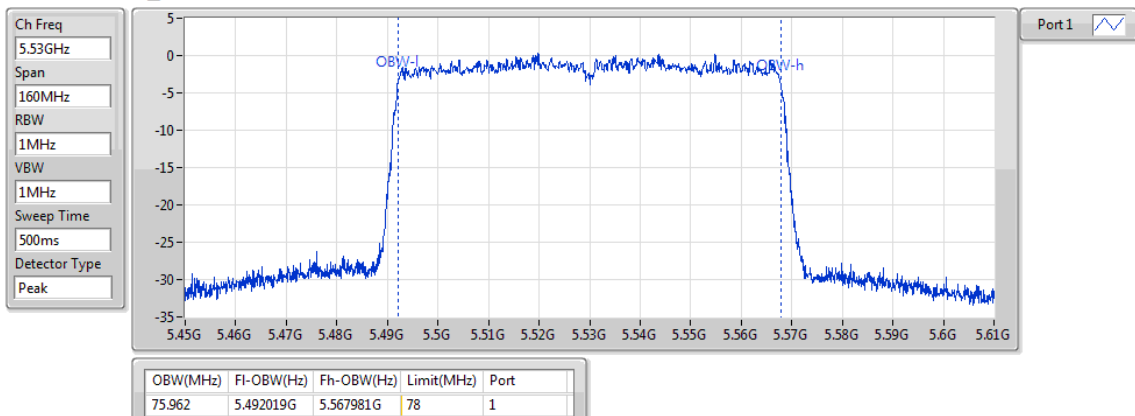
5530MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

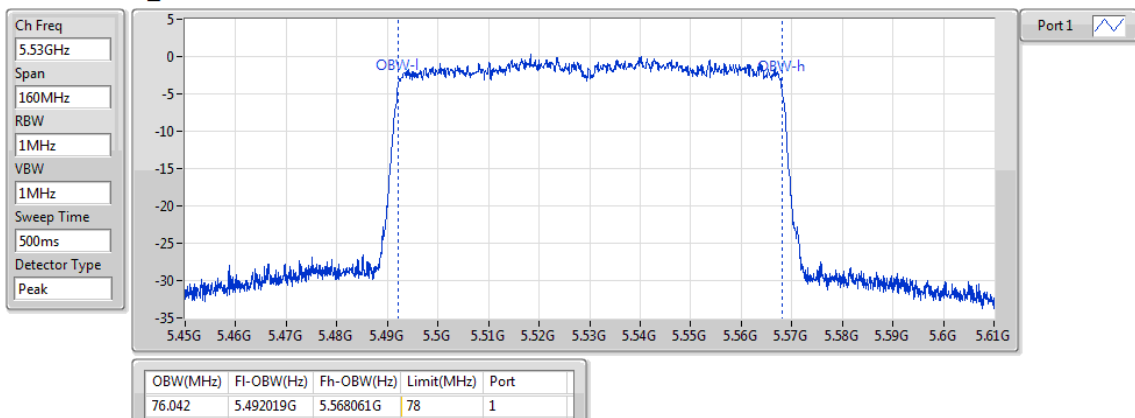
5530MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

5530MHz_TnomVmax





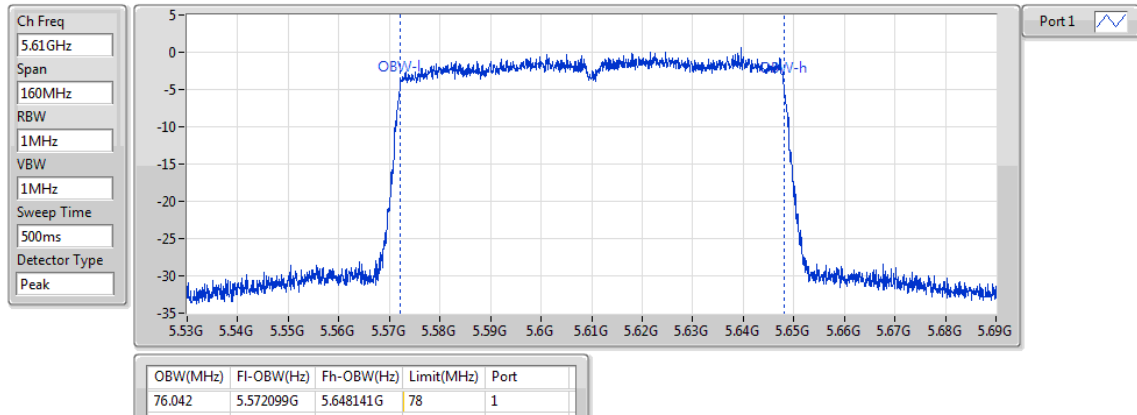
Occupied Bandwidth Result

Appendix C

802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

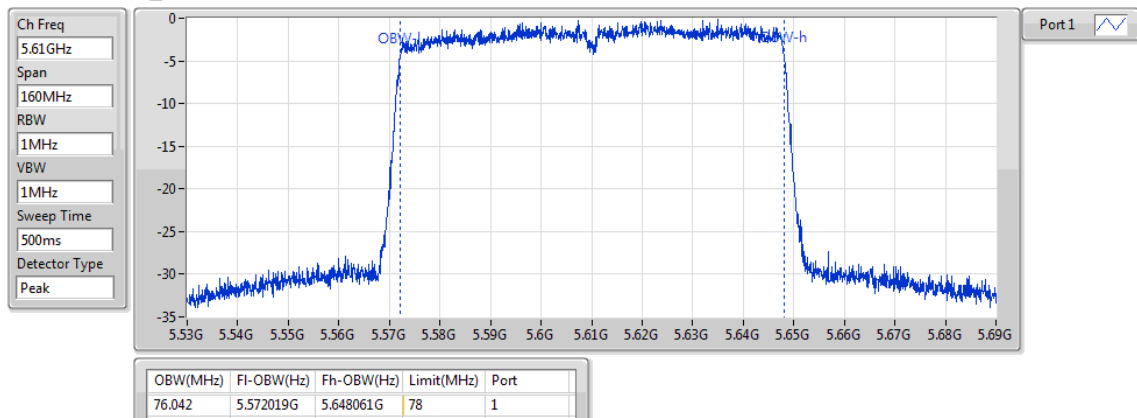
5610MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

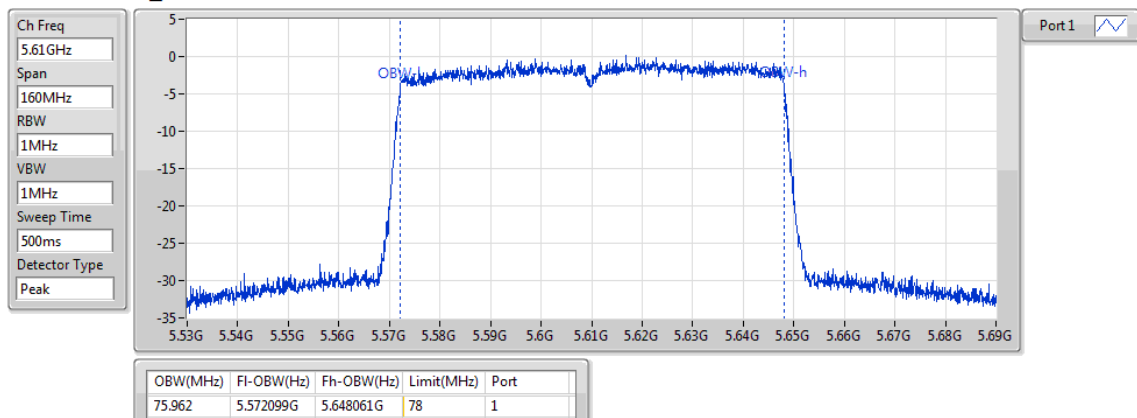
5610MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

OBW

5610MHz_TnomVmax





CSE-TX Unwanted Emission Strength Result

Appendix D

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.365G	26G	1M	25473.68	-31.64	0.68549	-26.02	2.5	-5.62	-31.64	0.68549
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.365G	26G	1M	25507.22	-31.51	0.70632	-26.02	2.5	-5.49	-31.51	0.70632
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.4G	26G	1M	25490.15	-31.53	0.70307	-26.02	2.5	-5.51	-31.53	0.70307
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.365G	26G	1M	25499.48	-31.44	0.71779	-26.02	2.5	-5.42	-31.44	0.71779
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.4G	26G	1M	25490.15	-31.57	0.69663	-26.02	2.5	-5.55	-31.57	0.69663
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.48G	26G	1M	25494.695	-31.42	0.72111	-26.02	2.5	-5.40	-31.42	0.72111
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.365G	26G	1M	25460.78	-31.49	0.70958	-26.02	2.5	-5.47	-31.49	0.70958
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.365G	26G	1M	25504.64	-31.61	0.69024	-26.02	2.5	-5.59	-31.61	0.69024
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.4G	26G	1M	25510.75	-31.38	0.72778	-26.02	2.5	-5.36	-31.38	0.72778
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.365G	26G	1M	25514.96	-31.64	0.68549	-26.02	2.5	-5.62	-31.64	0.68549
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.4G	26G	1M	25485	-31.39	0.72611	-26.02	2.5	-5.37	-31.39	0.72611
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.48G	26G	1M	25497.26	-31.61	0.69024	-26.02	2.5	-5.59	-31.61	0.69024
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.745G	26G	1M	25503.752	-31.49	0.70958	-26.02	2.5	-5.47	-31.49	0.70958
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.745G	26G	1M	25508.816	-31.76	0.66681	-26.02	2.5	-5.74	-31.76	0.66681
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.76G	26G	1M	25504.12	-31.50	0.70795	-26.02	2.5	-5.48	-31.50	0.70795
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.745G	26G	1M	25493.625	-31.62	0.68865	-26.02	2.5	-5.60	-31.62	0.68865
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.76G	26G	1M	25511.71	-31.56	0.69823	-26.02	2.5	-5.54	-31.56	0.69823
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.8G	26G	1M	25500.05	-31.73	0.67143	-26.02	2.5	-5.71	-31.73	0.67143



CSE-TX Unwanted Emission Strength Result

Appendix D

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	5.135G	1M	973.434	-43.71	0.04256	-26.02	2.5	-17.69	-43.71	0.04256
5180MHz_TnomVnom	Pass	5.365G	26G	1M	25512.38	-31.97	0.63533	-26.02	2.5	-5.95	-31.97	0.63533
5180MHz_TnomVmin	Pass	30M	5.135G	1M	972.156	-43.90	0.04074	-26.02	2.5	-17.88	-43.90	0.04074
5180MHz_TnomVmin	Pass	5.365G	26G	1M	25502.06	-31.83	0.65615	-26.02	2.5	-5.81	-31.83	0.65615
5180MHz_TnomVmax	Pass	30M	5.135G	1M	975.35	-44.00	0.03981	-26.02	2.5	-17.98	-44.00	0.03981
5180MHz_TnomVmax	Pass	5.365G	26G	1M	25473.68	-31.93	0.64121	-26.02	2.5	-5.91	-31.93	0.64121
5240MHz_TnomVnom	Pass	30M	5.135G	1M	1034.754	-43.44	0.04529	-26.02	2.5	-17.42	-43.44	0.04529
5240MHz_TnomVnom	Pass	5.365G	26G	1M	25460.78	-32.10	0.6166	-26.02	2.5	-6.08	-32.10	0.6166
5240MHz_TnomVmin	Pass	30M	5.135G	1M	1037.947	-43.67	0.04295	-26.02	2.5	-17.65	-43.67	0.04295
5240MHz_TnomVmin	Pass	5.365G	26G	1M	25548.5	-32.03	0.62661	-26.02	2.5	-6.01	-32.03	0.62661
5240MHz_TnomVmax	Pass	30M	5.135G	1M	1034.754	-43.89	0.04083	-26.02	2.5	-17.87	-43.89	0.04083
5240MHz_TnomVmax	Pass	5.365G	26G	1M	25473.68	-31.64	0.68549	-26.02	2.5	-5.62	-31.64	0.68549
5260MHz_TnomVnom	Pass	30M	5.135G	1M	1055.194	-44.43	0.03606	-26.02	2.5	-18.41	-44.43	0.03606
5260MHz_TnomVnom	Pass	5.365G	26G	1M	25530.44	-31.84	0.65464	-26.02	2.5	-5.82	-31.84	0.65464
5260MHz_TnomVmin	Pass	30M	5.135G	1M	1055.832	-43.69	0.04276	-26.02	2.5	-17.67	-43.69	0.04276
5260MHz_TnomVmin	Pass	5.365G	26G	1M	25491.74	-31.79	0.66222	-26.02	2.5	-5.77	-31.79	0.66222
5260MHz_TnomVmax	Pass	30M	5.135G	1M	1055.832	-43.97	0.04009	-26.02	2.5	-17.95	-43.97	0.04009
5260MHz_TnomVmax	Pass	5.365G	26G	1M	25607.84	-31.86	0.65163	-26.02	2.5	-5.84	-31.86	0.65163
5320MHz_TnomVnom	Pass	30M	5.135G	1M	1114.598	-45.09	0.03097	-26.02	2.5	-19.07	-45.09	0.03097
5320MHz_TnomVnom	Pass	5.365G	26G	1M	25460.78	-31.49	0.70958	-26.02	2.5	-5.47	-31.49	0.70958
5320MHz_TnomVmin	Pass	30M	5.135G	1M	1114.598	-45.15	0.03055	-26.02	2.5	-19.13	-45.15	0.03055
5320MHz_TnomVmin	Pass	5.365G	26G	1M	25517.54	-31.84	0.65464	-26.02	2.5	-5.82	-31.84	0.65464
5320MHz_TnomVmax	Pass	30M	5.135G	1M	1115.236	-45.40	0.02884	-26.02	2.5	-19.38	-45.40	0.02884
5320MHz_TnomVmax	Pass	5.365G	26G	1M	25499.48	-31.68	0.6792	-26.02	2.5	-5.66	-31.68	0.6792
5500MHz_TnomVnom	Pass	30M	5.455G	1M	5455	-43.56	0.04406	-26.02	2.5	-17.54	-43.56	0.04406
5500MHz_TnomVnom	Pass	5.745G	26G	1M	25453.115	-31.58	0.69502	-26.02	2.5	-5.56	-31.58	0.69502
5500MHz_TnomVmin	Pass	30M	5.455G	1M	5454.322	-43.73	0.04236	-26.02	2.5	-17.71	-43.73	0.04236
5500MHz_TnomVmin	Pass	5.745G	26G	1M	25503.752	-31.49	0.70958	-26.02	2.5	-5.47	-31.49	0.70958
5500MHz_TnomVmax	Pass	30M	5.455G	1M	5453.644	-43.81	0.04159	-26.02	2.5	-17.79	-43.81	0.04159
5500MHz_TnomVmax	Pass	5.745G	26G	1M	25524.007	-31.78	0.66374	-26.02	2.5	-5.76	-31.78	0.66374
5600MHz_TnomVnom	Pass	30M	5.455G	1M	1395.066	-45.48	0.02831	-26.02	2.5	-19.46	-45.48	0.02831
5600MHz_TnomVnom	Pass	5.745G	26G	1M	25518.944	-31.77	0.66527	-26.02	2.5	-5.75	-31.77	0.66527
5600MHz_TnomVmin	Pass	30M	5.455G	1M	1394.388	-45.81	0.02624	-26.02	2.5	-19.79	-45.81	0.02624
5600MHz_TnomVmin	Pass	5.745G	26G	1M	25503.752	-31.59	0.69343	-26.02	2.5	-5.57	-31.59	0.69343
5600MHz_TnomVmax	Pass	30M	5.455G	1M	1394.388	-45.92	0.02559	-26.02	2.5	-19.90	-45.92	0.02559
5600MHz_TnomVmax	Pass	5.745G	26G	1M	25501.221	-31.81	0.65917	-26.02	2.5	-5.79	-31.81	0.65917
5700MHz_TnomVnom	Pass	30M	5.455G	1M	1495.428	-45.62	0.02742	-26.02	2.5	-19.60	-45.62	0.02742
5700MHz_TnomVnom	Pass	5.745G	26G	1M	25521.476	-31.53	0.70307	-26.02	2.5	-5.51	-31.53	0.70307
5700MHz_TnomVmin	Pass	30M	5.455G	1M	1494.75	-45.44	0.02858	-26.02	2.5	-19.42	-45.44	0.02858
5700MHz_TnomVmin	Pass	5.745G	26G	1M	25491.093	-31.49	0.70958	-26.02	2.5	-5.47	-31.49	0.70958
5700MHz_TnomVmax	Pass	30M	5.455G	1M	1495.428	-45.53	0.02799	-26.02	2.5	-19.51	-45.53	0.02799
5700MHz_TnomVmax	Pass	5.745G	26G	1M	25493.625	-31.79	0.66222	-26.02	2.5	-5.77	-31.79	0.66222



CSE-TX Unwanted Emission Strength Result

Appendix D

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	5.135G	1M	5140	-46.13	0.02438	-26.02	2.5	-20.11	-46.13	0.02438
5180MHz_TnomVnom	Pass	5.365G	26G	1M	25517.54	-31.55	0.69984	-26.02	2.5	-5.53	-31.55	0.69984
5180MHz_TnomVmin	Pass	30M	5.135G	1M	974.711	-46.56	0.02208	-26.02	2.5	-20.54	-46.56	0.02208
5180MHz_TnomVmin	Pass	5.365G	26G	1M	25525.28	-32.00	0.63096	-26.02	2.5	-5.98	-32.00	0.63096
5180MHz_TnomVmax	Pass	30M	5.135G	1M	5136.806	-46.43	0.02275	-26.02	2.5	-20.41	-46.43	0.02275
5180MHz_TnomVmax	Pass	5.365G	26G	1M	25507.22	-31.51	0.70632	-26.02	2.5	-5.49	-31.51	0.70632
5240MHz_TnomVnom	Pass	30M	5.135G	1M	1034.754	-46.97	0.02009	-26.02	2.5	-20.95	-46.97	0.02009
5240MHz_TnomVnom	Pass	5.365G	26G	1M	25525.28	-31.68	0.6792	-26.02	2.5	-5.66	-31.68	0.6792
5240MHz_TnomVmin	Pass	30M	5.135G	1M	1034.754	-46.90	0.02042	-26.02	2.5	-20.88	-46.90	0.02042
5240MHz_TnomVmin	Pass	5.365G	26G	1M	25522.7	-31.71	0.67453	-26.02	2.5	-5.69	-31.71	0.67453
5240MHz_TnomVmax	Pass	30M	5.135G	1M	1034.754	-47.42	0.01811	-26.02	2.5	-21.40	-47.42	0.01811
5240MHz_TnomVmax	Pass	5.365G	26G	1M	25484	-31.52	0.70469	-26.02	2.5	-5.50	-31.52	0.70469
5260MHz_TnomVnom	Pass	30M	5.135G	1M	4777.19	-47.48	0.01786	-26.02	2.5	-21.46	-47.48	0.01786
5260MHz_TnomVnom	Pass	5.365G	26G	1M	25509.8	-31.70	0.67608	-26.02	2.5	-5.68	-31.70	0.67608
5260MHz_TnomVmin	Pass	30M	5.135G	1M	4737.587	-47.70	0.01698	-26.02	2.5	-21.68	-47.70	0.01698
5260MHz_TnomVmin	Pass	5.365G	26G	1M	25504.64	-31.61	0.69024	-26.02	2.5	-5.59	-31.61	0.69024
5260MHz_TnomVmax	Pass	30M	5.135G	1M	1055.832	-47.95	0.01603	-26.02	2.5	-21.93	-47.95	0.01603
5260MHz_TnomVmax	Pass	5.365G	26G	1M	25540.76	-31.62	0.68865	-26.02	2.5	-5.60	-31.62	0.68865
5320MHz_TnomVnom	Pass	30M	5.135G	1M	4773.358	-47.92	0.01614	-26.02	2.5	-21.90	-47.92	0.01614
5320MHz_TnomVnom	Pass	5.365G	26G	1M	25535.6	-31.86	0.65163	-26.02	2.5	-5.84	-31.86	0.65163
5320MHz_TnomVmin	Pass	30M	5.135G	1M	4786.132	-47.74	0.01683	-26.02	2.5	-21.72	-47.74	0.01683
5320MHz_TnomVmin	Pass	5.365G	26G	1M	25569.14	-32.01	0.62951	-26.02	2.5	-5.99	-32.01	0.62951
5320MHz_TnomVmax	Pass	30M	5.135G	1M	4752.279	-47.68	0.01706	-26.02	2.5	-21.66	-47.68	0.01706
5320MHz_TnomVmax	Pass	5.365G	26G	1M	25514.96	-31.88	0.64863	-26.02	2.5	-5.86	-31.88	0.64863
5500MHz_TnomVnom	Pass	30M	5.455G	1M	5455	-45.78	0.02642	-26.02	2.5	-19.76	-45.78	0.02642
5500MHz_TnomVnom	Pass	5.745G	26G	1M	25483.498	-31.80	0.66069	-26.02	2.5	-5.78	-31.80	0.66069
5500MHz_TnomVmin	Pass	30M	5.455G	1M	5454.322	-45.46	0.02844	-26.02	2.5	-19.44	-45.46	0.02844
5500MHz_TnomVmin	Pass	5.745G	26G	1M	25508.816	-31.76	0.66681	-26.02	2.5	-5.74	-31.76	0.66681
5500MHz_TnomVmax	Pass	30M	5.455G	1M	5454.322	-45.55	0.02786	-26.02	2.5	-19.53	-45.55	0.02786
5500MHz_TnomVmax	Pass	5.745G	26G	1M	25524.007	-31.98	0.63387	-26.02	2.5	-5.96	-31.98	0.63387
5600MHz_TnomVnom	Pass	30M	5.455G	1M	5367.522	-46.63	0.02173	-26.02	2.5	-20.61	-46.63	0.02173
5600MHz_TnomVnom	Pass	5.745G	26G	1M	25463.243	-31.76	0.66681	-26.02	2.5	-5.74	-31.76	0.66681
5600MHz_TnomVmin	Pass	30M	5.455G	1M	5336.328	-46.26	0.02366	-26.02	2.5	-20.24	-46.26	0.02366
5600MHz_TnomVmin	Pass	5.745G	26G	1M	25508.816	-31.83	0.65615	-26.02	2.5	-5.81	-31.83	0.65615
5600MHz_TnomVmax	Pass	30M	5.455G	1M	5366.844	-46.62	0.02178	-26.02	2.5	-20.60	-46.62	0.02178
5600MHz_TnomVmax	Pass	5.745G	26G	1M	25526.539	-31.90	0.64565	-26.02	2.5	-5.88	-31.90	0.64565
5700MHz_TnomVnom	Pass	30M	5.455G	1M	5358.706	-46.25	0.02371	-26.02	2.5	-20.23	-46.25	0.02371
5700MHz_TnomVnom	Pass	5.745G	26G	1M	25516.412	-31.89	0.64714	-26.02	2.5	-5.87	-31.89	0.64714
5700MHz_TnomVmin	Pass	30M	5.455G	1M	5349.212	-46.31	0.02339	-26.02	2.5	-20.29	-46.31	0.02339
5700MHz_TnomVmin	Pass	5.745G	26G	1M	25498.689	-31.86	0.65163	-26.02	2.5	-5.84	-31.86	0.65163
5700MHz_TnomVmax	Pass	30M	5.455G	1M	5370.234	-46.43	0.02275	-26.02	2.5	-20.41	-46.43	0.02275
5700MHz_TnomVmax	Pass	5.745G	26G	1M	25503.752	-31.96	0.6368	-26.02	2.5	-5.94	-31.96	0.6368
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-



CSE-TX Unwanted Emission Strength Result

Appendix D

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)
5190MHz_TnomVnom	Pass	30M	5.1G	1M	4805.94	-47.95	0.01603	-26.02	2.5	-21.93	-47.95	0.01603
5190MHz_TnomVnom	Pass	5.4G	26G	1M	25490.15	-32.06	0.6223	-26.02	2.5	-6.04	-32.06	0.6223
5190MHz_TnomVmin	Pass	30M	5.1G	1M	4784.392	-47.79	0.01663	-26.02	2.5	-21.77	-47.79	0.01663
5190MHz_TnomVmin	Pass	5.4G	26G	1M	25577.7	-31.73	0.67143	-26.02	2.5	-5.71	-31.73	0.67143
5190MHz_TnomVmax	Pass	30M	5.1G	1M	4760.944	-47.76	0.01675	-26.02	2.5	-21.74	-47.76	0.01675
5190MHz_TnomVmax	Pass	5.4G	26G	1M	25503.025	-31.61	0.69024	-26.02	2.5	-5.59	-31.61	0.69024
5230MHz_TnomVnom	Pass	30M	5.1G	1M	4794.533	-47.86	0.01637	-26.02	2.5	-21.84	-47.86	0.01637
5230MHz_TnomVnom	Pass	5.4G	26G	1M	25490.15	-31.53	0.70307	-26.02	2.5	-5.51	-31.53	0.70307
5230MHz_TnomVmin	Pass	30M	5.1G	1M	4748.903	-47.72	0.0169	-26.02	2.5	-21.70	-47.72	0.0169
5230MHz_TnomVmin	Pass	5.4G	26G	1M	25569.975	-31.80	0.66069	-26.02	2.5	-5.78	-31.80	0.66069
5230MHz_TnomVmax	Pass	30M	5.1G	1M	4797.068	-47.96	0.016	-26.02	2.5	-21.94	-47.96	0.016
5230MHz_TnomVmax	Pass	5.4G	26G	1M	25510.75	-31.76	0.66681	-26.02	2.5	-5.74	-31.76	0.66681
5270MHz_TnomVnom	Pass	30M	5.1G	1M	4165.852	-47.81	0.01656	-26.02	2.5	-21.79	-47.81	0.01656
5270MHz_TnomVnom	Pass	5.4G	26G	1M	25510.75	-31.38	0.72778	-26.02	2.5	-5.36	-31.38	0.72778
5270MHz_TnomVmin	Pass	30M	5.1G	1M	4729.256	-47.82	0.01652	-26.02	2.5	-21.80	-47.82	0.01652
5270MHz_TnomVmin	Pass	5.4G	26G	1M	25515.9	-31.87	0.65013	-26.02	2.5	-5.85	-31.87	0.65013
5270MHz_TnomVmax	Pass	30M	5.1G	1M	4753.339	-47.91	0.01618	-26.02	2.5	-21.89	-47.91	0.01618
5270MHz_TnomVmax	Pass	5.4G	26G	1M	25497.875	-31.67	0.68077	-26.02	2.5	-5.65	-31.67	0.68077
5310MHz_TnomVnom	Pass	30M	5.1G	1M	4788.195	-47.58	0.01746	-26.02	2.5	-21.56	-47.58	0.01746
5310MHz_TnomVnom	Pass	5.4G	26G	1M	25466.975	-31.68	0.6792	-26.02	2.5	-5.66	-31.68	0.6792
5310MHz_TnomVmin	Pass	30M	5.1G	1M	4732.425	-47.86	0.01637	-26.02	2.5	-21.84	-47.86	0.01637
5310MHz_TnomVmin	Pass	5.4G	26G	1M	25562.25	-31.50	0.70795	-26.02	2.5	-5.48	-31.50	0.70795
5310MHz_TnomVmax	Pass	30M	5.1G	1M	4786.927	-47.47	0.01791	-26.02	2.5	-21.45	-47.47	0.01791
5310MHz_TnomVmax	Pass	5.4G	26G	1M	25497.875	-31.64	0.68549	-26.02	2.5	-5.62	-31.64	0.68549
5510MHz_TnomVnom	Pass	30M	5.42G	1M	5333.76	-46.44	0.0227	-26.02	2.5	-20.42	-46.44	0.0227
5510MHz_TnomVnom	Pass	5.76G	26G	1M	25537.01	-32.03	0.62661	-26.02	2.5	-6.01	-32.03	0.62661
5510MHz_TnomVmin	Pass	30M	5.42G	1M	5374.185	-46.43	0.02275	-26.02	2.5	-20.41	-46.43	0.02275
5510MHz_TnomVmin	Pass	5.76G	26G	1M	25529.42	-31.82	0.65766	-26.02	2.5	-5.80	-31.82	0.65766
5510MHz_TnomVmax	Pass	30M	5.42G	1M	5341.845	-46.57	0.02203	-26.02	2.5	-20.55	-46.57	0.02203
5510MHz_TnomVmax	Pass	5.76G	26G	1M	25544.6	-31.87	0.65013	-26.02	2.5	-5.85	-31.87	0.65013
5590MHz_TnomVnom	Pass	30M	5.42G	1M	5358.689	-46.46	0.02259	-26.02	2.5	-20.44	-46.46	0.02259
5590MHz_TnomVnom	Pass	5.76G	26G	1M	25509.18	-31.78	0.66374	-26.02	2.5	-5.76	-31.78	0.66374
5590MHz_TnomVmin	Pass	30M	5.42G	1M	5351.951	-46.76	0.02109	-26.02	2.5	-20.74	-46.76	0.02109
5590MHz_TnomVmin	Pass	5.76G	26G	1M	25539.54	-31.67	0.68077	-26.02	2.5	-5.65	-31.67	0.68077
5590MHz_TnomVmax	Pass	30M	5.42G	1M	5339.15	-46.67	0.02153	-26.02	2.5	-20.65	-46.67	0.02153
5590MHz_TnomVmax	Pass	5.76G	26G	1M	25531.95	-31.80	0.66069	-26.02	2.5	-5.78	-31.80	0.66069
5670MHz_TnomVnom	Pass	30M	5.42G	1M	5353.299	-46.48	0.02249	-26.02	2.5	-20.46	-46.48	0.02249
5670MHz_TnomVnom	Pass	5.76G	26G	1M	25478.82	-31.69	0.67764	-26.02	2.5	-5.67	-31.69	0.67764
5670MHz_TnomVmin	Pass	30M	5.42G	1M	5371.49	-46.23	0.02382	-26.02	2.5	-20.21	-46.23	0.02382
5670MHz_TnomVmin	Pass	5.76G	26G	1M	25526.89	-31.91	0.64417	-26.02	2.5	-5.89	-31.91	0.64417
5670MHz_TnomVmax	Pass	30M	5.42G	1M	5373.511	-46.32	0.02333	-26.02	2.5	-20.30	-46.32	0.02333
5670MHz_TnomVmax	Pass	5.76G	26G	1M	25504.12	-31.50	0.70795	-26.02	2.5	-5.48	-31.50	0.70795
802.11ac VHT20_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	5.135G	1M	975.35	-46.52	0.02228	-26.02	2.5	-20.50	-46.52	0.02228



CSE-TX Unwanted Emission Strength Result

Appendix D

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)
5180MHz_TnomVnom	Pass	5.365G	26G	1M	25543.34	-31.70	0.67608	-26.02	2.5	-5.68	-31.70	0.67608
5180MHz_TnomVmin	Pass	30M	5.135G	1M	5140	-46.86	0.02061	-26.02	2.5	-20.84	-46.86	0.02061
5180MHz_TnomVmax	Pass	5.365G	26G	1M	25491.74	-31.69	0.67764	-26.02	2.5	-5.67	-31.69	0.67764
5180MHz_TnomVmax	Pass	30M	5.135G	1M	975.35	-46.52	0.02228	-26.02	2.5	-20.50	-46.52	0.02228
5180MHz_TnomVmax	Pass	5.365G	26G	1M	25465.94	-31.74	0.66988	-26.02	2.5	-5.72	-31.74	0.66988
5240MHz_TnomVnom	Pass	30M	5.135G	1M	1032.838	-47.28	0.01871	-26.02	2.5	-21.26	-47.28	0.01871
5240MHz_TnomVnom	Pass	5.365G	26G	1M	25507.22	-31.70	0.67608	-26.02	2.5	-5.68	-31.70	0.67608
5240MHz_TnomVmin	Pass	30M	5.135G	1M	1035.392	-47.24	0.01888	-26.02	2.5	-21.22	-47.24	0.01888
5240MHz_TnomVmin	Pass	5.365G	26G	1M	25533.02	-31.69	0.67764	-26.02	2.5	-5.67	-31.69	0.67764
5240MHz_TnomVmax	Pass	30M	5.135G	1M	1034.115	-47.41	0.01816	-26.02	2.5	-21.39	-47.41	0.01816
5240MHz_TnomVmax	Pass	5.365G	26G	1M	25499.48	-31.44	0.71779	-26.02	2.5	-5.42	-31.44	0.71779
5260MHz_TnomVnom	Pass	30M	5.135G	1M	4604.089	-47.84	0.01644	-26.02	2.5	-21.82	-47.84	0.01644
5260MHz_TnomVnom	Pass	5.365G	26G	1M	25502.06	-31.80	0.66069	-26.02	2.5	-5.78	-31.80	0.66069
5260MHz_TnomVmin	Pass	30M	5.135G	1M	1053.277	-47.85	0.01641	-26.02	2.5	-21.83	-47.85	0.01641
5260MHz_TnomVmin	Pass	5.365G	26G	1M	25514.96	-31.64	0.68549	-26.02	2.5	-5.62	-31.64	0.68549
5260MHz_TnomVmax	Pass	30M	5.135G	1M	1056.471	-47.06	0.01968	-26.02	2.5	-21.04	-47.06	0.01968
5260MHz_TnomVmax	Pass	5.365G	26G	1M	25525.28	-31.67	0.68077	-26.02	2.5	-5.65	-31.67	0.68077
5320MHz_TnomVnom	Pass	30M	5.135G	1M	4793.159	-47.73	0.01687	-26.02	2.5	-21.71	-47.73	0.01687
5320MHz_TnomVnom	Pass	5.365G	26G	1M	25551.08	-31.83	0.65615	-26.02	2.5	-5.81	-31.83	0.65615
5320MHz_TnomVmin	Pass	30M	5.135G	1M	4765.693	-47.69	0.01702	-26.02	2.5	-21.67	-47.69	0.01702
5320MHz_TnomVmin	Pass	5.365G	26G	1M	25489.16	-31.79	0.66222	-26.02	2.5	-5.77	-31.79	0.66222
5320MHz_TnomVmax	Pass	30M	5.135G	1M	4793.797	-47.80	0.0166	-26.02	2.5	-21.78	-47.80	0.0166
5320MHz_TnomVmax	Pass	5.365G	26G	1M	25571.72	-31.91	0.64417	-26.02	2.5	-5.89	-31.91	0.64417
5500MHz_TnomVnom	Pass	30M	5.455G	1M	5446.863	-45.76	0.02655	-26.02	2.5	-19.74	-45.76	0.02655
5500MHz_TnomVnom	Pass	5.745G	26G	1M	25483.498	-31.66	0.68234	-26.02	2.5	-5.64	-31.66	0.68234
5500MHz_TnomVmin	Pass	30M	5.455G	1M	5452.966	-45.70	0.02692	-26.02	2.5	-19.68	-45.70	0.02692
5500MHz_TnomVmin	Pass	5.745G	26G	1M	25506.284	-31.98	0.63387	-26.02	2.5	-5.96	-31.98	0.63387
5500MHz_TnomVmax	Pass	30M	5.455G	1M	5453.644	-45.67	0.0271	-26.02	2.5	-19.65	-45.67	0.0271
5500MHz_TnomVmax	Pass	5.745G	26G	1M	25498.689	-31.77	0.66527	-26.02	2.5	-5.75	-31.77	0.66527
5600MHz_TnomVnom	Pass	30M	5.455G	1M	5346.5	-46.57	0.02203	-26.02	2.5	-20.55	-46.57	0.02203
5600MHz_TnomVnom	Pass	5.745G	26G	1M	25488.561	-31.72	0.67298	-26.02	2.5	-5.70	-31.72	0.67298
5600MHz_TnomVmin	Pass	30M	5.455G	1M	5366.844	-46.32	0.02333	-26.02	2.5	-20.30	-46.32	0.02333
5600MHz_TnomVmin	Pass	5.745G	26G	1M	25480.966	-31.63	0.68707	-26.02	2.5	-5.61	-31.63	0.68707
5600MHz_TnomVmax	Pass	30M	5.455G	1M	5368.878	-46.42	0.0228	-26.02	2.5	-20.40	-46.42	0.0228
5600MHz_TnomVmax	Pass	5.745G	26G	1M	25488.561	-31.80	0.66069	-26.02	2.5	-5.78	-31.80	0.66069
5700MHz_TnomVnom	Pass	30M	5.455G	1M	5357.35	-46.48	0.02249	-26.02	2.5	-20.46	-46.48	0.02249
5700MHz_TnomVnom	Pass	5.745G	26G	1M	25475.902	-31.76	0.66681	-26.02	2.5	-5.74	-31.76	0.66681
5700MHz_TnomVmin	Pass	30M	5.455G	1M	5374.303	-46.68	0.02148	-26.02	2.5	-20.66	-46.68	0.02148
5700MHz_TnomVmin	Pass	5.745G	26G	1M	25498.689	-31.87	0.65013	-26.02	2.5	-5.85	-31.87	0.65013
5700MHz_TnomVmax	Pass	30M	5.455G	1M	5358.028	-46.49	0.02244	-26.02	2.5	-20.47	-46.49	0.02244
5700MHz_TnomVmax	Pass	5.745G	26G	1M	25493.625	-31.62	0.68865	-26.02	2.5	-5.60	-31.62	0.68865
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	30M	5.1G	1M	4744.466	-47.69	0.01702	-26.02	2.5	-21.67	-47.69	0.01702
5190MHz_TnomVnom	Pass	5.4G	26G	1M	25490.15	-31.57	0.69663	-26.02	2.5	-5.55	-31.57	0.69663



CSE-TX Unwanted Emission Strength Result

Appendix D

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)
5190MHz_TnomVmin	Pass	30M	5.1G	1M	4796.434	-47.64	0.01722	-26.02	2.5	-21.62	-47.64	0.01722
5190MHz_TnomVmin	Pass	5.4G	26G	1M	25508.175	-32.01	0.62951	-26.02	2.5	-5.99	-32.01	0.62951
5190MHz_TnomVmax	Pass	30M	5.1G	1M	4760.944	-47.63	0.01726	-26.02	2.5	-21.61	-47.63	0.01726
5190MHz_TnomVmax	Pass	5.4G	26G	1M	25482.425	-31.97	0.63533	-26.02	2.5	-5.95	-31.97	0.63533
5230MHz_TnomVnom	Pass	30M	5.1G	1M	4760.944	-47.90	0.01622	-26.02	2.5	-21.88	-47.90	0.01622
5230MHz_TnomVnom	Pass	5.4G	26G	1M	25500.45	-31.89	0.64714	-26.02	2.5	-5.87	-31.89	0.64714
5230MHz_TnomVmin	Pass	30M	5.1G	1M	4771.717	-47.66	0.01714	-26.02	2.5	-21.64	-47.66	0.01714
5230MHz_TnomVmin	Pass	5.4G	26G	1M	25503.025	-31.68	0.6792	-26.02	2.5	-5.66	-31.68	0.6792
5230MHz_TnomVmax	Pass	30M	5.1G	1M	4772.985	-47.89	0.01626	-26.02	2.5	-21.87	-47.89	0.01626
5230MHz_TnomVmax	Pass	5.4G	26G	1M	25549.375	-31.86	0.65163	-26.02	2.5	-5.84	-31.86	0.65163
5270MHz_TnomVnom	Pass	30M	5.1G	1M	4782.491	-47.87	0.01633	-26.02	2.5	-21.85	-47.87	0.01633
5270MHz_TnomVnom	Pass	5.4G	26G	1M	25528.775	-31.60	0.69183	-26.02	2.5	-5.58	-31.60	0.69183
5270MHz_TnomVmin	Pass	30M	5.1G	1M	5027.752	-47.87	0.01633	-26.02	2.5	-21.85	-47.87	0.01633
5270MHz_TnomVmin	Pass	5.4G	26G	1M	25485	-31.39	0.72611	-26.02	2.5	-5.37	-31.39	0.72611
5270MHz_TnomVmax	Pass	30M	5.1G	1M	4755.24	-47.53	0.01766	-26.02	2.5	-21.51	-47.53	0.01766
5270MHz_TnomVmax	Pass	5.4G	26G	1M	25510.75	-31.65	0.68391	-26.02	2.5	-5.63	-31.65	0.68391
5310MHz_TnomVnom	Pass	30M	5.1G	1M	4775.52	-47.94	0.01607	-26.02	2.5	-21.92	-47.94	0.01607
5310MHz_TnomVnom	Pass	5.4G	26G	1M	25490.15	-31.95	0.63826	-26.02	2.5	-5.93	-31.95	0.63826
5310MHz_TnomVmin	Pass	30M	5.1G	1M	4789.462	-47.80	0.0166	-26.02	2.5	-21.78	-47.80	0.0166
5310MHz_TnomVmin	Pass	5.4G	26G	1M	25492.725	-31.70	0.67608	-26.02	2.5	-5.68	-31.70	0.67608
5310MHz_TnomVmax	Pass	30M	5.1G	1M	4757.775	-47.76	0.01675	-26.02	2.5	-21.74	-47.76	0.01675
5310MHz_TnomVmax	Pass	5.4G	26G	1M	25490.15	-31.39	0.72611	-26.02	2.5	-5.37	-31.39	0.72611
5510MHz_TnomVnom	Pass	30M	5.42G	1M	5358.015	-45.97	0.02529	-26.02	2.5	-19.95	-45.97	0.02529
5510MHz_TnomVnom	Pass	5.76G	26G	1M	25552.19	-31.69	0.67764	-26.02	2.5	-5.67	-31.69	0.67764
5510MHz_TnomVmin	Pass	30M	5.42G	1M	5354.646	-46.43	0.02275	-26.02	2.5	-20.41	-46.43	0.02275
5510MHz_TnomVmin	Pass	5.76G	26G	1M	25519.3	-31.73	0.67143	-26.02	2.5	-5.71	-31.73	0.67143
5510MHz_TnomVmax	Pass	30M	5.42G	1M	5377.554	-46.68	0.02148	-26.02	2.5	-20.66	-46.68	0.02148
5510MHz_TnomVmax	Pass	5.76G	26G	1M	25514.24	-31.86	0.65163	-26.02	2.5	-5.84	-31.86	0.65163
5590MHz_TnomVnom	Pass	30M	5.42G	1M	5338.476	-46.47	0.02254	-26.02	2.5	-20.45	-46.47	0.02254
5590MHz_TnomVnom	Pass	5.76G	26G	1M	25511.71	-31.84	0.65464	-26.02	2.5	-5.82	-31.84	0.65464
5590MHz_TnomVmin	Pass	30M	5.42G	1M	5355.32	-46.71	0.02133	-26.02	2.5	-20.69	-46.71	0.02133
5590MHz_TnomVmin	Pass	5.76G	26G	1M	25511.71	-31.56	0.69823	-26.02	2.5	-5.54	-31.56	0.69823
5590MHz_TnomVmax	Pass	30M	5.42G	1M	5341.171	-46.47	0.02254	-26.02	2.5	-20.45	-46.47	0.02254
5590MHz_TnomVmax	Pass	5.76G	26G	1M	25534.48	-31.83	0.65615	-26.02	2.5	-5.81	-31.83	0.65615
5670MHz_TnomVnom	Pass	30M	5.42G	1M	5347.909	-46.77	0.02104	-26.02	2.5	-20.75	-46.77	0.02104
5670MHz_TnomVnom	Pass	5.76G	26G	1M	25504.12	-31.73	0.67143	-26.02	2.5	-5.71	-31.73	0.67143
5670MHz_TnomVmin	Pass	30M	5.42G	1M	5360.036	-46.52	0.02228	-26.02	2.5	-20.50	-46.52	0.02228
5670MHz_TnomVmin	Pass	5.76G	26G	1M	25514.24	-31.83	0.65615	-26.02	2.5	-5.81	-31.83	0.65615
5670MHz_TnomVmax	Pass	30M	5.42G	1M	5386.312	-46.54	0.02218	-26.02	2.5	-20.52	-46.54	0.02218
5670MHz_TnomVmax	Pass	5.76G	26G	1M	25499.06	-31.86	0.65163	-26.02	2.5	-5.84	-31.86	0.65163
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	30M	5.02G	1M	4804.182	-47.65	0.01718	-26.02	2.5	-21.63	-47.65	0.01718
5210MHz_TnomVnom	Pass	5.48G	26G	1M	25492.13	-31.48	0.71121	-26.02	2.5	-5.46	-31.48	0.71121
5210MHz_TnomVmin	Pass	30M	5.02G	1M	4622.671	-47.85	0.01641	-26.02	2.5	-21.83	-47.85	0.01641



CSE-TX Unwanted Emission Strength Result

Appendix D

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)	P1 (uW/MHz)
5210MHz_TnomVmin	Pass	5.48G	26G	1M	25551.125	-31.83	0.65615	-26.02	2.5	-5.81	-31.83	0.65615
5210MHz_TnomVmax	Pass	30M	5.02G	1M	4751.164	-47.86	0.01637	-26.02	2.5	-21.84	-47.86	0.01637
5210MHz_TnomVmax	Pass	5.48G	26G	1M	25494.695	-31.42	0.72111	-26.02	2.5	-5.40	-31.42	0.72111
5290MHz_TnomVnom	Pass	30M	5.02G	1M	4767.381	-47.61	0.01734	-26.02	2.5	-21.59	-47.61	0.01734
5290MHz_TnomVnom	Pass	5.48G	26G	1M	25497.26	-31.61	0.69024	-26.02	2.5	-5.59	-31.61	0.69024
5290MHz_TnomVmin	Pass	30M	5.02G	1M	4741.184	-47.93	0.01611	-26.02	2.5	-21.91	-47.93	0.01611
5290MHz_TnomVmin	Pass	5.48G	26G	1M	25533.17	-31.66	0.68234	-26.02	2.5	-5.64	-31.66	0.68234
5290MHz_TnomVmax	Pass	30M	5.02G	1M	4955.13	-47.69	0.01702	-26.02	2.5	-21.67	-47.69	0.01702
5290MHz_TnomVmax	Pass	5.48G	26G	1M	25512.65	-31.63	0.68707	-26.02	2.5	-5.61	-31.63	0.68707
5530MHz_TnomVnom	Pass	30M	5.34G	1M	5232.472	-46.72	0.02128	-26.02	2.5	-20.70	-46.72	0.02128
5530MHz_TnomVnom	Pass	5.8G	26G	1M	25537.925	-31.84	0.65464	-26.02	2.5	-5.82	-31.84	0.65464
5530MHz_TnomVmin	Pass	30M	5.34G	1M	5270.97	-46.73	0.02123	-26.02	2.5	-20.71	-46.73	0.02123
5530MHz_TnomVmin	Pass	5.8G	26G	1M	25500.05	-31.73	0.67143	-26.02	2.5	-5.71	-31.73	0.67143
5530MHz_TnomVmax	Pass	30M	5.34G	1M	5238.446	-46.48	0.02249	-26.02	2.5	-20.46	-46.48	0.02249
5530MHz_TnomVmax	Pass	5.8G	26G	1M	25474.8	-31.87	0.65013	-26.02	2.5	-5.85	-31.87	0.65013
5610MHz_TnomVnom	Pass	30M	5.34G	1M	5337.345	-46.85	0.02065	-26.02	2.5	-20.83	-46.85	0.02065
5610MHz_TnomVnom	Pass	5.8G	26G	1M	25500.05	-31.77	0.66527	-26.02	2.5	-5.75	-31.77	0.66527
5610MHz_TnomVmin	Pass	30M	5.34G	1M	5227.826	-46.79	0.02094	-26.02	2.5	-20.77	-46.79	0.02094
5610MHz_TnomVmin	Pass	5.8G	26G	1M	25542.975	-31.88	0.64863	-26.02	2.5	-5.86	-31.88	0.64863
5610MHz_TnomVmax	Pass	30M	5.34G	1M	5243.092	-46.94	0.02023	-26.02	2.5	-20.92	-46.94	0.02023
5610MHz_TnomVmax	Pass	5.8G	26G	1M	25505.1	-31.80	0.66069	-26.02	2.5	-5.78	-31.80	0.66069



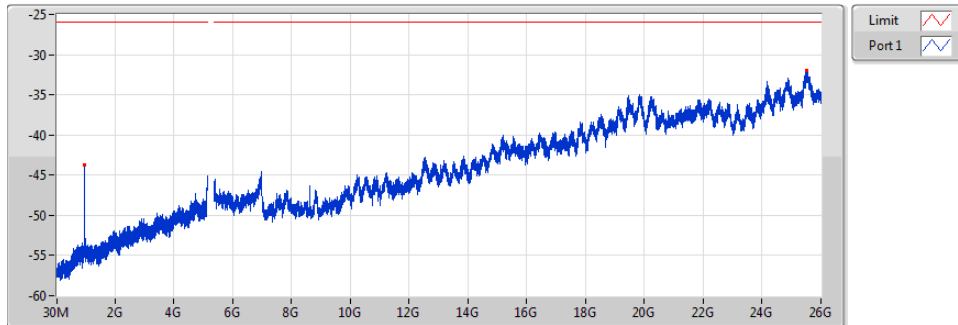
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a_Nss1_1TX

CSE-TX

5180MHz_TnomVnom

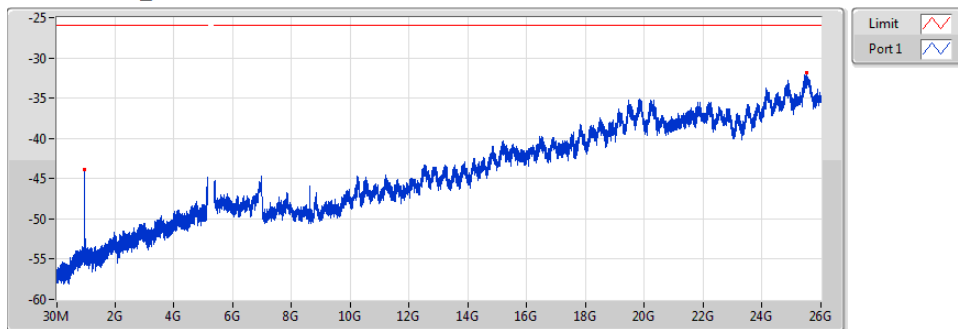


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
973.434	-43.71	-26.02	-17.69	-43.71
25512.38	-31.97	-26.02	-5.95	-31.97

802.11a_Nss1_1TX

CSE-TX

5180MHz_TnomVmin

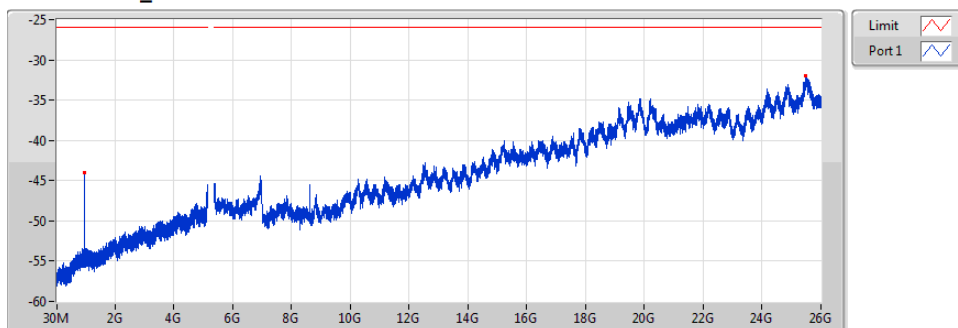


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
972.156	-43.90	-26.02	-17.88	-43.90
25502.06	-31.83	-26.02	-5.81	-31.83

802.11a_Nss1_1TX

CSE-TX

5180MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
975.35	-44.00	-26.02	-17.98	-44.00
25473.68	-31.93	-26.02	-5.91	-31.93



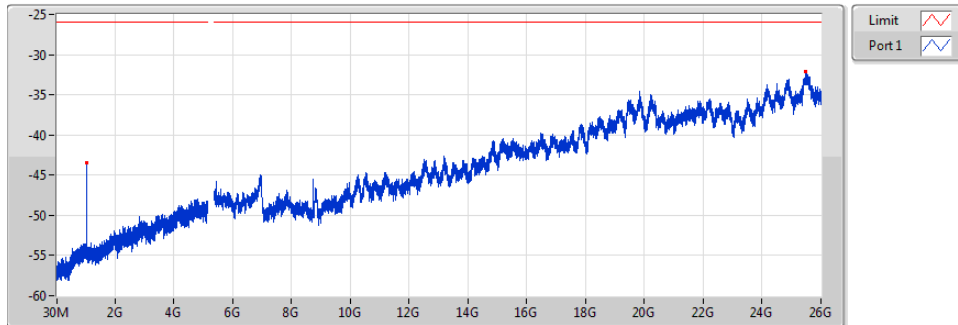
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a_Nss1_1TX

CSE-TX

5240MHz_TnomVnom

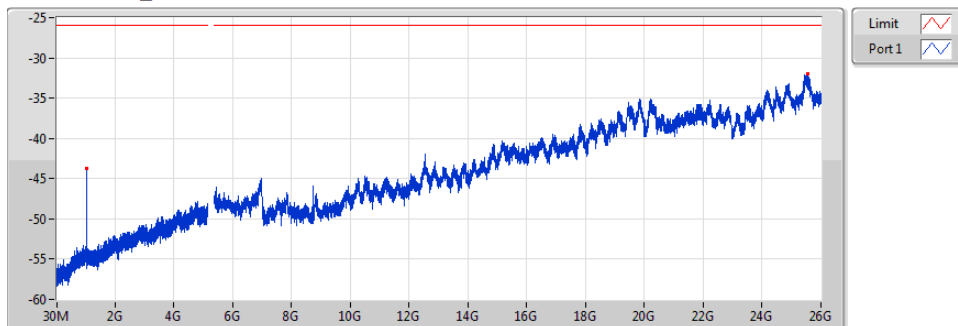


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1034.754	-43.44	-26.02	-17.42	-43.44
25460.78	-32.10	-26.02	-6.08	-32.10

802.11a_Nss1_1TX

CSE-TX

5240MHz_TnomVmin

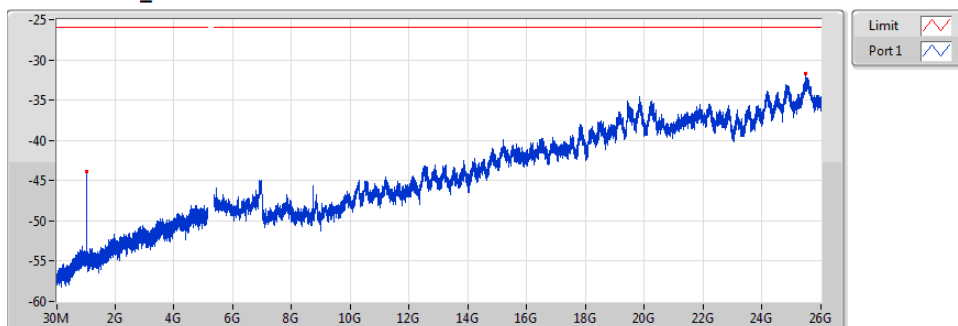


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1037.947	-43.67	-26.02	-17.65	-43.67
25548.5	-32.03	-26.02	-6.01	-32.03

802.11a_Nss1_1TX

CSE-TX

5240MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1034.754	-43.89	-26.02	-17.87	-43.89
25473.68	-31.64	-26.02	-5.62	-31.64



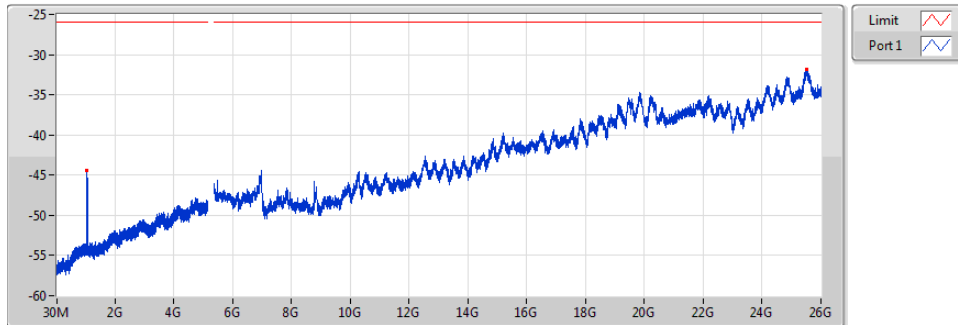
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a_Nss1_1TX

CSE-TX

5260MHz_TnomVnom

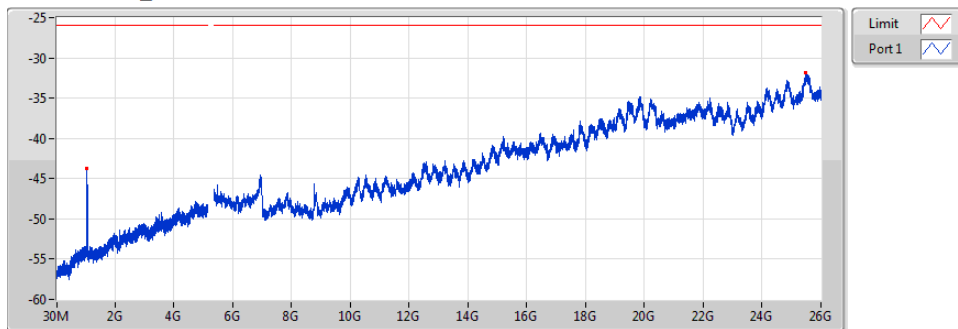


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1055.194	-44.43	-26.02	-18.41	-44.43
25530.44	-31.84	-26.02	-5.82	-31.84

802.11a_Nss1_1TX

CSE-TX

5260MHz_TnomVmin

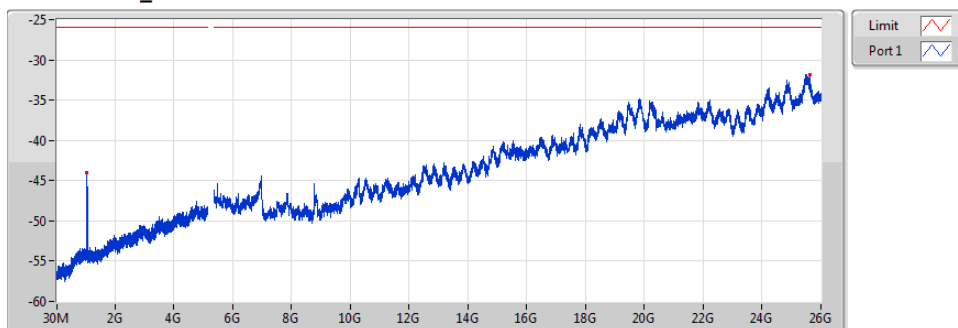


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1055.832	-43.69	-26.02	-17.67	-43.69
25491.74	-31.79	-26.02	-5.77	-31.79

802.11a_Nss1_1TX

CSE-TX

5260MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1055.832	-43.97	-26.02	-17.95	-43.97
25607.84	-31.86	-26.02	-5.84	-31.86



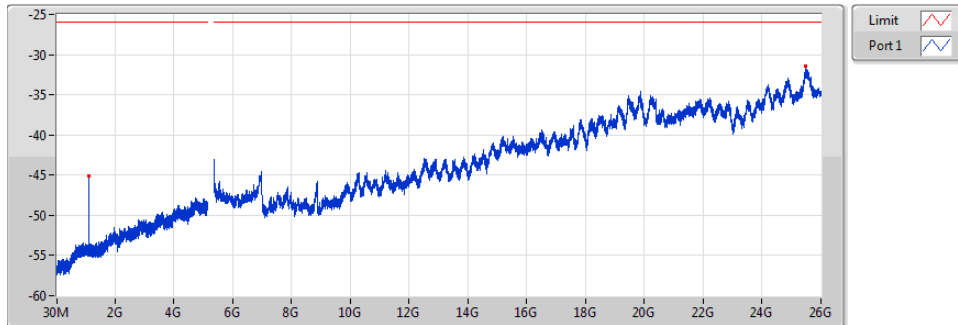
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a_Nss1_1TX

CSE-TX

5320MHz_TnomVnom

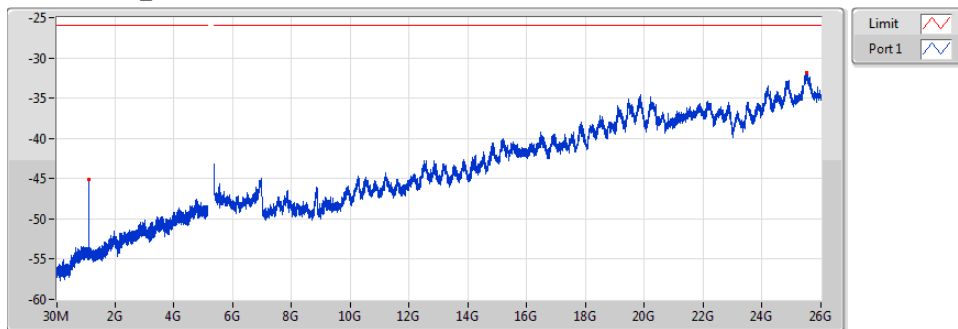


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1114.598	-45.09	-26.02	-19.07	-45.09
25460.78	-31.49	-26.02	-5.47	-31.49

802.11a_Nss1_1TX

CSE-TX

5320MHz_TnomVmin

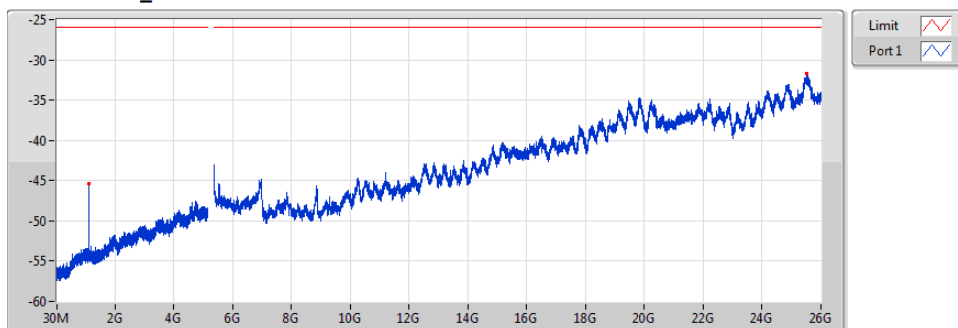


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1114.598	-45.15	-26.02	-19.13	-45.15
25517.54	-31.84	-26.02	-5.82	-31.84

802.11a_Nss1_1TX

CSE-TX

5320MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1115.236	-45.40	-26.02	-19.38	-45.40
25499.48	-31.68	-26.02	-5.66	-31.68



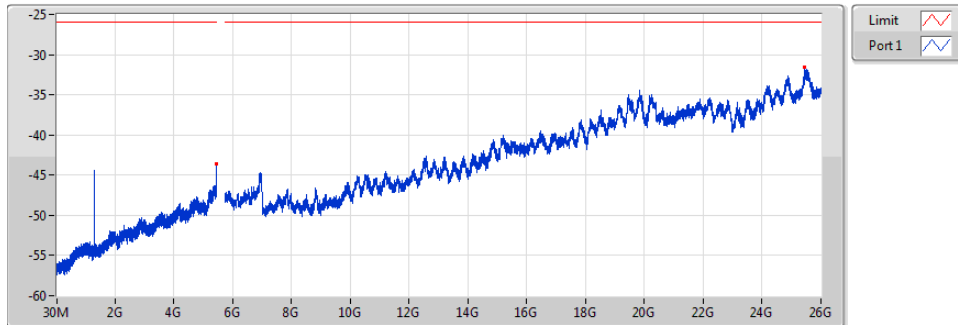
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a_Nss1_1TX

CSE-TX

5500MHz_TnomVnom

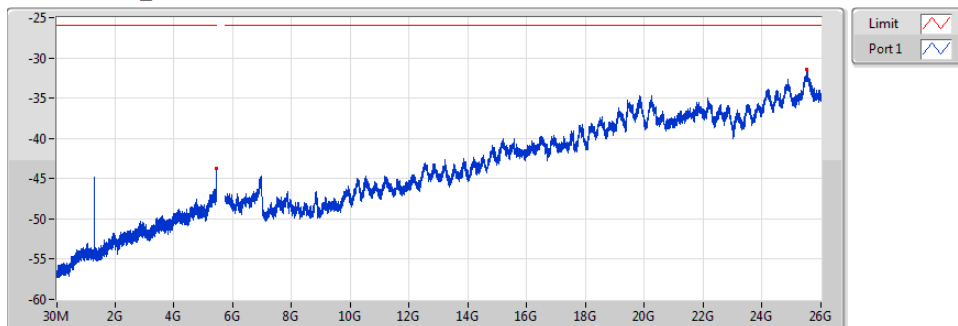


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5455	-43.56	-26.02	-17.54	-43.56
25453.115	-31.58	-26.02	-5.56	-31.58

802.11a_Nss1_1TX

CSE-TX

5500MHz_TnomVmin

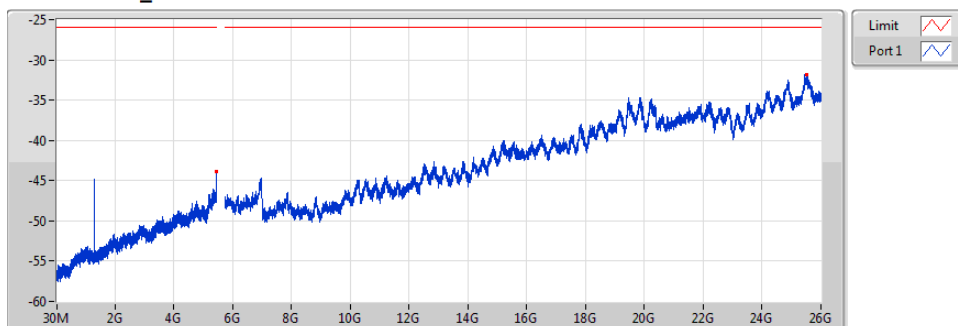


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5454.322	-43.73	-26.02	-17.71	-43.73
25503.752	-31.49	-26.02	-5.47	-31.49

802.11a_Nss1_1TX

CSE-TX

5500MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5453.644	-43.81	-26.02	-17.79	-43.81
25524.007	-31.78	-26.02	-5.76	-31.78



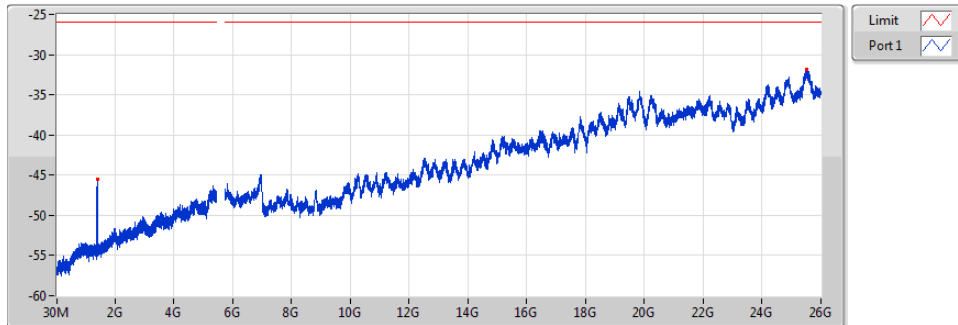
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a_Nss1_1TX

CSE-TX

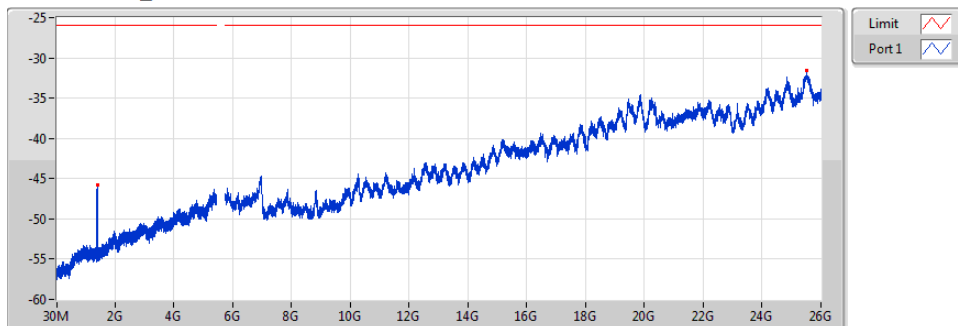
5600MHz_TnomVnom



802.11a_Nss1_1TX

CSE-TX

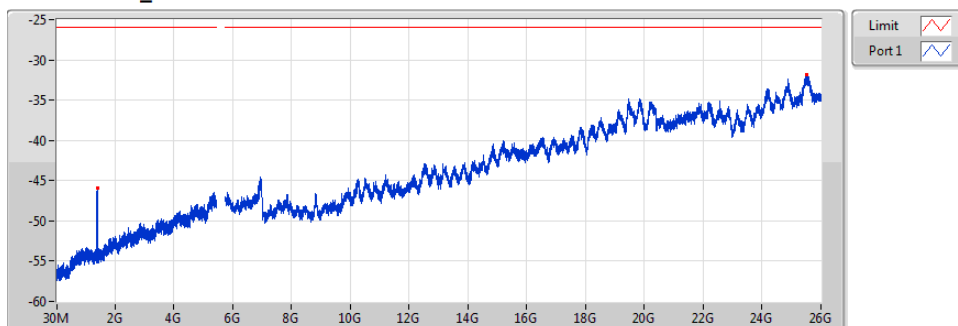
5600MHz_TnomVmin



802.11a_Nss1_1TX

CSE-TX

5600MHz_TnomVmax





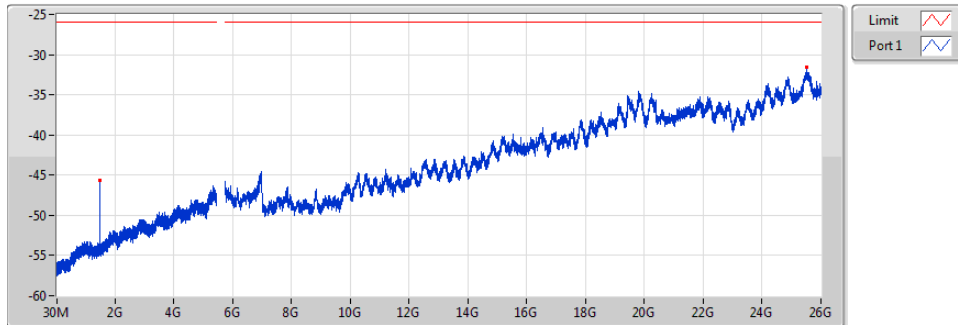
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a_Nss1_1TX

CSE-TX

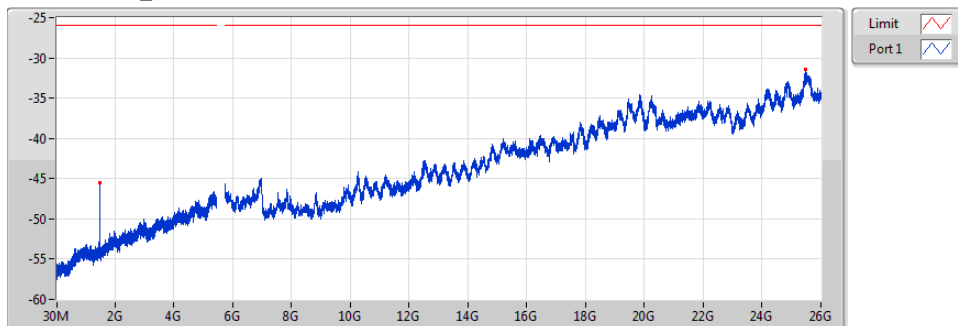
5700MHz_TnomVnom



802.11a_Nss1_1TX

CSE-TX

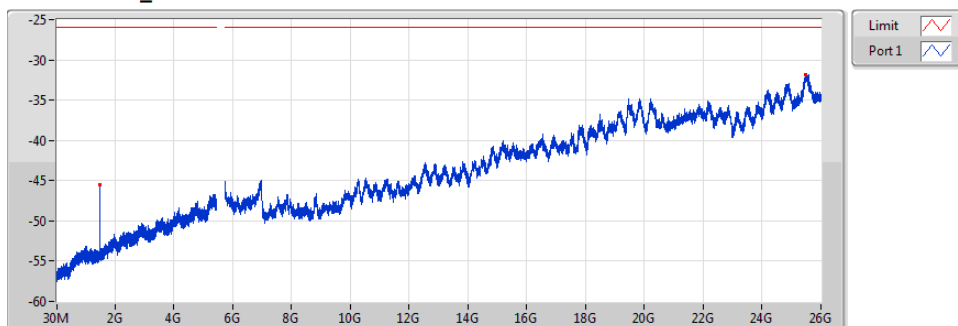
5700MHz_TnomVmin



802.11a_Nss1_1TX

CSE-TX

5700MHz_TnomVmax





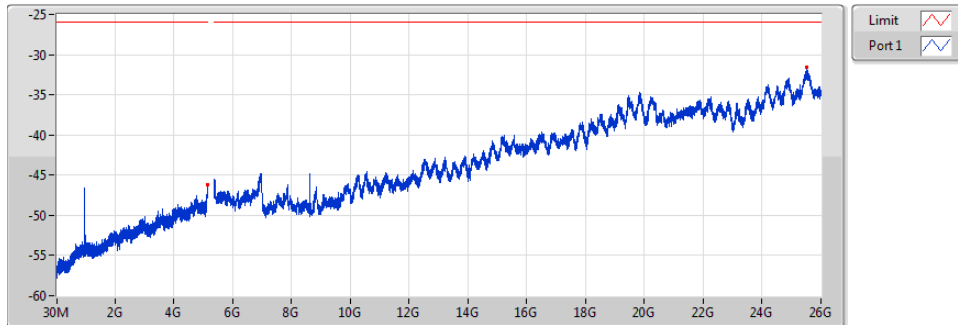
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5180MHz_TnomVnom

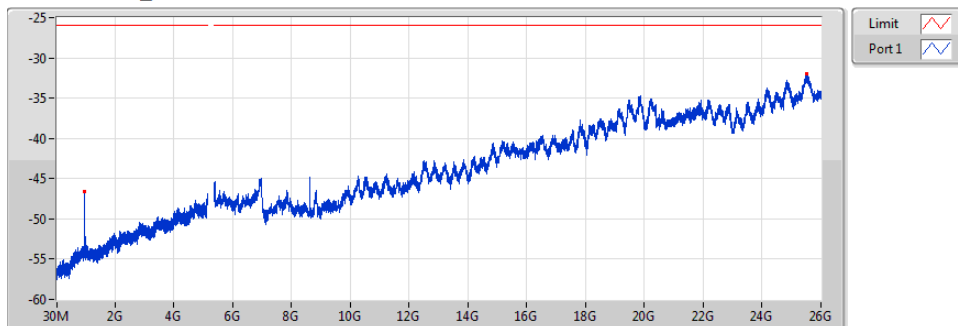


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5140	-46.13	-26.02	-20.11	-46.13
25517.54	-31.55	-26.02	-5.53	-31.55

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5180MHz_TnomVmin

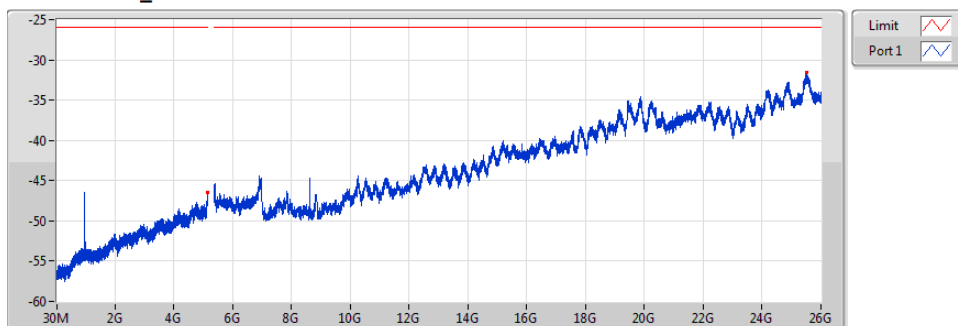


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
974.711	-46.56	-26.02	-20.54	-46.56
25525.28	-32.00	-26.02	-5.98	-32.00

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5180MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5136.806	-46.43	-26.02	-20.41	-46.43
25507.22	-31.51	-26.02	-5.49	-31.51



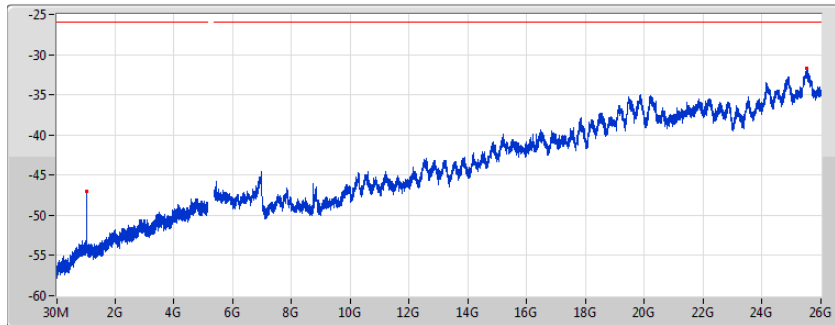
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5240MHz_TnomVnom

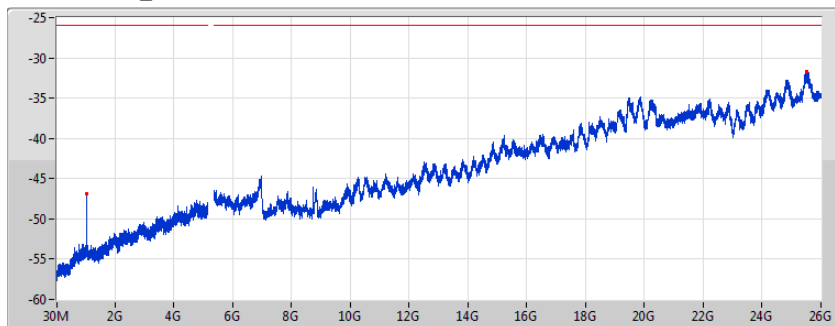


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1034.754	-46.97	-26.02	-20.95	-46.97
25525.28	-31.68	-26.02	-5.66	-31.68

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5240MHz_TnomVmin

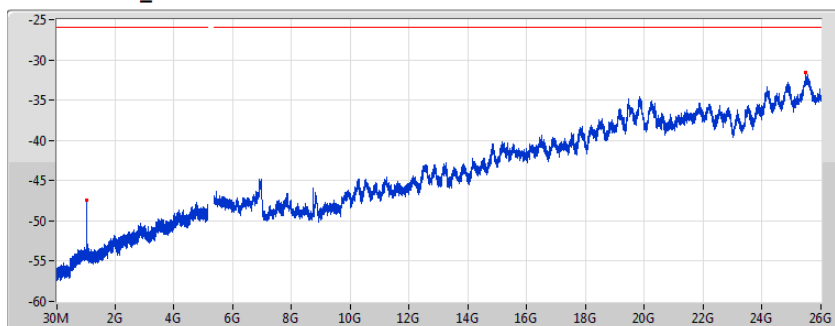


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1034.754	-46.90	-26.02	-20.88	-46.90
25522.7	-31.71	-26.02	-5.69	-31.71

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5240MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1034.754	-47.42	-26.02	-21.40	-47.42
25484	-31.52	-26.02	-5.50	-31.52



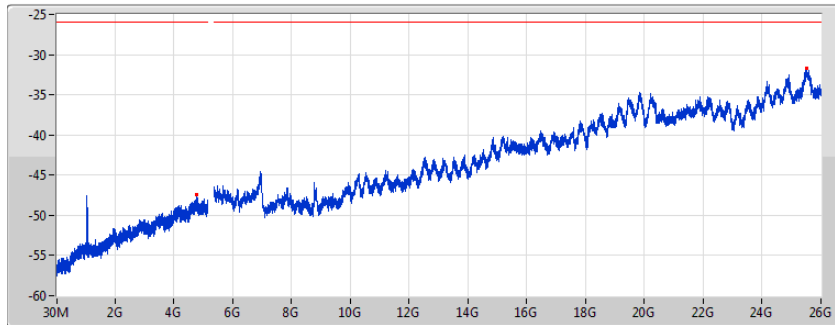
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5260MHz_TnomVnom

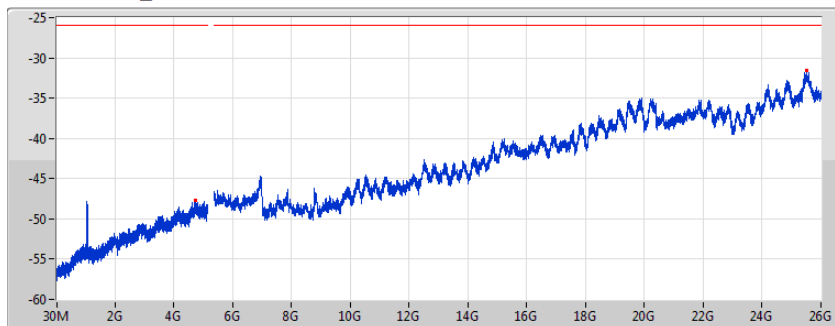


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4777.19	-47.48	-26.02	-21.46	-47.48
25509.8	-31.70	-26.02	-5.68	-31.70

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5260MHz_TnomVmin

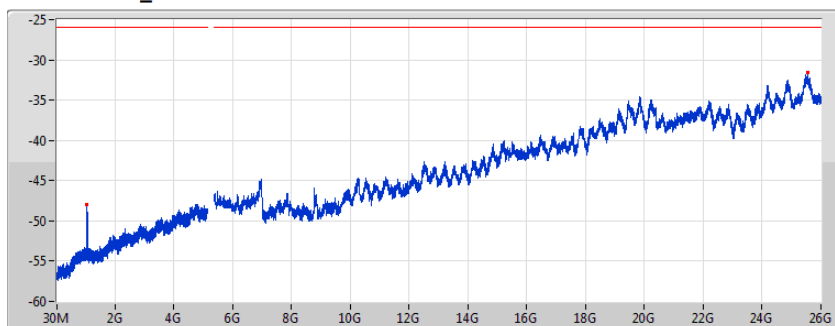


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4737.587	-47.70	-26.02	-21.68	-47.70
25504.64	-31.61	-26.02	-5.59	-31.61

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5260MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1055.832	-47.95	-26.02	-21.93	-47.95
25540.76	-31.62	-26.02	-5.60	-31.62



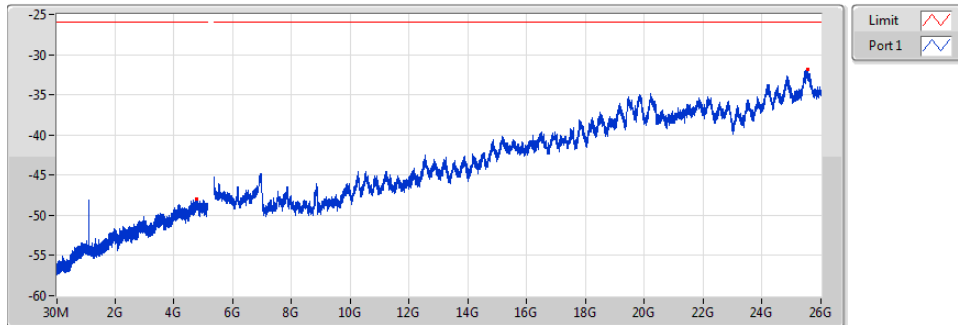
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5320MHz_TnomVnom

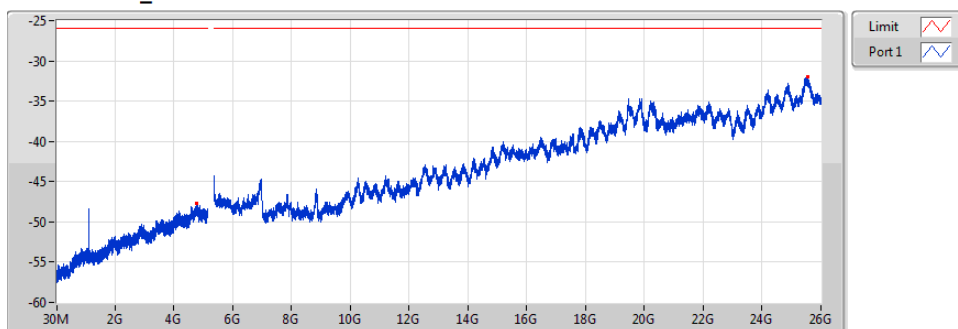


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4773.358	-47.92	-26.02	-21.90	-47.92
25535.6	-31.86	-26.02	-5.84	-31.86

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5320MHz_TnomVmin

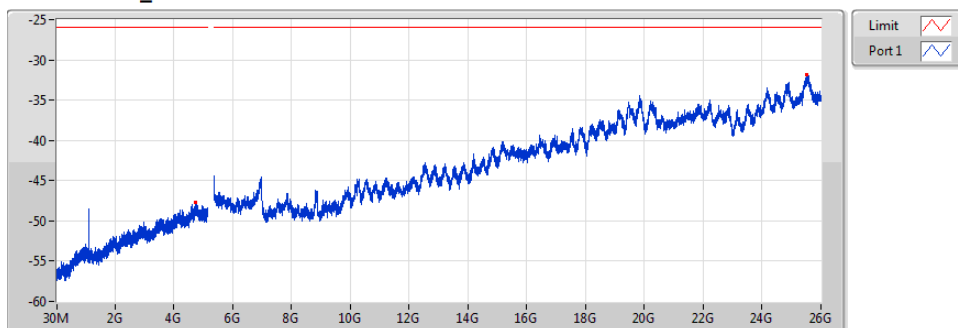


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4786.132	-47.74	-26.02	-21.72	-47.74
25569.14	-32.01	-26.02	-5.99	-32.01

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5320MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4752.279	-47.68	-26.02	-21.66	-47.68
25514.96	-31.88	-26.02	-5.86	-31.88



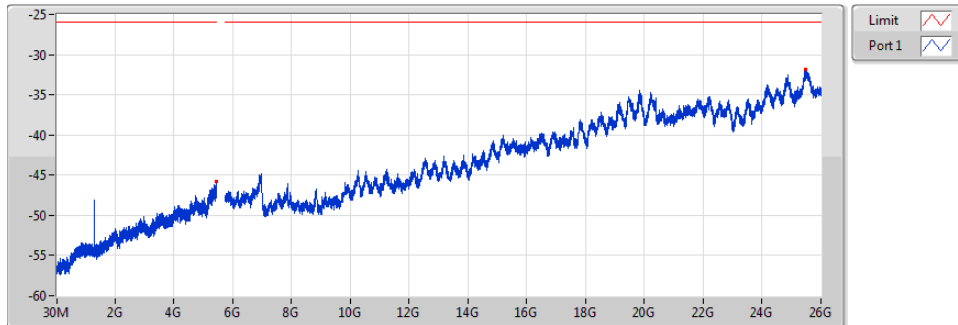
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5500MHz_TnomVnom

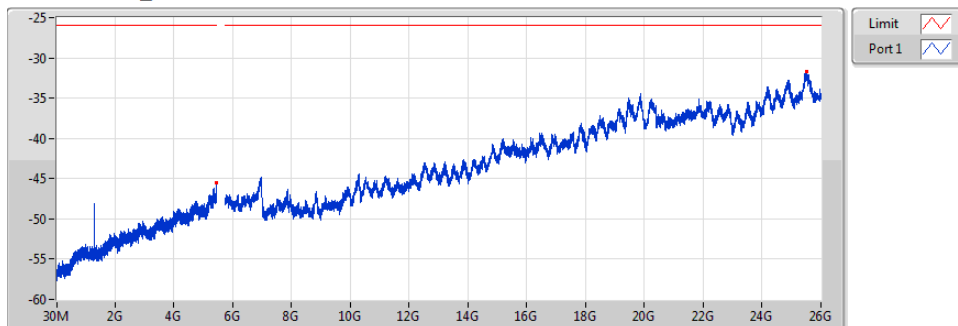


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5455	-45.78	-26.02	-19.76	-45.78
25483.498	-31.80	-26.02	-5.78	-31.80

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5500MHz_TnomVmin

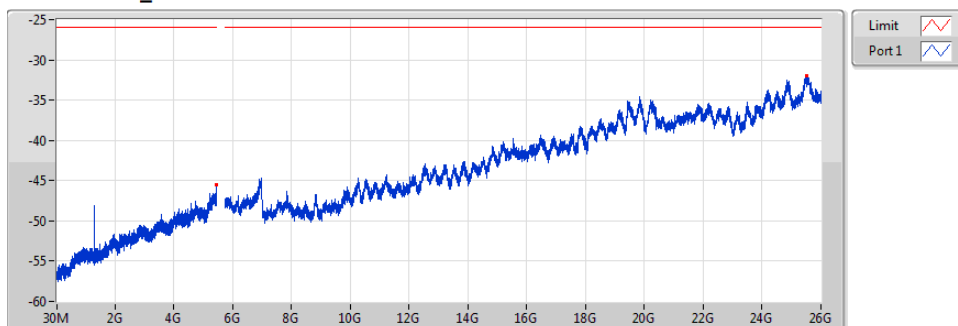


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5454.322	-45.46	-26.02	-19.44	-45.46
25508.816	-31.76	-26.02	-5.74	-31.76

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5500MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5454.322	-45.55	-26.02	-19.53	-45.55
25524.007	-31.98	-26.02	-5.96	-31.98



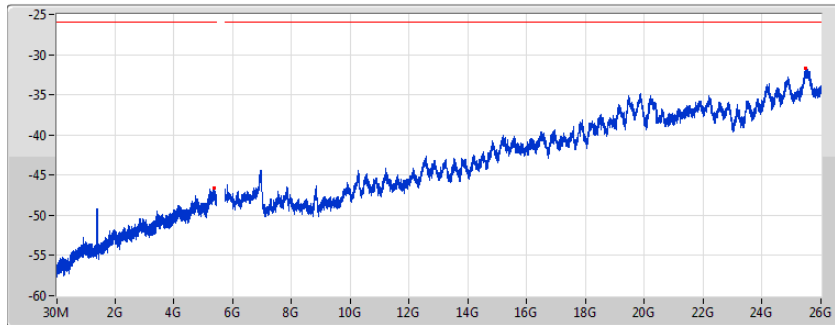
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5600MHz_TnomVnom

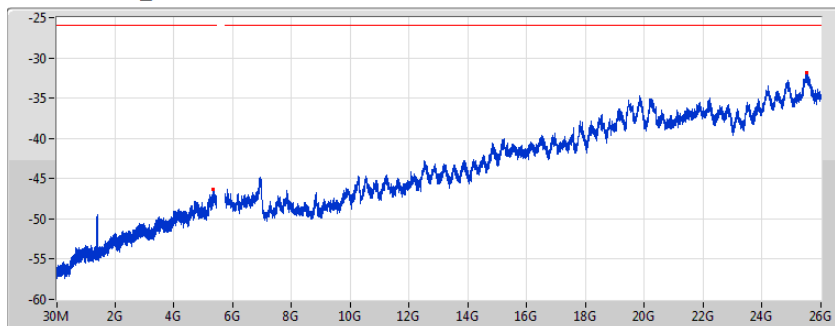


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5367.522	-46.63	-26.02	-20.61	-46.63
25463.243	-31.76	-26.02	-5.74	-31.76

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5600MHz_TnomVmin

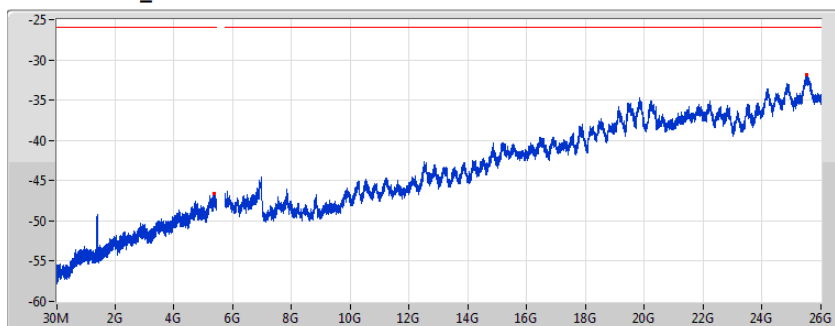


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5336.328	-46.26	-26.02	-20.24	-46.26
25508.816	-31.83	-26.02	-5.81	-31.83

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5600MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5366.844	-46.62	-26.02	-20.60	-46.62
25526.539	-31.90	-26.02	-5.88	-31.90



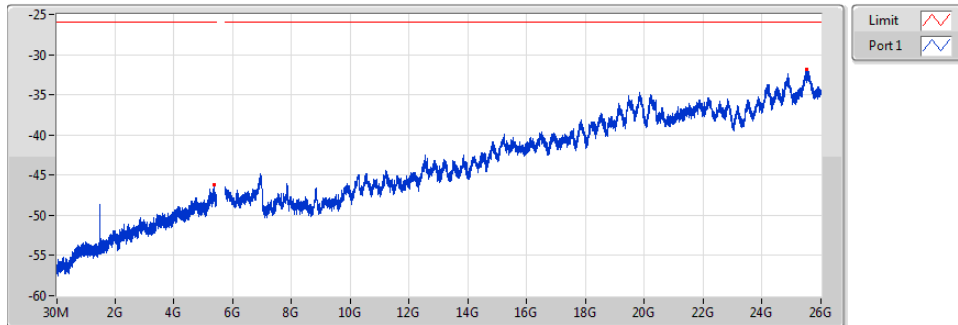
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5700MHz_TnomVnom

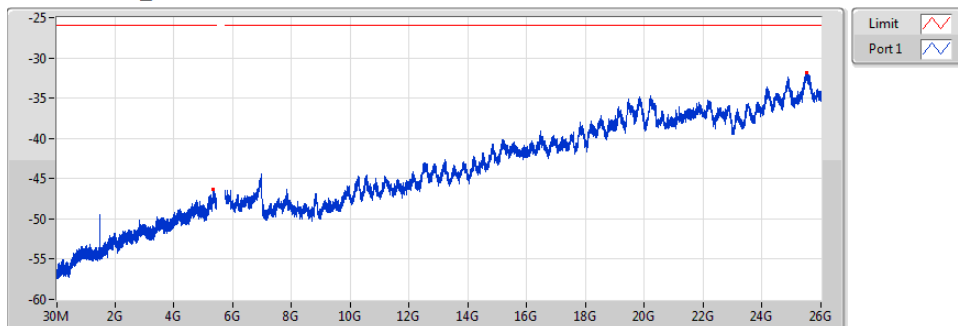


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5358.706	-46.25	-26.02	-20.23	-46.25
25516.412	-31.89	-26.02	-5.87	-31.89

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5700MHz_TnomVmin

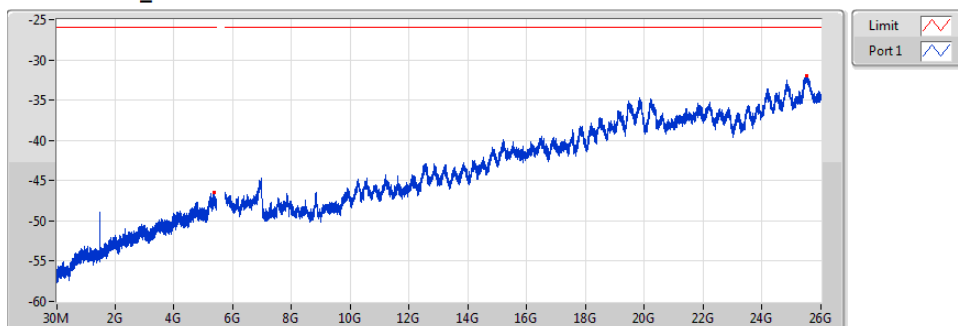


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5349.212	-46.31	-26.02	-20.29	-46.31
25498.689	-31.86	-26.02	-5.84	-31.86

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

5700MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5370.234	-46.43	-26.02	-20.41	-46.43
25503.752	-31.96	-26.02	-5.94	-31.96



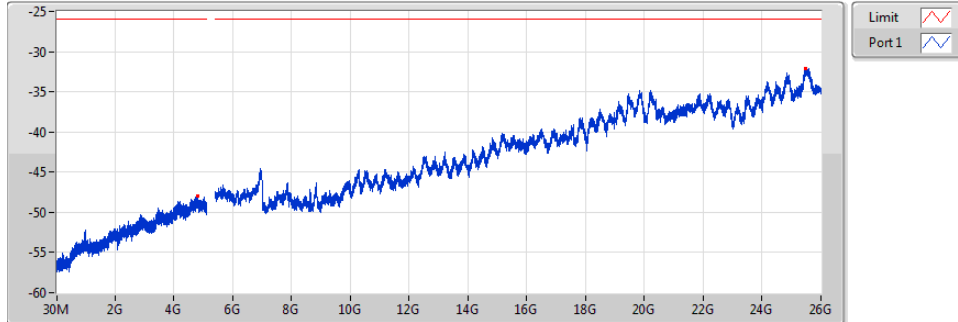
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5190MHz_TnomVnom

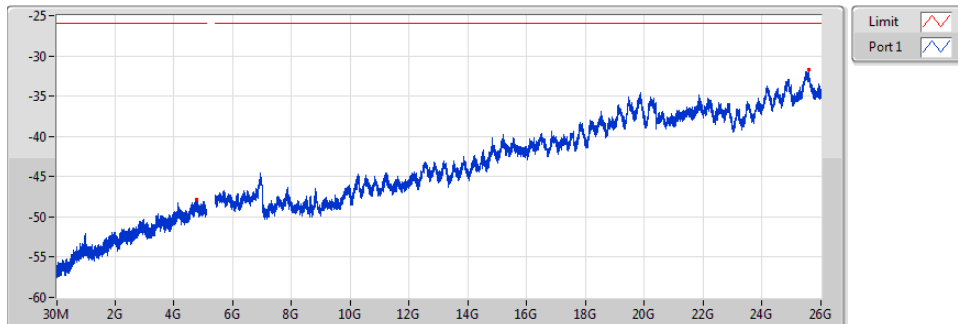


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4805.94	-47.95	-26.02	-21.93	-47.95
25490.15	-32.06	-26.02	-6.04	-32.06

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5190MHz_TnomVmin

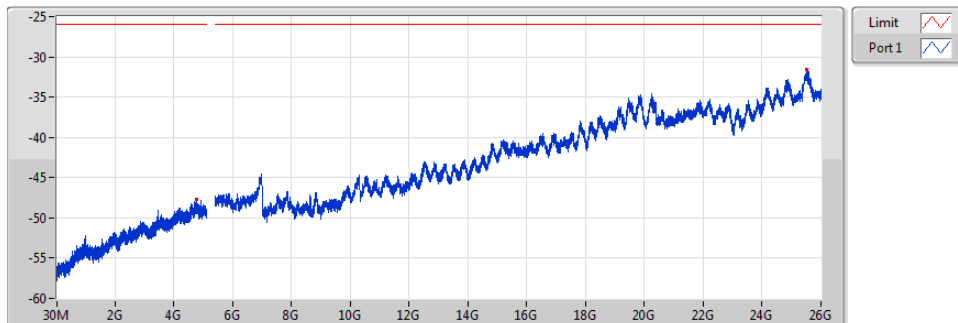


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4784.392	-47.79	-26.02	-21.77	-47.79
25577.7	-31.73	-26.02	-5.71	-31.73

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5190MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4760.944	-47.76	-26.02	-21.74	-47.76
25503.025	-31.61	-26.02	-5.59	-31.61



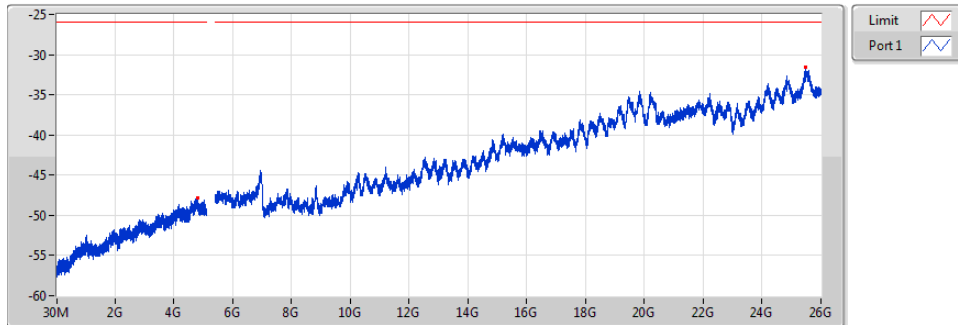
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5230MHz_TnomVnom

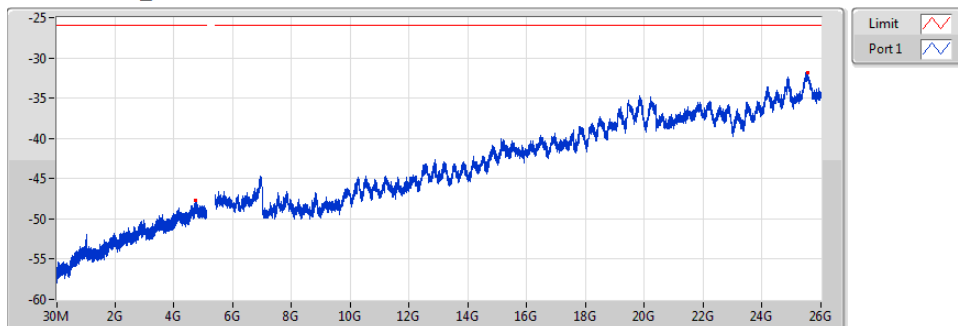


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4794.533	-47.86	-26.02	-21.84	-47.86
25490.15	-31.53	-26.02	-5.51	-31.53

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5230MHz_TnomVmin

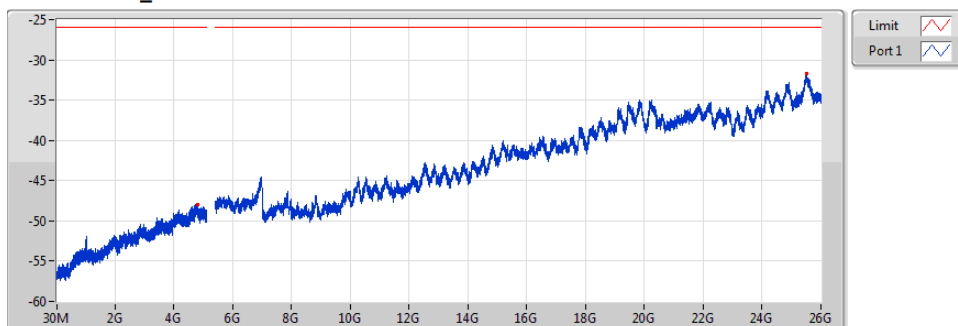


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4748.903	-47.72	-26.02	-21.70	-47.72
25569.975	-31.80	-26.02	-5.78	-31.80

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5230MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4797.068	-47.96	-26.02	-21.94	-47.96
25510.75	-31.76	-26.02	-5.74	-31.76



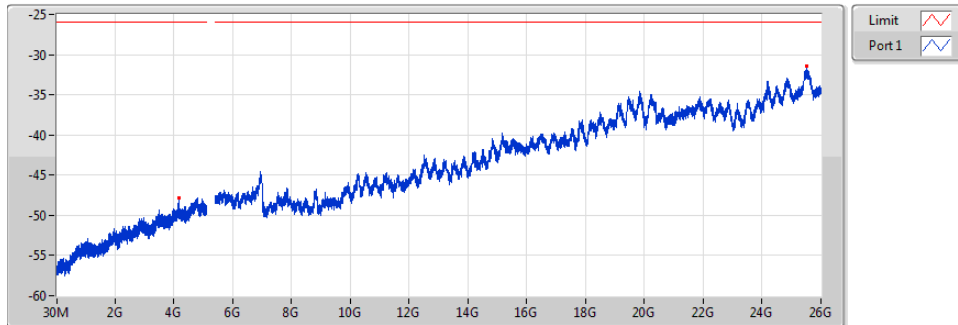
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5270MHz_TnomVnom

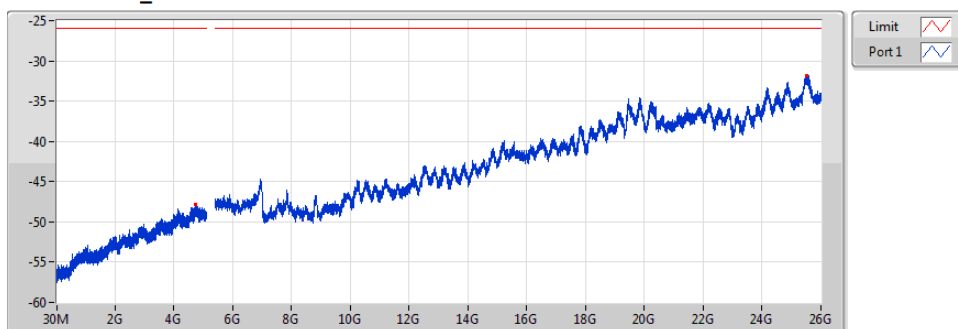


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4165.852	-47.81	-26.02	-21.79	-47.81
25510.75	-31.38	-26.02	-5.36	-31.38

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5270MHz_TnomVmin

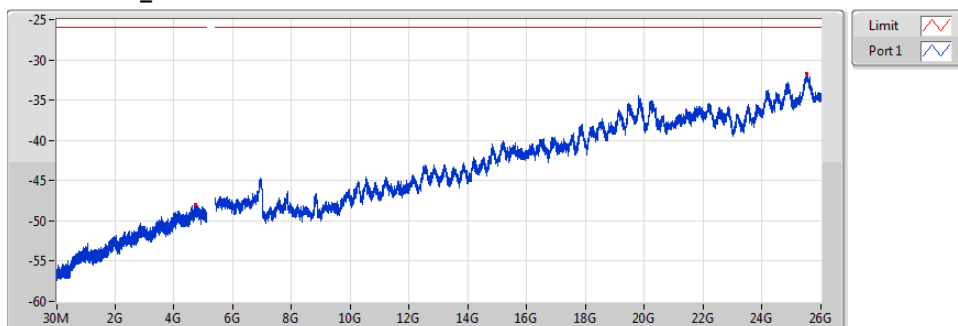


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4729.256	-47.82	-26.02	-21.80	-47.82
25515.9	-31.87	-26.02	-5.85	-31.87

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5270MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4753.339	-47.91	-26.02	-21.89	-47.91
25497.875	-31.67	-26.02	-5.65	-31.67



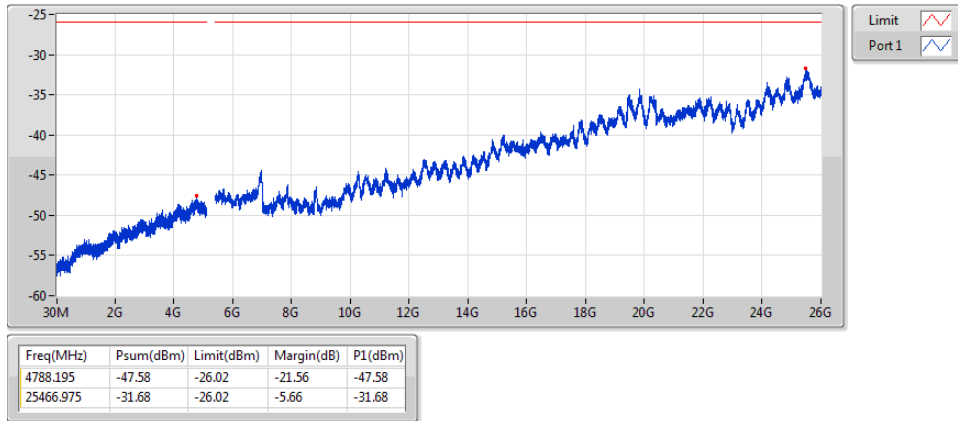
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

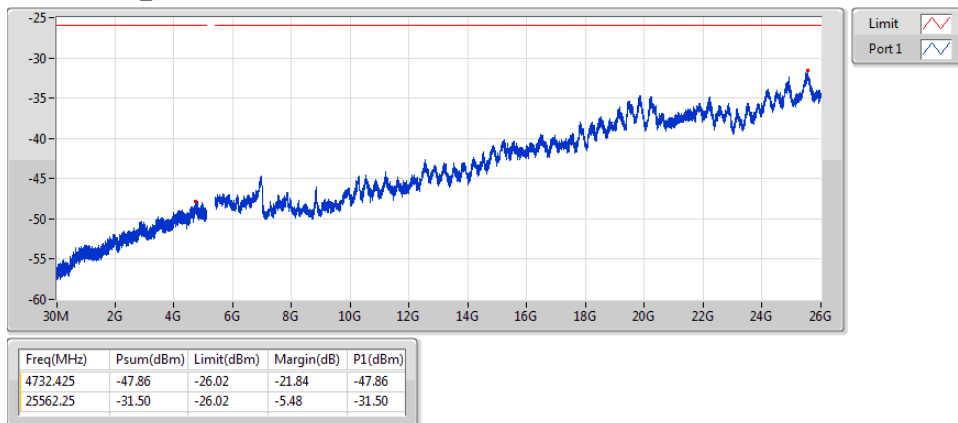
5310MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

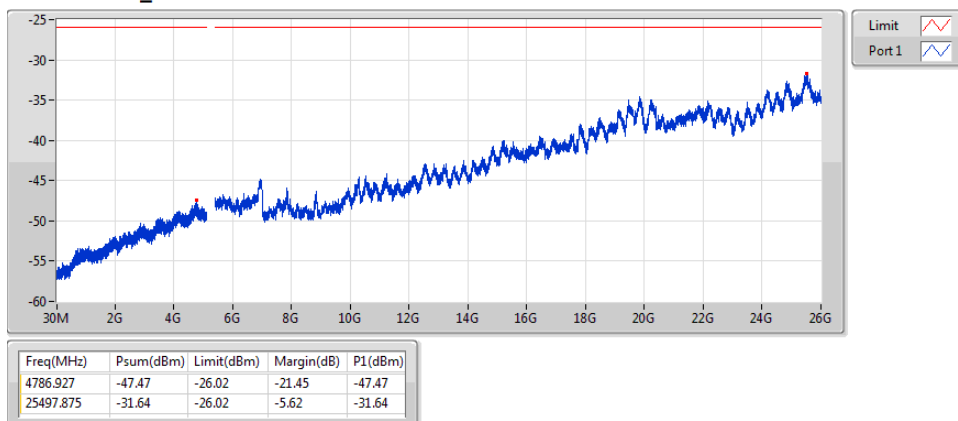
5310MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5310MHz_TnomVmax





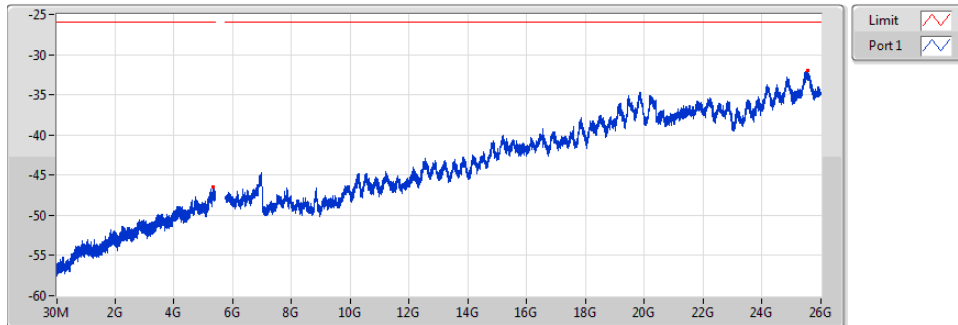
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5510MHz_TnomVnom

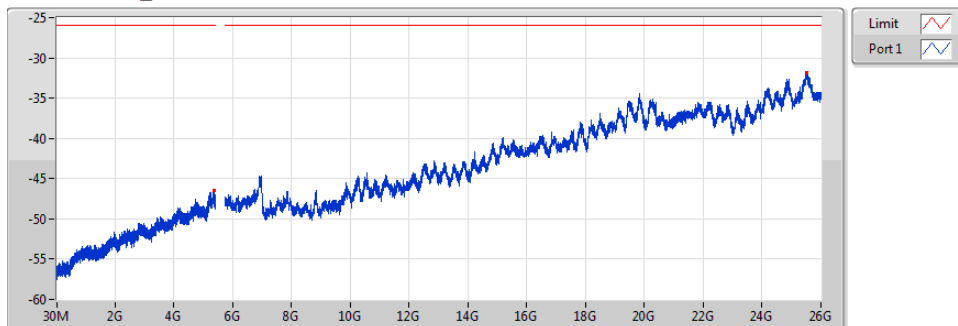


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5333.76	-46.44	-26.02	-20.42	-46.44
25537.01	-32.03	-26.02	-6.01	-32.03

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5510MHz_TnomVmin

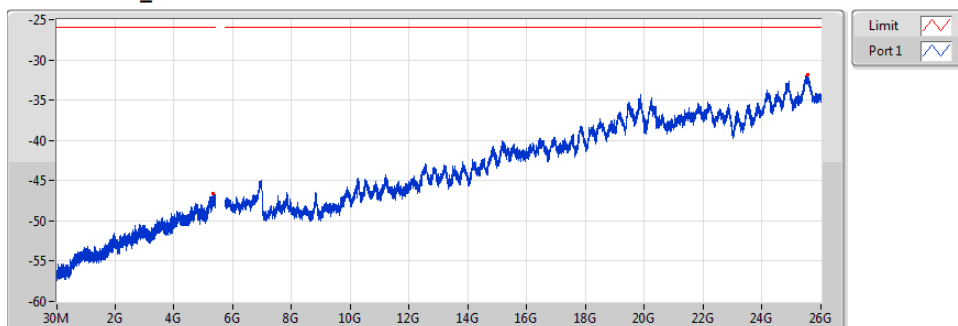


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5374.185	-46.43	-26.02	-20.41	-46.43
25529.42	-31.82	-26.02	-5.80	-31.82

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5510MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5341.845	-46.57	-26.02	-20.55	-46.57
25544.6	-31.87	-26.02	-5.85	-31.87



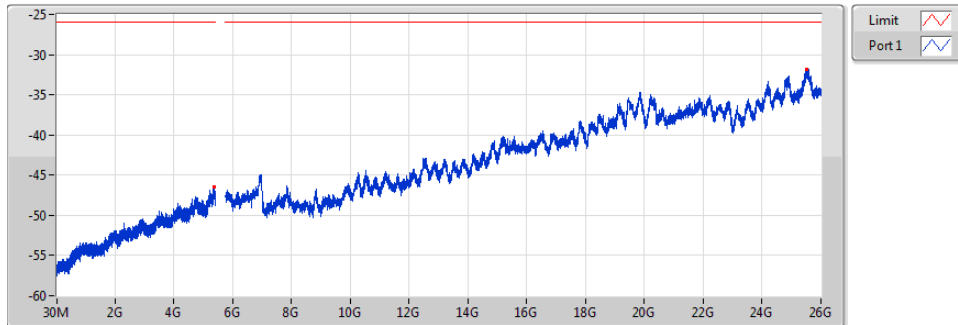
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5590MHz_TnomVnom

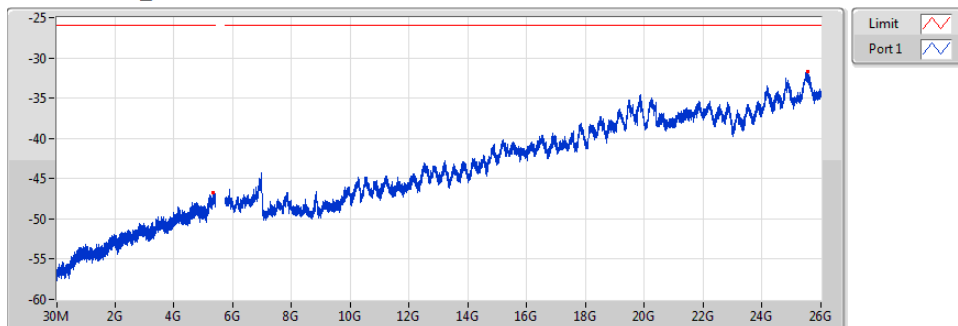


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5358.689	-46.46	-26.02	-20.44	-46.46
25509.18	-31.78	-26.02	-5.76	-31.78

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5590MHz_TnomVmin

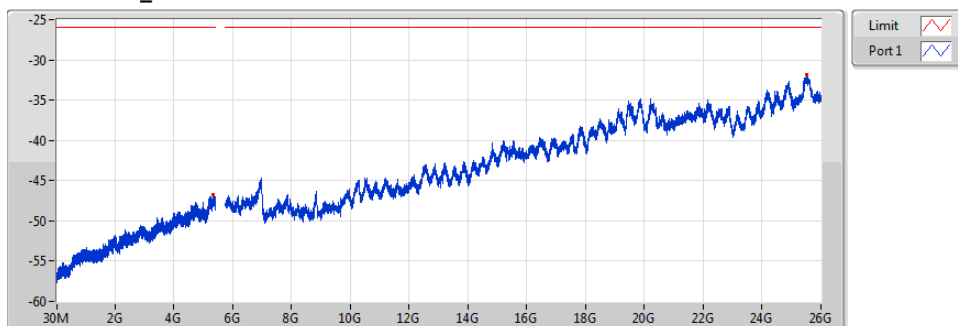


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5351.951	-46.76	-26.02	-20.74	-46.76
25539.54	-31.67	-26.02	-5.65	-31.67

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5590MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5339.15	-46.67	-26.02	-20.65	-46.67
25531.95	-31.80	-26.02	-5.78	-31.80



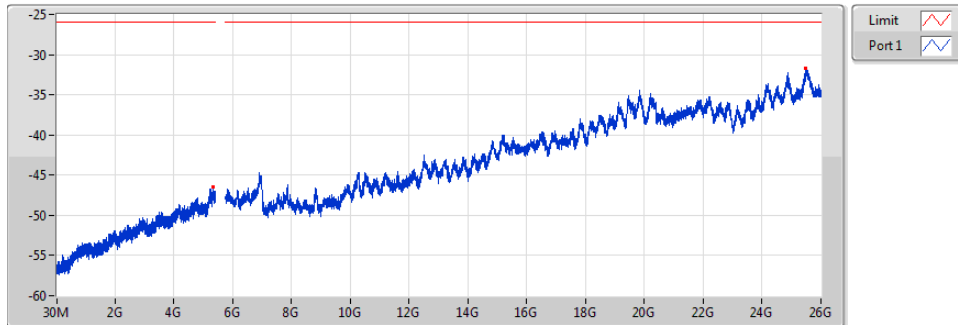
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5670MHz_TnomVnom

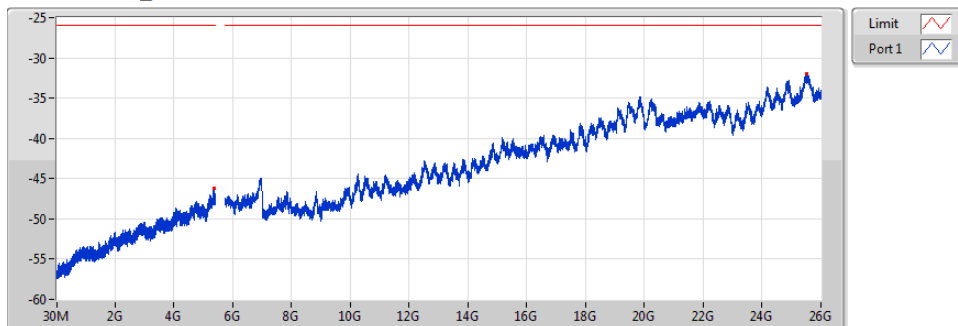


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5353.299	-46.48	-26.02	-20.46	-46.48
25478.82	-31.69	-26.02	-5.67	-31.69

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5670MHz_TnomVmin

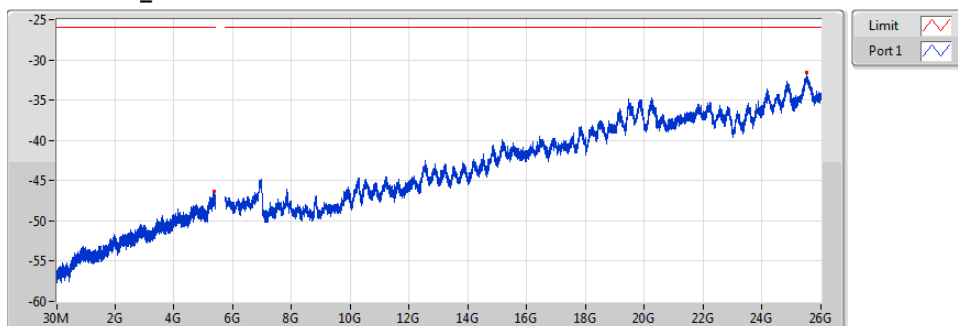


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5371.49	-46.23	-26.02	-20.21	-46.23
25526.89	-31.91	-26.02	-5.89	-31.91

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX

5670MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5373.511	-46.32	-26.02	-20.30	-46.32
25504.12	-31.50	-26.02	-5.48	-31.50



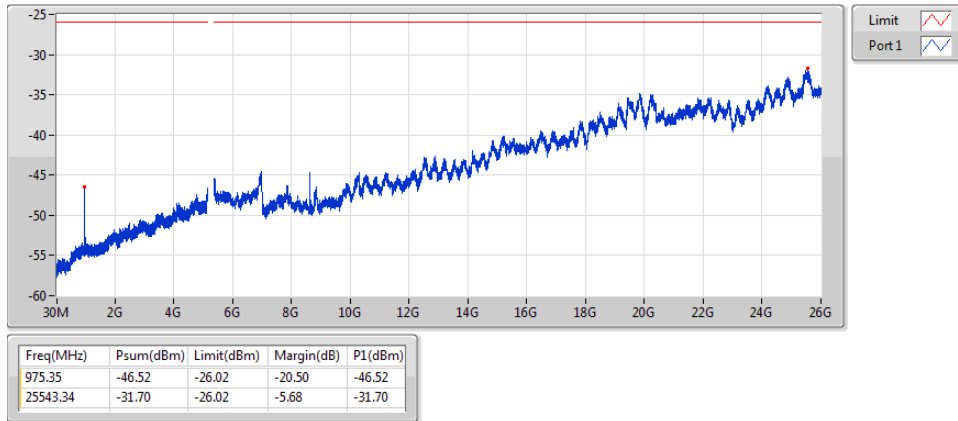
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

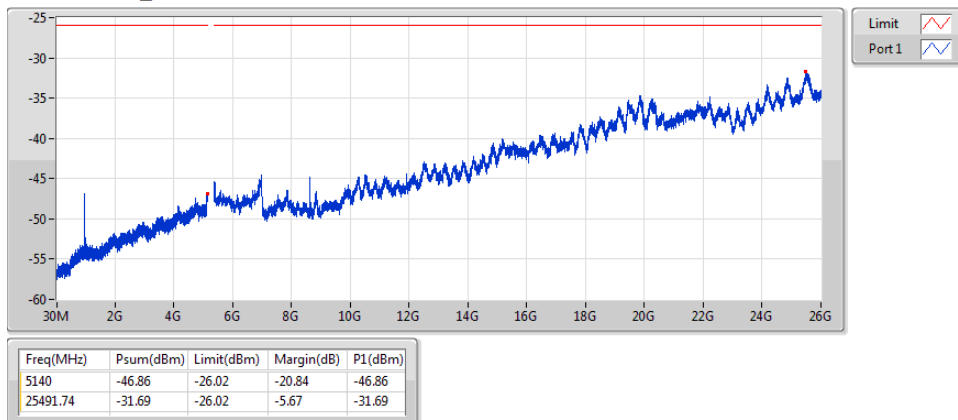
5180MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

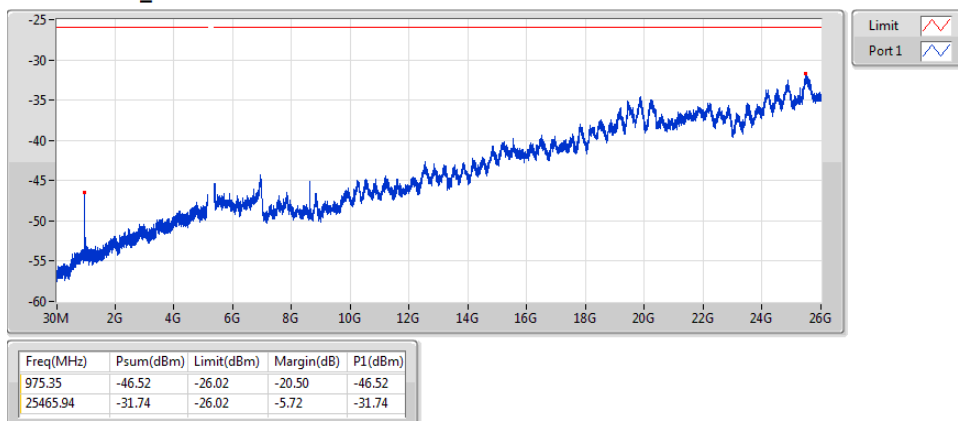
5180MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5180MHz_TnomVmax





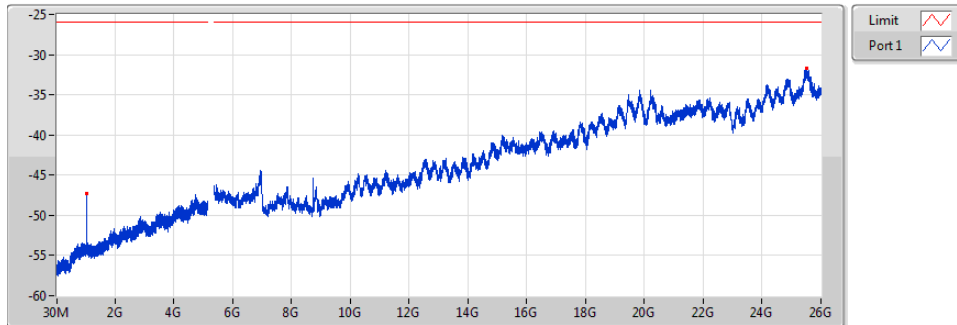
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

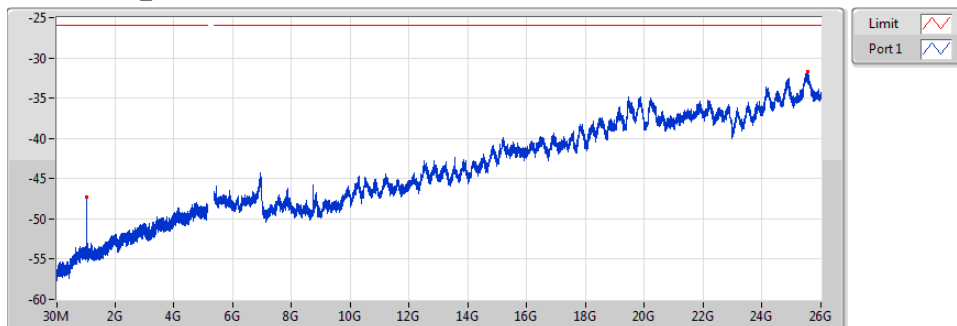
5240MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

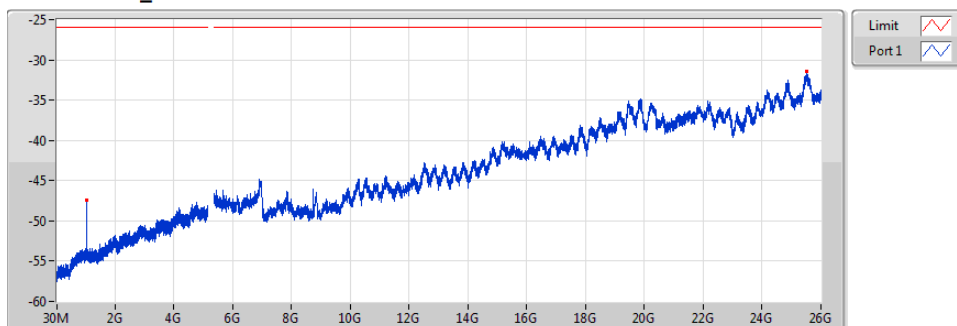
5240MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5240MHz_TnomVmax





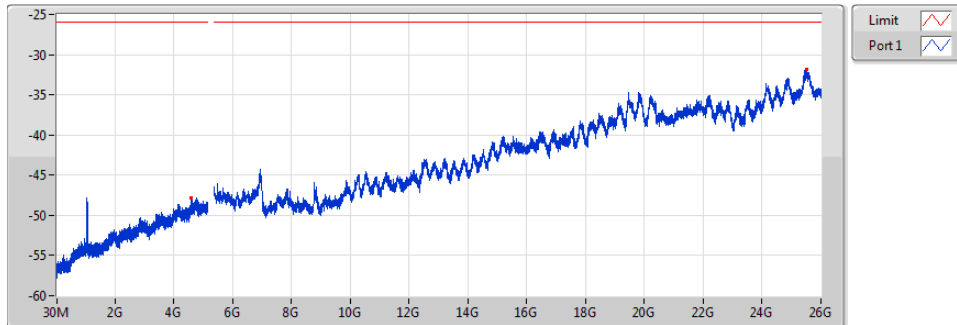
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5260MHz_TnomVnom

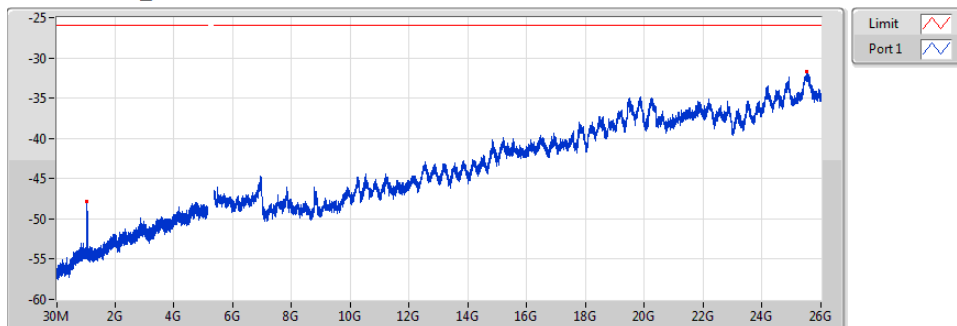


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4604.089	-47.84	-26.02	-21.82	-47.84
25502.06	-31.80	-26.02	-5.78	-31.80

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5260MHz_TnomVmin

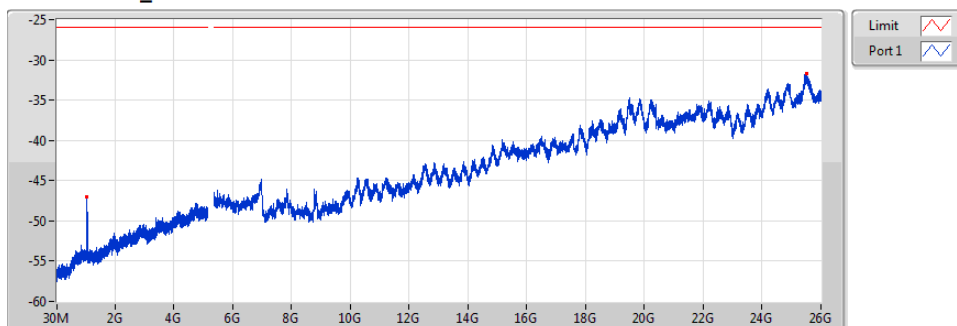


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1053.277	-47.85	-26.02	-21.83	-47.85
25514.96	-31.64	-26.02	-5.62	-31.64

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5260MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
1056.471	-47.06	-26.02	-21.04	-47.06
25525.28	-31.67	-26.02	-5.65	-31.67



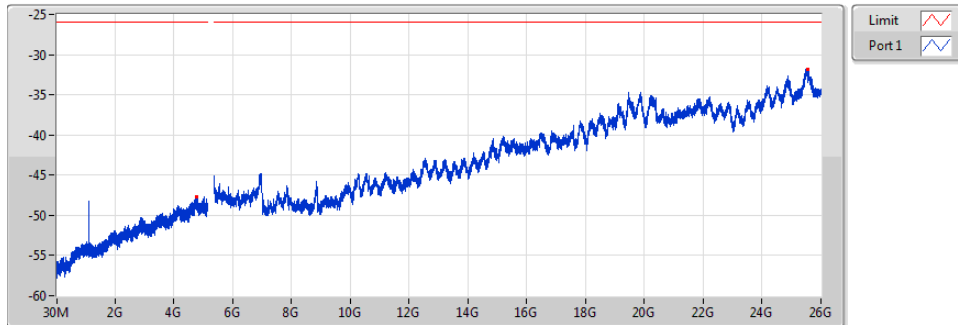
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5320MHz_TnomVnom

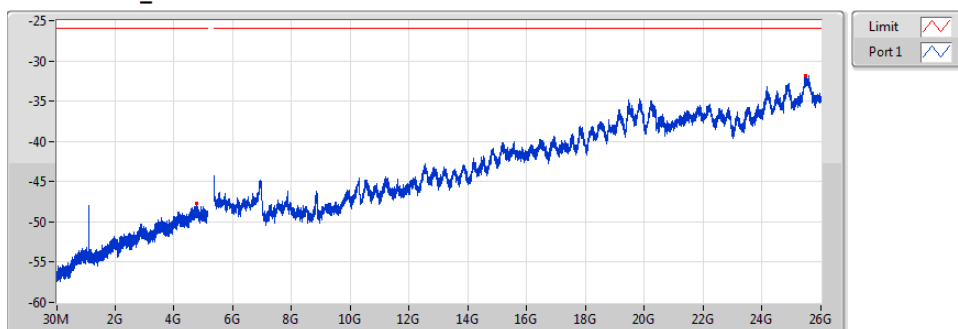


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4793.159	-47.73	-26.02	-21.71	-47.73
25551.08	-31.83	-26.02	-5.81	-31.83

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5320MHz_TnomVmin

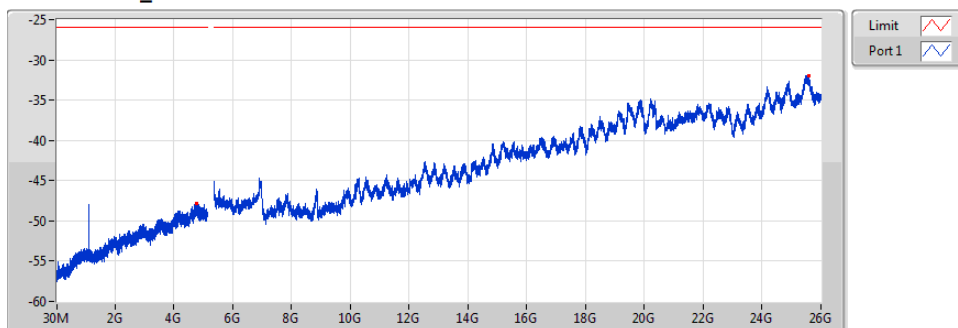


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4765.693	-47.69	-26.02	-21.67	-47.69
25489.16	-31.79	-26.02	-5.77	-31.79

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5320MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4793.797	-47.80	-26.02	-21.78	-47.80
25571.72	-31.91	-26.02	-5.89	-31.91



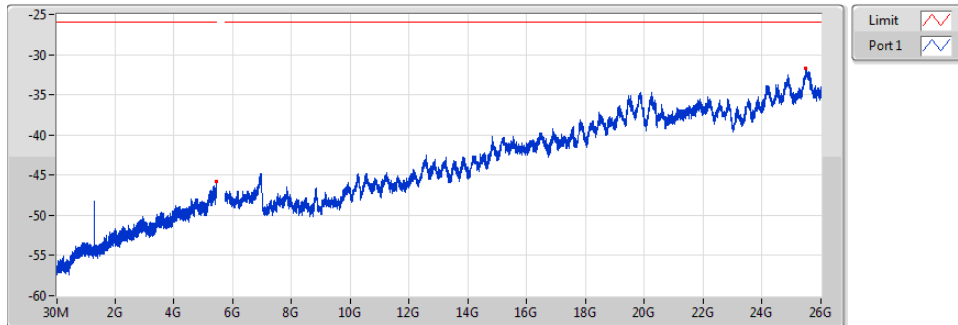
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5500MHz_TnomVnom

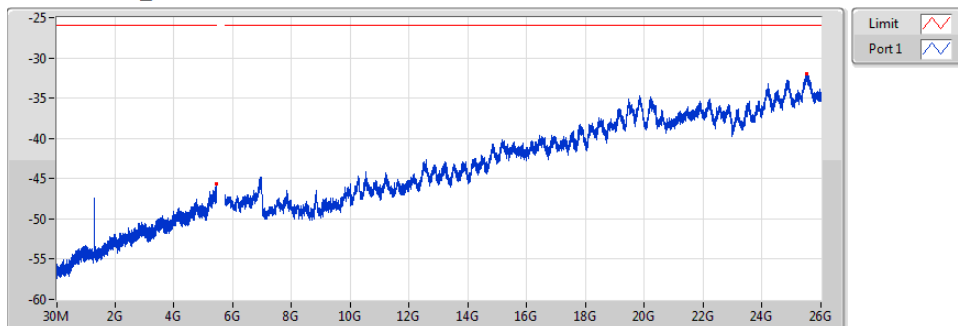


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5446.863	-45.76	-26.02	-19.74	-45.76
25483.498	-31.66	-26.02	-5.64	-31.66

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5500MHz_TnomVmin

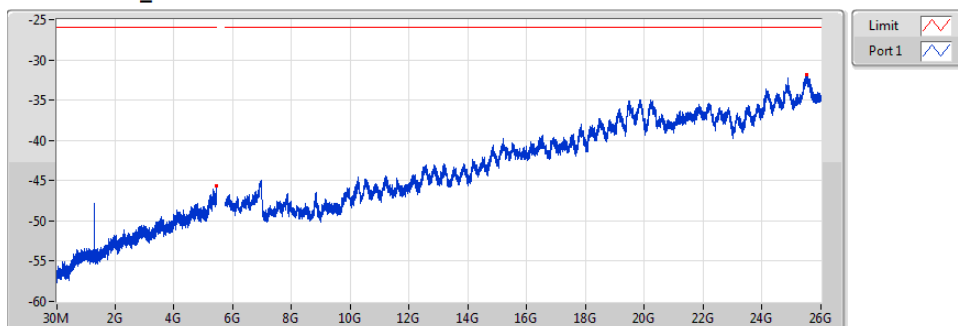


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5452.966	-45.70	-26.02	-19.68	-45.70
25506.284	-31.98	-26.02	-5.96	-31.98

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5500MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5453.644	-45.67	-26.02	-19.65	-45.67
25498.689	-31.77	-26.02	-5.75	-31.77



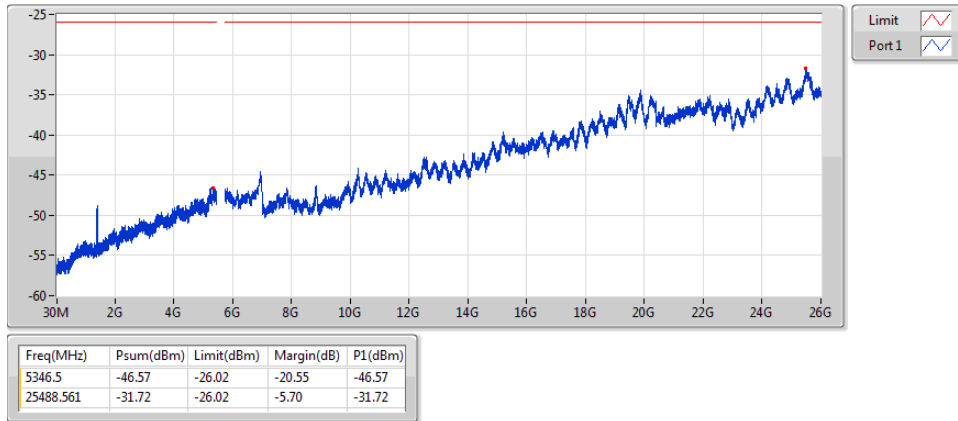
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

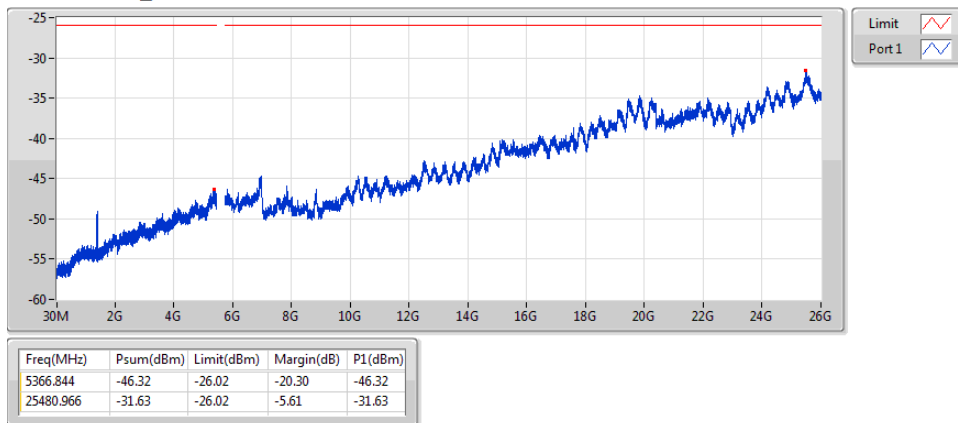
5600MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

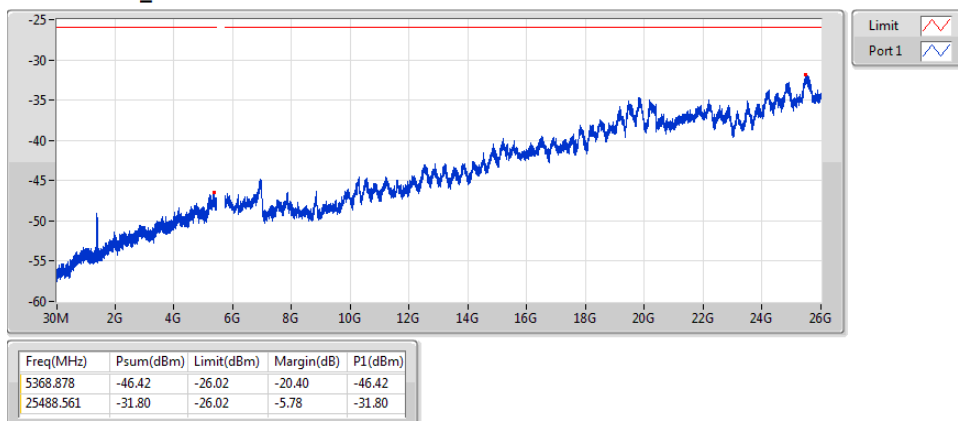
5600MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5600MHz_TnomVmax





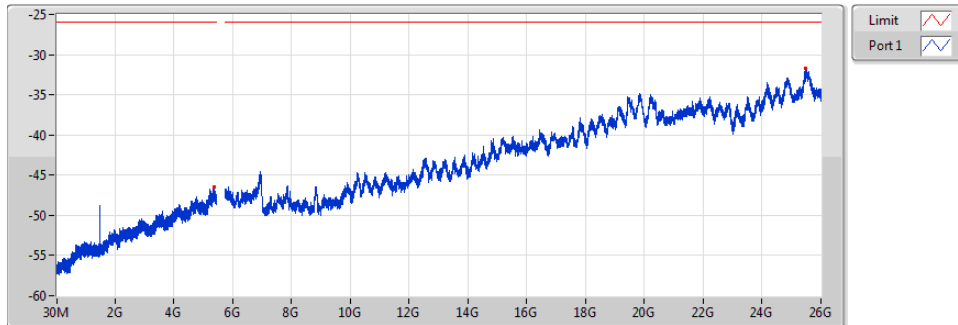
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5700MHz_TnomVnom

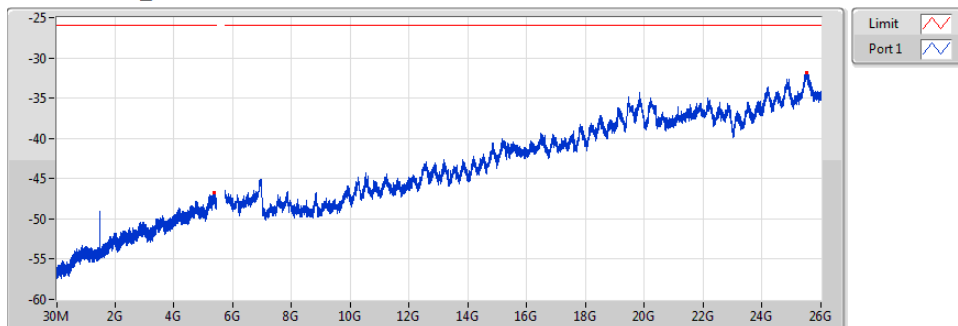


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5357.35	-46.48	-26.02	-20.46	-46.48
25475.902	-31.76	-26.02	-5.74	-31.76

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5700MHz_TnomVmin

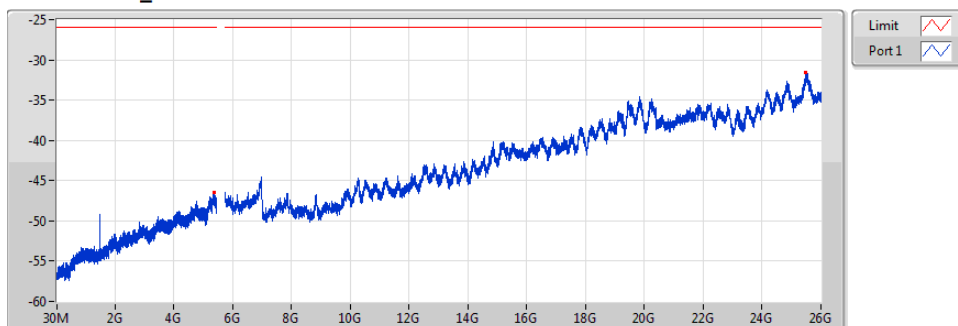


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5374.303	-46.68	-26.02	-20.66	-46.68
25498.689	-31.87	-26.02	-5.85	-31.87

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX

5700MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5358.028	-46.49	-26.02	-20.47	-46.49
25493.625	-31.62	-26.02	-5.60	-31.62



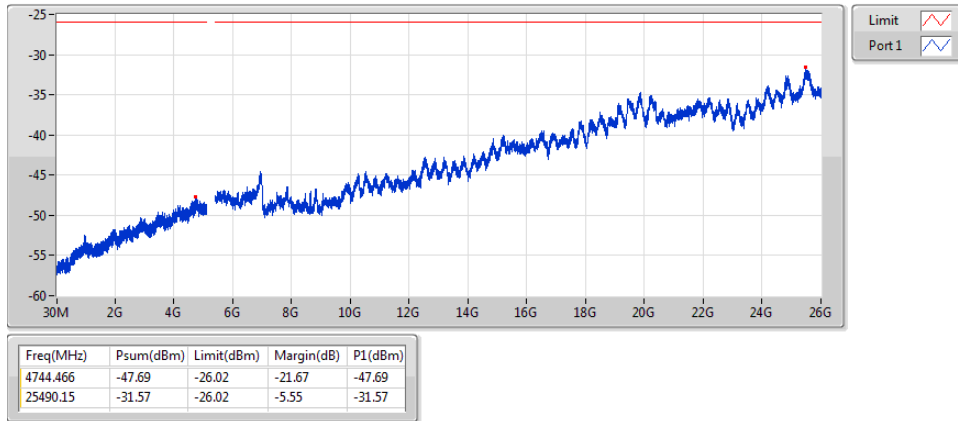
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

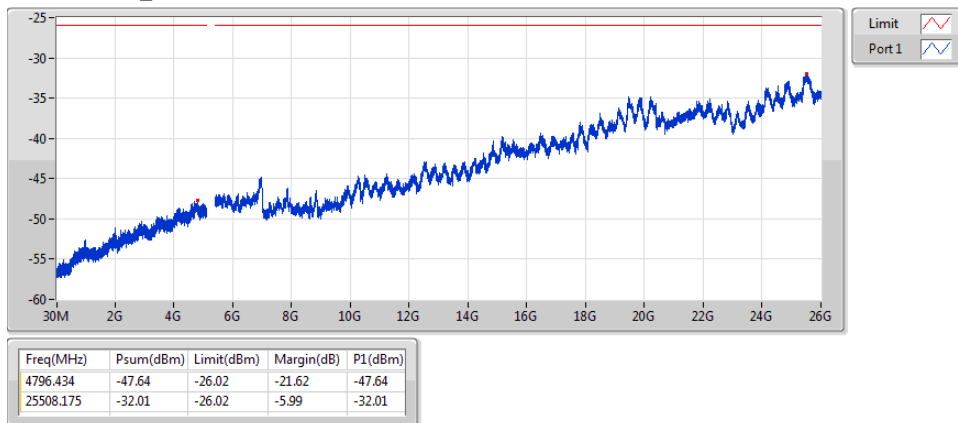
5190MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

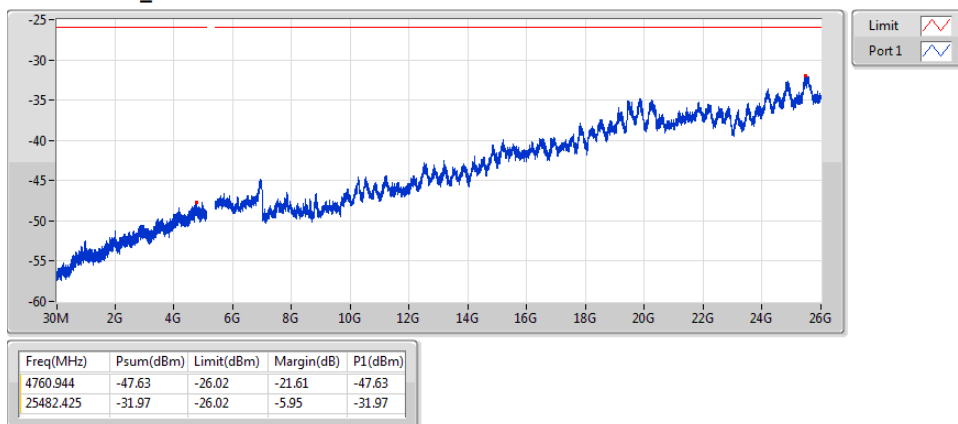
5190MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5190MHz_TnomVmax





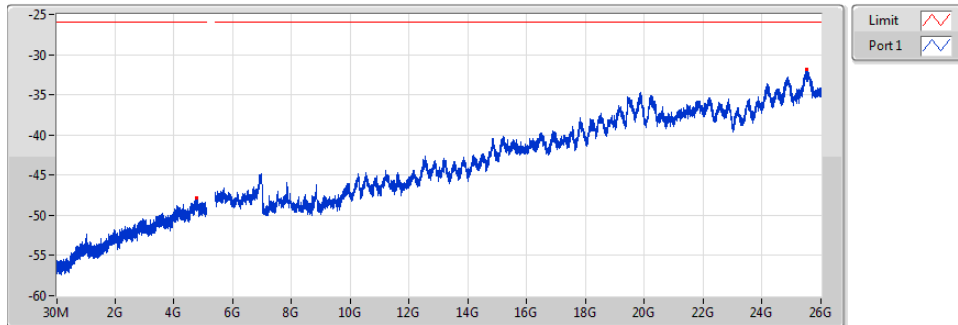
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5230MHz_TnomVnom

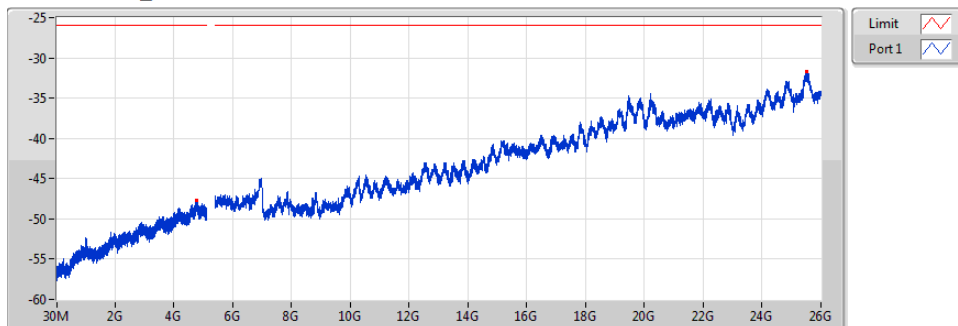


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4760.944	-47.90	-26.02	-21.88	-47.90
25500.45	-31.89	-26.02	-5.87	-31.89

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5230MHz_TnomVmin

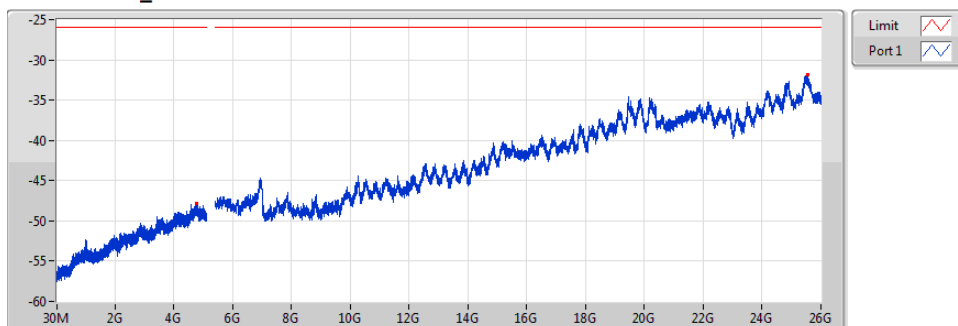


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4771.717	-47.66	-26.02	-21.64	-47.66
25503.025	-31.68	-26.02	-5.66	-31.68

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5230MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4772.985	-47.89	-26.02	-21.87	-47.89
25549.375	-31.86	-26.02	-5.84	-31.86



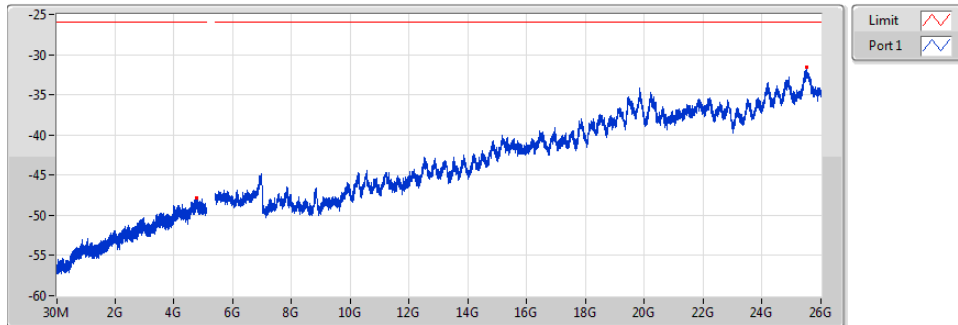
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5270MHz_TnomVnom

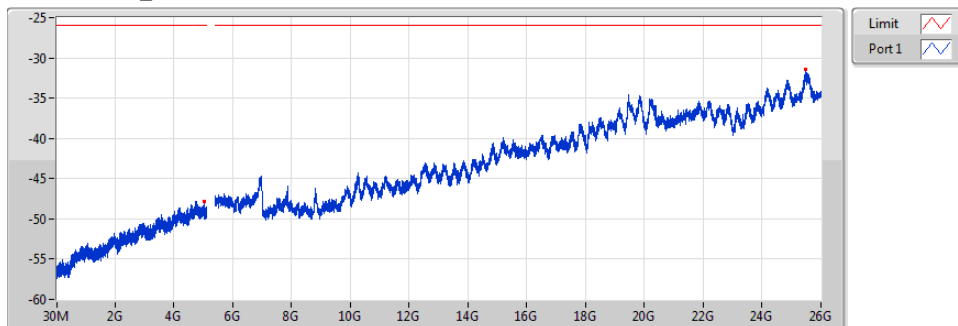


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4782.491	-47.87	-26.02	-21.85	-47.87
25528.775	-31.60	-26.02	-5.58	-31.60

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5270MHz_TnomVmin

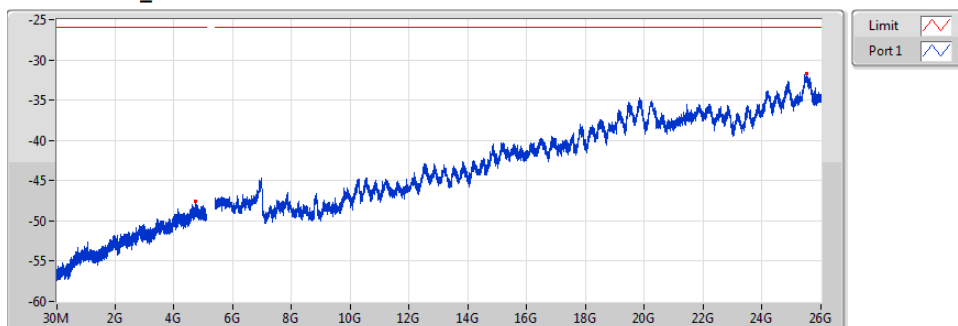


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5027.752	-47.87	-26.02	-21.85	-47.87
25485	-31.39	-26.02	-5.37	-31.39

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5270MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4755.24	-47.53	-26.02	-21.51	-47.53
25510.75	-31.65	-26.02	-5.63	-31.65



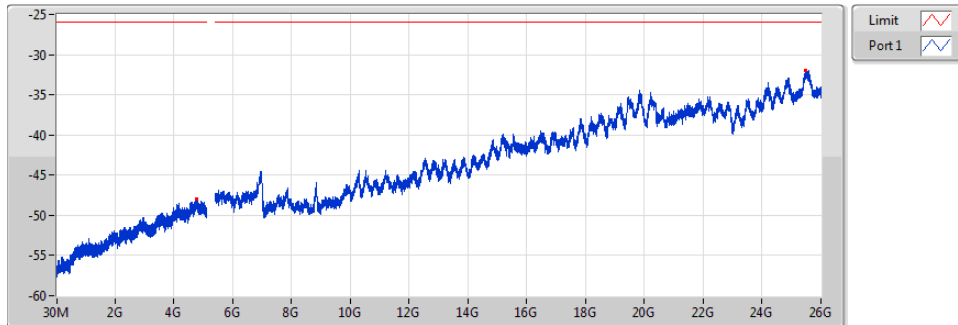
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5310MHz_TnomVnom

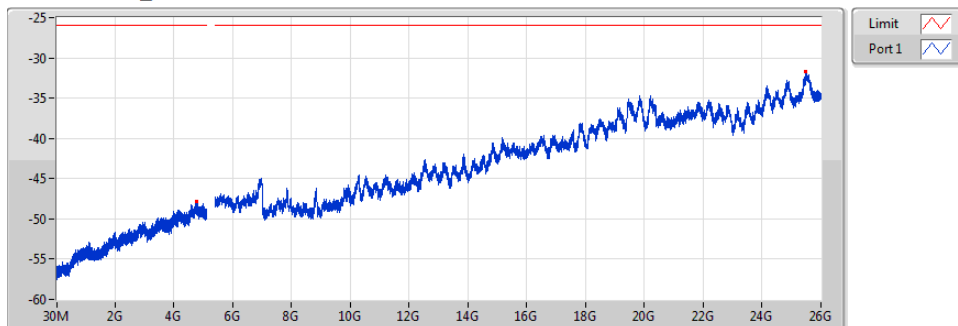


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4775.52	-47.94	-26.02	-21.92	-47.94
25490.15	-31.95	-26.02	-5.93	-31.95

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5310MHz_TnomVmin

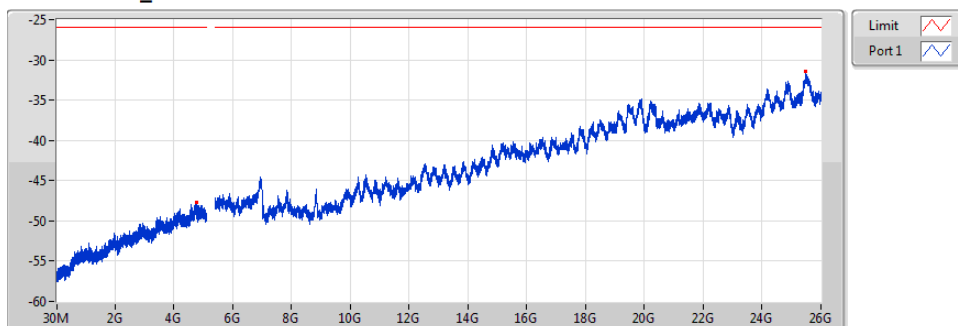


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4789.462	-47.80	-26.02	-21.78	-47.80
25492.725	-31.70	-26.02	-5.68	-31.70

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5310MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4757.775	-47.76	-26.02	-21.74	-47.76
25490.15	-31.39	-26.02	-5.37	-31.39



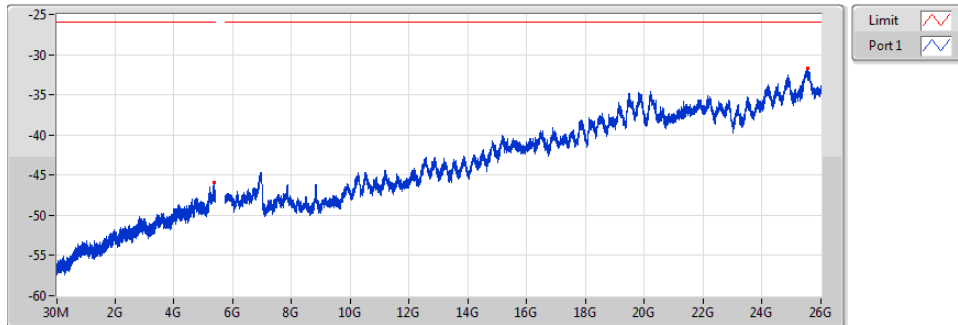
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5510MHz_TnomVnom

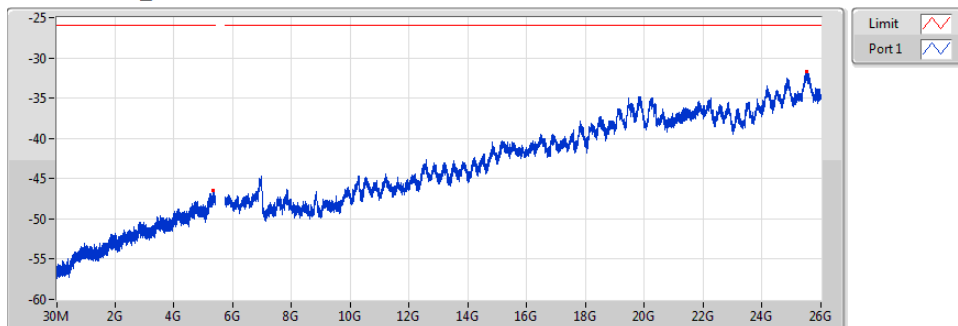


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5358.015	-45.97	-26.02	-19.95	-45.97
25552.19	-31.69	-26.02	-5.67	-31.69

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5510MHz_TnomVmin

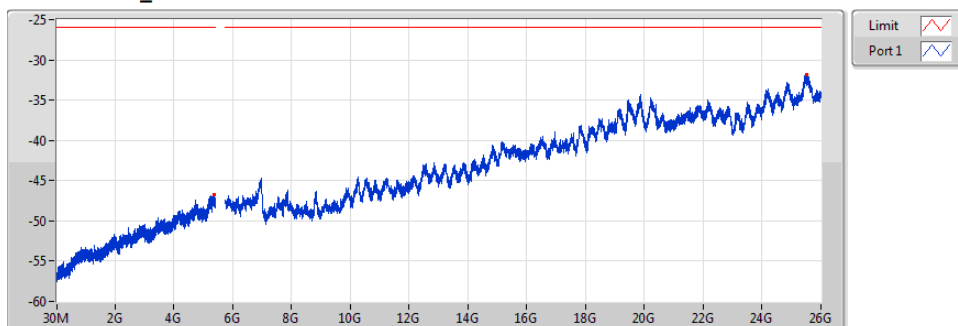


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5354.646	-46.43	-26.02	-20.41	-46.43
25519.3	-31.73	-26.02	-5.71	-31.73

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5510MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5377.554	-46.68	-26.02	-20.66	-46.68
25514.24	-31.86	-26.02	-5.84	-31.86



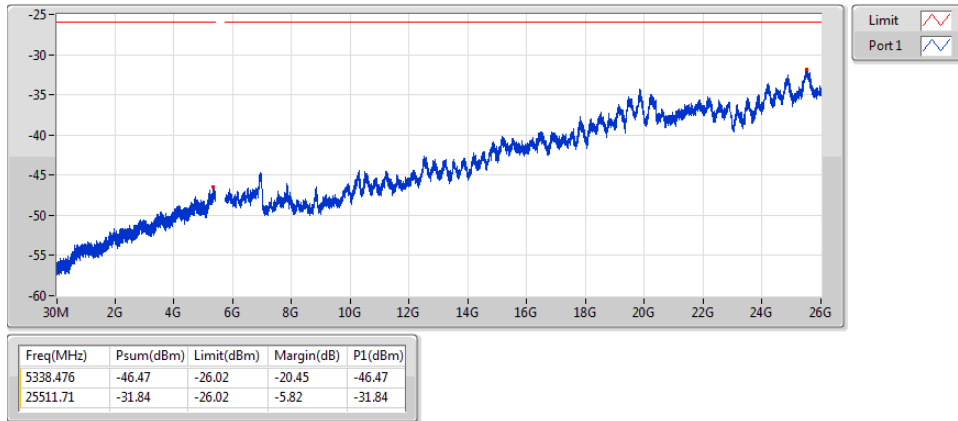
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

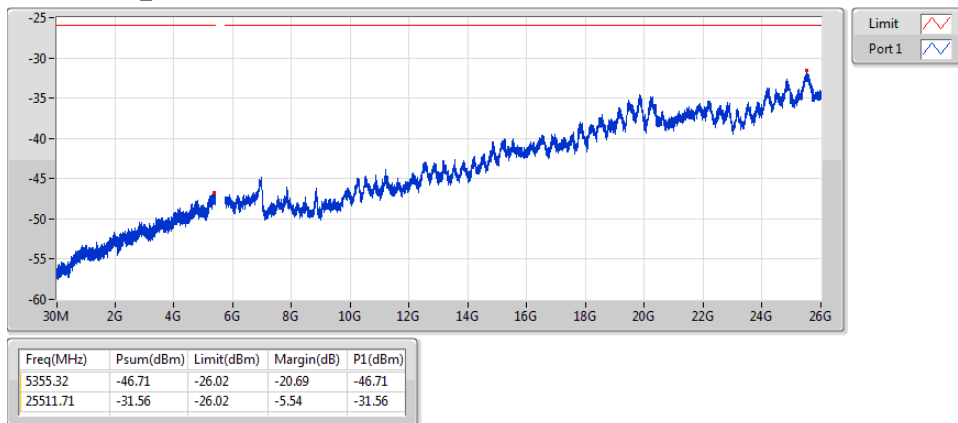
5590MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

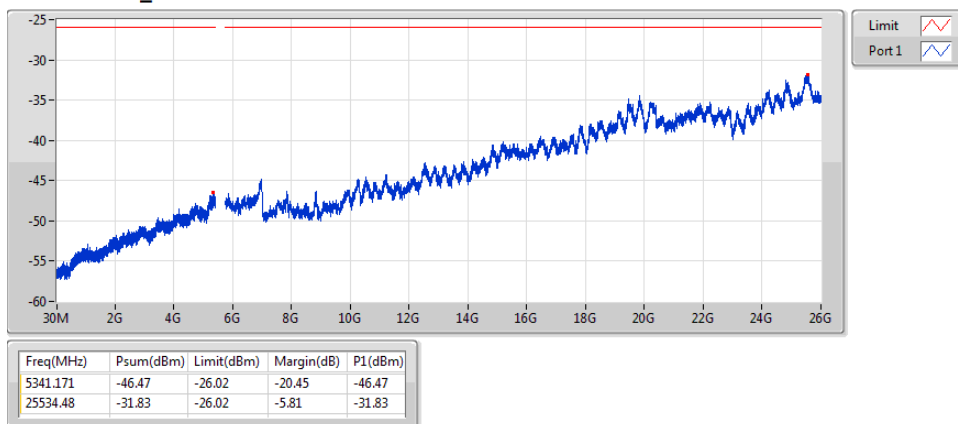
5590MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5590MHz_TnomVmax





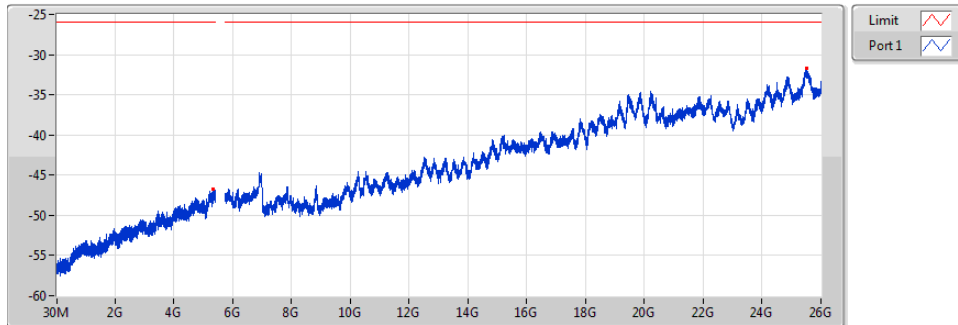
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5670MHz_TnomVnom

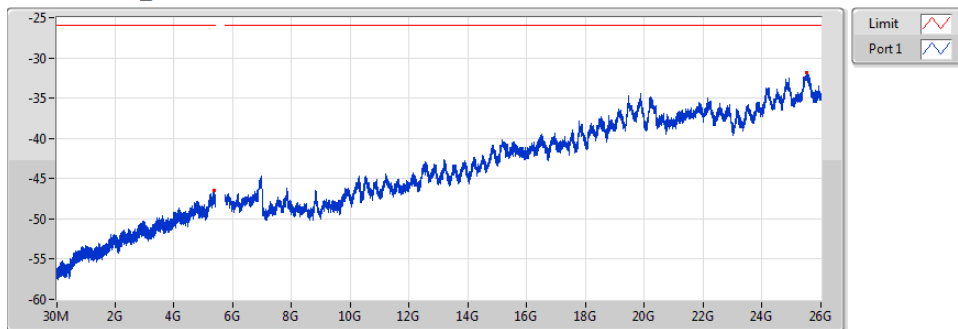


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5347.909	-46.77	-26.02	-20.75	-46.77
25504.12	-31.73	-26.02	-5.71	-31.73

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5670MHz_TnomVmin

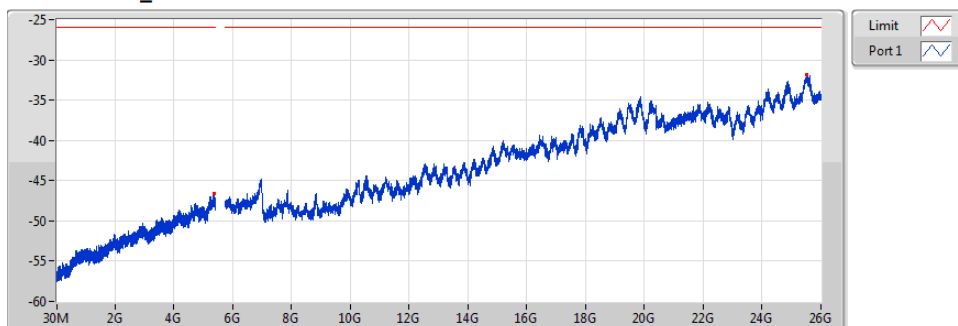


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5360.036	-46.52	-26.02	-20.50	-46.52
25514.24	-31.83	-26.02	-5.81	-31.83

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX

5670MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
5386.312	-46.54	-26.02	-20.52	-46.54
25499.06	-31.86	-26.02	-5.84	-31.86



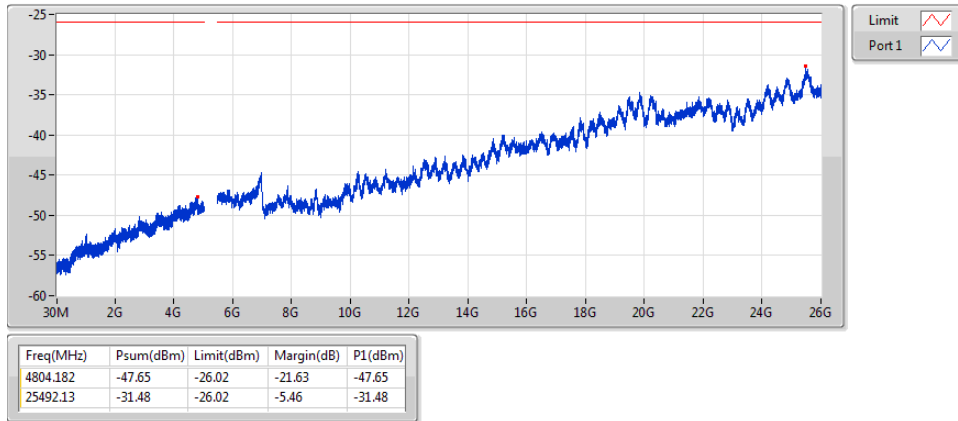
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

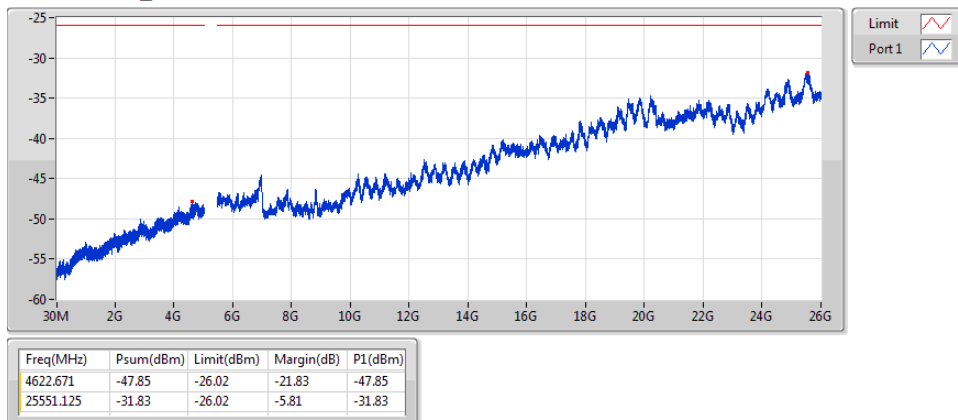
5210MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

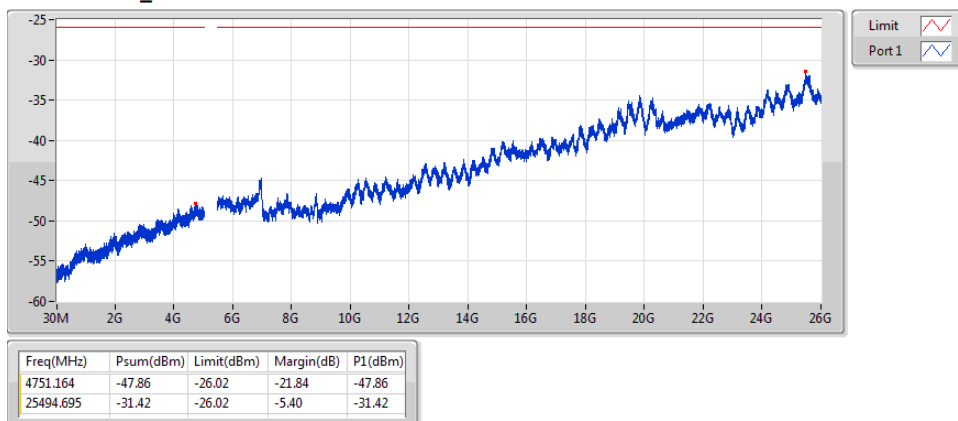
5210MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

5210MHz_TnomVmax





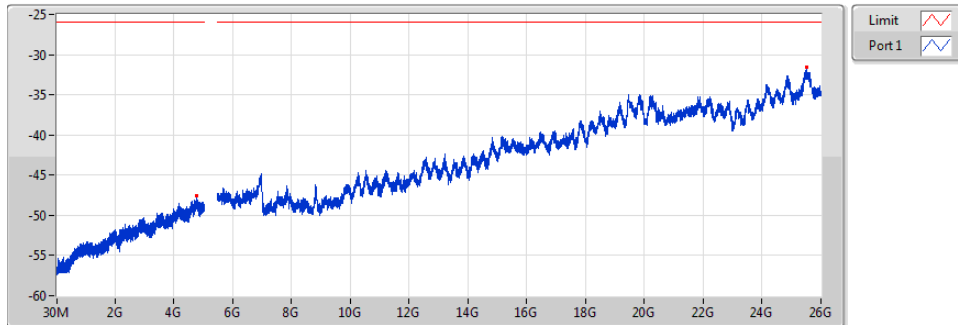
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

5290MHz_TnomVnom

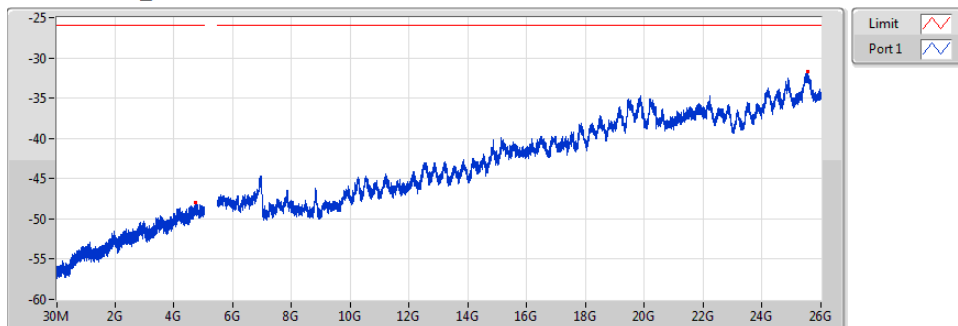


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4767.381	-47.61	-26.02	-21.59	-47.61
25497.26	-31.61	-26.02	-5.59	-31.61

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

5290MHz_TnomVmin

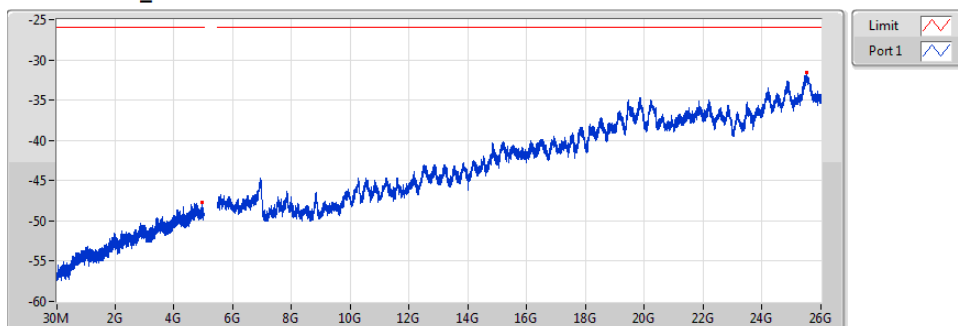


Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4741.184	-47.93	-26.02	-21.91	-47.93
25533.17	-31.66	-26.02	-5.64	-31.66

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

5290MHz_TnomVmax



Freq(MHz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
4955.13	-47.69	-26.02	-21.67	-47.69
25512.65	-31.63	-26.02	-5.61	-31.63



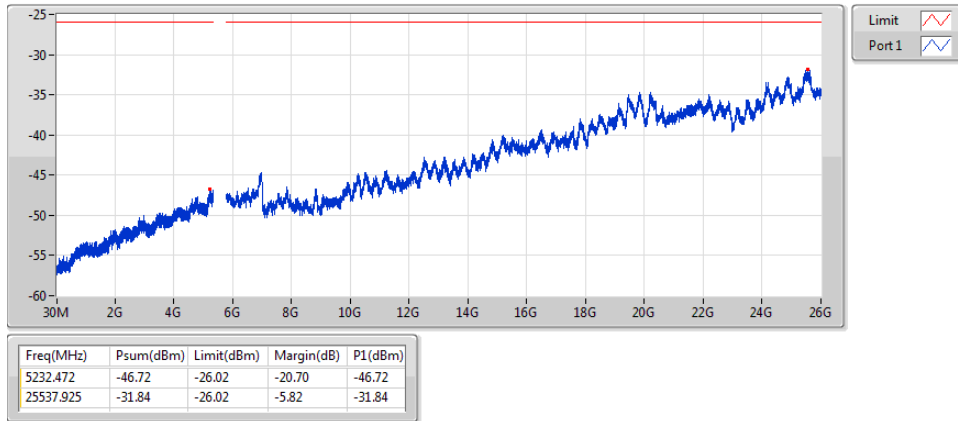
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

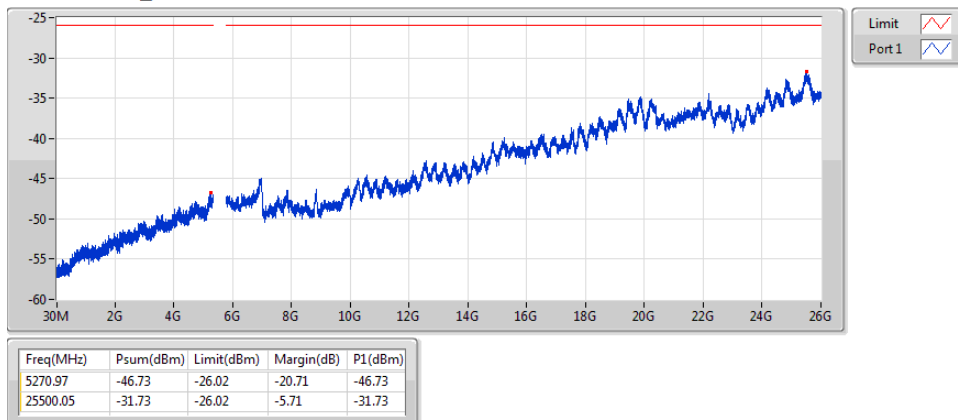
5530MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

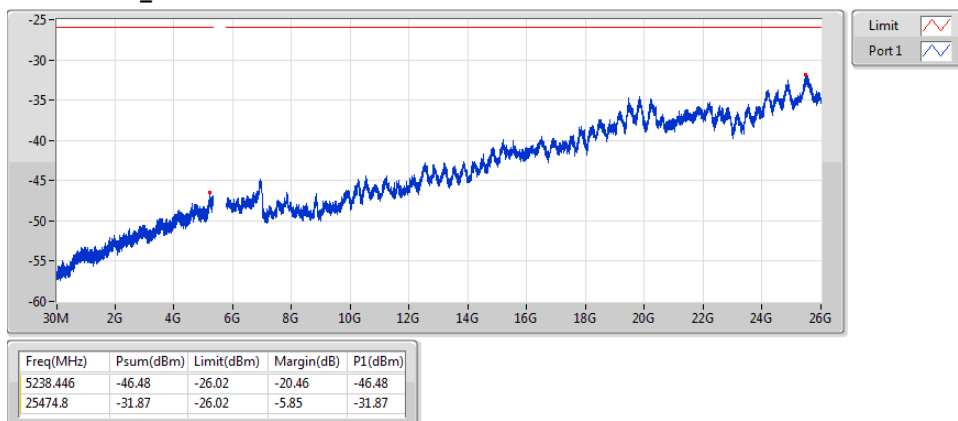
5530MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

5530MHz_TnomVmax





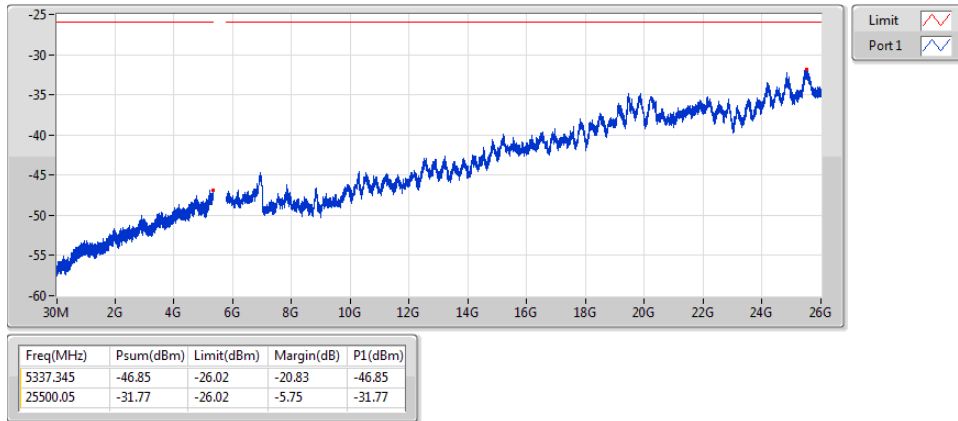
CSE-TX Unwanted Emission Strength Result

Appendix D

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

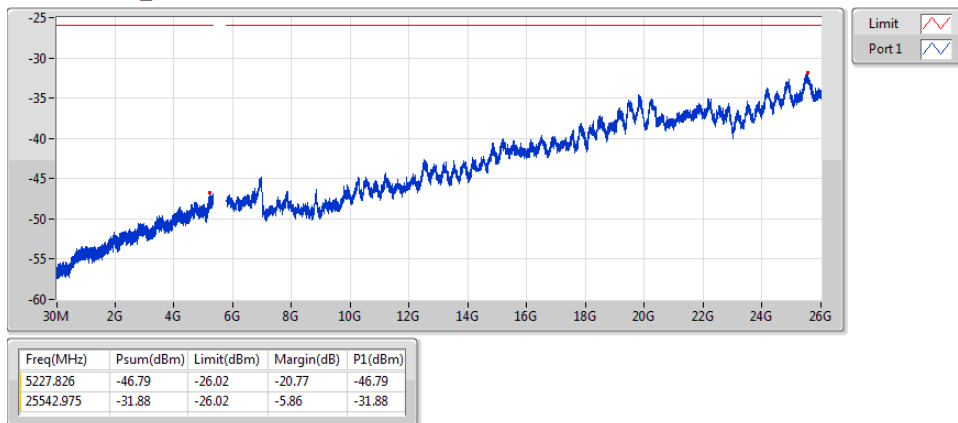
5610MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

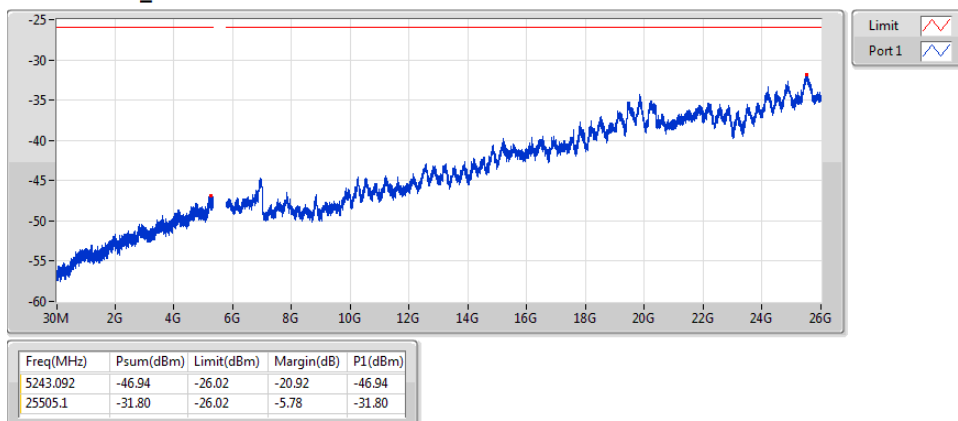
5610MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX

5610MHz_TnomVmax





Adjacent Channel Leakage Power Result

Appendix E

Summary

Mode	Result	-Adj Ch (dB/dBm)	+Adj Ch (dB/dBm)	Limit (dB/dBm)	-Alt Ch (dB/dBm)	+Alt Ch (dB/dBm)	Limit (dB/dBm)	Port
5.15-5.25GHz	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	38.73	35.86	25	51.47	50.57	40	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	35.95	36.83	25	51.89	51.38	40	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	39.15	42.89	25	48.22	47.07	40	1
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	36.59	37.41	25	51.77	51.32	40	1
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	39.46	43.10	25	48.20	47.05	40	1
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	38.34	41.03	25	-	-	-	1
5.25-5.35GHz	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	33.93	32.96	25	48.49	48.06	40	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	33.07	33.41	25	48.04	47.89	40	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	33.58	33.92	25	46.77	46.14	40	1
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	33.04	33.42	25	48.07	47.89	40	1
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	33.52	33.92	25	46.83	46.22	40	1
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	33.39	33.78	25	-	-	-	1
5.47-5.725GHz	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	31.54	31.07	25	48.54	49.16	40	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	32.68	33.34	25	47.57	48.18	40	1
802.11n HT40_Nss1,(MCS0)_1TX	Pass	33.99	34.51	25	46.34	45.68	40	1
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	32.63	33.27	25	47.56	48.16	40	1
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	33.97	34.50	25	46.52	45.84	40	1
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	32.39	33.85	25	-	-	-	1



Adjacent Channel Leakage Power Result

Appendix E

Result

Mode	Result	-Adj Ch (dB/dBm)	+Adj Ch (dB/dBm)	Limit (dB/dBm)	-Alt Ch (dB/dBm)	+Alt Ch (dB/dBm)	Limit (dB/dBm)	Port
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	38.54	35.87	25	51.46	50.58	40	1
5180MHz_TnomVmin	Pass	38.74	36.31	25	51.50	50.60	40	1
5180MHz_TnomVmax	Pass	38.73	35.86	25	51.47	50.57	40	1
5240MHz_TnomVnom	Pass	36.38	37.82	25	51.58	51.03	40	1
5240MHz_TnomVmin	Pass	36.38	37.80	25	51.56	51.01	40	1
5240MHz_TnomVmax	Pass	36.40	37.84	25	51.58	51.03	40	1
5260MHz_TnomVnom	Pass	33.93	32.96	25	48.49	48.06	40	1
5260MHz_TnomVmin	Pass	33.93	32.97	25	48.49	48.08	40	1
5260MHz_TnomVmax	Pass	33.93	32.97	25	48.49	48.06	40	1
5320MHz_TnomVnom	Pass	34.27	33.39	25	48.51	48.23	40	1
5320MHz_TnomVmin	Pass	34.26	33.39	25	48.50	48.21	40	1
5320MHz_TnomVmax	Pass	34.27	33.39	25	48.51	48.22	40	1
5500MHz_TnomVnom	Pass	32.14	31.56	25	47.29	47.78	40	1
5500MHz_TnomVmin	Pass	32.14	31.56	25	47.29	47.79	40	1
5500MHz_TnomVmax	Pass	32.14	31.56	25	47.29	47.78	40	1
5600MHz_TnomVnom	Pass	32.30	31.33	25	47.73	47.78	40	1
5600MHz_TnomVmin	Pass	32.29	31.30	25	47.72	47.79	40	1
5600MHz_TnomVmax	Pass	32.30	31.32	25	47.71	47.78	40	1
5700MHz_TnomVnom	Pass	31.54	31.07	25	48.54	49.16	40	1
5700MHz_TnomVmin	Pass	31.54	31.08	25	48.54	49.17	40	1
5700MHz_TnomVmax	Pass	31.54	31.08	25	48.55	49.17	40	1
802.11n_HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	35.95	36.83	25	51.89	51.38	40	1
5180MHz_TnomVmin	Pass	35.96	36.80	25	51.85	51.36	40	1
5180MHz_TnomVmax	Pass	35.96	36.86	25	51.89	51.38	40	1
5240MHz_TnomVnom	Pass	36.66	37.14	25	51.68	51.53	40	1
5240MHz_TnomVmin	Pass	36.65	37.12	25	51.70	51.52	40	1
5240MHz_TnomVmax	Pass	36.64	37.15	25	51.70	51.54	40	1
5260MHz_TnomVnom	Pass	33.05	33.44	25	48.07	47.92	40	1
5260MHz_TnomVmin	Pass	33.04	33.43	25	48.07	47.92	40	1
5260MHz_TnomVmax	Pass	33.07	33.41	25	48.04	47.89	40	1
5320MHz_TnomVnom	Pass	32.94	33.18	25	48.26	48.07	40	1
5320MHz_TnomVmin	Pass	32.93	33.19	25	48.28	48.09	40	1
5320MHz_TnomVmax	Pass	32.96	33.17	25	48.27	48.08	40	1
5500MHz_TnomVnom	Pass	32.66	33.33	25	47.58	48.17	40	1
5500MHz_TnomVmin	Pass	32.68	33.34	25	47.57	48.18	40	1
5500MHz_TnomVmax	Pass	32.67	33.31	25	47.57	48.18	40	1
5600MHz_TnomVnom	Pass	33.01	33.24	25	48.33	48.40	40	1
5600MHz_TnomVmin	Pass	33.01	33.28	25	48.35	48.41	40	1
5600MHz_TnomVmax	Pass	33.00	33.23	25	48.36	48.41	40	1



Adjacent Channel Leakage Power Result

Appendix E

Mode	Result	-Adj Ch (dB/dBm)	+Adj Ch (dB/dBm)	Limit (dB/dBm)	-Alt Ch (dB/dBm)	+Alt Ch (dB/dBm)	Limit (dB/dBm)	Port
5700MHz_TnomVnom	Pass	32.73	32.94	25	49.21	49.54	40	1
5700MHz_TnomVmin	Pass	32.72	32.96	25	49.23	49.54	40	1
5700MHz_TnomVmax	Pass	32.74	32.96	25	49.22	49.55	40	1
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	39.15	42.89	25	48.22	47.07	40	1
5190MHz_TnomVmin	Pass	39.14	42.89	25	48.25	47.10	40	1
5190MHz_TnomVmax	Pass	39.12	42.90	25	48.21	47.07	40	1
5230MHz_TnomVnom	Pass	39.67	43.29	25	48.11	47.27	40	1
5230MHz_TnomVmin	Pass	39.67	43.29	25	48.15	47.28	40	1
5230MHz_TnomVmax	Pass	39.66	43.29	25	48.14	47.28	40	1
5270MHz_TnomVnom	Pass	33.58	33.92	25	46.77	46.14	40	1
5270MHz_TnomVmin	Pass	33.57	33.92	25	46.77	46.15	40	1
5270MHz_TnomVmax	Pass	33.56	33.91	25	46.76	46.15	40	1
5310MHz_TnomVnom	Pass	33.71	33.92	25	46.32	46.28	40	1
5310MHz_TnomVmin	Pass	33.72	33.92	25	46.33	46.28	40	1
5310MHz_TnomVmax	Pass	33.71	33.91	25	46.32	46.28	40	1
5510MHz_TnomVnom	Pass	33.17	34.17	25	46.65	46.56	40	1
5510MHz_TnomVmin	Pass	33.16	34.16	25	46.64	46.55	40	1
5510MHz_TnomVmax	Pass	33.16	34.16	25	46.62	46.55	40	1
5590MHz_TnomVnom	Pass	33.99	34.51	25	46.35	45.69	40	1
5590MHz_TnomVmin	Pass	33.99	34.51	25	46.34	45.68	40	1
5590MHz_TnomVmax	Pass	33.98	34.53	25	46.33	45.69	40	1
5670MHz_TnomVnom	Pass	35.30	35.18	25	46.58	46.02	40	1
5670MHz_TnomVmin	Pass	35.30	35.17	25	46.57	46.02	40	1
5670MHz_TnomVmax	Pass	35.30	35.17	25	46.58	46.01	40	1
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	36.61	37.41	25	51.77	51.33	40	1
5180MHz_TnomVmin	Pass	36.59	37.41	25	51.77	51.32	40	1
5180MHz_TnomVmax	Pass	36.58	37.39	25	51.80	51.34	40	1
5240MHz_TnomVnom	Pass	36.84	37.36	25	51.78	51.60	40	1
5240MHz_TnomVmin	Pass	36.90	37.31	25	51.77	51.63	40	1
5240MHz_TnomVmax	Pass	36.90	37.32	25	51.78	51.62	40	1
5260MHz_TnomVnom	Pass	33.04	33.42	25	48.07	47.89	40	1
5260MHz_TnomVmin	Pass	33.04	33.40	25	48.06	47.91	40	1
5260MHz_TnomVmax	Pass	33.05	33.41	25	48.09	47.94	40	1
5320MHz_TnomVnom	Pass	32.93	33.19	25	48.25	48.05	40	1
5320MHz_TnomVmin	Pass	32.92	33.18	25	48.27	48.05	40	1
5320MHz_TnomVmax	Pass	32.94	33.15	25	48.24	48.06	40	1
5500MHz_TnomVnom	Pass	32.63	33.27	25	47.56	48.16	40	1
5500MHz_TnomVmin	Pass	32.64	33.27	25	47.56	48.17	40	1
5500MHz_TnomVmax	Pass	32.63	33.30	25	47.57	48.17	40	1



Adjacent Channel Leakage Power Result

Appendix E

Mode	Result	-Adj Ch (dB/dBm)	+Adj Ch (dB/dBm)	Limit (dB/dBm)	-Alt Ch (dB/dBm)	+Alt Ch (dB/dBm)	Limit (dB/dBm)	Port
5600MHz_TnomVnom	Pass	32.98	33.24	25	48.36	48.39	40	1
5600MHz_TnomVmin	Pass	32.97	33.24	25	48.36	48.39	40	1
5600MHz_TnomVmax	Pass	32.95	33.24	25	48.36	48.40	40	1
5700MHz_TnomVnom	Pass	32.74	32.97	25	49.23	49.56	40	1
5700MHz_TnomVmin	Pass	32.72	32.99	25	49.22	49.54	40	1
5700MHz_TnomVmax	Pass	32.73	32.95	25	49.22	49.53	40	1
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	39.43	43.09	25	48.21	47.06	40	1
5190MHz_TnomVmin	Pass	39.46	43.10	25	48.20	47.05	40	1
5190MHz_TnomVmax	Pass	39.47	43.12	25	48.23	47.06	40	1
5230MHz_TnomVnom	Pass	39.59	43.17	25	48.17	47.29	40	1
5230MHz_TnomVmin	Pass	39.59	43.14	25	48.15	47.29	40	1
5230MHz_TnomVmax	Pass	39.60	43.16	25	48.15	47.28	40	1
5270MHz_TnomVnom	Pass	33.52	33.92	25	46.83	46.22	40	1
5270MHz_TnomVmin	Pass	33.52	33.91	25	46.84	46.22	40	1
5270MHz_TnomVmax	Pass	33.57	33.92	25	46.84	46.22	40	1
5310MHz_TnomVnom	Pass	33.72	33.94	25	46.39	46.34	40	1
5310MHz_TnomVmin	Pass	33.70	33.92	25	46.39	46.33	40	1
5310MHz_TnomVmax	Pass	33.70	33.92	25	46.40	46.33	40	1
5510MHz_TnomVnom	Pass	33.08	34.11	25	47.03	46.94	40	1
5510MHz_TnomVmin	Pass	33.08	34.14	25	47.02	46.93	40	1
5510MHz_TnomVmax	Pass	33.09	34.13	25	47.01	46.93	40	1
5590MHz_TnomVnom	Pass	33.97	34.50	25	46.52	45.87	40	1
5590MHz_TnomVmin	Pass	33.97	34.50	25	46.52	45.84	40	1
5590MHz_TnomVmax	Pass	33.97	34.51	25	46.51	45.84	40	1
5670MHz_TnomVnom	Pass	35.30	35.19	25	46.69	46.12	40	1
5670MHz_TnomVmin	Pass	35.32	35.17	25	46.68	46.13	40	1
5670MHz_TnomVmax	Pass	35.32	35.19	25	46.69	46.13	40	1
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	38.34	41.03	25	-	-	-	1
5210MHz_TnomVmin	Pass	38.36	41.01	25	-	-	-	1
5210MHz_TnomVmax	Pass	38.38	41.05	25	-	-	-	1
5290MHz_TnomVnom	Pass	33.40	33.80	25	-	-	-	1
5290MHz_TnomVmin	Pass	33.40	33.78	25	-	-	-	1
5290MHz_TnomVmax	Pass	33.39	33.78	25	-	-	-	1
5530MHz_TnomVnom	Pass	32.39	33.85	25	-	-	-	1
5530MHz_TnomVmin	Pass	32.40	33.87	25	-	-	-	1
5530MHz_TnomVmax	Pass	32.40	33.87	25	-	-	-	1
5610MHz_TnomVnom	Pass	33.67	33.87	25	-	-	-	1
5610MHz_TnomVmin	Pass	33.67	33.92	25	-	-	-	1



Adjacent Channel Leakage Power Result

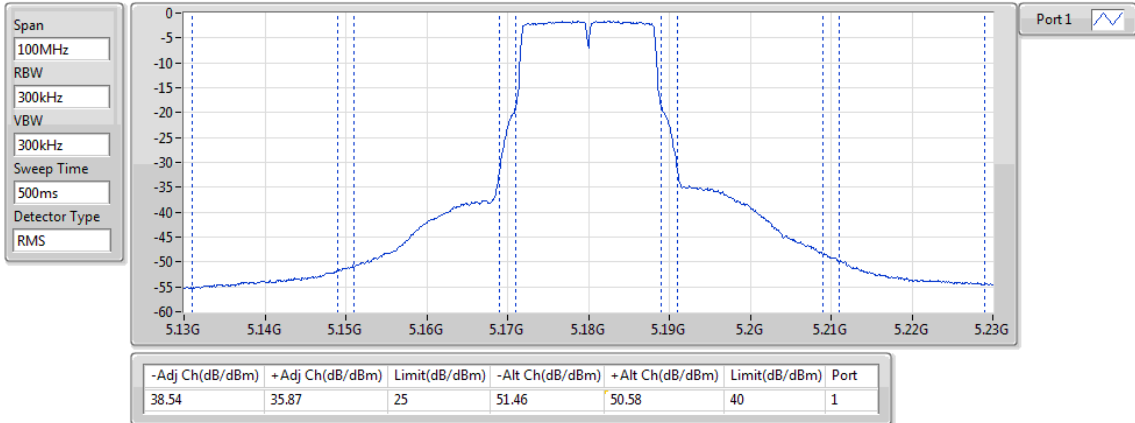
Appendix E

Mode	Result	-Adj Ch (dB/dBm)	+Adj Ch (dB/dBm)	Limit (dB/dBm)	-Alt Ch (dB/dBm)	+Alt Ch (dB/dBm)	Limit (dB/dBm)	Port
5610MHz_TnomVmax	Pass	33.71	33.89	25	-	-	-	1



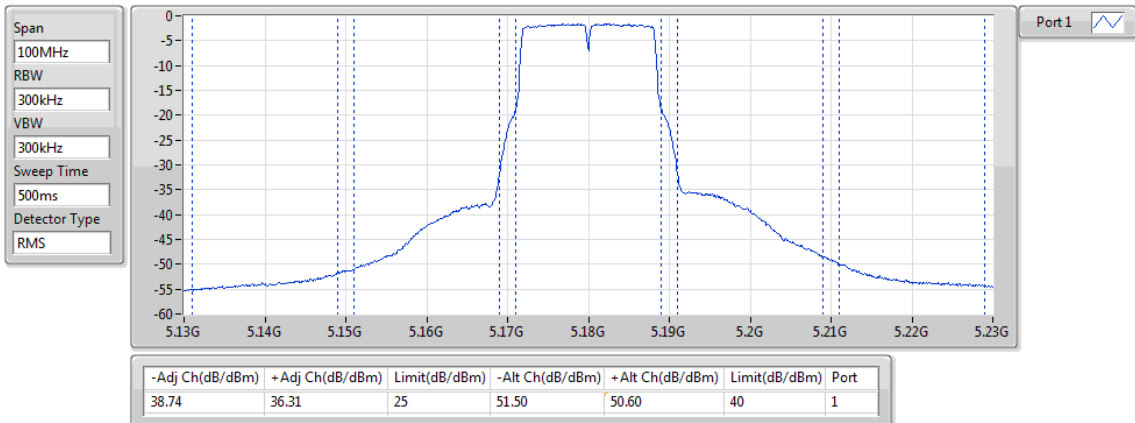
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5180MHz_TnomVnom

ACLR



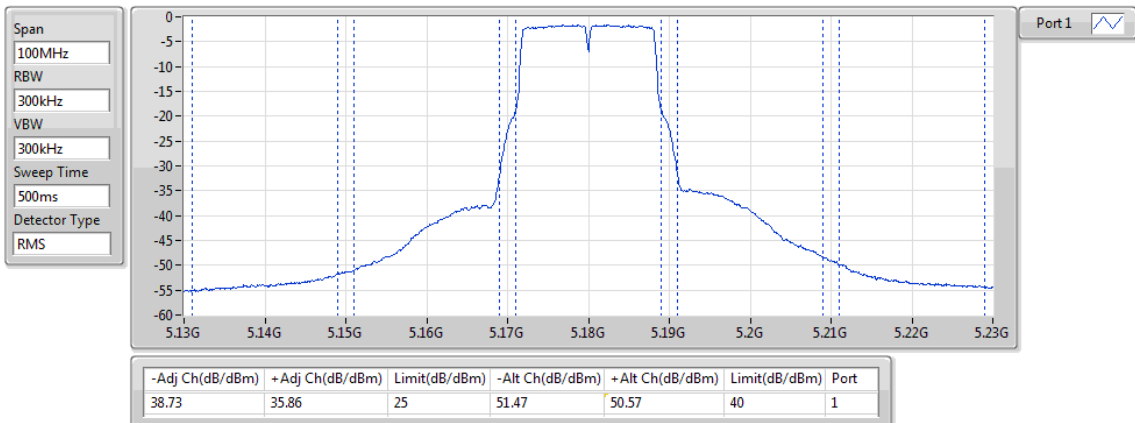
802.11a_Nss1_1TX
5180MHz_TnomVmin

ACLR



802.11a_Nss1_1TX
5180MHz_TnomVmax

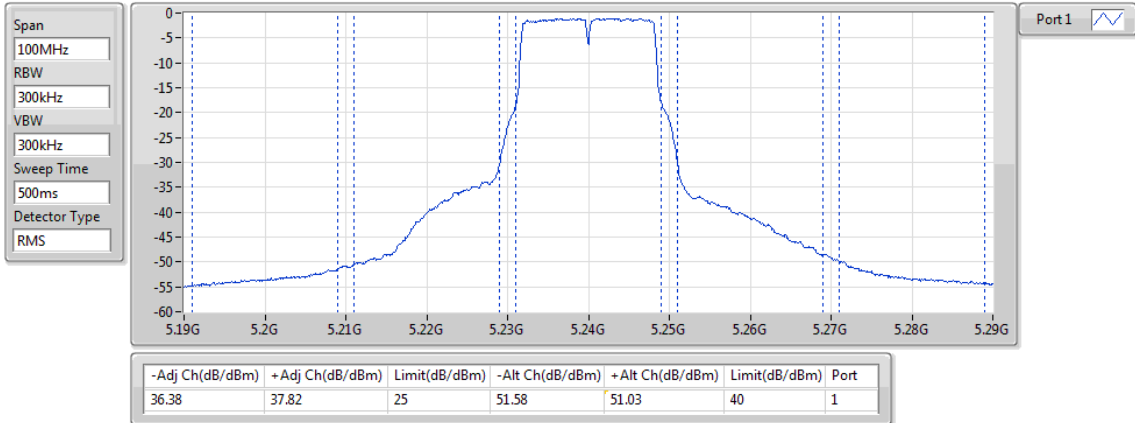
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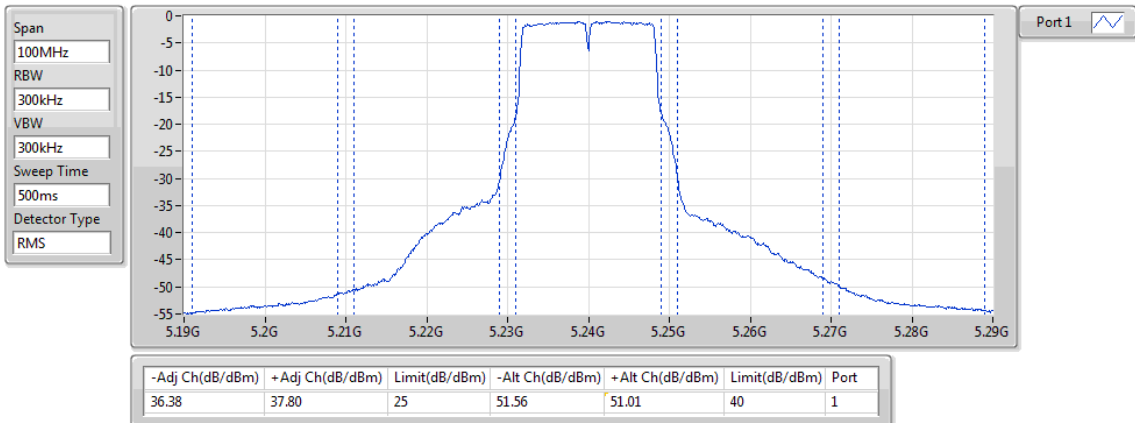
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5240MHz_TnomVnom

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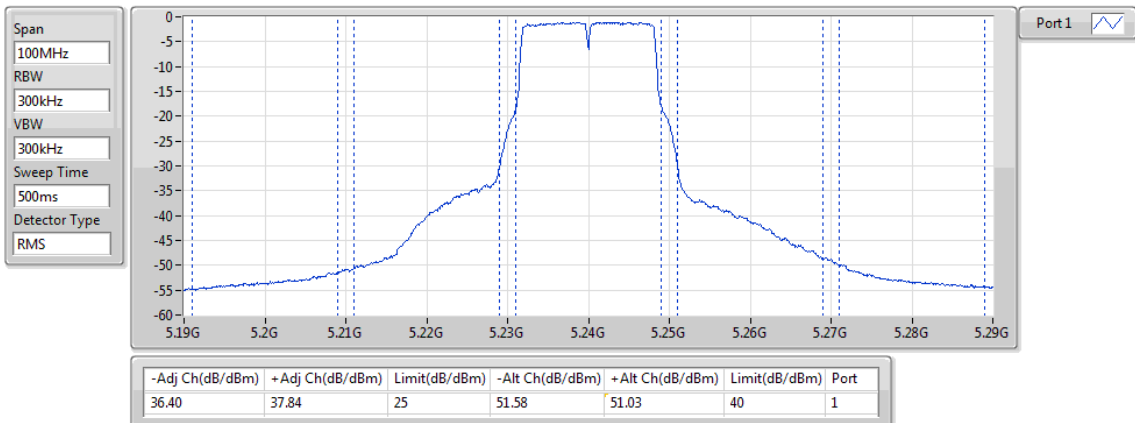
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5240MHz_TnomVmin

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802.11a_Nss1_1TX
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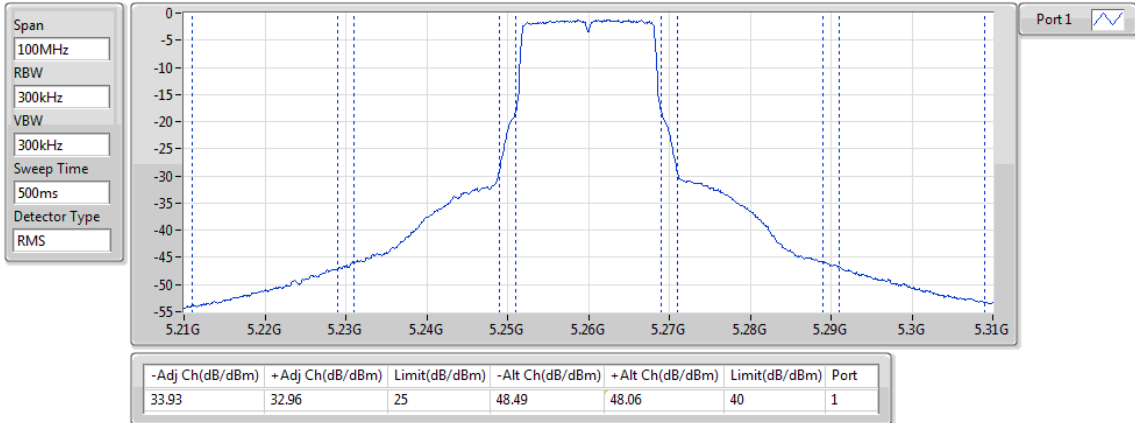
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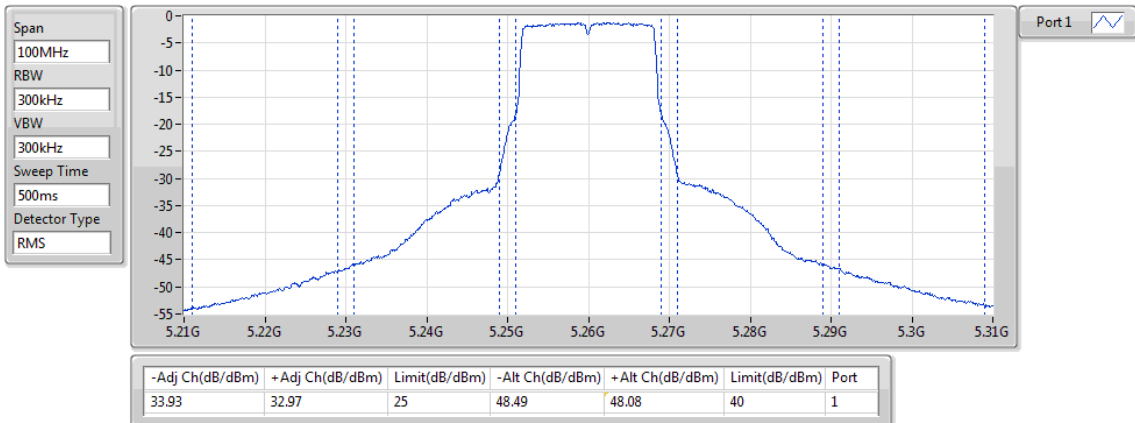
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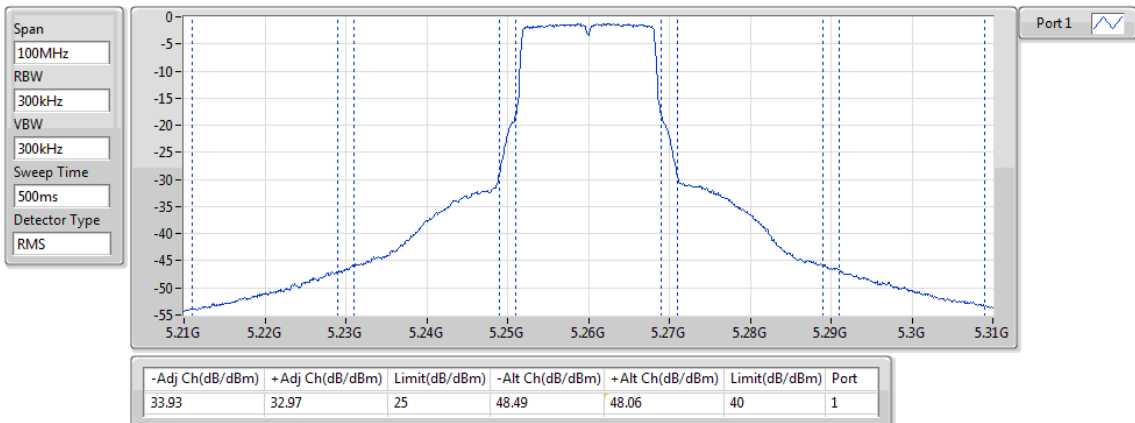
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5260MHz_TnomVmin

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802.11a_Nss1_1TX
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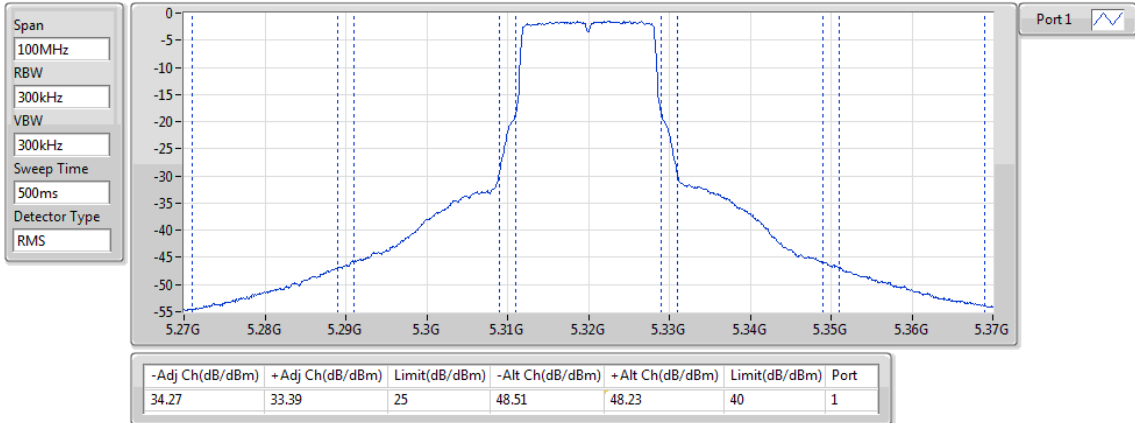
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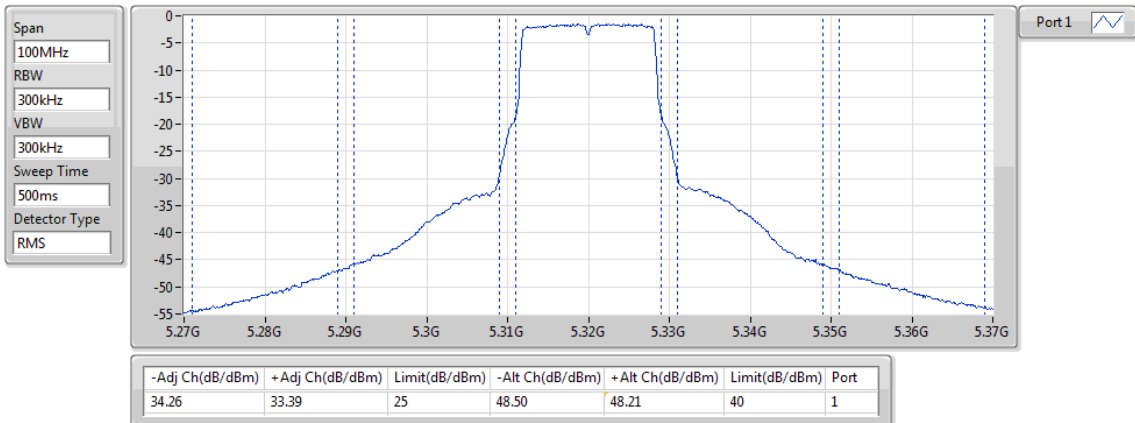
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5320MHz_TnomVnom

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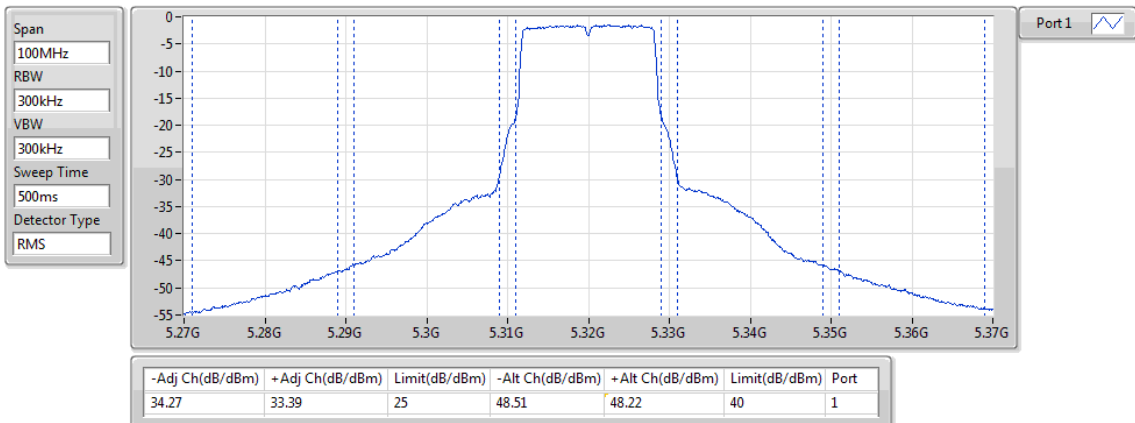
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5320MHz_TnomVmin

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802.11a_Nss1_1TX
5320MHz_TnomVmax

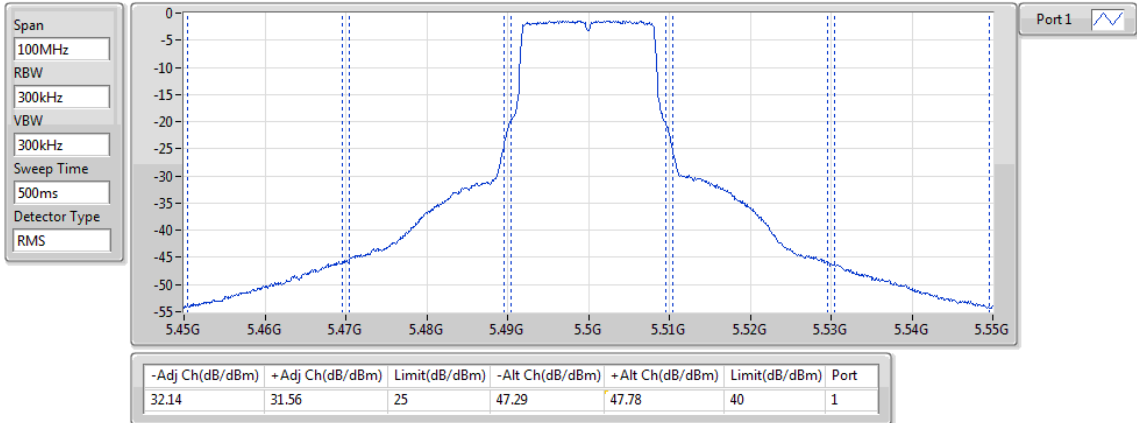
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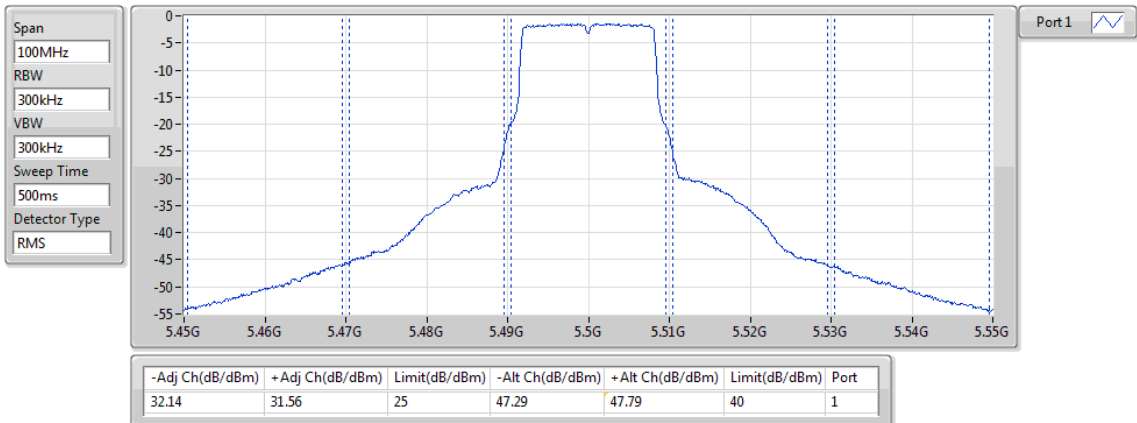
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5500MHz_TnomVnom

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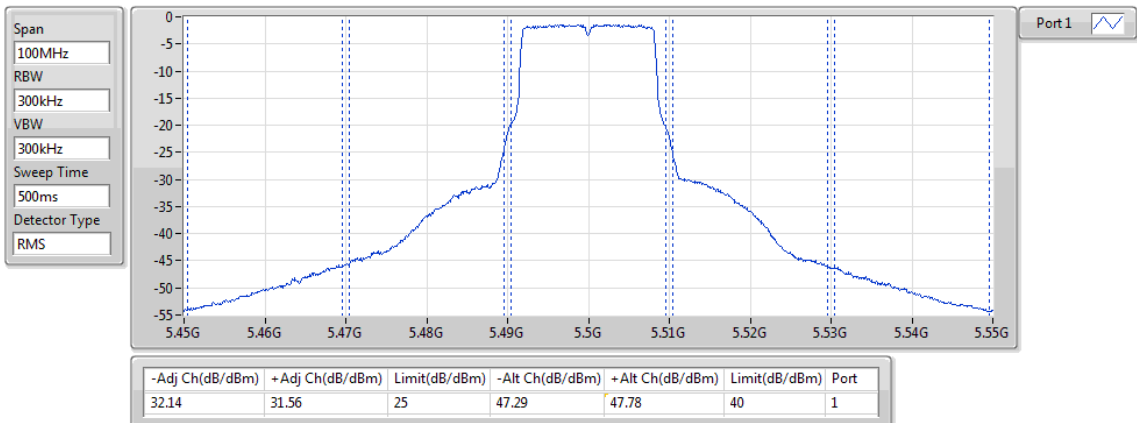
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5500MHz_TnomVmin

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802.11a_Nss1_1TX
5500MHz_TnomVmax

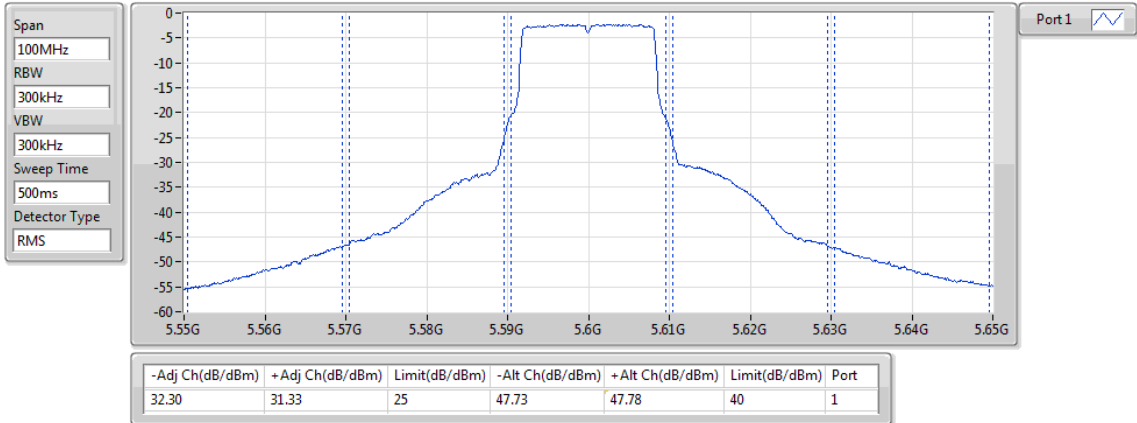
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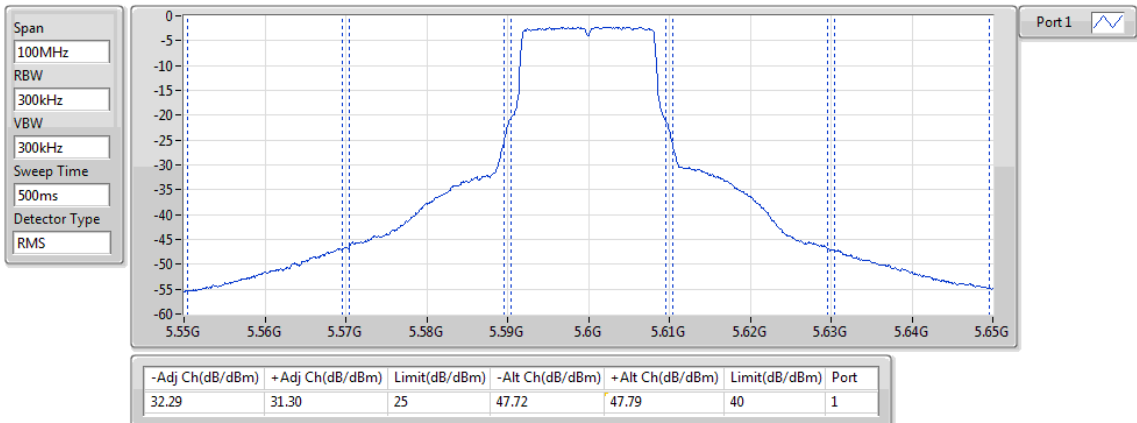
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5600MHz_TnomVnom

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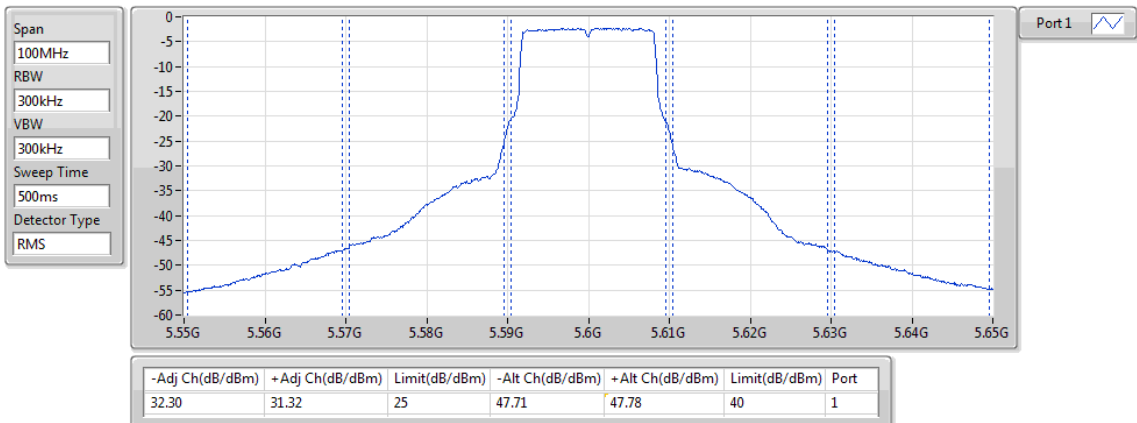
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5600MHz_TnomVmin

ACLR



802.11a_Nss1_1TX
5600MHz_TnomVmax

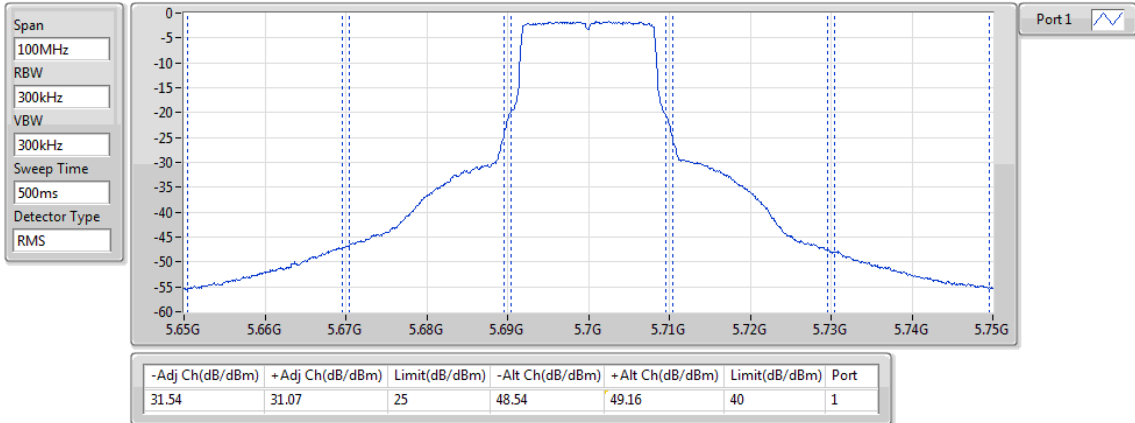
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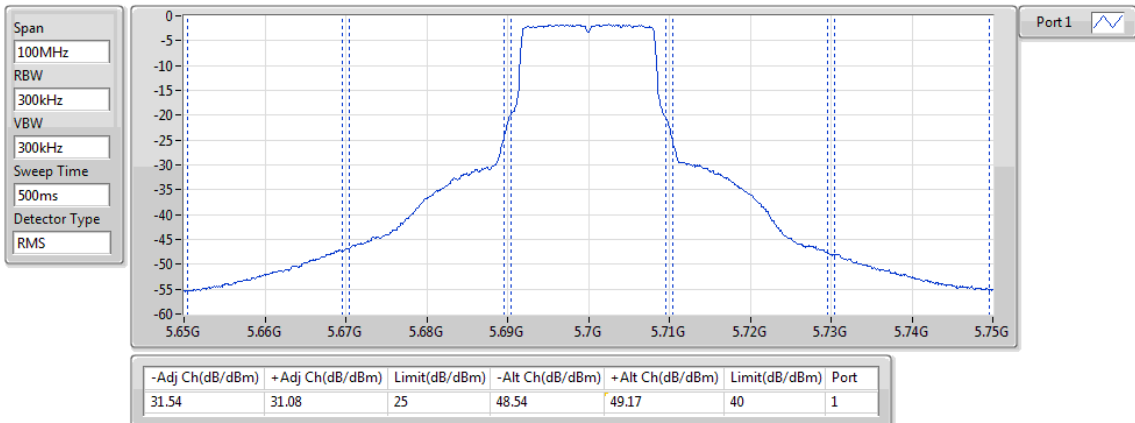
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5700MHz_TnomVnom

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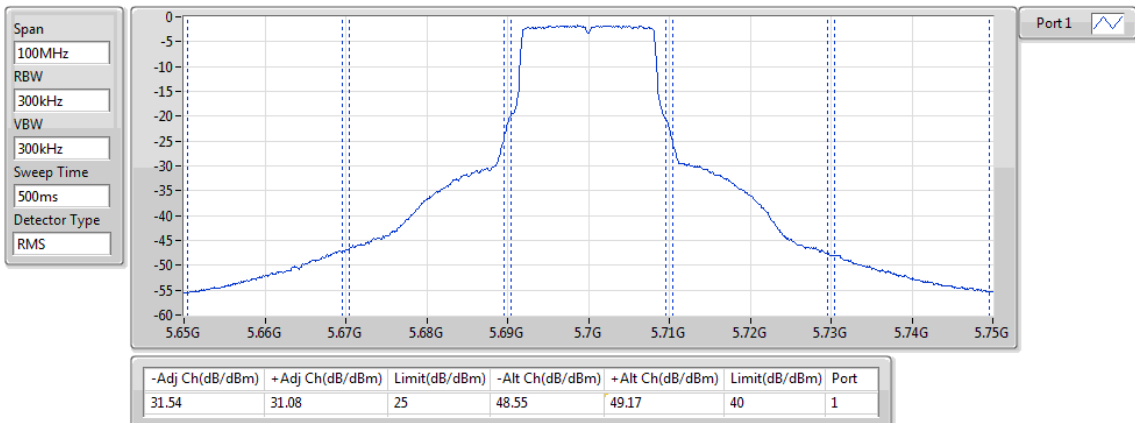
802.11a_Nss1_1TX
5700MHz_TnomVmin

ACLR



802.11a_Nss1_1TX
5700MHz_TnomVmax

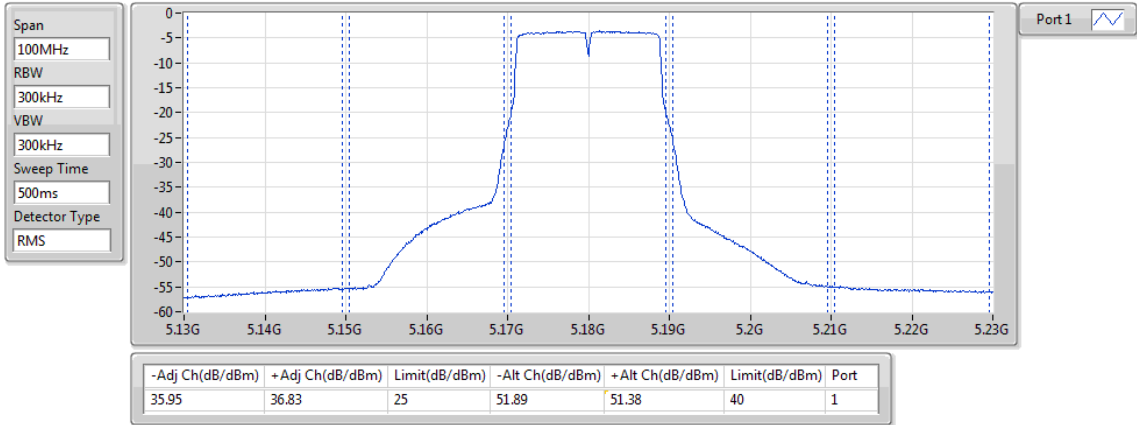
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802.11n HT20_Nss1,(MCS0)_1TX

ACLR

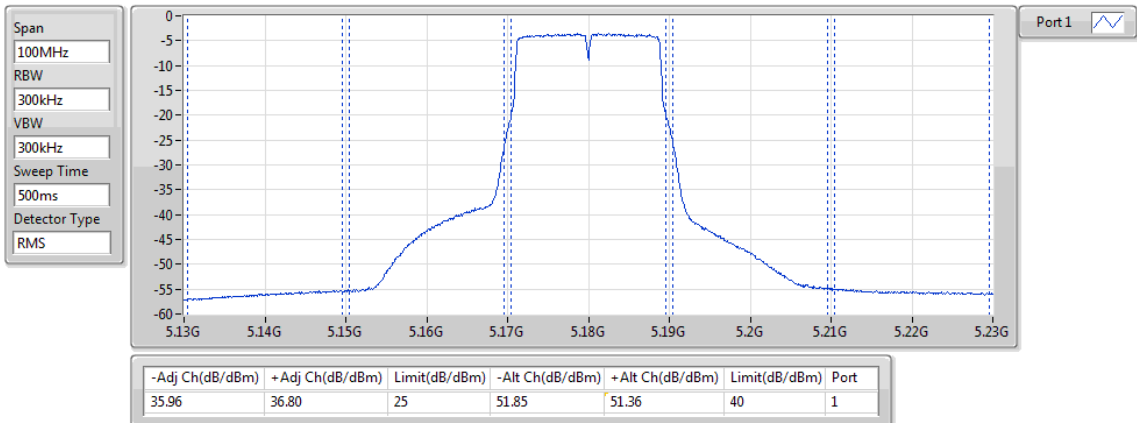
5180MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

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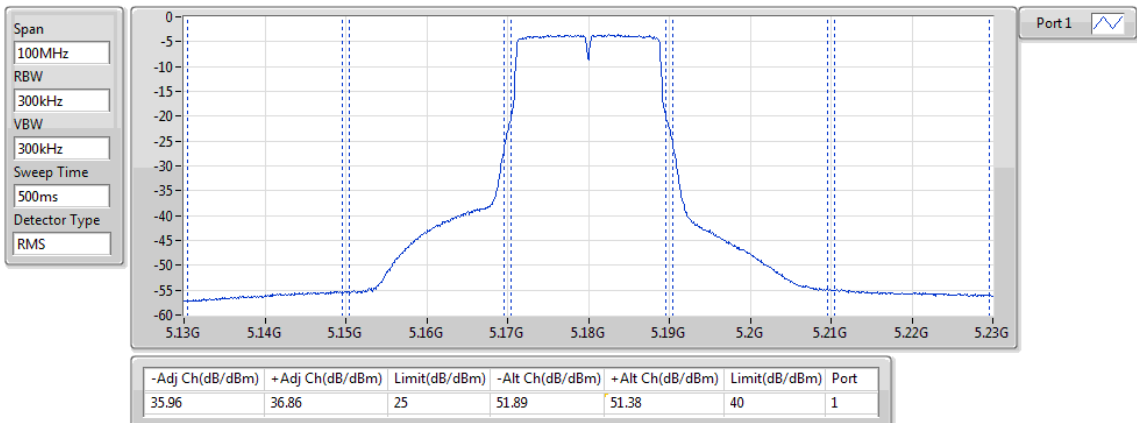
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802.11n HT20_Nss1,(MCS0)_1TX

ACLR

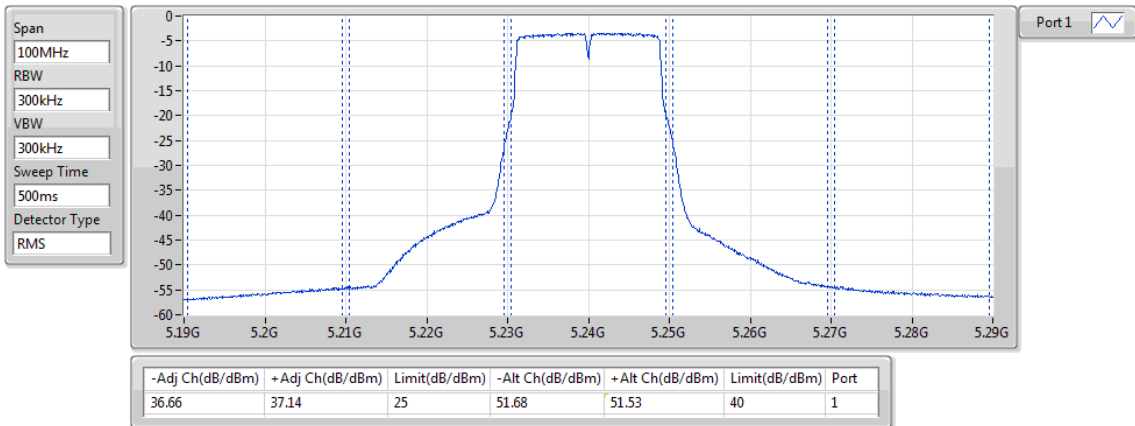
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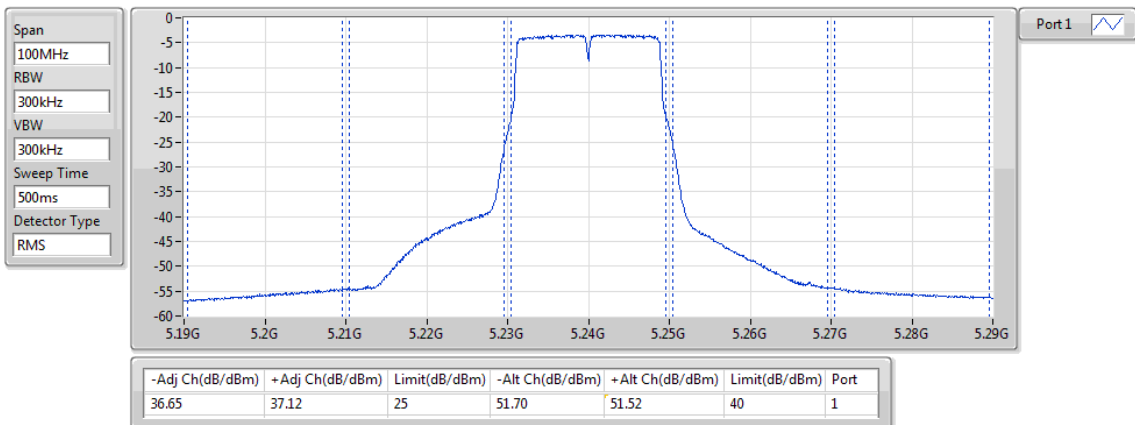
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5240MHz_TnomVnom

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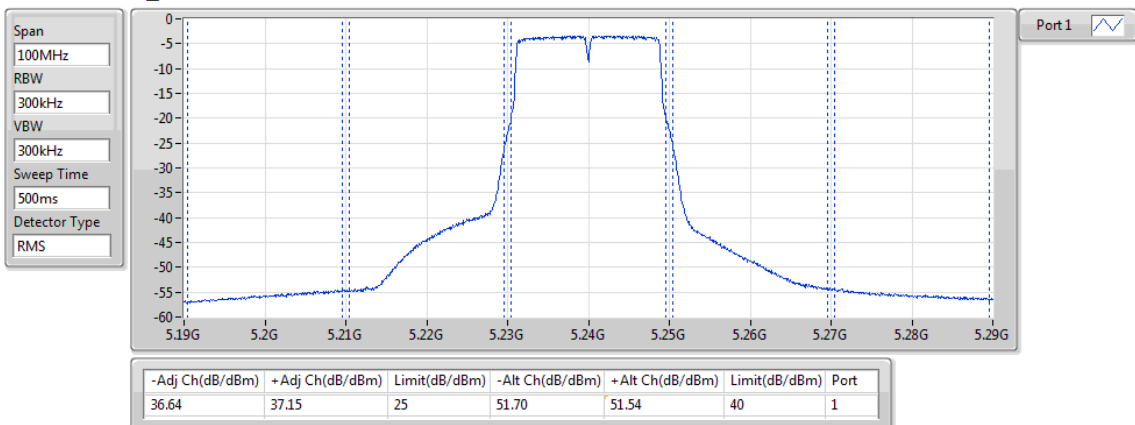
802.11n HT20_Nss1,(MCS0)_1TX
5240MHz_TnomVmin

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802.11n HT20_Nss1,(MCS0)_1TX
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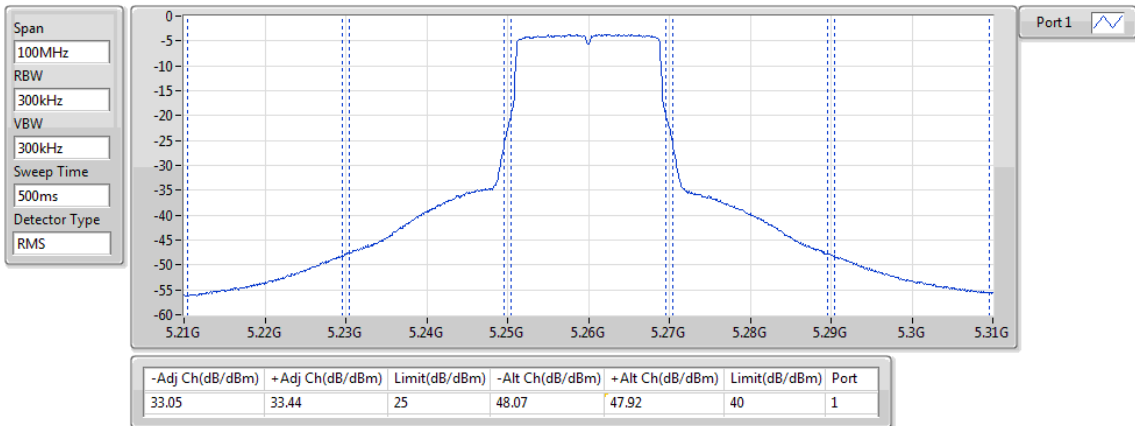
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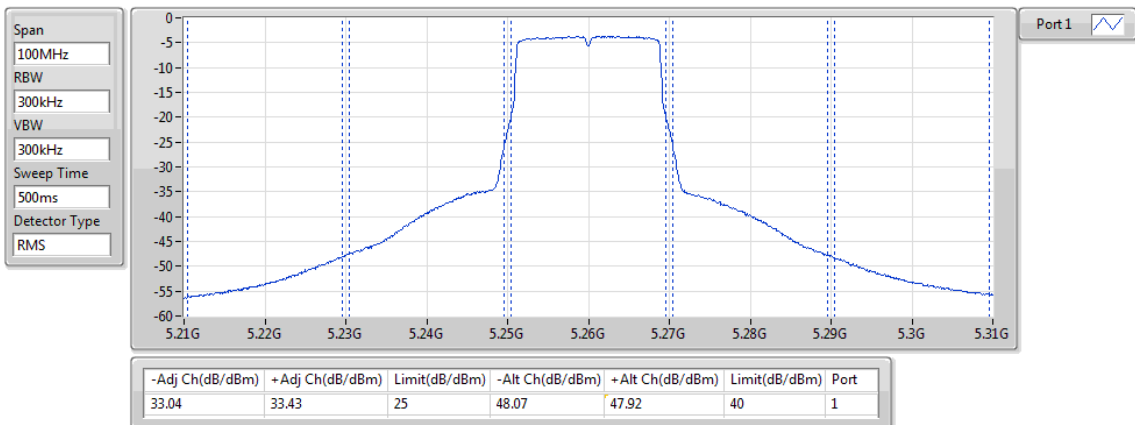
802.11n HT20_Nss1,(MCS0)_1TX
5260MHz_TnomVnom

ACLR



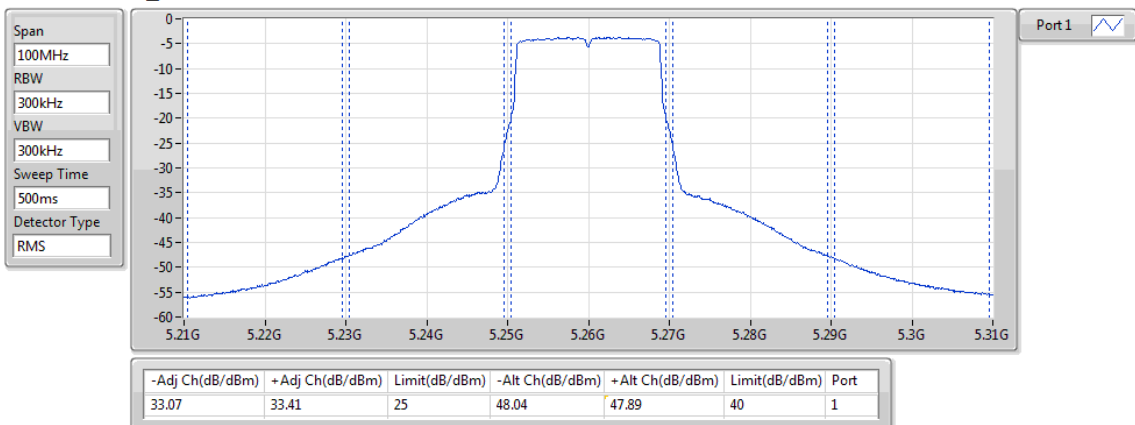
802.11n HT20_Nss1,(MCS0)_1TX
5260MHz_TnomVmin

ACLR



802.11n HT20_Nss1,(MCS0)_1TX
5260MHz_TnomVmax

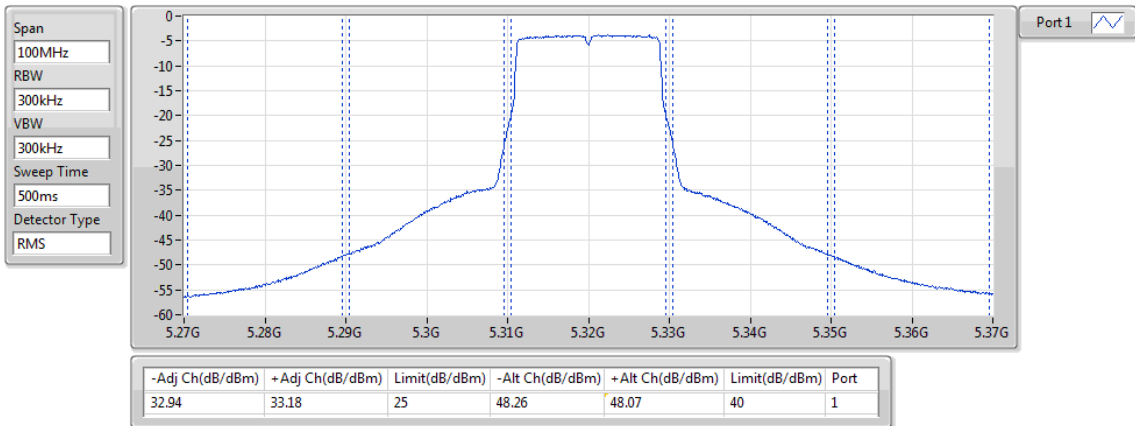
ACLR





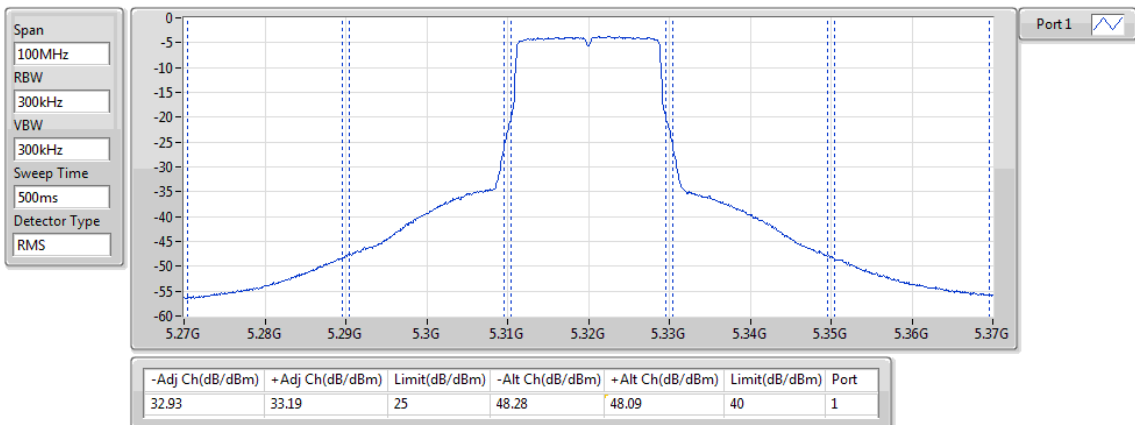
802.11n HT20_Nss1,(MCS0)_1TX
5320MHz_TnomVnom

ACLR



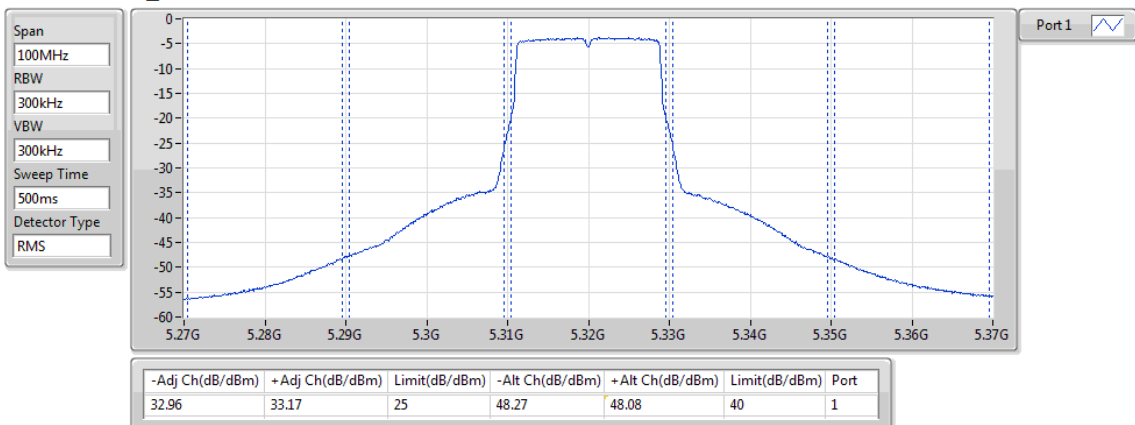
802.11n HT20_Nss1,(MCS0)_1TX
5320MHz_TnomVmin

ACLR



802.11n HT20_Nss1,(MCS0)_1TX
5320MHz_TnomVmax

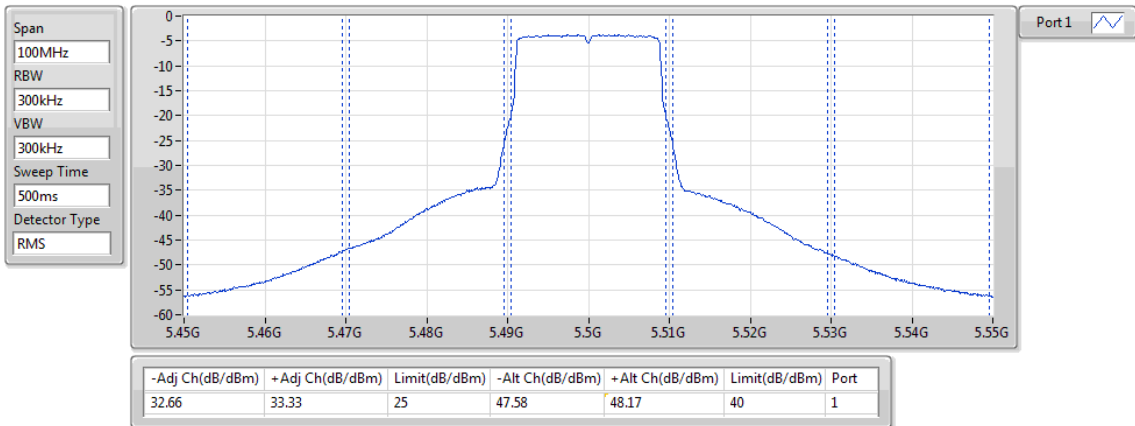
ACLR





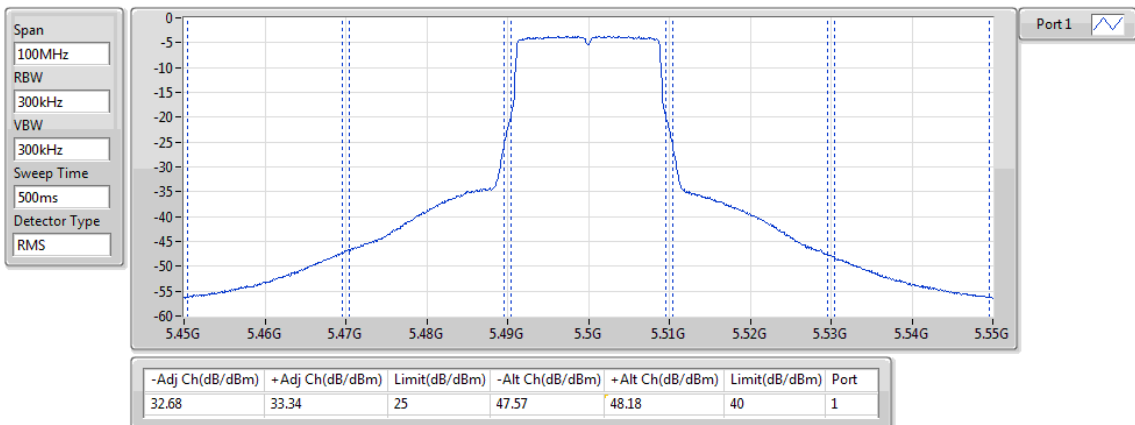
802.11n HT20_Nss1,(MCS0)_1TX
5500MHz_TnomVnom

ACLR



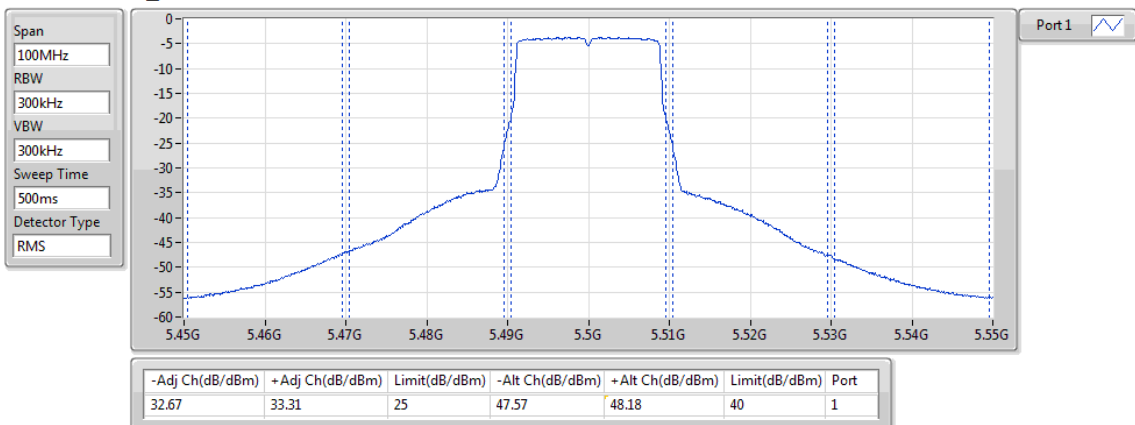
802.11n HT20_Nss1,(MCS0)_1TX
5500MHz_TnomVmin

ACLR



802.11n HT20_Nss1,(MCS0)_1TX
5500MHz_TnomVmax

ACLR

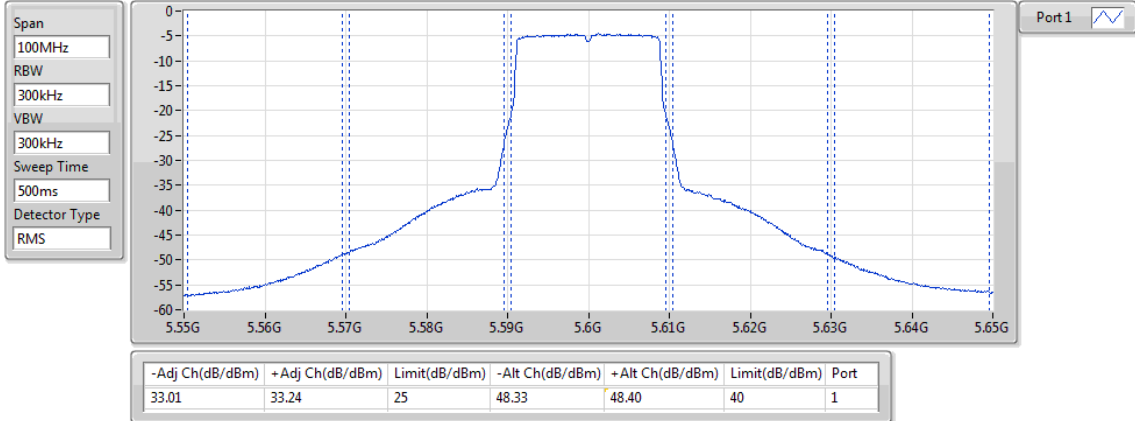




802.11n HT20_Nss1,(MCS0)_1TX

ACLR

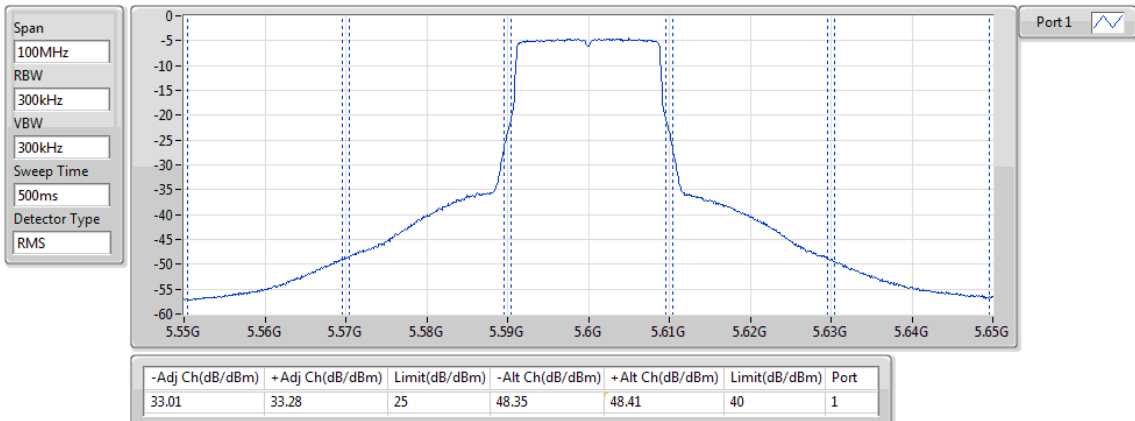
5600MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

ACLR

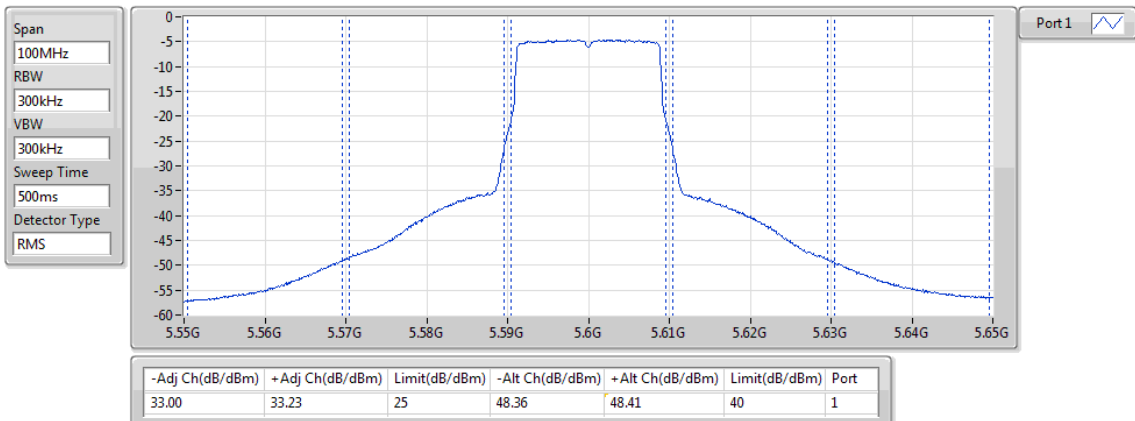
5600MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

ACLR

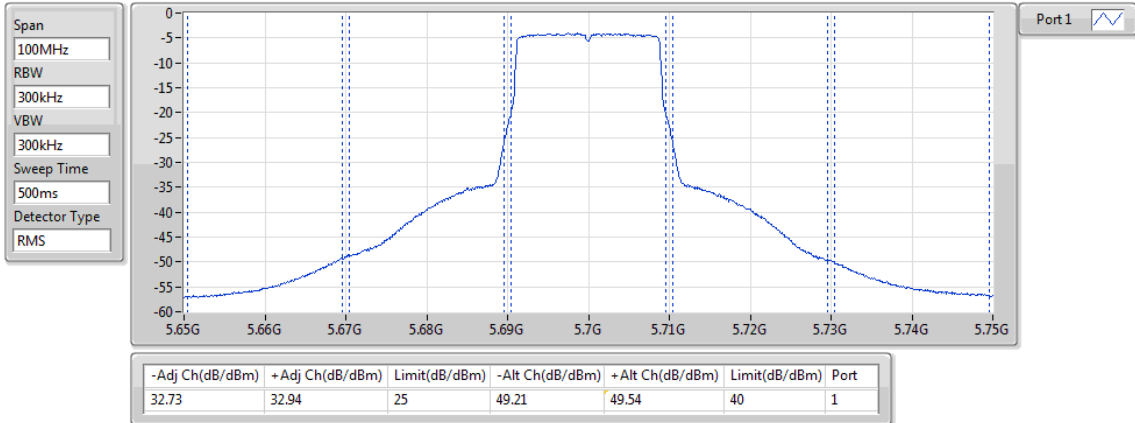
5600MHz_TnomVmax





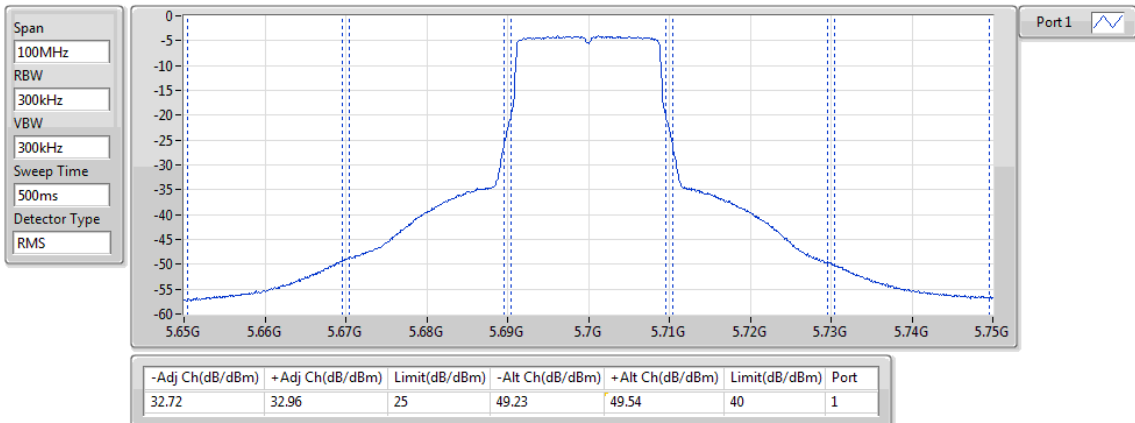
802.11n HT20_Nss1,(MCS0)_1TX
5700MHz_TnomVnom

ACLR



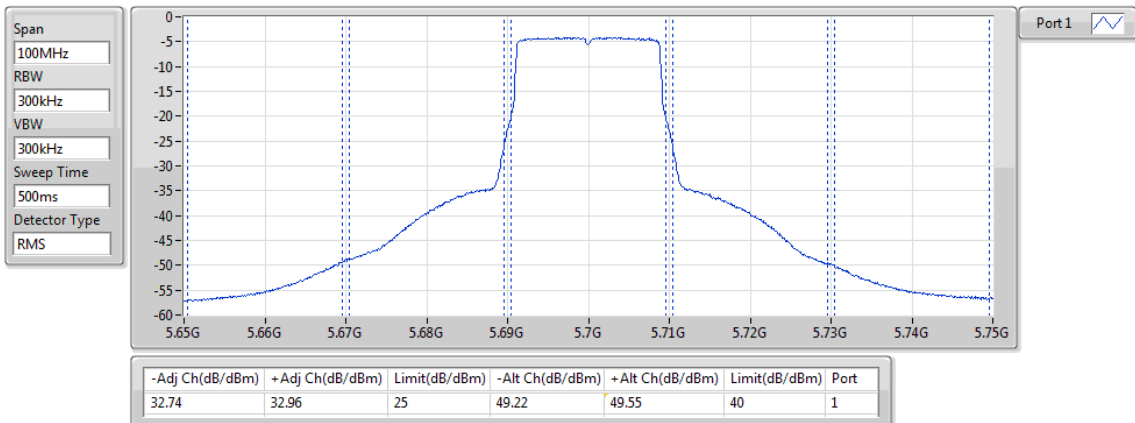
802.11n HT20_Nss1,(MCS0)_1TX
5700MHz_TnomVmin

ACLR



802.11n HT20_Nss1,(MCS0)_1TX
5700MHz_TnomVmax

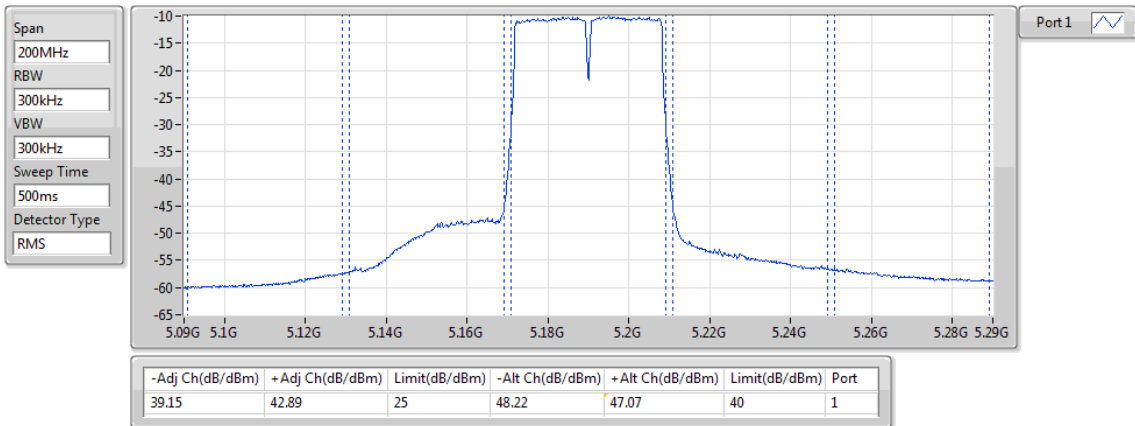
ACLR





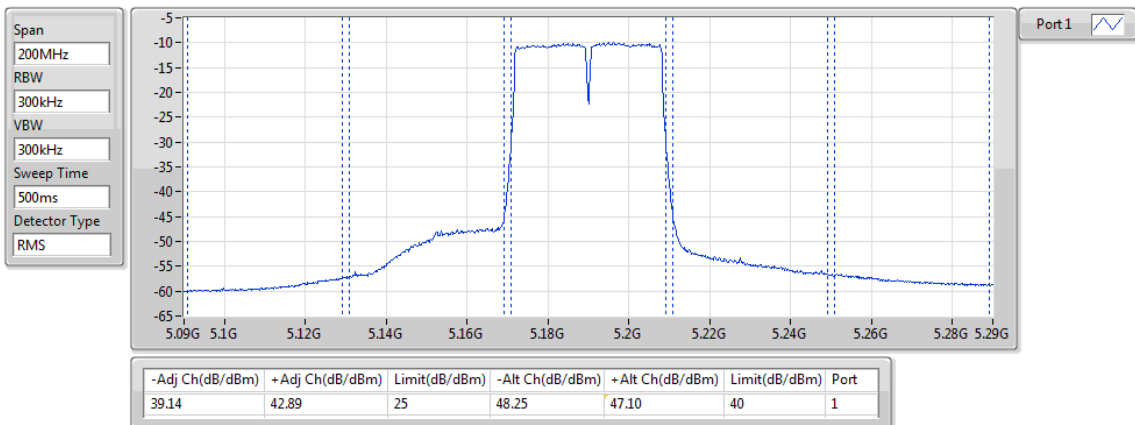
802.11n HT40_Nss1,(MCS0)_1TX
5190MHz_TnomVnom

ACLR



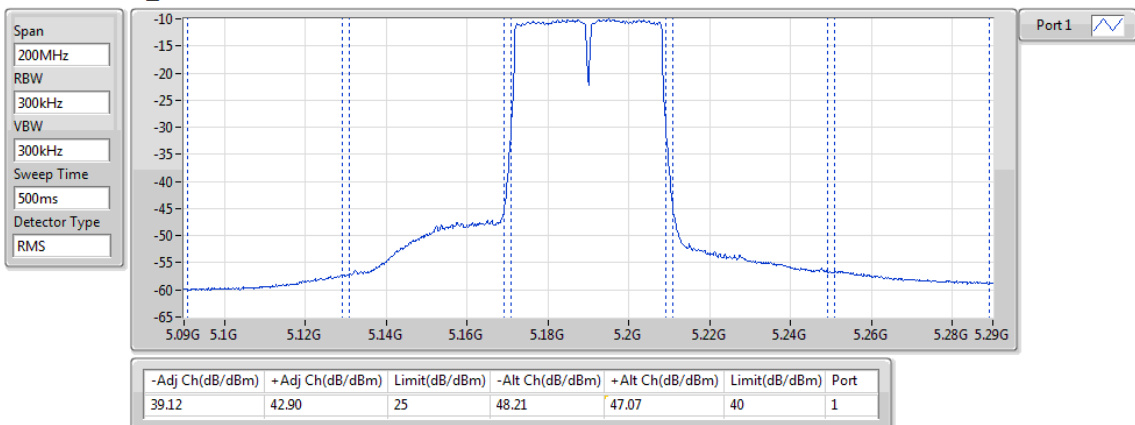
802.11n HT40_Nss1,(MCS0)_1TX
5190MHz_TnomVmin

ACLR



802.11n HT40_Nss1,(MCS0)_1TX
5190MHz_TnomVmax

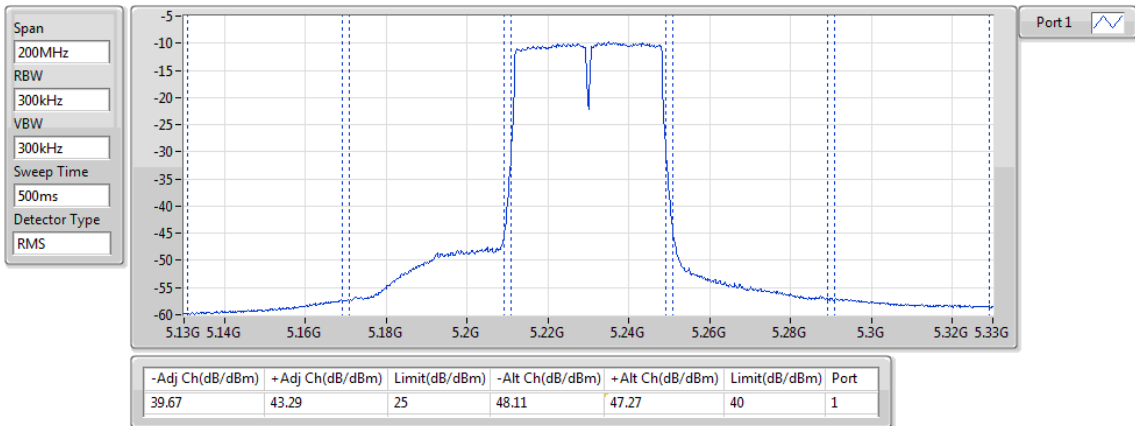
ACLR





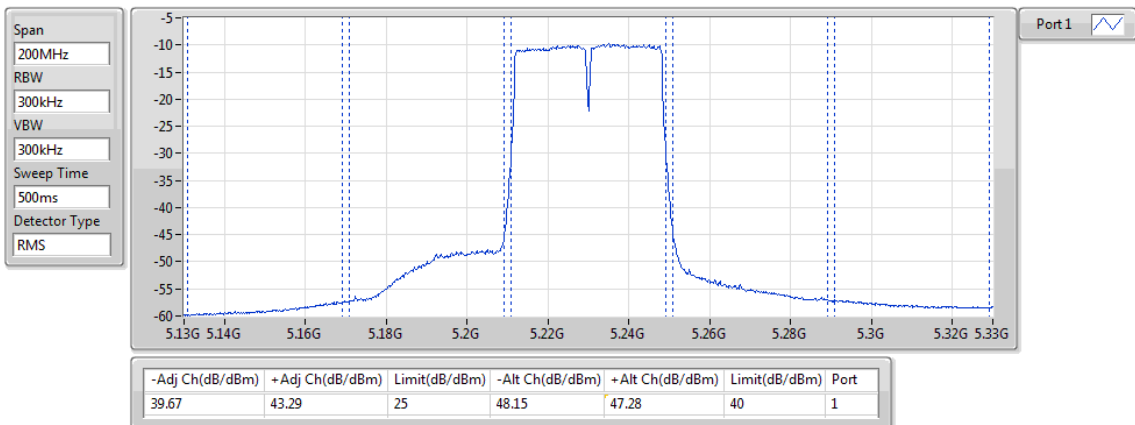
802.11n HT40_Nss1,(MCS0)_1TX
5230MHz_TnomVnom

ACLR



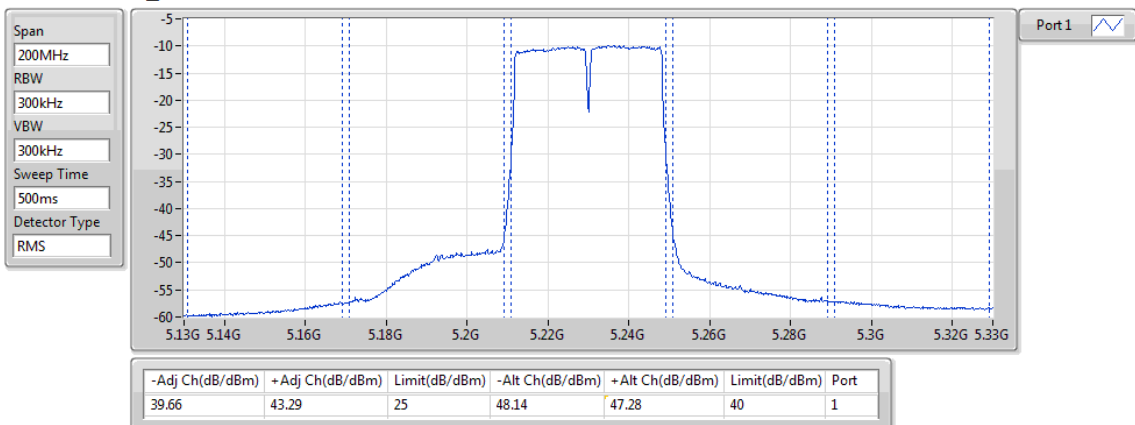
802.11n HT40_Nss1,(MCS0)_1TX
5230MHz_TnomVmin

ACLR



802.11n HT40_Nss1,(MCS0)_1TX
5230MHz_TnomVmax

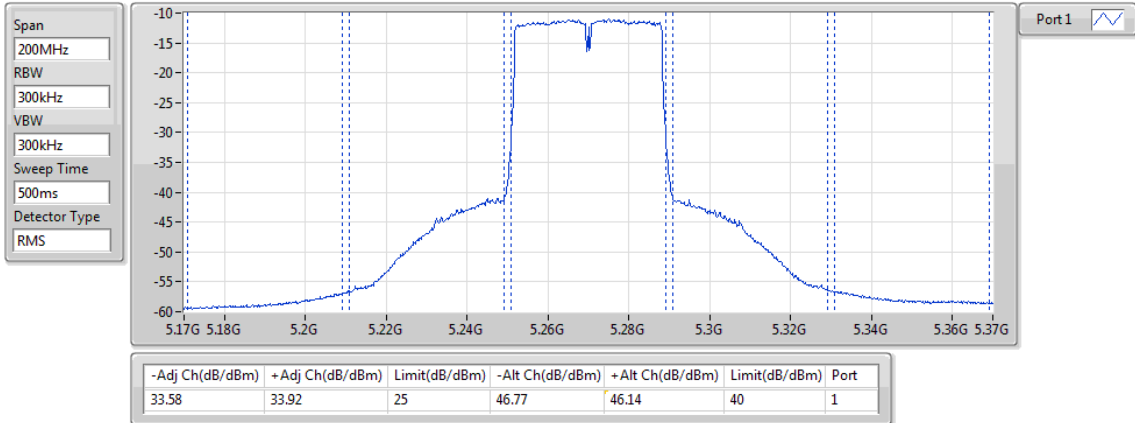
ACLR





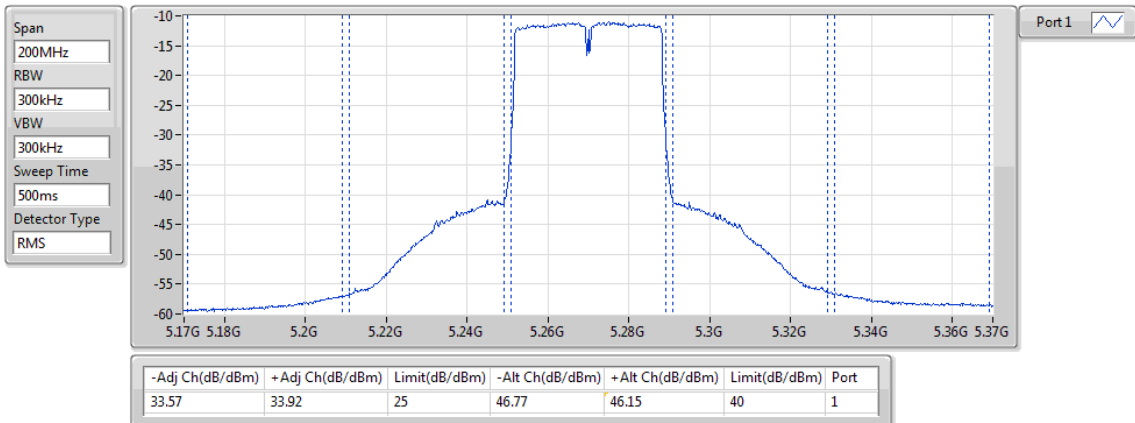
802.11n HT40_Nss1,(MCS0)_1TX
5270MHz_TnomVnom

ACLR



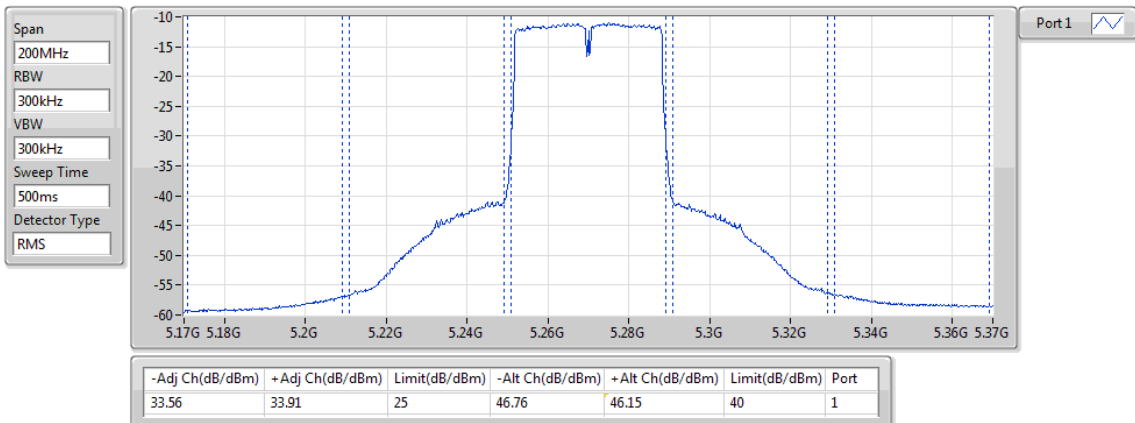
802.11n HT40_Nss1,(MCS0)_1TX
5270MHz_TnomVmin

ACLR



802.11n HT40_Nss1,(MCS0)_1TX
5270MHz_TnomVmax

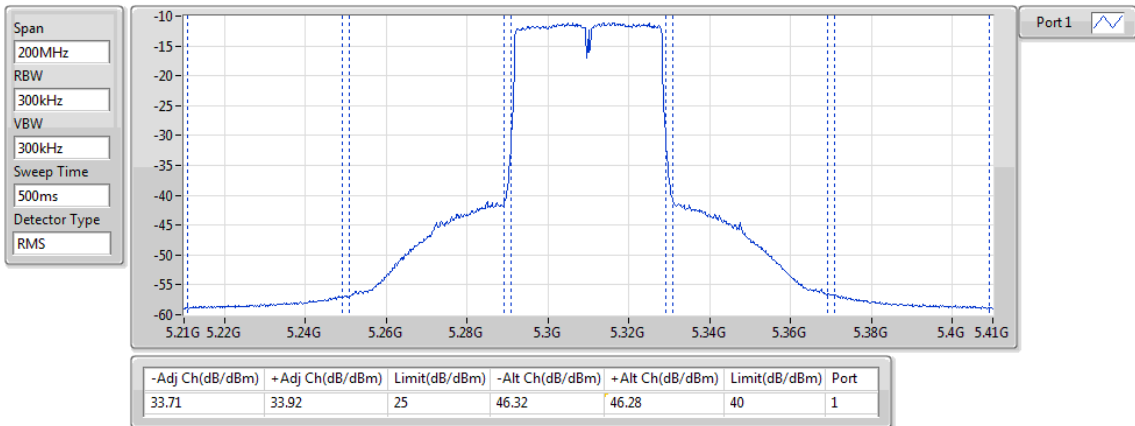
ACLR





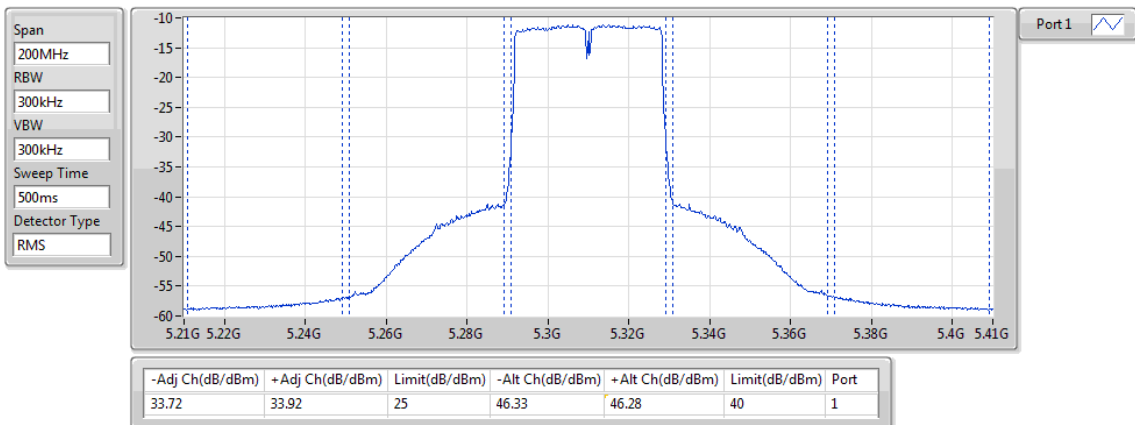
802.11n HT40_Nss1,(MCS0)_1TX
5310MHz_TnomVnom

ACLR



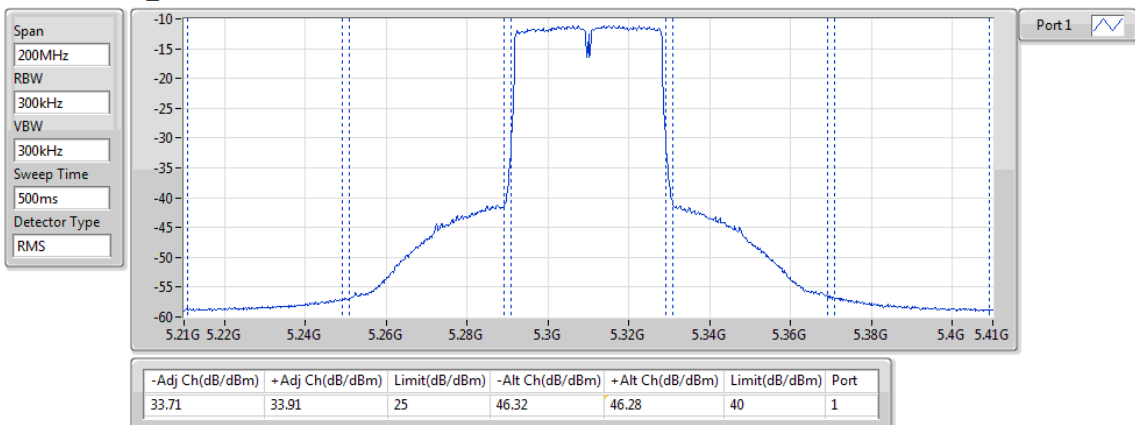
802.11n HT40_Nss1,(MCS0)_1TX
5310MHz_TnomVmin

ACLR



802.11n HT40_Nss1,(MCS0)_1TX
5310MHz_TnomVmax

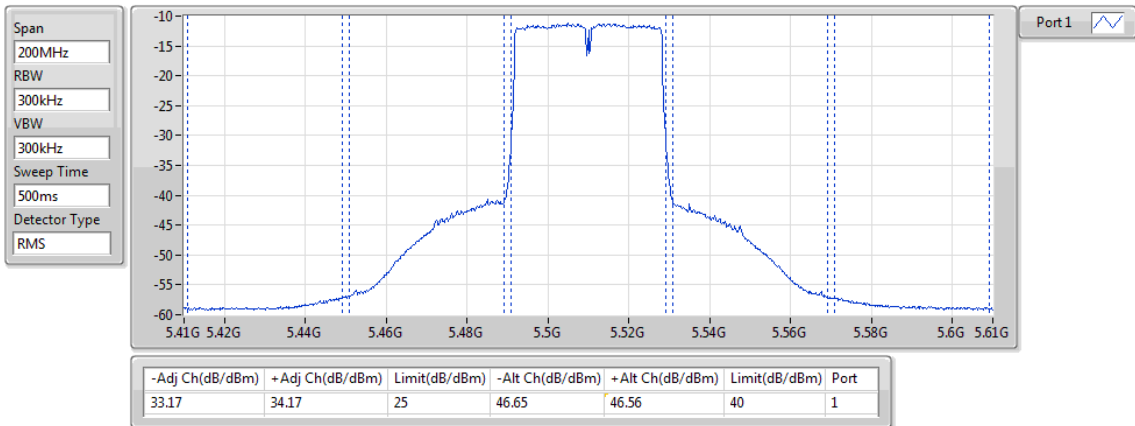
ACLR





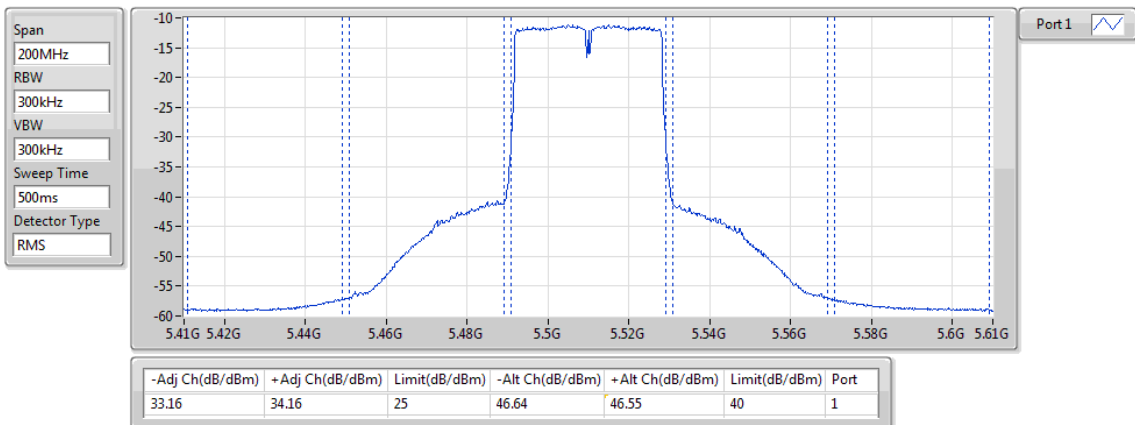
802.11n HT40_Nss1,(MCS0)_1TX
5510MHz_TnomVnom

ACLR



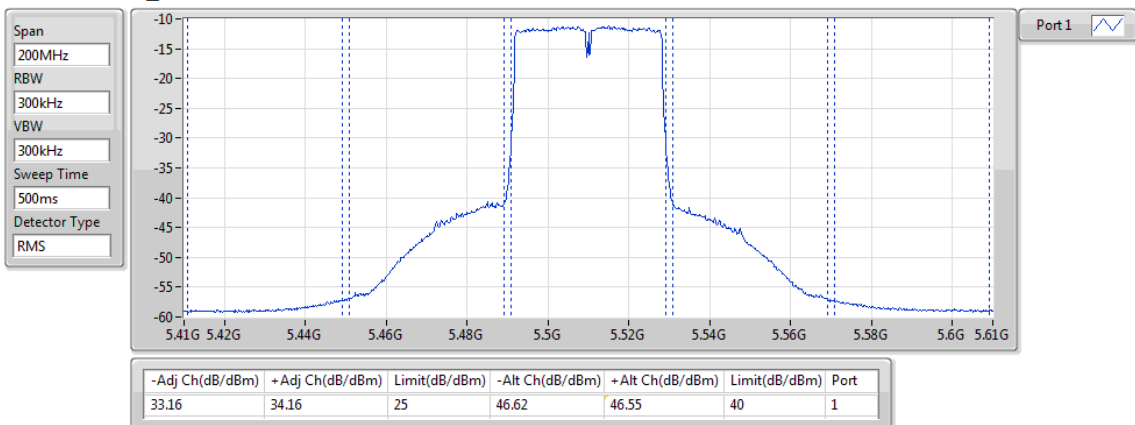
802.11n HT40_Nss1,(MCS0)_1TX
5510MHz_TnomVmin

ACLR



802.11n HT40_Nss1,(MCS0)_1TX
5510MHz_TnomVmax

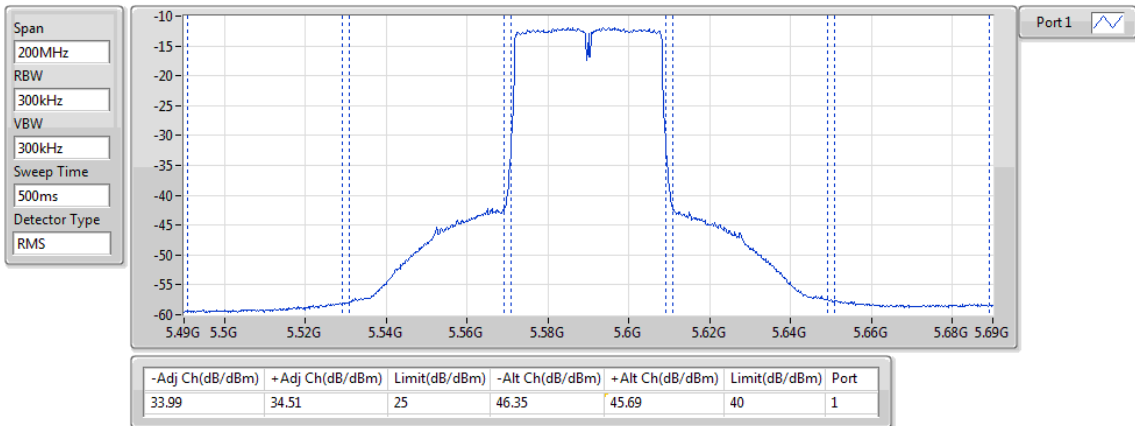
ACLR





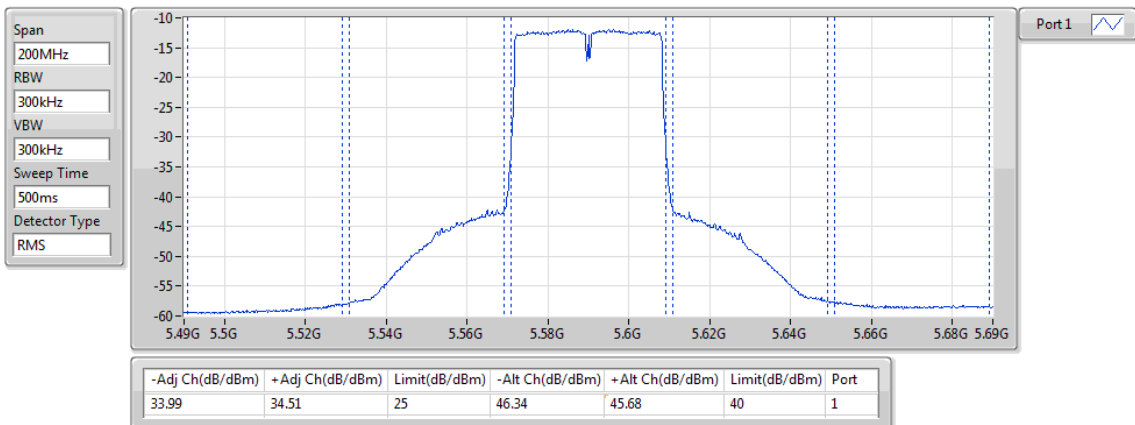
802.11n HT40_Nss1,(MCS0)_1TX
5590MHz_TnomVnom

ACLR



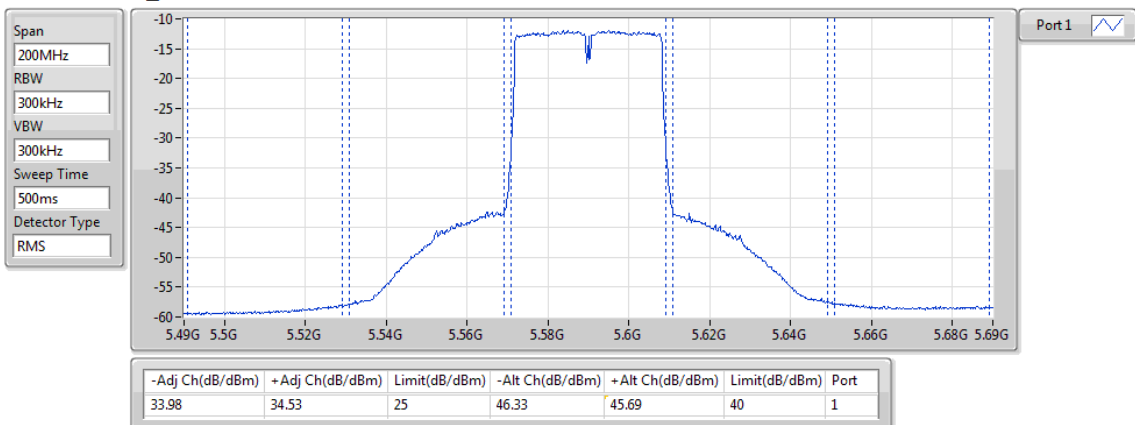
802.11n HT40_Nss1,(MCS0)_1TX
5590MHz_TnomVmin

ACLR



802.11n HT40_Nss1,(MCS0)_1TX
5590MHz_TnomVmax

ACLR

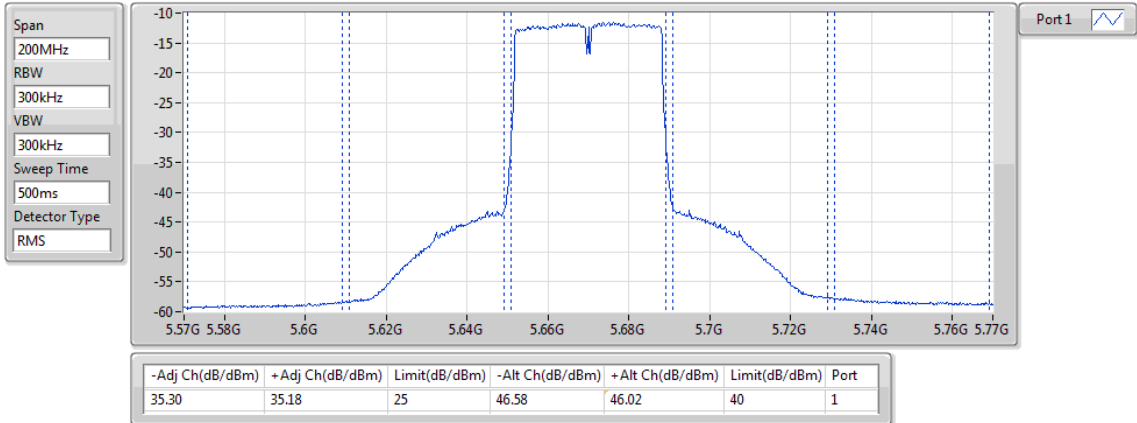




802.11n HT40_Nss1,(MCS0)_1TX

ACLR

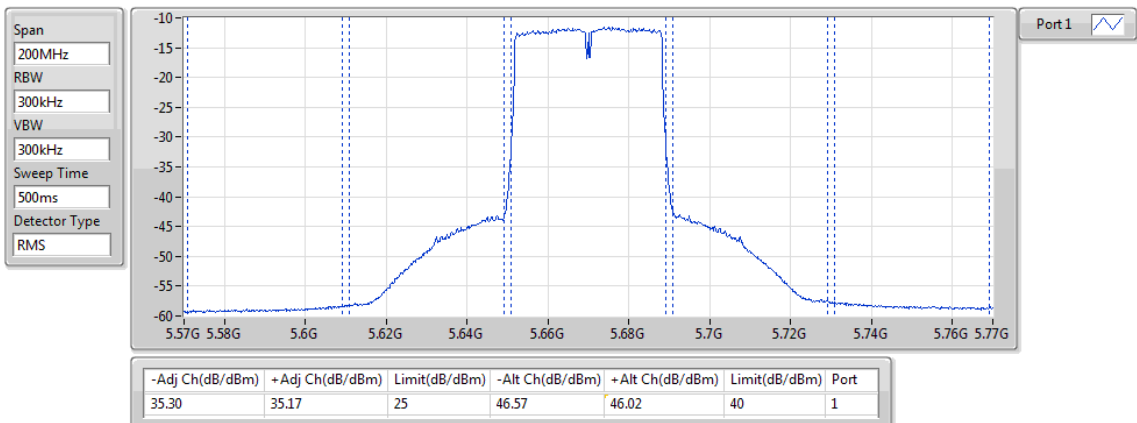
5670MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

ACLR

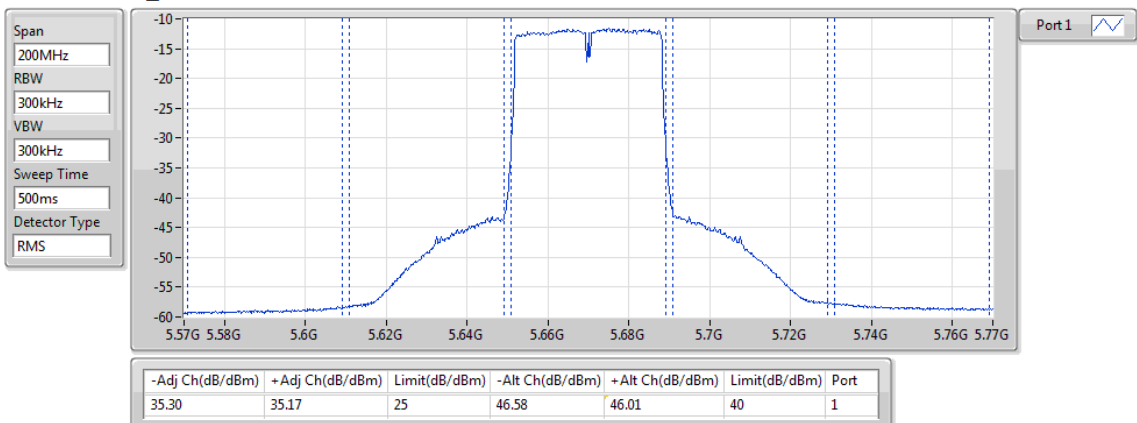
5670MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

ACLR

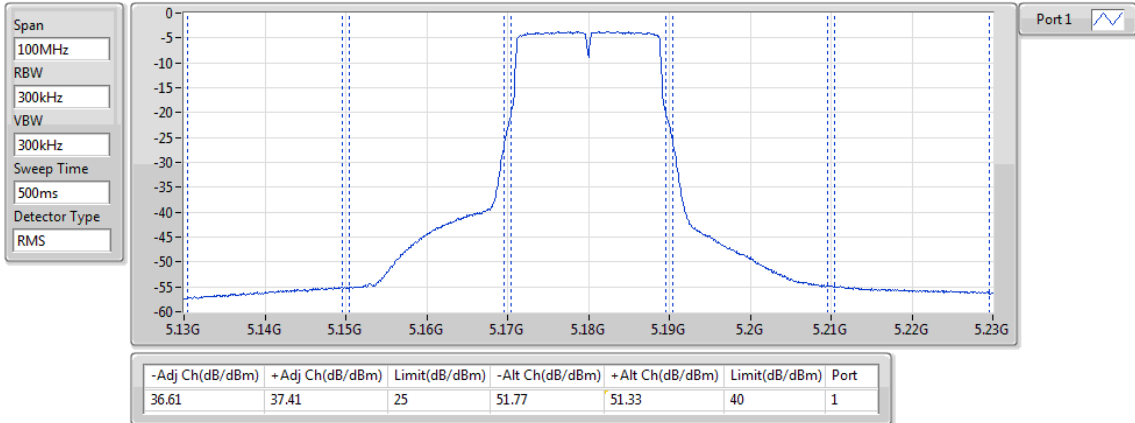
5670MHz_TnomVmax





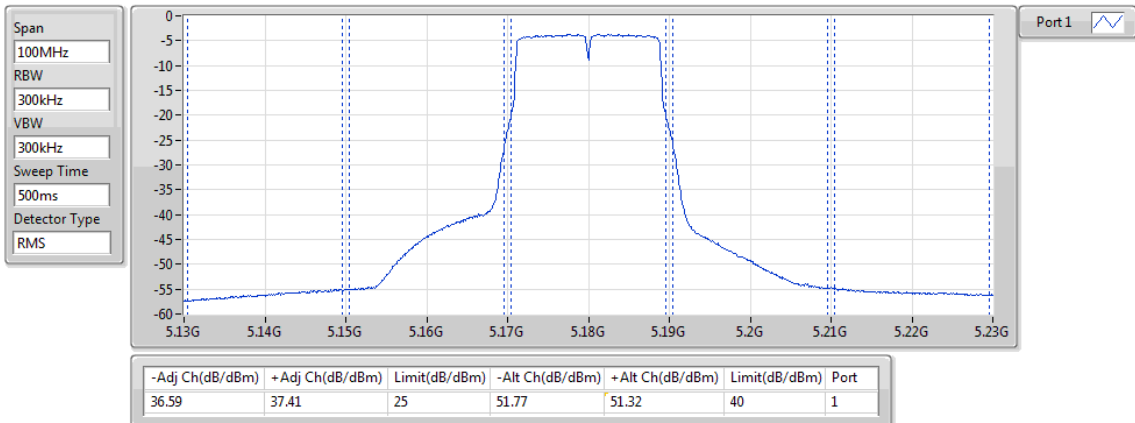
802.11ac VHT20_Nss1,(MCS0)_1TX
5180MHz_TnomVnom

ACLR



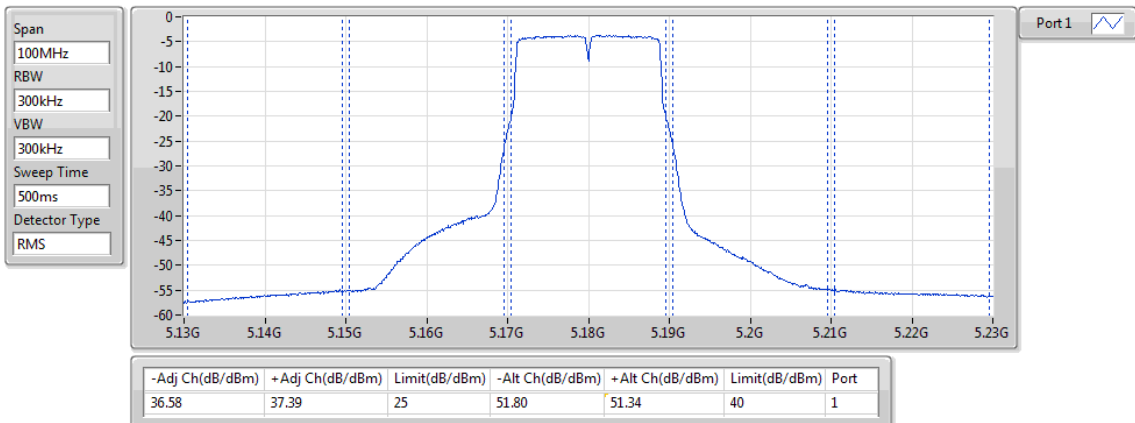
802.11ac VHT20_Nss1,(MCS0)_1TX
5180MHz_TnomVmin

ACLR



802.11ac VHT20_Nss1,(MCS0)_1TX
5180MHz_TnomVmax

ACLR

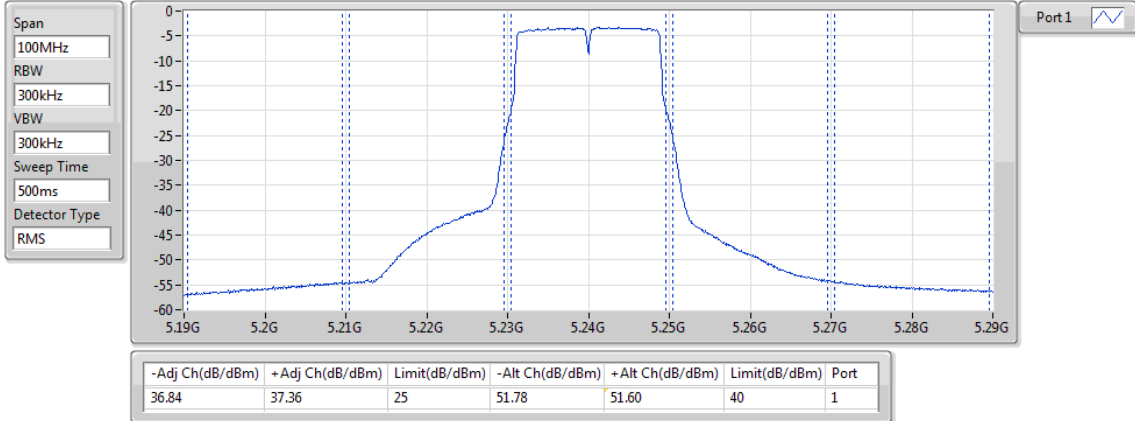




802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

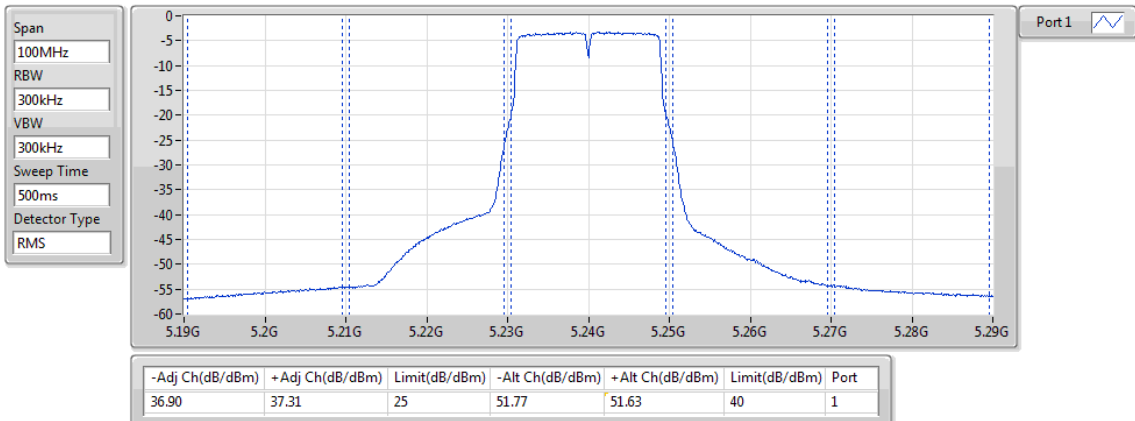
5240MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

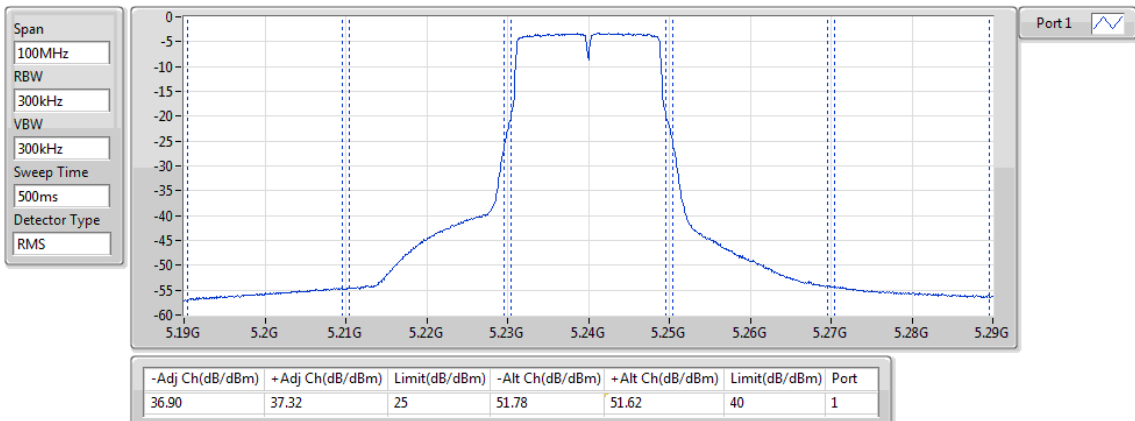
5240MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

ACLR

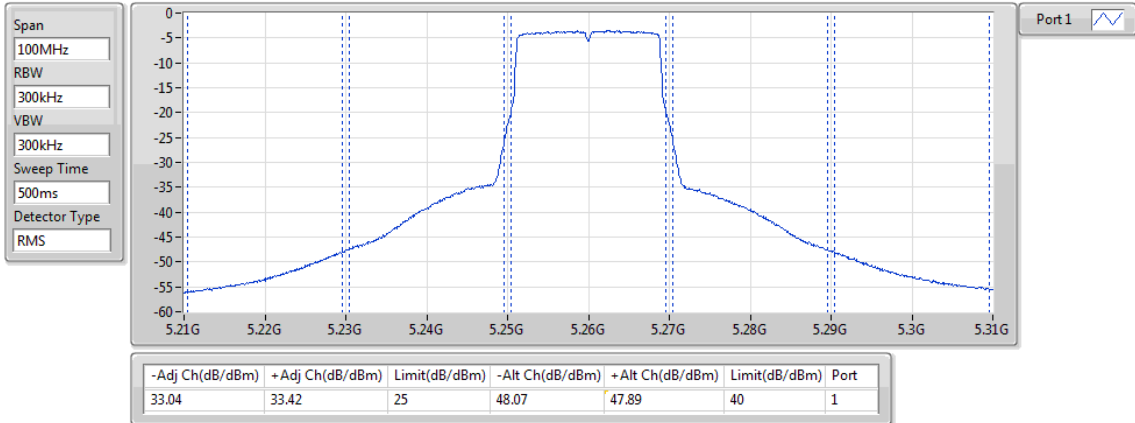
5240MHz_TnomVmax





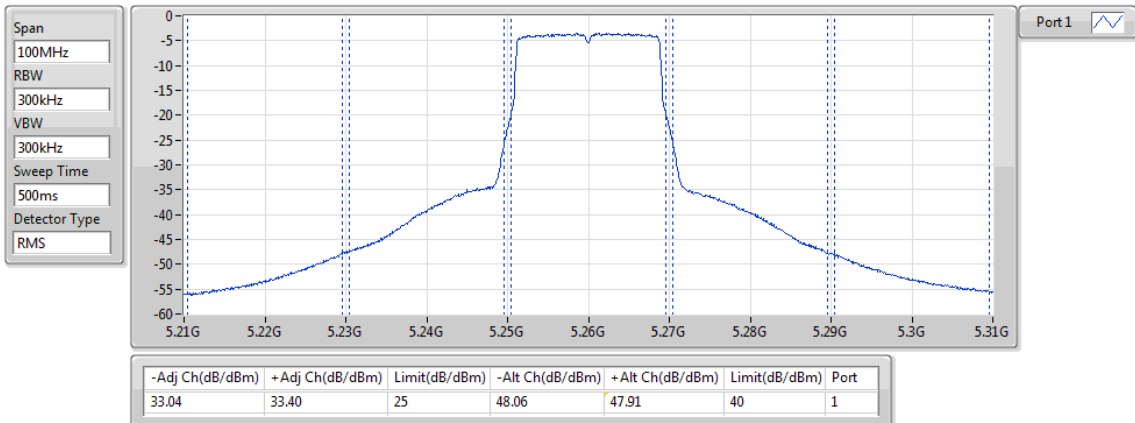
802.11ac VHT20_Nss1,(MCS0)_1TX
5260MHz_TnomVnom

ACLR



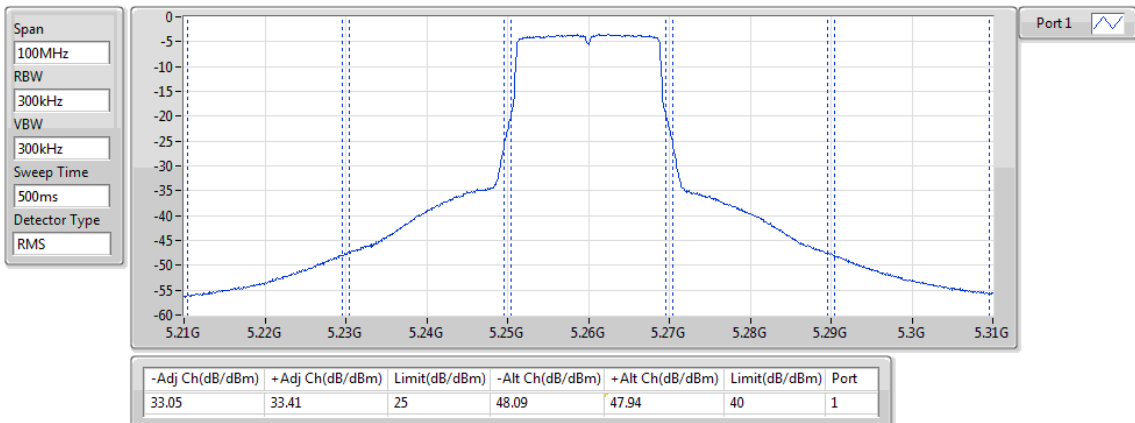
802.11ac VHT20_Nss1,(MCS0)_1TX
5260MHz_TnomVmin

ACLR



802.11ac VHT20_Nss1,(MCS0)_1TX
5260MHz_TnomVmax

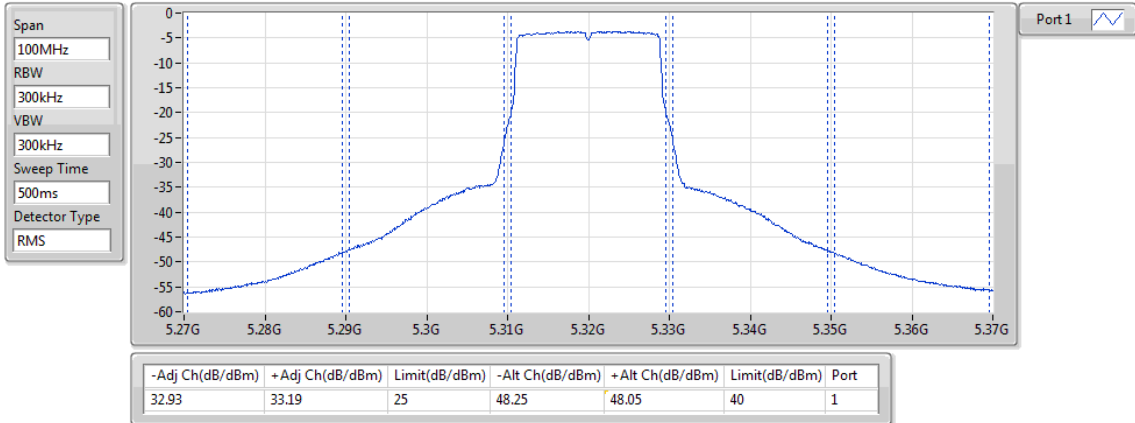
ACLR





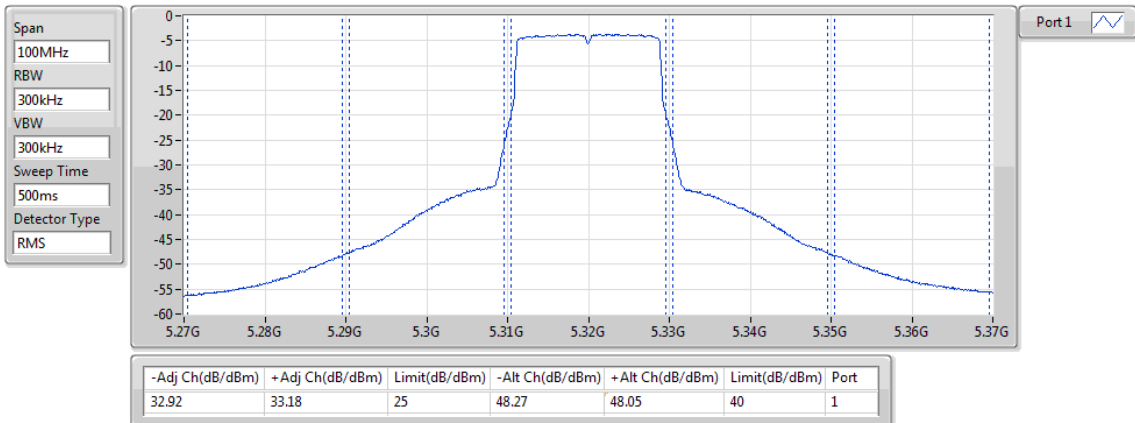
802.11ac VHT20_Nss1,(MCS0)_1TX
5320MHz_TnomVnom

ACLR



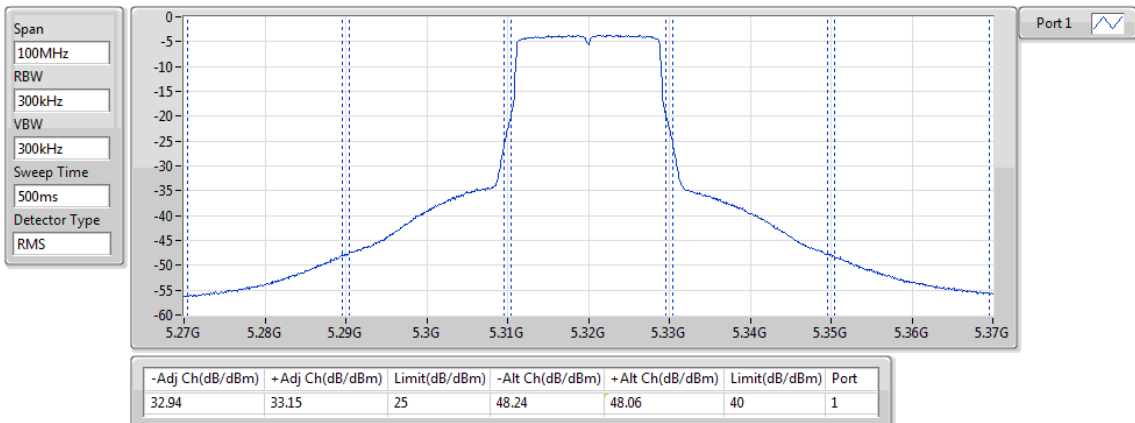
802.11ac VHT20_Nss1,(MCS0)_1TX
5320MHz_TnomVmin

ACLR



802.11ac VHT20_Nss1,(MCS0)_1TX
5320MHz_TnomVmax

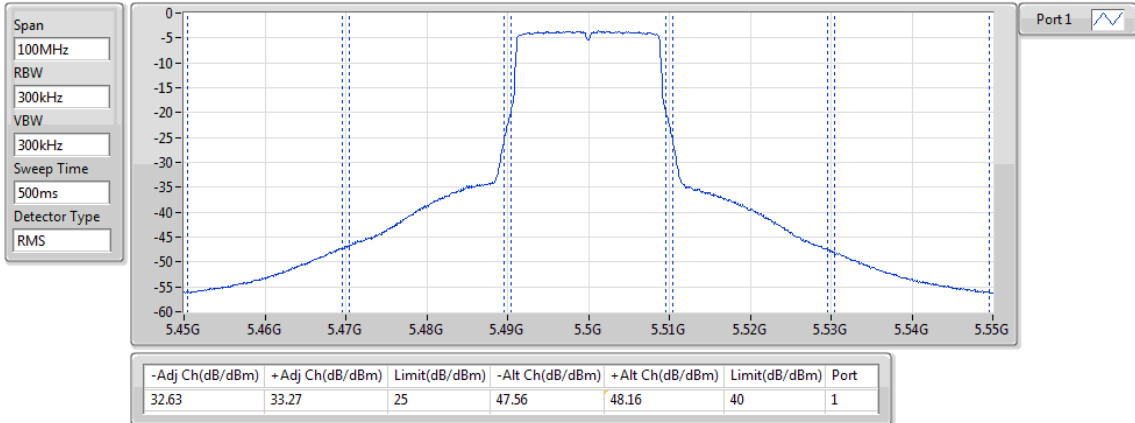
ACLR





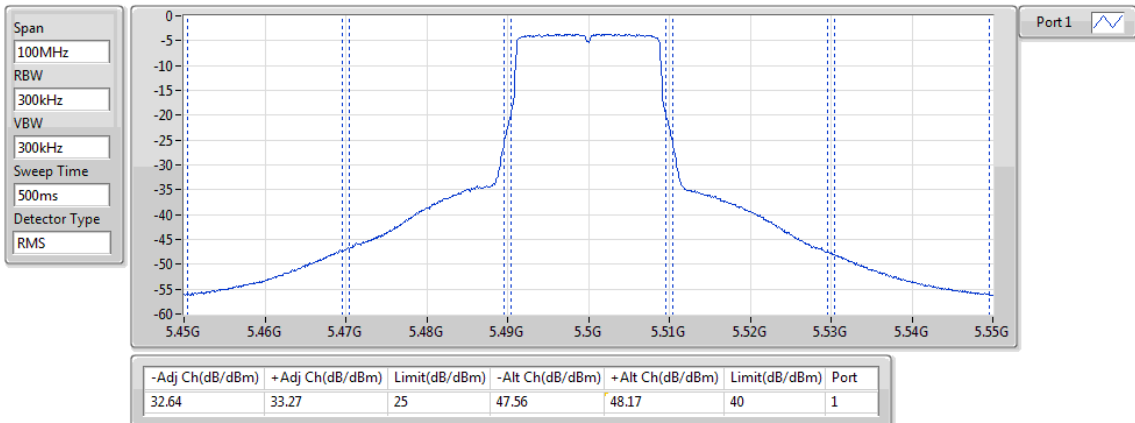
802.11ac VHT20_Nss1,(MCS0)_1TX
5500MHz_TnomVnom

ACLR



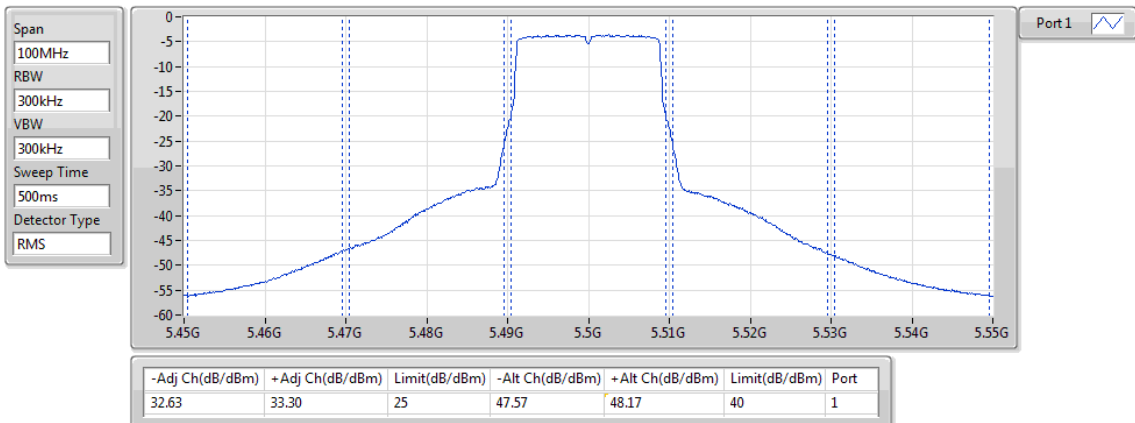
802.11ac VHT20_Nss1,(MCS0)_1TX
5500MHz_TnomVmin

ACLR



802.11ac VHT20_Nss1,(MCS0)_1TX
5500MHz_TnomVmax

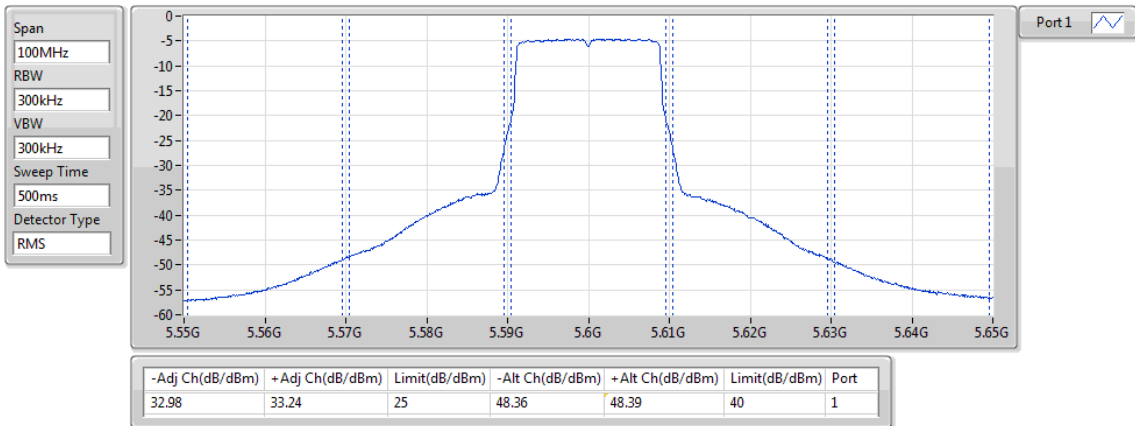
ACLR





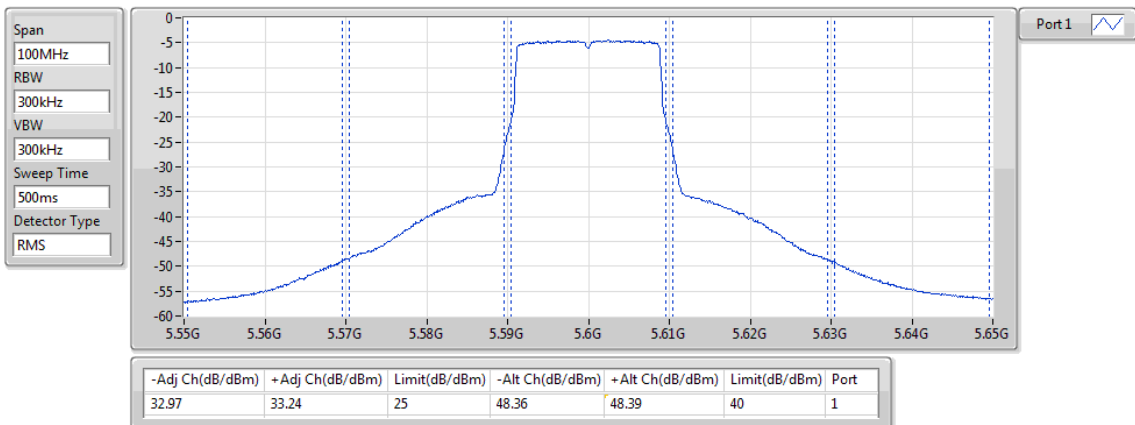
802.11ac VHT20_Nss1,(MCS0)_1TX
5600MHz_TnomVnom

ACLR



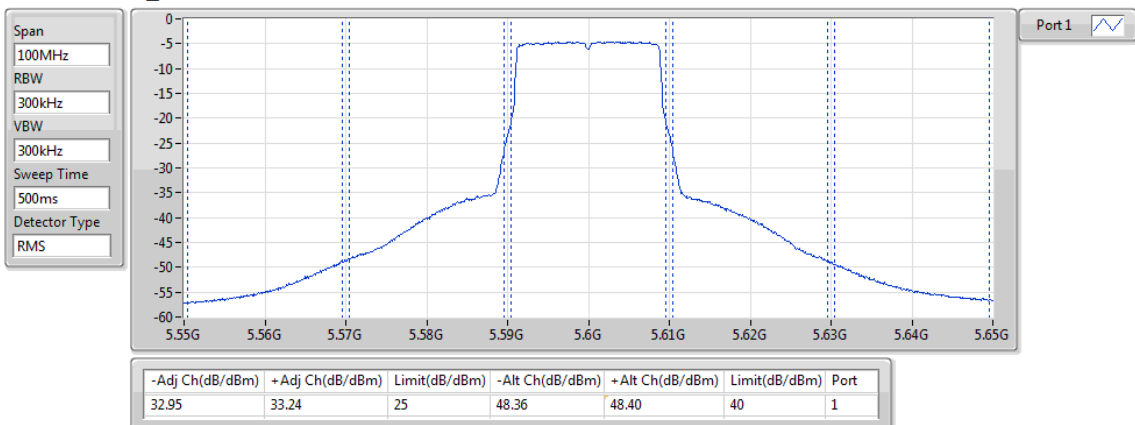
802.11ac VHT20_Nss1,(MCS0)_1TX
5600MHz_TnomVmin

ACLR



802.11ac VHT20_Nss1,(MCS0)_1TX
5600MHz_TnomVmax

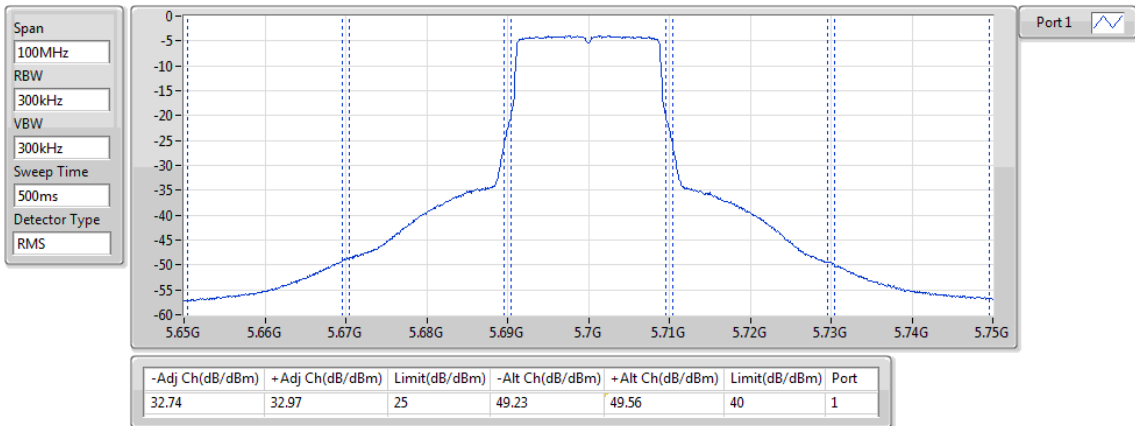
ACLR





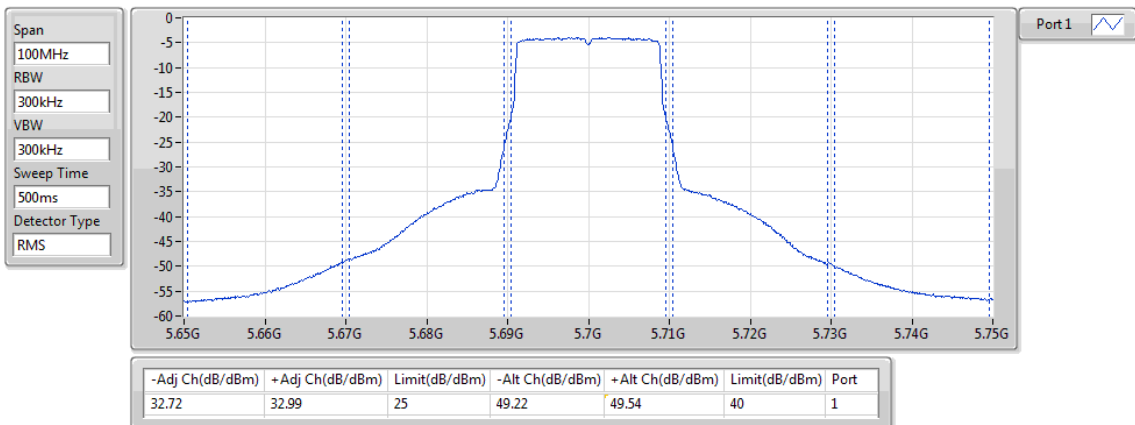
802.11ac VHT20_Nss1,(MCS0)_1TX
5700MHz_TnomVnom

ACLR



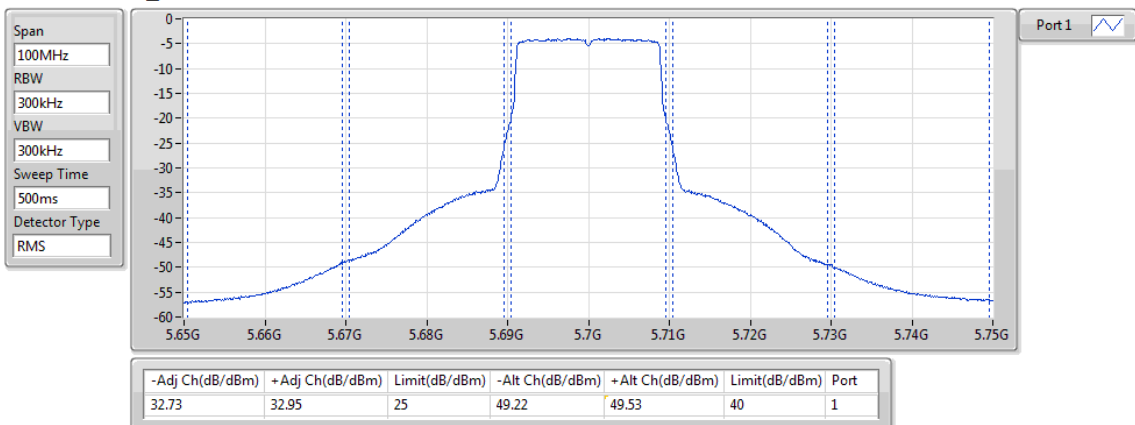
802.11ac VHT20_Nss1,(MCS0)_1TX
5700MHz_TnomVmin

ACLR



802.11ac VHT20_Nss1,(MCS0)_1TX
5700MHz_TnomVmax

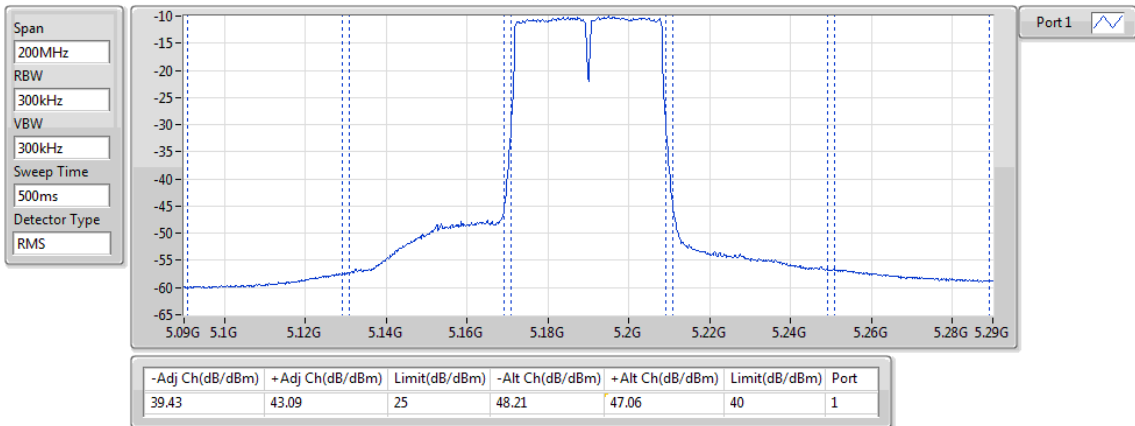
ACLR





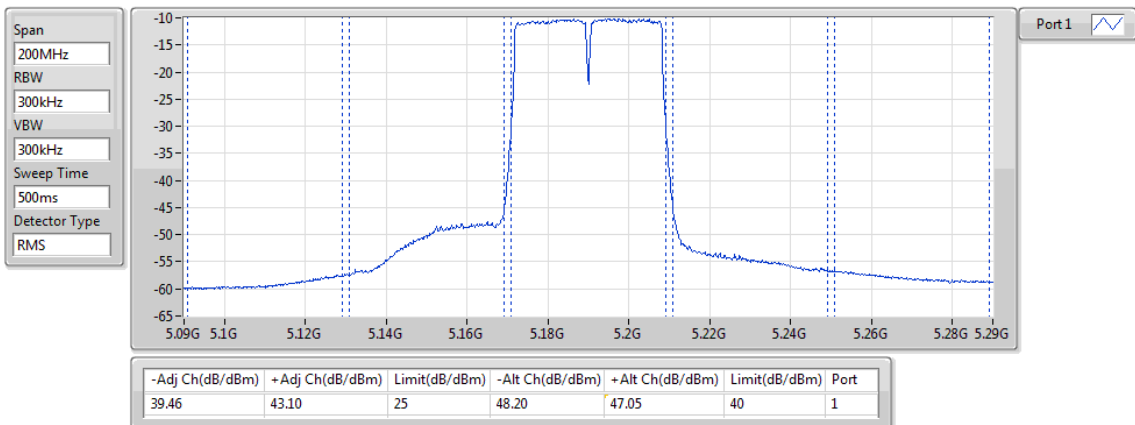
802.11ac VHT40_Nss1,(MCS0)_1TX
5190MHz_TnomVnom

ACLR



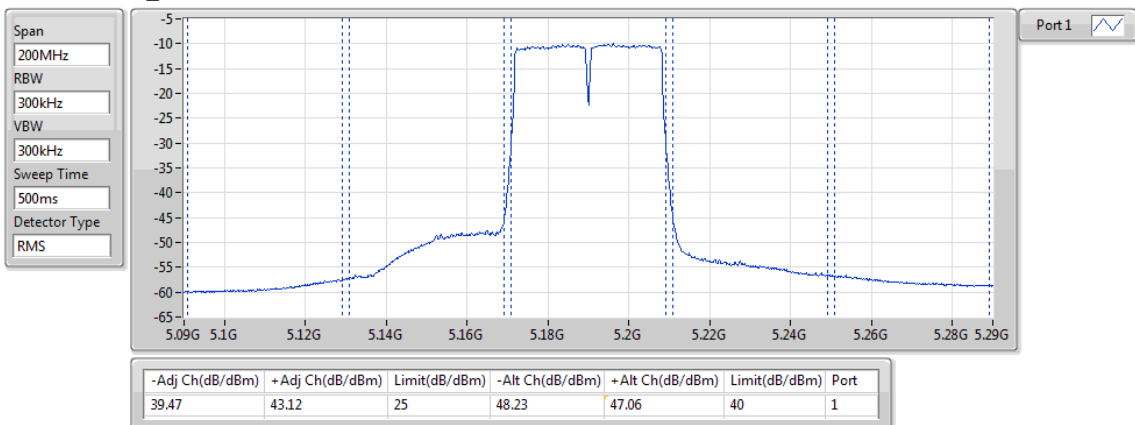
802.11ac VHT40_Nss1,(MCS0)_1TX
5190MHz_TnomVmin

ACLR



802.11ac VHT40_Nss1,(MCS0)_1TX
5190MHz_TnomVmax

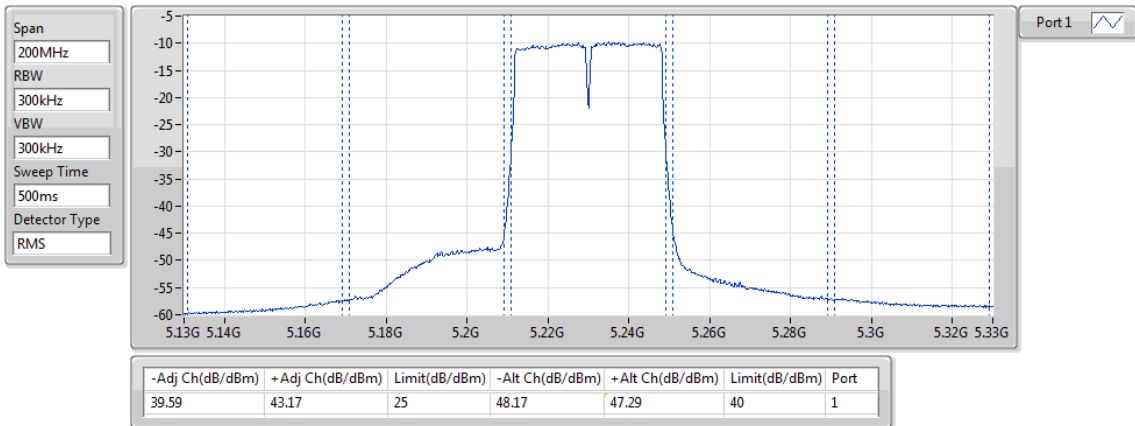
ACLR





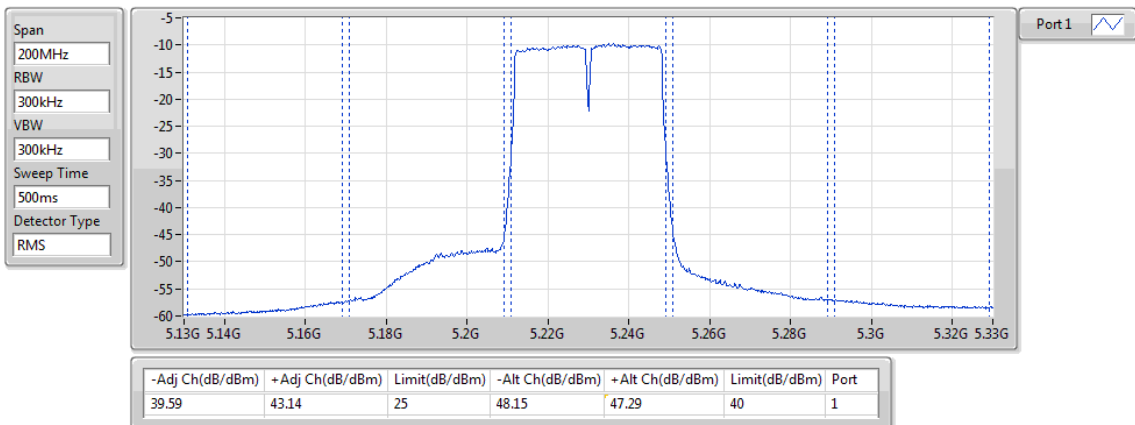
802.11ac VHT40_Nss1,(MCS0)_1TX
5230MHz_TnomVnom

ACLR



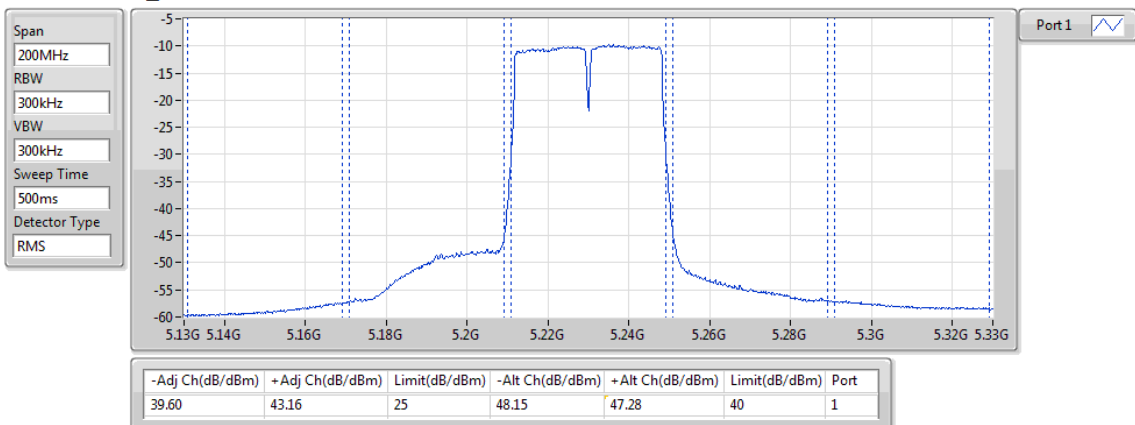
802.11ac VHT40_Nss1,(MCS0)_1TX
5230MHz_TnomVmin

ACLR



802.11ac VHT40_Nss1,(MCS0)_1TX
5230MHz_TnomVmax

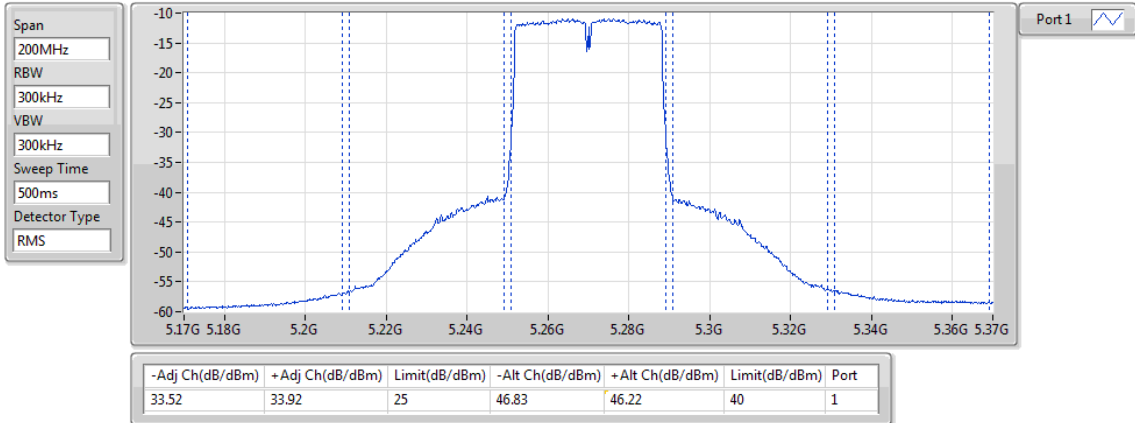
ACLR





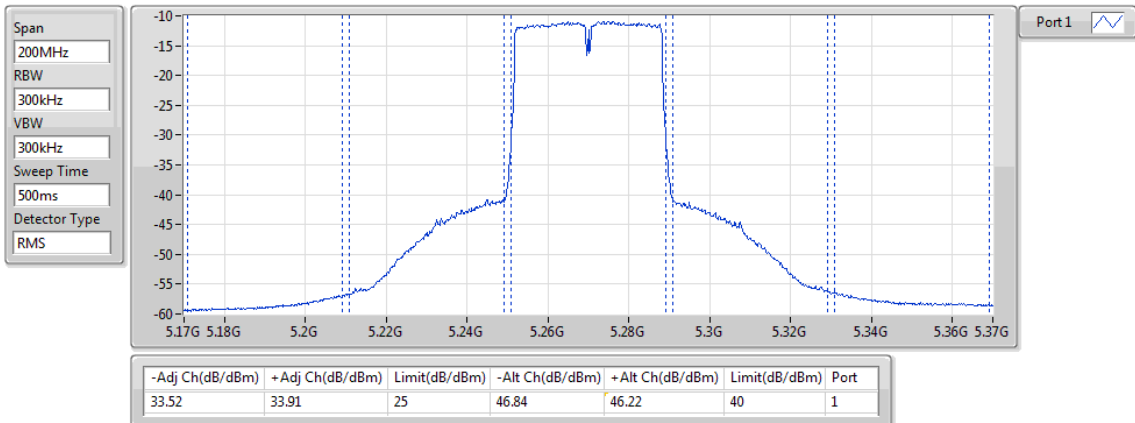
802.11ac VHT40_Nss1,(MCS0)_1TX
5270MHz_TnomVnom

ACLR



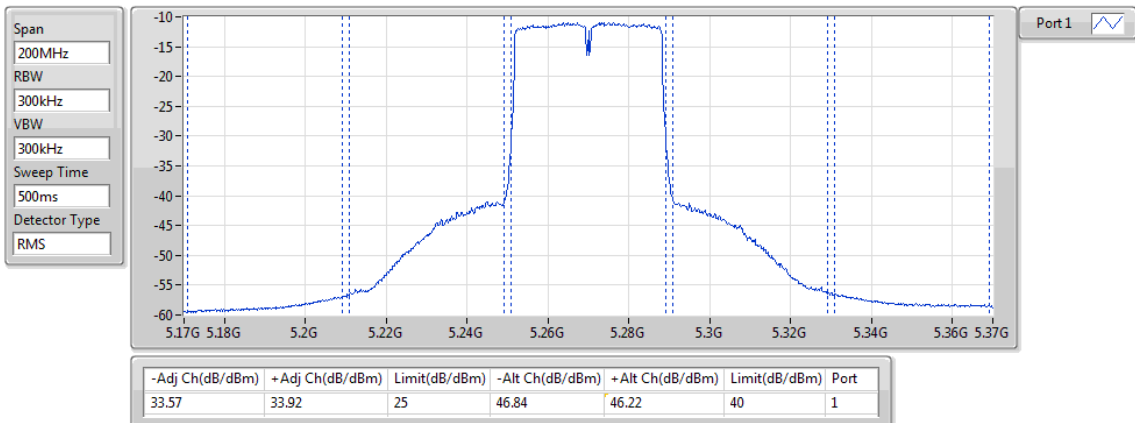
802.11ac VHT40_Nss1,(MCS0)_1TX
5270MHz_TnomVmin

ACLR



802.11ac VHT40_Nss1,(MCS0)_1TX
5270MHz_TnomVmax

ACLR

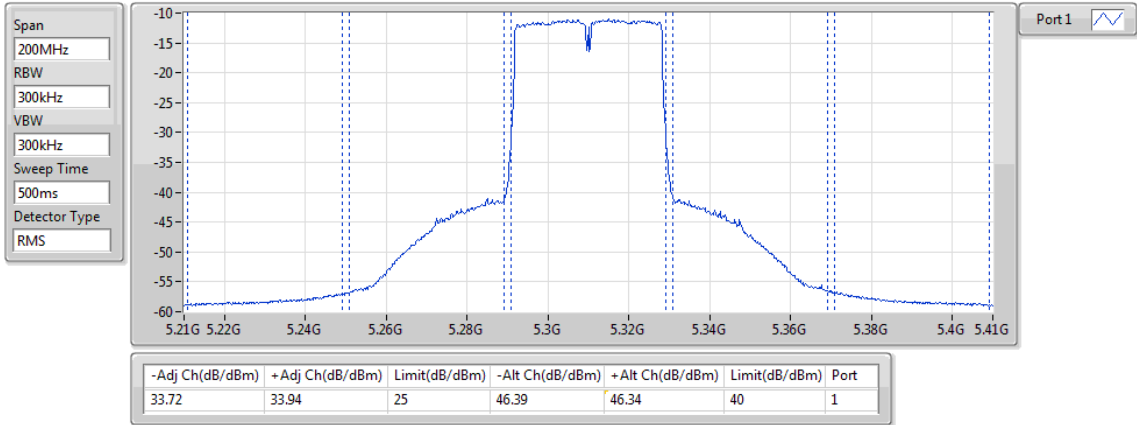




802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

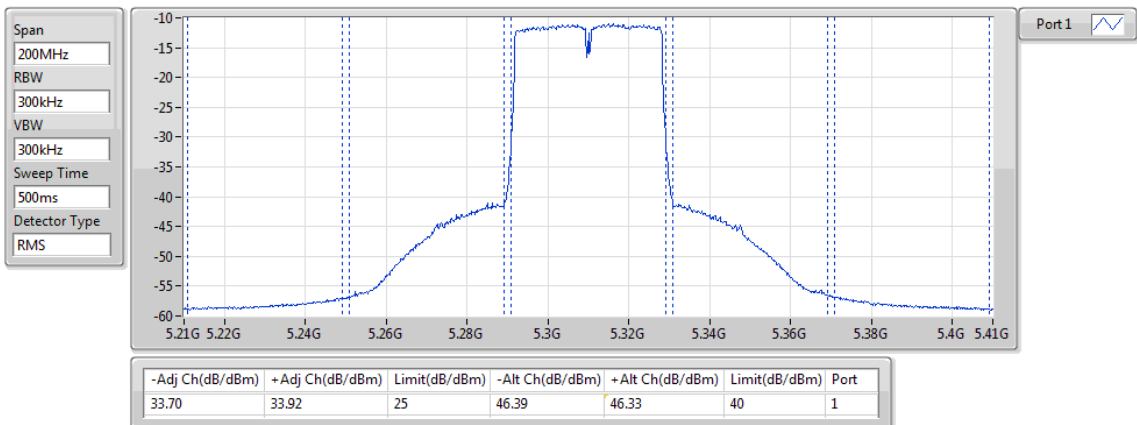
5310MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

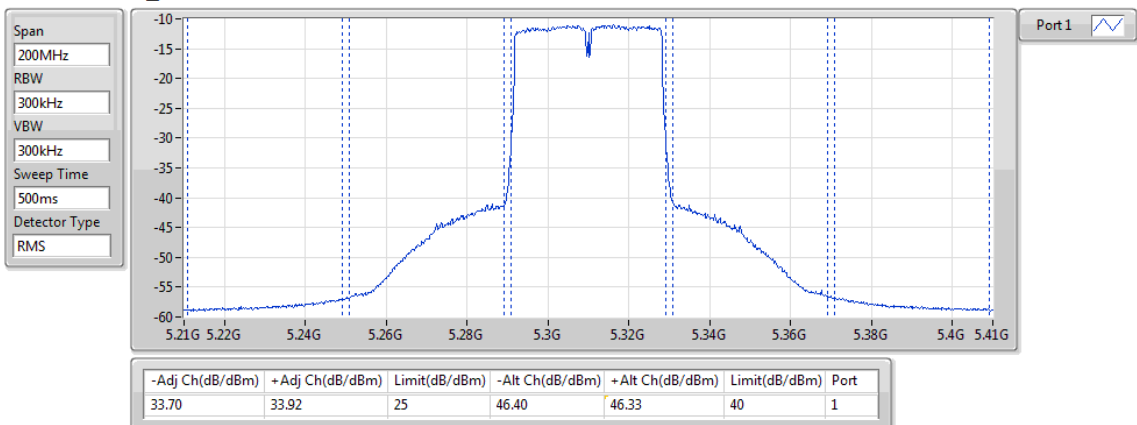
5310MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

ACLR

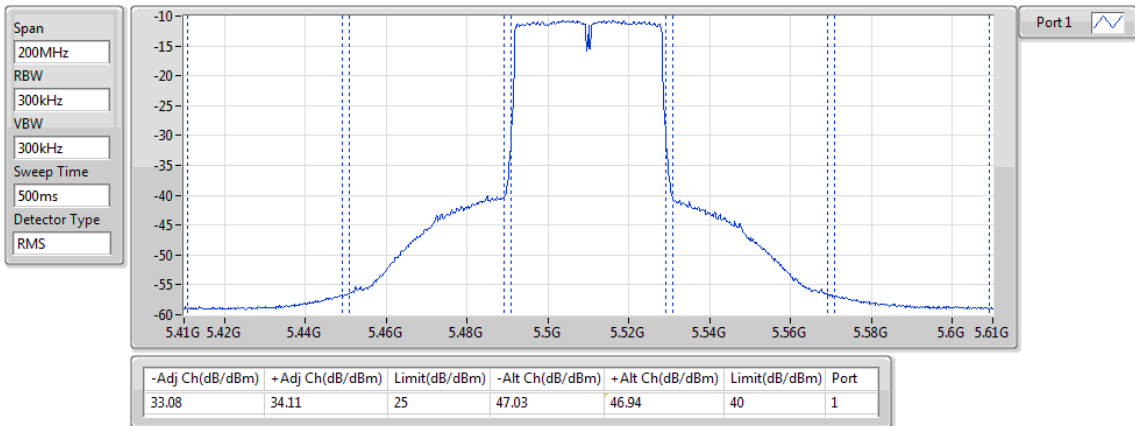
5310MHz_TnomVmax





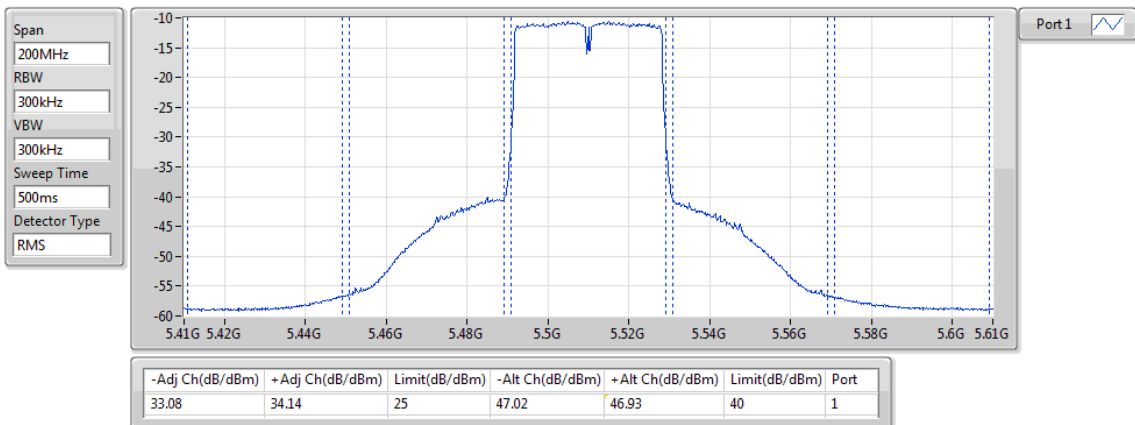
802.11ac VHT40_Nss1,(MCS0)_1TX
5510MHz_TnomVnom

ACLR



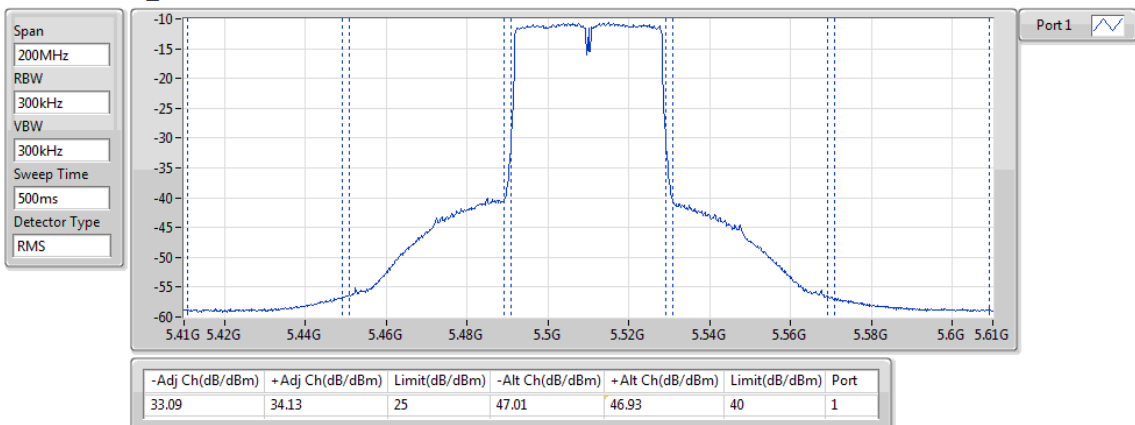
802.11ac VHT40_Nss1,(MCS0)_1TX
5510MHz_TnomVmin

ACLR



802.11ac VHT40_Nss1,(MCS0)_1TX
5510MHz_TnomVmax

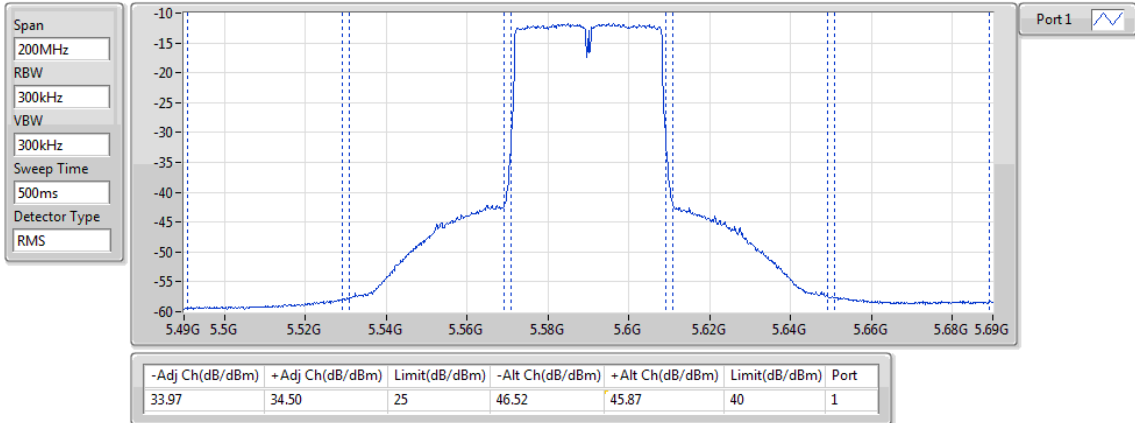
ACLR





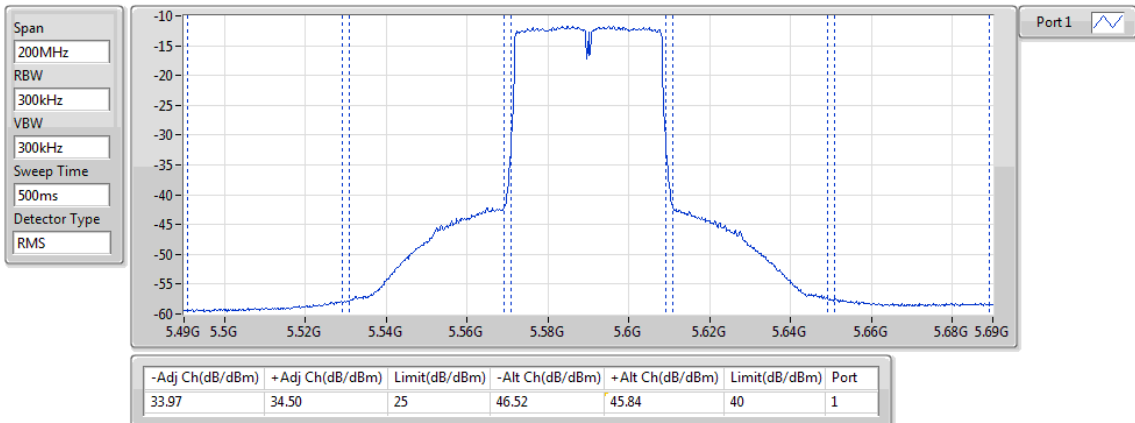
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5590MHz_TnomVnom

ACLR



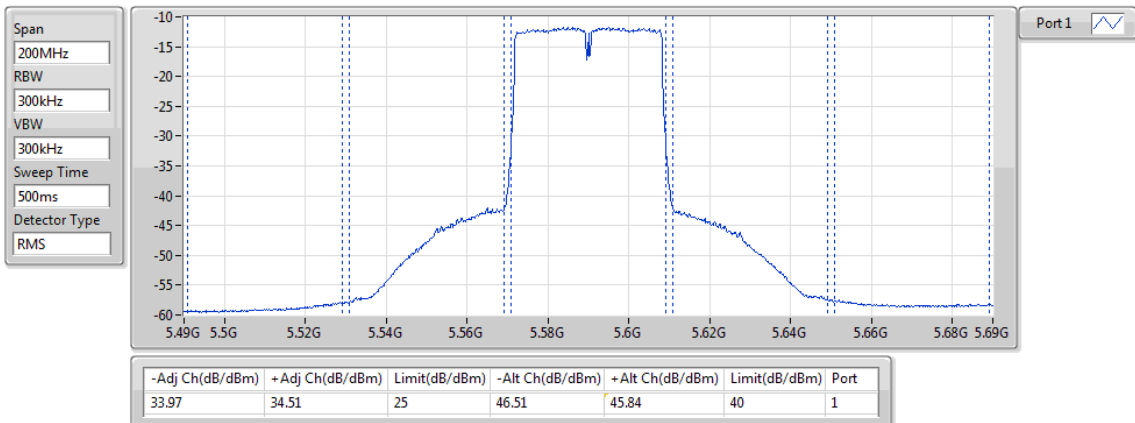
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5590MHz_TnomVmin

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802.11ac VHT40_Nss1,(MCS0)_1TX
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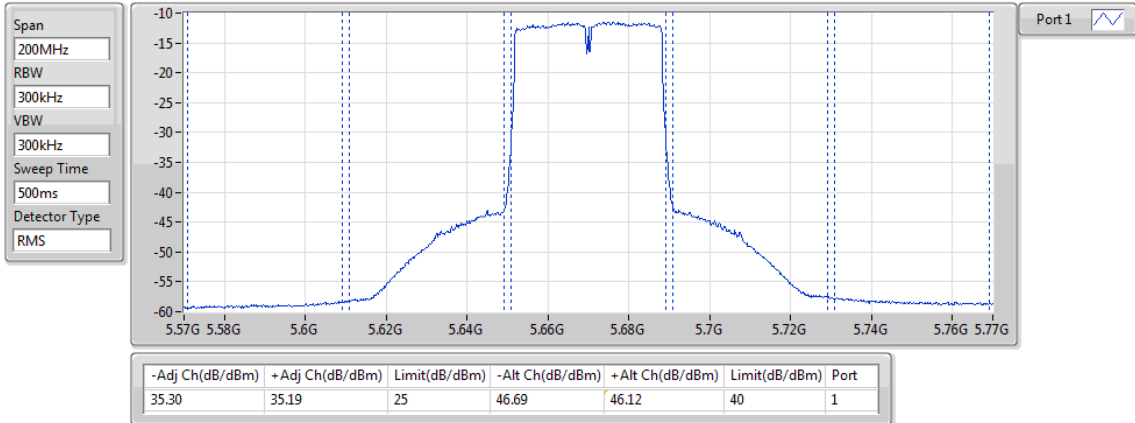
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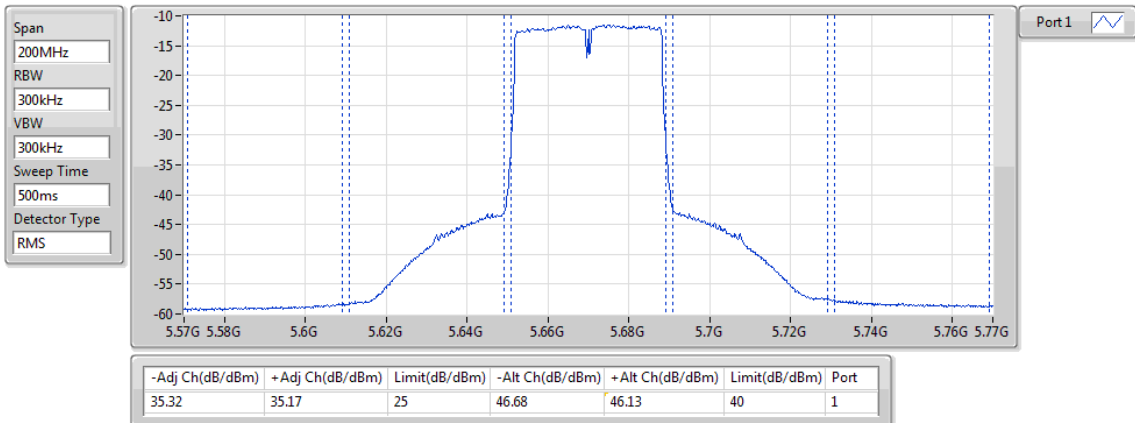
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5670MHz_TnomVnom

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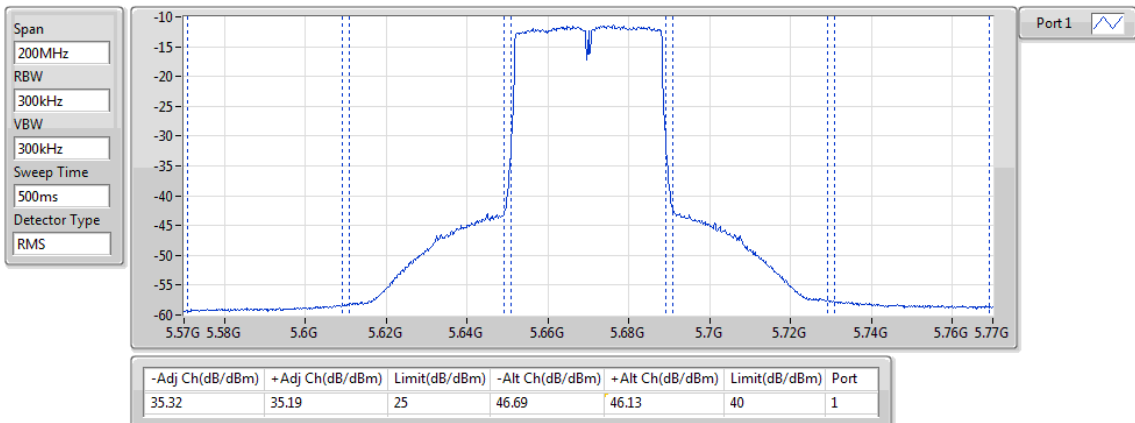
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5670MHz_TnomVmin

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802.11ac VHT40_Nss1,(MCS0)_1TX
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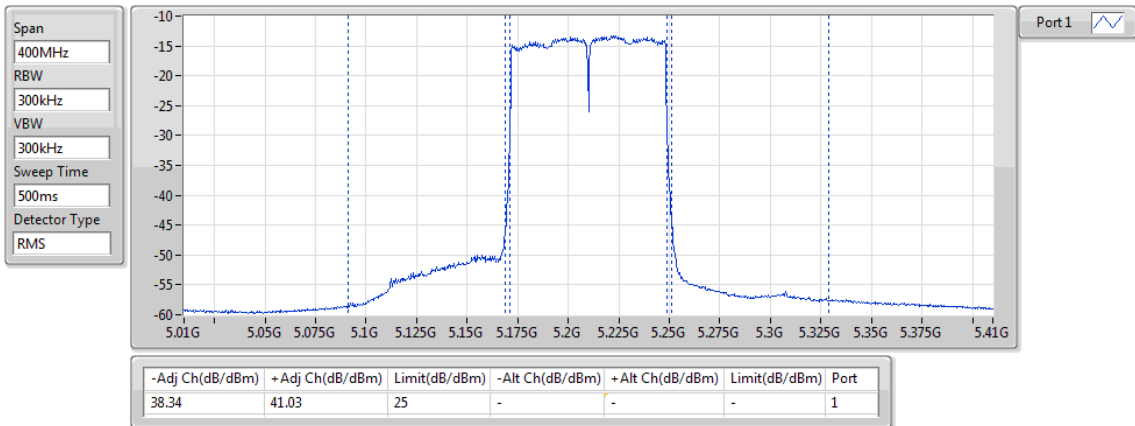
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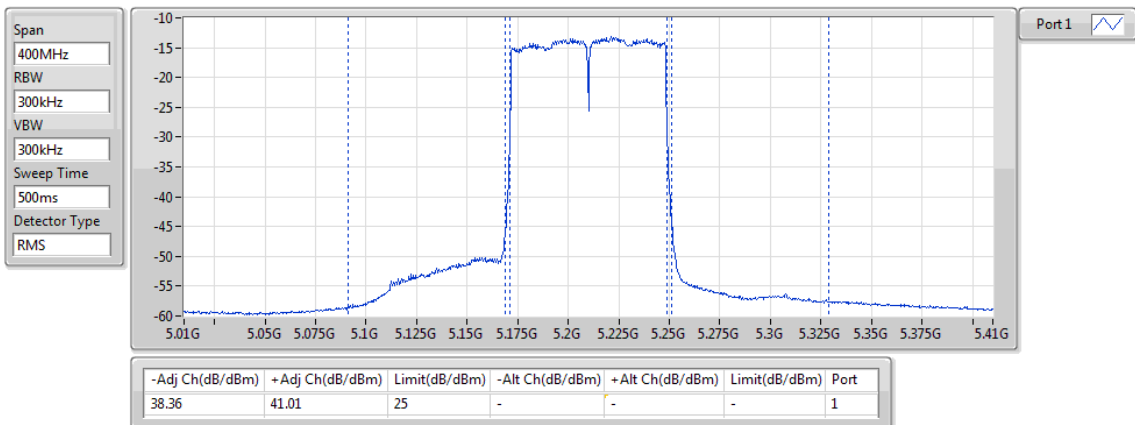
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5210MHz_TnomVnom

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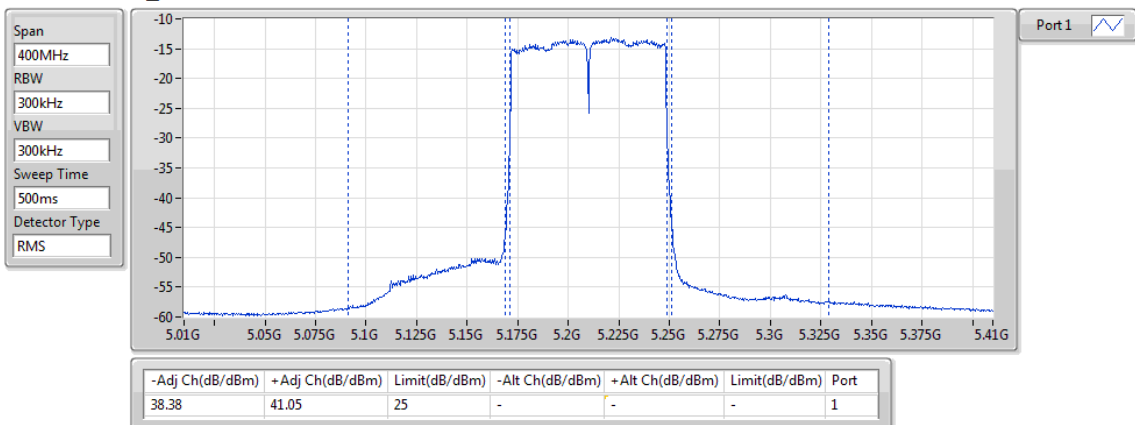
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5210MHz_TnomVmin

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802.11ac VHT80_Nss1,(MCS0)_1TX
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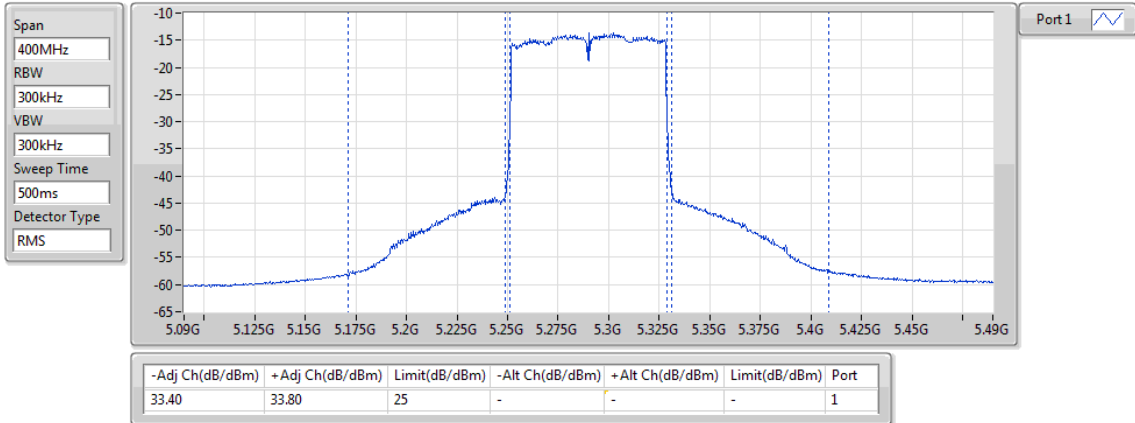
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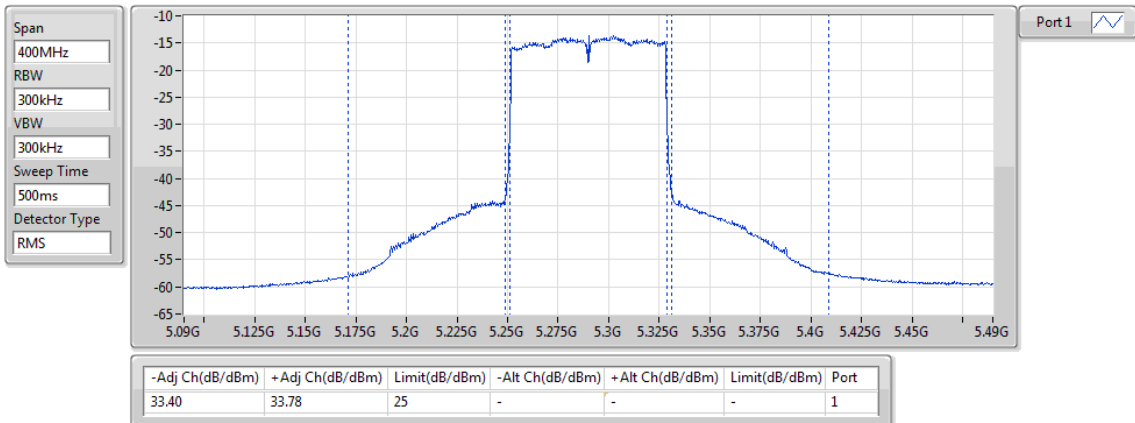
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5290MHz_TnomVnom

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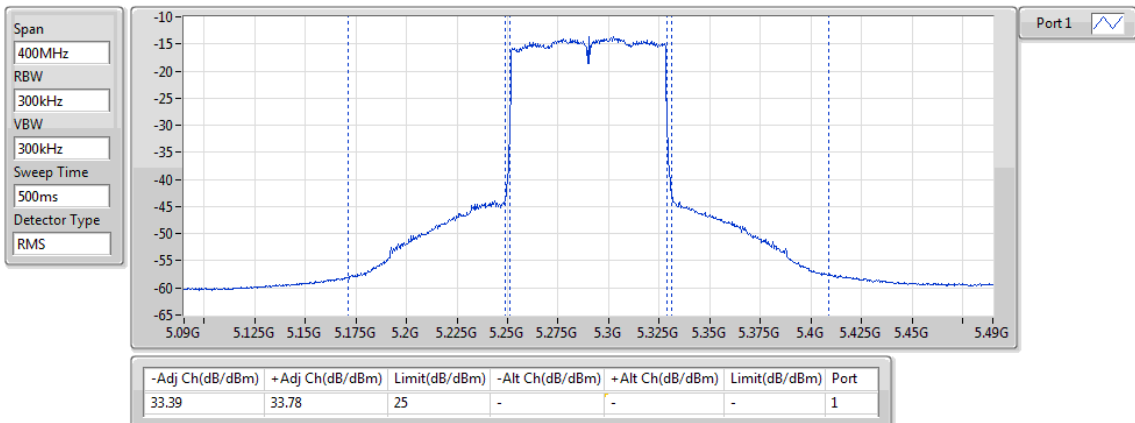
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5290MHz_TnomVmin

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802.11ac VHT80_Nss1,(MCS0)_1TX
5290MHz_TnomVmax

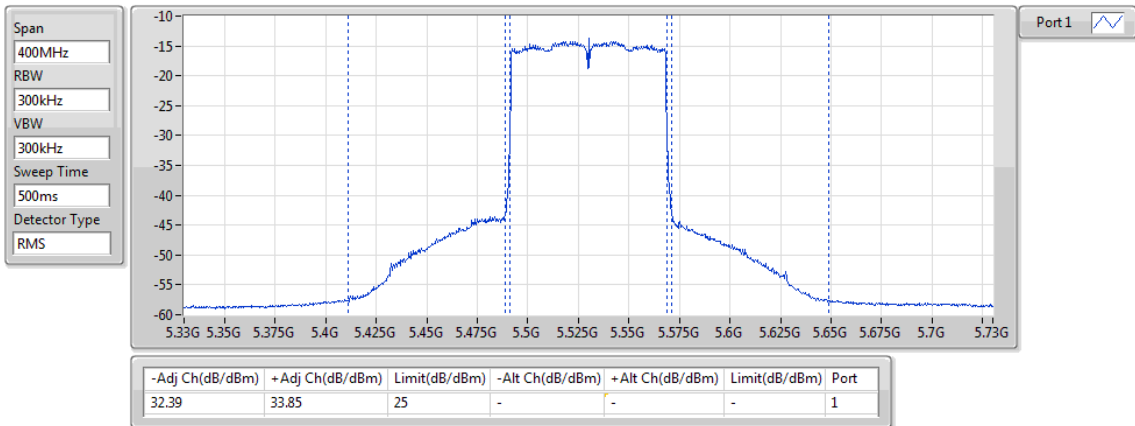
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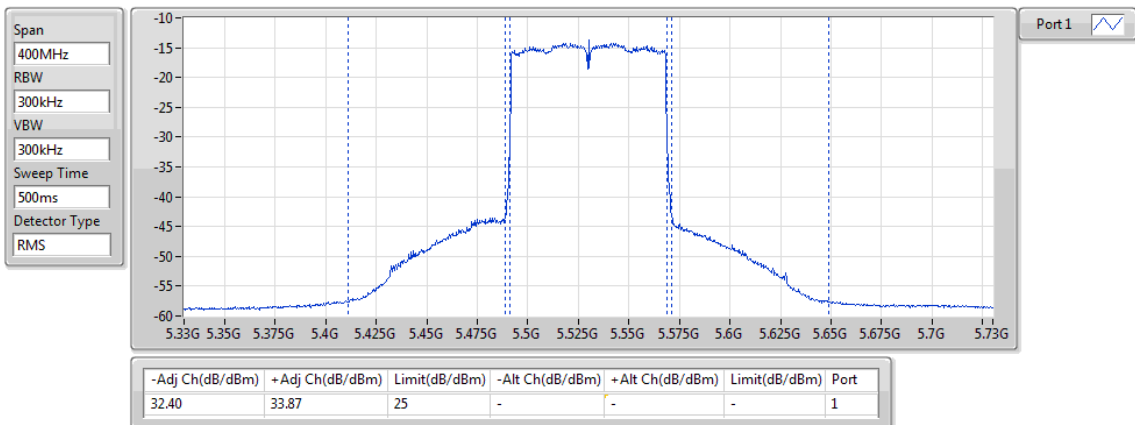
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5530MHz_TnomVnom

ACLR



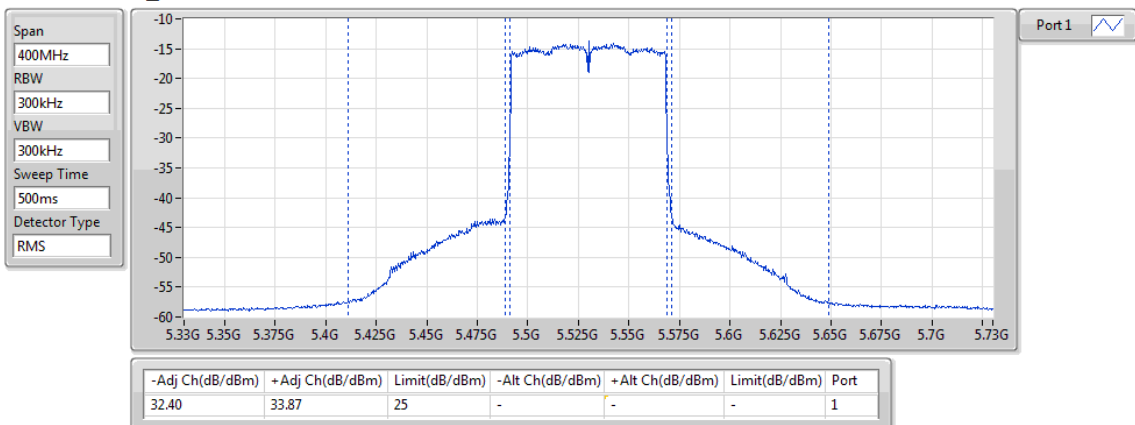
802.11ac VHT80_Nss1,(MCS0)_1TX
5530MHz_TnomVmin

ACLR



802.11ac VHT80_Nss1,(MCS0)_1TX
5530MHz_TnomVmax

ACLR

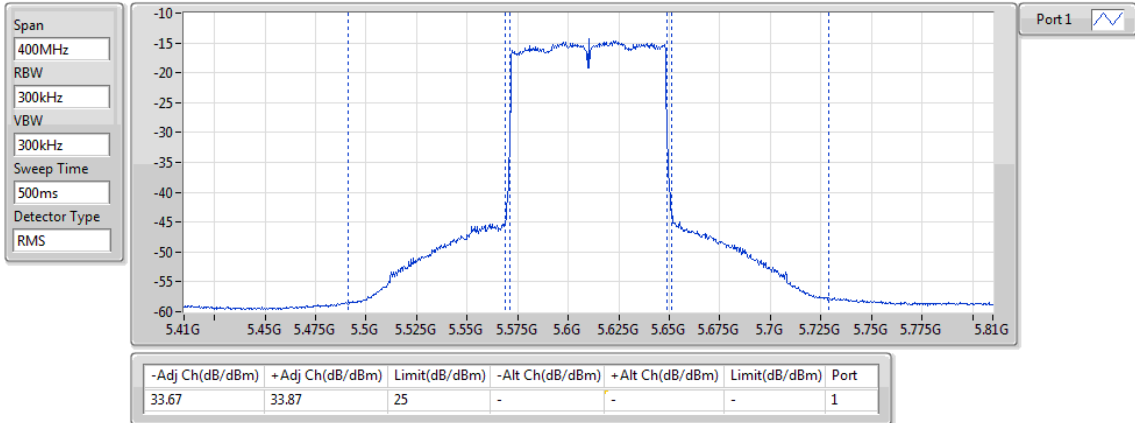




802.11ac VHT80_Nss1,(MCS0)_1TX

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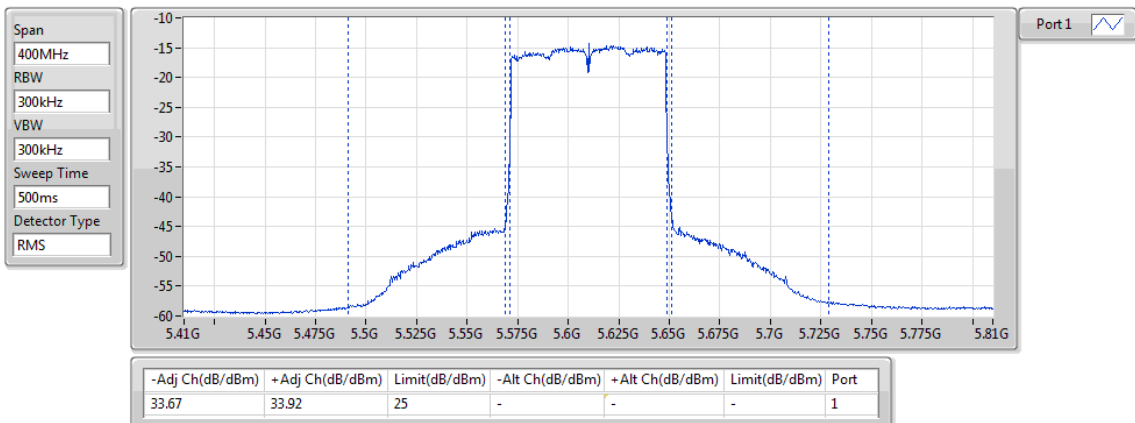
5610MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

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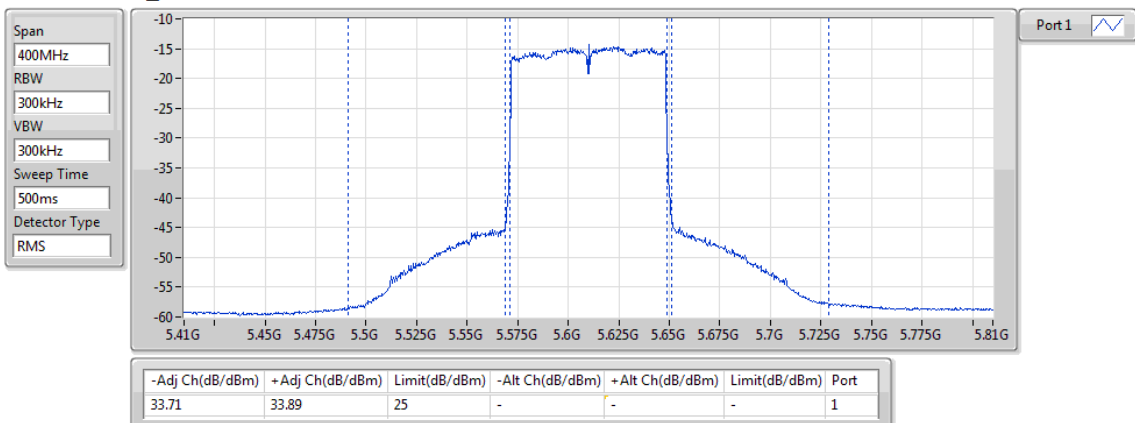
5610MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

ACLR

5610MHz_TnomVmax



**CSE-TX-EIRP Out-Band Leakage PowerResult****Appendix F****Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.25G	5.251G	1M	5250.988	-16.41	22.85599	-9.88	102.8	-6.53	4.00	-20.41	9.09913	-20.41	9.09913
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.25G	5.251G	1M	5250.999	-17.45	17.98871	-9.99	100.23	-7.46	4.00	-21.45	7.16143	-21.45	7.16143
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.1G	5.1416G	1M	5141.475	-40.92	0.08091	-26.02	2.5	-14.90	4.00	-44.92	0.03221	-44.92	0.03221
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.25G	5.251G	1M	5250.99	-17.40	18.19701	-9.90	102.33	-7.50	4.00	-21.40	7.24436	-21.40	7.24436
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.1G	5.1416G	1M	5141.309	-41.20	0.07586	-26.02	2.5	-15.18	4.00	-45.20	0.0302	-45.20	0.0302
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.25G	5.251G	1M	5250.971	-32.33	0.58479	-15.73	26.73	-16.60	4.00	-36.33	0.23281	-36.33	0.23281
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.249G	5.25G	1M	5249.004	-16.57	22.02926	-9.96	100.93	-6.61	4.00	-20.57	8.77001	-20.57	8.77001
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.249G	5.25G	1M	5249.043	-17.50	17.78279	-9.57	110.41	-7.93	4.00	-21.50	7.07946	-21.50	7.07946
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.2216G	5.23G	1M	5224.666	-37.37	0.18323	-24.20	3.8	-13.17	4.00	-41.37	0.07295	-41.37	0.07295
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.249G	5.25G	1M	5249.104	-16.61	21.8273	-8.96	127.06	-7.65	4.00	-20.61	8.6896	-20.61	8.6896
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.2216G	5.23G	1M	5222.448	-38.68	0.13552	-25.52	2.81	-13.16	4.00	-42.68	0.05395	-42.68	0.05395
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.2033G	5.21G	1M	5203.313	-38.34	0.14655	-26.02	2.5	-12.32	4.00	-42.34	0.05834	-42.34	0.05834
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.455G	5.46G	1M	5459.92	-38.17	0.15241	-26.02	2.5	-12.15	4.00	-42.17	0.06067	-42.17	0.06067
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.455G	5.46G	1M	5459.995	-40.25	0.09441	-26.02	2.5	-14.23	4.00	-44.25	0.03758	-44.25	0.03758
802.11n HT40_Nss1,(MCS0)_1TX	Pass	5.46G	5.47G	1M	5469.59	-34.52	0.35318	-13.01	50	-21.51	4.00	-38.52	0.1406	-38.52	0.1406
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	5.455G	5.46G	1M	5459.8	-40.37	0.09183	-26.02	2.5	-14.35	4.00	-44.37	0.03656	-44.37	0.03656
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	5.46G	5.47G	1M	5469.73	-33.86	0.41115	-13.01	50	-20.85	4.00	-37.86	0.16368	-37.86	0.16368
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	5.34G	5.46G	1M	5459.88	-35.24	0.29923	-19.03	12.5	-16.21	4.00	-39.24	0.11912	-39.24	0.11912



CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.14G	5.142G	1M	5141.688	-41.50	0.07079	-26.02	2.5	-15.48	4.00	-45.50	0.02818	-45.50	0.02818
5180MHz_TnomVnom	Pass	5.142G	5.15G	1M	5149.752	-39.18	0.12078	-18.24	15	-20.94	4.00	-43.18	0.04808	-43.18	0.04808
5180MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.998	-43.57	0.04395	-9.98	100.46	-33.59	4.00	-47.57	0.0175	-47.57	0.0175
5180MHz_TnomVnom	Pass	5.251G	5.26G	1M	5259.937	-43.06	0.04943	-17.96	16	-25.10	4.00	-47.06	0.01968	-47.06	0.01968
5180MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5266.68	-43.09	0.04909	-26.00	2.51	-17.09	4.00	-47.09	0.01954	-47.09	0.01954
5180MHz_TnomVnom	Pass	5.2667G	5.36G	1M	5336.115	-42.80	0.05248	-26.02	2.5	-16.78	4.00	-46.80	0.02089	-46.80	0.02089
5180MHz_TnomVmin	Pass	5.14G	5.142G	1M	5140.738	-41.51	0.07063	-26.02	2.5	-15.49	4.00	-45.51	0.02812	-45.51	0.02812
5180MHz_TnomVmin	Pass	5.142G	5.15G	1M	5149.848	-39.28	0.11803	-18.24	15	-21.04	4.00	-43.28	0.04699	-43.28	0.04699
5180MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.99	-43.50	0.04467	-9.90	102.33	-33.60	4.00	-47.50	0.01778	-47.50	0.01778
5180MHz_TnomVmin	Pass	5.251G	5.26G	1M	5260	-43.10	0.04898	-18.01	15.81	-25.09	4.00	-47.10	0.0195	-47.10	0.0195
5180MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5266.626	-43.22	0.04764	-25.93	2.55	-17.29	4.00	-47.22	0.01897	-47.22	0.01897
5180MHz_TnomVmin	Pass	5.2667G	5.36G	1M	5348.244	-42.90	0.05129	-26.02	2.5	-16.88	4.00	-46.90	0.02042	-46.90	0.02042
5180MHz_TnomVmax	Pass	5.14G	5.142G	1M	5141.918	-41.45	0.07161	-26.02	2.5	-15.43	4.00	-45.45	0.02851	-45.45	0.02851
5180MHz_TnomVmax	Pass	5.142G	5.15G	1M	5149.824	-39.15	0.12162	-18.24	15	-20.91	4.00	-43.15	0.04842	-43.15	0.04842
5180MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.996	-43.46	0.04508	-9.96	100.93	-33.50	4.00	-47.46	0.01795	-47.46	0.01795
5180MHz_TnomVmax	Pass	5.251G	5.26G	1M	5259.883	-43.03	0.04977	-17.91	16.18	-25.12	4.00	-47.03	0.01982	-47.03	0.01982
5180MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5266.693	-43.33	0.04645	-26.01	2.51	-17.32	4.00	-47.33	0.01849	-47.33	0.01849
5180MHz_TnomVmax	Pass	5.2667G	5.36G	1M	5336.675	-42.74	0.05321	-26.02	2.5	-16.72	4.00	-46.74	0.02118	-46.74	0.02118
5240MHz_TnomVnom	Pass	5.14G	5.142G	1M	5141.262	-45.24	0.02992	-26.02	2.5	-19.22	4.00	-49.24	0.01191	-49.24	0.01191
5240MHz_TnomVnom	Pass	5.142G	5.15G	1M	5148.416	-44.40	0.03631	-18.24	15	-26.16	4.00	-48.40	0.01445	-48.40	0.01445
5240MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.937	-15.97	25.29298	-9.37	115.61	-6.60	4.00	-19.97	10.06932	-19.97	10.06932
5240MHz_TnomVnom	Pass	5.251G	5.26G	1M	5251	-17.29	18.6638	-10.00	100	-7.29	4.00	-21.29	7.43019	-21.29	7.43019
5240MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5266.693	-34.21	0.37931	-26.01	2.51	-8.20	4.00	-38.21	0.15101	-38.21	0.15101
5240MHz_TnomVnom	Pass	5.2667G	5.36G	1M	5266.887	-34.78	0.33266	-26.02	2.5	-8.76	4.00	-38.78	0.13243	-38.78	0.13243
5240MHz_TnomVmin	Pass	5.14G	5.142G	1M	5141.184	-45.20	0.0302	-26.02	2.5	-19.18	4.00	-49.20	0.01202	-49.20	0.01202
5240MHz_TnomVmin	Pass	5.142G	5.15G	1M	5147.096	-44.37	0.03656	-18.24	15	-26.13	4.00	-48.37	0.01455	-48.37	0.01455
5240MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.99	-16.44	22.69865	-9.90	102.33	-6.54	4.00	-20.44	9.03649	-20.44	9.03649
5240MHz_TnomVmin	Pass	5.251G	5.26G	1M	5251.009	-16.58	21.9786	-10.01	99.77	-6.57	4.00	-20.58	8.74984	-20.58	8.74984
5240MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5266.586	-34.11	0.38815	-25.88	2.58	-8.23	4.00	-38.11	0.15453	-38.11	0.15453
5240MHz_TnomVmin	Pass	5.2667G	5.36G	1M	5266.7	-34.25	0.37584	-26.02	2.5	-8.23	4.00	-38.25	0.14962	-38.25	0.14962
5240MHz_TnomVmax	Pass	5.14G	5.142G	1M	5141.686	-45.22	0.03006	-26.02	2.5	-19.20	4.00	-49.22	0.01197	-49.22	0.01197
5240MHz_TnomVmax	Pass	5.142G	5.15G	1M	5147.8	-44.31	0.03707	-18.24	15	-26.07	4.00	-48.31	0.01476	-48.31	0.01476
5240MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.988	-16.41	22.85599	-9.88	102.8	-6.53	4.00	-20.41	9.09913	-20.41	9.09913
5240MHz_TnomVmax	Pass	5.251G	5.26G	1M	5251.018	-16.94	20.23019	-10.02	99.54	-6.92	4.00	-20.94	8.05378	-20.94	8.05378
5240MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5266.68	-34.19	0.38107	-26.00	2.51	-8.19	4.00	-38.19	0.15171	-38.19	0.15171
5240MHz_TnomVmax	Pass	5.2667G	5.36G	1M	5266.7	-34.44	0.35975	-26.02	2.5	-8.42	4.00	-38.44	0.14322	-38.44	0.14322
5260MHz_TnomVnom	Pass	5.14G	5.2333G	1M	5233.3	-33.29	0.46881	-26.02	2.5	-7.27	4.00	-37.29	0.18664	-37.29	0.18664
5260MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5233.327	-33.30	0.46774	-25.99	2.52	-7.31	4.00	-37.30	0.18621	-37.30	0.18621
5260MHz_TnomVnom	Pass	5.24G	5.249G	1M	5249	-16.75	21.13489	-10.00	100	-6.75	4.00	-20.75	8.41395	-20.75	8.41395
5260MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.004	-16.57	22.02926	-9.96	100.93	-6.61	4.00	-20.57	8.77001	-20.57	8.77001
5260MHz_TnomVnom	Pass	5.35G	5.36G	1M	5358.53	-42.47	0.05662	-26.02	2.5	-16.45	4.00	-46.47	0.02254	-46.47	0.02254
5260MHz_TnomVmin	Pass	5.14G	5.2333G	1M	5233.3	-33.40	0.45709	-26.02	2.5	-7.38	4.00	-37.40	0.18197	-37.40	0.18197



CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5260MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5233.4	-33.11	0.48865	-25.90	2.57	-7.21	4.00	-37.11	0.19454	-37.11	0.19454
5260MHz_TnomVmin	Pass	5.24G	5.249G	1M	5249	-16.83	20.74914	-10.00	100	-6.83	4.00	-20.83	8.26038	-20.83	8.26038
5260MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.007	-16.63	21.72701	-9.93	101.62	-6.70	4.00	-20.63	8.64968	-20.63	8.64968
5260MHz_TnomVmin	Pass	5.35G	5.36G	1M	5356.23	-42.60	0.05495	-26.02	2.5	-16.58	4.00	-46.60	0.02188	-46.60	0.02188
5260MHz_TnomVmax	Pass	5.14G	5.2333G	1M	5233.3	-33.36	0.46132	-26.02	2.5	-7.34	4.00	-37.36	0.18365	-37.36	0.18365
5260MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5233.354	-33.19	0.47973	-25.96	2.54	-7.23	4.00	-37.19	0.19099	-37.19	0.19099
5260MHz_TnomVmax	Pass	5.24G	5.249G	1M	5248.991	-16.89	20.46445	-10.01	99.77	-6.88	4.00	-20.89	8.14704	-20.89	8.14704
5260MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.001	-16.61	21.8273	-9.99	100.23	-6.62	4.00	-20.61	8.6896	-20.61	8.6896
5260MHz_TnomVmax	Pass	5.35G	5.36G	1M	5357.15	-42.52	0.05598	-26.02	2.5	-16.50	4.00	-46.52	0.02228	-46.52	0.02228
5320MHz_TnomVnom	Pass	5.14G	5.2333G	1M	5231.527	-43.17	0.04819	-26.02	2.5	-17.15	4.00	-47.17	0.01919	-47.17	0.01919
5320MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5233.374	-43.27	0.0471	-25.93	2.55	-17.34	4.00	-47.27	0.01875	-47.27	0.01875
5320MHz_TnomVnom	Pass	5.24G	5.249G	1M	5240	-43.22	0.04764	-18.01	15.81	-25.21	4.00	-47.22	0.01897	-47.22	0.01897
5320MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.005	-43.82	0.0415	-9.95	101.16	-33.87	4.00	-47.82	0.01652	-47.82	0.01652
5320MHz_TnomVnom	Pass	5.35G	5.36G	1M	5350.11	-34.96	0.31915	-26.02	2.5	-8.94	4.00	-38.96	0.12706	-38.96	0.12706
5320MHz_TnomVmin	Pass	5.14G	5.2333G	1M	5232.927	-43.19	0.04797	-26.02	2.5	-17.17	4.00	-47.19	0.0191	-47.19	0.0191
5320MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5233.307	-43.23	0.04753	-26.01	2.51	-17.22	4.00	-47.23	0.01892	-47.23	0.01892
5320MHz_TnomVmin	Pass	5.24G	5.249G	1M	5240.018	-43.17	0.04819	-18.00	15.85	-25.17	4.00	-47.17	0.01919	-47.17	0.01919
5320MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249	-43.88	0.04093	-10.00	100	-33.88	4.00	-47.88	0.01629	-47.88	0.01629
5320MHz_TnomVmin	Pass	5.35G	5.36G	1M	5350.04	-34.88	0.32509	-26.02	2.5	-8.86	4.00	-38.88	0.12942	-38.88	0.12942
5320MHz_TnomVmax	Pass	5.14G	5.2333G	1M	5230.501	-43.15	0.04842	-26.02	2.5	-17.13	4.00	-47.15	0.01928	-47.15	0.01928
5320MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5233.387	-43.10	0.04898	-25.92	2.56	-17.18	4.00	-47.10	0.0195	-47.10	0.0195
5320MHz_TnomVmax	Pass	5.24G	5.249G	1M	5240.018	-43.20	0.04786	-18.00	15.85	-25.20	4.00	-47.20	0.01905	-47.20	0.01905
5320MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.002	-43.79	0.04178	-9.98	100.46	-33.81	4.00	-47.79	0.01663	-47.79	0.01663
5320MHz_TnomVmax	Pass	5.35G	5.36G	1M	5350.03	-34.87	0.32584	-26.02	2.5	-8.85	4.00	-38.87	0.12972	-38.87	0.12972
5500MHz_TnomVnom	Pass	5.455G	5.46G	1M	5459.92	-38.24	0.14997	-26.02	2.5	-12.22	4.00	-42.24	0.0597	-42.24	0.0597
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5469.87	-34.14	0.38548	-19.03	12.5	-15.11	4.00	-38.14	0.15346	-38.14	0.15346
5500MHz_TnomVnom	Pass	5.725G	5.74G	1M	5728.87	-41.43	0.07194	-19.03	12.5	-22.40	4.00	-45.43	0.02864	-45.43	0.02864
5500MHz_TnomVnom	Pass	5.74G	5.745G	1M	5744.595	-43.25	0.04732	-26.02	2.5	-17.23	4.00	-47.25	0.01884	-47.25	0.01884
5500MHz_TnomVmin	Pass	5.455G	5.46G	1M	5459.795	-38.26	0.14928	-26.02	2.5	-12.24	4.00	-42.26	0.05943	-42.26	0.05943
5500MHz_TnomVmin	Pass	5.46G	5.47G	1M	5469.78	-34.09	0.38994	-19.03	12.5	-15.06	4.00	-38.09	0.15524	-38.09	0.15524
5500MHz_TnomVmin	Pass	5.725G	5.74G	1M	5729.335	-41.40	0.07244	-19.03	12.5	-22.37	4.00	-45.40	0.02884	-45.40	0.02884
5500MHz_TnomVmin	Pass	5.74G	5.745G	1M	5741.215	-43.27	0.0471	-26.02	2.5	-17.25	4.00	-47.27	0.01875	-47.27	0.01875
5500MHz_TnomVmax	Pass	5.455G	5.46G	1M	5459.92	-38.17	0.15241	-26.02	2.5	-12.15	4.00	-42.17	0.06067	-42.17	0.06067
5500MHz_TnomVmax	Pass	5.46G	5.47G	1M	5469.98	-34.10	0.38905	-19.03	12.5	-15.07	4.00	-38.10	0.15488	-38.10	0.15488
5500MHz_TnomVmax	Pass	5.725G	5.74G	1M	5729.125	-41.52	0.07047	-19.03	12.5	-22.49	4.00	-45.52	0.02805	-45.52	0.02805
5500MHz_TnomVmax	Pass	5.74G	5.745G	1M	5744.03	-43.25	0.04732	-26.02	2.5	-17.23	4.00	-47.25	0.01884	-47.25	0.01884
5600MHz_TnomVnom	Pass	5.455G	5.46G	1M	5458.57	-43.62	0.04345	-26.02	2.5	-17.60	4.00	-47.62	0.0173	-47.62	0.0173
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5468.86	-43.55	0.04416	-19.03	12.5	-24.52	4.00	-47.55	0.01758	-47.55	0.01758
5600MHz_TnomVnom	Pass	5.725G	5.74G	1M	5727.85	-42.97	0.05047	-19.03	12.5	-23.94	4.00	-46.97	0.02009	-46.97	0.02009
5600MHz_TnomVnom	Pass	5.74G	5.745G	1M	5742.67	-43.02	0.04989	-26.02	2.5	-17.00	4.00	-47.02	0.01986	-47.02	0.01986
5600MHz_TnomVmin	Pass	5.455G	5.46G	1M	5457.2	-43.64	0.04325	-26.02	2.5	-17.62	4.00	-47.64	0.01722	-47.64	0.01722
5600MHz_TnomVmin	Pass	5.46G	5.47G	1M	5463.02	-43.55	0.04416	-19.03	12.5	-24.52	4.00	-47.55	0.01758	-47.55	0.01758
5600MHz_TnomVmin	Pass	5.725G	5.74G	1M	5730.565	-42.98	0.05035	-19.03	12.5	-23.95	4.00	-46.98	0.02004	-46.98	0.02004
5600MHz_TnomVmin	Pass	5.74G	5.745G	1M	5742.98	-43.04	0.04966	-26.02	2.5	-17.02	4.00	-47.04	0.01977	-47.04	0.01977



CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5600MHz_TnomVmax	Pass	5.455G	5.46G	1M	5459.21	-43.68	0.04285	-26.02	2.5	-17.66	4.00	-47.68	0.01706	-47.68	0.01706
5600MHz_TnomVmax	Pass	5.46G	5.47G	1M	5469.01	-43.66	0.04305	-19.03	12.5	-24.63	4.00	-47.66	0.01714	-47.66	0.01714
5600MHz_TnomVmax	Pass	5.725G	5.74G	1M	5725.45	-43.02	0.04989	-19.03	12.5	-23.99	4.00	-47.02	0.01986	-47.02	0.01986
5600MHz_TnomVmax	Pass	5.74G	5.745G	1M	5743.24	-42.88	0.05152	-26.02	2.5	-16.86	4.00	-46.88	0.02051	-46.88	0.02051
5700MHz_TnomVnom	Pass	5.455G	5.46G	1M	5459.11	-43.85	0.04121	-26.02	2.5	-17.83	4.00	-47.85	0.01641	-47.85	0.01641
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5469.39	-43.65	0.04315	-19.03	12.5	-24.62	4.00	-47.65	0.01718	-47.65	0.01718
5700MHz_TnomVnom	Pass	5.725G	5.74G	1M	5725.06	-33.11	0.48865	-19.03	12.5	-14.08	4.00	-37.11	0.19454	-37.11	0.19454
5700MHz_TnomVnom	Pass	5.74G	5.745G	1M	5740	-39.78	0.1052	-26.02	2.5	-13.76	4.00	-43.78	0.04188	-43.78	0.04188
5700MHz_TnomVmin	Pass	5.455G	5.46G	1M	5455.59	-43.88	0.04093	-26.02	2.5	-17.86	4.00	-47.88	0.01629	-47.88	0.01629
5700MHz_TnomVmin	Pass	5.46G	5.47G	1M	5466.69	-43.78	0.04188	-19.03	12.5	-24.75	4.00	-47.78	0.01667	-47.78	0.01667
5700MHz_TnomVmin	Pass	5.725G	5.74G	1M	5725.015	-33.24	0.47424	-19.03	12.5	-14.21	4.00	-37.24	0.1888	-37.24	0.1888
5700MHz_TnomVmin	Pass	5.74G	5.745G	1M	5741.26	-39.73	0.10641	-26.02	2.5	-13.71	4.00	-43.73	0.04236	-43.73	0.04236
5700MHz_TnomVmax	Pass	5.455G	5.46G	1M	5456.265	-43.65	0.04315	-26.02	2.5	-17.63	4.00	-47.65	0.01718	-47.65	0.01718
5700MHz_TnomVmax	Pass	5.46G	5.47G	1M	5468.05	-43.73	0.04236	-19.03	12.5	-24.70	4.00	-47.73	0.01687	-47.73	0.01687
5700MHz_TnomVmax	Pass	5.725G	5.74G	1M	5725.015	-33.24	0.47424	-19.03	12.5	-14.21	4.00	-37.24	0.1888	-37.24	0.1888
5700MHz_TnomVmax	Pass	5.74G	5.745G	1M	5740.07	-39.87	0.10304	-26.02	2.5	-13.85	4.00	-43.87	0.04102	-43.87	0.04102
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.14G	5.142G	1M	5141.8	-42.98	0.05035	-26.02	2.5	-16.96	4.00	-46.98	0.02004	-46.98	0.02004
5180MHz_TnomVnom	Pass	5.142G	5.15G	1M	5148.704	-42.16	0.06081	-18.24	15	-23.92	4.00	-46.16	0.02421	-46.16	0.02421
5180MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.998	-43.84	0.0413	-9.98	100.46	-33.86	4.00	-47.84	0.01644	-47.84	0.01644
5180MHz_TnomVnom	Pass	5.251G	5.26G	1M	5259.982	-43.15	0.04842	-18.00	15.85	-25.15	4.00	-47.15	0.01928	-47.15	0.01928
5180MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5266.7	-43.41	0.0456	-26.02	2.5	-17.39	4.00	-47.41	0.01816	-47.41	0.01816
5180MHz_TnomVnom	Pass	5.2667G	5.36G	1M	5357.481	-42.88	0.05152	-26.02	2.5	-16.86	4.00	-46.88	0.02051	-46.88	0.02051
5180MHz_TnomVmin	Pass	5.14G	5.142G	1M	5141.846	-43.02	0.04989	-26.02	2.5	-17.00	4.00	-47.02	0.01986	-47.02	0.01986
5180MHz_TnomVmin	Pass	5.142G	5.15G	1M	5148.296	-42.14	0.06109	-18.24	15	-23.90	4.00	-46.14	0.02432	-46.14	0.02432
5180MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.995	-43.80	0.04169	-9.95	101.16	-33.85	4.00	-47.80	0.0166	-47.80	0.0166
5180MHz_TnomVmin	Pass	5.251G	5.26G	1M	5259.955	-43.22	0.04764	-17.97	15.96	-25.25	4.00	-47.22	0.01897	-47.22	0.01897
5180MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5266.673	-43.45	0.04519	-25.99	2.52	-17.46	4.00	-47.45	0.01799	-47.45	0.01799
5180MHz_TnomVmin	Pass	5.2667G	5.36G	1M	5334.529	-42.90	0.05129	-26.02	2.5	-16.88	4.00	-46.90	0.02042	-46.90	0.02042
5180MHz_TnomVmax	Pass	5.14G	5.142G	1M	5141.358	-43.07	0.04932	-26.02	2.5	-17.05	4.00	-47.07	0.01963	-47.07	0.01963
5180MHz_TnomVmax	Pass	5.142G	5.15G	1M	5148.144	-42.11	0.06152	-18.24	15	-23.87	4.00	-46.11	0.02449	-46.11	0.02449
5180MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.993	-43.83	0.0414	-9.93	101.62	-33.90	4.00	-47.83	0.01648	-47.83	0.01648
5180MHz_TnomVmax	Pass	5.251G	5.26G	1M	5259.973	-43.24	0.04742	-17.99	15.89	-25.25	4.00	-47.24	0.01888	-47.24	0.01888
5180MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5266.667	-43.40	0.04571	-25.98	2.52	-17.42	4.00	-47.40	0.0182	-47.40	0.0182
5180MHz_TnomVmax	Pass	5.2667G	5.36G	1M	5336.768	-42.93	0.05093	-26.02	2.5	-16.91	4.00	-46.93	0.02028	-46.93	0.02028
5240MHz_TnomVnom	Pass	5.14G	5.142G	1M	5140.808	-45.35	0.02917	-26.02	2.5	-19.33	4.00	-49.35	0.01161	-49.35	0.01161
5240MHz_TnomVnom	Pass	5.142G	5.15G	1M	5147.256	-44.37	0.03656	-18.24	15	-26.13	4.00	-48.37	0.01455	-48.37	0.01455
5240MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.964	-17.32	18.53532	-9.64	108.64	-7.68	4.00	-21.32	7.37904	-21.32	7.37904
5240MHz_TnomVnom	Pass	5.251G	5.26G	1M	5251.018	-18.00	15.84893	-10.02	99.54	-7.98	4.00	-22.00	6.30957	-22.00	6.30957
5240MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5266.687	-40.83	0.0826	-26.00	2.51	-14.83	4.00	-44.83	0.03289	-44.83	0.03289
5240MHz_TnomVnom	Pass	5.2667G	5.36G	1M	5266.98	-40.86	0.08204	-26.02	2.5	-14.84	4.00	-44.86	0.03266	-44.86	0.03266
5240MHz_TnomVmin	Pass	5.14G	5.142G	1M	5141.904	-45.29	0.02958	-26.02	2.5	-19.27	4.00	-49.29	0.01178	-49.29	0.01178
5240MHz_TnomVmin	Pass	5.142G	5.15G	1M	5149.848	-44.49	0.03556	-18.24	15	-26.25	4.00	-48.49	0.01416	-48.49	0.01416
5240MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.922	-16.73	21.23244	-9.22	119.67	-7.51	4.00	-20.73	8.45279	-20.73	8.45279

**CSE-TX-EIRP Out-Band Leakage PowerResult****Appendix F**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5240MHz_TnomVmin	Pass	5.251G	5.26G	1M	5251.009	-17.92	16.14359	-10.01	99.77	-7.91	4.00	-21.92	6.42688	-21.92	6.42688
5240MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5266.66	-40.89	0.08147	-25.97	2.53	-14.92	4.00	-44.89	0.03243	-44.89	0.03243
5240MHz_TnomVmin	Pass	5.2667G	5.36G	1M	5266.7	-40.62	0.0867	-26.02	2.5	-14.60	4.00	-44.62	0.03451	-44.62	0.03451
5240MHz_TnomVmax	Pass	5.14G	5.142G	1M	5141.252	-45.24	0.02992	-26.02	2.5	-19.22	4.00	-49.24	0.01191	-49.24	0.01191
5240MHz_TnomVmax	Pass	5.142G	5.15G	1M	5146.296	-44.52	0.03532	-18.24	15	-26.28	4.00	-48.52	0.01406	-48.52	0.01406
5240MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.999	-17.45	17.98871	-9.99	100.23	-7.46	4.00	-21.45	7.16143	-21.45	7.16143
5240MHz_TnomVmax	Pass	5.251G	5.26G	1M	5251.018	-17.89	16.25549	-10.02	99.54	-7.87	4.00	-21.89	6.47143	-21.89	6.47143
5240MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5266.62	-40.81	0.08299	-25.92	2.56	-14.89	4.00	-44.81	0.03304	-44.81	0.03304
5240MHz_TnomVmax	Pass	5.2667G	5.36G	1M	5266.887	-40.98	0.0798	-26.02	2.5	-14.96	4.00	-44.98	0.03177	-44.98	0.03177
5260MHz_TnomVnom	Pass	5.14G	5.2333G	1M	5233.207	-34.41	0.36224	-26.02	2.5	-8.39	4.00	-38.41	0.14421	-38.41	0.14421
5260MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5233.3	-34.04	0.39446	-26.02	2.5	-8.02	4.00	-38.04	0.15704	-38.04	0.15704
5260MHz_TnomVnom	Pass	5.24G	5.249G	1M	5248.973	-18.35	14.62177	-10.02	99.54	-8.33	4.00	-22.35	5.82103	-22.35	5.82103
5260MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.023	-17.76	16.74943	-9.77	105.44	-7.99	4.00	-21.76	6.66807	-21.76	6.66807
5260MHz_TnomVnom	Pass	5.35G	5.36G	1M	5353.68	-42.67	0.05408	-26.02	2.5	-16.65	4.00	-46.67	0.02153	-46.67	0.02153
5260MHz_TnomVmin	Pass	5.14G	5.2333G	1M	5233.207	-34.28	0.37325	-26.02	2.5	-8.26	4.00	-38.28	0.14859	-38.28	0.14859
5260MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5233.327	-34.14	0.38548	-25.99	2.52	-8.15	4.00	-38.14	0.15346	-38.14	0.15346
5260MHz_TnomVmin	Pass	5.24G	5.249G	1M	5249	-18.03	15.73983	-10.00	100	-8.03	4.00	-22.03	6.26614	-22.03	6.26614
5260MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.032	-17.62	17.29816	-9.68	107.65	-7.94	4.00	-21.62	6.88652	-21.62	6.88652
5260MHz_TnomVmin	Pass	5.35G	5.36G	1M	5357.51	-42.76	0.05297	-26.02	2.5	-16.74	4.00	-46.76	0.02109	-46.76	0.02109
5260MHz_TnomVmax	Pass	5.14G	5.2333G	1M	5232.647	-34.51	0.354	-26.02	2.5	-8.49	4.00	-38.51	0.14093	-38.51	0.14093
5260MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5233.347	-34.11	0.38815	-25.96	2.54	-8.15	4.00	-38.11	0.15453	-38.11	0.15453
5260MHz_TnomVmax	Pass	5.24G	5.249G	1M	5248.982	-18.04	15.70363	-10.02	99.54	-8.02	4.00	-22.04	6.25173	-22.04	6.25173
5260MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.043	-17.50	17.78279	-9.57	110.41	-7.93	4.00	-21.50	7.07946	-21.50	7.07946
5260MHz_TnomVmax	Pass	5.35G	5.36G	1M	5350.48	-42.78	0.05272	-26.02	2.5	-16.76	4.00	-46.78	0.02099	-46.78	0.02099
5320MHz_TnomVnom	Pass	5.14G	5.2333G	1M	5231.061	-43.29	0.04688	-26.02	2.5	-17.27	4.00	-47.29	0.01866	-47.29	0.01866
5320MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5233.38	-43.36	0.04613	-25.92	2.56	-17.44	4.00	-47.36	0.01837	-47.36	0.01837
5320MHz_TnomVnom	Pass	5.24G	5.249G	1M	5240.189	-43.14	0.04853	-17.85	16.41	-25.29	4.00	-47.14	0.01932	-47.14	0.01932
5320MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.008	-44.08	0.03908	-9.92	101.86	-34.16	4.00	-48.08	0.01556	-48.08	0.01556
5320MHz_TnomVnom	Pass	5.35G	5.36G	1M	5350.25	-36.35	0.23174	-26.02	2.5	-10.33	4.00	-40.35	0.09226	-40.35	0.09226
5320MHz_TnomVmin	Pass	5.14G	5.2333G	1M	5229.848	-43.32	0.04656	-26.02	2.5	-17.30	4.00	-47.32	0.01854	-47.32	0.01854
5320MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5233.307	-43.46	0.04508	-26.01	2.51	-17.45	4.00	-47.46	0.01795	-47.46	0.01795
5320MHz_TnomVmin	Pass	5.24G	5.249G	1M	5240.063	-43.34	0.04634	-17.96	16	-25.38	4.00	-47.34	0.01845	-47.34	0.01845
5320MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.006	-44.01	0.03972	-9.94	101.39	-34.07	4.00	-48.01	0.01581	-48.01	0.01581
5320MHz_TnomVmin	Pass	5.35G	5.36G	1M	5350.05	-36.19	0.24044	-26.02	2.5	-10.17	4.00	-40.19	0.09572	-40.19	0.09572
5320MHz_TnomVmax	Pass	5.14G	5.2333G	1M	5231.714	-43.33	0.04645	-26.02	2.5	-17.31	4.00	-47.33	0.01849	-47.33	0.01849
5320MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5233.367	-43.37	0.04603	-25.94	2.55	-17.43	4.00	-47.37	0.01832	-47.37	0.01832
5320MHz_TnomVmax	Pass	5.24G	5.249G	1M	5240.144	-43.21	0.04775	-17.89	16.26	-25.32	4.00	-47.21	0.01901	-47.21	0.01901
5320MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.004	-44.08	0.03908	-9.96	100.93	-34.12	4.00	-48.08	0.01556	-48.08	0.01556
5320MHz_TnomVmax	Pass	5.35G	5.36G	1M	5350.29	-36.32	0.23335	-26.02	2.5	-10.30	4.00	-40.32	0.0929	-40.32	0.0929
5500MHz_TnomVnom	Pass	5.455G	5.46G	1M	5459.385	-40.50	0.08913	-26.02	2.5	-14.48	4.00	-44.50	0.03548	-44.50	0.03548
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5469.74	-35.15	0.30549	-19.03	12.5	-16.12	4.00	-39.15	0.12162	-39.15	0.12162
5500MHz_TnomVnom	Pass	5.725G	5.74G	1M	5729.305	-41.84	0.06546	-19.03	12.5	-22.81	4.00	-45.84	0.02606	-45.84	0.02606
5500MHz_TnomVnom	Pass	5.74G	5.745G	1M	5744.375	-43.41	0.0456	-26.02	2.5	-17.39	4.00	-47.41	0.01816	-47.41	0.01816
5500MHz_TnomVmin	Pass	5.455G	5.46G	1M	5459.995	-40.25	0.09441	-26.02	2.5	-14.23	4.00	-44.25	0.03758	-44.25	0.03758



CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5500MHz_TnomVmin	Pass	5.46G	5.47G	1M	5469.96	-35.19	0.30269	-19.03	12.5	-16.16	4.00	-39.19	0.1205	-39.19	0.1205
5500MHz_TnomVmin	Pass	5.725G	5.74G	1M	5729.11	-42.03	0.06266	-19.03	12.5	-23.00	4.00	-46.03	0.02495	-46.03	0.02495
5500MHz_TnomVmin	Pass	5.74G	5.745G	1M	5740.13	-43.38	0.04592	-26.02	2.5	-17.36	4.00	-47.38	0.01828	-47.38	0.01828
5500MHz_TnomVmax	Pass	5.455G	5.46G	1M	5459.945	-40.45	0.09016	-26.02	2.5	-14.43	4.00	-44.45	0.03589	-44.45	0.03589
5500MHz_TnomVmax	Pass	5.46G	5.47G	1M	5469.98	-35.22	0.30061	-19.03	12.5	-16.19	4.00	-39.22	0.11967	-39.22	0.11967
5500MHz_TnomVmax	Pass	5.725G	5.74G	1M	5729.335	-41.89	0.06471	-19.03	12.5	-22.86	4.00	-45.89	0.02576	-45.89	0.02576
5500MHz_TnomVmax	Pass	5.74G	5.745G	1M	5740.045	-43.33	0.04645	-26.02	2.5	-17.31	4.00	-47.33	0.01849	-47.33	0.01849
5600MHz_TnomVnom	Pass	5.455G	5.46G	1M	5458.705	-43.85	0.04121	-26.02	2.5	-17.83	4.00	-47.85	0.01641	-47.85	0.01641
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5460.69	-43.75	0.04217	-19.03	12.5	-24.72	4.00	-47.75	0.01679	-47.75	0.01679
5600MHz_TnomVnom	Pass	5.725G	5.74G	1M	5727.01	-43.13	0.04864	-19.03	12.5	-24.10	4.00	-47.13	0.01936	-47.13	0.01936
5600MHz_TnomVnom	Pass	5.74G	5.745G	1M	5744.885	-43.25	0.04732	-26.02	2.5	-17.23	4.00	-47.25	0.01884	-47.25	0.01884
5600MHz_TnomVmin	Pass	5.455G	5.46G	1M	5455.635	-43.79	0.04178	-26.02	2.5	-17.77	4.00	-47.79	0.01663	-47.79	0.01663
5600MHz_TnomVmin	Pass	5.46G	5.47G	1M	5464.76	-43.75	0.04217	-19.03	12.5	-24.72	4.00	-47.75	0.01679	-47.75	0.01679
5600MHz_TnomVmin	Pass	5.725G	5.74G	1M	5726.785	-43.18	0.04808	-19.03	12.5	-24.15	4.00	-47.18	0.01914	-47.18	0.01914
5600MHz_TnomVmin	Pass	5.74G	5.745G	1M	5741.205	-43.18	0.04808	-26.02	2.5	-17.16	4.00	-47.18	0.01914	-47.18	0.01914
5600MHz_TnomVmax	Pass	5.455G	5.46G	1M	5459.375	-43.86	0.04111	-26.02	2.5	-17.84	4.00	-47.86	0.01637	-47.86	0.01637
5600MHz_TnomVmax	Pass	5.46G	5.47G	1M	5464.29	-43.75	0.04217	-19.03	12.5	-24.72	4.00	-47.75	0.01679	-47.75	0.01679
5600MHz_TnomVmax	Pass	5.725G	5.74G	1M	5726.785	-43.00	0.05012	-19.03	12.5	-23.97	4.00	-47.00	0.01995	-47.00	0.01995
5600MHz_TnomVmax	Pass	5.74G	5.745G	1M	5741.95	-43.18	0.04808	-26.02	2.5	-17.16	4.00	-47.18	0.01914	-47.18	0.01914
5700MHz_TnomVnom	Pass	5.455G	5.46G	1M	5457.185	-43.80	0.04169	-26.02	2.5	-17.78	4.00	-47.80	0.0166	-47.80	0.0166
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5468.69	-43.81	0.04159	-19.03	12.5	-24.78	4.00	-47.81	0.01656	-47.81	0.01656
5700MHz_TnomVnom	Pass	5.725G	5.74G	1M	5725.03	-33.88	0.40926	-19.03	12.5	-14.85	4.00	-37.88	0.16293	-37.88	0.16293
5700MHz_TnomVnom	Pass	5.74G	5.745G	1M	5740.655	-41.63	0.06871	-26.02	2.5	-15.61	4.00	-45.63	0.02735	-45.63	0.02735
5700MHz_TnomVmin	Pass	5.455G	5.46G	1M	5458.675	-43.90	0.04074	-26.02	2.5	-17.88	4.00	-47.90	0.01622	-47.90	0.01622
5700MHz_TnomVmin	Pass	5.46G	5.47G	1M	5462.41	-43.81	0.04159	-19.03	12.5	-24.78	4.00	-47.81	0.01656	-47.81	0.01656
5700MHz_TnomVmin	Pass	5.725G	5.74G	1M	5725.015	-34.01	0.39719	-19.03	12.5	-14.98	4.00	-38.01	0.15812	-38.01	0.15812
5700MHz_TnomVmin	Pass	5.74G	5.745G	1M	5740.045	-41.73	0.06714	-26.02	2.5	-15.71	4.00	-45.73	0.02673	-45.73	0.02673
5700MHz_TnomVmax	Pass	5.455G	5.46G	1M	5455.81	-43.82	0.0415	-26.02	2.5	-17.80	4.00	-47.82	0.01652	-47.82	0.01652
5700MHz_TnomVmax	Pass	5.46G	5.47G	1M	5462.72	-43.73	0.04236	-19.03	12.5	-24.70	4.00	-47.73	0.01687	-47.73	0.01687
5700MHz_TnomVmax	Pass	5.725G	5.74G	1M	5725.015	-33.76	0.42073	-19.03	12.5	-14.73	4.00	-37.76	0.16749	-37.76	0.16749
5700MHz_TnomVmax	Pass	5.74G	5.745G	1M	5740.255	-41.70	0.06761	-26.02	2.5	-15.68	4.00	-45.70	0.02692	-45.70	0.02692
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.1G	5.1416G	1M	5141.517	-40.96	0.08017	-26.02	2.5	-14.94	4.00	-44.96	0.03192	-44.96	0.03192
5190MHz_TnomVnom	Pass	5.1416G	5.15G	1M	5149.908	-37.51	0.17742	-18.24	15	-19.27	4.00	-41.51	0.07063	-41.51	0.07063
5190MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.996	-43.35	0.04624	-12.97	50.47	-30.38	4.00	-47.35	0.01841	-47.35	0.01841
5190MHz_TnomVnom	Pass	5.251G	5.27G	1M	5269.981	-43.55	0.04416	-21.02	7.91	-22.53	4.00	-47.55	0.01758	-47.55	0.01758
5190MHz_TnomVnom	Pass	5.27G	5.2784G	1M	5278.257	-43.56	0.04406	-25.94	2.55	-17.62	4.00	-47.56	0.01754	-47.56	0.01754
5190MHz_TnomVnom	Pass	5.2784G	5.4G	1M	5336.89	-43.16	0.04831	-26.02	2.5	-17.14	4.00	-47.16	0.01923	-47.16	0.01923
5190MHz_TnomVmin	Pass	5.1G	5.1416G	1M	5141.392	-41.00	0.07943	-26.02	2.5	-14.98	4.00	-45.00	0.03162	-45.00	0.03162
5190MHz_TnomVmin	Pass	5.1416G	5.15G	1M	5149.992	-37.71	0.16943	-18.24	15	-19.47	4.00	-41.71	0.06745	-41.71	0.06745
5190MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.997	-43.31	0.04667	-12.98	50.35	-30.33	4.00	-47.31	0.01858	-47.31	0.01858
5190MHz_TnomVmin	Pass	5.251G	5.27G	1M	5269.886	-43.56	0.04406	-20.98	7.98	-22.58	4.00	-47.56	0.01754	-47.56	0.01754
5190MHz_TnomVmin	Pass	5.27G	5.2784G	1M	5278.274	-43.65	0.04315	-25.95	2.54	-17.70	4.00	-47.65	0.01718	-47.65	0.01718
5190MHz_TnomVmin	Pass	5.2784G	5.4G	1M	5348.442	-43.02	0.04989	-26.02	2.5	-17.00	4.00	-47.02	0.01986	-47.02	0.01986

**CSE-TX-EIRP Out-Band Leakage PowerResult****Appendix F**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5190MHz_TnomVmax	Pass	5.1G	5.1416G	1M	5141.475	-40.92	0.08091	-26.02	2.5	-14.90	4.00	-44.92	0.03221	-44.92	0.03221
5190MHz_TnomVmax	Pass	5.1416G	5.15G	1M	5149.723	-37.62	0.17298	-18.24	15	-19.38	4.00	-41.62	0.06887	-41.62	0.06887
5190MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.998	-43.30	0.04677	-12.99	50.23	-30.31	4.00	-47.30	0.01862	-47.30	0.01862
5190MHz_TnomVmax	Pass	5.251G	5.27G	1M	5269.905	-43.54	0.04426	-20.98	7.98	-22.56	4.00	-47.54	0.01762	-47.54	0.01762
5190MHz_TnomVmax	Pass	5.27G	5.2784G	1M	5278.047	-43.63	0.04335	-25.81	2.62	-17.82	4.00	-47.63	0.01726	-47.63	0.01726
5190MHz_TnomVmax	Pass	5.2784G	5.4G	1M	5355.373	-43.05	0.04955	-26.02	2.5	-17.03	4.00	-47.05	0.01972	-47.05	0.01972
5230MHz_TnomVnom	Pass	5.1G	5.1416G	1M	5141.558	-44.71	0.03381	-26.02	2.5	-18.69	4.00	-48.71	0.01346	-48.71	0.01346
5230MHz_TnomVnom	Pass	5.1416G	5.15G	1M	5149.74	-44.43	0.03606	-18.24	15	-26.19	4.00	-48.43	0.01435	-48.43	0.01435
5230MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.995	-32.63	0.54576	-12.96	50.58	-19.67	4.00	-36.63	0.21727	-36.63	0.21727
5230MHz_TnomVnom	Pass	5.251G	5.27G	1M	5251.019	-32.96	0.50582	-13.02	49.89	-19.94	4.00	-36.96	0.20137	-36.96	0.20137
5230MHz_TnomVnom	Pass	5.27G	5.2784G	1M	5278.358	-42.54	0.05572	-26.00	2.51	-16.54	4.00	-46.54	0.02218	-46.54	0.02218
5230MHz_TnomVnom	Pass	5.2784G	5.4G	1M	5278.4	-42.70	0.0537	-26.02	2.5	-16.68	4.00	-46.70	0.02138	-46.70	0.02138
5230MHz_TnomVmin	Pass	5.1G	5.1416G	1M	5138.688	-44.77	0.03334	-26.02	2.5	-18.75	4.00	-48.77	0.01327	-48.77	0.01327
5230MHz_TnomVmin	Pass	5.1416G	5.15G	1M	5149.286	-44.52	0.03532	-18.24	15	-26.28	4.00	-48.52	0.01406	-48.52	0.01406
5230MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.992	-32.78	0.52723	-12.93	50.93	-19.85	4.00	-36.78	0.20989	-36.78	0.20989
5230MHz_TnomVmin	Pass	5.251G	5.27G	1M	5251.019	-33.04	0.49659	-13.02	49.89	-20.02	4.00	-37.04	0.1977	-37.04	0.1977
5230MHz_TnomVmin	Pass	5.27G	5.2784G	1M	5278.232	-42.47	0.05662	-25.92	2.56	-16.55	4.00	-46.47	0.02254	-46.47	0.02254
5230MHz_TnomVmin	Pass	5.2784G	5.4G	1M	5278.4	-42.51	0.0561	-26.02	2.5	-16.49	4.00	-46.51	0.02234	-46.51	0.02234
5230MHz_TnomVmax	Pass	5.1G	5.1416G	1M	5139.187	-44.76	0.03342	-26.02	2.5	-18.74	4.00	-48.76	0.0133	-48.76	0.0133
5230MHz_TnomVmax	Pass	5.1416G	5.15G	1M	5149.849	-44.46	0.03581	-18.24	15	-26.22	4.00	-48.46	0.01426	-48.46	0.01426
5230MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.984	-32.51	0.56105	-12.85	51.88	-19.66	4.00	-36.51	0.22336	-36.51	0.22336
5230MHz_TnomVmax	Pass	5.251G	5.27G	1M	5251.019	-32.95	0.50699	-13.02	49.89	-19.93	4.00	-36.95	0.20184	-36.95	0.20184
5230MHz_TnomVmax	Pass	5.27G	5.2784G	1M	5278.324	-42.54	0.05572	-25.98	2.52	-16.56	4.00	-46.54	0.02218	-46.54	0.02218
5230MHz_TnomVmax	Pass	5.2784G	5.4G	1M	5279.008	-42.58	0.05521	-26.02	2.5	-16.56	4.00	-46.58	0.02198	-46.58	0.02198
5270MHz_TnomVnom	Pass	5.1G	5.21G	1M	5208.46	-42.94	0.05082	-26.02	2.5	-16.92	4.00	-46.94	0.02023	-46.94	0.02023
5270MHz_TnomVnom	Pass	5.21G	5.2216G	1M	5221.577	-39.73	0.10641	-26.02	2.5	-13.71	4.00	-43.73	0.04236	-43.73	0.04236
5270MHz_TnomVnom	Pass	5.2216G	5.23G	1M	5224.666	-37.37	0.18323	-24.20	3.8	-13.17	4.00	-41.37	0.07295	-41.37	0.07295
5270MHz_TnomVnom	Pass	5.23G	5.249G	1M	5232.375	-33.29	0.46881	-20.02	9.95	-13.27	4.00	-37.29	0.18664	-37.29	0.18664
5270MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.005	-29.60	1.09648	-12.96	50.58	-16.64	4.00	-33.60	0.43652	-33.60	0.43652
5270MHz_TnomVnom	Pass	5.35G	5.3584G	1M	5350.764	-42.92	0.05105	-18.24	15	-24.68	4.00	-46.92	0.02032	-46.92	0.02032
5270MHz_TnomVnom	Pass	5.3584G	5.4G	1M	5364.432	-43.01	0.05	-26.02	2.5	-16.99	4.00	-47.01	0.01991	-47.01	0.01991
5270MHz_TnomVmin	Pass	5.1G	5.21G	1M	5209.67	-42.87	0.05164	-26.02	2.5	-16.85	4.00	-46.87	0.02056	-46.87	0.02056
5270MHz_TnomVmin	Pass	5.21G	5.2216G	1M	5221.588	-39.49	0.11246	-26.02	2.5	-13.47	4.00	-43.49	0.04477	-43.49	0.04477
5270MHz_TnomVmin	Pass	5.2216G	5.23G	1M	5226.741	-36.21	0.23933	-22.96	5.06	-13.25	4.00	-40.21	0.09528	-40.21	0.09528
5270MHz_TnomVmin	Pass	5.23G	5.249G	1M	5232.622	-33.34	0.46345	-19.92	10.19	-13.42	4.00	-37.34	0.1845	-37.34	0.1845
5270MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.005	-29.52	1.11686	-12.96	50.58	-16.56	4.00	-33.52	0.44463	-33.52	0.44463
5270MHz_TnomVmin	Pass	5.35G	5.3584G	1M	5350.462	-42.96	0.05058	-18.24	15	-24.72	4.00	-46.96	0.02014	-46.96	0.02014
5270MHz_TnomVmin	Pass	5.3584G	5.4G	1M	5369.965	-43.05	0.04955	-26.02	2.5	-17.03	4.00	-47.05	0.01972	-47.05	0.01972
5270MHz_TnomVmax	Pass	5.1G	5.21G	1M	5209.89	-42.91	0.05117	-26.02	2.5	-16.89	4.00	-46.91	0.02037	-46.91	0.02037
5270MHz_TnomVmax	Pass	5.21G	5.2216G	1M	5221.542	-39.51	0.11194	-26.02	2.5	-13.49	4.00	-43.51	0.04457	-43.51	0.04457
5270MHz_TnomVmax	Pass	5.2216G	5.23G	1M	5224.616	-37.46	0.17947	-24.23	3.78	-13.23	4.00	-41.46	0.07145	-41.46	0.07145
5270MHz_TnomVmax	Pass	5.23G	5.249G	1M	5232.223	-33.28	0.46989	-20.09	9.79	-13.19	4.00	-37.28	0.18707	-37.28	0.18707
5270MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.007	-29.69	1.07399	-12.94	50.82	-16.75	4.00	-33.69	0.42756	-33.69	0.42756
5270MHz_TnomVmax	Pass	5.35G	5.3584G	1M	5351.655	-42.82	0.05224	-18.24	15	-24.58	4.00	-46.82	0.0208	-46.82	0.0208



CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5270MHz_TnomVmax	Pass	5.3584G	5.4G	1M	5359.107	-42.99	0.05023	-26.02	2.5	-16.97	4.00	-46.99	0.02	-46.99	0.02
5310MHz_TnomVnom	Pass	5.1G	5.21G	1M	5208.57	-43.63	0.04335	-26.02	2.5	-17.61	4.00	-47.63	0.01726	-47.63	0.01726
5310MHz_TnomVnom	Pass	5.21G	5.2216G	1M	5216.972	-43.49	0.04477	-26.02	2.5	-17.47	4.00	-47.49	0.01782	-47.49	0.01782
5310MHz_TnomVnom	Pass	5.2216G	5.23G	1M	5221.692	-43.49	0.04477	-25.97	2.53	-17.52	4.00	-47.49	0.01782	-47.49	0.01782
5310MHz_TnomVnom	Pass	5.23G	5.249G	1M	5230.057	-43.56	0.04406	-21.00	7.94	-22.56	4.00	-47.56	0.01754	-47.56	0.01754
5310MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.002	-43.55	0.04416	-12.99	50.23	-30.56	4.00	-47.55	0.01758	-47.55	0.01758
5310MHz_TnomVnom	Pass	5.35G	5.3584G	1M	5350.118	-35.47	0.28379	-18.24	15	-17.23	4.00	-39.47	0.11298	-39.47	0.11298
5310MHz_TnomVnom	Pass	5.3584G	5.4G	1M	5358.566	-39.82	0.10423	-26.02	2.5	-13.80	4.00	-43.82	0.0415	-43.82	0.0415
5310MHz_TnomVmin	Pass	5.1G	5.21G	1M	5210	-43.84	0.0413	-26.02	2.5	-17.82	4.00	-47.84	0.01644	-47.84	0.01644
5310MHz_TnomVmin	Pass	5.21G	5.2216G	1M	5217.911	-43.39	0.04581	-26.02	2.5	-17.37	4.00	-47.39	0.01824	-47.39	0.01824
5310MHz_TnomVmin	Pass	5.2216G	5.23G	1M	5221.776	-43.57	0.04395	-25.92	2.56	-17.65	4.00	-47.57	0.0175	-47.57	0.0175
5310MHz_TnomVmin	Pass	5.23G	5.249G	1M	5230.038	-43.44	0.04529	-21.01	7.93	-22.43	4.00	-47.44	0.01803	-47.44	0.01803
5310MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.017	-43.42	0.0455	-12.84	52	-30.58	4.00	-47.42	0.01811	-47.42	0.01811
5310MHz_TnomVmin	Pass	5.35G	5.3584G	1M	5350.42	-35.59	0.27606	-18.24	15	-17.35	4.00	-39.59	0.1099	-39.59	0.1099
5310MHz_TnomVmin	Pass	5.3584G	5.4G	1M	5358.608	-39.92	0.10186	-26.02	2.5	-13.90	4.00	-43.92	0.04055	-43.92	0.04055
5310MHz_TnomVmax	Pass	5.1G	5.21G	1M	5209.67	-43.78	0.04188	-26.02	2.5	-17.76	4.00	-47.78	0.01667	-47.78	0.01667
5310MHz_TnomVmax	Pass	5.21G	5.2216G	1M	5220.115	-43.48	0.04487	-26.02	2.5	-17.46	4.00	-47.48	0.01786	-47.48	0.01786
5310MHz_TnomVmax	Pass	5.2216G	5.23G	1M	5221.894	-43.50	0.04467	-25.85	2.6	-17.65	4.00	-47.50	0.01778	-47.50	0.01778
5310MHz_TnomVmax	Pass	5.23G	5.249G	1M	5230.228	-43.31	0.04667	-20.93	8.07	-22.38	4.00	-47.31	0.01858	-47.31	0.01858
5310MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.008	-43.49	0.04477	-12.93	50.93	-30.56	4.00	-47.49	0.01782	-47.49	0.01782
5310MHz_TnomVmax	Pass	5.35G	5.3584G	1M	5350.193	-35.58	0.27669	-18.24	15	-17.34	4.00	-39.58	0.11015	-39.58	0.11015
5310MHz_TnomVmax	Pass	5.3584G	5.4G	1M	5358.65	-40.00	0.1	-26.02	2.5	-13.98	4.00	-44.00	0.03981	-44.00	0.03981
5510MHz_TnomVnom	Pass	5.42G	5.46G	1M	5459.68	-40.57	0.0877	-19.03	12.5	-21.54	4.00	-44.57	0.03491	-44.57	0.03491
5510MHz_TnomVnom	Pass	5.46G	5.47G	1M	5469.99	-34.54	0.35156	-13.01	50	-21.53	4.00	-38.54	0.13996	-38.54	0.13996
5510MHz_TnomVnom	Pass	5.725G	5.76G	1M	5730.81	-43.48	0.04487	-19.03	12.5	-24.45	4.00	-47.48	0.01786	-47.48	0.01786
5510MHz_TnomVmin	Pass	5.42G	5.46G	1M	5459.6	-40.71	0.08492	-19.03	12.5	-21.68	4.00	-44.71	0.03381	-44.71	0.03381
5510MHz_TnomVmin	Pass	5.46G	5.47G	1M	5469.59	-34.52	0.35318	-13.01	50	-21.51	4.00	-38.52	0.1406	-38.52	0.1406
5510MHz_TnomVmin	Pass	5.725G	5.76G	1M	5730.425	-43.42	0.0455	-19.03	12.5	-24.39	4.00	-47.42	0.01811	-47.42	0.01811
5510MHz_TnomVmax	Pass	5.42G	5.46G	1M	5460	-40.64	0.0863	-19.03	12.5	-21.61	4.00	-44.64	0.03436	-44.64	0.03436
5510MHz_TnomVmax	Pass	5.46G	5.47G	1M	5469.98	-34.59	0.34754	-13.01	50	-21.58	4.00	-38.59	0.13836	-38.59	0.13836
5510MHz_TnomVmax	Pass	5.725G	5.76G	1M	5730.67	-43.48	0.04487	-19.03	12.5	-24.45	4.00	-47.48	0.01786	-47.48	0.01786
5590MHz_TnomVnom	Pass	5.42G	5.46G	1M	5421.4	-43.73	0.04236	-19.03	12.5	-24.70	4.00	-47.73	0.01687	-47.73	0.01687
5590MHz_TnomVnom	Pass	5.46G	5.47G	1M	5469.87	-43.83	0.0414	-13.01	50	-30.82	4.00	-47.83	0.01648	-47.83	0.01648
5590MHz_TnomVnom	Pass	5.725G	5.76G	1M	5725.84	-43.41	0.0456	-19.03	12.5	-24.38	4.00	-47.41	0.01816	-47.41	0.01816
5590MHz_TnomVmin	Pass	5.42G	5.46G	1M	5438.2	-43.84	0.0413	-19.03	12.5	-24.81	4.00	-47.84	0.01644	-47.84	0.01644
5590MHz_TnomVmin	Pass	5.46G	5.47G	1M	5468.77	-43.83	0.0414	-13.01	50	-30.82	4.00	-47.83	0.01648	-47.83	0.01648
5590MHz_TnomVmin	Pass	5.725G	5.76G	1M	5730.88	-43.38	0.04592	-19.03	12.5	-24.35	4.00	-47.38	0.01828	-47.38	0.01828
5590MHz_TnomVmax	Pass	5.42G	5.46G	1M	5425.2	-43.82	0.0415	-19.03	12.5	-24.79	4.00	-47.82	0.01652	-47.82	0.01652
5590MHz_TnomVmax	Pass	5.46G	5.47G	1M	5463.69	-43.87	0.04102	-13.01	50	-30.86	4.00	-47.87	0.01633	-47.87	0.01633
5590MHz_TnomVmax	Pass	5.725G	5.76G	1M	5737.04	-43.47	0.04498	-19.03	12.5	-24.44	4.00	-47.47	0.01791	-47.47	0.01791
5670MHz_TnomVnom	Pass	5.42G	5.46G	1M	5422.04	-43.81	0.04159	-19.03	12.5	-24.78	4.00	-47.81	0.01656	-47.81	0.01656
5670MHz_TnomVnom	Pass	5.46G	5.47G	1M	5467.93	-43.85	0.04121	-13.01	50	-30.84	4.00	-47.85	0.01641	-47.85	0.01641
5670MHz_TnomVnom	Pass	5.725G	5.76G	1M	5725.56	-42.80	0.05248	-19.03	12.5	-23.77	4.00	-46.80	0.02089	-46.80	0.02089
5670MHz_TnomVmin	Pass	5.42G	5.46G	1M	5430.12	-43.69	0.04276	-19.03	12.5	-24.66	4.00	-47.69	0.01702	-47.69	0.01702

**CSE-TX-EIRP Out-Band Leakage PowerResult****Appendix F**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5670MHz_TnomVmin	Pass	5.46G	5.47G	1M	5465.6	-43.82	0.0415	-13.01	50	-30.81	4.00	-47.82	0.01652	-47.82	0.01652
5670MHz_TnomVmin	Pass	5.725G	5.76G	1M	5726.155	-42.82	0.05224	-19.03	12.5	-23.79	4.00	-46.82	0.0208	-46.82	0.0208
5670MHz_TnomVmax	Pass	5.42G	5.46G	1M	5423.04	-43.85	0.04121	-19.03	12.5	-24.82	4.00	-47.85	0.01641	-47.85	0.01641
5670MHz_TnomVmax	Pass	5.46G	5.47G	1M	5462.29	-43.88	0.04093	-13.01	50	-30.87	4.00	-47.88	0.01629	-47.88	0.01629
5670MHz_TnomVmax	Pass	5.725G	5.76G	1M	5725.035	-42.85	0.05188	-19.03	12.5	-23.82	4.00	-46.85	0.02065	-46.85	0.02065
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.14G	5.142G	1M	5141.422	-43.03	0.04977	-26.02	2.5	-17.01	4.00	-47.03	0.01982	-47.03	0.01982
5180MHz_TnomVnom	Pass	5.142G	5.15G	1M	5149.824	-42.01	0.06295	-18.24	15	-23.77	4.00	-46.01	0.02506	-46.01	0.02506
5180MHz_TnomVnom	Pass	5.25G	5.251G	1M	5251	-43.80	0.04169	-10.00	100	-33.80	4.00	-47.80	0.0166	-47.80	0.0166
5180MHz_TnomVnom	Pass	5.251G	5.26G	1M	5259.928	-43.24	0.04742	-17.95	16.03	-25.29	4.00	-47.24	0.01888	-47.24	0.01888
5180MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5266.673	-43.41	0.0456	-25.99	2.52	-17.42	4.00	-47.41	0.01816	-47.41	0.01816
5180MHz_TnomVnom	Pass	5.2667G	5.36G	1M	5337.701	-42.90	0.05129	-26.02	2.5	-16.88	4.00	-46.90	0.02042	-46.90	0.02042
5180MHz_TnomVmin	Pass	5.14G	5.142G	1M	5141.944	-43.09	0.04909	-26.02	2.5	-17.07	4.00	-47.09	0.01954	-47.09	0.01954
5180MHz_TnomVmin	Pass	5.142G	5.15G	1M	5149.512	-42.06	0.06223	-18.24	15	-23.82	4.00	-46.06	0.02477	-46.06	0.02477
5180MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.992	-43.75	0.04217	-9.92	101.86	-33.83	4.00	-47.75	0.01679	-47.75	0.01679
5180MHz_TnomVmin	Pass	5.251G	5.26G	1M	5259.946	-43.19	0.04797	-17.97	15.96	-25.22	4.00	-47.19	0.0191	-47.19	0.0191
5180MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5266.68	-43.50	0.04467	-26.00	2.51	-17.50	4.00	-47.50	0.01778	-47.50	0.01778
5180MHz_TnomVmin	Pass	5.2667G	5.36G	1M	5334.063	-42.89	0.0514	-26.02	2.5	-16.87	4.00	-46.89	0.02046	-46.89	0.02046
5180MHz_TnomVmax	Pass	5.14G	5.142G	1M	5140.912	-43.11	0.04887	-26.02	2.5	-17.09	4.00	-47.11	0.01945	-47.11	0.01945
5180MHz_TnomVmax	Pass	5.142G	5.15G	1M	5148.52	-41.97	0.06353	-18.24	15	-23.73	4.00	-45.97	0.02529	-45.97	0.02529
5180MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.999	-43.60	0.04365	-9.99	100.23	-33.61	4.00	-47.60	0.01738	-47.60	0.01738
5180MHz_TnomVmax	Pass	5.251G	5.26G	1M	5259.982	-43.19	0.04797	-18.00	15.85	-25.19	4.00	-47.19	0.0191	-47.19	0.0191
5180MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5266.673	-43.40	0.04571	-25.99	2.52	-17.41	4.00	-47.40	0.0182	-47.40	0.0182
5180MHz_TnomVmax	Pass	5.2667G	5.36G	1M	5332.476	-42.93	0.05093	-26.02	2.5	-16.91	4.00	-46.93	0.02028	-46.93	0.02028
5240MHz_TnomVnom	Pass	5.14G	5.142G	1M	5141.536	-45.33	0.02931	-26.02	2.5	-19.31	4.00	-49.33	0.01167	-49.33	0.01167
5240MHz_TnomVnom	Pass	5.142G	5.15G	1M	5149.008	-44.42	0.03614	-18.24	15	-26.18	4.00	-48.42	0.01439	-48.42	0.01439
5240MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.99	-17.40	18.19701	-9.90	102.33	-7.50	4.00	-21.40	7.24436	-21.40	7.24436
5240MHz_TnomVnom	Pass	5.251G	5.26G	1M	5251.045	-18.05	15.66751	-10.04	99.08	-8.01	4.00	-22.05	6.23735	-22.05	6.23735
5240MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5266.7	-40.85	0.08222	-26.02	2.5	-14.83	4.00	-44.85	0.03273	-44.85	0.03273
5240MHz_TnomVnom	Pass	5.2667G	5.36G	1M	5266.98	-40.81	0.08299	-26.02	2.5	-14.79	4.00	-44.81	0.03304	-44.81	0.03304
5240MHz_TnomVmin	Pass	5.14G	5.142G	1M	5141.306	-45.16	0.03048	-26.02	2.5	-19.14	4.00	-49.16	0.01213	-49.16	0.01213
5240MHz_TnomVmin	Pass	5.142G	5.15G	1M	5149.096	-44.43	0.03606	-18.24	15	-26.19	4.00	-48.43	0.01435	-48.43	0.01435
5240MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.969	-17.31	18.57804	-9.69	107.4	-7.62	4.00	-21.31	7.39605	-21.31	7.39605
5240MHz_TnomVmin	Pass	5.251G	5.26G	1M	5251	-18.04	15.70363	-10.00	100	-8.04	4.00	-22.04	6.25173	-22.04	6.25173
5240MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5266.687	-40.68	0.08551	-26.00	2.51	-14.68	4.00	-44.68	0.03404	-44.68	0.03404
5240MHz_TnomVmin	Pass	5.2667G	5.36G	1M	5266.98	-40.44	0.09036	-26.02	2.5	-14.42	4.00	-44.44	0.03597	-44.44	0.03597
5240MHz_TnomVmax	Pass	5.14G	5.142G	1M	5141.488	-45.29	0.02958	-26.02	2.5	-19.27	4.00	-49.29	0.01178	-49.29	0.01178
5240MHz_TnomVmax	Pass	5.142G	5.15G	1M	5149.568	-44.39	0.03639	-18.24	15	-26.15	4.00	-48.39	0.01449	-48.39	0.01449
5240MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.988	-17.47	17.90606	-9.88	102.8	-7.59	4.00	-21.47	7.12853	-21.47	7.12853
5240MHz_TnomVmax	Pass	5.251G	5.26G	1M	5251.009	-17.74	16.82674	-10.01	99.77	-7.73	4.00	-21.74	6.69885	-21.74	6.69885
5240MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5266.693	-40.77	0.08375	-26.01	2.51	-14.76	4.00	-44.77	0.03334	-44.77	0.03334
5240MHz_TnomVmax	Pass	5.2667G	5.36G	1M	5267.26	-40.84	0.08241	-26.02	2.5	-14.82	4.00	-44.84	0.03281	-44.84	0.03281
5260MHz_TnomVnom	Pass	5.14G	5.2333G	1M	5233.3	-34.08	0.39084	-26.02	2.5	-8.06	4.00	-38.08	0.1556	-38.08	0.1556



CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5260MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5233.534	-33.72	0.42462	-25.74	2.67	-7.98	4.00	-37.72	0.16904	-37.72	0.16904
5260MHz_TnomVnom	Pass	5.24G	5.249G	1M	5248.991	-18.30	14.79108	-10.01	99.77	-8.29	4.00	-22.30	5.88844	-22.30	5.88844
5260MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.104	-16.61	21.8273	-8.96	127.06	-7.65	4.00	-20.61	8.6896	-20.61	8.6896
5260MHz_TnomVnom	Pass	5.35G	5.36G	1M	5353.9	-42.65	0.05433	-26.02	2.5	-16.63	4.00	-46.65	0.02163	-46.65	0.02163
5260MHz_TnomVmin	Pass	5.14G	5.2333G	1M	5233.113	-34.26	0.37497	-26.02	2.5	-8.24	4.00	-38.26	0.14928	-38.26	0.14928
5260MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5233.488	-33.85	0.4121	-25.80	2.63	-8.05	4.00	-37.85	0.16406	-37.85	0.16406
5260MHz_TnomVmin	Pass	5.24G	5.249G	1M	5248.982	-18.19	15.1705	-10.02	99.54	-8.17	4.00	-22.19	6.03949	-22.19	6.03949
5260MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249	-17.85	16.4059	-10.00	100	-7.85	4.00	-21.85	6.53131	-21.85	6.53131
5260MHz_TnomVmin	Pass	5.35G	5.36G	1M	5357.58	-42.73	0.05333	-26.02	2.5	-16.71	4.00	-46.73	0.02123	-46.73	0.02123
5260MHz_TnomVmax	Pass	5.14G	5.2333G	1M	5233.3	-34.29	0.37239	-26.02	2.5	-8.27	4.00	-38.29	0.14825	-38.29	0.14825
5260MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5233.367	-33.93	0.40458	-25.94	2.55	-7.99	4.00	-37.93	0.16106	-37.93	0.16106
5260MHz_TnomVmax	Pass	5.24G	5.249G	1M	5248.982	-18.01	15.81248	-10.02	99.54	-7.99	4.00	-22.01	6.29506	-22.01	6.29506
5260MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.146	-16.29	23.49633	-8.54	139.96	-7.75	4.00	-20.29	9.35406	-20.29	9.35406
5260MHz_TnomVmax	Pass	5.35G	5.36G	1M	5355.94	-42.73	0.05333	-26.02	2.5	-16.71	4.00	-46.73	0.02123	-46.73	0.02123
5320MHz_TnomVnom	Pass	5.14G	5.2333G	1M	5225.369	-43.33	0.04645	-26.02	2.5	-17.31	4.00	-47.33	0.01849	-47.33	0.01849
5320MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5233.3	-43.48	0.04487	-26.02	2.5	-17.46	4.00	-47.48	0.01786	-47.48	0.01786
5320MHz_TnomVnom	Pass	5.24G	5.249G	1M	5240.072	-43.27	0.0471	-17.95	16.03	-25.32	4.00	-47.27	0.01875	-47.27	0.01875
5320MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.014	-43.92	0.04055	-9.86	103.28	-34.06	4.00	-47.92	0.01614	-47.92	0.01614
5320MHz_TnomVnom	Pass	5.35G	5.36G	1M	5350.28	-36.15	0.24266	-26.02	2.5	-10.13	4.00	-40.15	0.09661	-40.15	0.09661
5320MHz_TnomVmin	Pass	5.14G	5.2333G	1M	5232.46	-43.20	0.04786	-26.02	2.5	-17.18	4.00	-47.20	0.01905	-47.20	0.01905
5320MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5233.307	-43.30	0.04677	-26.01	2.51	-17.29	4.00	-47.30	0.01862	-47.30	0.01862
5320MHz_TnomVmin	Pass	5.24G	5.249G	1M	5240.018	-43.35	0.04624	-18.00	15.85	-25.35	4.00	-47.35	0.01841	-47.35	0.01841
5320MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.011	-43.99	0.0399	-9.89	102.57	-34.10	4.00	-47.99	0.01589	-47.99	0.01589
5320MHz_TnomVmin	Pass	5.35G	5.36G	1M	5350.01	-36.11	0.24491	-26.02	2.5	-10.09	4.00	-40.11	0.0975	-40.11	0.0975
5320MHz_TnomVmax	Pass	5.14G	5.2333G	1M	5226.862	-43.31	0.04667	-26.02	2.5	-17.29	4.00	-47.31	0.01858	-47.31	0.01858
5320MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5233.32	-43.35	0.04624	-26.00	2.51	-17.35	4.00	-47.35	0.01841	-47.35	0.01841
5320MHz_TnomVmax	Pass	5.24G	5.249G	1M	5240	-43.31	0.04667	-18.01	15.81	-25.30	4.00	-47.31	0.01858	-47.31	0.01858
5320MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.007	-43.89	0.04083	-9.93	101.62	-33.96	4.00	-47.89	0.01626	-47.89	0.01626
5320MHz_TnomVmax	Pass	5.35G	5.36G	1M	5350.09	-36.18	0.24099	-26.02	2.5	-10.16	4.00	-40.18	0.09594	-40.18	0.09594
5500MHz_TnomVnom	Pass	5.455G	5.46G	1M	5459.95	-40.44	0.09036	-26.02	2.5	-14.42	4.00	-44.44	0.03597	-44.44	0.03597
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5469.96	-35.02	0.31477	-19.03	12.5	-15.99	4.00	-39.02	0.12531	-39.02	0.12531
5500MHz_TnomVnom	Pass	5.725G	5.74G	1M	5725.375	-41.86	0.06516	-19.03	12.5	-22.83	4.00	-45.86	0.02594	-45.86	0.02594
5500MHz_TnomVnom	Pass	5.74G	5.745G	1M	5741.5	-43.40	0.04571	-26.02	2.5	-17.38	4.00	-47.40	0.0182	-47.40	0.0182
5500MHz_TnomVmin	Pass	5.455G	5.46G	1M	5459.8	-40.37	0.09183	-26.02	2.5	-14.35	4.00	-44.37	0.03656	-44.37	0.03656
5500MHz_TnomVmin	Pass	5.46G	5.47G	1M	5469.99	-35.12	0.30761	-19.03	12.5	-16.09	4.00	-39.12	0.12246	-39.12	0.12246
5500MHz_TnomVmin	Pass	5.725G	5.74G	1M	5727.25	-41.94	0.06397	-19.03	12.5	-22.91	4.00	-45.94	0.02547	-45.94	0.02547
5500MHz_TnomVmin	Pass	5.74G	5.745G	1M	5741.535	-43.42	0.0455	-26.02	2.5	-17.40	4.00	-47.42	0.01811	-47.42	0.01811
5500MHz_TnomVmax	Pass	5.455G	5.46G	1M	5459.995	-40.40	0.0912	-26.02	2.5	-14.38	4.00	-44.40	0.03631	-44.40	0.03631
5500MHz_TnomVmax	Pass	5.46G	5.47G	1M	5469.97	-34.99	0.31696	-19.03	12.5	-15.96	4.00	-38.99	0.12618	-38.99	0.12618
5500MHz_TnomVmax	Pass	5.725G	5.74G	1M	5727.73	-41.96	0.06368	-19.03	12.5	-22.93	4.00	-45.96	0.02535	-45.96	0.02535
5500MHz_TnomVmax	Pass	5.74G	5.745G	1M	5740.71	-43.34	0.04634	-26.02	2.5	-17.32	4.00	-47.34	0.01845	-47.34	0.01845
5600MHz_TnomVnom	Pass	5.455G	5.46G	1M	5459.1	-43.84	0.0413	-26.02	2.5	-17.82	4.00	-47.84	0.01644	-47.84	0.01644
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5463.18	-43.73	0.04236	-19.03	12.5	-24.70	4.00	-47.73	0.01687	-47.73	0.01687
5600MHz_TnomVnom	Pass	5.725G	5.74G	1M	5726.53	-43.14	0.04853	-19.03	12.5	-24.11	4.00	-47.14	0.01932	-47.14	0.01932

**CSE-TX-EIRP Out-Band Leakage PowerResult****Appendix F**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5600MHz_TnomVnom	Pass	5.74G	5.745G	1M	5742.905	-43.10	0.04898	-26.02	2.5	-17.08	4.00	-47.10	0.0195	-47.10	0.0195
5600MHz_TnomVmin	Pass	5.455G	5.46G	1M	5456.465	-43.84	0.0413	-26.02	2.5	-17.82	4.00	-47.84	0.01644	-47.84	0.01644
5600MHz_TnomVmin	Pass	5.46G	5.47G	1M	5466.44	-43.72	0.04246	-19.03	12.5	-24.69	4.00	-47.72	0.0169	-47.72	0.0169
5600MHz_TnomVmin	Pass	5.725G	5.74G	1M	5726.845	-43.23	0.04753	-19.03	12.5	-24.20	4.00	-47.23	0.01892	-47.23	0.01892
5600MHz_TnomVmin	Pass	5.74G	5.745G	1M	5743.255	-43.07	0.04932	-26.02	2.5	-17.05	4.00	-47.07	0.01963	-47.07	0.01963
5600MHz_TnomVmax	Pass	5.455G	5.46G	1M	5456.32	-43.71	0.04256	-26.02	2.5	-17.69	4.00	-47.71	0.01694	-47.71	0.01694
5600MHz_TnomVmax	Pass	5.46G	5.47G	1M	5465.04	-43.74	0.04227	-19.03	12.5	-24.71	4.00	-47.74	0.01683	-47.74	0.01683
5600MHz_TnomVmax	Pass	5.725G	5.74G	1M	5725.51	-43.08	0.0492	-19.03	12.5	-24.05	4.00	-47.08	0.01959	-47.08	0.01959
5600MHz_TnomVmax	Pass	5.74G	5.745G	1M	5743.465	-43.12	0.04875	-26.02	2.5	-17.10	4.00	-47.12	0.01941	-47.12	0.01941
5700MHz_TnomVnom	Pass	5.455G	5.46G	1M	5459.895	-43.90	0.04074	-26.02	2.5	-17.88	4.00	-47.90	0.01622	-47.90	0.01622
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5468.72	-43.82	0.0415	-19.03	12.5	-24.79	4.00	-47.82	0.01652	-47.82	0.01652
5700MHz_TnomVnom	Pass	5.725G	5.74G	1M	5725.105	-33.63	0.43351	-19.03	12.5	-14.60	4.00	-37.63	0.17258	-37.63	0.17258
5700MHz_TnomVnom	Pass	5.74G	5.745G	1M	5740.09	-41.74	0.06699	-26.02	2.5	-15.72	4.00	-45.74	0.02667	-45.74	0.02667
5700MHz_TnomVmin	Pass	5.455G	5.46G	1M	5458.375	-43.86	0.04111	-26.02	2.5	-17.84	4.00	-47.86	0.01637	-47.86	0.01637
5700MHz_TnomVmin	Pass	5.46G	5.47G	1M	5466.55	-43.75	0.04217	-19.03	12.5	-24.72	4.00	-47.75	0.01679	-47.75	0.01679
5700MHz_TnomVmin	Pass	5.725G	5.74G	1M	5725.015	-33.55	0.44157	-19.03	12.5	-14.52	4.00	-37.55	0.17579	-37.55	0.17579
5700MHz_TnomVmin	Pass	5.74G	5.745G	1M	5740.145	-41.70	0.06761	-26.02	2.5	-15.68	4.00	-45.70	0.02692	-45.70	0.02692
5700MHz_TnomVmax	Pass	5.455G	5.46G	1M	5455.605	-43.92	0.04055	-26.02	2.5	-17.90	4.00	-47.92	0.01614	-47.92	0.01614
5700MHz_TnomVmax	Pass	5.46G	5.47G	1M	5464.42	-43.82	0.0415	-19.03	12.5	-24.79	4.00	-47.82	0.01652	-47.82	0.01652
5700MHz_TnomVmax	Pass	5.725G	5.74G	1M	5725.075	-33.57	0.43954	-19.03	12.5	-14.54	4.00	-37.57	0.17498	-37.57	0.17498
5700MHz_TnomVmax	Pass	5.74G	5.745G	1M	5740.105	-41.57	0.06966	-26.02	2.5	-15.55	4.00	-45.57	0.02773	-45.57	0.02773
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.1G	5.1416G	1M	5141.6	-41.29	0.0743	-26.02	2.5	-15.27	4.00	-45.29	0.02958	-45.29	0.02958
5190MHz_TnomVnom	Pass	5.1416G	5.15G	1M	5149.404	-37.83	0.16482	-18.24	15	-19.59	4.00	-41.83	0.06561	-41.83	0.06561
5190MHz_TnomVnom	Pass	5.25G	5.251G	1M	5251	-43.32	0.04656	-13.01	50	-30.31	4.00	-47.32	0.01854	-47.32	0.01854
5190MHz_TnomVnom	Pass	5.251G	5.27G	1M	5269.772	-43.44	0.04529	-20.93	8.07	-22.51	4.00	-47.44	0.01803	-47.44	0.01803
5190MHz_TnomVnom	Pass	5.27G	5.2784G	1M	5278.308	-43.77	0.04198	-25.97	2.53	-17.80	4.00	-47.77	0.01671	-47.77	0.01671
5190MHz_TnomVnom	Pass	5.2784G	5.4G	1M	5365.709	-43.09	0.04909	-26.02	2.5	-17.07	4.00	-47.09	0.01954	-47.09	0.01954
5190MHz_TnomVmin	Pass	5.1G	5.1416G	1M	5141.309	-41.20	0.07586	-26.02	2.5	-15.18	4.00	-45.20	0.0302	-45.20	0.0302
5190MHz_TnomVmin	Pass	5.1416G	5.15G	1M	5149.924	-37.89	0.16255	-18.24	15	-19.65	4.00	-41.89	0.06471	-41.89	0.06471
5190MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.993	-43.39	0.04581	-12.94	50.82	-30.45	4.00	-47.39	0.01824	-47.39	0.01824
5190MHz_TnomVmin	Pass	5.251G	5.27G	1M	5270	-43.59	0.04375	-21.02	7.91	-22.57	4.00	-47.59	0.01742	-47.59	0.01742
5190MHz_TnomVmin	Pass	5.27G	5.2784G	1M	5278.156	-43.67	0.04295	-25.88	2.58	-17.79	4.00	-47.67	0.0171	-47.67	0.0171
5190MHz_TnomVmin	Pass	5.2784G	5.4G	1M	5354.886	-43.07	0.04932	-26.02	2.5	-17.05	4.00	-47.07	0.01963	-47.07	0.01963
5190MHz_TnomVmax	Pass	5.1G	5.1416G	1M	5141.558	-41.26	0.07482	-26.02	2.5	-15.24	4.00	-45.26	0.02979	-45.26	0.02979
5190MHz_TnomVmax	Pass	5.1416G	5.15G	1M	5149.177	-37.81	0.16558	-18.24	15	-19.57	4.00	-41.81	0.06592	-41.81	0.06592
5190MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.997	-43.44	0.04529	-12.98	50.35	-30.46	4.00	-47.44	0.01803	-47.44	0.01803
5190MHz_TnomVmax	Pass	5.251G	5.27G	1M	5270	-43.56	0.04406	-21.02	7.91	-22.54	4.00	-47.56	0.01754	-47.56	0.01754
5190MHz_TnomVmax	Pass	5.27G	5.2784G	1M	5278.308	-43.72	0.04246	-25.97	2.53	-17.75	4.00	-47.72	0.0169	-47.72	0.0169
5190MHz_TnomVmax	Pass	5.2784G	5.4G	1M	5343.091	-43.04	0.04966	-26.02	2.5	-17.02	4.00	-47.04	0.01977	-47.04	0.01977
5230MHz_TnomVnom	Pass	5.1G	5.1416G	1M	5140.726	-44.68	0.03404	-26.02	2.5	-18.66	4.00	-48.68	0.01355	-48.68	0.01355
5230MHz_TnomVnom	Pass	5.1416G	5.15G	1M	5148.328	-44.41	0.03622	-18.24	15	-26.17	4.00	-48.41	0.01442	-48.41	0.01442
5230MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.985	-32.61	0.54828	-12.86	51.76	-19.75	4.00	-36.61	0.21827	-36.61	0.21827



CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5230MHz_TnomVnom	Pass	5.251G	5.27G	1M	5251.038	-32.91	0.51168	-13.03	49.77	-19.88	4.00	-36.91	0.2037	-36.91	0.2037
5230MHz_TnomVnom	Pass	5.27G	5.2784G	1M	5278.383	-42.47	0.05662	-26.01	2.51	-16.46	4.00	-46.47	0.02254	-46.47	0.02254
5230MHz_TnomVnom	Pass	5.2784G	5.4G	1M	5278.886	-42.63	0.05458	-26.02	2.5	-16.61	4.00	-46.63	0.02173	-46.63	0.02173
5230MHz_TnomVmin	Pass	5.1G	5.1416G	1M	5135.859	-44.74	0.03357	-26.02	2.5	-18.72	4.00	-48.74	0.01337	-48.74	0.01337
5230MHz_TnomVmin	Pass	5.1416G	5.15G	1M	5149.756	-44.50	0.03548	-18.24	15	-26.26	4.00	-48.50	0.01413	-48.50	0.01413
5230MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.984	-32.57	0.55335	-12.85	51.88	-19.72	4.00	-36.57	0.22029	-36.57	0.22029
5230MHz_TnomVmin	Pass	5.251G	5.27G	1M	5251.038	-33.10	0.48978	-13.03	49.77	-20.07	4.00	-37.10	0.19498	-37.10	0.19498
5230MHz_TnomVmin	Pass	5.27G	5.2784G	1M	5278.341	-42.32	0.05861	-25.99	2.52	-16.33	4.00	-46.32	0.02333	-46.32	0.02333
5230MHz_TnomVmin	Pass	5.2784G	5.4G	1M	5280.224	-42.62	0.0547	-26.02	2.5	-16.60	4.00	-46.62	0.02178	-46.62	0.02178
5230MHz_TnomVmax	Pass	5.1G	5.1416G	1M	5140.934	-44.70	0.03388	-26.02	2.5	-18.68	4.00	-48.70	0.01349	-48.70	0.01349
5230MHz_TnomVmax	Pass	5.1416G	5.15G	1M	5149.328	-44.41	0.03622	-18.24	15	-26.17	4.00	-48.41	0.01442	-48.41	0.01442
5230MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.979	-32.47	0.56624	-12.80	52.48	-19.67	4.00	-36.47	0.22542	-36.47	0.22542
5230MHz_TnomVmax	Pass	5.251G	5.27G	1M	5251.057	-33.09	0.49091	-13.03	49.77	-20.06	4.00	-37.09	0.19543	-37.09	0.19543
5230MHz_TnomVmax	Pass	5.27G	5.2784G	1M	5278.24	-42.34	0.05834	-25.93	2.55	-16.41	4.00	-46.34	0.02323	-46.34	0.02323
5230MHz_TnomVmax	Pass	5.2784G	5.4G	1M	5278.765	-42.63	0.05458	-26.02	2.5	-16.61	4.00	-46.63	0.02173	-46.63	0.02173
5270MHz_TnomVnom	Pass	5.1G	5.21G	1M	5208.9	-42.86	0.05176	-26.02	2.5	-16.84	4.00	-46.86	0.02061	-46.86	0.02061
5270MHz_TnomVnom	Pass	5.21G	5.2216G	1M	5221.438	-39.47	0.11298	-26.02	2.5	-13.45	4.00	-43.47	0.04498	-43.47	0.04498
5270MHz_TnomVnom	Pass	5.2216G	5.23G	1M	5222.448	-38.68	0.13552	-25.52	2.81	-13.16	4.00	-42.68	0.05395	-42.68	0.05395
5270MHz_TnomVnom	Pass	5.23G	5.249G	1M	5232.28	-33.36	0.46132	-20.06	9.86	-13.30	4.00	-37.36	0.18365	-37.36	0.18365
5270MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.014	-29.42	1.14288	-12.87	51.64	-16.55	4.00	-33.42	0.45499	-33.42	0.45499
5270MHz_TnomVnom	Pass	5.35G	5.3584G	1M	5355.317	-42.95	0.0507	-18.24	15	-24.71	4.00	-46.95	0.02018	-46.95	0.02018
5270MHz_TnomVnom	Pass	5.3584G	5.4G	1M	5366.304	-43.07	0.04932	-26.02	2.5	-17.05	4.00	-47.07	0.01963	-47.07	0.01963
5270MHz_TnomVmin	Pass	5.1G	5.21G	1M	5209.45	-42.83	0.05212	-26.02	2.5	-16.81	4.00	-46.83	0.02075	-46.83	0.02075
5270MHz_TnomVmin	Pass	5.21G	5.2216G	1M	5221.542	-39.42	0.11429	-26.02	2.5	-13.40	4.00	-43.42	0.0455	-43.42	0.0455
5270MHz_TnomVmin	Pass	5.2216G	5.23G	1M	5225.909	-36.72	0.21281	-23.46	4.51	-13.26	4.00	-40.72	0.08472	-40.72	0.08472
5270MHz_TnomVmin	Pass	5.23G	5.249G	1M	5232.413	-33.23	0.47534	-20.01	9.98	-13.22	4.00	-37.23	0.18923	-37.23	0.18923
5270MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.007	-29.49	1.1246	-12.94	50.82	-16.55	4.00	-33.49	0.44771	-33.49	0.44771
5270MHz_TnomVmin	Pass	5.35G	5.3584G	1M	5353.083	-42.98	0.05035	-18.24	15	-24.74	4.00	-46.98	0.02004	-46.98	0.02004
5270MHz_TnomVmin	Pass	5.3584G	5.4G	1M	5378.659	-43.04	0.04966	-26.02	2.5	-17.02	4.00	-47.04	0.01977	-47.04	0.01977
5270MHz_TnomVmax	Pass	5.1G	5.21G	1M	5209.89	-42.90	0.05129	-26.02	2.5	-16.88	4.00	-46.90	0.02042	-46.90	0.02042
5270MHz_TnomVmax	Pass	5.21G	5.2216G	1M	5221.554	-39.42	0.11429	-26.02	2.5	-13.40	4.00	-43.42	0.0455	-43.42	0.0455
5270MHz_TnomVmax	Pass	5.2216G	5.23G	1M	5227.421	-35.84	0.26062	-22.56	5.55	-13.28	4.00	-39.84	0.10375	-39.84	0.10375
5270MHz_TnomVmax	Pass	5.23G	5.249G	1M	5233.61	-32.88	0.51523	-19.50	11.22	-13.38	4.00	-36.88	0.20512	-36.88	0.20512
5270MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.004	-29.46	1.1324	-12.97	50.47	-16.49	4.00	-33.46	0.45082	-33.46	0.45082
5270MHz_TnomVmax	Pass	5.35G	5.3584G	1M	5354.418	-42.87	0.05164	-18.24	15	-24.63	4.00	-46.87	0.02056	-46.87	0.02056
5270MHz_TnomVmax	Pass	5.3584G	5.4G	1M	5359.898	-43.06	0.04943	-26.02	2.5	-17.04	4.00	-47.06	0.01968	-47.06	0.01968
5310MHz_TnomVnom	Pass	5.1G	5.21G	1M	5209.23	-43.84	0.0413	-26.02	2.5	-17.82	4.00	-47.84	0.01644	-47.84	0.01644
5310MHz_TnomVnom	Pass	5.21G	5.2216G	1M	5217.702	-43.49	0.04477	-26.02	2.5	-17.47	4.00	-47.49	0.01782	-47.49	0.01782
5310MHz_TnomVnom	Pass	5.2216G	5.23G	1M	5221.634	-43.60	0.04365	-26.00	2.51	-17.60	4.00	-47.60	0.01738	-47.60	0.01738
5310MHz_TnomVnom	Pass	5.23G	5.249G	1M	5230.076	-43.52	0.04446	-20.99	7.96	-22.53	4.00	-47.52	0.0177	-47.52	0.0177
5310MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.009	-43.48	0.04487	-12.92	51.05	-30.56	4.00	-47.48	0.01786	-47.48	0.01786
5310MHz_TnomVnom	Pass	5.35G	5.3584G	1M	5350.277	-35.53	0.2799	-18.24	15	-17.29	4.00	-39.53	0.11143	-39.53	0.11143
5310MHz_TnomVnom	Pass	5.3584G	5.4G	1M	5358.691	-39.74	0.10617	-26.02	2.5	-13.72	4.00	-43.74	0.04227	-43.74	0.04227
5310MHz_TnomVmin	Pass	5.1G	5.21G	1M	5209.12	-43.66	0.04305	-26.02	2.5	-17.64	4.00	-47.66	0.01714	-47.66	0.01714

**CSE-TX-EIRP Out-Band Leakage PowerResult****Appendix F**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5310MHz_TnomVmin	Pass	5.21G	5.2216G	1M	5217.54	-43.51	0.04457	-26.02	2.5	-17.49	4.00	-47.51	0.01774	-47.51	0.01774
5310MHz_TnomVmin	Pass	5.2216G	5.23G	1M	5221.802	-43.51	0.04457	-25.90	2.57	-17.61	4.00	-47.51	0.01774	-47.51	0.01774
5310MHz_TnomVmin	Pass	5.23G	5.249G	1M	5230.114	-43.51	0.04457	-20.98	7.98	-22.53	4.00	-47.51	0.01774	-47.51	0.01774
5310MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.001	-43.58	0.04385	-13.00	50.12	-30.58	4.00	-47.58	0.01746	-47.58	0.01746
5310MHz_TnomVmin	Pass	5.35G	5.3584G	1M	5350.008	-35.32	0.29376	-18.24	15	-17.08	4.00	-39.32	0.11695	-39.32	0.11695
5310MHz_TnomVmin	Pass	5.3584G	5.4G	1M	5358.442	-39.74	0.10617	-26.02	2.5	-13.72	4.00	-43.74	0.04227	-43.74	0.04227
5310MHz_TnomVmax	Pass	5.1G	5.21G	1M	5209.34	-43.71	0.04256	-26.02	2.5	-17.69	4.00	-47.71	0.01694	-47.71	0.01694
5310MHz_TnomVmax	Pass	5.21G	5.2216G	1M	5219.118	-43.46	0.04508	-26.02	2.5	-17.44	4.00	-47.46	0.01795	-47.46	0.01795
5310MHz_TnomVmax	Pass	5.2216G	5.23G	1M	5221.701	-43.59	0.04375	-25.96	2.54	-17.63	4.00	-47.59	0.01742	-47.59	0.01742
5310MHz_TnomVmax	Pass	5.23G	5.249G	1M	5230.171	-43.53	0.04436	-20.95	8.04	-22.58	4.00	-47.53	0.01766	-47.53	0.01766
5310MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.002	-43.62	0.04345	-12.99	50.23	-30.63	4.00	-47.62	0.0173	-47.62	0.0173
5310MHz_TnomVmax	Pass	5.35G	5.3584G	1M	5350.185	-35.53	0.2799	-18.24	15	-17.29	4.00	-39.53	0.11143	-39.53	0.11143
5310MHz_TnomVmax	Pass	5.3584G	5.4G	1M	5358.608	-39.96	0.10093	-26.02	2.5	-13.94	4.00	-43.96	0.04018	-43.96	0.04018
5510MHz_TnomVnom	Pass	5.42G	5.46G	1M	5459.88	-40.09	0.09795	-19.03	12.5	-21.06	4.00	-44.09	0.03899	-44.09	0.03899
5510MHz_TnomVnom	Pass	5.46G	5.47G	1M	5469.73	-33.86	0.41115	-13.01	50	-20.85	4.00	-37.86	0.16368	-37.86	0.16368
5510MHz_TnomVnom	Pass	5.725G	5.76G	1M	5725.14	-43.38	0.04592	-19.03	12.5	-24.35	4.00	-47.38	0.01828	-47.38	0.01828
5510MHz_TnomVmin	Pass	5.42G	5.46G	1M	5460	-40.11	0.0975	-19.03	12.5	-21.08	4.00	-44.11	0.03882	-44.11	0.03882
5510MHz_TnomVmin	Pass	5.46G	5.47G	1M	5469.36	-34.24	0.3767	-13.01	50	-21.23	4.00	-38.24	0.14997	-38.24	0.14997
5510MHz_TnomVmin	Pass	5.725G	5.76G	1M	5730.635	-43.46	0.04508	-19.03	12.5	-24.43	4.00	-47.46	0.01795	-47.46	0.01795
5510MHz_TnomVmax	Pass	5.42G	5.46G	1M	5459.56	-40.14	0.09683	-19.03	12.5	-21.11	4.00	-44.14	0.03855	-44.14	0.03855
5510MHz_TnomVmax	Pass	5.46G	5.47G	1M	5469.87	-34.10	0.38905	-13.01	50	-21.09	4.00	-38.10	0.15488	-38.10	0.15488
5510MHz_TnomVmax	Pass	5.725G	5.76G	1M	5725.385	-43.39	0.04581	-19.03	12.5	-24.36	4.00	-47.39	0.01824	-47.39	0.01824
5590MHz_TnomVnom	Pass	5.42G	5.46G	1M	5421.08	-43.68	0.04285	-19.03	12.5	-24.65	4.00	-47.68	0.01706	-47.68	0.01706
5590MHz_TnomVnom	Pass	5.46G	5.47G	1M	5468.62	-43.81	0.04159	-13.01	50	-30.80	4.00	-47.81	0.01656	-47.81	0.01656
5590MHz_TnomVnom	Pass	5.725G	5.76G	1M	5725.56	-43.27	0.0471	-19.03	12.5	-24.24	4.00	-47.27	0.01875	-47.27	0.01875
5590MHz_TnomVmin	Pass	5.42G	5.46G	1M	5424.36	-43.73	0.04236	-19.03	12.5	-24.70	4.00	-47.73	0.01687	-47.73	0.01687
5590MHz_TnomVmin	Pass	5.46G	5.47G	1M	5469.66	-43.85	0.04121	-13.01	50	-30.84	4.00	-47.85	0.01641	-47.85	0.01641
5590MHz_TnomVmin	Pass	5.725G	5.76G	1M	5734.24	-43.31	0.04667	-19.03	12.5	-24.28	4.00	-47.31	0.01858	-47.31	0.01858
5590MHz_TnomVmax	Pass	5.42G	5.46G	1M	5427.16	-43.78	0.04188	-19.03	12.5	-24.75	4.00	-47.78	0.01667	-47.78	0.01667
5590MHz_TnomVmax	Pass	5.46G	5.47G	1M	5468.61	-43.79	0.04178	-13.01	50	-30.78	4.00	-47.79	0.01663	-47.79	0.01663
5590MHz_TnomVmax	Pass	5.725G	5.76G	1M	5733.19	-43.44	0.04529	-19.03	12.5	-24.41	4.00	-47.44	0.01803	-47.44	0.01803
5670MHz_TnomVnom	Pass	5.42G	5.46G	1M	5427.36	-43.89	0.04083	-19.03	12.5	-24.86	4.00	-47.89	0.01626	-47.89	0.01626
5670MHz_TnomVnom	Pass	5.46G	5.47G	1M	5465.03	-43.89	0.04083	-13.01	50	-30.88	4.00	-47.89	0.01626	-47.89	0.01626
5670MHz_TnomVnom	Pass	5.725G	5.76G	1M	5727.485	-42.75	0.05309	-19.03	12.5	-23.72	4.00	-46.75	0.02113	-46.75	0.02113
5670MHz_TnomVmin	Pass	5.42G	5.46G	1M	5426.8	-43.90	0.04074	-19.03	12.5	-24.87	4.00	-47.90	0.01622	-47.90	0.01622
5670MHz_TnomVmin	Pass	5.46G	5.47G	1M	5469.13	-43.84	0.0413	-13.01	50	-30.83	4.00	-47.84	0.01644	-47.84	0.01644
5670MHz_TnomVmin	Pass	5.725G	5.76G	1M	5728.255	-42.77	0.05284	-19.03	12.5	-23.74	4.00	-46.77	0.02104	-46.77	0.02104
5670MHz_TnomVmax	Pass	5.42G	5.46G	1M	5420.08	-43.79	0.04178	-19.03	12.5	-24.76	4.00	-47.79	0.01663	-47.79	0.01663
5670MHz_TnomVmax	Pass	5.46G	5.47G	1M	5469.21	-43.86	0.04111	-13.01	50	-30.85	4.00	-47.86	0.01637	-47.86	0.01637
5670MHz_TnomVmax	Pass	5.725G	5.76G	1M	5728.36	-42.81	0.05236	-19.03	12.5	-23.78	4.00	-46.81	0.02084	-46.81	0.02084
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.02G	5.1232G	1M	5122.89	-43.07	0.04932	-26.02	2.5	-17.05	4.00	-47.07	0.01963	-47.07	0.01963
5210MHz_TnomVnom	Pass	5.1232G	5.15G	1M	5146.73	-40.93	0.08072	-18.24	15	-22.69	4.00	-44.93	0.03214	-44.93	0.03214

**CSE-TX-EIRP Out-Band Leakage PowerResult****Appendix F**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5210MHz_TnomVnom	Pass	5.25G	5.251G	1M	5250.958	-32.51	0.56105	-15.60	27.54	-16.91	4.00	-36.51	0.22336	-36.51	0.22336
5210MHz_TnomVnom	Pass	5.251G	5.29G	1M	5251.039	-33.28	0.46989	-16.03	24.95	-17.25	4.00	-37.28	0.18707	-37.28	0.18707
5210MHz_TnomVnom	Pass	5.29G	5.2967G	1M	5296.358	-47.60	0.01738	-25.92	2.56	-21.68	4.00	-51.60	0.00692	-51.60	0.00692
5210MHz_TnomVnom	Pass	5.2967G	5.48G	1M	5307.881	-47.43	0.01807	-26.02	2.5	-21.41	4.00	-51.43	0.00719	-51.43	0.00719
5210MHz_TnomVmin	Pass	5.02G	5.1232G	1M	5122.787	-43.30	0.04677	-26.02	2.5	-17.28	4.00	-47.30	0.01862	-47.30	0.01862
5210MHz_TnomVmin	Pass	5.1232G	5.15G	1M	5149.357	-40.94	0.08054	-18.24	15	-22.70	4.00	-44.94	0.03206	-44.94	0.03206
5210MHz_TnomVmin	Pass	5.25G	5.251G	1M	5250.971	-32.33	0.58479	-15.73	26.73	-16.60	4.00	-36.33	0.23281	-36.33	0.23281
5210MHz_TnomVmin	Pass	5.251G	5.29G	1M	5251	-33.42	0.45499	-16.02	25	-17.40	4.00	-37.42	0.18113	-37.42	0.18113
5210MHz_TnomVmin	Pass	5.29G	5.2967G	1M	5296.499	-47.56	0.01754	-25.96	2.54	-21.60	4.00	-51.56	0.00698	-51.56	0.00698
5210MHz_TnomVmin	Pass	5.2967G	5.48G	1M	5307.331	-47.36	0.01837	-26.02	2.5	-21.34	4.00	-51.36	0.00731	-51.36	0.00731
5210MHz_TnomVmax	Pass	5.02G	5.1232G	1M	5123.2	-43.00	0.05012	-26.02	2.5	-16.98	4.00	-47.00	0.01995	-47.00	0.01995
5210MHz_TnomVmax	Pass	5.1232G	5.15G	1M	5147.534	-40.74	0.08433	-18.24	15	-22.50	4.00	-44.74	0.03357	-44.74	0.03357
5210MHz_TnomVmax	Pass	5.25G	5.251G	1M	5250.963	-32.43	0.57148	-15.65	27.23	-16.78	4.00	-36.43	0.22751	-36.43	0.22751
5210MHz_TnomVmax	Pass	5.251G	5.29G	1M	5251	-33.02	0.49888	-16.02	25	-17.00	4.00	-37.02	0.19861	-37.02	0.19861
5210MHz_TnomVmax	Pass	5.29G	5.2967G	1M	5296.332	-47.40	0.0182	-25.91	2.56	-21.49	4.00	-51.40	0.00724	-51.40	0.00724
5210MHz_TnomVmax	Pass	5.2967G	5.48G	1M	5307.331	-47.18	0.01914	-26.02	2.5	-21.16	4.00	-51.18	0.00762	-51.18	0.00762
5290MHz_TnomVnom	Pass	5.02G	5.2033G	1M	5202.567	-38.62	0.1374	-26.02	2.5	-12.60	4.00	-42.62	0.0547	-42.62	0.0547
5290MHz_TnomVnom	Pass	5.2033G	5.21G	1M	5203.313	-38.34	0.14655	-26.02	2.5	-12.32	4.00	-42.34	0.05834	-42.34	0.05834
5290MHz_TnomVnom	Pass	5.21G	5.249G	1M	5211.443	-37.12	0.19409	-23.68	4.29	-13.44	4.00	-41.12	0.07727	-41.12	0.07727
5290MHz_TnomVnom	Pass	5.249G	5.25G	1M	5249.012	-31.49	0.70958	-15.90	25.7	-15.59	4.00	-35.49	0.28249	-35.49	0.28249
5290MHz_TnomVnom	Pass	5.35G	5.3768G	1M	5350.054	-35.01	0.3155	-18.24	15	-16.77	4.00	-39.01	0.1256	-39.01	0.1256
5290MHz_TnomVnom	Pass	5.3768G	5.48G	1M	5377.316	-39.01	0.1256	-26.02	2.5	-12.99	4.00	-43.01	0.05	-43.01	0.05
5290MHz_TnomVmin	Pass	5.02G	5.2033G	1M	5202.567	-38.39	0.14488	-26.02	2.5	-12.37	4.00	-42.39	0.05768	-42.39	0.05768
5290MHz_TnomVmin	Pass	5.2033G	5.21G	1M	5203.742	-38.30	0.14791	-25.89	2.58	-12.41	4.00	-42.30	0.05888	-42.30	0.05888
5290MHz_TnomVmin	Pass	5.21G	5.249G	1M	5212.496	-37.06	0.19679	-23.47	4.5	-13.59	4.00	-41.06	0.07834	-41.06	0.07834
5290MHz_TnomVmin	Pass	5.249G	5.25G	1M	5249.002	-31.78	0.66374	-16.00	25.12	-15.78	4.00	-35.78	0.26424	-35.78	0.26424
5290MHz_TnomVmin	Pass	5.35G	5.3768G	1M	5350.027	-35.00	0.31623	-18.24	15	-16.76	4.00	-39.00	0.12589	-39.00	0.12589
5290MHz_TnomVmin	Pass	5.3768G	5.48G	1M	5378.245	-39.22	0.11967	-26.02	2.5	-13.20	4.00	-43.22	0.04764	-43.22	0.04764
5290MHz_TnomVmax	Pass	5.02G	5.2033G	1M	5203.3	-38.51	0.14093	-26.02	2.5	-12.49	4.00	-42.51	0.0561	-42.51	0.0561
5290MHz_TnomVmax	Pass	5.2033G	5.21G	1M	5203.494	-38.38	0.14521	-25.96	2.54	-12.42	4.00	-42.38	0.05781	-42.38	0.05781
5290MHz_TnomVmax	Pass	5.21G	5.249G	1M	5214.953	-36.44	0.22699	-22.97	5.05	-13.47	4.00	-40.44	0.09036	-40.44	0.09036
5290MHz_TnomVmax	Pass	5.249G	5.25G	1M	5249.008	-31.58	0.69502	-15.94	25.47	-15.64	4.00	-35.58	0.27669	-35.58	0.27669
5290MHz_TnomVmax	Pass	5.35G	5.3768G	1M	5350.777	-35.08	0.31046	-18.24	15	-16.84	4.00	-39.08	0.12359	-39.08	0.12359
5290MHz_TnomVmax	Pass	5.3768G	5.48G	1M	5377.832	-39.19	0.1205	-26.02	2.5	-13.17	4.00	-43.19	0.04797	-43.19	0.04797
5530MHz_TnomVnom	Pass	5.34G	5.46G	1M	5459.16	-35.25	0.29854	-19.03	12.5	-16.22	4.00	-39.25	0.11885	-39.25	0.11885
5530MHz_TnomVnom	Pass	5.46G	5.4695G	1M	5468.797	-33.79	0.41783	-13.01	50	-20.78	4.00	-37.79	0.16634	-37.79	0.16634
5530MHz_TnomVnom	Pass	5.4695G	5.47G	1M	5469.845	-33.65	0.43152	-12.91	51.17	-20.74	4.00	-37.65	0.17179	-37.65	0.17179
5530MHz_TnomVnom	Pass	5.725G	5.8G	1M	5725.45	-43.42	0.0455	-19.03	12.5	-24.39	4.00	-47.42	0.01811	-47.42	0.01811
5530MHz_TnomVmin	Pass	5.34G	5.46G	1M	5460	-35.27	0.29717	-19.03	12.5	-16.24	4.00	-39.27	0.1183	-39.27	0.1183
5530MHz_TnomVmin	Pass	5.46G	5.4695G	1M	5466.213	-33.78	0.41879	-13.01	50	-20.77	4.00	-37.78	0.16672	-37.78	0.16672
5530MHz_TnomVmin	Pass	5.4695G	5.47G	1M	5469.793	-33.64	0.43251	-12.91	51.17	-20.73	4.00	-37.64	0.17219	-37.64	0.17219
5530MHz_TnomVmin	Pass	5.725G	5.8G	1M	5728.15	-43.47	0.04498	-19.03	12.5	-24.44	4.00	-47.47	0.01791	-47.47	0.01791
5530MHz_TnomVmax	Pass	5.34G	5.46G	1M	5459.88	-35.24	0.29923	-19.03	12.5	-16.21	4.00	-39.24	0.11912	-39.24	0.11912
5530MHz_TnomVmax	Pass	5.46G	5.4695G	1M	5467.458	-33.86	0.41115	-13.01	50	-20.85	4.00	-37.86	0.16368	-37.86	0.16368

**CSE-TX-EIRP Out-Band Leakage PowerResult****Appendix F**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (dBm)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	Psum (uW/MHz)	P1 (dBm)	P1 (uW/MHz)
5530MHz_TnomVmax	Pass	5.4695G	5.47G	1M	5469.84	-33.46	0.45082	-12.91	51.17	-20.55	4.00	-37.46	0.17947	-37.46	0.17947
5530MHz_TnomVmax	Pass	5.725G	5.8G	1M	5725.75	-43.52	0.04446	-19.03	12.5	-24.49	4.00	-47.52	0.0177	-47.52	0.0177
5610MHz_TnomVnom	Pass	5.34G	5.46G	1M	5351.64	-43.18	0.04808	-19.03	12.5	-24.15	4.00	-47.18	0.01914	-47.18	0.01914
5610MHz_TnomVnom	Pass	5.46G	5.4695G	1M	5468.018	-43.77	0.04198	-13.01	50	-30.76	4.00	-47.77	0.01671	-47.77	0.01671
5610MHz_TnomVnom	Pass	5.4695G	5.47G	1M	5469.703	-44.39	0.03639	-12.91	51.17	-31.48	4.00	-48.39	0.01449	-48.39	0.01449
5610MHz_TnomVnom	Pass	5.725G	5.8G	1M	5726.275	-42.99	0.05023	-19.03	12.5	-23.96	4.00	-46.99	0.02	-46.99	0.02
5610MHz_TnomVmin	Pass	5.34G	5.46G	1M	5354.52	-43.20	0.04786	-19.03	12.5	-24.17	4.00	-47.20	0.01905	-47.20	0.01905
5610MHz_TnomVmin	Pass	5.46G	5.4695G	1M	5467.771	-43.72	0.04246	-13.01	50	-30.71	4.00	-47.72	0.0169	-47.72	0.0169
5610MHz_TnomVmin	Pass	5.4695G	5.47G	1M	5469.591	-44.45	0.03589	-12.91	51.17	-31.54	4.00	-48.45	0.01429	-48.45	0.01429
5610MHz_TnomVmin	Pass	5.725G	5.8G	1M	5725.3	-43.05	0.04955	-19.03	12.5	-24.02	4.00	-47.05	0.01972	-47.05	0.01972
5610MHz_TnomVmax	Pass	5.34G	5.46G	1M	5353.68	-43.21	0.04775	-19.03	12.5	-24.18	4.00	-47.21	0.01901	-47.21	0.01901
5610MHz_TnomVmax	Pass	5.46G	5.4695G	1M	5468.626	-43.77	0.04198	-13.01	50	-30.76	4.00	-47.77	0.01671	-47.77	0.01671
5610MHz_TnomVmax	Pass	5.4695G	5.47G	1M	5469.676	-44.42	0.03614	-12.91	51.17	-31.51	4.00	-48.42	0.01439	-48.42	0.01439
5610MHz_TnomVmax	Pass	5.725G	5.8G	1M	5727.325	-43.05	0.04955	-19.03	12.5	-24.02	4.00	-47.05	0.01972	-47.05	0.01972



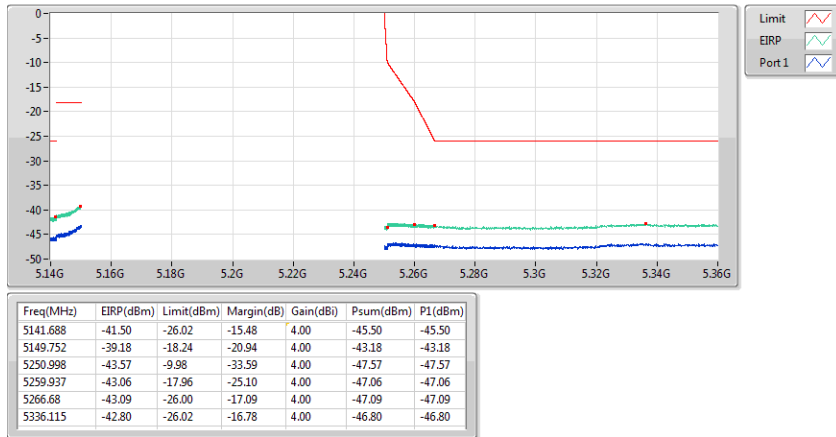
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11a_Nss1_1TX

CSE-TX-EIRP

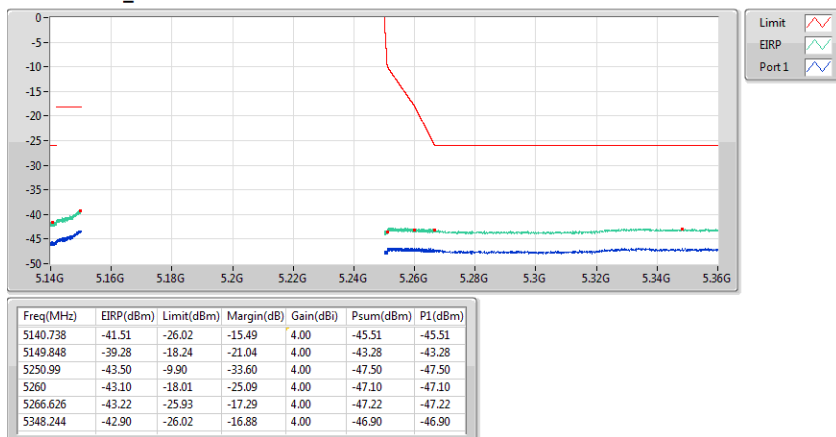
5180MHz_TnomVnom



802.11a_Nss1_1TX

CSE-TX-EIRP

5180MHz_TnomVmin



802.11a_Nss1_1TX

CSE-TX-EIRP

5180MHz_TnomVmax





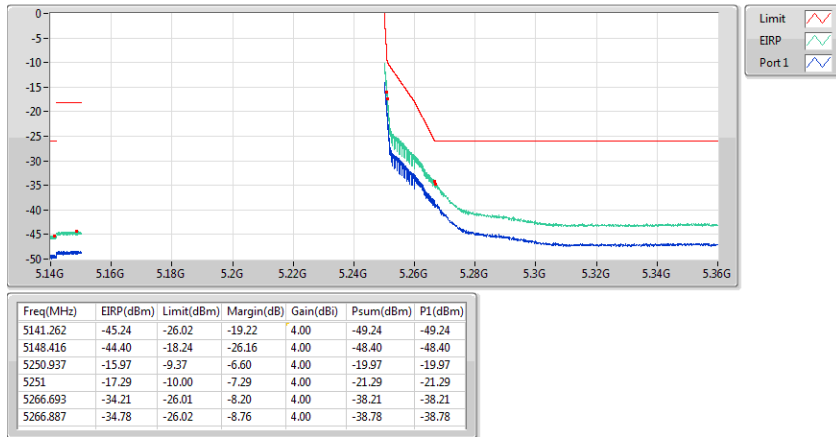
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11a_Nss1_1TX

CSE-TX-EIRP

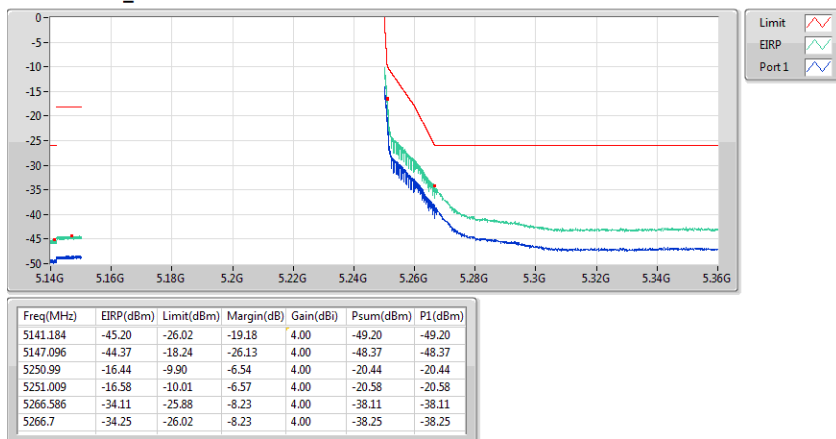
5240MHz_TnomVnom



802.11a_Nss1_1TX

CSE-TX-EIRP

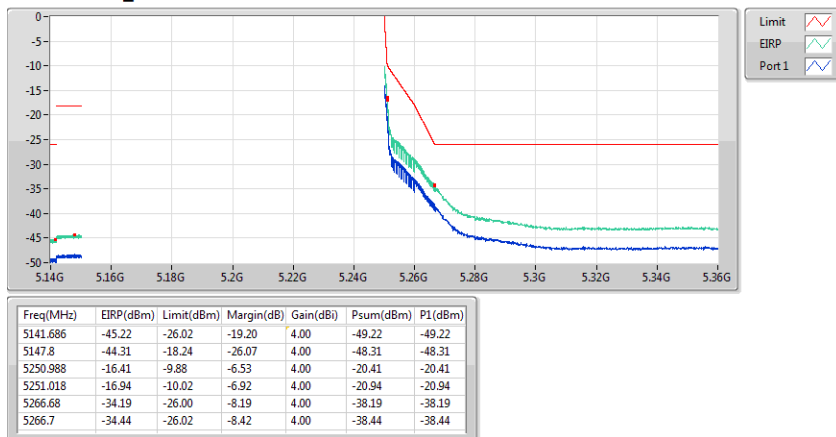
5240MHz_TnomVmin



802.11a_Nss1_1TX

CSE-TX-EIRP

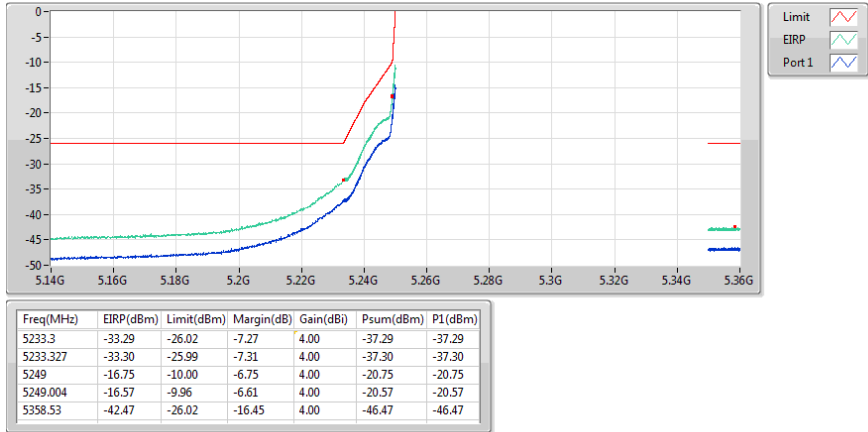
5240MHz_TnomVmax



802.11a_Nss1_1TX

CSE-TX-EIRP

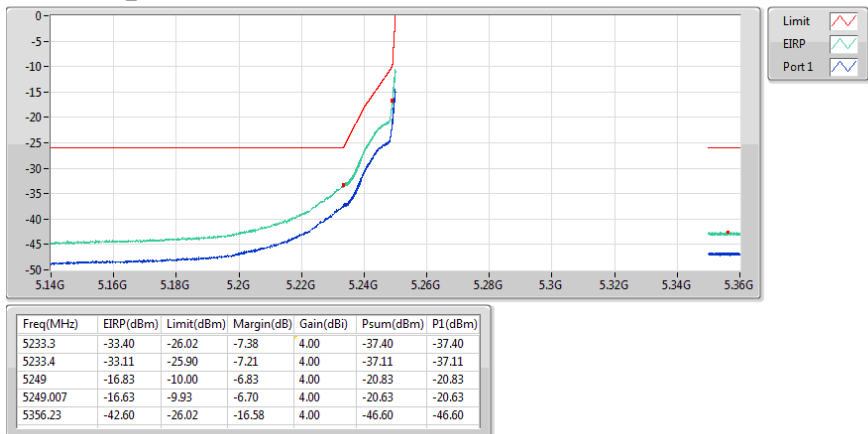
5260MHz_TnomVnom



802.11a_Nss1_1TX

CSE-TX-EIRP

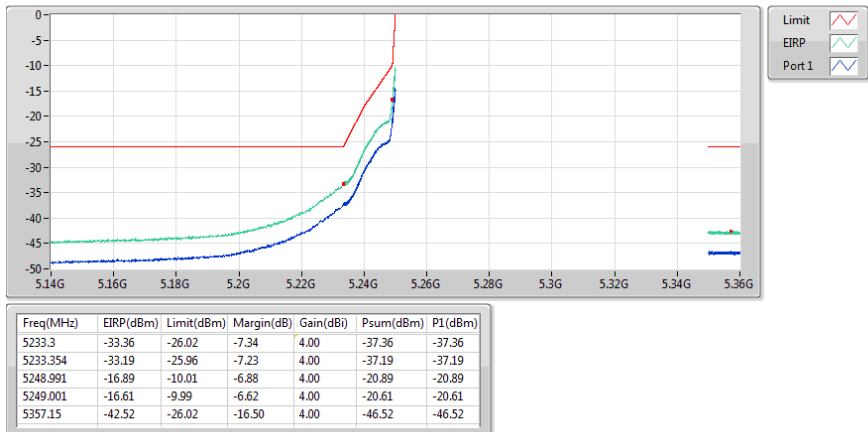
5260MHz_TnomVmin



802.11a_Nss1_1TX

CSE-TX-EIRP

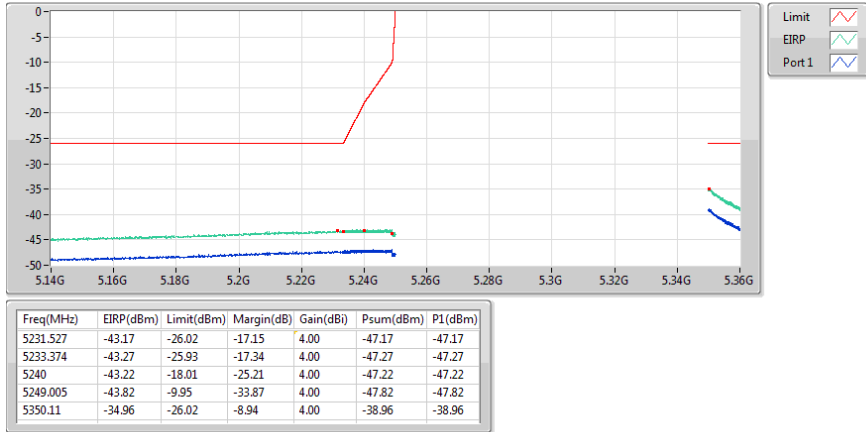
5260MHz_TnomVmax



802.11a_Nss1_1TX

CSE-TX-EIRP

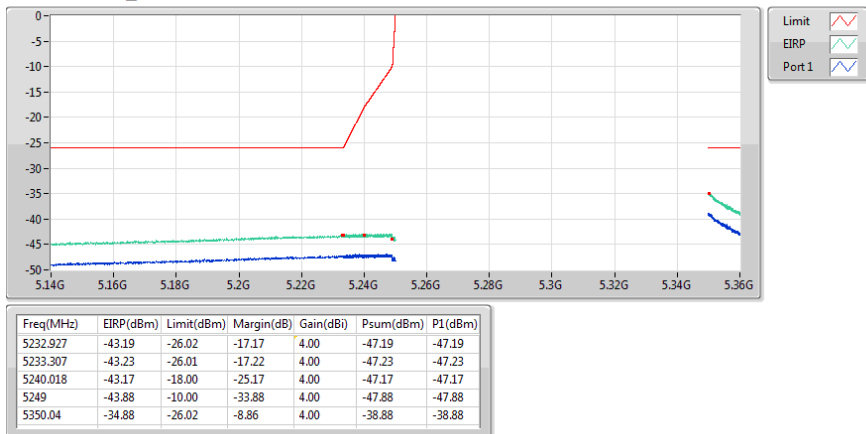
5320MHz_TnomVnom



802.11a_Nss1_1TX

CSE-TX-EIRP

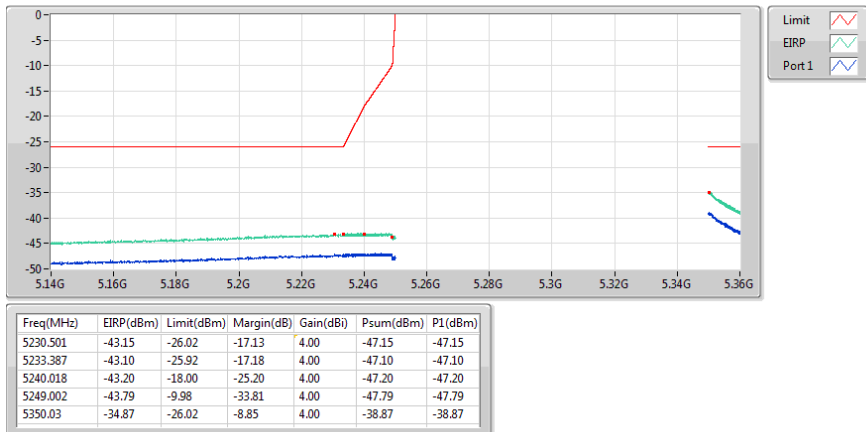
5320MHz_TnomVmin



802.11a_Nss1_1TX

CSE-TX-EIRP

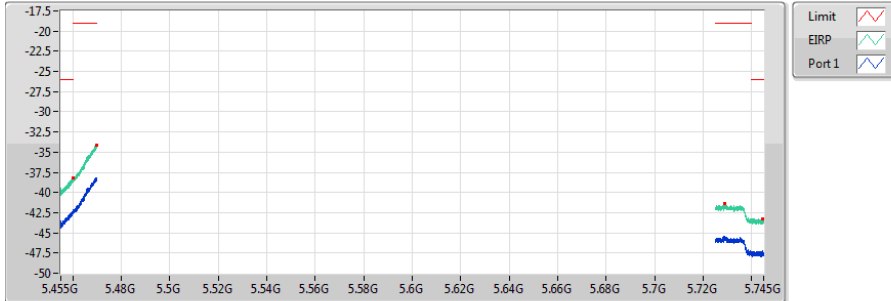
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802.11a_Nss1_1TX

CSE-TX-EIRP

5500MHz_TnomVnom

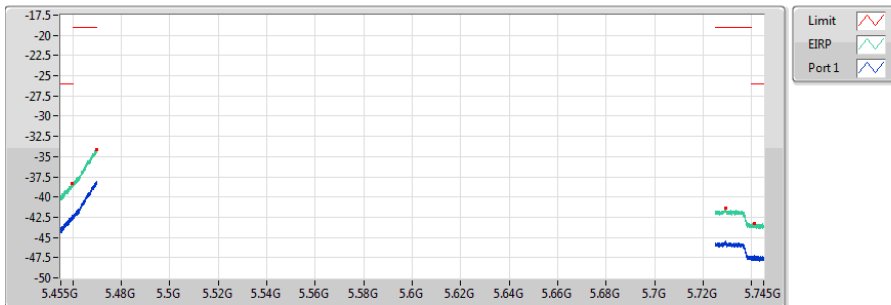


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.92	-38.24	-26.02	-12.22	4.00	-42.24	-42.24
5469.87	-34.14	-19.03	-15.11	4.00	-38.14	-38.14
5728.87	-41.43	-19.03	-22.40	4.00	-45.43	-45.43
5744.595	-43.25	-26.02	-17.23	4.00	-47.25	-47.25

802.11a_Nss1_1TX

CSE-TX-EIRP

5500MHz_TnomVmin

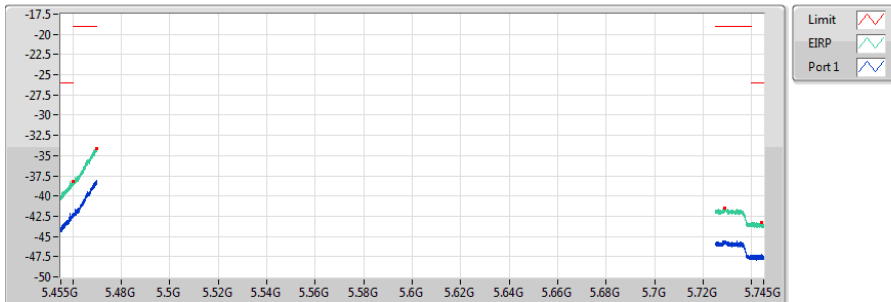


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.795	-38.26	-26.02	-12.24	4.00	-42.26	-42.26
5469.78	-34.09	-19.03	-15.06	4.00	-38.09	-38.09
5729.335	-41.40	-19.03	-22.37	4.00	-45.40	-45.40
5741.215	-43.27	-26.02	-17.25	4.00	-47.27	-47.27

802.11a_Nss1_1TX

CSE-TX-EIRP

5500MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.92	-38.17	-26.02	-12.15	4.00	-42.17	-42.17
5469.98	-34.10	-19.03	-15.07	4.00	-38.10	-38.10
5729.125	-41.52	-19.03	-22.49	4.00	-45.52	-45.52
5744.03	-43.25	-26.02	-17.23	4.00	-47.25	-47.25



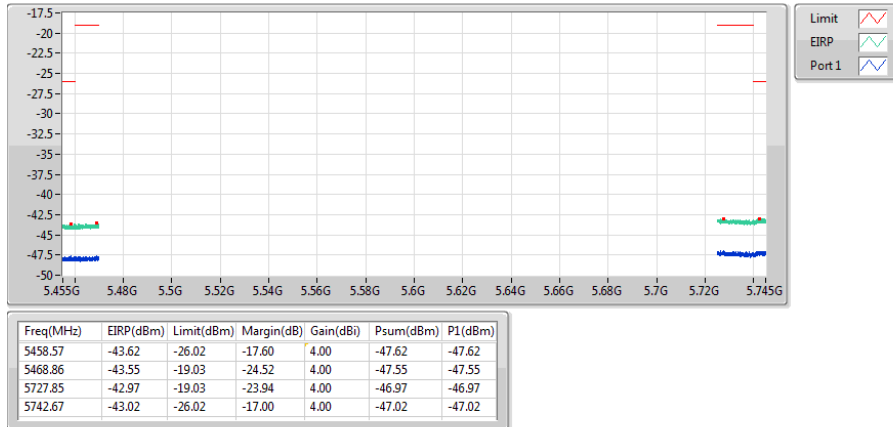
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11a_Nss1_1TX

CSE-TX-EIRP

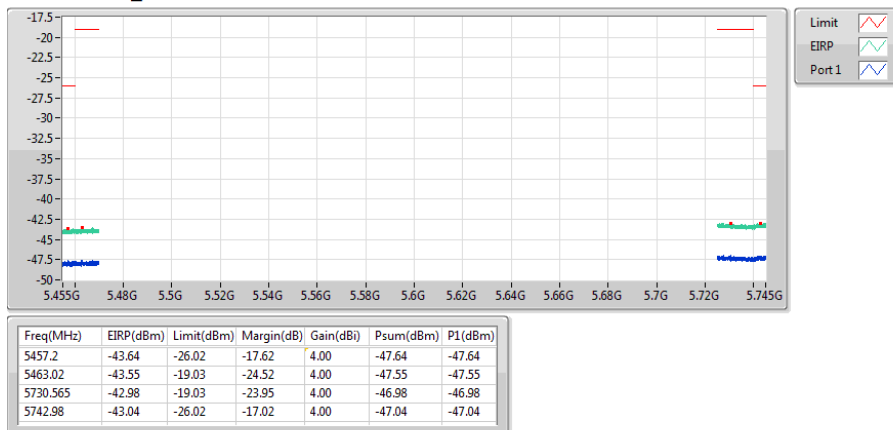
5600MHz_TnomVnom



802.11a_Nss1_1TX

CSE-TX-EIRP

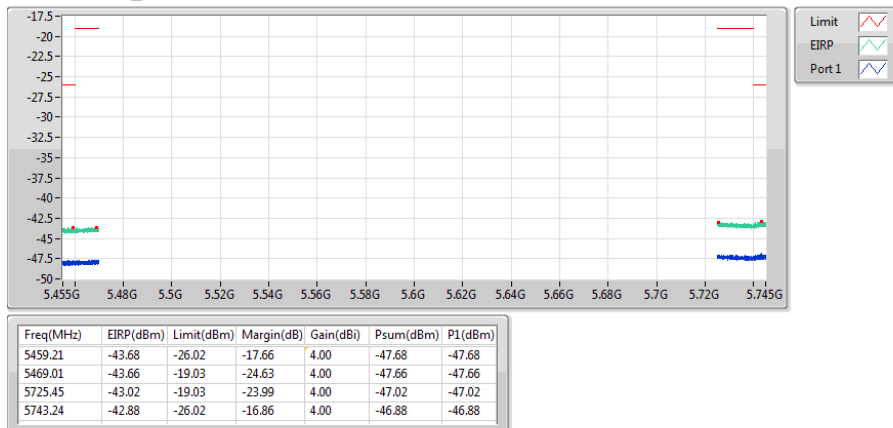
5600MHz_TnomVmin



802.11a_Nss1_1TX

CSE-TX-EIRP

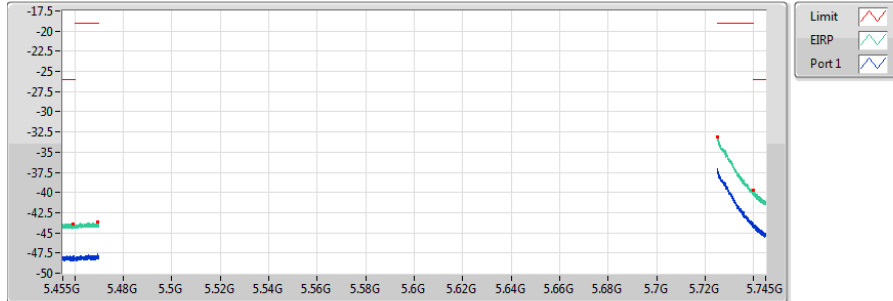
5600MHz_TnomVmax



802.11a_Nss1_1TX

CSE-TX-EIRP

5700MHz_TnomVnom

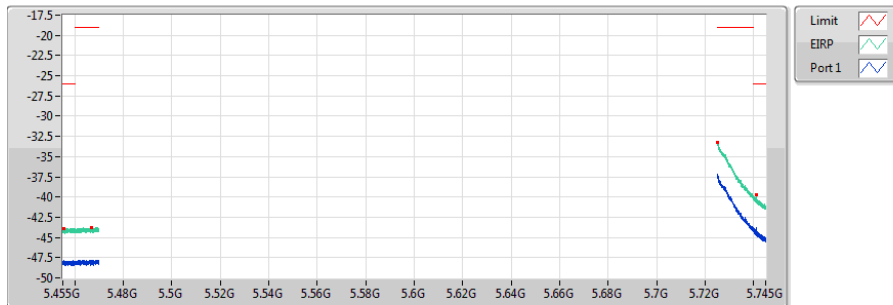


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.11	-43.85	-26.02	-17.83	4.00	-47.85	-47.85
5469.39	-43.65	-19.03	-24.62	4.00	-47.65	-47.65
5725.06	-33.11	-19.03	-14.08	4.00	-37.11	-37.11
5740	-39.78	-26.02	-13.76	4.00	-43.78	-43.78

802.11a_Nss1_1TX

CSE-TX-EIRP

5700MHz_TnomVmin

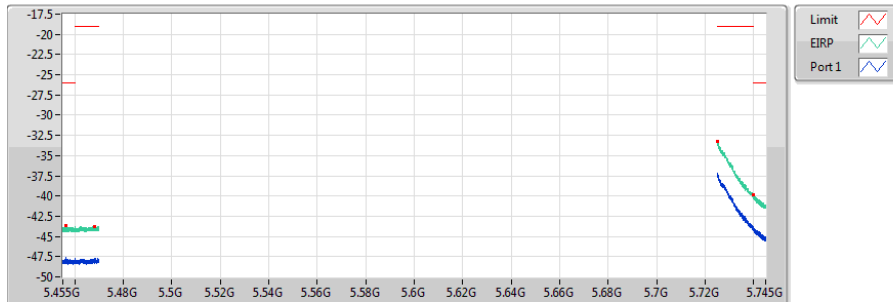


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5455.59	-43.88	-26.02	-17.86	4.00	-47.88	-47.88
5466.69	-43.78	-19.03	-24.75	4.00	-47.78	-47.78
5725.015	-33.24	-19.03	-14.21	4.00	-37.24	-37.24
5741.26	-39.73	-26.02	-13.71	4.00	-43.73	-43.73

802.11a_Nss1_1TX

CSE-TX-EIRP

5700MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5456.265	-43.65	-26.02	-17.63	4.00	-47.65	-47.65
5468.05	-43.73	-19.03	-24.70	4.00	-47.73	-47.73
5725.015	-33.24	-19.03	-14.21	4.00	-37.24	-37.24
5740.07	-39.87	-26.02	-13.85	4.00	-43.87	-43.87



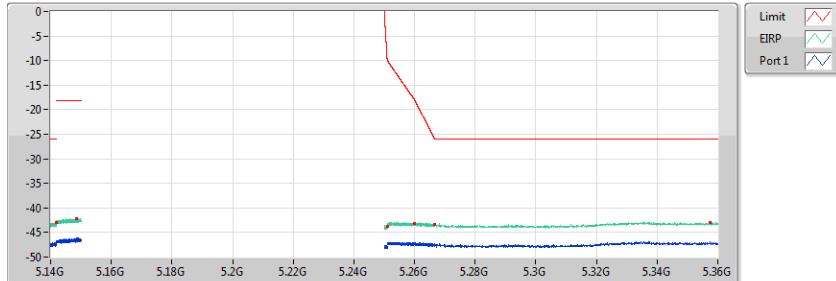
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5180MHz_TnomVnom

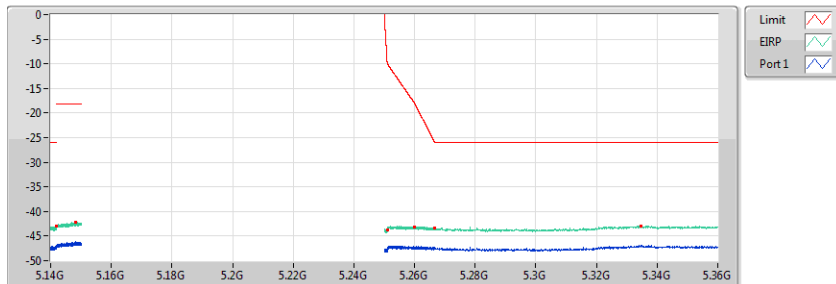


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.8	-42.98	-26.02	-16.96	4.00	-46.98	-46.98
5148.704	-42.16	-18.24	-23.92	4.00	-46.16	-46.16
5250.998	-43.84	-9.98	-33.86	4.00	-47.84	-47.84
5259.982	-43.15	-18.00	-25.15	4.00	-47.15	-47.15
5266.7	-43.41	-26.02	-17.39	4.00	-47.41	-47.41
5357.481	-42.88	-26.02	-16.86	4.00	-46.88	-46.88

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5180MHz_TnomVmin

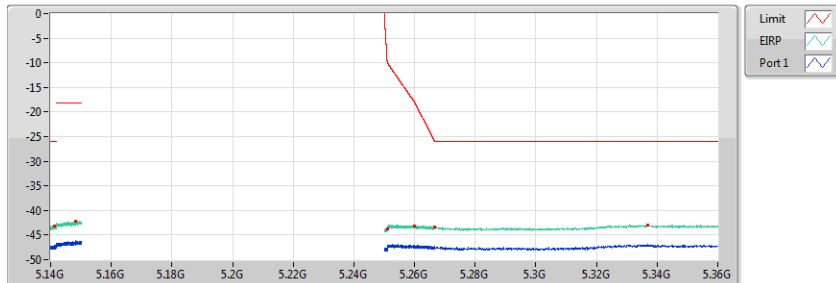


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.846	-43.02	-26.02	-17.00	4.00	-47.02	-47.02
5148.296	-42.14	-18.24	-23.90	4.00	-46.14	-46.14
5250.995	-43.80	-9.95	-33.85	4.00	-47.80	-47.80
5259.955	-43.22	-17.97	-25.25	4.00	-47.22	-47.22
5266.673	-43.45	-25.99	-17.46	4.00	-47.45	-47.45
5334.529	-42.90	-26.02	-16.88	4.00	-46.90	-46.90

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5180MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.358	-43.07	-26.02	-17.05	4.00	-47.07	-47.07
5148.144	-42.11	-18.24	-23.87	4.00	-46.11	-46.11
5250.993	-43.83	-9.93	-33.90	4.00	-47.83	-47.83
5259.973	-43.24	-17.99	-25.25	4.00	-47.24	-47.24
5266.667	-43.40	-25.98	-17.42	4.00	-47.40	-47.40
5336.768	-42.93	-26.02	-16.91	4.00	-46.93	-46.93



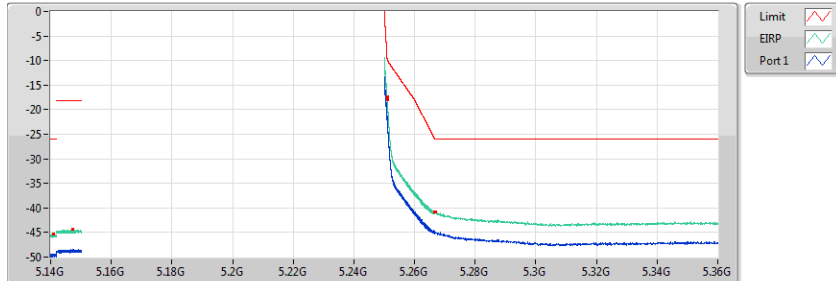
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5240MHz_TnomVnom

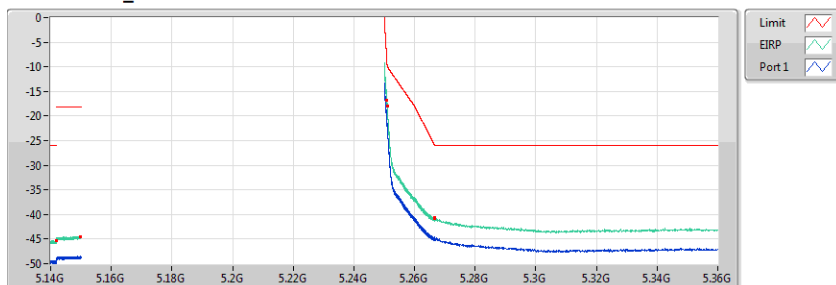


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5140.808	-45.35	-26.02	-19.33	4.00	-49.35	-49.35
5147.256	-44.37	-18.24	-26.13	4.00	-48.37	-48.37
5250.964	-17.32	-9.64	-7.68	4.00	-21.32	-21.32
5251.018	-18.00	-10.02	-7.98	4.00	-22.00	-22.00
5266.687	-40.83	-26.00	-14.83	4.00	-44.83	-44.83
5266.98	-40.86	-26.02	-14.84	4.00	-44.86	-44.86

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5240MHz_TnomVmin

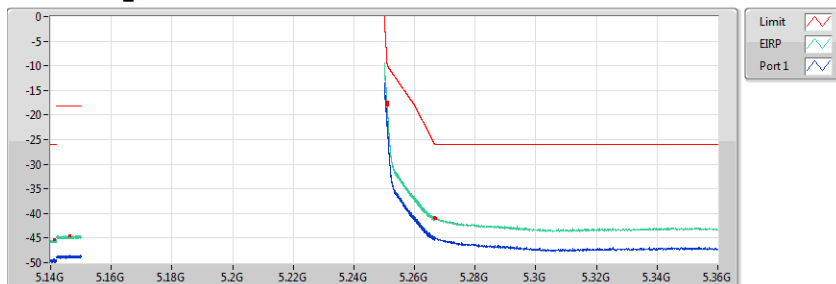


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.904	-45.29	-26.02	-19.27	4.00	-49.29	-49.29
5149.848	-44.49	-18.24	-26.25	4.00	-48.49	-48.49
5250.922	-16.73	-9.22	-7.51	4.00	-20.73	-20.73
5251.009	-17.92	-10.01	-7.91	4.00	-21.92	-21.92
5266.66	-40.89	-25.97	-14.92	4.00	-44.89	-44.89
5266.7	-40.62	-26.02	-14.60	4.00	-44.62	-44.62

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5240MHz_TnomVmax

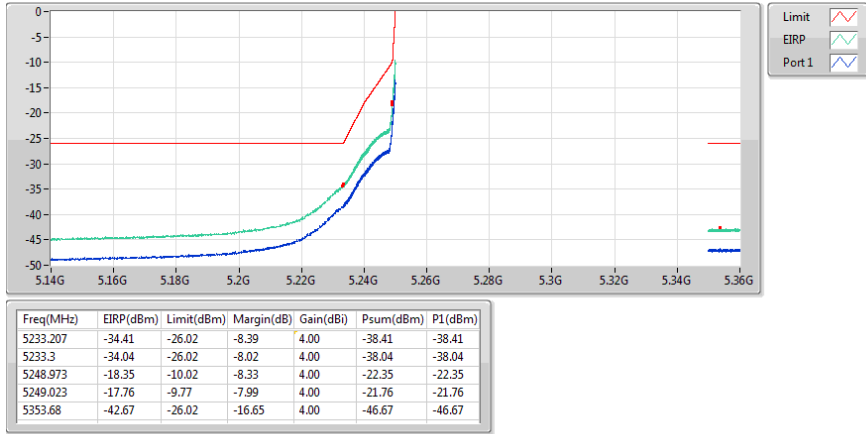


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.252	-45.24	-26.02	-19.22	4.00	-49.24	-49.24
5146.296	-44.52	-18.24	-26.28	4.00	-48.52	-48.52
5250.999	-17.45	-9.99	-7.46	4.00	-21.45	-21.45
5251.018	-17.89	-10.02	-7.87	4.00	-21.89	-21.89
5266.62	-40.81	-25.92	-14.89	4.00	-44.81	-44.81
5266.887	-40.98	-26.02	-14.96	4.00	-44.98	-44.98

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

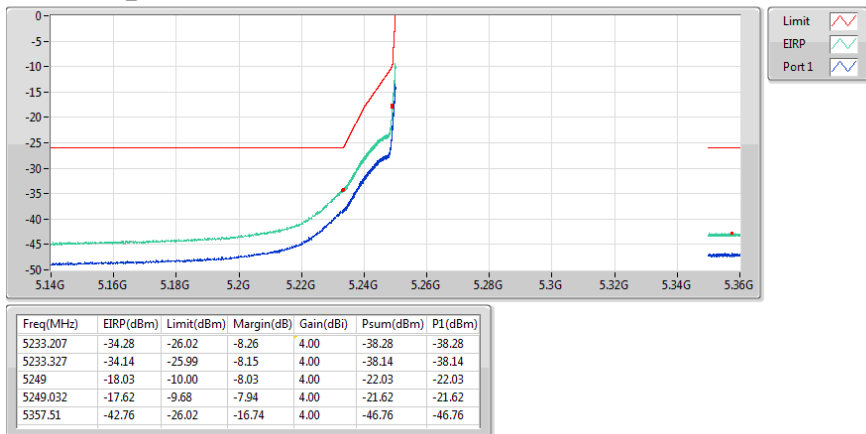
5260MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

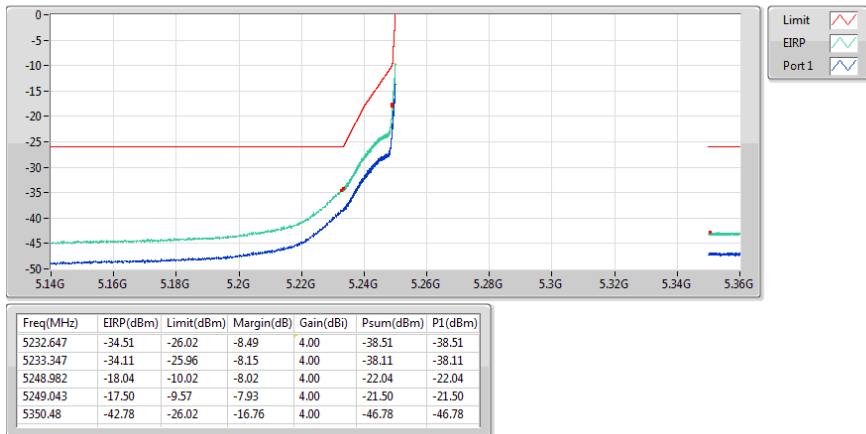
5260MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

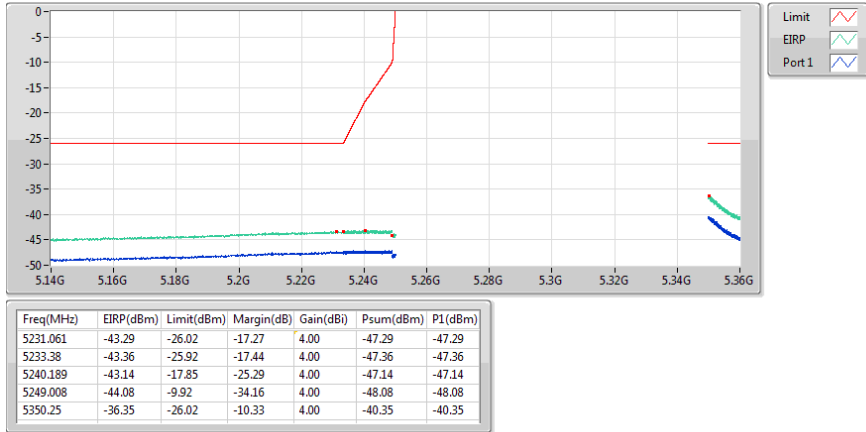
5260MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

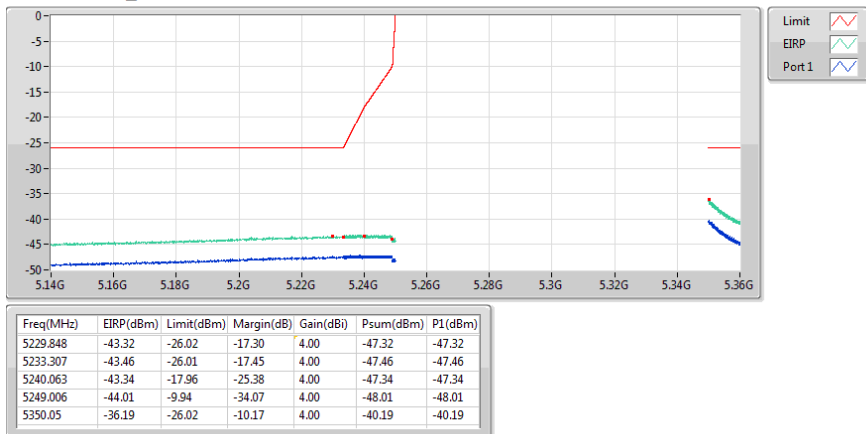
5320MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

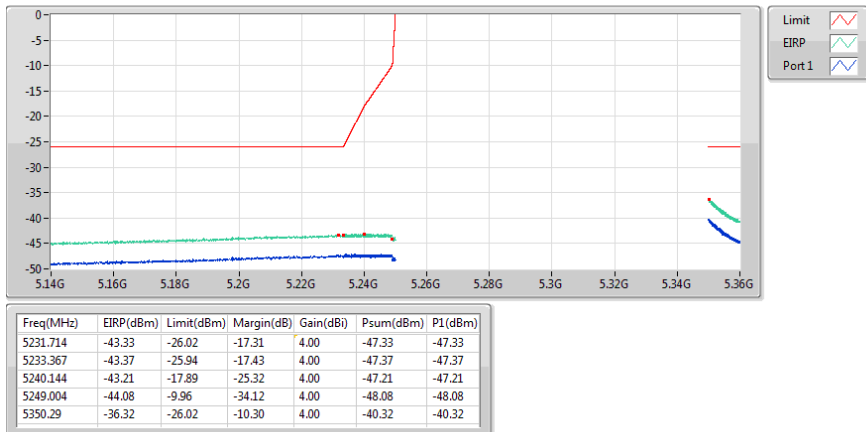
5320MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5320MHz_TnomVmax





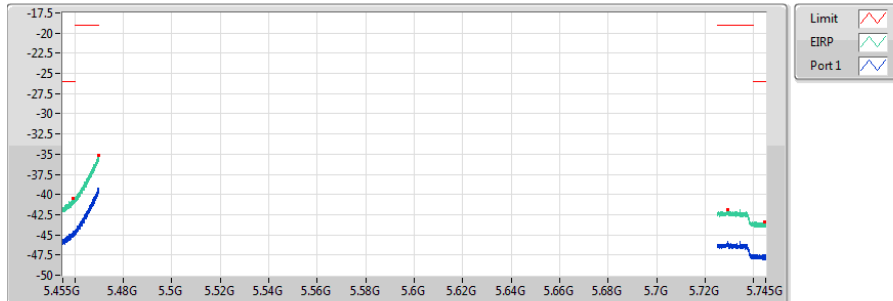
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5500MHz_TnomVnom

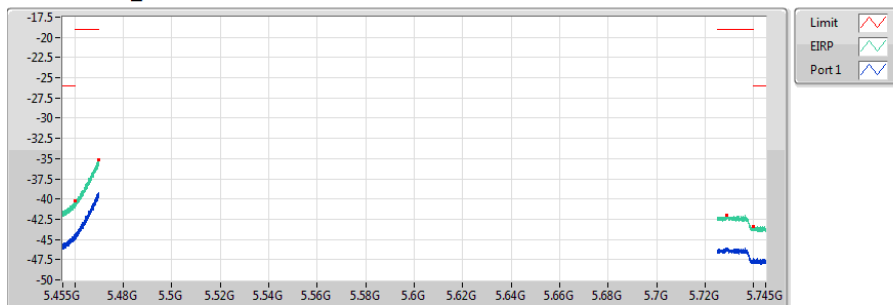


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.385	-40.50	-26.02	-14.48	4.00	-44.50	-44.50
5469.74	-35.15	-19.03	-16.12	4.00	-39.15	-39.15
5729.305	-41.84	-19.03	-22.81	4.00	-45.84	-45.84
5744.375	-43.41	-26.02	-17.39	4.00	-47.41	-47.41

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5500MHz_TnomVmin

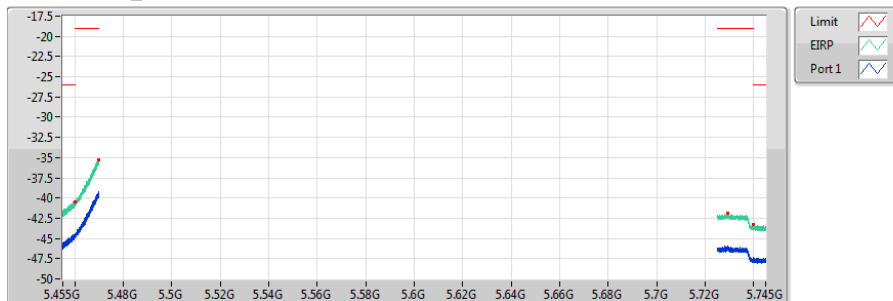


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.995	-40.25	-26.02	-14.23	4.00	-44.25	-44.25
5469.96	-35.19	-19.03	-16.16	4.00	-39.19	-39.19
5729.11	-42.03	-19.03	-23.00	4.00	-46.03	-46.03
5740.13	-43.38	-26.02	-17.36	4.00	-47.38	-47.38

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5500MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.945	-40.45	-26.02	-14.43	4.00	-44.45	-44.45
5469.98	-35.22	-19.03	-16.19	4.00	-39.22	-39.22
5729.335	-41.89	-19.03	-22.86	4.00	-45.89	-45.89
5740.045	-43.33	-26.02	-17.31	4.00	-47.33	-47.33



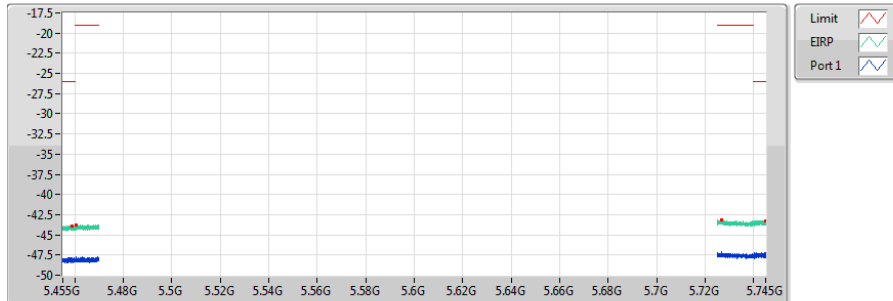
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5600MHz_TnomVnom

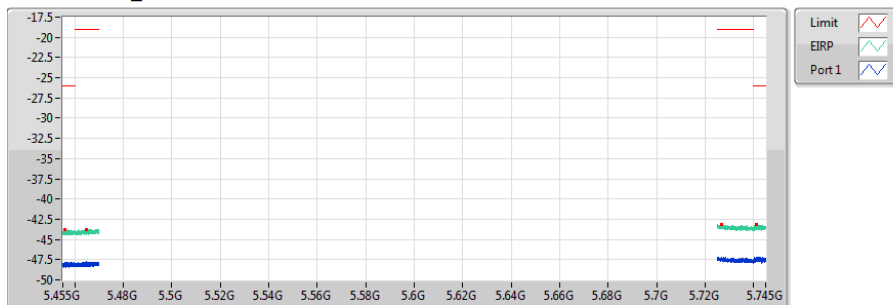


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5458.705	-43.85	-26.02	-17.83	4.00	-47.85	-47.85
5460.69	-43.75	-19.03	-24.72	4.00	-47.75	-47.75
5727.01	-43.13	-19.03	-24.10	4.00	-47.13	-47.13
5744.885	-43.25	-26.02	-17.23	4.00	-47.25	-47.25

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5600MHz_TnomVmin

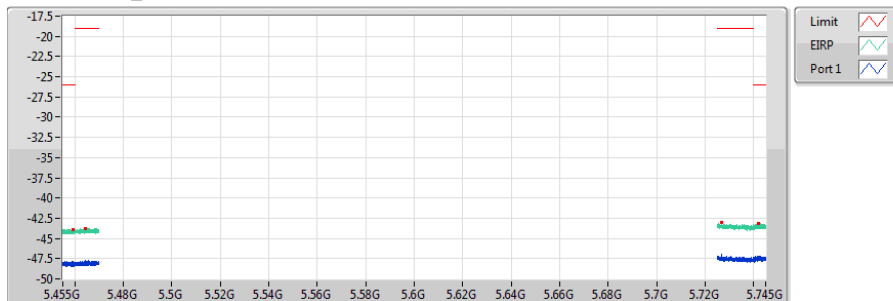


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5455.635	-43.79	-26.02	-17.77	4.00	-47.79	-47.79
5464.76	-43.75	-19.03	-24.72	4.00	-47.75	-47.75
5726.785	-43.18	-19.03	-24.15	4.00	-47.18	-47.18
5741.205	-43.18	-26.02	-17.16	4.00	-47.18	-47.18

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5600MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.375	-43.86	-26.02	-17.84	4.00	-47.86	-47.86
5464.29	-43.75	-19.03	-24.72	4.00	-47.75	-47.75
5726.785	-43.00	-19.03	-23.97	4.00	-47.00	-47.00
5741.95	-43.18	-26.02	-17.16	4.00	-47.18	-47.18



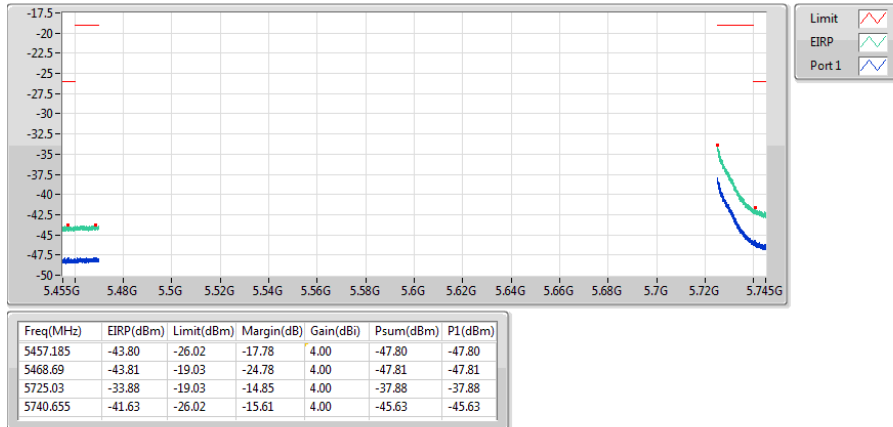
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

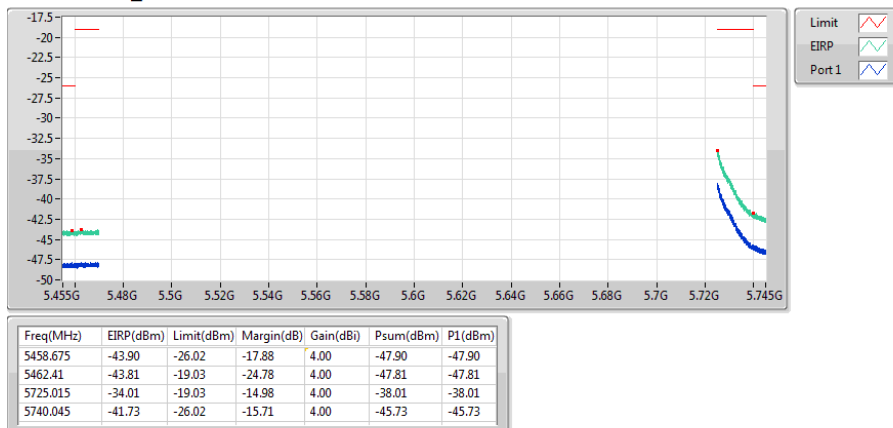
5700MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

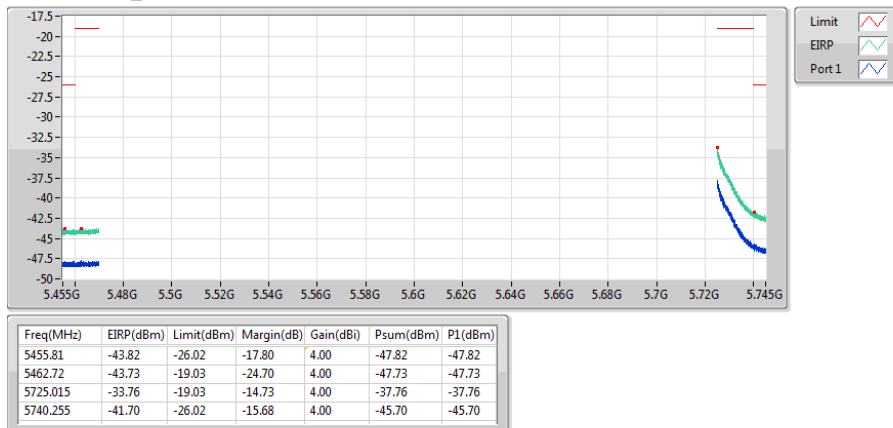
5700MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

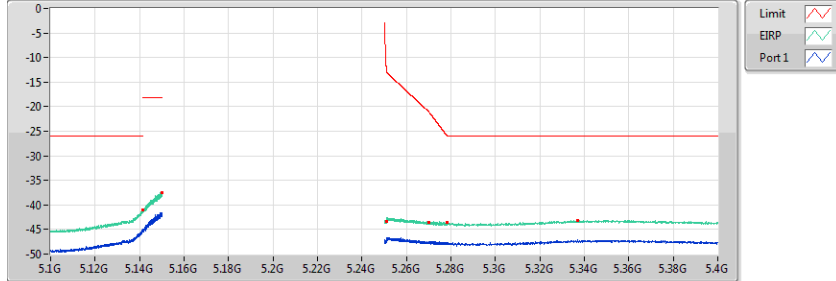
5700MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5190MHz_TnomVnom

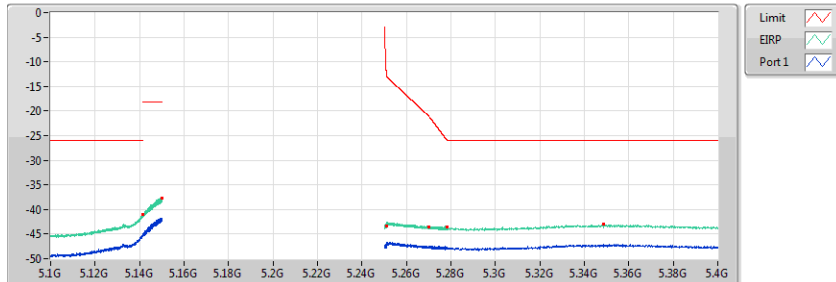


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.517	-40.96	-26.02	-14.94	4.00	-44.96	-44.96
5149.908	-37.51	-18.24	-19.27	4.00	-41.51	-41.51
5250.996	-43.35	-12.97	-30.38	4.00	-47.35	-47.35
5269.981	-43.55	-21.02	-22.53	4.00	-47.55	-47.55
5278.257	-43.56	-25.94	-17.62	4.00	-47.56	-47.56
5336.89	-43.16	-26.02	-17.14	4.00	-47.16	-47.16

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5190MHz_TnomVmin

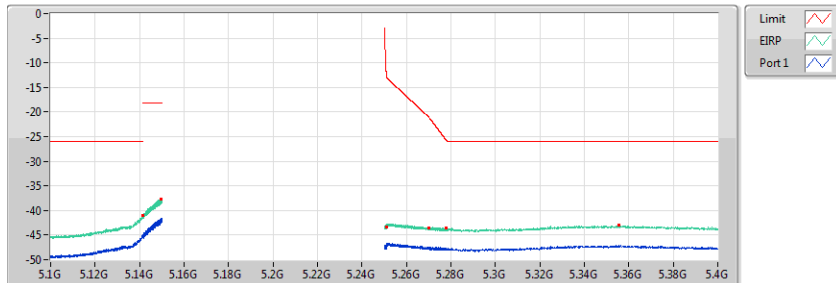


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.392	-41.00	-26.02	-14.98	4.00	-45.00	-45.00
5149.992	-37.71	-18.24	-19.47	4.00	-41.71	-41.71
5250.997	-43.31	-12.98	-30.33	4.00	-47.31	-47.31
5269.886	-43.56	-20.98	-22.58	4.00	-47.56	-47.56
5278.274	-43.65	-25.95	-17.70	4.00	-47.65	-47.65
5348.442	-43.02	-26.02	-17.00	4.00	-47.02	-47.02

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5190MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.475	-40.92	-26.02	-14.90	4.00	-44.92	-44.92
5149.723	-37.62	-18.24	-19.38	4.00	-41.62	-41.62
5250.998	-43.30	-12.99	-30.31	4.00	-47.30	-47.30
5269.905	-43.54	-20.98	-22.56	4.00	-47.54	-47.54
5278.047	-43.63	-25.81	-17.82	4.00	-47.63	-47.63
5355.373	-43.05	-26.02	-17.03	4.00	-47.05	-47.05



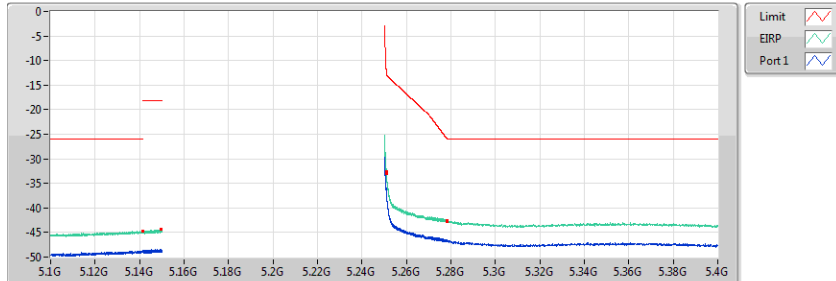
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5230MHz_TnomVnom

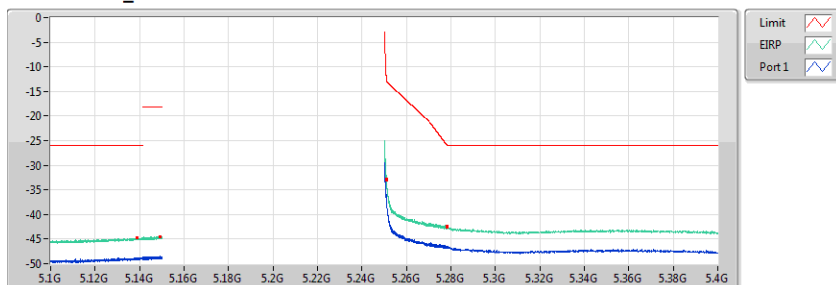


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.558	-44.71	-26.02	-18.69	4.00	-48.71	-48.71
5149.74	-44.43	-18.24	-26.19	4.00	-48.43	-48.43
5250.995	-32.63	-12.96	-19.67	4.00	-36.63	-36.63
5251.019	-32.96	-13.02	-19.94	4.00	-36.96	-36.96
5278.358	-42.54	-26.00	-16.54	4.00	-46.54	-46.54
5278.4	-42.70	-26.02	-16.68	4.00	-46.70	-46.70

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5230MHz_TnomVmin

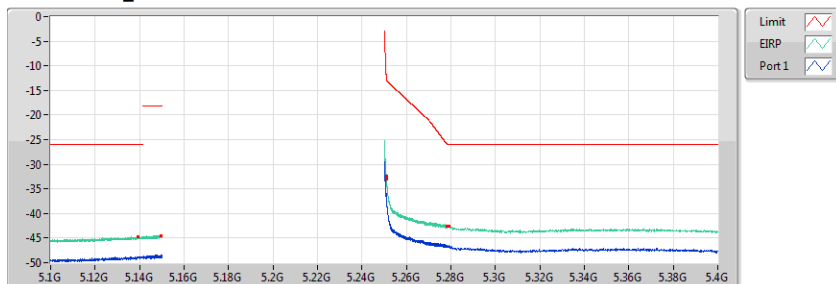


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5138.688	-44.77	-26.02	-18.75	4.00	-48.77	-48.77
5149.286	-44.52	-18.24	-26.28	4.00	-48.52	-48.52
5250.992	-32.78	-12.93	-19.85	4.00	-36.78	-36.78
5251.019	-33.04	-13.02	-20.02	4.00	-37.04	-37.04
5278.232	-42.47	-25.92	-16.55	4.00	-46.47	-46.47
5278.4	-42.51	-26.02	-16.49	4.00	-46.51	-46.51

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5230MHz_TnomVmax

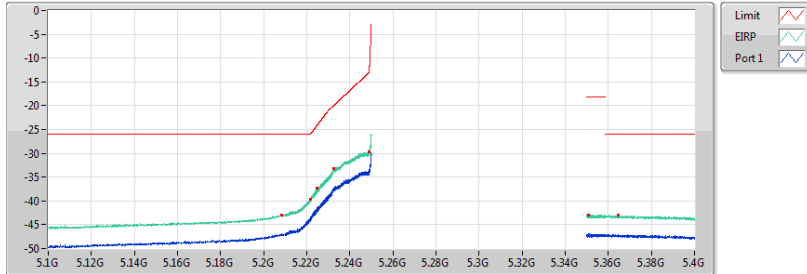


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5139.187	-44.76	-26.02	-18.74	4.00	-48.76	-48.76
5149.849	-44.46	-18.24	-26.22	4.00	-48.46	-48.46
5250.984	-32.51	-12.85	-19.66	4.00	-36.51	-36.51
5251.019	-32.95	-13.02	-19.93	4.00	-36.95	-36.95
5278.324	-42.54	-25.98	-16.56	4.00	-46.54	-46.54
5279.008	-42.58	-26.02	-16.56	4.00	-46.58	-46.58

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5270MHz_TnomVnom

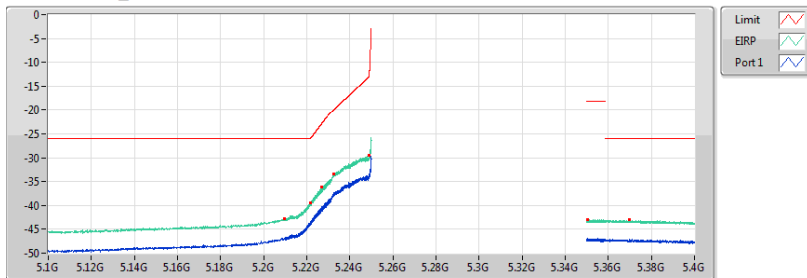


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB)	Psum(dBm)	P1(dBm)
5208.46	-42.94	-26.02	-16.92	4.00	-46.94	-46.94
5221.577	-39.73	-26.02	-13.71	4.00	-43.73	-43.73
5224.666	-37.37	-24.20	-13.17	4.00	-41.37	-41.37
5232.375	-33.29	-20.02	-13.27	4.00	-37.29	-37.29
5249.005	-29.60	-12.96	-16.64	4.00	-33.60	-33.60
5350.764	-42.92	-18.24	-24.68	4.00	-46.92	-46.92
5364.432	-43.01	-26.02	-16.99	4.00	-47.01	-47.01

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5270MHz_TnomVmin

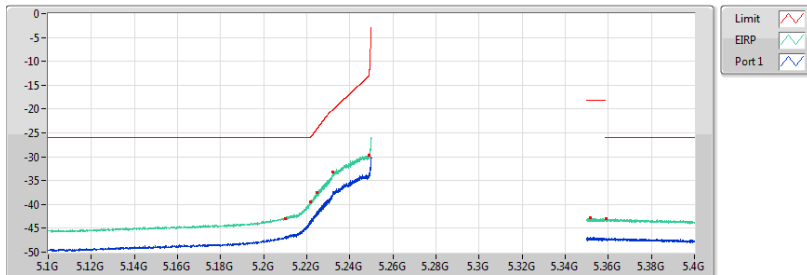


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB)	Psum(dBm)	P1(dBm)
5209.67	-42.87	-26.02	-16.85	4.00	-46.87	-46.87
5221.588	-39.49	-26.02	-13.47	4.00	-43.49	-43.49
5226.741	-36.21	-22.96	-13.25	4.00	-40.21	-40.21
5232.622	-33.34	-19.92	-13.42	4.00	-37.34	-37.34
5249.005	-29.52	-12.96	-16.56	4.00	-33.52	-33.52
5350.462	-42.96	-18.24	-24.72	4.00	-46.96	-46.96
5369.965	-43.05	-26.02	-17.03	4.00	-47.05	-47.05

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5270MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB)	Psum(dBm)	P1(dBm)
5209.89	-42.91	-26.02	-16.89	4.00	-46.91	-46.91
5221.542	-39.51	-26.02	-13.49	4.00	-43.51	-43.51
5224.616	-37.46	-24.23	-13.23	4.00	-41.46	-41.46
5232.223	-33.28	-20.09	-13.19	4.00	-37.28	-37.28
5249.007	-29.69	-12.94	-16.75	4.00	-33.69	-33.69
5351.655	-42.82	-18.24	-24.58	4.00	-46.82	-46.82
5359.107	-42.99	-26.02	-16.97	4.00	-46.99	-46.99



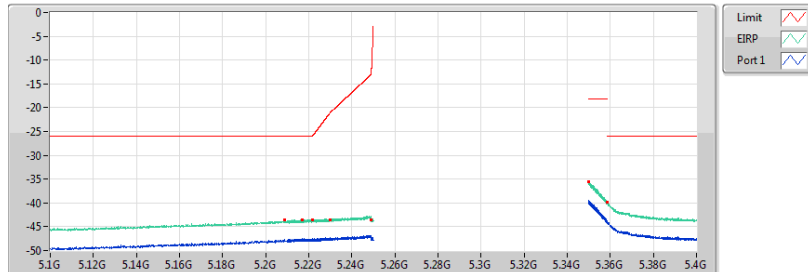
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5310MHz_TnomVnom

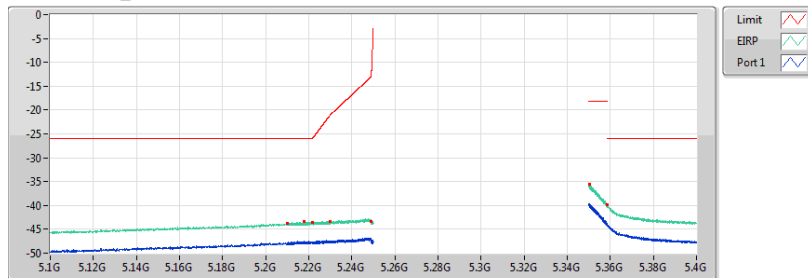


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5208.57	-43.63	-26.02	-17.61	4.00	-47.63	-47.63
5216.972	-43.49	-26.02	-17.47	4.00	-47.49	-47.49
5221.692	-43.49	-25.97	-17.52	4.00	-47.49	-47.49
5230.057	-43.56	-21.00	-22.56	4.00	-47.56	-47.56
5249.002	-43.55	-12.99	-30.56	4.00	-47.55	-47.55
5350.118	-35.47	-18.24	-17.23	4.00	-39.47	-39.47
5358.566	-39.82	-26.02	-13.80	4.00	-43.82	-43.82

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5310MHz_TnomVmin

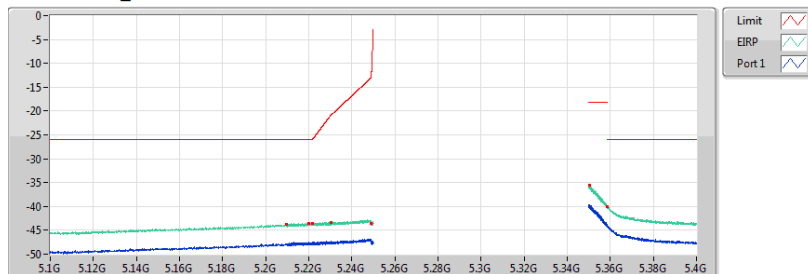


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5210	-43.84	-26.02	-17.82	4.00	-47.84	-47.84
5217.911	-43.39	-26.02	-17.37	4.00	-47.39	-47.39
5221.776	-43.57	-25.92	-17.65	4.00	-47.57	-47.57
5230.038	-43.44	-21.01	-22.43	4.00	-47.44	-47.44
5249.017	-43.42	-12.84	-30.58	4.00	-47.42	-47.42
5350.42	-35.59	-18.24	-17.35	4.00	-39.59	-39.59
5358.608	-39.92	-26.02	-13.90	4.00	-43.92	-43.92

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5310MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5209.67	-43.78	-26.02	-17.76	4.00	-47.78	-47.78
5220.115	-43.48	-26.02	-17.46	4.00	-47.48	-47.48
5221.894	-43.50	-25.85	-17.65	4.00	-47.50	-47.50
5230.228	-43.31	-20.93	-22.38	4.00	-47.31	-47.31
5249.008	-43.49	-12.93	-30.56	4.00	-47.49	-47.49
5350.193	-35.58	-18.24	-17.34	4.00	-39.58	-39.58
5358.65	-40.00	-26.02	-13.98	4.00	-44.00	-44.00



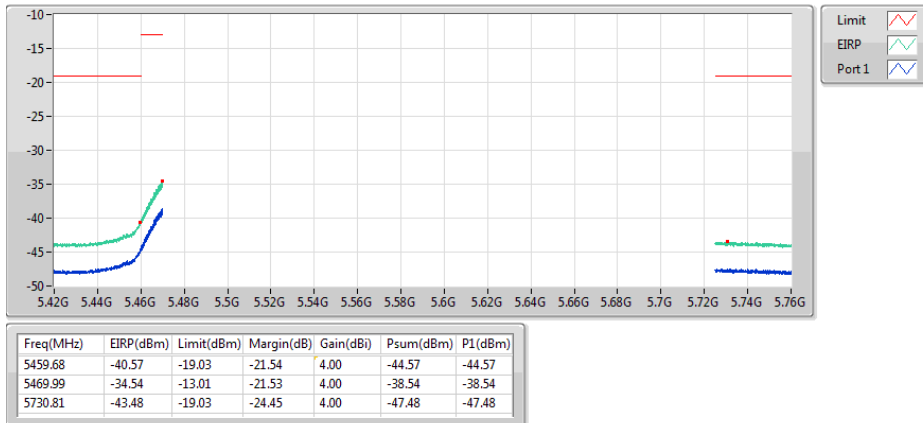
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

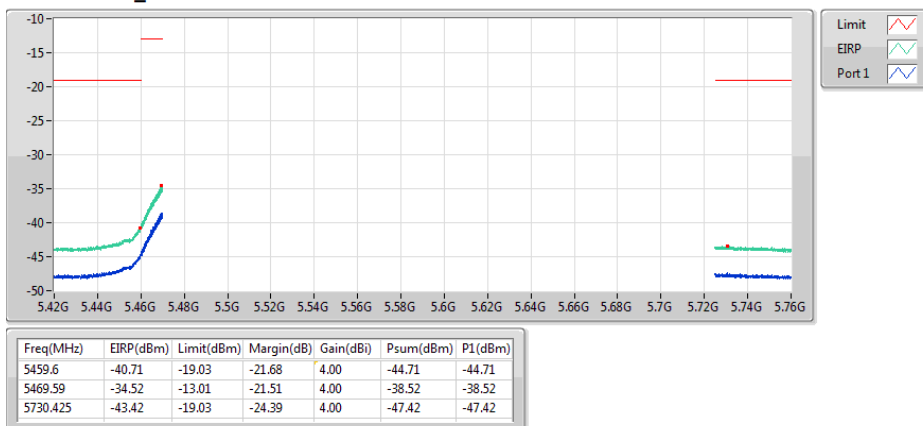
5510MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

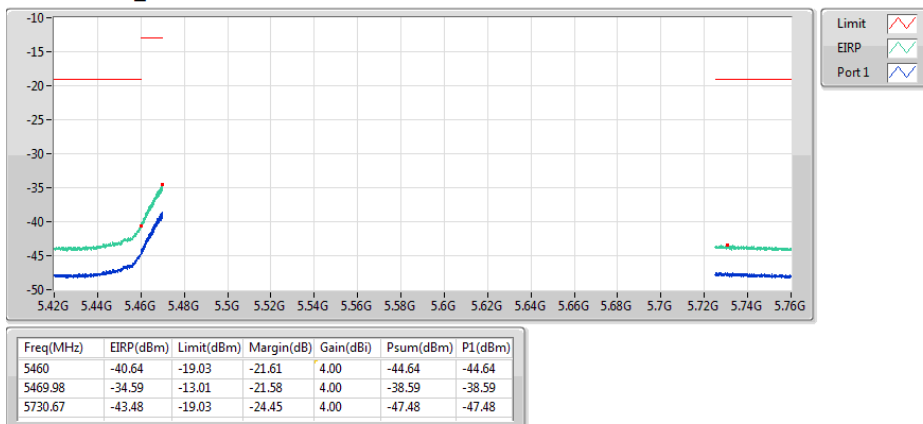
5510MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5510MHz_TnomVmax





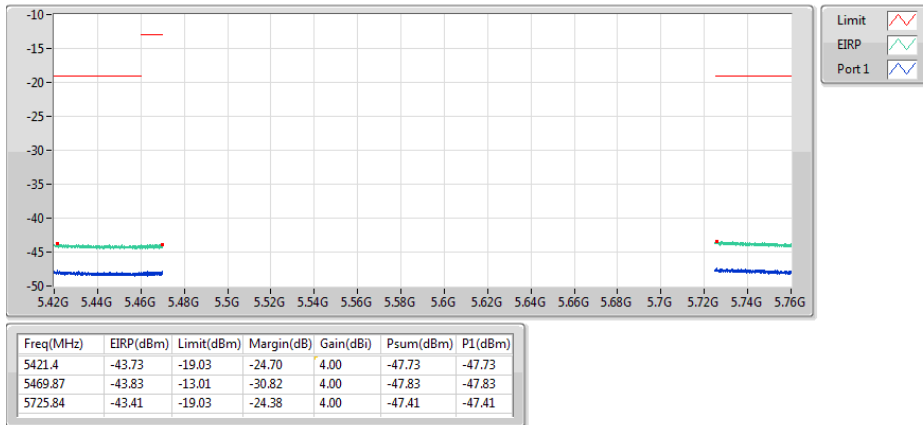
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

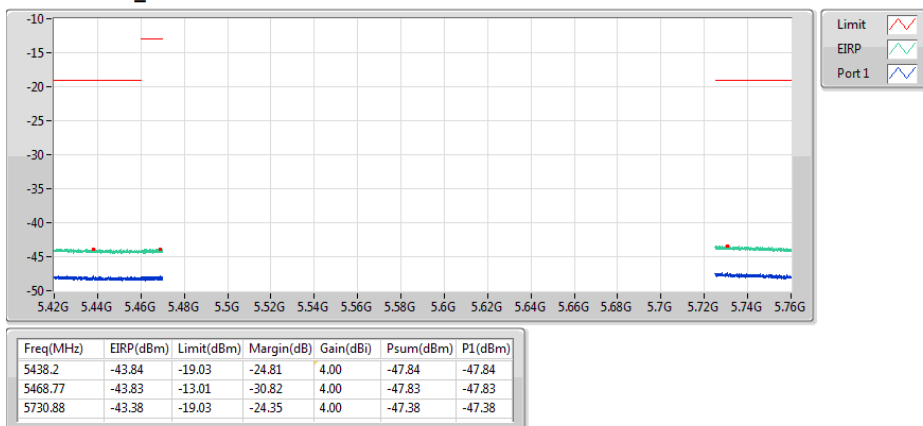
5590MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

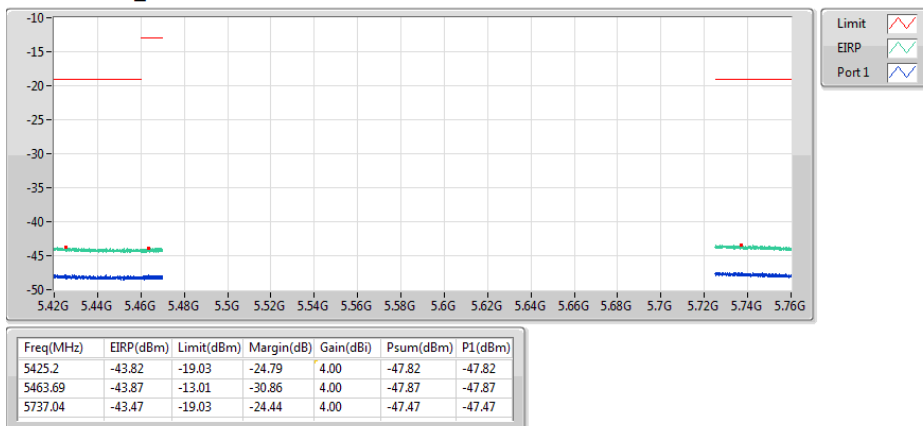
5590MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

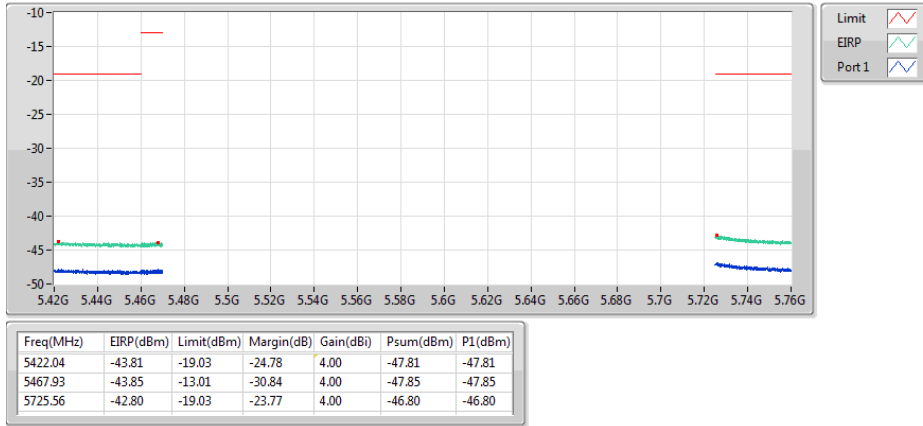
5590MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

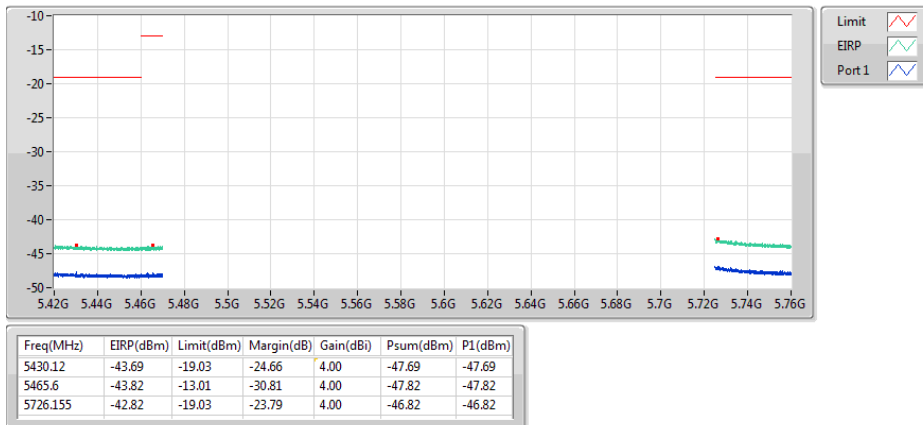
5670MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

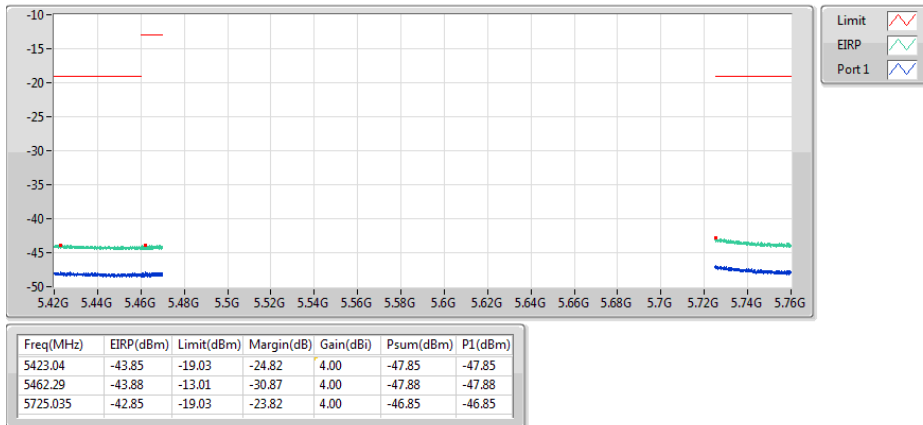
5670MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5670MHz_TnomVmax





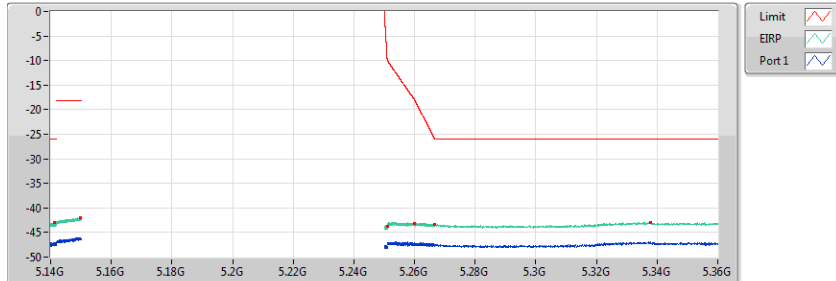
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5180MHz_TnomVnom

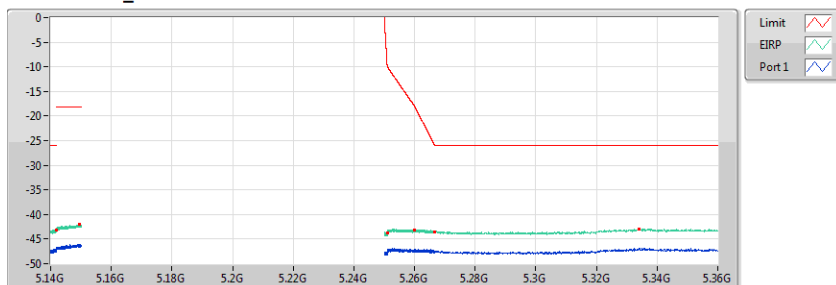


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.422	-43.03	-26.02	-17.01	4.00	-47.03	-47.03
5149.824	-42.01	-18.24	-23.77	4.00	-46.01	-46.01
5251	-43.80	-10.00	-33.80	4.00	-47.80	-47.80
5259.928	-43.24	-17.95	-25.29	4.00	-47.24	-47.24
5266.673	-43.41	-25.99	-17.42	4.00	-47.41	-47.41
5337.701	-42.90	-26.02	-16.88	4.00	-46.90	-46.90

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5180MHz_TnomVmin

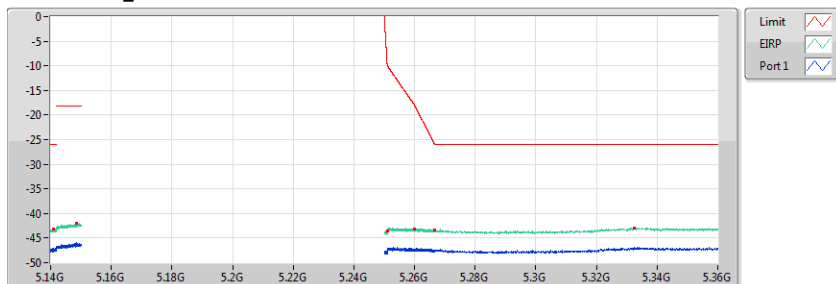


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5141.944	-43.09	-26.02	-17.07	4.00	-47.09	-47.09
5149.512	-42.06	-18.24	-23.82	4.00	-46.06	-46.06
5250.992	-43.75	-9.92	-33.83	4.00	-47.75	-47.75
5259.946	-43.19	-17.97	-25.22	4.00	-47.19	-47.19
5266.68	-43.50	-26.00	-17.50	4.00	-47.50	-47.50
5334.063	-42.89	-26.02	-16.87	4.00	-46.89	-46.89

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5180MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5140.912	-43.11	-26.02	-17.09	4.00	-47.11	-47.11
5148.52	-41.97	-18.24	-23.73	4.00	-45.97	-45.97
5250.999	-43.60	-9.99	-33.61	4.00	-47.60	-47.60
5259.982	-43.19	-18.00	-25.19	4.00	-47.19	-47.19
5266.673	-43.40	-25.99	-17.41	4.00	-47.40	-47.40
5332.476	-42.93	-26.02	-16.91	4.00	-46.93	-46.93



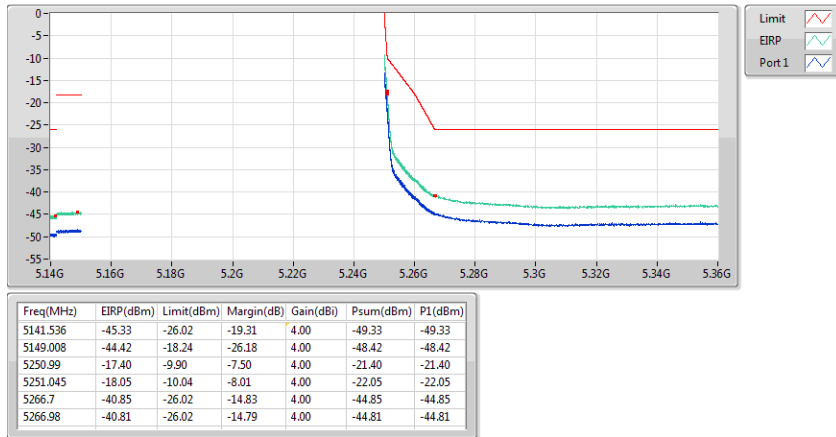
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

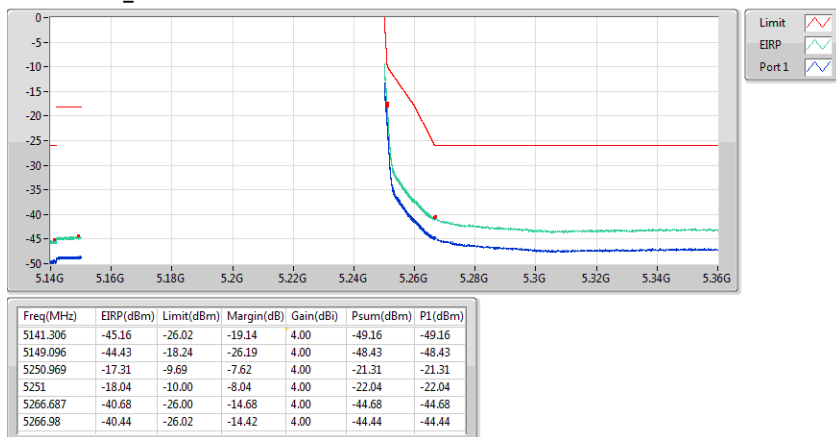
5240MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

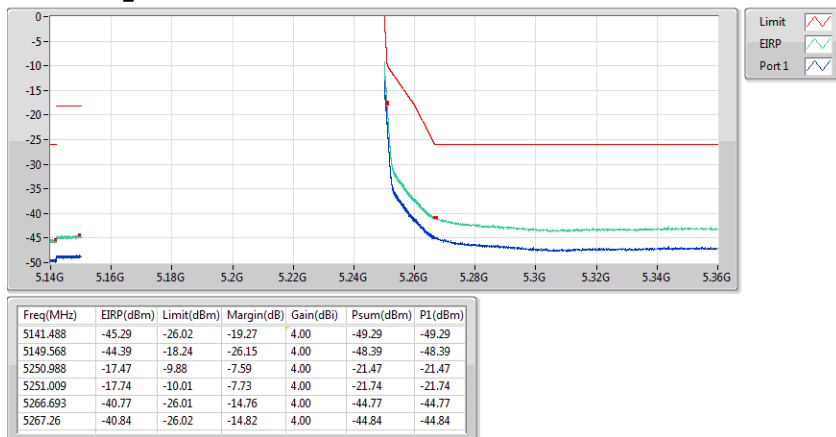
5240MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

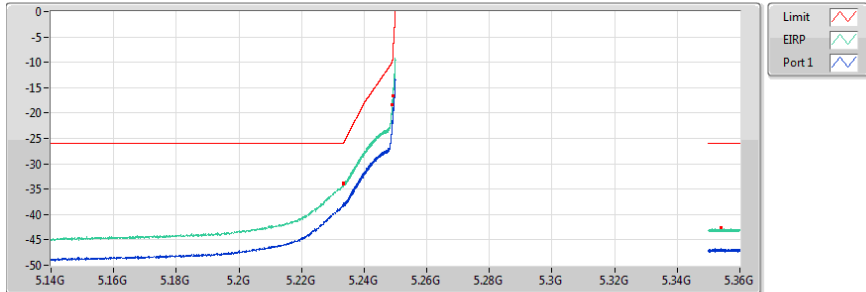
5240MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5260MHz_TnomVnom

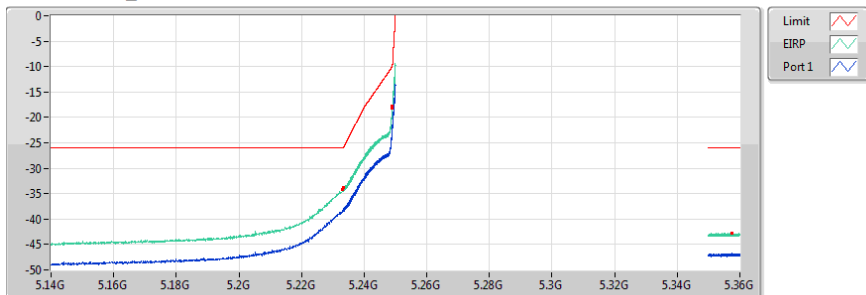


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB)	Psum(dBm)	P1(dBm)
5233.3	-34.08	-26.02	-8.06	4.00	-38.08	-38.08
5233.534	-33.72	-25.74	-7.98	4.00	-37.72	-37.72
5248.991	-18.30	-10.01	-8.29	4.00	-22.30	-22.30
5249.104	-16.61	-8.96	-7.65	4.00	-20.61	-20.61
5353.9	-42.65	-26.02	-16.63	4.00	-46.65	-46.65

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5260MHz_TnomVmin

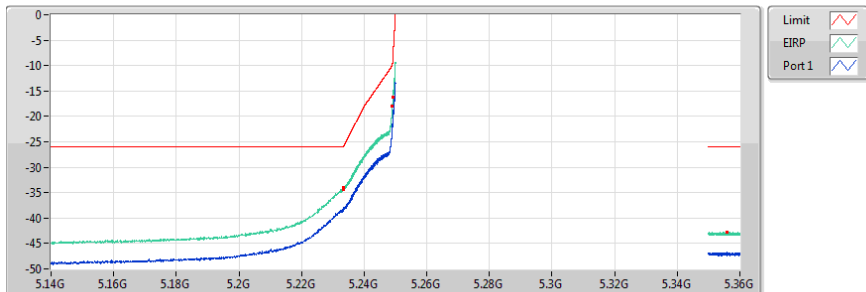


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB)	Psum(dBm)	P1(dBm)
5233.113	-34.26	-26.02	-8.24	4.00	-38.26	-38.26
5233.488	-33.85	-25.80	-8.05	4.00	-37.85	-37.85
5248.982	-18.19	-10.02	-8.17	4.00	-22.19	-22.19
5249	-17.85	-10.00	-7.85	4.00	-21.85	-21.85
5357.58	-42.73	-26.02	-16.71	4.00	-46.73	-46.73

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5260MHz_TnomVmax

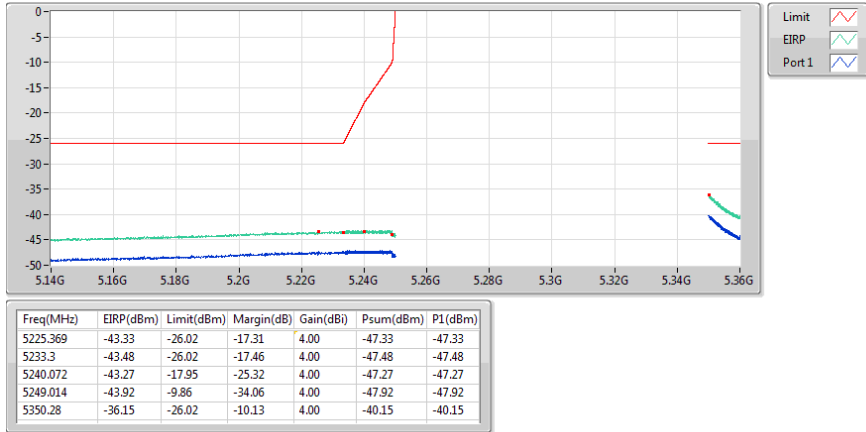


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dB)	Psum(dBm)	P1(dBm)
5233.3	-34.29	-26.02	-8.27	4.00	-38.29	-38.29
5233.367	-33.93	-25.94	-7.99	4.00	-37.93	-37.93
5248.982	-18.01	-10.02	-7.99	4.00	-22.01	-22.01
5249.146	-16.29	-8.54	-7.75	4.00	-20.29	-20.29
5355.94	-42.73	-26.02	-16.71	4.00	-46.73	-46.73

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

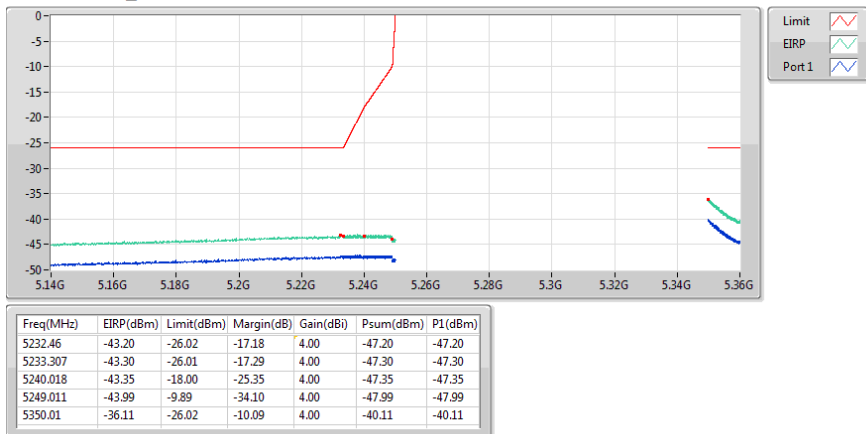
5320MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

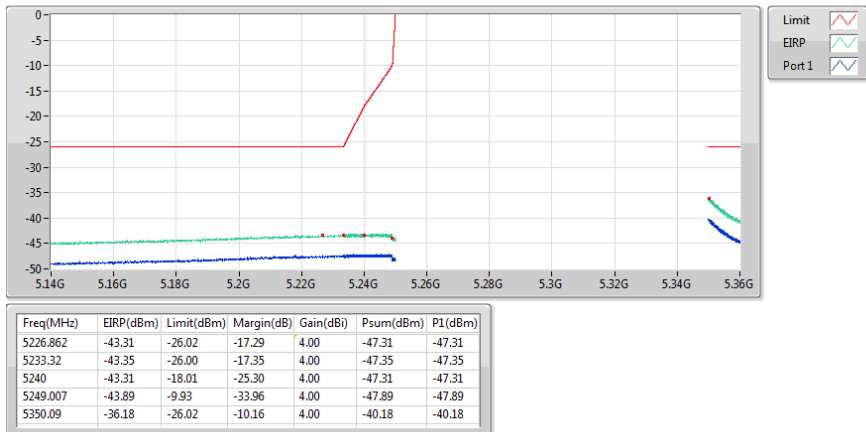
5320MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

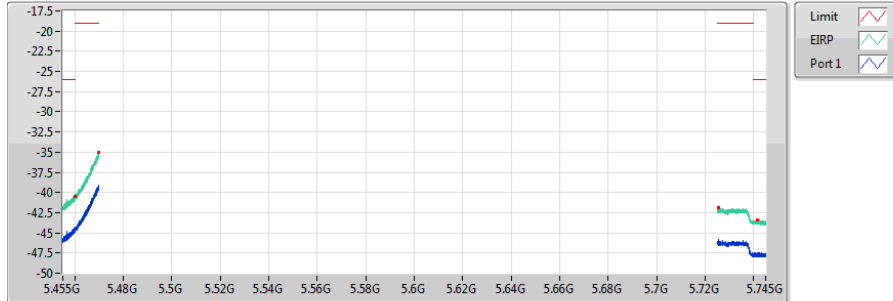
5320MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5500MHz_TnomVnom

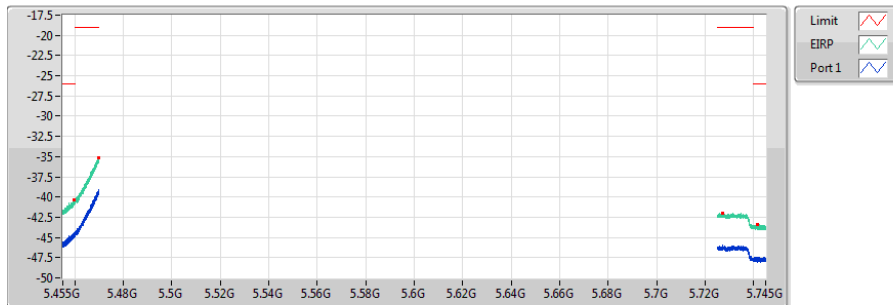


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.95	-40.44	-26.02	-14.42	4.00	-44.44	-44.44
5469.96	-35.02	-19.03	-15.99	4.00	-39.02	-39.02
5725.375	-41.86	-19.03	-22.83	4.00	-45.86	-45.86
5741.5	-43.40	-26.02	-17.38	4.00	-47.40	-47.40

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5500MHz_TnomVmin

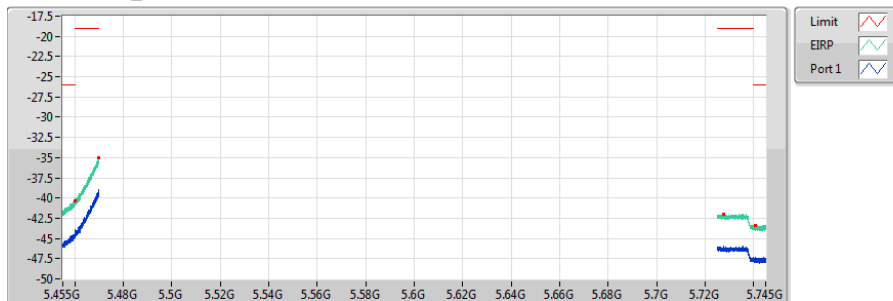


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.8	-40.37	-26.02	-14.35	4.00	-44.37	-44.37
5469.99	-35.12	-19.03	-16.09	4.00	-39.12	-39.12
5727.25	-41.94	-19.03	-22.91	4.00	-45.94	-45.94
5741.535	-43.42	-26.02	-17.40	4.00	-47.42	-47.42

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5500MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.995	-40.40	-26.02	-14.38	4.00	-44.40	-44.40
5469.97	-34.99	-19.03	-15.96	4.00	-38.99	-38.99
5727.73	-41.96	-19.03	-22.93	4.00	-45.96	-45.96
5740.71	-43.34	-26.02	-17.32	4.00	-47.34	-47.34



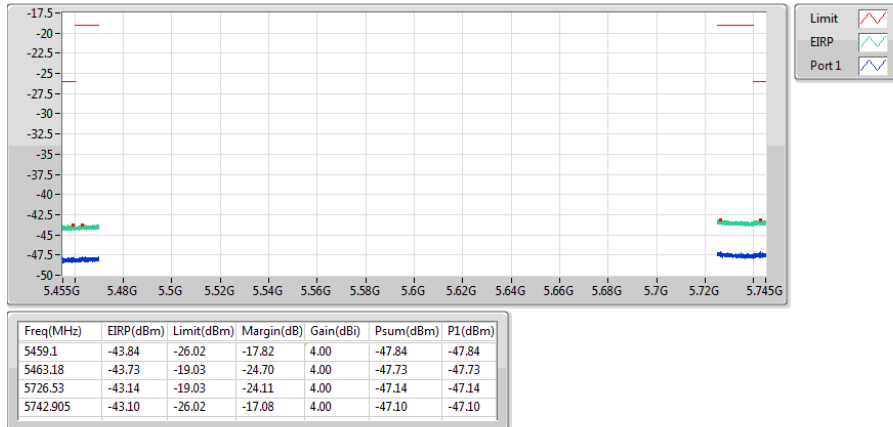
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

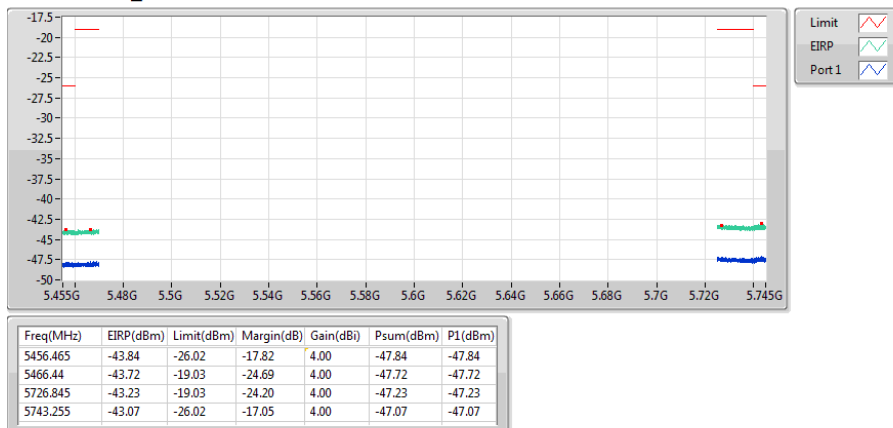
5600MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

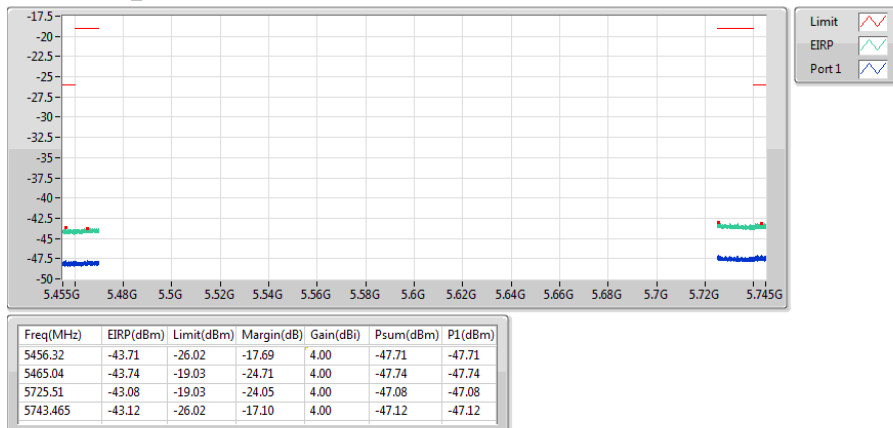
5600MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

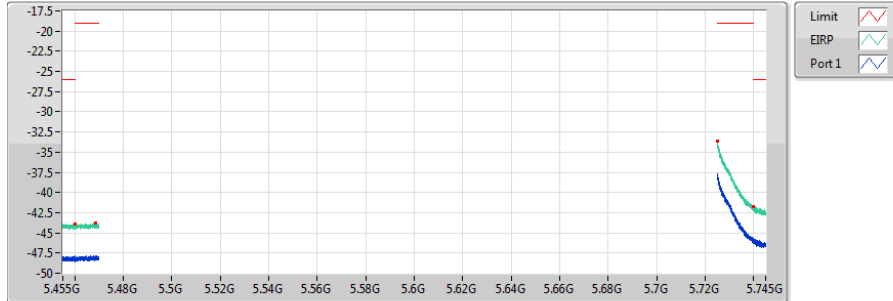
5600MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5700MHz_TnomVnom

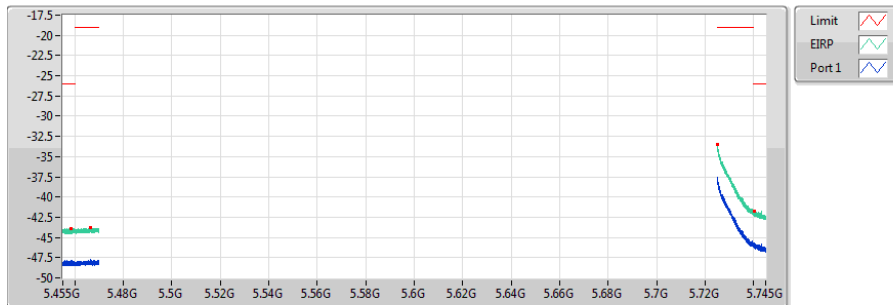


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.895	-43.90	-26.02	-17.88	4.00	-47.90	-47.90
5468.72	-43.82	-19.03	-24.79	4.00	-47.82	-47.82
5725.105	-33.63	-19.03	-14.60	4.00	-37.63	-37.63
5740.09	-41.74	-26.02	-15.72	4.00	-45.74	-45.74

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5700MHz_TnomVmin

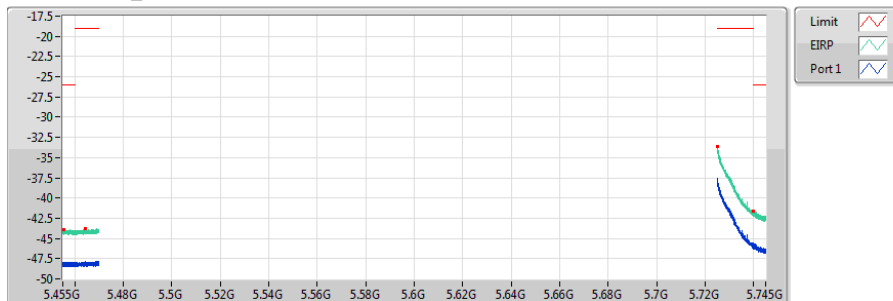


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5458.375	-43.86	-26.02	-17.84	4.00	-47.86	-47.86
5466.55	-43.75	-19.03	-24.72	4.00	-47.75	-47.75
5725.015	-33.55	-19.03	-14.52	4.00	-37.55	-37.55
5740.145	-41.70	-26.02	-15.68	4.00	-45.70	-45.70

802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5700MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5455.605	-43.92	-26.02	-17.90	4.00	-47.92	-47.92
5464.42	-43.82	-19.03	-24.79	4.00	-47.82	-47.82
5725.075	-33.57	-19.03	-14.54	4.00	-37.57	-37.57
5740.105	-41.57	-26.02	-15.55	4.00	-45.57	-45.57



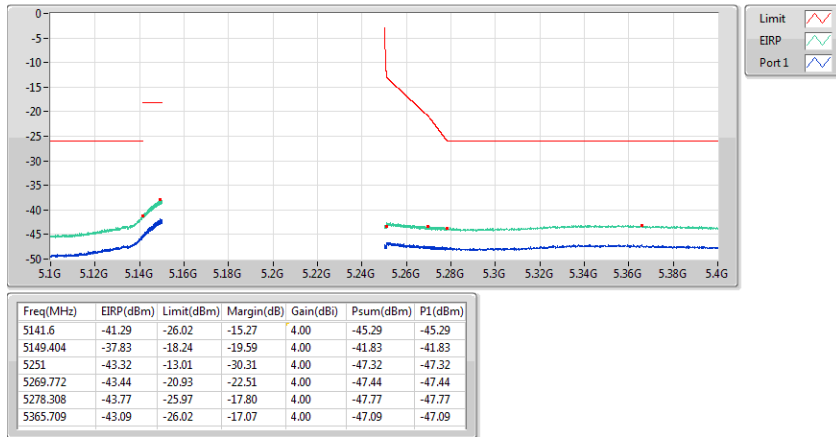
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

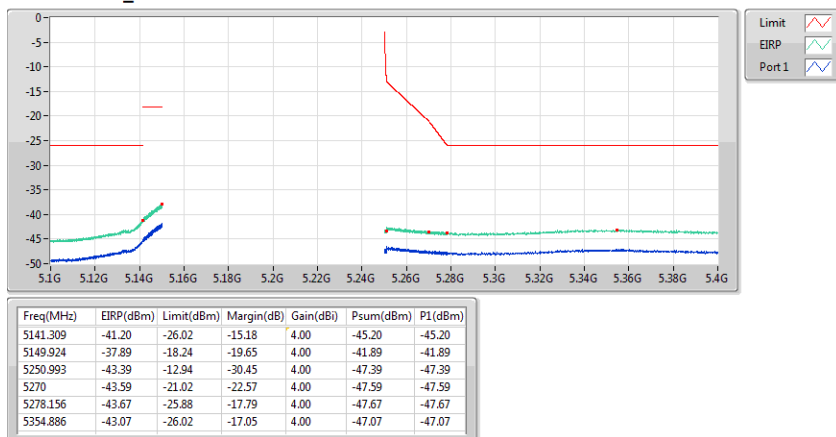
5190MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

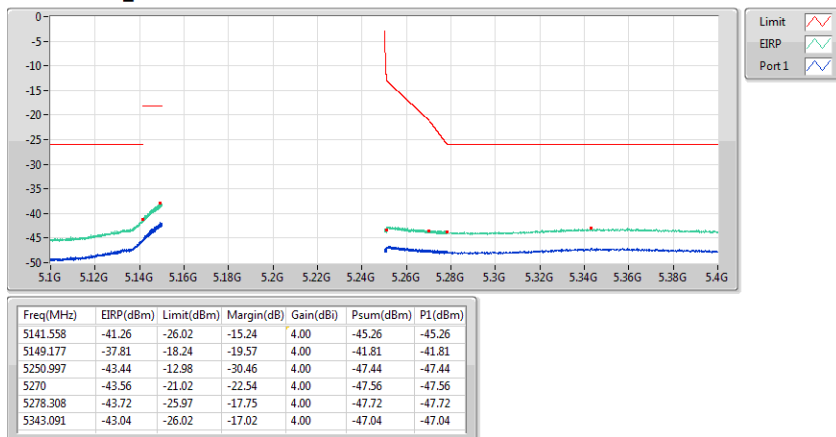
5190MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5190MHz_TnomVmax





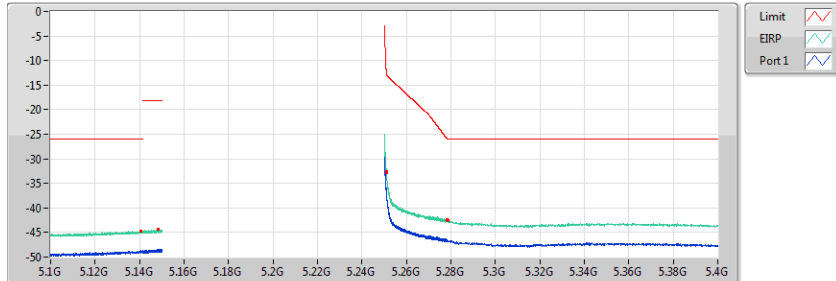
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5230MHz_TnomVnom

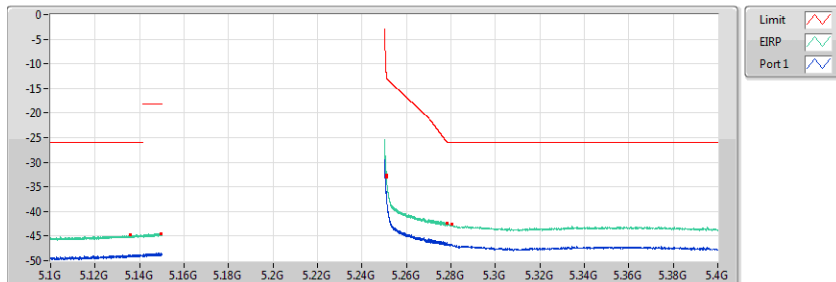


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5140.726	-44.68	-26.02	-18.66	4.00	-48.68	-48.68
5148.328	-44.41	-18.24	-26.17	4.00	-48.41	-48.41
5250.985	-32.61	-12.86	-19.75	4.00	-36.61	-36.61
5251.038	-32.91	-13.03	-19.88	4.00	-36.91	-36.91
5278.383	-42.47	-26.01	-16.46	4.00	-46.47	-46.47
5278.886	-42.63	-26.02	-16.61	4.00	-46.63	-46.63

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5230MHz_TnomVmin

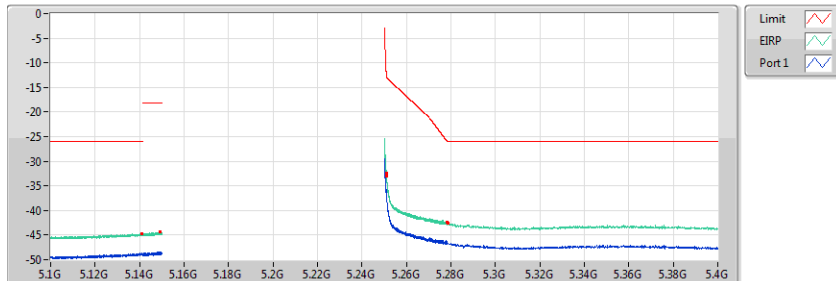


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5135.859	-44.74	-26.02	-18.72	4.00	-48.74	-48.74
5149.756	-44.50	-18.24	-26.26	4.00	-48.50	-48.50
5250.984	-32.57	-12.85	-19.72	4.00	-36.57	-36.57
5251.038	-33.10	-13.03	-20.07	4.00	-37.10	-37.10
5278.341	-42.32	-25.99	-16.33	4.00	-46.32	-46.32
5280.224	-42.62	-26.02	-16.60	4.00	-46.62	-46.62

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5230MHz_TnomVmax

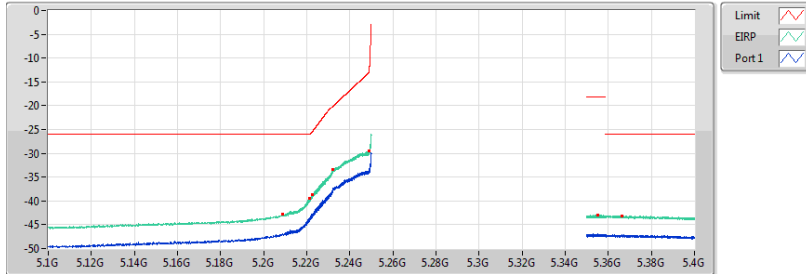


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5140.934	-44.70	-26.02	-18.68	4.00	-48.70	-48.70
5149.328	-44.41	-18.24	-26.17	4.00	-48.41	-48.41
5250.979	-32.47	-12.80	-19.67	4.00	-36.47	-36.47
5251.057	-33.09	-13.03	-20.06	4.00	-37.09	-37.09
5278.24	-42.34	-25.93	-16.41	4.00	-46.34	-46.34
5278.765	-42.63	-26.02	-16.61	4.00	-46.63	-46.63

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5270MHz_TnomVnom

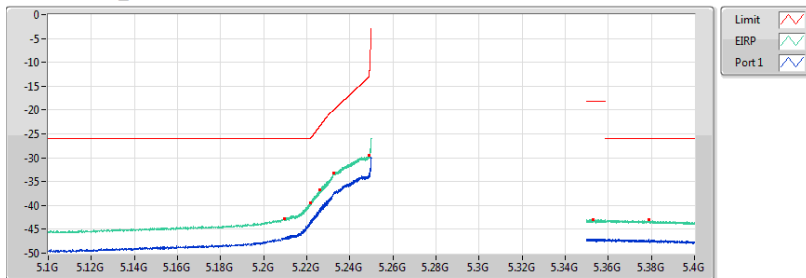


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5208.9	-42.86	-26.02	-16.84	4.00	-46.86	-46.86
5221.438	-39.47	-26.02	-13.45	4.00	-43.47	-43.47
5222.448	-38.68	-25.52	-13.16	4.00	-42.68	-42.68
5232.28	-33.36	-20.06	-13.30	4.00	-37.36	-37.36
5249.014	-29.42	-12.87	-16.55	4.00	-33.42	-33.42
5355.317	-42.95	-18.24	-24.71	4.00	-46.95	-46.95
5366.304	-43.07	-26.02	-17.05	4.00	-47.07	-47.07

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5270MHz_TnomVmin

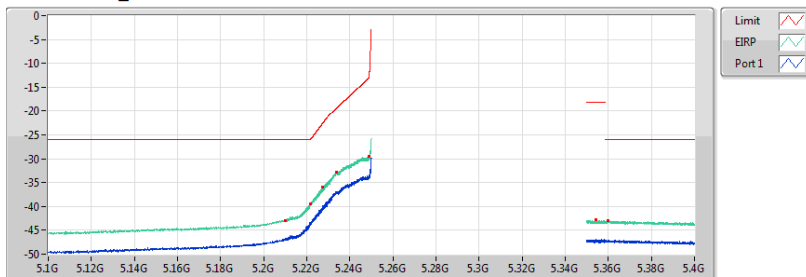


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5209.45	-42.83	-26.02	-16.81	4.00	-46.83	-46.83
5221.542	-39.42	-26.02	-13.40	4.00	-43.42	-43.42
5225.909	-36.72	-23.46	-13.26	4.00	-40.72	-40.72
5232.413	-33.23	-20.01	-13.22	4.00	-37.23	-37.23
5249.007	-29.49	-12.94	-16.55	4.00	-33.49	-33.49
5353.083	-42.98	-18.24	-24.74	4.00	-46.98	-46.98
5378.659	-43.04	-26.02	-17.02	4.00	-47.04	-47.04

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5270MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5209.89	-42.90	-26.02	-16.88	4.00	-46.90	-46.90
5221.554	-39.42	-26.02	-13.40	4.00	-43.42	-43.42
5227.421	-35.84	-22.56	-13.28	4.00	-39.84	-39.84
5233.61	-32.88	-19.50	-13.38	4.00	-36.88	-36.88
5249.004	-29.46	-12.97	-16.49	4.00	-33.46	-33.46
5354.418	-42.87	-18.24	-24.63	4.00	-46.87	-46.87
5359.898	-43.06	-26.02	-17.04	4.00	-47.06	-47.06



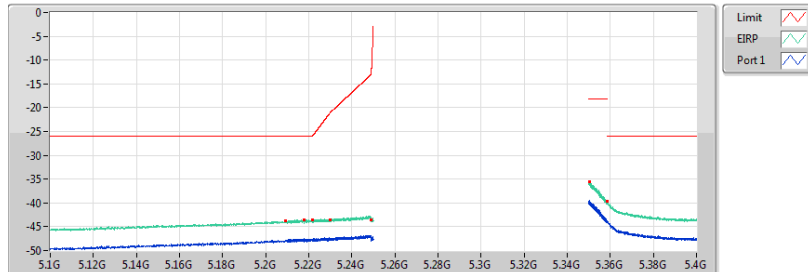
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5310MHz_TnomVnom

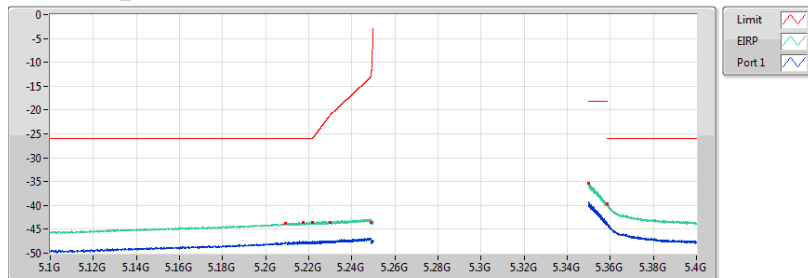


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5209.23	-43.84	-26.02	-17.82	4.00	-47.84	-47.84
5217.702	-43.49	-26.02	-17.47	4.00	-47.49	-47.49
5221.634	-43.60	-26.00	-17.60	4.00	-47.60	-47.60
5230.076	-43.52	-20.99	-22.53	4.00	-47.52	-47.52
5249.009	-43.48	-12.92	-30.56	4.00	-47.48	-47.48
5350.277	-35.53	-18.24	-17.29	4.00	-39.53	-39.53
5358.691	-39.74	-26.02	-13.72	4.00	-43.74	-43.74

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5310MHz_TnomVmin

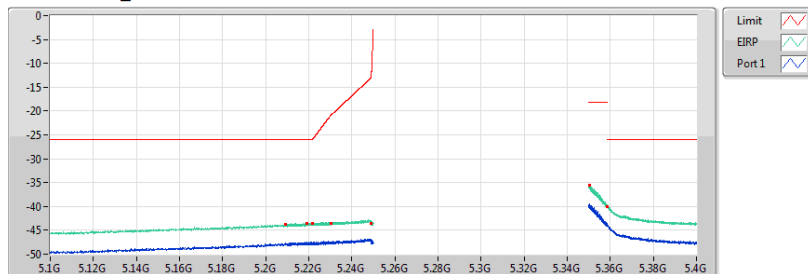


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5209.12	-43.66	-26.02	-17.64	4.00	-47.66	-47.66
5217.54	-43.51	-26.02	-17.49	4.00	-47.51	-47.51
5221.802	-43.51	-25.90	-17.61	4.00	-47.51	-47.51
5230.114	-43.51	-20.98	-22.53	4.00	-47.51	-47.51
5249.001	-43.58	-13.00	-30.58	4.00	-47.58	-47.58
5350.008	-35.32	-18.24	-17.08	4.00	-39.32	-39.32
5358.442	-39.74	-26.02	-13.72	4.00	-43.74	-43.74

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5310MHz_TnomVmax

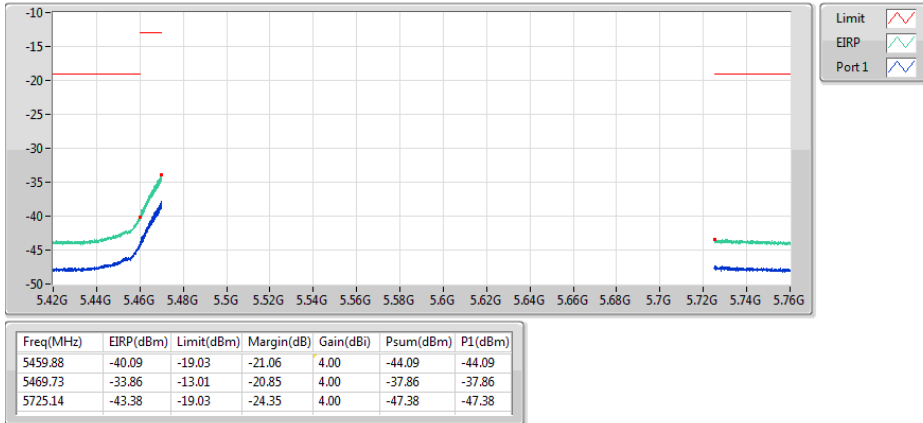


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5209.34	-43.71	-26.02	-17.69	4.00	-47.71	-47.71
5219.118	-43.46	-26.02	-17.44	4.00	-47.46	-47.46
5221.701	-43.59	-25.96	-17.63	4.00	-47.59	-47.59
5230.171	-43.53	-20.95	-22.58	4.00	-47.53	-47.53
5249.002	-43.62	-12.99	-30.63	4.00	-47.62	-47.62
5350.185	-35.53	-18.24	-17.29	4.00	-39.53	-39.53
5358.608	-39.96	-26.02	-13.94	4.00	-43.96	-43.96

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

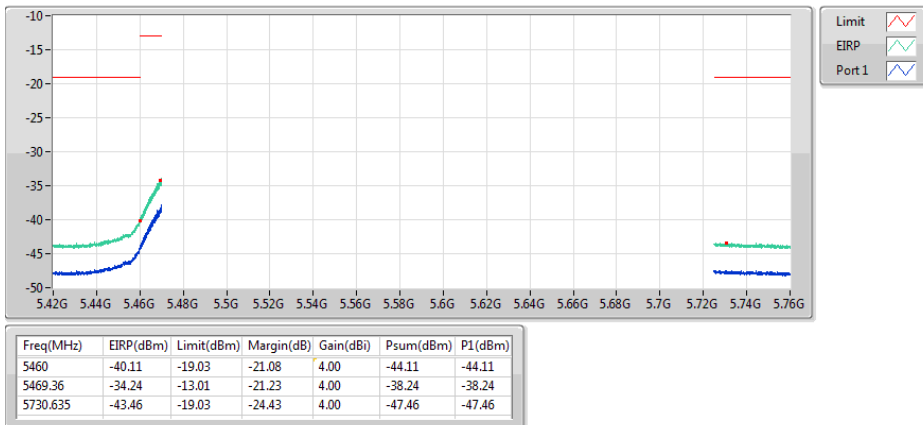
5510MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

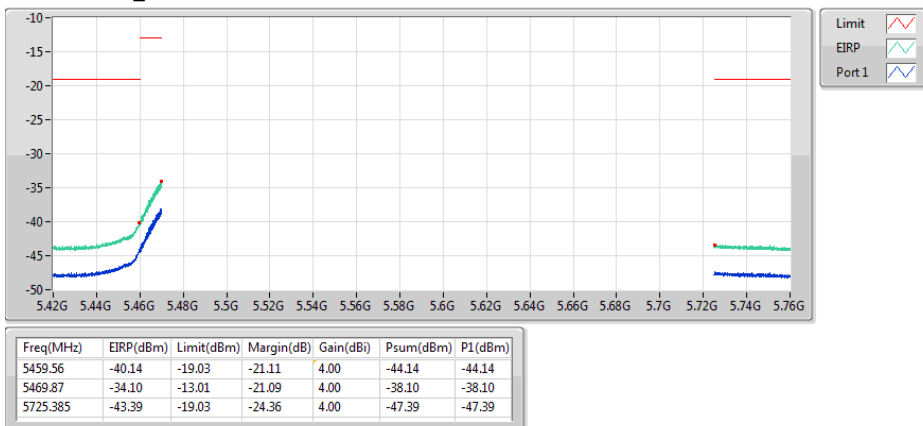
5510MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5510MHz_TnomVmax





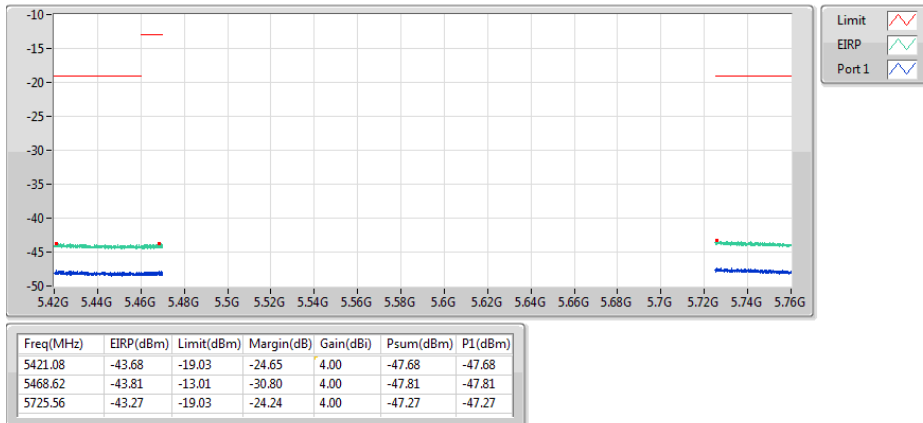
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

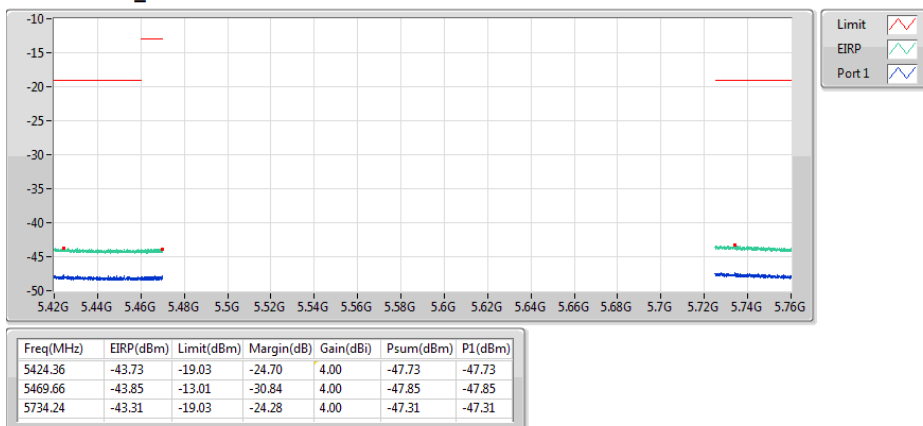
5590MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

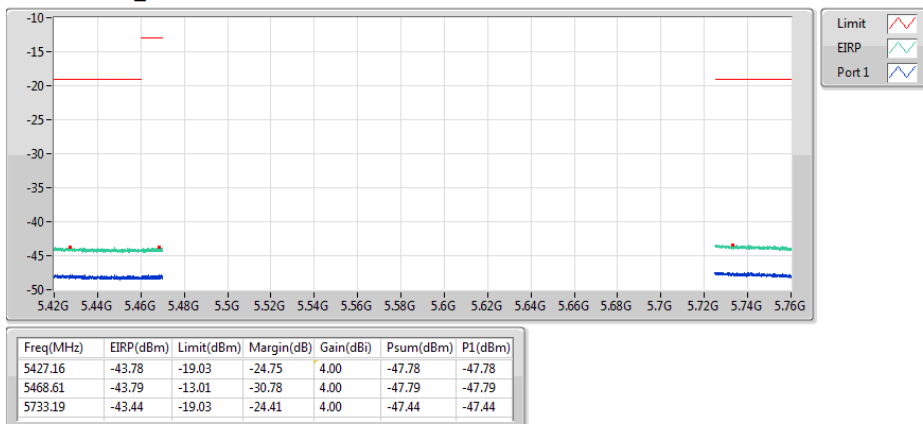
5590MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5590MHz_TnomVmax





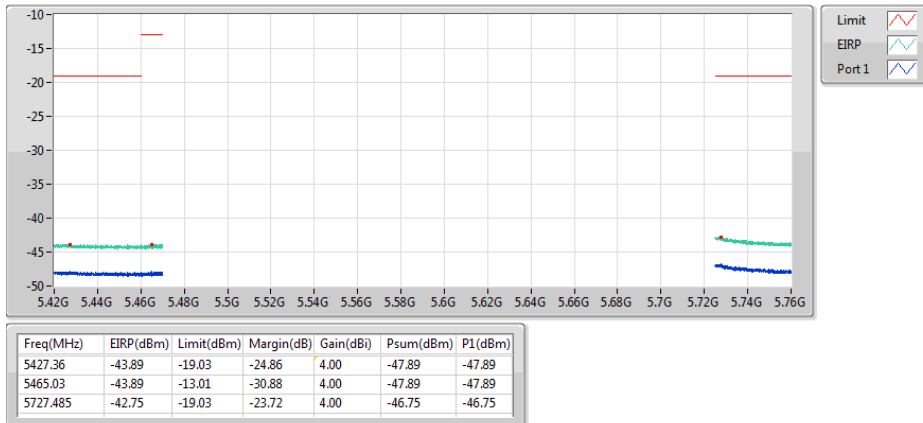
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

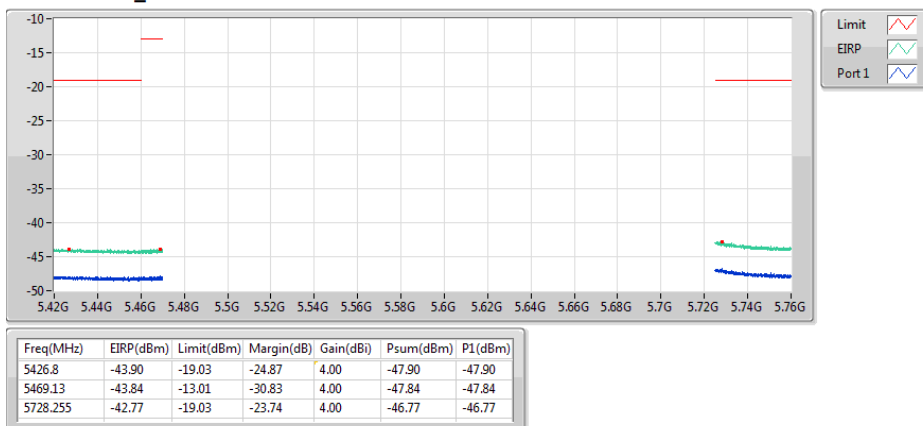
5670MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

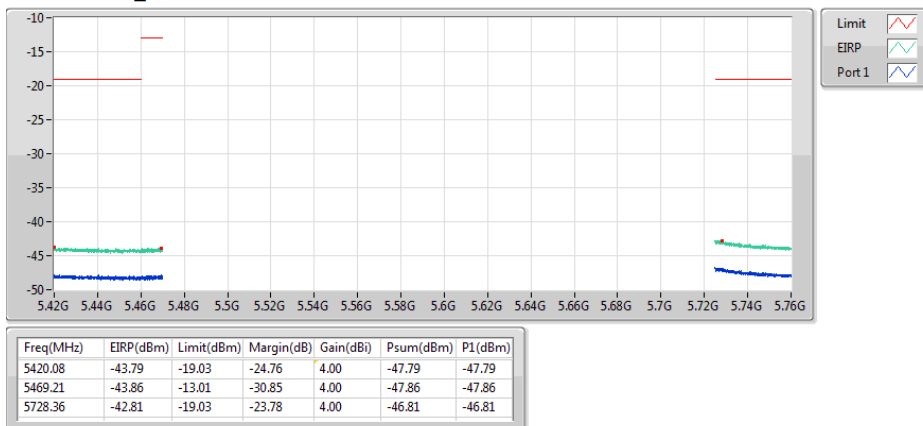
5670MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5670MHz_TnomVmax





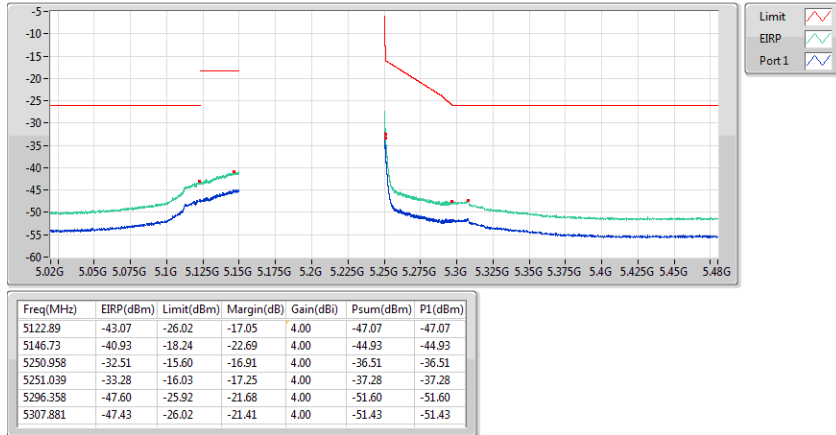
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

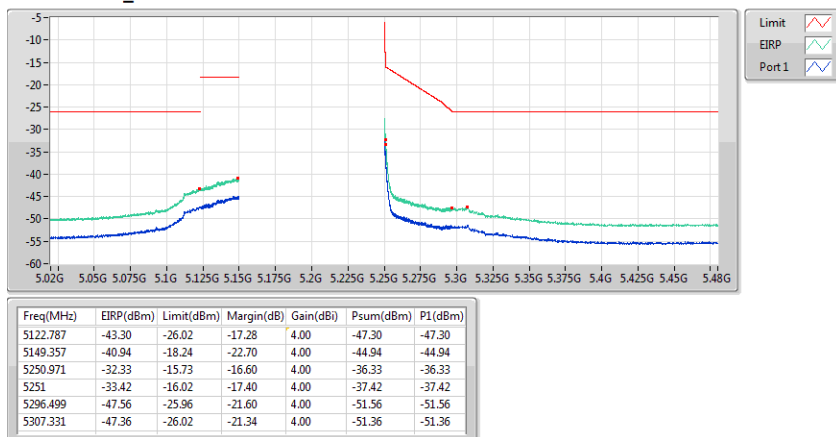
5210MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

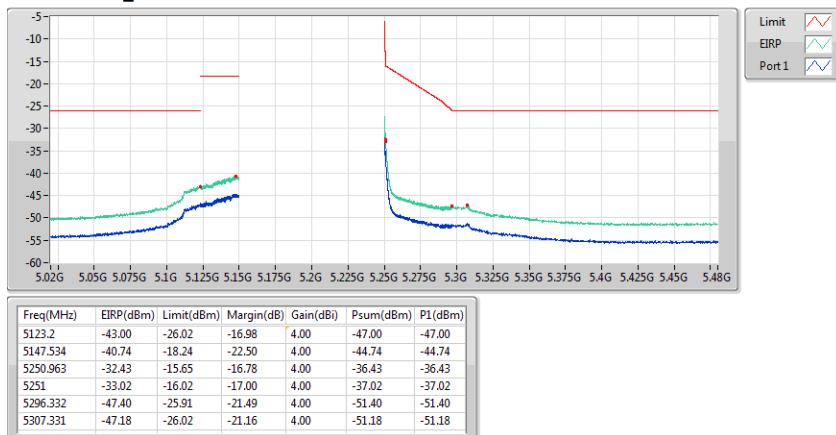
5210MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5210MHz_TnomVmax





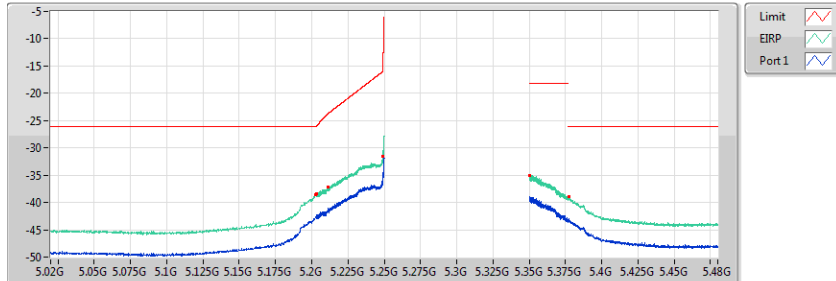
CSE-TX-EIRP Out-Band Leakage PowerResult

Appendix F

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5290MHz_TnomVnom

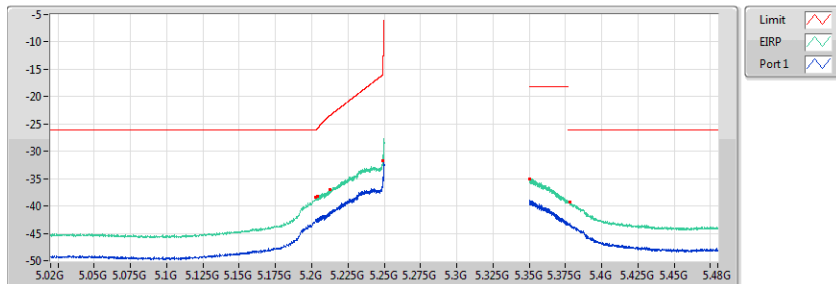


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5202.567	-38.62	-26.02	-12.60	4.00	-42.62	-42.62
5203.313	-38.34	-26.02	-12.32	4.00	-42.34	-42.34
5211.443	-37.12	-23.68	-13.44	4.00	-41.12	-41.12
5249.012	-31.49	-15.90	-15.59	4.00	-35.49	-35.49
5350.054	-35.01	-18.24	-16.77	4.00	-39.01	-39.01
5377.316	-39.01	-26.02	-12.99	4.00	-43.01	-43.01

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5290MHz_TnomVmin

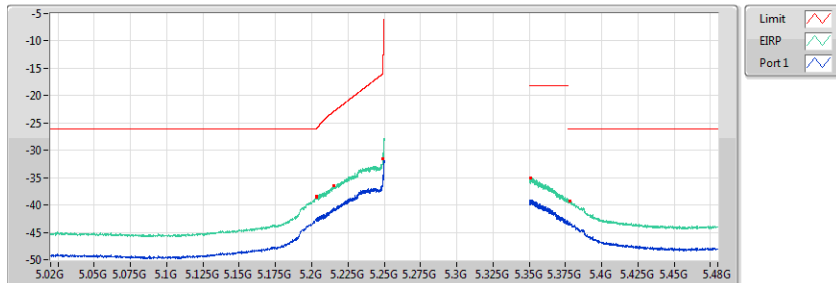


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5202.567	-38.39	-26.02	-12.37	4.00	-42.39	-42.39
5203.742	-38.30	-25.89	-12.41	4.00	-42.30	-42.30
5212.496	-37.06	-23.47	-13.59	4.00	-41.06	-41.06
5249.002	-31.78	-16.00	-15.78	4.00	-35.78	-35.78
5350.027	-35.00	-18.24	-16.76	4.00	-39.00	-39.00
5378.245	-39.22	-26.02	-13.20	4.00	-43.22	-43.22

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5290MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5203.3	-38.51	-26.02	-12.49	4.00	-42.51	-42.51
5203.494	-38.38	-25.96	-12.42	4.00	-42.38	-42.38
5214.953	-36.44	-22.97	-13.47	4.00	-40.44	-40.44
5249.008	-31.58	-15.94	-15.64	4.00	-35.58	-35.58
5350.777	-35.08	-18.24	-16.84	4.00	-39.08	-39.08
5377.832	-39.19	-26.02	-13.17	4.00	-43.19	-43.19

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5530MHz_TnomVnom

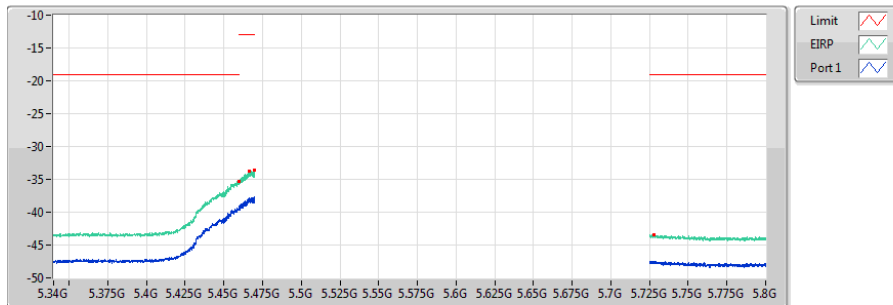


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.16	-35.25	-19.03	-16.22	4.00	-39.25	-39.25
5468.797	-33.79	-13.01	-20.78	4.00	-37.79	-37.79
5469.845	-33.65	-12.91	-20.74	4.00	-37.65	-37.65
5725.45	-43.42	-19.03	-24.39	4.00	-47.42	-47.42

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5530MHz_TnomVmin

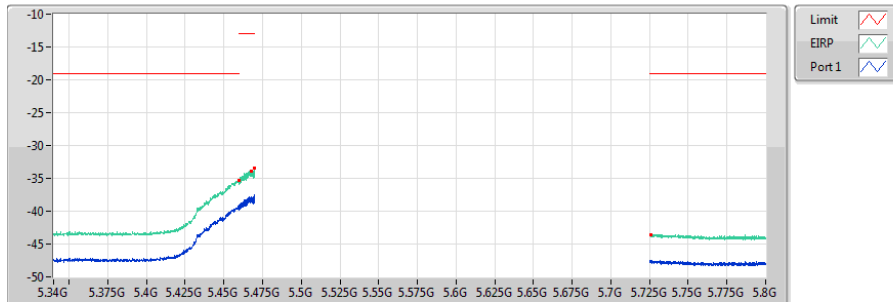


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5460	-35.27	-19.03	-16.24	4.00	-39.27	-39.27
5466.213	-33.78	-13.01	-20.77	4.00	-37.78	-37.78
5469.793	-33.64	-12.91	-20.73	4.00	-37.64	-37.64
5728.15	-43.47	-19.03	-24.44	4.00	-47.47	-47.47

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5530MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5459.88	-35.24	-19.03	-16.21	4.00	-39.24	-39.24
5467.458	-33.86	-13.01	-20.85	4.00	-37.86	-37.86
5469.84	-33.46	-12.91	-20.55	4.00	-37.46	-37.46
5725.75	-43.52	-19.03	-24.49	4.00	-47.52	-47.52

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5610MHz_TnomVnom



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5351.64	-43.18	-19.03	-24.15	4.00	-47.18	-47.18
5468.018	-43.77	-13.01	-30.76	4.00	-47.77	-47.77
5469.703	-44.39	-12.91	-31.48	4.00	-48.39	-48.39
5726.275	-42.99	-19.03	-23.96	4.00	-46.99	-46.99

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5610MHz_TnomVmin

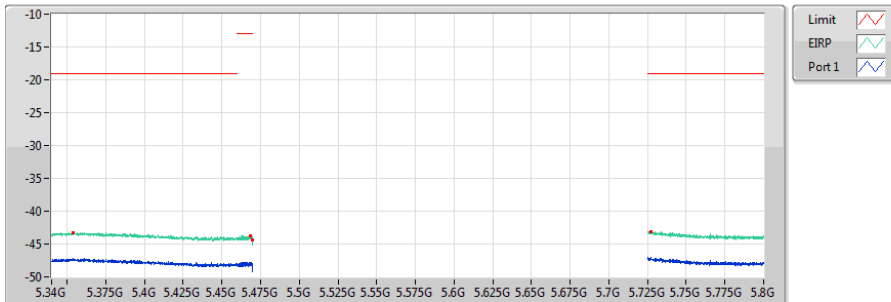


Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5354.52	-43.20	-19.03	-24.17	4.00	-47.20	-47.20
5467.771	-43.72	-13.01	-30.71	4.00	-47.72	-47.72
5469.591	-44.45	-12.91	-31.54	4.00	-48.45	-48.45
5725.3	-43.05	-19.03	-24.02	4.00	-47.05	-47.05

802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-TX-EIRP

5610MHz_TnomVmax



Freq(MHz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	Gain(dBi)	Psum(dBm)	P1(dBm)
5353.68	-43.21	-19.03	-24.18	4.00	-47.21	-47.21
5468.626	-43.77	-13.01	-30.76	4.00	-47.77	-47.77
5469.676	-44.42	-12.91	-31.51	4.00	-48.42	-48.42
5727.325	-43.05	-19.03	-24.02	4.00	-47.05	-47.05

**Summary**

Mode	Max-Dwell (s)
5.15-5.25GHz	-
802.11a_Nss1_1TX	1.397m
802.11n HT20_Nss1,(MCS0)_1TX	1.182m
802.11n HT40_Nss1,(MCS0)_1TX	588u
802.11ac VHT20_Nss1,(MCS0)_1TX	1.19m
802.11ac VHT40_Nss1,(MCS0)_1TX	596u
802.11ac VHT80_Nss1,(MCS0)_1TX	297u
5.25-5.35GHz	-
802.11a_Nss1_1TX	1.397m
802.11n HT20_Nss1,(MCS0)_1TX	1.182m
802.11n HT40_Nss1,(MCS0)_1TX	588u
802.11ac VHT20_Nss1,(MCS0)_1TX	1.19m
802.11ac VHT40_Nss1,(MCS0)_1TX	596u
802.11ac VHT80_Nss1,(MCS0)_1TX	297u
5.47-5.725GHz	-
802.11a_Nss1_1TX	1.397m
802.11n HT20_Nss1,(MCS0)_1TX	1.182m
802.11n HT40_Nss1,(MCS0)_1TX	588u
802.11ac VHT20_Nss1,(MCS0)_1TX	1.19m
802.11ac VHT40_Nss1,(MCS0)_1TX	596u
802.11ac VHT80_Nss1,(MCS0)_1TX	297u



Transmission Burst Length Result

Appendix G

Result

Mode	Result	TX Burst Time (s)	Limit (s)
802.11a_Nss1_1TX	-	-	-
5180MHz_TnomVnom	Pass	1.397m	4m
5180MHz_TnomVmin	Pass	1.397m	4m
5180MHz_TnomVmax	Pass	1.397m	4m
5240MHz_TnomVnom	Pass	1.397m	4m
5240MHz_TnomVmin	Pass	1.397m	4m
5240MHz_TnomVmax	Pass	1.397m	4m
5260MHz_TnomVnom	Pass	1.397m	4m
5260MHz_TnomVmin	Pass	1.397m	4m
5260MHz_TnomVmax	Pass	1.397m	4m
5320MHz_TnomVnom	Pass	1.397m	4m
5320MHz_TnomVmin	Pass	1.397m	4m
5320MHz_TnomVmax	Pass	1.397m	4m
5500MHz_TnomVnom	Pass	1.397m	4m
5500MHz_TnomVmin	Pass	1.397m	4m
5500MHz_TnomVmax	Pass	1.397m	4m
5600MHz_TnomVnom	Pass	1.397m	4m
5600MHz_TnomVmin	Pass	1.397m	4m
5600MHz_TnomVmax	Pass	1.397m	4m
5700MHz_TnomVnom	Pass	1.397m	4m
5700MHz_TnomVmin	Pass	1.397m	4m
5700MHz_TnomVmax	Pass	1.397m	4m
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	1.182m	4m
5180MHz_TnomVmin	Pass	1.182m	4m
5180MHz_TnomVmax	Pass	1.182m	4m
5240MHz_TnomVnom	Pass	1.182m	4m
5240MHz_TnomVmin	Pass	1.182m	4m
5240MHz_TnomVmax	Pass	1.182m	4m
5260MHz_TnomVnom	Pass	1.182m	4m
5260MHz_TnomVmin	Pass	1.182m	4m
5260MHz_TnomVmax	Pass	1.182m	4m
5320MHz_TnomVnom	Pass	1.182m	4m
5320MHz_TnomVmin	Pass	1.182m	4m
5320MHz_TnomVmax	Pass	1.182m	4m
5500MHz_TnomVnom	Pass	1.182m	4m
5500MHz_TnomVmin	Pass	1.182m	4m
5500MHz_TnomVmax	Pass	1.182m	4m
5600MHz_TnomVnom	Pass	1.182m	4m
5600MHz_TnomVmin	Pass	1.182m	4m
5600MHz_TnomVmax	Pass	1.182m	4m



Transmission Burst Length Result

Appendix G

Mode	Result	TX Burst Time (s)	Limit (s)
5700MHz_TnomVnom	Pass	1.182m	4m
5700MHz_TnomVmin	Pass	1.182m	4m
5700MHz_TnomVmax	Pass	1.182m	4m
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	588u	4m
5190MHz_TnomVmin	Pass	588u	4m
5190MHz_TnomVmax	Pass	588u	4m
5230MHz_TnomVnom	Pass	588u	4m
5230MHz_TnomVmin	Pass	588u	4m
5230MHz_TnomVmax	Pass	588u	4m
5270MHz_TnomVnom	Pass	588u	4m
5270MHz_TnomVmin	Pass	588u	4m
5270MHz_TnomVmax	Pass	588u	4m
5310MHz_TnomVnom	Pass	588u	4m
5310MHz_TnomVmin	Pass	588u	4m
5310MHz_TnomVmax	Pass	588u	4m
5510MHz_TnomVnom	Pass	588u	4m
5510MHz_TnomVmin	Pass	588u	4m
5510MHz_TnomVmax	Pass	588u	4m
5590MHz_TnomVnom	Pass	588u	4m
5590MHz_TnomVmin	Pass	588u	4m
5590MHz_TnomVmax	Pass	588u	4m
5670MHz_TnomVnom	Pass	588u	4m
5670MHz_TnomVmin	Pass	588u	4m
5670MHz_TnomVmax	Pass	588u	4m
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	1.19m	4m
5180MHz_TnomVmin	Pass	1.19m	4m
5180MHz_TnomVmax	Pass	1.19m	4m
5240MHz_TnomVnom	Pass	1.19m	4m
5240MHz_TnomVmin	Pass	1.19m	4m
5240MHz_TnomVmax	Pass	1.19m	4m
5260MHz_TnomVnom	Pass	1.19m	4m
5260MHz_TnomVmin	Pass	1.19m	4m
5260MHz_TnomVmax	Pass	1.19m	4m
5320MHz_TnomVnom	Pass	1.19m	4m
5320MHz_TnomVmin	Pass	1.19m	4m
5320MHz_TnomVmax	Pass	1.19m	4m
5500MHz_TnomVnom	Pass	1.19m	4m
5500MHz_TnomVmin	Pass	1.19m	4m
5500MHz_TnomVmax	Pass	1.19m	4m



Transmission Burst Length Result

Appendix G

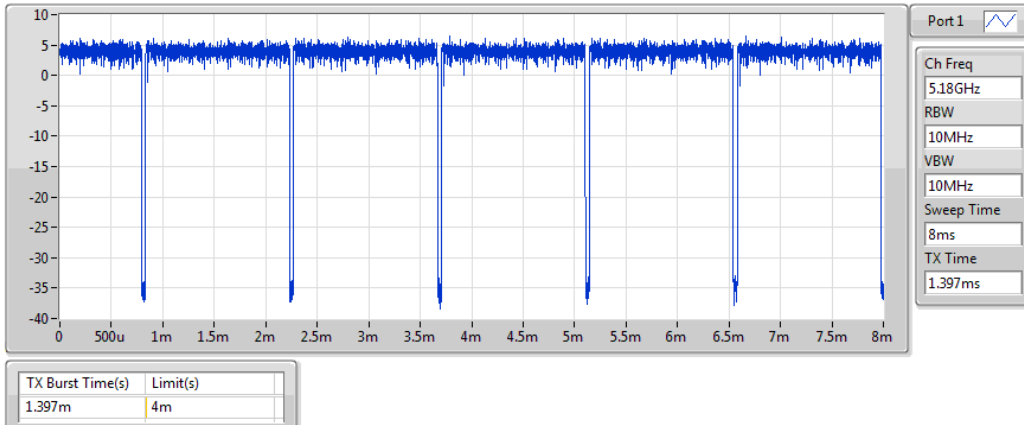
Mode	Result	TX Burst Time (s)	Limit (s)
5600MHz_TnomVnom	Pass	1.19m	4m
5600MHz_TnomVmin	Pass	1.19m	4m
5600MHz_TnomVmax	Pass	1.19m	4m
5700MHz_TnomVnom	Pass	1.189m	4m
5700MHz_TnomVmin	Pass	1.189m	4m
5700MHz_TnomVmax	Pass	1.19m	4m
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	596u	4m
5190MHz_TnomVmin	Pass	596u	4m
5190MHz_TnomVmax	Pass	596u	4m
5230MHz_TnomVnom	Pass	596u	4m
5230MHz_TnomVmin	Pass	596u	4m
5230MHz_TnomVmax	Pass	596u	4m
5270MHz_TnomVnom	Pass	596u	4m
5270MHz_TnomVmin	Pass	596u	4m
5270MHz_TnomVmax	Pass	596u	4m
5310MHz_TnomVnom	Pass	596u	4m
5310MHz_TnomVmin	Pass	596u	4m
5310MHz_TnomVmax	Pass	596u	4m
5510MHz_TnomVnom	Pass	596u	4m
5510MHz_TnomVmin	Pass	596u	4m
5510MHz_TnomVmax	Pass	596u	4m
5590MHz_TnomVnom	Pass	596u	4m
5590MHz_TnomVmin	Pass	596u	4m
5590MHz_TnomVmax	Pass	596u	4m
5670MHz_TnomVnom	Pass	596u	4m
5670MHz_TnomVmin	Pass	596u	4m
5670MHz_TnomVmax	Pass	596u	4m
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-
5210MHz_TnomVnom	Pass	297u	4m
5210MHz_TnomVmin	Pass	297u	4m
5210MHz_TnomVmax	Pass	297u	4m
5290MHz_TnomVnom	Pass	297u	4m
5290MHz_TnomVmin	Pass	297u	4m
5290MHz_TnomVmax	Pass	297u	4m
5530MHz_TnomVnom	Pass	297u	4m
5530MHz_TnomVmin	Pass	297u	4m
5530MHz_TnomVmax	Pass	297u	4m
5610MHz_TnomVnom	Pass	297u	4m
5610MHz_TnomVmin	Pass	297u	4m
5610MHz_TnomVmax	Pass	297u	4m



802.11a_Nss1_1TX

TX Burst

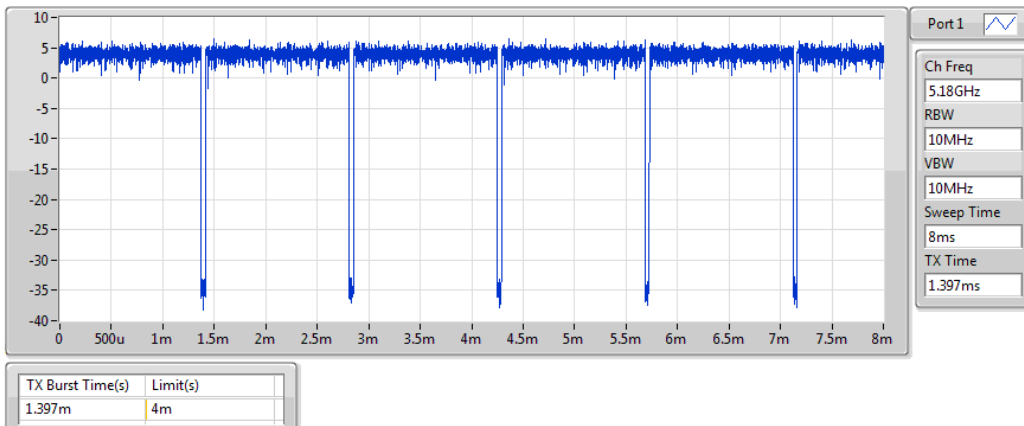
5180MHz_TnomVnom



802.11a_Nss1_1TX

TX Burst

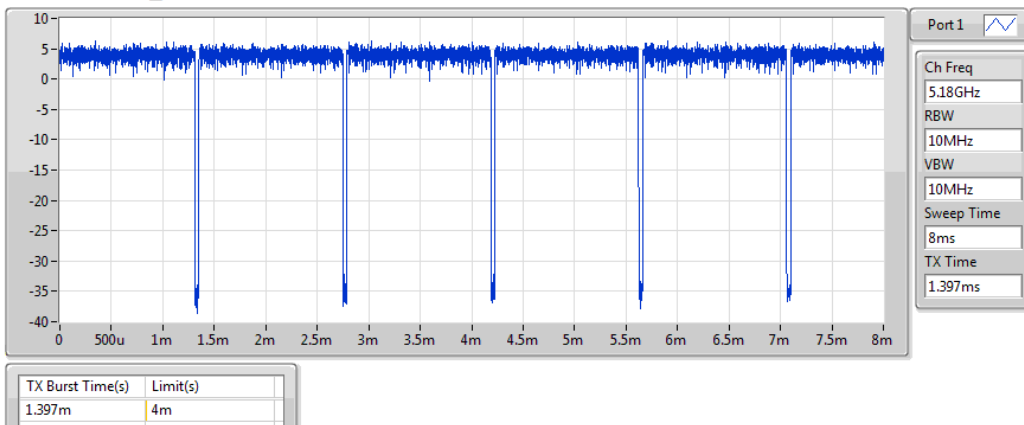
5180MHz_TnomVmin



802.11a_Nss1_1TX

TX Burst

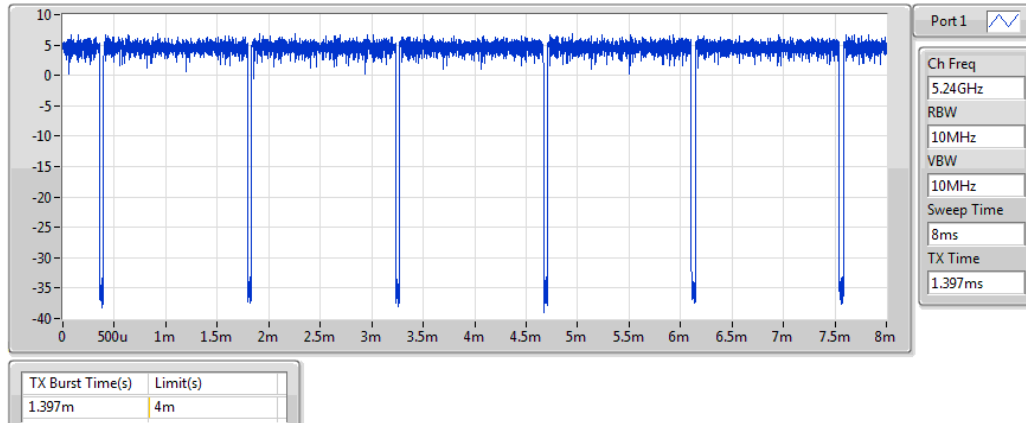
5180MHz_TnomVmax



802.11a_Nss1_1TX

TX Burst

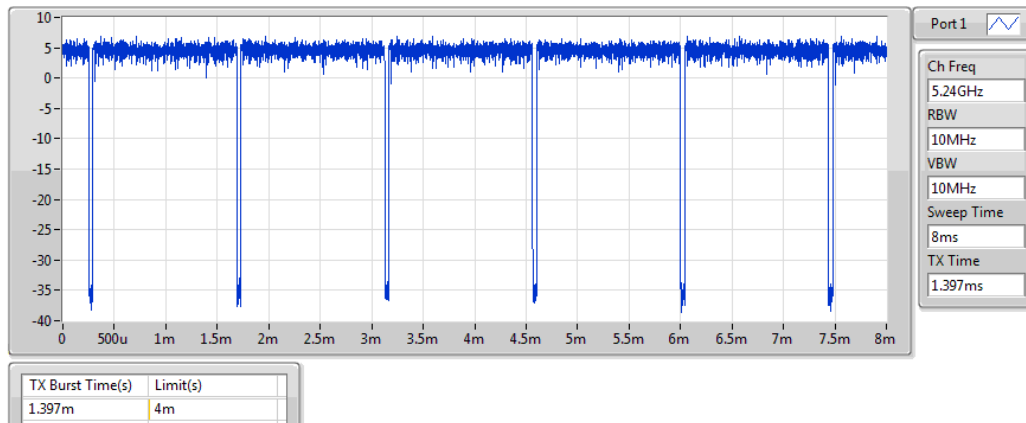
5240MHz_TnomVnom



802.11a_Nss1_1TX

TX Burst

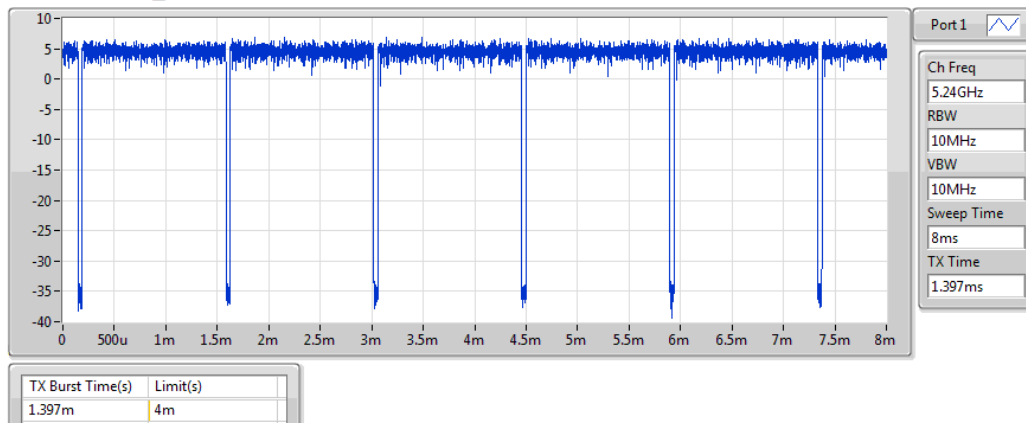
5240MHz_TnomVmin



802.11a_Nss1_1TX

TX Burst

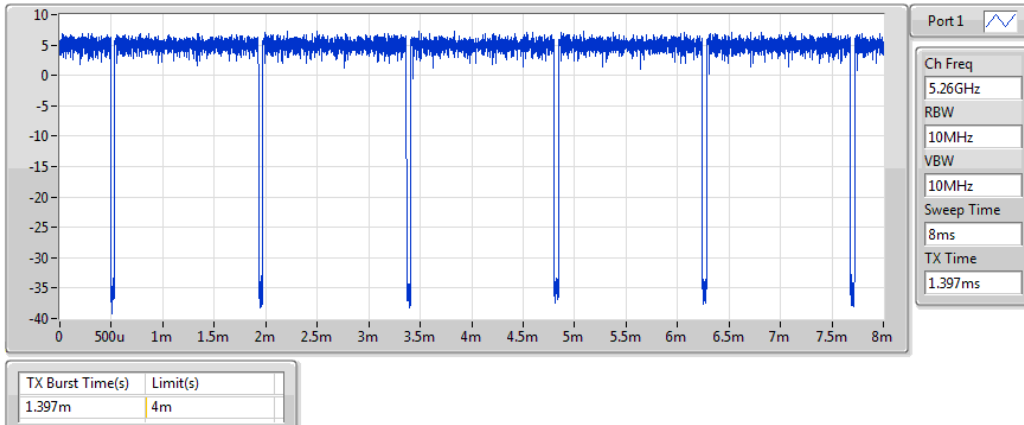
5240MHz_TnomVmax



802.11a_Nss1_1TX

TX Burst

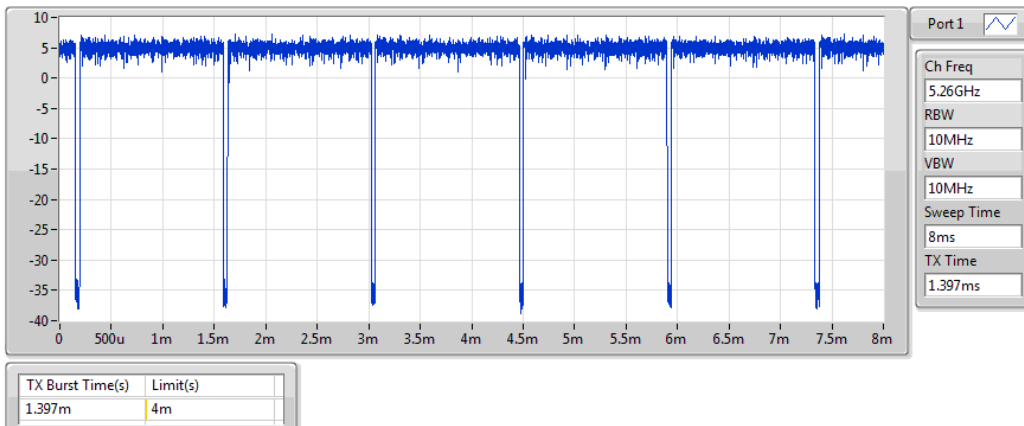
5260MHz_TnomVnom



802.11a_Nss1_1TX

TX Burst

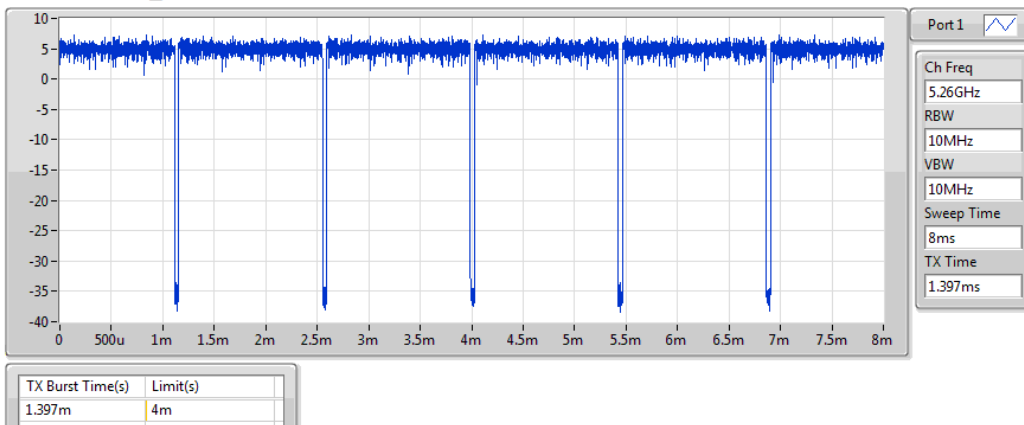
5260MHz_TnomVmin



802.11a_Nss1_1TX

TX Burst

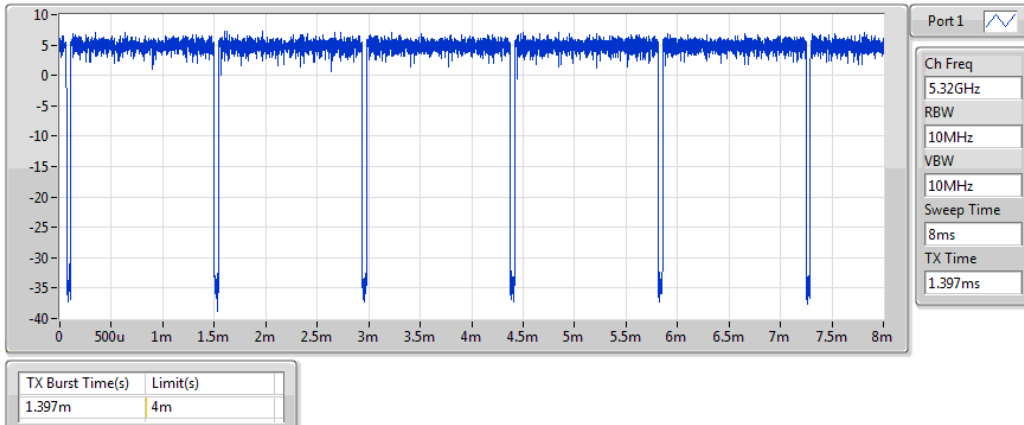
5260MHz_TnomVmax



802.11a_Nss1_1TX

TX Burst

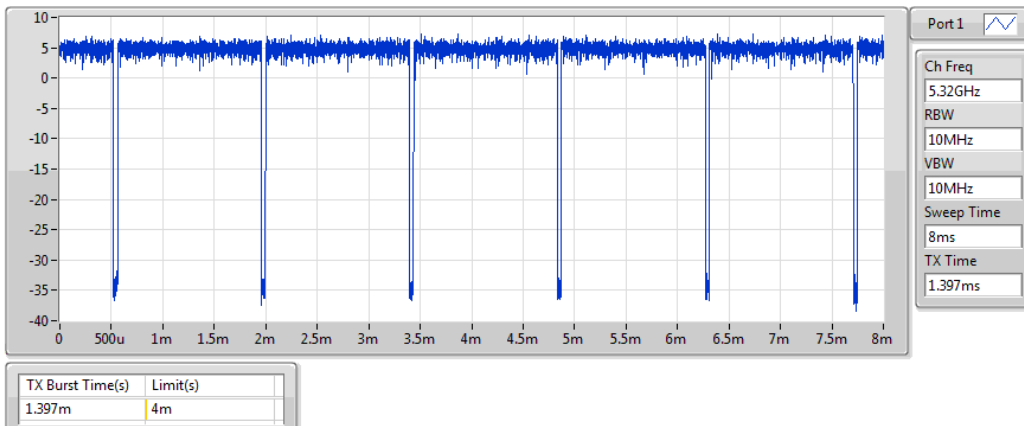
5320MHz_TnomVnom



802.11a_Nss1_1TX

TX Burst

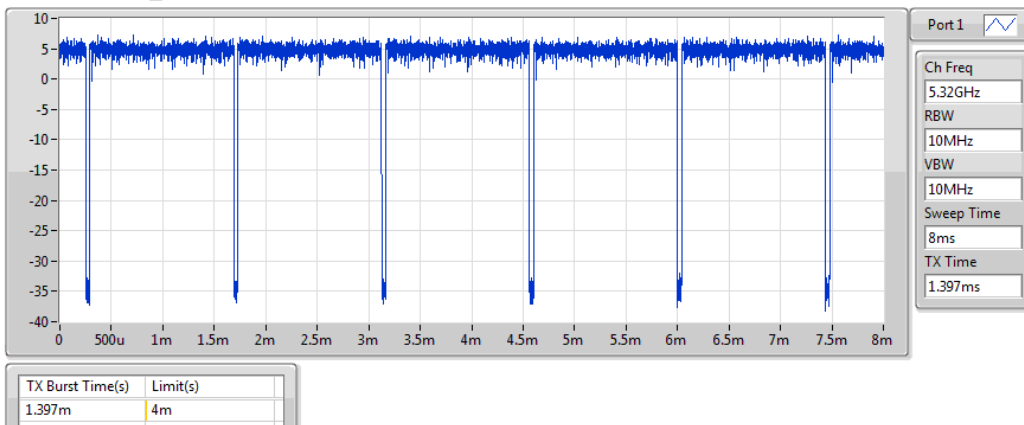
5320MHz_TnomVmin



802.11a_Nss1_1TX

TX Burst

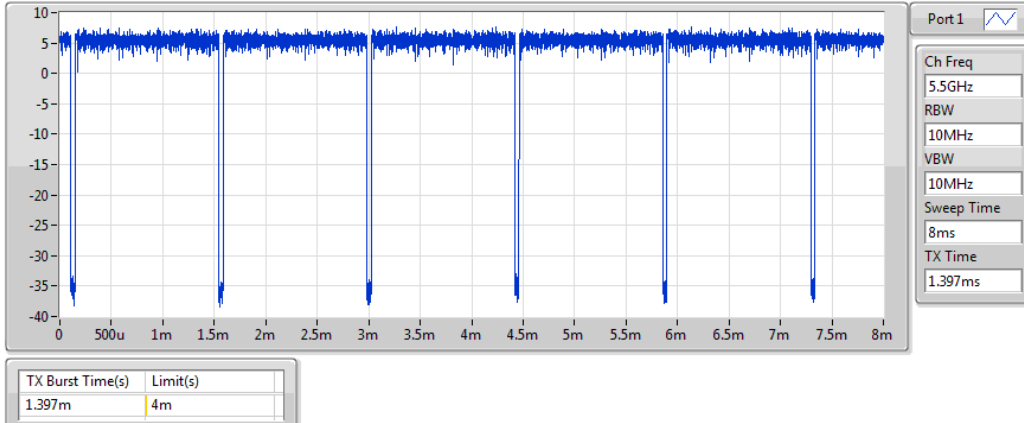
5320MHz_TnomVmax



802.11a_Nss1_1TX

TX Burst

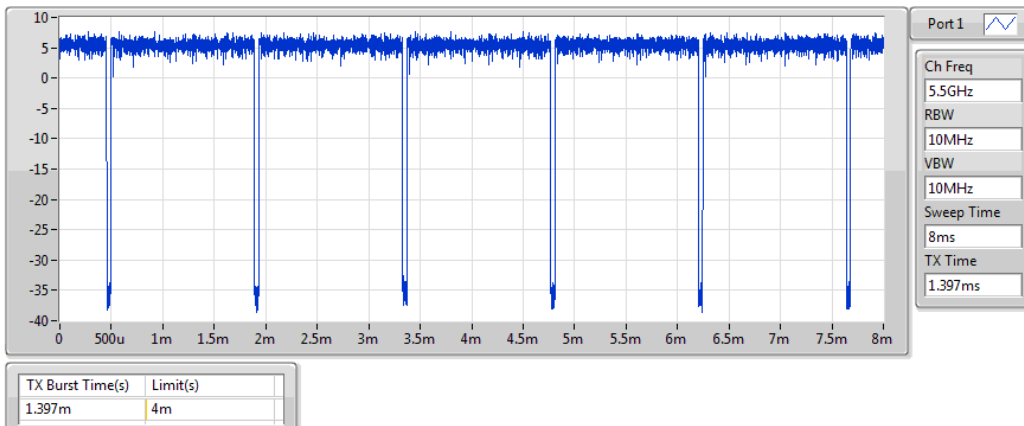
5500MHz_TnomVnom



802.11a_Nss1_1TX

TX Burst

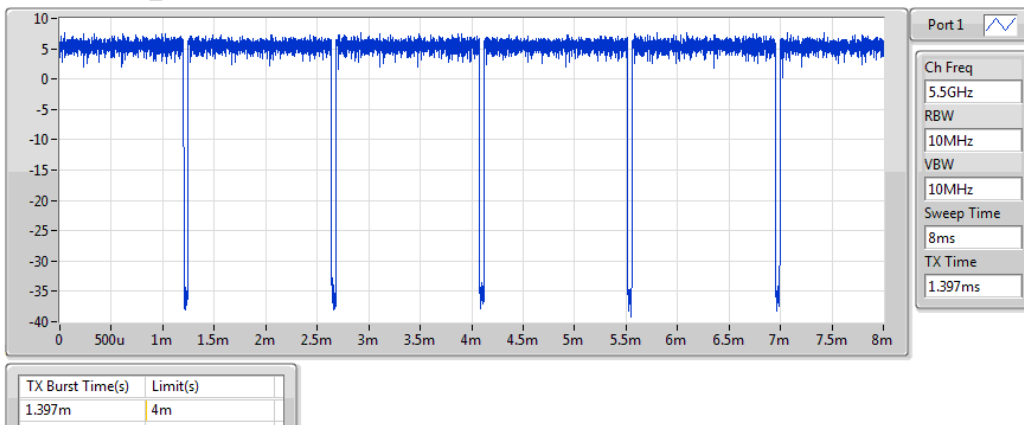
5500MHz_TnomVmin



802.11a_Nss1_1TX

TX Burst

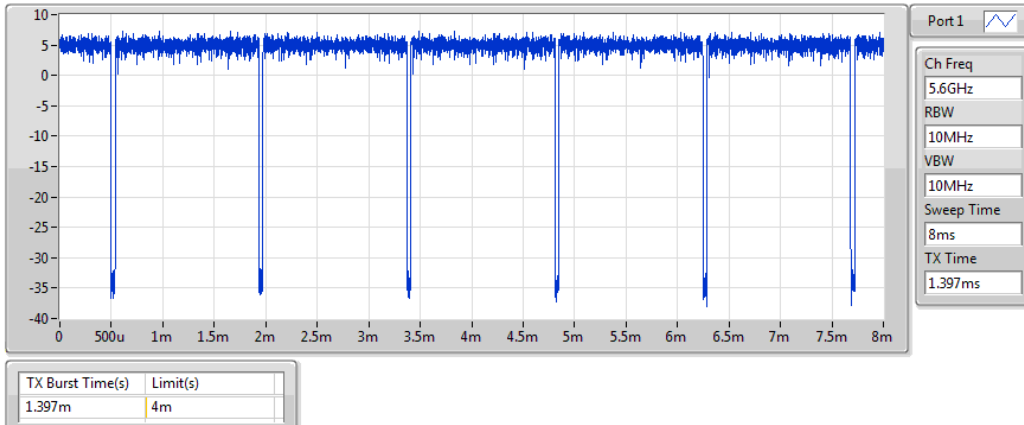
5500MHz_TnomVmax



802.11a_Nss1_1TX

TX Burst

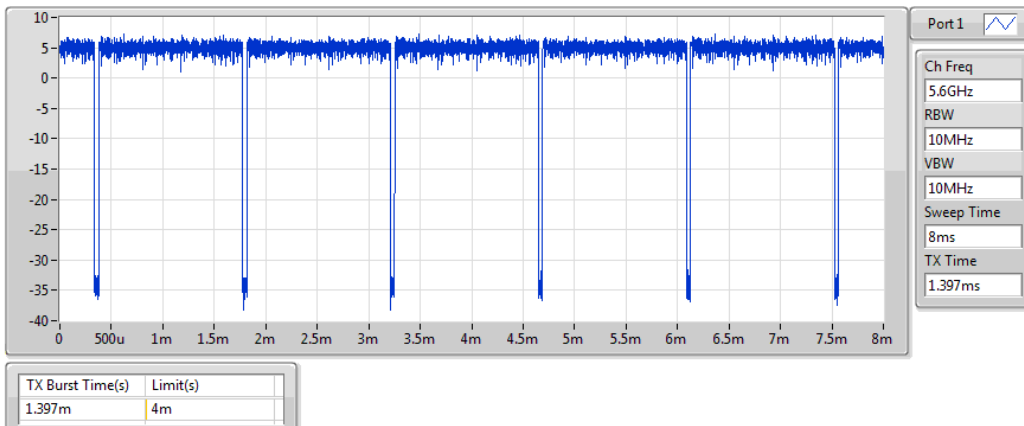
5600MHz_TnomVnom



802.11a_Nss1_1TX

TX Burst

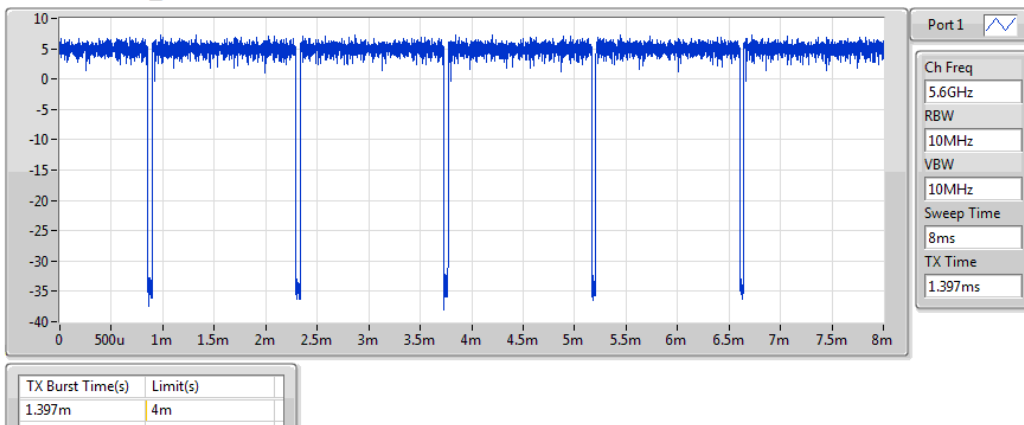
5600MHz_TnomVmin



802.11a_Nss1_1TX

TX Burst

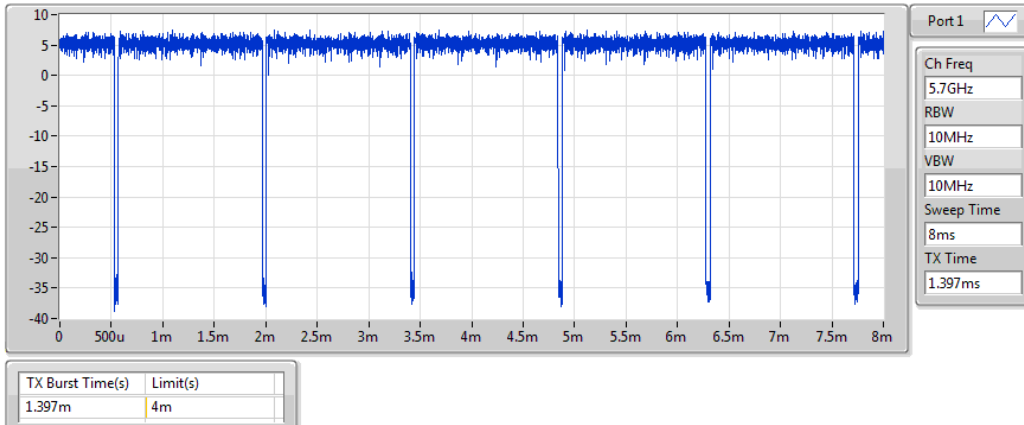
5600MHz_TnomVmax



802.11a_Nss1_1TX

TX Burst

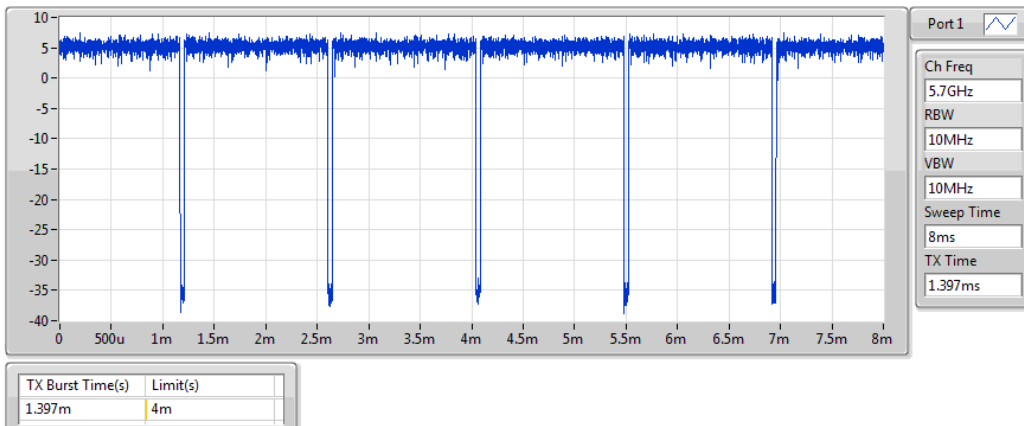
5700MHz_TnomVnom



802.11a_Nss1_1TX

TX Burst

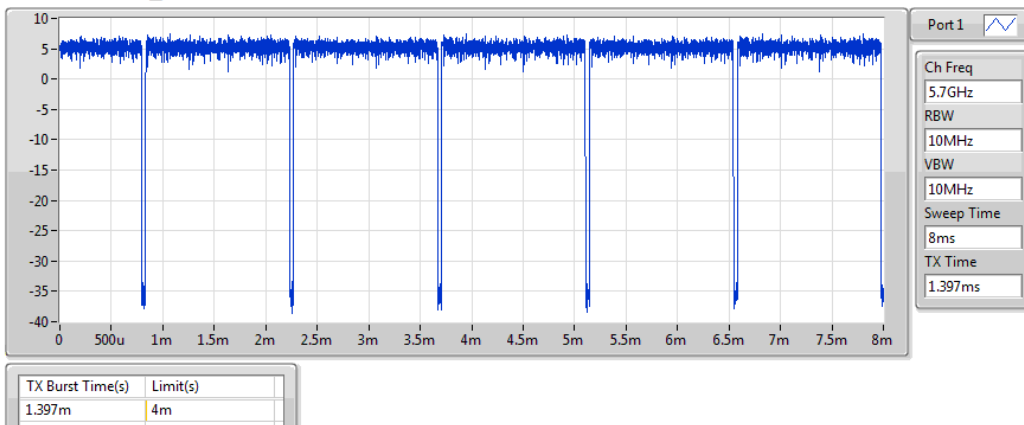
5700MHz_TnomVmin



802.11a_Nss1_1TX

TX Burst

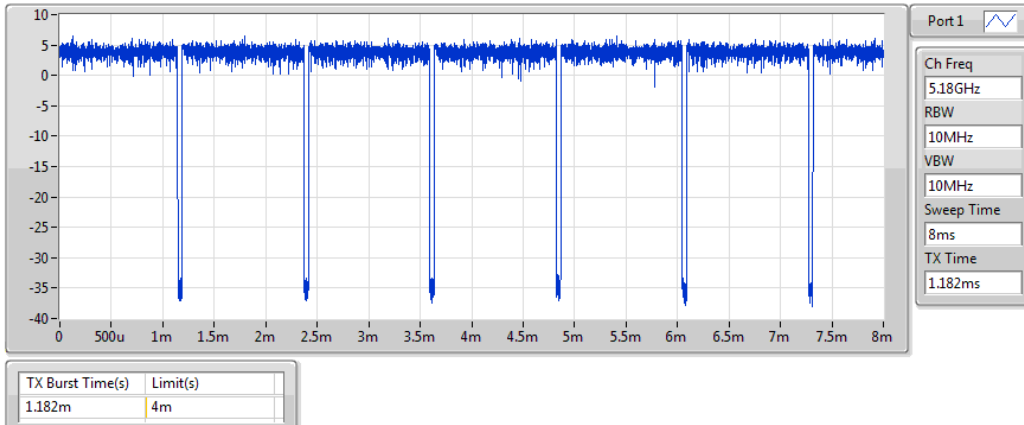
5700MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

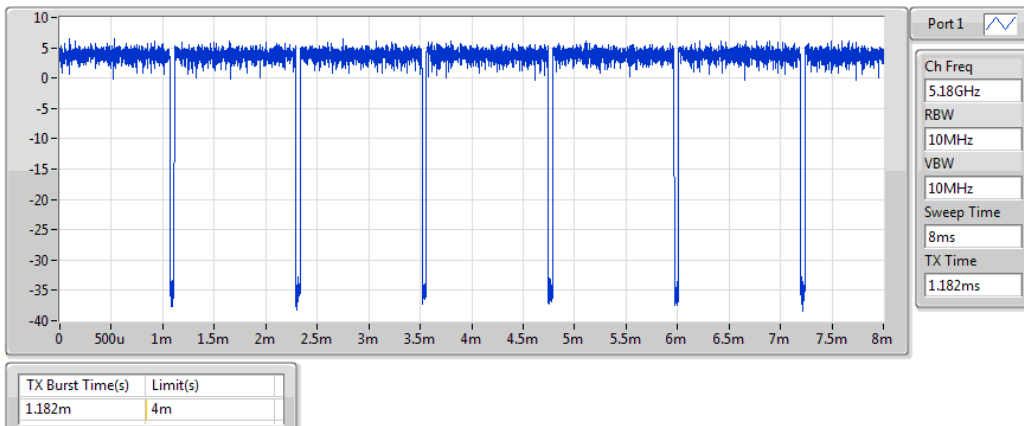
5180MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

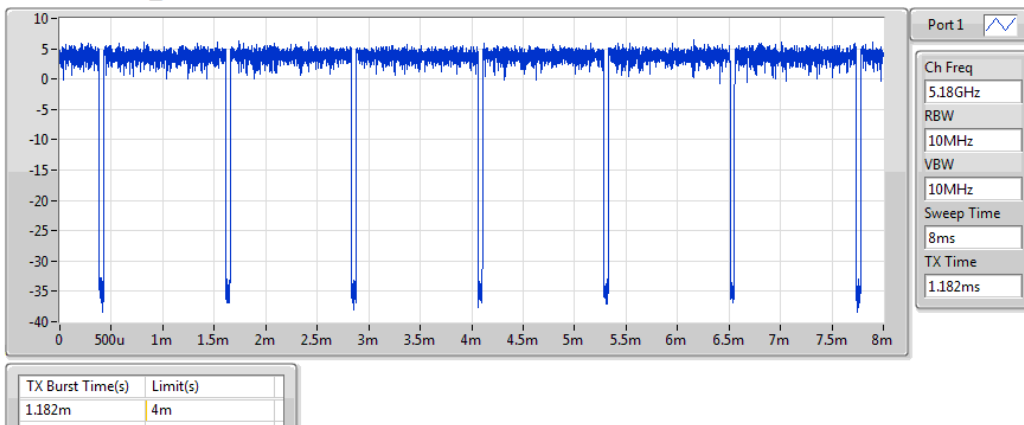
5180MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

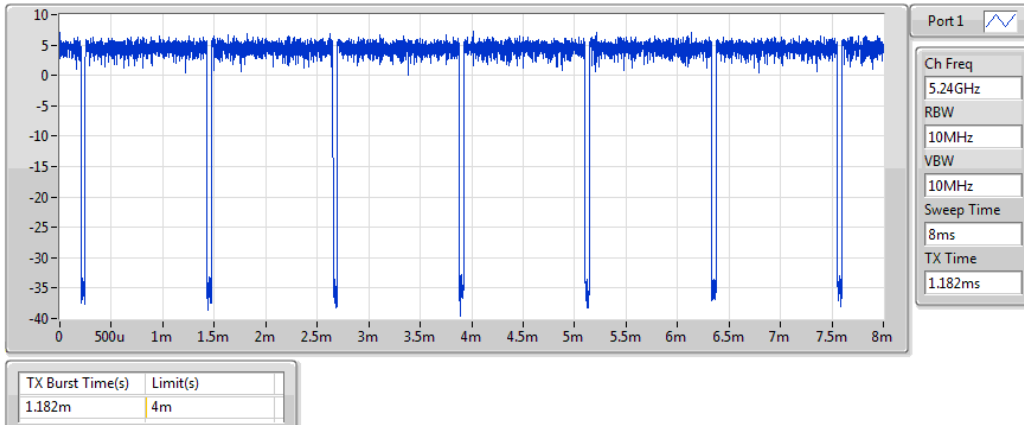
5180MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

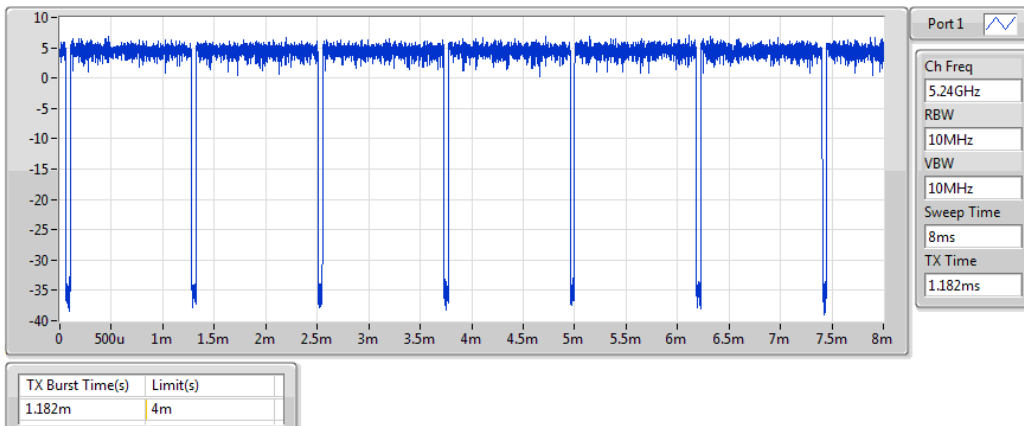
5240MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

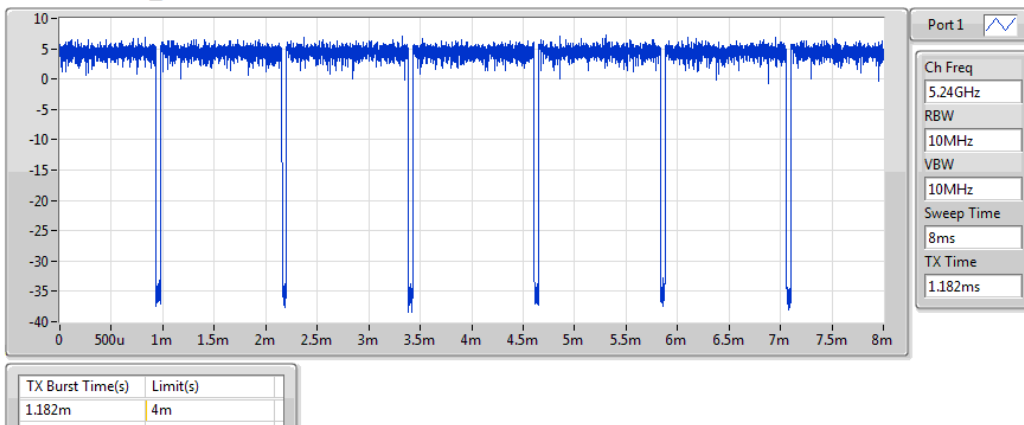
5240MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

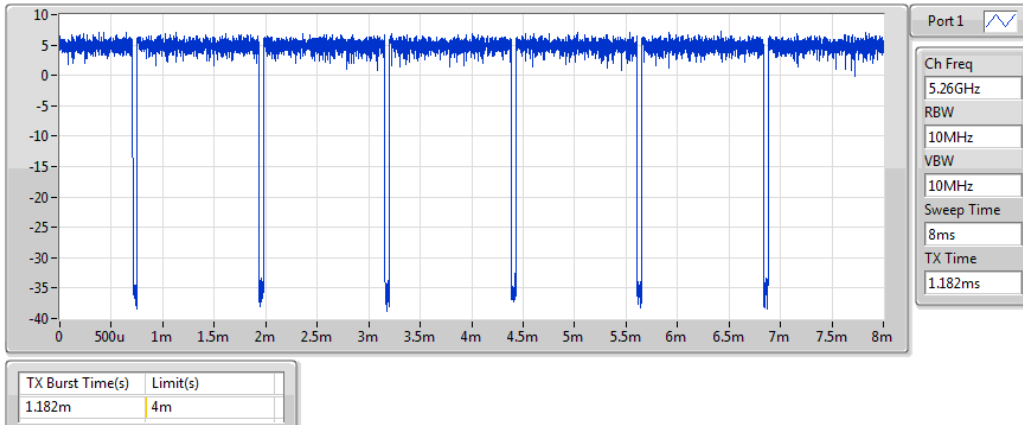
5240MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

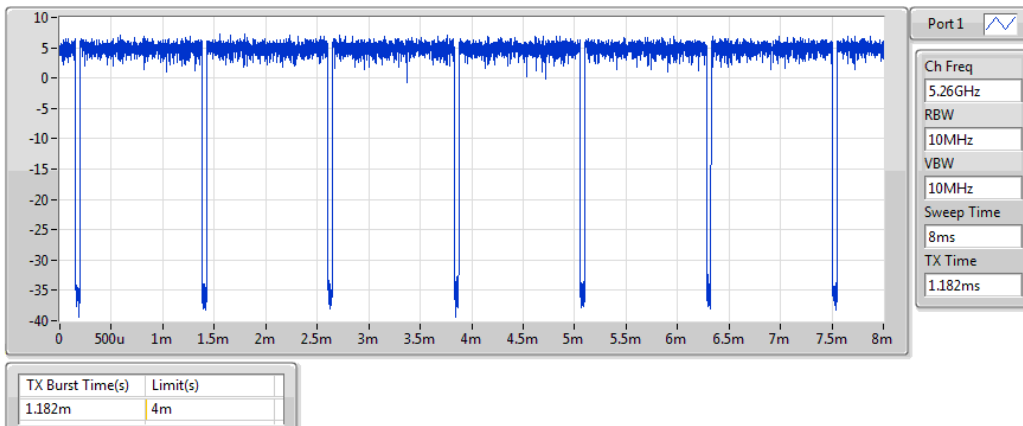
5260MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

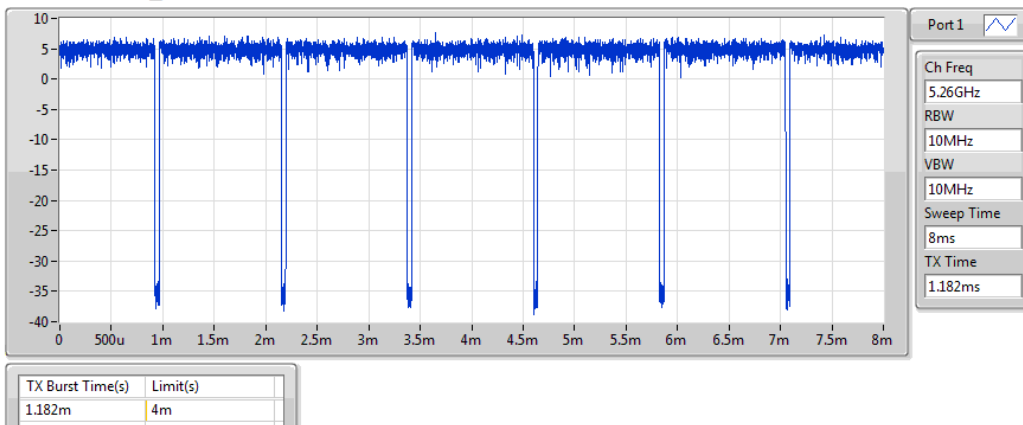
5260MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

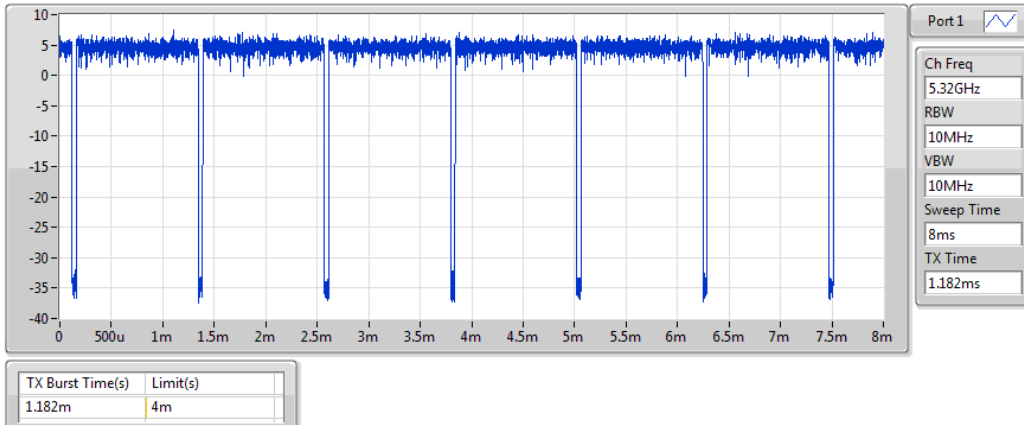
5260MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

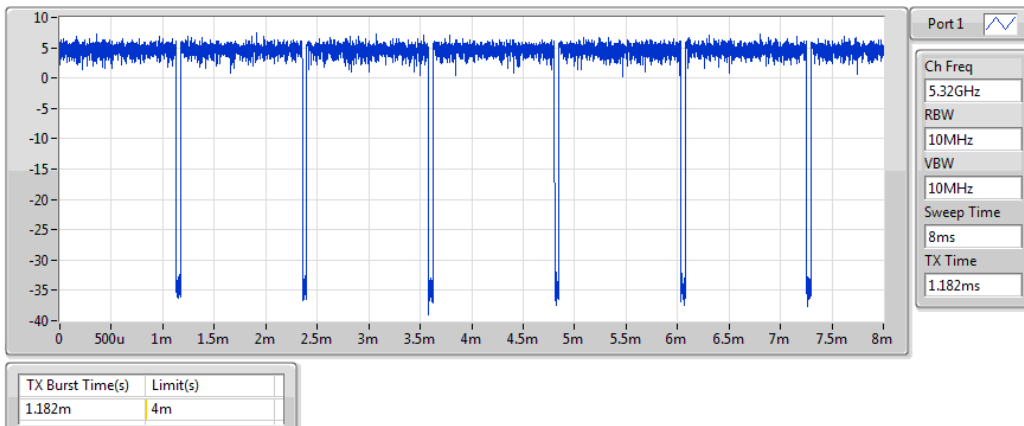
5320MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

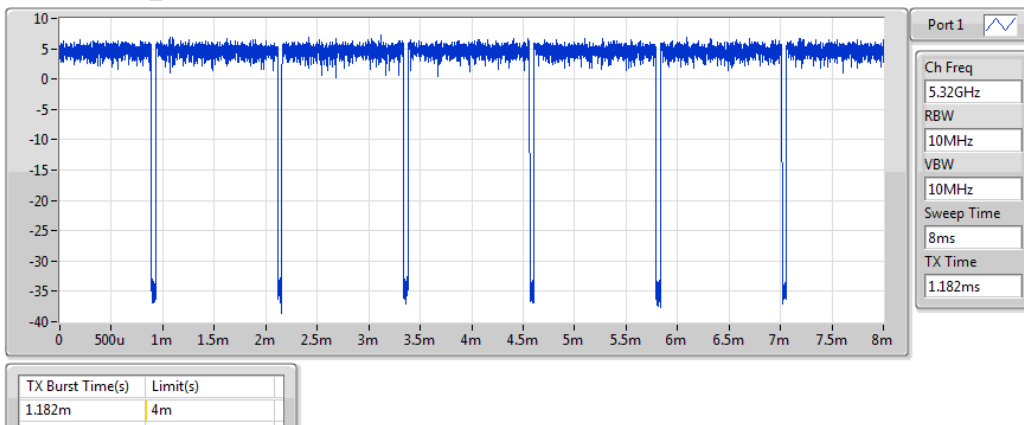
5320MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

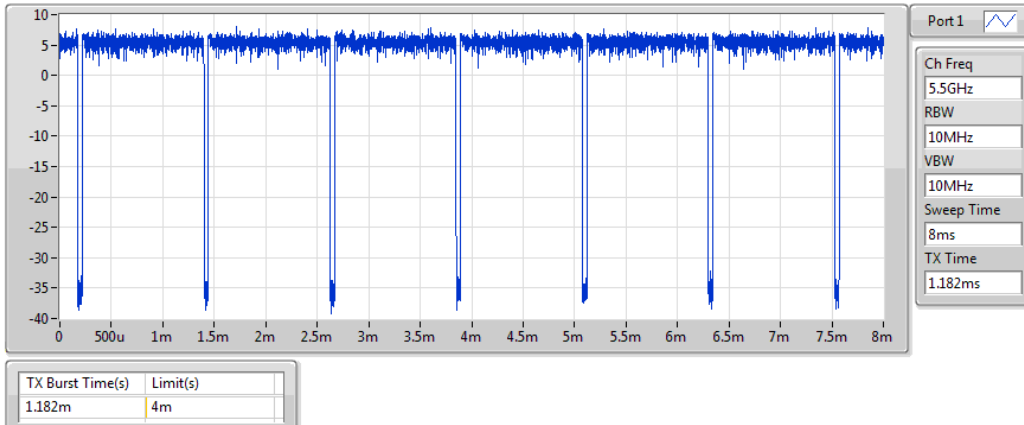
5320MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

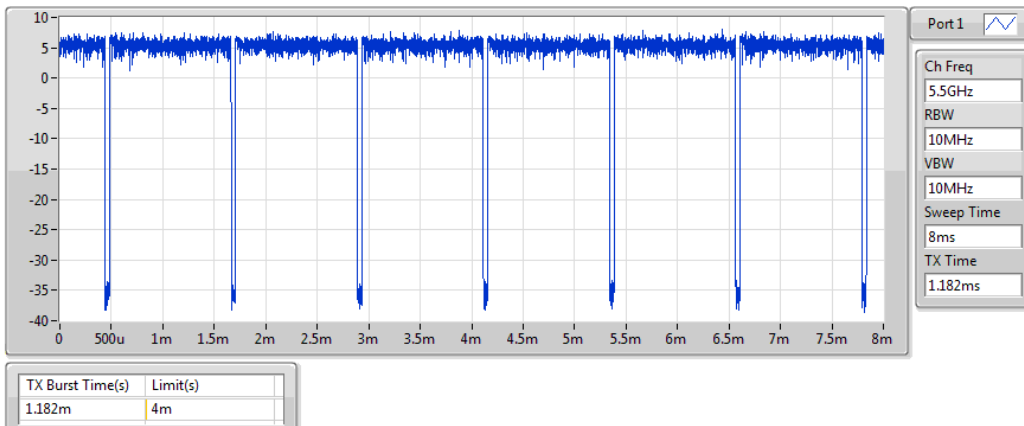
5500MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

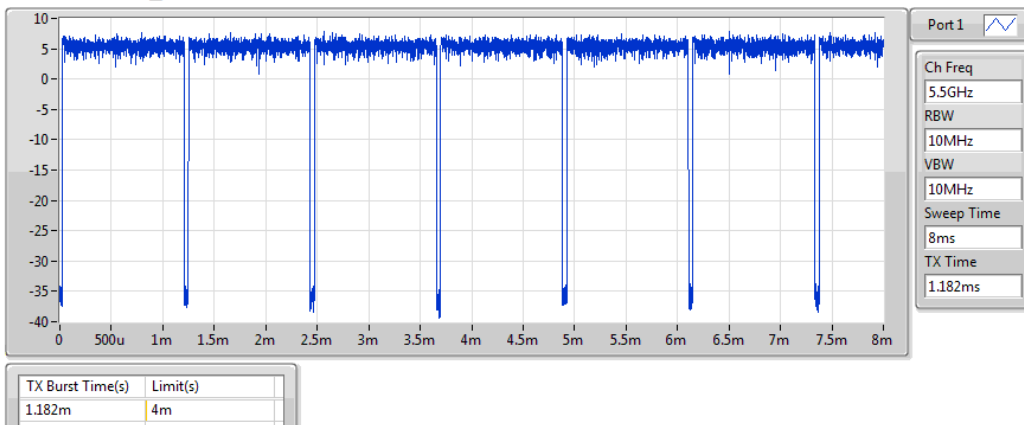
5500MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

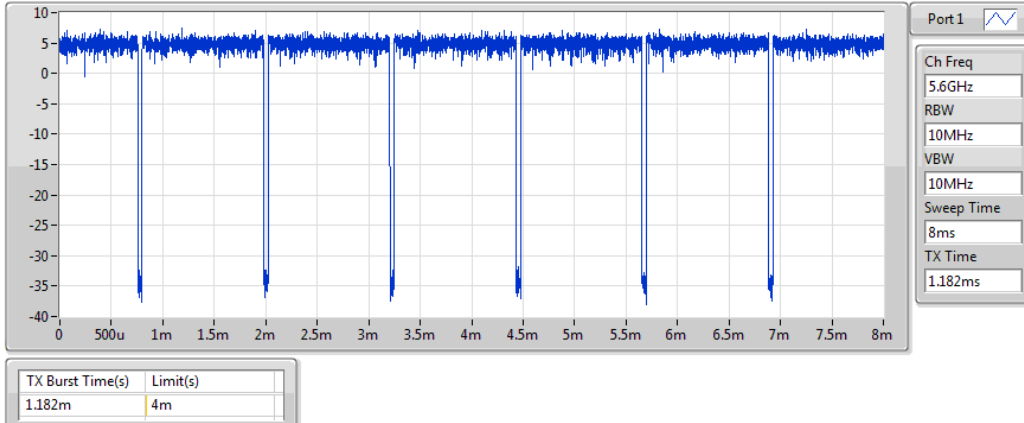
5500MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

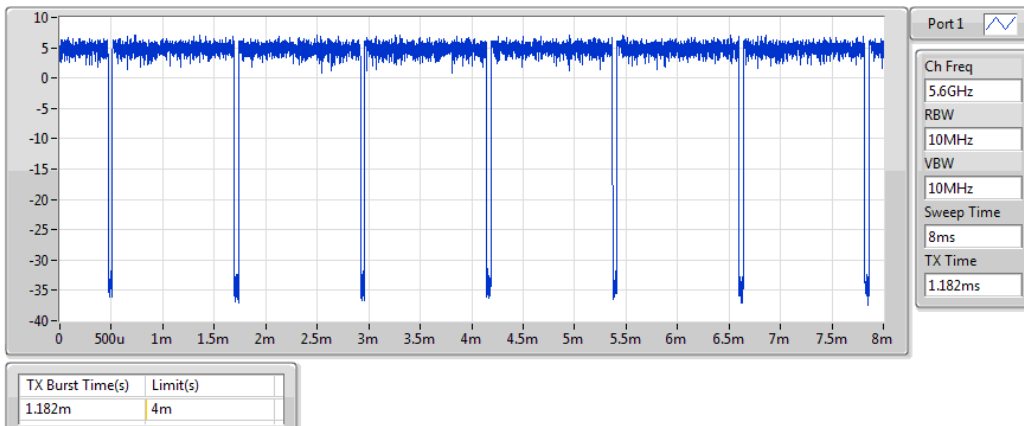
5600MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

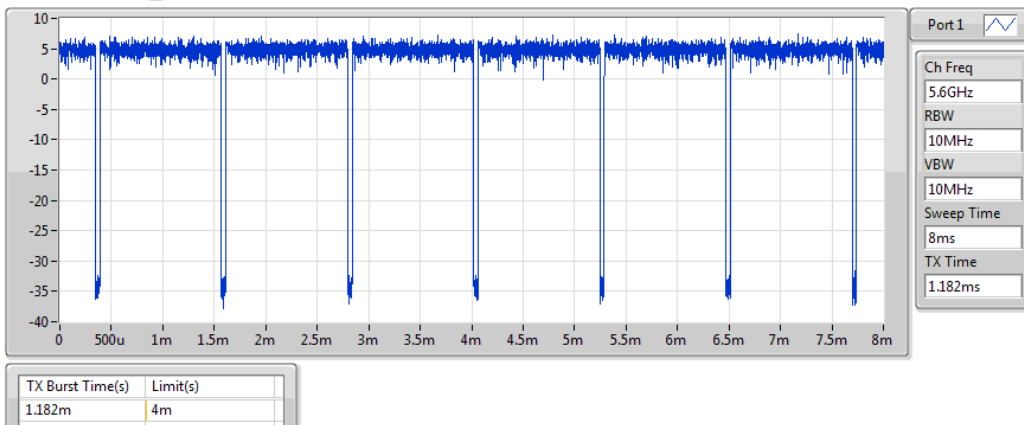
5600MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

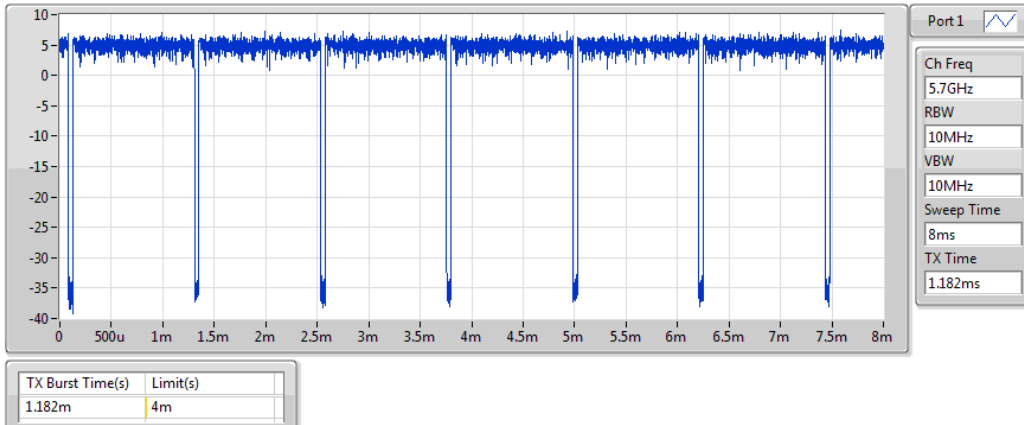
5600MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

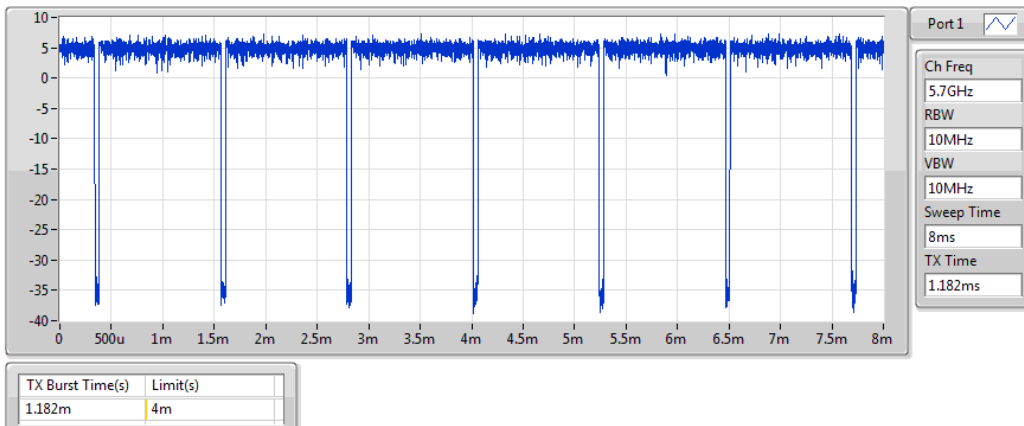
5700MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

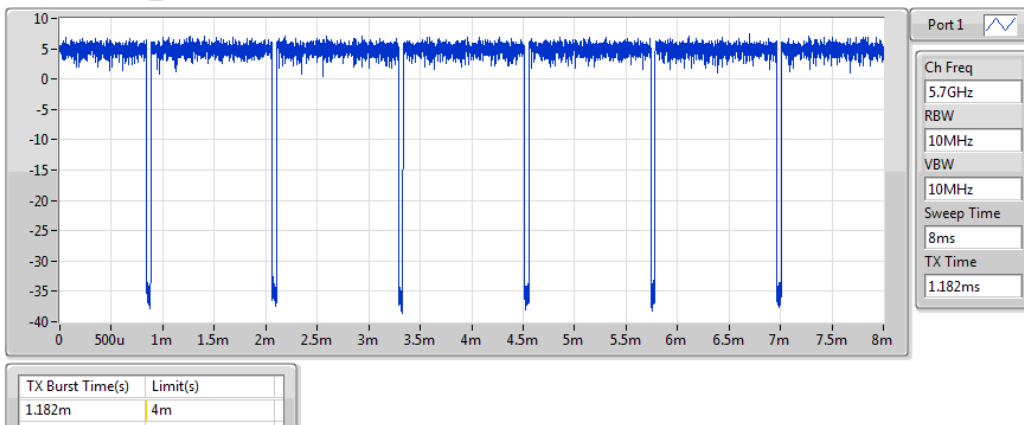
5700MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

TX Burst

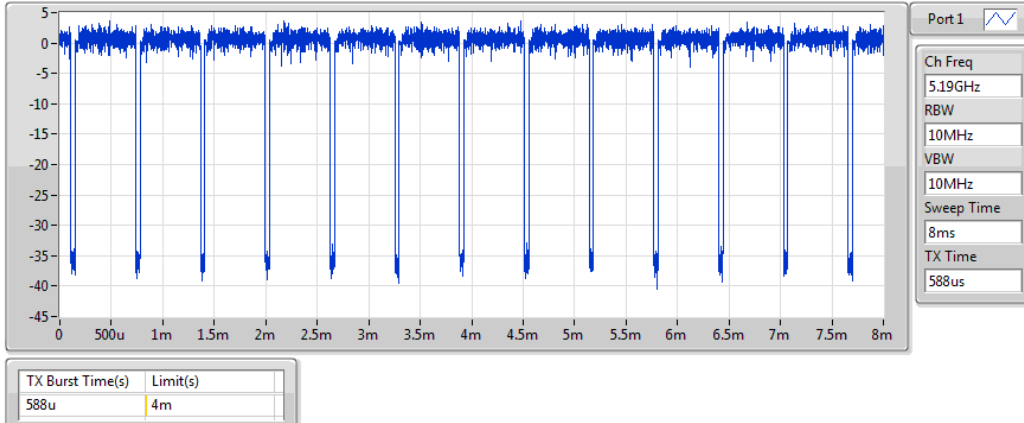
5700MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

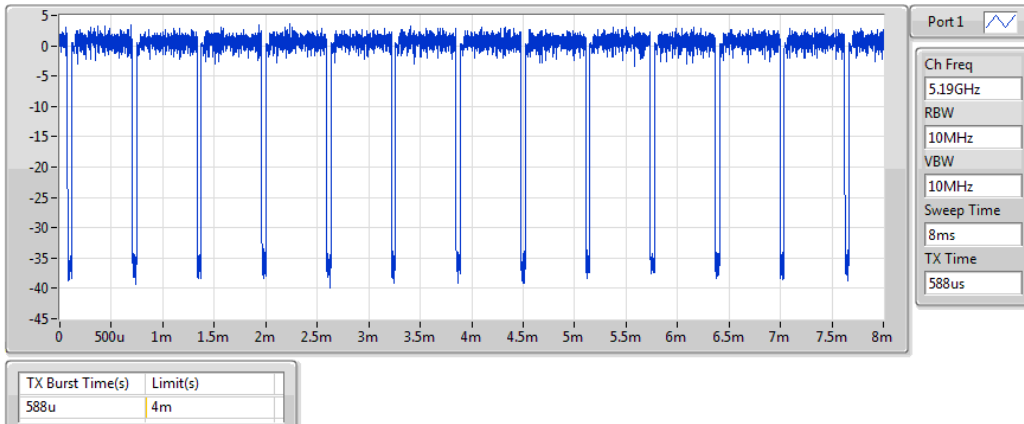
5190MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

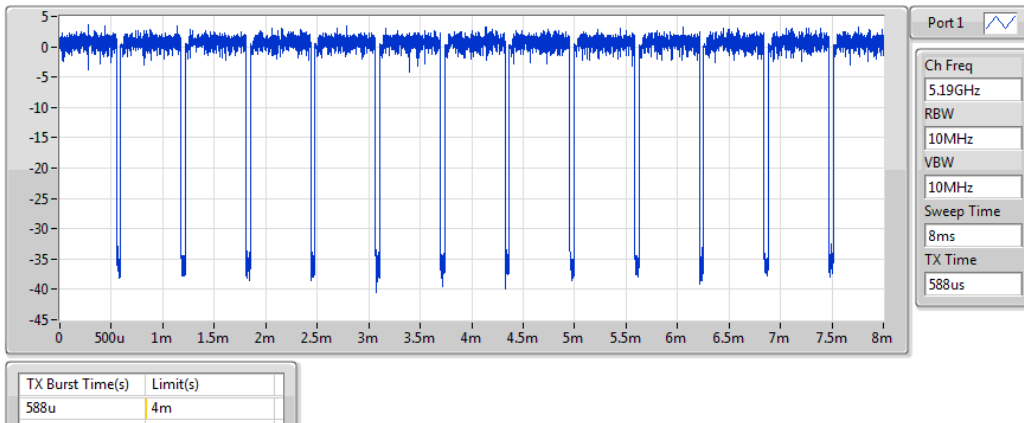
5190MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

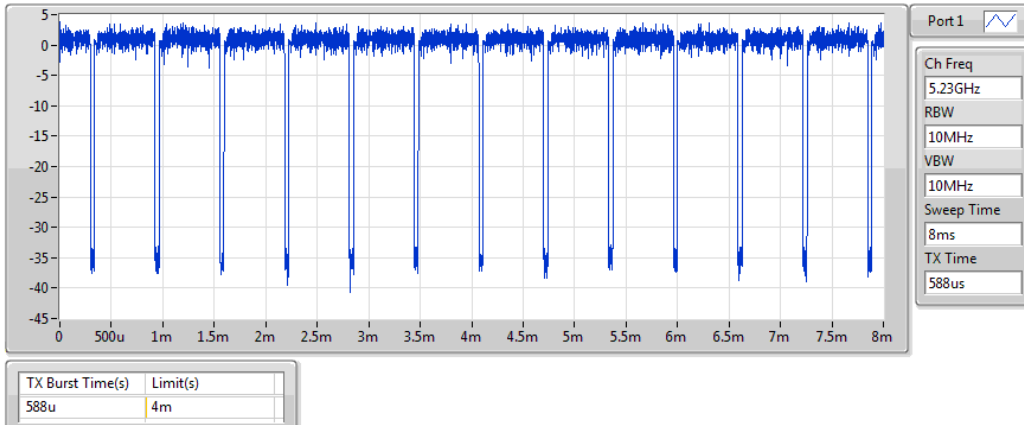
5190MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

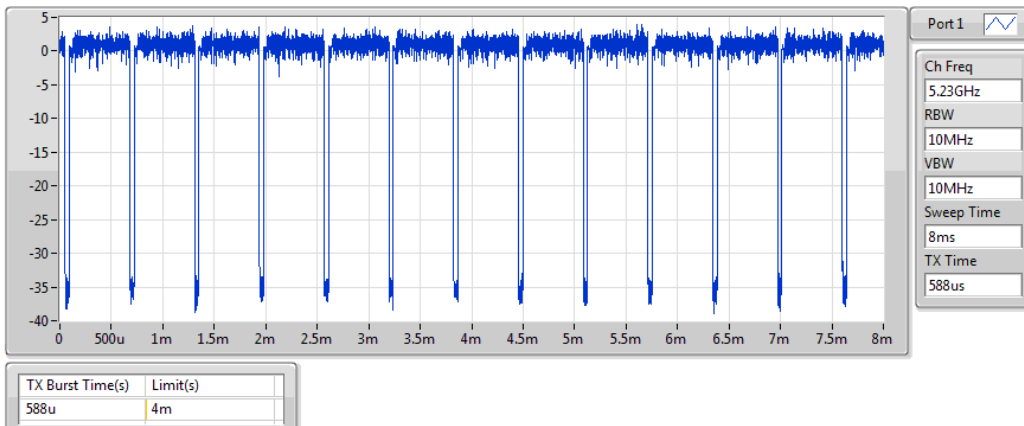
5230MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

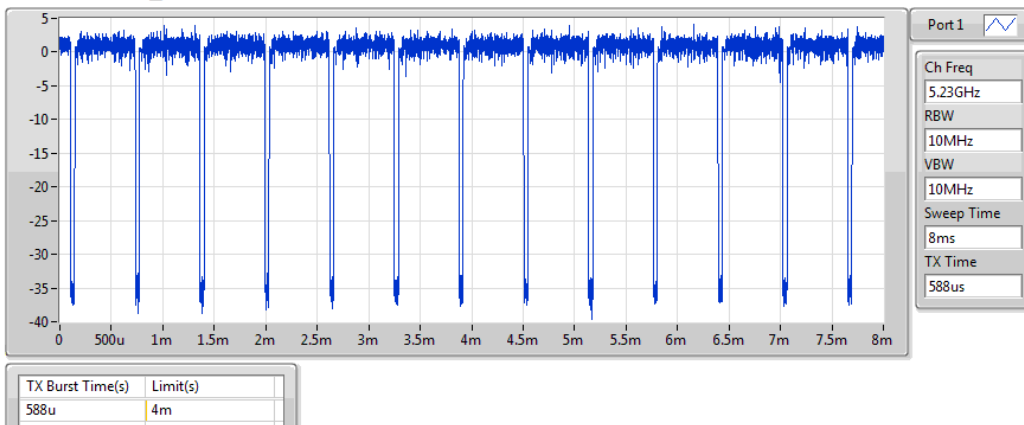
5230MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

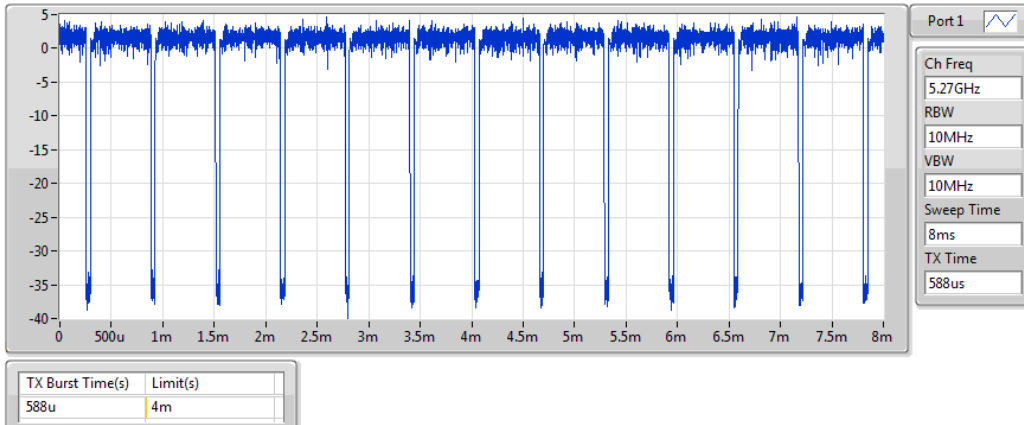
5230MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

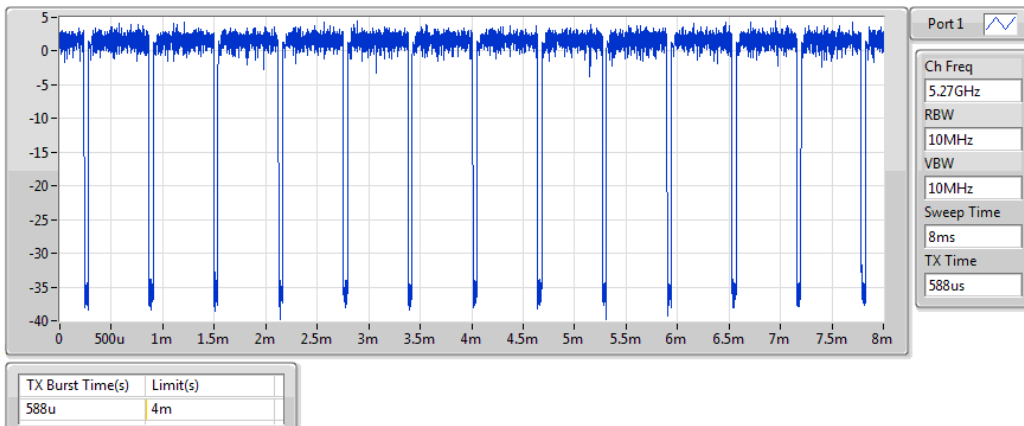
5270MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

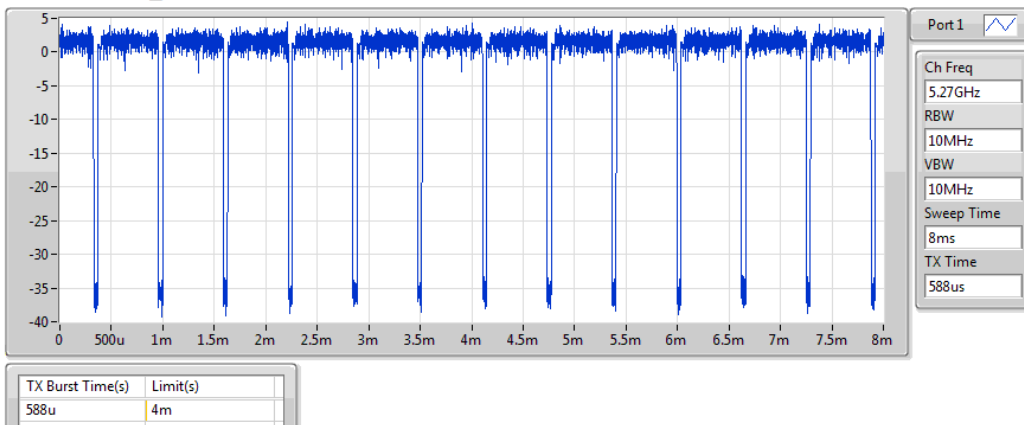
5270MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

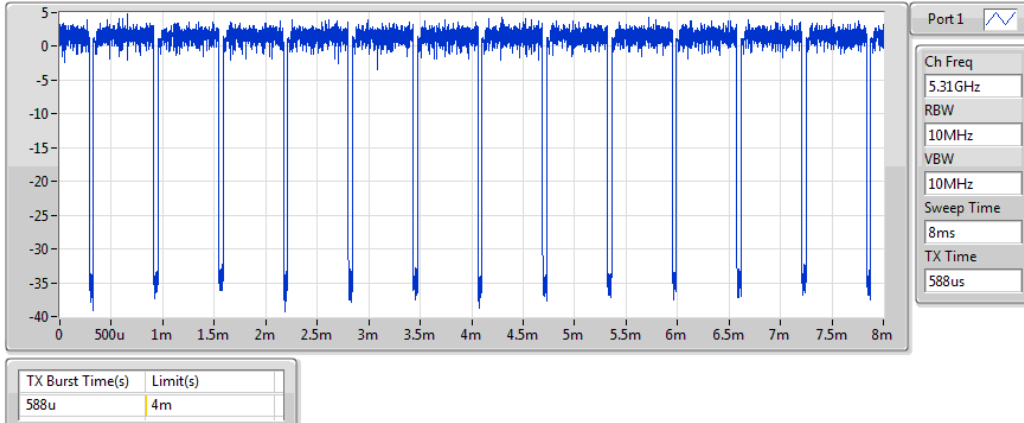
5270MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

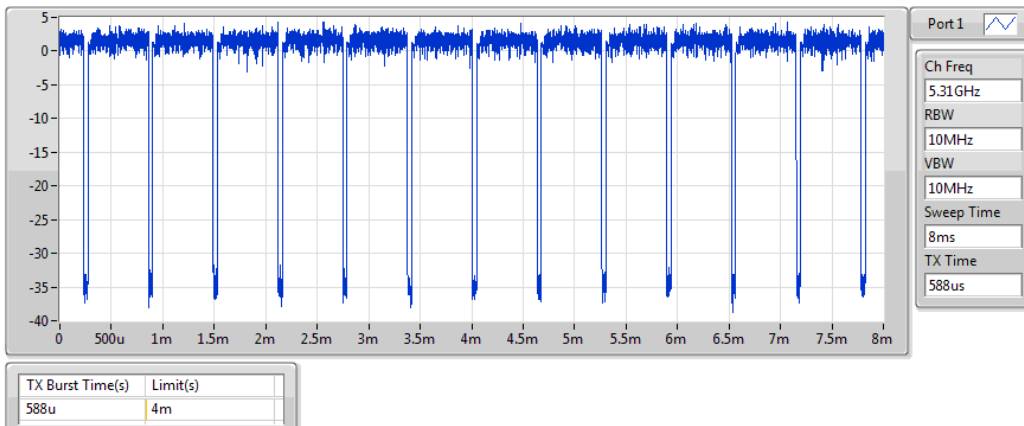
5310MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

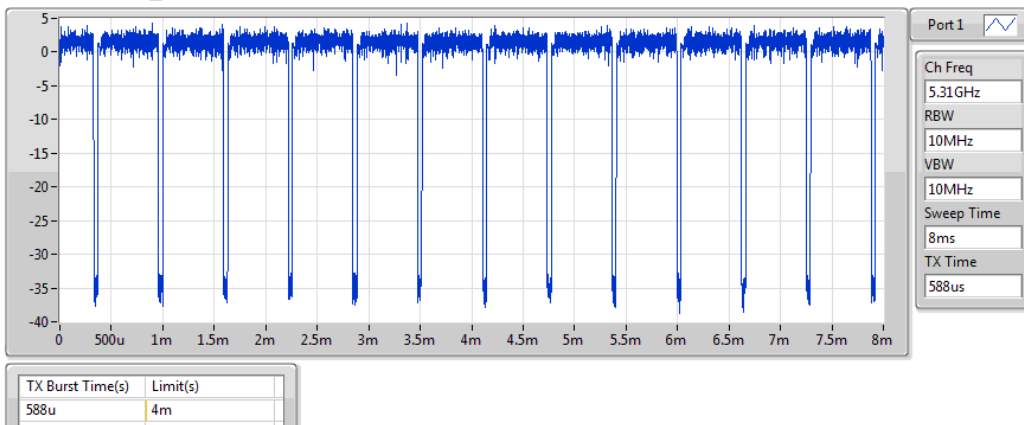
5310MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

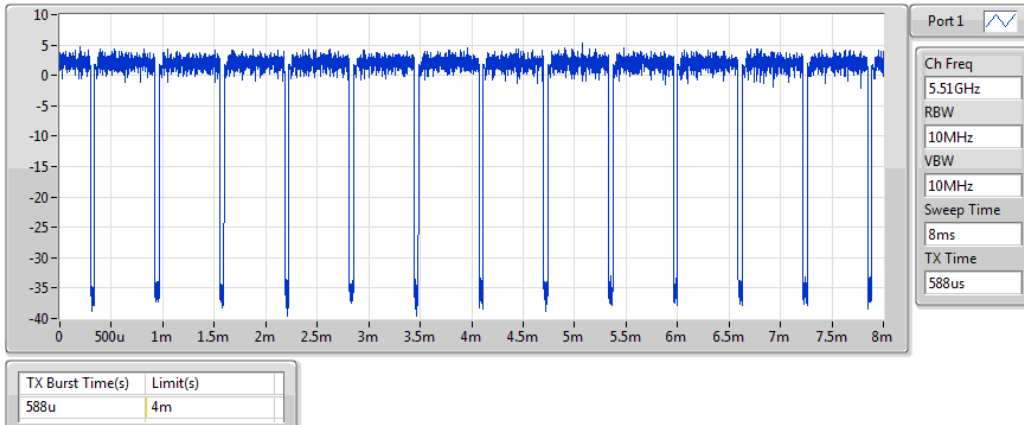
5310MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

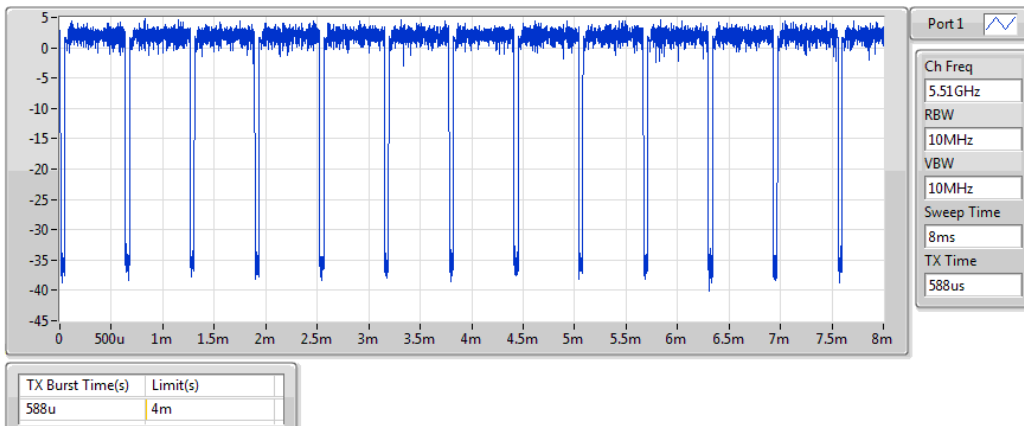
5510MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

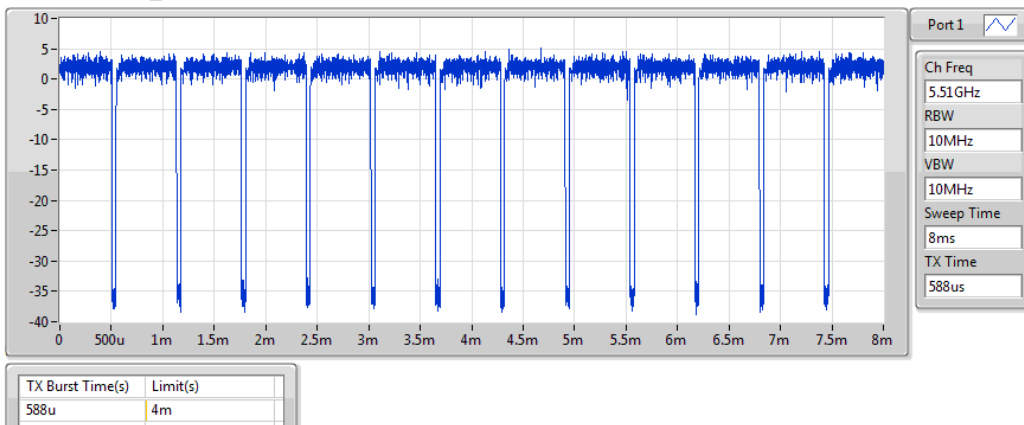
5510MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

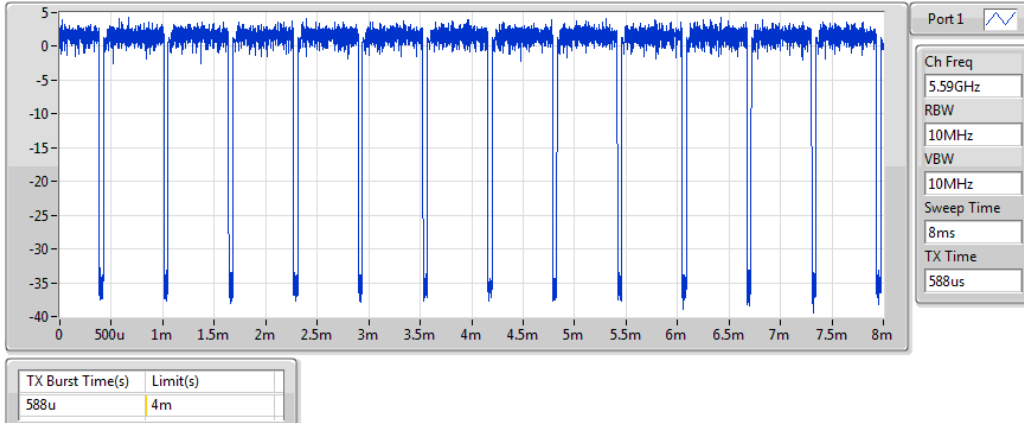
5510MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

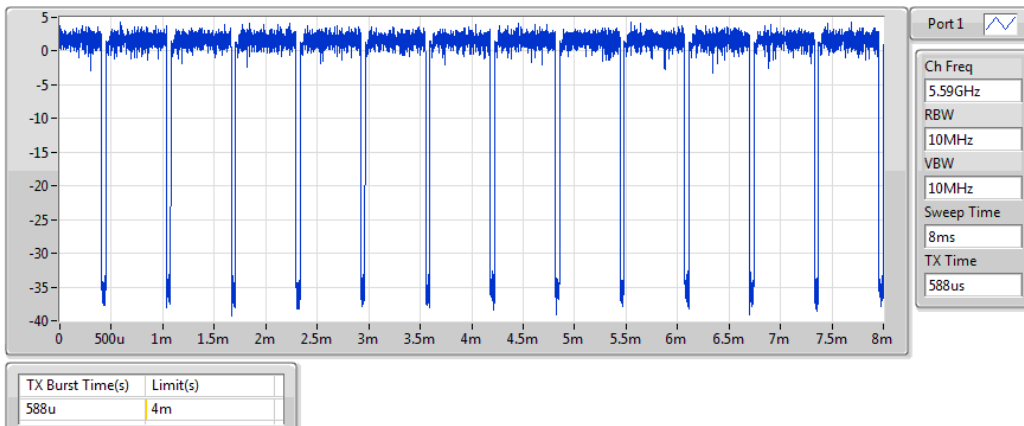
5590MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

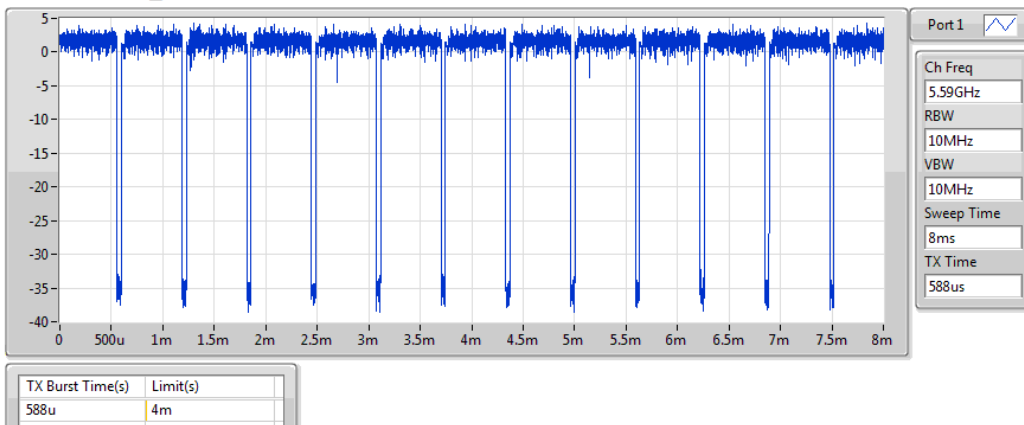
5590MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

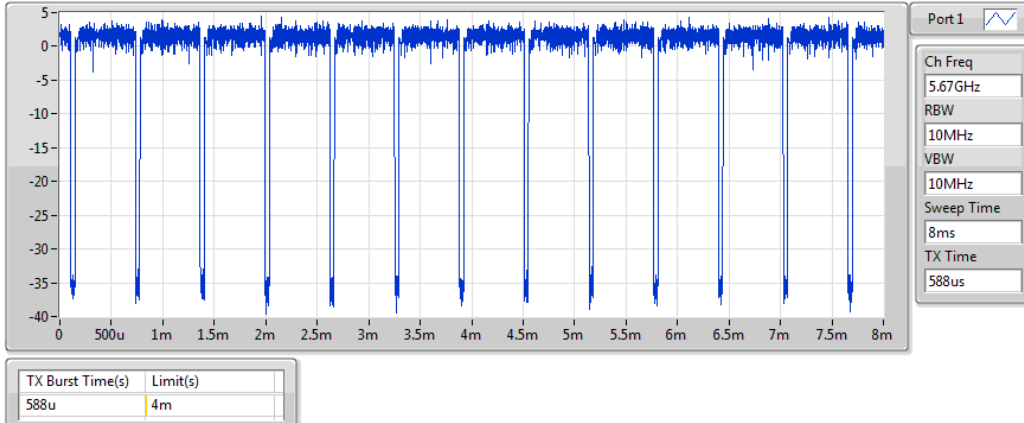
5590MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

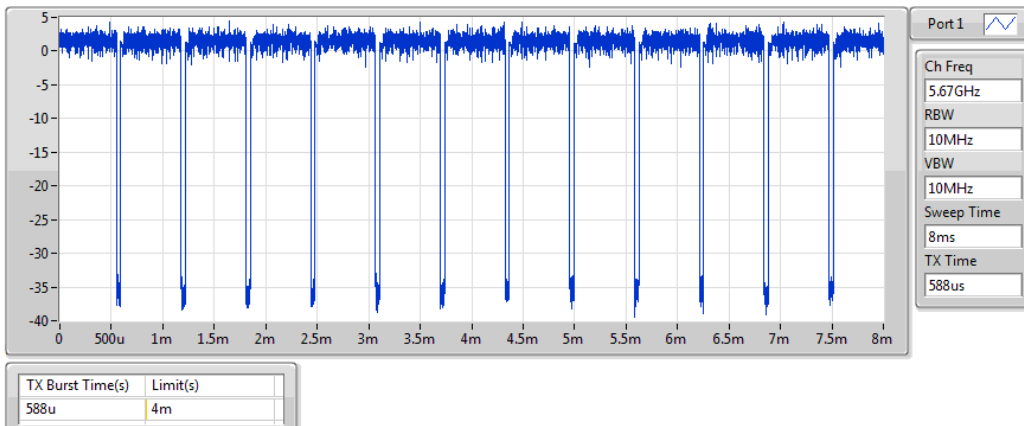
5670MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

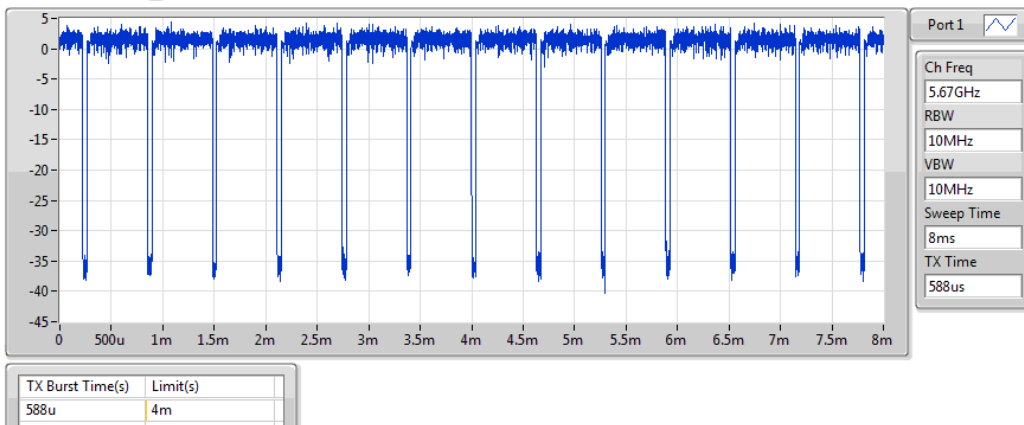
5670MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

TX Burst

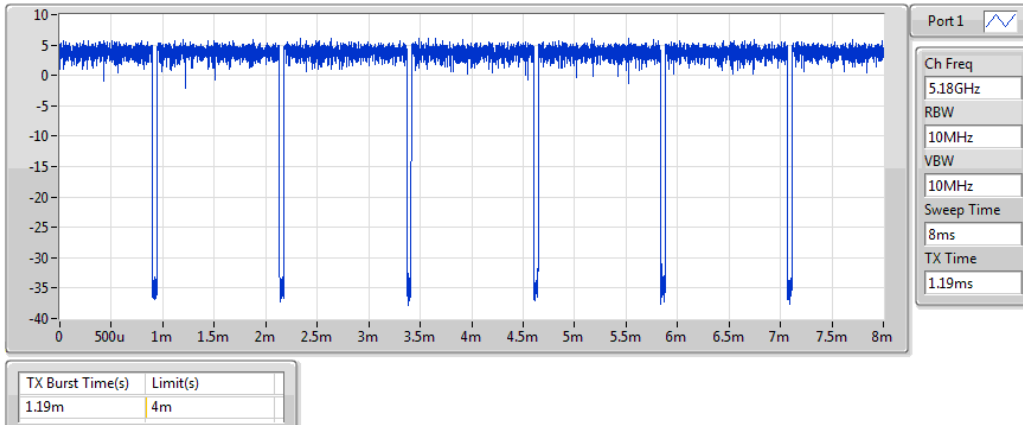
5670MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

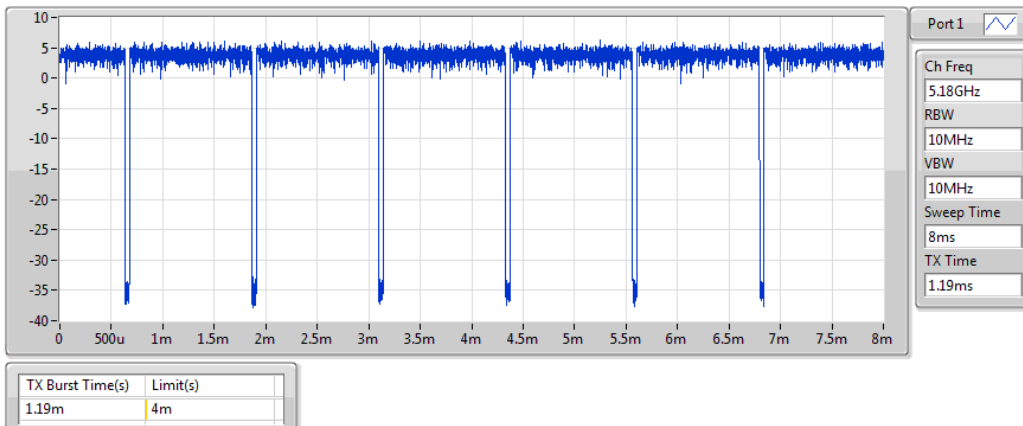
5180MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

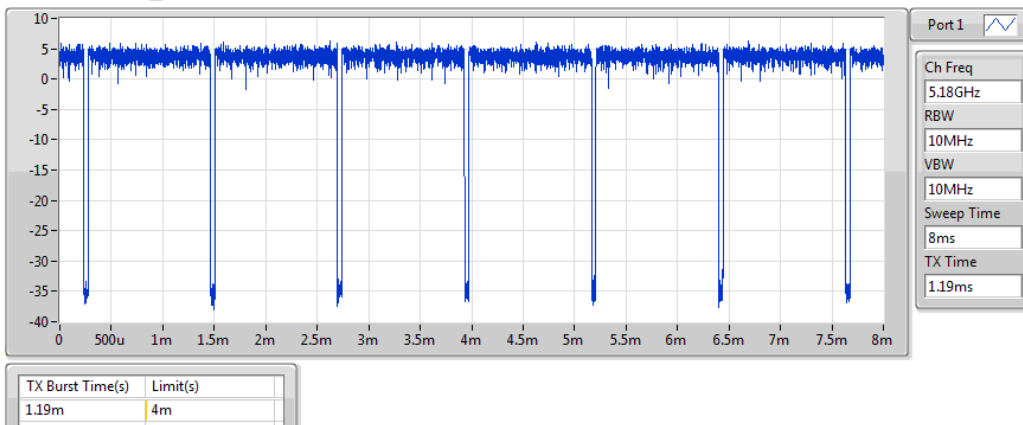
5180MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

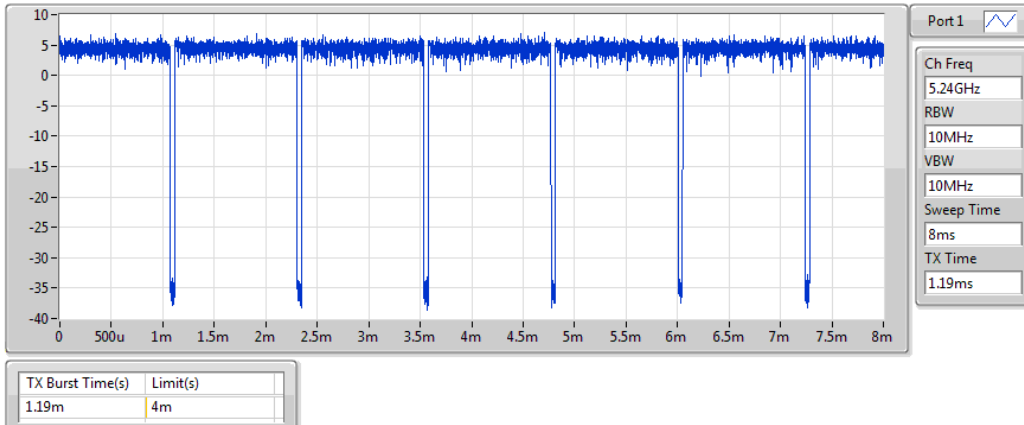
5180MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

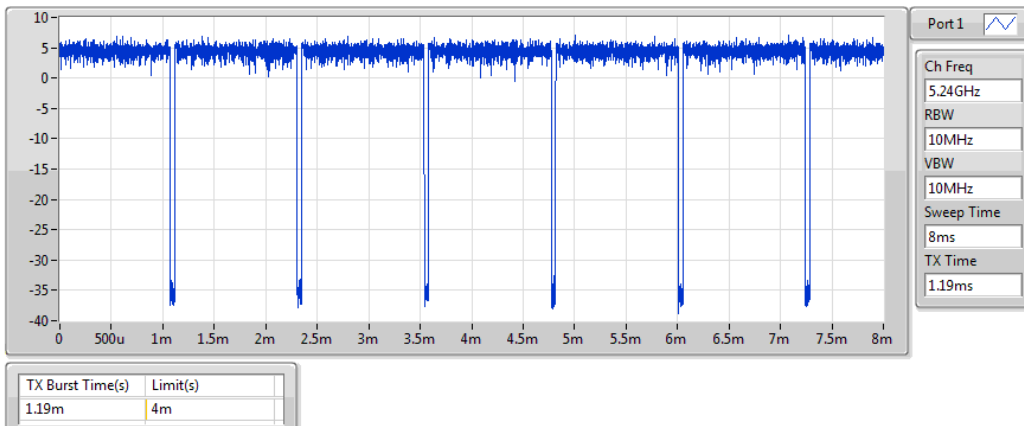
5240MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

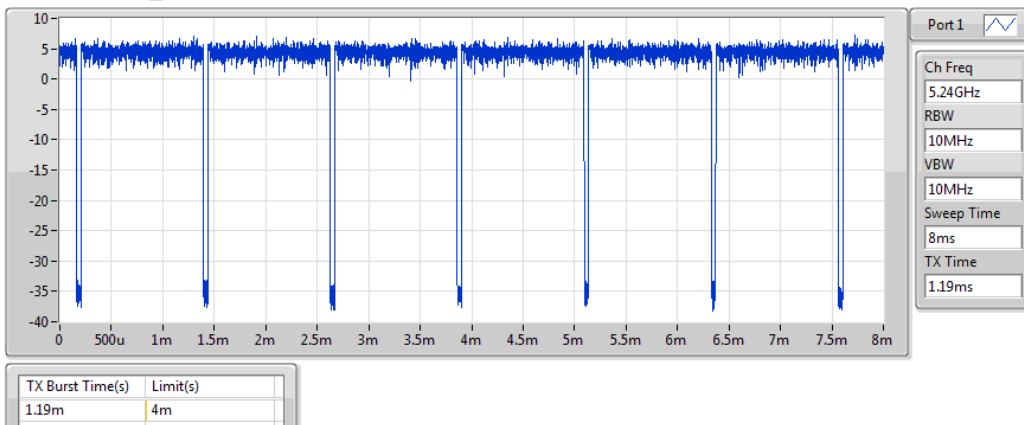
5240MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

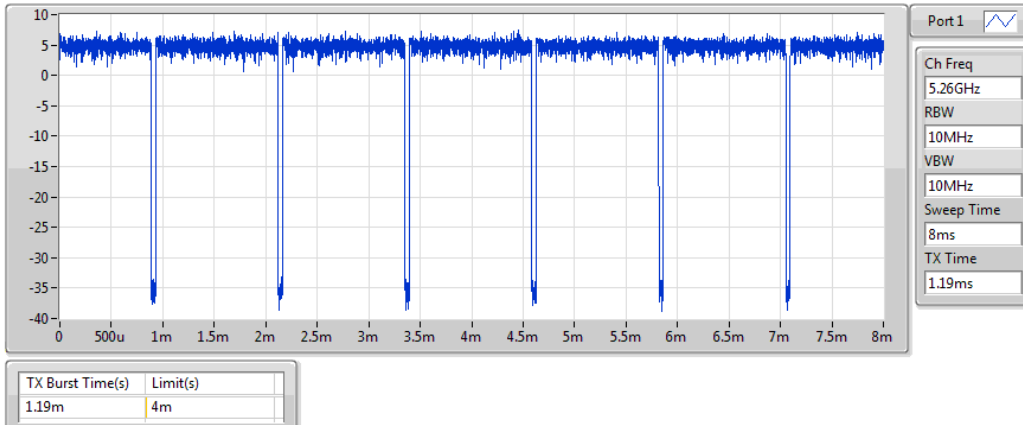
5240MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

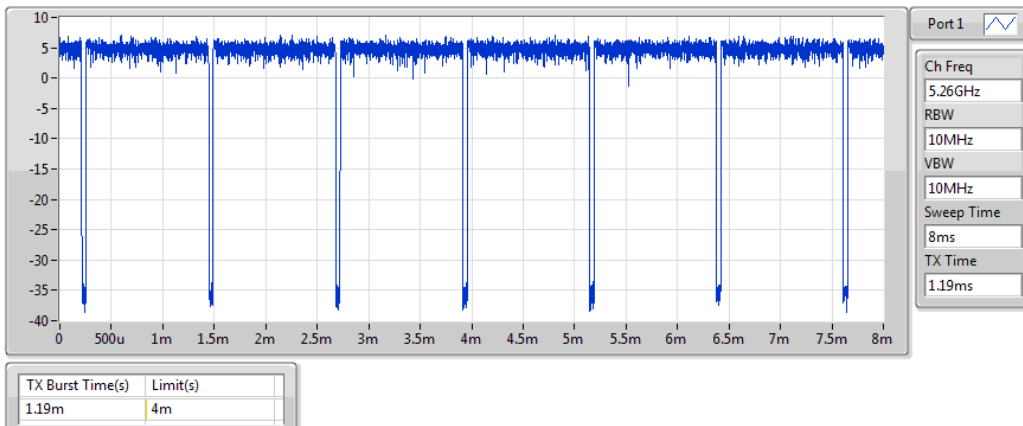
5260MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

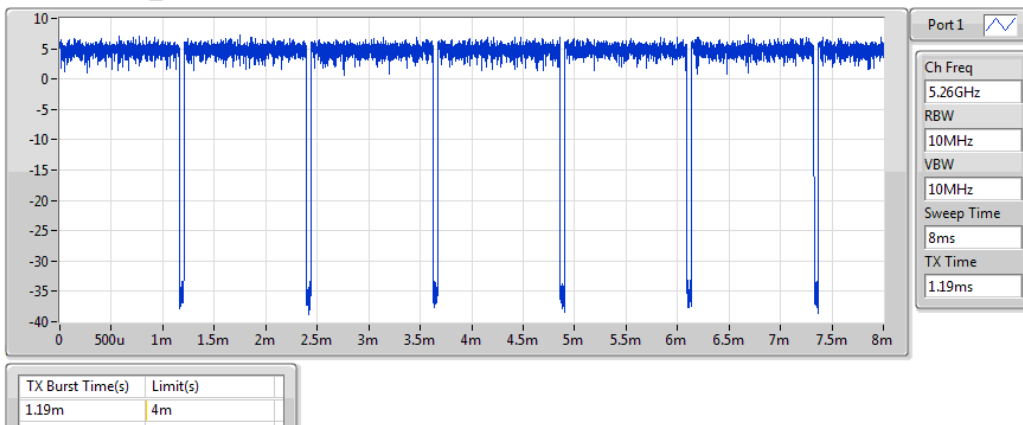
5260MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

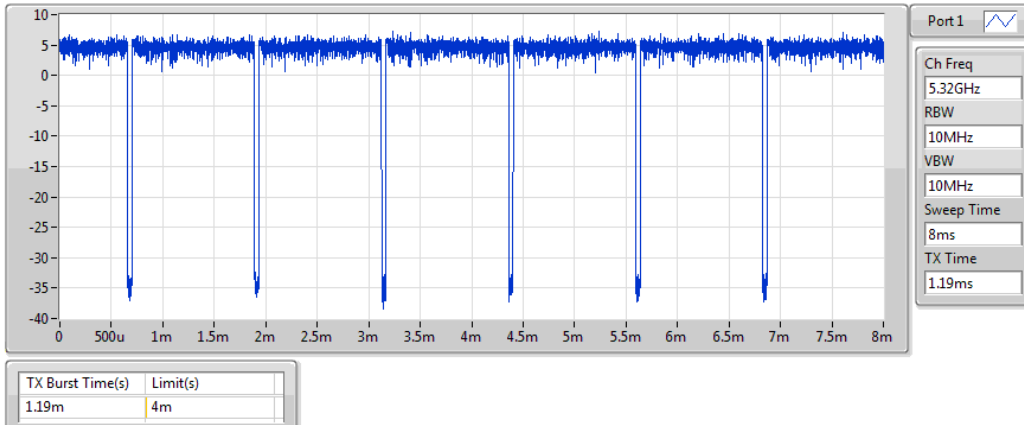
5260MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

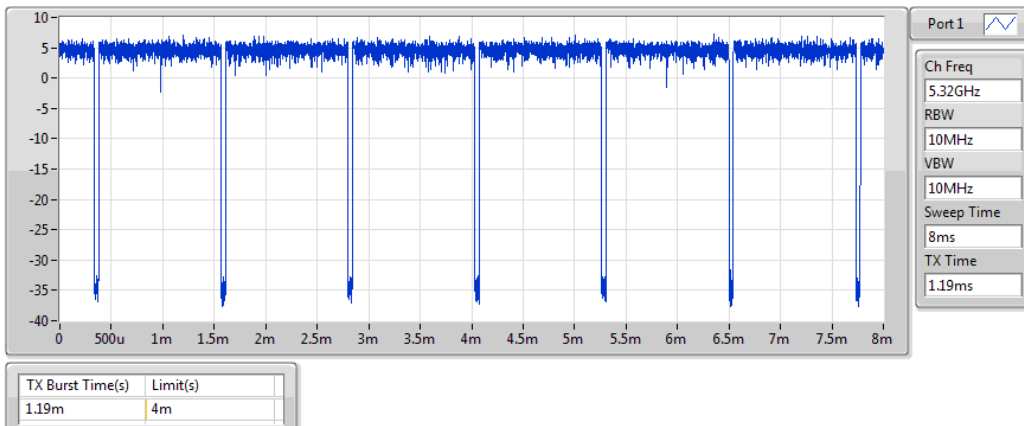
5320MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

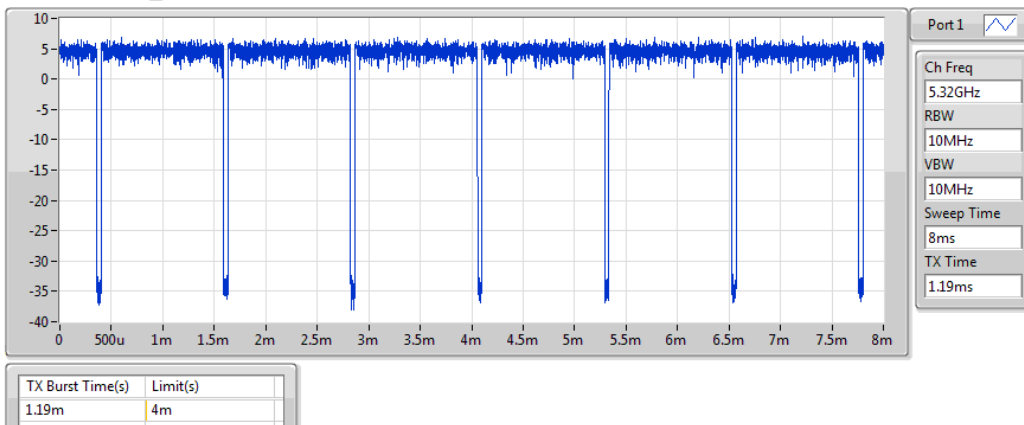
5320MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

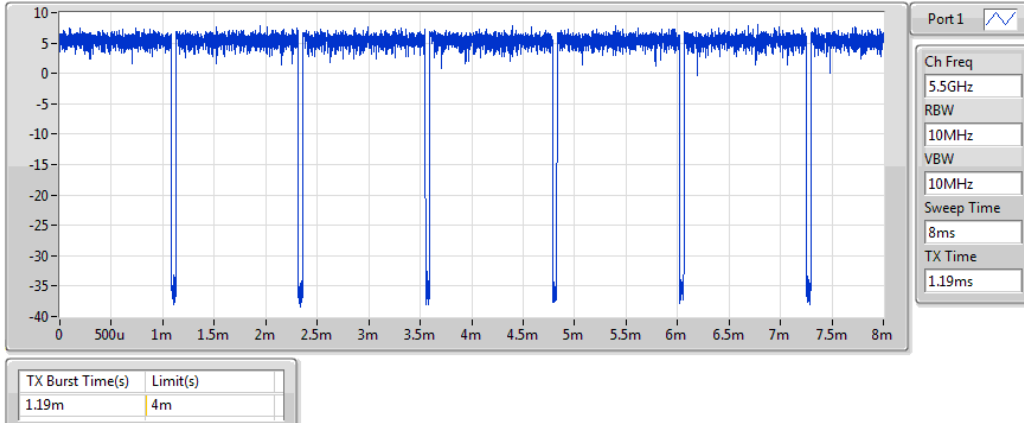
5320MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

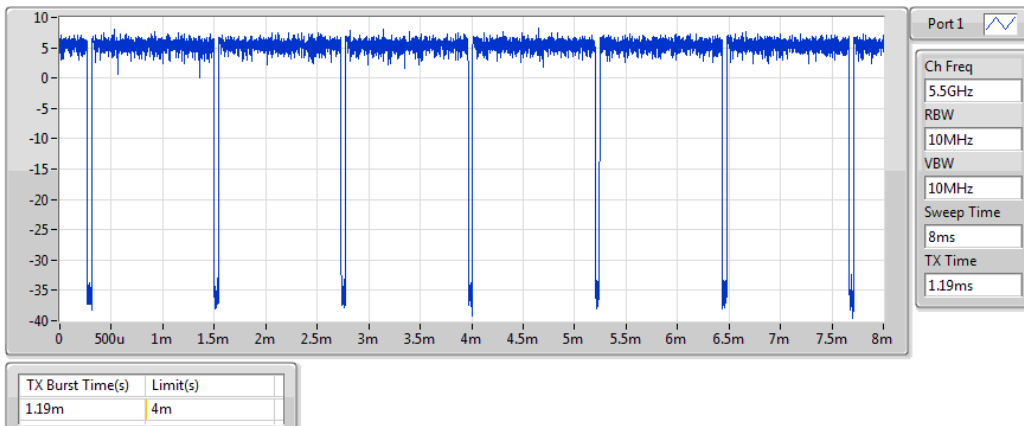
5500MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

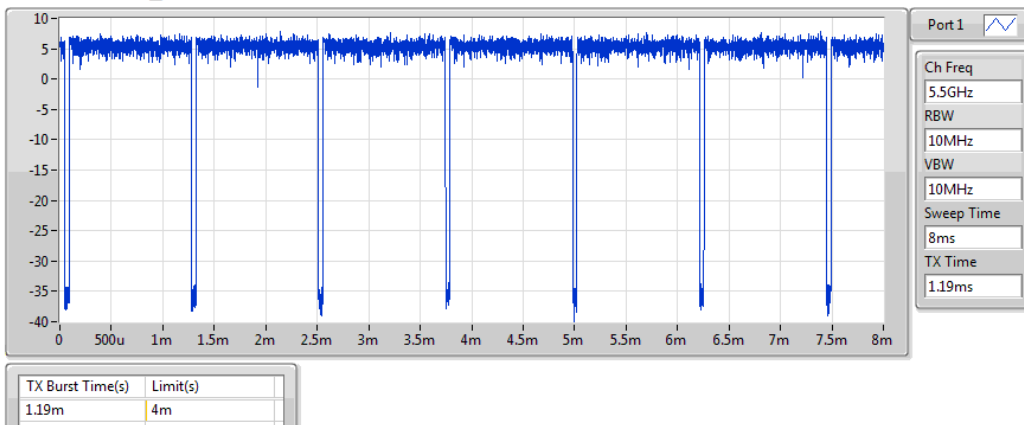
5500MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

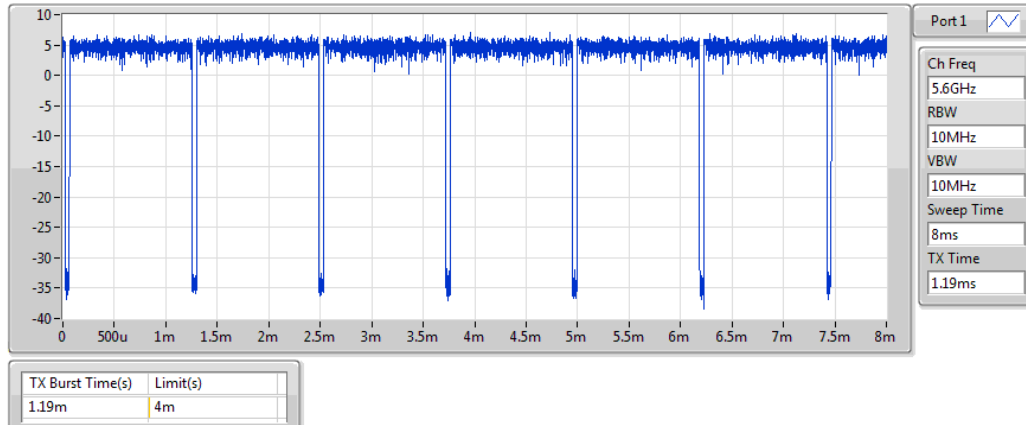
5500MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

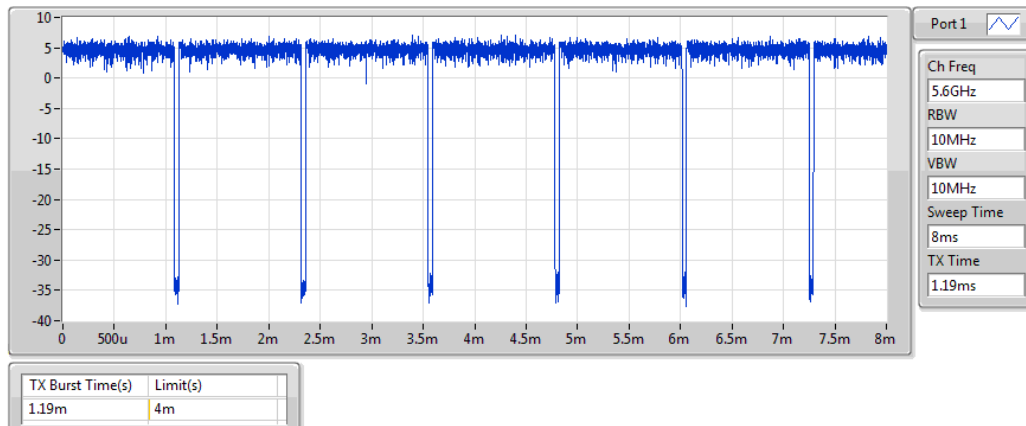
5600MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

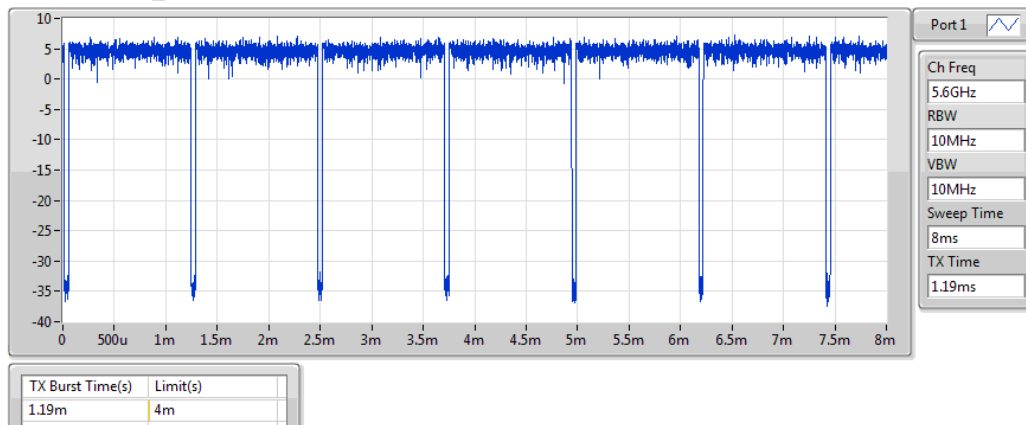
5600MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

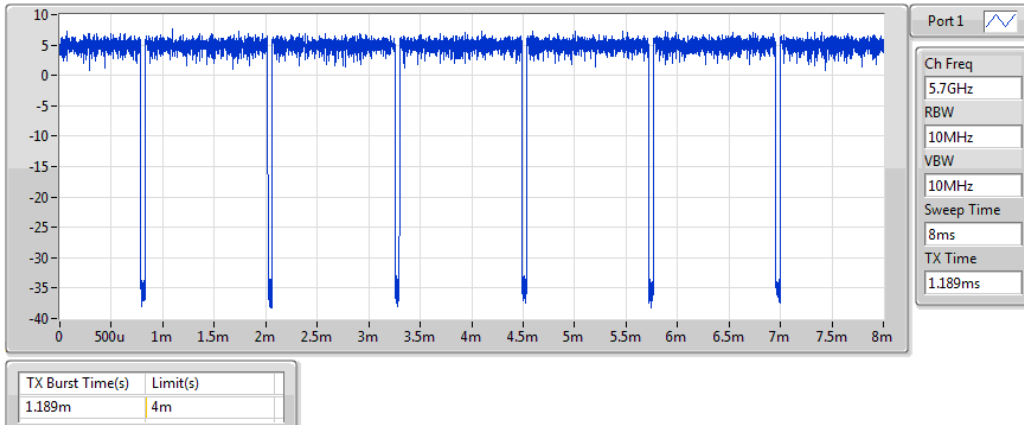
5600MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

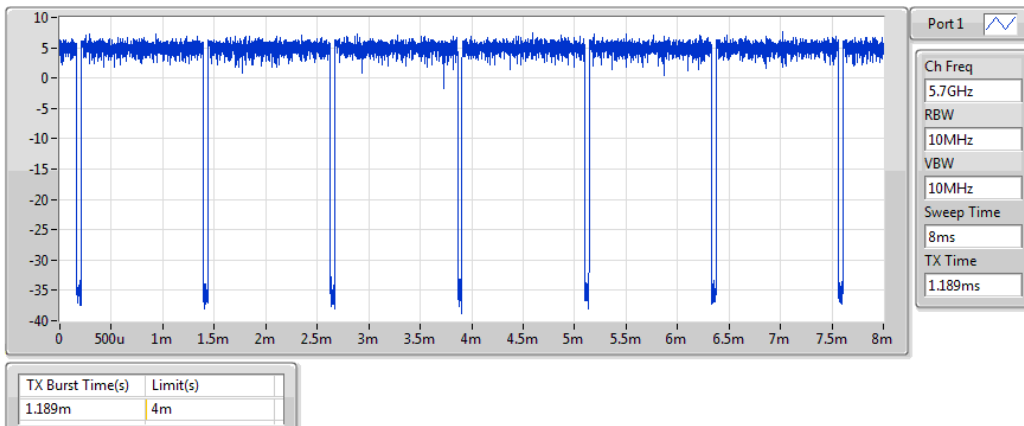
5700MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

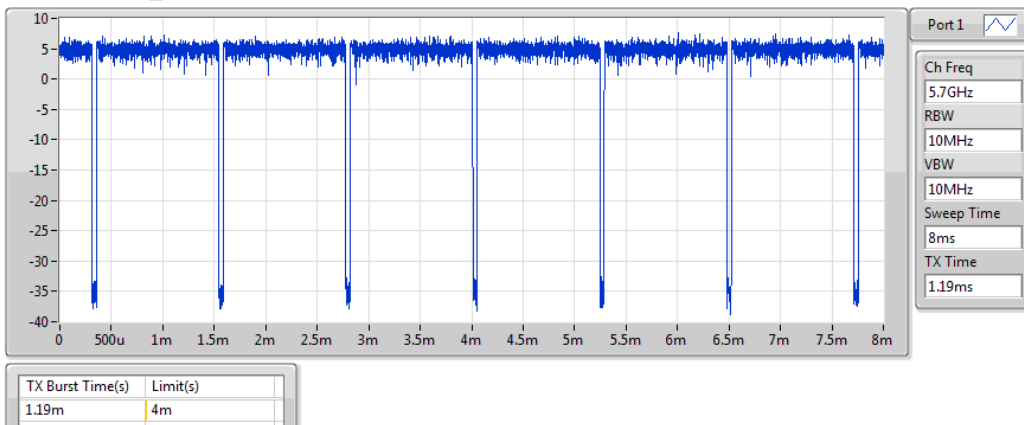
5700MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

TX Burst

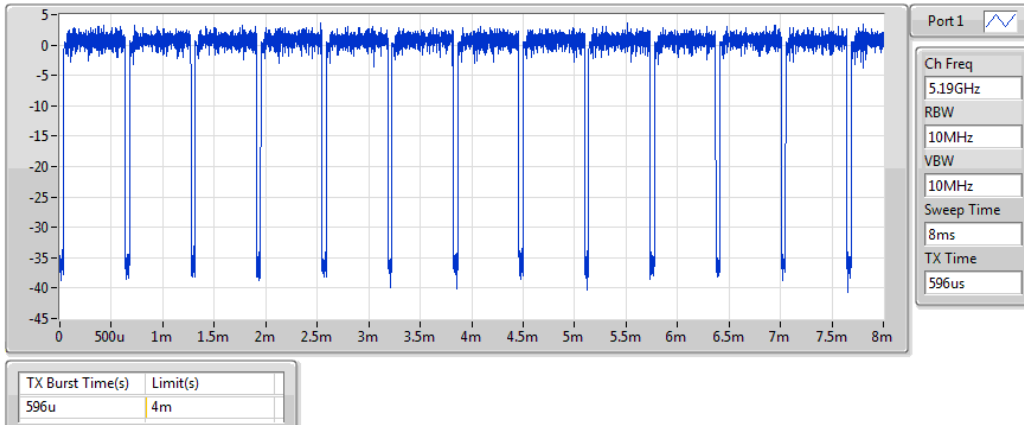
5700MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

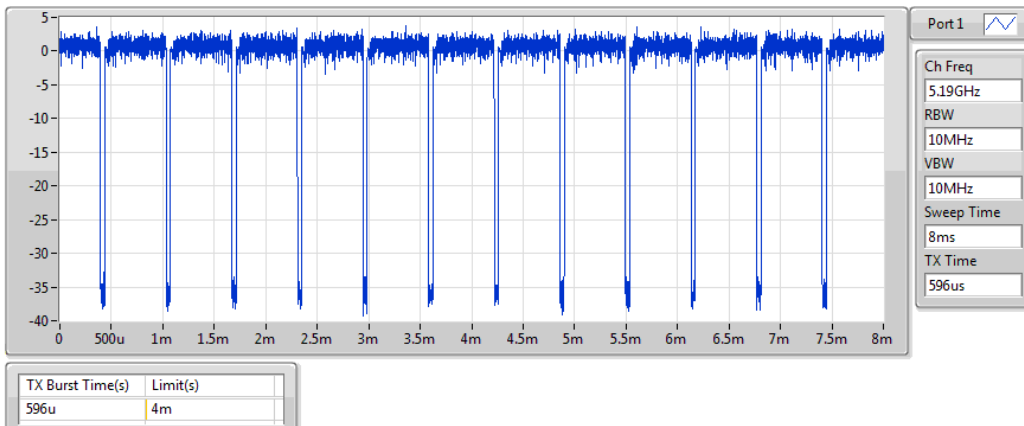
5190MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

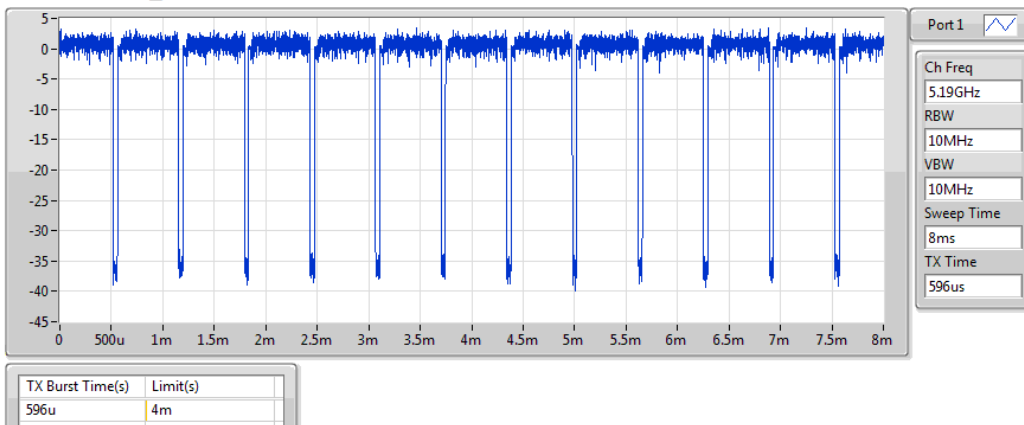
5190MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

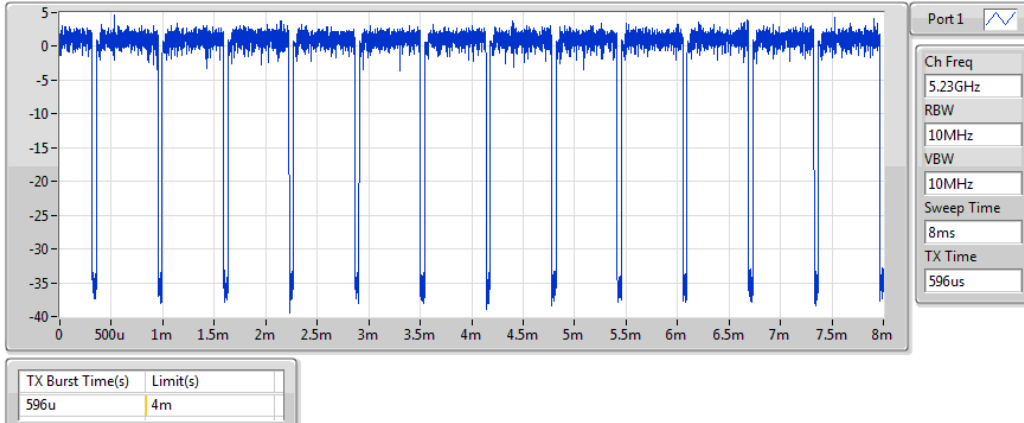
5190MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

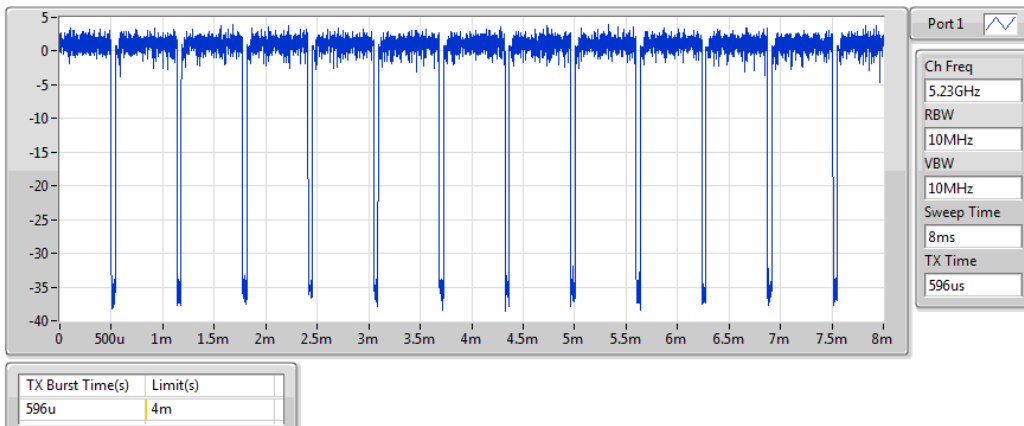
5230MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

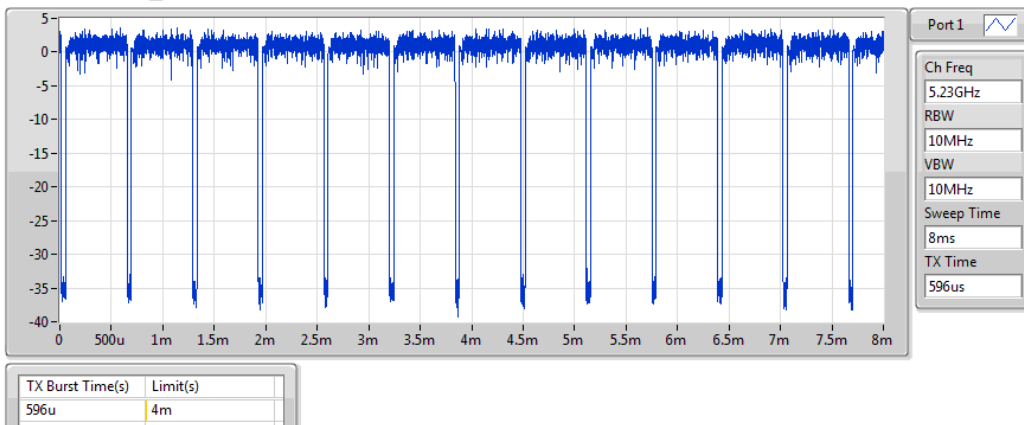
5230MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

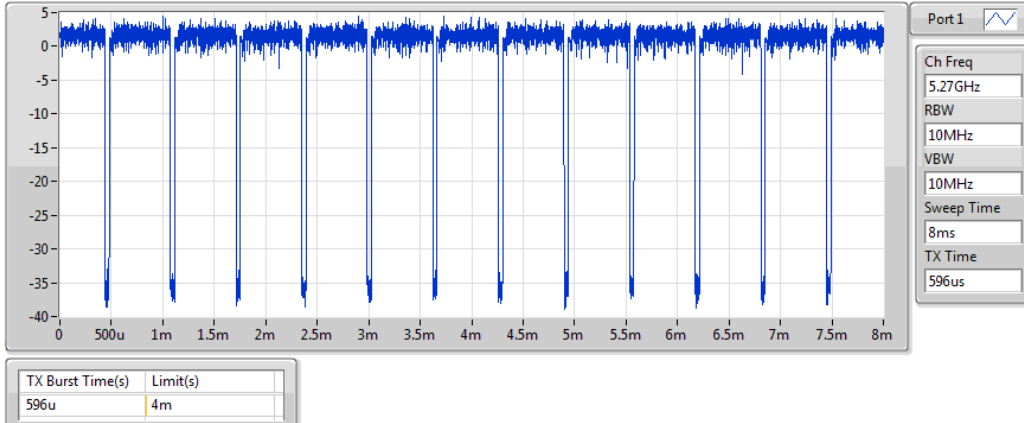
5230MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

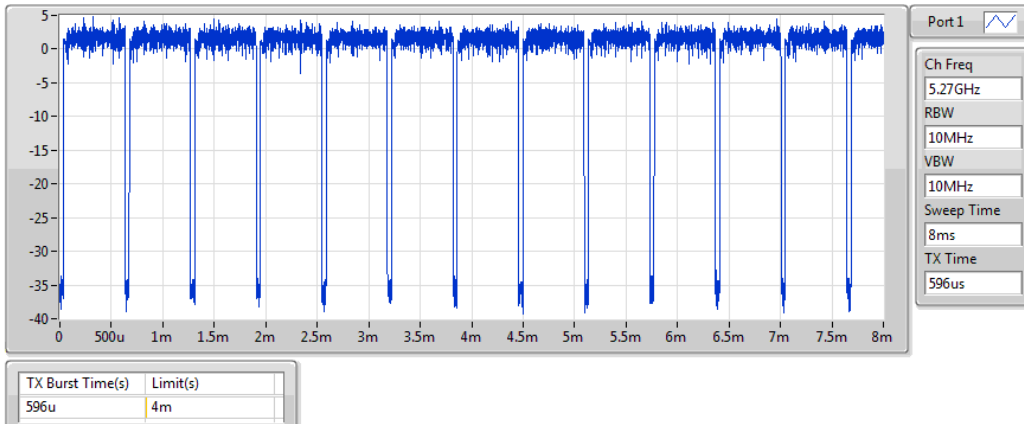
5270MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

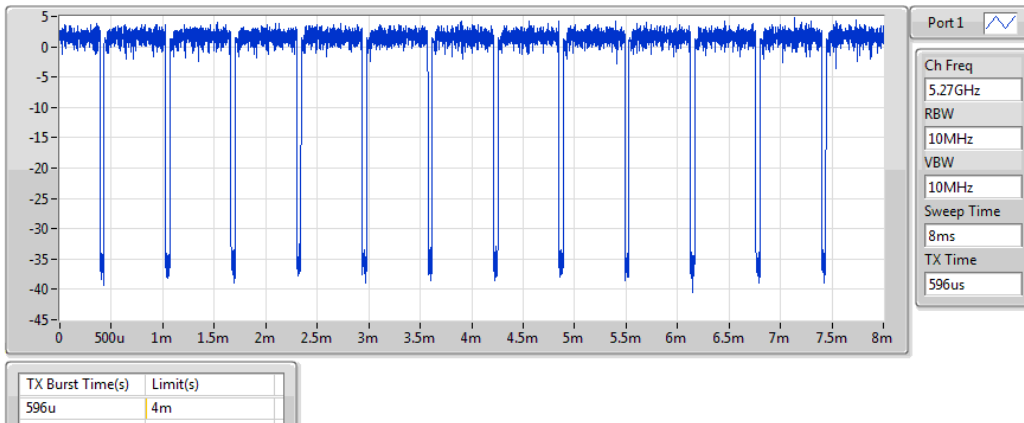
5270MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

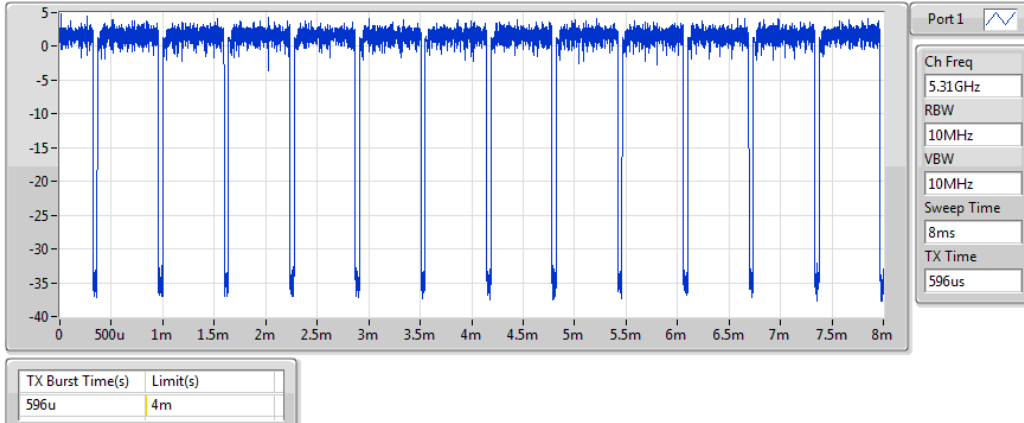
5270MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

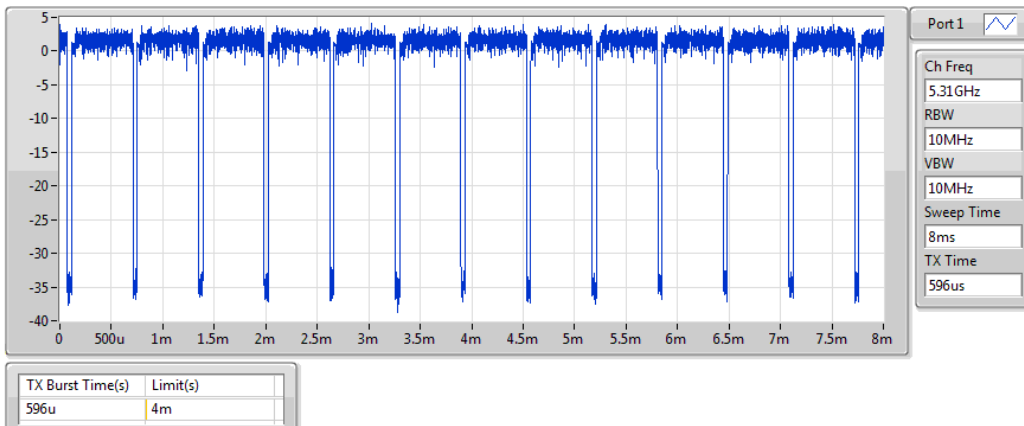
5310MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

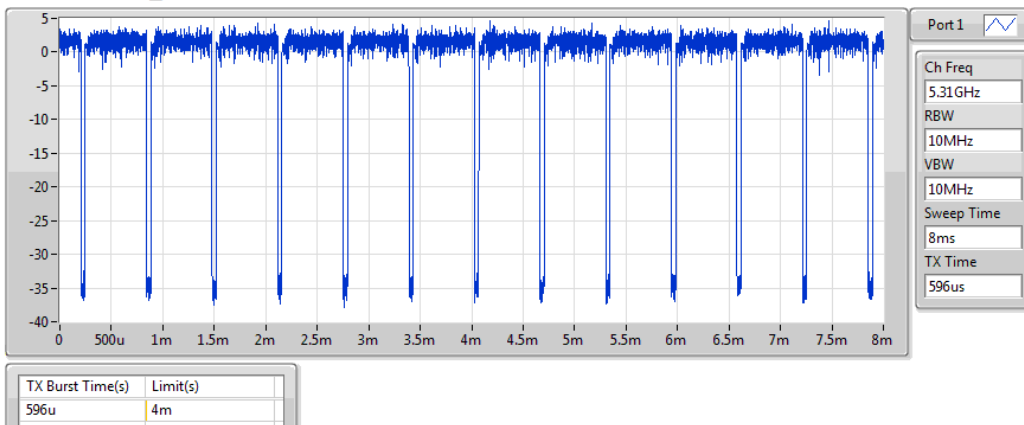
5310MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

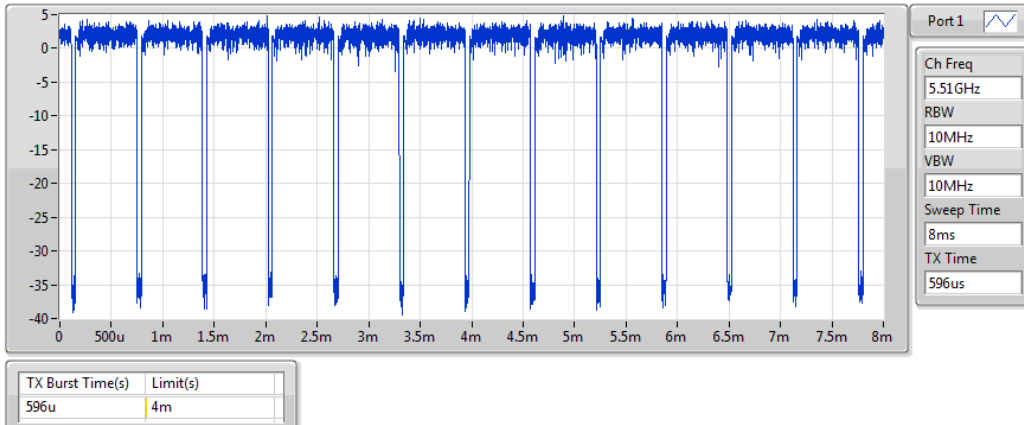
5310MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

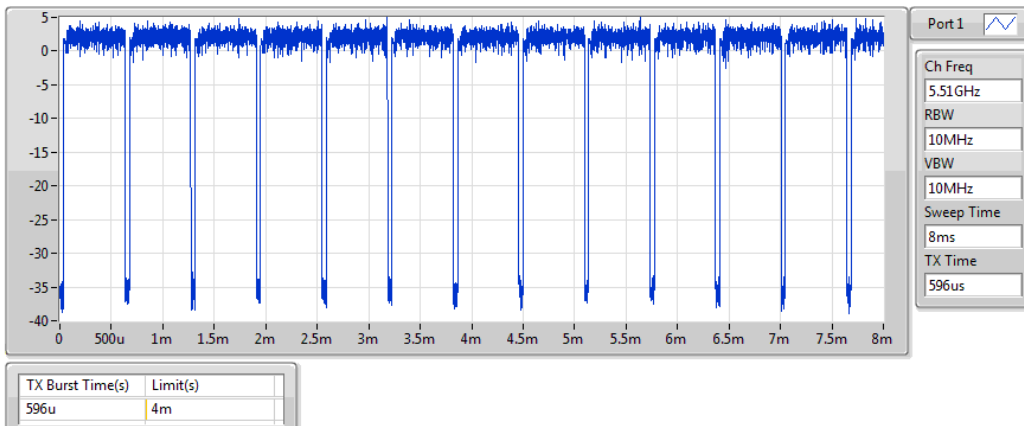
5510MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

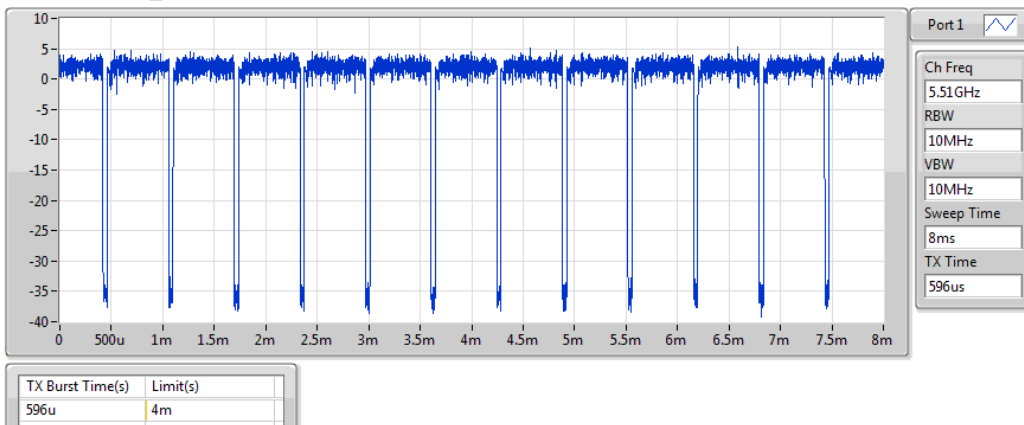
5510MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

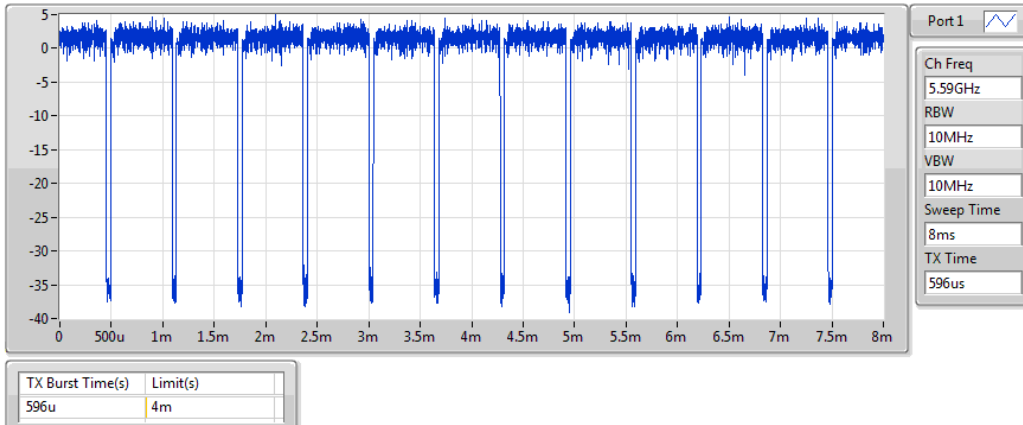
5510MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

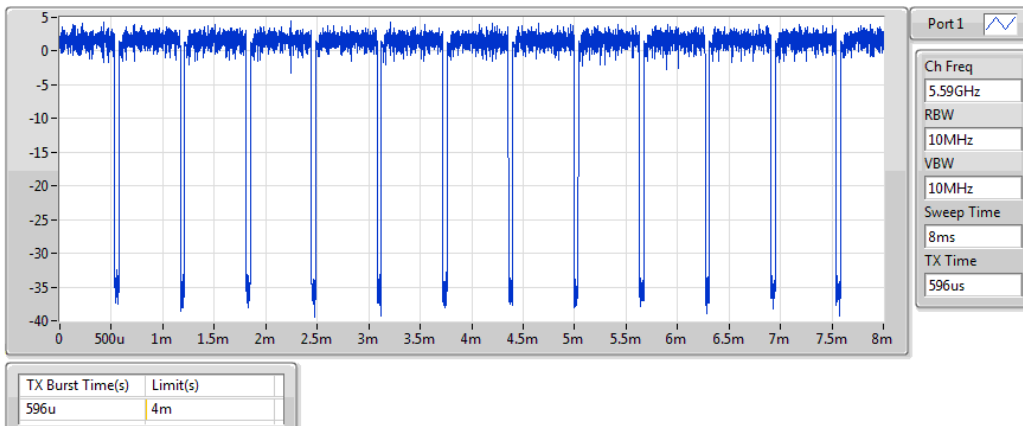
5590MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

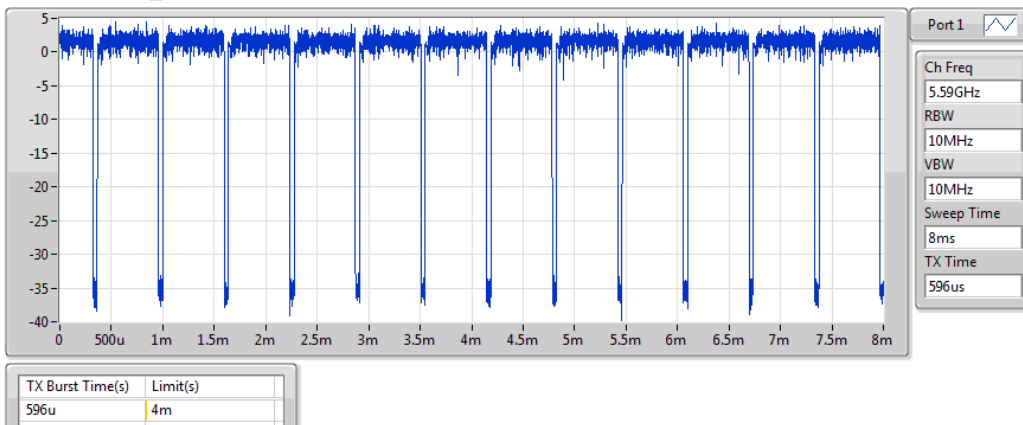
5590MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

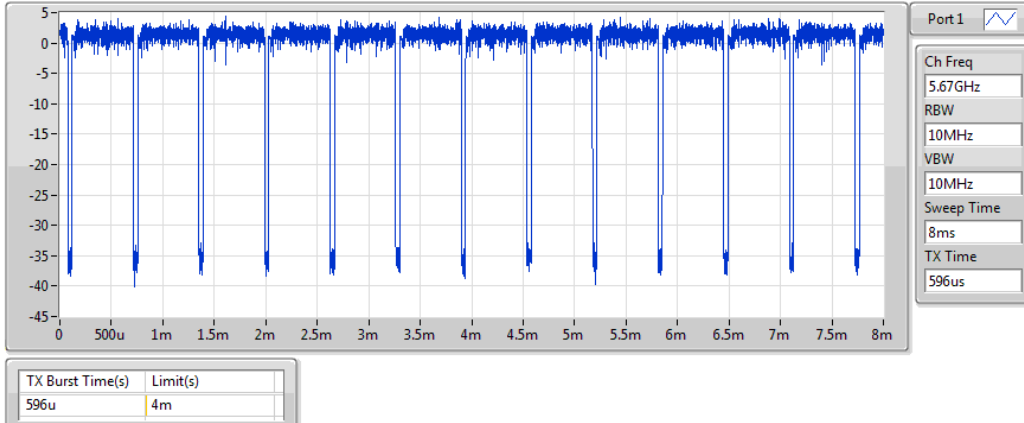
5590MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

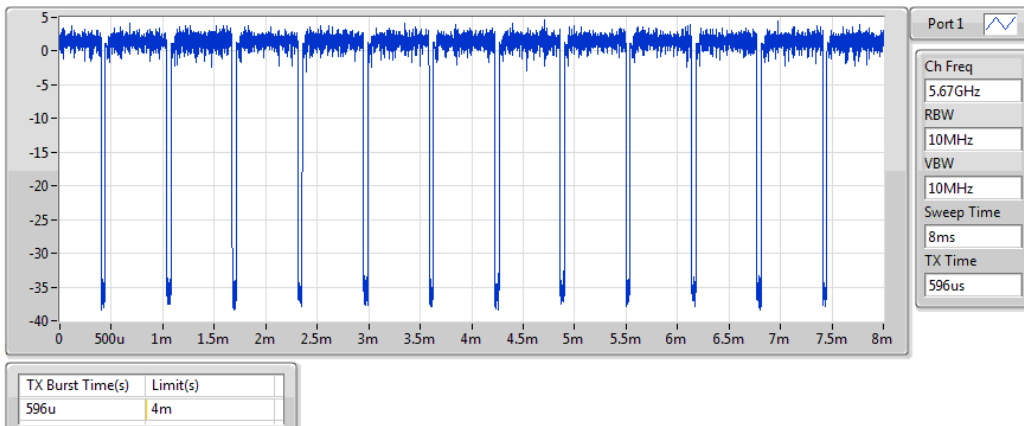
5670MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

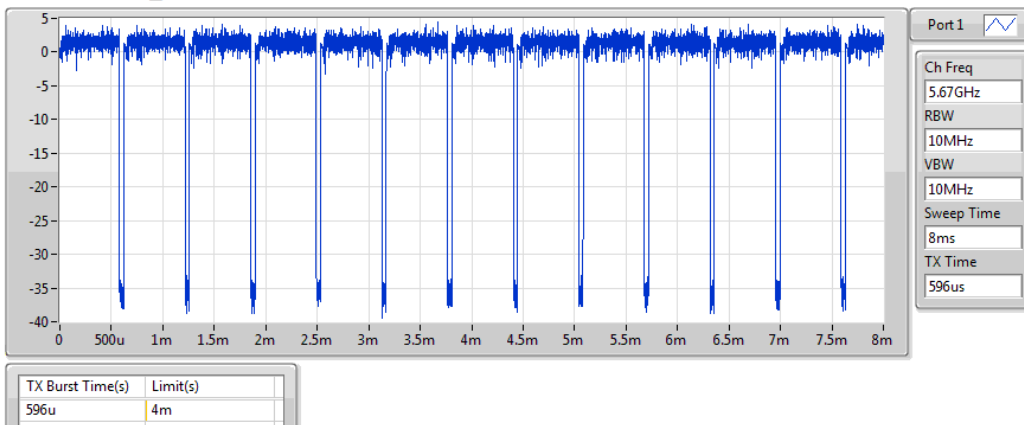
5670MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

TX Burst

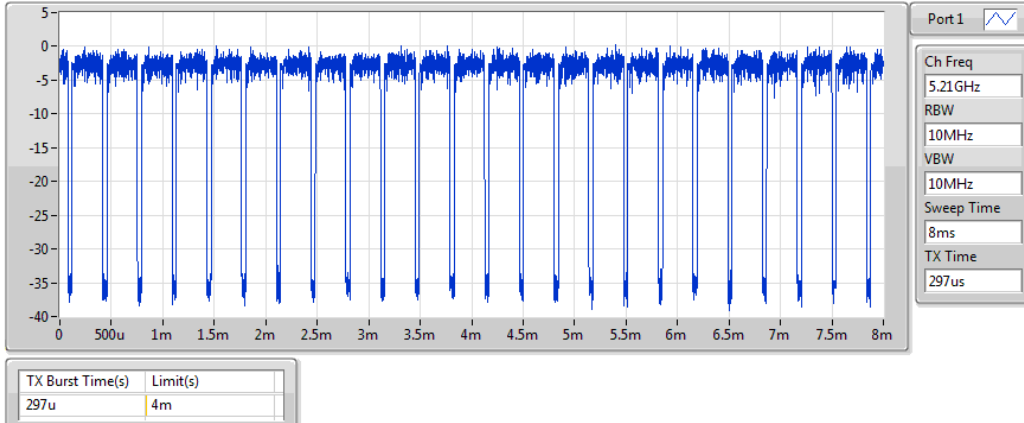
5670MHz_TnomVmax



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

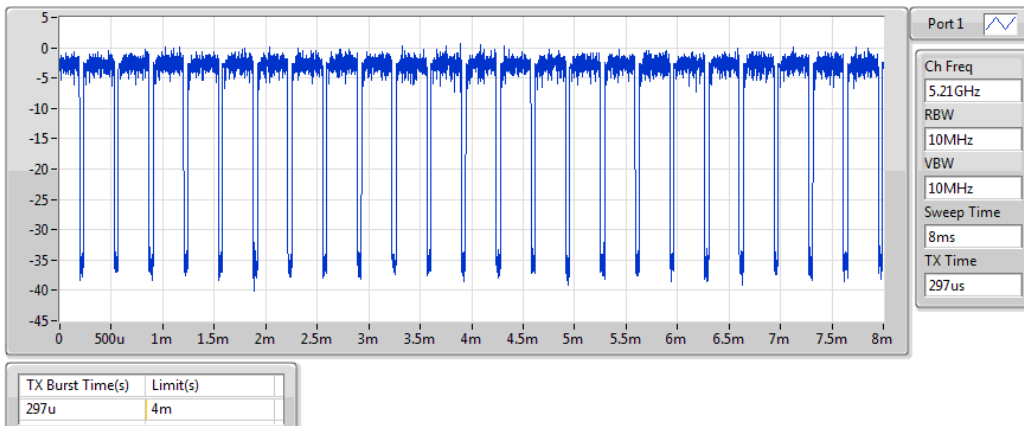
5210MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

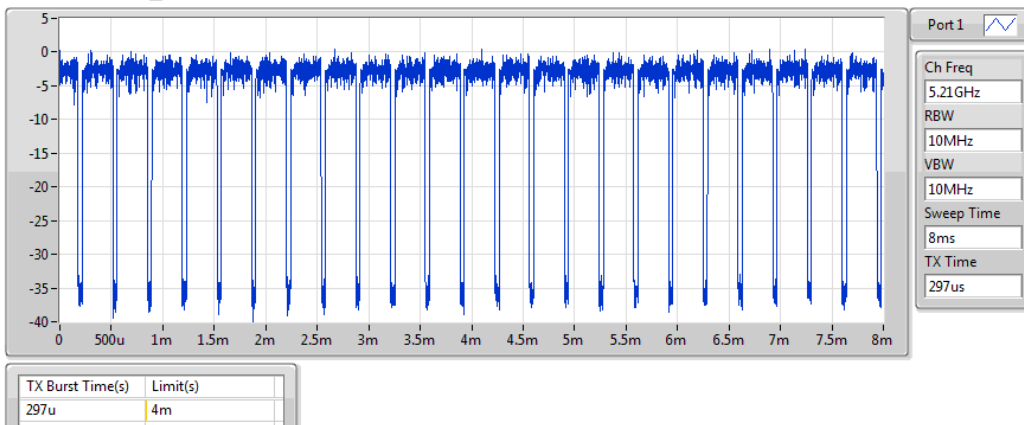
5210MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

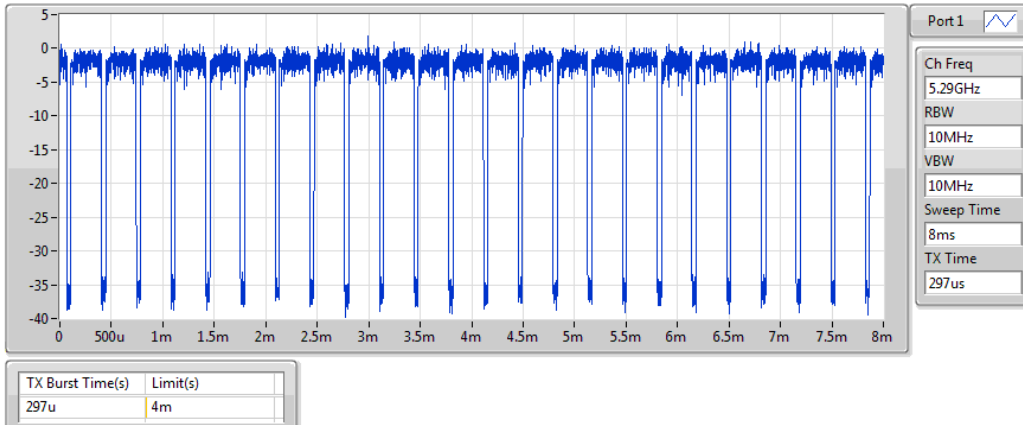
5210MHz_TnomVmax



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

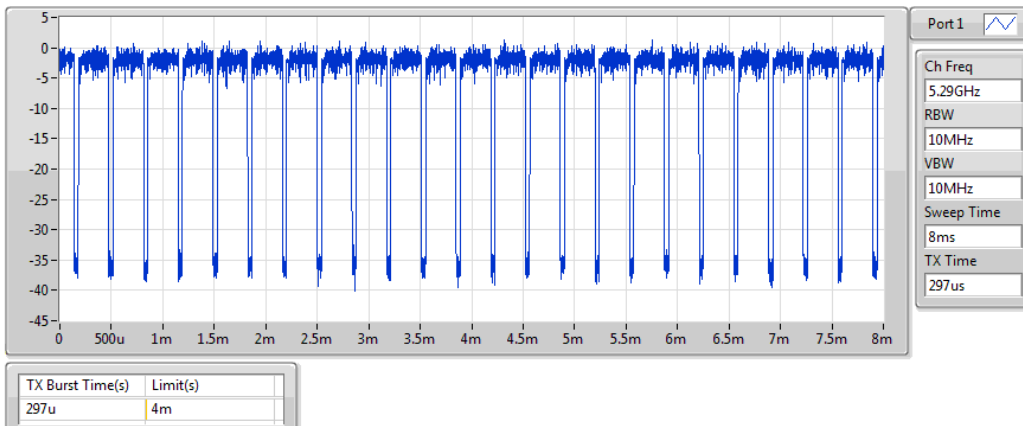
5290MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

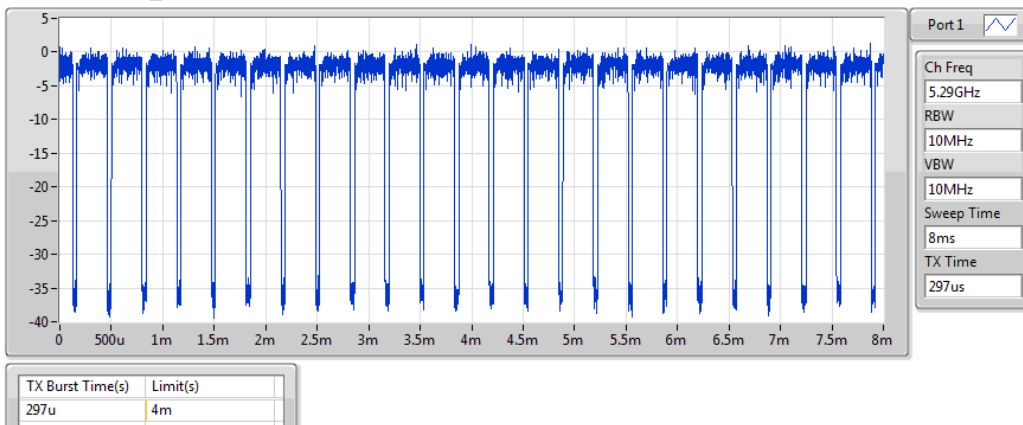
5290MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

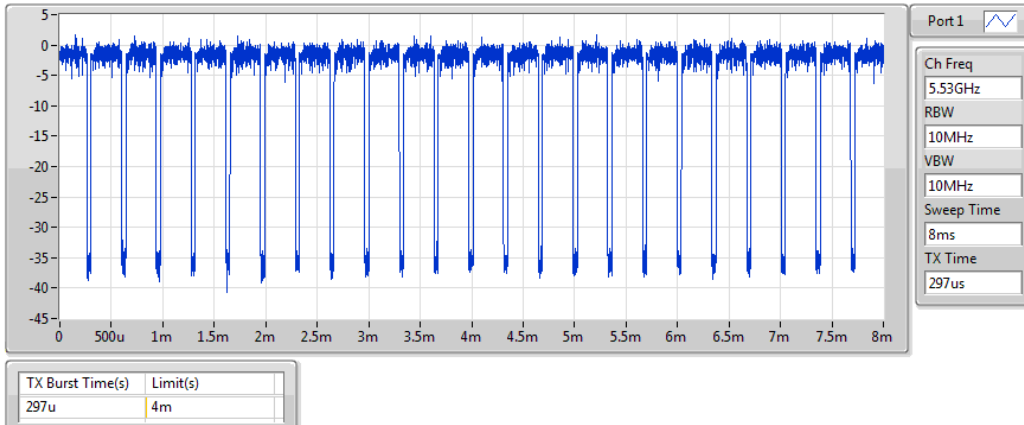
5290MHz_TnomVmax



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

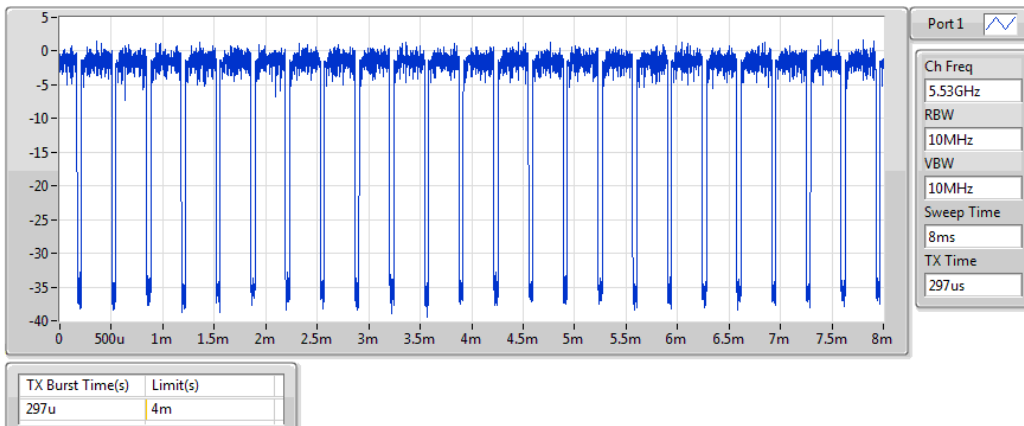
5530MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

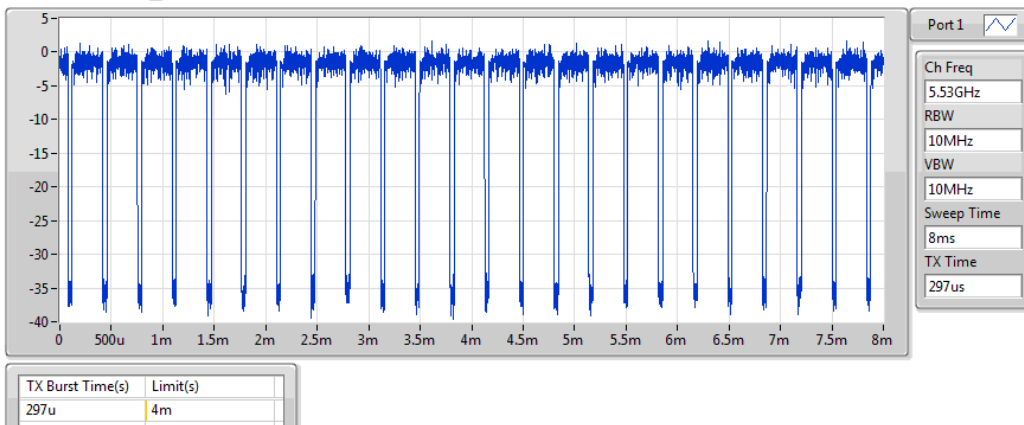
5530MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

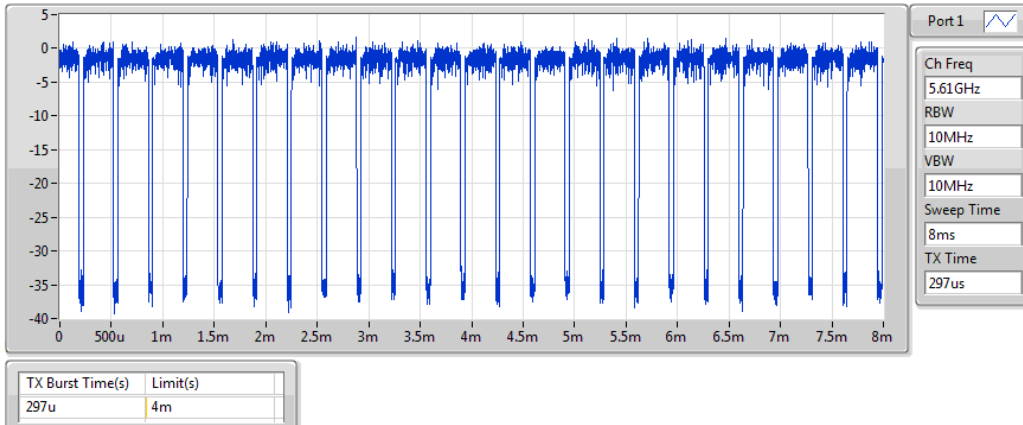
5530MHz_TnomVmax



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

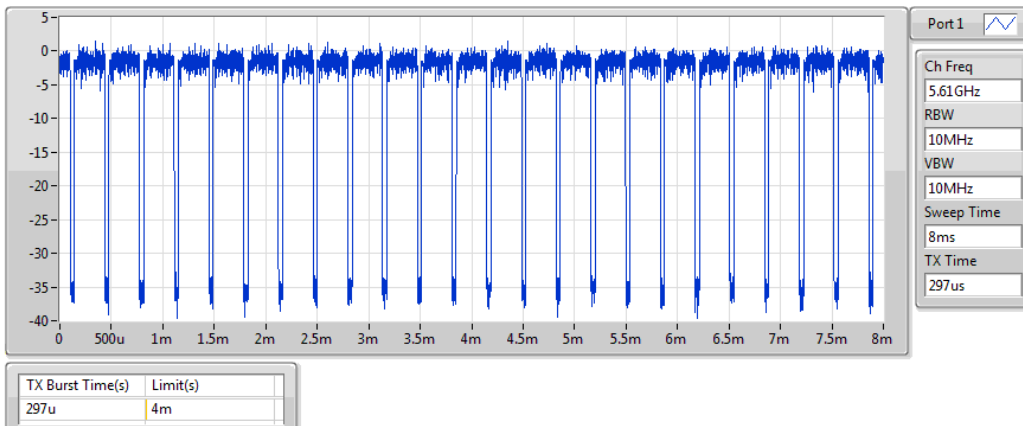
5610MHz_TnomVnom



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

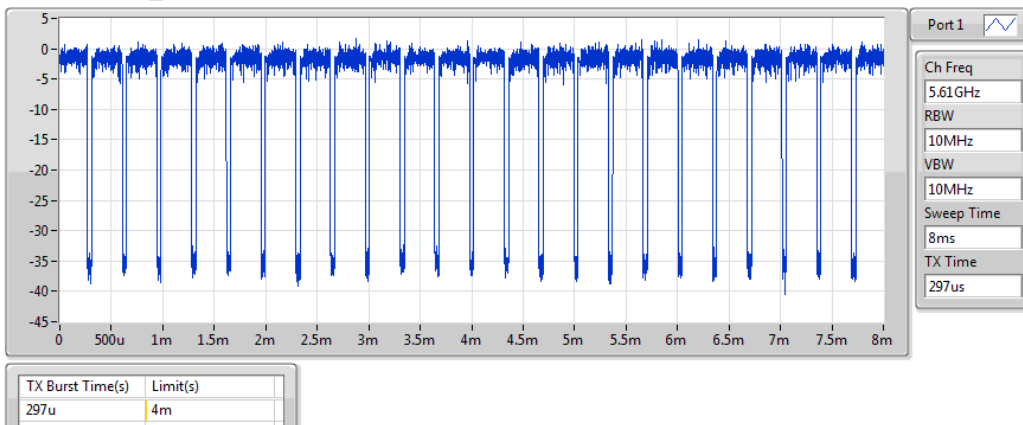
5610MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

TX Burst

5610MHz_TnomVmax



**Summary**

Mode	Result	Interference Pin (dBm)	Function
5.15-5.25GHz	-	-	-
802.11a_Nss1_1TX	Pass	-49.60	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	-49.60	Good
802.11n HT40_Nss1,(MCS0)_1TX	Pass	-49.58	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	-49.60	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-49.58	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-49.55	Good
5.25-5.35GHz	-	-	-
802.11a_Nss1_1TX	Pass	-49.73	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	-49.73	Good
802.11n HT40_Nss1,(MCS0)_1TX	Pass	-49.71	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	-49.73	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-49.71	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-49.68	Good
5.47-5.725GHz	-	-	-
802.11a_Nss1_1TX	Pass	-50.33	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	-50.33	Good
802.11n HT40_Nss1,(MCS0)_1TX	Pass	-50.28	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	-50.33	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	-50.28	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	-50.19	Good

**Result**

Mode	Result	Interference Pin (dBm)	Function
802.11a_Nss1_1TX	-	-	-
5180MHz_TnomVnom	Pass	-49.50	Good
5180MHz_TnomVmin	Pass	-49.50	Good
5180MHz_TnomVmax	Pass	-49.50	Good
5240MHz_TnomVnom	Pass	-49.60	Good
5240MHz_TnomVmin	Pass	-49.60	Good
5240MHz_TnomVmax	Pass	-49.60	Good
5260MHz_TnomVnom	Pass	-49.63	Good
5260MHz_TnomVmin	Pass	-49.63	Good
5260MHz_TnomVmax	Pass	-49.63	Good
5320MHz_TnomVnom	Pass	-49.73	Good
5320MHz_TnomVmin	Pass	-49.73	Good
5320MHz_TnomVmax	Pass	-49.73	Good
5500MHz_TnomVnom	Pass	-50.02	Good
5500MHz_TnomVmin	Pass	-50.02	Good
5500MHz_TnomVmax	Pass	-50.02	Good
5600MHz_TnomVnom	Pass	-50.17	Good
5600MHz_TnomVmin	Pass	-50.17	Good
5600MHz_TnomVmax	Pass	-50.17	Good
5700MHz_TnomVnom	Pass	-50.33	Good
5700MHz_TnomVmin	Pass	-50.33	Good
5700MHz_TnomVmax	Pass	-50.33	Good
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	-49.50	Good
5180MHz_TnomVmin	Pass	-49.50	Good
5180MHz_TnomVmax	Pass	-49.50	Good
5240MHz_TnomVnom	Pass	-49.60	Good
5240MHz_TnomVmin	Pass	-49.60	Good
5240MHz_TnomVmax	Pass	-49.60	Good
5260MHz_TnomVnom	Pass	-49.63	Good
5260MHz_TnomVmin	Pass	-49.63	Good
5260MHz_TnomVmax	Pass	-49.63	Good
5320MHz_TnomVnom	Pass	-49.73	Good
5320MHz_TnomVmin	Pass	-49.73	Good
5320MHz_TnomVmax	Pass	-49.73	Good
5500MHz_TnomVnom	Pass	-50.02	Good
5500MHz_TnomVmin	Pass	-50.02	Good
5500MHz_TnomVmax	Pass	-50.02	Good
5600MHz_TnomVnom	Pass	-50.17	Good
5600MHz_TnomVmin	Pass	-50.17	Good
5600MHz_TnomVmax	Pass	-50.17	Good



Carrier Sensing Function Result

Appendix H

Mode	Result	Interference Pin (dBm)	Function
5700MHz_TnomVnom	Pass	-50.33	Good
5700MHz_TnomVmin	Pass	-50.33	Good
5700MHz_TnomVmax	Pass	-50.33	Good
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	-49.51	Good
5190MHz_TnomVmin	Pass	-49.51	Good
5190MHz_TnomVmax	Pass	-49.51	Good
5230MHz_TnomVnom	Pass	-49.58	Good
5230MHz_TnomVmin	Pass	-49.58	Good
5230MHz_TnomVmax	Pass	-49.58	Good
5270MHz_TnomVnom	Pass	-49.65	Good
5270MHz_TnomVmin	Pass	-49.65	Good
5270MHz_TnomVmax	Pass	-49.65	Good
5310MHz_TnomVnom	Pass	-49.71	Good
5310MHz_TnomVmin	Pass	-49.71	Good
5310MHz_TnomVmax	Pass	-49.71	Good
5510MHz_TnomVnom	Pass	-50.03	Good
5510MHz_TnomVmin	Pass	-50.03	Good
5510MHz_TnomVmax	Pass	-50.03	Good
5590MHz_TnomVnom	Pass	-50.16	Good
5590MHz_TnomVmin	Pass	-50.16	Good
5590MHz_TnomVmax	Pass	-50.16	Good
5670MHz_TnomVnom	Pass	-50.28	Good
5670MHz_TnomVmin	Pass	-50.28	Good
5670MHz_TnomVmax	Pass	-50.28	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	-49.50	Good
5180MHz_TnomVmin	Pass	-49.50	Good
5180MHz_TnomVmax	Pass	-49.50	Good
5240MHz_TnomVnom	Pass	-49.60	Good
5240MHz_TnomVmin	Pass	-49.60	Good
5240MHz_TnomVmax	Pass	-49.60	Good
5260MHz_TnomVnom	Pass	-49.63	Good
5260MHz_TnomVmin	Pass	-49.63	Good
5260MHz_TnomVmax	Pass	-49.63	Good
5320MHz_TnomVnom	Pass	-49.73	Good
5320MHz_TnomVmin	Pass	-49.73	Good
5320MHz_TnomVmax	Pass	-49.73	Good
5500MHz_TnomVnom	Pass	-50.02	Good
5500MHz_TnomVmin	Pass	-50.02	Good
5500MHz_TnomVmax	Pass	-50.02	Good



Carrier Sensing Function Result

Appendix H

Mode	Result	Interference Pin (dBm)	Function
5600MHz_TnomVnom	Pass	-50.17	Good
5600MHz_TnomVmin	Pass	-50.17	Good
5600MHz_TnomVmax	Pass	-50.17	Good
5700MHz_TnomVnom	Pass	-50.33	Good
5700MHz_TnomVmin	Pass	-50.33	Good
5700MHz_TnomVmax	Pass	-50.33	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-
5190MHz_TnomVnom	Pass	-49.51	Good
5190MHz_TnomVmin	Pass	-49.51	Good
5190MHz_TnomVmax	Pass	-49.51	Good
5230MHz_TnomVnom	Pass	-49.58	Good
5230MHz_TnomVmin	Pass	-49.58	Good
5230MHz_TnomVmax	Pass	-49.58	Good
5270MHz_TnomVnom	Pass	-49.65	Good
5270MHz_TnomVmin	Pass	-49.65	Good
5270MHz_TnomVmax	Pass	-49.65	Good
5310MHz_TnomVnom	Pass	-49.71	Good
5310MHz_TnomVmin	Pass	-49.71	Good
5310MHz_TnomVmax	Pass	-49.71	Good
5510MHz_TnomVnom	Pass	-50.03	Good
5510MHz_TnomVmin	Pass	-50.03	Good
5510MHz_TnomVmax	Pass	-50.03	Good
5590MHz_TnomVnom	Pass	-50.16	Good
5590MHz_TnomVmin	Pass	-50.16	Good
5590MHz_TnomVmax	Pass	-50.16	Good
5670MHz_TnomVnom	Pass	-50.28	Good
5670MHz_TnomVmin	Pass	-50.28	Good
5670MHz_TnomVmax	Pass	-50.28	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-
5210MHz_TnomVnom	Pass	-49.55	Good
5210MHz_TnomVmin	Pass	-49.55	Good
5210MHz_TnomVmax	Pass	-49.55	Good
5290MHz_TnomVnom	Pass	-49.68	Good
5290MHz_TnomVmin	Pass	-49.68	Good
5290MHz_TnomVmax	Pass	-49.68	Good
5530MHz_TnomVnom	Pass	-50.06	Good
5530MHz_TnomVmin	Pass	-50.06	Good
5530MHz_TnomVmax	Pass	-50.06	Good
5610MHz_TnomVnom	Pass	-50.19	Good
5610MHz_TnomVmin	Pass	-50.19	Good
5610MHz_TnomVmax	Pass	-50.19	Good



**Summary**

Mode	Result	ID Length	ID Limit	Function
5.15-5.25GHz	-	-	-	-
802.11a_Nss1_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11n HT40_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5.25-5.35GHz	-	-	-	-
802.11a_Nss1_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11n HT40_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5.47-5.725GHz	-	-	-	-
802.11a_Nss1_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11n HT40_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	F0:AB:54:1F:23:C9	19 bits	Good

**Result**

Mode	Result	ID Length	ID Limit	Function
802.11a_Nss1_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5180MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5180MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5600MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5600MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5600MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5700MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5700MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5700MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5180MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5180MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5600MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5600MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5600MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good



Interference Prevention Function Result

Appendix I

Mode	Result	ID Length	ID Limit	Function
5700MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5700MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5700MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5190MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5190MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5230MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5230MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5230MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5270MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5270MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5270MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5310MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5310MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5310MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5510MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5510MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5510MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5590MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5590MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5590MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5670MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5670MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5670MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5180MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5180MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5240MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5260MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5320MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5500MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good



Interference Prevention Function Result

Appendix I

Mode	Result	ID Length	ID Limit	Function
5600MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5600MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5600MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5700MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5700MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5700MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5190MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5190MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5230MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5230MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5230MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5270MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5270MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5270MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5310MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5310MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5310MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5510MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5510MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5510MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5590MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5590MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5590MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5670MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5670MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5670MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5210MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5210MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5290MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5290MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5290MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5530MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5530MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5530MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5610MHz_TnomVnom	Pass	F0:AB:54:1F:23:C9	19 bits	Good
5610MHz_TnomVmin	Pass	F0:AB:54:1F:23:C9	19 bits	Good



Interference Prevention Function Result

Appendix I

Mode	Result	ID Length	ID Limit	Function
5610MHz_TnomVmax	Pass	F0:AB:54:1F:23:C9	19 bits	Good



CSE-RX Secondary Radiated Emissions Result

Appendix J

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	1G	26G	1M	25553.125	-61.70	0.67608	-46.99	20	-14.71	-61.70	0.67608
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25515.625	-61.65	0.68391	-46.99	20	-14.66	-61.65	0.68391
802.11n HT40_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25443.75	-61.67	0.68077	-46.99	20	-14.68	-61.67	0.68077
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25500	-61.72	0.67298	-46.99	20	-14.73	-61.72	0.67298
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25531.25	-61.60	0.69183	-46.99	20	-14.61	-61.60	0.69183
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25468.75	-61.83	0.65615	-46.99	20	-14.84	-61.83	0.65615
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	1G	26G	1M	25515.625	-61.53	0.70307	-46.99	20	-14.54	-61.53	0.70307
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25490.625	-61.71	0.67453	-46.99	20	-14.72	-61.71	0.67453
802.11n HT40_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25503.125	-61.70	0.67608	-46.99	20	-14.71	-61.70	0.67608
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25518.75	-61.60	0.69183	-46.99	20	-14.61	-61.60	0.69183
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25506.25	-61.51	0.70632	-46.99	20	-14.52	-61.51	0.70632
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25493.75	-61.59	0.69343	-46.99	20	-14.60	-61.59	0.69343
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	1G	26G	1M	25490.625	-61.37	0.72946	-46.99	20	-14.38	-61.37	0.72946
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25518.75	-61.32	0.7379	-46.99	20	-14.33	-61.32	0.7379
802.11n HT40_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25484.375	-61.18	0.76208	-46.99	20	-14.19	-61.18	0.76208
802.11ac VHT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25478.125	-61.62	0.68865	-46.99	20	-14.63	-61.62	0.68865
802.11ac VHT40_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25503.125	-61.71	0.67453	-46.99	20	-14.72	-61.71	0.67453
802.11ac VHT80_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25478.125	-61.74	0.66988	-46.99	20	-14.75	-61.74	0.66988



CSE-RX Secondary Radiated Emissions Result

Appendix J

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	1G	100k	990.421	-90.99	0.0008	-53.98	4	-37.01	-90.99	0.0008
5180MHz_TnomVnom	Pass	1G	26G	1M	3453.125	-62.80	0.52481	-46.99	20	-15.81	-62.80	0.52481
5180MHz_TnomVnom	Pass	1G	26G	1M	25553.125	-61.70	0.67608	-46.99	20	-14.71	-61.70	0.67608
5180MHz_TnomVmin	Pass	30M	1G	100k	957.926	-90.23	0.00095	-53.98	4	-36.25	-90.23	0.00095
5180MHz_TnomVmin	Pass	1G	26G	1M	3453.125	-62.76	0.52966	-46.99	20	-15.77	-62.76	0.52966
5180MHz_TnomVmin	Pass	1G	26G	1M	25515.625	-62.09	0.61802	-46.99	20	-15.10	-62.09	0.61802
5180MHz_TnomVmax	Pass	30M	1G	100k	853.53	-91.07	0.00078	-53.98	4	-37.09	-91.07	0.00078
5180MHz_TnomVmax	Pass	1G	26G	1M	3453.125	-62.75	0.53088	-46.99	20	-15.76	-62.75	0.53088
5180MHz_TnomVmax	Pass	1G	26G	1M	25471.875	-61.85	0.65313	-46.99	20	-14.86	-61.85	0.65313
5240MHz_TnomVnom	Pass	30M	1G	100k	953.925	-89.91	0.00102	-53.98	4	-35.93	-89.91	0.00102
5240MHz_TnomVnom	Pass	1G	26G	1M	3493.75	-65.56	0.27797	-46.99	20	-18.57	-65.56	0.27797
5240MHz_TnomVnom	Pass	1G	26G	1M	25509.375	-62.01	0.62951	-46.99	20	-15.02	-62.01	0.62951
5240MHz_TnomVmin	Pass	30M	1G	100k	987.633	-90.40	0.00091	-53.98	4	-36.42	-90.40	0.00091
5240MHz_TnomVmin	Pass	1G	26G	1M	3493.75	-65.78	0.26424	-46.99	20	-18.79	-65.78	0.26424
5240MHz_TnomVmin	Pass	1G	26G	1M	25493.75	-61.70	0.67608	-46.99	20	-14.71	-61.70	0.67608
5240MHz_TnomVmax	Pass	30M	1G	100k	956.471	-91.13	0.00077	-53.98	4	-37.15	-91.13	0.00077
5240MHz_TnomVmax	Pass	1G	26G	1M	3493.75	-65.73	0.2673	-46.99	20	-18.74	-65.73	0.2673
5240MHz_TnomVmax	Pass	1G	26G	1M	25481.25	-61.92	0.64269	-46.99	20	-14.93	-61.92	0.64269
5260MHz_TnomVnom	Pass	30M	1G	100k	875.234	-90.92	0.00081	-53.98	4	-36.94	-90.92	0.00081
5260MHz_TnomVnom	Pass	1G	26G	1M	3506.25	-62.23	0.59841	-46.99	20	-15.24	-62.23	0.59841
5260MHz_TnomVnom	Pass	1G	26G	1M	25506.25	-61.84	0.65464	-46.99	20	-14.85	-61.84	0.65464
5260MHz_TnomVmin	Pass	30M	1G	100k	617.82	-91.03	0.00079	-53.98	4	-37.05	-91.03	0.00079
5260MHz_TnomVmin	Pass	1G	26G	1M	3506.25	-62.15	0.60954	-46.99	20	-15.16	-62.15	0.60954
5260MHz_TnomVmin	Pass	1G	26G	1M	25487.5	-61.78	0.66374	-46.99	20	-14.79	-61.78	0.66374
5260MHz_TnomVmax	Pass	30M	1G	100k	914.398	-91.19	0.00076	-53.98	4	-37.21	-91.19	0.00076
5260MHz_TnomVmax	Pass	1G	26G	1M	3506.25	-62.11	0.61518	-46.99	20	-15.12	-62.11	0.61518
5260MHz_TnomVmax	Pass	1G	26G	1M	25500	-61.86	0.65163	-46.99	20	-14.87	-61.86	0.65163
5320MHz_TnomVnom	Pass	30M	1G	100k	937.435	-91.02	0.00079	-53.98	4	-37.04	-91.02	0.00079
5320MHz_TnomVnom	Pass	1G	26G	1M	3546.875	-65.16	0.30479	-46.99	20	-18.17	-65.16	0.30479
5320MHz_TnomVnom	Pass	1G	26G	1M	25515.625	-61.53	0.70307	-46.99	20	-14.54	-61.53	0.70307
5320MHz_TnomVmin	Pass	30M	1G	100k	937.799	-90.52	0.00089	-53.98	4	-36.54	-90.52	0.00089
5320MHz_TnomVmin	Pass	1G	26G	1M	3546.875	-65.03	0.31405	-46.99	20	-18.04	-65.03	0.31405
5320MHz_TnomVmin	Pass	1G	26G	1M	25537.5	-61.95	0.63826	-46.99	20	-14.96	-61.95	0.63826
5320MHz_TnomVmax	Pass	30M	1G	100k	953.925	-89.65	0.00108	-53.98	4	-35.67	-89.65	0.00108
5320MHz_TnomVmax	Pass	1G	26G	1M	3546.875	-65.18	0.30339	-46.99	20	-18.19	-65.18	0.30339
5320MHz_TnomVmax	Pass	1G	26G	1M	25493.75	-61.92	0.64269	-46.99	20	-14.93	-61.92	0.64269
5500MHz_TnomVnom	Pass	30M	1G	100k	786.964	-90.54	0.00088	-53.98	4	-36.56	-90.54	0.00088
5500MHz_TnomVnom	Pass	1G	26G	1M	3665.625	-64.38	0.36475	-46.99	20	-17.39	-64.38	0.36475
5500MHz_TnomVnom	Pass	1G	26G	1M	25553.125	-62.08	0.61944	-46.99	20	-15.09	-62.08	0.61944
5500MHz_TnomVmin	Pass	30M	1G	100k	967.141	-90.98	0.0008	-53.98	4	-37.00	-90.98	0.0008
5500MHz_TnomVmin	Pass	1G	26G	1M	3665.625	-64.34	0.36813	-46.99	20	-17.35	-64.34	0.36813
5500MHz_TnomVmin	Pass	1G	26G	1M	25493.75	-61.57	0.69663	-46.99	20	-14.58	-61.57	0.69663



CSE-RX Secondary Radiated Emissions Result

Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5500MHz_TnomVmax	Pass	30M	1G	100k	863.836	-90.07	0.00098	-53.98	4	-36.09	-90.07	0.00098
5500MHz_TnomVmax	Pass	1G	26G	1M	3665.625	-64.27	0.37411	-46.99	20	-17.28	-64.27	0.37411
5500MHz_TnomVmax	Pass	1G	26G	1M	25546.875	-61.77	0.66527	-46.99	20	-14.78	-61.77	0.66527
5600MHz_TnomVnom	Pass	30M	1G	100k	893.543	-90.83	0.00083	-53.98	4	-36.85	-90.83	0.00083
5600MHz_TnomVnom	Pass	1G	26G	1M	3734.375	-76.27	0.0236	-46.99	20	-29.28	-76.27	0.0236
5600MHz_TnomVnom	Pass	1G	26G	1M	25490.625	-62.08	0.61944	-46.99	20	-15.09	-62.08	0.61944
5600MHz_TnomVmin	Pass	30M	1G	100k	953.925	-89.44	0.00114	-53.98	4	-35.46	-89.44	0.00114
5600MHz_TnomVmin	Pass	1G	26G	1M	3734.375	-76.40	0.02291	-46.99	20	-29.41	-76.40	0.02291
5600MHz_TnomVmin	Pass	1G	26G	1M	25531.25	-62.02	0.62806	-46.99	20	-15.03	-62.02	0.62806
5600MHz_TnomVmax	Pass	30M	1G	100k	954.046	-90.55	0.00088	-53.98	4	-36.57	-90.55	0.00088
5600MHz_TnomVmax	Pass	1G	26G	1M	3734.375	-76.38	0.02301	-46.99	20	-29.39	-76.38	0.02301
5600MHz_TnomVmax	Pass	1G	26G	1M	25515.625	-61.87	0.65013	-46.99	20	-14.88	-61.87	0.65013
5700MHz_TnomVnom	Pass	30M	1G	100k	918.035	-90.66	0.00086	-53.98	4	-36.68	-90.66	0.00086
5700MHz_TnomVnom	Pass	1G	26G	1M	3800	-66.61	0.21827	-46.99	20	-19.62	-66.61	0.21827
5700MHz_TnomVnom	Pass	1G	26G	1M	25490.625	-61.37	0.72946	-46.99	20	-14.38	-61.37	0.72946
5700MHz_TnomVmin	Pass	30M	1G	100k	797.755	-91.14	0.00077	-53.98	4	-37.16	-91.14	0.00077
5700MHz_TnomVmin	Pass	1G	26G	1M	3800	-66.54	0.22182	-46.99	20	-19.55	-66.54	0.22182
5700MHz_TnomVmin	Pass	1G	26G	1M	25503.125	-61.94	0.63973	-46.99	20	-14.95	-61.94	0.63973
5700MHz_TnomVmax	Pass	30M	1G	100k	959.139	-90.18	0.00096	-53.98	4	-36.20	-90.18	0.00096
5700MHz_TnomVmax	Pass	1G	26G	1M	3800	-66.58	0.21979	-46.99	20	-19.59	-66.58	0.21979
5700MHz_TnomVmax	Pass	1G	26G	1M	25506.25	-61.83	0.65615	-46.99	20	-14.84	-61.83	0.65615
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	1G	100k	958.169	-91.01	0.00079	-53.98	4	-37.03	-91.01	0.00079
5180MHz_TnomVnom	Pass	1G	26G	1M	3453.125	-62.80	0.52481	-46.99	20	-15.81	-62.80	0.52481
5180MHz_TnomVnom	Pass	1G	26G	1M	25546.875	-61.85	0.65313	-46.99	20	-14.86	-61.85	0.65313
5180MHz_TnomVmin	Pass	30M	1G	100k	817.398	-91.21	0.00076	-53.98	4	-37.23	-91.21	0.00076
5180MHz_TnomVmin	Pass	1G	26G	1M	3453.125	-62.70	0.53703	-46.99	20	-15.71	-62.70	0.53703
5180MHz_TnomVmin	Pass	1G	26G	1M	25484.375	-61.92	0.64269	-46.99	20	-14.93	-61.92	0.64269
5180MHz_TnomVmax	Pass	30M	1G	100k	864.321	-90.82	0.00083	-53.98	4	-36.84	-90.82	0.00083
5180MHz_TnomVmax	Pass	1G	26G	1M	3453.125	-62.73	0.53333	-46.99	20	-15.74	-62.73	0.53333
5180MHz_TnomVmax	Pass	1G	26G	1M	25531.25	-62.16	0.60814	-46.99	20	-15.17	-62.16	0.60814
5240MHz_TnomVnom	Pass	30M	1G	100k	932.342	-90.11	0.00097	-53.98	4	-36.13	-90.11	0.00097
5240MHz_TnomVnom	Pass	1G	26G	1M	3493.75	-65.71	0.26853	-46.99	20	-18.72	-65.71	0.26853
5240MHz_TnomVnom	Pass	1G	26G	1M	25465.625	-62.04	0.62517	-46.99	20	-15.05	-62.04	0.62517
5240MHz_TnomVmin	Pass	30M	1G	100k	935.131	-90.52	0.00089	-53.98	4	-36.54	-90.52	0.00089
5240MHz_TnomVmin	Pass	1G	26G	1M	3493.75	-65.64	0.2729	-46.99	20	-18.65	-65.64	0.2729
5240MHz_TnomVmin	Pass	1G	26G	1M	25496.875	-61.96	0.6368	-46.99	20	-14.97	-61.96	0.6368
5240MHz_TnomVmax	Pass	30M	1G	100k	926.038	-90.97	0.0008	-53.98	4	-36.99	-90.97	0.0008
5240MHz_TnomVmax	Pass	1G	26G	1M	3493.75	-65.71	0.26853	-46.99	20	-18.72	-65.71	0.26853
5240MHz_TnomVmax	Pass	1G	26G	1M	25515.625	-61.65	0.68391	-46.99	20	-14.66	-61.65	0.68391
5260MHz_TnomVnom	Pass	30M	1G	100k	980.357	-90.74	0.00084	-53.98	4	-36.76	-90.74	0.00084
5260MHz_TnomVnom	Pass	1G	26G	1M	3506.25	-62.04	0.62517	-46.99	20	-15.05	-62.04	0.62517
5260MHz_TnomVnom	Pass	1G	26G	1M	25537.5	-61.93	0.64121	-46.99	20	-14.94	-61.93	0.64121
5260MHz_TnomVmin	Pass	30M	1G	100k	957.684	-90.87	0.00082	-53.98	4	-36.89	-90.87	0.00082



CSE-RX Secondary Radiated Emissions Result

Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5260MHz_TnomVmin	Pass	1G	26G	1M	3506.25	-62.22	0.59979	-46.99	20	-15.23	-62.22	0.59979
5260MHz_TnomVmin	Pass	1G	26G	1M	25518.75	-61.80	0.66069	-46.99	20	-14.81	-61.80	0.66069
5260MHz_TnomVmax	Pass	30M	1G	100k	908.82	-89.93	0.00102	-53.98	4	-35.95	-89.93	0.00102
5260MHz_TnomVmax	Pass	1G	26G	1M	3506.25	-62.19	0.60395	-46.99	20	-15.20	-62.19	0.60395
5260MHz_TnomVmax	Pass	1G	26G	1M	25503.125	-62.03	0.62661	-46.99	20	-15.04	-62.03	0.62661
5320MHz_TnomVnom	Pass	30M	1G	100k	883.115	-90.85	0.00082	-53.98	4	-36.87	-90.85	0.00082
5320MHz_TnomVnom	Pass	1G	26G	1M	3546.875	-65.03	0.31405	-46.99	20	-18.04	-65.03	0.31405
5320MHz_TnomVnom	Pass	1G	26G	1M	25512.5	-61.72	0.67298	-46.99	20	-14.73	-61.72	0.67298
5320MHz_TnomVmin	Pass	30M	1G	100k	886.874	-90.88	0.00082	-53.98	4	-36.90	-90.88	0.00082
5320MHz_TnomVmin	Pass	1G	26G	1M	3546.875	-65.15	0.30549	-46.99	20	-18.16	-65.15	0.30549
5320MHz_TnomVmin	Pass	1G	26G	1M	25490.625	-61.71	0.67453	-46.99	20	-14.72	-61.71	0.67453
5320MHz_TnomVmax	Pass	30M	1G	100k	789.874	-91.08	0.00078	-53.98	4	-37.10	-91.08	0.00078
5320MHz_TnomVmax	Pass	1G	26G	1M	3546.875	-65.12	0.30761	-46.99	20	-18.13	-65.12	0.30761
5320MHz_TnomVmax	Pass	1G	26G	1M	25528.125	-61.94	0.63973	-46.99	20	-14.95	-61.94	0.63973
5500MHz_TnomVnom	Pass	30M	1G	100k	902.151	-90.91	0.00081	-53.98	4	-36.93	-90.91	0.00081
5500MHz_TnomVnom	Pass	1G	26G	1M	3665.625	-64.17	0.38282	-46.99	20	-17.18	-64.17	0.38282
5500MHz_TnomVnom	Pass	1G	26G	1M	25506.25	-61.61	0.69024	-46.99	20	-14.62	-61.61	0.69024
5500MHz_TnomVmin	Pass	30M	1G	100k	953.925	-90.69	0.00085	-53.98	4	-36.71	-90.69	0.00085
5500MHz_TnomVmin	Pass	1G	26G	1M	3665.625	-64.28	0.37325	-46.99	20	-17.29	-64.28	0.37325
5500MHz_TnomVmin	Pass	1G	26G	1M	25512.5	-62.14	0.61094	-46.99	20	-15.15	-62.14	0.61094
5500MHz_TnomVmax	Pass	30M	1G	100k	984.722	-90.71	0.00085	-53.98	4	-36.73	-90.71	0.00085
5500MHz_TnomVmax	Pass	1G	26G	1M	3665.625	-64.23	0.37757	-46.99	20	-17.24	-64.23	0.37757
5500MHz_TnomVmax	Pass	1G	26G	1M	25500	-61.64	0.68549	-46.99	20	-14.65	-61.64	0.68549
5600MHz_TnomVnom	Pass	30M	1G	100k	886.753	-90.19	0.00096	-53.98	4	-36.21	-90.19	0.00096
5600MHz_TnomVnom	Pass	1G	26G	1M	3734.375	-76.43	0.02275	-46.99	20	-29.44	-76.43	0.02275
5600MHz_TnomVnom	Pass	1G	26G	1M	25506.25	-61.87	0.65013	-46.99	20	-14.88	-61.87	0.65013
5600MHz_TnomVmin	Pass	30M	1G	100k	953.804	-90.04	0.00099	-53.98	4	-36.06	-90.04	0.00099
5600MHz_TnomVmin	Pass	1G	26G	1M	3734.375	-76.52	0.02228	-46.99	20	-29.53	-76.52	0.02228
5600MHz_TnomVmin	Pass	1G	26G	1M	25506.25	-61.87	0.65013	-46.99	20	-14.88	-61.87	0.65013
5600MHz_TnomVmax	Pass	30M	1G	100k	917.55	-91.19	0.00076	-53.98	4	-37.21	-91.19	0.00076
5600MHz_TnomVmax	Pass	1G	26G	1M	3734.375	-76.36	0.02312	-46.99	20	-29.37	-76.36	0.02312
5600MHz_TnomVmax	Pass	1G	26G	1M	25456.25	-61.97	0.63533	-46.99	20	-14.98	-61.97	0.63533
5700MHz_TnomVnom	Pass	30M	1G	100k	927.492	-88.96	0.00127	-53.98	4	-34.98	-88.96	0.00127
5700MHz_TnomVnom	Pass	1G	26G	1M	3800	-66.67	0.21528	-46.99	20	-19.68	-66.67	0.21528
5700MHz_TnomVnom	Pass	1G	26G	1M	25503.125	-61.72	0.67298	-46.99	20	-14.73	-61.72	0.67298
5700MHz_TnomVmin	Pass	30M	1G	100k	925.067	-90.86	0.00082	-53.98	4	-36.88	-90.86	0.00082
5700MHz_TnomVmin	Pass	1G	26G	1M	3800	-66.61	0.21827	-46.99	20	-19.62	-66.61	0.21827
5700MHz_TnomVmin	Pass	1G	26G	1M	25518.75	-61.32	0.7379	-46.99	20	-14.33	-61.32	0.7379
5700MHz_TnomVmax	Pass	30M	1G	100k	953.925	-89.06	0.00124	-53.98	4	-35.08	-89.06	0.00124
5700MHz_TnomVmax	Pass	1G	26G	1M	3800	-66.55	0.22131	-46.99	20	-19.56	-66.55	0.22131
5700MHz_TnomVmax	Pass	1G	26G	1M	25496.875	-61.79	0.66222	-46.99	20	-14.80	-61.79	0.66222
802.11n HT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	30M	1G	100k	958.29	-90.50	0.00089	-53.98	4	-36.52	-90.50	0.00089
5190MHz_TnomVnom	Pass	1G	26G	1M	3459.375	-62.53	0.55847	-46.99	20	-15.54	-62.53	0.55847



CSE-RX Secondary Radiated Emissions Result

Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5190MHz_TnomVnom	Pass	1G	26G	1M	25534.375	-61.81	0.65917	-46.99	20	-14.82	-61.81	0.65917
5190MHz_TnomVmin	Pass	30M	1G	100k	764.29	-90.09	0.00098	-53.98	4	-36.11	-90.09	0.00098
5190MHz_TnomVmin	Pass	1G	26G	1M	3459.375	-62.51	0.56105	-46.99	20	-15.52	-62.51	0.56105
5190MHz_TnomVmin	Pass	1G	26G	1M	25462.5	-61.88	0.64863	-46.99	20	-14.89	-61.88	0.64863
5190MHz_TnomVmax	Pass	30M	1G	100k	985.692	-91.01	0.00079	-53.98	4	-37.03	-91.01	0.00079
5190MHz_TnomVmax	Pass	1G	26G	1M	3459.375	-62.68	0.53951	-46.99	20	-15.69	-62.68	0.53951
5190MHz_TnomVmax	Pass	1G	26G	1M	25465.625	-61.99	0.63241	-46.99	20	-15.00	-61.99	0.63241
5230MHz_TnomVnom	Pass	30M	1G	100k	901.545	-91.09	0.00078	-53.98	4	-37.11	-91.09	0.00078
5230MHz_TnomVnom	Pass	1G	26G	1M	3487.5	-70.92	0.08091	-46.99	20	-23.93	-70.92	0.08091
5230MHz_TnomVnom	Pass	1G	26G	1M	25546.875	-61.97	0.63533	-46.99	20	-14.98	-61.97	0.63533
5230MHz_TnomVmin	Pass	30M	1G	100k	967.99	-90.98	0.0008	-53.98	4	-37.00	-90.98	0.0008
5230MHz_TnomVmin	Pass	1G	26G	1M	3487.5	-71.01	0.07925	-46.99	20	-24.02	-71.01	0.07925
5230MHz_TnomVmin	Pass	1G	26G	1M	25512.5	-61.74	0.66988	-46.99	20	-14.75	-61.74	0.66988
5230MHz_TnomVmax	Pass	30M	1G	100k	945.923	-90.74	0.00084	-53.98	4	-36.76	-90.74	0.00084
5230MHz_TnomVmax	Pass	1G	26G	1M	3487.5	-71.18	0.07621	-46.99	20	-24.19	-71.18	0.07621
5230MHz_TnomVmax	Pass	1G	26G	1M	25443.75	-61.67	0.68077	-46.99	20	-14.68	-61.67	0.68077
5270MHz_TnomVnom	Pass	30M	1G	100k	997.454	-91.33	0.00074	-53.98	4	-37.35	-91.33	0.00074
5270MHz_TnomVnom	Pass	1G	26G	1M	3512.5	-62.39	0.57677	-46.99	20	-15.40	-62.39	0.57677
5270MHz_TnomVnom	Pass	1G	26G	1M	25503.125	-61.85	0.65313	-46.99	20	-14.86	-61.85	0.65313
5270MHz_TnomVmin	Pass	30M	1G	100k	940.83	-90.98	0.0008	-53.98	4	-37.00	-90.98	0.0008
5270MHz_TnomVmin	Pass	1G	26G	1M	3512.5	-62.36	0.58076	-46.99	20	-15.37	-62.36	0.58076
5270MHz_TnomVmin	Pass	1G	26G	1M	25525	-61.96	0.6368	-46.99	20	-14.97	-61.96	0.6368
5270MHz_TnomVmax	Pass	30M	1G	100k	860.199	-90.84	0.00082	-53.98	4	-36.86	-90.84	0.00082
5270MHz_TnomVmax	Pass	1G	26G	1M	3512.5	-62.26	0.59429	-46.99	20	-15.27	-62.26	0.59429
5270MHz_TnomVmax	Pass	1G	26G	1M	25475	-61.88	0.64863	-46.99	20	-14.89	-61.88	0.64863
5310MHz_TnomVnom	Pass	30M	1G	100k	962.898	-90.97	0.0008	-53.98	4	-36.99	-90.97	0.0008
5310MHz_TnomVnom	Pass	1G	26G	1M	3540.625	-69.13	0.12218	-46.99	20	-22.14	-69.13	0.12218
5310MHz_TnomVnom	Pass	1G	26G	1M	25503.125	-61.81	0.65917	-46.99	20	-14.82	-61.81	0.65917
5310MHz_TnomVmin	Pass	30M	1G	100k	939.496	-90.20	0.00095	-53.98	4	-36.22	-90.20	0.00095
5310MHz_TnomVmin	Pass	1G	26G	1M	3540.625	-69.14	0.1219	-46.99	20	-22.15	-69.14	0.1219
5310MHz_TnomVmin	Pass	1G	26G	1M	25509.375	-62.16	0.60814	-46.99	20	-15.17	-62.16	0.60814
5310MHz_TnomVmax	Pass	30M	1G	100k	688.994	-91.02	0.00079	-53.98	4	-37.04	-91.02	0.00079
5310MHz_TnomVmax	Pass	1G	26G	1M	3540.625	-69.03	0.12503	-46.99	20	-22.04	-69.03	0.12503
5310MHz_TnomVmax	Pass	1G	26G	1M	25503.125	-61.70	0.67608	-46.99	20	-14.71	-61.70	0.67608
5510MHz_TnomVnom	Pass	30M	1G	100k	953.804	-90.37	0.00092	-53.98	4	-36.39	-90.37	0.00092
5510MHz_TnomVnom	Pass	1G	26G	1M	3671.875	-64.25	0.37584	-46.99	20	-17.26	-64.25	0.37584
5510MHz_TnomVnom	Pass	1G	26G	1M	25468.75	-62.00	0.63096	-46.99	20	-15.01	-62.00	0.63096
5510MHz_TnomVmin	Pass	30M	1G	100k	964.474	-90.89	0.00081	-53.98	4	-36.91	-90.89	0.00081
5510MHz_TnomVmin	Pass	1G	26G	1M	3671.875	-64.27	0.37411	-46.99	20	-17.28	-64.27	0.37411
5510MHz_TnomVmin	Pass	1G	26G	1M	25484.375	-61.18	0.76208	-46.99	20	-14.19	-61.18	0.76208
5510MHz_TnomVmax	Pass	30M	1G	100k	980.6	-90.73	0.00085	-53.98	4	-36.75	-90.73	0.00085
5510MHz_TnomVmax	Pass	1G	26G	1M	3671.875	-64.35	0.36728	-46.99	20	-17.36	-64.35	0.36728
5510MHz_TnomVmax	Pass	1G	26G	1M	25528.125	-61.89	0.64714	-46.99	20	-14.90	-61.89	0.64714
5590MHz_TnomVnom	Pass	30M	1G	100k	931.372	-90.53	0.00089	-53.98	4	-36.55	-90.53	0.00089



CSE-RX Secondary Radiated Emissions Result

Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5590MHz_TnomVnom	Pass	1G	26G	1M	3725	-65.37	0.2904	-46.99	20	-18.38	-65.37	0.2904
5590MHz_TnomVnom	Pass	1G	26G	1M	25534.375	-61.36	0.73114	-46.99	20	-14.37	-61.36	0.73114
5590MHz_TnomVmin	Pass	30M	1G	100k	963.504	-90.99	0.0008	-53.98	4	-37.01	-90.99	0.0008
5590MHz_TnomVmin	Pass	1G	26G	1M	3725	-65.44	0.28576	-46.99	20	-18.45	-65.44	0.28576
5590MHz_TnomVmin	Pass	1G	26G	1M	25496.875	-62.07	0.62087	-46.99	20	-15.08	-62.07	0.62087
5590MHz_TnomVmax	Pass	30M	1G	100k	837.161	-90.41	0.00091	-53.98	4	-36.43	-90.41	0.00091
5590MHz_TnomVmax	Pass	1G	26G	1M	3725	-65.35	0.29174	-46.99	20	-18.36	-65.35	0.29174
5590MHz_TnomVmax	Pass	1G	26G	1M	25484.375	-61.98	0.63387	-46.99	20	-14.99	-61.98	0.63387
5670MHz_TnomVnom	Pass	30M	1G	100k	773.505	-90.54	0.00088	-53.98	4	-36.56	-90.54	0.00088
5670MHz_TnomVnom	Pass	1G	26G	1M	3778.125	-66.43	0.22751	-46.99	20	-19.44	-66.43	0.22751
5670MHz_TnomVnom	Pass	1G	26G	1M	25503.125	-61.80	0.66069	-46.99	20	-14.81	-61.80	0.66069
5670MHz_TnomVmin	Pass	30M	1G	100k	956.471	-90.66	0.00086	-53.98	4	-36.68	-90.66	0.00086
5670MHz_TnomVmin	Pass	1G	26G	1M	3778.125	-66.42	0.22803	-46.99	20	-19.43	-66.42	0.22803
5670MHz_TnomVmin	Pass	1G	26G	1M	25490.625	-61.81	0.65917	-46.99	20	-14.82	-61.81	0.65917
5670MHz_TnomVmax	Pass	30M	1G	100k	782.356	-90.84	0.00082	-53.98	4	-36.86	-90.84	0.00082
5670MHz_TnomVmax	Pass	1G	26G	1M	3778.125	-66.46	0.22594	-46.99	20	-19.47	-66.46	0.22594
5670MHz_TnomVmax	Pass	1G	26G	1M	25462.5	-61.78	0.66374	-46.99	20	-14.79	-61.78	0.66374
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	1G	100k	887.965	-90.13	0.00097	-53.98	4	-36.15	-90.13	0.00097
5180MHz_TnomVnom	Pass	1G	26G	1M	3453.125	-62.79	0.52602	-46.99	20	-15.80	-62.79	0.52602
5180MHz_TnomVnom	Pass	1G	26G	1M	25490.625	-61.85	0.65313	-46.99	20	-14.86	-61.85	0.65313
5180MHz_TnomVmin	Pass	30M	1G	100k	746.709	-88.67	0.00136	-53.98	4	-34.69	-88.67	0.00136
5180MHz_TnomVmin	Pass	1G	26G	1M	3453.125	-62.69	0.53827	-46.99	20	-15.70	-62.69	0.53827
5180MHz_TnomVmin	Pass	1G	26G	1M	25500	-61.72	0.67298	-46.99	20	-14.73	-61.72	0.67298
5180MHz_TnomVmax	Pass	30M	1G	100k	957.805	-89.72	0.00107	-53.98	4	-35.74	-89.72	0.00107
5180MHz_TnomVmax	Pass	1G	26G	1M	3453.125	-62.73	0.53333	-46.99	20	-15.74	-62.73	0.53333
5180MHz_TnomVmax	Pass	1G	26G	1M	25471.875	-61.84	0.65464	-46.99	20	-14.85	-61.84	0.65464
5240MHz_TnomVnom	Pass	30M	1G	100k	953.925	-90.89	0.00081	-53.98	4	-36.91	-90.89	0.00081
5240MHz_TnomVnom	Pass	1G	26G	1M	3493.75	-65.75	0.26607	-46.99	20	-18.76	-65.75	0.26607
5240MHz_TnomVnom	Pass	1G	26G	1M	25509.375	-61.94	0.63973	-46.99	20	-14.95	-61.94	0.63973
5240MHz_TnomVmin	Pass	30M	1G	100k	835.827	-90.95	0.0008	-53.98	4	-36.97	-90.95	0.0008
5240MHz_TnomVmin	Pass	1G	26G	1M	3493.75	-65.69	0.26977	-46.99	20	-18.70	-65.69	0.26977
5240MHz_TnomVmin	Pass	1G	26G	1M	25509.375	-61.94	0.63973	-46.99	20	-14.95	-61.94	0.63973
5240MHz_TnomVmax	Pass	30M	1G	100k	953.804	-90.22	0.00095	-53.98	4	-36.24	-90.22	0.00095
5240MHz_TnomVmax	Pass	1G	26G	1M	3493.75	-65.67	0.27102	-46.99	20	-18.68	-65.67	0.27102
5240MHz_TnomVmax	Pass	1G	26G	1M	25528.125	-61.81	0.65917	-46.99	20	-14.82	-61.81	0.65917
5260MHz_TnomVnom	Pass	30M	1G	100k	930.039	-90.82	0.00083	-53.98	4	-36.84	-90.82	0.00083
5260MHz_TnomVnom	Pass	1G	26G	1M	3506.25	-62.13	0.61235	-46.99	20	-15.14	-62.13	0.61235
5260MHz_TnomVnom	Pass	1G	26G	1M	25534.375	-61.85	0.65313	-46.99	20	-14.86	-61.85	0.65313
5260MHz_TnomVmin	Pass	30M	1G	100k	953.804	-90.54	0.00088	-53.98	4	-36.56	-90.54	0.00088
5260MHz_TnomVmin	Pass	1G	26G	1M	3506.25	-62.18	0.60534	-46.99	20	-15.19	-62.18	0.60534
5260MHz_TnomVmin	Pass	1G	26G	1M	25518.75	-61.60	0.69183	-46.99	20	-14.61	-61.60	0.69183
5260MHz_TnomVmax	Pass	30M	1G	100k	523.245	-90.71	0.00085	-53.98	4	-36.73	-90.71	0.00085
5260MHz_TnomVmax	Pass	1G	26G	1M	3506.25	-62.19	0.60395	-46.99	20	-15.20	-62.19	0.60395



CSE-RX Secondary Radiated Emissions Result

Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5260MHz_TnomVmax	Pass	1G	26G	1M	25518.75	-61.80	0.66069	-46.99	20	-14.81	-61.80	0.66069
5320MHz_TnomVnom	Pass	30M	1G	100k	949.439	-90.75	0.00084	-53.98	4	-36.77	-90.75	0.00084
5320MHz_TnomVnom	Pass	1G	26G	1M	3546.875	-65.14	0.3062	-46.99	20	-18.15	-65.14	0.3062
5320MHz_TnomVnom	Pass	1G	26G	1M	25481.25	-61.94	0.63973	-46.99	20	-14.95	-61.94	0.63973
5320MHz_TnomVmin	Pass	30M	1G	100k	953.925	-90.23	0.00095	-53.98	4	-36.25	-90.23	0.00095
5320MHz_TnomVmin	Pass	1G	26G	1M	3546.875	-65.13	0.3069	-46.99	20	-18.14	-65.13	0.3069
5320MHz_TnomVmin	Pass	1G	26G	1M	25528.125	-62.02	0.62806	-46.99	20	-15.03	-62.02	0.62806
5320MHz_TnomVmax	Pass	30M	1G	100k	705.362	-89.30	0.00117	-53.98	4	-35.32	-89.30	0.00117
5320MHz_TnomVmax	Pass	1G	26G	1M	3546.875	-65.11	0.30832	-46.99	20	-18.12	-65.11	0.30832
5320MHz_TnomVmax	Pass	1G	26G	1M	25468.75	-62.06	0.6223	-46.99	20	-15.07	-62.06	0.6223
5500MHz_TnomVnom	Pass	30M	1G	100k	959.503	-90.77	0.00084	-53.98	4	-36.79	-90.77	0.00084
5500MHz_TnomVnom	Pass	1G	26G	1M	3665.625	-64.23	0.37757	-46.99	20	-17.24	-64.23	0.37757
5500MHz_TnomVnom	Pass	1G	26G	1M	25500	-62.05	0.62373	-46.99	20	-15.06	-62.05	0.62373
5500MHz_TnomVmin	Pass	30M	1G	100k	768.049	-90.99	0.0008	-53.98	4	-37.01	-90.99	0.0008
5500MHz_TnomVmin	Pass	1G	26G	1M	3665.625	-64.17	0.38282	-46.99	20	-17.18	-64.17	0.38282
5500MHz_TnomVmin	Pass	1G	26G	1M	25528.125	-61.87	0.65013	-46.99	20	-14.88	-61.87	0.65013
5500MHz_TnomVmax	Pass	30M	1G	100k	995.635	-90.49	0.00089	-53.98	4	-36.51	-90.49	0.00089
5500MHz_TnomVmax	Pass	1G	26G	1M	3665.625	-64.15	0.38459	-46.99	20	-17.16	-64.15	0.38459
5500MHz_TnomVmax	Pass	1G	26G	1M	25521.875	-61.80	0.66069	-46.99	20	-14.81	-61.80	0.66069
5600MHz_TnomVnom	Pass	30M	1G	100k	917.55	-90.67	0.00086	-53.98	4	-36.69	-90.67	0.00086
5600MHz_TnomVnom	Pass	1G	26G	1M	3734.375	-76.49	0.02244	-46.99	20	-29.50	-76.49	0.02244
5600MHz_TnomVnom	Pass	1G	26G	1M	25490.625	-61.94	0.63973	-46.99	20	-14.95	-61.94	0.63973
5600MHz_TnomVmin	Pass	30M	1G	100k	953.804	-89.35	0.00116	-53.98	4	-35.37	-89.35	0.00116
5600MHz_TnomVmin	Pass	1G	26G	1M	3734.375	-76.53	0.02223	-46.99	20	-29.54	-76.53	0.02223
5600MHz_TnomVmin	Pass	1G	26G	1M	25481.25	-61.69	0.67764	-46.99	20	-14.70	-61.69	0.67764
5600MHz_TnomVmax	Pass	30M	1G	100k	850.256	-90.74	0.00084	-53.98	4	-36.76	-90.74	0.00084
5600MHz_TnomVmax	Pass	1G	26G	1M	3734.375	-76.41	0.02286	-46.99	20	-29.42	-76.41	0.02286
5600MHz_TnomVmax	Pass	1G	26G	1M	25503.125	-61.72	0.67298	-46.99	20	-14.73	-61.72	0.67298
5700MHz_TnomVnom	Pass	30M	1G	100k	775.93	-90.97	0.0008	-53.98	4	-36.99	-90.97	0.0008
5700MHz_TnomVnom	Pass	1G	26G	1M	3800	-66.67	0.21528	-46.99	20	-19.68	-66.67	0.21528
5700MHz_TnomVnom	Pass	1G	26G	1M	25509.375	-61.65	0.68391	-46.99	20	-14.66	-61.65	0.68391
5700MHz_TnomVmin	Pass	30M	1G	100k	847.346	-90.34	0.00092	-53.98	4	-36.36	-90.34	0.00092
5700MHz_TnomVmin	Pass	1G	26G	1M	3800	-66.57	0.22029	-46.99	20	-19.58	-66.57	0.22029
5700MHz_TnomVmin	Pass	1G	26G	1M	25478.125	-61.62	0.68865	-46.99	20	-14.63	-61.62	0.68865
5700MHz_TnomVmax	Pass	30M	1G	100k	890.39	-91.11	0.00077	-53.98	4	-37.13	-91.11	0.00077
5700MHz_TnomVmax	Pass	1G	26G	1M	3800	-66.64	0.21677	-46.99	20	-19.65	-66.64	0.21677
5700MHz_TnomVmax	Pass	1G	26G	1M	25506.25	-61.98	0.63387	-46.99	20	-14.99	-61.98	0.63387
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	30M	1G	100k	921.915	-91.14	0.00077	-53.98	4	-37.16	-91.14	0.00077
5190MHz_TnomVnom	Pass	1G	26G	1M	3459.375	-62.64	0.5445	-46.99	20	-15.65	-62.64	0.5445
5190MHz_TnomVnom	Pass	1G	26G	1M	25531.25	-61.60	0.69183	-46.99	20	-14.61	-61.60	0.69183
5190MHz_TnomVmin	Pass	30M	1G	100k	988.602	-91.11	0.00077	-53.98	4	-37.13	-91.11	0.00077
5190MHz_TnomVmin	Pass	1G	26G	1M	3459.375	-62.56	0.55463	-46.99	20	-15.57	-62.56	0.55463
5190MHz_TnomVmin	Pass	1G	26G	1M	25500	-62.10	0.6166	-46.99	20	-15.11	-62.10	0.6166



CSE-RX Secondary Radiated Emissions Result

Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5190MHz_TnomVmax	Pass	30M	1G	100k	798.361	-90.89	0.00081	-53.98	4	-36.91	-90.89	0.00081
5190MHz_TnomVmax	Pass	1G	26G	1M	3459.375	-62.61	0.54828	-46.99	20	-15.62	-62.61	0.54828
5190MHz_TnomVmax	Pass	1G	26G	1M	25531.25	-61.81	0.65917	-46.99	20	-14.82	-61.81	0.65917
5230MHz_TnomVnom	Pass	30M	1G	100k	932.1	-90.51	0.00089	-53.98	4	-36.53	-90.51	0.00089
5230MHz_TnomVnom	Pass	1G	26G	1M	3487.5	-71.09	0.0778	-46.99	20	-24.10	-71.09	0.0778
5230MHz_TnomVnom	Pass	1G	26G	1M	25528.125	-62.01	0.62951	-46.99	20	-15.02	-62.01	0.62951
5230MHz_TnomVmin	Pass	30M	1G	100k	601.936	-90.65	0.00086	-53.98	4	-36.67	-90.65	0.00086
5230MHz_TnomVmin	Pass	1G	26G	1M	3487.5	-71.03	0.07889	-46.99	20	-24.04	-71.03	0.07889
5230MHz_TnomVmin	Pass	1G	26G	1M	25490.625	-62.00	0.63096	-46.99	20	-15.01	-62.00	0.63096
5230MHz_TnomVmax	Pass	30M	1G	100k	930.403	-90.86	0.00082	-53.98	4	-36.88	-90.86	0.00082
5230MHz_TnomVmax	Pass	1G	26G	1M	3487.5	-71.03	0.07889	-46.99	20	-24.04	-71.03	0.07889
5230MHz_TnomVmax	Pass	1G	26G	1M	25490.625	-62.08	0.61944	-46.99	20	-15.09	-62.08	0.61944
5270MHz_TnomVnom	Pass	30M	1G	100k	956.835	-91.20	0.00076	-53.98	4	-37.22	-91.20	0.00076
5270MHz_TnomVnom	Pass	1G	26G	1M	3512.5	-62.28	0.59156	-46.99	20	-15.29	-62.28	0.59156
5270MHz_TnomVnom	Pass	1G	26G	1M	25503.125	-61.98	0.63387	-46.99	20	-14.99	-61.98	0.63387
5270MHz_TnomVmin	Pass	30M	1G	100k	884.449	-90.80	0.00083	-53.98	4	-36.82	-90.80	0.00083
5270MHz_TnomVmin	Pass	1G	26G	1M	3512.5	-62.42	0.5728	-46.99	20	-15.43	-62.42	0.5728
5270MHz_TnomVmin	Pass	1G	26G	1M	25456.25	-61.77	0.66527	-46.99	20	-14.78	-61.77	0.66527
5270MHz_TnomVmax	Pass	30M	1G	100k	963.504	-90.80	0.00083	-53.98	4	-36.82	-90.80	0.00083
5270MHz_TnomVmax	Pass	1G	26G	1M	3512.5	-62.33	0.58479	-46.99	20	-15.34	-62.33	0.58479
5270MHz_TnomVmax	Pass	1G	26G	1M	25493.75	-62.03	0.62661	-46.99	20	-15.04	-62.03	0.62661
5310MHz_TnomVnom	Pass	30M	1G	100k	729.128	-90.97	0.0008	-53.98	4	-36.99	-90.97	0.0008
5310MHz_TnomVnom	Pass	1G	26G	1M	3540.625	-68.88	0.12942	-46.99	20	-21.89	-68.88	0.12942
5310MHz_TnomVnom	Pass	1G	26G	1M	25506.25	-61.51	0.70632	-46.99	20	-14.52	-61.51	0.70632
5310MHz_TnomVmin	Pass	30M	1G	100k	727.187	-90.75	0.00084	-53.98	4	-36.77	-90.75	0.00084
5310MHz_TnomVmin	Pass	1G	26G	1M	3540.625	-69.07	0.12388	-46.99	20	-22.08	-69.07	0.12388
5310MHz_TnomVmin	Pass	1G	26G	1M	25584.375	-61.91	0.64417	-46.99	20	-14.92	-61.91	0.64417
5310MHz_TnomVmax	Pass	30M	1G	100k	767.685	-90.49	0.00089	-53.98	4	-36.51	-90.49	0.00089
5310MHz_TnomVmax	Pass	1G	26G	1M	3540.625	-68.95	0.12735	-46.99	20	-21.96	-68.95	0.12735
5310MHz_TnomVmax	Pass	1G	26G	1M	25500	-61.81	0.65917	-46.99	20	-14.82	-61.81	0.65917
5510MHz_TnomVnom	Pass	30M	1G	100k	957.684	-90.78	0.00084	-53.98	4	-36.80	-90.78	0.00084
5510MHz_TnomVnom	Pass	1G	26G	1M	3671.875	-64.24	0.3767	-46.99	20	-17.25	-64.24	0.3767
5510MHz_TnomVnom	Pass	1G	26G	1M	25518.75	-61.94	0.63973	-46.99	20	-14.95	-61.94	0.63973
5510MHz_TnomVmin	Pass	30M	1G	100k	889.663	-91.52	0.0007	-53.98	4	-37.54	-91.52	0.0007
5510MHz_TnomVmin	Pass	1G	26G	1M	3671.875	-64.47	0.35727	-46.99	20	-17.48	-64.47	0.35727
5510MHz_TnomVmin	Pass	1G	26G	1M	25484.375	-61.74	0.66988	-46.99	20	-14.75	-61.74	0.66988
5510MHz_TnomVmax	Pass	30M	1G	100k	989.815	-90.83	0.00083	-53.98	4	-36.85	-90.83	0.00083
5510MHz_TnomVmax	Pass	1G	26G	1M	3671.875	-64.21	0.37931	-46.99	20	-17.22	-64.21	0.37931
5510MHz_TnomVmax	Pass	1G	26G	1M	25521.875	-61.85	0.65313	-46.99	20	-14.86	-61.85	0.65313
5590MHz_TnomVnom	Pass	30M	1G	100k	841.89	-91.09	0.00078	-53.98	4	-37.11	-91.09	0.00078
5590MHz_TnomVnom	Pass	1G	26G	1M	3725	-65.42	0.28708	-46.99	20	-18.43	-65.42	0.28708
5590MHz_TnomVnom	Pass	1G	26G	1M	25481.25	-61.86	0.65163	-46.99	20	-14.87	-61.86	0.65163
5590MHz_TnomVmin	Pass	30M	1G	100k	906.638	-90.43	0.00091	-53.98	4	-36.45	-90.43	0.00091
5590MHz_TnomVmin	Pass	1G	26G	1M	3725	-65.36	0.29107	-46.99	20	-18.37	-65.36	0.29107



CSE-RX Secondary Radiated Emissions Result

Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5590MHz_TnomVmin	Pass	1G	26G	1M	25531.25	-61.92	0.64269	-46.99	20	-14.93	-61.92	0.64269
5590MHz_TnomVmax	Pass	30M	1G	100k	899.484	-90.42	0.00091	-53.98	4	-36.44	-90.42	0.00091
5590MHz_TnomVmax	Pass	1G	26G	1M	3725	-65.41	0.28774	-46.99	20	-18.42	-65.41	0.28774
5590MHz_TnomVmax	Pass	1G	26G	1M	25503.125	-61.71	0.67453	-46.99	20	-14.72	-61.71	0.67453
5670MHz_TnomVnom	Pass	30M	1G	100k	563.136	-91.07	0.00078	-53.98	4	-37.09	-91.07	0.00078
5670MHz_TnomVnom	Pass	1G	26G	1M	3778.125	-66.42	0.22803	-46.99	20	-19.43	-66.42	0.22803
5670MHz_TnomVnom	Pass	1G	26G	1M	25503.125	-61.77	0.66527	-46.99	20	-14.78	-61.77	0.66527
5670MHz_TnomVmin	Pass	30M	1G	100k	957.199	-90.00	0.001	-53.98	4	-36.02	-90.00	0.001
5670MHz_TnomVmin	Pass	1G	26G	1M	3778.125	-66.30	0.23442	-46.99	20	-19.31	-66.30	0.23442
5670MHz_TnomVmin	Pass	1G	26G	1M	25568.75	-62.01	0.62951	-46.99	20	-15.02	-62.01	0.62951
5670MHz_TnomVmax	Pass	30M	1G	100k	987.39	-90.46	0.0009	-53.98	4	-36.48	-90.46	0.0009
5670MHz_TnomVmax	Pass	1G	26G	1M	3778.125	-66.35	0.23174	-46.99	20	-19.36	-66.35	0.23174
5670MHz_TnomVmax	Pass	1G	26G	1M	25534.375	-61.94	0.63973	-46.99	20	-14.95	-61.94	0.63973
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	30M	1G	100k	983.025	-91.03	0.00079	-53.98	4	-37.05	-91.03	0.00079
5210MHz_TnomVnom	Pass	1G	26G	1M	3471.875	-62.61	0.54828	-46.99	20	-15.62	-62.61	0.54828
5210MHz_TnomVnom	Pass	1G	26G	1M	25475	-61.95	0.63826	-46.99	20	-14.96	-61.95	0.63826
5210MHz_TnomVmin	Pass	30M	1G	100k	716.033	-90.82	0.00083	-53.98	4	-36.84	-90.82	0.00083
5210MHz_TnomVmin	Pass	1G	26G	1M	3471.875	-62.57	0.55335	-46.99	20	-15.58	-62.57	0.55335
5210MHz_TnomVmin	Pass	1G	26G	1M	25468.75	-61.83	0.65615	-46.99	20	-14.84	-61.83	0.65615
5210MHz_TnomVmax	Pass	30M	1G	100k	733.25	-86.20	0.0024	-53.98	4	-32.22	-86.20	0.0024
5210MHz_TnomVmax	Pass	1G	26G	1M	3471.875	-62.56	0.55463	-46.99	20	-15.57	-62.56	0.55463
5210MHz_TnomVmax	Pass	1G	26G	1M	25553.125	-61.89	0.64714	-46.99	20	-14.90	-61.89	0.64714
5290MHz_TnomVnom	Pass	30M	1G	100k	953.925	-89.53	0.00111	-53.98	4	-35.55	-89.53	0.00111
5290MHz_TnomVnom	Pass	1G	26G	1M	3525	-63.24	0.47424	-46.99	20	-16.25	-63.24	0.47424
5290MHz_TnomVnom	Pass	1G	26G	1M	25496.875	-61.97	0.63533	-46.99	20	-14.98	-61.97	0.63533
5290MHz_TnomVmin	Pass	30M	1G	100k	964.11	-90.03	0.00099	-53.98	4	-36.05	-90.03	0.00099
5290MHz_TnomVmin	Pass	1G	26G	1M	3525	-63.06	0.49431	-46.99	20	-16.07	-63.06	0.49431
5290MHz_TnomVmin	Pass	1G	26G	1M	25493.75	-61.59	0.69343	-46.99	20	-14.60	-61.59	0.69343
5290MHz_TnomVmax	Pass	30M	1G	100k	960.23	-91.20	0.00076	-53.98	4	-37.22	-91.20	0.00076
5290MHz_TnomVmax	Pass	1G	26G	1M	3525	-63.11	0.48865	-46.99	20	-16.12	-63.11	0.48865
5290MHz_TnomVmax	Pass	1G	26G	1M	25509.375	-61.85	0.65313	-46.99	20	-14.86	-61.85	0.65313
5530MHz_TnomVnom	Pass	30M	1G	100k	761.986	-89.91	0.00102	-53.98	4	-35.93	-89.91	0.00102
5530MHz_TnomVnom	Pass	1G	26G	1M	3687.5	-72.09	0.0618	-46.99	20	-25.10	-72.09	0.0618
5530MHz_TnomVnom	Pass	1G	26G	1M	25500	-61.92	0.64269	-46.99	20	-14.93	-61.92	0.64269
5530MHz_TnomVmin	Pass	30M	1G	100k	953.804	-91.13	0.00077	-53.98	4	-37.15	-91.13	0.00077
5530MHz_TnomVmin	Pass	1G	26G	1M	3687.5	-72.25	0.05957	-46.99	20	-25.26	-72.25	0.05957
5530MHz_TnomVmin	Pass	1G	26G	1M	25581.25	-61.95	0.63826	-46.99	20	-14.96	-61.95	0.63826
5530MHz_TnomVmax	Pass	30M	1G	100k	965.808	-90.77	0.00084	-53.98	4	-36.79	-90.77	0.00084
5530MHz_TnomVmax	Pass	1G	26G	1M	3687.5	-72.18	0.06053	-46.99	20	-25.19	-72.18	0.06053
5530MHz_TnomVmax	Pass	1G	26G	1M	25478.125	-61.74	0.66988	-46.99	20	-14.75	-61.74	0.66988
5610MHz_TnomVnom	Pass	30M	1G	100k	882.266	-90.81	0.00083	-53.98	4	-36.83	-90.81	0.00083
5610MHz_TnomVnom	Pass	1G	26G	1M	3740.625	-71.05	0.07852	-46.99	20	-24.06	-71.05	0.07852
5610MHz_TnomVnom	Pass	1G	26G	1M	25550	-62.18	0.60534	-46.99	20	-15.19	-62.18	0.60534



CSE-RX Secondary Radiated Emissions Result

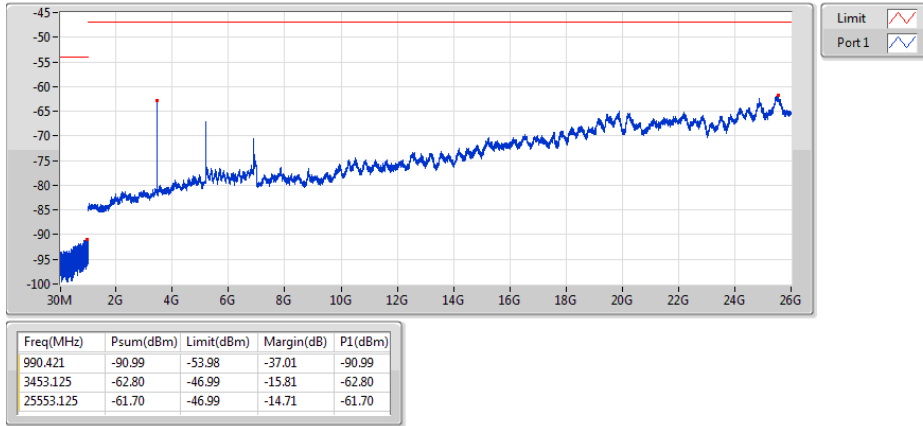
Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (MHz)	Psum (dBm)	Psum (nW/MHz)	Limit (dBm)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)	P1 (nW/MHz)
5610MHz_TnomVmin	Pass	30M	1G	100k	678.687	-90.48	0.0009	-53.98	4	-36.50	-90.48	0.0009
5610MHz_TnomVmin	Pass	1G	26G	1M	3740.625	-71.21	0.07568	-46.99	20	-24.22	-71.21	0.07568
5610MHz_TnomVmin	Pass	1G	26G	1M	25546.875	-61.84	0.65464	-46.99	20	-14.85	-61.84	0.65464
5610MHz_TnomVmax	Pass	30M	1G	100k	953.804	-88.96	0.00127	-53.98	4	-34.98	-88.96	0.00127
5610MHz_TnomVmax	Pass	1G	26G	1M	3740.625	-71.22	0.07551	-46.99	20	-24.23	-71.22	0.07551
5610MHz_TnomVmax	Pass	1G	26G	1M	25531.25	-61.84	0.65464	-46.99	20	-14.85	-61.84	0.65464

802.11a_Nss1_1TX

CSE-RX

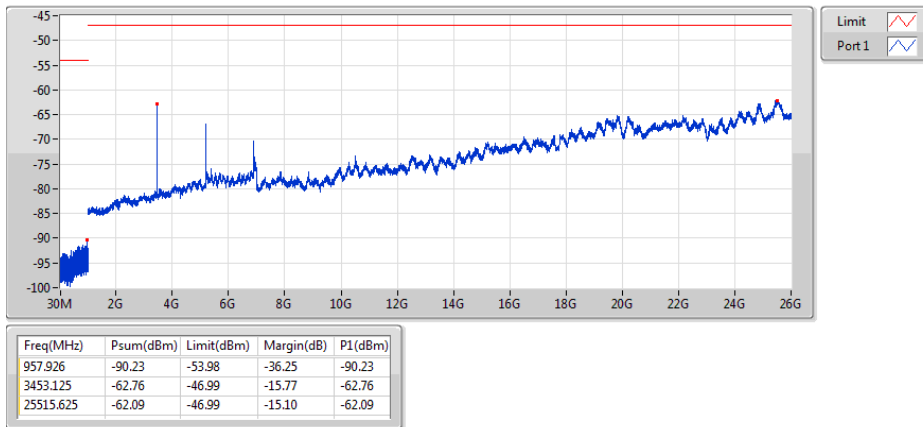
5180MHz_TnomVnom



802.11a_Nss1_1TX

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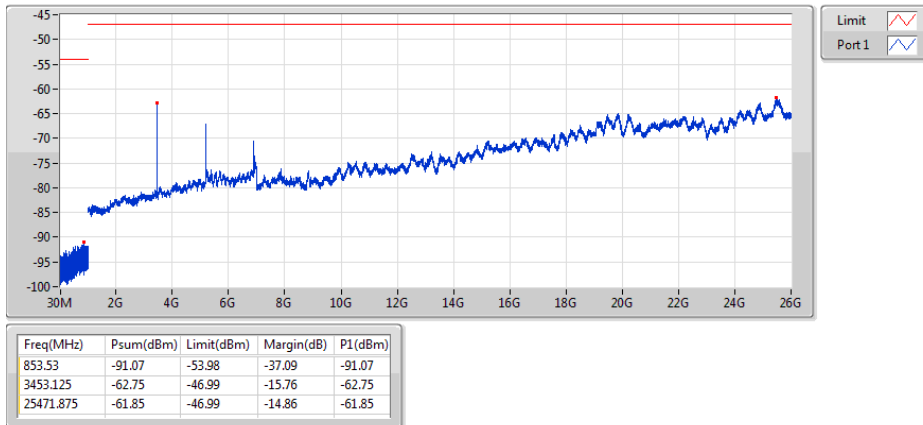
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802.11a_Nss1_1TX

CSE-RX

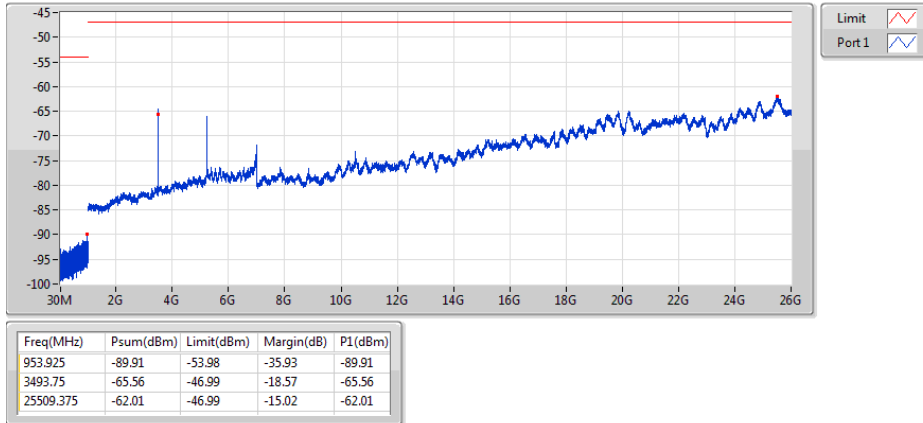
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802.11a_Nss1_1TX

CSE-RX

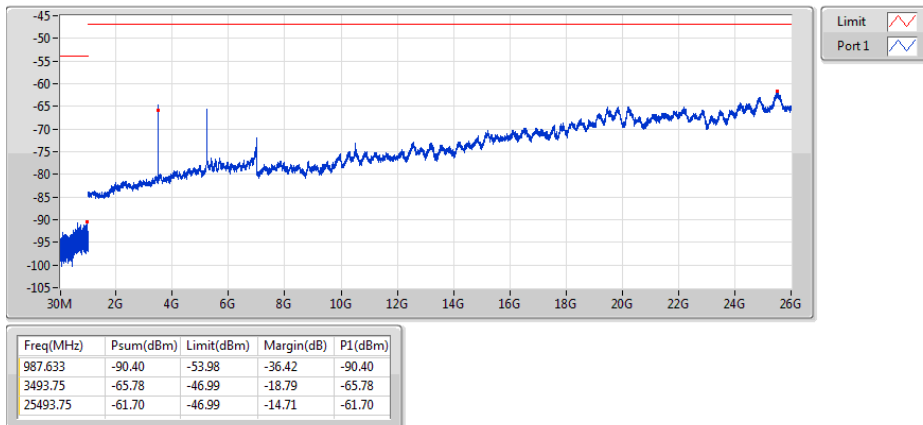
5240MHz_TnomVnom



802.11a_Nss1_1TX

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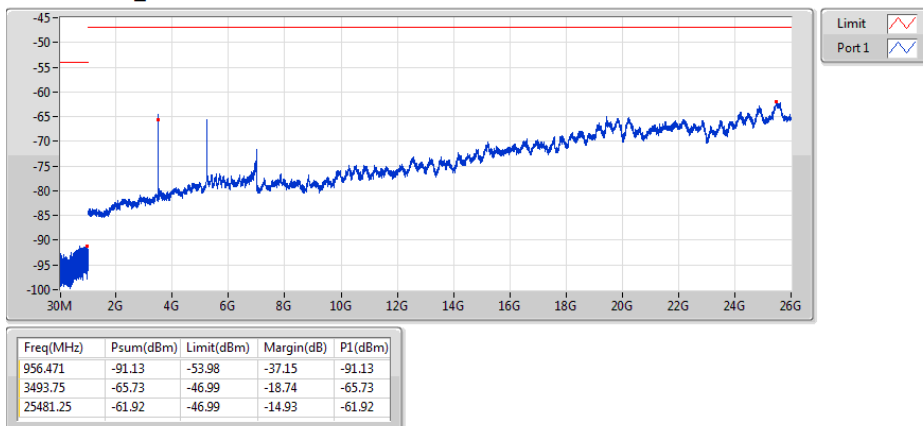
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802.11a_Nss1_1TX

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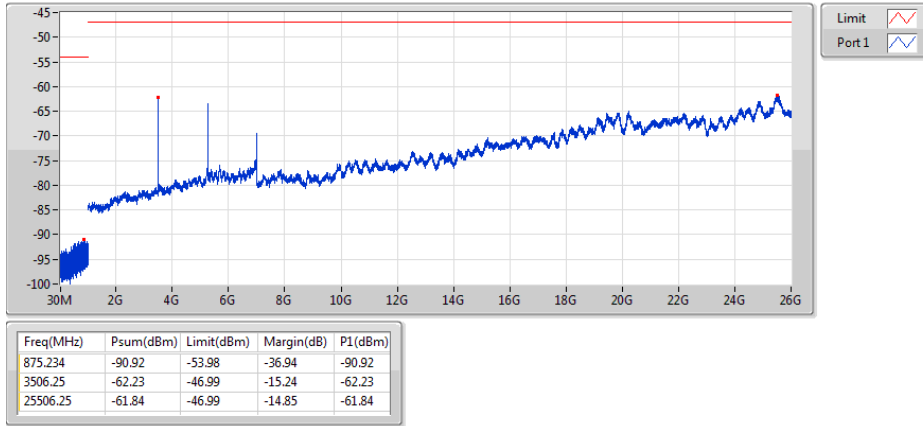
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802.11a_Nss1_1TX

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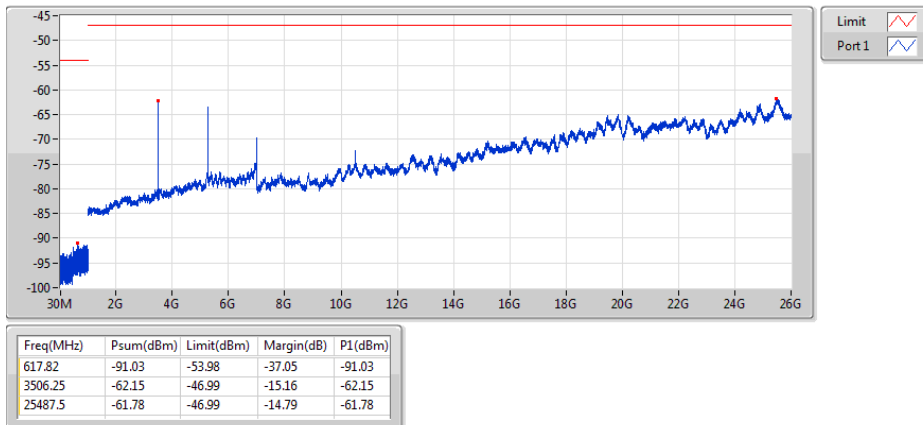
5260MHz_TnomVnom



802.11a_Nss1_1TX

CSE-RX

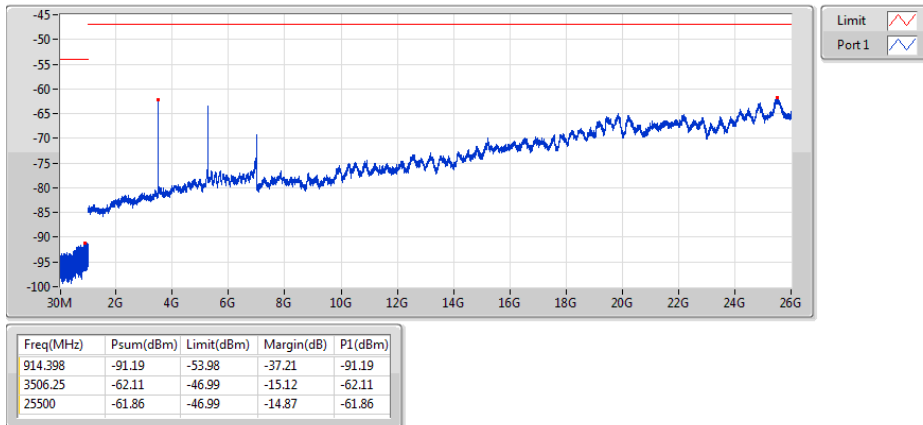
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802.11a_Nss1_1TX

CSE-RX

5260MHz_TnomVmax





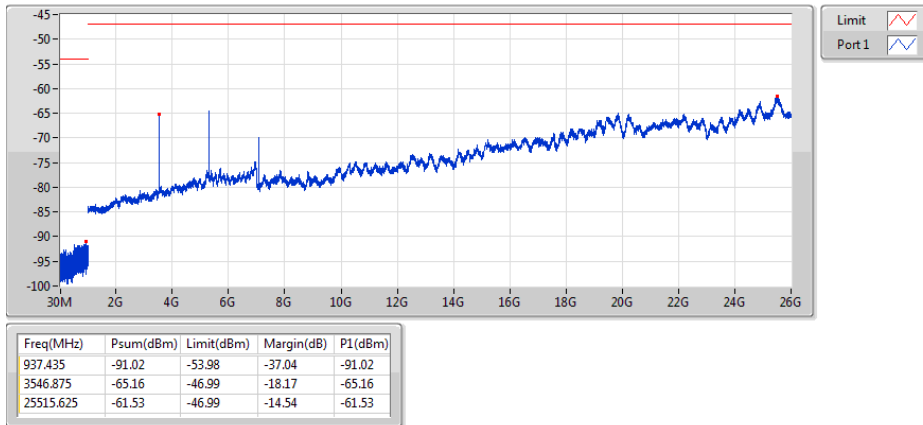
CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a_Nss1_1TX

CSE-RX

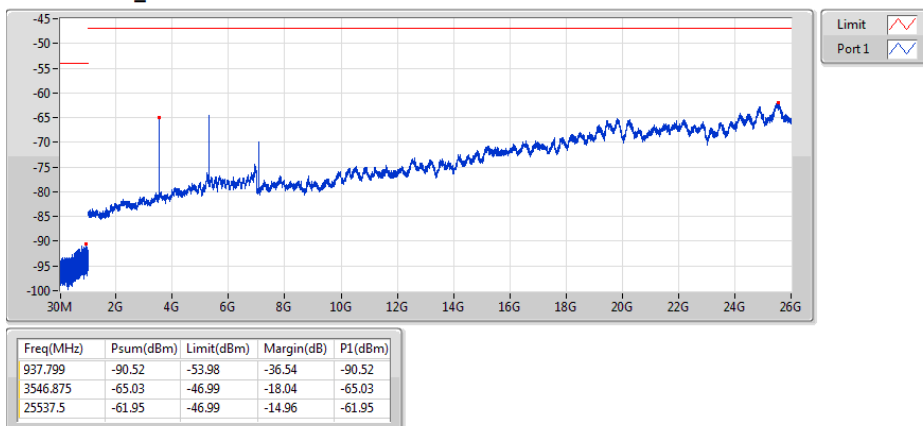
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802.11a_Nss1_1TX

CSE-RX

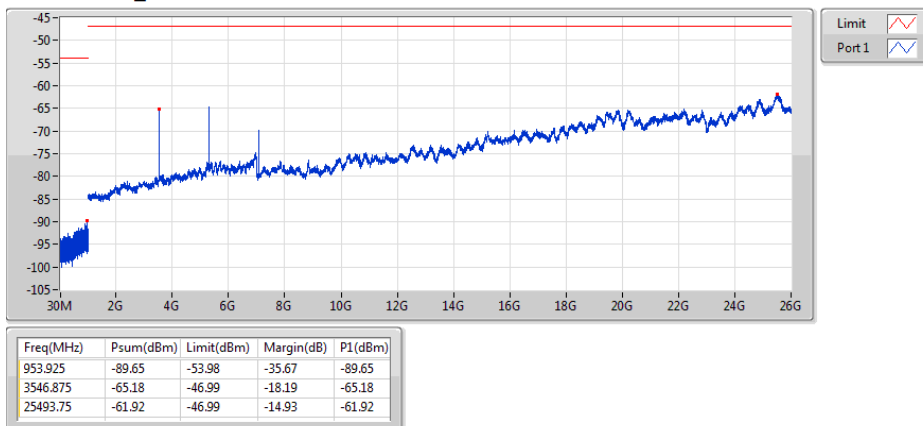
5320MHz_TnomVmin



802.11a_Nss1_1TX

CSE-RX

5320MHz_TnomVmax





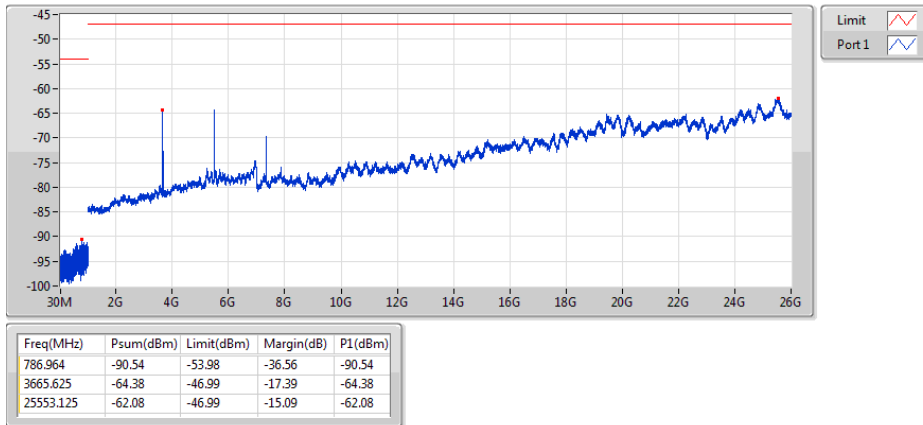
CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a_Nss1_1TX

CSE-RX

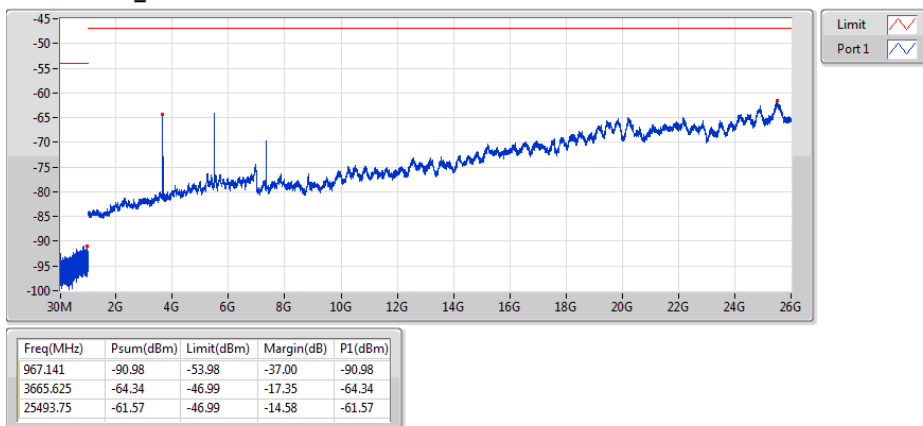
5500MHz_TnomVnom



802.11a_Nss1_1TX

CSE-RX

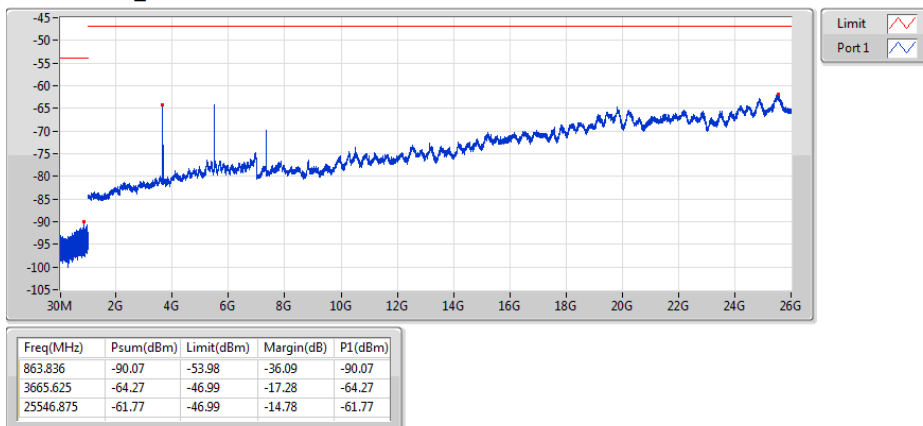
5500MHz_TnomVmin



802.11a_Nss1_1TX

CSE-RX

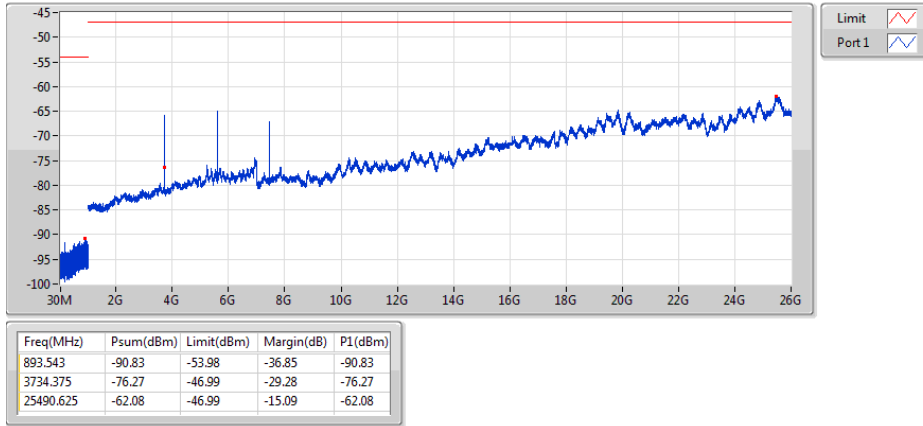
5500MHz_TnomVmax



802.11a_Nss1_1TX

CSE-RX

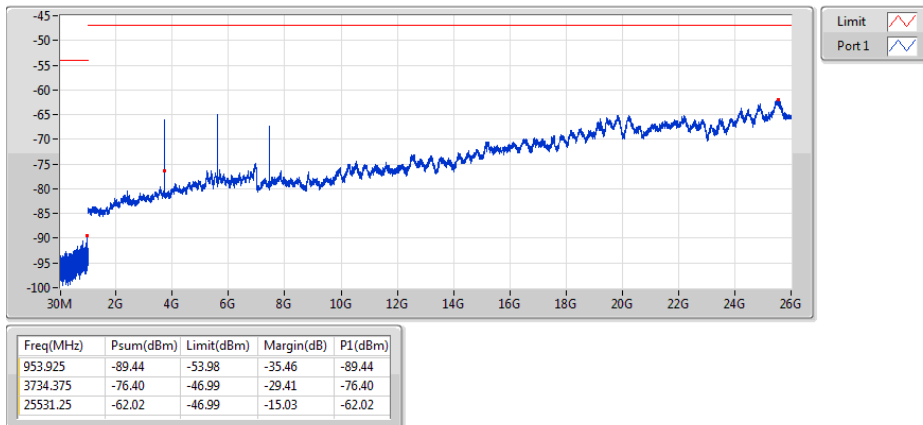
5600MHz_TnomVnom



802.11a_Nss1_1TX

CSE-RX

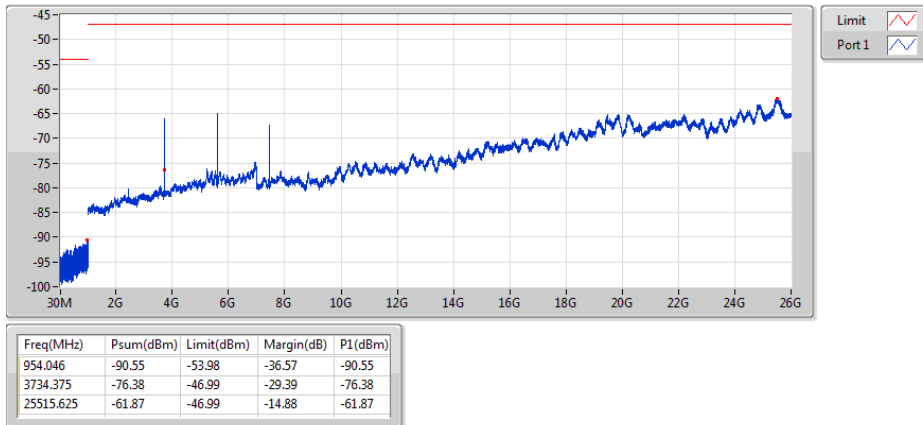
5600MHz_TnomVmin



802.11a_Nss1_1TX

CSE-RX

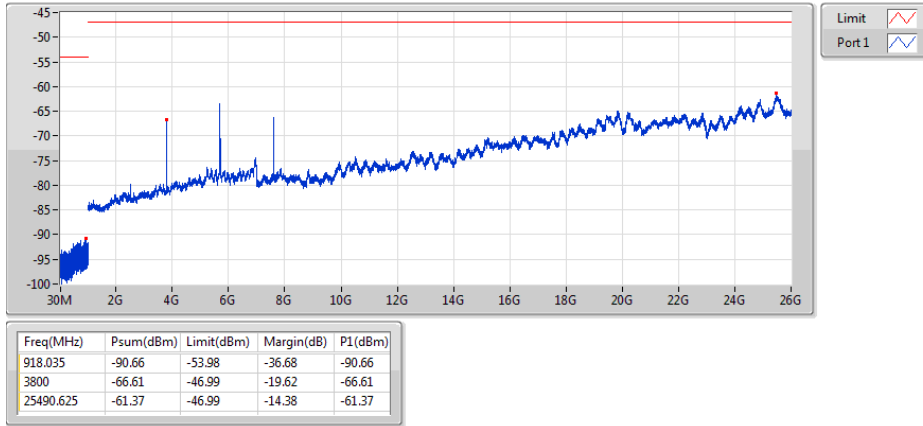
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802.11a_Nss1_1TX

CSE-RX

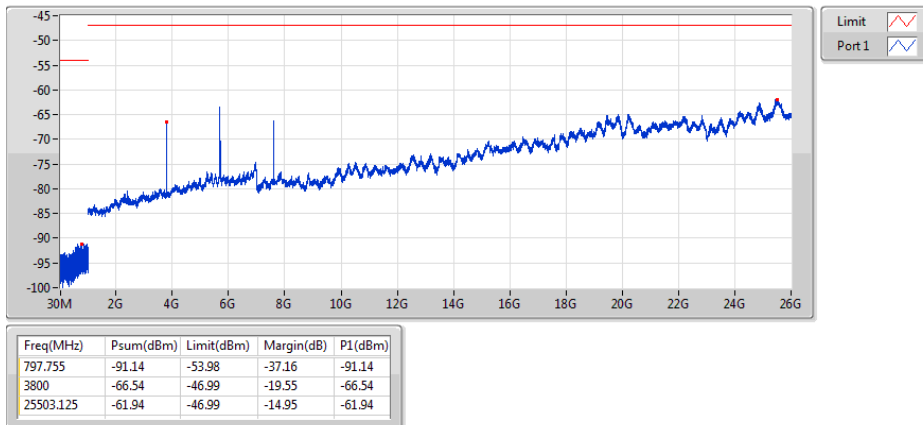
5700MHz_TnomVnom



802.11a_Nss1_1TX

CSE-RX

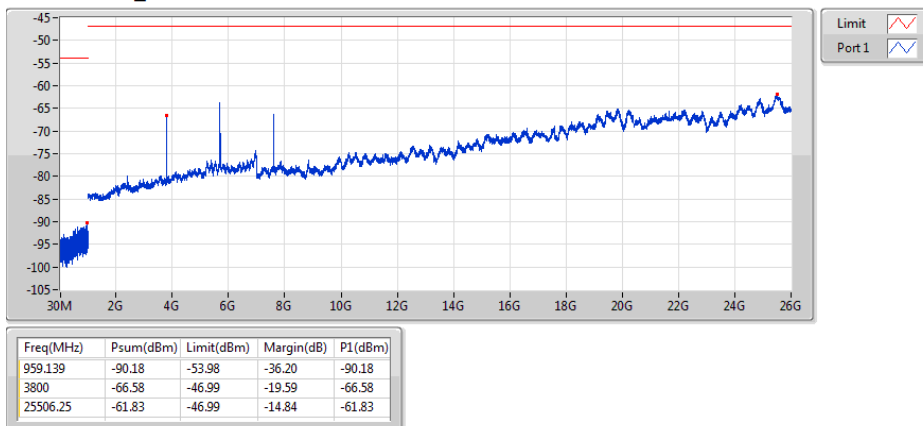
5700MHz_TnomVmin



802.11a_Nss1_1TX

CSE-RX

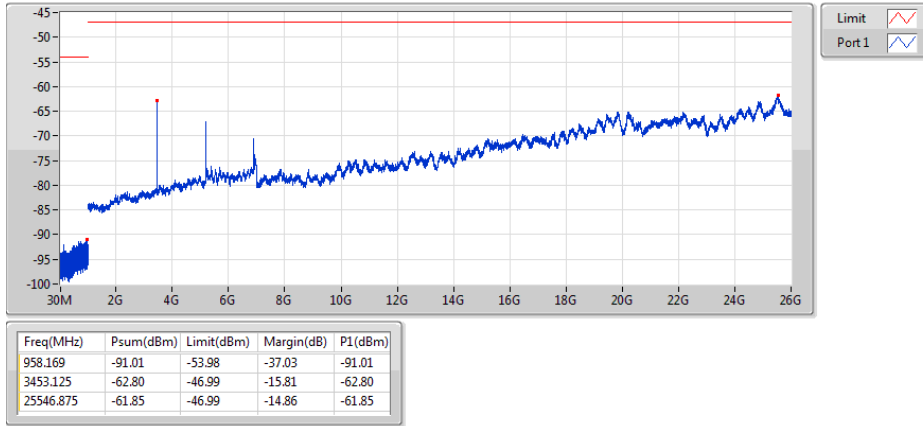
5700MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

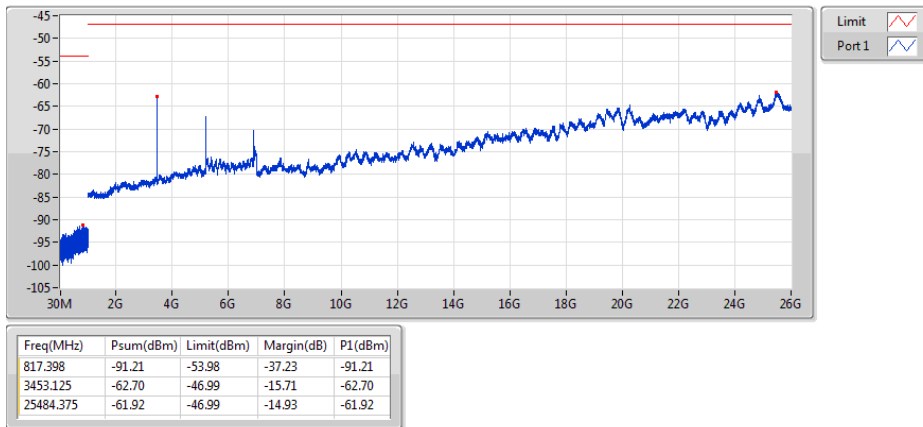
5180MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

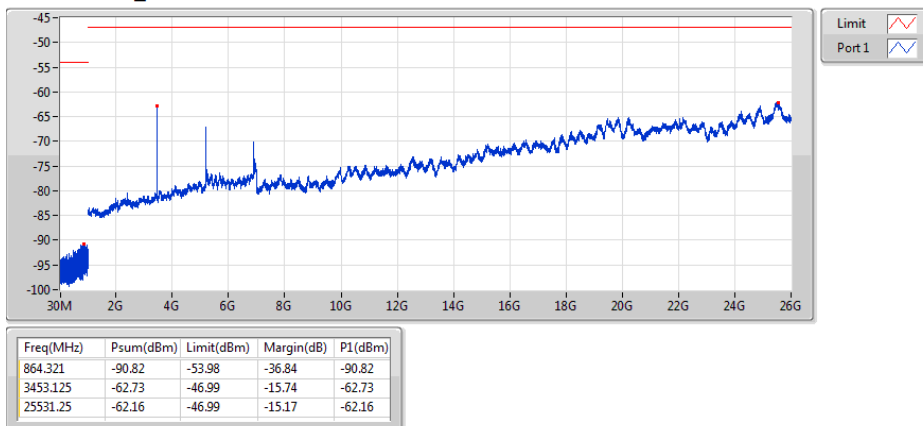
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802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

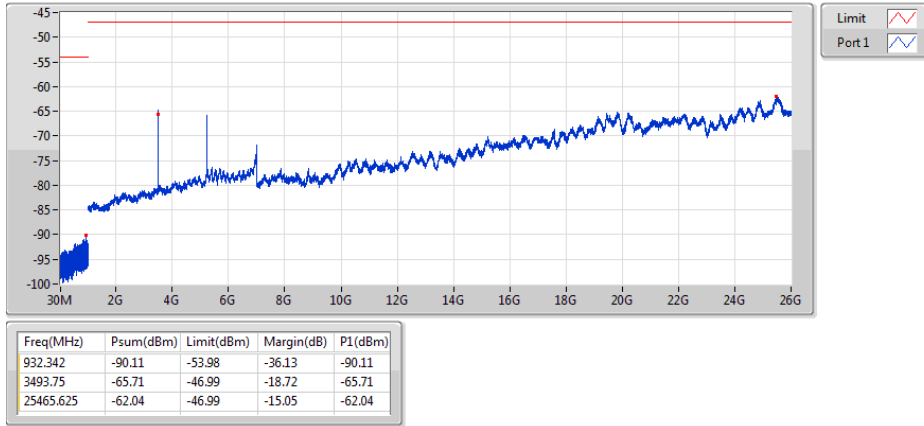
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802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

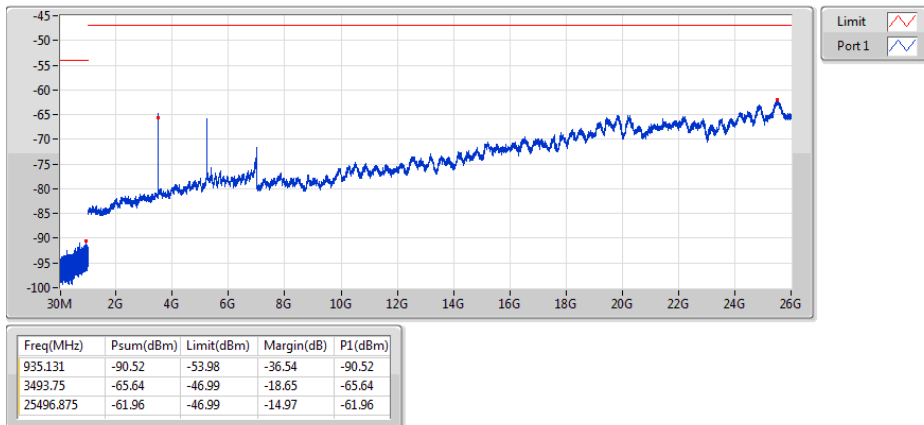
5240MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

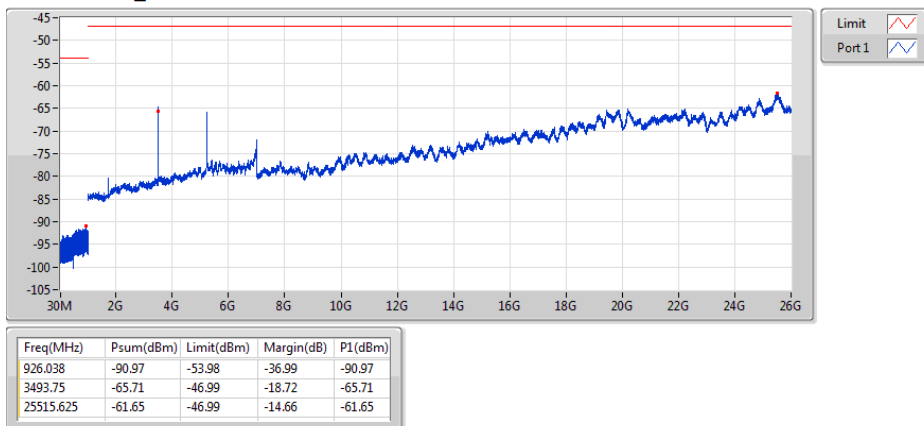
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802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

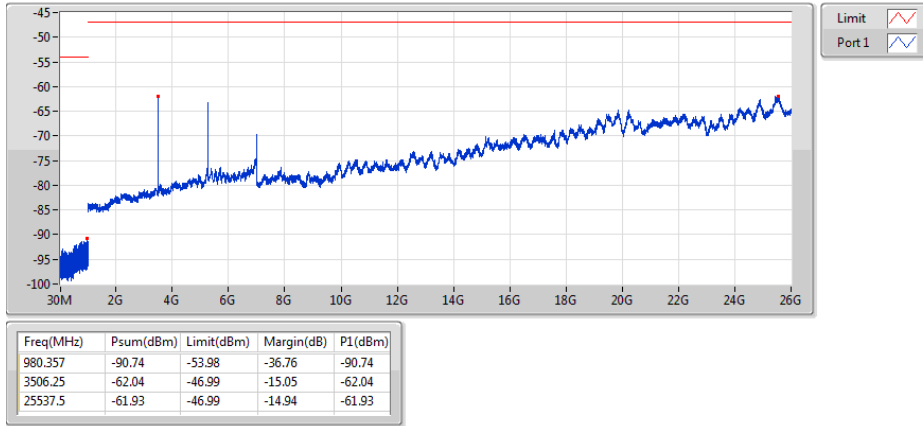
5240MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

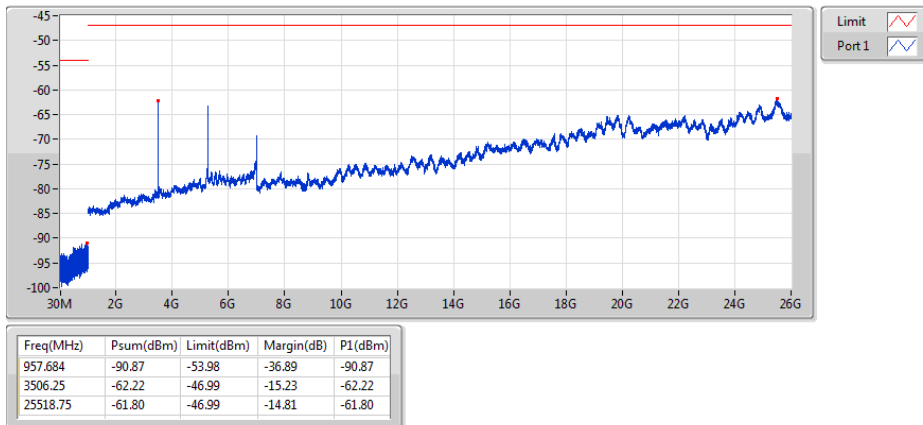
5260MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

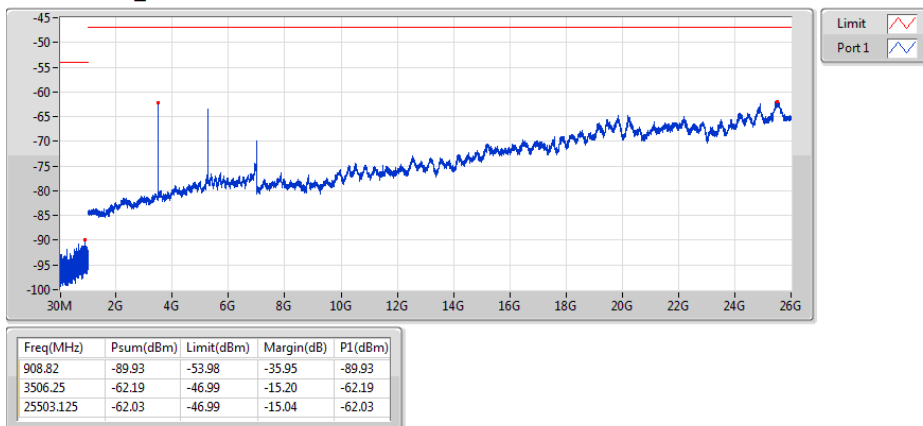
5260MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

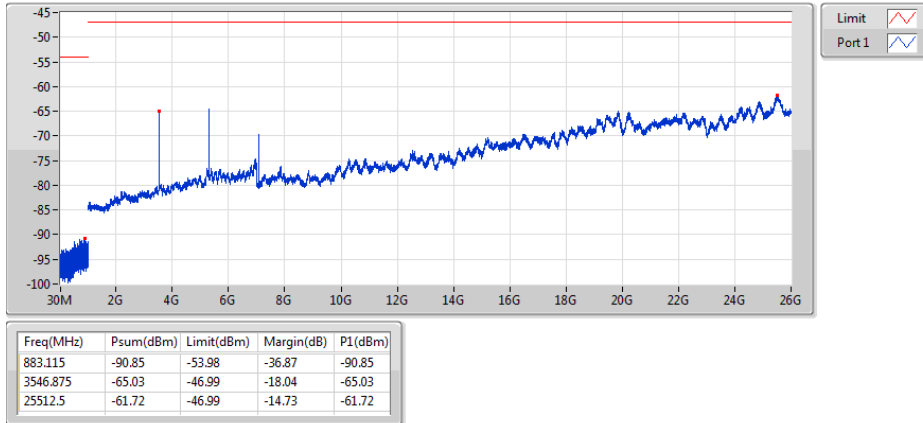
5260MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

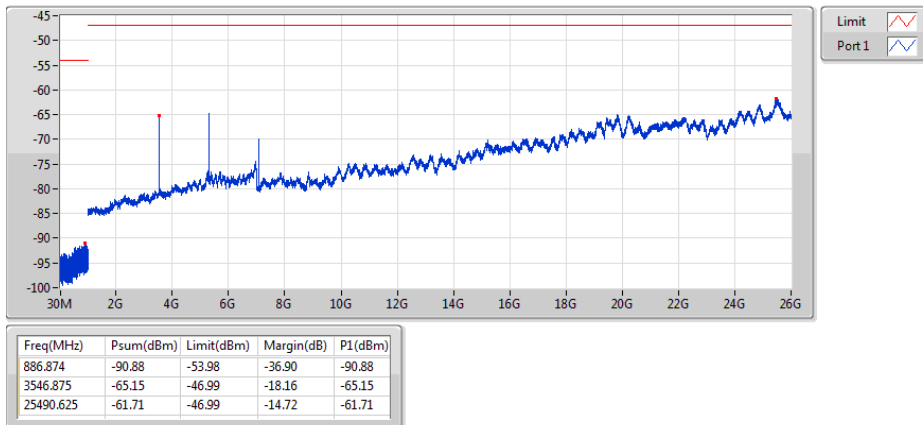
5320MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

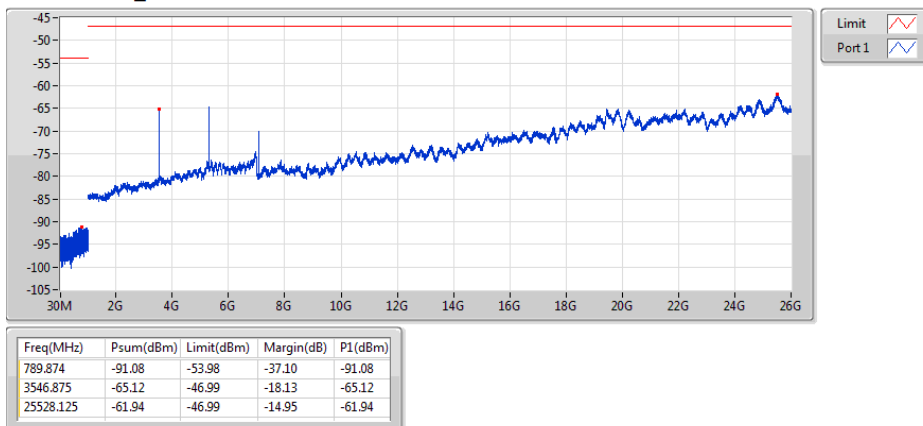
5320MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

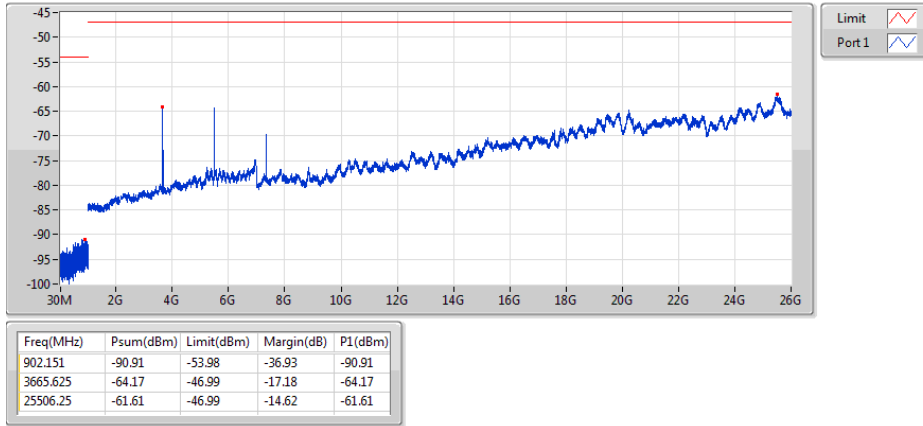
5320MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

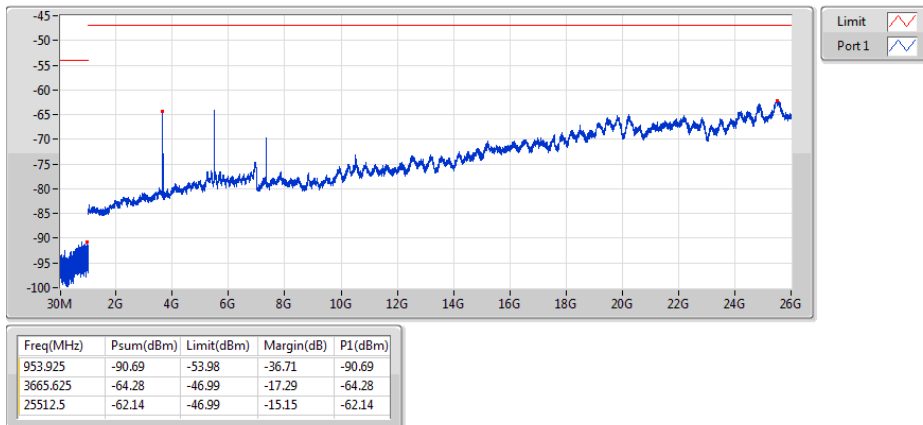
5500MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

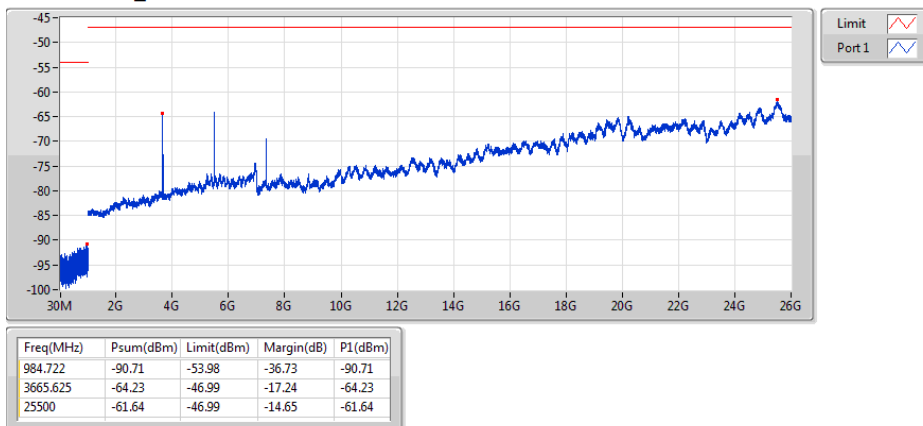
5500MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

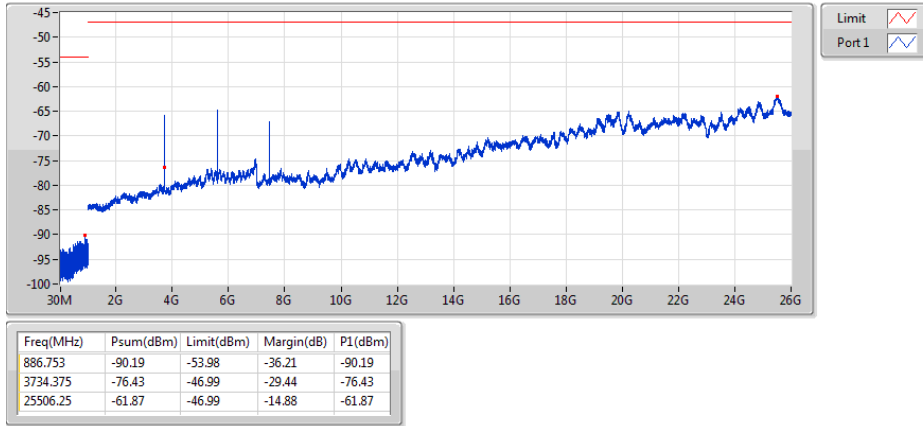
5500MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

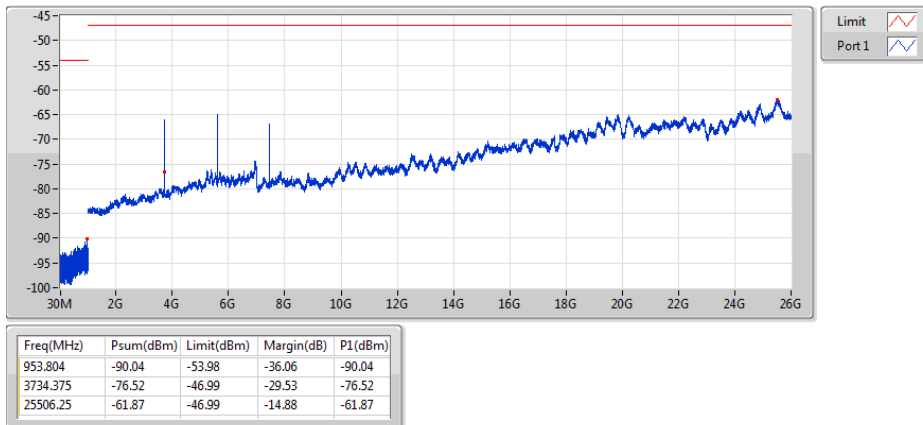
5600MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

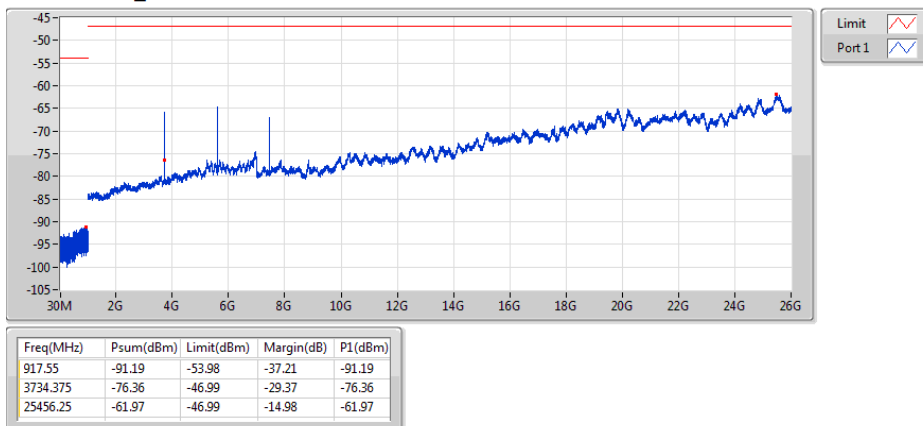
5600MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

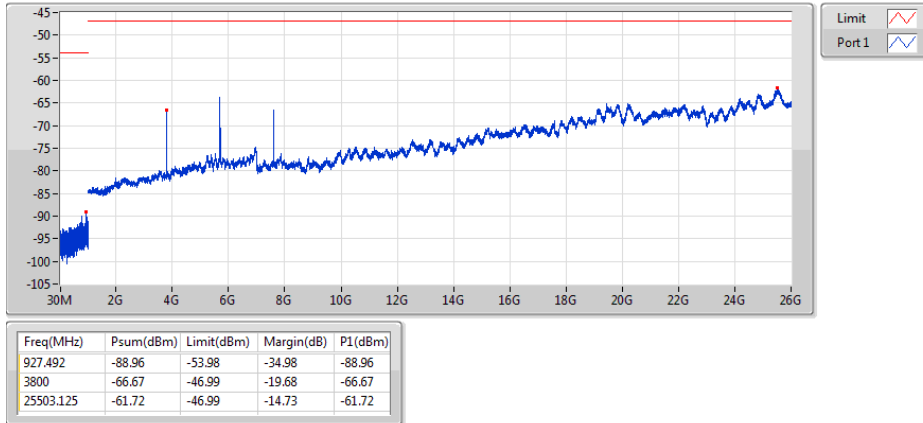
5600MHz_TnomVmax



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

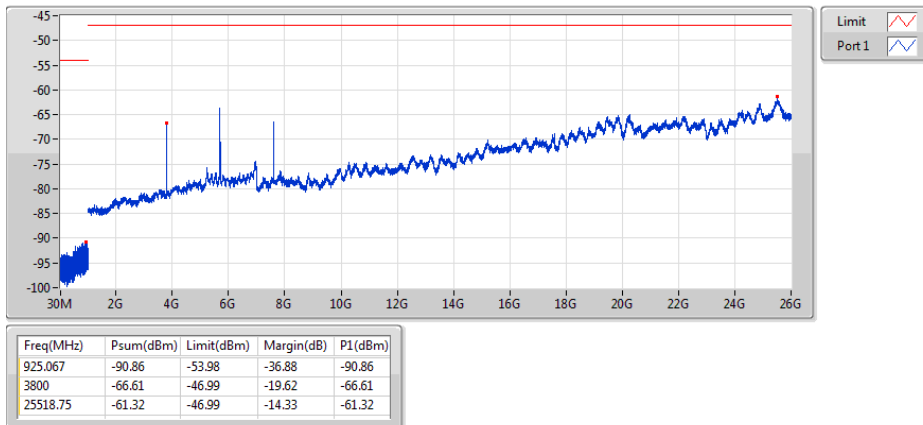
5700MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

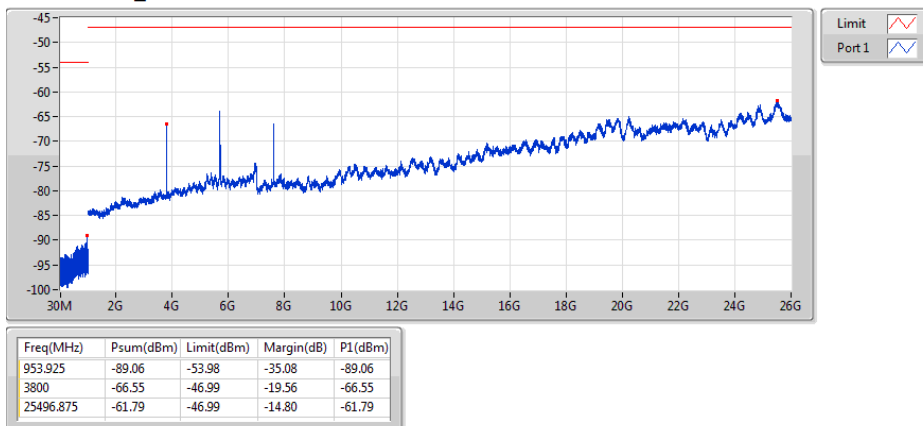
5700MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

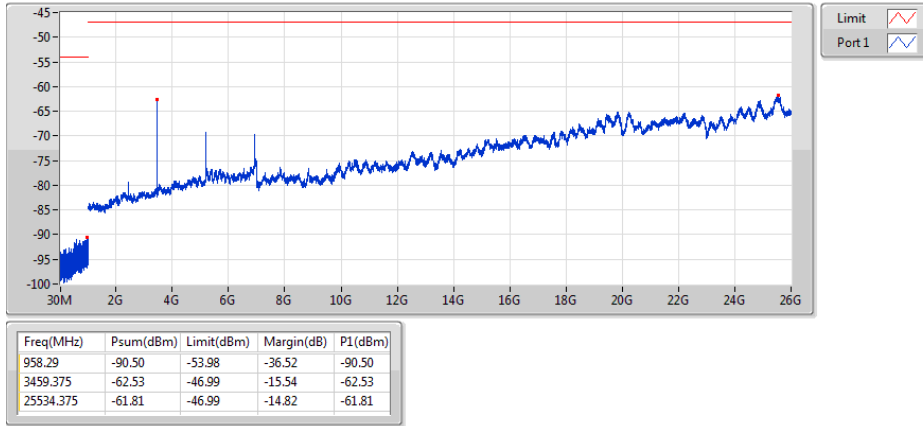
5700MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

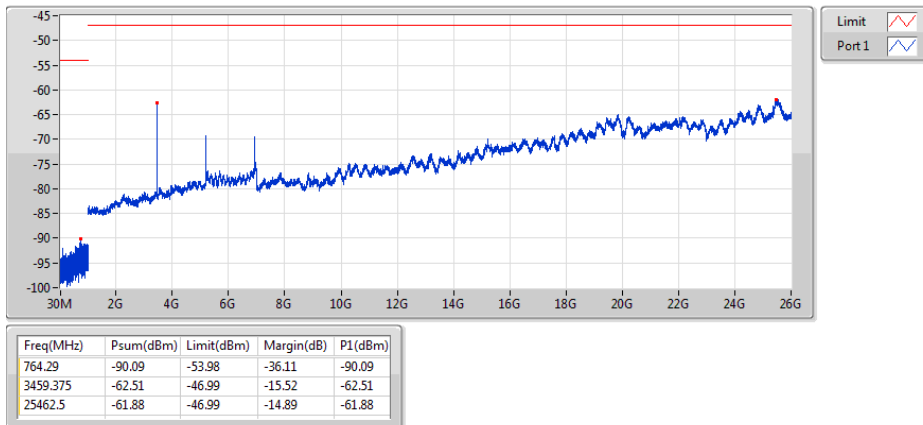
5190MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

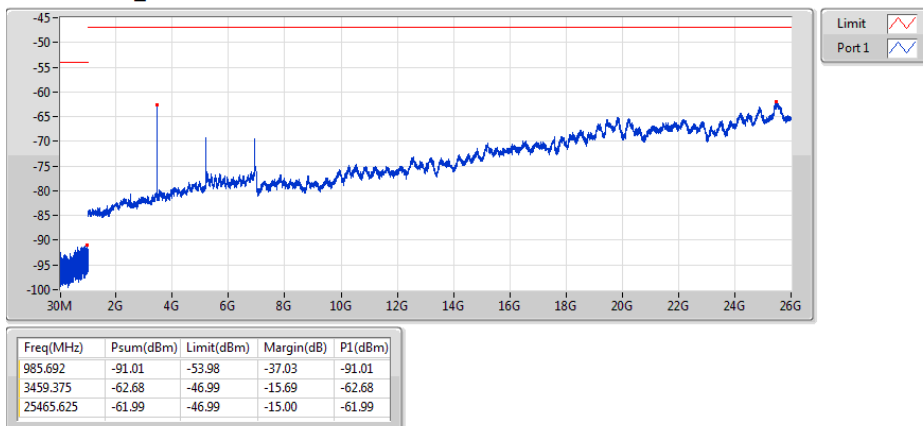
5190MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

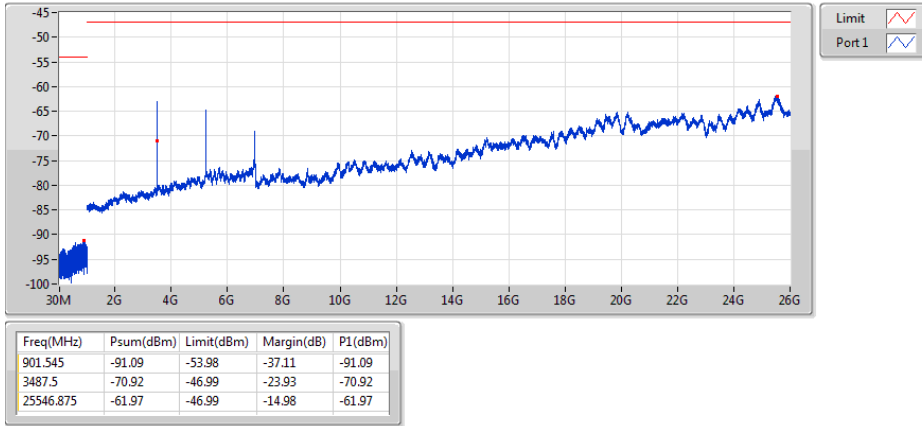
5190MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

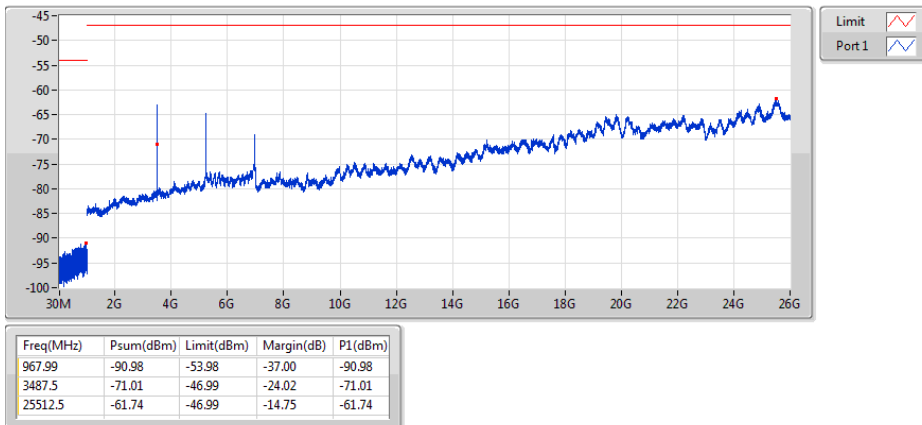
5230MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

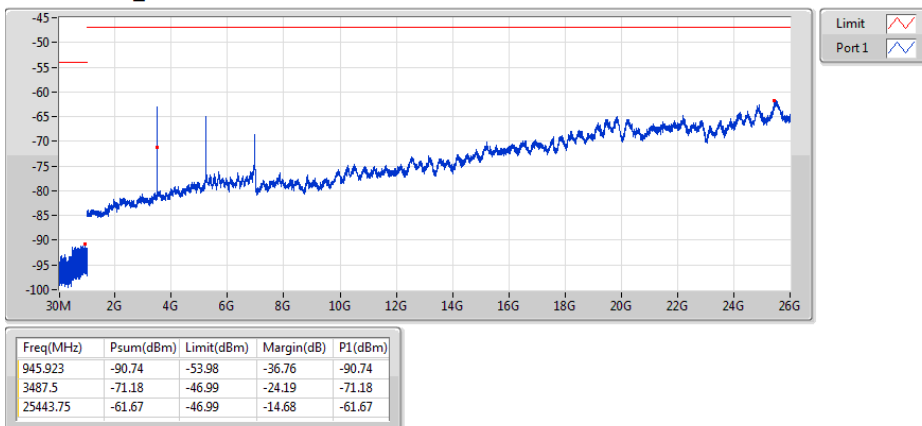
5230MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

5230MHz_TnomVmax

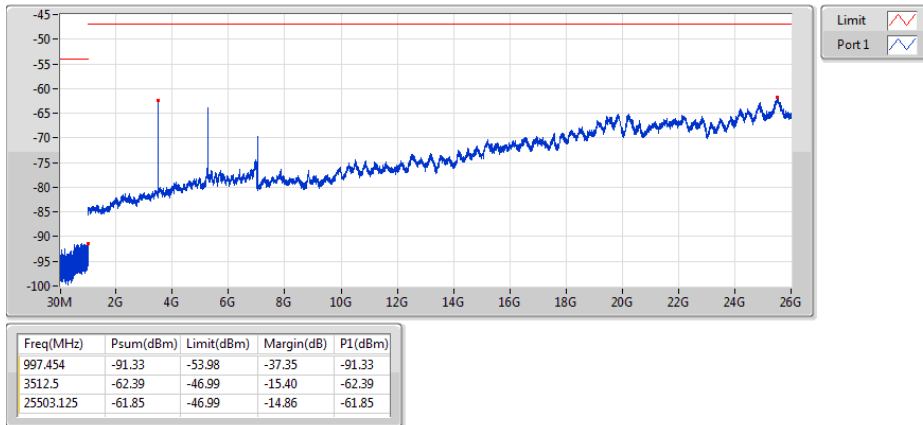




802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

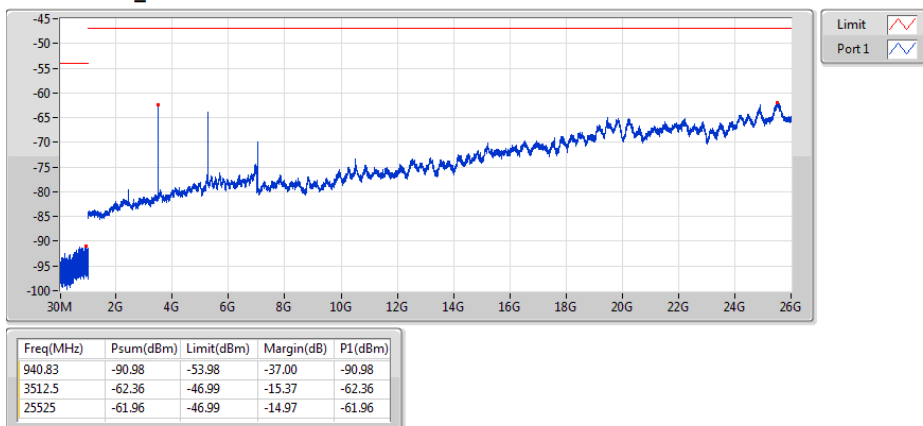
5270MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

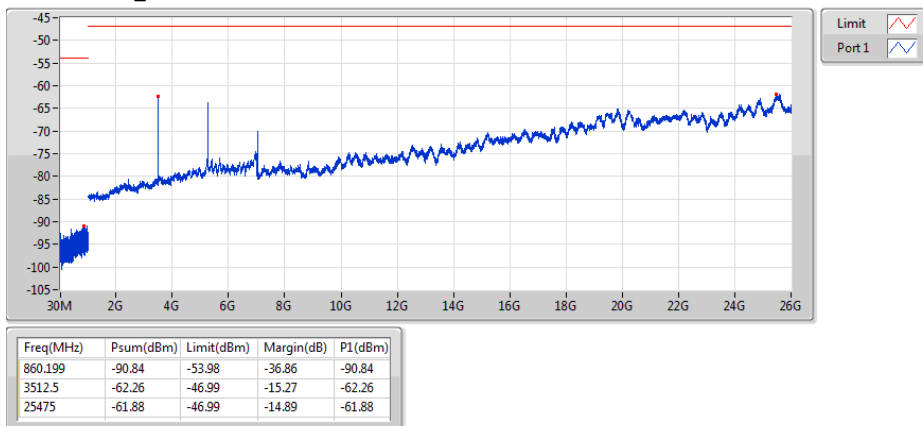
5270MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

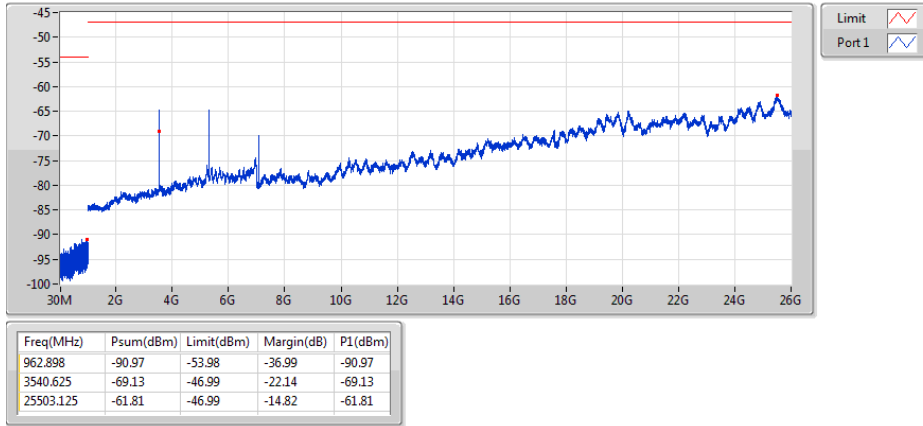
5270MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

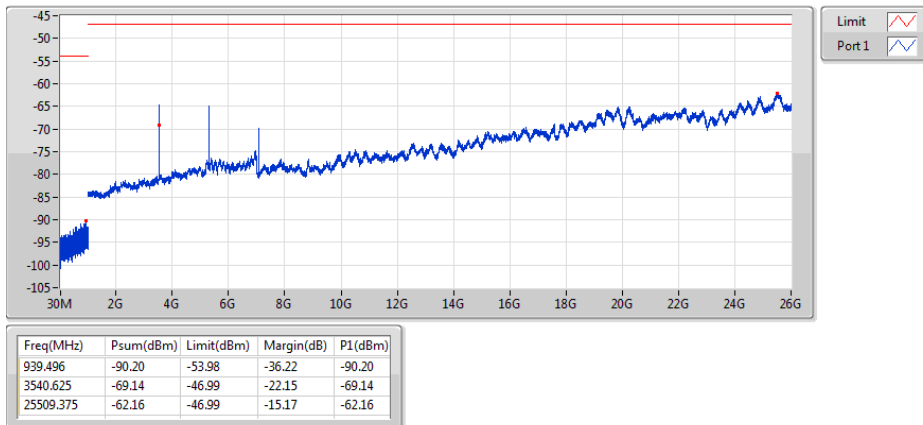
5310MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

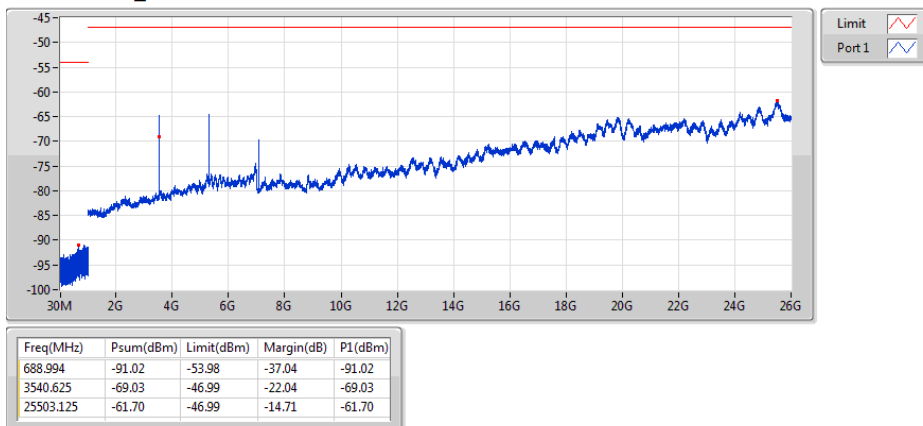
5310MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

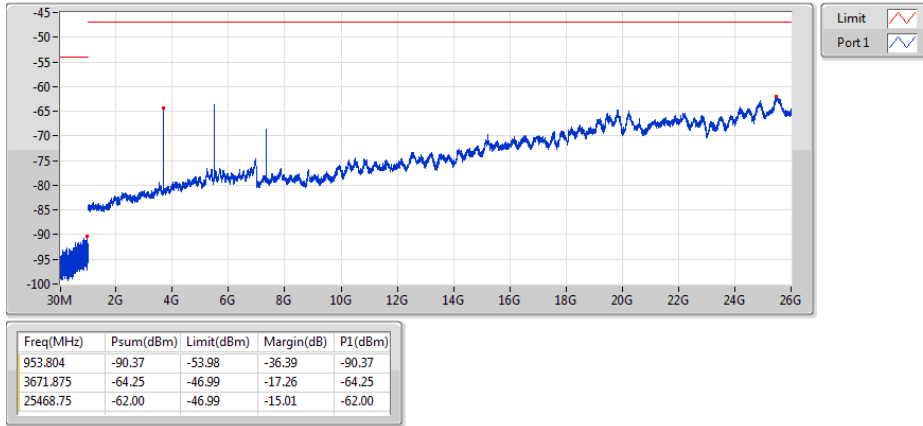
5310MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

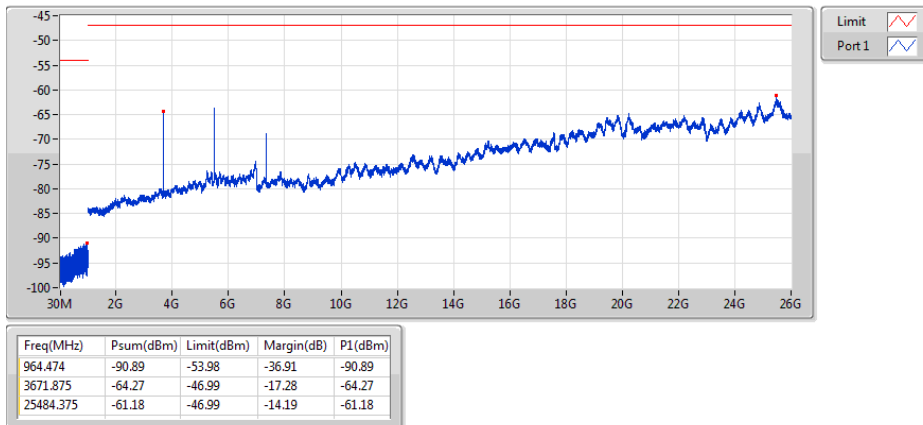
5510MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

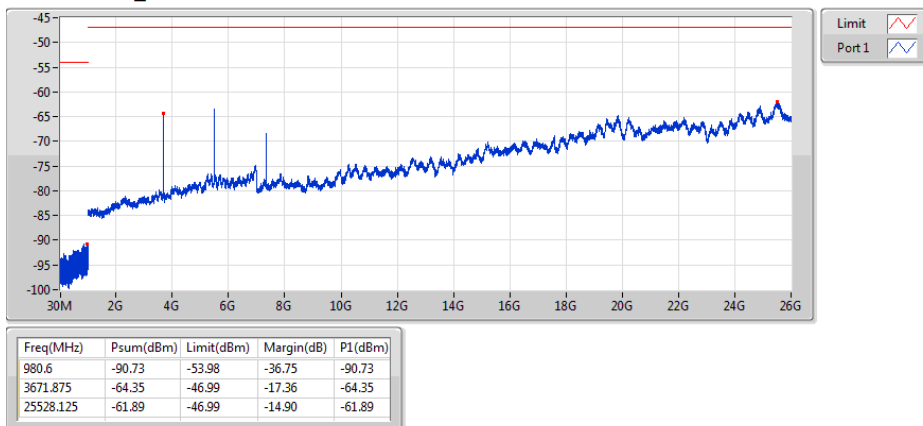
5510MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

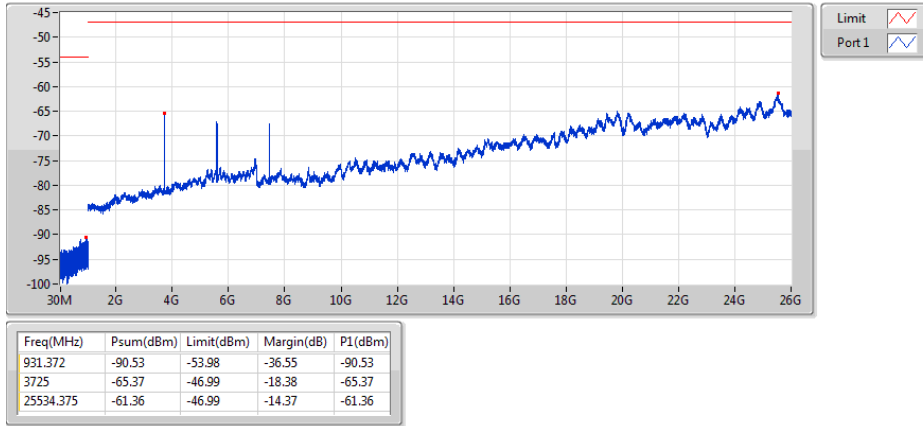
5510MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

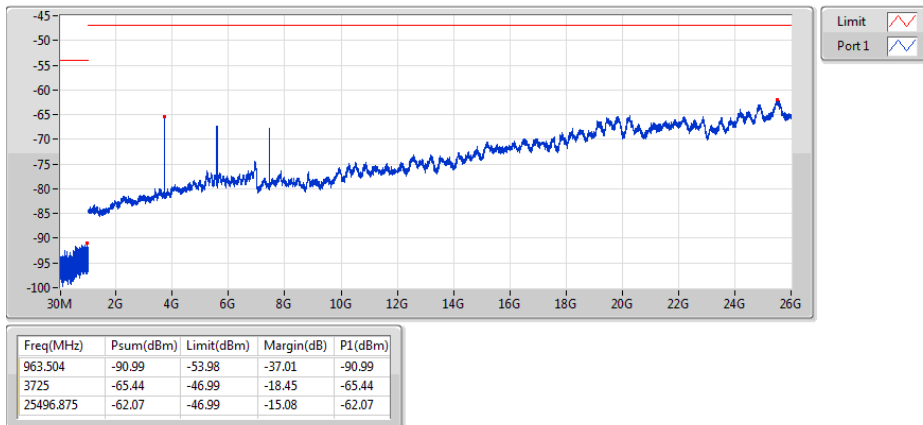
5590MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

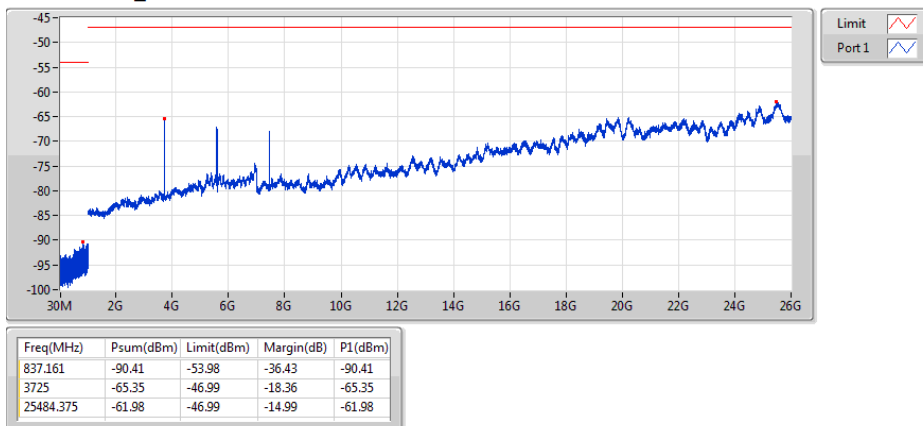
5590MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

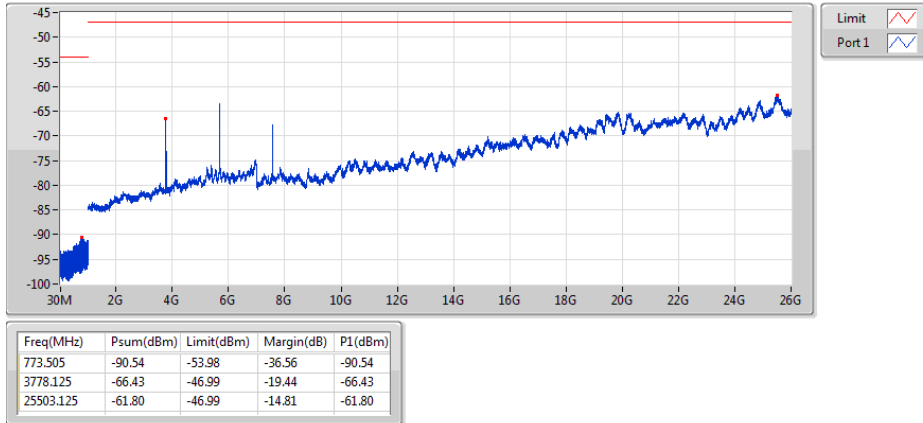
5590MHz_TnomVmax



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

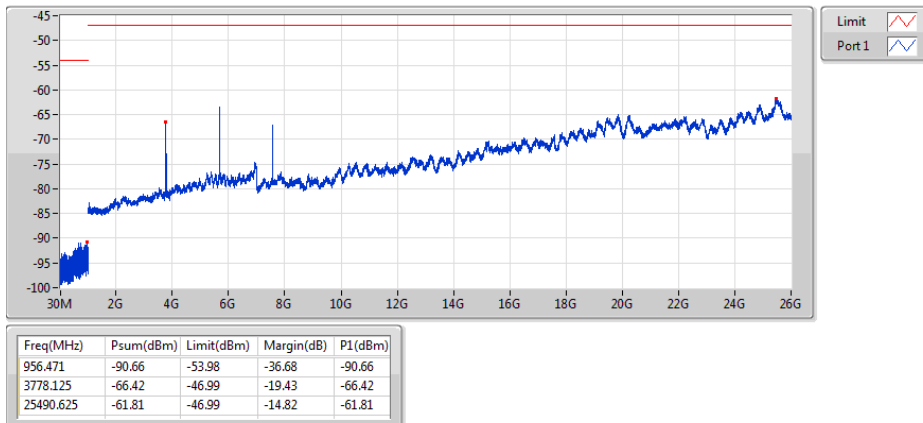
5670MHz_TnomVnom



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

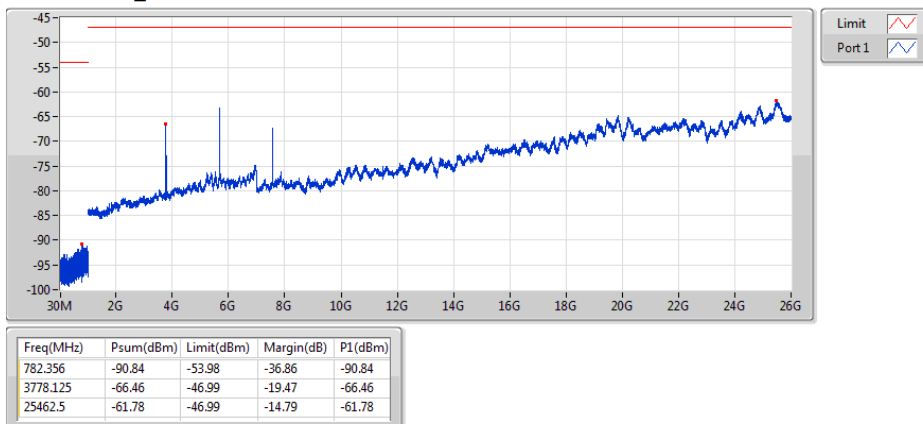
5670MHz_TnomVmin



802.11n HT40_Nss1,(MCS0)_1TX

CSE-RX

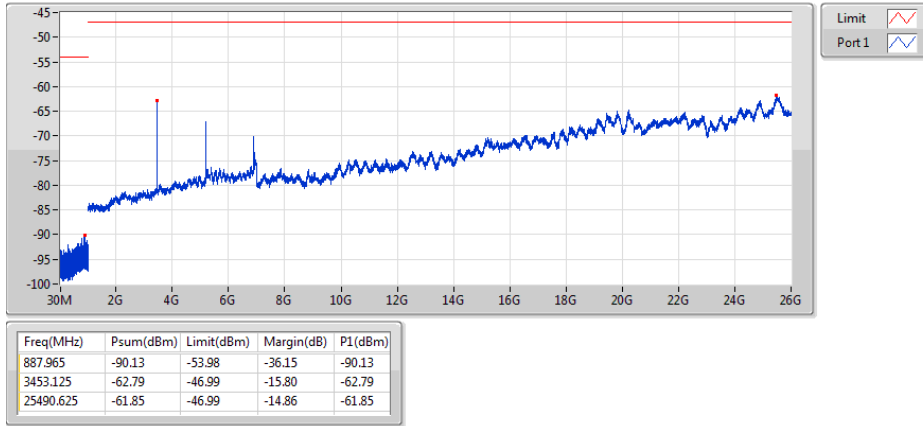
5670MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

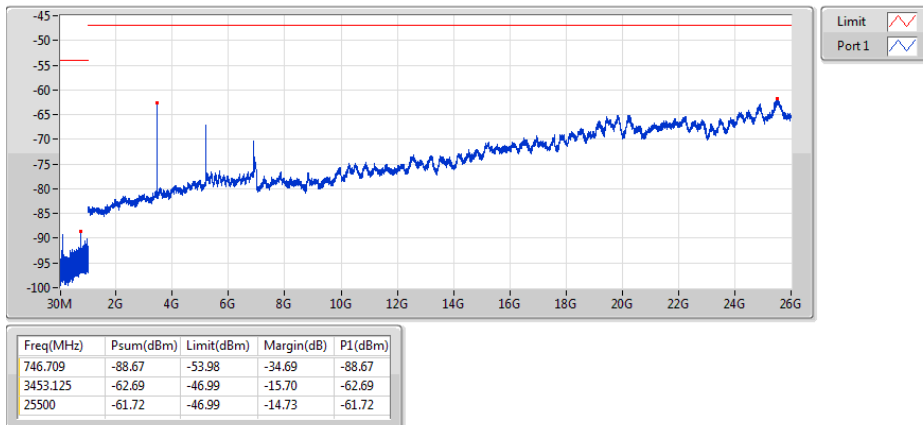
5180MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

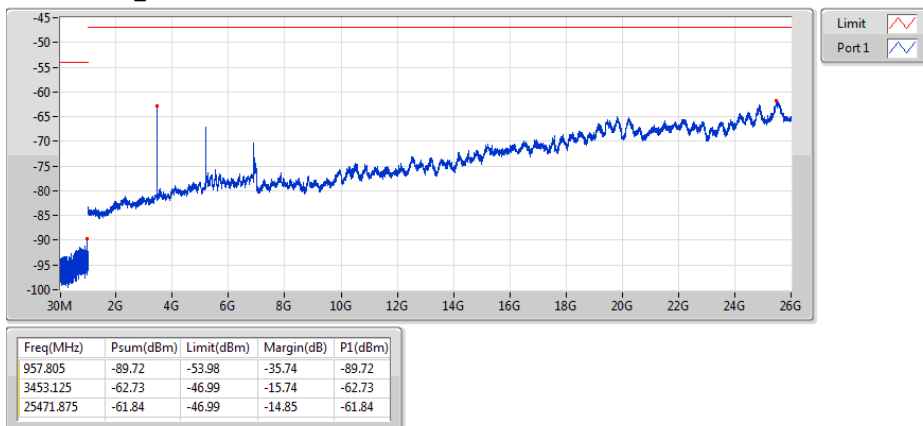
5180MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

5180MHz_TnomVmax

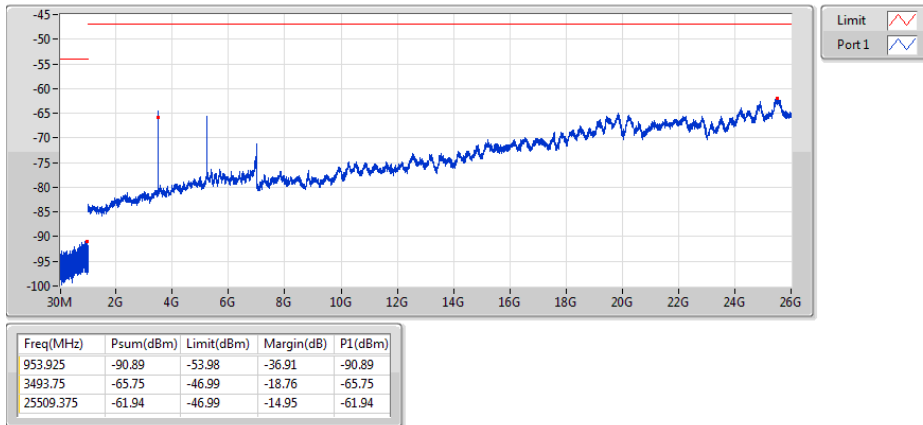




802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

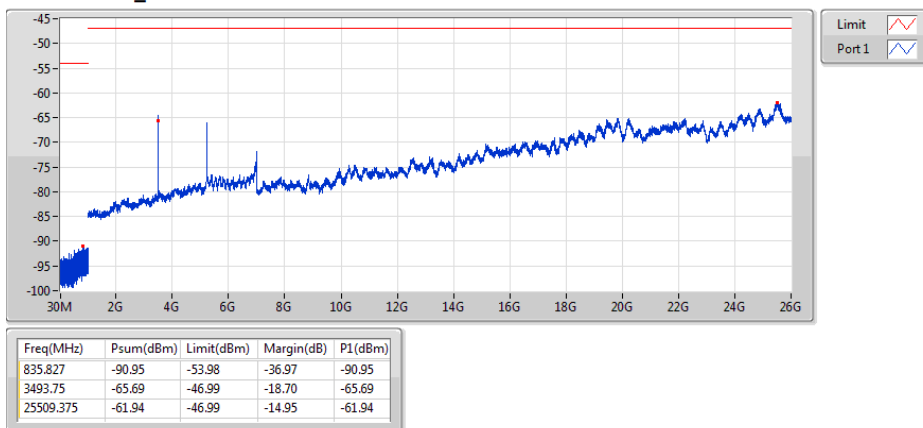
5240MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

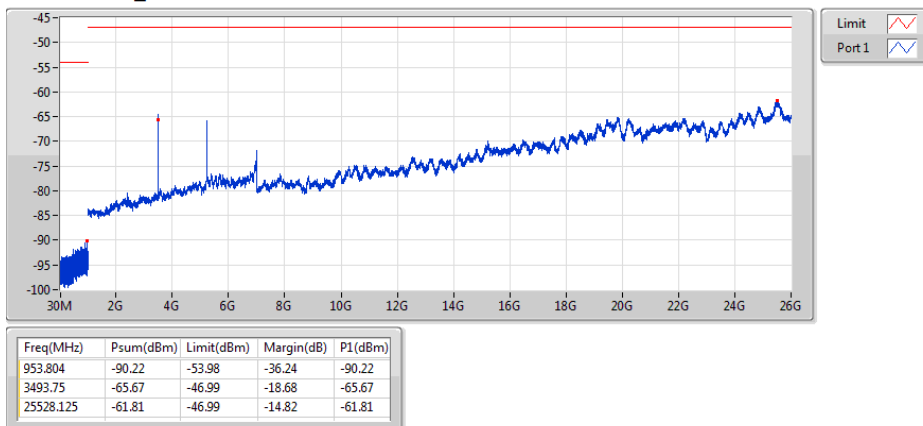
5240MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

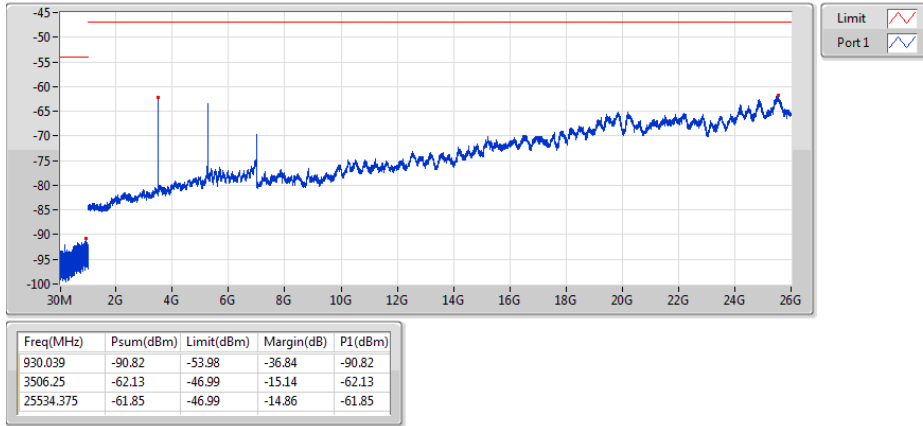
5240MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

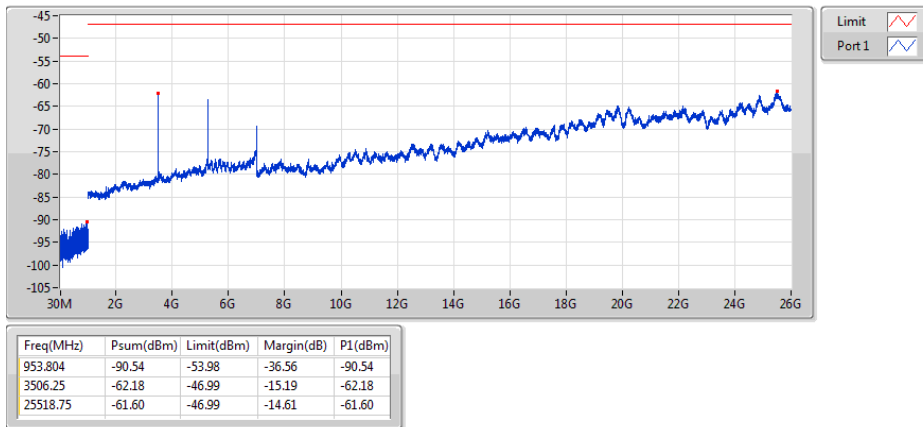
5260MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

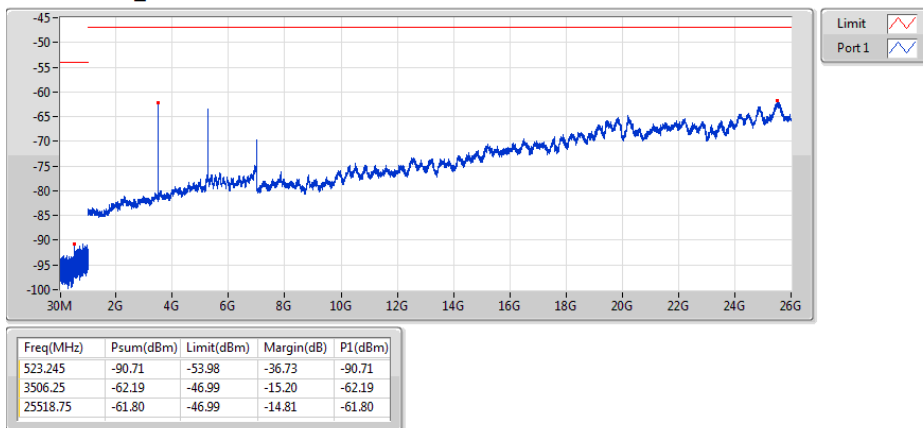
5260MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

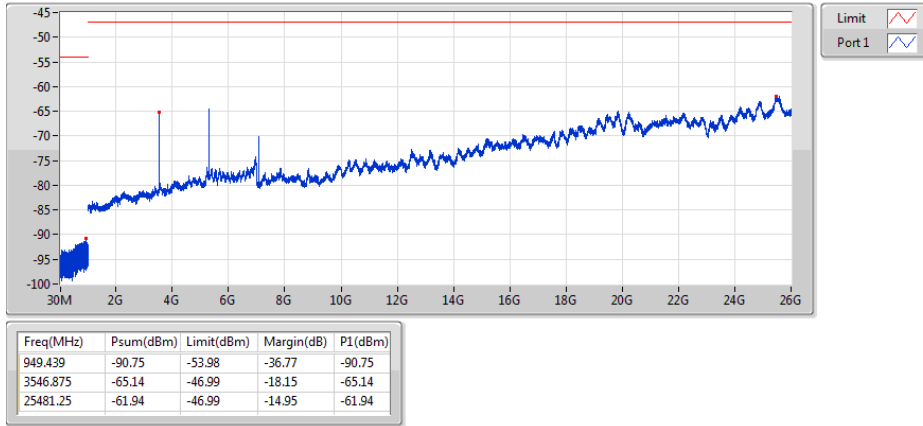
5260MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

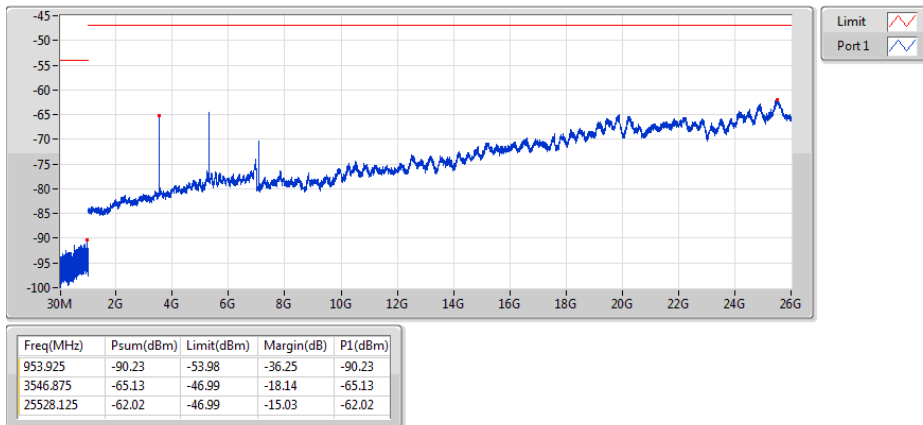
5320MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

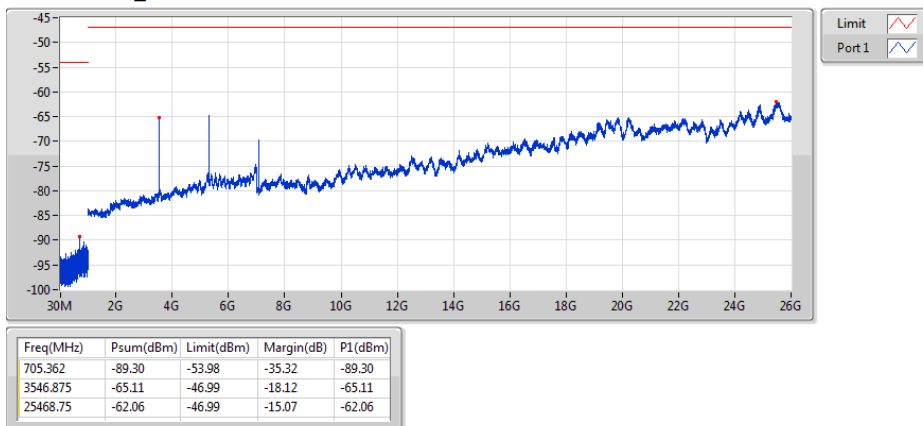
5320MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

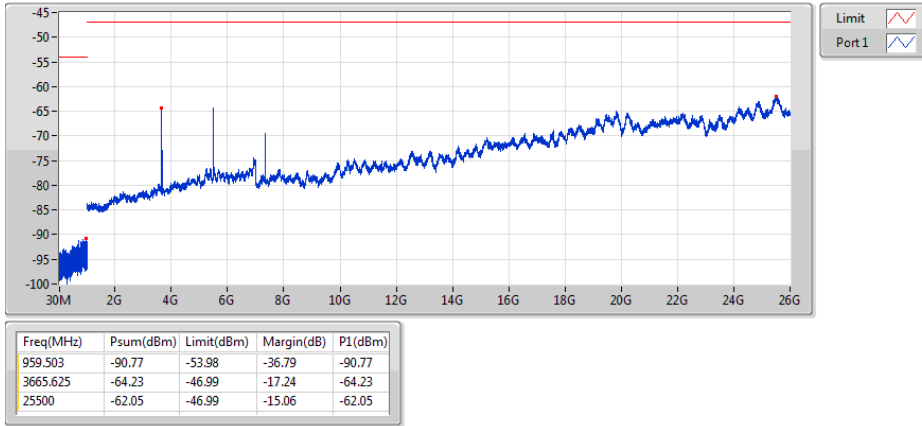
5320MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

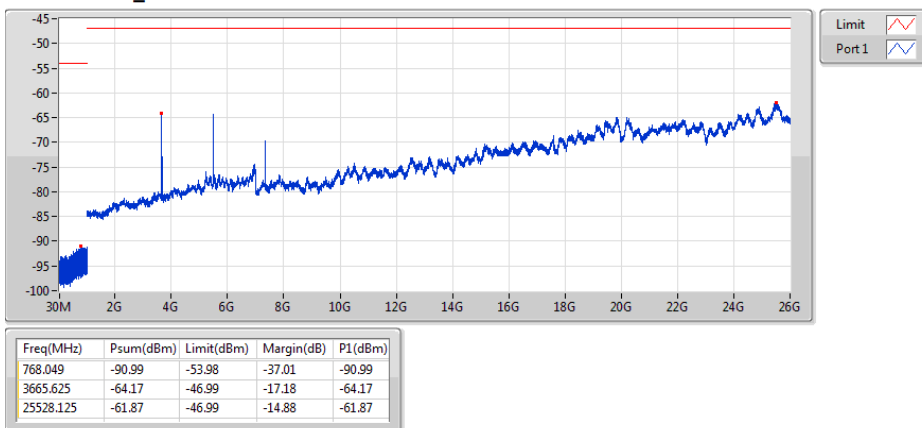
5500MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

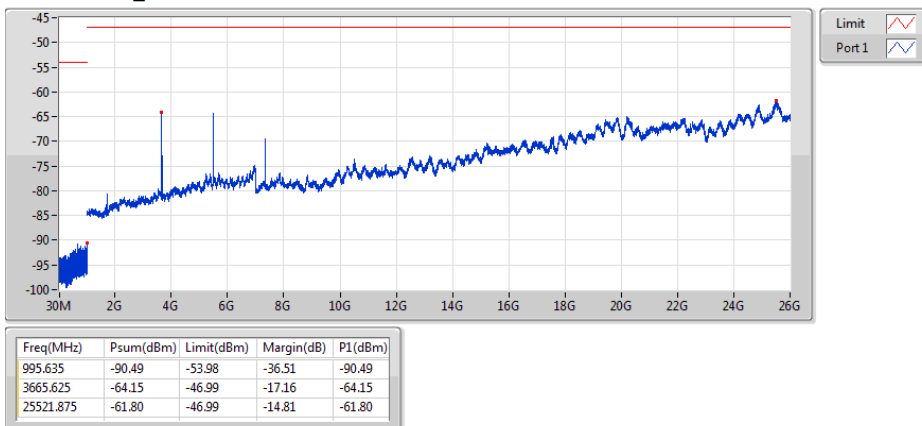
5500MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

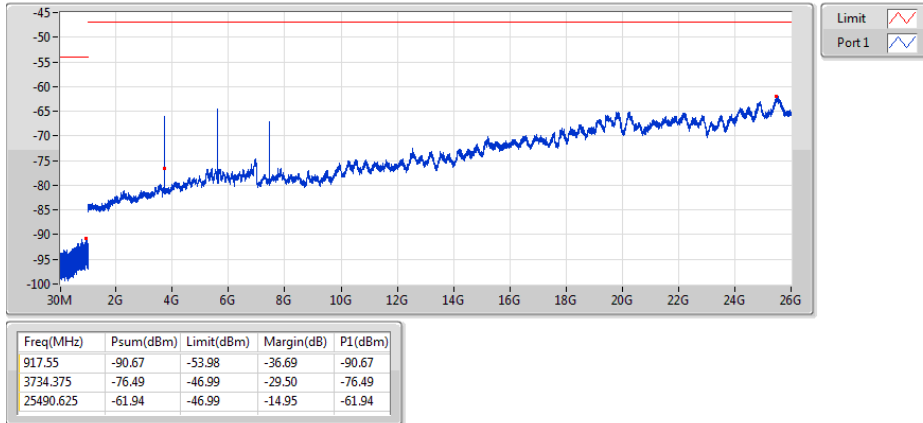
5500MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

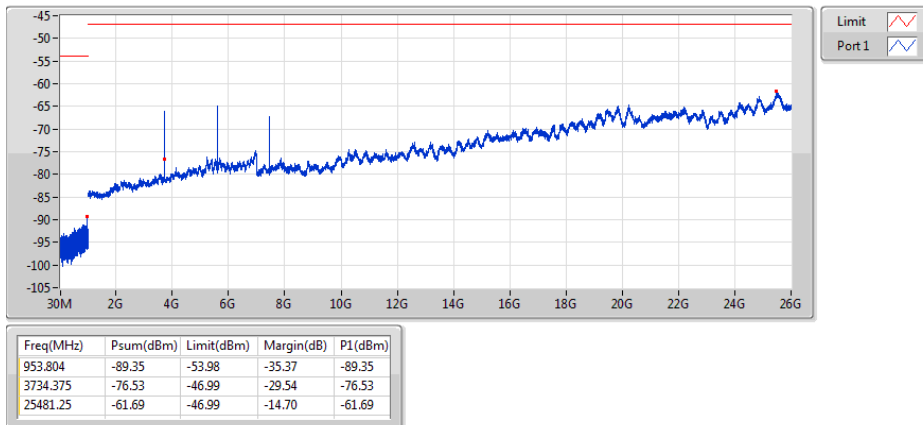
5600MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

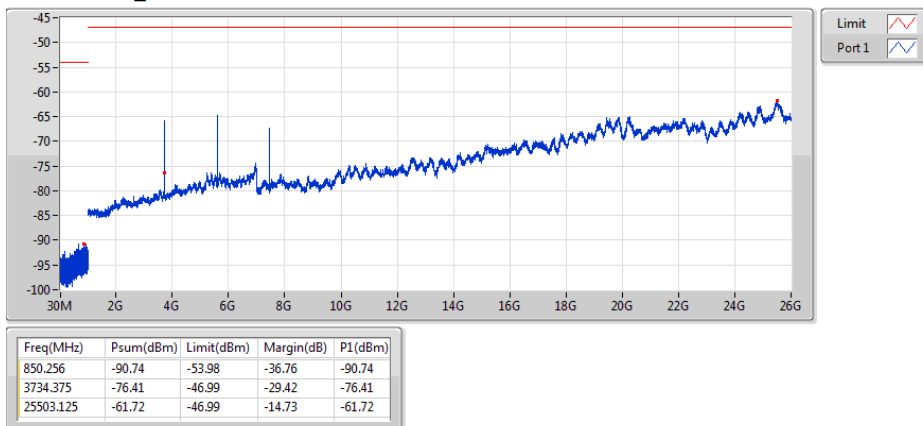
5600MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

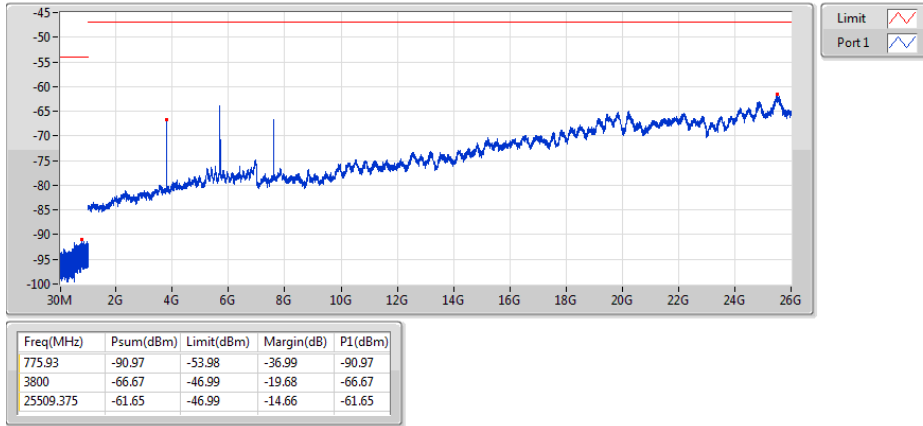
5600MHz_TnomVmax



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

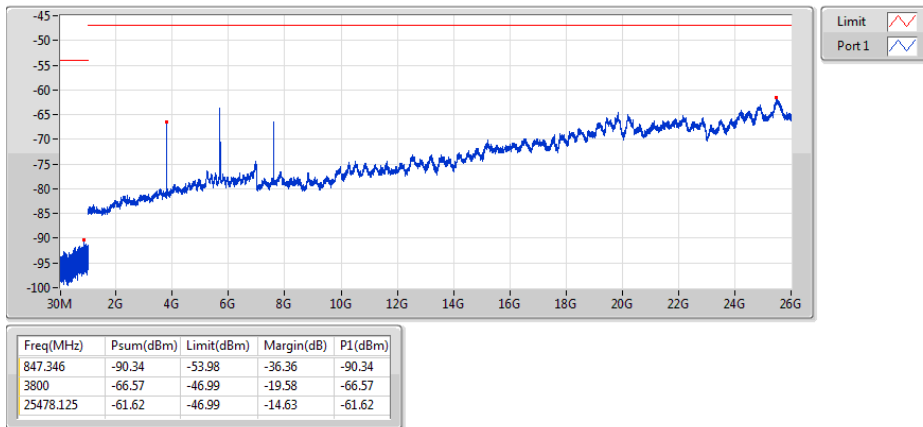
5700MHz_TnomVnom



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

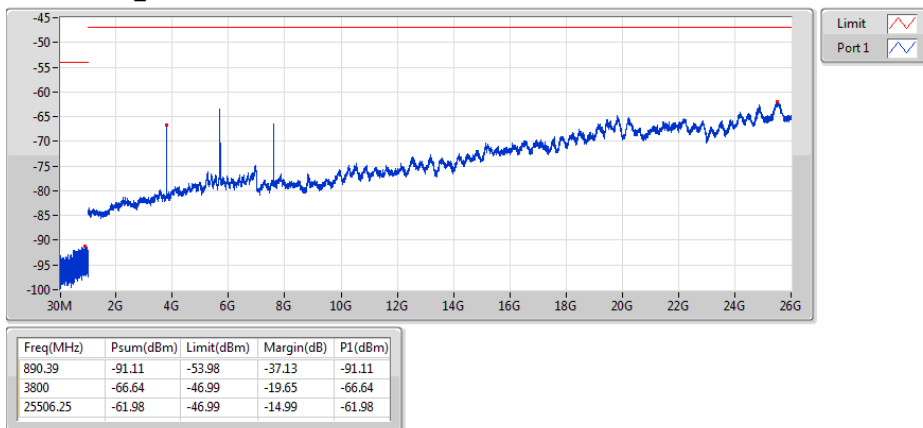
5700MHz_TnomVmin



802.11ac VHT20_Nss1,(MCS0)_1TX

CSE-RX

5700MHz_TnomVmax





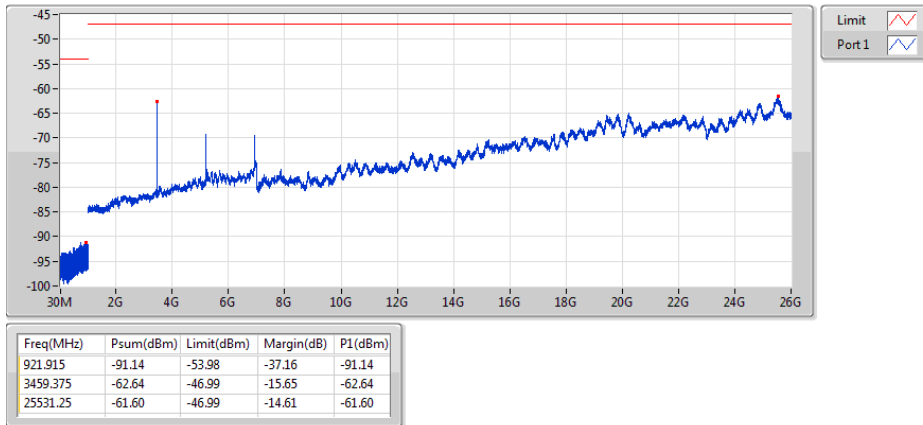
CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

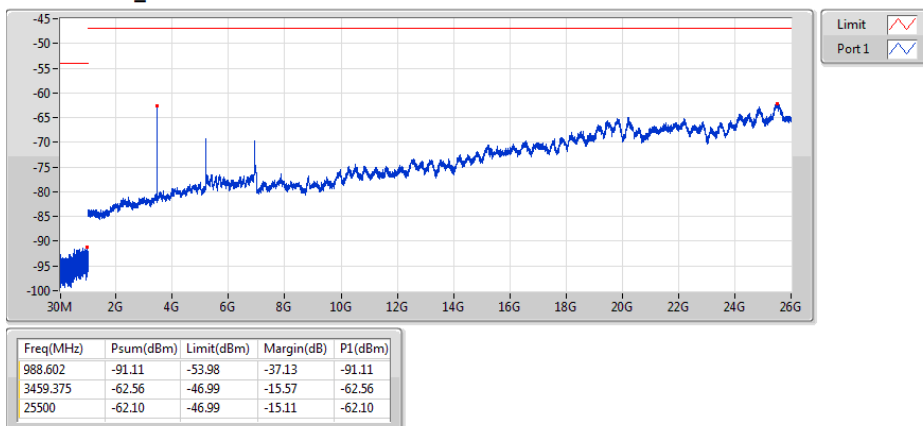
5190MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

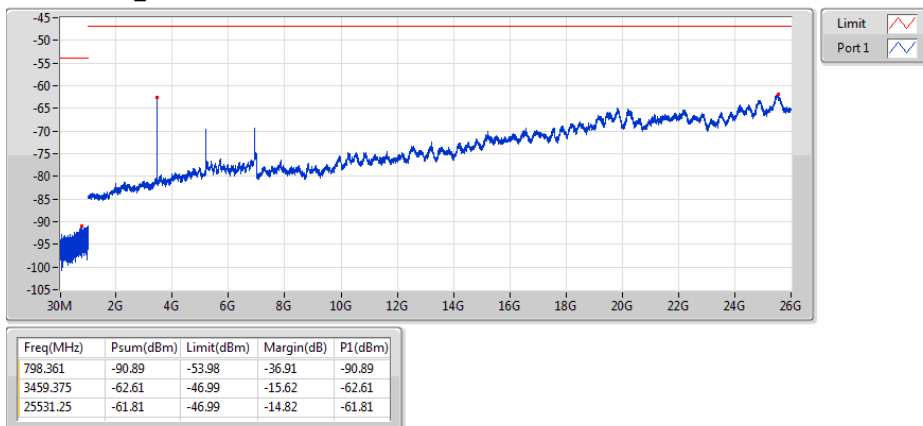
5190MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

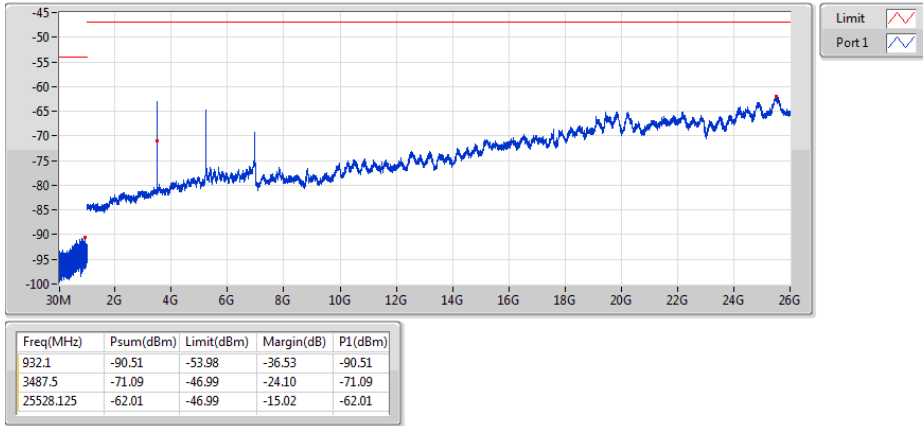
5190MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

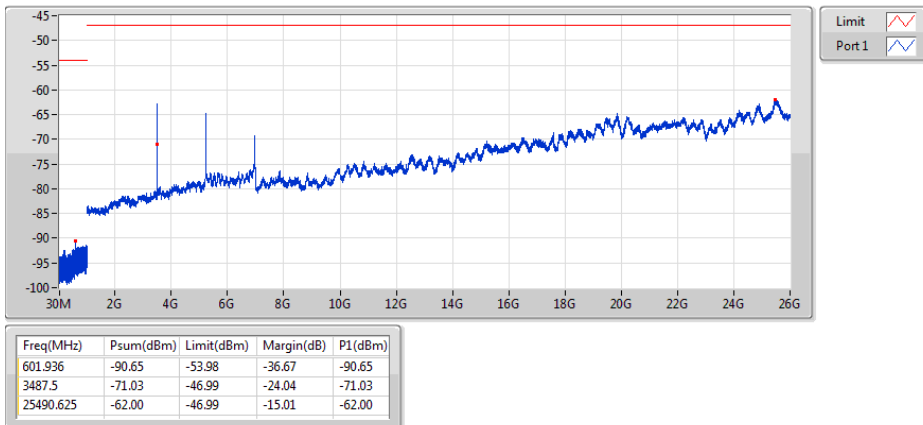
5230MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

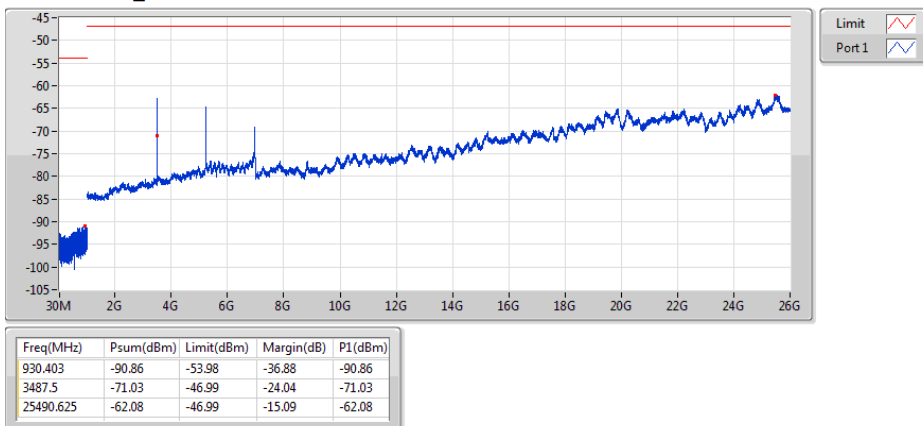
5230MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

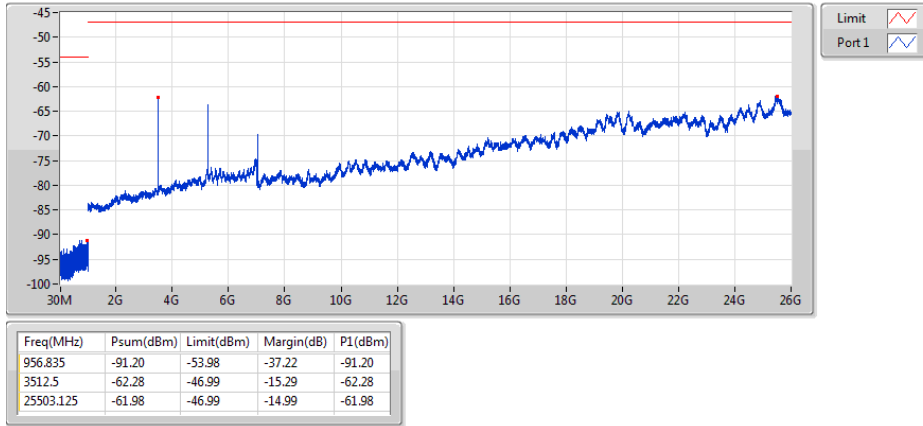
5230MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

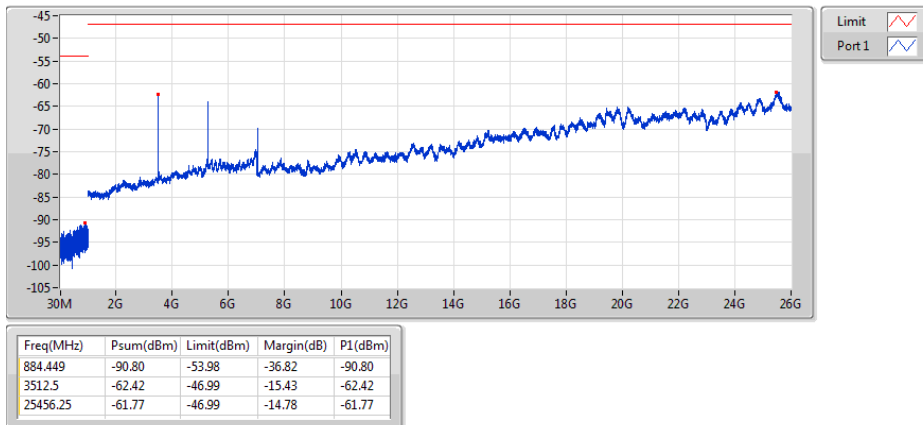
5270MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

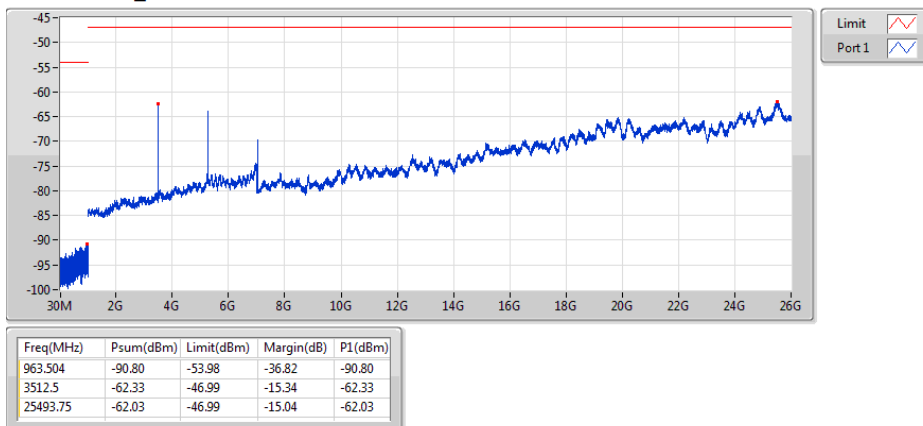
5270MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

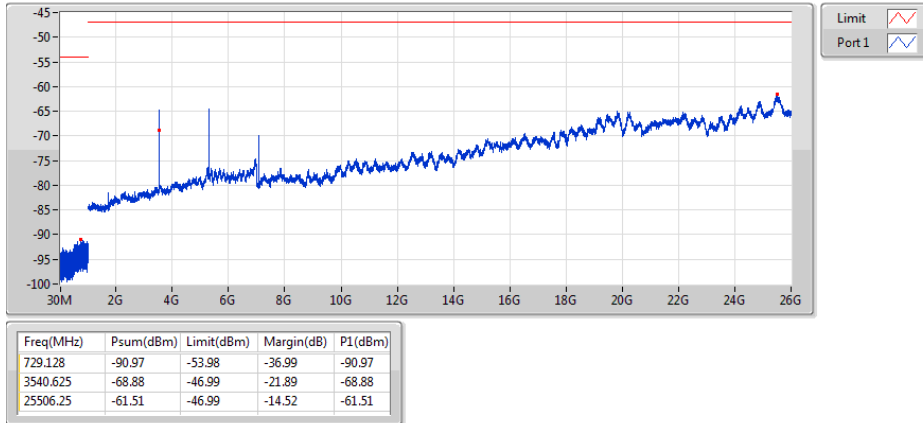
5270MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

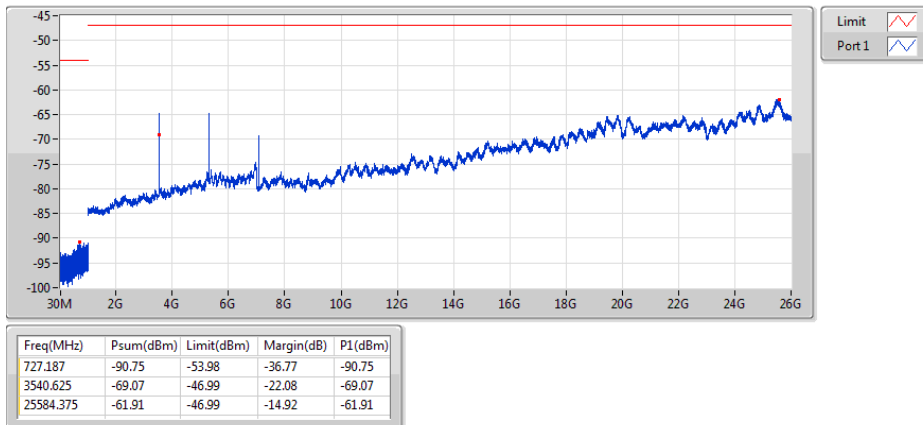
5310MHz_TnomVnom



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

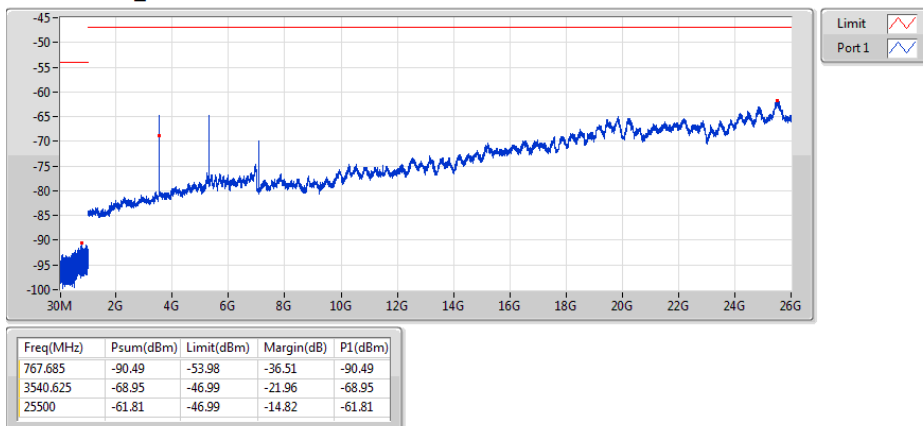
5310MHz_TnomVmin



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

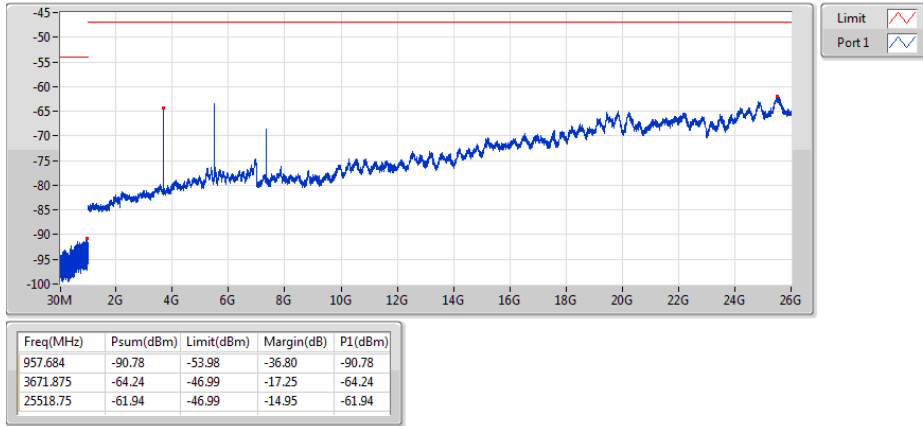
5310MHz_TnomVmax



802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

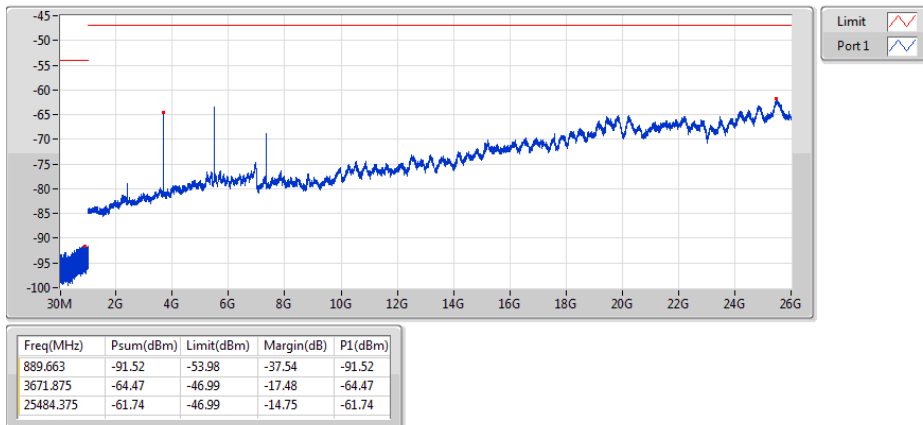
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802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

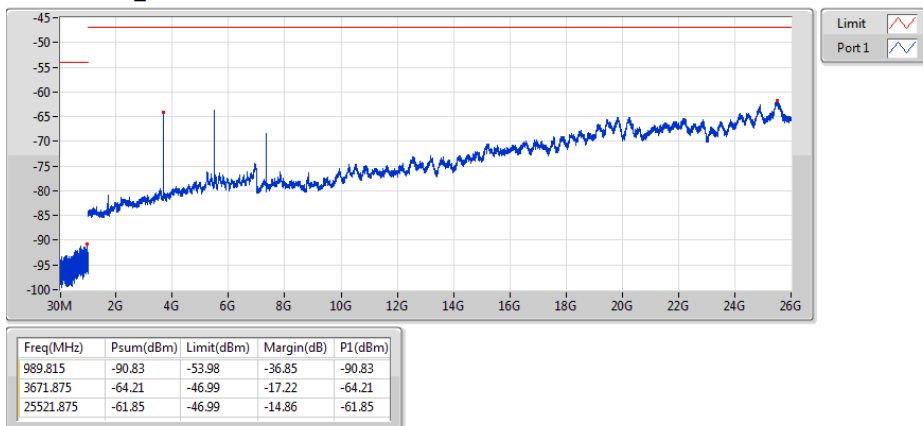
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802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

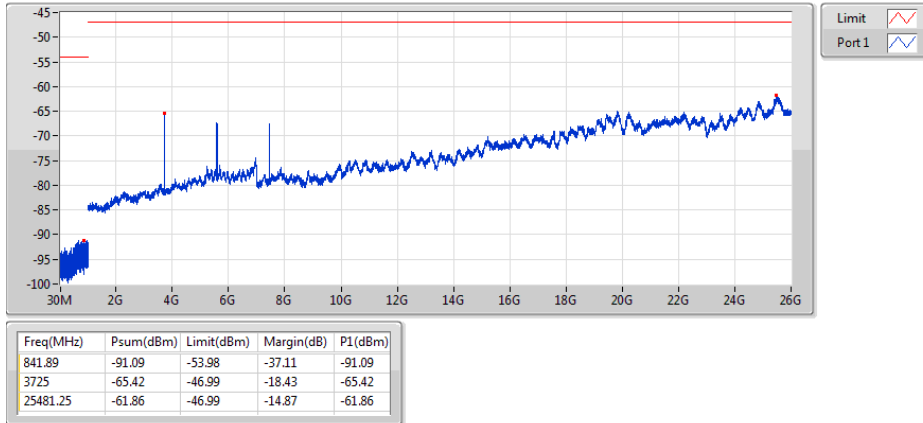
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802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

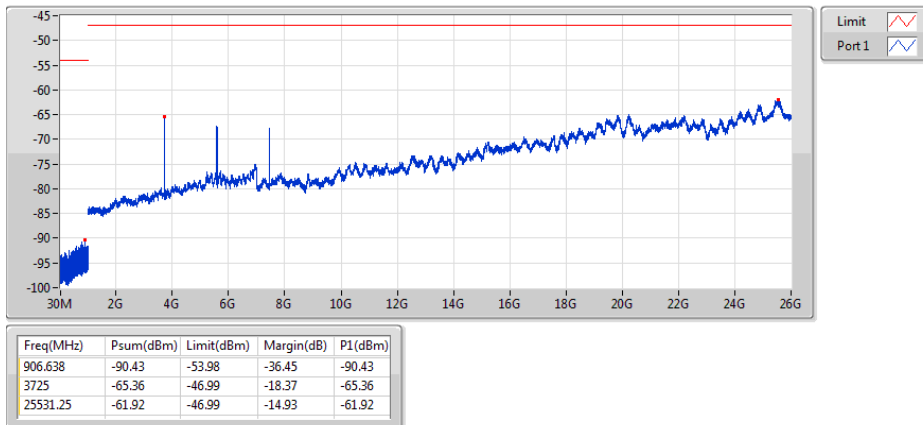
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802.11ac VHT40_Nss1,(MCS0)_1TX

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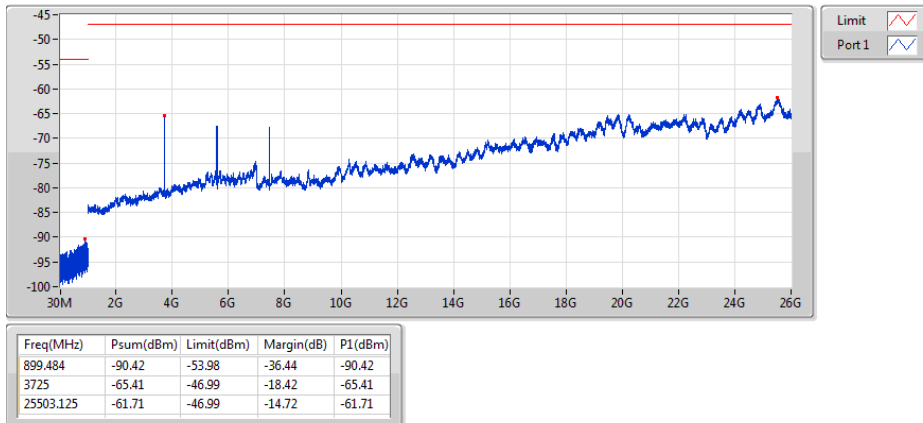
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802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

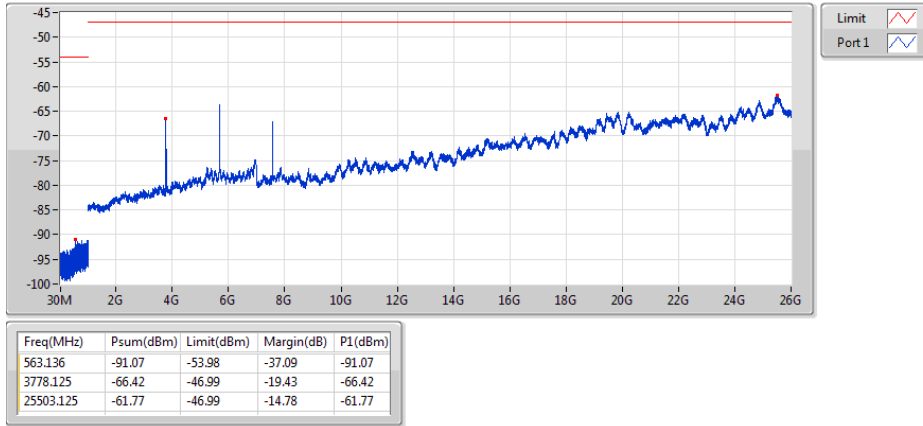
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802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

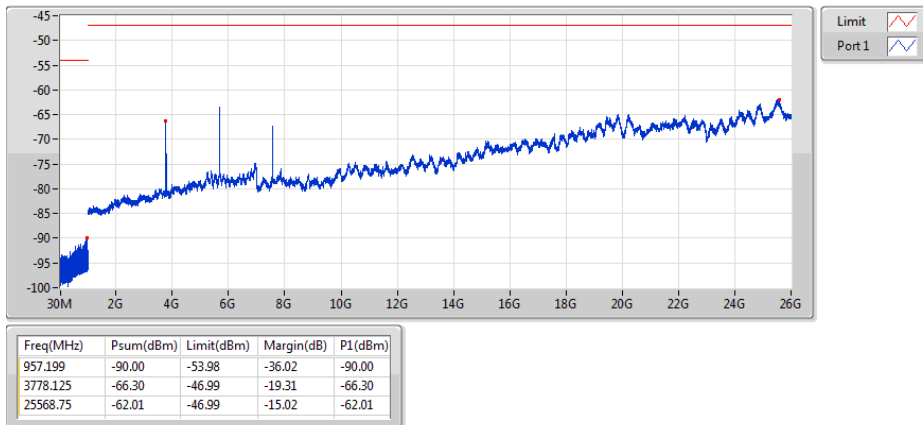
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802.11ac VHT40_Nss1,(MCS0)_1TX

CSE-RX

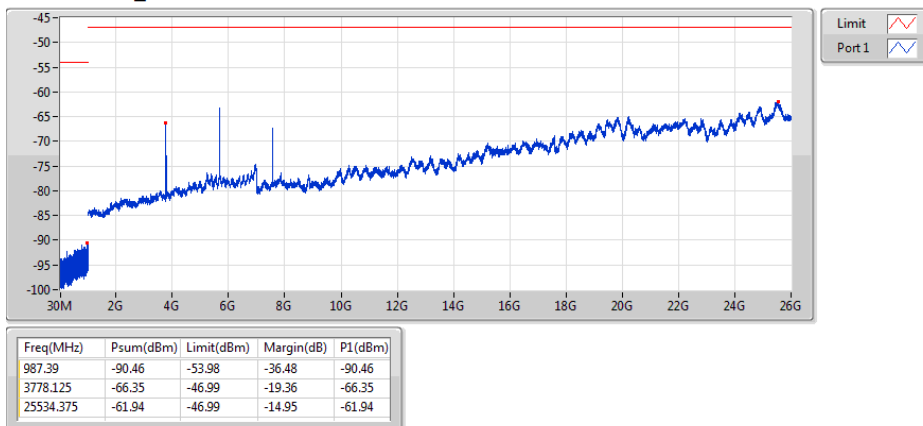
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802.11ac VHT40_Nss1,(MCS0)_1TX

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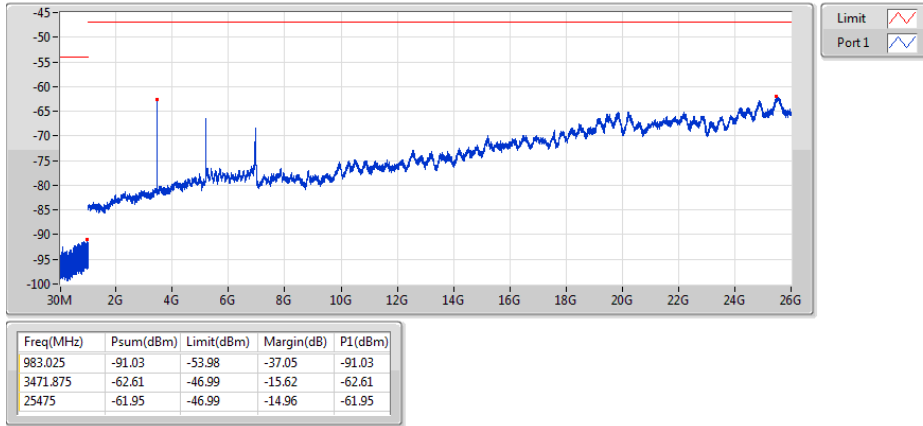
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802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

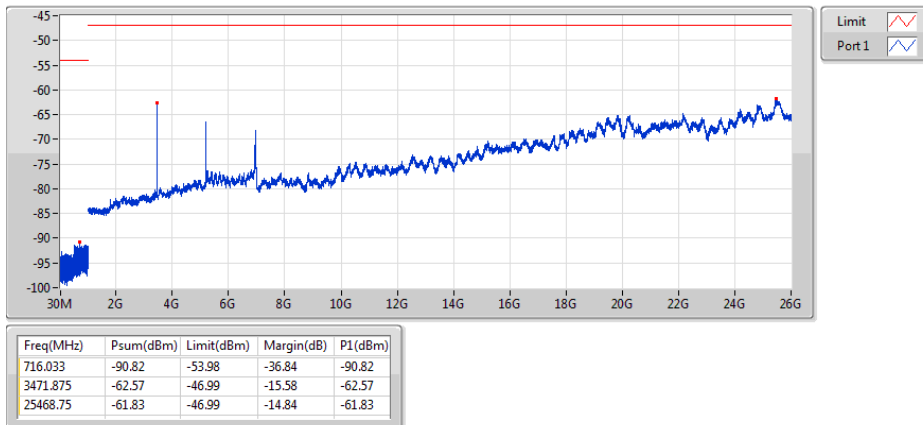
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802.11ac VHT80_Nss1,(MCS0)_1TX

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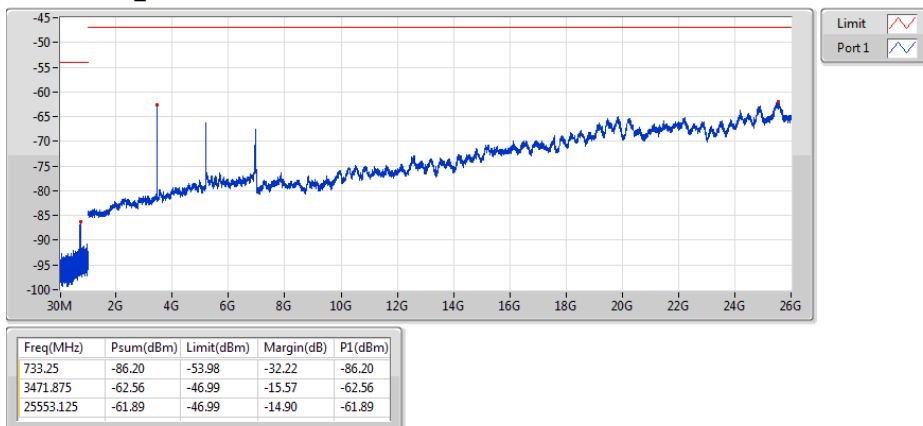
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802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

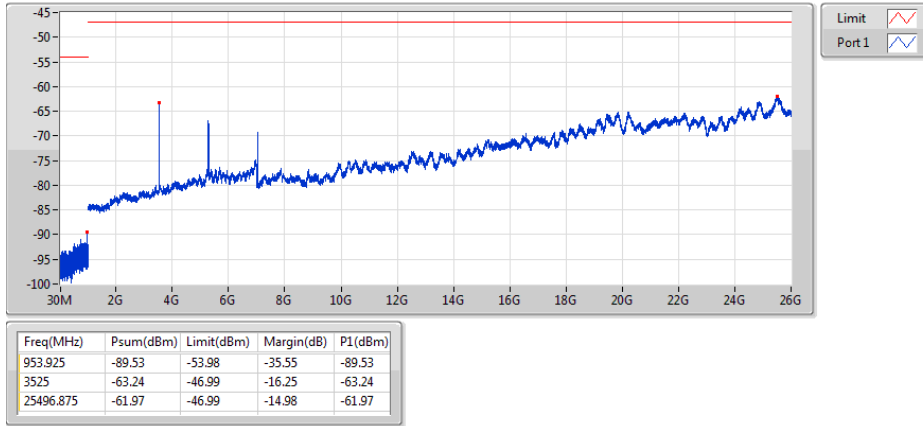
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802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

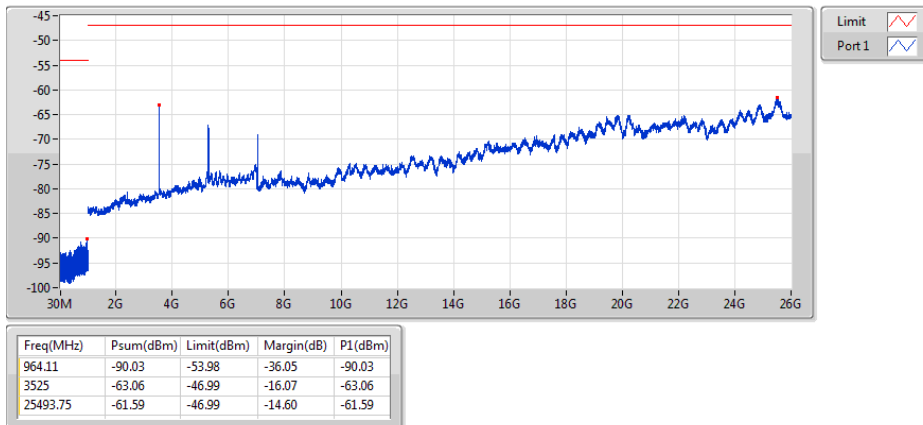
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802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

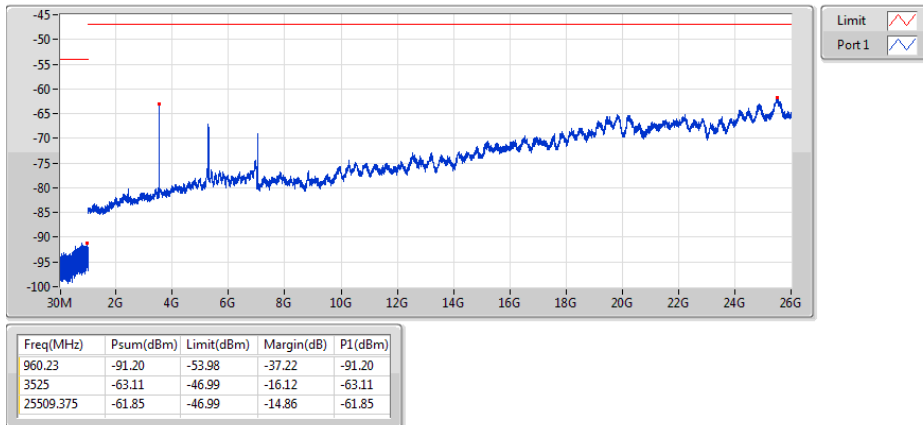
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802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

5290MHz_TnomVmax

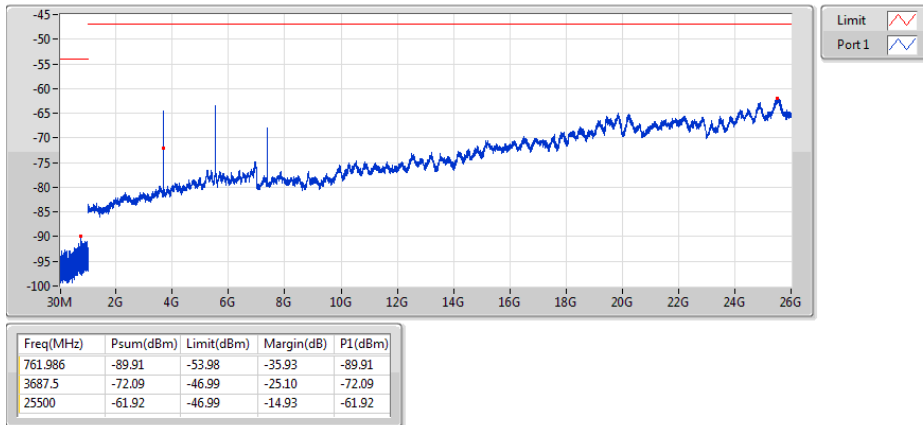




802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

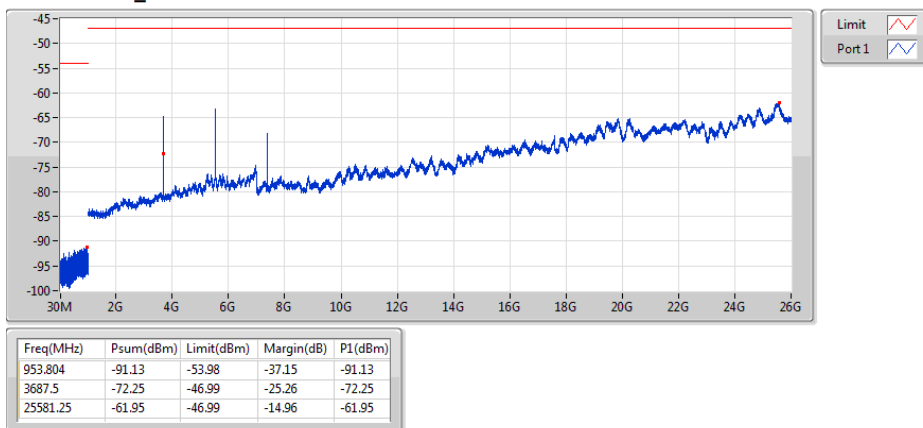
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802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

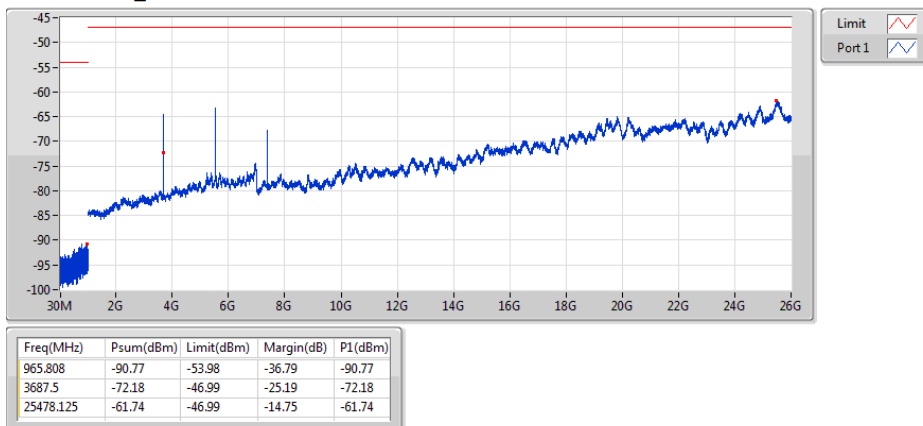
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802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

5530MHz_TnomVmax

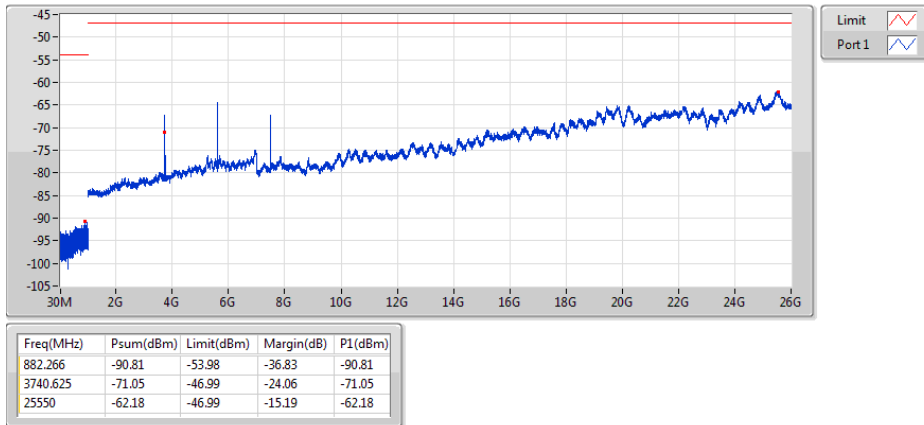




802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

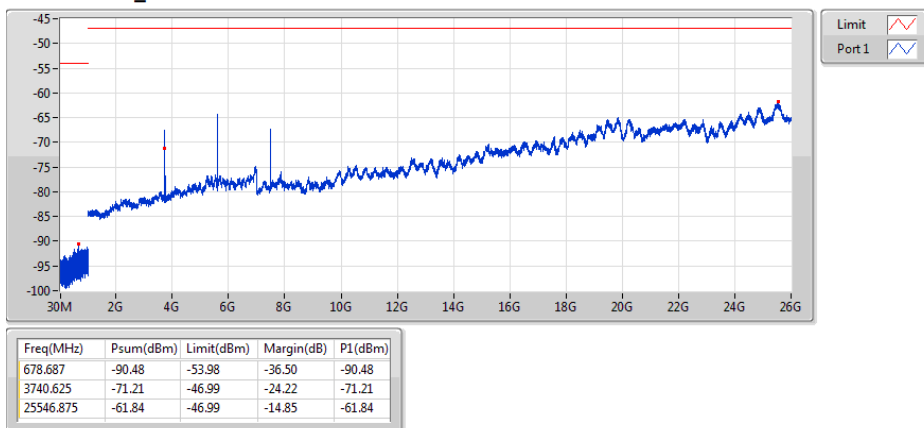
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802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

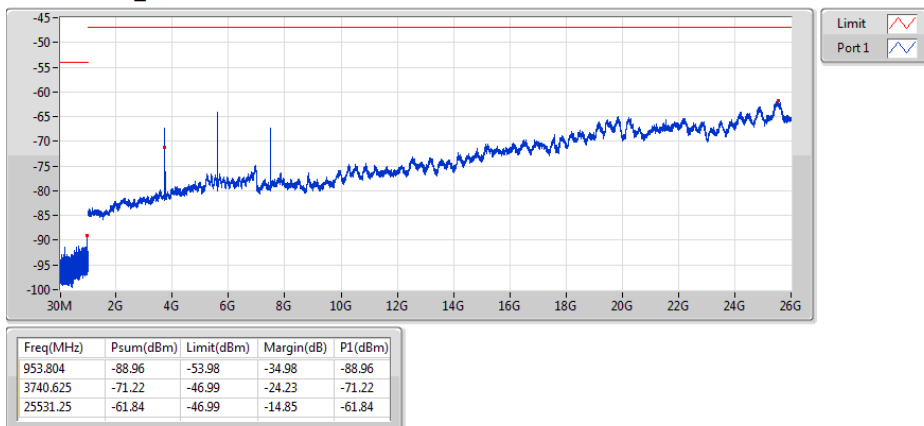
5610MHz_TnomVmin



802.11ac VHT80_Nss1,(MCS0)_1TX

CSE-RX

5610MHz_TnomVmax



Appendix A. Antenna Information

2.4 GHz / 5.5 GHz Dipole 2 dBi Antenna for Reverse Polarity SMA



ORDERING INFORMATION

Order Number	Description
001-0009	2.4/5.5GHz Dipole Antenna for Reverse Polarity SMA Connector.
080-0001	U.FL to Reverse Polarity SMA Cable, 105mm

Table 1 Orderable Part Numbers

SPECIFICATIONS

Specification	Value
2.4Ghz Band Peak Gain	+2 dBi
5 GHz Band Peak Gain	+2 dBi
Impedance	50 ohms, Nominal
Type	Dipole
Polarization	Linear Vertical
VSWR	≤2.0 : 1, Maximum
Frequency	2400-2500MHz, 5150-5850MHz
Weight	22g
Size	137 × 13 mm
Antenna Color	Black
Operating Temp	−20°C + 65°C
UL Rating	UL 94HB

Table 2 Specifications

PHYSICAL DIMENSIONS (MM)

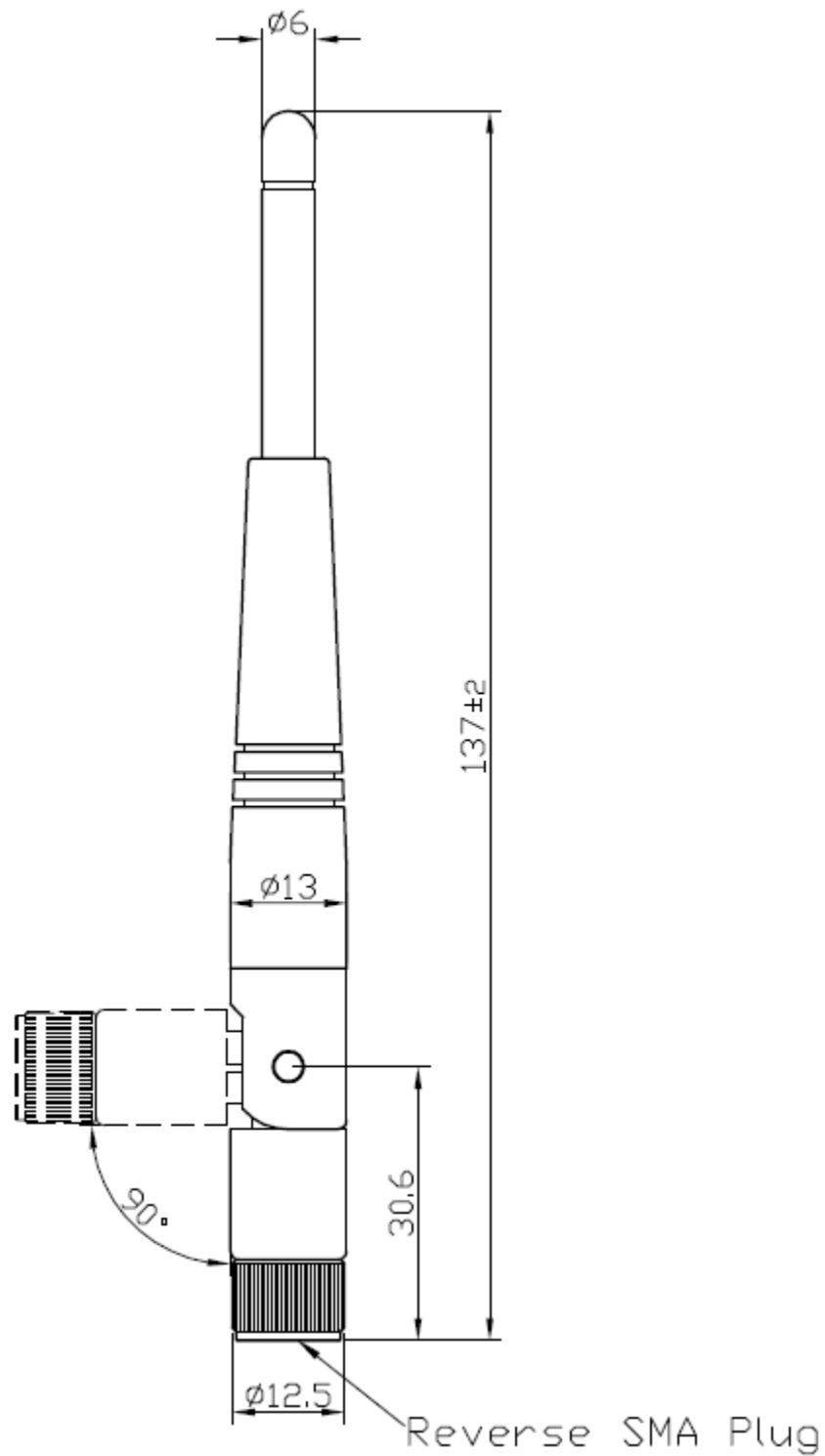


Figure 1 Physical Dimensions

TYPICAL ANTENNA REFLECTION PERFORMANCE

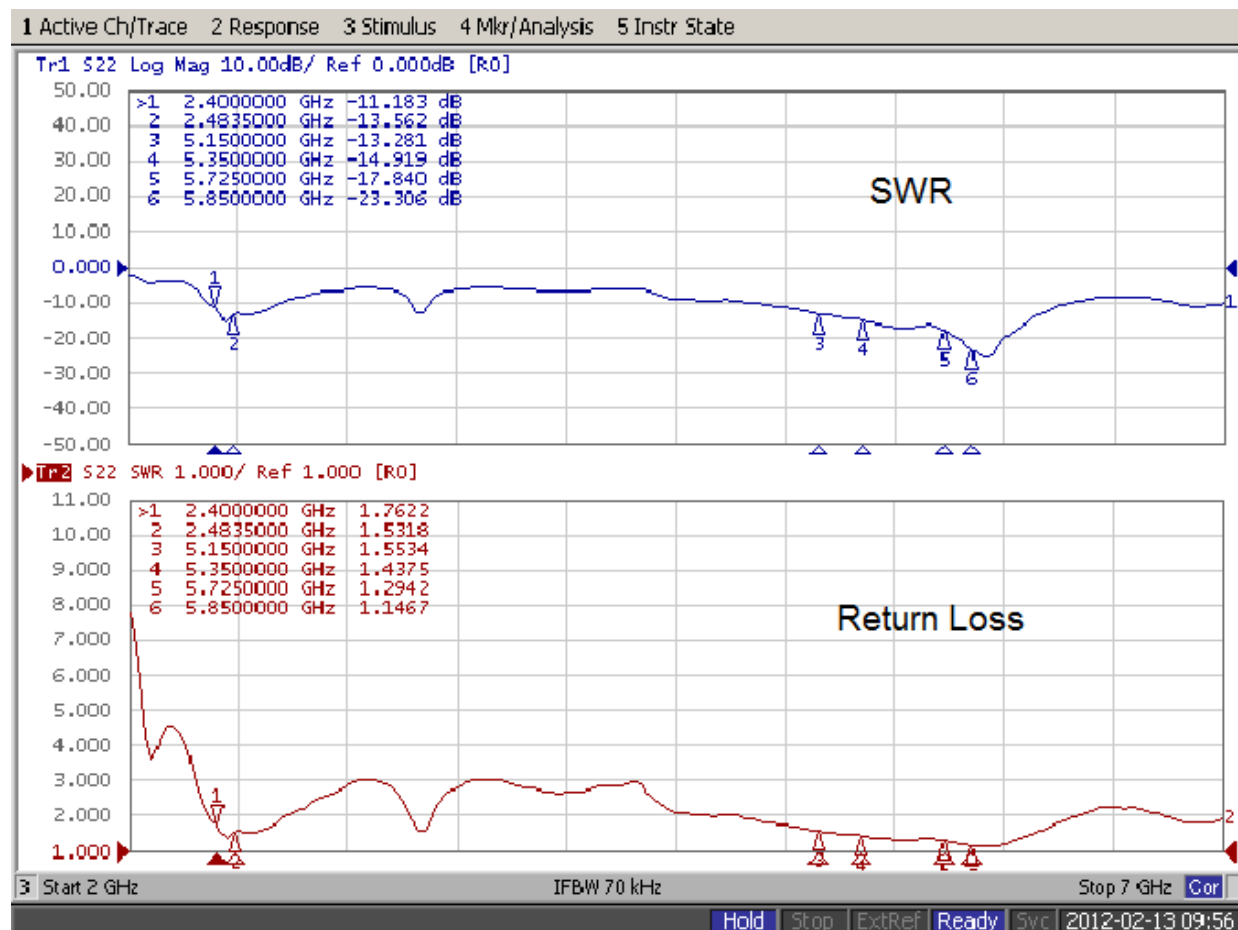


Figure 2 Typical Antenna Reflection Performance

TYPICAL ANTENNA RADIATION PERFORMANCE

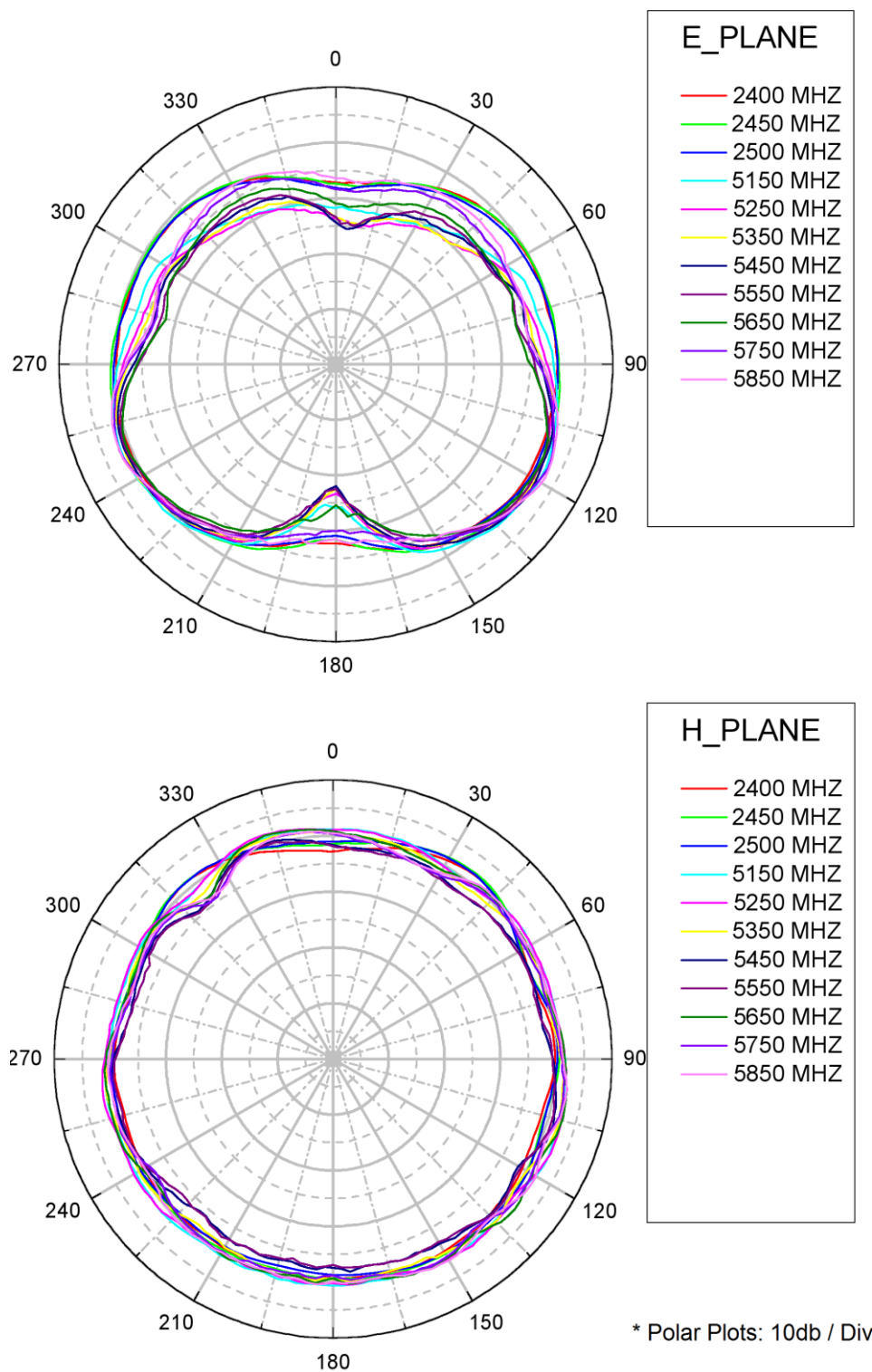


Figure 3 Typical Antenna Radiation Performance

CONTACTING LS RESEARCH

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Technical Support	forum.lsr.com
Sales Contact	sales@lsr.com

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2.4 / 5.5 GHz FlexPIFA 3 dBi Antenna w/U.FL Cable, 100mm



ORDERING INFORMATION

Order Number	Description
001-0016	2.4 / 5.5 GHz FlexPIFA Antenna w/U.FL cable, 100mm
001-0021	2.4 / 5.5 GHz FlexPIFA Antenna w/MHF4L cable, 100mm

Table 1 Orderable Part Numbers

KEY FEATURES

- Can be installed on different non-conductive surfaces and thicknesses.
- Can be installed near metals or the human body.
- Dual Band Antenna: 2.4 GHz and 5 GHz
- Can be installed on flat or curved surfaces.
- Quick and easy Installation
- Adhesive holds to surface during humidity exposure and hot/cold cycles.
- RoHS Compliant

SPECIFICATIONS

Specification	Value
2.4 GHz Band Peak Gain	+2.5 dBi
5 GHz Band Peak Gain	+3 dBi
2.4 GHz Average Gain	> -1.9 dBi
5 GHz Average Gain	> -4.0 dBi
Impedance	50 ohms
Type	Flexible Planar Inverted F Antenna (FlexPIFA)
Polarization	Linear
VSWR	<3.0:1, 2400 – 2480 MHz
	<3.0:1, 4900 – 5900 MHz
Frequency	2400 - 2480 MHz, 4900 - 5900 MHz
Weight	1.13g
Size	38.6mm × 12.7mm × 2.5mm
Antenna Color	Clear Yellow
Adhesive	3M 100MP
Operating Temp	-40°C to +85°C
Connector Mating Height	U.FL: 2.5mm Max
	MHF4L: 1.4mm Max

Table 2 Specifications

PHYSICAL DIMENSIONS (MM)

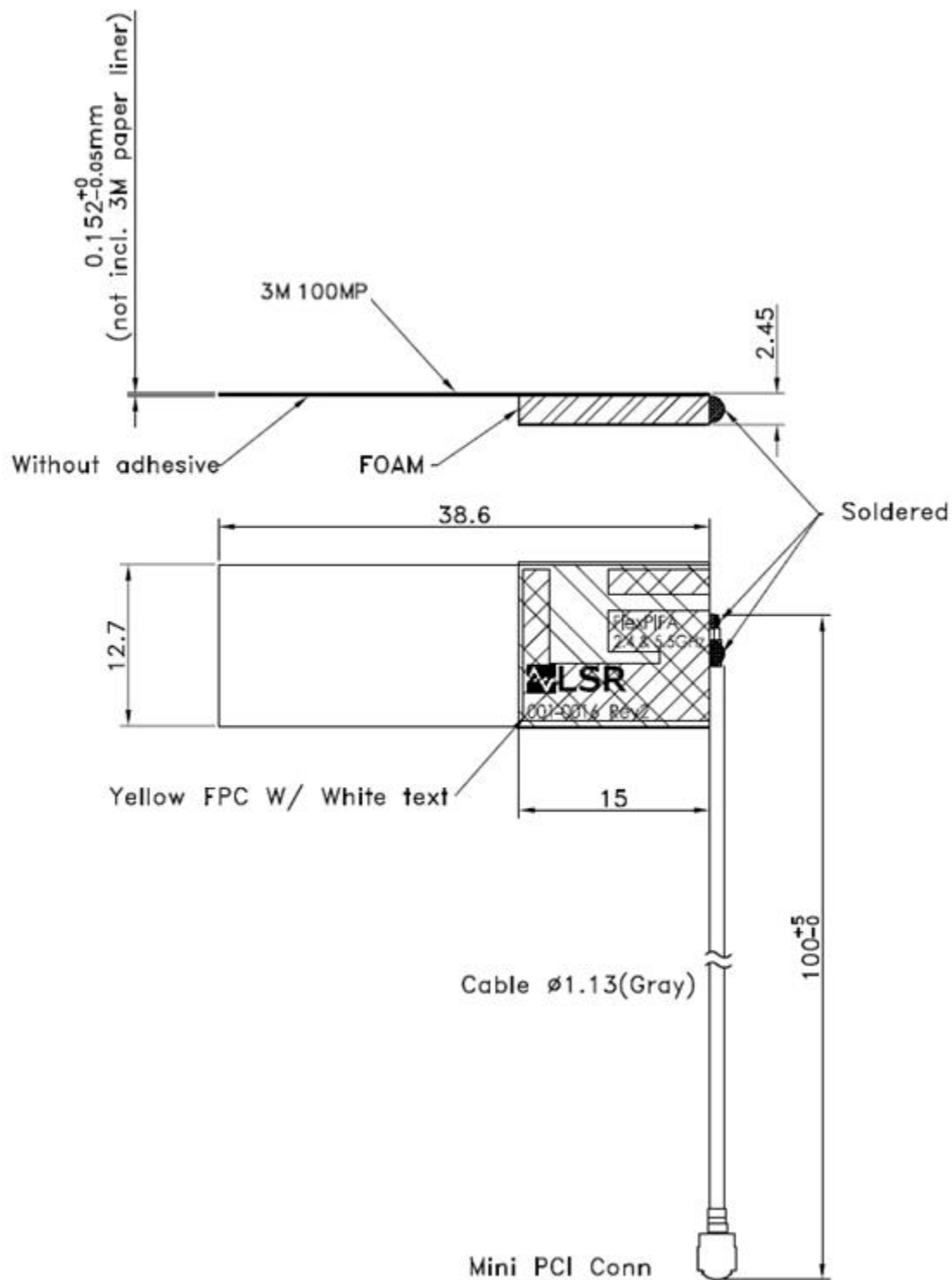


Figure 1 Physical Dimensions

TEST SETUP

Antenna measurements such as VSWR were measured with an Agilent E5071C Vector Network Analyzer. Radiation patterns were measured with an Agilent 5181A Signal Generator and Agilent E4445A Spectrum Analyzer in a 3 meter Anechoic Chamber.

Flat surface measurements were done with the antenna centered on a 1.5 mm thick plate of Polycarbonate. Curved surface measurements were taken by placing the antenna on the inside and outside of different diameter PVC tubing.

FLAT SURFACE ANTENNA MEASUREMENTS

VSWR

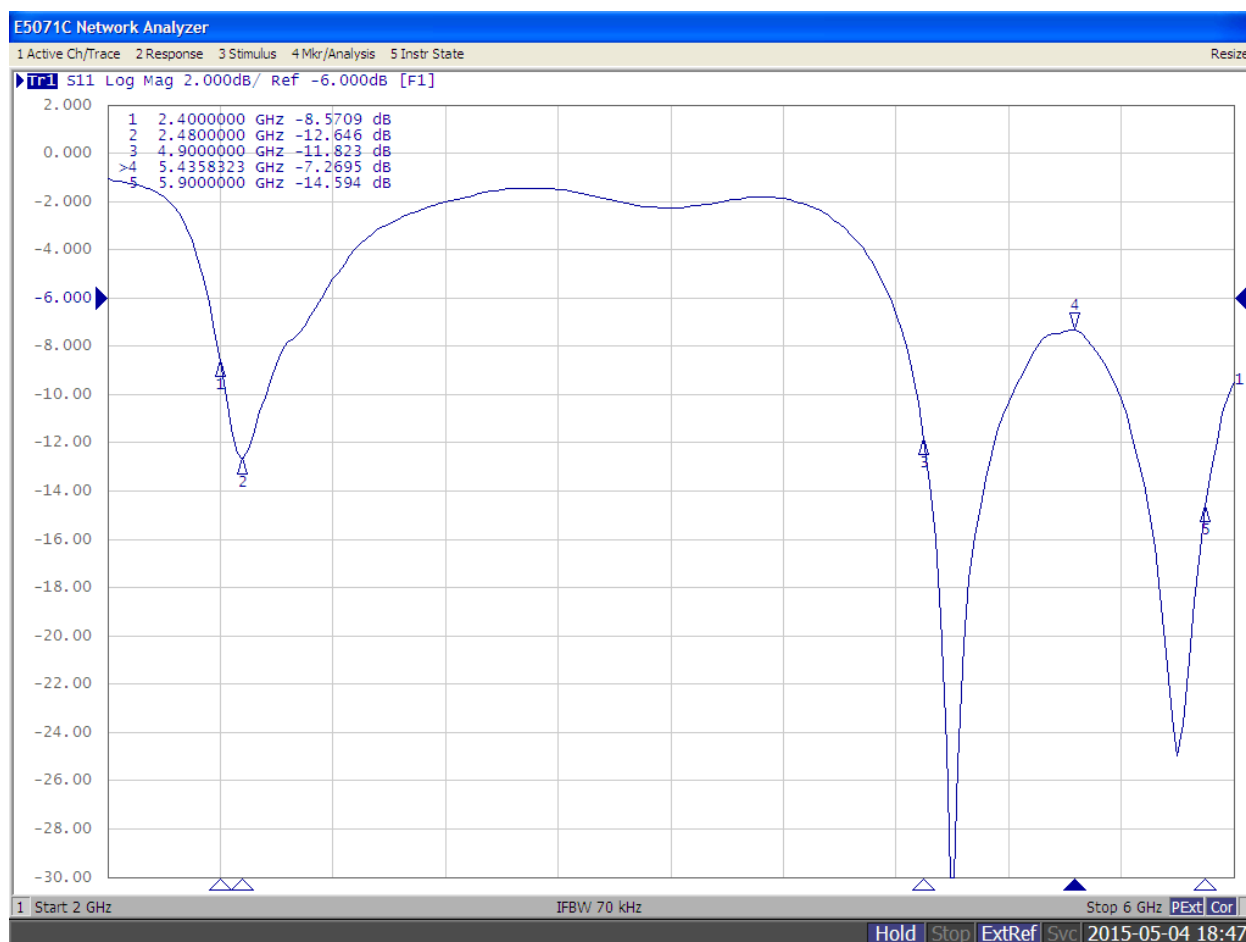


Figure 2 Antenna VSWR measured on a 1.5 mm thick plate of Polycarbonate

FLAT SURFACE ANTENNA RADIATION PERFORMANCE

FlexPIFA centered on a 1.5 mm thick plate of Polycarbonate

Antenna Measurement Set-Up:

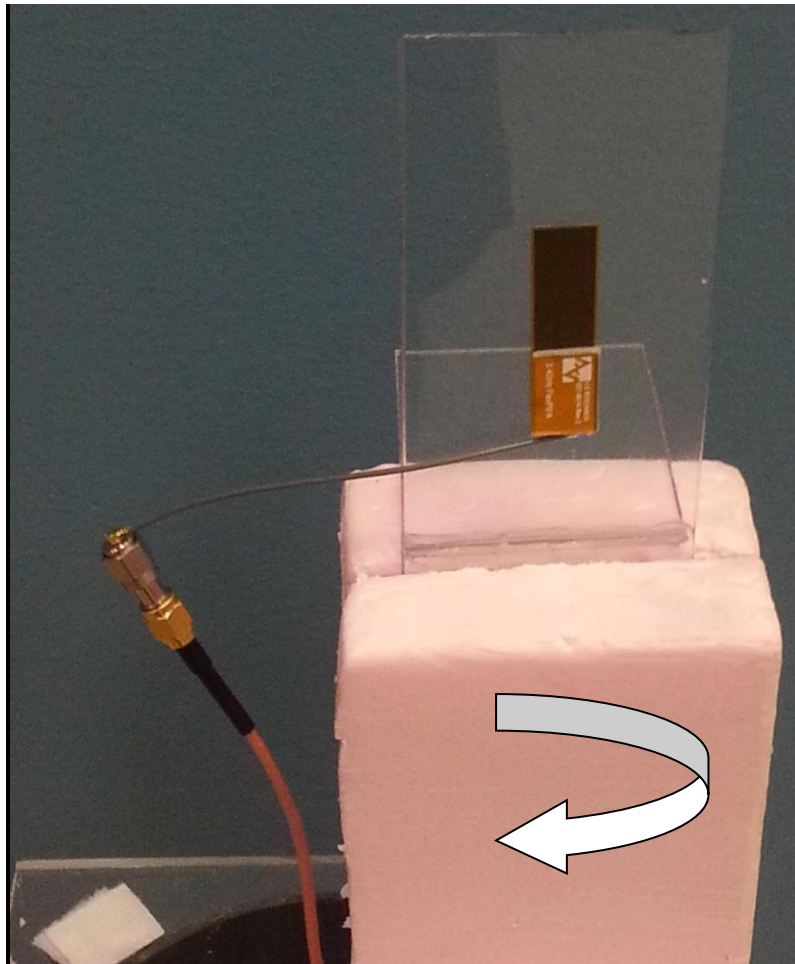


Figure 3 Vertical Orientation Set-Up

Vertical Orientation at 2440 MHz:

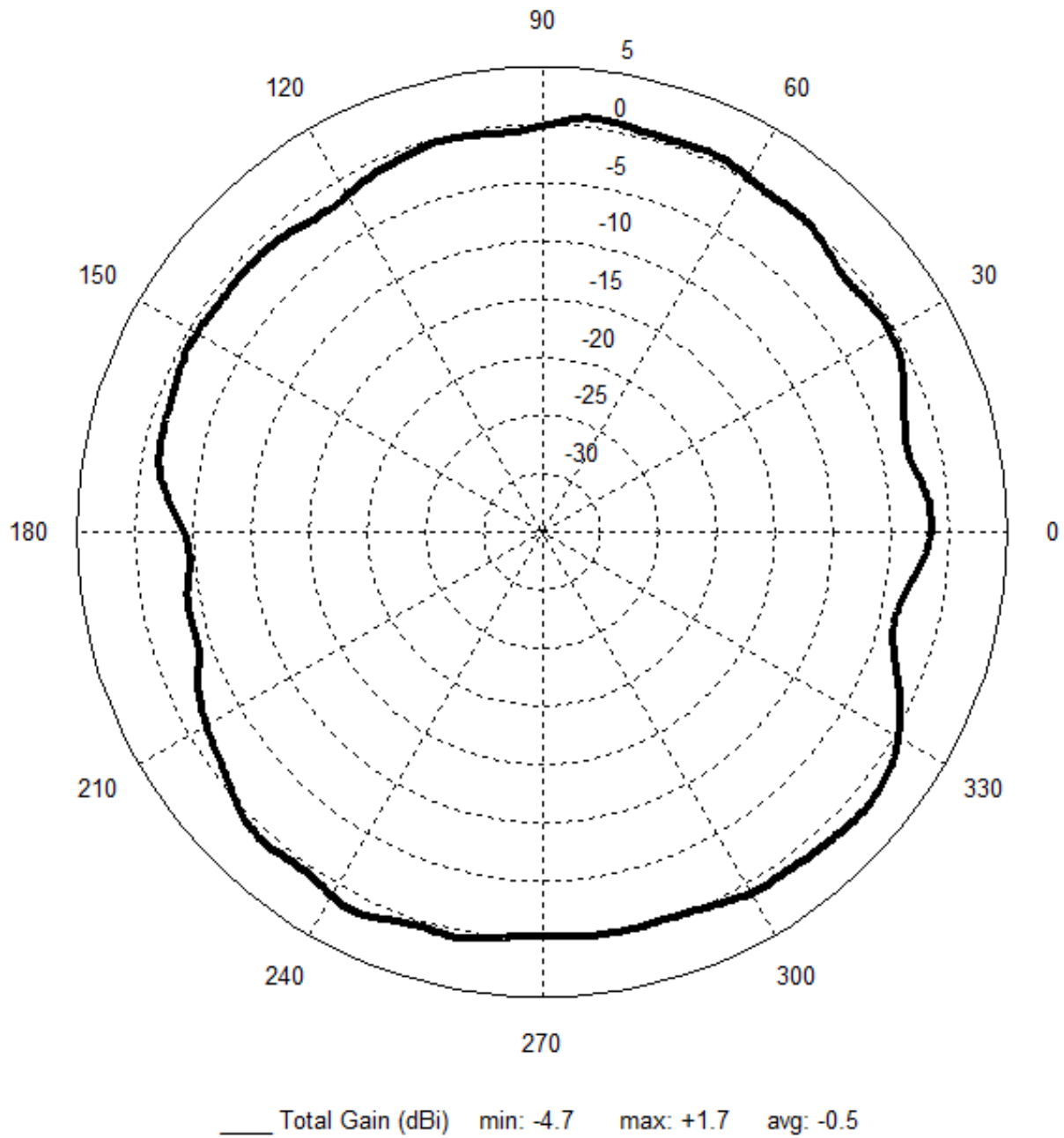


Figure 4 Vertical Orientation Pattern

Antenna Measurement Set-Up:

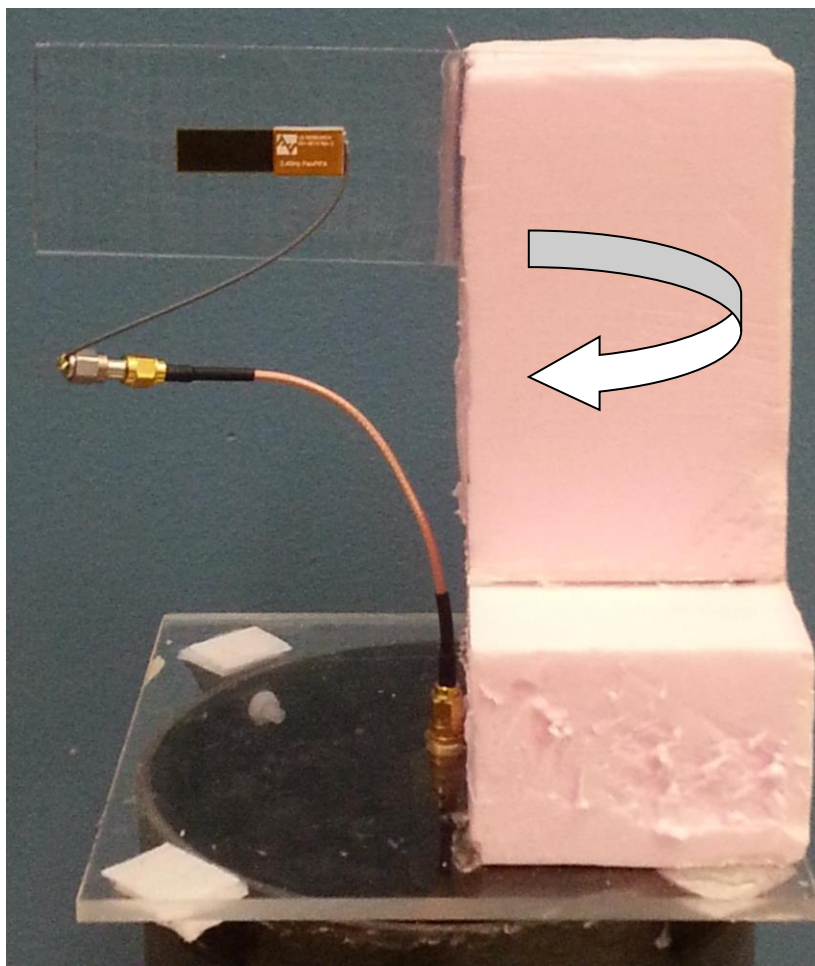


Figure 5 Horizontal Orientation Set-Up

Horizontal Orientation at 2440 MHz:

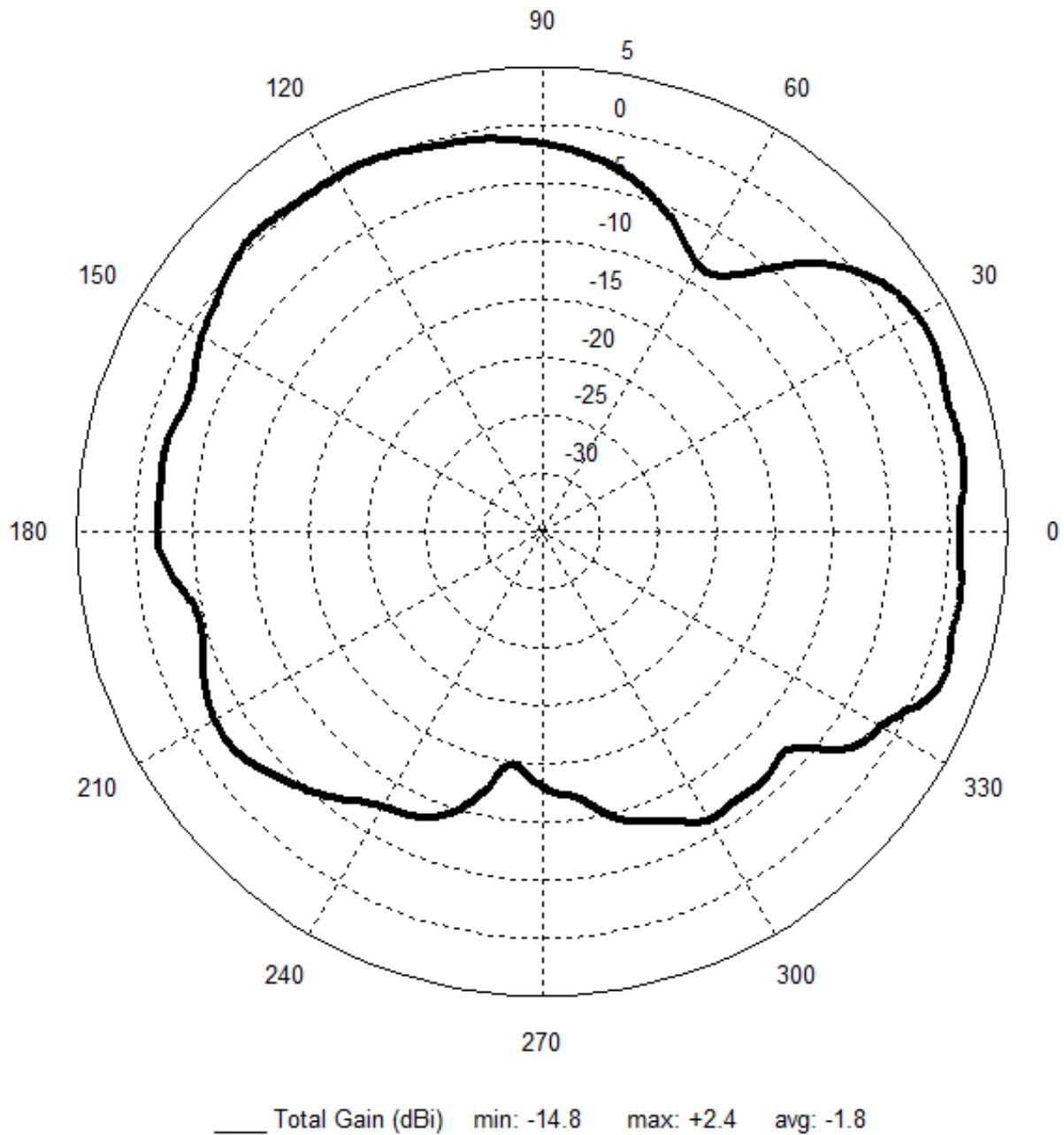


Figure 6 Horizontal Orientation Pattern

Antenna Measurement Set-Up:

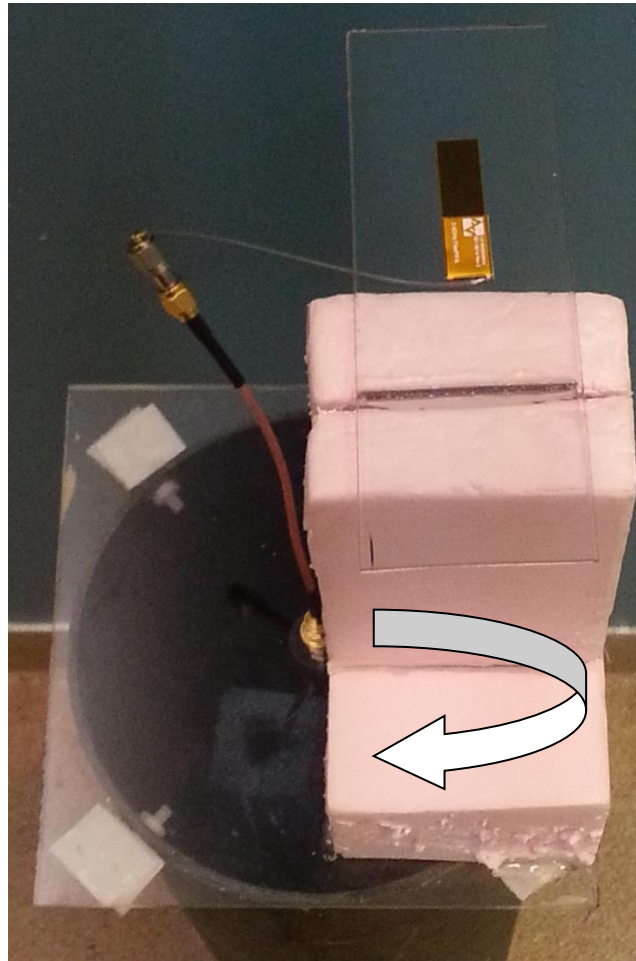


Figure 7 Flat Orientation Set-Up

Flat Orientation at 2440 MHz:

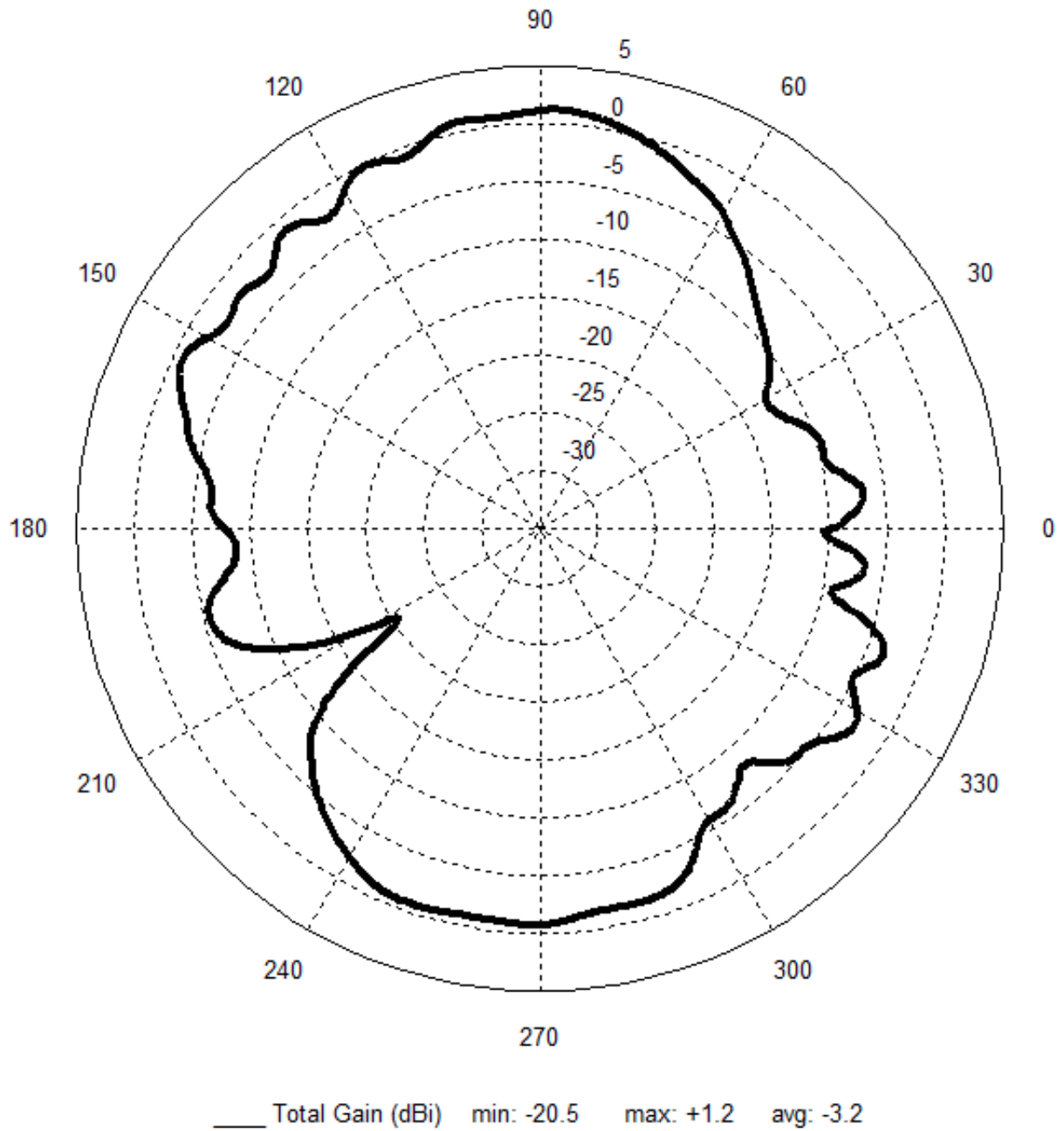


Figure 8 Flat Orientation Pattern

5 GHz Band

FlexPIFA centered on a 1.5 mm thick plate of Polycarbonate

Antenna Measurement Set-Up:

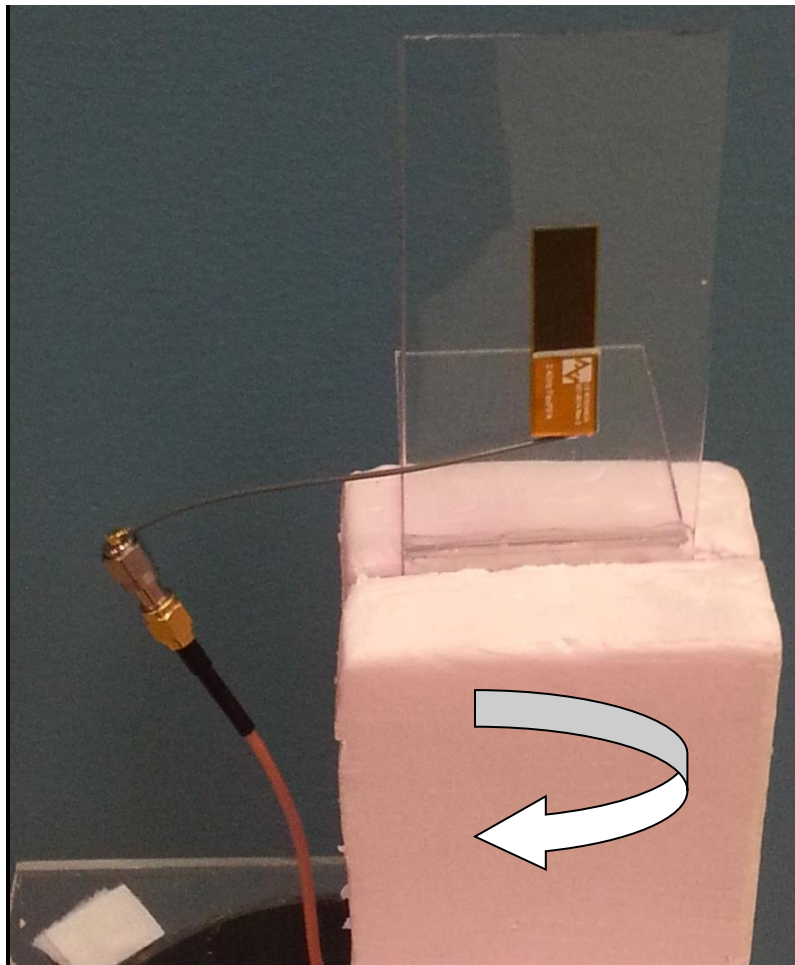


Figure 9 Vertical Orientation Set-Up

Vertical Orientation at 4900 MHz:

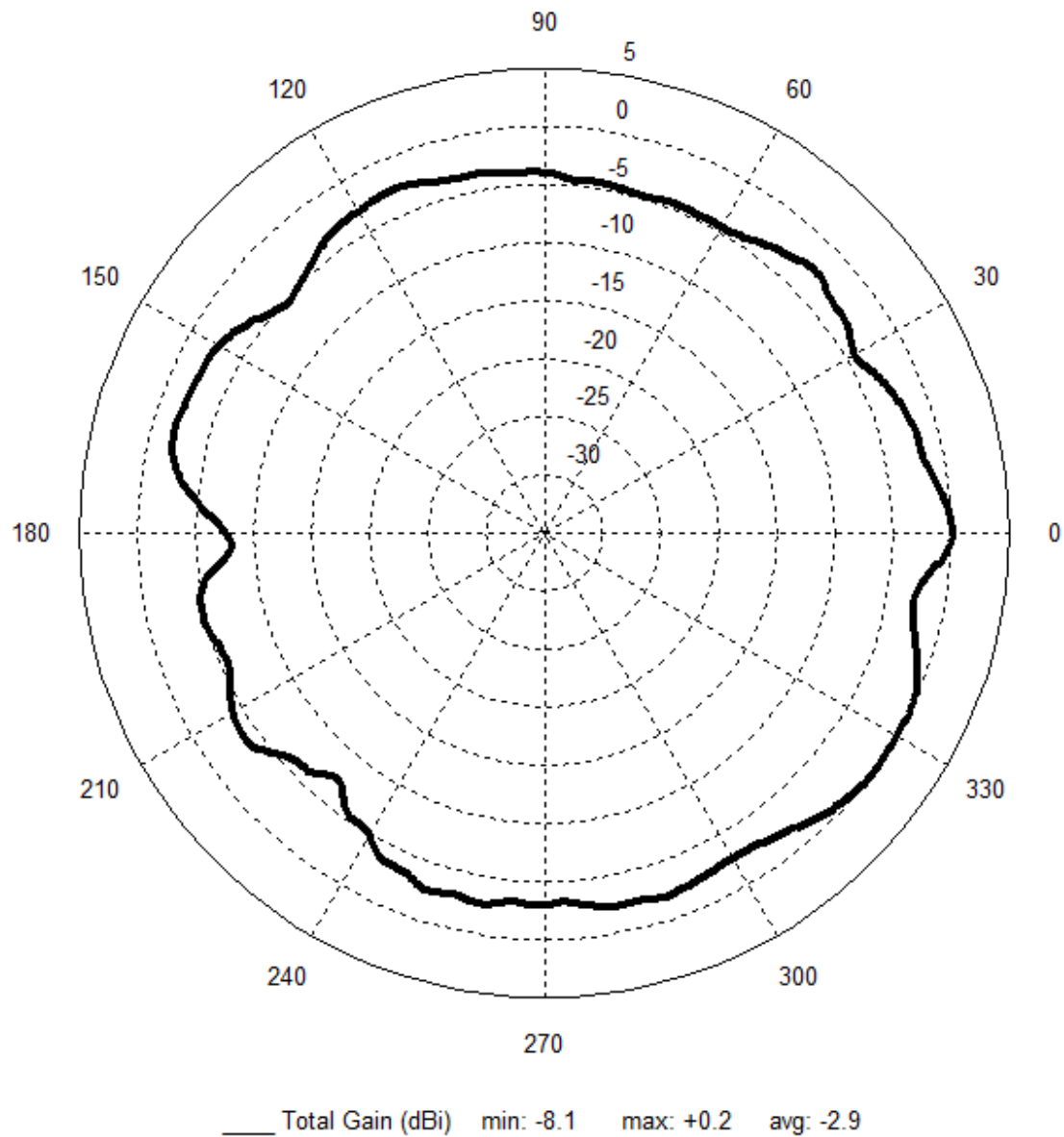


Figure 10 Vertical Orientation Pattern

Vertical Orientation at 5400 MHz:

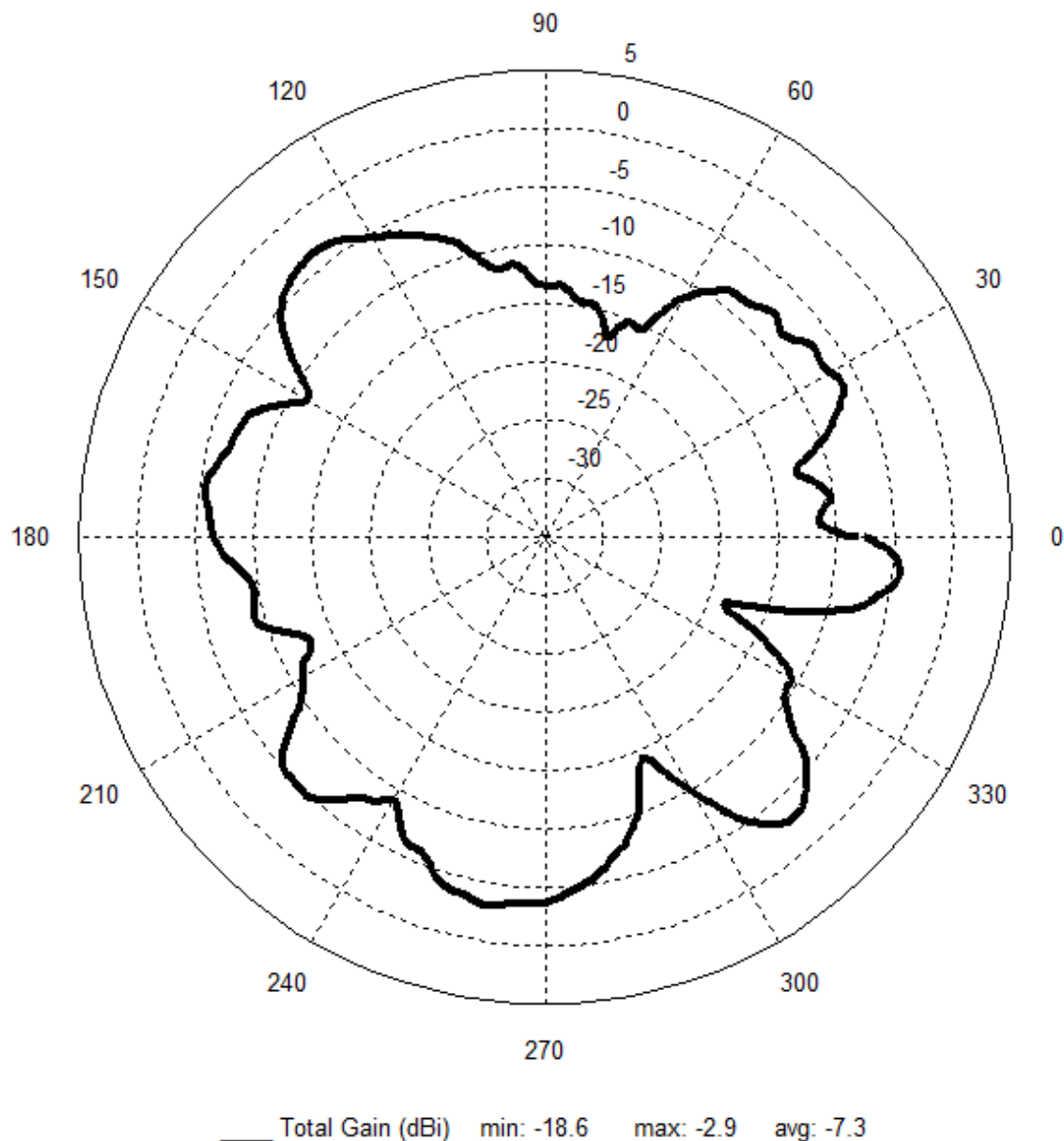


Figure 11 Vertical Orientation Pattern

Vertical Orientation at 5900 MHz:

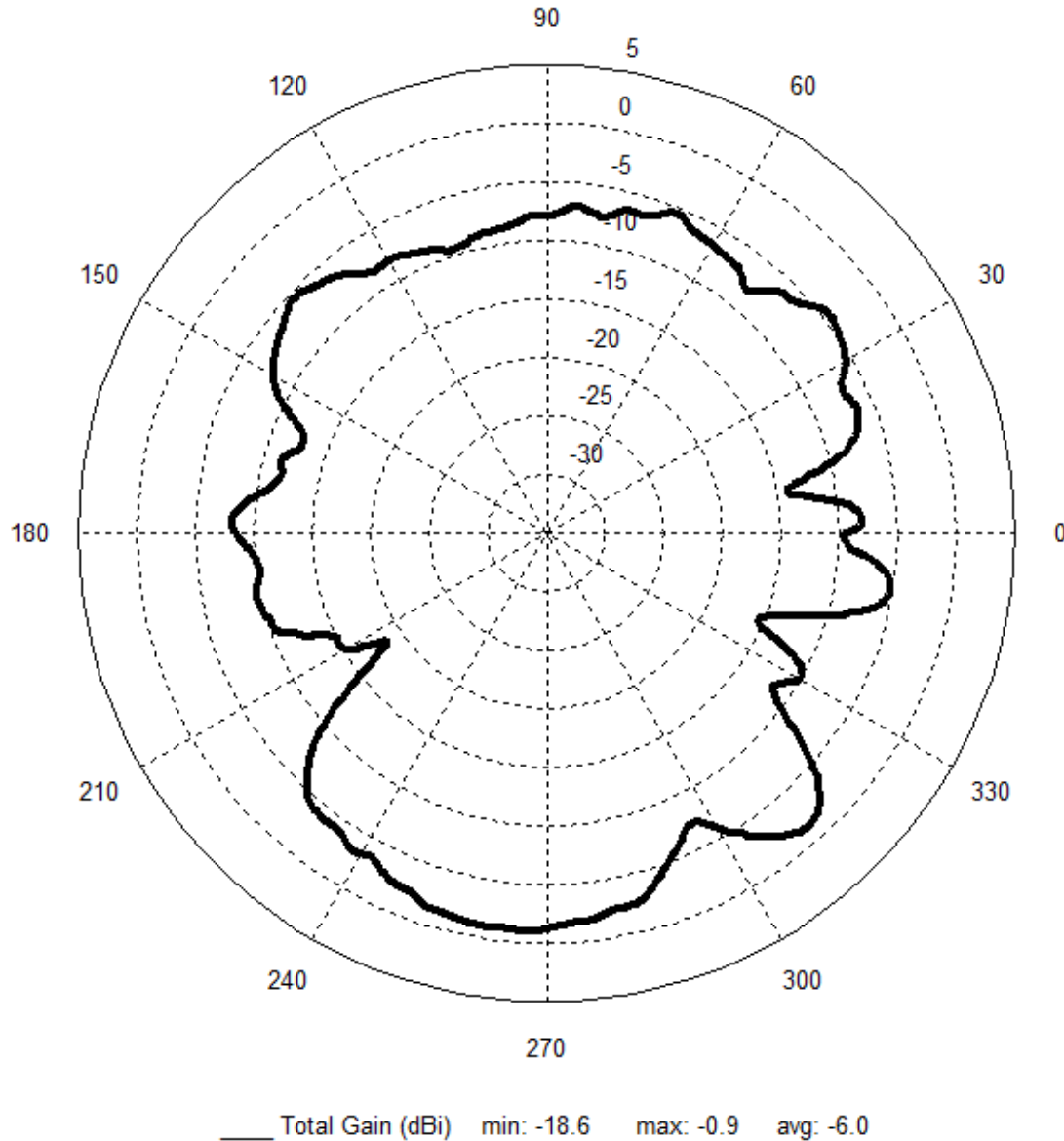


Figure 12 Vertical Orientation Pattern

Antenna Measurement Set-Up:

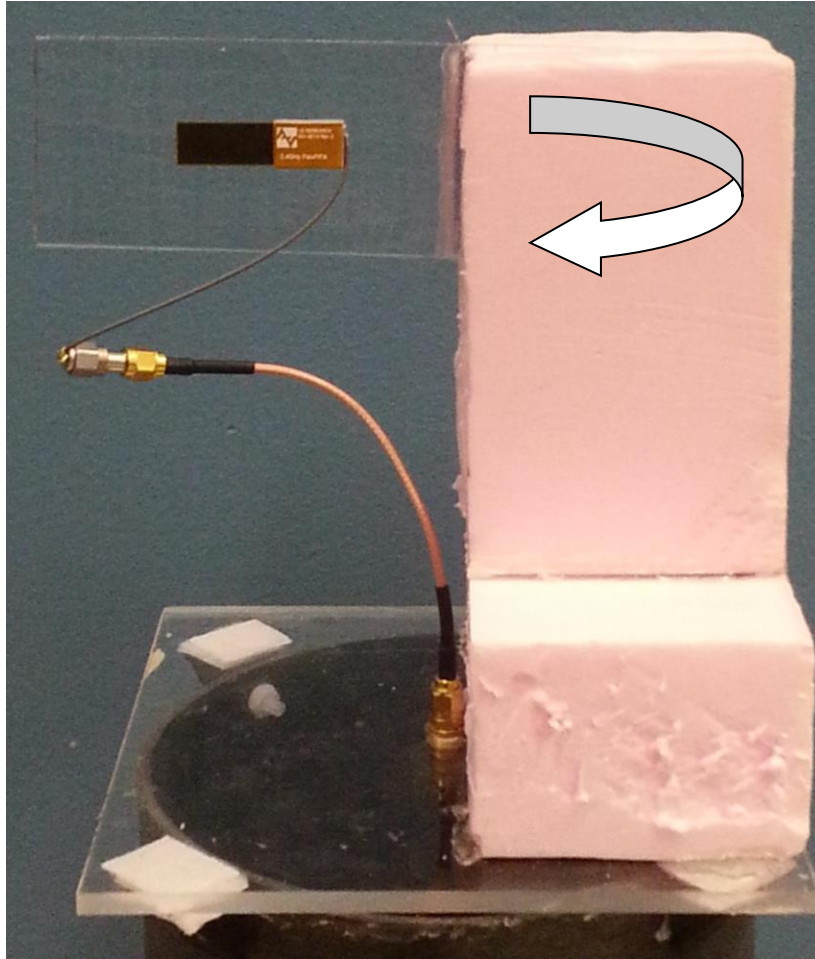


Figure 13 Horizontal Orientation Set-Up

Horizontal Orientation at 4900 MHz:

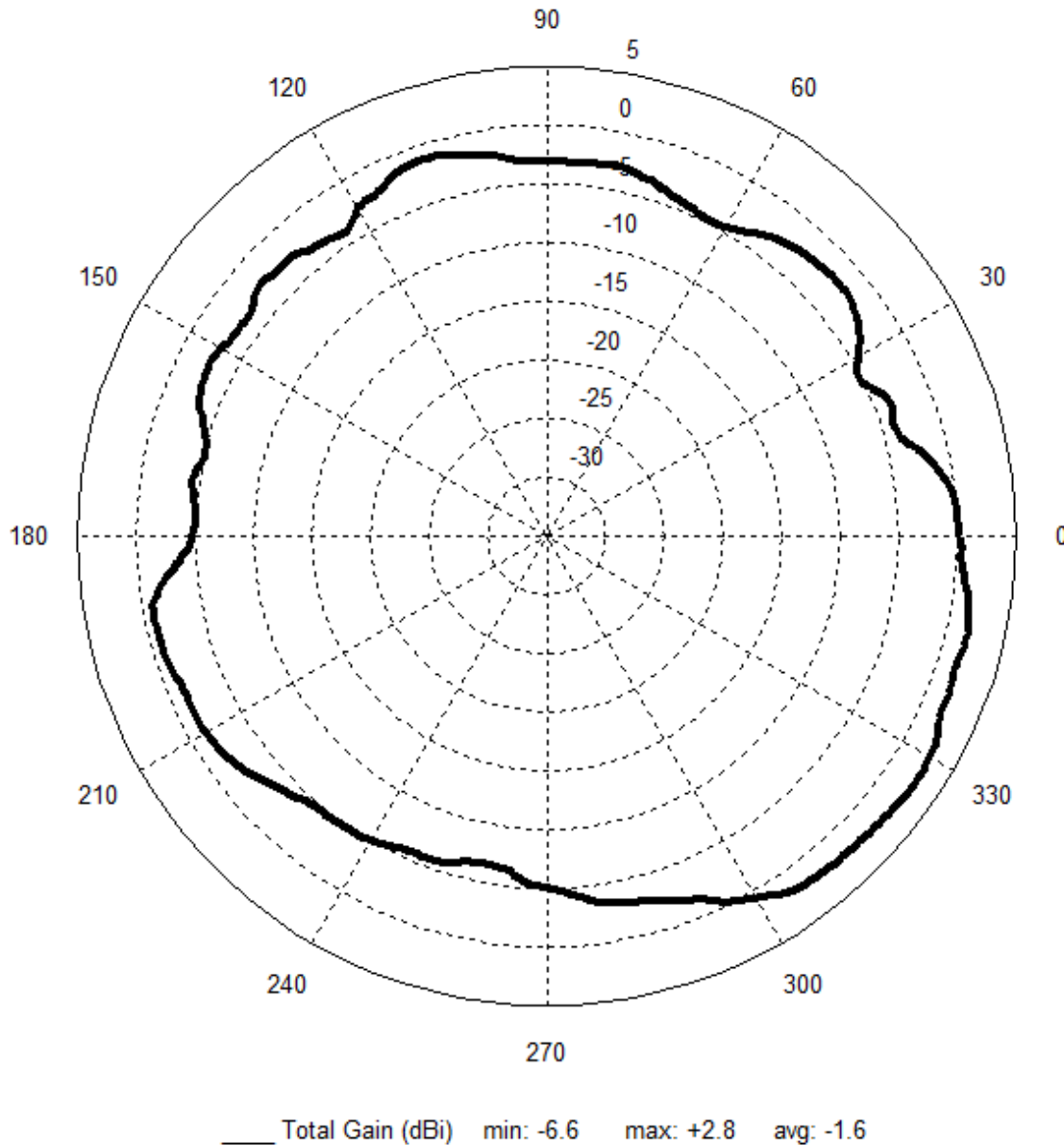


Figure 14 Horizontal Orientation Pattern

Horizontal Orientation at 5400 MHz:

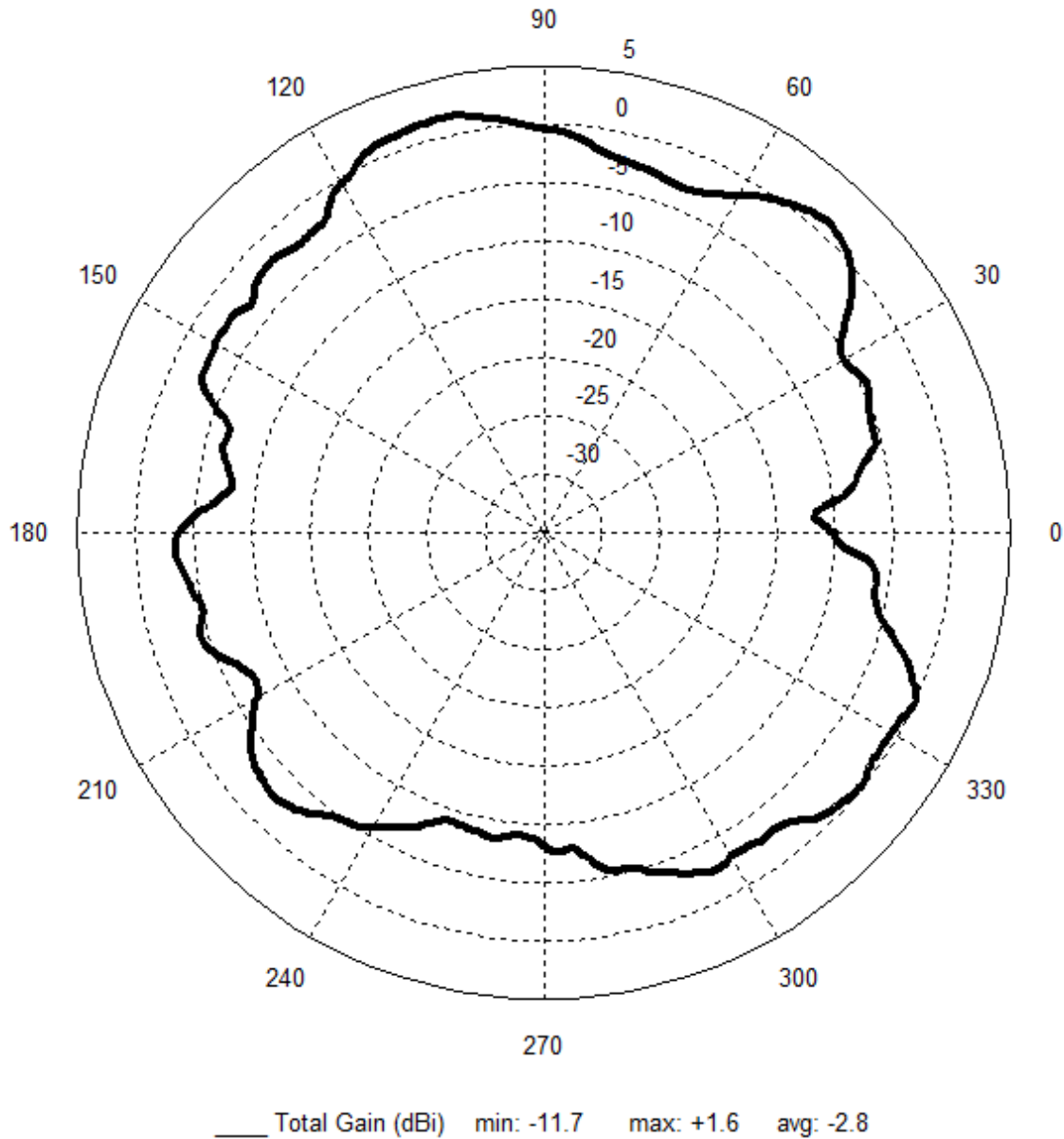


Figure 15 Horizontal Orientation Pattern

Horizontal Orientation at 5900 MHz:

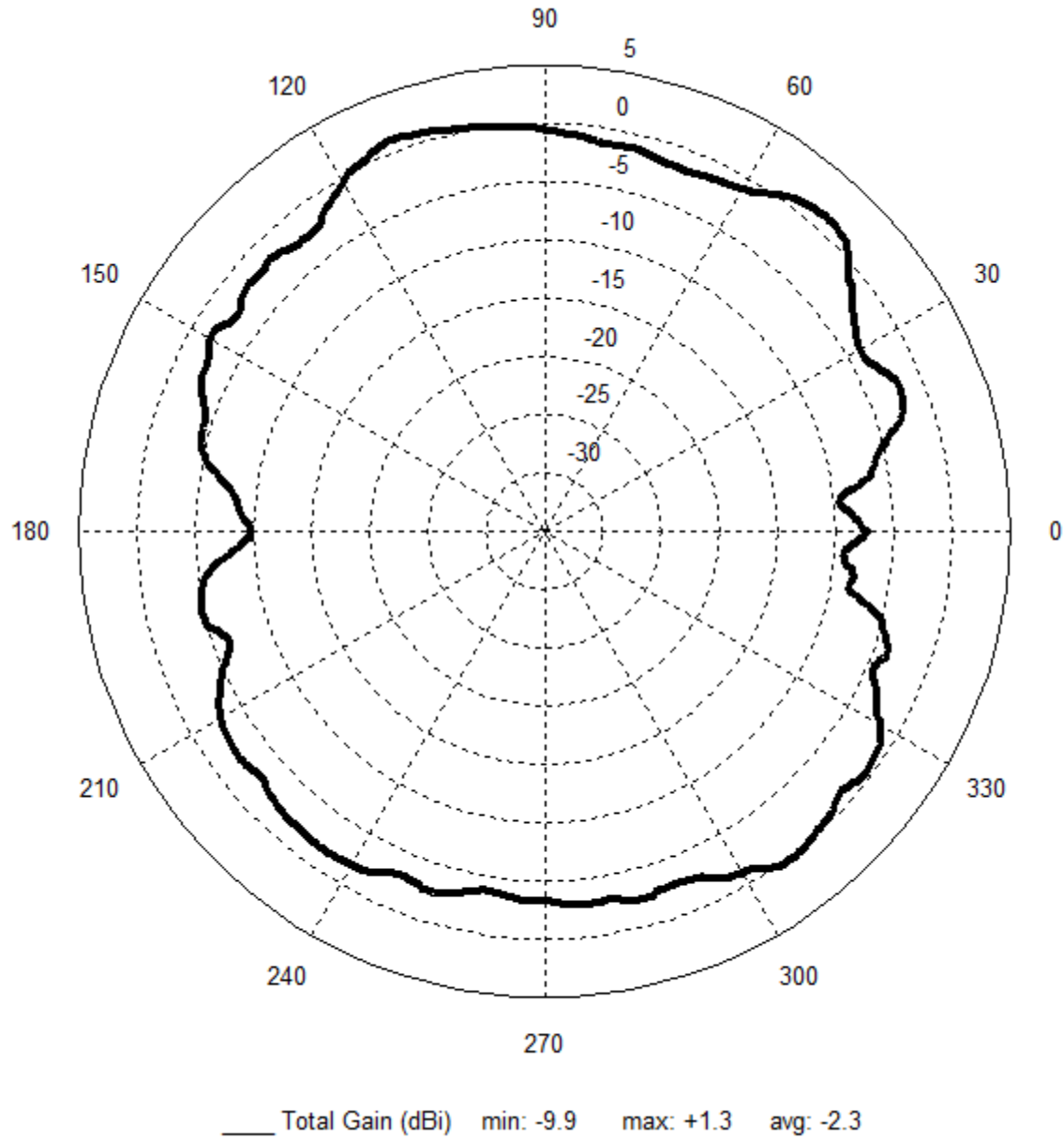


Figure 16 Horizontal Orientation Pattern

Antenna Measurement Set-Up:

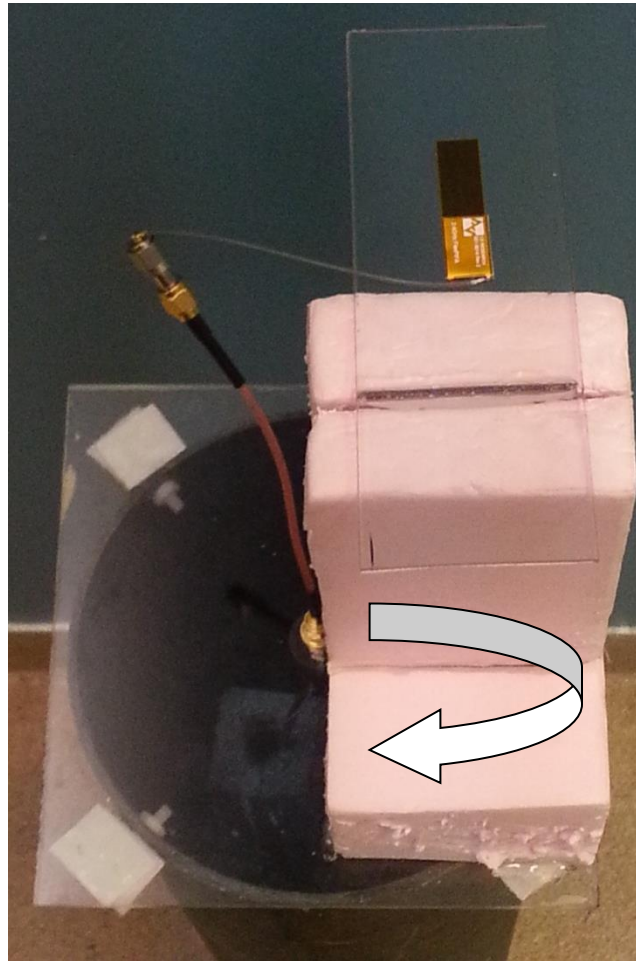


Figure 17 Flat Orientation Set-Up

Flat Orientation at 4900 MHz:

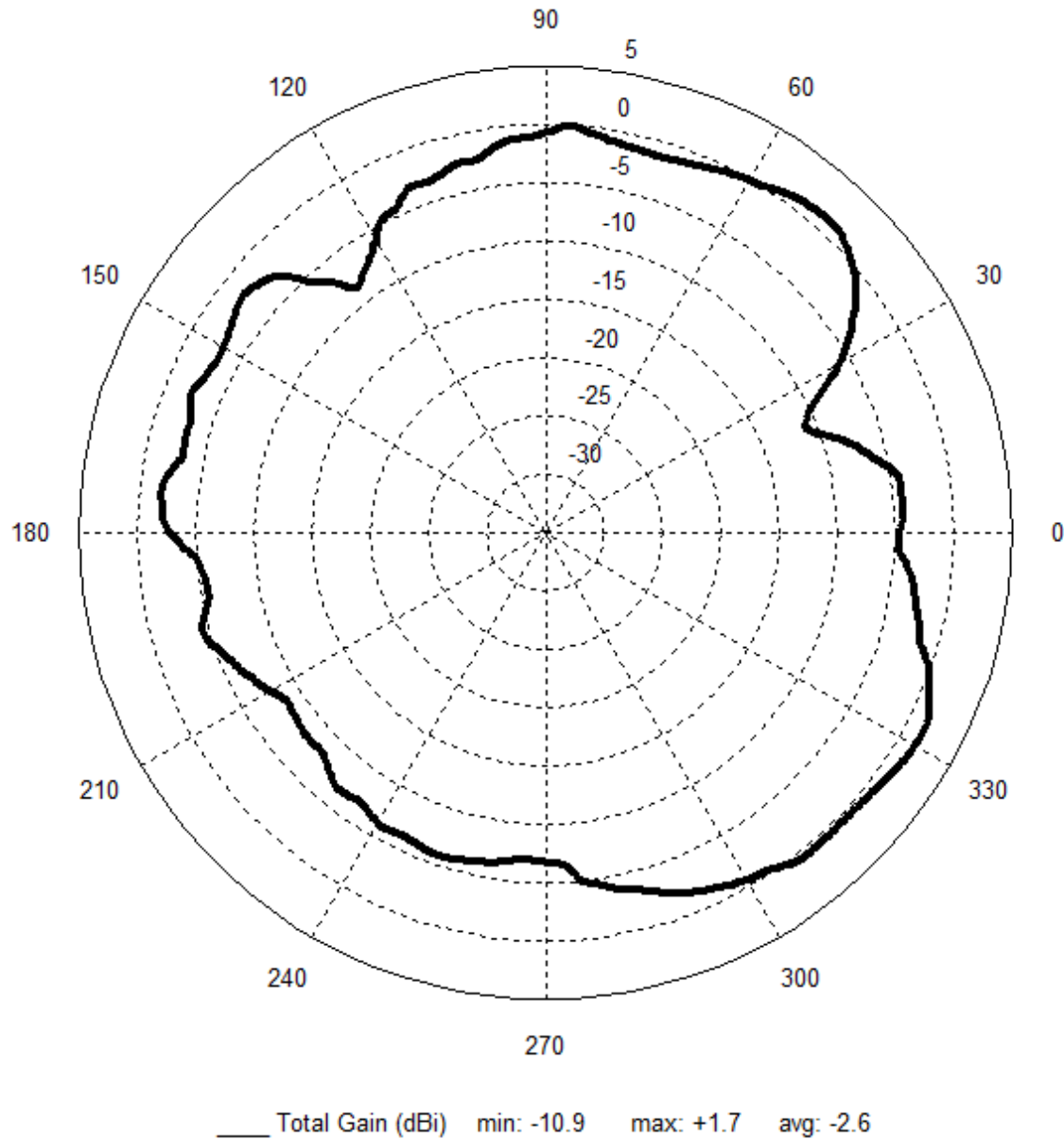


Figure 18 Flat Orientation Pattern

Flat Orientation at 5400 MHz:

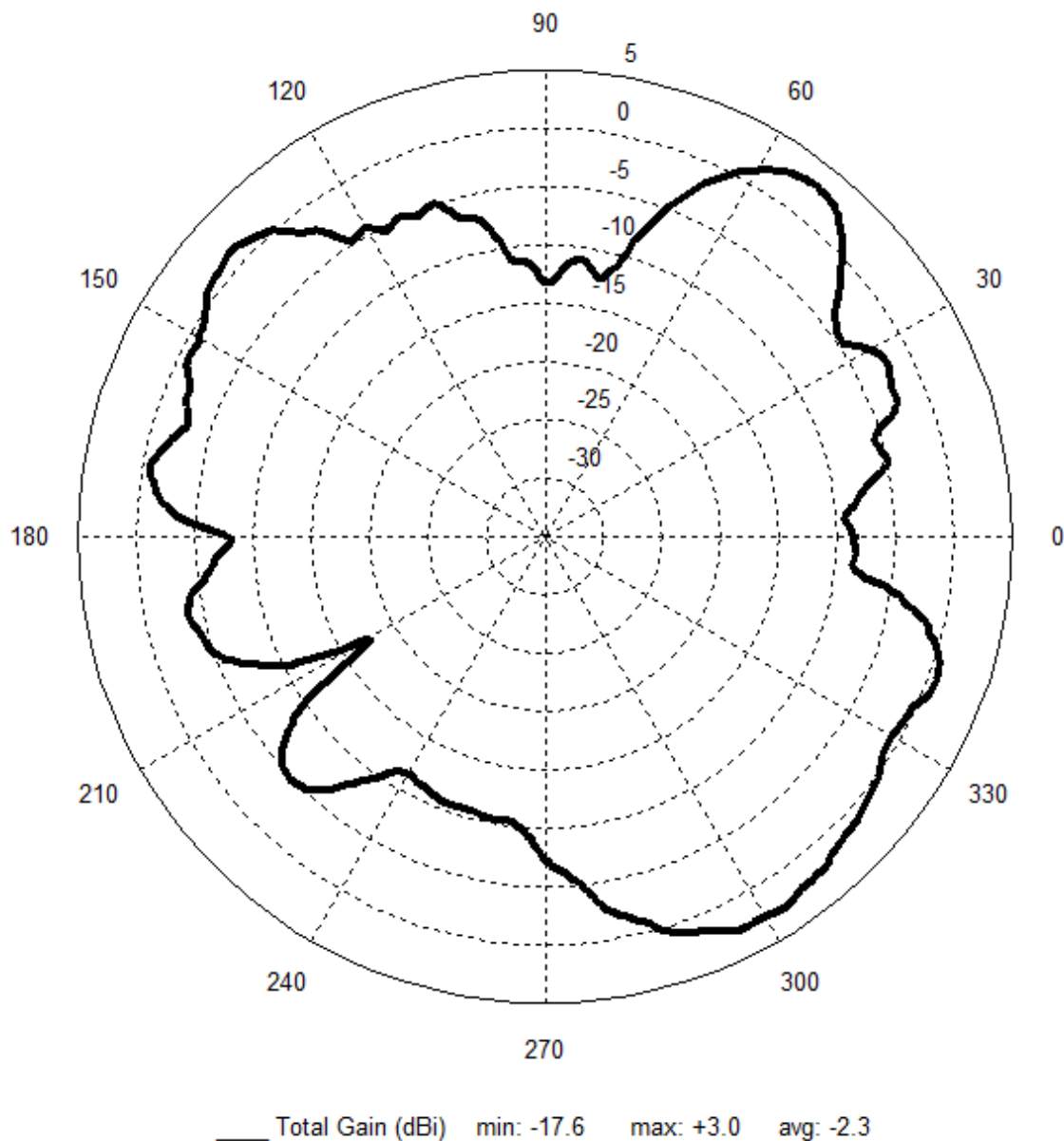


Figure 19 Flat Orientation Pattern

Flat Orientation at 5900 MHz:

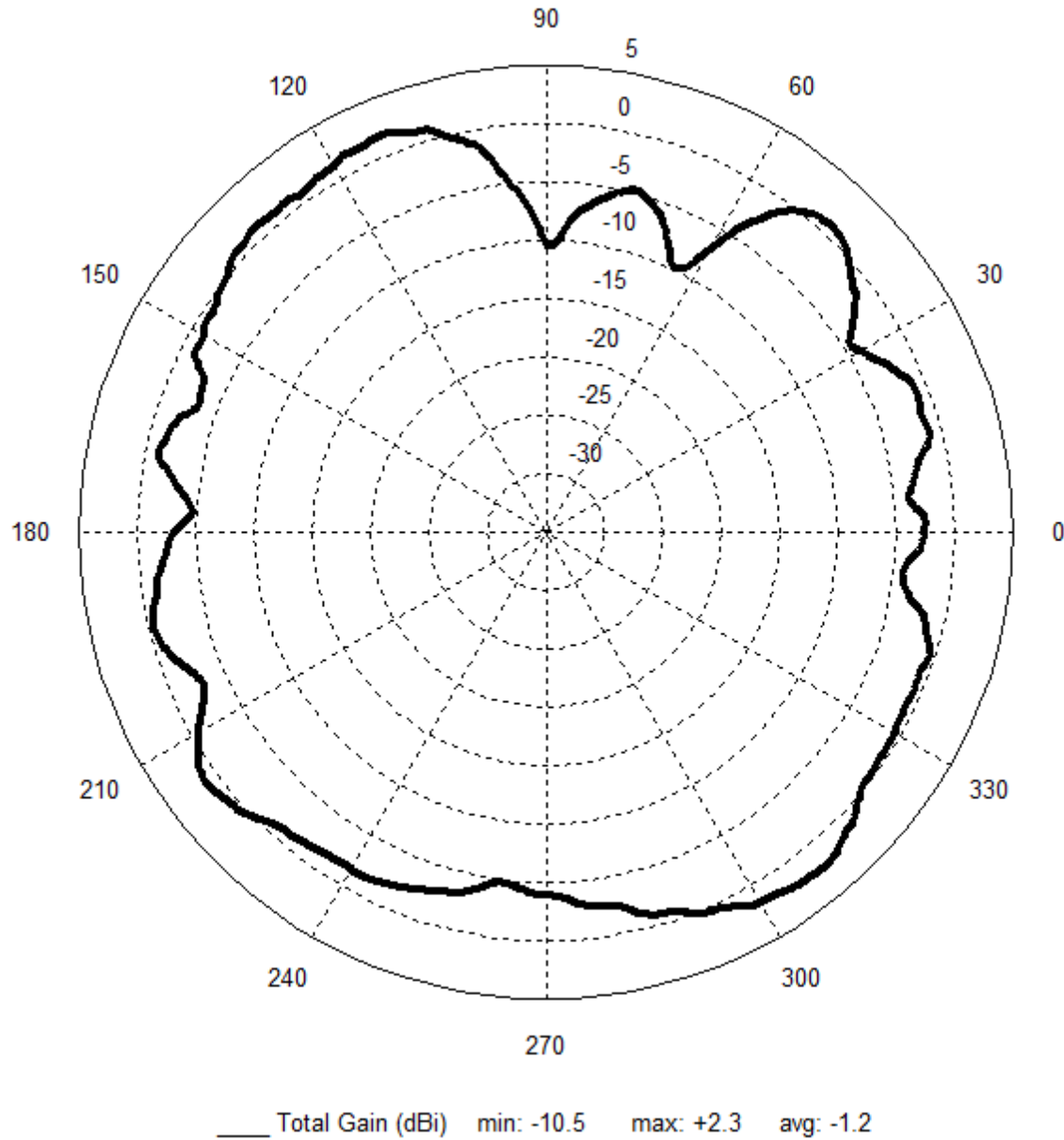


Figure 20 Secondary Elevation Pattern

OPTIMAL INSTALLATION GUIDE

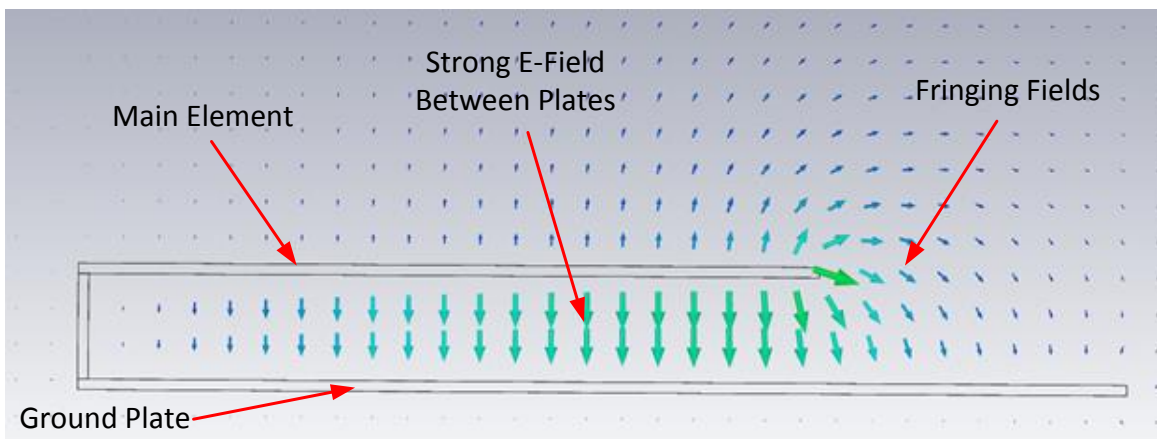


Figure 21 E-Field Radiation from FlexPIFA, Taken from CST Simulation

The main element should be kept clear of any non-metal objects (such as plastics) on top of it by at least 3 mm (see **Figure 22**). Similarly, the two long sides of the FlexPIFA should be kept clear of any non-metal object by at least 2 mm (See **Figure 23**). A 1 mm clearance should be observed from the ground wall to any non-metal object. Mounting the FlexPIFA in a situation that does not allow for these clearance recommendations may change the gain characteristics stated in the datasheet, which could impact overall range of the wireless system.

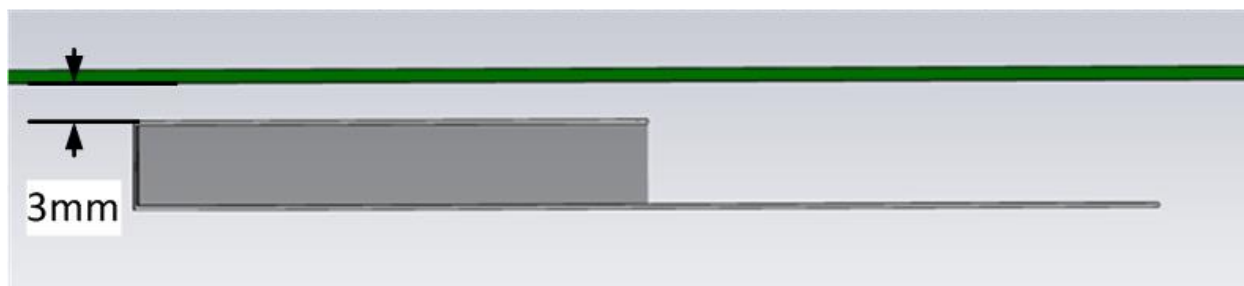


Figure 22 Top Clearance

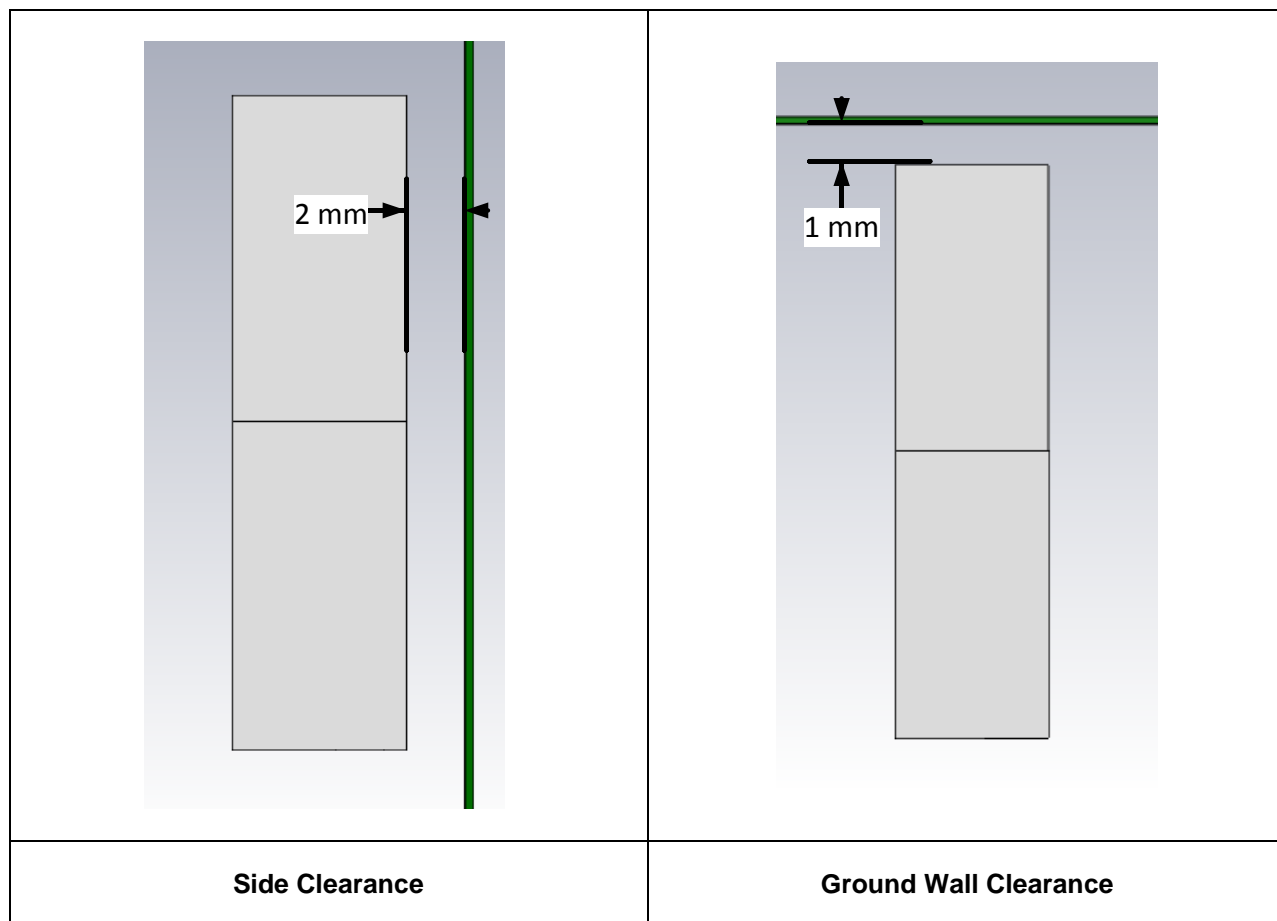


Figure 23 Side and Ground Wall Clearance

The ideal material for the FlexPIFA to be mounted on is 1.5 mm thick polycarbonate for maximum performance. However, as previously mentioned, the FlexPIFA can tolerate other non-metallic surfaces and thicknesses and still radiate effectively. Depending on the type of material, the FlexPIFA may be detuned.

The coaxial cable feeding the FlexPIFA should be routed away from the antenna. Do not run the coaxial cable over the top of the FlexPIFA or near the tip of the main element. The cable should be routed perpendicular to the side of the FlexPIFA (this is the way the cable comes assembled), underneath the ground plate, or away from the ground wall. All three of these options are shown in **Figure 24**.

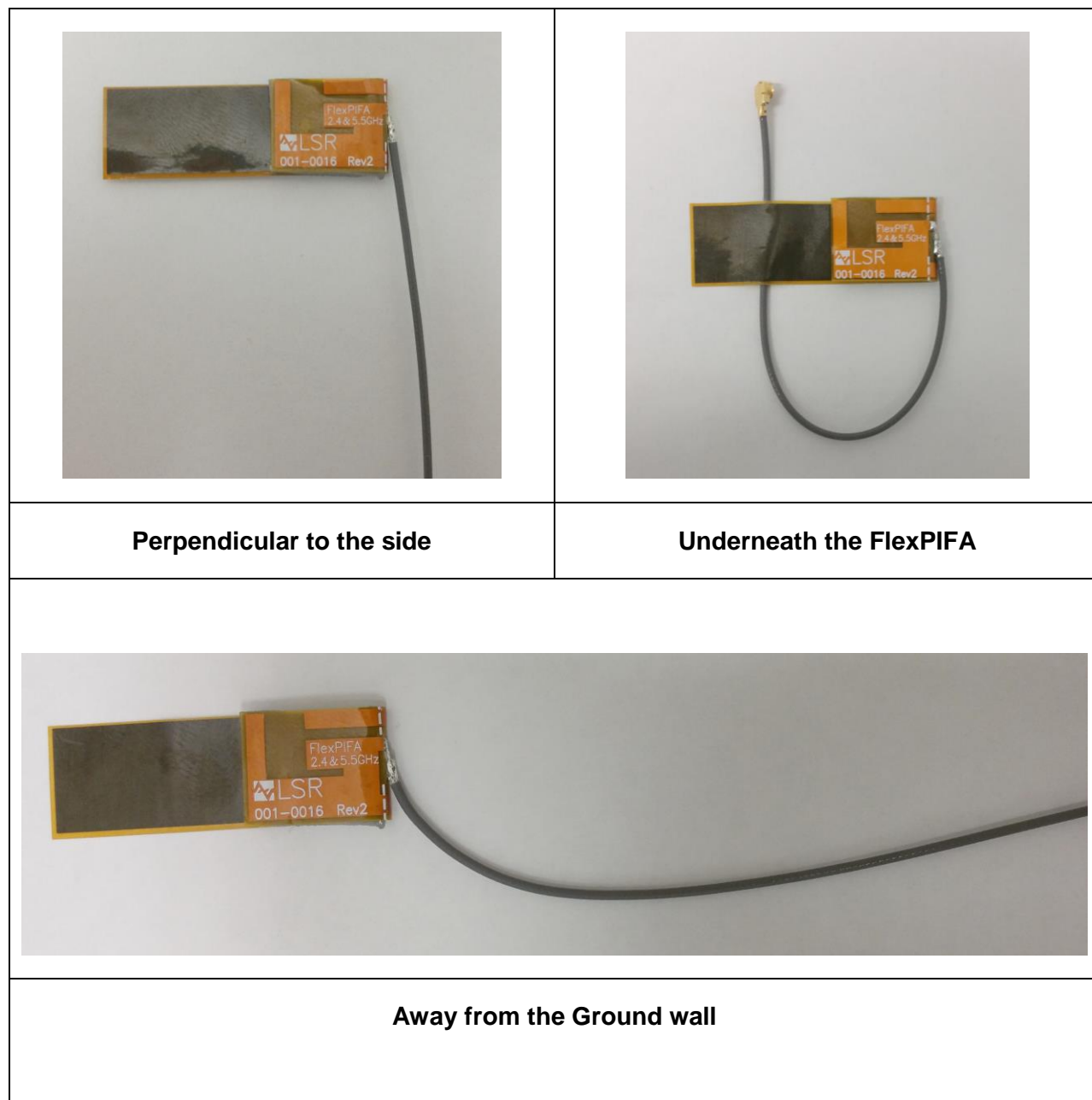


Figure 24 Recommended Cable Routing

As with any antenna, care should be taken not to place conductive materials or objects near the antenna (except as described in the next section). The radiated fields from the antenna will induce currents on the surface of the metal; as a result those currents then produce their own radiation. These re-radiating fields from the metal will interfere with the fields radiating from the FlexPIFA (this is true for any antenna). Other objects, such as an LCD display, placed in close proximity to the antenna may not affect its tuning but it can distort the radiation pattern. Materials that absorb electromagnetic fields should be kept away from the antenna to maximize performance. Common things to keep in mind when placing the antenna:

Wire Routing

Speakers – these generate magnetic fields

Metal Chassis and Frames

Battery Location

Proximity to Human Body

Display Screen – these will absorb radiation

Paint – do not use metallic coating or flakes

Flex Limits of the FlexPIFA

One of the unique features of the FlexPIFA is its ability to flex. However, due to the adhesive there are limits as to how much the antenna can be flexed and remain secured to the device. The FlexPIFA should not be flexed in a convex position with a radius less than 16mm. Going smaller than this may result in the antenna peeling off the surface over time. Should a tighter radius of curvature be required, it is recommended you contact LS Research for assistance.

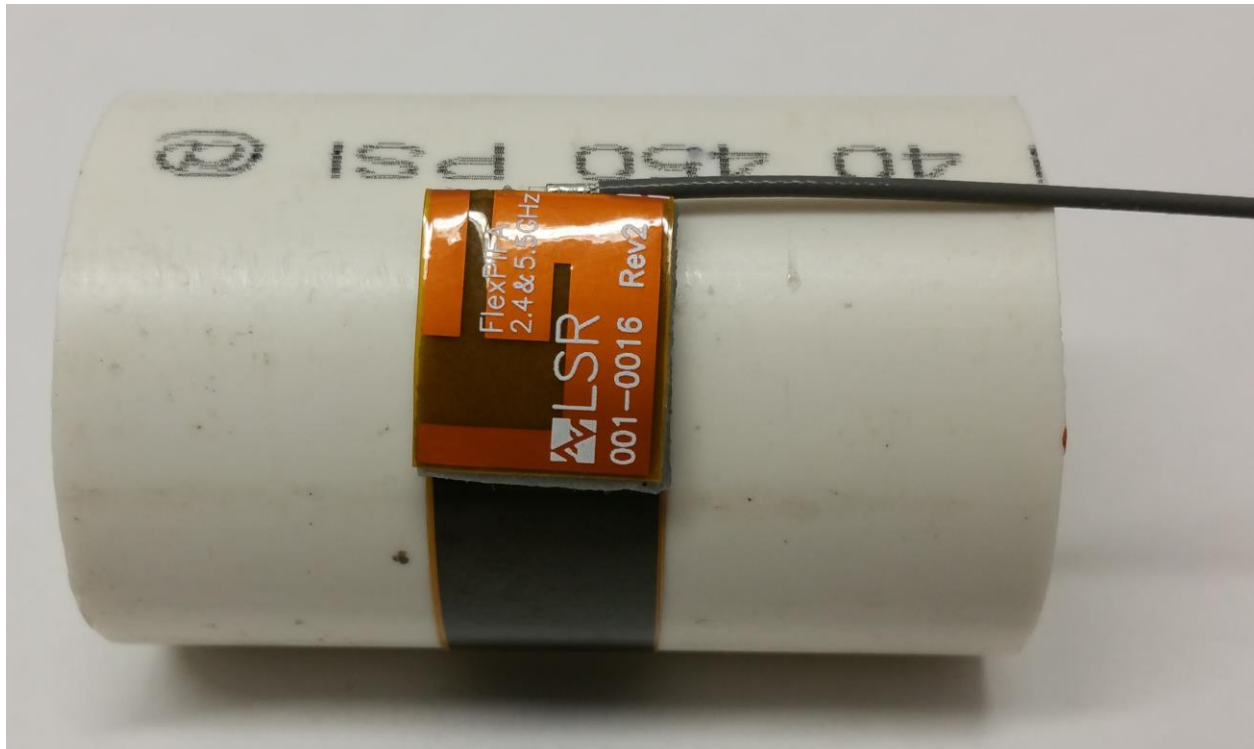


Figure 25 Convex Mounted

The FlexPIFA should not be flexed in a concave position with a radius less than 25mm. In this scenario, the limiting factor is performance. The ground plate of the antenna is pressed closer to the main element. As previously discussed in the introduction of this application note, the fringing fields developing off the end of the element are responsible for most of the radiation. In a concave position with a radius of curvature less than 25mm, the fringing fields are adversely affected and gain suffers. If a tighter radius of curvature is required, it is recommended you contact LS Research for assistance.

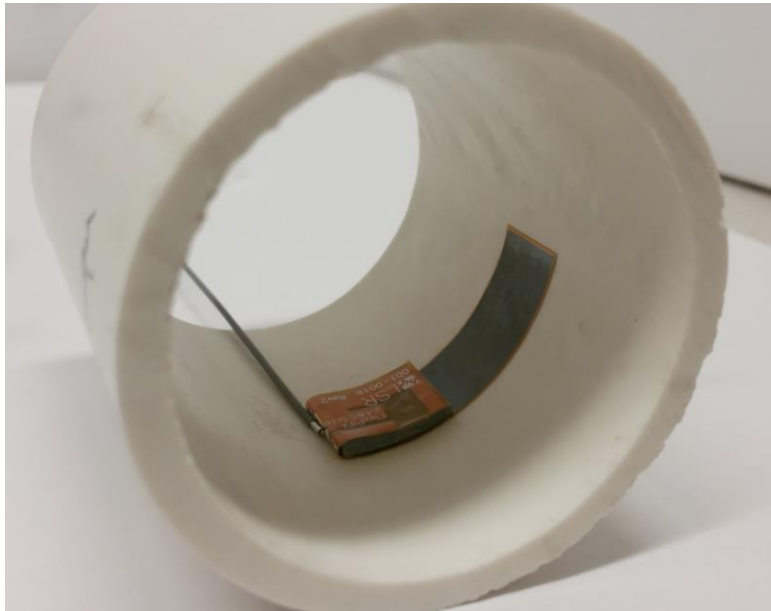


Figure 26 Concave Mounted

The FlexPIFA is not designed to be twisted or crumpled. The adhesive back should lay flush with the surface it is mounted on.

Mounting on Metal and Body Loaded Applications

The FlexPIFA can tolerate being mounted on conductive surfaces. There will be some detuning of the antenna, which translates into some gain reduction. Even though the FlexPIFA is optimized to work on non-metallic surfaces, it still radiates efficiently due to the fringing fields (Shown in **Figure 21**). The ground plate of the FlexPIFA carries the adhesive backing; placing the antenna onto a metal surface simply enlarges the size of the ground beneath the main element. Previously the fringing fields only interacted with the small ground of the FlexPIFA - however they are now interacting with the much larger ground. The fringing fields still develop and radiate, but the antenna will no longer tune as well to the 2.4 GHz frequency band. Consequently the VSWR increases and there is some loss in radiated power. If the FlexPIFA cannot meet your range requirements after being implemented on a metal surface, contact LSR Design Services for a custom antenna build to help meet your application needs.

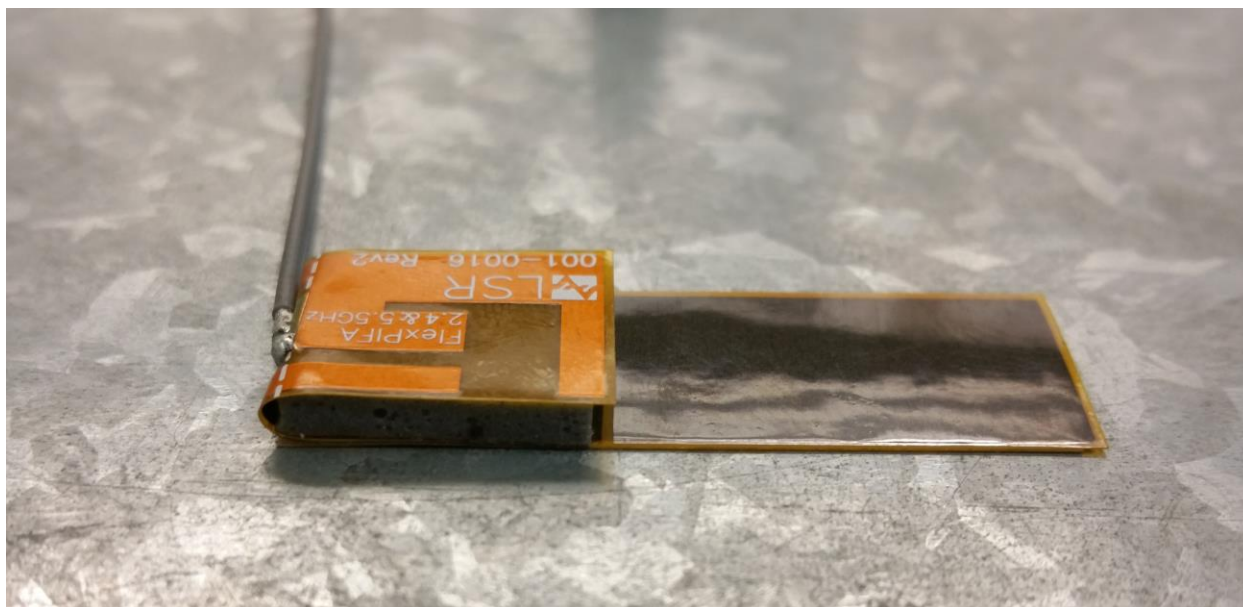


Figure 27 FlexPIFA Mounted on Metal

Do not mount the FlexPIFA where metal is within 10 mm above the main element (see **Figure 29**). Not only will this severely limit the radiation pattern (mainly due to the re-radiation problem previously described) it will detune the antenna inside of this range. Similarly, the two long sides of the FlexPIFA should be kept clear of any metal object by at least 5 mm. These keep out requirements pertain to **conductive** materials only, and are different from those listed in the previous sections which apply to **non-conductive** materials. In general, it is good practice to always keep metals as far away from the antenna as possible.

For the best performance, a spacer should be placed between the FlexPIFA and the conductive surface (see **Figure 28**). The spacer should be 1.5 mm thick polycarbonate. This will significantly improve performance and tuning of the FlexPIFA on a metal surface. Other non-conductive materials such as ABS plastic can be used; however polycarbonate will provide the best results.



Figure 28 FlexPIFA Mounted on Metal Surface with 1.5mm Thick Polycarbonate Spacer

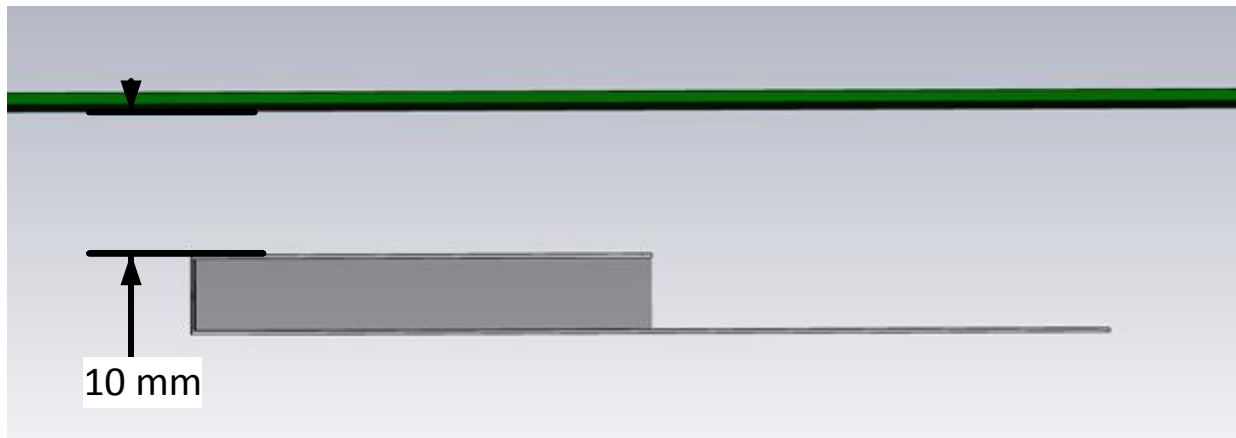


Figure 29 Metal near Main Element

For body worn applications, the FlexPIFA can tolerate the presence of the human body. It is not recommended that the antenna be mounted directly on body tissue, this will detune the FlexPIFA. Additionally the human body is an excellent absorber of 2.4GHz RF signals. As a result of this, expect a reduction in range due to the presence of a body. In a body worn application, the ground plate of the FlexPIFA should be closest to the body tissue. The main element should be pointed away from the body. Additionally, for handheld devices the FlexPIFA should be mounted in a location where it will not be covered by the hand. If the antenna is mounted in a location where the main element will be covered or near a human body, ensure that there is at least a 10mm separation distance between the main element and the body as shown in **Figure 29**.

Additionally, when the FlexPIFA is mounted very close to body tissue, use a spacer to create separation distance between the body tissue and ground plate. This will ensure maximum performance and prevent the antenna from detuning. As previously mentioned, the ideal spacer material is 1.5 mm thick polycarbonate.

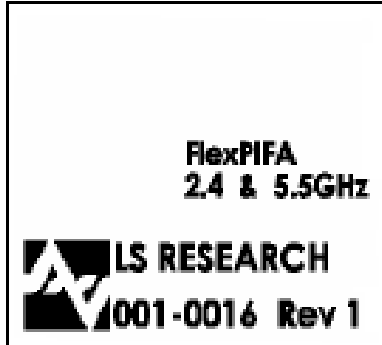
Quite often this separation distance between the body tissue and the FlexPIFA is already provided by the enclosure. **Figure 30** below is an example of a bracelet with the FlexPIFA integrated inside it. The enclosure provides enough spacing between the antenna and body tissue to prevent any major detuning. The enclosure is made of polycarbonate.



Figure 30 FlexPIFA Integrated into Bracelet

PRODUCT REVISION HISTORY

Rev 1: Initial Production Release



Rev 2:



Updated LSR Logo

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2.4 GHz / 5.5 GHz Waterproof Dipole 2 dBi Antenna, IP67



ORDERING INFORMATION

Order Number	Description
001-0012	2.4/5.5 GHz Waterproof Dipole Antenna for Reverse Polarity SMA Connector, IP67
080-0013	U.FL to Reverse Polarity SMA Cable, 105mm, O-Ring Seal
080-0014	U.FL to Reverse Polarity SMA Cable, 210mm, O-Ring Seal

Table 1 Orderable Part Numbers

SPECIFICATIONS

Specification	Value
2.4 Ghz Band Gain	+2 dBi
5 GHz Band Gain	+2 dBi
Impedance	50 ohms
Type	Dipole
Polarization	Linear Vertical
VSWR	≤2.5 : 1
Frequency	2400 - 2500MHz, 4910 - 5850MHz
Weight	18g
Size	114 mm × 13 mm
Antenna Color	Black
Operating Temp	-40°C to +85°C
UL Rating	UL 94HB

Table 2 Specifications

PHYSICAL DIMENSIONS (MM)

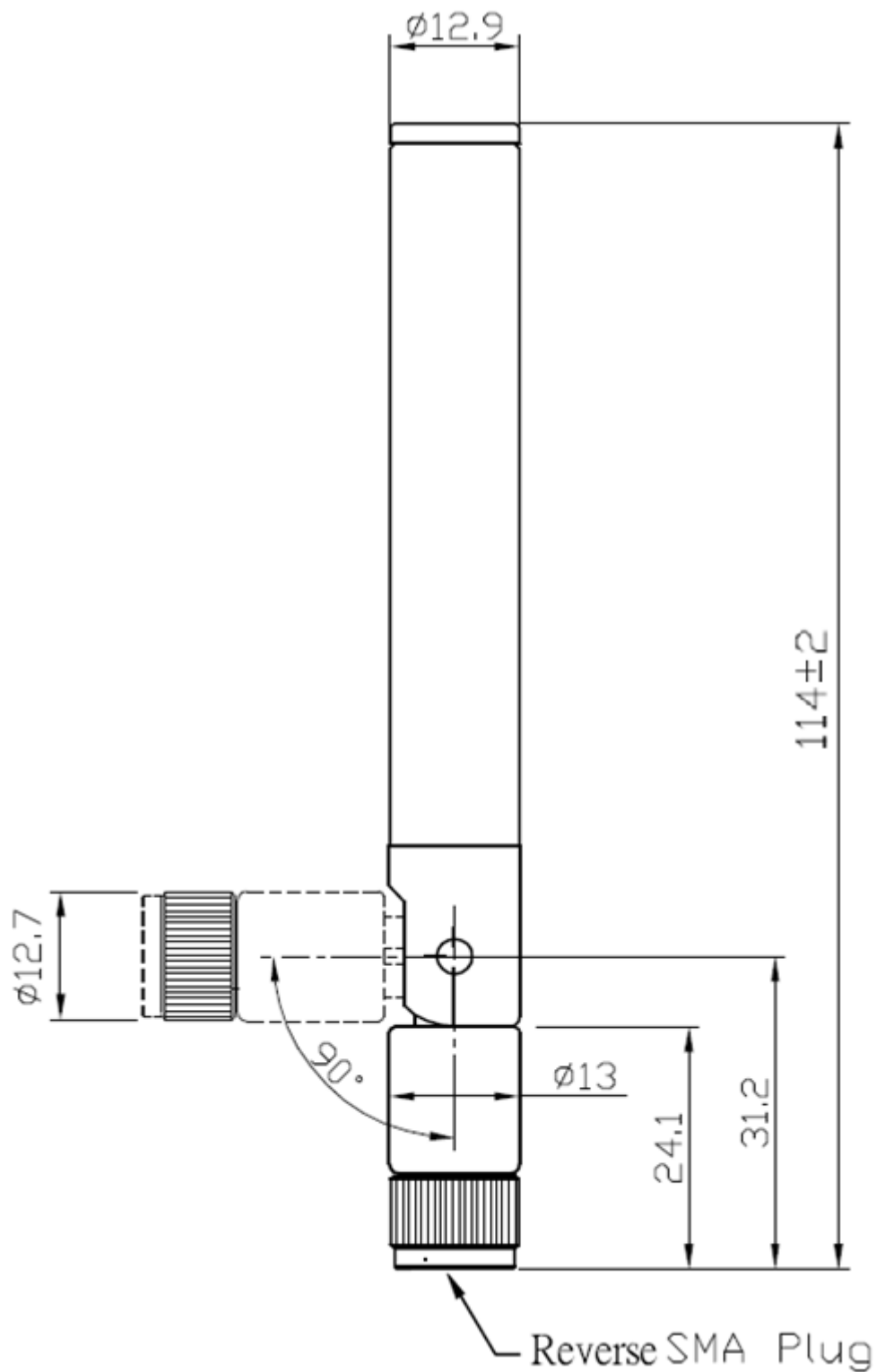


Figure 1 Physical Dimensions

TYPICAL ANTENNA REFLECTION PERFORMANCE

Straight Antenna Position

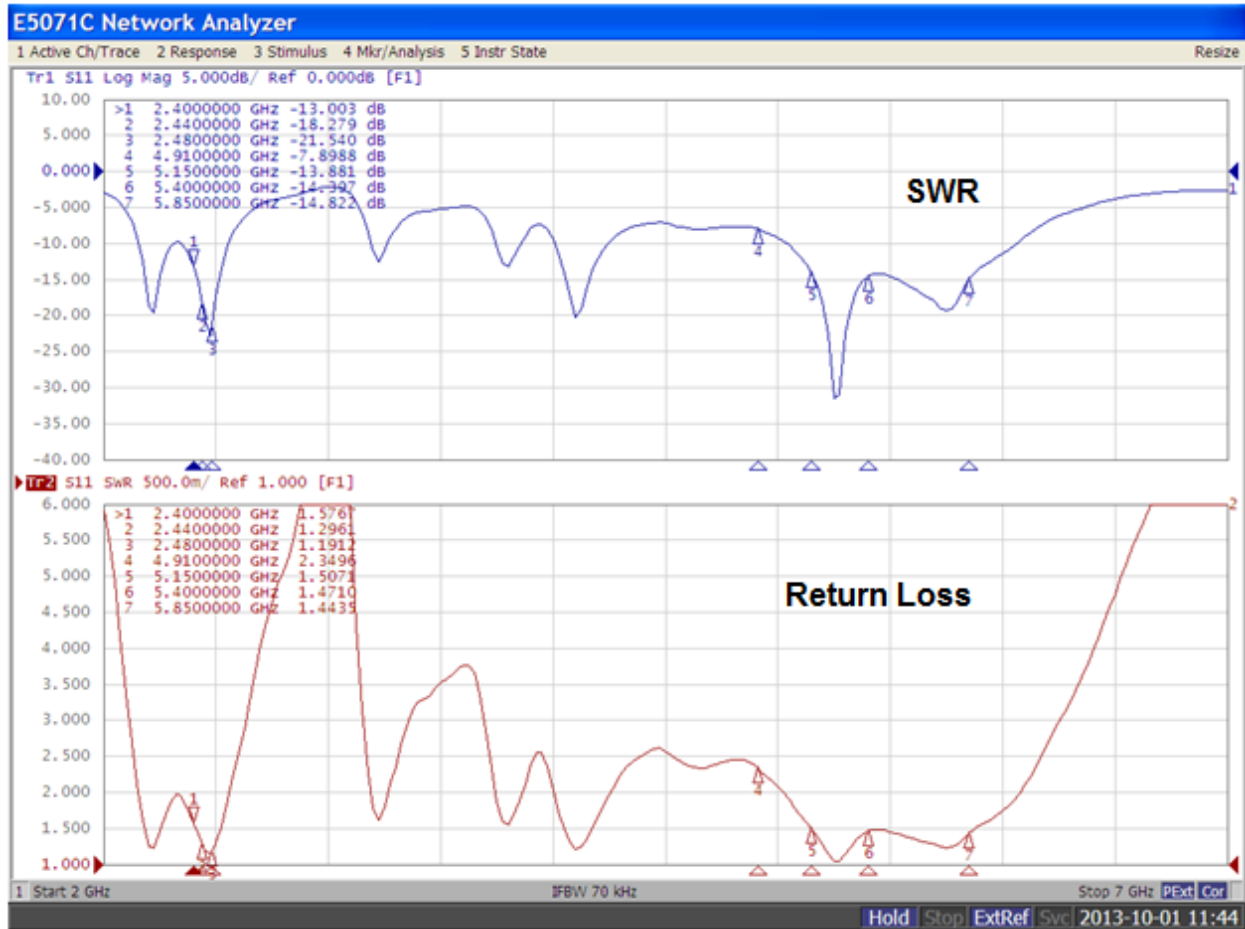


Figure 2 Typical Straight Position Reflection Performance

Bent Antenna Position

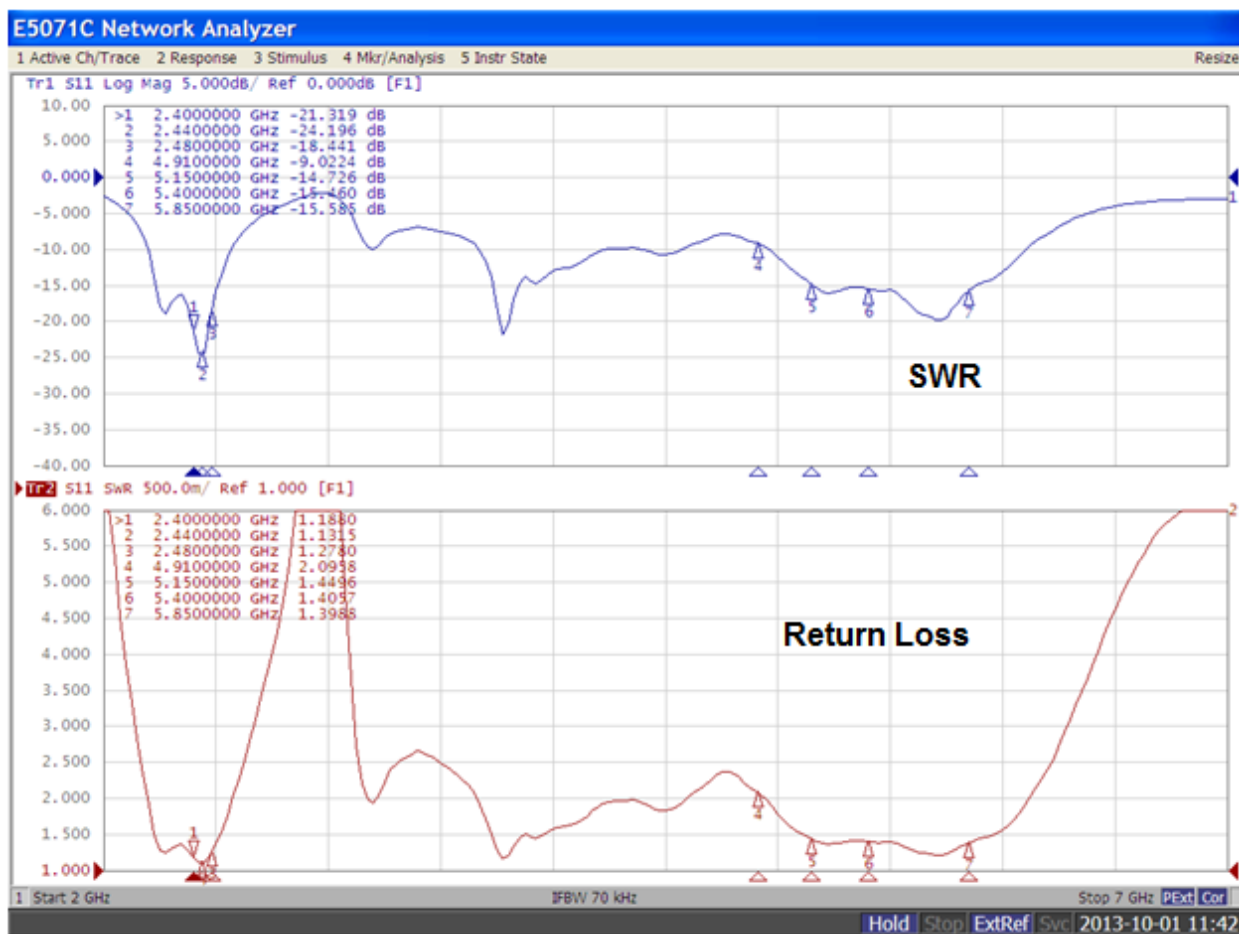


Figure 3 Typical Bent Position Reflection Performance

TYPICAL ANTENNA RADIATION PERFORMANCE

2.4 GHz Band

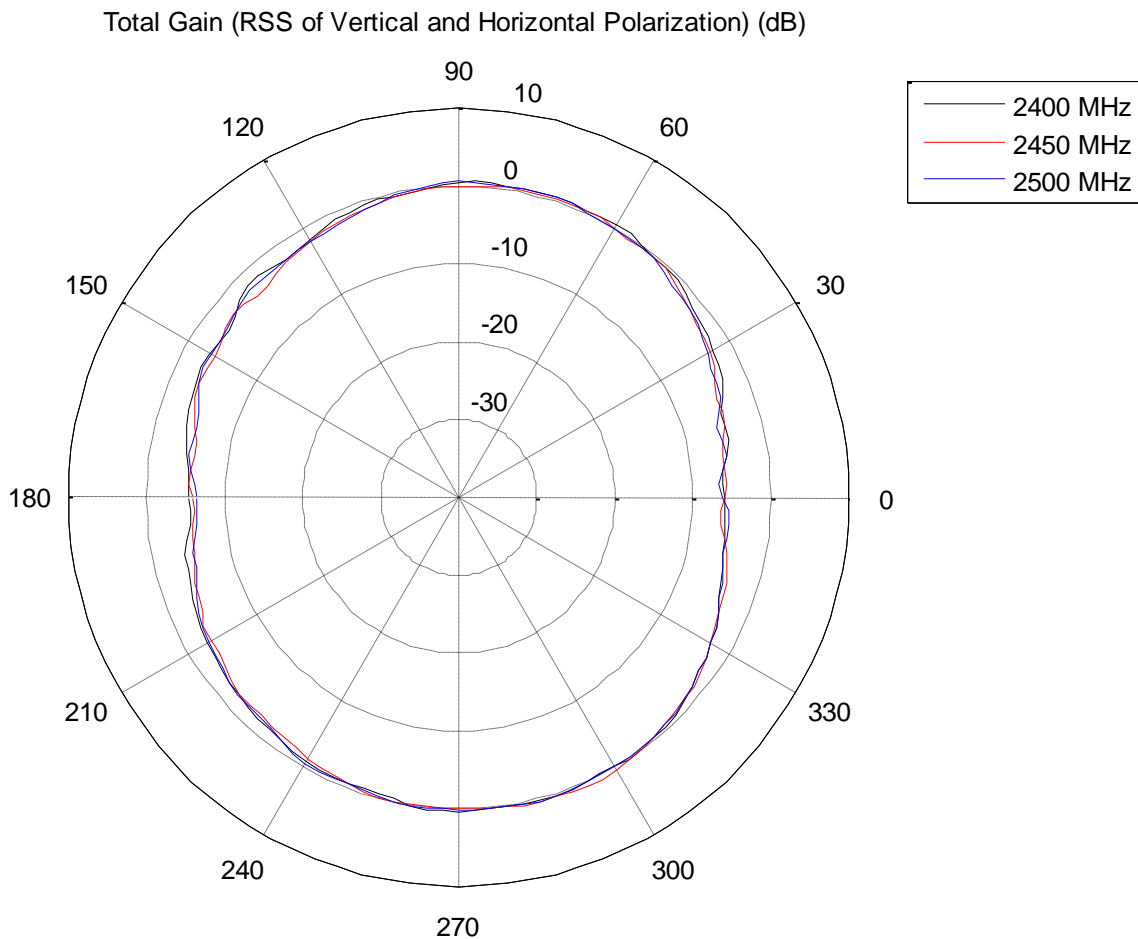


Figure 4 Typical E-Plane Performance

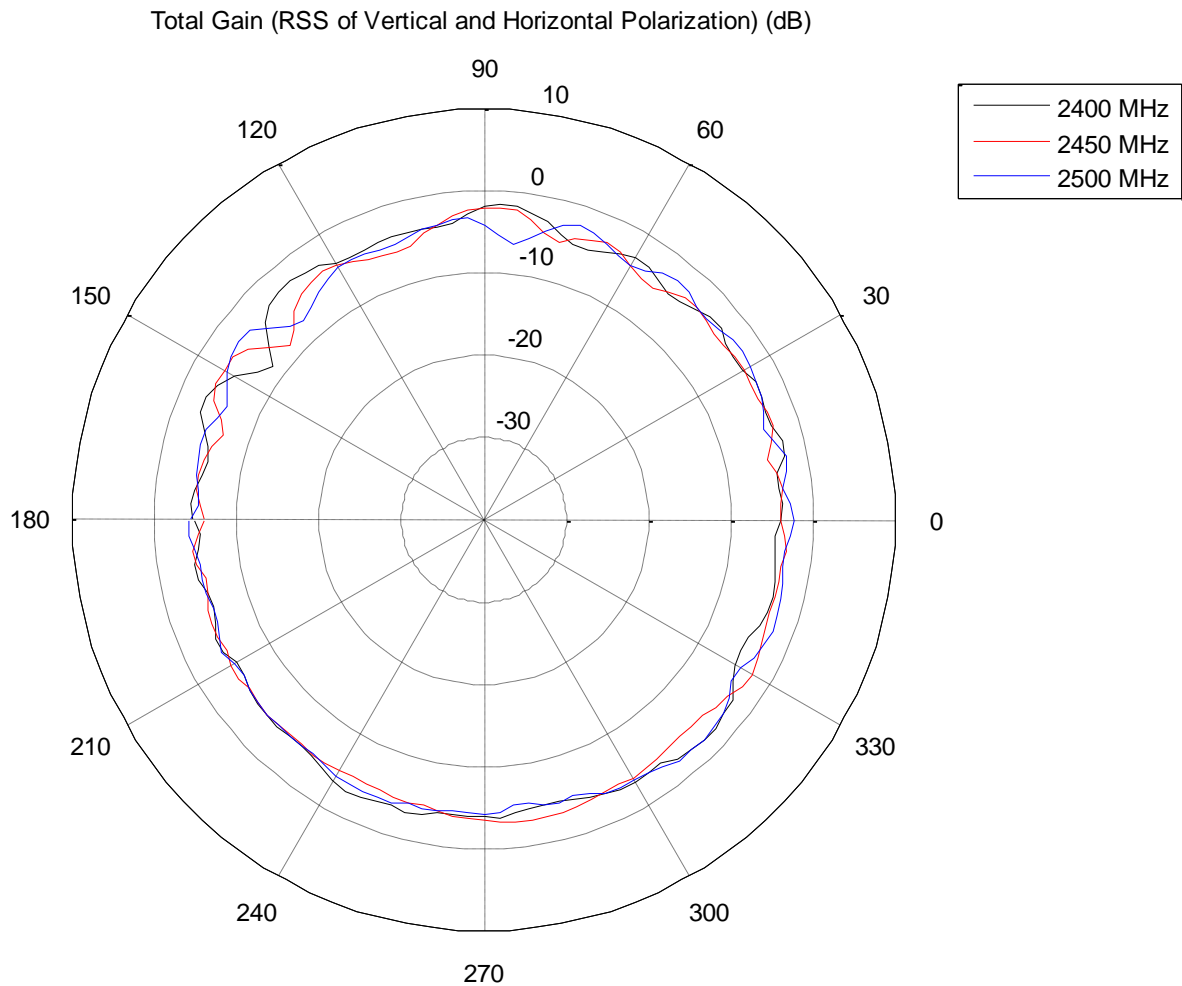


Figure 5 Typical H-Plane Performance

5 GHz Band

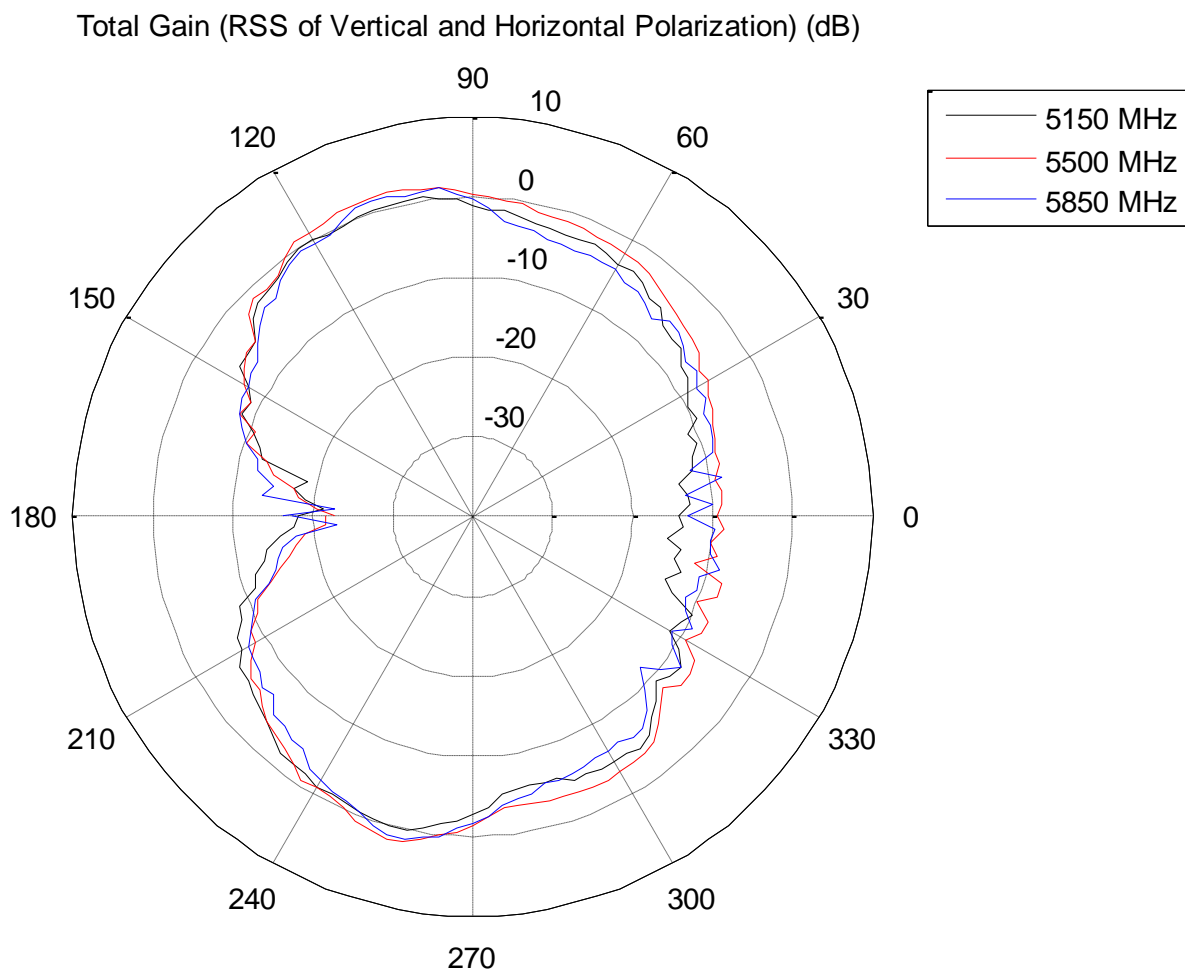


Figure 6 Typical E-Plane Performance

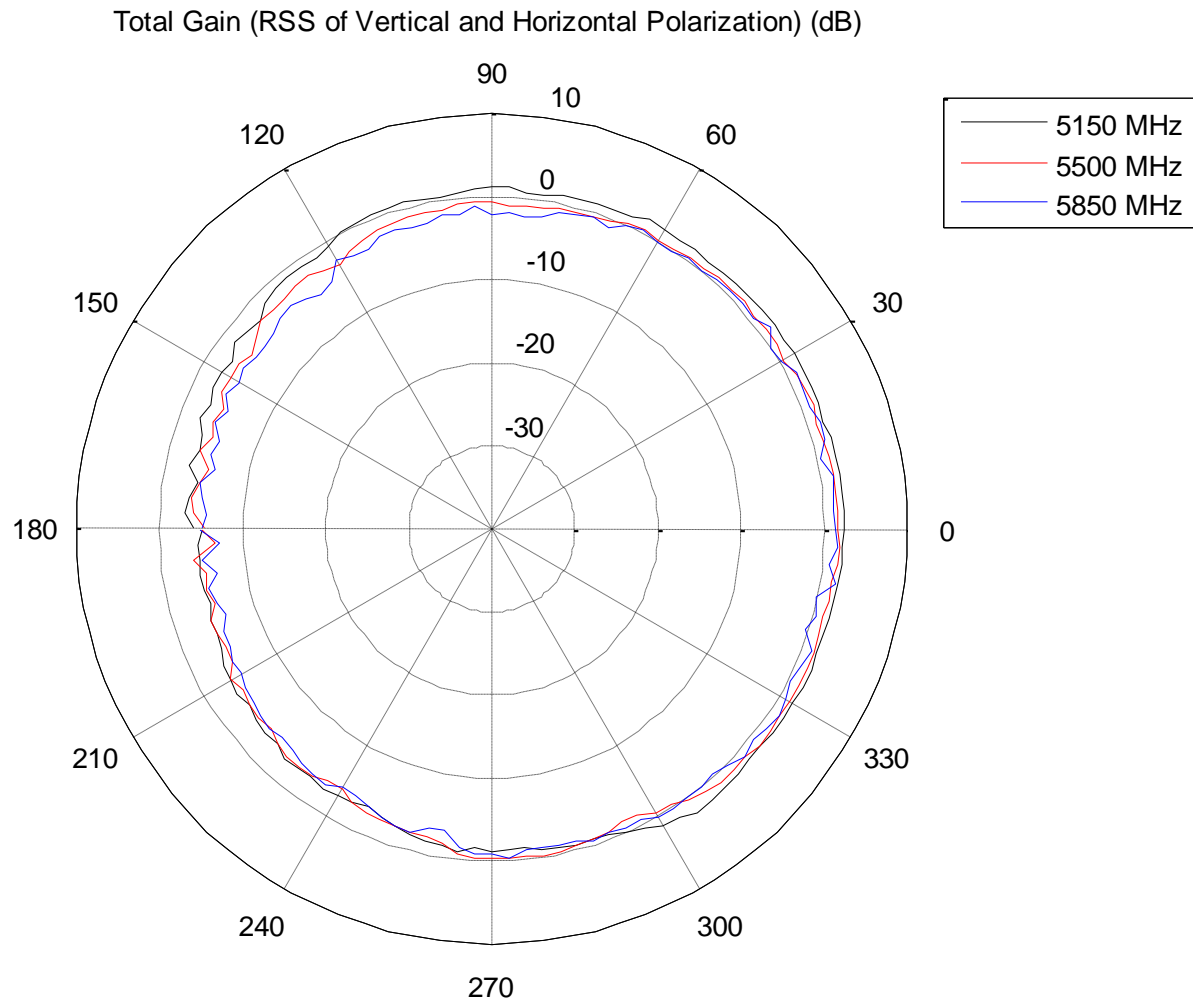


Figure 7 Typical H-Plane Performance

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"High Frequency Ceramic Solutions"

802.11 Dual Band 2.45/5 GHz Mini Chip Antenna. WiFi, Wireless LAN, I P/N 2450AD14A5500

Detail Specification: 10/26/2017

Page 1 of 6

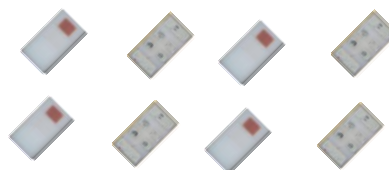
This is the Web version of this datasheet, for the full datasheet, please contact us at: www.johansontechnology.com/ask-a-question

General Specifications

Part Number	2450AD14A5500	
Frequency (MHz)	2400 - 2480	5150 - 5850
Ave. Rad Efficiency	60%	80%
Peak Gain (dBi typ.)	1.0 dBi typ. (XZ-Total)	4.0 dBi typ. (XZ-Total)
Average Gain (dBi typ.)	-3.5 dBi typ. (XZ-Total)	-2.5 dBi typ. (XZ-Total)
Return Loss (dB)	6 min.	6 min.
Impedance	50 Ω	
Input Power	2 Watts max. (CW)	

Let us help you with the antenna design, optimization, and tuning!

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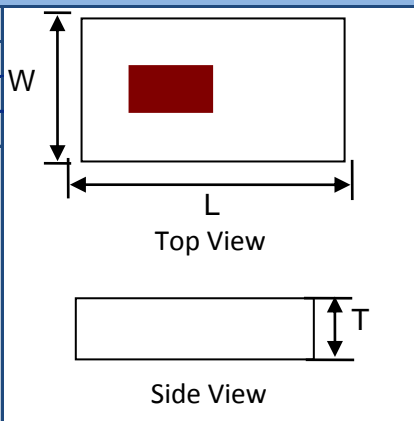
Storage Period	18 months max.
Storage Temperature	-40 to +85°C
Operating Temperature	-40 to +85°C
Reel Quantity	4000

Part Number Explanation

P/N Suffix	Packing Style	Bulk (loose)	Suffix = S	e.g. 2450AD14A5500S
		T & R	Suffix = T	e.g. 2450AD14A5500T
		100% Tin	Suffix = T or S	e.g. 2450AD14A5500(T or S)
	Evaluation Board	2450AD14A5500-EB1SMA & 2450AD14A5500-EB2SMA		

Mechanical Dimensions

	In	mm
L	0.063 \pm 0.004	1.60 \pm 0.10
W	0.031 \pm 0.004	0.80 \pm 0.10
T	0.016 max.	0.40 max.



Terminal Configuration

No.	Function
1	GND
2	FEED
3	NC
4	NC

Top View looking "through" the component

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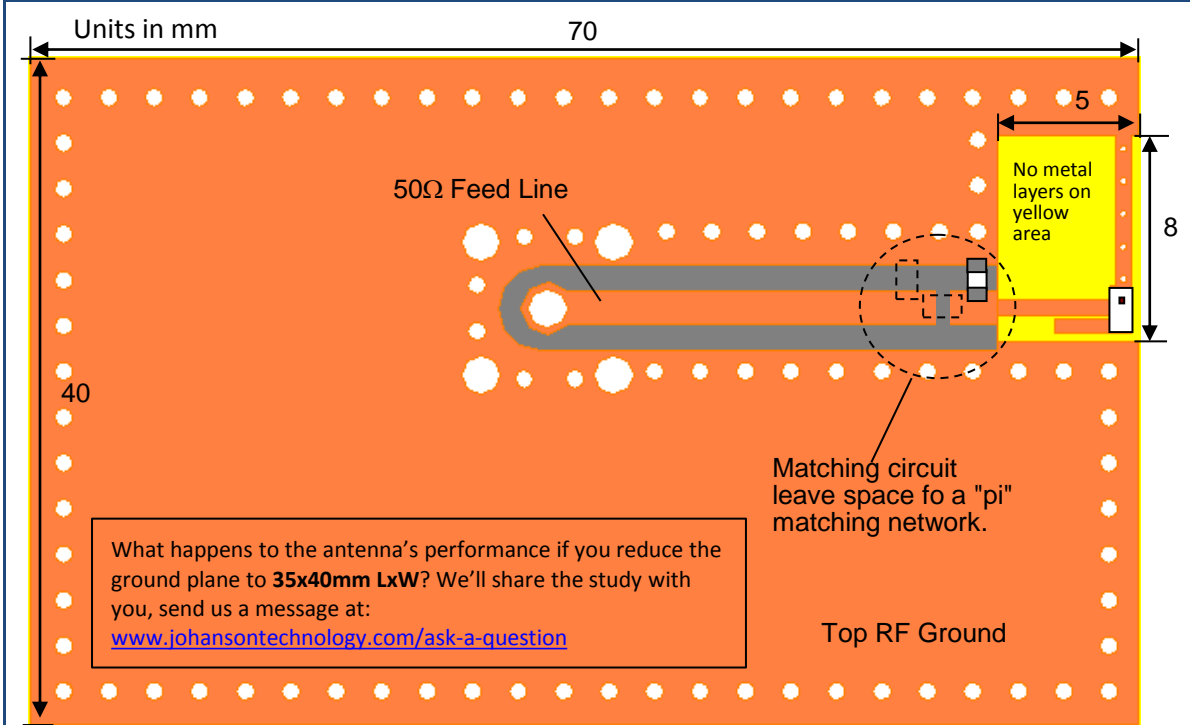
802.11 Dual Band 2.45/5 GHz Mini Chip Antenna. WiFi, Wireless LAN, IoT P/N 2450AD14A5500

Detail Specification: 10/26/2017

Page 2 of 7

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Mounting Considerations 1: Evaluation Board, 65x70mm (Scenario 1 Terminal Configuration)



To order the ABOVE pre-tuned 50Ω EVB with a female SMA connector click here: www.johansontechnology.com/request-a-sample

Would you like the layout file of the above? Have antenna tuning issues?

Please contact us if you have any questions regarding the implementation of this antenna in your PCB's layout. We'll be happy to guide you to maximize the antenna's performance.

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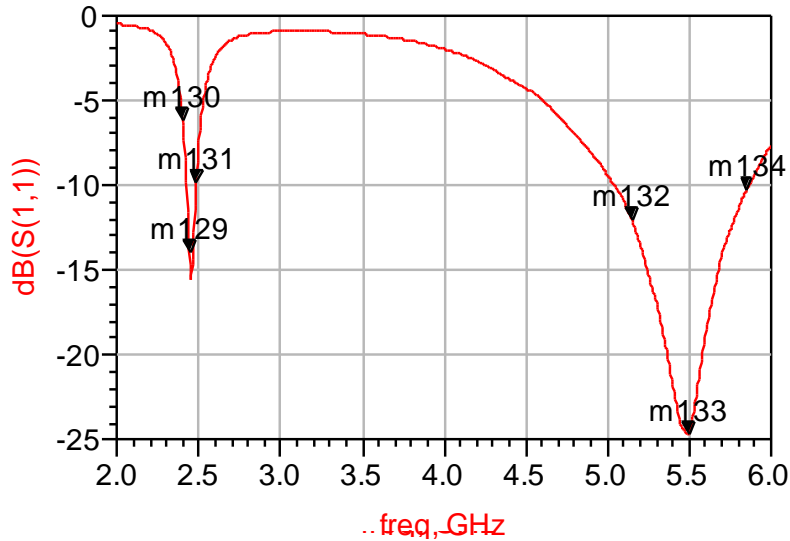
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Mounting Considerations 2: Typical Electrical Performance (T=25°C)



m130 freq=2.400GHz dB(S(1,1))=-6.202	m129 freq=2.442GHz dB(S(1,1))=-14.010	m131 freq=2.484GHz dB(S(1,1))=-9.880
m132 freq=5.150GHz dB(S(1,1))=-12.066	m133 freq=5.500GHz dB(S(1,1))=-24.657	m134 freq=5.850GHz dB(S(1,1))=-10.323

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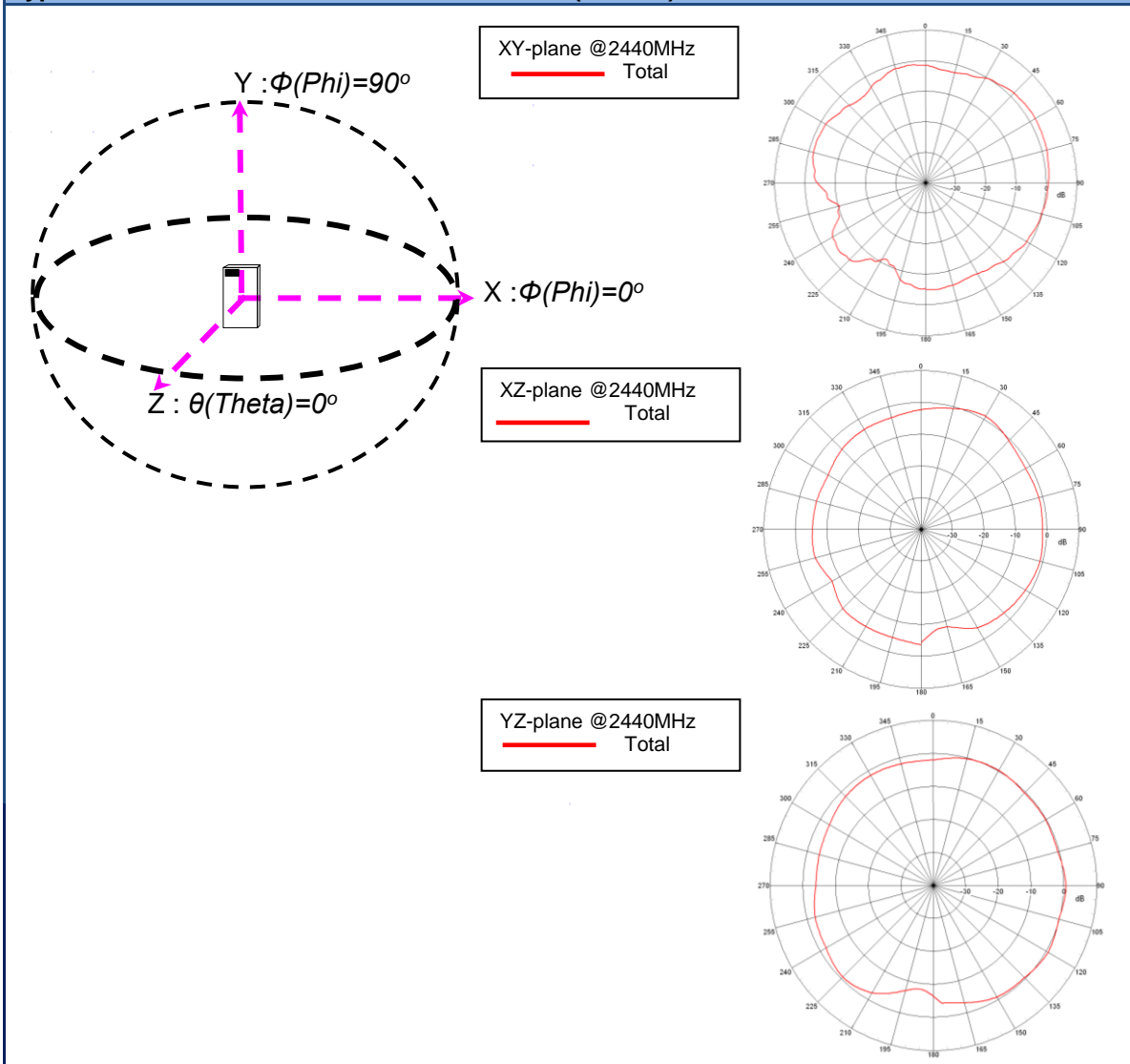
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Typical EM Radiation Performance @ 2.44GHz (T=25°C)



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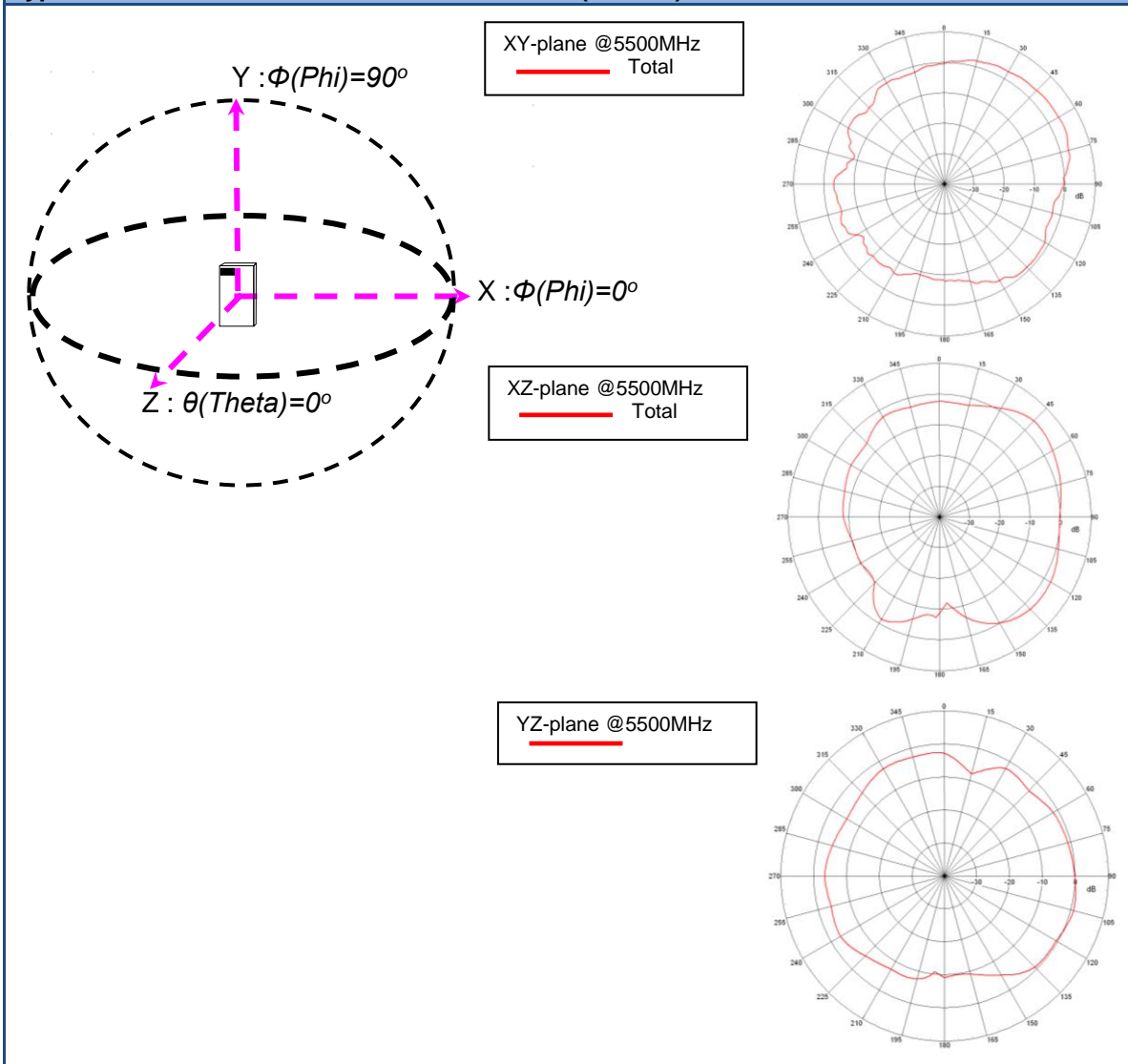
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Typical EM Radiation Performance @ 5.50 GHz (T=25°C)



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"High Frequency Ceramic Solutions"

802.11 Dual Band 2.45/5 GHz Mini Chip Antenna. WiFi, Wireless LAN, IoT

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