

# Japan Test Report

**Equipment** : 45 Series Pluggable module  
**Model No.** : MSD45N  
**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** : Nov. 13, 2018  
**Tested Date** : Nov. 22, 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

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**APPENDIX A.2 TEST RESULTS FOR ANTENNA POWER**

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## Release Record

Report No.	Version	Description	Issued Date
JR371704-06AN	Rev. 01	Initial issue	Dec. 20, 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

**Declaration of Conformity:**

The judgement of conformity in the report is based on the measurement results excluding the measurement uncertainty.

**Comments and Explanations:**

None

# 1 General Description

## 1.1 Information

### 1.1.1 Specification of the Equipment under Test (EUT)

<b>Power Type</b>	3.3Vdc from host
<b>Type(s) of Modulation / Technology</b>	64QAM, 16QAM, QPSK, BPSK / OFDM
<b>Frequency Range (MHz)</b>	5150~5250, 5250~5350, 5470~5725
<b>Operating Mode: IEEE Std. 802.11 / Data rate (Mbps)</b>	802.11a: Up to 54 Mbps 802.11n HT 20 (MCS 0~7)
<b>HW Version</b>	1.0
<b>SW Version</b>	23.3.3.5

### 1.1.2 Accessories

N/A

### 1.1.3 Antenna Details

Ant. No.	Brand /Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	MAG.LAYERS EDA-1513-25GR2-B2-CY	Dipole	SMA Jack Reverse	2	2	2	2	2
2	Laird NanoBlade-IP04	PCB Dipole	UFL	2	3.9	3.9	4	4
3	Laird MAF95310 Mini NanoBlade Flex	PCB Dipole	UFL	2.79	3.38	3.38	3.38	3.38
4	Laird NanoBlue-IP04	PCB Dipole	UFL	2	---	---	---	---
5	Ethertronics WLAN_1000146	PIFA	UFL	2.5	3.5	3.5	3.5	3.5
6	SAA MG7018-41-000-R	Dipole	UFL	1.87	0.85	0.6	0.94	0.92
7	SAA MG7324-41-000-R	Dipole	UFL	1.32	1.04	1.6	2.75	2.24
8	EMF2449A1-33UFL	PCB Dipole	UFL	0.8	3.3	3.3	3.3	3.3
9	MAG.LAYERS PCA-4606-2G4C1-A13-CY	PCB Dipole	UFL	2.21	---	---	---	---
10	Laird / EMF2449A2-8UFL	PCB Dipole	UFL	2.79	3.38	3.38	3.38	3.38
11	Laird / EMF2449A1-36MHF1	PCB Dipole	UFL	2.6	3.1	3.1	3.1	3.1

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

#### 1.1.4 Antenna Power

Operating Mode	Band	Rated Power (mW/MHz)	Measured Conducted Power (mW/MHz)	Radiated Power (mW/MHz)
11a	W52	4.00	3.76704	9.24698
	W53	4.00	3.87258	9.50605
	W56	5.50	5.43250	13.64583
11n HT20	W52	4.00	3.90841	9.59401
	W53	4.00	3.80189	9.33254
	W56	5.50	4.97737	12.50259

#### 1.1.5 Channel List

Frequency band (MHz)	5150~5250 / 5250~5350 / 5470~5725
802.11a / n HT20	
Channel	Frequency(MHz)
36	5180
40	5200
44	5220
48	5240
52	5260
56	5280
60	5300
64	5320
100	5500
104	5520
108	5540
112	5560
116	5580
120	5600
124	5620
128	5640
132	5660
136	5680
140	5700

### 1.1.6 Test Tool and Power Setting

Test Tool
ART V0.2

Power Setting			
Channel	Frequency (MHz)	802.11a	802.11n HT20
36	5180	17	17
48	5240	16	16.5
52	5260	16.5	17
64	5320	17.5	17
100	5500	19	18.5
120	5600	19	18.5
140	5700	20	19.5

### 1.1.7 Protection Method for High Frequency and Modulation Section

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

## 1.2 Test Equipment and Calibration Data

<b>Test Item</b>	RF Conducted				
<b>Test Site</b>	(TH01-WS)				
<b>Tested Date</b>	Nov. 22, 2018				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Calibration Date</b>	<b>Calibration Until</b>
Spectrum Analyzer	R&S	FSV40	101063	Apr. 16, 2018	Apr. 15, 2019
Spectrum Analyzer	R&S	FSV40	101499	Jan. 03, 2018	Jan. 02, 2019
Power Meter	Anritsu	ML2495A	1241002	Oct. 09, 2018	Oct. 08, 2019
Power Sensor	Anritsu	MA2411B	1207366	Oct. 09, 2018	Oct. 08, 2019
DC POWER SOURCE	GW INSTEK	GPC-6030D	EM892433	Oct. 25, 2018	Oct. 24, 2019
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

## 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
Notebook	DELL	Inspiron 3000	DoC

### 2.3 The Worst Test Modes and Channel Details

Test item	Mode	Test Frequency (MHz)
Antenna Power Frequency Tolerance Occupied Bandwidth Spurious Emission Adjacent Channel Emitted Power Out Of Band Leakage Power Burst Length Carrier Sense Interference prevention function Secondary Radiated Emissions Tolerance for Antenna Power	11a / HT20	5180 / 5240 / 5260 / 5320 / 5500 / 5600 / 5700

### 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	

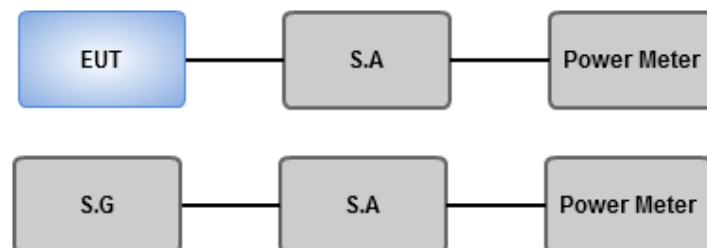
Band	Bandwidth(MHz)	Output Power Limit (mW/MHz)			Power Tolerance
		Conducted Power	EIRP		
			W/TPC	W/O TPC	
W53	20	10	10	5	+20 % , -80 %
	40	5	5	2.5	
	80	2.5	2.5	1.25	
	160	1.25	1.25	0.625	

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=1MHz, 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 Pt to give the equivalent output level of "E"
4. Calculate antenna power density by the formula below  $PD = Pt + 10 \cdot \log(1/x)$ .  
x: The duty cycle of the EUT in continuously transmitting mode  
Pt: 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

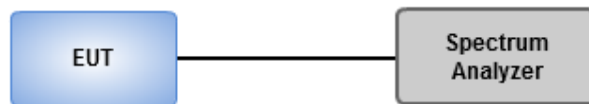
### 3.2.1 Limit of Frequency Tolerance

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

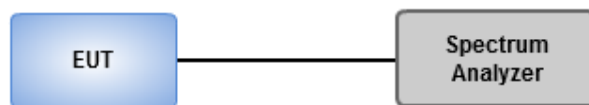
#### 3.3.1 Limit of Occupied Bandwidth

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

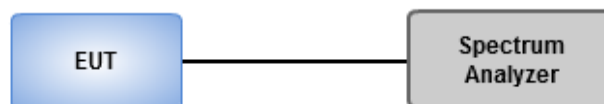
#### 3.4.1 Limit of Transmitter Spurious Emissions

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

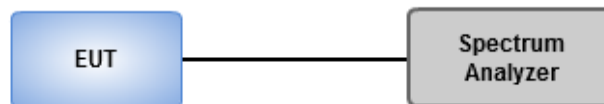
#### 3.5.1 Limit of Adjacent Channel Emitted Power

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 $\mu$ W/MHz
	5142.0 ~ 5150.0 MHz	15.0 $\mu$ 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 $\mu$ W/MHz
40	5100.0 ~ 5141.6 MHz	2.5 $\mu$ W/MHz
	5141.6 ~ 5150.0 MHz	15.0 $\mu$ 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 $\mu$ W/MHz
80	5020.0 ~ 5123.2 MHz	2.5 $\mu$ W/MHz
	5123.2 ~ 5150.0 MHz	15.0 $\mu$ 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 $\mu$ W/MHz

### W53 Band

Bandwidth(MHz)	Measured Frequency Range	Limit
20	5135.0 ~ 5233.3 MHz	2.5 $\mu$ 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 $\mu$ W/MHz
40	5100.0 ~ 5210.0 MHz	2.5 $\mu$ W/MHz
	5210.0 ~ 5221.6 MHz	2.5 $\mu$ 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 $\mu$ W/MHz
	5358.4 ~ 5400.0 MHz	2.5 $\mu$ W/MHz
80	5020.0 ~ 5203.3 MHz	2.5 $\mu$ 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 $\mu$ W/MHz
	5376.8 ~ 5480.0 MHz	2.5 $\mu$ W/MHz

### W52 + 53 Band

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

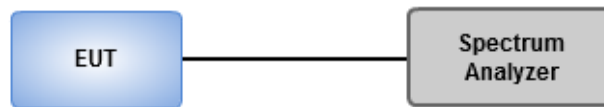
### W56 Band

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

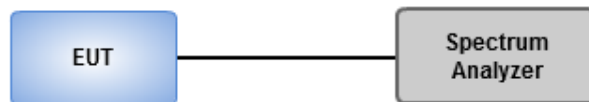
#### 3.7.1 Limit of Burst Length

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

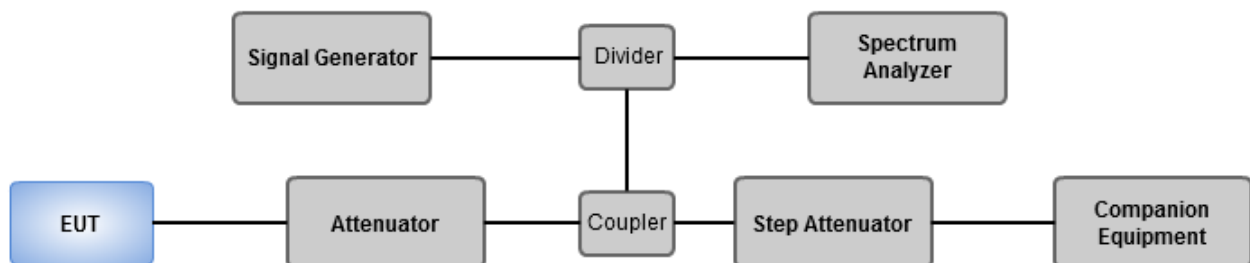
$$P_{cs} \text{ (dBm)} = 22.79 + G_r - 20\log(F)$$

$G_r$ : 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

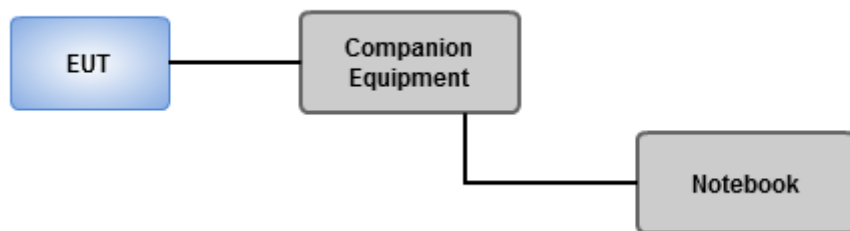
#### 3.9.1 Limit of Carrier Sense Measurement

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

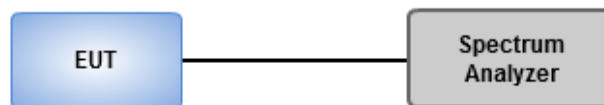
#### 4.1.1 Limit of Receiver Spurious Emissions

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 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.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website <http://www.icertifi.com.tw>.

### **Linkou**

Tel: 886-2-2601-1640

No. 30-2, Ding Fwu Tsuen, Lin Kou  
District, New Taipei City, Taiwan,  
R.O.C.

### **Kwei Shan**

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**

Tel: 886-3-271-8640

No. 14-1, Lane 19, Wen San 3rd  
St., Kwei Shan District, Tao Yuan  
City 333, Taiwan, R.O.C.

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

Tel: 886-3-271-8666

Fax: 886-3-318-0155

Email: ICC\_Service@icertifi.com.tw

==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	5.76	3.76704	9.66	9.24698
802.11n HT20_Nss1,(MCS0)_1TX	5.92	3.90841	9.82	9.59401
5.25-5.35GHz	-	-	-	-
802.11a_Nss1_1TX	5.88	3.87258	9.78	9.50605
802.11n HT20_Nss1,(MCS0)_1TX	5.80	3.80189	9.70	9.33254
5.47-5.725GHz	-	-	-	-
802.11a_Nss1_1TX	7.35	5.43250	11.35	13.64583
802.11n HT20_Nss1,(MCS0)_1TX	6.97	4.97737	10.97	12.50259

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	3.90	0.49	5.76	5.76	3.76704	10	9.66	9.24698	10
5180MHz_TnomVmin	Pass	3.90	0.49	5.39	5.39	3.45939	10	9.29	8.49180	10
5180MHz_TnomVmax	Pass	3.90	0.49	5.58	5.58	3.61410	10	9.48	8.87156	10
5240MHz_TnomVnom	Pass	3.90	0.49	5.68	5.68	3.69828	10	9.58	9.07821	10
5240MHz_TnomVmin	Pass	3.90	0.49	5.76	5.76	3.76704	10	9.66	9.24698	10
5240MHz_TnomVmax	Pass	3.90	0.49	5.71	5.71	3.72392	10	9.61	9.14113	10
5260MHz_TnomVnom	Pass	3.90	0.49	5.35	5.35	3.42768	10	9.25	8.41395	10
5260MHz_TnomVmin	Pass	3.90	0.49	5.12	5.12	3.25087	10	9.02	7.97995	10
5260MHz_TnomVmax	Pass	3.90	0.49	5.42	5.42	3.48337	10	9.32	8.55067	10
5320MHz_TnomVnom	Pass	3.90	0.49	5.83	5.83	3.82825	10	9.73	9.39723	10
5320MHz_TnomVmin	Pass	3.90	0.49	5.88	5.88	3.87258	10	9.78	9.50605	10
5320MHz_TnomVmax	Pass	3.90	0.49	5.72	5.72	3.73250	10	9.62	9.16220	10
5500MHz_TnomVnom	Pass	4.00	0.49	6.99	6.99	5.00035	10	10.99	12.56030	50
5500MHz_TnomVmin	Pass	4.00	0.49	6.92	6.92	4.92040	10	10.92	12.35947	50
5500MHz_TnomVmax	Pass	4.00	0.49	7.04	7.04	5.05825	10	11.04	12.70574	50
5600MHz_TnomVnom	Pass	4.00	0.49	7.35	7.35	5.43250	10	11.35	13.64583	50
5600MHz_TnomVmin	Pass	4.00	0.49	7.33	7.33	5.40754	10	11.33	13.58313	50
5600MHz_TnomVmax	Pass	4.00	0.49	7.31	7.31	5.38270	10	11.31	13.52073	50
5700MHz_TnomVnom	Pass	4.00	0.49	7.06	7.06	5.08159	10	11.06	12.76439	50



## 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)
5700MHz_TnomVmin	Pass	4.00	0.49	7.10	7.10	5.12861	10	11.10	12.88250	50
5700MHz_TnomVmax	Pass	4.00	0.49	7.02	7.02	5.03501	10	11.02	12.64736	50
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	3.90	0.49	5.34	5.34	3.41979	10	9.24	8.39460	10
5180MHz_TnomVmin	Pass	3.90	0.49	5.86	5.86	3.85478	10	9.76	9.46237	10
5180MHz_TnomVmax	Pass	3.90	0.49	5.92	5.92	3.90841	10	9.82	9.59401	10
5240MHz_TnomVnom	Pass	3.90	0.49	5.60	5.60	3.63078	10	9.50	8.91251	10
5240MHz_TnomVmin	Pass	3.90	0.49	5.61	5.61	3.63915	10	9.51	8.93305	10
5240MHz_TnomVmax	Pass	3.90	0.49	5.50	5.50	3.54813	10	9.40	8.70964	10
5260MHz_TnomVnom	Pass	3.90	0.49	5.58	5.58	3.61410	10	9.48	8.87156	10
5260MHz_TnomVmin	Pass	3.90	0.49	5.69	5.69	3.70681	10	9.59	9.09913	10
5260MHz_TnomVmax	Pass	3.90	0.49	5.80	5.80	3.80189	10	9.70	9.33254	10
5320MHz_TnomVnom	Pass	3.90	0.49	5.64	5.64	3.66438	10	9.54	8.99498	10
5320MHz_TnomVmin	Pass	3.90	0.49	5.58	5.58	3.61410	10	9.48	8.87156	10
5320MHz_TnomVmax	Pass	3.90	0.49	5.73	5.73	3.74111	10	9.63	9.18333	10
5500MHz_TnomVnom	Pass	4.00	0.49	6.40	6.40	4.36516	10	10.40	10.96478	50
5500MHz_TnomVmin	Pass	4.00	0.49	6.41	6.41	4.37522	10	10.41	10.99006	50
5500MHz_TnomVmax	Pass	4.00	0.49	6.28	6.28	4.24620	10	10.28	10.66596	50
5600MHz_TnomVnom	Pass	4.00	0.49	6.97	6.97	4.97737	10	10.97	12.50259	50
5600MHz_TnomVmin	Pass	4.00	0.49	6.93	6.93	4.93174	10	10.93	12.38797	50
5600MHz_TnomVmax	Pass	4.00	0.49	6.85	6.85	4.84172	10	10.85	12.16186	50
5700MHz_TnomVnom	Pass	4.00	0.49	6.54	6.54	4.50817	10	10.54	11.32400	50
5700MHz_TnomVmin	Pass	4.00	0.49	6.53	6.53	4.49780	10	10.53	11.29796	50
5700MHz_TnomVmax	Pass	4.00	0.49	6.69	6.69	4.66659	10	10.69	11.72195	50

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	5.76	3.76704	4.00	-5.82	20	-80
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.92	3.90841	4.00	-2.29	20	-80
5.25-5.35GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.88	3.87258	4.00	-3.19	20	-80
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.80	3.80189	4.00	-4.95	20	-80
5.47-5.725GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	6.92	4.92040	5.50	-10.54	50	-50
802.11n HT20_Nss1,(MCS0)_1TX	Pass	6.28	4.24620	5.00	-15.08	50	-50

### Result

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
802.11a_Nss1_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.76	3.76704	4.00	-5.82	20	-80
5180MHz_TnomVmin	Pass	5.39	3.45939	4.00	-13.52	20	-80
5180MHz_TnomVmax	Pass	5.58	3.61410	4.00	-9.65	20	-80
5240MHz_TnomVnom	Pass	5.68	3.69828	4.00	-7.54	20	-80
5240MHz_TnomVmin	Pass	5.76	3.76704	4.00	-5.82	20	-80
5240MHz_TnomVmax	Pass	5.71	3.72392	4.00	-6.90	20	-80
5260MHz_TnomVnom	Pass	5.35	3.42768	4.00	-14.31	20	-80
5260MHz_TnomVmin	Pass	5.12	3.25087	4.00	-18.73	20	-80
5260MHz_TnomVmax	Pass	5.42	3.48337	4.00	-12.92	20	-80
5320MHz_TnomVnom	Pass	5.83	3.82825	4.00	-4.29	20	-80
5320MHz_TnomVmin	Pass	5.88	3.87258	4.00	-3.19	20	-80
5320MHz_TnomVmax	Pass	5.72	3.73250	4.00	-6.69	20	-80
5500MHz_TnomVnom	Pass	6.99	5.00035	5.50	-9.08	50	-50
5500MHz_TnomVmin	Pass	6.92	4.92040	5.50	-10.54	50	-50
5500MHz_TnomVmax	Pass	7.04	5.05825	5.50	-8.03	50	-50
5600MHz_TnomVnom	Pass	7.35	5.43250	5.50	-1.23	50	-50
5600MHz_TnomVmin	Pass	7.33	5.40754	5.50	-1.68	50	-50
5600MHz_TnomVmax	Pass	7.31	5.38270	5.50	-2.13	50	-50



## Power Tolerance Result

## Appendix A.2

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
5700MHz_TnomVnom	Pass	7.06	5.08159	5.50	-7.61	50	-50
5700MHz_TnomVmin	Pass	7.10	5.12861	5.50	-6.75	50	-50
5700MHz_TnomVmax	Pass	7.02	5.03501	5.50	-8.45	50	-50
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.34	3.41979	4.00	-14.51	20	-80
5180MHz_TnomVmin	Pass	5.86	3.85478	4.00	-3.63	20	-80
5180MHz_TnomVmax	Pass	5.92	3.90841	4.00	-2.29	20	-80
5240MHz_TnomVnom	Pass	5.60	3.63078	4.00	-9.23	20	-80
5240MHz_TnomVmin	Pass	5.61	3.63915	4.00	-9.02	20	-80
5240MHz_TnomVmax	Pass	5.50	3.54813	4.00	-11.30	20	-80
5260MHz_TnomVnom	Pass	5.58	3.61410	4.00	-9.65	20	-80
5260MHz_TnomVmin	Pass	5.69	3.70681	4.00	-7.33	20	-80
5260MHz_TnomVmax	Pass	5.80	3.80189	4.00	-4.95	20	-80
5320MHz_TnomVnom	Pass	5.64	3.66438	4.00	-8.39	20	-80
5320MHz_TnomVmin	Pass	5.58	3.61410	4.00	-9.65	20	-80
5320MHz_TnomVmax	Pass	5.73	3.74111	4.00	-6.47	20	-80
5500MHz_TnomVnom	Pass	6.40	4.36516	5.00	-12.70	50	-50
5500MHz_TnomVmin	Pass	6.41	4.37522	5.00	-12.50	50	-50
5500MHz_TnomVmax	Pass	6.28	4.24620	5.00	-15.08	50	-50
5600MHz_TnomVnom	Pass	6.97	4.97737	5.00	-0.45	50	-50
5600MHz_TnomVmin	Pass	6.93	4.93174	5.00	-1.37	50	-50
5600MHz_TnomVmax	Pass	6.85	4.84172	5.00	-3.17	50	-50
5700MHz_TnomVnom	Pass	6.54	4.50817	5.00	-9.84	50	-50
5700MHz_TnomVmin	Pass	6.53	4.49780	5.00	-10.04	50	-50
5700MHz_TnomVmax	Pass	6.69	4.66659	5.00	-6.67	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	5.24000159G	0.303	±20	1	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.18G	5.17999904G	-0.184	±20	1	-
5.25-5.35GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.32G	5.32000207G	0.39	±20	1	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.32G	5.32000096G	0.18	±20	1	-
5.47-5.725GHz	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.5G	5.50000142G	0.257	±20	1	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.5G	5.5000009G	0.164	±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	5.17999904G	-0.186	±20	1	-
5180MHz_TnomVmin	Pass	5.18G	5.17999904G	-0.185	±20	1	-
5180MHz_TnomVmax	Pass	5.18G	5.17999904G	-0.185	±20	1	-
5240MHz_TnomVnom	Pass	5.24G	5.24000159G	0.303	±20	1	-
5240MHz_TnomVmin	Pass	5.24G	5.24000102G	0.194	±20	1	-
5240MHz_TnomVmax	Pass	5.24G	5.24000071G	0.136	±20	1	-
5260MHz_TnomVnom	Pass	5.26G	5.26000085G	0.161	±20	1	-
5260MHz_TnomVmin	Pass	5.26G	5.26000007G	0.133	±20	1	-
5260MHz_TnomVmax	Pass	5.26G	5.26000058G	0.111	±20	1	-
5320MHz_TnomVnom	Pass	5.32G	5.32000207G	0.39	±20	1	-
5320MHz_TnomVmin	Pass	5.32G	5.32000152G	0.286	±20	1	-
5320MHz_TnomVmax	Pass	5.32G	5.32000122G	0.228	±20	1	-
5500MHz_TnomVnom	Pass	5.5G	5.50000142G	0.257	±20	1	-
5500MHz_TnomVmin	Pass	5.5G	5.50000117G	0.213	±20	1	-
5500MHz_TnomVmax	Pass	5.5G	5.50000098G	0.177	±20	1	-
5600MHz_TnomVnom	Pass	5.6G	5.6000006G	0.107	±20	1	-
5600MHz_TnomVmin	Pass	5.6G	5.6000006G	0.107	±20	1	-
5600MHz_TnomVmax	Pass	5.6G	5.60000057G	0.102	±20	1	-
5700MHz_TnomVnom	Pass	5.7G	5.70000034G	0.059	±20	1	-
5700MHz_TnomVmin	Pass	5.7G	5.70000036G	0.063	±20	1	-
5700MHz_TnomVmax	Pass	5.7G	5.70000035G	0.061	±20	1	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.18G	5.17999904G	-0.184	±20	1	-
5180MHz_TnomVmin	Pass	5.18G	5.17999905G	-0.184	±20	1	-
5180MHz_TnomVmax	Pass	5.18G	5.17999905G	-0.183	±20	1	-
5240MHz_TnomVnom	Pass	5.24G	5.24000005G	0.095	±20	1	-
5240MHz_TnomVmin	Pass	5.24G	5.24000037G	0.071	±20	1	-
5240MHz_TnomVmax	Pass	5.24G	5.24000031G	0.059	±20	1	-
5260MHz_TnomVnom	Pass	5.26G	5.26000049G	0.093	±20	1	-
5260MHz_TnomVmin	Pass	5.26G	5.26000041G	0.078	±20	1	-
5260MHz_TnomVmax	Pass	5.26G	5.26000034G	0.065	±20	1	-



## Frequency Tolerance Result

## Appendix B

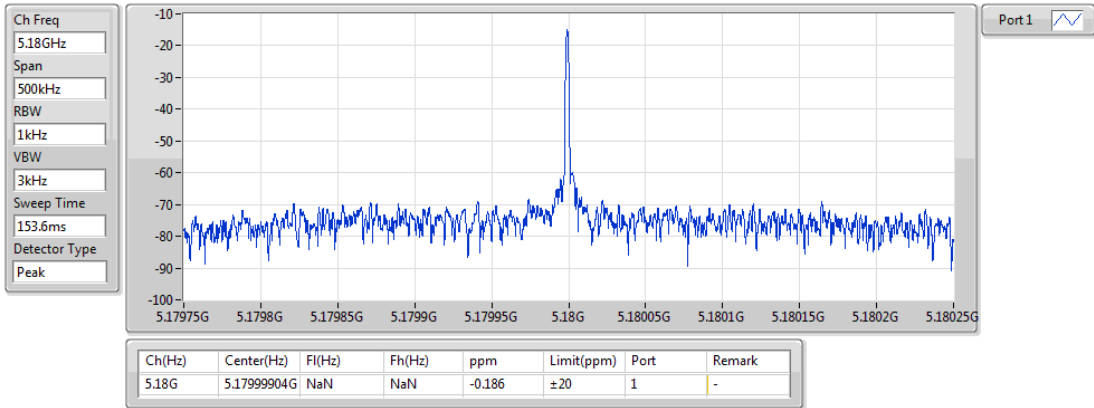
Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
5320MHz_TnomVnom	Pass	5.32G	5.32000096G	0.18	±20	1	-
5320MHz_TnomVmin	Pass	5.32G	5.32000082G	0.155	±20	1	-
5320MHz_TnomVmax	Pass	5.32G	5.32000071G	0.133	±20	1	-
5500MHz_TnomVnom	Pass	5.5G	5.5000009G	0.164	±20	1	-
5500MHz_TnomVmin	Pass	5.5G	5.50000072G	0.131	±20	1	-
5500MHz_TnomVmax	Pass	5.5G	5.50000071G	0.129	±20	1	-
5600MHz_TnomVnom	Pass	5.6G	5.60000052G	0.093	±20	1	-
5600MHz_TnomVmin	Pass	5.6G	5.60000044G	0.079	±20	1	-
5600MHz_TnomVmax	Pass	5.6G	5.60000039G	0.07	±20	1	-
5700MHz_TnomVnom	Pass	5.7G	5.70000032G	0.056	±20	1	-
5700MHz_TnomVmin	Pass	5.7G	5.70000027G	0.047	±20	1	-
5700MHz_TnomVmax	Pass	5.7G	5.70000023G	0.041	±20	1	-



802.11a\_Nss1\_1TX

Freq. Stability

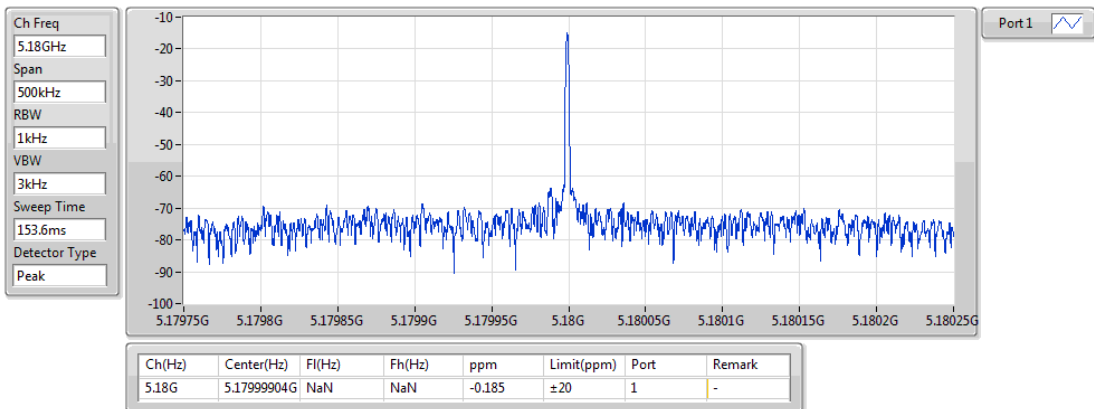
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802.11a\_Nss1\_1TX

Freq. Stability

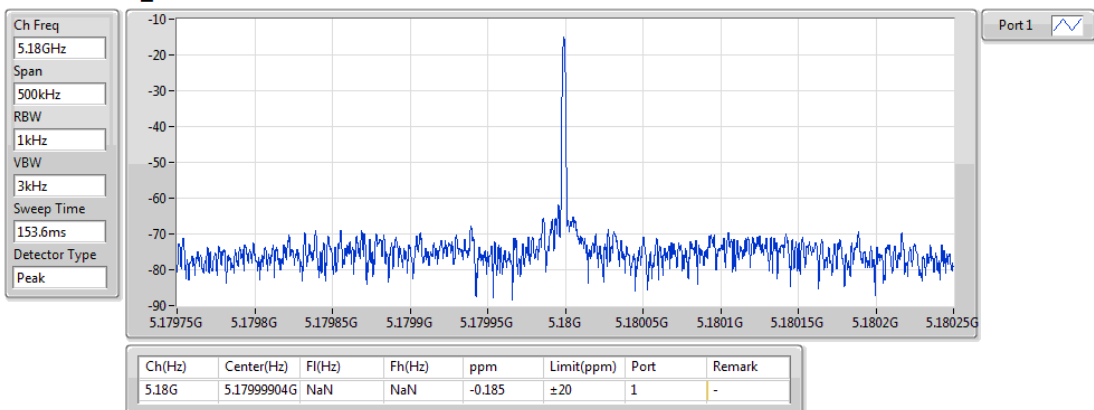
5180MHz\_TnomVmin



802.11a\_Nss1\_1TX

Freq. Stability

5180MHz\_TnomVmax

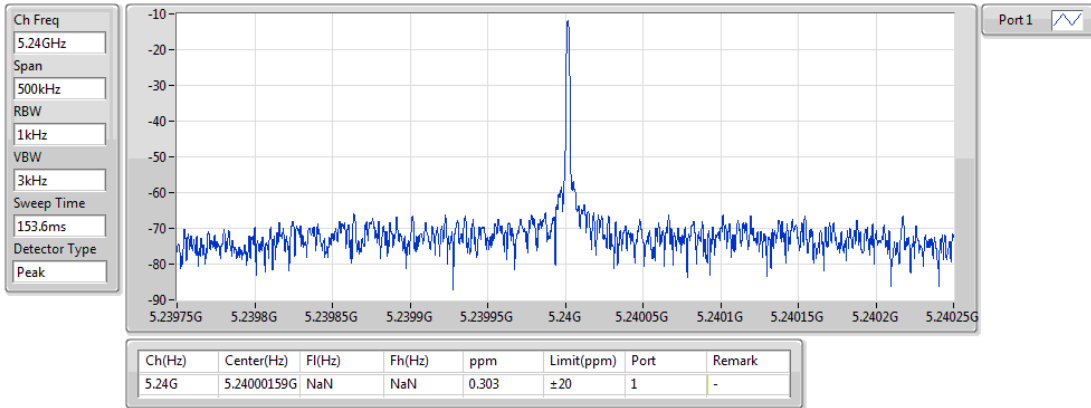




802.11a\_Nss1\_1TX

Freq. Stability

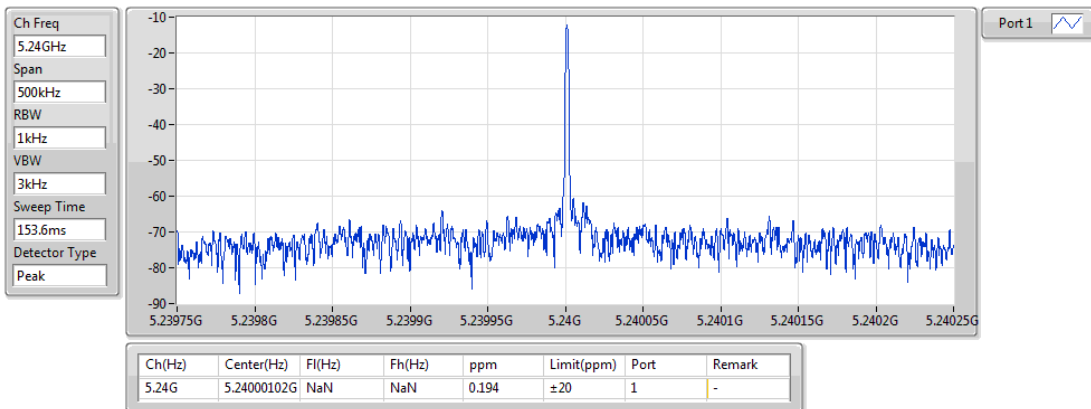
5240MHz\_TnomVnom



802.11a\_Nss1\_1TX

Freq. Stability

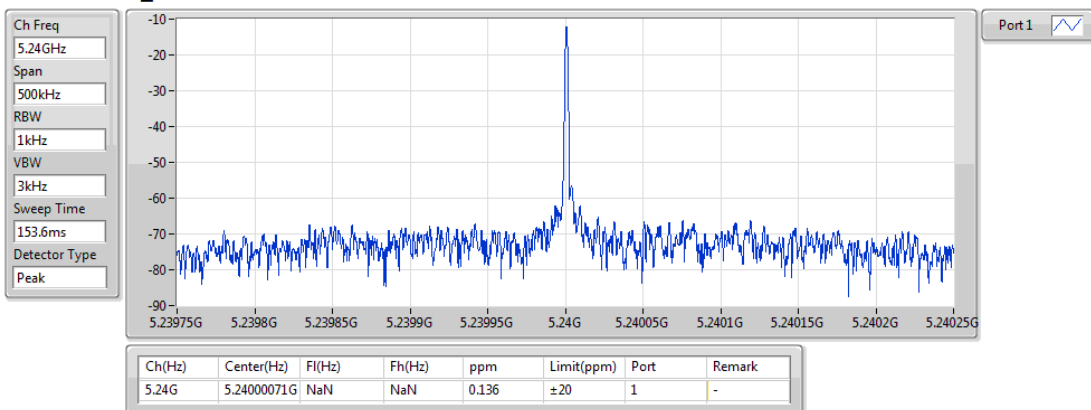
5240MHz\_TnomVmin



802.11a\_Nss1\_1TX

Freq. Stability

5240MHz\_TnomVmax





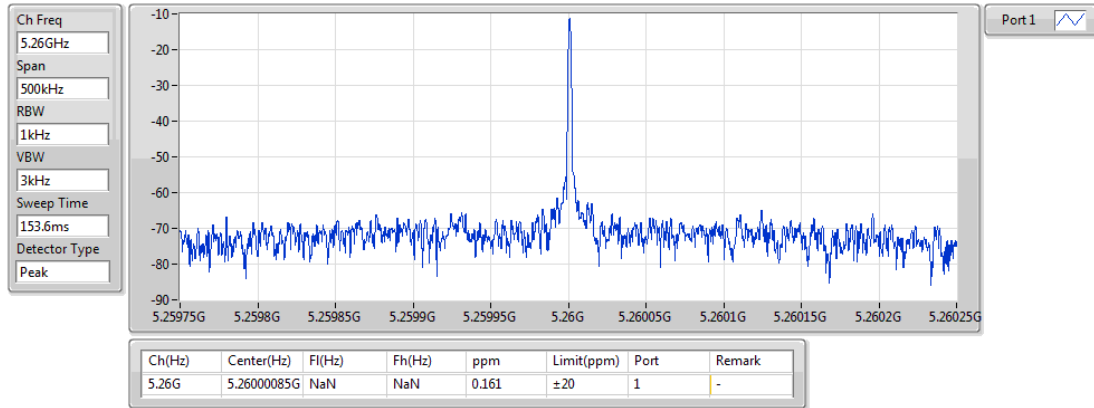
## Frequency Tolerance Result

## Appendix B

802.11a\_Nss1\_1TX

Freq. Stability

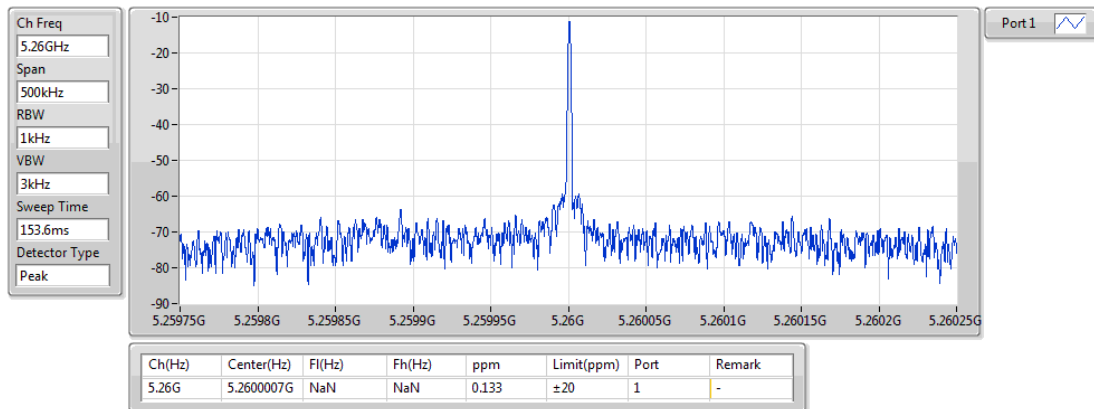
5260MHz\_TnomVnom



802.11a\_Nss1\_1TX

Freq. Stability

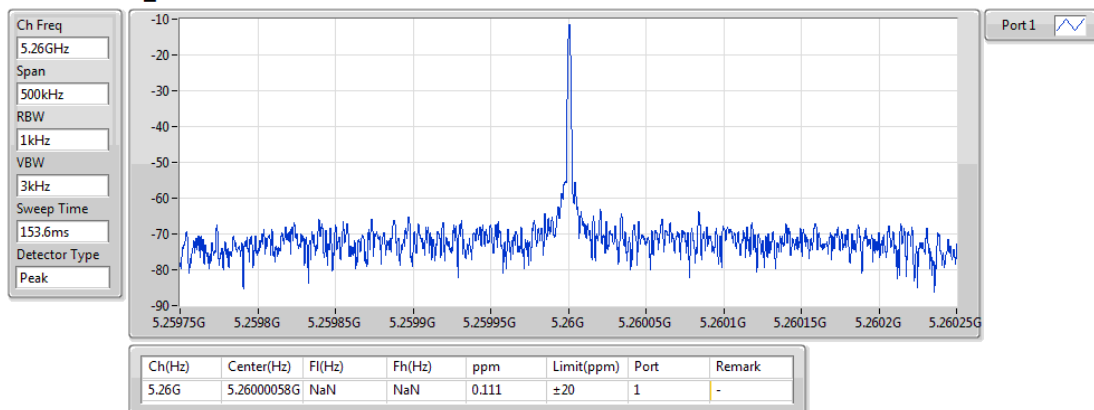
5260MHz\_TnomVmin



802.11a\_Nss1\_1TX

Freq. Stability

5260MHz\_TnomVmax

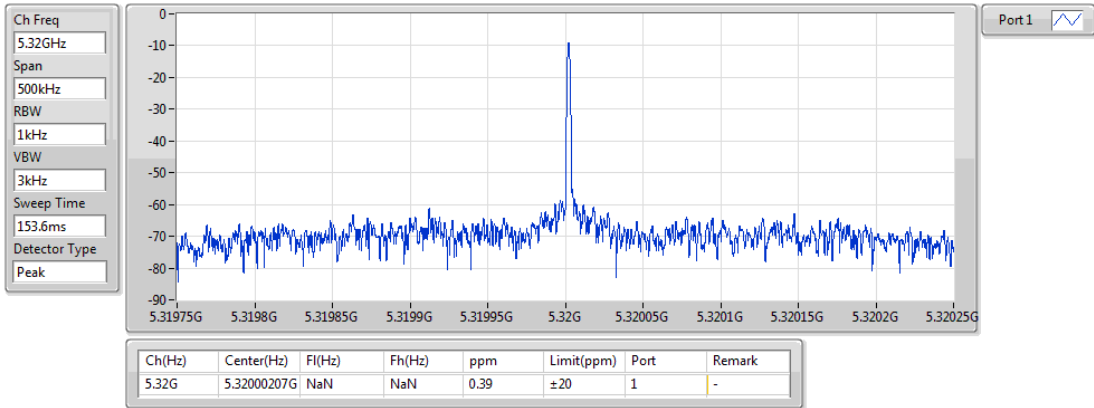




802.11a\_Nss1\_1TX

Freq. Stability

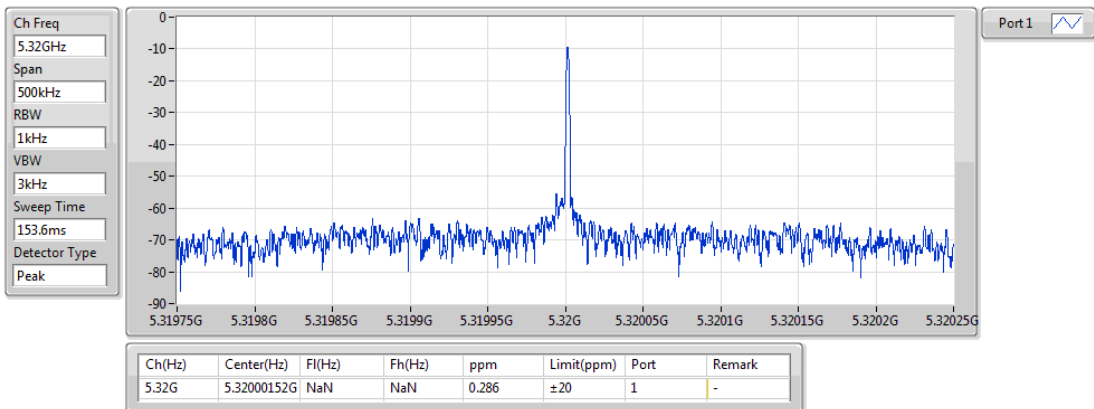
5320MHz\_TnomVnom



802.11a\_Nss1\_1TX

Freq. Stability

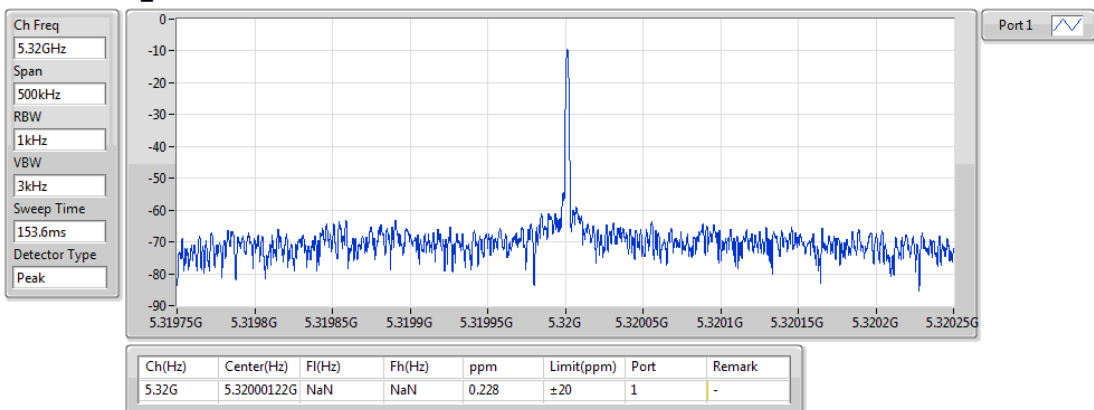
5320MHz\_TnomVmin



802.11a\_Nss1\_1TX

Freq. Stability

5320MHz\_TnomVmax

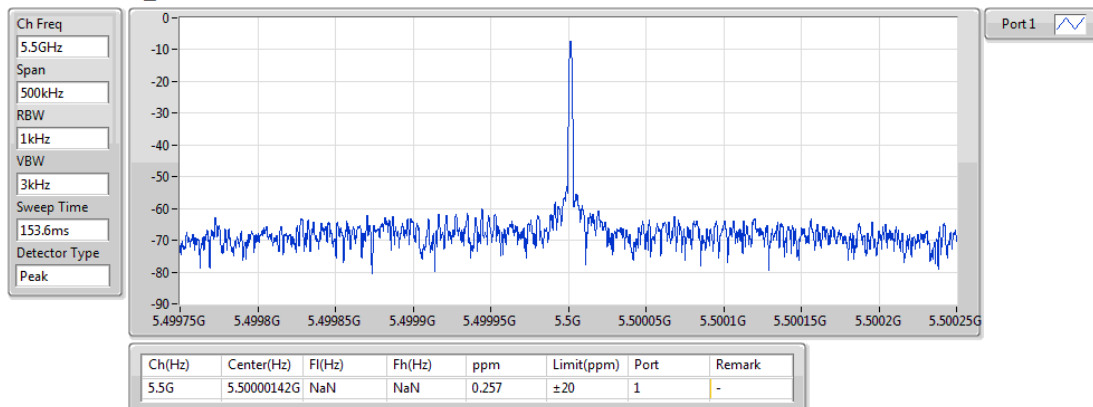




## 802.11a\_Nss1\_1TX

## Freq. Stability

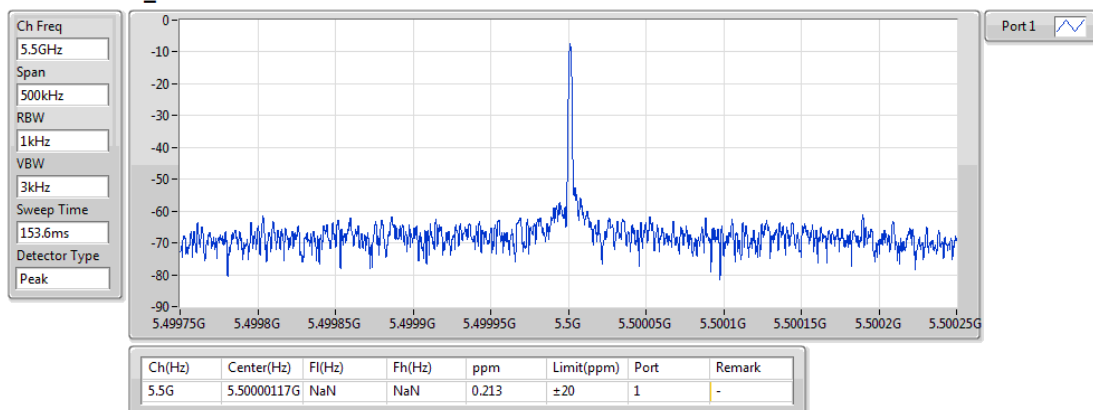
### 5500MHz\_TnomVnom



## 802.11a\_Nss1\_1TX

## Freq. Stability

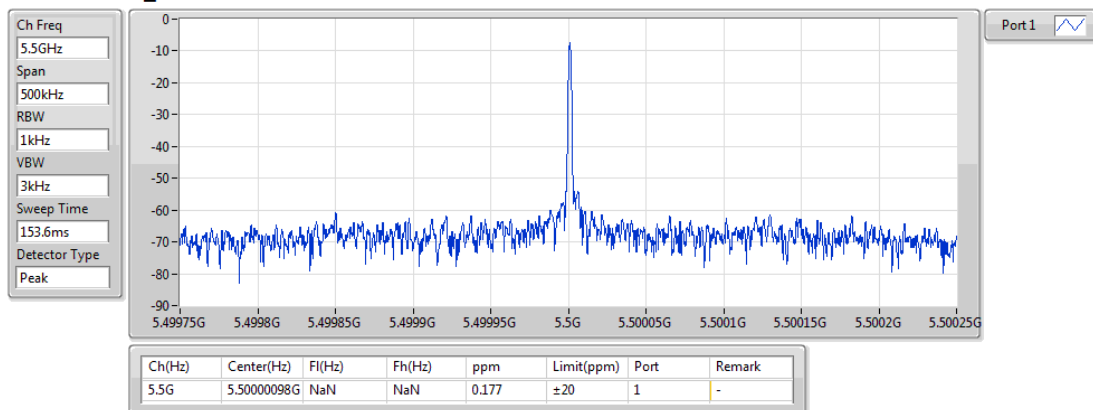
### 5500MHz\_TnomVmin



## 802.11a\_Nss1\_1TX

## Freq. Stability

### 5500MHz\_TnomVmax

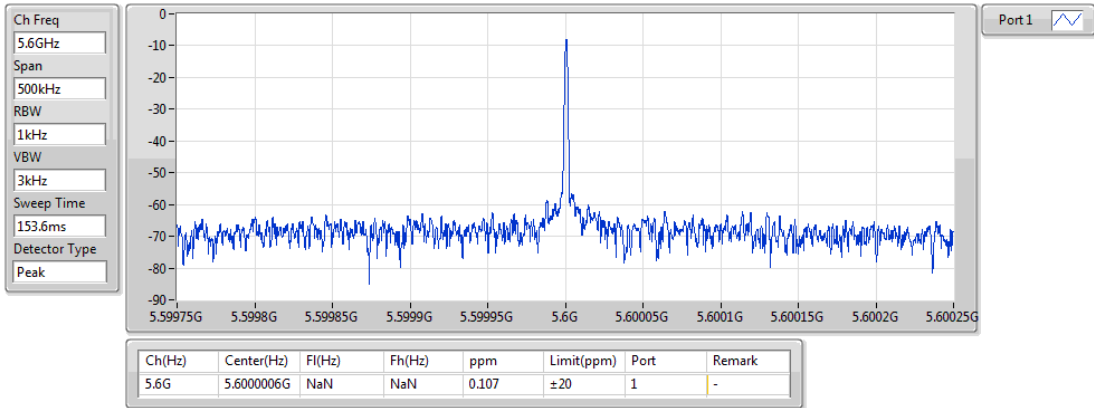




802.11a\_Nss1\_1TX

Freq. Stability

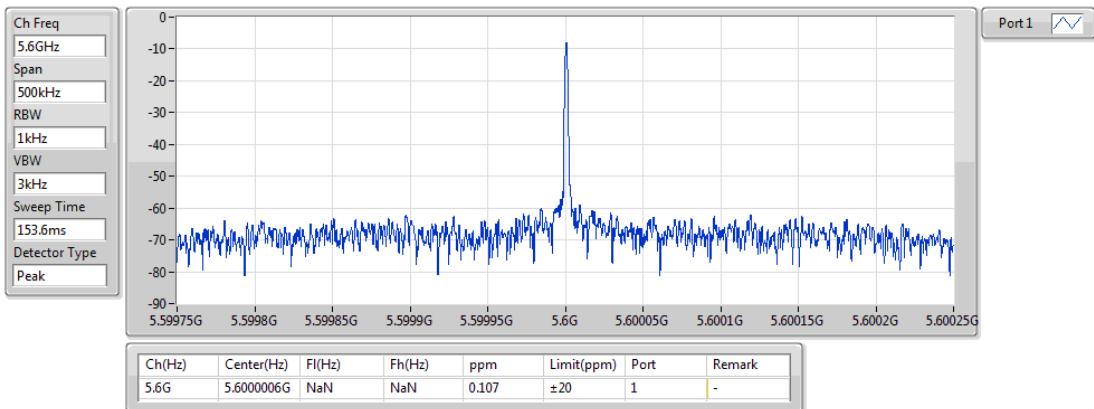
5600MHz\_TnomVnom



802.11a\_Nss1\_1TX

Freq. Stability

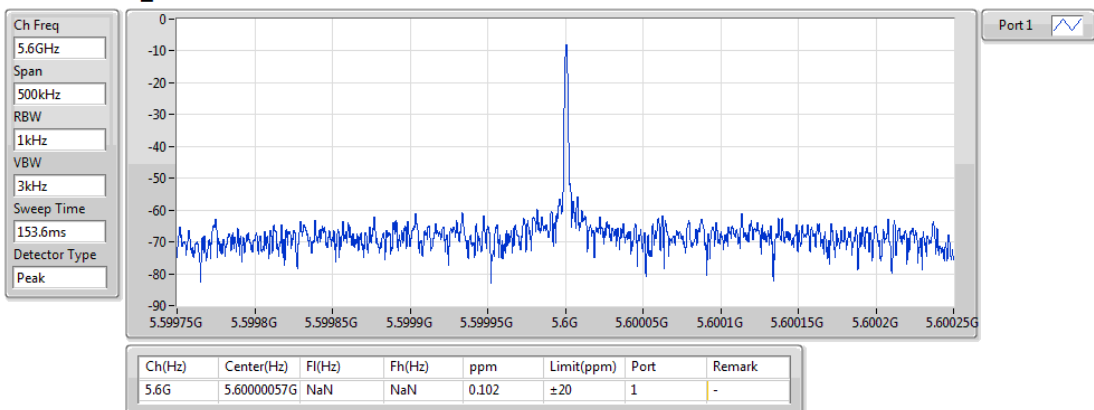
5600MHz\_TnomVmin



802.11a\_Nss1\_1TX

Freq. Stability

5600MHz\_TnomVmax





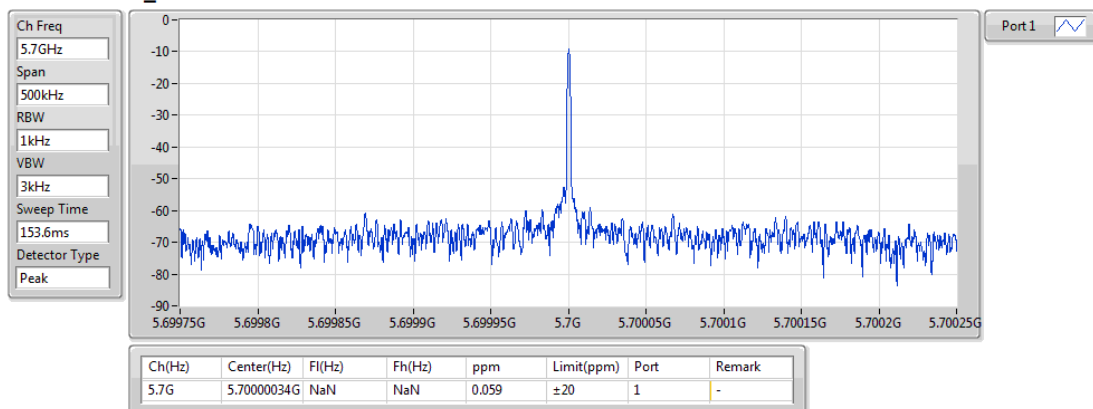
## Frequency Tolerance Result

## Appendix B

802.11a\_Nss1\_1TX

Freq. Stability

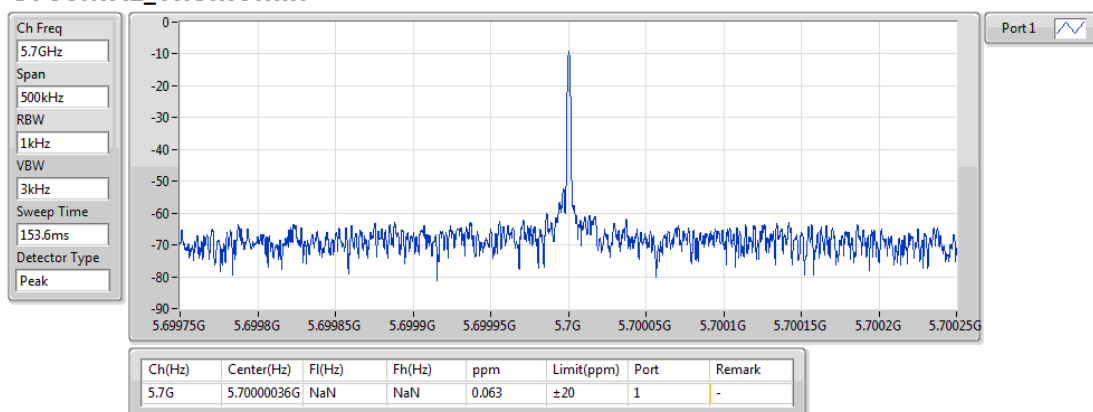
5700MHz\_TnomVnom



802.11a\_Nss1\_1TX

Freq. Stability

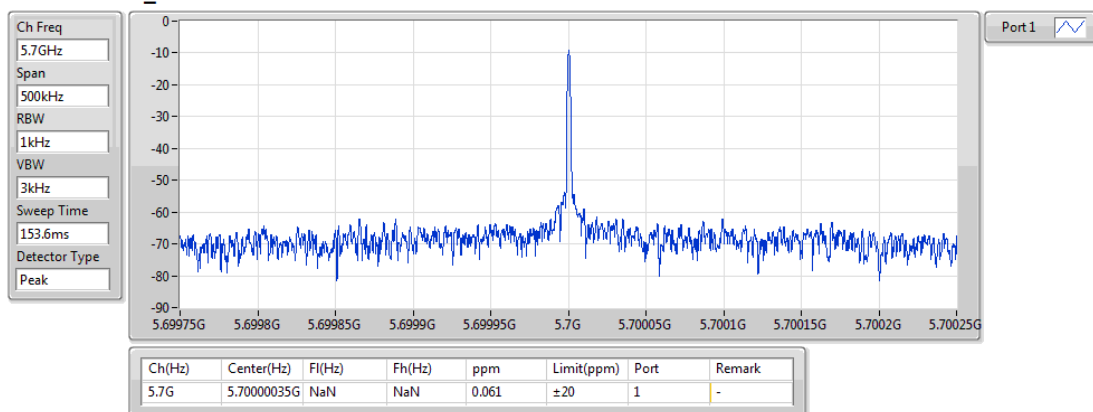
5700MHz\_TnomVmin



802.11a\_Nss1\_1TX

Freq. Stability

5700MHz\_TnomVmax

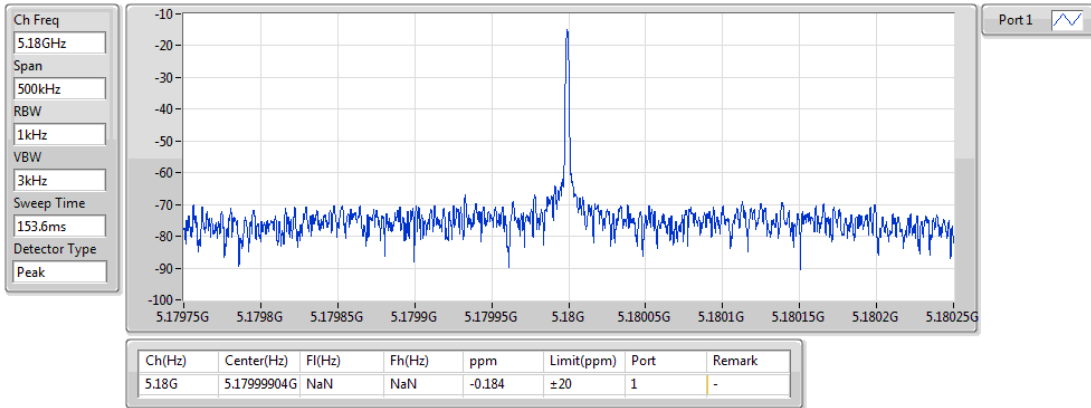




802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

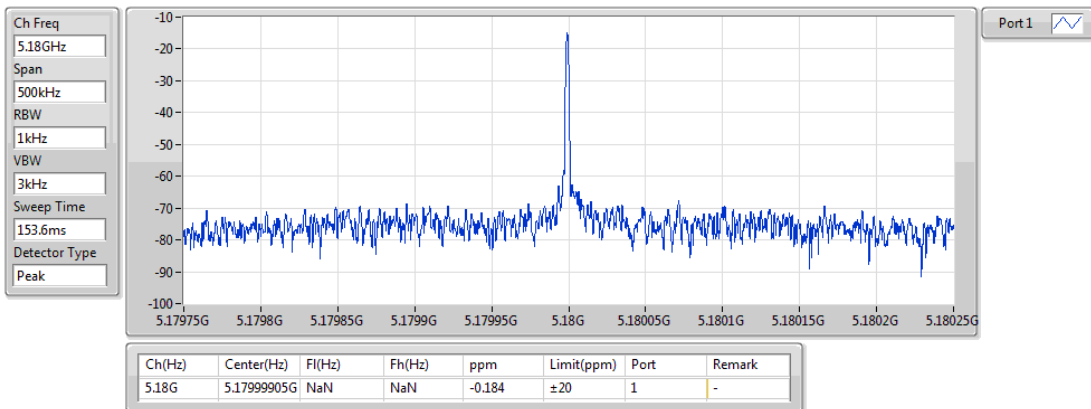
5180MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

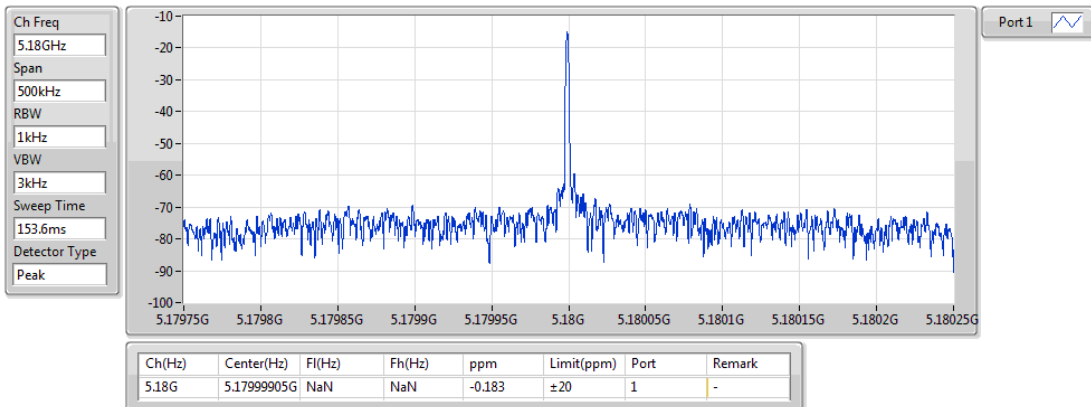
5180MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

5180MHz\_TnomVmax

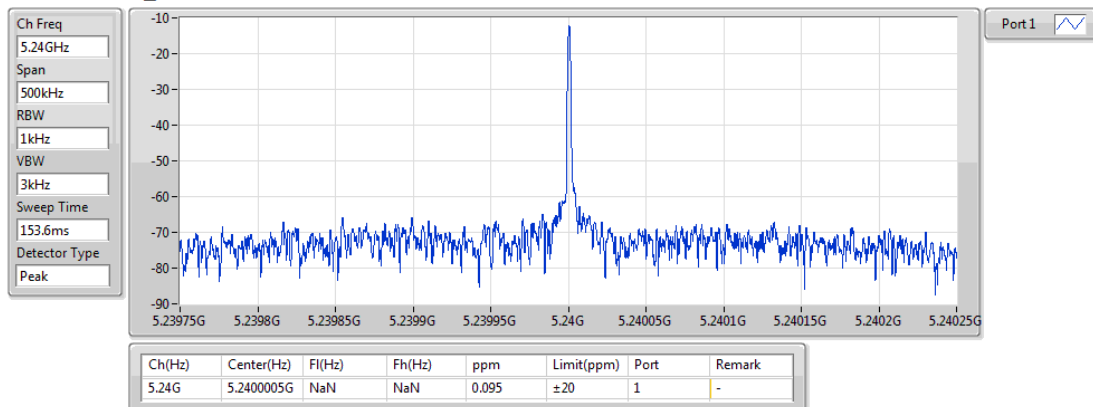




802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

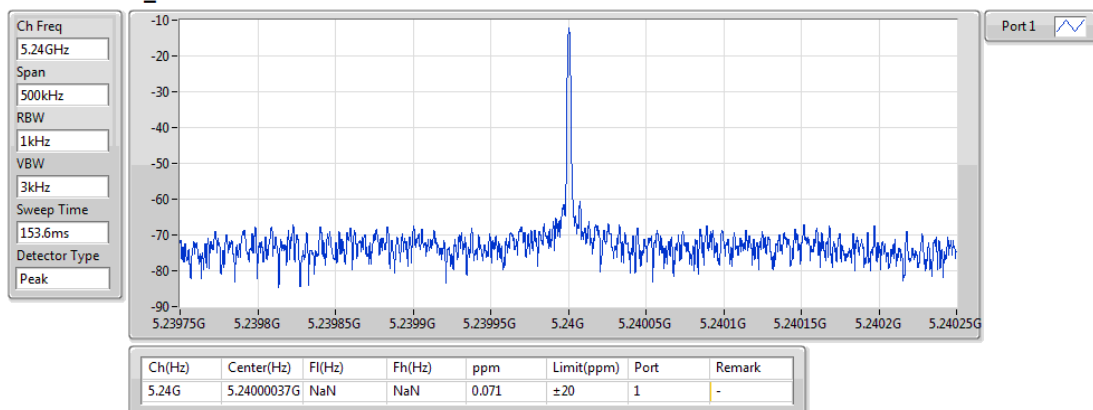
5240MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

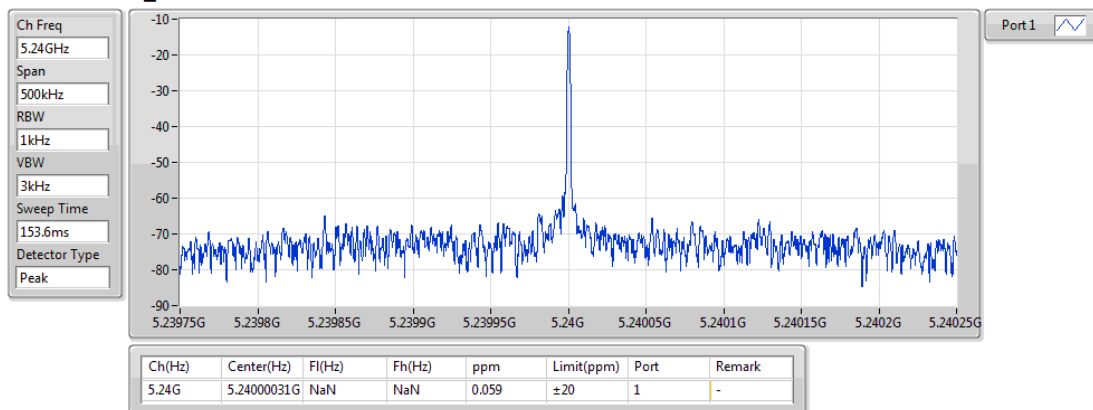
5240MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

5240MHz\_TnomVmax

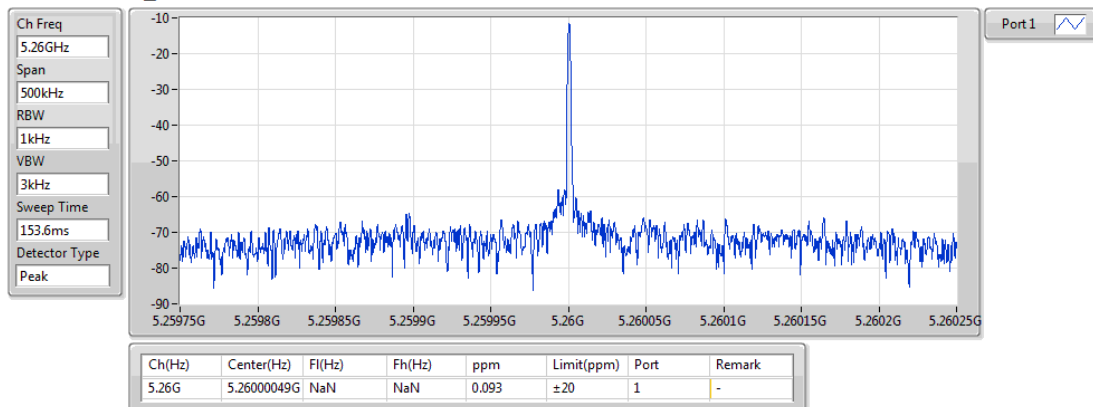




802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

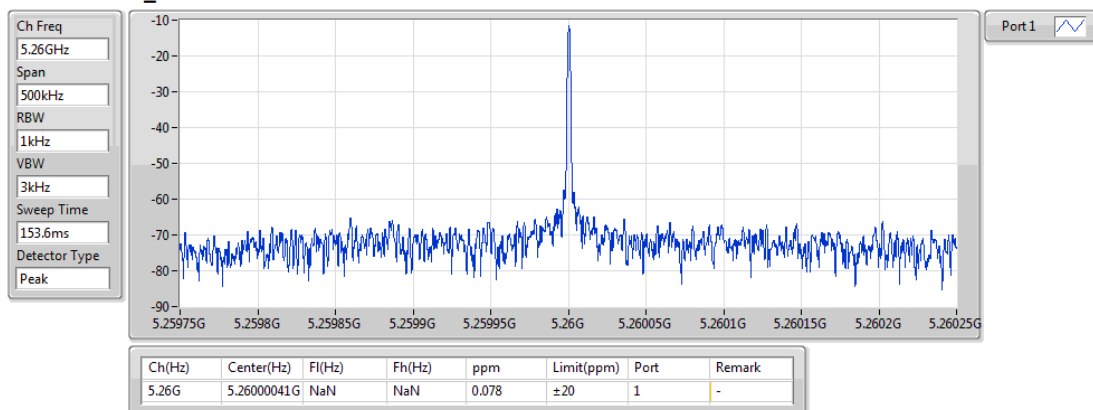
5260MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

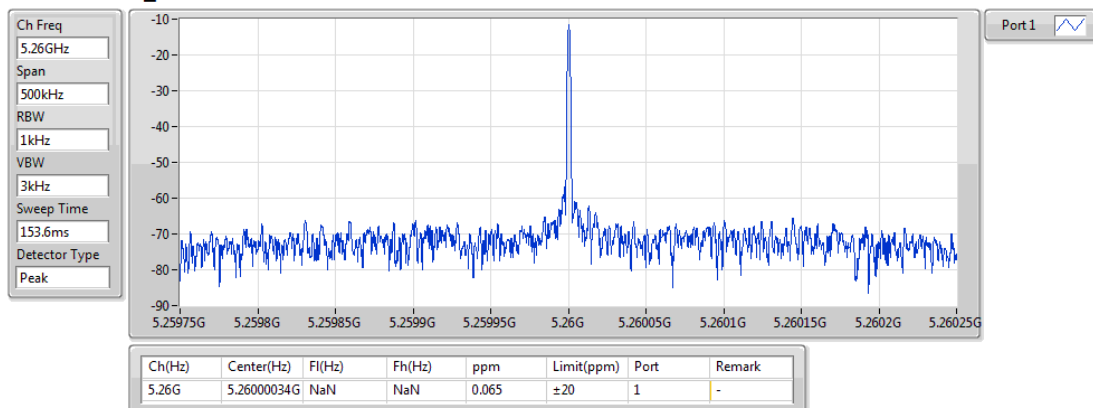
5260MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

5260MHz\_TnomVmax

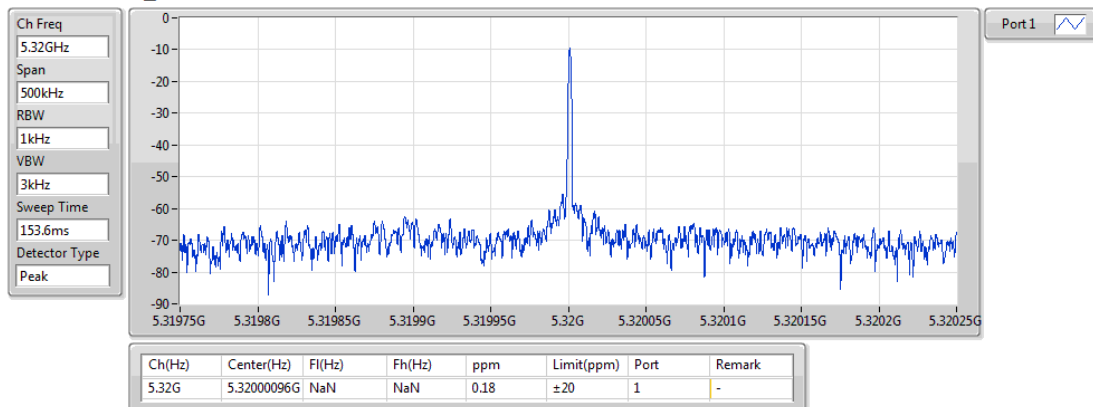




802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

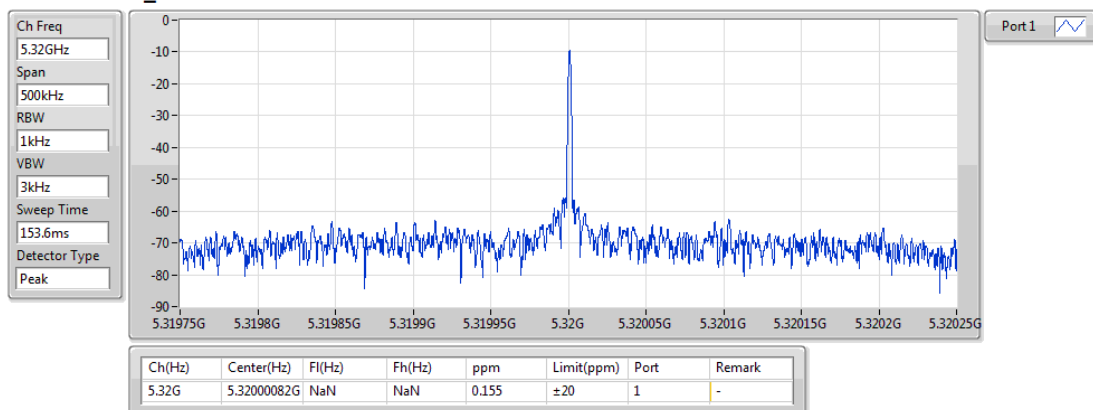
5320MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

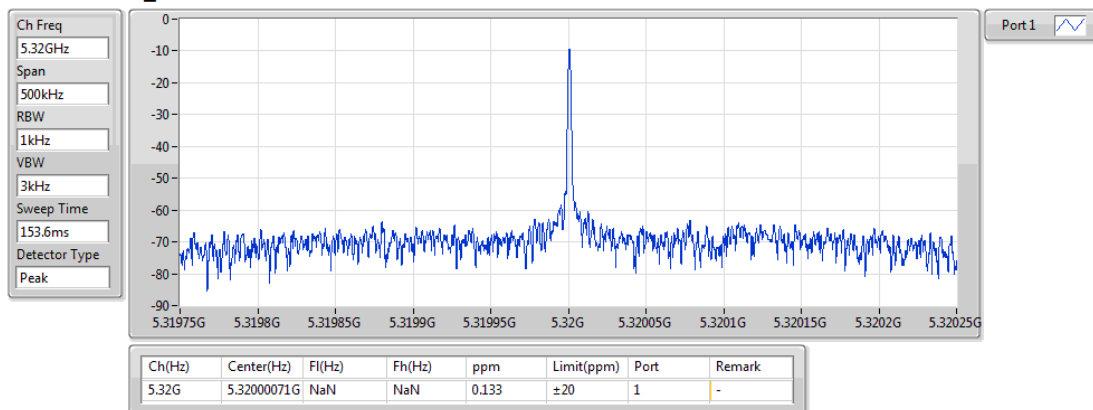
5320MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

5320MHz\_TnomVmax

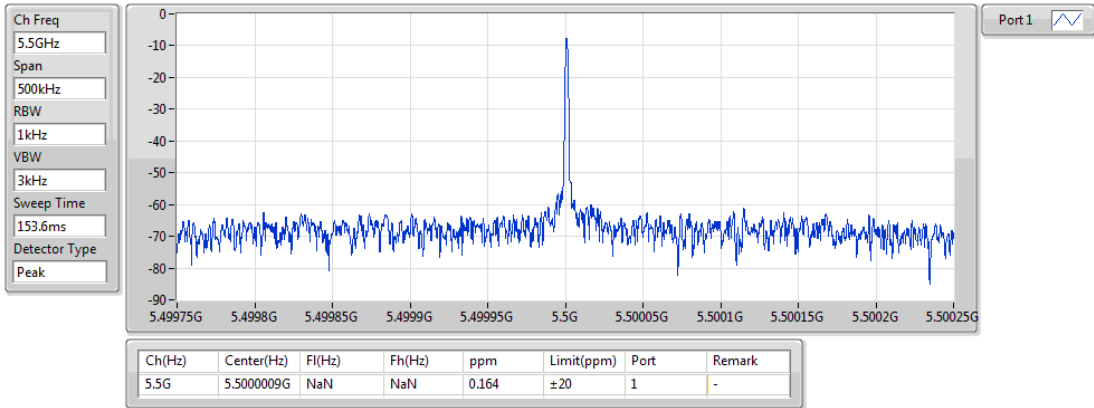




802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

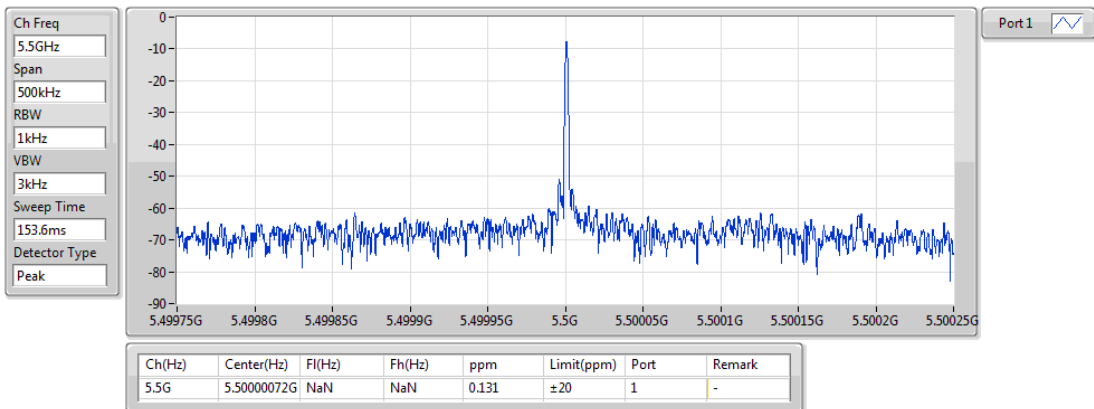
5500MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

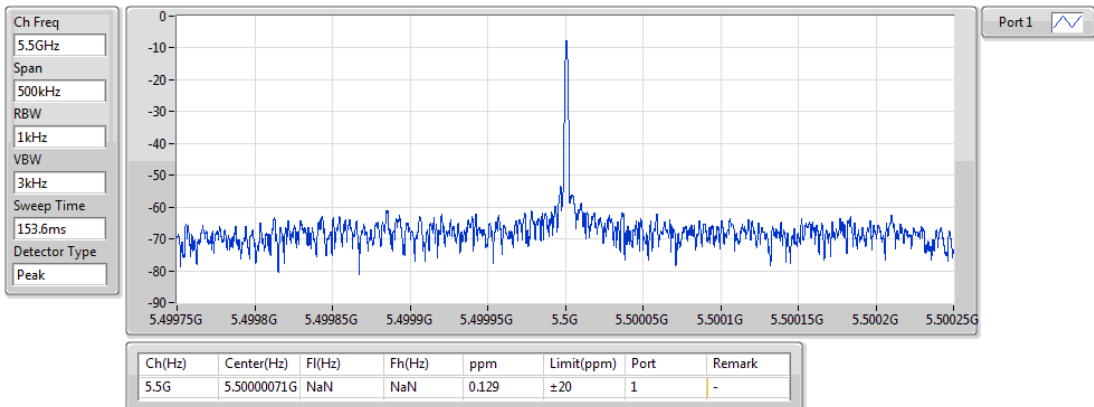
5500MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

5500MHz\_TnomVmax

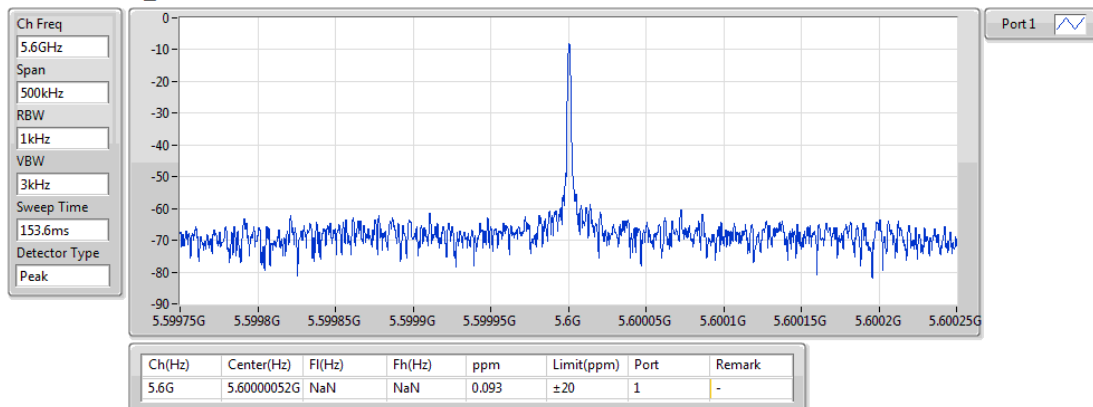




802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

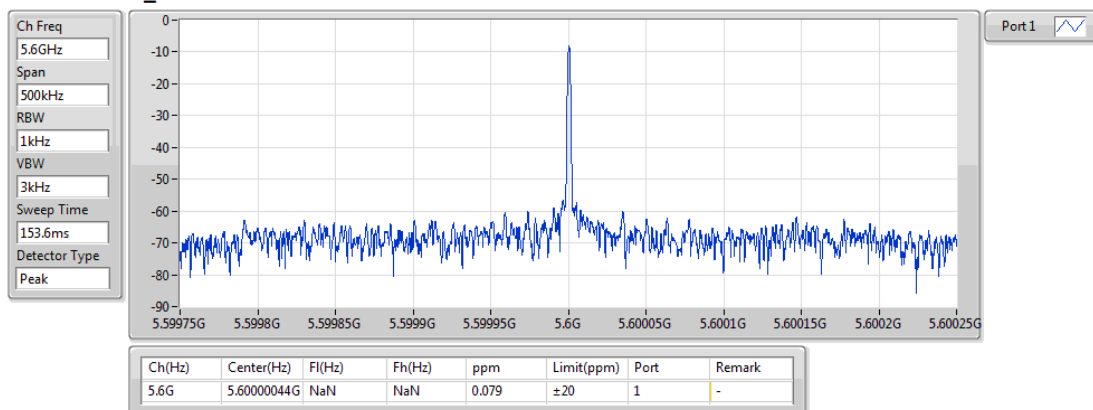
5600MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

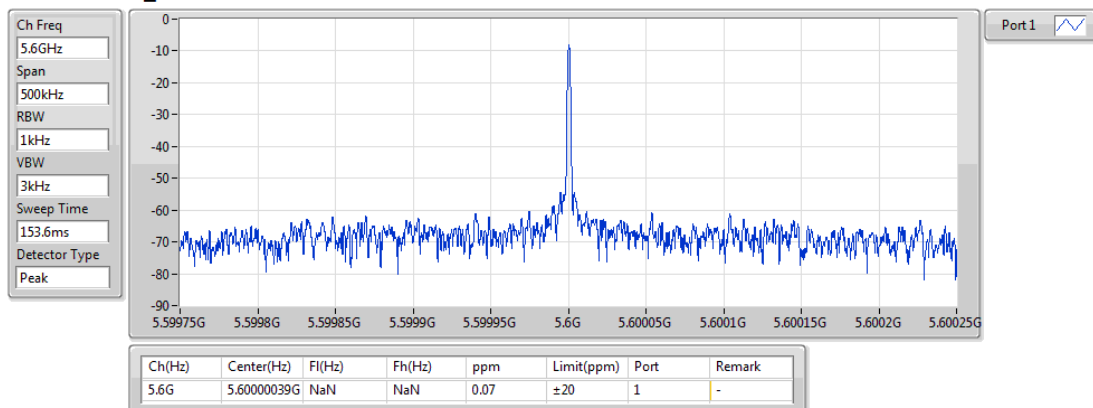
5600MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

5600MHz\_TnomVmax

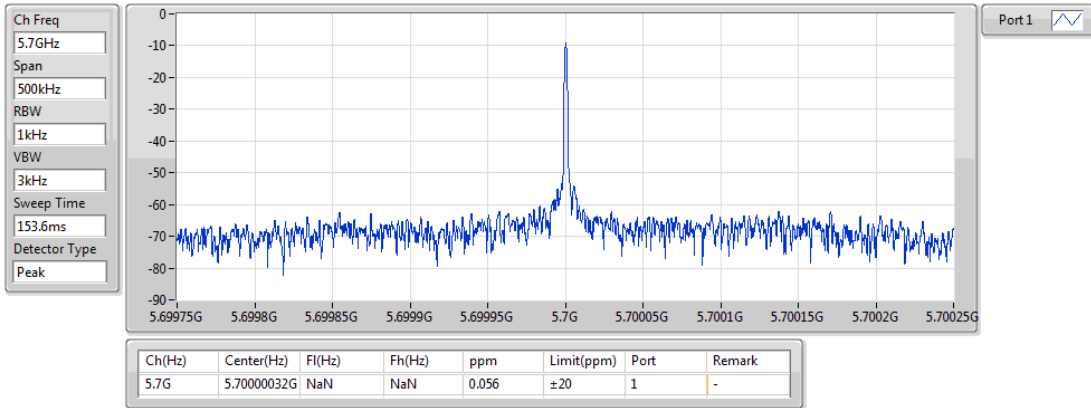




802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

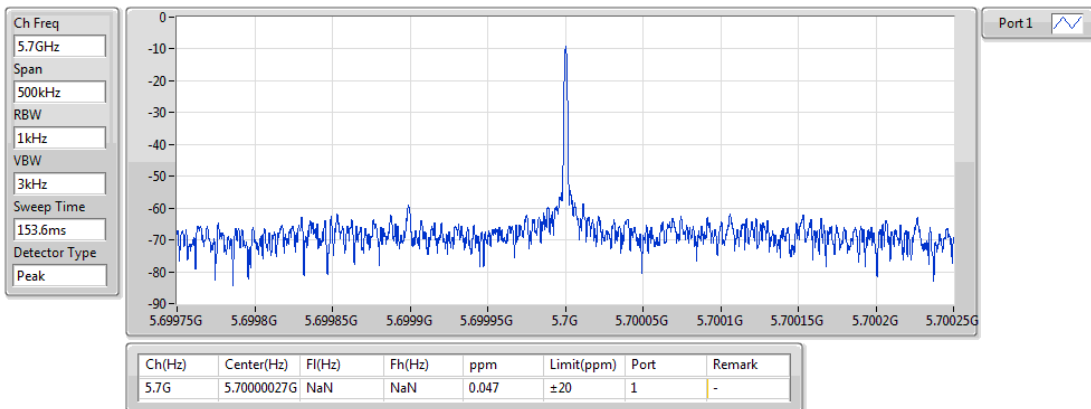
5700MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

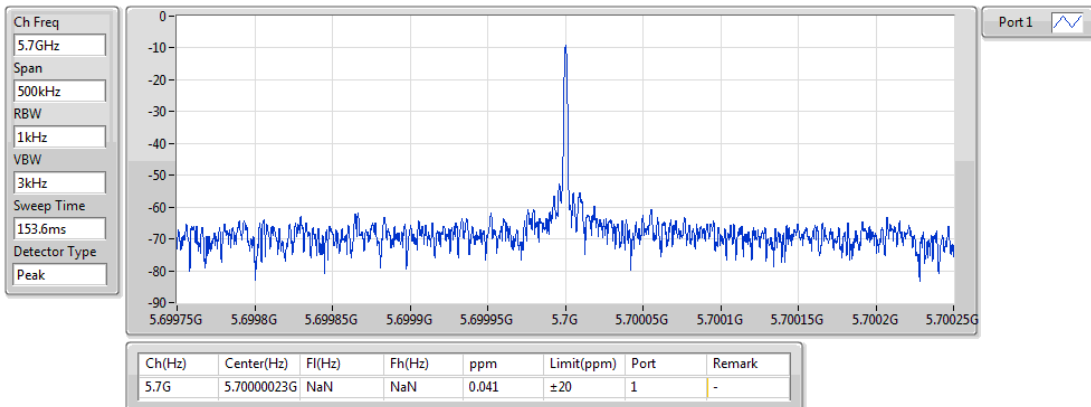
5700MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

Freq. Stability

5700MHz\_TnomVmax





## Occupied Bandwidth Result

## Appendix C

### Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
5.15-5.25GHz	-	-	-
802.11a_Nss1_1TX	17.75M	17M7D1D	17.201M
802.11n HT20_Nss1,(MCS0)_1TX	18.289M	18M3D1D	18.206M
5.25-5.35GHz	-	-	-
802.11a_Nss1_1TX	17.148M	17M1D1D	17.054M
802.11n HT20_Nss1,(MCS0)_1TX	18.27M	18M3D1D	18.191M
5.47-5.725GHz	-	-	-
802.11a_Nss1_1TX	18.503M	18M5D1D	18.172M
802.11n HT20_Nss1,(MCS0)_1TX	18.752M	18M8D1D	18.411M

**Max-OBW** = Maximum 99% occupied bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

### Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)
802.11a_Nss1_1TX	-	-	-
5180MHz_TnomVnom	Pass	19M	17.749M
5180MHz_TnomVmin	Pass	19M	17.75M
5180MHz_TnomVmax	Pass	19M	17.702M
5240MHz_TnomVnom	Pass	19M	17.222M
5240MHz_TnomVmin	Pass	19M	17.214M
5240MHz_TnomVmax	Pass	19M	17.201M
5260MHz_TnomVnom	Pass	19M	17.054M
5260MHz_TnomVmin	Pass	19M	17.075M
5260MHz_TnomVmax	Pass	19M	17.055M
5320MHz_TnomVnom	Pass	19M	17.134M
5320MHz_TnomVmin	Pass	19M	17.148M
5320MHz_TnomVmax	Pass	19M	17.148M
5500MHz_TnomVnom	Pass	19.7M	18.237M
5500MHz_TnomVmin	Pass	19.7M	18.196M
5500MHz_TnomVmax	Pass	19.7M	18.196M
5600MHz_TnomVnom	Pass	19.7M	18.467M
5600MHz_TnomVmin	Pass	19.7M	18.503M
5600MHz_TnomVmax	Pass	19.7M	18.446M
5700MHz_TnomVnom	Pass	19.7M	18.218M
5700MHz_TnomVmin	Pass	19.7M	18.25M



## Occupied Bandwidth Result

## Appendix C

Mode	Result	Limit (Hz)	P1-OBW (Hz)
5700MHz_TnomVmax	Pass	19.7M	18.172M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	19M	18.206M
5180MHz_TnomVmin	Pass	19M	18.216M
5180MHz_TnomVmax	Pass	19M	18.233M
5240MHz_TnomVnom	Pass	19M	18.284M
5240MHz_TnomVmin	Pass	19M	18.284M
5240MHz_TnomVmax	Pass	19M	18.289M
5260MHz_TnomVnom	Pass	19M	18.234M
5260MHz_TnomVmin	Pass	19M	18.27M
5260MHz_TnomVmax	Pass	19M	18.251M
5320MHz_TnomVnom	Pass	19M	18.219M
5320MHz_TnomVmin	Pass	19M	18.191M
5320MHz_TnomVmax	Pass	19M	18.191M
5500MHz_TnomVnom	Pass	19.7M	18.416M
5500MHz_TnomVmin	Pass	19.7M	18.425M
5500MHz_TnomVmax	Pass	19.7M	18.411M
5600MHz_TnomVnom	Pass	19.7M	18.573M
5600MHz_TnomVmin	Pass	19.7M	18.52M
5600MHz_TnomVmax	Pass	19.7M	18.684M
5700MHz_TnomVnom	Pass	19.7M	18.72M
5700MHz_TnomVmin	Pass	19.7M	18.752M
5700MHz_TnomVmax	Pass	19.7M	18.704M

**P1-OBW** = Port 1 99% occupied bandwidth;



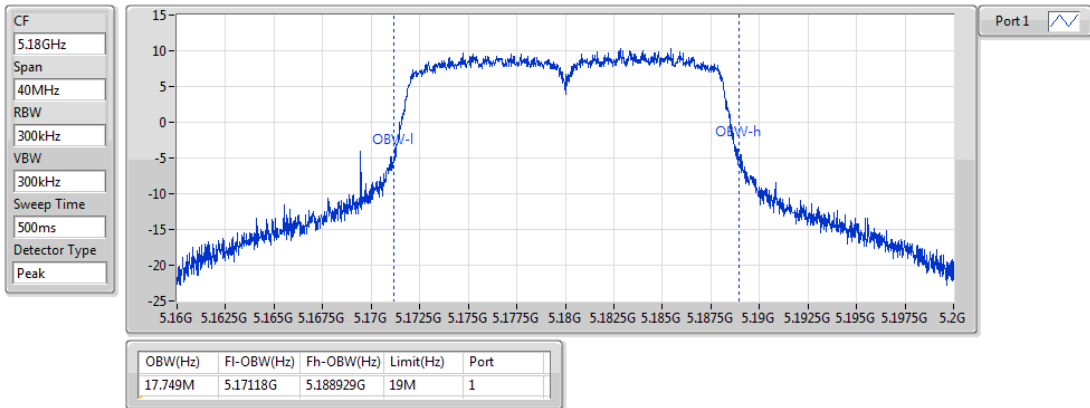
## Occupied Bandwidth Result

## Appendix C

### 802.11a\_Nss1\_1TX

OBW

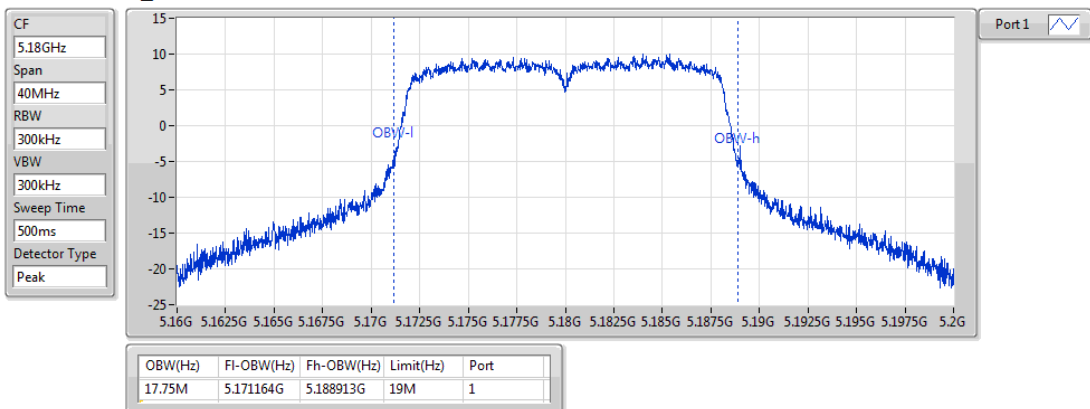
#### 5180MHz\_TnomVnom



### 802.11a\_Nss1\_1TX

OBW

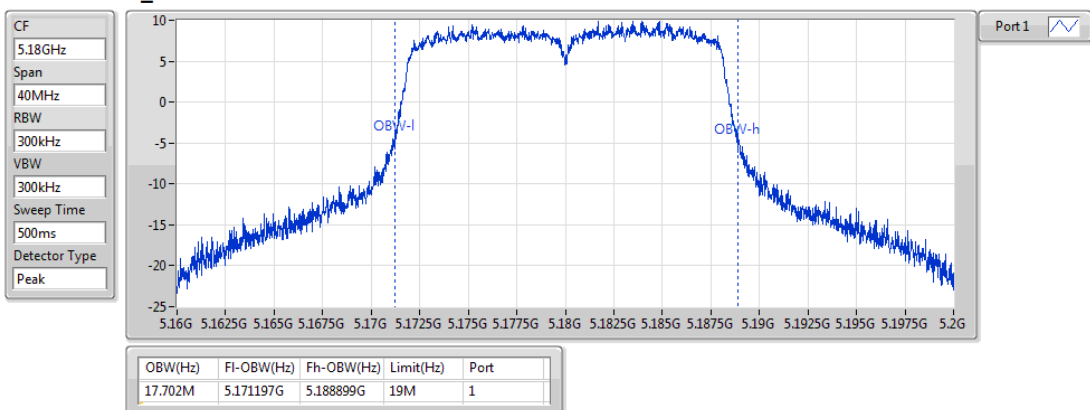
#### 5180MHz\_TnomVmin



### 802.11a\_Nss1\_1TX

OBW

#### 5180MHz\_TnomVmax





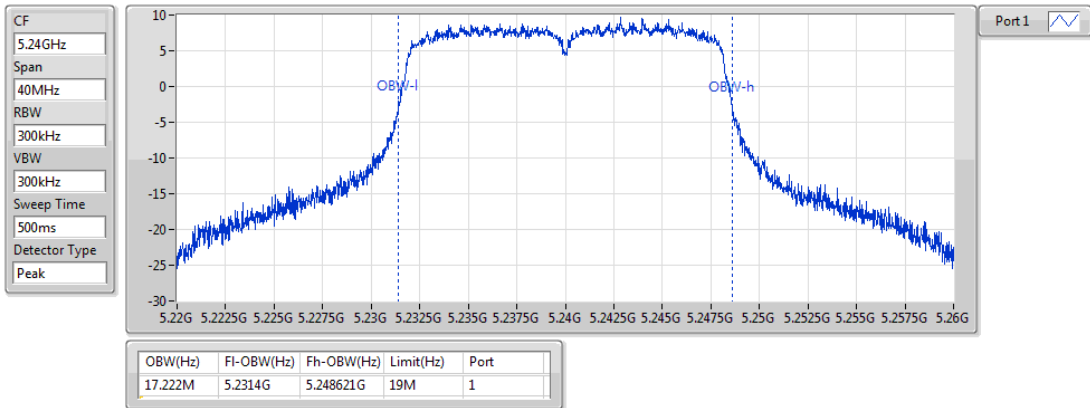
## Occupied Bandwidth Result

## Appendix C

### 802.11a\_Nss1\_1TX

OBW

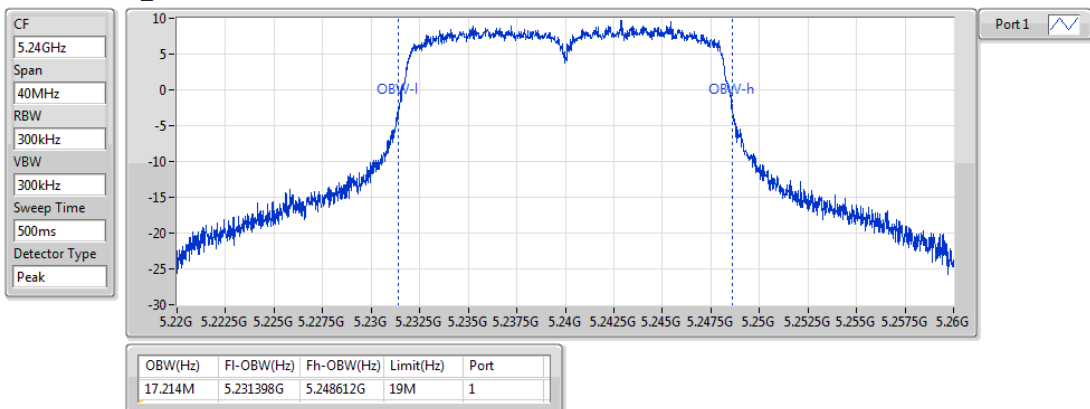
#### 5240MHz\_TnomVnom



### 802.11a\_Nss1\_1TX

OBW

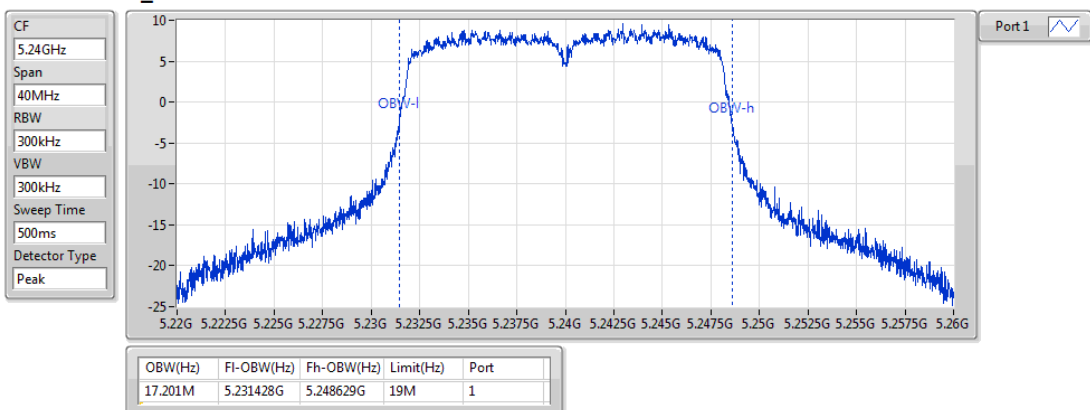
#### 5240MHz\_TnomVmin



### 802.11a\_Nss1\_1TX

OBW

#### 5240MHz\_TnomVmax





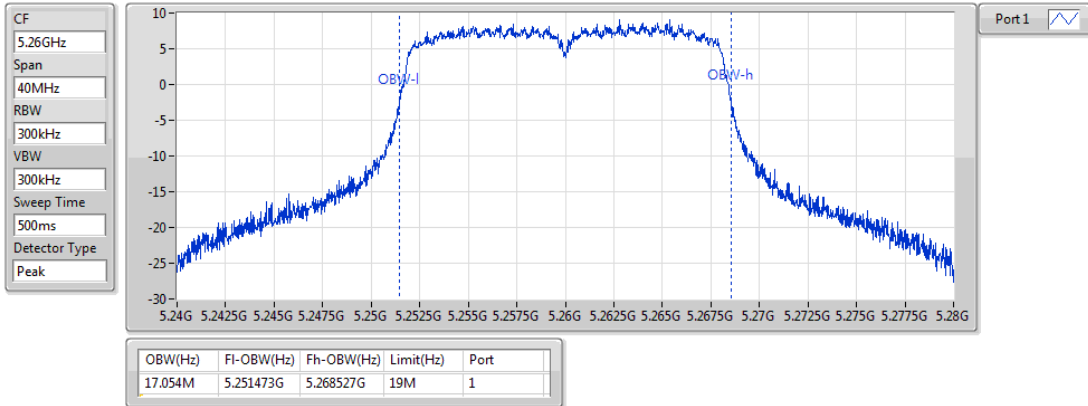
## Occupied Bandwidth Result

## Appendix C

### 802.11a\_Nss1\_1TX

OBW

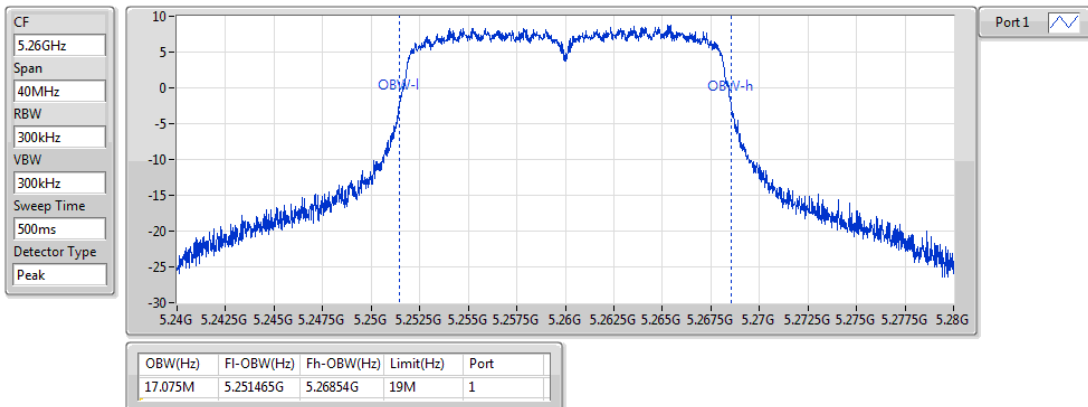
#### 5260MHz\_TnomVnom



### 802.11a\_Nss1\_1TX

OBW

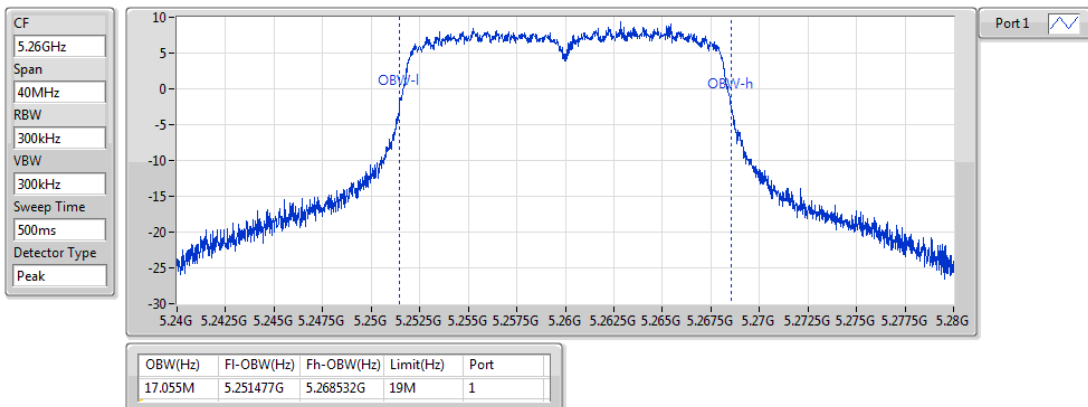
#### 5260MHz\_TnomVmin



### 802.11a\_Nss1\_1TX

OBW

#### 5260MHz\_TnomVmax





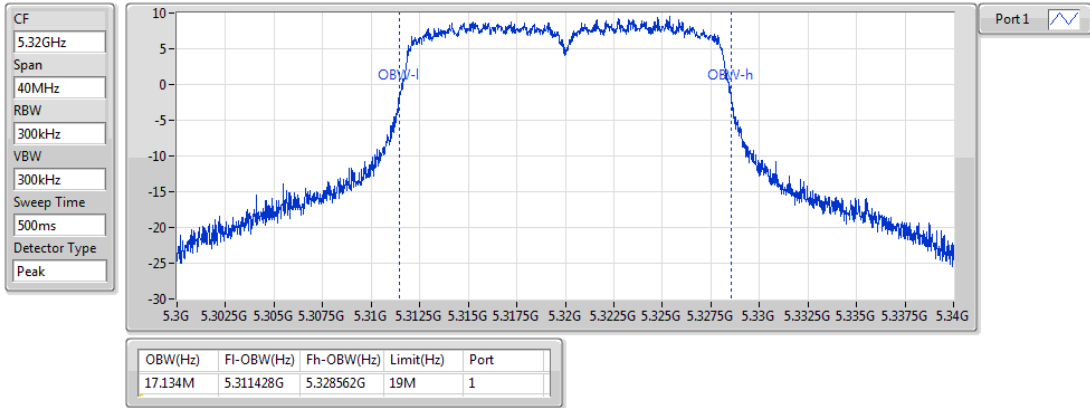
## Occupied Bandwidth Result

## Appendix C

802.11a\_Nss1\_1TX

OBW

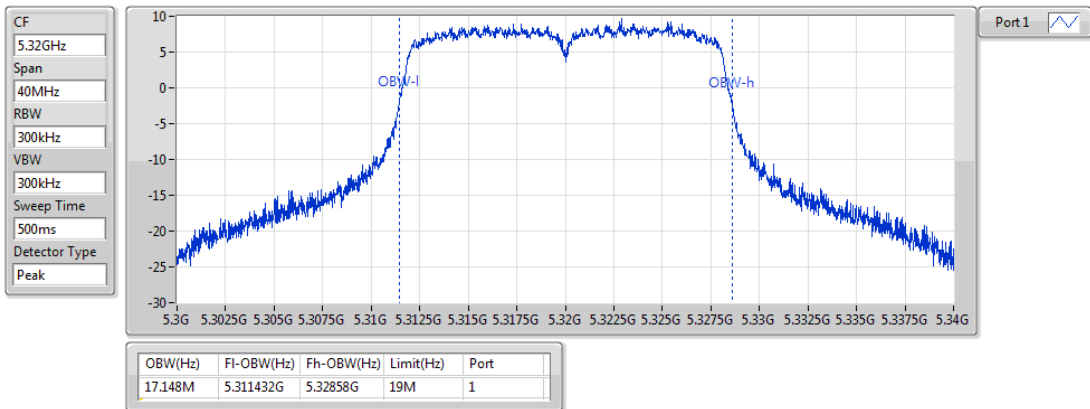
5320MHz\_TnomVnom



802.11a\_Nss1\_1TX

OBW

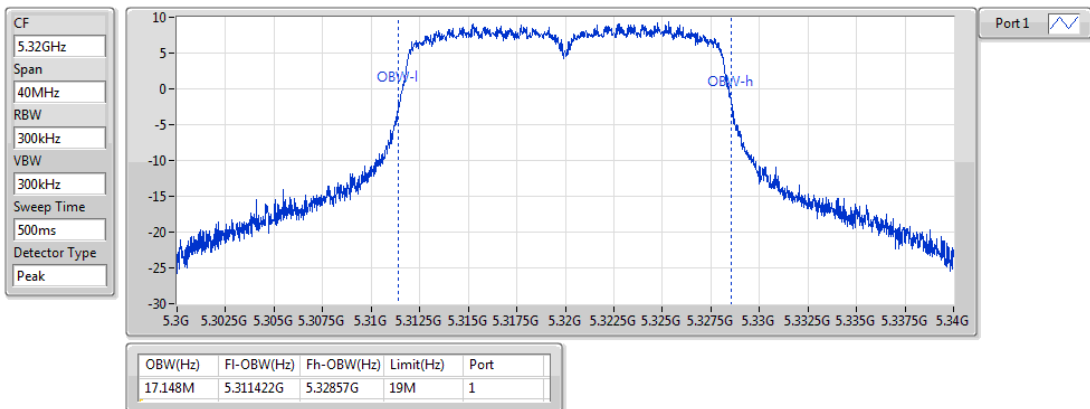
5320MHz\_TnomVmin



802.11a\_Nss1\_1TX

OBW

5320MHz\_TnomVmax





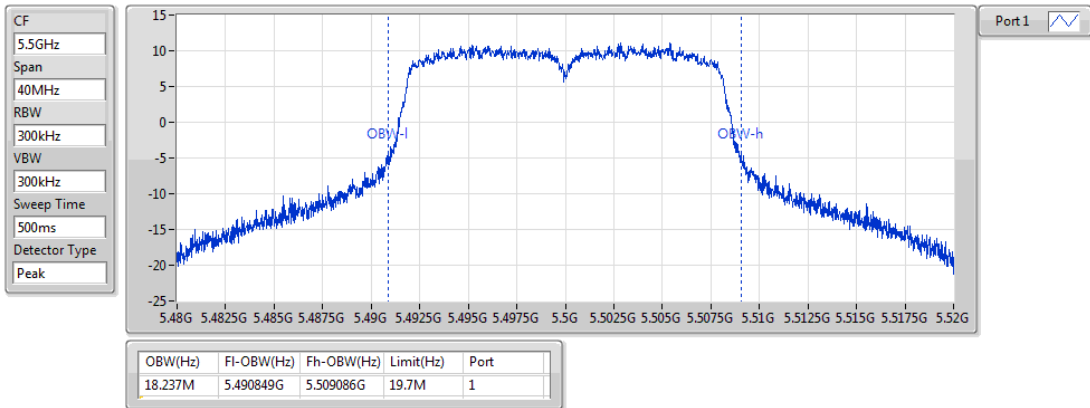
## Occupied Bandwidth Result

## Appendix C

### 802.11a\_Nss1\_1TX

OBW

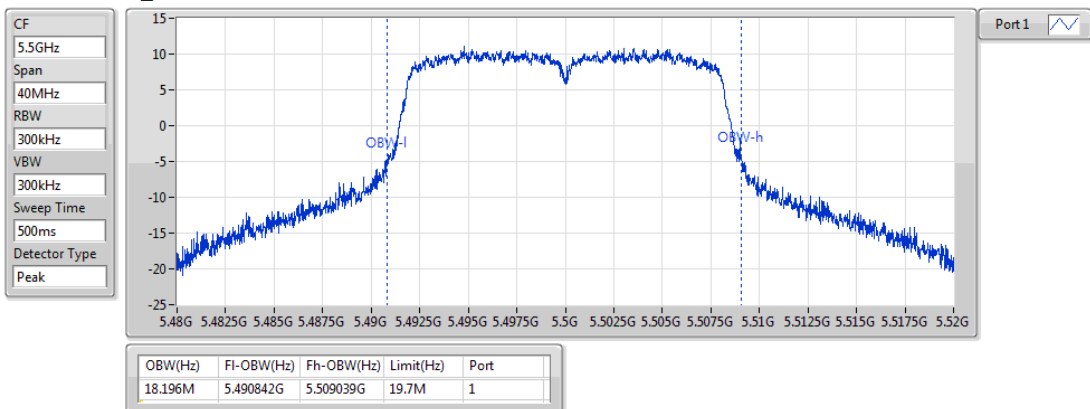
#### 5500MHz\_TnomVnom



### 802.11a\_Nss1\_1TX

OBW

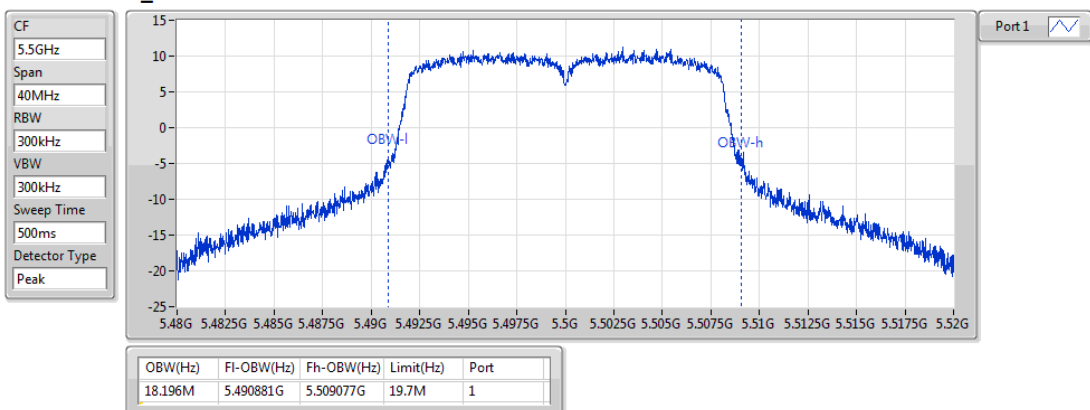
#### 5500MHz\_TnomVmin



### 802.11a\_Nss1\_1TX

OBW

#### 5500MHz\_TnomVmax





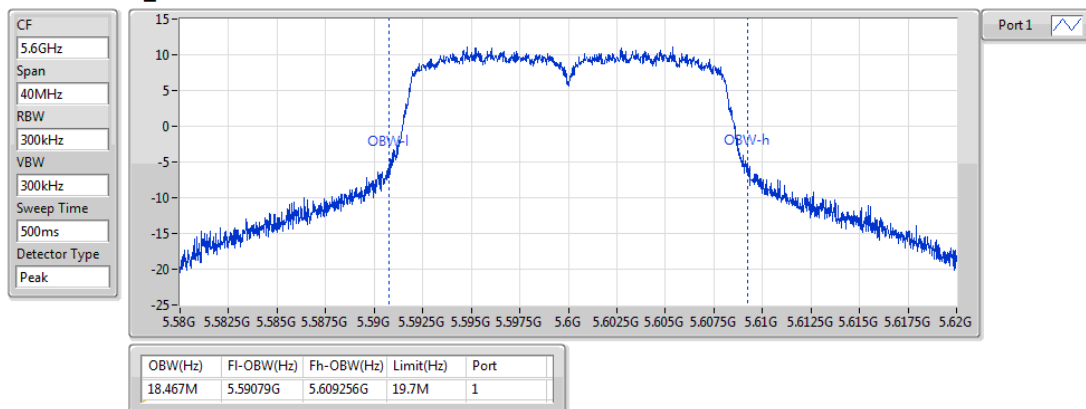
## Occupied Bandwidth Result

## Appendix C

### 802.11a\_Nss1\_1TX

OBW

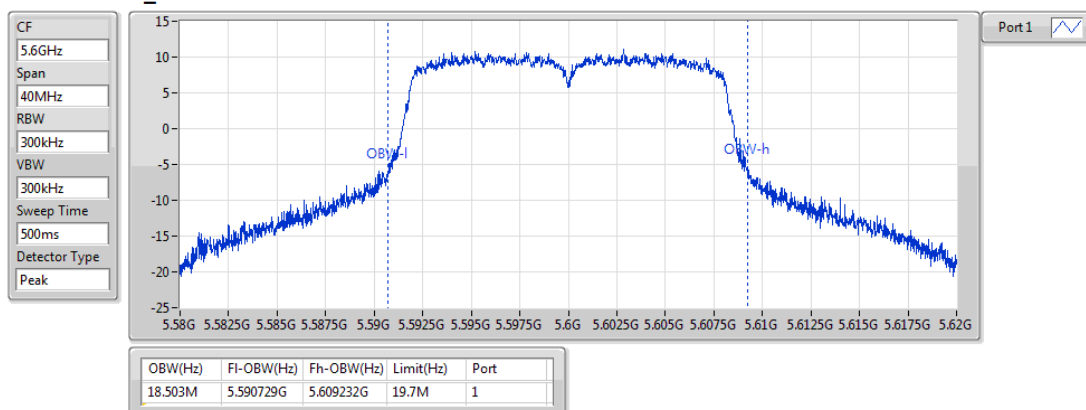
#### 5600MHz\_TnomVnom



### 802.11a\_Nss1\_1TX

OBW

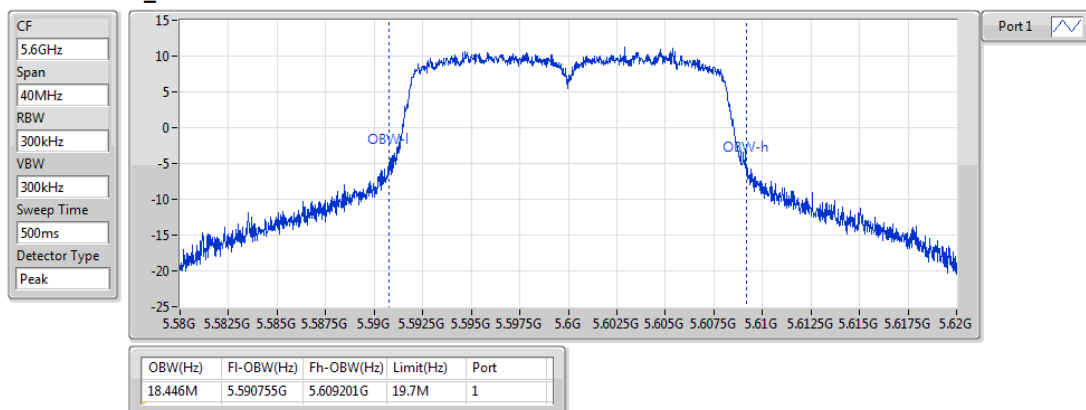
#### 5600MHz\_TnomVmin



### 802.11a\_Nss1\_1TX

OBW

#### 5600MHz\_TnomVmax





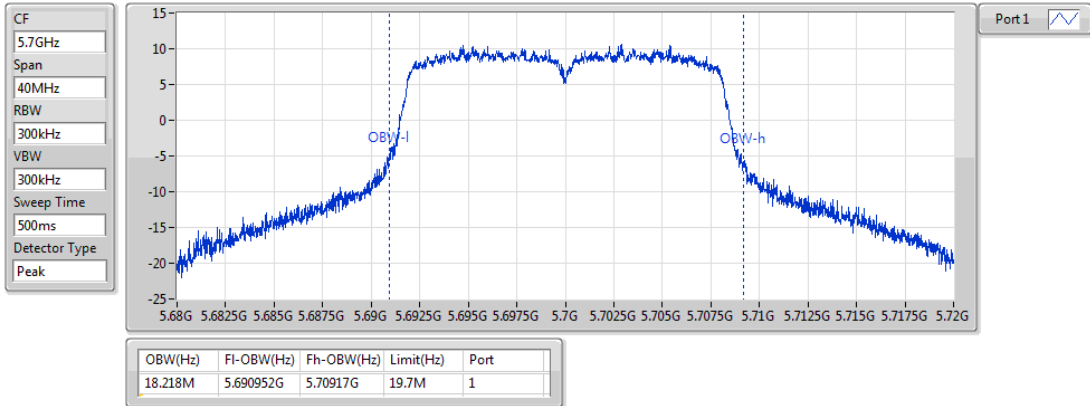
## Occupied Bandwidth Result

## Appendix C

### 802.11a\_Nss1\_1TX

OBW

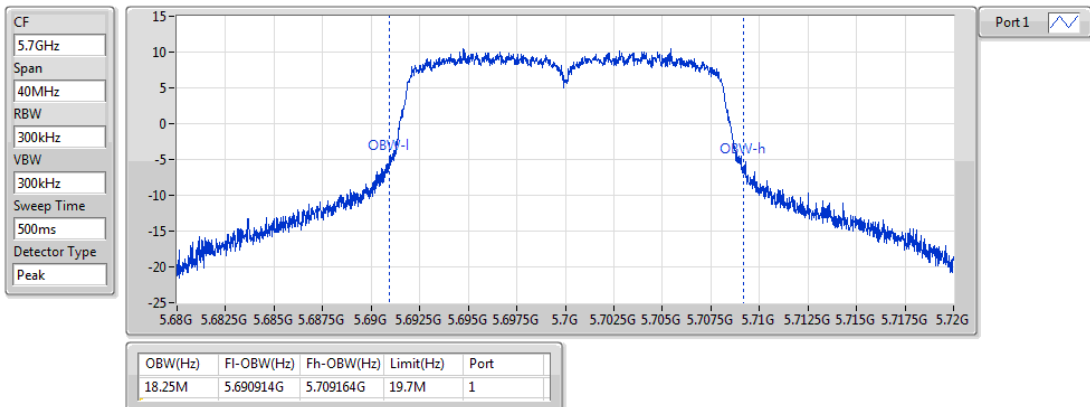
#### 5700MHz\_TnomVnom



### 802.11a\_Nss1\_1TX

OBW

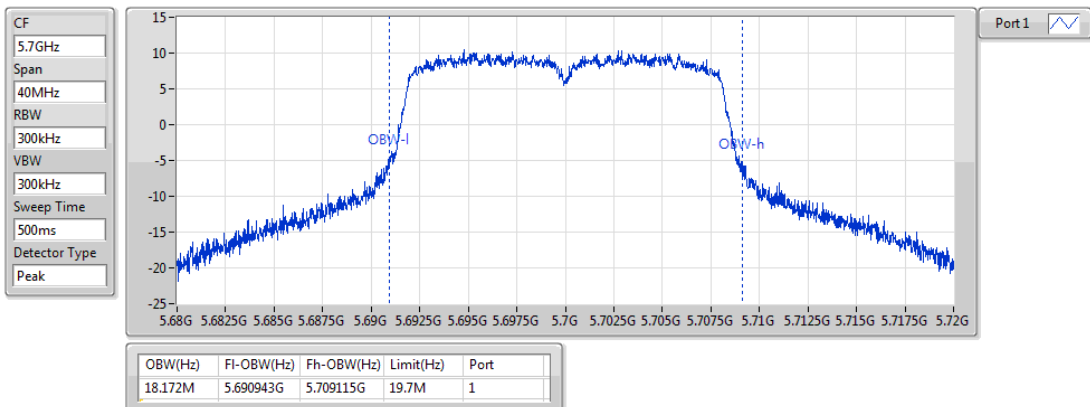
#### 5700MHz\_TnomVmin



### 802.11a\_Nss1\_1TX

OBW

#### 5700MHz\_TnomVmax





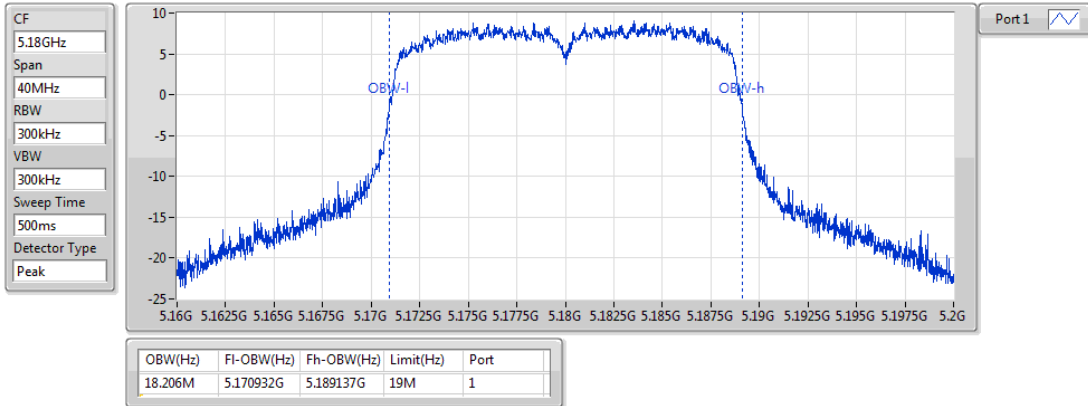
## Occupied Bandwidth Result

## Appendix C

### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

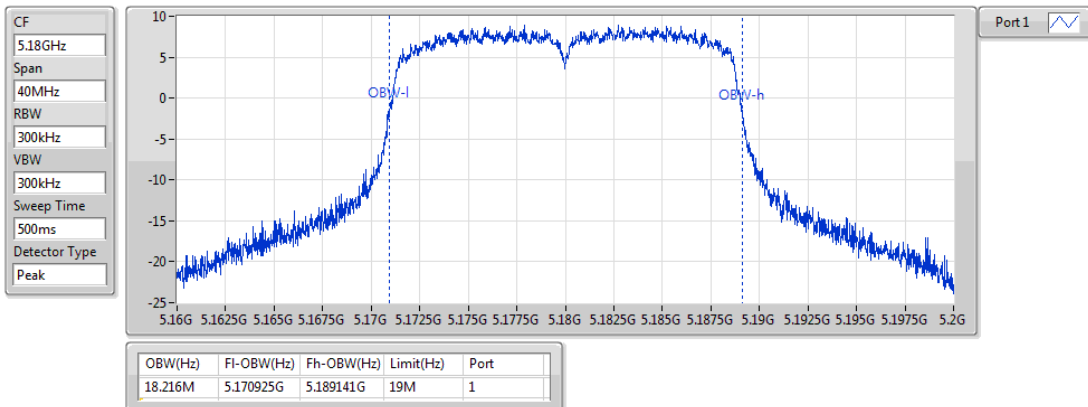
#### 5180MHz\_TnomVnom



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

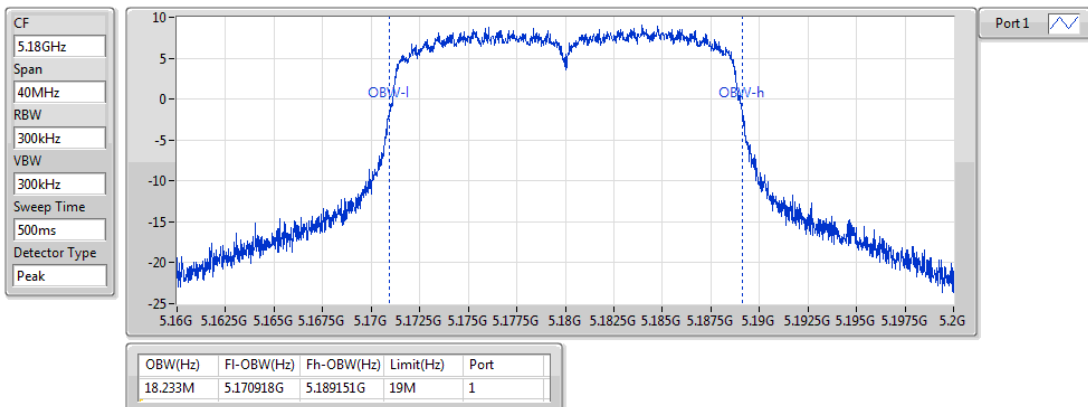
#### 5180MHz\_TnomVmin



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

#### 5180MHz\_TnomVmax





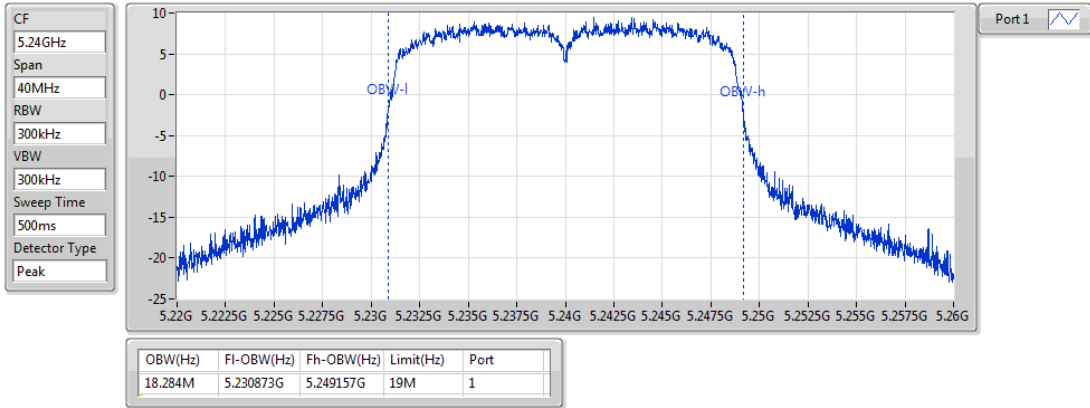
## Occupied Bandwidth Result

## Appendix C

### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

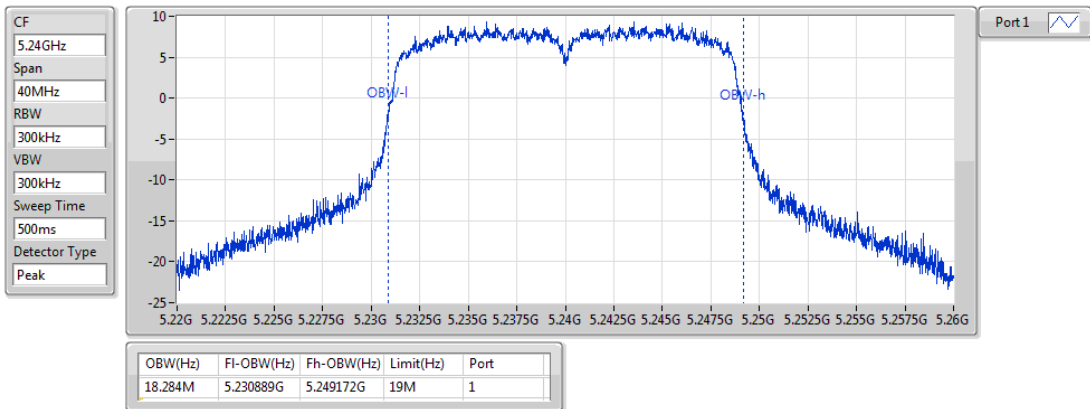
#### 5240MHz\_TnomVnom



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

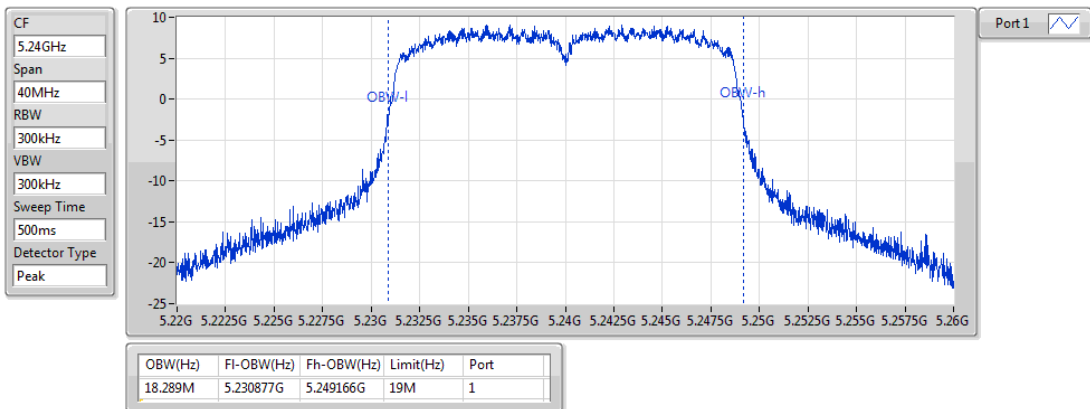
#### 5240MHz\_TnomVmin



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

#### 5240MHz\_TnomVmax





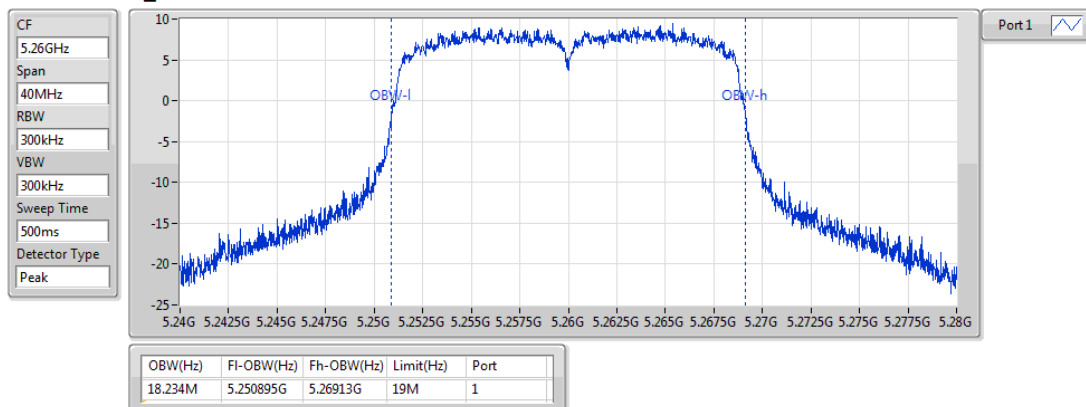
## Occupied Bandwidth Result

## Appendix C

### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

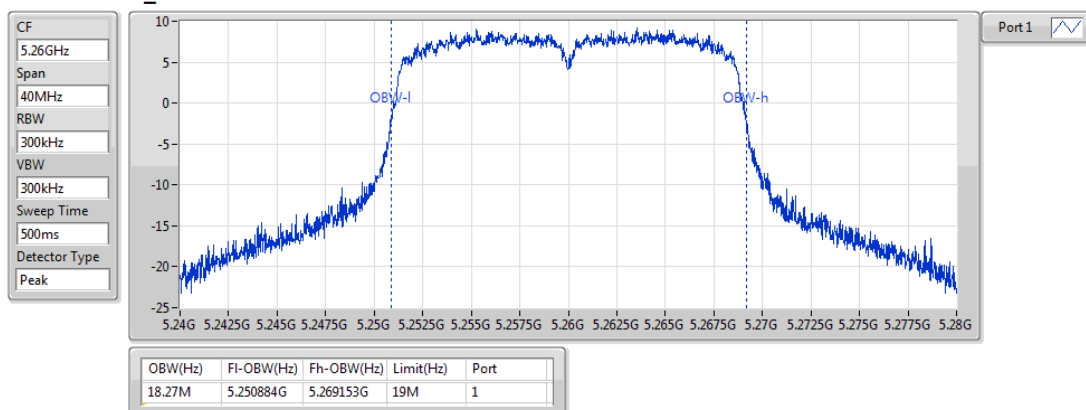
#### 5260MHz\_TnomVnom



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

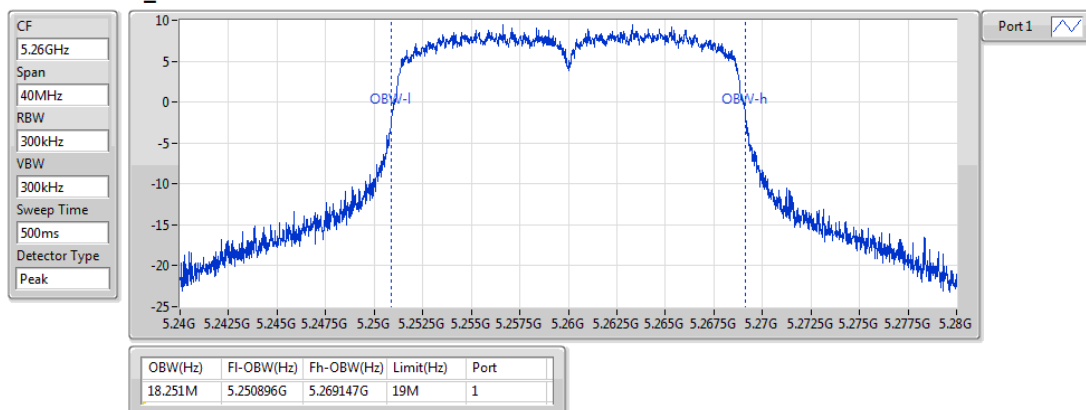
#### 5260MHz\_TnomVmin



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

#### 5260MHz\_TnomVmax





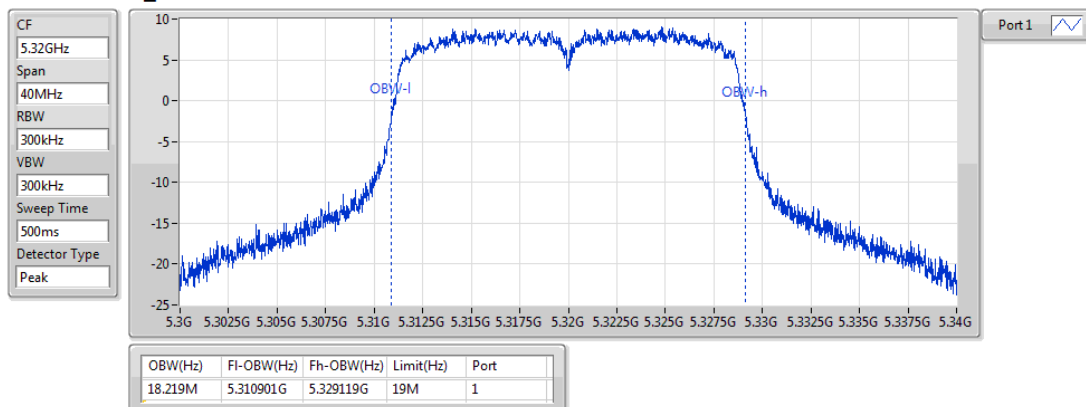
## Occupied Bandwidth Result

## Appendix C

### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

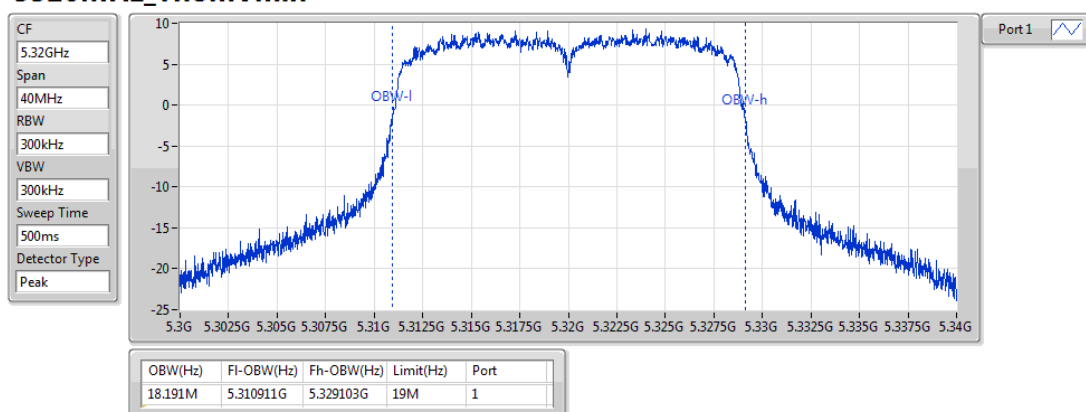
#### 5320MHz\_TnomVnom



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

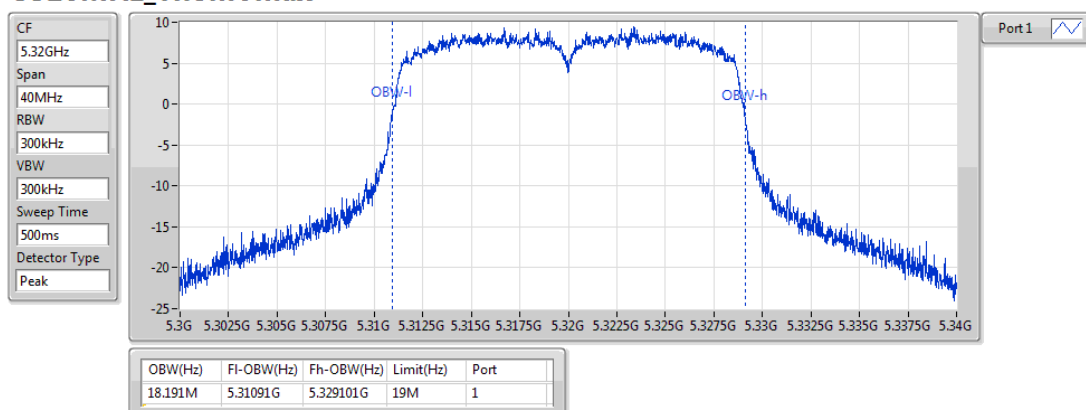
#### 5320MHz\_TnomVmin



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

#### 5320MHz\_TnomVmax





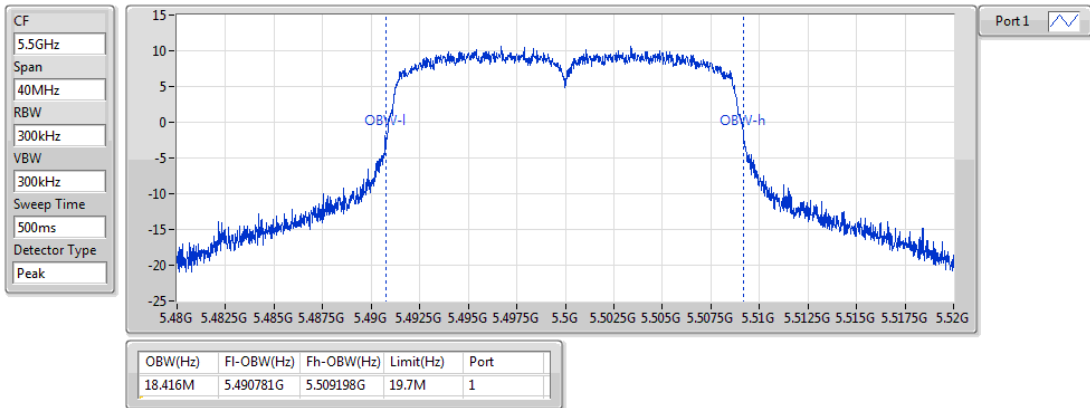
## Occupied Bandwidth Result

## Appendix C

### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

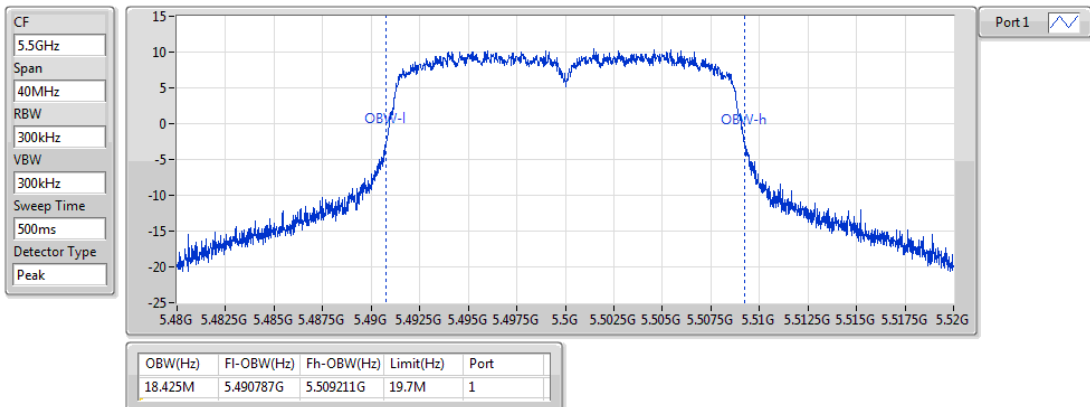
#### 5500MHz\_TnomVnom



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

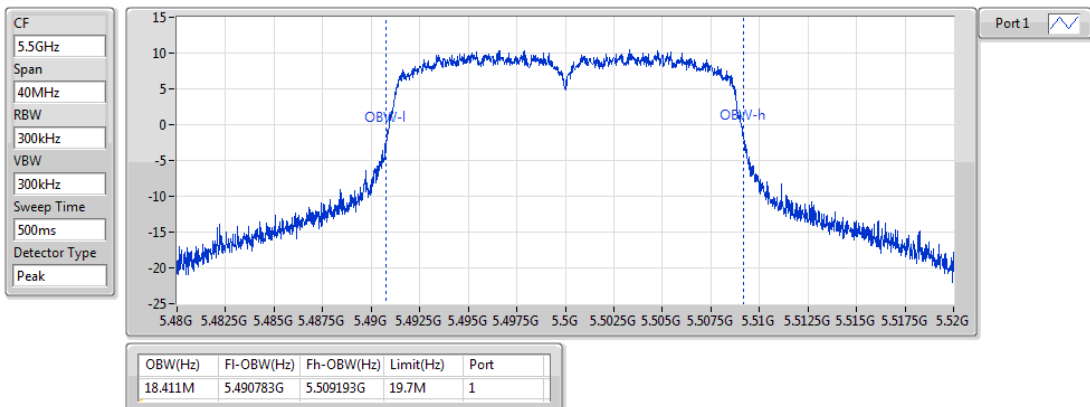
#### 5500MHz\_TnomVmin



### 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

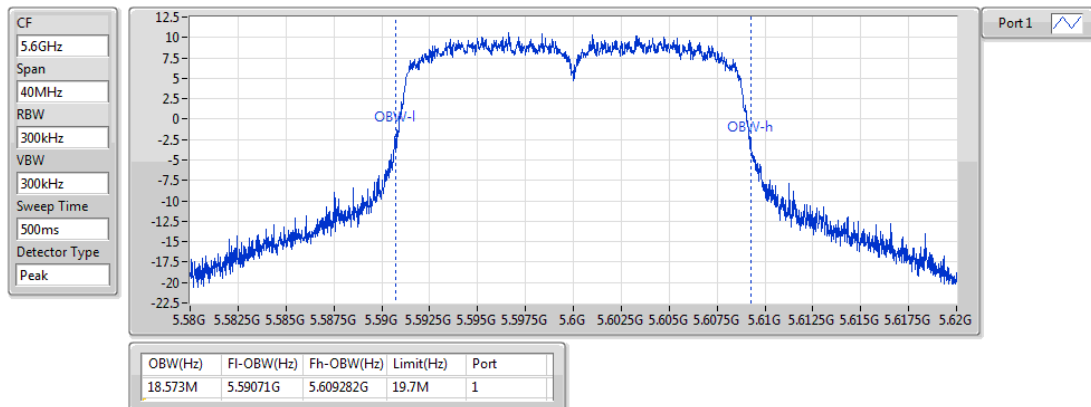
#### 5500MHz\_TnomVmax



## 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

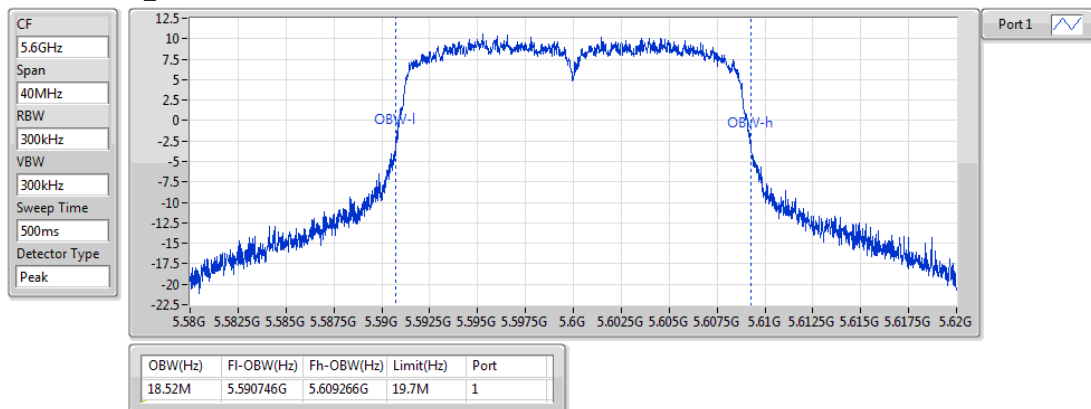
### 5600MHz\_TnomVnom



## 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

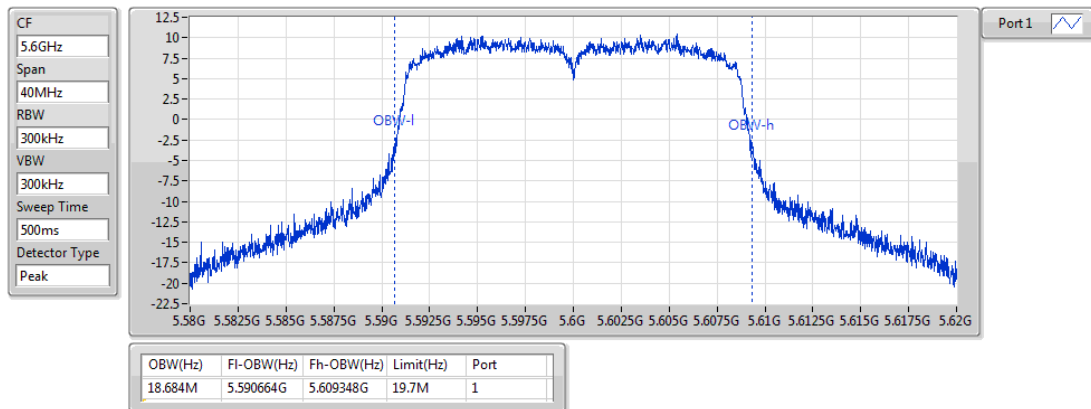
### 5600MHz\_TnomVmin



## 802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

### 5600MHz\_TnomVmax

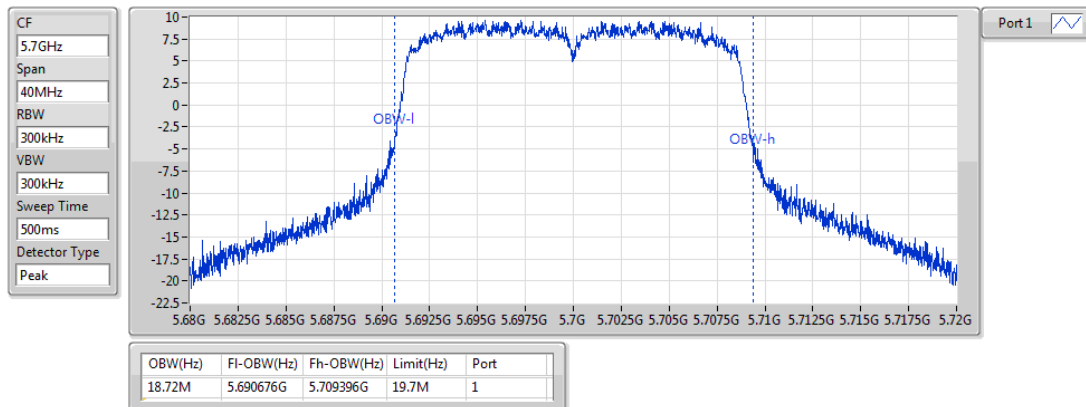




802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

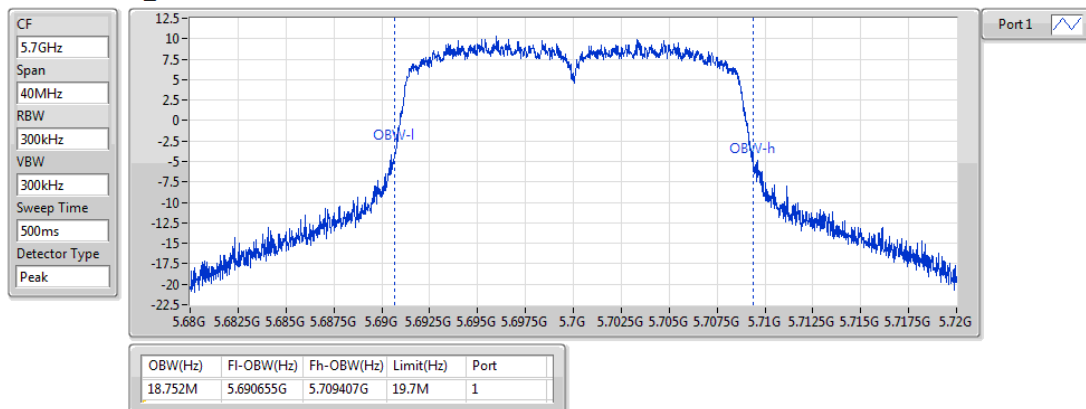
5700MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

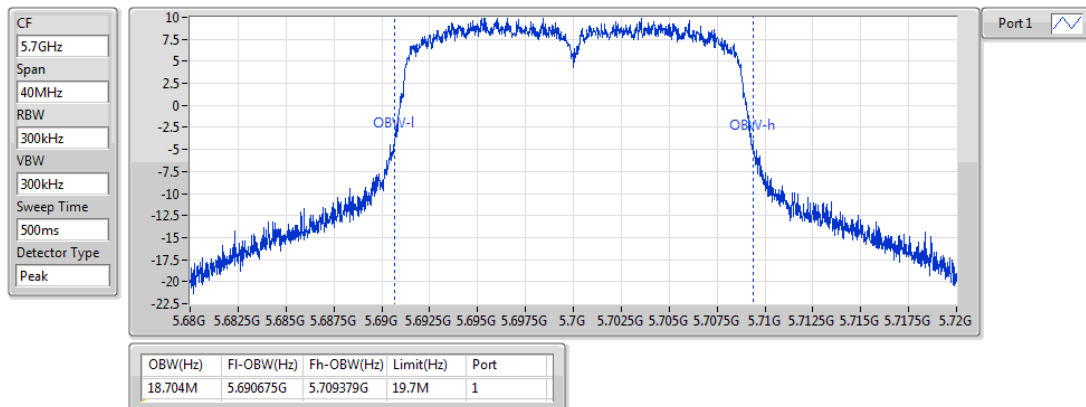
5700MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

OBW

5700MHz\_TnomVmax





## CSE-TX Unwanted Emission Strength Result

Appendix D

### Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (uW/MHz)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.36G	26G	1M	25.99226G	-36.14	0.24322	2.5	-10.12	-36.14
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.365G	26G	1M	25.92004G	-36.12	0.24434	2.5	-10.10	-36.12
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.36G	26G	1M	25.92518G	-36.15	0.24266	2.5	-10.13	-36.15
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.365G	26G	1M	25.96647G	-36.04	0.24889	2.5	-10.02	-36.04
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.745G	26G	1M	25.93924G	-36.10	0.24547	2.5	-10.08	-36.10
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.745G	26G	1M	25.96202G	-36.02	0.25003	2.5	-10.00	-36.02

**CSE-TX Unwanted Emission Strength Result**

Appendix D

**Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (uW/MHz)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	5.14G	1M	5.13745G	-46.30	0.02344	2.5	-20.28	-46.30
5180MHz_TnomVnom	Pass	5.36G	26G	1M	25.96388G	-36.66	0.21577	2.5	-10.64	-36.66
5180MHz_TnomVmin	Pass	30M	5.14G	1M	5.13872G	-47.41	0.01816	2.5	-21.39	-47.41
5180MHz_TnomVmin	Pass	5.36G	26G	1M	25.86842G	-36.48	0.22491	2.5	-10.46	-36.48
5180MHz_TnomVmax	Pass	30M	5.14G	1M	5.13936G	-47.73	0.01687	2.5	-21.71	-47.73
5180MHz_TnomVmax	Pass	5.36G	26G	1M	25.99226G	-36.14	0.24322	2.5	-10.12	-36.14
5240MHz_TnomVnom	Pass	30M	5.14G	1M	5.11317G	-51.49	0.0071	2.5	-25.47	-51.49
5240MHz_TnomVnom	Pass	5.36G	26G	1M	25.93034G	-36.48	0.22491	2.5	-10.46	-36.48
5240MHz_TnomVmin	Pass	30M	5.14G	1M	5.13681G	-51.53	0.00703	2.5	-25.51	-51.53
5240MHz_TnomVmin	Pass	5.36G	26G	1M	25.95356G	-36.48	0.22491	2.5	-10.46	-36.48
5240MHz_TnomVmax	Pass	30M	5.14G	1M	5.11253G	-51.44	0.00718	2.5	-25.42	-51.44
5240MHz_TnomVmax	Pass	5.36G	26G	1M	25.99226G	-36.61	0.21827	2.5	-10.59	-36.61
5260MHz_TnomVnom	Pass	30M	5.14G	1M	5.10615G	-52.00	0.00631	2.5	-25.98	-52.00
5260MHz_TnomVnom	Pass	5.36G	26G	1M	25.94066G	-36.44	0.22699	2.5	-10.42	-36.44
5260MHz_TnomVmin	Pass	30M	5.14G	1M	4.69671G	-51.87	0.0065	2.5	-25.85	-51.87
5260MHz_TnomVmin	Pass	5.36G	26G	1M	25.87616G	-36.41	0.22856	2.5	-10.39	-36.41
5260MHz_TnomVmax	Pass	30M	5.14G	1M	5.13872G	-51.76	0.00667	2.5	-25.74	-51.76
5260MHz_TnomVmax	Pass	5.36G	26G	1M	25.9871G	-36.49	0.22439	2.5	-10.47	-36.49
5320MHz_TnomVnom	Pass	30M	5.14G	1M	4.00111G	-51.76	0.00667	2.5	-25.74	-51.76
5320MHz_TnomVnom	Pass	5.36G	26G	1M	25.93292G	-36.40	0.22909	2.5	-10.38	-36.40
5320MHz_TnomVmin	Pass	30M	5.14G	1M	4.70182G	-51.84	0.00655	2.5	-25.82	-51.84
5320MHz_TnomVmin	Pass	5.36G	26G	1M	25.92518G	-36.15	0.24266	2.5	-10.13	-36.15
5320MHz_TnomVmax	Pass	30M	5.14G	1M	4.70118G	-51.69	0.00678	2.5	-25.67	-51.69
5320MHz_TnomVmax	Pass	5.36G	26G	1M	25.95614G	-36.40	0.22909	2.5	-10.38	-36.40
5500MHz_TnomVnom	Pass	30M	5.455G	1M	5.455G	-46.48	0.02249	2.5	-20.46	-46.48
5500MHz_TnomVnom	Pass	5.745G	26G	1M	25.92404G	-36.37	0.23067	2.5	-10.35	-36.37
5500MHz_TnomVmin	Pass	30M	5.455G	1M	5.455G	-47.23	0.01892	2.5	-21.21	-47.23
5500MHz_TnomVmin	Pass	5.745G	26G	1M	25.86581G	-36.74	0.21184	2.5	-10.72	-36.74
5500MHz_TnomVmax	Pass	30M	5.455G	1M	5.455G	-46.58	0.02198	2.5	-20.56	-46.58
5500MHz_TnomVmax	Pass	5.745G	26G	1M	25.93924G	-36.10	0.24547	2.5	-10.08	-36.10
5600MHz_TnomVnom	Pass	30M	5.455G	1M	5.45364G	-49.61	0.01094	2.5	-23.59	-49.61
5600MHz_TnomVnom	Pass	5.745G	26G	1M	25.92911G	-36.35	0.23174	2.5	-10.33	-36.35
5600MHz_TnomVmin	Pass	30M	5.455G	1M	5.42788G	-49.74	0.01062	2.5	-23.72	-49.74



## CSE-TX Unwanted Emission Strength Result

Appendix D

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (uW/MHz)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)
5600MHz_TnomVmin	Pass	5.745G	26G	1M	25.97721G	-36.31	0.23388	2.5	-10.29	-36.31
5600MHz_TnomVmax	Pass	30M	5.455G	1M	5.44347G	-49.58	0.01102	2.5	-23.56	-49.58
5600MHz_TnomVmax	Pass	5.745G	26G	1M	25.89113G	-36.57	0.22029	2.5	-10.55	-36.57
5700MHz_TnomVnom	Pass	30M	5.455G	1M	5.45229G	-49.10	0.0123	2.5	-23.08	-49.10
5700MHz_TnomVnom	Pass	5.745G	26G	1M	25.89873G	-36.39	0.22961	2.5	-10.37	-36.39
5700MHz_TnomVmin	Pass	30M	5.455G	1M	5.44415G	-49.22	0.01197	2.5	-23.20	-49.22
5700MHz_TnomVmin	Pass	5.745G	26G	1M	25.90632G	-36.43	0.22751	2.5	-10.41	-36.43
5700MHz_TnomVmax	Pass	30M	5.455G	1M	5.43805G	-49.40	0.01148	2.5	-23.38	-49.40
5700MHz_TnomVmax	Pass	5.745G	26G	1M	25.94936G	-36.33	0.23281	2.5	-10.31	-36.33
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	5.135G	1M	5.13436G	-48.67	0.01358	2.5	-22.65	-48.67
5180MHz_TnomVnom	Pass	5.365G	26G	1M	25.92004G	-36.12	0.24434	2.5	-10.10	-36.12
5180MHz_TnomVmin	Pass	30M	5.135G	1M	5.13372G	-48.69	0.01352	2.5	-22.67	-48.69
5180MHz_TnomVmin	Pass	5.365G	26G	1M	25.97679G	-36.15	0.24266	2.5	-10.13	-36.15
5180MHz_TnomVmax	Pass	30M	5.135G	1M	5.13436G	-48.96	0.01271	2.5	-22.94	-48.96
5180MHz_TnomVmax	Pass	5.365G	26G	1M	25.94067G	-36.58	0.21979	2.5	-10.56	-36.58
5240MHz_TnomVnom	Pass	30M	5.135G	1M	5.135G	-51.57	0.00697	2.5	-25.55	-51.57
5240MHz_TnomVnom	Pass	5.365G	26G	1M	25.97163G	-36.28	0.2355	2.5	-10.26	-36.28
5240MHz_TnomVmin	Pass	30M	5.135G	1M	5.1133G	-51.46	0.00714	2.5	-25.44	-51.46
5240MHz_TnomVmin	Pass	5.365G	26G	1M	25.98452G	-36.39	0.22961	2.5	-10.37	-36.39
5240MHz_TnomVmax	Pass	30M	5.135G	1M	5.11586G	-51.39	0.00726	2.5	-25.37	-51.39
5240MHz_TnomVmax	Pass	5.365G	26G	1M	25.89167G	-36.45	0.22646	2.5	-10.43	-36.45
5260MHz_TnomVnom	Pass	30M	5.135G	1M	5.10309G	-51.55	0.007	2.5	-25.53	-51.55
5260MHz_TnomVnom	Pass	5.365G	26G	1M	25.4996G	-36.47	0.22542	2.5	-10.45	-36.47
5260MHz_TnomVmin	Pass	30M	5.135G	1M	5.12926G	-51.47	0.00713	2.5	-25.45	-51.47
5260MHz_TnomVmin	Pass	5.365G	26G	1M	25.92004G	-36.31	0.23388	2.5	-10.29	-36.31
5260MHz_TnomVmax	Pass	30M	5.135G	1M	5.13245G	-50.91	0.00811	2.5	-24.89	-50.91
5260MHz_TnomVmax	Pass	5.365G	26G	1M	25.96647G	-36.04	0.24889	2.5	-10.02	-36.04
5320MHz_TnomVnom	Pass	30M	5.135G	1M	4.72405G	-51.77	0.00665	2.5	-25.75	-51.77
5320MHz_TnomVnom	Pass	5.365G	26G	1M	25.8994G	-36.41	0.22856	2.5	-10.39	-36.41
5320MHz_TnomVmin	Pass	30M	5.135G	1M	4.69788G	-51.85	0.00653	2.5	-25.83	-51.85
5320MHz_TnomVmin	Pass	5.365G	26G	1M	25.95357G	-36.31	0.23388	2.5	-10.29	-36.31
5320MHz_TnomVmax	Pass	30M	5.135G	1M	4.03041G	-51.97	0.00635	2.5	-25.95	-51.97
5320MHz_TnomVmax	Pass	5.365G	26G	1M	25.91488G	-36.37	0.23067	2.5	-10.35	-36.37



## CSE-TX Unwanted Emission Strength Result

Appendix D

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (uW/MHz)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)
5500MHz_TnomVnom	Pass	30M	5.455G	1M	5.455G	-47.55	0.01758	2.5	-21.53	-47.55
5500MHz_TnomVnom	Pass	5.745G	26G	1M	25.90126G	-36.42	0.22803	2.5	-10.40	-36.42
5500MHz_TnomVmin	Pass	30M	5.455G	1M	5.45364G	-47.10	0.0195	2.5	-21.08	-47.10
5500MHz_TnomVmin	Pass	5.745G	26G	1M	25.97215G	-36.28	0.2355	2.5	-10.26	-36.28
5500MHz_TnomVmax	Pass	30M	5.455G	1M	5.455G	-46.45	0.02265	2.5	-20.43	-46.45
5500MHz_TnomVmax	Pass	5.745G	26G	1M	25.9367G	-36.16	0.2421	2.5	-10.14	-36.16
5600MHz_TnomVnom	Pass	30M	5.455G	1M	5.44144G	-49.41	0.01146	2.5	-23.39	-49.41
5600MHz_TnomVnom	Pass	5.745G	26G	1M	25.92658G	-36.54	0.22182	2.5	-10.52	-36.54
5600MHz_TnomVmin	Pass	30M	5.455G	1M	5.43533G	-49.62	0.01091	2.5	-23.60	-49.62
5600MHz_TnomVmin	Pass	5.745G	26G	1M	25.98481G	-36.07	0.24717	2.5	-10.05	-36.07
5600MHz_TnomVmax	Pass	30M	5.455G	1M	5.44415G	-49.65	0.01084	2.5	-23.63	-49.65
5600MHz_TnomVmax	Pass	5.745G	26G	1M	25.93417G	-36.31	0.23388	2.5	-10.29	-36.31
5700MHz_TnomVnom	Pass	30M	5.455G	1M	5.43398G	-49.55	0.01109	2.5	-23.53	-49.55
5700MHz_TnomVnom	Pass	5.745G	26G	1M	25.96202G	-36.02	0.25003	2.5	-10.00	-36.02
5700MHz_TnomVmin	Pass	30M	5.455G	1M	5.42584G	-49.22	0.01197	2.5	-23.20	-49.22
5700MHz_TnomVmin	Pass	5.745G	26G	1M	25.96202G	-36.32	0.23335	2.5	-10.30	-36.32
5700MHz_TnomVmax	Pass	30M	5.455G	1M	5.41635G	-49.45	0.01135	2.5	-23.43	-49.45
5700MHz_TnomVmax	Pass	5.745G	26G	1M	25.99494G	-36.33	0.23281	2.5	-10.31	-36.33



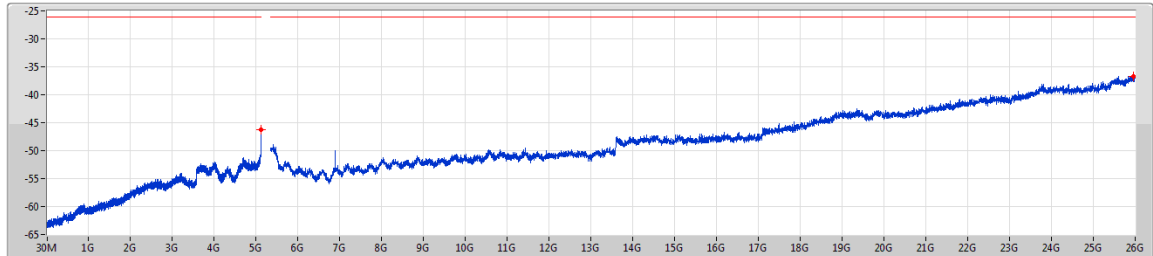
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a\_Nss1\_1TX

CSE-TX

5180MHz\_TnomVnom

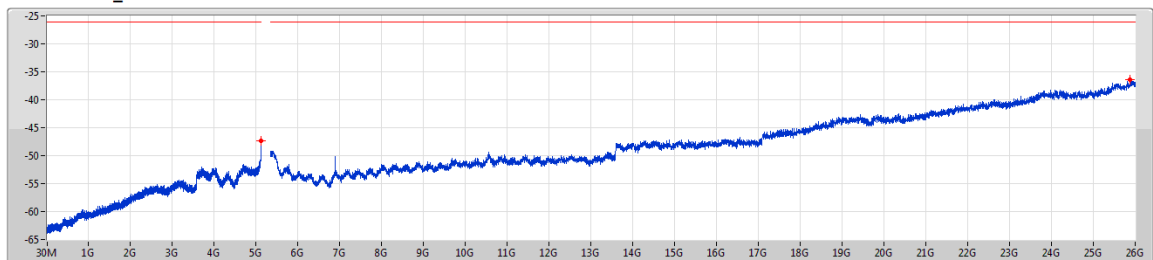


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	5.13745G	-46.30	-26.02	-20.28	-46.30
5.36G	26G	25.96388G	-36.66	-26.02	-10.64	-36.66

802.11a\_Nss1\_1TX

CSE-TX

5180MHz\_TnomVmin

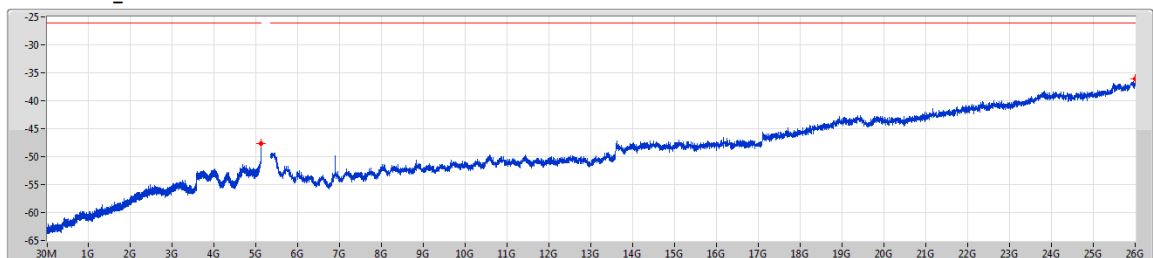


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	5.13872G	-47.41	-26.02	-21.39	-47.41
5.36G	26G	25.86842G	-36.48	-26.02	-10.46	-36.48

802.11a\_Nss1\_1TX

CSE-TX

5180MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	5.13936G	-47.73	-26.02	-21.71	-47.73
5.36G	26G	25.99226G	-36.14	-26.02	-10.12	-36.14



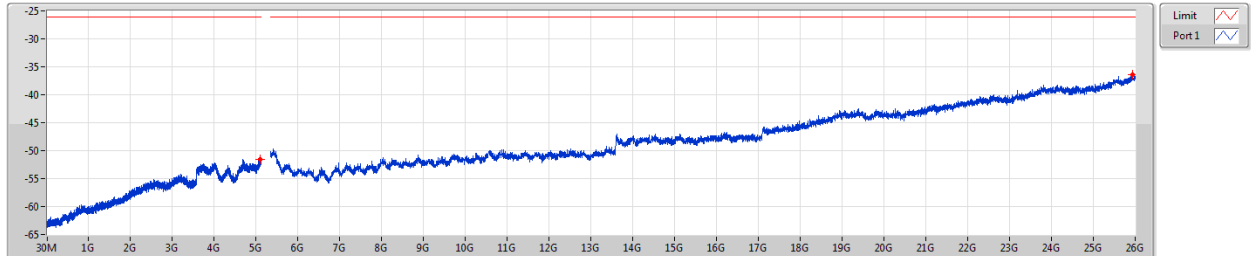
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a\_Nss1\_1TX

CSE-TX

5240MHz\_TnomVnom

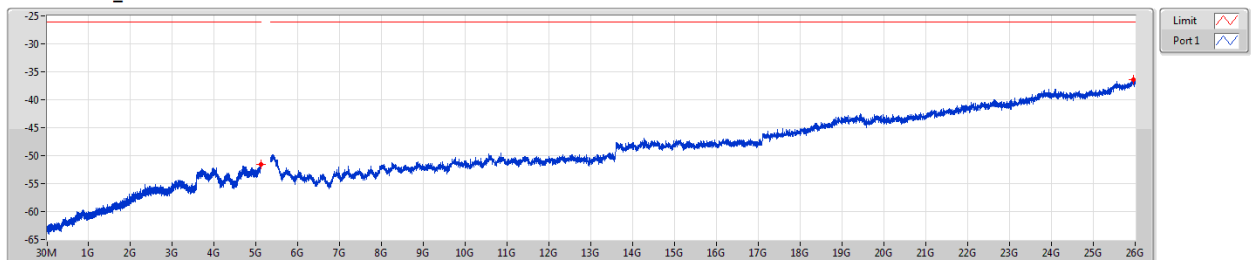


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	5.11317G	-51.49	-26.02	-25.47	-51.49
5.36G	26G	25.93034G	-36.48	-26.02	-10.46	-36.48

802.11a\_Nss1\_1TX

CSE-TX

5240MHz\_TnomVmin

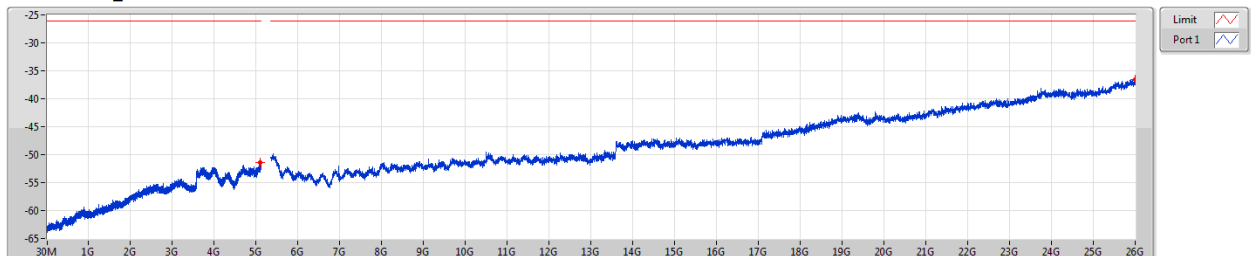


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	5.13681G	-51.53	-26.02	-25.51	-51.53
5.36G	26G	25.95356G	-36.48	-26.02	-10.46	-36.48

802.11a\_Nss1\_1TX

CSE-TX

5240MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	5.11253G	-51.44	-26.02	-25.42	-51.44
5.36G	26G	25.99226G	-36.61	-26.02	-10.59	-36.61



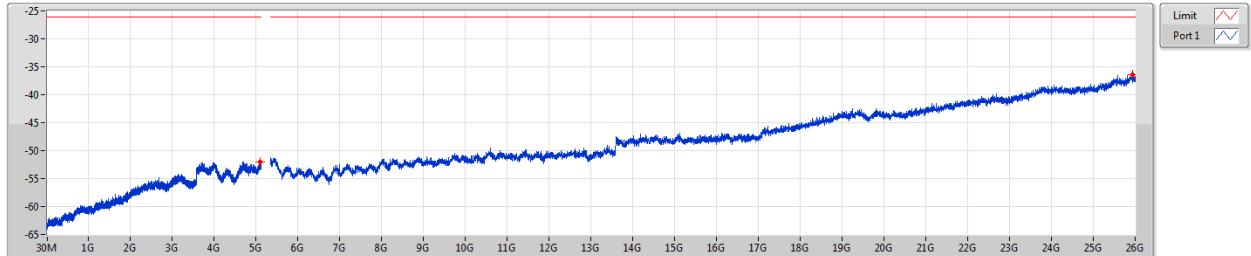
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a\_Nss1\_1TX

CSE-TX

5260MHz\_TnomVnom

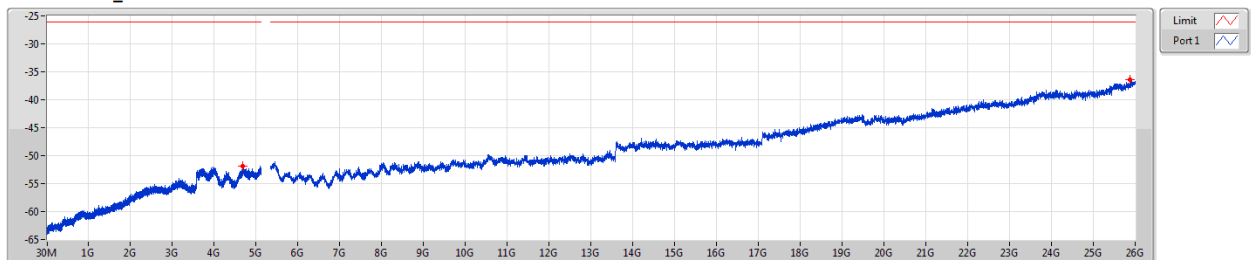


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	5.10615G	-52.00	-26.02	-25.98	-52.00
5.36G	26G	25.94066G	-36.44	-26.02	-10.42	-36.44

802.11a\_Nss1\_1TX

CSE-TX

5260MHz\_TnomVmin

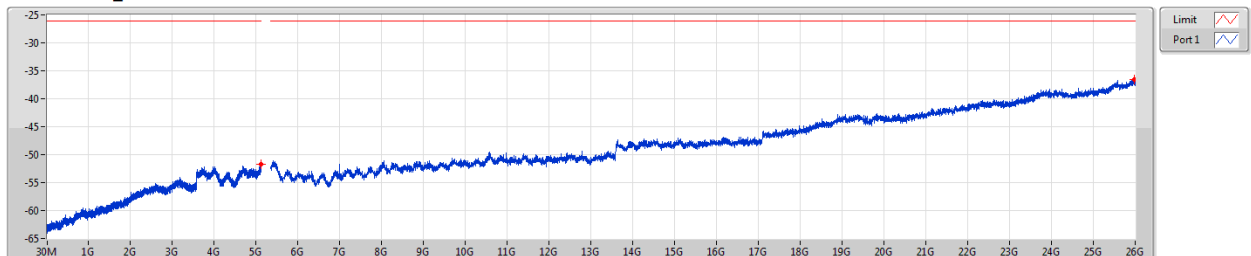


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	4.69671G	-51.87	-26.02	-25.85	-51.87
5.36G	26G	25.87616G	-36.41	-26.02	-10.39	-36.41

802.11a\_Nss1\_1TX

CSE-TX

5260MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	5.13872G	-51.76	-26.02	-25.74	-51.76
5.36G	26G	25.9871G	-36.49	-26.02	-10.47	-36.49



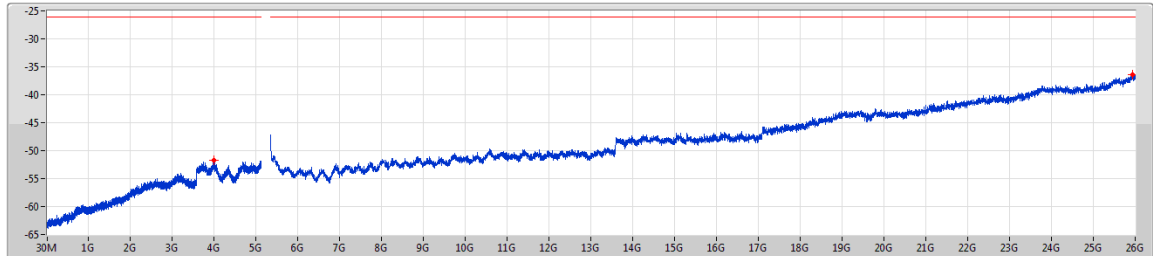
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a\_Nss1\_1TX

CSE-TX

5320MHz\_TnomVnom

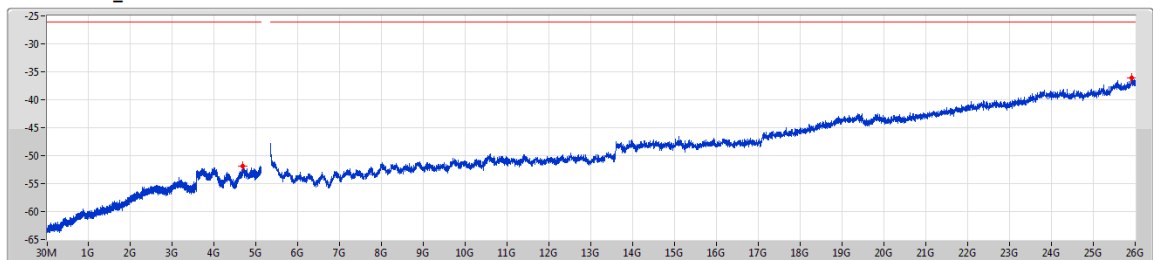


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	4.00111G	-51.76	-26.02	-25.74	-51.76
5.36G	26G	25.93292G	-36.40	-26.02	-10.38	-36.40

802.11a\_Nss1\_1TX

CSE-TX

5320MHz\_TnomVmin

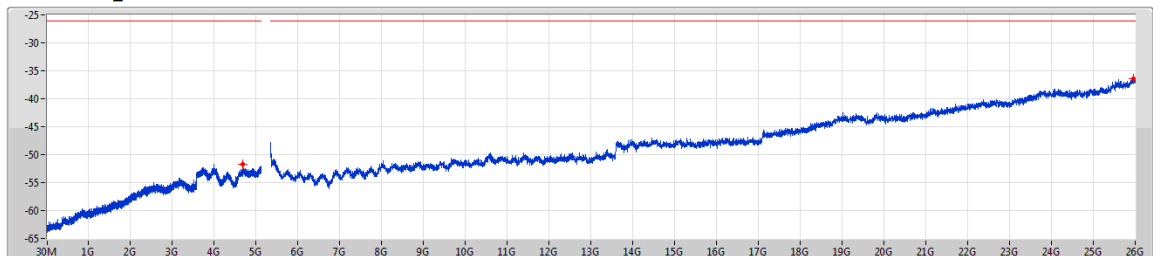


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	4.70182G	-51.84	-26.02	-25.82	-51.84
5.36G	26G	25.92518G	-36.15	-26.02	-10.13	-36.15

802.11a\_Nss1\_1TX

CSE-TX

5320MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.14G	4.70118G	-51.69	-26.02	-25.67	-51.69
5.36G	26G	25.95614G	-36.40	-26.02	-10.38	-36.40



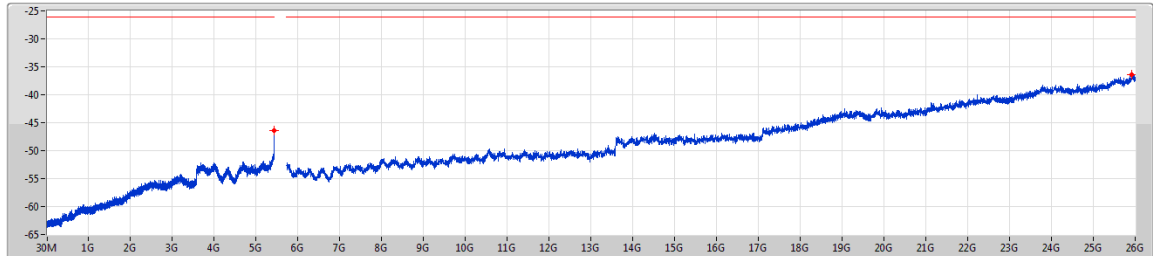
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a\_Nss1\_1TX

CSE-TX

5500MHz\_TnomVnom

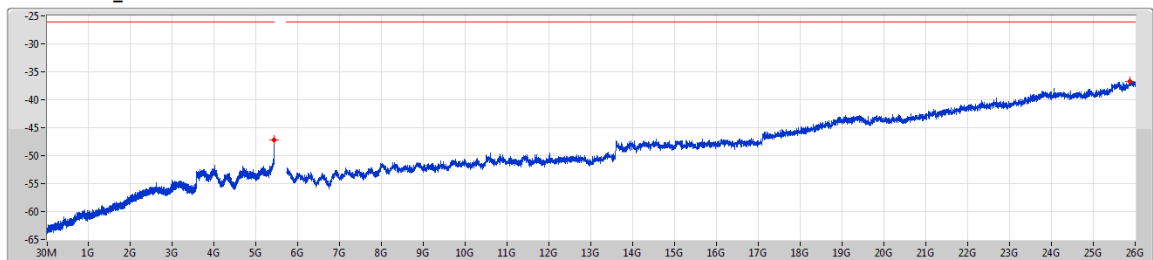


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.455G	-46.48	-26.02	-20.46	-46.48
5.745G	26G	25.92404G	-36.37	-26.02	-10.35	-36.37

802.11a\_Nss1\_1TX

CSE-TX

5500MHz\_TnomVmin

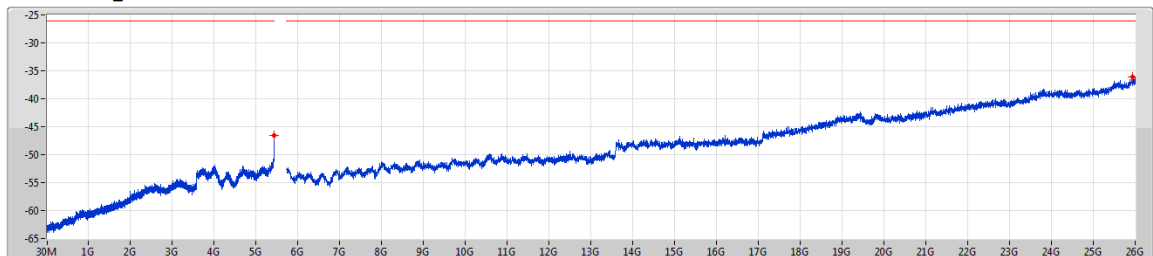


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.455G	-47.23	-26.02	-21.21	-47.23
5.745G	26G	25.86581G	-36.74	-26.02	-10.72	-36.74

802.11a\_Nss1\_1TX

CSE-TX

5500MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.455G	-46.58	-26.02	-20.56	-46.58
5.745G	26G	25.93924G	-36.10	-26.02	-10.08	-36.10



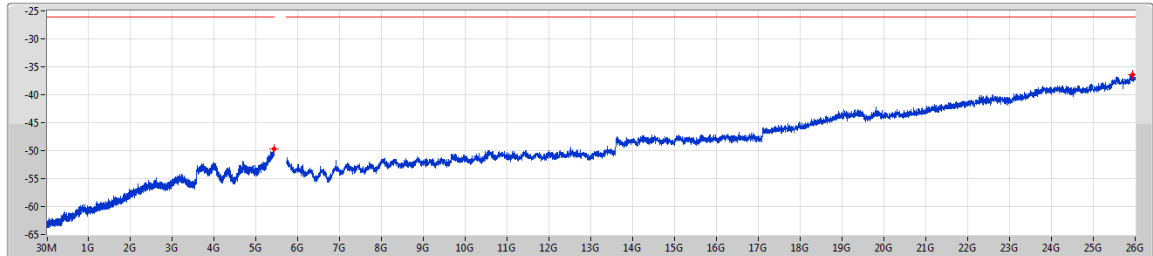
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a\_Nss1\_1TX

CSE-TX

5600MHz\_TnomVnom

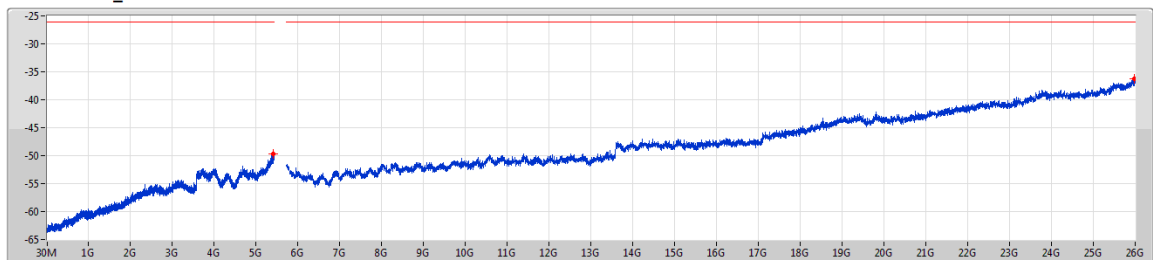


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.45364G	-49.61	-26.02	-23.59	-49.61
5.745G	26G	25.92911G	-36.35	-26.02	-10.33	-36.35

802.11a\_Nss1\_1TX

CSE-TX

5600MHz\_TnomVmin

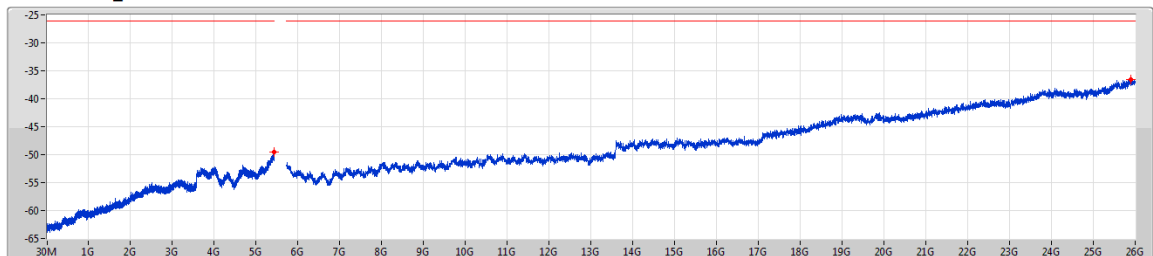


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.42788G	-49.74	-26.02	-23.72	-49.74
5.745G	26G	25.97721G	-36.31	-26.02	-10.29	-36.31

802.11a\_Nss1\_1TX

CSE-TX

5600MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.44347G	-49.58	-26.02	-23.56	-49.58
5.745G	26G	25.89113G	-36.57	-26.02	-10.55	-36.57



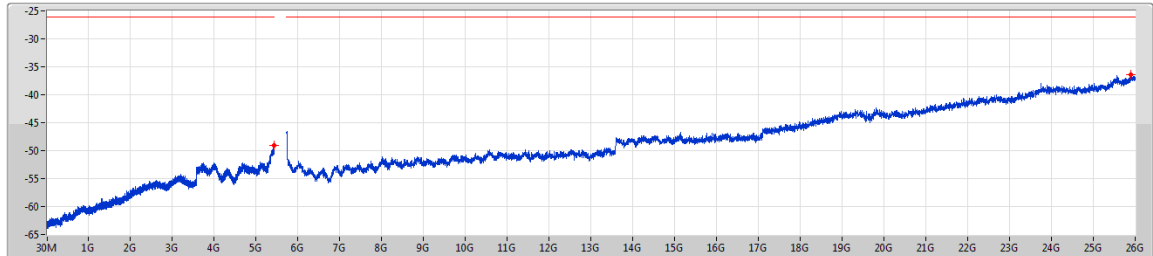
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11a\_Nss1\_1TX

CSE-TX

5700MHz\_TnomVnom

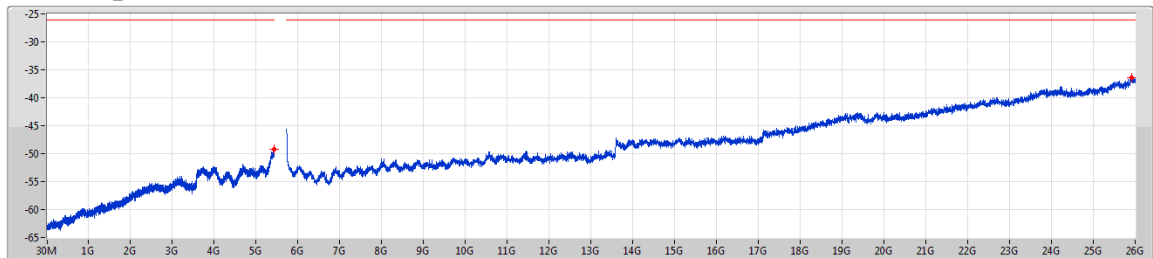


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.45229G	-49.10	-26.02	-23.08	-49.10
5.745G	26G	25.89873G	-36.39	-26.02	-10.37	-36.39

802.11a\_Nss1\_1TX

CSE-TX

5700MHz\_TnomVmin

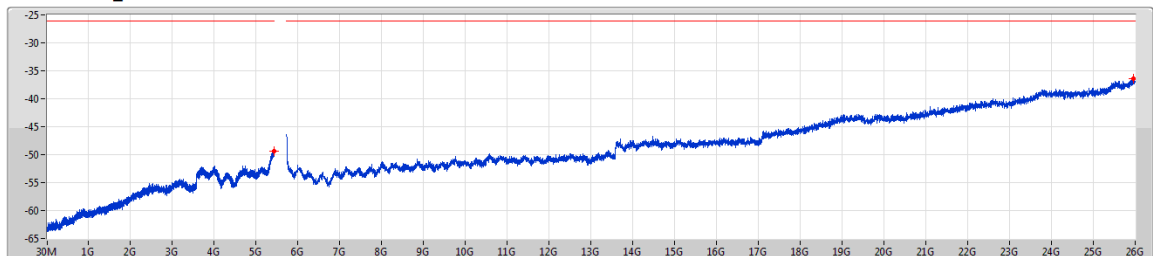


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.44415G	-49.22	-26.02	-23.20	-49.22
5.745G	26G	25.90632G	-36.43	-26.02	-10.41	-36.43

802.11a\_Nss1\_1TX

CSE-TX

5700MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.43805G	-49.40	-26.02	-23.38	-49.40
5.745G	26G	25.94936G	-36.33	-26.02	-10.31	-36.33



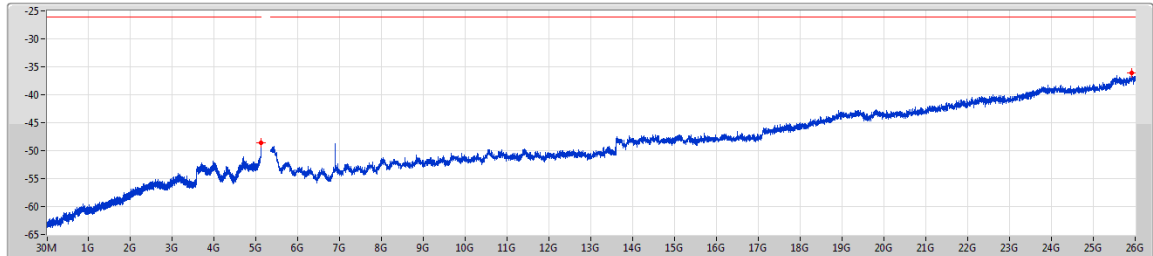
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5180MHz\_TnomVnom

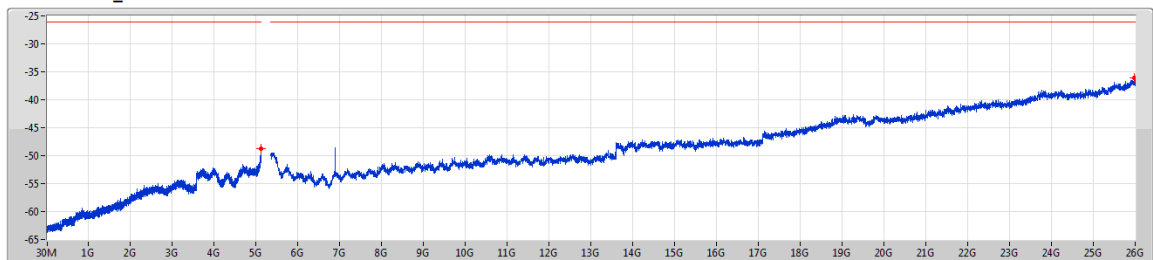


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.13436G	-48.67	-26.02	-22.65	-48.67
5.365G	26G	25.92004G	-36.12	-26.02	-10.10	-36.12

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5180MHz\_TnomVmin

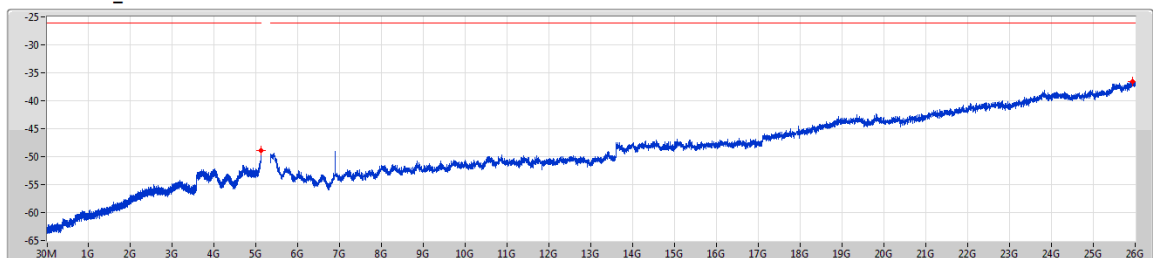


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.13372G	-48.69	-26.02	-22.67	-48.69
5.365G	26G	25.97679G	-36.15	-26.02	-10.13	-36.15

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5180MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.13436G	-48.96	-26.02	-22.94	-48.96
5.365G	26G	25.94067G	-36.58	-26.02	-10.56	-36.58



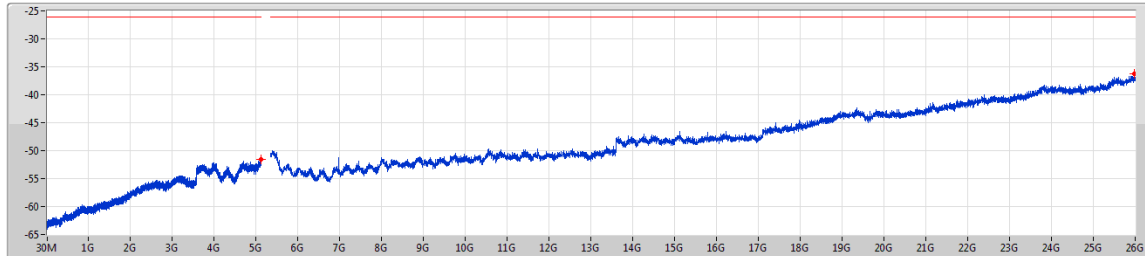
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5240MHz\_TnomVnom

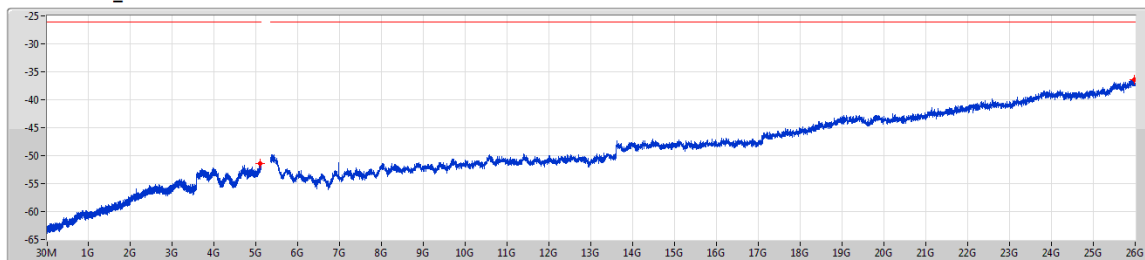


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.135G	-51.57	-26.02	-25.55	-51.57
5.365G	26G	25.97163G	-36.28	-26.02	-10.26	-36.28

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5240MHz\_TnomVmin

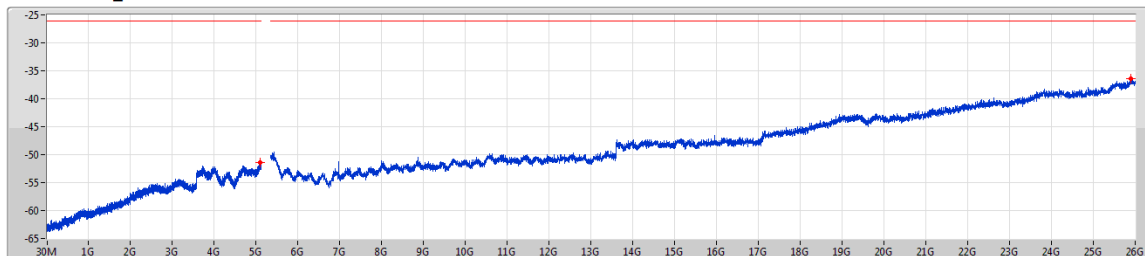


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.1133G	-51.46	-26.02	-25.44	-51.46
5.365G	26G	25.98452G	-36.39	-26.02	-10.37	-36.39

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5240MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.11586G	-51.39	-26.02	-25.37	-51.39
5.365G	26G	25.89167G	-36.45	-26.02	-10.43	-36.45



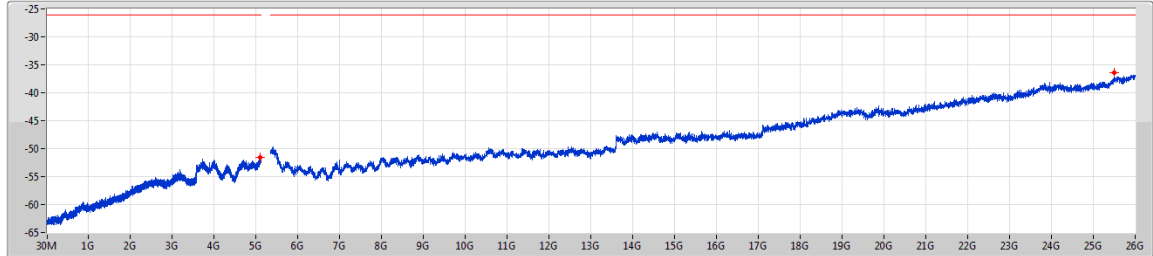
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5260MHz\_TnomVnom

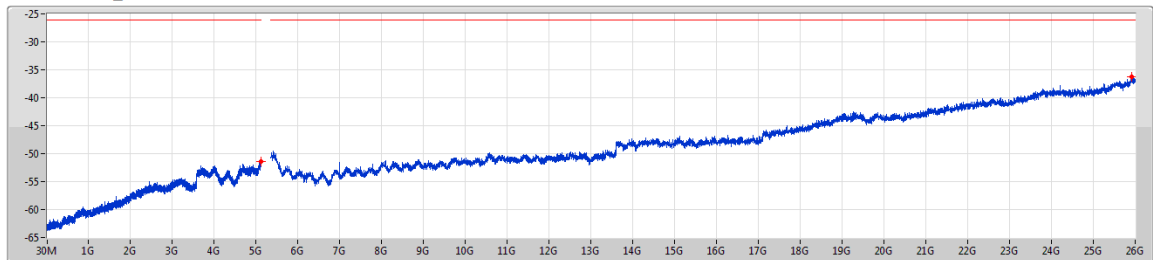


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.10309G	-51.55	-26.02	-25.53	-51.55
5.365G	26G	25.4996G	-36.47	-26.02	-10.45	-36.47

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5260MHz\_TnomVmin

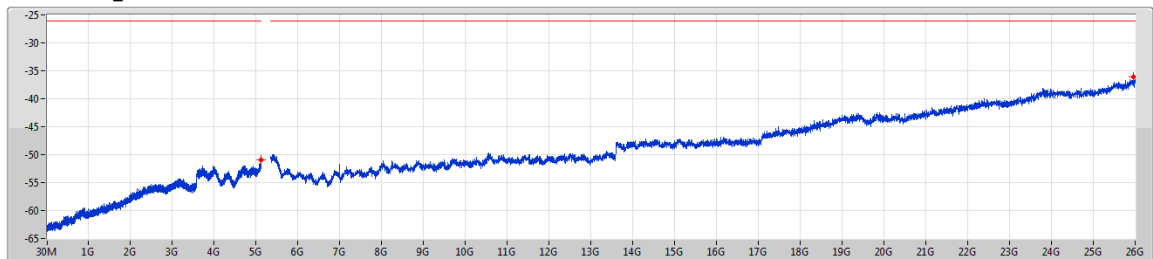


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.12926G	-51.47	-26.02	-25.45	-51.47
5.365G	26G	25.92004G	-36.31	-26.02	-10.29	-36.31

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5260MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	5.13245G	-50.91	-26.02	-24.89	-50.91
5.365G	26G	25.96647G	-36.04	-26.02	-10.02	-36.04



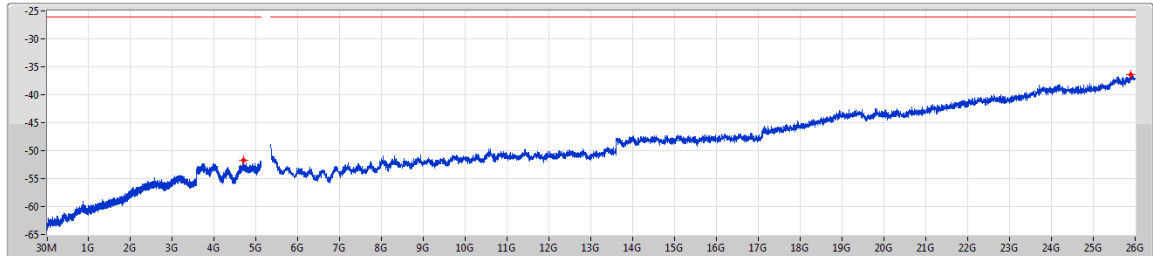
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5320MHz\_TnomVnom

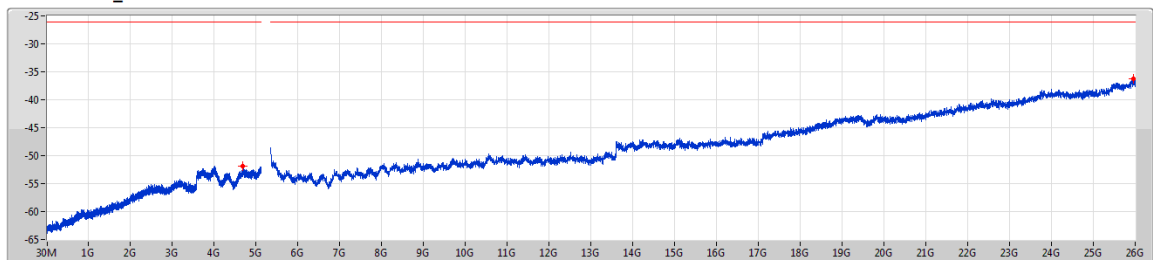


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	4.72405G	-51.77	-26.02	-25.75	-51.77
5.365G	26G	25.8994G	-36.41	-26.02	-10.39	-36.41

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5320MHz\_TnomVmin

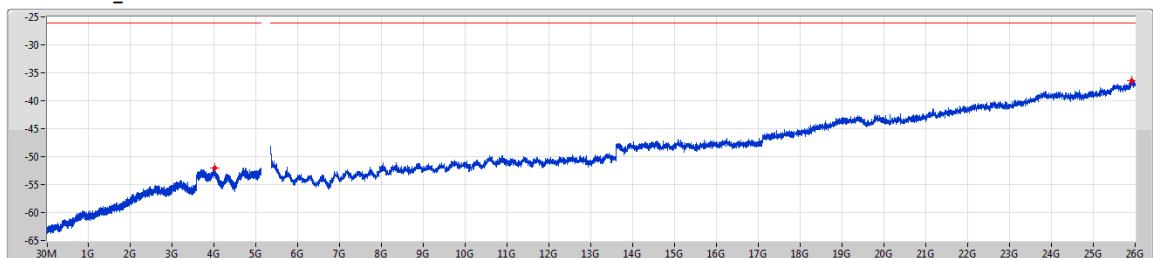


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	4.69788G	-51.85	-26.02	-25.83	-51.85
5.365G	26G	25.95357G	-36.31	-26.02	-10.29	-36.31

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5320MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.135G	4.03041G	-51.97	-26.02	-25.95	-51.97
5.365G	26G	25.91488G	-36.37	-26.02	-10.35	-36.37



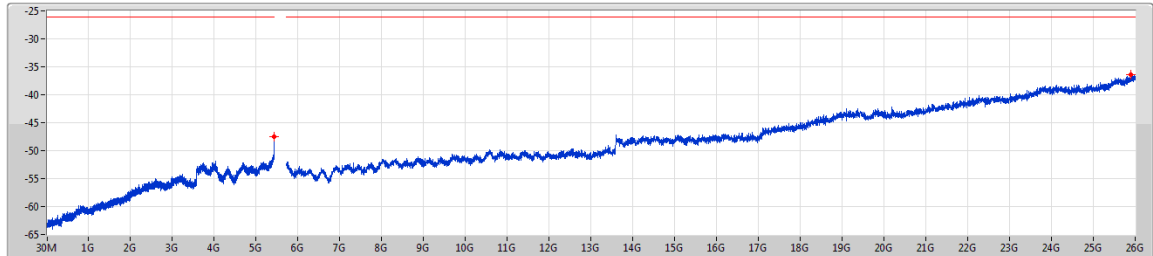
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5500MHz\_TnomVnom

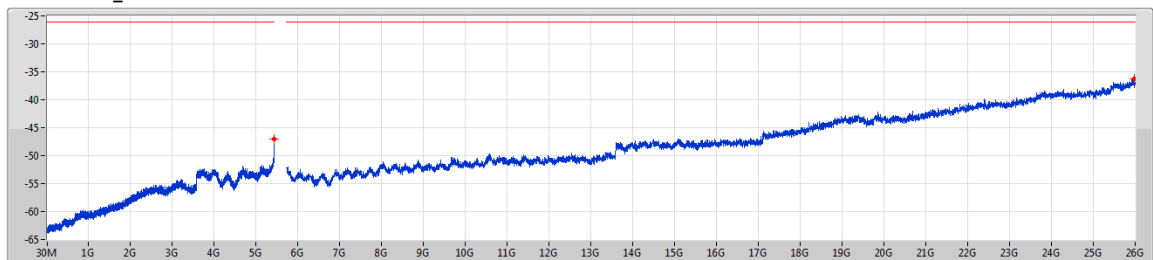


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.455G	-47.55	-26.02	-21.53	-47.55
5.745G	26G	25.90126G	-36.42	-26.02	-10.40	-36.42

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5500MHz\_TnomVmin

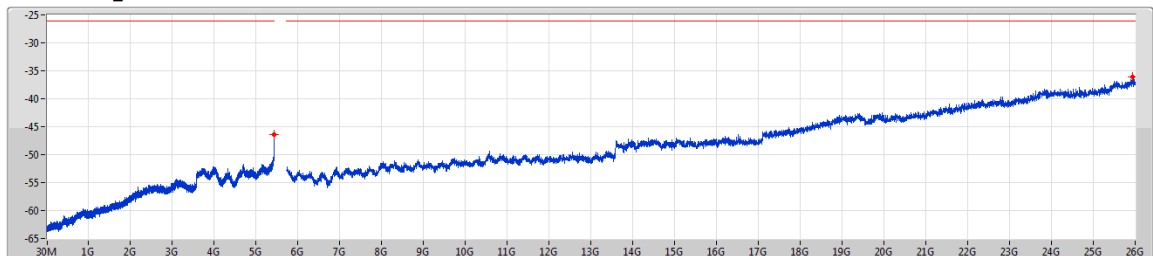


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.45364G	-47.10	-26.02	-21.08	-47.10
5.745G	26G	25.97215G	-36.28	-26.02	-10.26	-36.28

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5500MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.455G	-46.45	-26.02	-20.43	-46.45
5.745G	26G	25.9367G	-36.16	-26.02	-10.14	-36.16



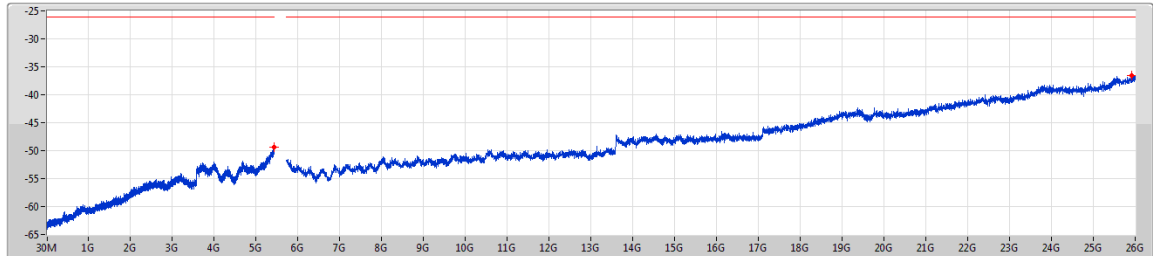
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5600MHz\_TnomVnom

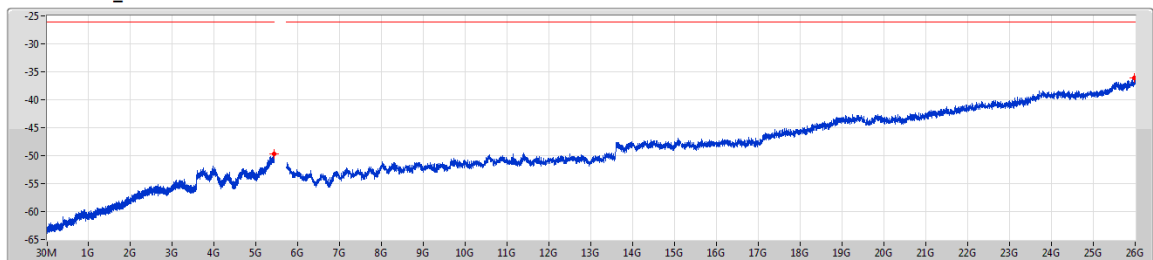


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.44144G	-49.41	-26.02	-23.39	-49.41
5.745G	26G	25.92658G	-36.54	-26.02	-10.52	-36.54

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5600MHz\_TnomVmin

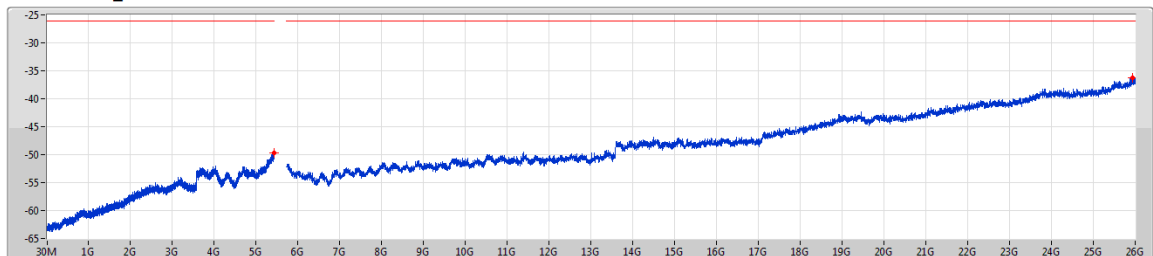


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.43533G	-49.62	-26.02	-23.60	-49.62
5.745G	26G	25.98481G	-36.07	-26.02	-10.05	-36.07

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5600MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.44415G	-49.65	-26.02	-23.63	-49.65
5.745G	26G	25.93417G	-36.31	-26.02	-10.29	-36.31



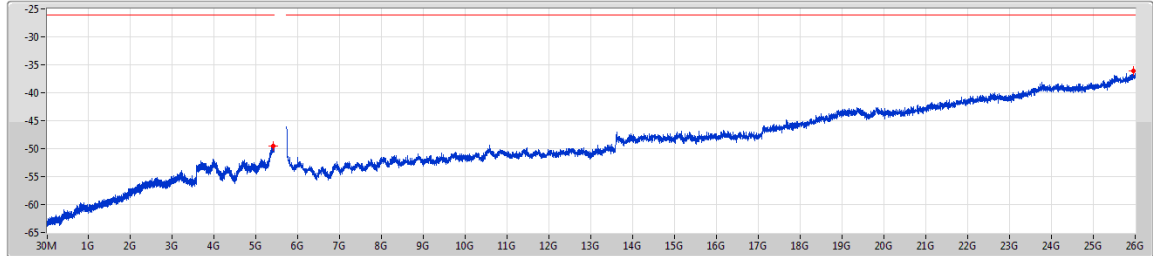
## CSE-TX Unwanted Emission Strength Result

Appendix D

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5700MHz\_TnomVnom

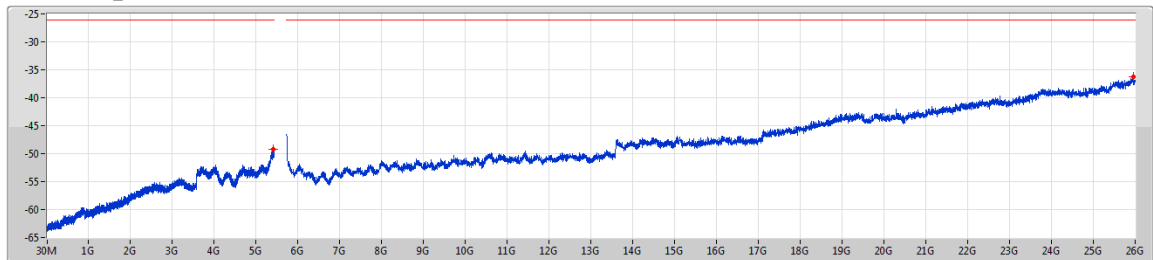


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.43398G	-49.55	-26.02	-23.53	-49.55
5.745G	26G	25.96202G	-36.02	-26.02	-10.00	-36.02

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5700MHz\_TnomVmin

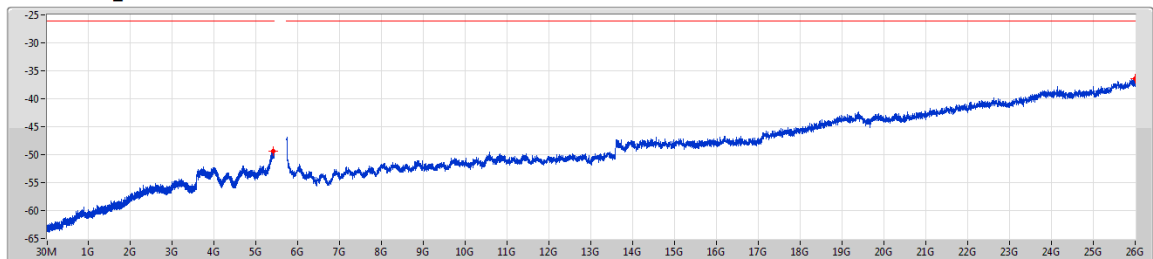


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.42584G	-49.22	-26.02	-23.20	-49.22
5.745G	26G	25.96202G	-36.32	-26.02	-10.30	-36.32

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX

5700MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	5.455G	5.41635G	-49.45	-26.02	-23.43	-49.45
5.745G	26G	25.99494G	-36.33	-26.02	-10.31	-36.33



## Adjacent Channel Leakage Power Result

## Appendix E

### Summary

Mode	Result	-Adj Ch (dB)	+Adj Ch (dB)	Limit (dB)	-Alt Ch (dB)	+Alt Ch (dB)	Limit (dB)	Port
5.15-5.25GHz	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	28.94	28.73	25	52.82	53.12	40	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	28.85	28.82	25	52.23	52.63	40	1
5.25-5.35GHz	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	31.55	31.92	25	52.75	53.11	40	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	29.82	30.06	25	51.82	52.43	40	1
5.47-5.725GHz	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	28.14	28.07	25	50.50	51.83	40	1
802.11n HT20_Nss1,(MCS0)_1TX	Pass	28.41	28.47	25	50.02	51.48	40	1



## Adjacent Channel Leakage Power Result

## Appendix E

### Result

Mode	Result	-Adj Ch (dB)	+Adj Ch (dB)	Limit (dB)	-Alt Ch (dB)	+Alt Ch (dB)	Limit (dB)	Port
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30.10	30.17	25	53.12	53.24	40	1
5180MHz_TnomVmin	Pass	30.06	30.16	25	53.15	53.23	40	1
5180MHz_TnomVmax	Pass	28.94	28.73	25	52.82	53.12	40	1
5240MHz_TnomVnom	Pass	31.34	31.62	25	52.79	52.93	40	1
5240MHz_TnomVmin	Pass	31.33	31.60	25	52.81	52.95	40	1
5240MHz_TnomVmax	Pass	31.32	31.64	25	52.79	52.93	40	1
5260MHz_TnomVnom	Pass	32.10	32.65	25	52.98	53.13	40	1
5260MHz_TnomVmin	Pass	32.06	32.65	25	52.98	53.12	40	1
5260MHz_TnomVmax	Pass	32.07	32.66	25	52.96	53.12	40	1
5320MHz_TnomVnom	Pass	31.58	32.00	25	52.74	53.12	40	1
5320MHz_TnomVmin	Pass	31.57	31.96	25	52.74	53.11	40	1
5320MHz_TnomVmax	Pass	31.55	31.92	25	52.75	53.11	40	1
5500MHz_TnomVnom	Pass	28.45	28.62	25	51.27	52.89	40	1
5500MHz_TnomVmin	Pass	28.42	28.59	25	51.27	52.88	40	1
5500MHz_TnomVmax	Pass	28.48	28.61	25	51.28	52.88	40	1
5600MHz_TnomVnom	Pass	28.14	28.07	25	50.50	51.83	40	1
5600MHz_TnomVmin	Pass	28.10	28.08	25	50.49	51.83	40	1
5600MHz_TnomVmax	Pass	28.09	28.09	25	50.49	51.82	40	1
5700MHz_TnomVnom	Pass	28.51	28.26	25	50.37	51.21	40	1
5700MHz_TnomVmin	Pass	28.53	28.26	25	50.38	51.22	40	1
5700MHz_TnomVmax	Pass	28.54	28.25	25	50.38	51.21	40	1
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	28.85	28.82	25	52.23	52.63	40	1
5180MHz_TnomVmin	Pass	28.86	28.85	25	52.26	52.63	40	1
5180MHz_TnomVmax	Pass	28.83	28.83	25	52.23	52.61	40	1
5240MHz_TnomVnom	Pass	29.68	29.91	25	51.96	52.53	40	1
5240MHz_TnomVmin	Pass	29.69	29.92	25	51.97	52.51	40	1
5240MHz_TnomVmax	Pass	29.71	29.91	25	51.97	52.53	40	1
5260MHz_TnomVnom	Pass	29.86	30.10	25	51.82	52.45	40	1
5260MHz_TnomVmin	Pass	29.88	30.12	25	51.85	52.44	40	1
5260MHz_TnomVmax	Pass	29.82	30.06	25	51.82	52.43	40	1
5320MHz_TnomVnom	Pass	30.07	30.38	25	51.74	52.58	40	1
5320MHz_TnomVmin	Pass	30.06	30.37	25	51.72	52.55	40	1



## Adjacent Channel Leakage Power Result

## Appendix E

Mode	Result	-Adj Ch (dB)	+Adj Ch (dB)	Limit (dB)	-Alt Ch (dB)	+Alt Ch (dB)	Limit (dB)	Port
5320MHz_TnomVmax	Pass	30.04	30.43	25	51.74	52.58	40	1
5500MHz_TnomVnom	Pass	28.93	29.15	25	50.90	52.58	40	1
5500MHz_TnomVmin	Pass	28.96	29.18	25	50.87	52.58	40	1
5500MHz_TnomVmax	Pass	28.97	29.21	25	50.90	52.62	40	1
5600MHz_TnomVnom	Pass	28.43	28.45	25	50.06	51.47	40	1
5600MHz_TnomVmin	Pass	28.41	28.47	25	50.02	51.48	40	1
5600MHz_TnomVmax	Pass	28.45	28.49	25	50.01	51.47	40	1
5700MHz_TnomVnom	Pass	29.02	28.79	25	50.03	50.96	40	1
5700MHz_TnomVmin	Pass	29.05	28.82	25	50.02	50.97	40	1
5700MHz_TnomVmax	Pass	29.06	28.78	25	50.04	50.94	40	1



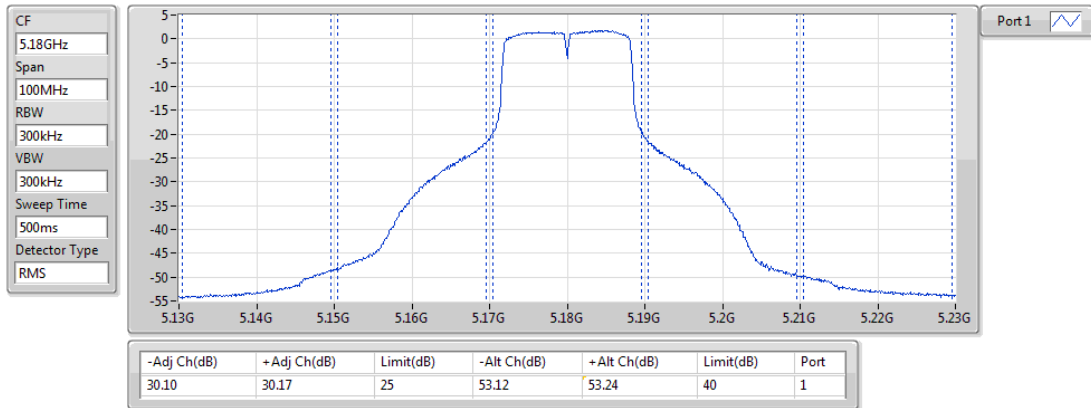
## Adjacent Channel Leakage Power Result

Appendix E

802.11a\_Nss1\_1TX

ACLR

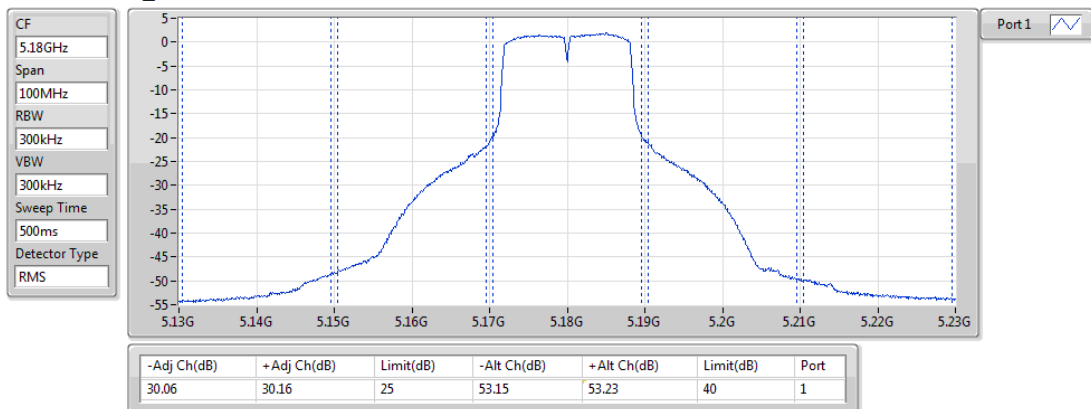
5180MHz\_TnomVnom



802.11a\_Nss1\_1TX

ACLR

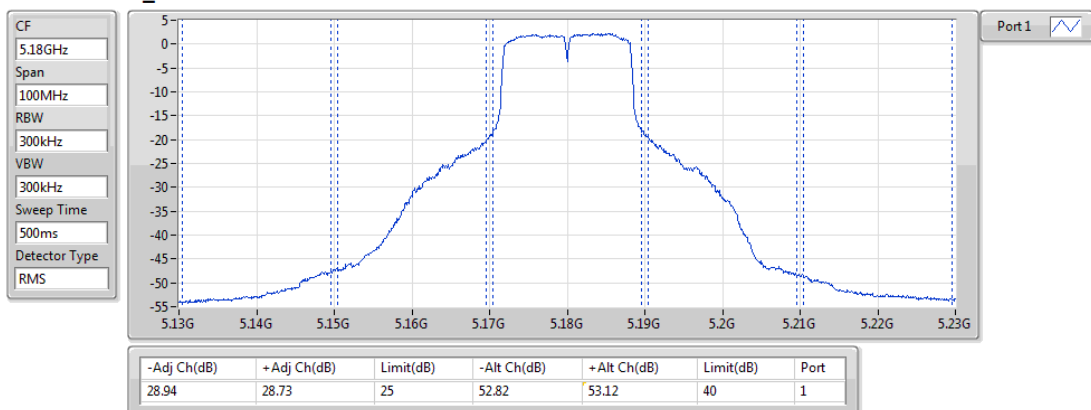
5180MHz\_TnomVmin



802.11a\_Nss1\_1TX

ACLR

5180MHz\_TnomVmax





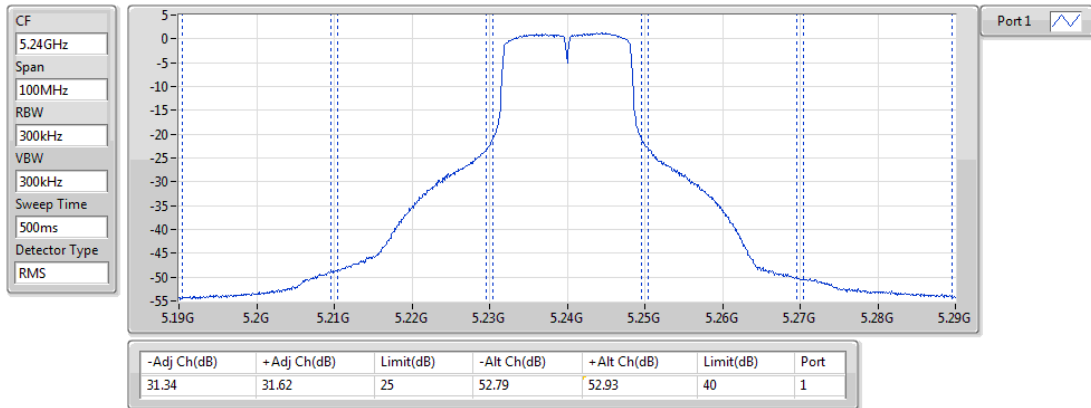
## Adjacent Channel Leakage Power Result

Appendix E

802.11a\_Nss1\_1TX

ACLR

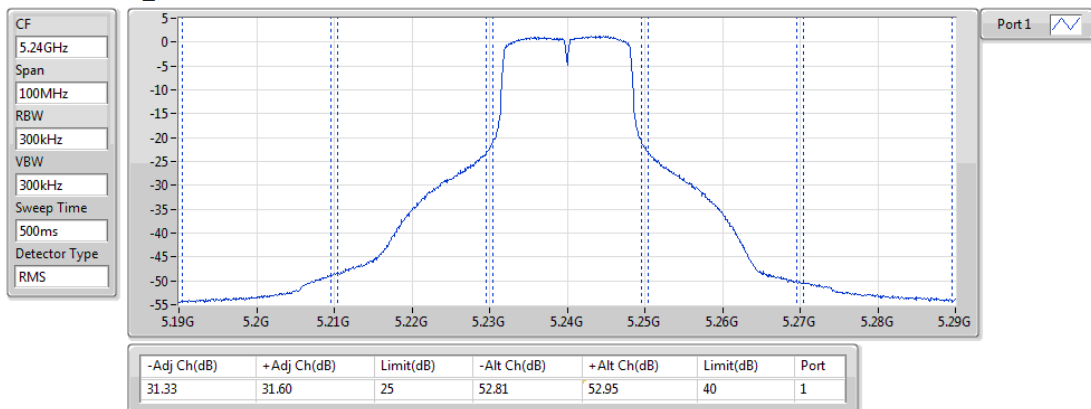
5240MHz\_TnomVnom



802.11a\_Nss1\_1TX

ACLR

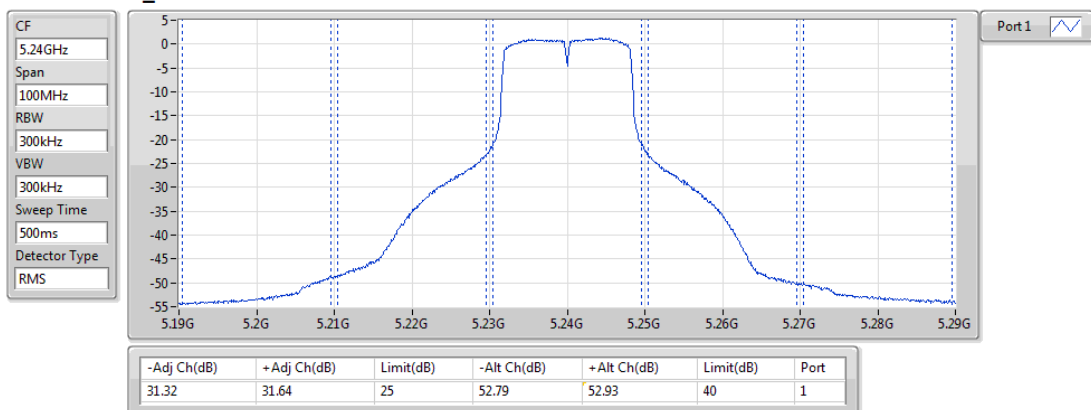
5240MHz\_TnomVmin



802.11a\_Nss1\_1TX

ACLR

5240MHz\_TnomVmax





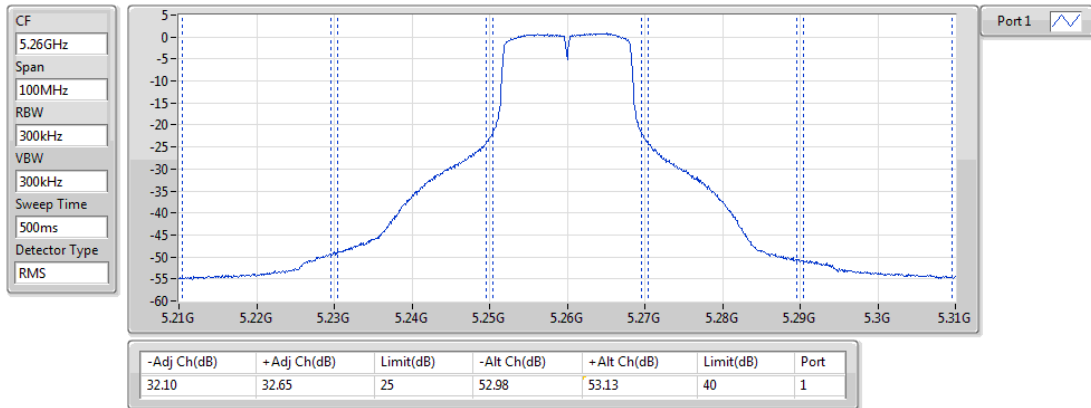
## Adjacent Channel Leakage Power Result

Appendix E

802.11a\_Nss1\_1TX

ACLR

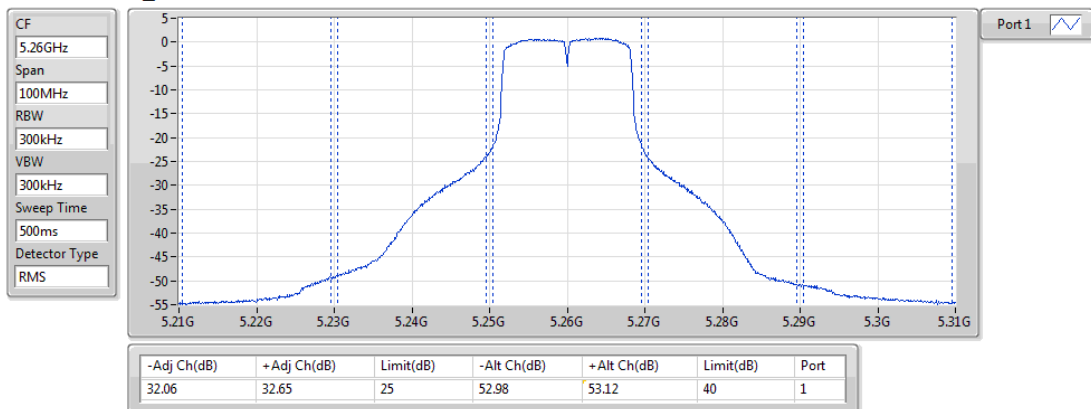
5260MHz\_TnomVnom



802.11a\_Nss1\_1TX

ACLR

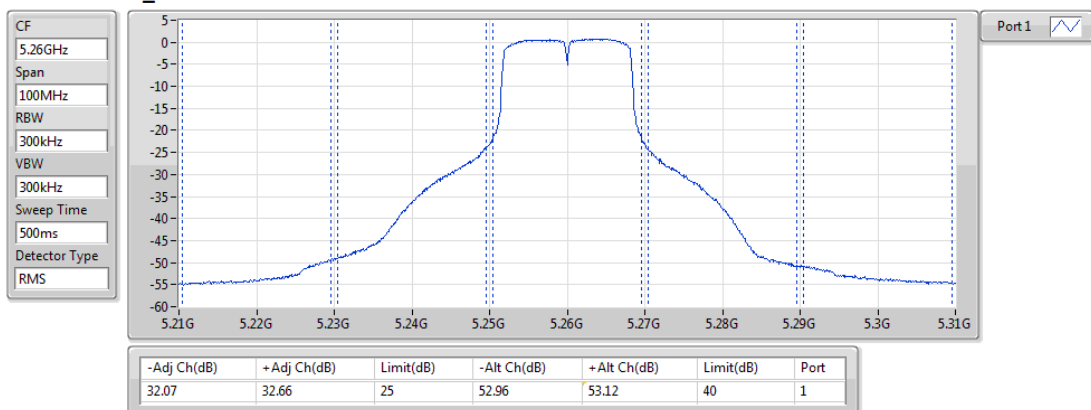
5260MHz\_TnomVmin



802.11a\_Nss1\_1TX

ACLR

5260MHz\_TnomVmax





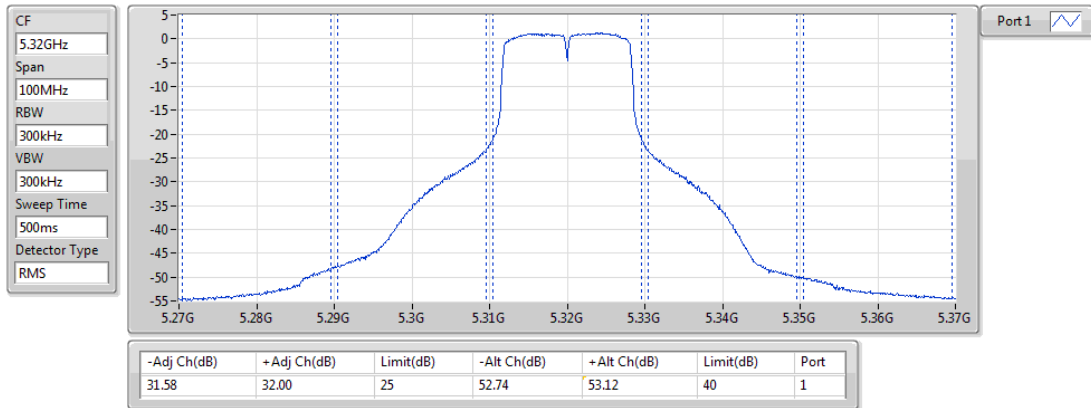
## Adjacent Channel Leakage Power Result

## Appendix E

802.11a\_Nss1\_1TX

ACLR

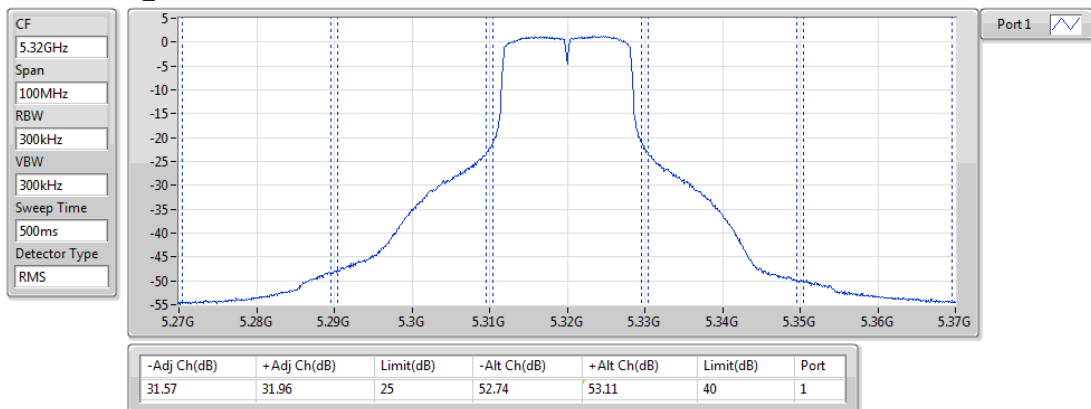
5320MHz\_TnomVnom



802.11a\_Nss1\_1TX

ACLR

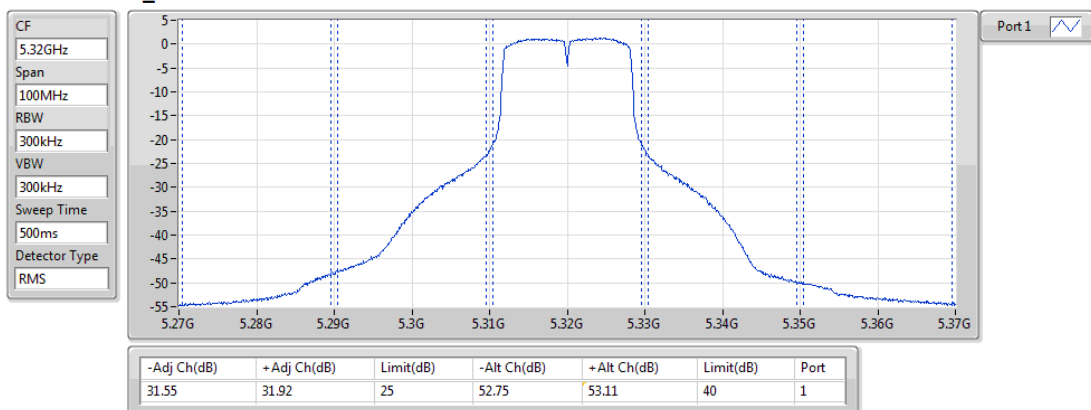
5320MHz\_TnomVmin



802.11a\_Nss1\_1TX

ACLR

5320MHz\_TnomVmax





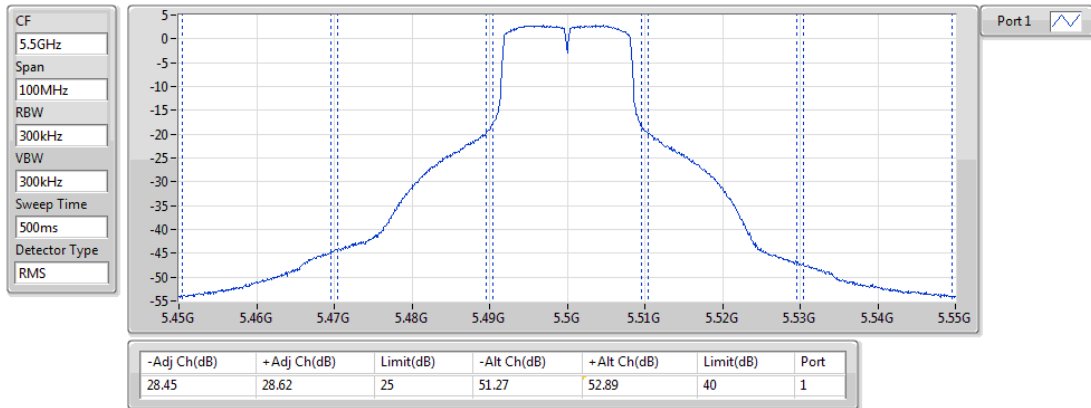
## Adjacent Channel Leakage Power Result

Appendix E

802.11a\_Nss1\_1TX

ACLR

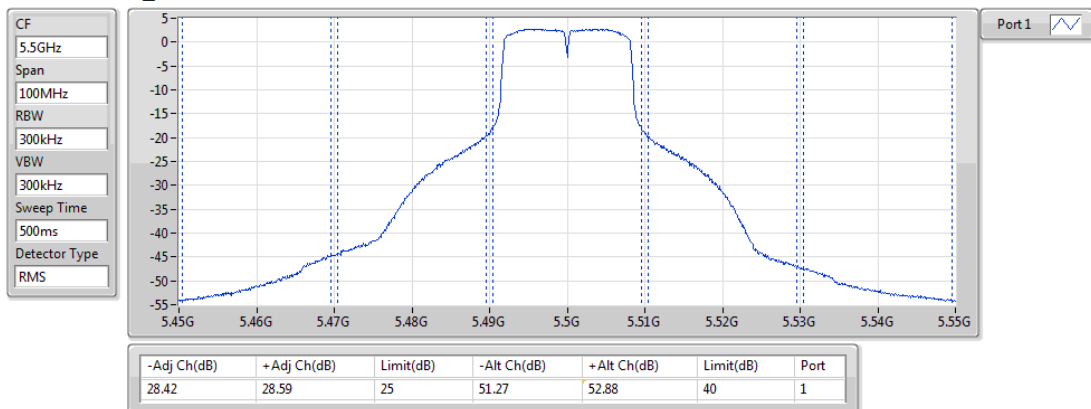
5500MHz\_TnomVnom



802.11a\_Nss1\_1TX

ACLR

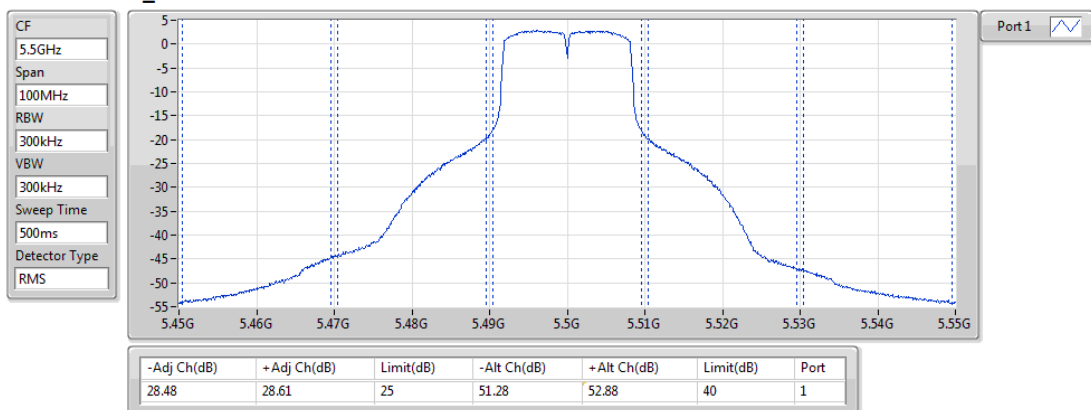
5500MHz\_TnomVmin



802.11a\_Nss1\_1TX

ACLR

5500MHz\_TnomVmax





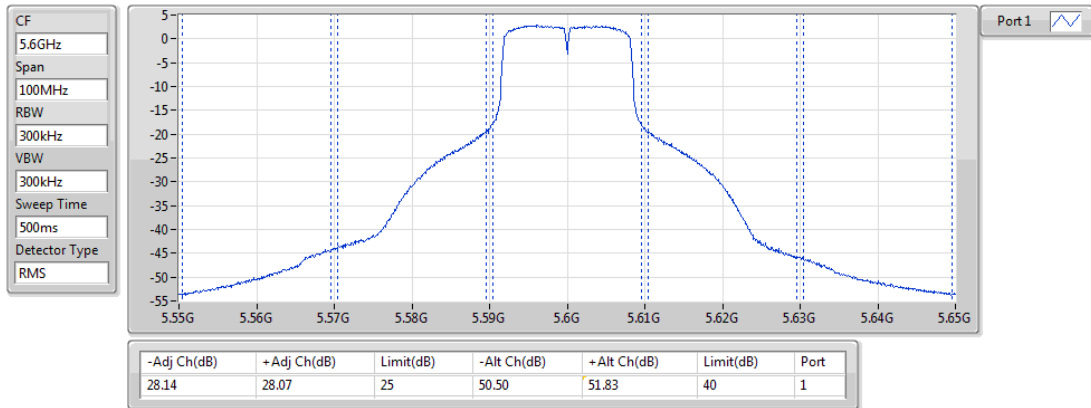
## Adjacent Channel Leakage Power Result

Appendix E

802.11a\_Nss1\_1TX

ACLR

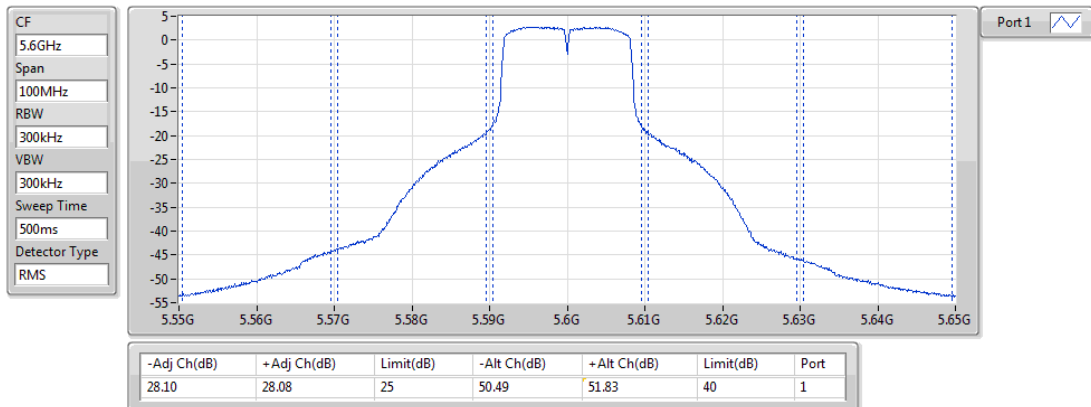
5600MHz\_TnomVnom



802.11a\_Nss1\_1TX

ACLR

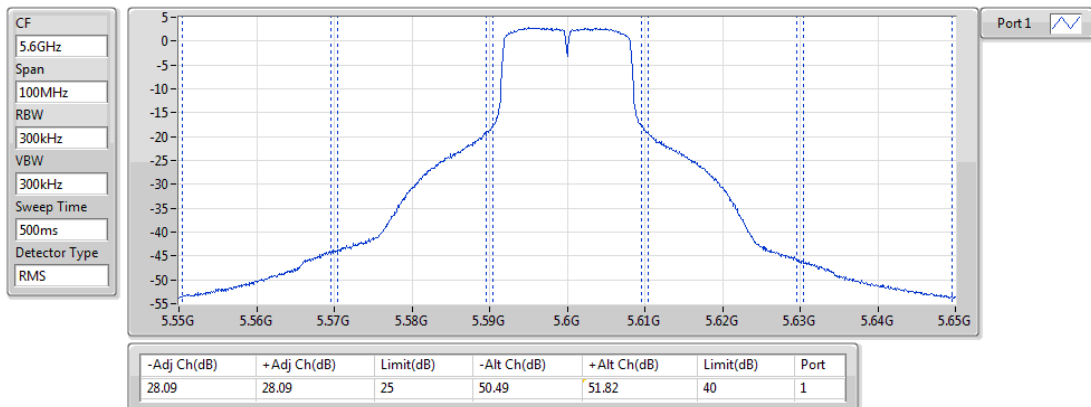
5600MHz\_TnomVmin



802.11a\_Nss1\_1TX

ACLR

5600MHz\_TnomVmax





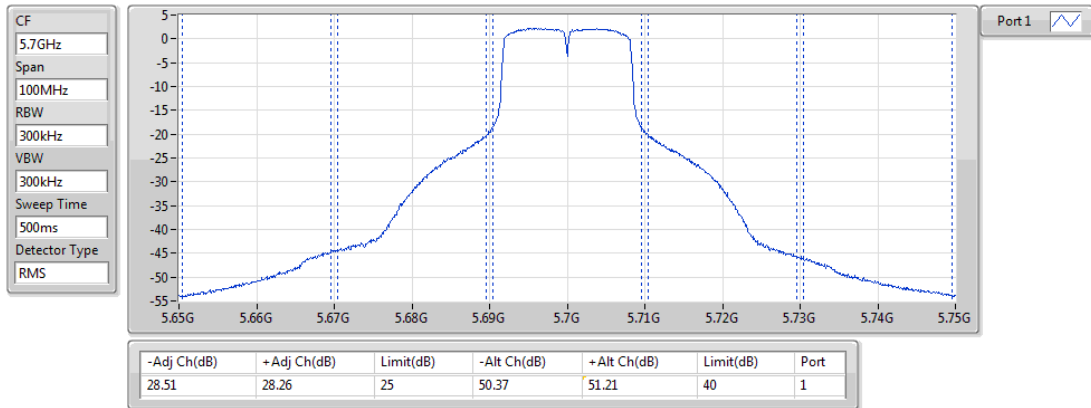
## Adjacent Channel Leakage Power Result

Appendix E

802.11a\_Nss1\_1TX

ACLR

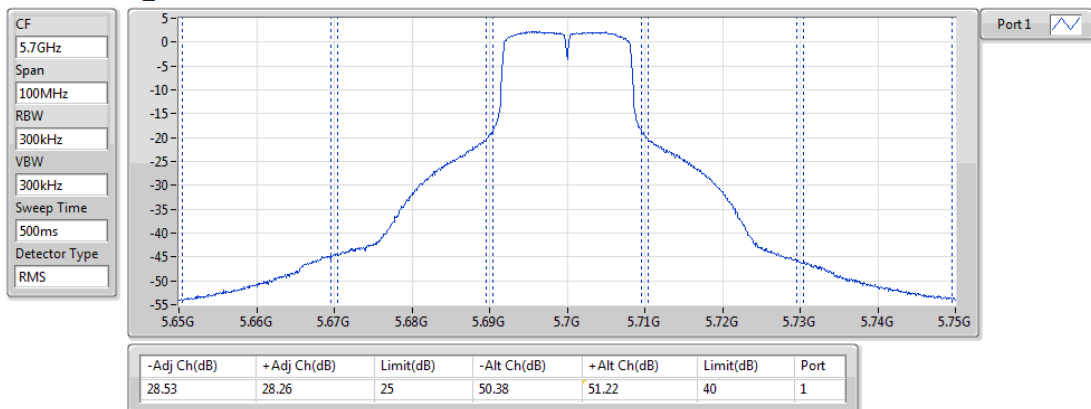
5700MHz\_TnomVnom



802.11a\_Nss1\_1TX

ACLR

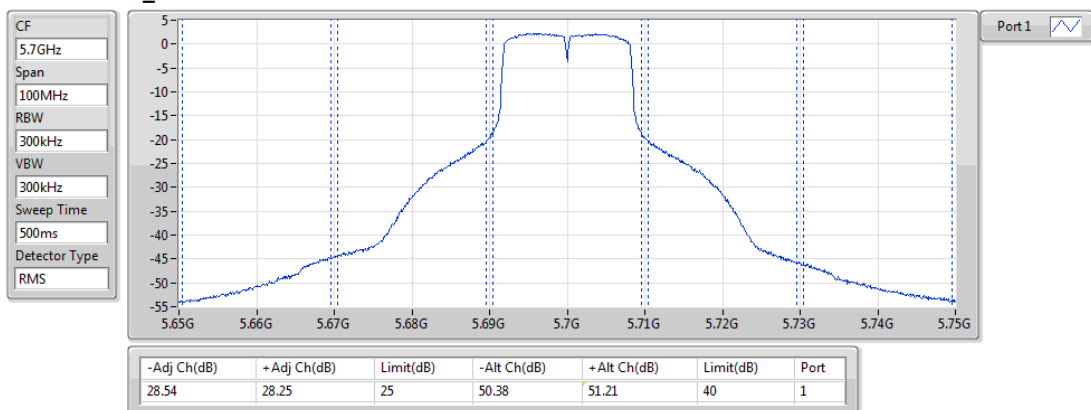
5700MHz\_TnomVmin



802.11a\_Nss1\_1TX

ACLR

5700MHz\_TnomVmax





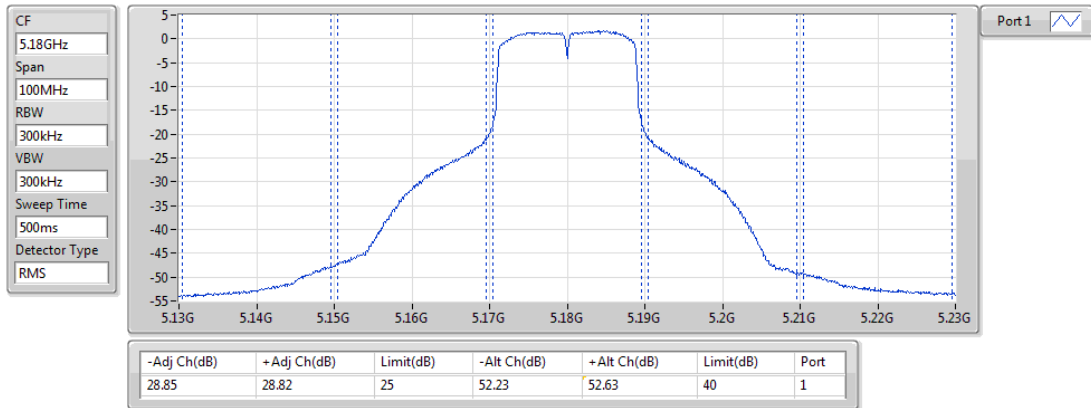
## Adjacent Channel Leakage Power Result

Appendix E

802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

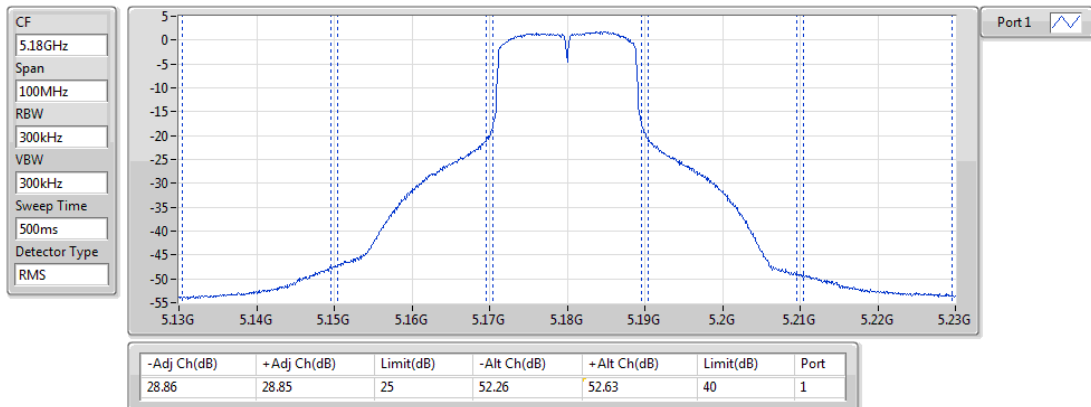
5180MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

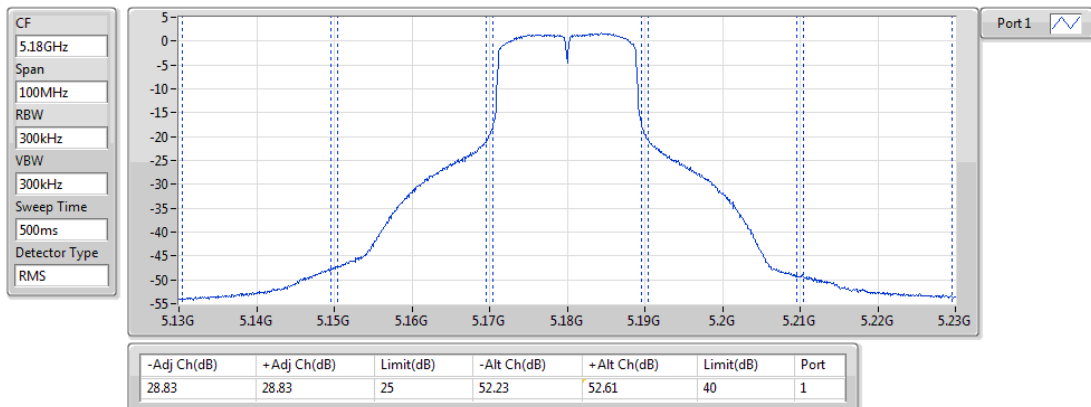
5180MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

5180MHz\_TnomVmax





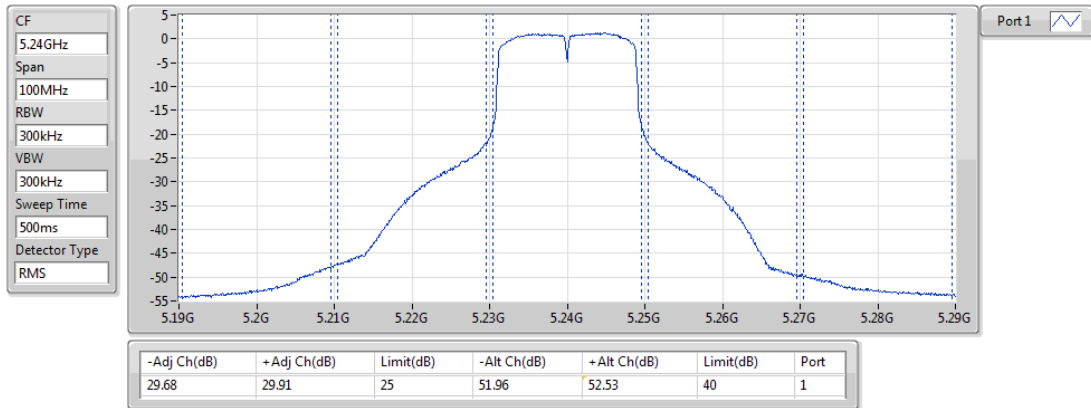
## Adjacent Channel Leakage Power Result

Appendix E

802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

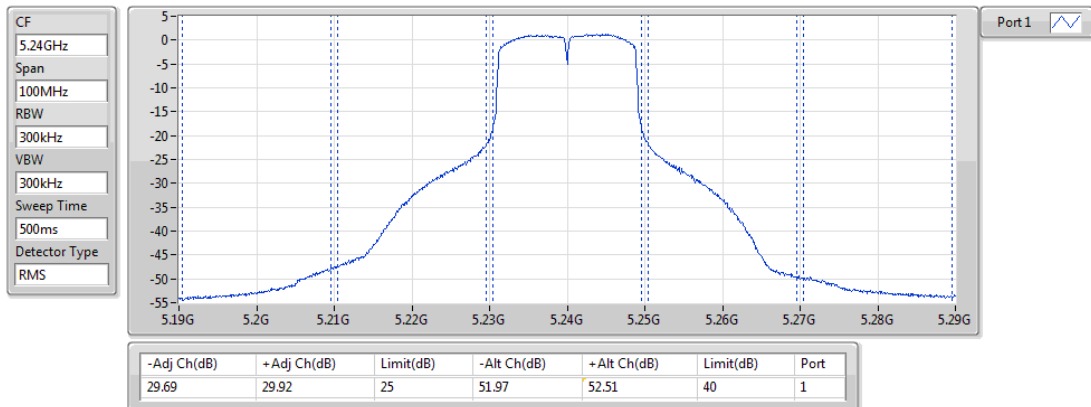
5240MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

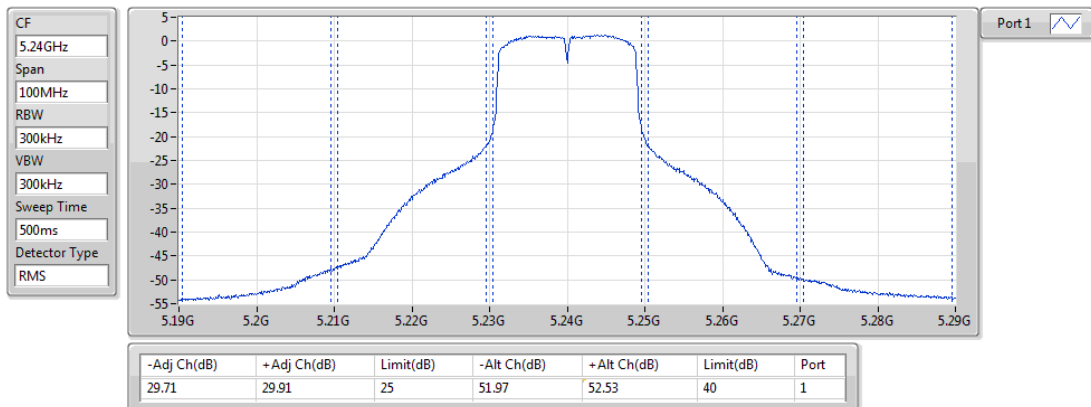
5240MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

5240MHz\_TnomVmax





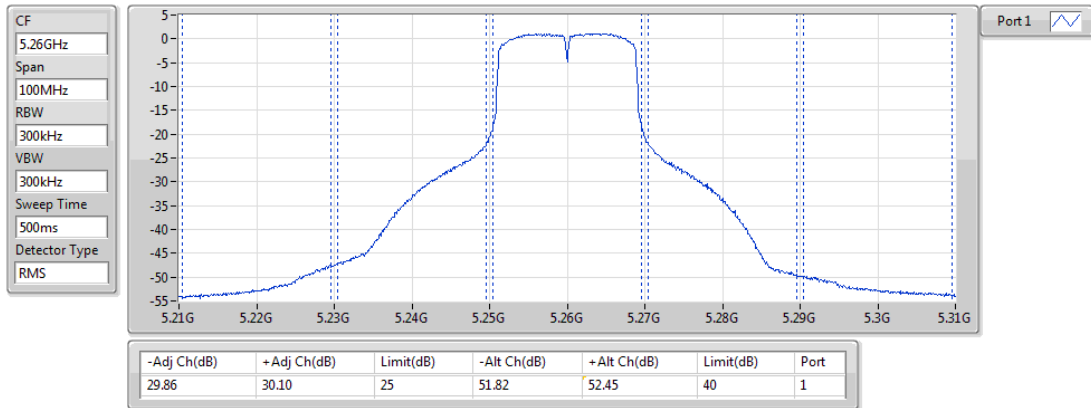
## Adjacent Channel Leakage Power Result

Appendix E

802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

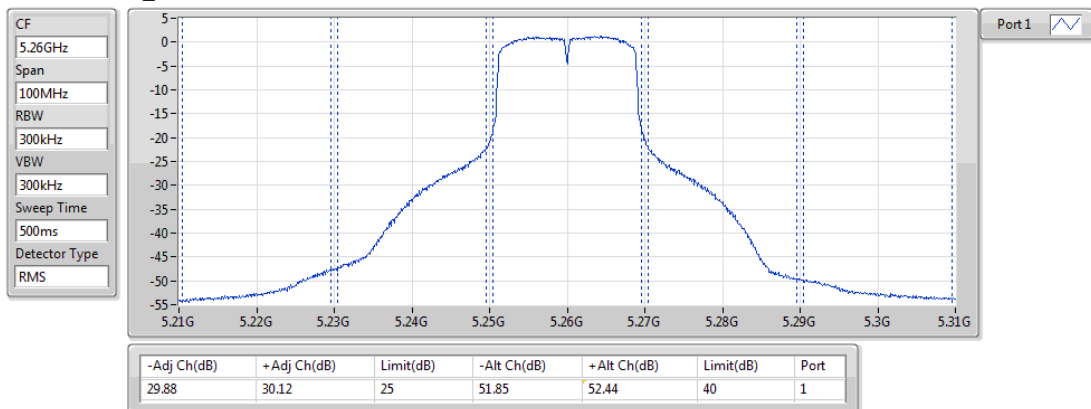
5260MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

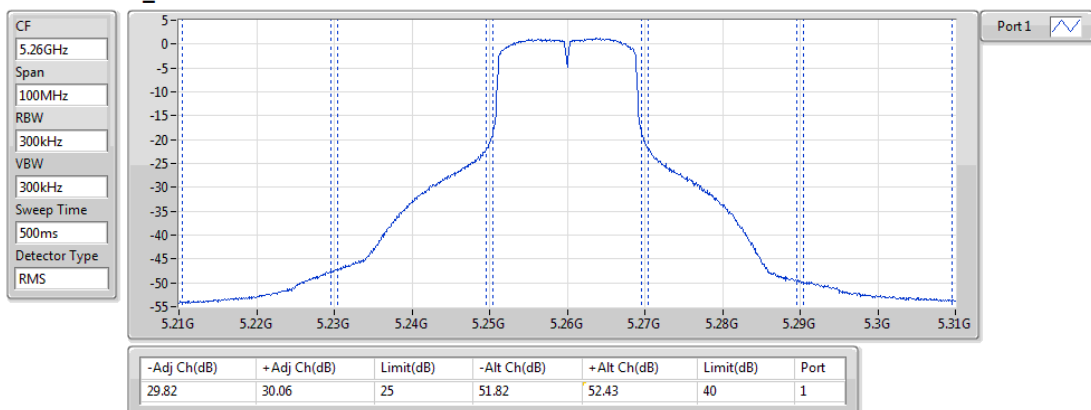
5260MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

5260MHz\_TnomVmax





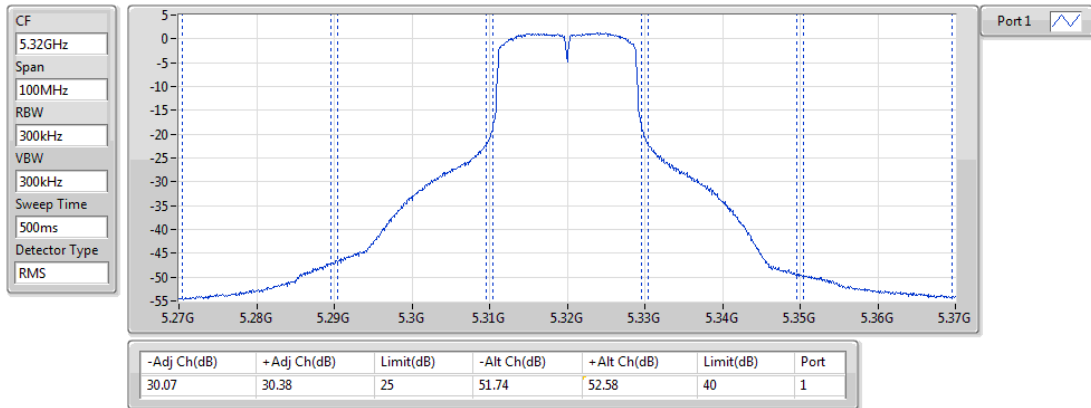
## Adjacent Channel Leakage Power Result

Appendix E

802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

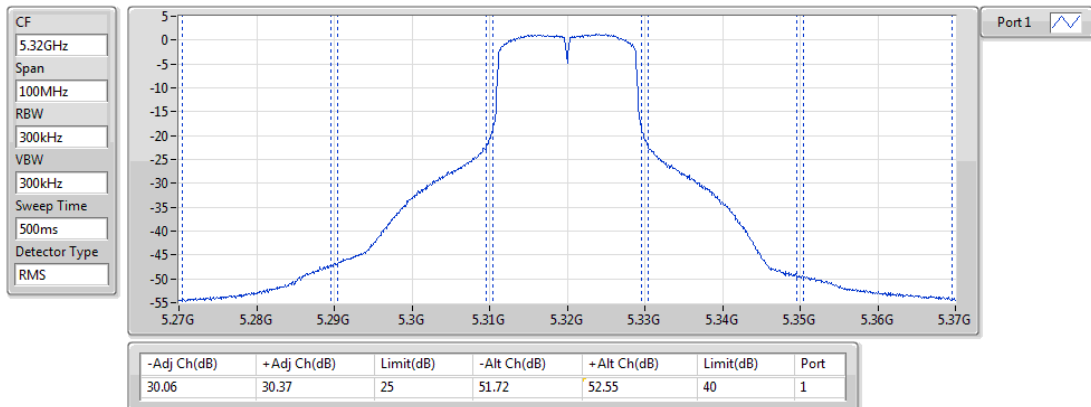
5320MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

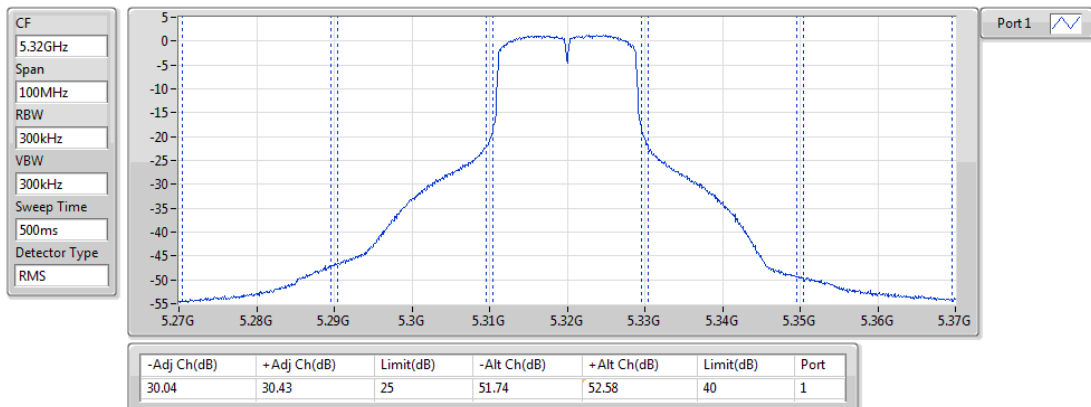
5320MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

5320MHz\_TnomVmax





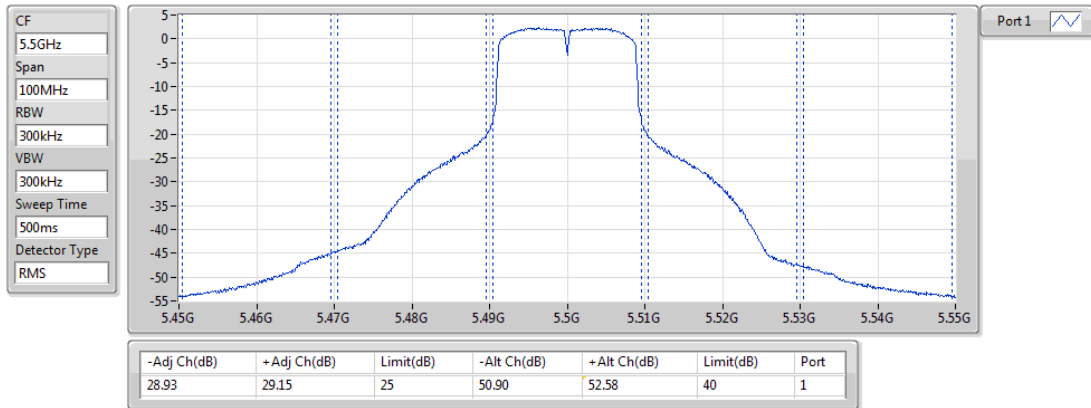
## Adjacent Channel Leakage Power Result

Appendix E

802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

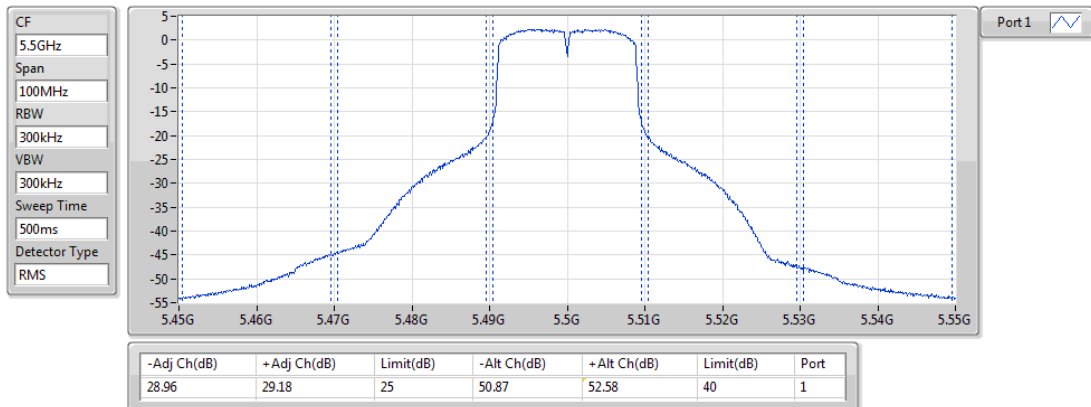
5500MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

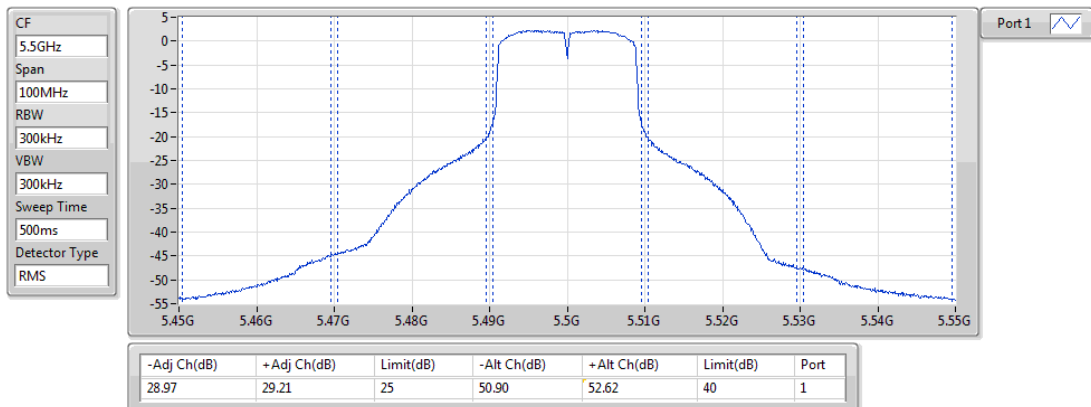
5500MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

5500MHz\_TnomVmax





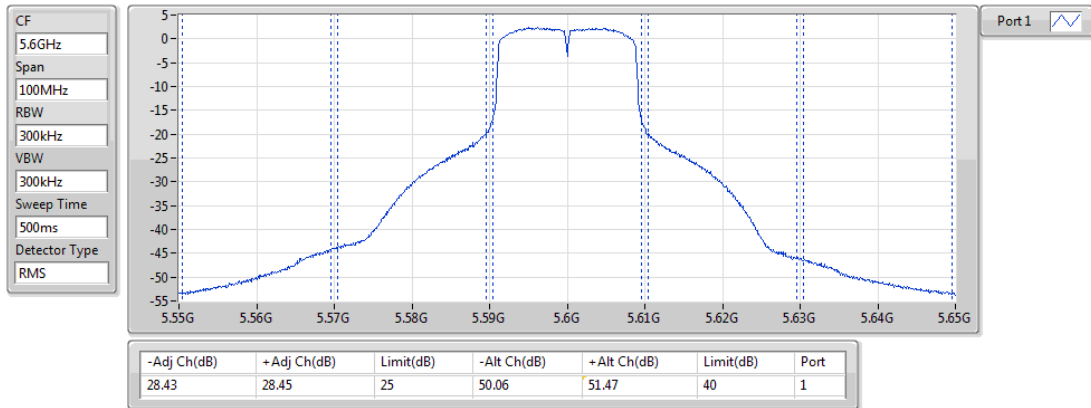
## Adjacent Channel Leakage Power Result

Appendix E

802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

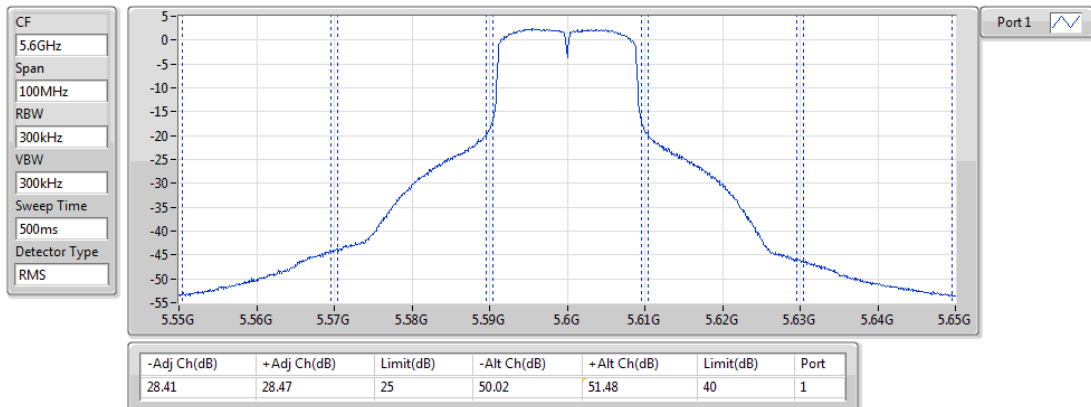
5600MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

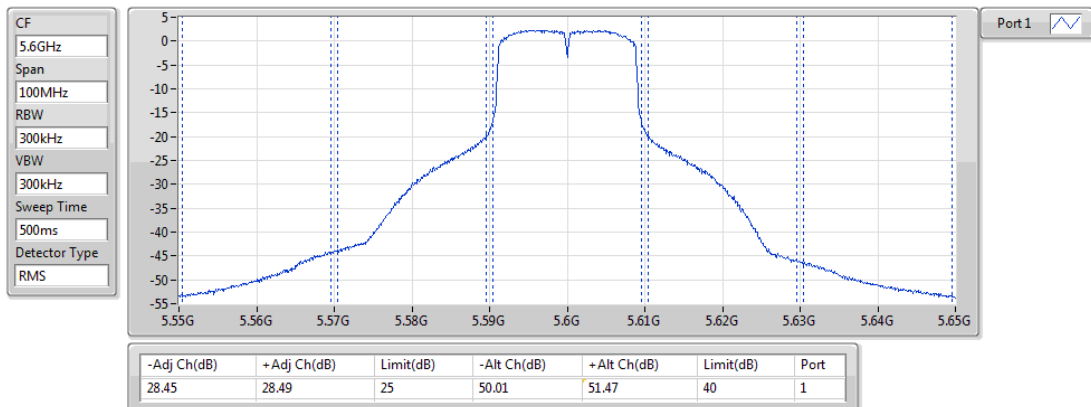
5600MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

5600MHz\_TnomVmax





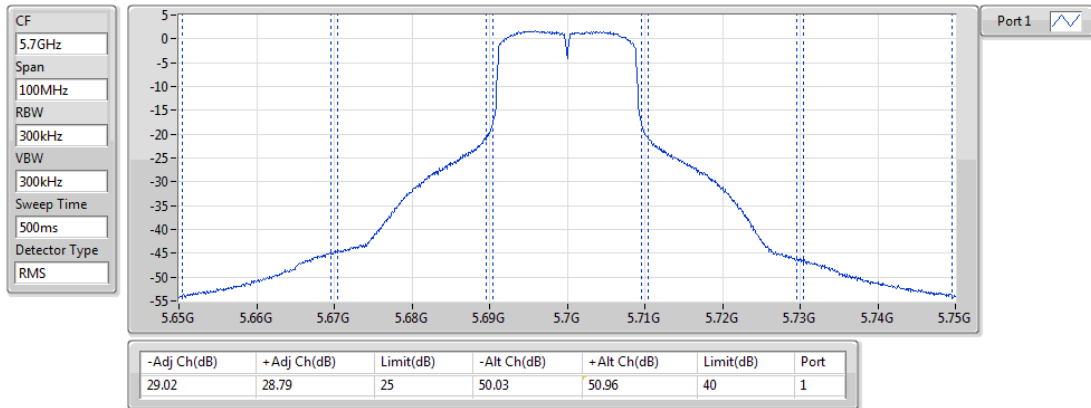
## Adjacent Channel Leakage Power Result

Appendix E

802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

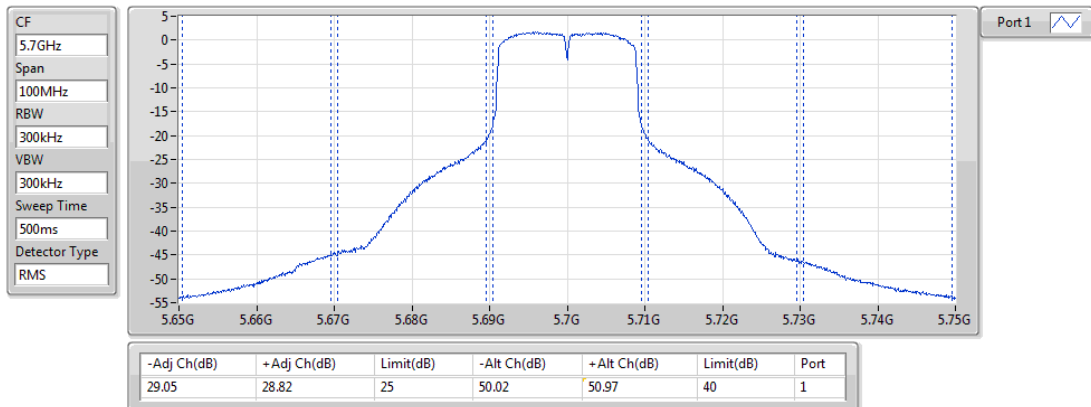
5700MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

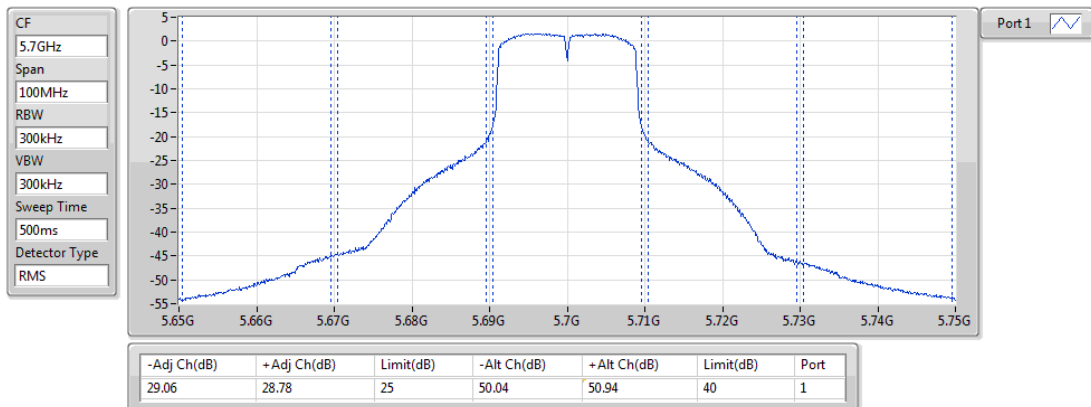
5700MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

ACLR

5700MHz\_TnomVmax





## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

### Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	P1 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.25G	5.251G	1M	5.25098G	-12.77	52.84453	103.75	-2.93	3.90	-16.67	-16.67
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.25G	5.251G	1M	5.25099G	-11.81	65.91739	102.33	-1.91	3.90	-15.71	-15.71
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.249G	5.25G	1M	5.249G	-13.94	40.36454	100.23	-3.95	3.90	-17.84	-17.84
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.24G	5.249G	1M	5.24898G	-12.16	60.8135	99.54	-2.14	3.90	-16.06	-16.06
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	5.725G	5.74G	1M	5.72517G	-31.52	0.70469	12.5	-12.49	4.00	-35.52	-35.52
802.11n HT20_Nss1,(MCS0)_1TX	Pass	5.725G	5.74G	1M	5.72505G	-30.67	0.85704	12.5	-11.64	4.00	-34.67	-34.67

**CSE-TX-EIRP Out-Band Leakage Power Result****Appendix F****Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	P1 (dBm)
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.14G	5.142G	1M	5.14191G	-43.20	0.04786	2.5	-17.18	3.90	-47.10	-47.10
5180MHz_TnomVnom	Pass	5.142G	5.15G	1M	5.14996G	-37.08	0.19588	15	-18.84	3.90	-40.98	-40.98
5180MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.251G	-46.92	0.02032	100	-36.92	3.90	-50.82	-50.82
5180MHz_TnomVnom	Pass	5.251G	5.26G	1M	5.26G	-46.92	0.02032	15.81	-28.91	3.90	-50.82	-50.82
5180MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5.2667G	-47.01	0.01991	2.5	-20.99	3.90	-50.91	-50.91
5180MHz_TnomVnom	Pass	5.2667G	5.36G	1M	5.35636G	-46.44	0.0227	2.5	-20.42	3.90	-50.34	-50.34
5180MHz_TnomVmin	Pass	5.14G	5.142G	1M	5.14156G	-43.40	0.04571	2.5	-17.38	3.90	-47.30	-47.30
5180MHz_TnomVmin	Pass	5.142G	5.15G	1M	5.14983G	-37.30	0.18621	15	-19.06	3.90	-41.20	-41.20
5180MHz_TnomVmin	Pass	5.25G	5.251G	1M	5.251G	-46.94	0.02023	100.23	-36.95	3.90	-50.84	-50.84
5180MHz_TnomVmin	Pass	5.251G	5.26G	1M	5.25996G	-46.82	0.0208	15.92	-28.84	3.90	-50.72	-50.72
5180MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5.26663G	-46.90	0.02042	2.55	-20.97	3.90	-50.80	-50.80
5180MHz_TnomVmin	Pass	5.2667G	5.36G	1M	5.33835G	-46.49	0.02244	2.5	-20.47	3.90	-50.39	-50.39
5180MHz_TnomVmax	Pass	5.14G	5.142G	1M	5.14197G	-43.40	0.04571	2.5	-17.38	3.90	-47.30	-47.30
5180MHz_TnomVmax	Pass	5.142G	5.15G	1M	5.1498G	-37.47	0.17906	15	-19.23	3.90	-41.37	-41.37
5180MHz_TnomVmax	Pass	5.25G	5.251G	1M	5.25099G	-46.89	0.02046	102.33	-36.99	3.90	-50.79	-50.79
5180MHz_TnomVmax	Pass	5.251G	5.26G	1M	5.25998G	-46.92	0.02032	15.85	-28.92	3.90	-50.82	-50.82
5180MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5.26662G	-47.02	0.01986	2.56	-21.10	3.90	-50.92	-50.92
5180MHz_TnomVmax	Pass	5.2667G	5.36G	1M	5.35804G	-46.47	0.02254	2.5	-20.45	3.90	-50.37	-50.37
5240MHz_TnomVnom	Pass	5.14G	5.142G	1M	5.14199G	-48.10	0.01549	2.5	-22.08	3.90	-52.00	-52.00
5240MHz_TnomVnom	Pass	5.142G	5.15G	1M	5.14881G	-48.19	0.01517	15	-29.95	3.90	-52.09	-52.09
5240MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.251G	-13.26	47.2063	100.23	-3.27	3.90	-17.16	-17.16
5240MHz_TnomVnom	Pass	5.251G	5.26G	1M	5.25103G	-12.98	50.35006	99.54	-2.96	3.90	-16.88	-16.88
5240MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5.26005G	-24.85	3.27341	15.56	-6.77	3.90	-28.75	-28.75
5240MHz_TnomVnom	Pass	5.2667G	5.36G	1M	5.2667G	-39.12	0.12246	2.5	-13.10	3.90	-43.02	-43.02
5240MHz_TnomVmin	Pass	5.14G	5.142G	1M	5.14157G	-48.16	0.01528	2.5	-22.14	3.90	-52.06	-52.06
5240MHz_TnomVmin	Pass	5.142G	5.15G	1M	5.14658G	-48.13	0.01538	15	-29.89	3.90	-52.03	-52.03
5240MHz_TnomVmin	Pass	5.25G	5.251G	1M	5.25098G	-12.77	52.84453	103.75	-2.93	3.90	-16.67	-16.67
5240MHz_TnomVmin	Pass	5.251G	5.26G	1M	5.2514G	-13.67	42.95364	92.26	-3.32	3.90	-17.57	-17.57
5240MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5.26017G	-24.96	3.19154	15.07	-6.74	3.90	-28.86	-28.86
5240MHz_TnomVmin	Pass	5.2667G	5.36G	1M	5.26717G	-39.15	0.12162	2.5	-13.13	3.90	-43.05	-43.05
5240MHz_TnomVmax	Pass	5.14G	5.142G	1M	5.14179G	-48.19	0.01517	2.5	-22.17	3.90	-52.09	-52.09
5240MHz_TnomVmax	Pass	5.142G	5.15G	1M	5.14923G	-48.16	0.01528	15	-29.92	3.90	-52.06	-52.06
5240MHz_TnomVmax	Pass	5.25G	5.251G	1M	5.25099G	-13.03	49.77371	101.39	-3.09	3.90	-16.93	-16.93



## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	P1 (dBm)
5240MHz_TnomVmax	Pass	5.251G	5.26G	1M	5.25116G	-13.15	48.41724	96.83	-3.01	3.90	-17.05	-17.05
5240MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5.26G	-24.70	3.38844	15.81	-6.69	3.90	-28.60	-28.60
5240MHz_TnomVmax	Pass	5.2667G	5.36G	1M	5.26735G	-39.17	0.12106	2.5	-13.15	3.90	-43.07	-43.07
5260MHz_TnomVnom	Pass	5.14G	5.2333G	1M	5.2333G	-36.96	0.20137	2.5	-10.94	3.90	-40.86	-40.86
5260MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5.23994G	-25.38	2.89734	15.52	-7.29	3.90	-29.28	-29.28
5260MHz_TnomVnom	Pass	5.24G	5.249G	1M	5.24894G	-14.30	37.15352	98.63	-4.24	3.90	-18.20	-18.20
5260MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.249G	-14.26	37.4973	100	-4.26	3.90	-18.16	-18.16
5260MHz_TnomVnom	Pass	5.35G	5.36G	1M	5.35962G	-48.68	0.01355	2.5	-22.66	3.90	-52.58	-52.58
5260MHz_TnomVmin	Pass	5.14G	5.2333G	1M	5.2333G	-37.10	0.19498	2.5	-11.08	3.90	-41.00	-41.00
5260MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5.23984G	-25.68	2.70396	15.1	-7.47	3.90	-29.58	-29.58
5260MHz_TnomVmin	Pass	5.24G	5.249G	1M	5.24897G	-14.09	38.9942	99.54	-4.07	3.90	-17.99	-17.99
5260MHz_TnomVmin	Pass	5.249G	5.25G	1M	5.24904G	-13.73	42.3643	109.9	-4.14	3.90	-17.63	-17.63
5260MHz_TnomVmin	Pass	5.35G	5.36G	1M	5.3586G	-48.71	0.01346	2.5	-22.69	3.90	-52.61	-52.61
5260MHz_TnomVmax	Pass	5.14G	5.2333G	1M	5.23321G	-37.32	0.18535	2.5	-11.30	3.90	-41.22	-41.22
5260MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5.2399G	-25.42	2.87078	15.38	-7.29	3.90	-29.32	-29.32
5260MHz_TnomVmax	Pass	5.24G	5.249G	1M	5.24891G	-14.17	38.28247	98.17	-4.09	3.90	-18.07	-18.07
5260MHz_TnomVmax	Pass	5.249G	5.25G	1M	5.249G	-13.94	40.36454	100.23	-3.95	3.90	-17.84	-17.84
5260MHz_TnomVmax	Pass	5.35G	5.36G	1M	5.35942G	-48.71	0.01346	2.5	-22.69	3.90	-52.61	-52.61
5320MHz_TnomVnom	Pass	5.14G	5.2333G	1M	5.16547G	-48.56	0.01393	2.5	-22.54	3.90	-52.46	-52.46
5320MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5.23333G	-48.72	0.01343	2.52	-22.74	3.90	-52.62	-52.62
5320MHz_TnomVnom	Pass	5.24G	5.249G	1M	5.24005G	-48.87	0.01297	15.96	-30.90	3.90	-52.77	-52.77
5320MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.24901G	-48.91	0.01285	101.16	-38.96	3.90	-52.81	-52.81
5320MHz_TnomVnom	Pass	5.35G	5.36G	1M	5.35039G	-40.00	0.1	2.5	-13.98	3.90	-43.90	-43.90
5320MHz_TnomVmin	Pass	5.14G	5.2333G	1M	5.16547G	-48.56	0.01393	2.5	-22.54	3.90	-52.46	-52.46
5320MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5.23332G	-48.81	0.01315	2.51	-22.81	3.90	-52.71	-52.71
5320MHz_TnomVmin	Pass	5.24G	5.249G	1M	5.24011G	-48.65	0.01365	16.14	-30.73	3.90	-52.55	-52.55
5320MHz_TnomVmin	Pass	5.249G	5.25G	1M	5.249G	-48.96	0.01271	100	-38.96	3.90	-52.86	-52.86
5320MHz_TnomVmin	Pass	5.35G	5.36G	1M	5.35004G	-39.96	0.10093	2.5	-13.94	3.90	-43.86	-43.86
5320MHz_TnomVmax	Pass	5.14G	5.2333G	1M	5.16594G	-48.53	0.01403	2.5	-22.51	3.90	-52.43	-52.43
5320MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5.23332G	-48.76	0.0133	2.51	-22.76	3.90	-52.66	-52.66
5320MHz_TnomVmax	Pass	5.24G	5.249G	1M	5.24011G	-48.56	0.01393	16.14	-30.64	3.90	-52.46	-52.46
5320MHz_TnomVmax	Pass	5.249G	5.25G	1M	5.249G	-48.85	0.01303	100.46	-38.87	3.90	-52.75	-52.75
5320MHz_TnomVmax	Pass	5.35G	5.36G	1M	5.35111G	-39.87	0.10304	2.5	-13.85	3.90	-43.77	-43.77
5500MHz_TnomVnom	Pass	5.455G	5.46G	1M	5.45993G	-41.26	0.07482	2.5	-15.24	4.00	-45.26	-45.26
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46997G	-34.14	0.38548	12.5	-15.11	4.00	-38.14	-38.14



## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	P1 (dBm)
5500MHz_TnomVnom	Pass	5.725G	5.74G	1M	5.72979G	-48.81	0.01315	12.5	-29.78	4.00	-52.81	-52.81
5500MHz_TnomVnom	Pass	5.74G	5.745G	1M	5.74368G	-48.96	0.01271	2.5	-22.94	4.00	-52.96	-52.96
5500MHz_TnomVmin	Pass	5.455G	5.46G	1M	5.45995G	-41.38	0.07278	2.5	-15.36	4.00	-45.38	-45.38
5500MHz_TnomVmin	Pass	5.46G	5.47G	1M	5.46994G	-34.08	0.39084	12.5	-15.05	4.00	-38.08	-38.08
5500MHz_TnomVmin	Pass	5.725G	5.74G	1M	5.73534G	-48.89	0.01291	12.5	-29.86	4.00	-52.89	-52.89
5500MHz_TnomVmin	Pass	5.74G	5.745G	1M	5.74282G	-48.82	0.01312	2.5	-22.80	4.00	-52.82	-52.82
5500MHz_TnomVmax	Pass	5.455G	5.46G	1M	5.45997G	-41.43	0.07194	2.5	-15.41	4.00	-45.43	-45.43
5500MHz_TnomVmax	Pass	5.46G	5.47G	1M	5.46993G	-34.30	0.37154	12.5	-15.27	4.00	-38.30	-38.30
5500MHz_TnomVmax	Pass	5.725G	5.74G	1M	5.73049G	-48.86	0.013	12.5	-29.83	4.00	-52.86	-52.86
5500MHz_TnomVmax	Pass	5.74G	5.745G	1M	5.74268G	-48.99	0.01262	2.5	-22.97	4.00	-52.99	-52.99
5600MHz_TnomVnom	Pass	5.455G	5.46G	1M	5.45713G	-46.76	0.02109	2.5	-20.74	4.00	-50.76	-50.76
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46711G	-46.78	0.02099	12.5	-27.75	4.00	-50.78	-50.78
5600MHz_TnomVnom	Pass	5.725G	5.74G	1M	5.72859G	-48.33	0.01469	12.5	-29.30	4.00	-52.33	-52.33
5600MHz_TnomVnom	Pass	5.74G	5.745G	1M	5.74399G	-48.23	0.01503	2.5	-22.21	4.00	-52.23	-52.23
5600MHz_TnomVmin	Pass	5.455G	5.46G	1M	5.45993G	-46.73	0.02123	2.5	-20.71	4.00	-50.73	-50.73
5600MHz_TnomVmin	Pass	5.46G	5.47G	1M	5.46351G	-46.74	0.02118	12.5	-27.71	4.00	-50.74	-50.74
5600MHz_TnomVmin	Pass	5.725G	5.74G	1M	5.72907G	-48.24	0.015	12.5	-29.21	4.00	-52.24	-52.24
5600MHz_TnomVmin	Pass	5.74G	5.745G	1M	5.74006G	-48.27	0.01489	2.5	-22.25	4.00	-52.27	-52.27
5600MHz_TnomVmax	Pass	5.455G	5.46G	1M	5.45961G	-46.77	0.02104	2.5	-20.75	4.00	-50.77	-50.77
5600MHz_TnomVmax	Pass	5.46G	5.47G	1M	5.46416G	-46.86	0.02061	12.5	-27.83	4.00	-50.86	-50.86
5600MHz_TnomVmax	Pass	5.725G	5.74G	1M	5.73441G	-48.31	0.01476	12.5	-29.28	4.00	-52.31	-52.31
5600MHz_TnomVmax	Pass	5.74G	5.745G	1M	5.74003G	-48.35	0.01462	2.5	-22.33	4.00	-52.35	-52.35
5700MHz_TnomVnom	Pass	5.455G	5.46G	1M	5.45987G	-46.36	0.02312	2.5	-20.34	4.00	-50.36	-50.36
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46059G	-46.49	0.02244	12.5	-27.46	4.00	-50.49	-50.49
5700MHz_TnomVnom	Pass	5.725G	5.74G	1M	5.72526G	-31.72	0.67298	12.5	-12.69	4.00	-35.72	-35.72
5700MHz_TnomVnom	Pass	5.74G	5.745G	1M	5.7403G	-40.92	0.08091	2.5	-14.90	4.00	-44.92	-44.92
5700MHz_TnomVmin	Pass	5.455G	5.46G	1M	5.45997G	-46.34	0.02323	2.5	-20.32	4.00	-50.34	-50.34
5700MHz_TnomVmin	Pass	5.46G	5.47G	1M	5.46284G	-46.51	0.02234	12.5	-27.48	4.00	-50.51	-50.51
5700MHz_TnomVmin	Pass	5.725G	5.74G	1M	5.72502G	-31.63	0.68707	12.5	-12.60	4.00	-35.63	-35.63
5700MHz_TnomVmin	Pass	5.74G	5.745G	1M	5.74004G	-40.97	0.07998	2.5	-14.95	4.00	-44.97	-44.97
5700MHz_TnomVmax	Pass	5.455G	5.46G	1M	5.45544G	-46.41	0.02286	2.5	-20.39	4.00	-50.41	-50.41
5700MHz_TnomVmax	Pass	5.46G	5.47G	1M	5.46313G	-46.50	0.02239	12.5	-27.47	4.00	-50.50	-50.50
5700MHz_TnomVmax	Pass	5.725G	5.74G	1M	5.72517G	-31.52	0.70469	12.5	-12.49	4.00	-35.52	-35.52
5700MHz_TnomVmax	Pass	5.74G	5.745G	1M	5.74013G	-40.94	0.08054	2.5	-14.92	4.00	-44.94	-44.94
802.11n	-	-	-	-	-	-	-	-	-	-	-	-



## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	P1 (dBm)
HT20_Nss1,(MCS0)_1TX												
5180MHz_TnomVnom	Pass	5.135G	5.142G	1M	5.14171G	-43.44	0.04529	2.5	-17.42	3.90	-47.34	-47.34
5180MHz_TnomVnom	Pass	5.142G	5.15G	1M	5.14997G	-37.82	0.1652	15	-19.58	3.90	-41.72	-41.72
5180MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.251G	-47.00	0.01995	100.46	-37.02	3.90	-50.90	-50.90
5180MHz_TnomVnom	Pass	5.251G	5.26G	1M	5.25996G	-47.09	0.01954	15.92	-29.11	3.90	-50.99	-50.99
5180MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5.26667G	-47.04	0.01977	2.52	-21.05	3.90	-50.94	-50.94
5180MHz_TnomVnom	Pass	5.2667G	5.365G	1M	5.35723G	-46.71	0.02133	2.5	-20.69	3.90	-50.61	-50.61
5180MHz_TnomVmin	Pass	5.135G	5.142G	1M	5.14198G	-43.59	0.04375	2.5	-17.57	3.90	-47.49	-47.49
5180MHz_TnomVmin	Pass	5.142G	5.15G	1M	5.1499G	-37.83	0.16482	15	-19.59	3.90	-41.73	-41.73
5180MHz_TnomVmin	Pass	5.25G	5.251G	1M	5.251G	-46.96	0.02014	100.93	-37.00	3.90	-50.86	-50.86
5180MHz_TnomVmin	Pass	5.251G	5.26G	1M	5.25996G	-46.90	0.02042	15.92	-28.92	3.90	-50.80	-50.80
5180MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5.26665G	-47.17	0.01919	2.54	-21.21	3.90	-51.07	-51.07
5180MHz_TnomVmin	Pass	5.2667G	5.365G	1M	5.34524G	-46.55	0.02213	2.5	-20.53	3.90	-50.45	-50.45
5180MHz_TnomVmax	Pass	5.135G	5.142G	1M	5.14188G	-43.65	0.04315	2.5	-17.63	3.90	-47.55	-47.55
5180MHz_TnomVmax	Pass	5.142G	5.15G	1M	5.14995G	-37.54	0.1762	15	-19.30	3.90	-41.44	-41.44
5180MHz_TnomVmax	Pass	5.25G	5.251G	1M	5.251G	-47.05	0.01972	101.16	-37.10	3.90	-50.95	-50.95
5180MHz_TnomVmax	Pass	5.251G	5.26G	1M	5.25996G	-47.16	0.01923	15.92	-29.18	3.90	-51.06	-51.06
5180MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5.26661G	-47.03	0.01982	2.56	-21.11	3.90	-50.93	-50.93
5180MHz_TnomVmax	Pass	5.2667G	5.365G	1M	5.34111G	-46.68	0.02148	2.5	-20.66	3.90	-50.58	-50.58
5240MHz_TnomVnom	Pass	5.135G	5.142G	1M	5.14045G	-48.31	0.01476	2.5	-22.29	3.90	-52.21	-52.21
5240MHz_TnomVnom	Pass	5.142G	5.15G	1M	5.14788G	-48.25	0.01496	15	-30.01	3.90	-52.15	-52.15
5240MHz_TnomVnom	Pass	5.25G	5.251G	1M	5.25099G	-11.81	65.91739	102.33	-1.91	3.90	-15.71	-15.71
5240MHz_TnomVnom	Pass	5.251G	5.26G	1M	5.25105G	-12.21	60.11737	98.86	-2.16	3.90	-16.11	-16.11
5240MHz_TnomVnom	Pass	5.26G	5.2667G	1M	5.26034G	-22.63	5.45758	14.42	-4.22	3.90	-26.53	-26.53
5240MHz_TnomVnom	Pass	5.2667G	5.365G	1M	5.2669G	-38.40	0.14454	2.5	-12.38	3.90	-42.30	-42.30
5240MHz_TnomVmin	Pass	5.135G	5.142G	1M	5.13751G	-48.29	0.01483	2.5	-22.27	3.90	-52.19	-52.19
5240MHz_TnomVmin	Pass	5.142G	5.15G	1M	5.14364G	-48.24	0.015	15	-30.00	3.90	-52.14	-52.14
5240MHz_TnomVmin	Pass	5.25G	5.251G	1M	5.25099G	-11.89	64.71426	102.8	-2.01	3.90	-15.79	-15.79
5240MHz_TnomVmin	Pass	5.251G	5.26G	1M	5.25132G	-12.44	57.01643	93.76	-2.16	3.90	-16.34	-16.34
5240MHz_TnomVmin	Pass	5.26G	5.2667G	1M	5.26033G	-22.50	5.62341	14.42	-4.09	3.90	-26.40	-26.40
5240MHz_TnomVmin	Pass	5.2667G	5.365G	1M	5.26729G	-38.24	0.14997	2.5	-12.22	3.90	-42.14	-42.14
5240MHz_TnomVmax	Pass	5.135G	5.142G	1M	5.139G	-48.27	0.01489	2.5	-22.25	3.90	-52.17	-52.17
5240MHz_TnomVmax	Pass	5.142G	5.15G	1M	5.14922G	-48.15	0.01531	15	-29.91	3.90	-52.05	-52.05
5240MHz_TnomVmax	Pass	5.25G	5.251G	1M	5.251G	-12.19	60.39486	101.16	-2.24	3.90	-16.09	-16.09
5240MHz_TnomVmax	Pass	5.251G	5.26G	1M	5.251G	-12.19	60.39486	100	-2.19	3.90	-16.09	-16.09



## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	P1 (dBm)
5240MHz_TnomVmax	Pass	5.26G	5.2667G	1M	5.26015G	-22.62	5.47016	15.17	-4.43	3.90	-26.52	-26.52
5240MHz_TnomVmax	Pass	5.2667G	5.365G	1M	5.2669G	-38.16	0.15276	2.5	-12.14	3.90	-42.06	-42.06
5260MHz_TnomVnom	Pass	5.135G	5.2333G	1M	5.2333G	-34.88	0.32509	2.5	-8.86	3.90	-38.78	-38.78
5260MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5.23978G	-22.20	6.0256	14.86	-3.92	3.90	-26.10	-26.10
5260MHz_TnomVnom	Pass	5.24G	5.249G	1M	5.24887G	-12.26	59.42922	97.5	-2.15	3.90	-16.16	-16.16
5260MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.24901G	-12.15	60.95369	102.33	-2.25	3.90	-16.05	-16.05
5260MHz_TnomVnom	Pass	5.35G	5.365G	1M	5.36304G	-47.15	0.01928	2.5	-21.13	3.90	-51.05	-51.05
5260MHz_TnomVmin	Pass	5.135G	5.2333G	1M	5.2332G	-35.29	0.2958	2.5	-9.27	3.90	-39.19	-39.19
5260MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5.23975G	-22.19	6.03949	14.76	-3.88	3.90	-26.09	-26.09
5260MHz_TnomVmin	Pass	5.24G	5.249G	1M	5.24898G	-12.44	57.01643	99.54	-2.42	3.90	-16.34	-16.34
5260MHz_TnomVmin	Pass	5.249G	5.25G	1M	5.24901G	-12.05	62.37348	102.33	-2.15	3.90	-15.95	-15.95
5260MHz_TnomVmin	Pass	5.35G	5.365G	1M	5.35546G	-47.19	0.0191	2.5	-21.17	3.90	-51.09	-51.09
5260MHz_TnomVmax	Pass	5.135G	5.2333G	1M	5.2333G	-35.22	0.30061	2.5	-9.20	3.90	-39.12	-39.12
5260MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5.23999G	-21.89	6.47143	15.74	-3.86	3.90	-25.79	-25.79
5260MHz_TnomVmax	Pass	5.24G	5.249G	1M	5.24898G	-12.16	60.8135	99.54	-2.14	3.90	-16.06	-16.06
5260MHz_TnomVmax	Pass	5.249G	5.25G	1M	5.24902G	-12.12	61.3762	103.75	-2.28	3.90	-16.02	-16.02
5260MHz_TnomVmax	Pass	5.35G	5.365G	1M	5.35711G	-47.21	0.01901	2.5	-21.19	3.90	-51.11	-51.11
5320MHz_TnomVnom	Pass	5.135G	5.2333G	1M	5.16655G	-48.57	0.0139	2.5	-22.55	3.90	-52.47	-52.47
5320MHz_TnomVnom	Pass	5.2333G	5.24G	1M	5.23334G	-48.85	0.01303	2.53	-22.88	3.90	-52.75	-52.75
5320MHz_TnomVnom	Pass	5.24G	5.249G	1M	5.24001G	-48.79	0.01321	15.81	-30.78	3.90	-52.69	-52.69
5320MHz_TnomVnom	Pass	5.249G	5.25G	1M	5.24902G	-48.87	0.01297	103.51	-39.02	3.90	-52.77	-52.77
5320MHz_TnomVnom	Pass	5.35G	5.365G	1M	5.35005G	-39.23	0.1194	2.5	-13.21	3.90	-43.13	-43.13
5320MHz_TnomVmin	Pass	5.135G	5.2333G	1M	5.16547G	-48.52	0.01406	2.5	-22.50	3.90	-52.42	-52.42
5320MHz_TnomVmin	Pass	5.2333G	5.24G	1M	5.23336G	-48.72	0.01343	2.54	-22.77	3.90	-52.62	-52.62
5320MHz_TnomVmin	Pass	5.24G	5.249G	1M	5.2401G	-48.85	0.01303	16.11	-30.92	3.90	-52.75	-52.75
5320MHz_TnomVmin	Pass	5.249G	5.25G	1M	5.249G	-48.94	0.01276	100.23	-38.95	3.90	-52.84	-52.84
5320MHz_TnomVmin	Pass	5.35G	5.365G	1M	5.35042G	-39.46	0.11324	2.5	-13.44	3.90	-43.36	-43.36
5320MHz_TnomVmax	Pass	5.135G	5.2333G	1M	5.16223G	-48.55	0.01396	2.5	-22.53	3.90	-52.45	-52.45
5320MHz_TnomVmax	Pass	5.2333G	5.24G	1M	5.23346G	-48.75	0.01334	2.61	-22.92	3.90	-52.65	-52.65
5320MHz_TnomVmax	Pass	5.24G	5.249G	1M	5.24005G	-48.80	0.01318	15.96	-30.83	3.90	-52.70	-52.70
5320MHz_TnomVmax	Pass	5.249G	5.25G	1M	5.24901G	-48.79	0.01321	102.09	-38.88	3.90	-52.69	-52.69
5320MHz_TnomVmax	Pass	5.35G	5.365G	1M	5.35036G	-39.20	0.12023	2.5	-13.18	3.90	-43.10	-43.10
5500MHz_TnomVnom	Pass	5.455G	5.46G	1M	5.45969G	-41.37	0.07295	2.5	-15.35	4.00	-45.37	-45.37
5500MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46989G	-34.36	0.36644	12.5	-15.33	4.00	-38.36	-38.36
5500MHz_TnomVnom	Pass	5.725G	5.74G	1M	5.73003G	-48.79	0.01321	12.5	-29.76	4.00	-52.79	-52.79



## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	EIRP (dBm)	EIRP (uW/MHz)	Limit (uW/MHz)	Margin (dB)	DG (dBi)	Psum (dBm)	P1 (dBm)
5500MHz_TnomVnom	Pass	5.74G	5.745G	1M	5.74464G	-48.92	0.01282	2.5	-22.90	4.00	-52.92	-52.92
5500MHz_TnomVmin	Pass	5.455G	5.46G	1M	5.45997G	-41.46	0.07145	2.5	-15.44	4.00	-45.46	-45.46
5500MHz_TnomVmin	Pass	5.46G	5.47G	1M	5.46988G	-34.46	0.3581	12.5	-15.43	4.00	-38.46	-38.46
5500MHz_TnomVmin	Pass	5.725G	5.74G	1M	5.73532G	-48.85	0.01303	12.5	-29.82	4.00	-52.85	-52.85
5500MHz_TnomVmin	Pass	5.74G	5.745G	1M	5.74482G	-48.82	0.01312	2.5	-22.80	4.00	-52.82	-52.82
5500MHz_TnomVmax	Pass	5.455G	5.46G	1M	5.45978G	-41.44	0.07178	2.5	-15.42	4.00	-45.44	-45.44
5500MHz_TnomVmax	Pass	5.46G	5.47G	1M	5.46956G	-34.41	0.36224	12.5	-15.38	4.00	-38.41	-38.41
5500MHz_TnomVmax	Pass	5.725G	5.74G	1M	5.73576G	-48.89	0.01291	12.5	-29.86	4.00	-52.89	-52.89
5500MHz_TnomVmax	Pass	5.74G	5.745G	1M	5.74448G	-48.91	0.01285	2.5	-22.89	4.00	-52.91	-52.91
5600MHz_TnomVnom	Pass	5.455G	5.46G	1M	5.45637G	-46.57	0.02203	2.5	-20.55	4.00	-50.57	-50.57
5600MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46005G	-46.69	0.02143	12.5	-27.66	4.00	-50.69	-50.69
5600MHz_TnomVnom	Pass	5.725G	5.74G	1M	5.73669G	-48.18	0.01521	12.5	-29.15	4.00	-52.18	-52.18
5600MHz_TnomVnom	Pass	5.74G	5.745G	1M	5.74451G	-48.23	0.01503	2.5	-22.21	4.00	-52.23	-52.23
5600MHz_TnomVmin	Pass	5.455G	5.46G	1M	5.45883G	-46.70	0.02138	2.5	-20.68	4.00	-50.70	-50.70
5600MHz_TnomVmin	Pass	5.46G	5.47G	1M	5.46249G	-46.70	0.02138	12.5	-27.67	4.00	-50.70	-50.70
5600MHz_TnomVmin	Pass	5.725G	5.74G	1M	5.73532G	-48.17	0.01524	12.5	-29.14	4.00	-52.17	-52.17
5600MHz_TnomVmin	Pass	5.74G	5.745G	1M	5.74375G	-48.29	0.01483	2.5	-22.27	4.00	-52.29	-52.29
5600MHz_TnomVmax	Pass	5.455G	5.46G	1M	5.45654G	-46.55	0.02213	2.5	-20.53	4.00	-50.55	-50.55
5600MHz_TnomVmax	Pass	5.46G	5.47G	1M	5.46007G	-46.77	0.02104	12.5	-27.74	4.00	-50.77	-50.77
5600MHz_TnomVmax	Pass	5.725G	5.74G	1M	5.73427G	-48.16	0.01528	12.5	-29.13	4.00	-52.16	-52.16
5600MHz_TnomVmax	Pass	5.74G	5.745G	1M	5.7425G	-48.24	0.015	2.5	-22.22	4.00	-52.24	-52.24
5700MHz_TnomVnom	Pass	5.455G	5.46G	1M	5.4587G	-46.39	0.02296	2.5	-20.37	4.00	-50.39	-50.39
5700MHz_TnomVnom	Pass	5.46G	5.47G	1M	5.46408G	-46.39	0.02296	12.5	-27.36	4.00	-50.39	-50.39
5700MHz_TnomVnom	Pass	5.725G	5.74G	1M	5.72515G	-31.05	0.78524	12.5	-12.02	4.00	-35.05	-35.05
5700MHz_TnomVnom	Pass	5.74G	5.745G	1M	5.74016G	-40.86	0.08204	2.5	-14.84	4.00	-44.86	-44.86
5700MHz_TnomVmin	Pass	5.455G	5.46G	1M	5.45734G	-46.35	0.02317	2.5	-20.33	4.00	-50.35	-50.35
5700MHz_TnomVmin	Pass	5.46G	5.47G	1M	5.46032G	-46.44	0.0227	12.5	-27.41	4.00	-50.44	-50.44
5700MHz_TnomVmin	Pass	5.725G	5.74G	1M	5.72503G	-30.90	0.81283	12.5	-11.87	4.00	-34.90	-34.90
5700MHz_TnomVmin	Pass	5.74G	5.745G	1M	5.74023G	-40.93	0.08072	2.5	-14.91	4.00	-44.93	-44.93
5700MHz_TnomVmax	Pass	5.455G	5.46G	1M	5.45505G	-46.32	0.02333	2.5	-20.30	4.00	-50.32	-50.32
5700MHz_TnomVmax	Pass	5.46G	5.47G	1M	5.46381G	-46.39	0.02296	12.5	-27.36	4.00	-50.39	-50.39
5700MHz_TnomVmax	Pass	5.725G	5.74G	1M	5.72505G	-30.67	0.85704	12.5	-11.64	4.00	-34.67	-34.67
5700MHz_TnomVmax	Pass	5.74G	5.745G	1M	5.74013G	-40.96	0.08017	2.5	-14.94	4.00	-44.96	-44.96



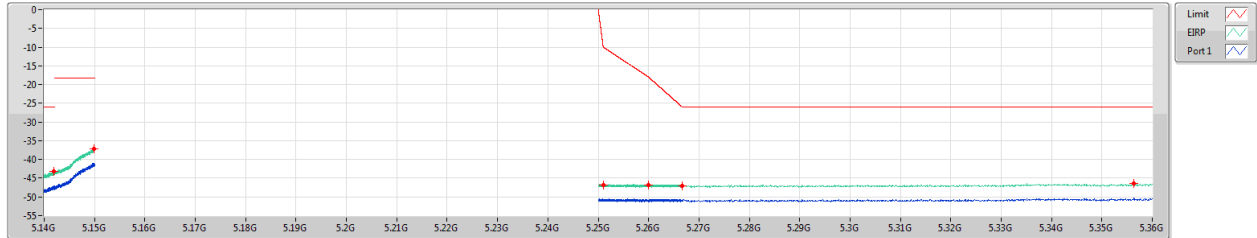
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5180MHz\_TnomVnom

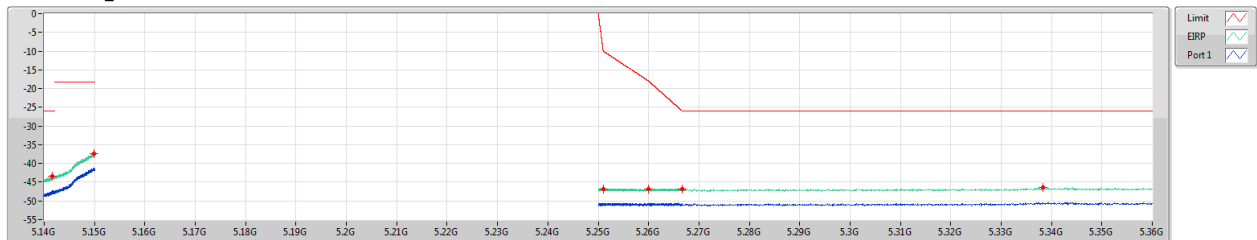


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.142G	5.14191G	-43.20	-26.02	-17.18	3.90	-47.10	-47.10
5.142G	5.15G	5.14996G	-37.08	-18.24	-18.84	3.90	-40.98	-40.98
5.25G	5.251G	5.251G	-46.92	-10.00	-36.92	3.90	-50.82	-50.82
5.251G	5.26G	5.26G	-46.92	-18.01	-28.91	3.90	-50.82	-50.82
5.26G	5.2667G	5.2667G	-47.01	-26.02	-20.99	3.90	-50.91	-50.91
5.2667G	5.36G	5.35636G	-46.44	-26.02	-20.42	3.90	-50.34	-50.34

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5180MHz\_TnomVmin

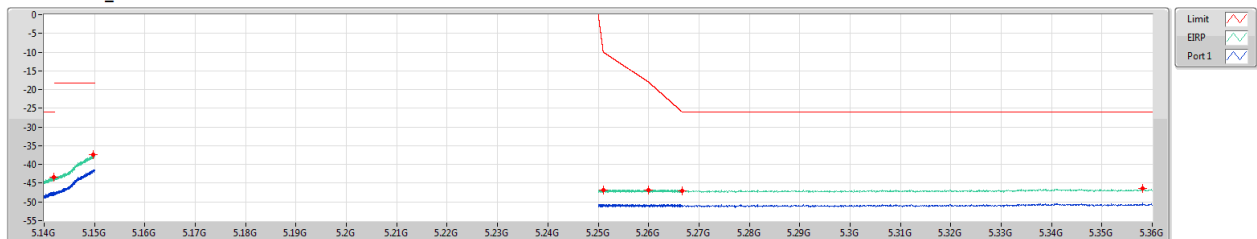


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.142G	5.14196G	-43.40	-26.02	-17.38	3.90	-47.30	-47.30
5.142G	5.15G	5.14983G	-37.30	-18.24	-19.06	3.90	-41.20	-41.20
5.25G	5.251G	5.251G	-46.94	-9.99	-36.95	3.90	-50.84	-50.84
5.251G	5.26G	5.25996G	-46.82	-17.98	-28.84	3.90	-50.72	-50.72
5.26G	5.2667G	5.26663G	-46.90	-25.93	-20.97	3.90	-50.80	-50.80
5.2667G	5.36G	5.33835G	-46.49	-26.02	-20.47	3.90	-50.39	-50.39

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5180MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.142G	5.14197G	-43.40	-26.02	-17.38	3.90	-47.30	-47.30
5.142G	5.15G	5.1498G	-37.47	-18.24	-19.23	3.90	-41.37	-41.37
5.25G	5.251G	5.25099G	-46.89	-9.90	-36.99	3.90	-50.79	-50.79
5.251G	5.26G	5.25998G	-46.92	-18.00	-28.92	3.90	-50.82	-50.82
5.26G	5.2667G	5.26662G	-47.02	-25.92	-21.10	3.90	-50.92	-50.92
5.2667G	5.36G	5.35804G	-46.47	-26.02	-20.45	3.90	-50.37	-50.37



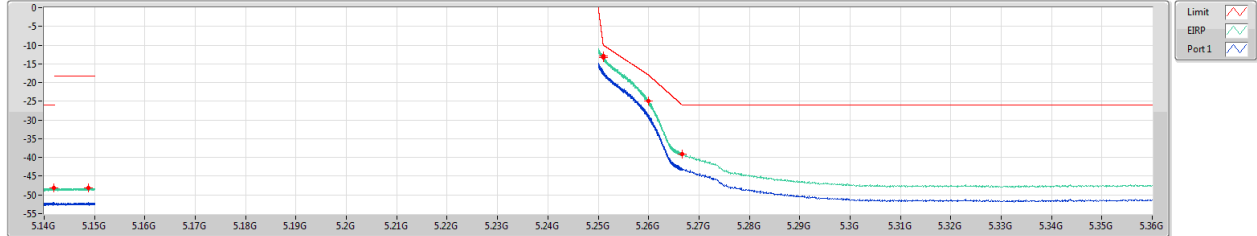
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5240MHz\_TnomVnom

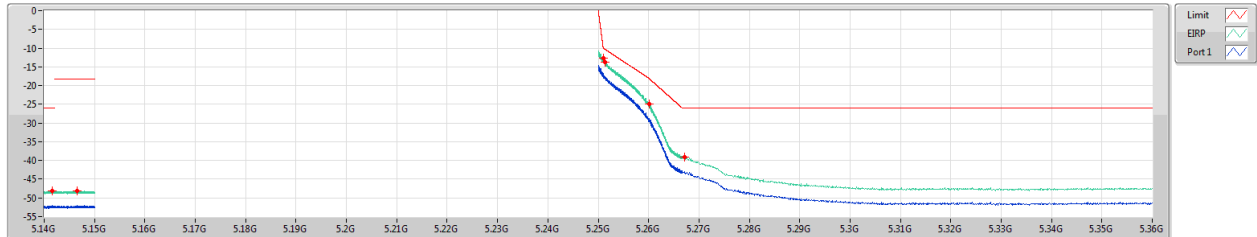


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.142G	5.14199G	-48.10	-26.02	-22.08	3.90	-52.00	-52.00
5.142G	5.15G	5.14881G	-48.19	-18.24	-29.95	3.90	-52.09	-52.09
5.25G	5.251G	5.251G	-13.26	-9.99	-3.27	3.90	-17.16	-17.16
5.251G	5.26G	5.25103G	-12.98	-10.02	-2.96	3.90	-16.88	-16.88
5.26G	5.2667G	5.26005G	-24.85	-18.08	-6.77	3.90	-28.75	-28.75
5.2667G	5.36G	5.2667G	-39.12	-26.02	-13.10	3.90	-43.02	-43.02

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5240MHz\_TnomVmin

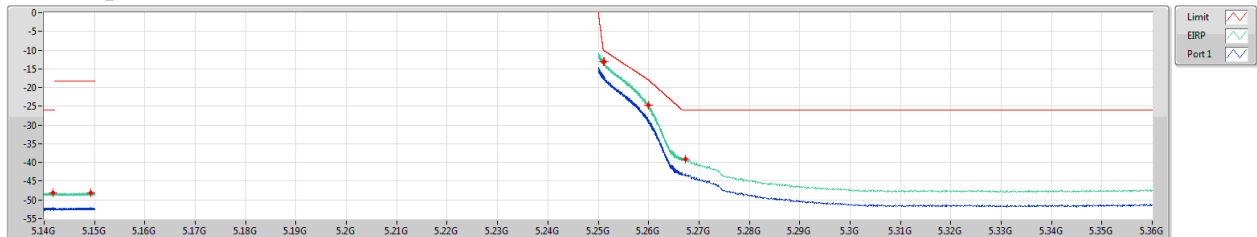


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.142G	5.14157G	-48.16	-26.02	-22.14	3.90	-52.06	-52.06
5.142G	5.15G	5.14586G	-48.13	-18.24	-29.89	3.90	-52.03	-52.03
5.25G	5.251G	5.25098G	-12.77	-9.84	-2.93	3.90	-16.67	-16.67
5.251G	5.26G	5.2514G	-13.67	-10.35	-3.32	3.90	-17.57	-17.57
5.26G	5.2667G	5.26017G	-24.96	-18.22	-6.74	3.90	-28.86	-28.86
5.2667G	5.36G	5.26717G	-39.15	-26.02	-13.13	3.90	-43.05	-43.05

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5240MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.142G	5.14179G	-48.19	-26.02	-22.17	3.90	-52.09	-52.09
5.142G	5.15G	5.14923G	-48.16	-18.24	-29.92	3.90	-52.06	-52.06
5.25G	5.251G	5.25099G	-13.03	-9.94	-3.09	3.90	-16.93	-16.93
5.251G	5.26G	5.25116G	-13.15	-10.14	-3.01	3.90	-17.05	-17.05
5.26G	5.2667G	5.26G	-24.70	-18.01	-6.69	3.90	-28.60	-28.60
5.2667G	5.36G	5.26735G	-39.17	-26.02	-13.15	3.90	-43.07	-43.07



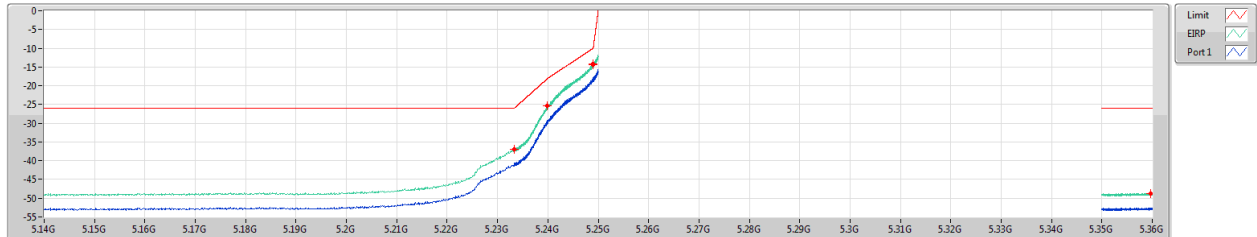
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5260MHz\_TnomVnom

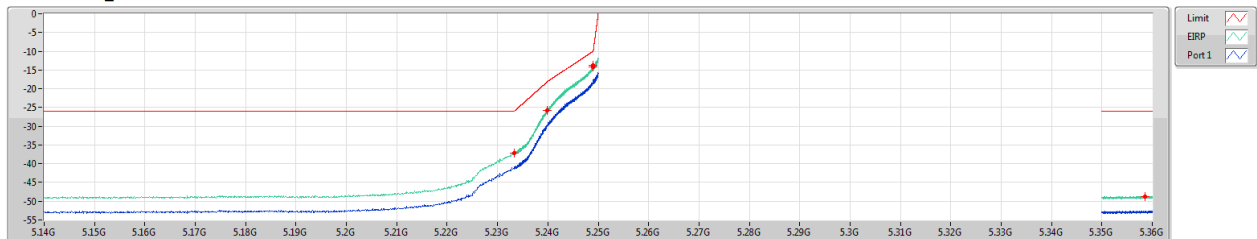


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.14G	5.2333G	5.2333G	-36.96	-26.02	-10.94	3.90	-40.86	-40.86
5.2333G	5.24G	5.23994G	-25.38	-18.09	-7.29	3.90	-29.28	-29.28
5.24G	5.249G	5.24694G	-14.30	-10.06	-4.24	3.90	-18.20	-18.20
5.249G	5.25G	5.249G	-14.26	-10.00	-4.26	3.90	-18.16	-18.16
5.35G	5.36G	5.35962G	-48.68	-26.02	-22.66	3.90	-52.58	-52.58

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5260MHz\_TnomVmin

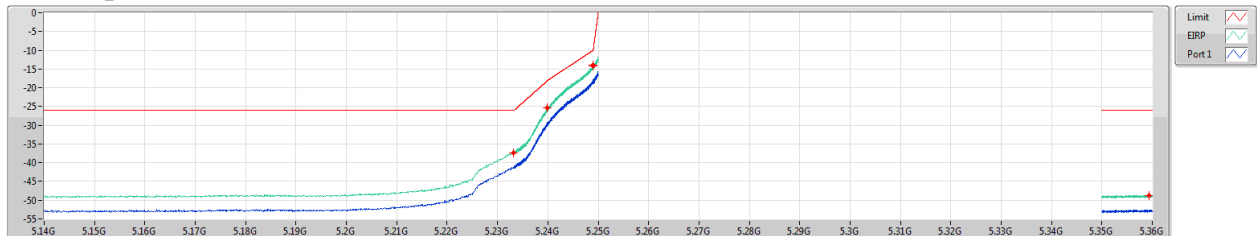


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.14G	5.2333G	5.2333G	-37.10	-26.02	-11.08	3.90	-41.00	-41.00
5.2333G	5.24G	5.23984G	-25.68	-18.21	-7.47	3.90	-29.58	-29.58
5.24G	5.249G	5.24897G	-14.09	-10.02	-4.07	3.90	-17.99	-17.99
5.249G	5.25G	5.24904G	-13.73	-9.59	-4.14	3.90	-17.63	-17.63
5.35G	5.36G	5.3586G	-48.71	-26.02	-22.69	3.90	-52.61	-52.61

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5260MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.14G	5.2333G	5.23321G	-37.32	-26.02	-11.30	3.90	-41.22	-41.22
5.2333G	5.24G	5.2399G	-25.42	-18.13	-7.29	3.90	-29.32	-29.32
5.24G	5.249G	5.24891G	-14.17	-10.08	-4.09	3.90	-18.07	-18.07
5.249G	5.25G	5.249G	-13.94	-9.99	-3.95	3.90	-17.84	-17.84
5.35G	5.36G	5.35942G	-48.71	-26.02	-22.69	3.90	-52.61	-52.61



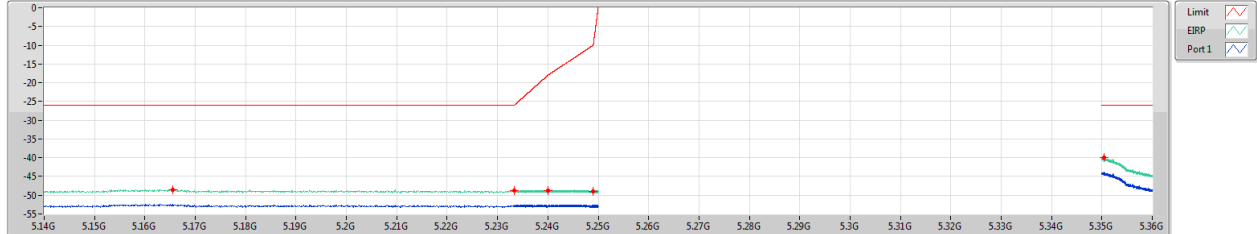
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5320MHz\_TnomVnom

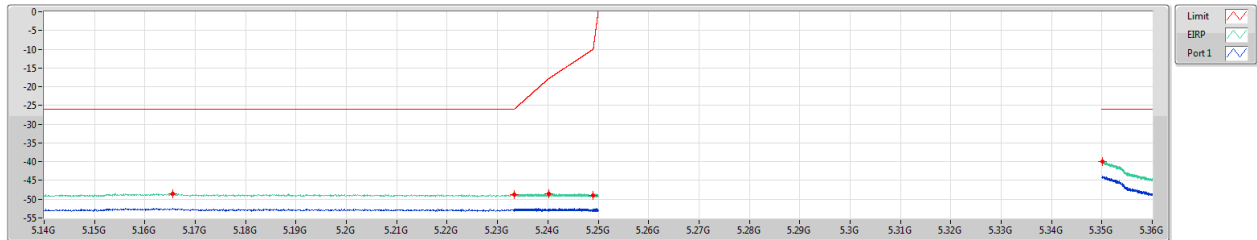


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.2333G	5.16547G	-48.56	-26.02	-22.54	3.90	-52.46	-52.46
5.2333G	5.24G	5.23333G	-48.72	-25.98	-22.74	3.90	-52.62	-52.62
5.24G	5.249G	5.24005G	-48.87	-17.97	-30.90	3.90	-52.77	-52.77
5.249G	5.25G	5.24901G	-48.91	-9.95	-38.96	3.90	-52.81	-52.81
5.35G	5.36G	5.35039G	-40.00	-26.02	-13.98	3.90	-43.90	-43.90

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5320MHz\_TnomVmin

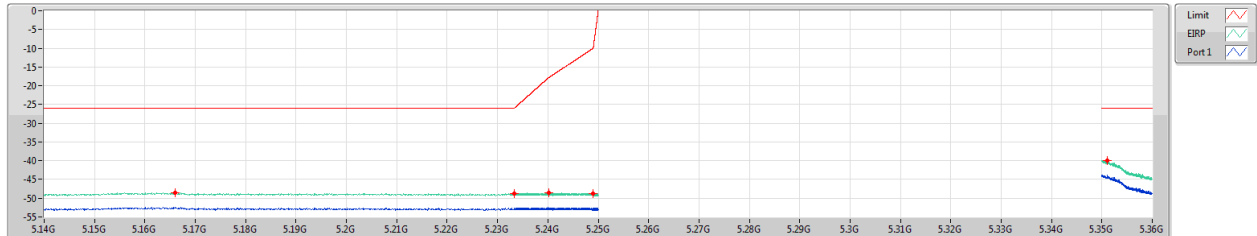


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.2333G	5.16547G	-48.56	-26.02	-22.54	3.90	-52.46	-52.46
5.2333G	5.24G	5.23332G	-48.81	-26.00	-22.81	3.90	-52.71	-52.71
5.24G	5.249G	5.24011G	-48.65	-17.92	-30.73	3.90	-52.55	-52.55
5.249G	5.25G	5.249G	-48.96	-10.00	-38.96	3.90	-52.86	-52.86
5.35G	5.36G	5.35004G	-39.96	-26.02	-13.94	3.90	-43.86	-43.86

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5320MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.14G	5.2333G	5.16594G	-48.53	-26.02	-22.51	3.90	-52.43	-52.43
5.2333G	5.24G	5.23332G	-48.76	-26.00	-22.76	3.90	-52.66	-52.66
5.24G	5.249G	5.24011G	-48.56	-17.92	-30.64	3.90	-52.46	-52.46
5.249G	5.25G	5.249G	-48.85	-9.98	-38.87	3.90	-52.75	-52.75
5.35G	5.36G	5.35111G	-39.87	-26.02	-13.85	3.90	-43.77	-43.77



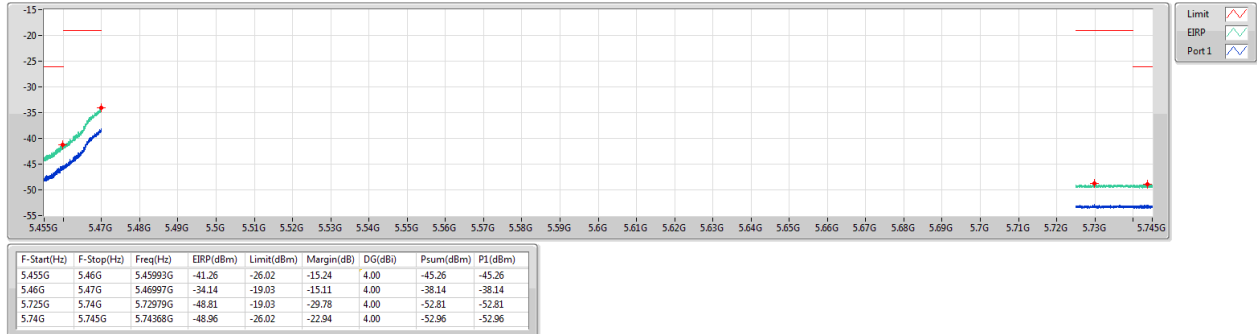
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11a\_Nss1\_1TX

CSE-TX-EIRP

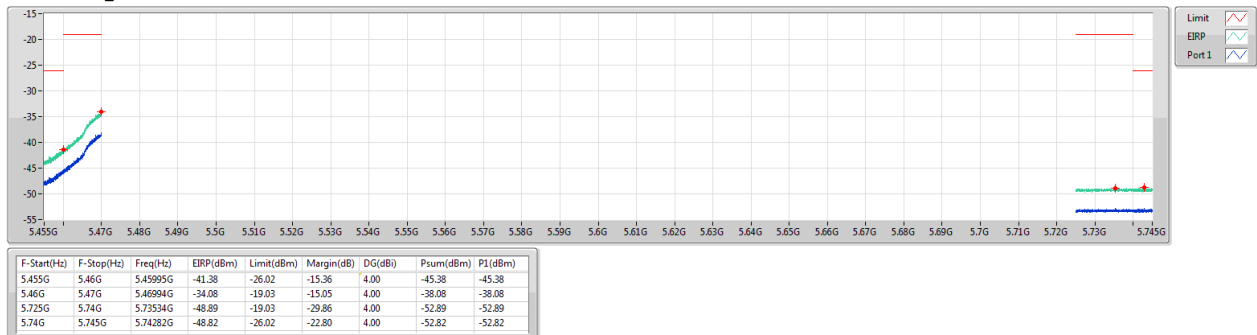
5500MHz\_TnomVnom



802.11a\_Nss1\_1TX

CSE-TX-EIRP

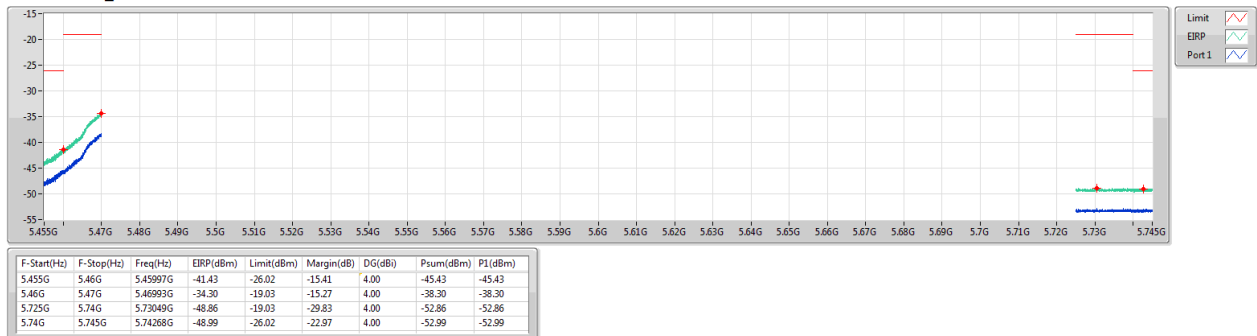
5500MHz\_TnomVmin



802.11a\_Nss1\_1TX

CSE-TX-EIRP

5500MHz\_TnomVmax





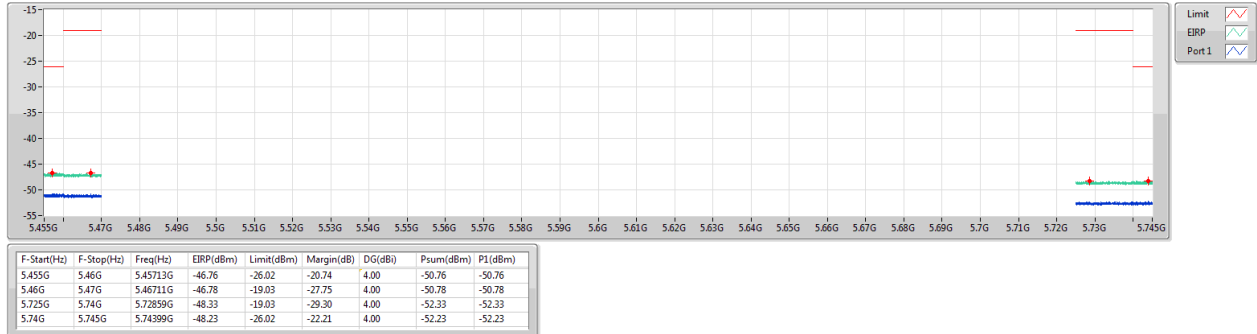
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11a\_Nss1\_1TX

CSE-TX-EIRP

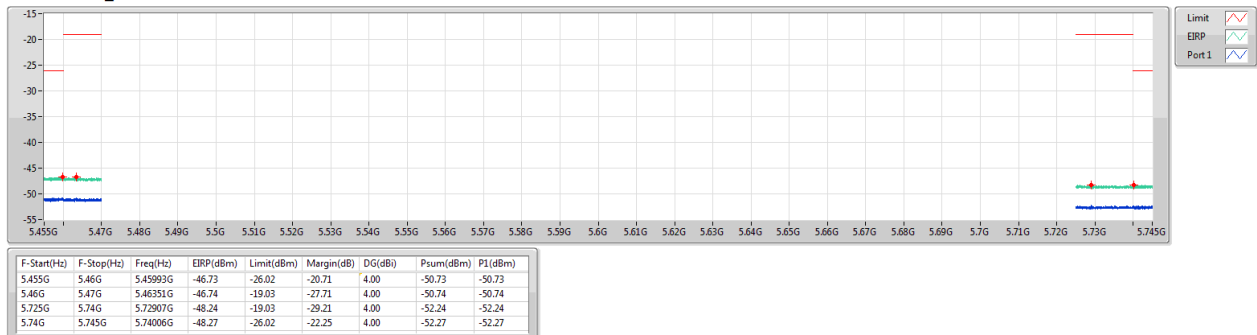
5600MHz\_TnomVnom



802.11a\_Nss1\_1TX

CSE-TX-EIRP

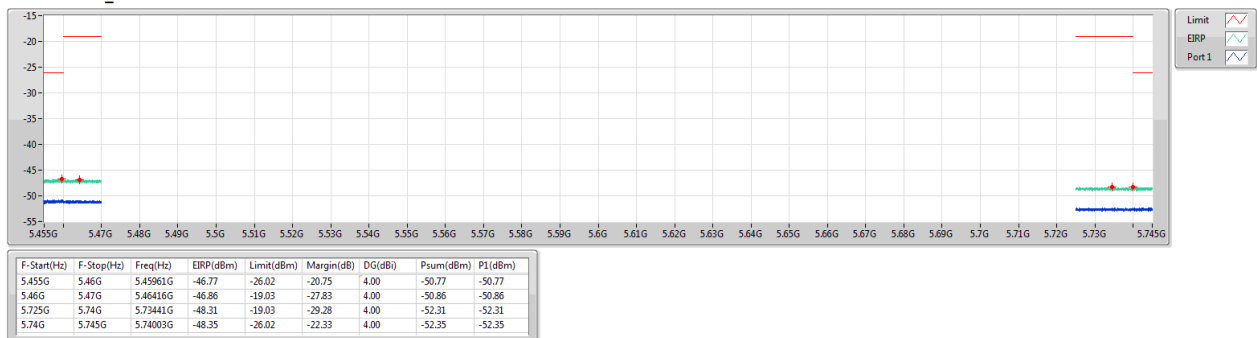
5600MHz\_TnomVmin



802.11a\_Nss1\_1TX

CSE-TX-EIRP

5600MHz\_TnomVmax





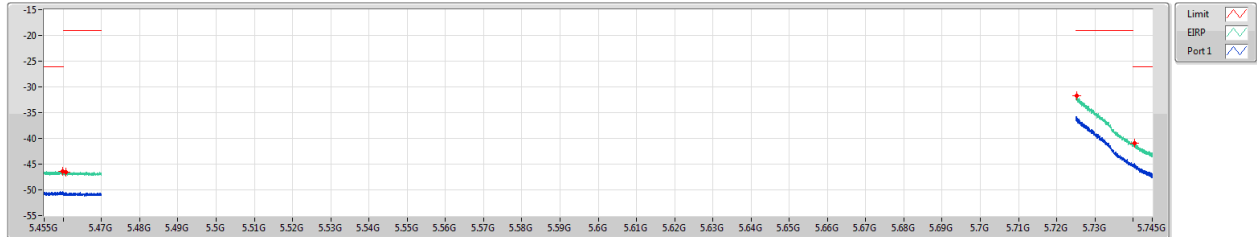
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5700MHz\_TnomVnom

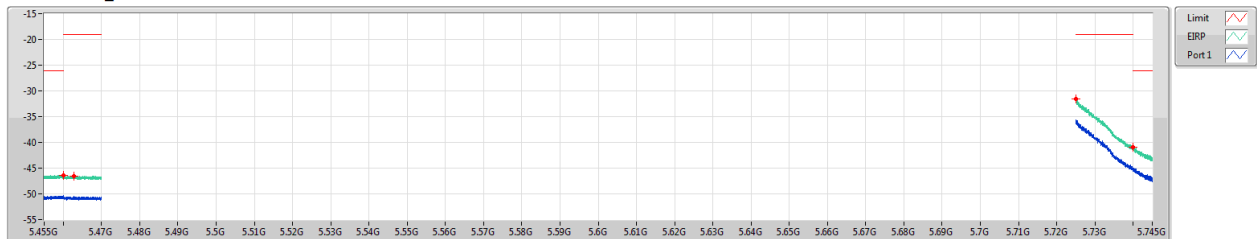


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.455G	5.46G	5.45987G	-46.36	-26.02	-20.34	4.00	-50.36	-50.36
5.46G	5.47G	5.46059G	-46.49	-19.03	-27.46	4.00	-50.49	-50.49
5.725G	5.74G	5.72526G	-31.72	-19.03	-12.69	4.00	-35.72	-35.72
5.74G	5.745G	5.7403G	-40.92	-26.02	-14.90	4.00	-44.92	-44.92

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5700MHz\_TnomVmin

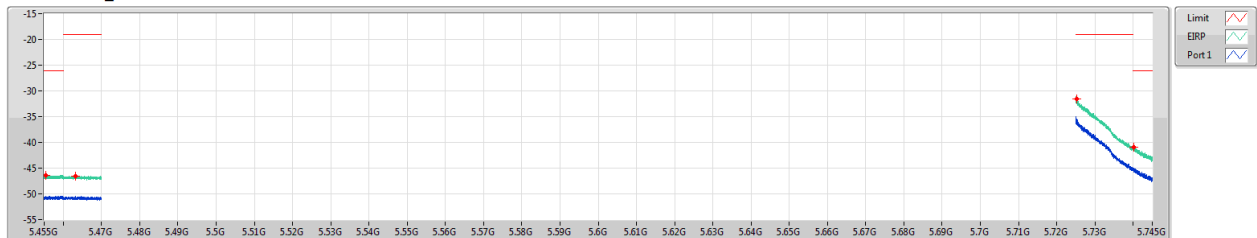


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.455G	5.46G	5.45997G	-46.34	-26.02	-20.32	4.00	-50.34	-50.34
5.46G	5.47G	5.46284G	-46.51	-19.03	-27.48	4.00	-50.51	-50.51
5.725G	5.74G	5.72502G	-31.63	-19.03	-12.60	4.00	-35.63	-35.63
5.74G	5.745G	5.74004G	-40.97	-26.02	-14.95	4.00	-44.97	-44.97

802.11a\_Nss1\_1TX

CSE-TX-EIRP

5700MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.455G	5.46G	5.45544G	-46.41	-26.02	-20.39	4.00	-50.41	-50.41
5.46G	5.47G	5.46313G	-46.50	-19.03	-27.47	4.00	-50.50	-50.50
5.725G	5.74G	5.72517G	-31.52	-19.03	-12.49	4.00	-35.52	-35.52
5.74G	5.745G	5.74013G	-40.94	-26.02	-14.92	4.00	-44.94	-44.94



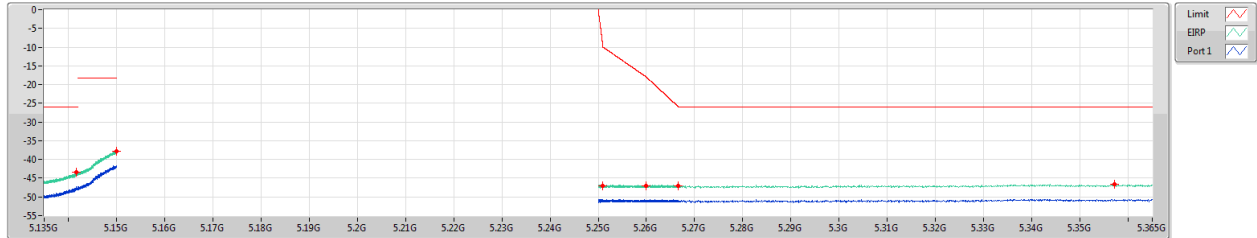
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5180MHz\_TnomVnom

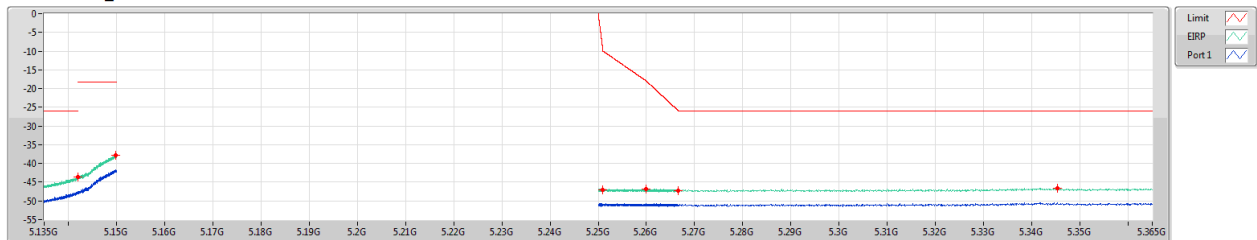


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.135G	5.142G	5.14171G	-43.44	-26.02	-17.42	3.90	-47.34	-47.34
5.142G	5.15G	5.14997G	-37.82	-18.24	-19.58	3.90	-41.72	-41.72
5.25G	5.251G	5.251G	-47.00	-9.98	-37.02	3.90	-50.90	-50.90
5.251G	5.26G	5.25996G	-47.09	-17.98	-29.11	3.90	-50.99	-50.99
5.26G	5.2667G	5.26667G	-47.04	-25.99	-21.05	3.90	-50.94	-50.94
5.2667G	5.365G	5.35723G	-46.71	-26.02	-20.69	3.90	-50.61	-50.61

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5180MHz\_TnomVmin

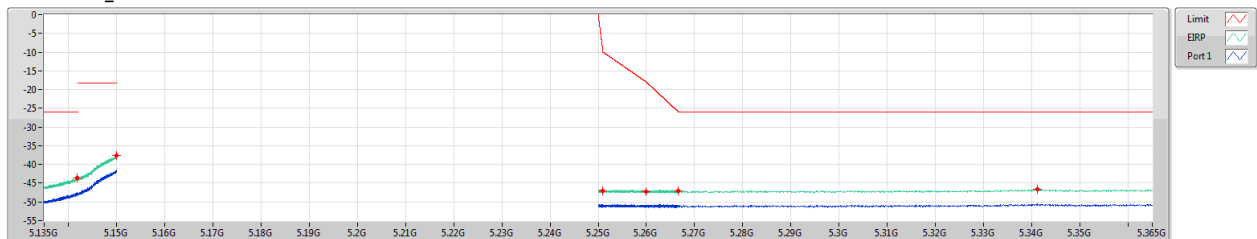


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.135G	5.142G	5.14198G	-43.59	-26.02	-17.57	3.90	-47.49	-47.49
5.142G	5.15G	5.14896G	-37.83	-18.24	-19.59	3.90	-41.73	-41.73
5.25G	5.251G	5.251G	-46.96	-9.96	-37.00	3.90	-50.86	-50.86
5.251G	5.26G	5.25996G	-46.90	-17.98	-28.92	3.90	-50.80	-50.80
5.26G	5.2667G	5.26665G	-47.17	-25.96	-21.21	3.90	-51.07	-51.07
5.2667G	5.365G	5.34524G	-46.55	-26.02	-20.53	3.90	-50.45	-50.45

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5180MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.135G	5.142G	5.14188G	-43.65	-26.02	-17.63	3.90	-47.55	-47.55
5.142G	5.15G	5.14995G	-37.54	-18.24	-19.30	3.90	-41.44	-41.44
5.25G	5.251G	5.251G	-47.05	-9.95	-37.10	3.90	-50.95	-50.95
5.251G	5.26G	5.25996G	-47.16	-17.98	-29.18	3.90	-51.06	-51.06
5.26G	5.2667G	5.26661G	-47.03	-25.92	-21.11	3.90	-50.93	-50.93
5.2667G	5.365G	5.34111G	-46.68	-26.02	-20.66	3.90	-50.58	-50.58



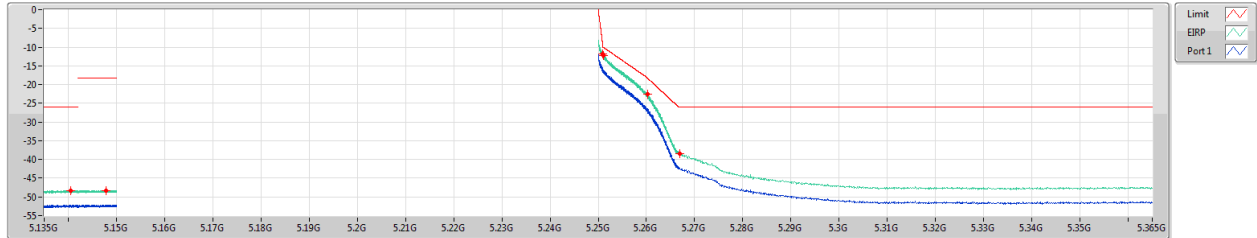
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5240MHz\_TnomVnom

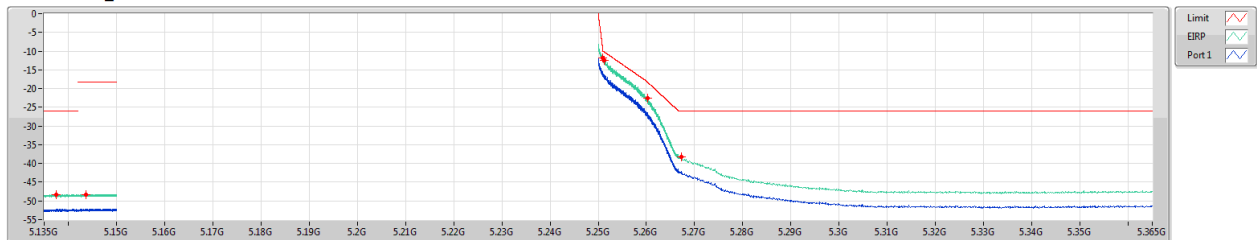


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.135G	5.142G	5.14045G	-48.31	-26.02	-22.29	3.90	-52.21	-52.21
5.142G	5.15G	5.14788G	-48.25	-18.24	-30.01	3.90	-52.15	-52.15
5.25G	5.251G	5.25099G	-11.81	-9.90	-1.91	3.90	-15.71	-15.71
5.251G	5.26G	5.25105G	-12.21	-10.05	-2.16	3.90	-16.11	-16.11
5.26G	5.2667G	5.26034G	-22.63	-18.41	-4.22	3.90	-26.53	-26.53
5.2667G	5.365G	5.2669G	-38.40	-26.02	-12.38	3.90	-42.30	-42.30

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5240MHz\_TnomVmin

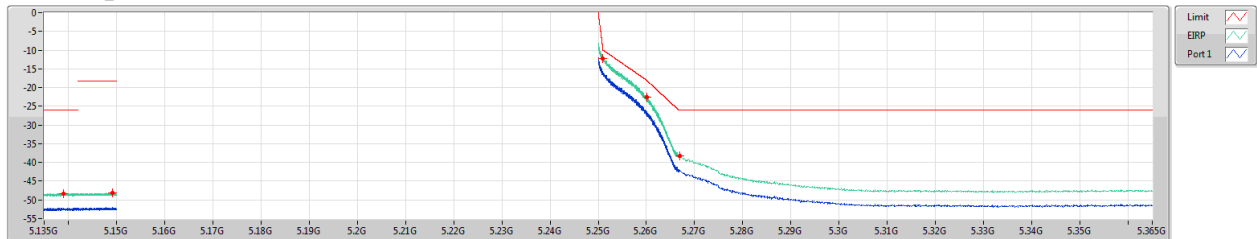


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.135G	5.142G	5.13751G	-48.29	-26.02	-22.27	3.90	-52.19	-52.19
5.142G	5.15G	5.14864G	-48.24	-18.24	-30.00	3.90	-52.14	-52.14
5.25G	5.251G	5.25099G	-11.89	-9.88	-2.01	3.90	-15.79	-15.79
5.251G	5.26G	5.25132G	-12.44	-10.28	-2.16	3.90	-16.34	-16.34
5.26G	5.2667G	5.26033G	-22.50	-18.41	-4.09	3.90	-26.40	-26.40
5.2667G	5.365G	5.26729G	-38.24	-26.02	-12.22	3.90	-42.14	-42.14

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5240MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)
5.135G	5.142G	5.139G	-48.27	-26.02	-22.25	3.90	-52.17	-52.17
5.142G	5.15G	5.14922G	-48.15	-18.24	-29.91	3.90	-52.05	-52.05
5.25G	5.251G	5.251G	-12.19	-9.95	-2.24	3.90	-16.09	-16.09
5.251G	5.26G	5.251G	-12.19	-10.00	-2.19	3.90	-16.09	-16.09
5.26G	5.2667G	5.26015G	-22.62	-18.19	-4.43	3.90	-26.52	-26.52
5.2667G	5.365G	5.2669G	-38.16	-26.02	-12.14	3.90	-42.06	-42.06



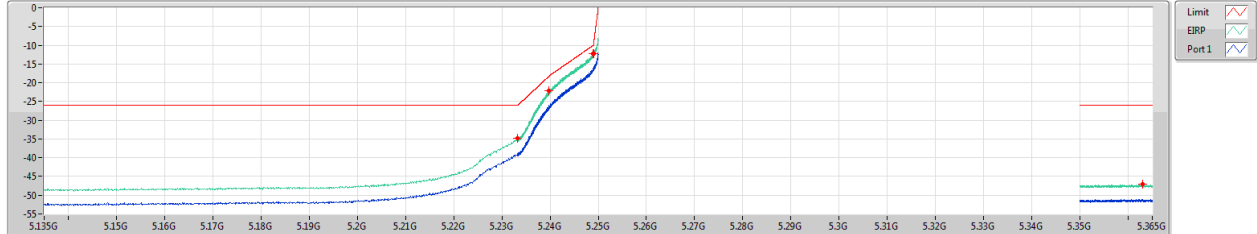
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5260MHz\_TnomVnom

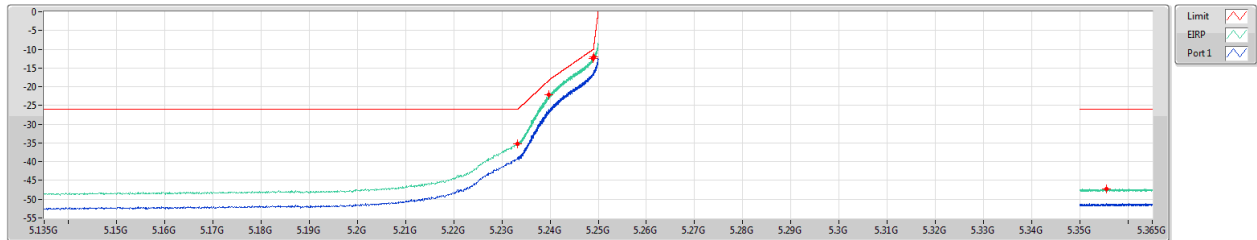


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.135G	5.2333G	5.2333G	-34.88	-26.02	-8.86	3.90	-38.78	-38.78
5.2333G	5.24G	5.23778G	-22.20	-18.28	-3.92	3.90	-26.10	-26.10
5.24G	5.249G	5.24887G	-12.26	-10.11	-2.15	3.90	-16.16	-16.16
5.249G	5.25G	5.24901G	-12.15	-9.90	-2.25	3.90	-16.05	-16.05
5.35G	5.365G	5.36304G	-47.15	-26.02	-21.13	3.90	-51.05	-51.05

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5260MHz\_TnomVmin

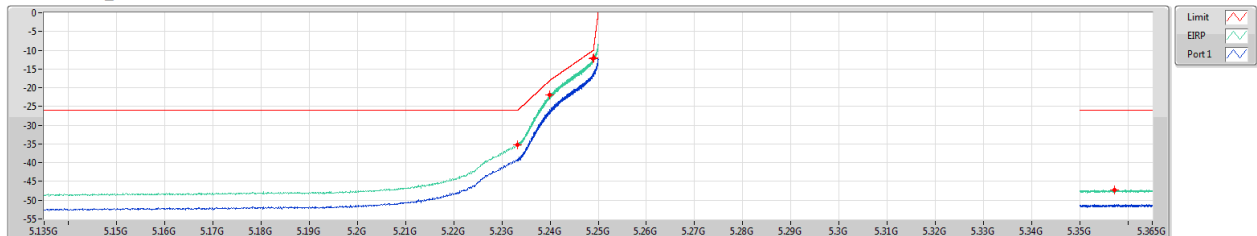


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.135G	5.2333G	5.2332G	-35.29	-26.02	-9.27	3.90	-39.19	-39.19
5.2333G	5.24G	5.23775G	-22.19	-18.31	-3.88	3.90	-26.09	-26.09
5.24G	5.249G	5.24888G	-12.44	-10.02	-2.42	3.90	-16.34	-16.34
5.249G	5.25G	5.24901G	-12.05	-9.90	-2.15	3.90	-15.95	-15.95
5.35G	5.365G	5.35546G	-47.19	-26.02	-21.17	3.90	-51.09	-51.09

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5260MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.135G	5.2333G	5.2333G	-35.22	-26.02	-9.20	3.90	-39.12	-39.12
5.2333G	5.24G	5.23999G	-21.89	-18.03	-3.86	3.90	-25.79	-25.79
5.24G	5.249G	5.24898G	-12.16	-10.02	-2.14	3.90	-16.06	-16.06
5.249G	5.25G	5.24902G	-12.12	-9.84	-2.28	3.90	-16.02	-16.02
5.35G	5.365G	5.35711G	-47.21	-26.02	-21.19	3.90	-51.11	-51.11



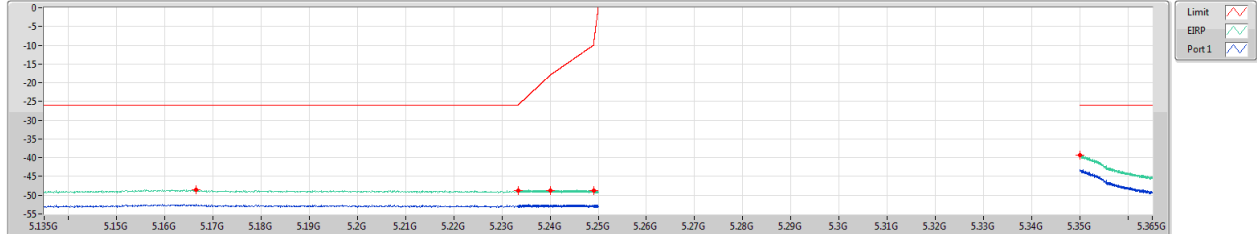
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5320MHz\_TnomVnom

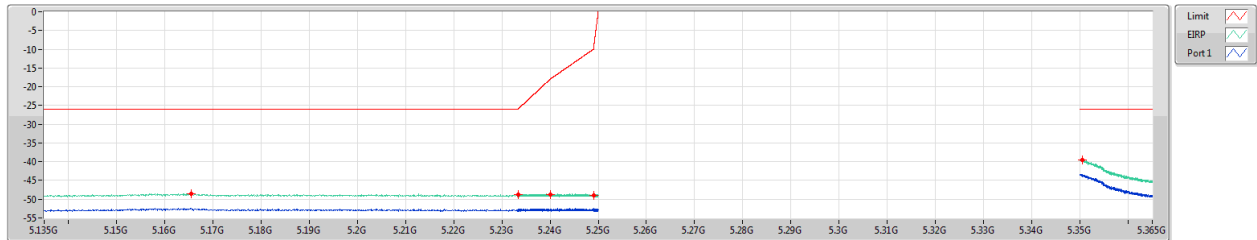


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.135G	5.2333G	5.16655G	-48.57	-26.02	-22.55	3.90	-52.47	-52.47
5.2333G	5.24G	5.23334G	-48.85	-25.97	-22.88	3.90	-52.75	-52.75
5.24G	5.249G	5.24001G	-48.79	-18.01	-30.78	3.90	-52.69	-52.69
5.249G	5.25G	5.24900G	-48.87	-9.85	-39.02	3.90	-52.77	-52.77
5.35G	5.365G	5.35005G	-39.23	-26.02	-13.21	3.90	-43.13	-43.13

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5320MHz\_TnomVmin

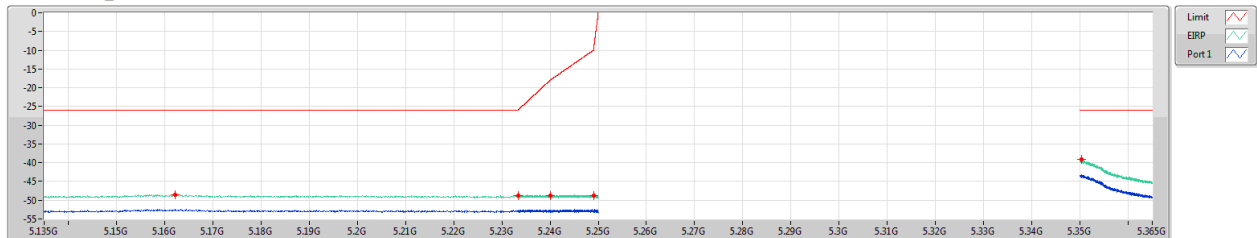


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.135G	5.2333G	5.16547G	-48.52	-26.02	-22.50	3.90	-52.42	-52.42
5.2333G	5.24G	5.23336G	-48.72	-25.95	-22.77	3.90	-52.62	-52.62
5.24G	5.249G	5.2401G	-48.85	-17.93	-30.92	3.90	-52.75	-52.75
5.249G	5.25G	5.249G	-48.94	-9.99	-38.95	3.90	-52.84	-52.84
5.35G	5.365G	5.35042G	-39.46	-26.02	-13.44	3.90	-43.36	-43.36

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5320MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	PI(dBm)
5.135G	5.2333G	5.16223G	-48.55	-26.02	-22.53	3.90	-52.45	-52.45
5.2333G	5.24G	5.23346G	-48.75	-25.83	-22.92	3.90	-52.65	-52.65
5.24G	5.249G	5.24005G	-48.80	-17.97	-30.83	3.90	-52.70	-52.70
5.249G	5.25G	5.24901G	-48.79	-9.91	-38.88	3.90	-52.69	-52.69
5.35G	5.365G	5.35036G	-39.20	-26.02	-13.18	3.90	-43.10	-43.10



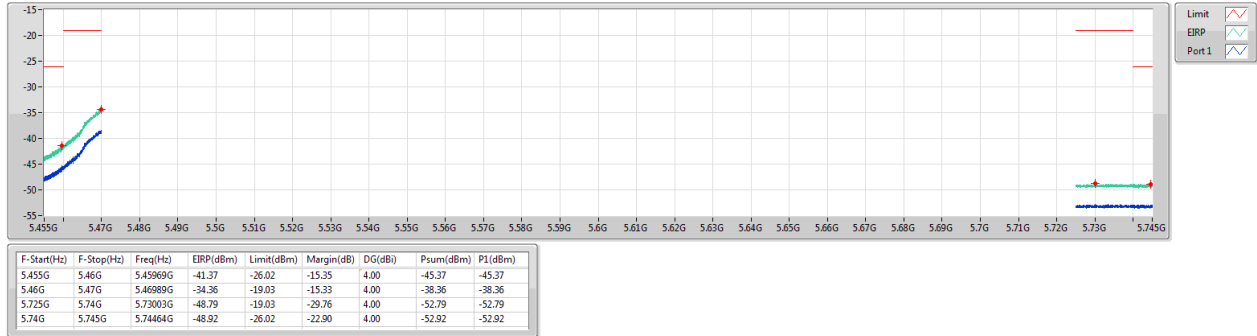
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

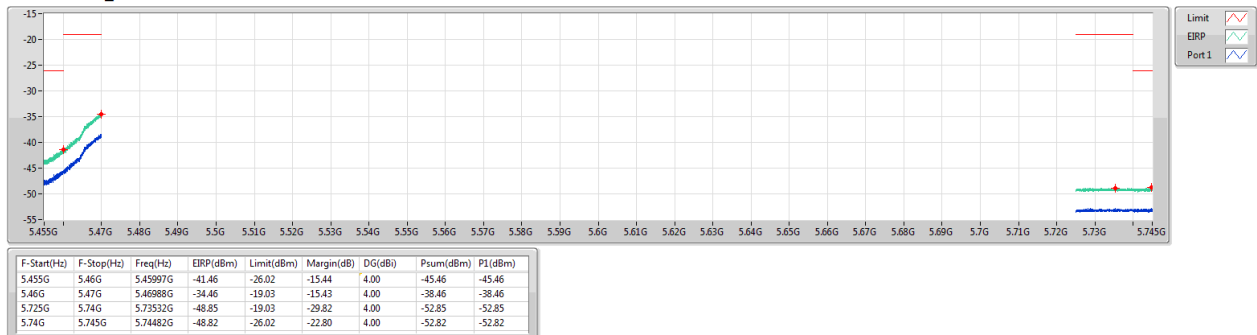
5500MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

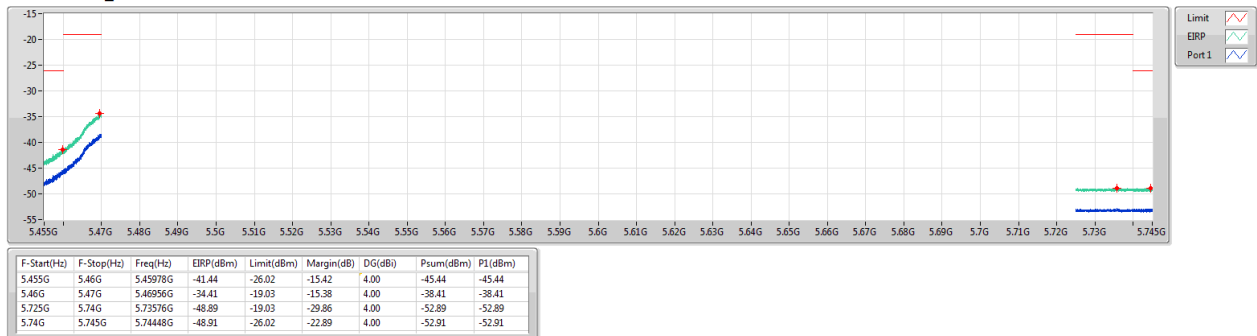
5500MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5500MHz\_TnomVmax





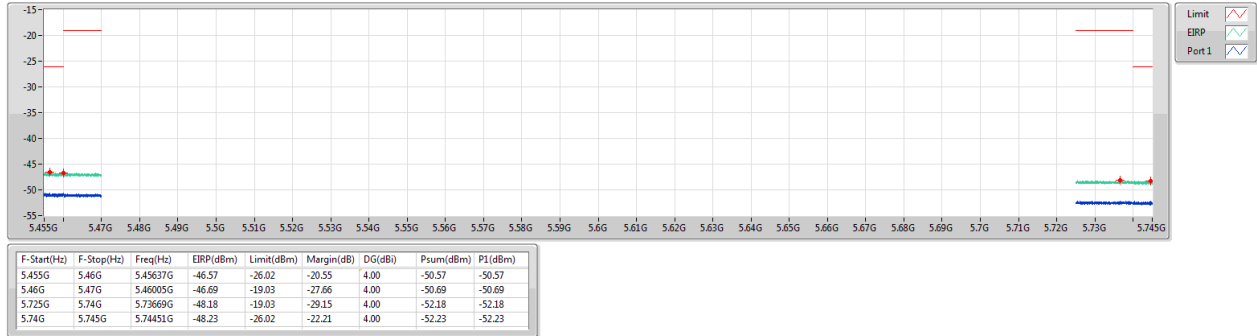
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

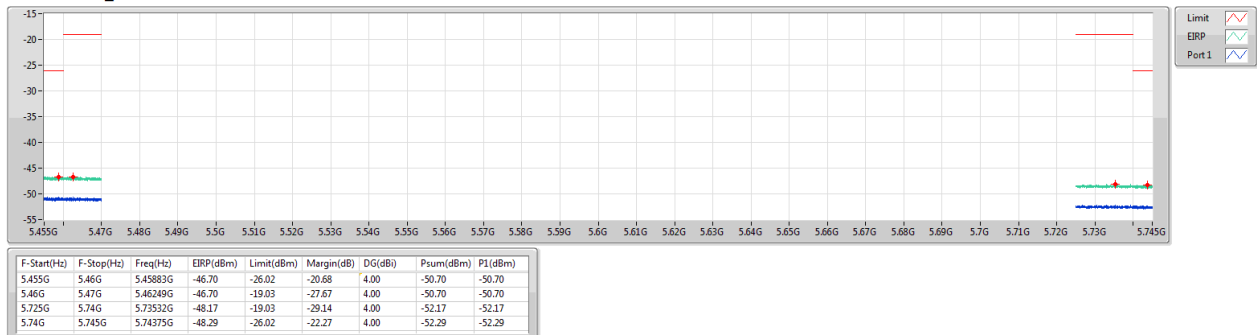
5600MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

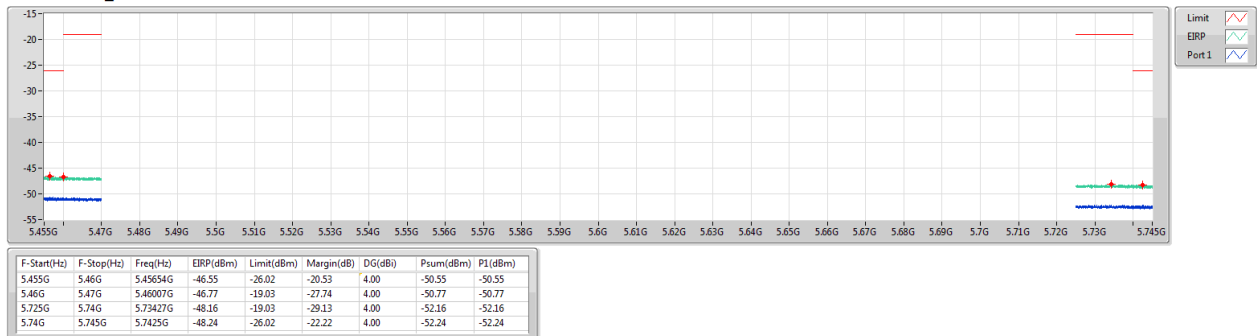
5600MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5600MHz\_TnomVmax





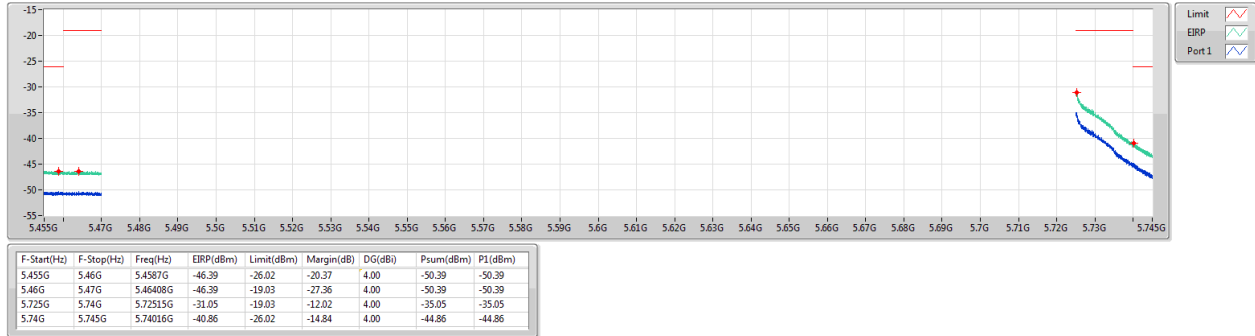
## CSE-TX-EIRP Out-Band Leakage Power Result

## Appendix F

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

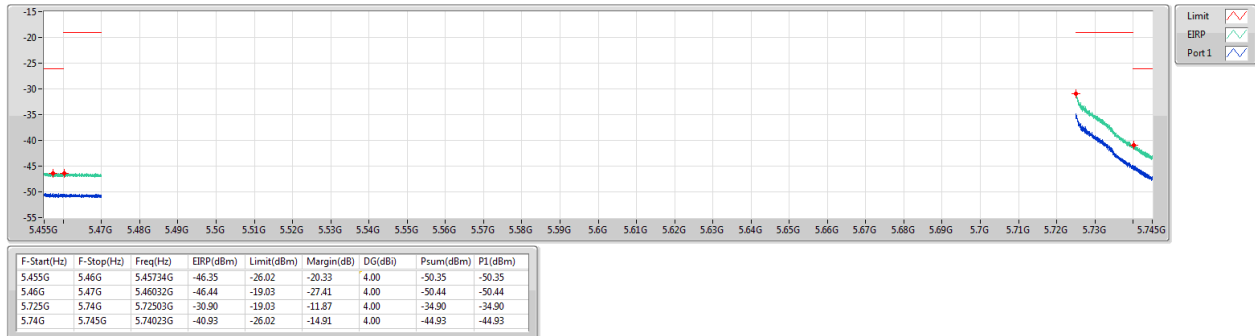
5700MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

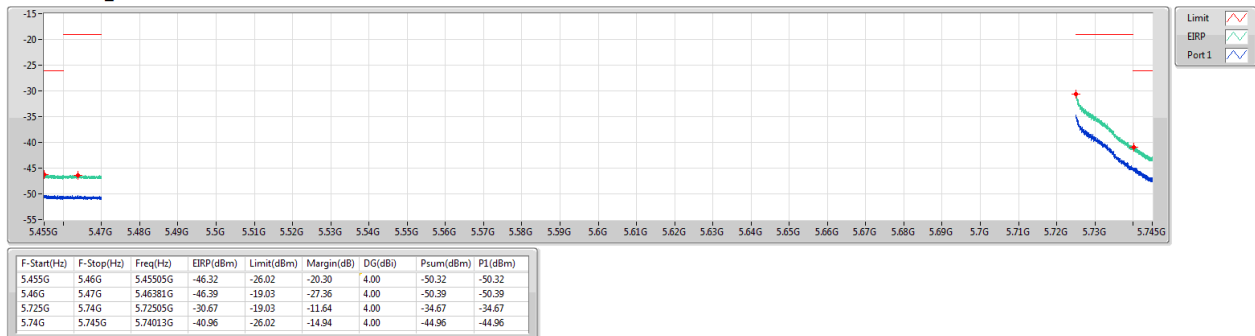
5700MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-TX-EIRP

5700MHz\_TnomVmax





## ***Transmission Burst Length Result***

## **Appendix G**

### **Summary**

<b>Mode</b>	<b>Max-Dwell (s)</b>
5.15-5.25GHz	-
802.11a_Nss1_1TX	245u
802.11n HT20_Nss1,(MCS0)_1TX	225u
5.25-5.35GHz	-
802.11a_Nss1_1TX	245u
802.11n HT20_Nss1,(MCS0)_1TX	225u
5.47-5.725GHz	-
802.11a_Nss1_1TX	245u
802.11n HT20_Nss1,(MCS0)_1TX	225u



## Transmission Burst Length Result

## Appendix G

### Result

Mode	Result	TX Burst Time (s)	Limit (s)
802.11a_Nss1_1TX	-	-	-
5180MHz_TnomVnom	Pass	245u	4m
5180MHz_TnomVmin	Pass	245u	4m
5180MHz_TnomVmax	Pass	245u	4m
5240MHz_TnomVnom	Pass	245u	4m
5240MHz_TnomVmin	Pass	245u	4m
5240MHz_TnomVmax	Pass	245u	4m
5260MHz_TnomVnom	Pass	245u	4m
5260MHz_TnomVmin	Pass	245u	4m
5260MHz_TnomVmax	Pass	245u	4m
5320MHz_TnomVnom	Pass	245u	4m
5320MHz_TnomVmin	Pass	245u	4m
5320MHz_TnomVmax	Pass	245u	4m
5500MHz_TnomVnom	Pass	245u	4m
5500MHz_TnomVmin	Pass	245u	4m
5500MHz_TnomVmax	Pass	245u	4m
5600MHz_TnomVnom	Pass	245u	4m
5600MHz_TnomVmin	Pass	245u	4m
5600MHz_TnomVmax	Pass	245u	4m
5700MHz_TnomVnom	Pass	245u	4m
5700MHz_TnomVmin	Pass	245u	4m
5700MHz_TnomVmax	Pass	245u	4m
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	225u	4m
5180MHz_TnomVmin	Pass	225u	4m
5180MHz_TnomVmax	Pass	225u	4m
5240MHz_TnomVnom	Pass	225u	4m
5240MHz_TnomVmin	Pass	225u	4m
5240MHz_TnomVmax	Pass	225u	4m
5260MHz_TnomVnom	Pass	225u	4m
5260MHz_TnomVmin	Pass	225u	4m
5260MHz_TnomVmax	Pass	225u	4m
5320MHz_TnomVnom	Pass	225u	4m
5320MHz_TnomVmin	Pass	225u	4m



## ***Transmission Burst Length Result***

## **Appendix G**

<b>Mode</b>	<b>Result</b>	<b>TX Burst Time (s)</b>	<b>Limit (s)</b>
5320MHz_TnomVmax	Pass	225u	4m
5500MHz_TnomVnom	Pass	225u	4m
5500MHz_TnomVmin	Pass	225u	4m
5500MHz_TnomVmax	Pass	225u	4m
5600MHz_TnomVnom	Pass	225u	4m
5600MHz_TnomVmin	Pass	225u	4m
5600MHz_TnomVmax	Pass	225u	4m
5700MHz_TnomVnom	Pass	225u	4m
5700MHz_TnomVmin	Pass	225u	4m
5700MHz_TnomVmax	Pass	225u	4m



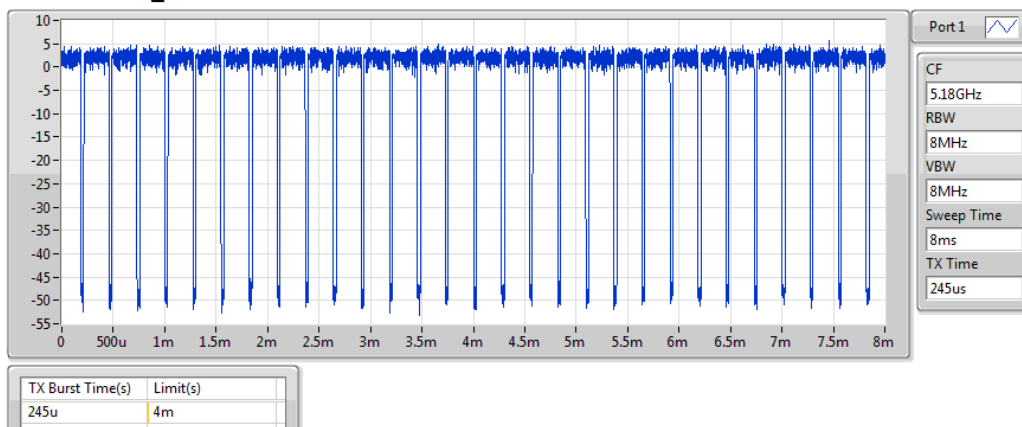
## Transmission Burst Length Result

## Appendix G

802.11a\_Nss1\_1TX

TX Burst

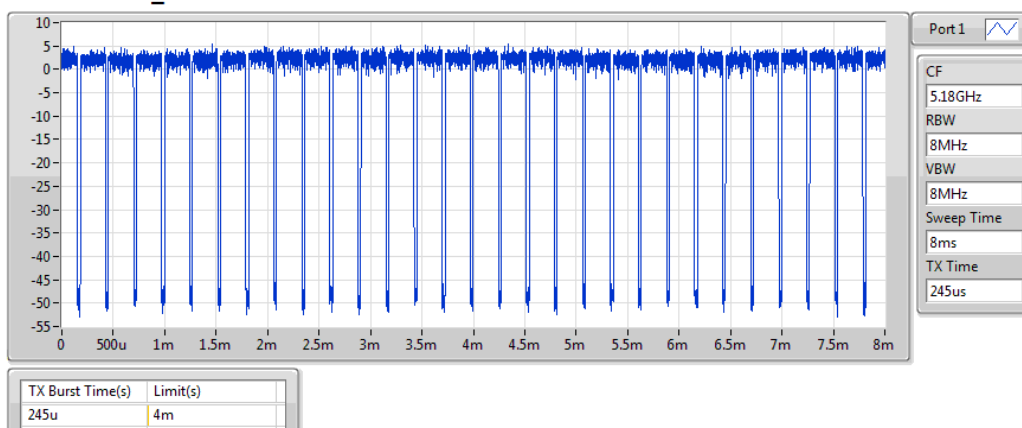
5180MHz\_TnomVnom



802.11a\_Nss1\_1TX

TX Burst

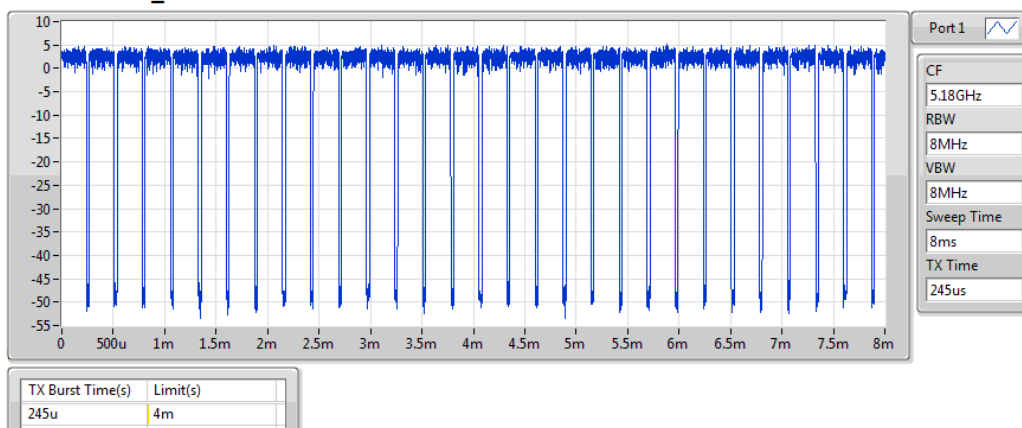
5180MHz\_TnomVmin



802.11a\_Nss1\_1TX

TX Burst

5180MHz\_TnomVmax

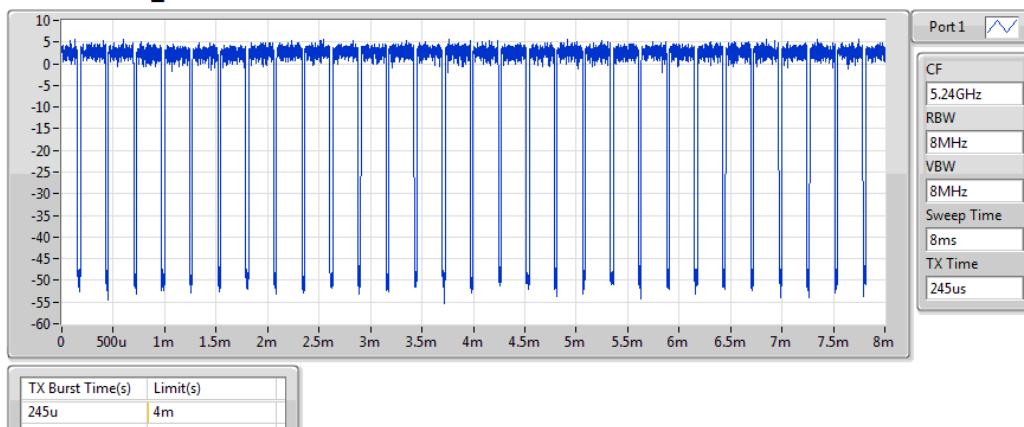




802.11a\_Nss1\_1TX

TX Burst

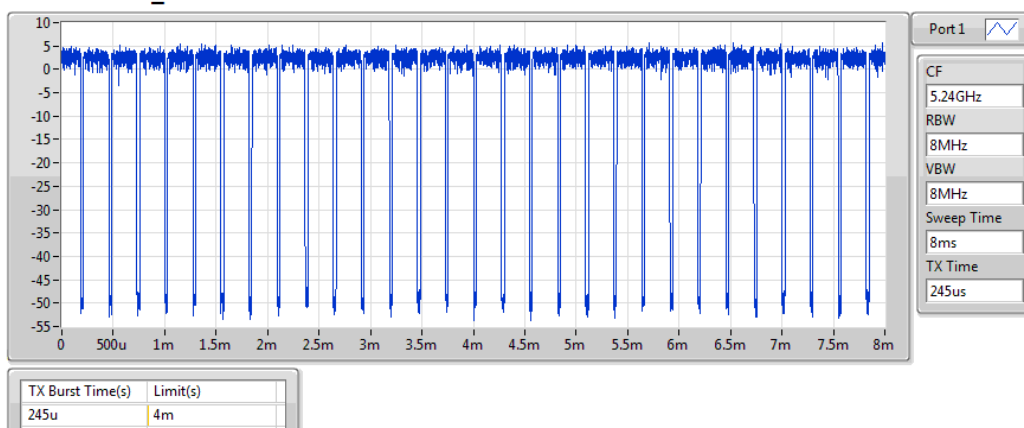
5240MHz\_TnomVnom



802.11a\_Nss1\_1TX

TX Burst

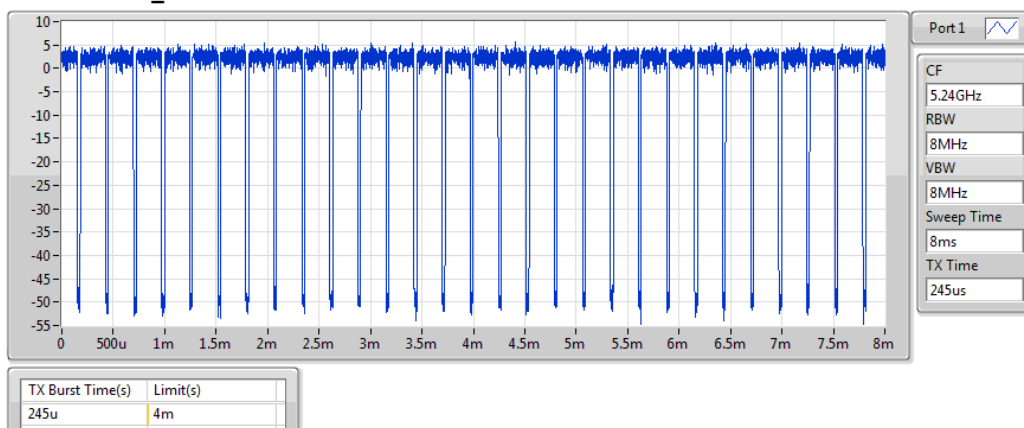
5240MHz\_TnomVmin



802.11a\_Nss1\_1TX

TX Burst

5240MHz\_TnomVmax





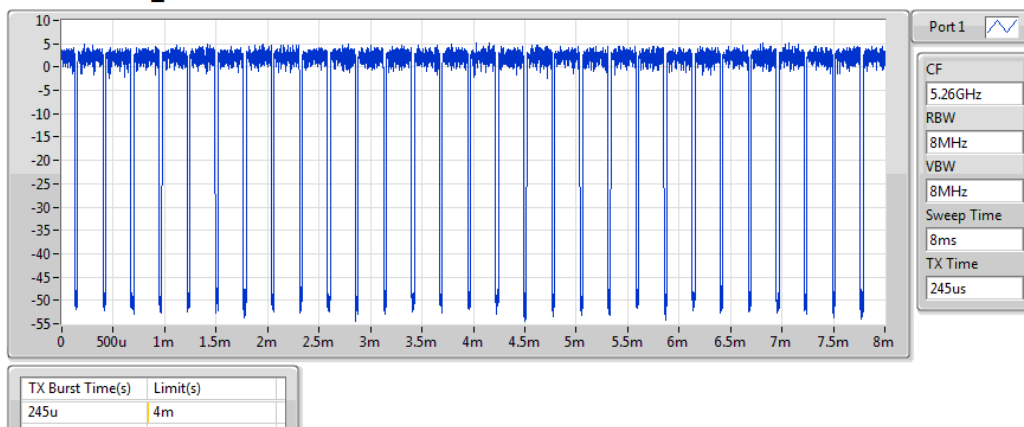
## Transmission Burst Length Result

## Appendix G

802.11a\_Nss1\_1TX

TX Burst

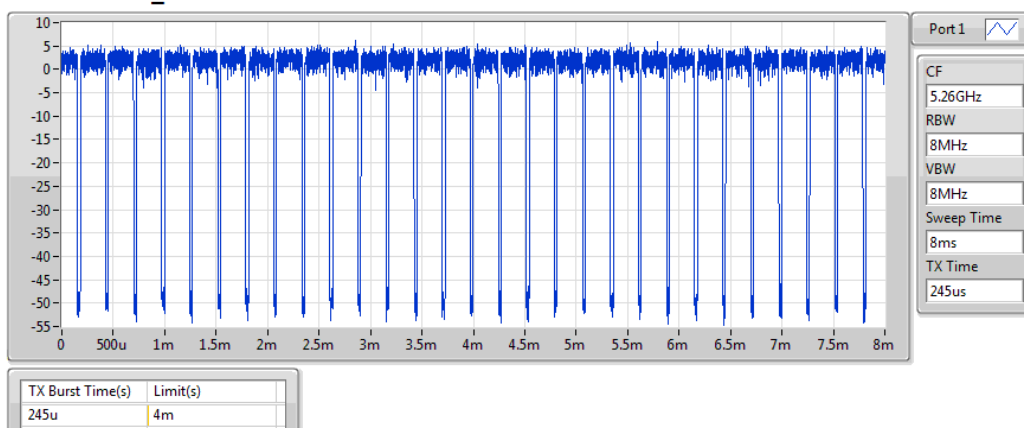
5260MHz\_TnomVnom



802.11a\_Nss1\_1TX

TX Burst

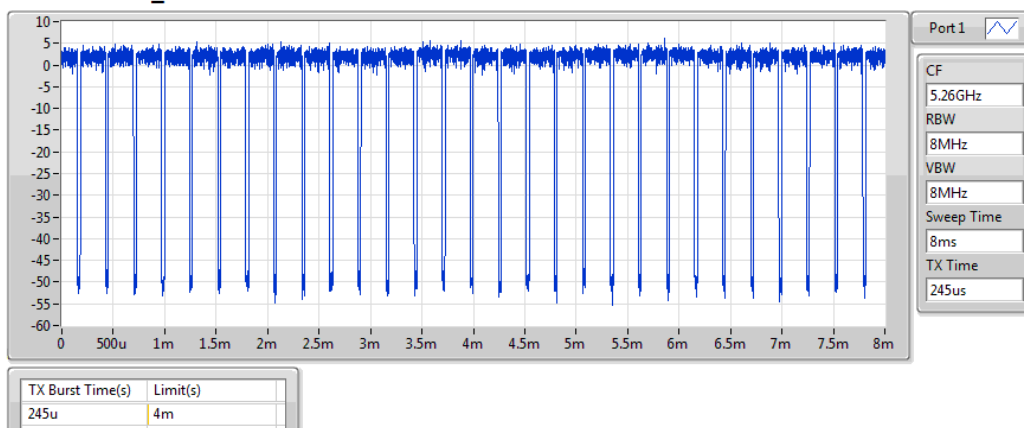
5260MHz\_TnomVmin



802.11a\_Nss1\_1TX

TX Burst

5260MHz\_TnomVmax





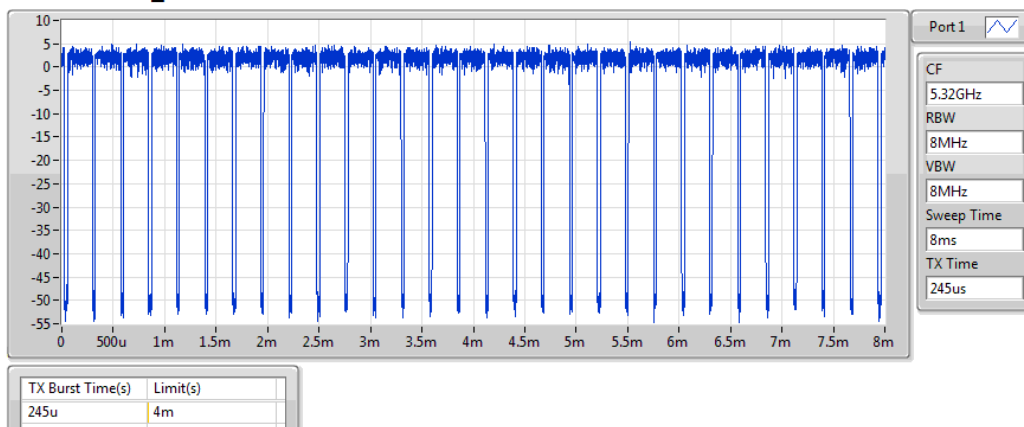
## Transmission Burst Length Result

## Appendix G

802.11a\_Nss1\_1TX

TX Burst

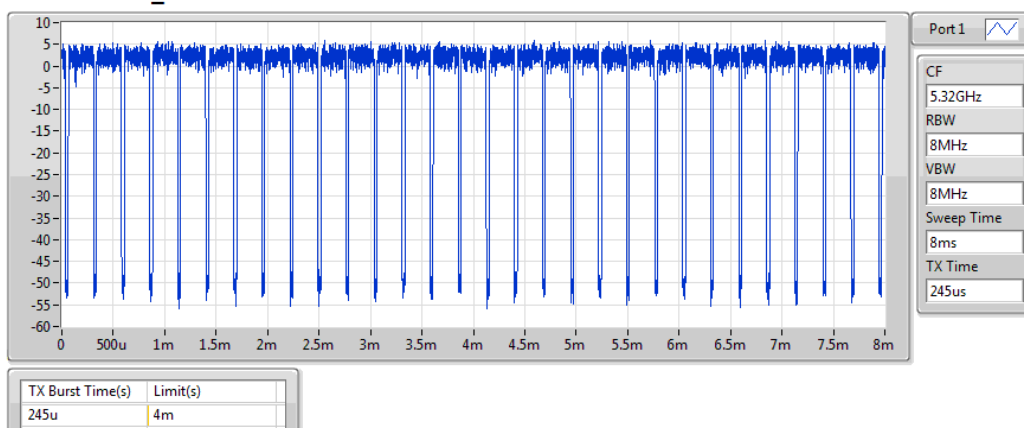
5320MHz\_TnomVnom



802.11a\_Nss1\_1TX

TX Burst

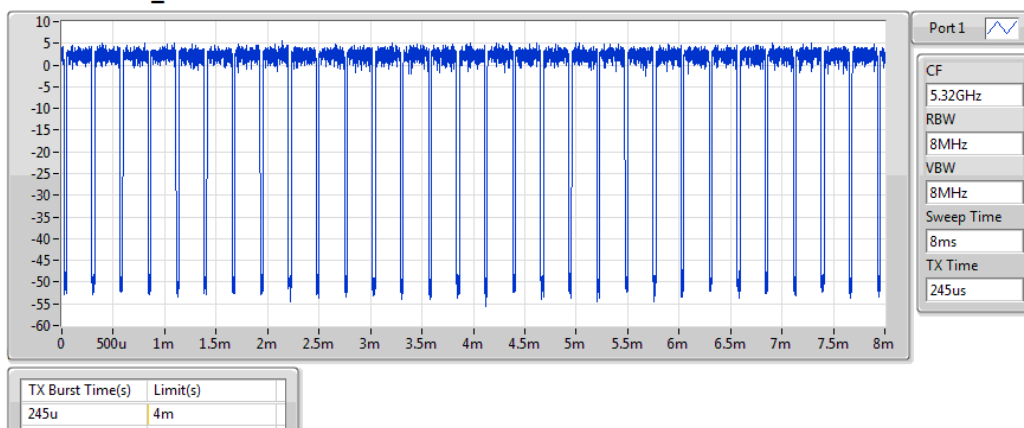
5320MHz\_TnomVmin



802.11a\_Nss1\_1TX

TX Burst

5320MHz\_TnomVmax





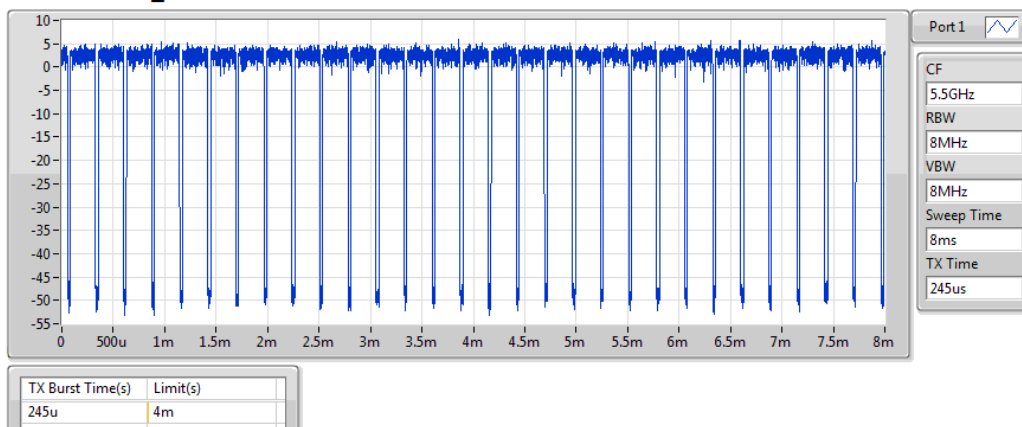
## Transmission Burst Length Result

## Appendix G

802.11a\_Nss1\_1TX

TX Burst

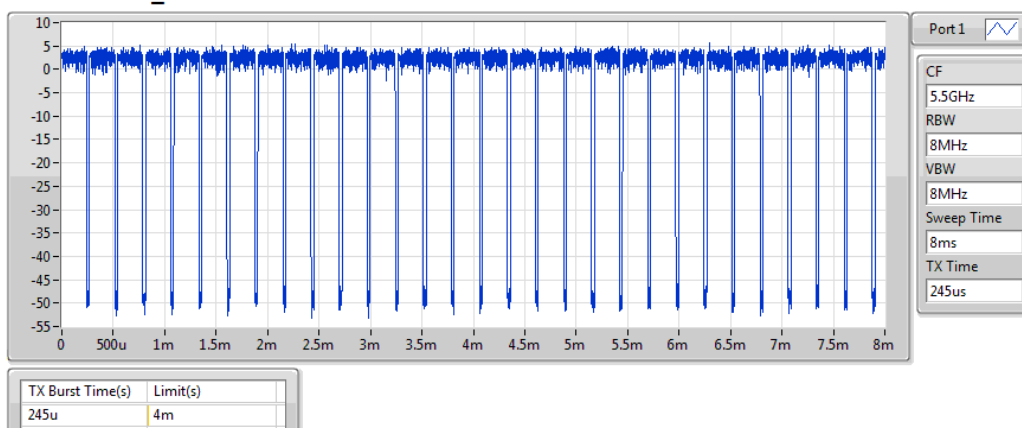
5500MHz\_TnomVnom



802.11a\_Nss1\_1TX

TX Burst

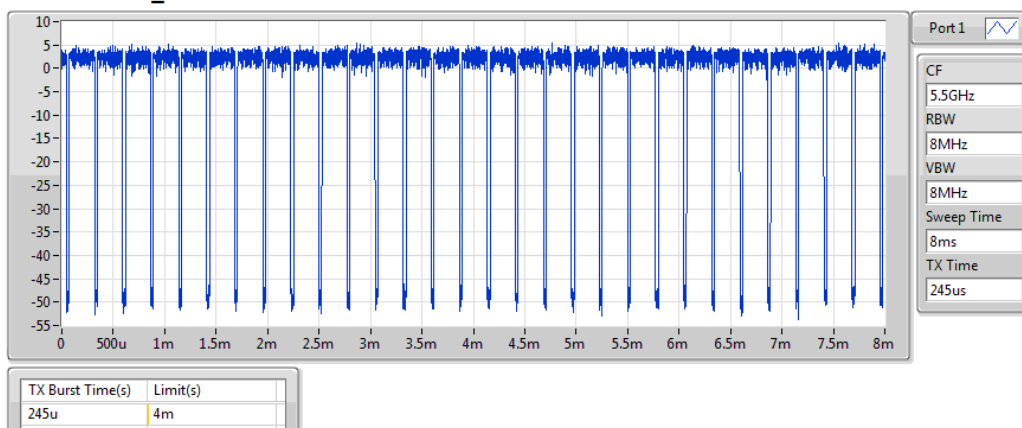
5500MHz\_TnomVmin



802.11a\_Nss1\_1TX

TX Burst

5500MHz\_TnomVmax





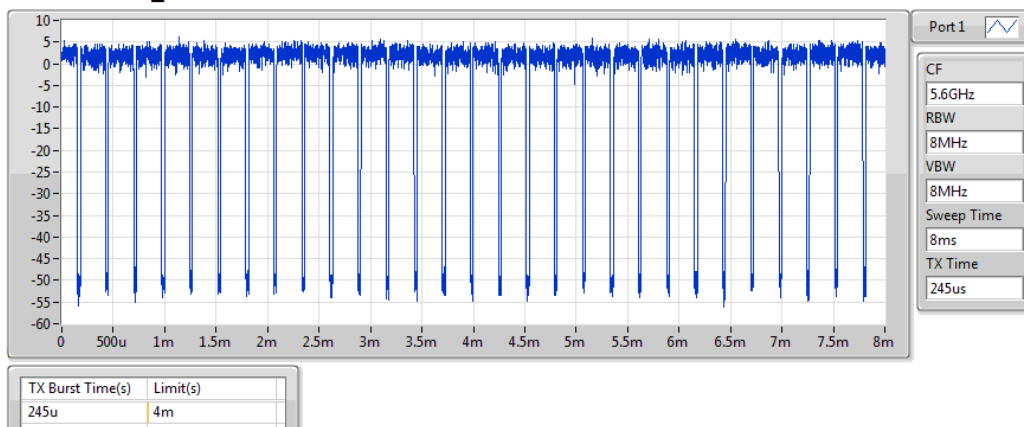
## Transmission Burst Length Result

## Appendix G

802.11a\_Nss1\_1TX

TX Burst

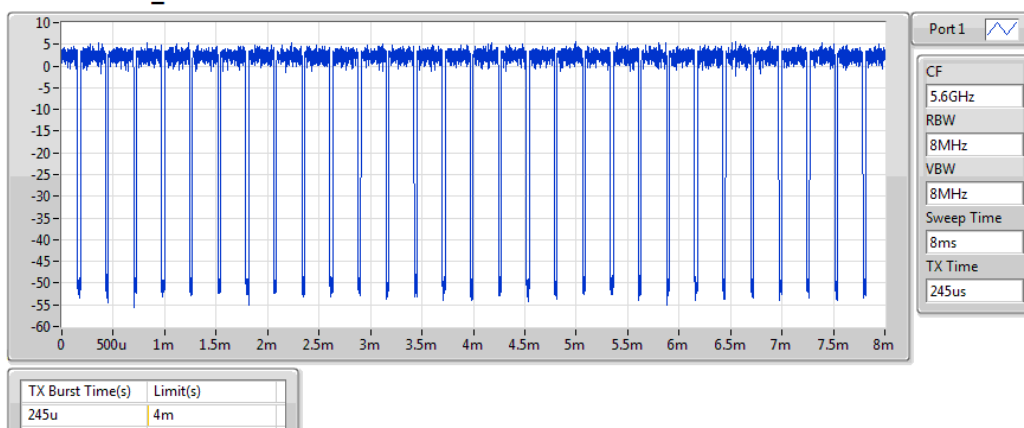
5600MHz\_TnomVnom



802.11a\_Nss1\_1TX

TX Burst

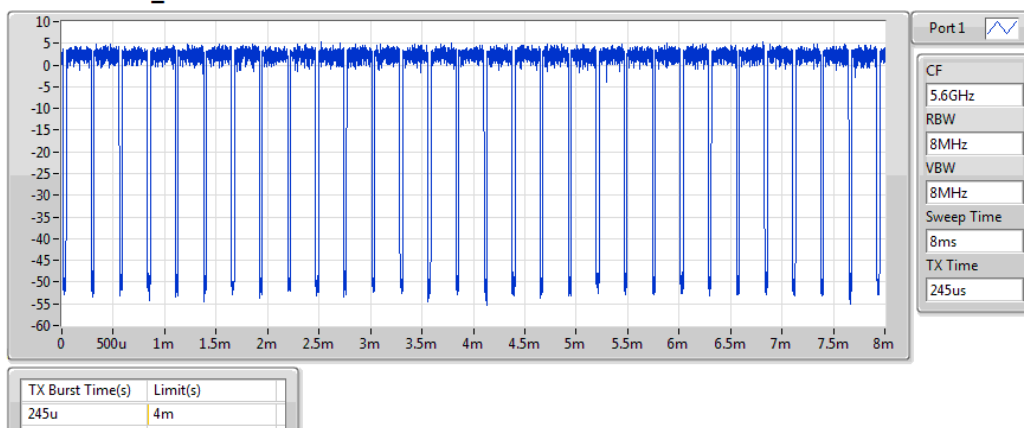
5600MHz\_TnomVmin



802.11a\_Nss1\_1TX

TX Burst

5600MHz\_TnomVmax





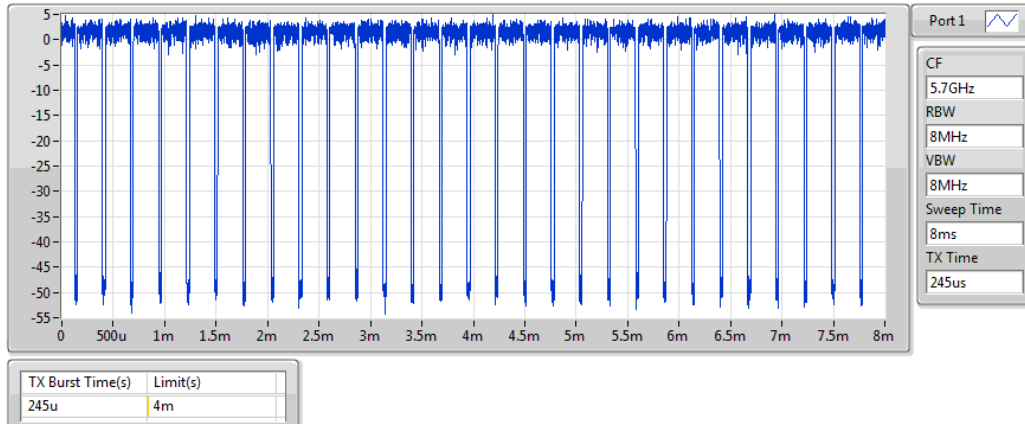
## Transmission Burst Length Result

## Appendix G

802.11a\_Nss1\_1TX

TX Burst

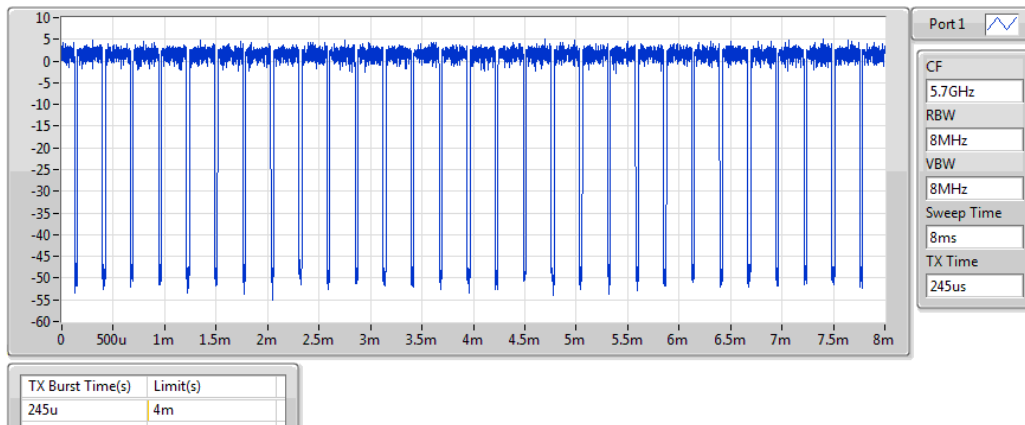
5700MHz\_TnomVnom



802.11a\_Nss1\_1TX

TX Burst

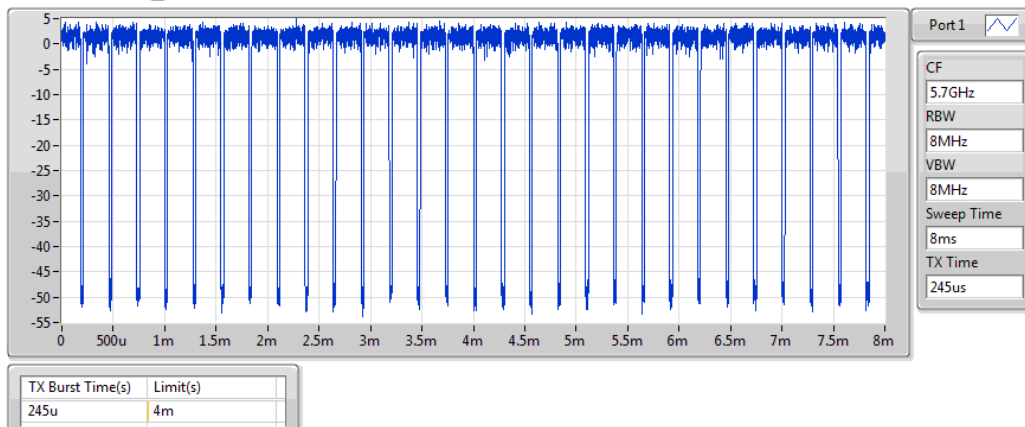
5700MHz\_TnomVmin



802.11a\_Nss1\_1TX

TX Burst

5700MHz\_TnomVmax





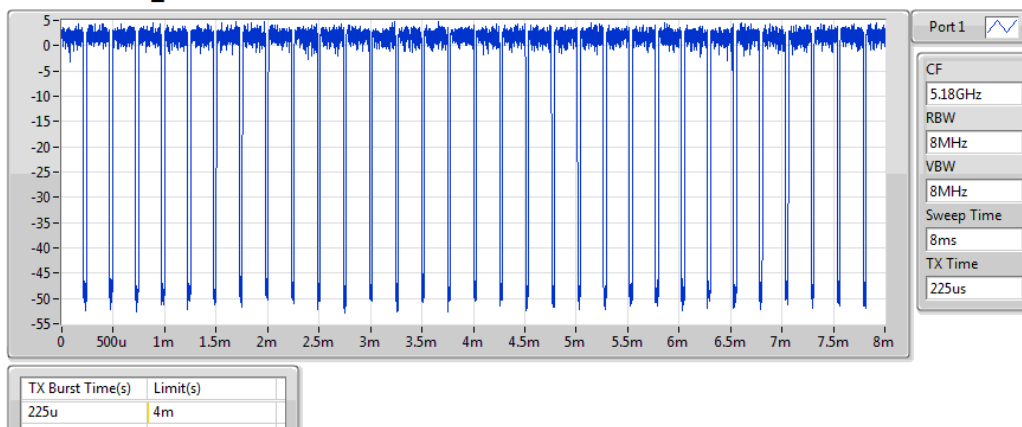
## Transmission Burst Length Result

## Appendix G

802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

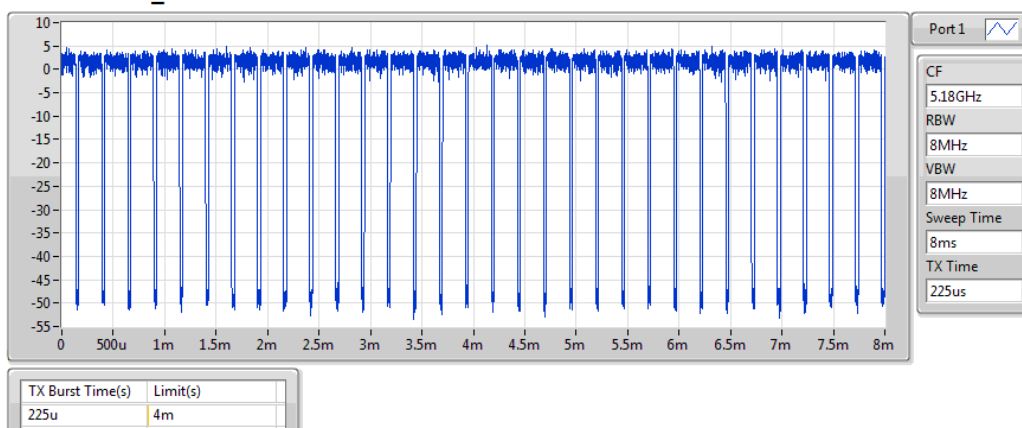
5180MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

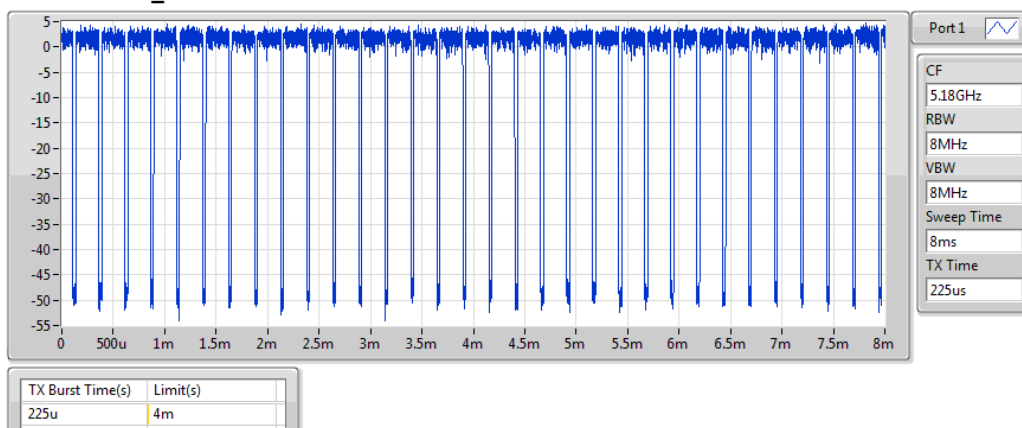
5180MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

5180MHz\_TnomVmax





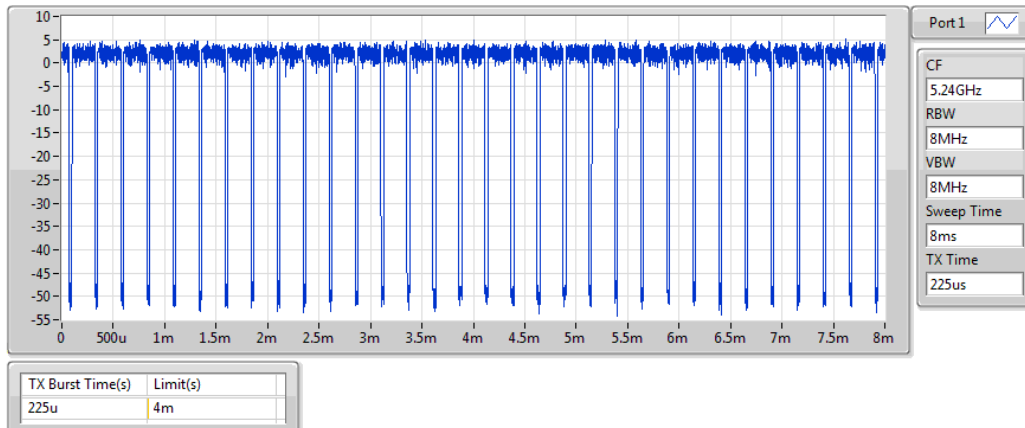
## Transmission Burst Length Result

## Appendix G

802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

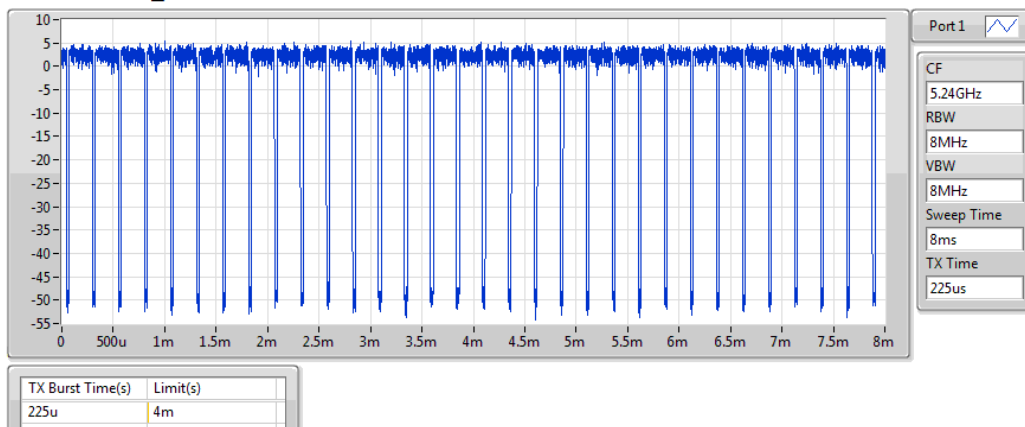
5240MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

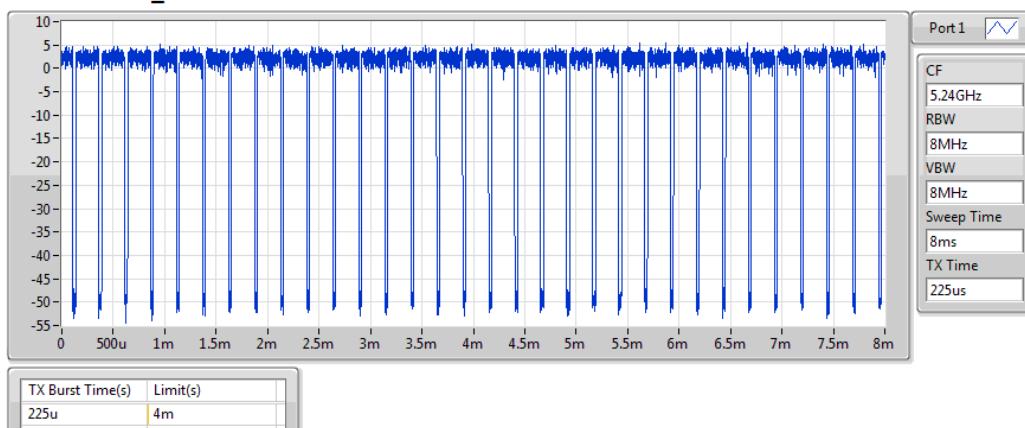
5240MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

5240MHz\_TnomVmax





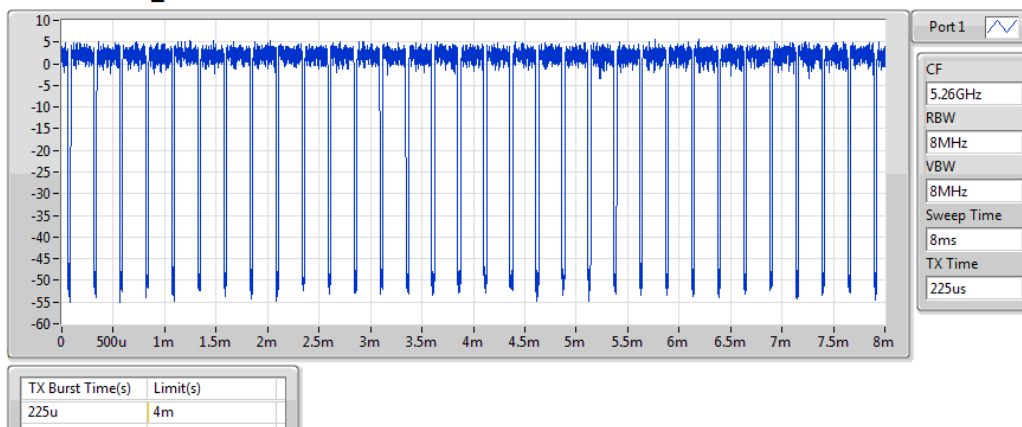
## Transmission Burst Length Result

## Appendix G

802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

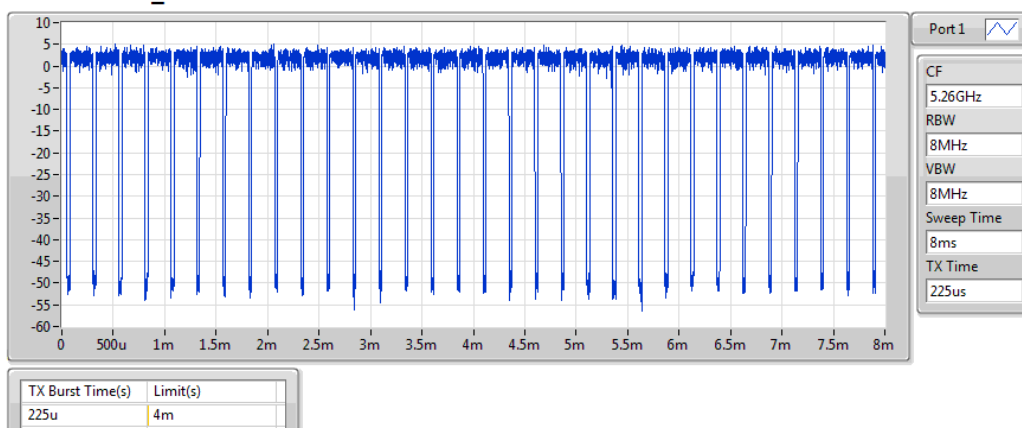
5260MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

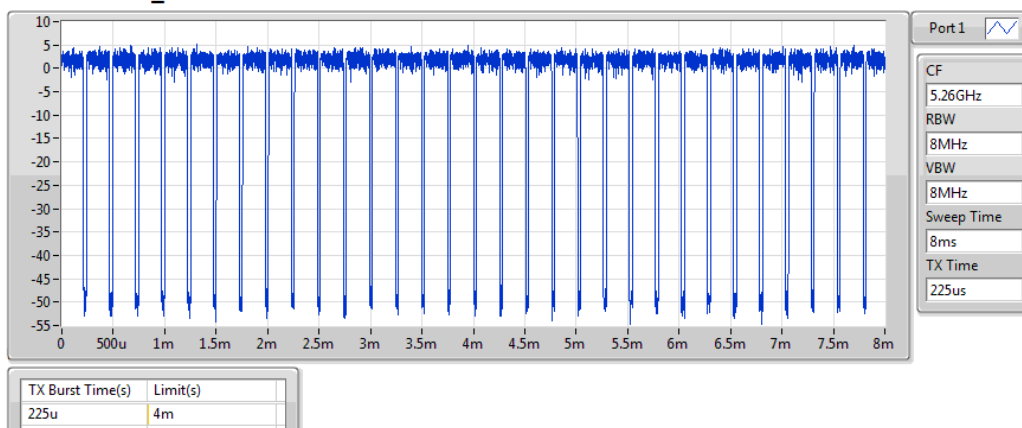
5260MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

5260MHz\_TnomVmax





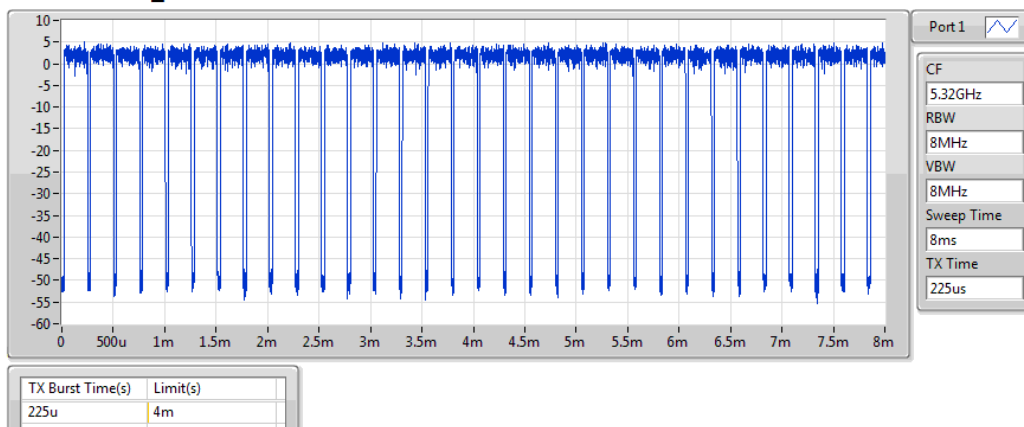
## Transmission Burst Length Result

## Appendix G

802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

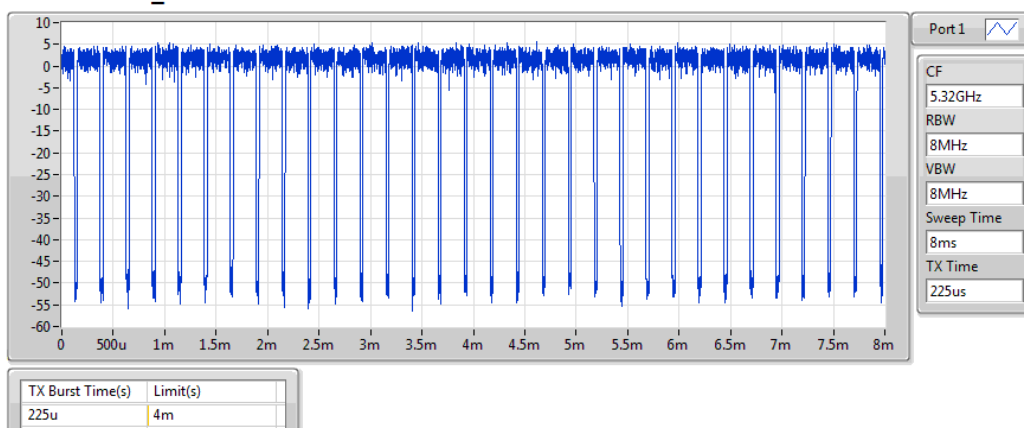
5320MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

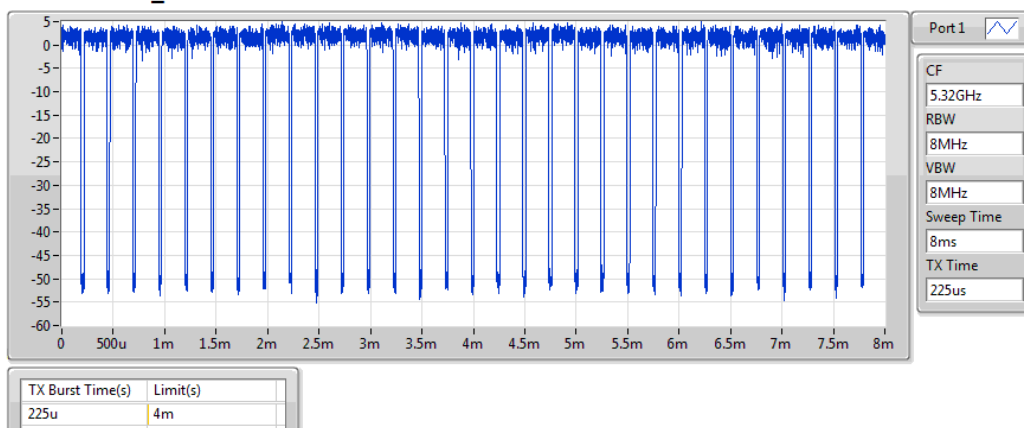
5320MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

5320MHz\_TnomVmax





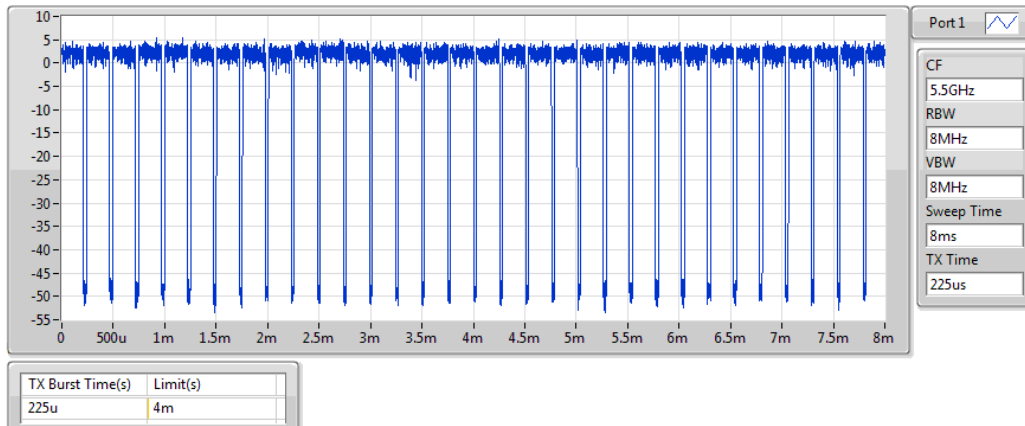
## Transmission Burst Length Result

## Appendix G

802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

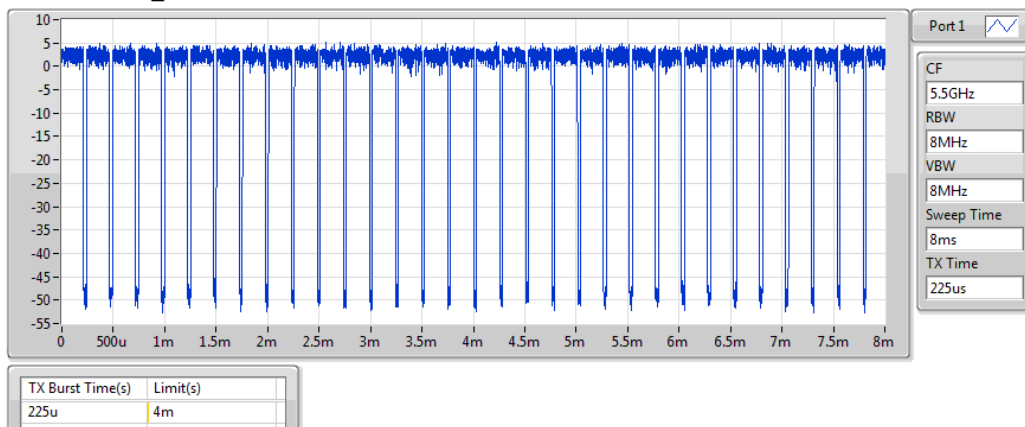
5500MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

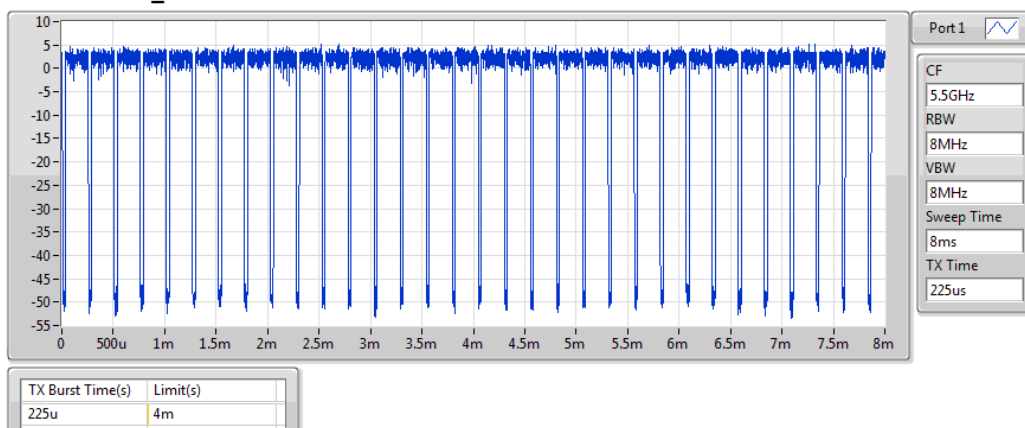
5500MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

5500MHz\_TnomVmax





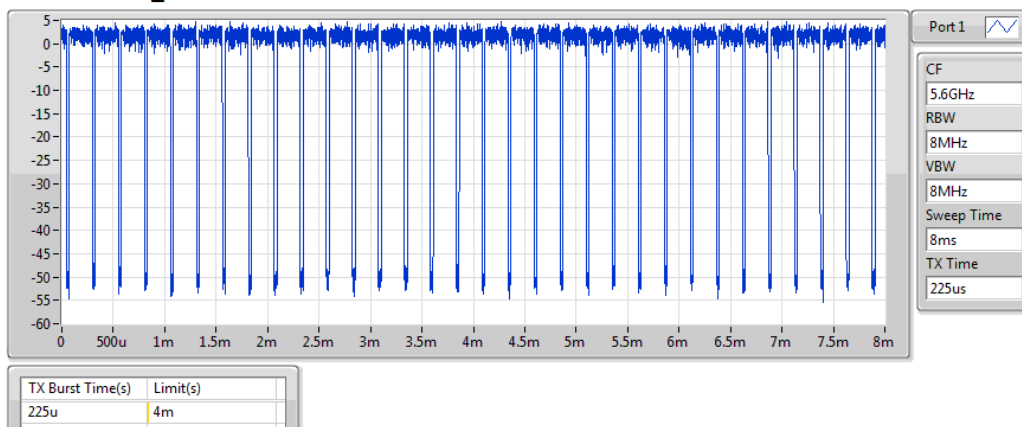
## Transmission Burst Length Result

## Appendix G

802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

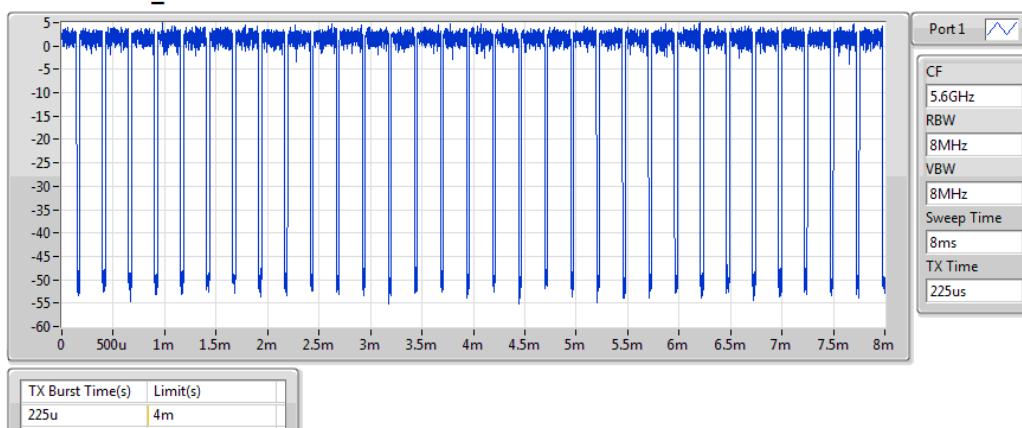
5600MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

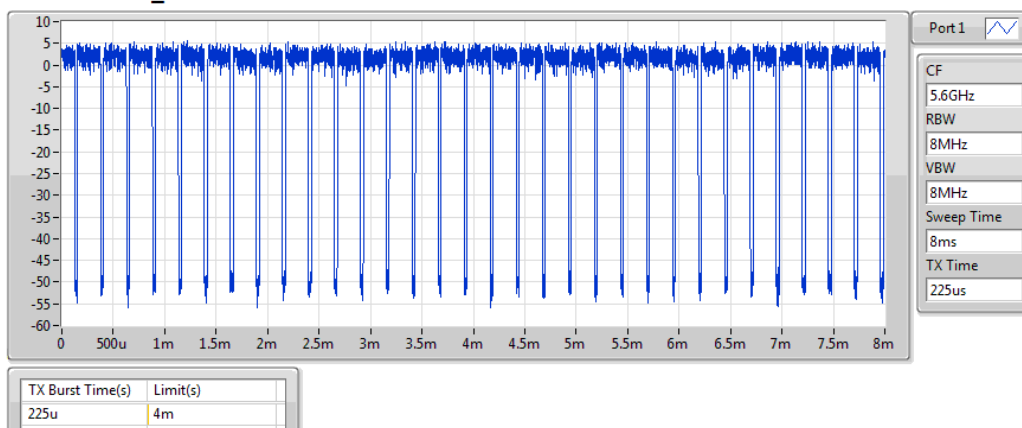
5600MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

5600MHz\_TnomVmax





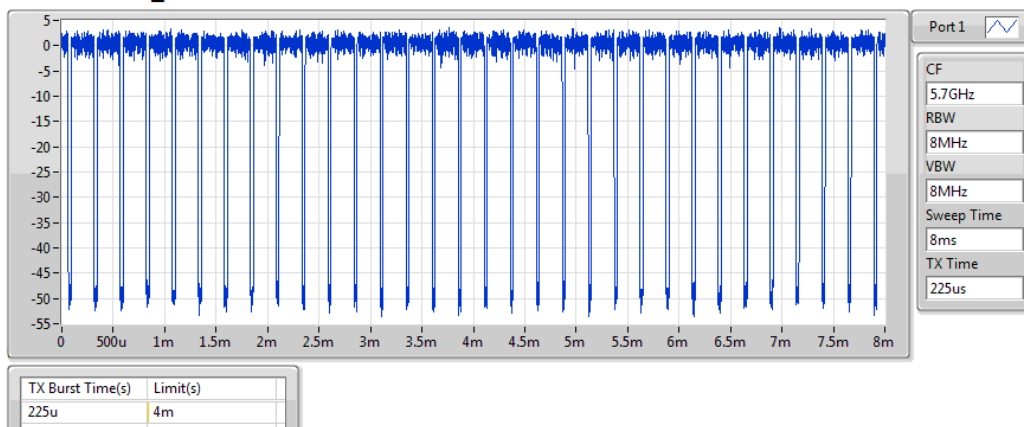
## Transmission Burst Length Result

## Appendix G

802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

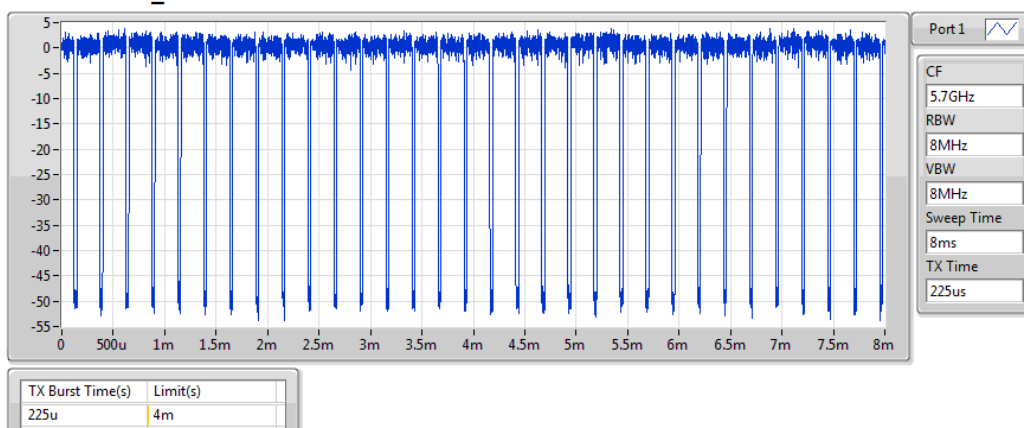
5700MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

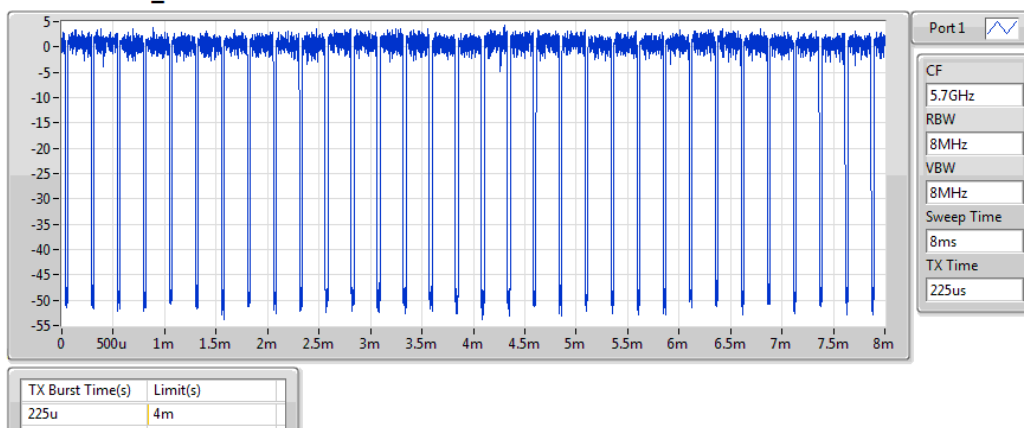
5700MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

TX Burst

5700MHz\_TnomVmax





## Carrier Sensing Function Result

Appendix H

### Summary

Mode	Result	Interference Pin (dBm)	Function
5.15-5.25GHz	-	-	-
802.11a_Nss1_1TX	Pass	-47.70	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	-47.70	Good
5.25-5.35GHz	-	-	-
802.11a_Nss1_1TX	Pass	-47.83	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	-47.83	Good
5.47-5.725GHz	-	-	-
802.11a_Nss1_1TX	Pass	-48.33	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	-48.33	Good



## Carrier Sensing Function Result

## Appendix H

### Result

Mode	Result	Interference Pin (dBm)	Function
802.11a_Nss1_1TX	-	-	-
5180MHz_TnomVnom	Pass	-47.60	Good
5180MHz_TnomVmin	Pass	-47.60	Good
5180MHz_TnomVmax	Pass	-47.60	Good
5240MHz_TnomVnom	Pass	-47.70	Good
5240MHz_TnomVmin	Pass	-47.70	Good
5240MHz_TnomVmax	Pass	-47.70	Good
5260MHz_TnomVnom	Pass	-47.73	Good
5260MHz_TnomVmin	Pass	-47.73	Good
5260MHz_TnomVmax	Pass	-47.73	Good
5320MHz_TnomVnom	Pass	-47.83	Good
5320MHz_TnomVmin	Pass	-47.83	Good
5320MHz_TnomVmax	Pass	-47.83	Good
5500MHz_TnomVnom	Pass	-48.02	Good
5500MHz_TnomVmin	Pass	-48.02	Good
5500MHz_TnomVmax	Pass	-48.02	Good
5600MHz_TnomVnom	Pass	-48.17	Good
5600MHz_TnomVmin	Pass	-48.17	Good
5600MHz_TnomVmax	Pass	-48.17	Good
5700MHz_TnomVnom	Pass	-48.33	Good
5700MHz_TnomVmin	Pass	-48.33	Good
5700MHz_TnomVmax	Pass	-48.33	Good
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-
5180MHz_TnomVnom	Pass	-47.60	Good
5180MHz_TnomVmin	Pass	-47.60	Good
5180MHz_TnomVmax	Pass	-47.60	Good
5240MHz_TnomVnom	Pass	-47.70	Good
5240MHz_TnomVmin	Pass	-47.70	Good
5240MHz_TnomVmax	Pass	-47.70	Good
5260MHz_TnomVnom	Pass	-47.73	Good
5260MHz_TnomVmin	Pass	-47.73	Good
5260MHz_TnomVmax	Pass	-47.73	Good
5320MHz_TnomVnom	Pass	-47.83	Good
5320MHz_TnomVmin	Pass	-47.83	Good
5320MHz_TnomVmax	Pass	-47.83	Good
5500MHz_TnomVnom	Pass	-48.02	Good
5500MHz_TnomVmin	Pass	-48.02	Good
5500MHz_TnomVmax	Pass	-48.02	Good
5600MHz_TnomVnom	Pass	-48.17	Good
5600MHz_TnomVmin	Pass	-48.17	Good



## ***Carrier Sensing Function Result***

Appendix H

Mode	Result	Interference Pin (dBm)	Function
5600MHz_TnomVmax	Pass	-48.17	Good
5700MHz_TnomVnom	Pass	-48.33	Good
5700MHz_TnomVmin	Pass	-48.33	Good
5700MHz_TnomVmax	Pass	-48.33	Good



## Interference Prevention Function Result

Appendix I

### Summary

Mode	Result	ID Length	ID Limit	Function
5.15-5.25GHz	-	-	-	-
802.11a_Nss1_1TX	Pass	00:17:23:E0:09:10	19 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	00:17:23:E0:09:10	19 bits	Good
5.25-5.35GHz	-	-	-	-
802.11a_Nss1_1TX	Pass	00:17:23:E0:09:10	19 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	00:17:23:E0:09:10	19 bits	Good
5.47-5.725GHz	-	-	-	-
802.11a_Nss1_1TX	Pass	00:17:23:E0:09:10	19 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	00:17:23:E0:09:10	19 bits	Good



## Interference Prevention Function Result

## Appendix I

### Result

Mode	Result	ID Length	ID Limit	Function
802.11a_Nss1_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5180MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5180MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5240MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5240MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5240MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5260MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5260MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5260MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5320MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5320MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5320MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5500MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5500MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5500MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5600MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5600MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5600MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5700MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5700MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5700MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5180MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5180MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5240MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5240MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5240MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5260MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5260MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5260MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5320MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5320MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5320MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5500MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5500MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5500MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5600MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5600MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good



## ***Interference Prevention Function Result***

Appendix I

Mode	Result	ID Length	ID Limit	Function
5600MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good
5700MHz_TnomVnom	Pass	00:17:23:E0:09:10	19 bits	Good
5700MHz_TnomVmin	Pass	00:17:23:E0:09:10	19 bits	Good
5700MHz_TnomVmax	Pass	00:17:23:E0:09:10	19 bits	Good



## CSE-RX Secondary Radiated Emissions Result

## Appendix J

### Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW/MHz)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	1G	26G	1M	26G	-66.61	0.21827	20	-19.62	-66.61
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25.92188G	-66.56	0.2208	20	-19.57	-66.56
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	1G	26G	1M	25.99688G	-66.55	0.22131	20	-19.56	-66.55
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25.925G	-66.48	0.22491	20	-19.49	-66.48
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1_1TX	Pass	1G	26G	1M	25.90625G	-66.18	0.24099	20	-19.19	-66.18
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1G	26G	1M	25.925G	-66.28	0.2355	20	-19.29	-66.28

**CSE-RX Secondary Radiated Emissions Result****Appendix J****Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW/MHz)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)
802.11a_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-84.65	0.00343	4	-30.67	-84.65
5180MHz_TnomVnom	Pass	1G	26G	1M	25.97188G	-66.89	0.20464	20	-19.90	-66.89
5180MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-83.46	0.00451	4	-29.48	-83.46
5180MHz_TnomVmin	Pass	1G	26G	1M	25.59688G	-66.71	0.2133	20	-19.72	-66.71
5180MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-85.18	0.00303	4	-31.20	-85.18
5180MHz_TnomVmax	Pass	1G	26G	1M	26G	-66.75	0.21135	20	-19.76	-66.75
5240MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-87.25	0.00188	4	-33.27	-87.25
5240MHz_TnomVnom	Pass	1G	26G	1M	25.91875G	-66.75	0.21135	20	-19.76	-66.75
5240MHz_TnomVmin	Pass	30M	1G	100k	931.37M	-88.77	0.00133	4	-34.79	-88.77
5240MHz_TnomVmin	Pass	1G	26G	1M	25.91563G	-66.81	0.20845	20	-19.82	-66.81
5240MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-88.31	0.00148	4	-34.33	-88.31
5240MHz_TnomVmax	Pass	1G	26G	1M	26G	-66.61	0.21827	20	-19.62	-66.61
5260MHz_TnomVnom	Pass	30M	1G	100k	775.32M	-87.64	0.00172	4	-33.66	-87.64
5260MHz_TnomVnom	Pass	1G	26G	1M	25.78125G	-66.61	0.21827	20	-19.62	-66.61
5260MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-86.03	0.00249	4	-32.05	-86.03
5260MHz_TnomVmin	Pass	1G	26G	1M	25.9375G	-66.71	0.2133	20	-19.72	-66.71
5260MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-86.03	0.00249	4	-32.05	-86.03
5260MHz_TnomVmax	Pass	1G	26G	1M	25.99688G	-66.55	0.22131	20	-19.56	-66.55
5320MHz_TnomVnom	Pass	30M	1G	100k	774.96M	-87.22	0.0019	4	-33.24	-87.22
5320MHz_TnomVnom	Pass	1G	26G	1M	25.87188G	-66.77	0.21038	20	-19.78	-66.77
5320MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-87.30	0.00186	4	-33.32	-87.30
5320MHz_TnomVmin	Pass	1G	26G	1M	25.90938G	-66.76	0.21086	20	-19.77	-66.76
5320MHz_TnomVmax	Pass	30M	1G	100k	932.34M	-87.56	0.00175	4	-33.58	-87.56
5320MHz_TnomVmax	Pass	1G	26G	1M	25.97813G	-66.88	0.20512	20	-19.89	-66.88
5500MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-85.66	0.00272	4	-31.68	-85.66
5500MHz_TnomVnom	Pass	1G	26G	1M	25.89063G	-66.65	0.21627	20	-19.66	-66.65
5500MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-85.82	0.00262	4	-31.84	-85.82
5500MHz_TnomVmin	Pass	1G	26G	1M	25.9125G	-66.68	0.21478	20	-19.69	-66.68
5500MHz_TnomVmax	Pass	30M	1G	100k	774.6M	-87.22	0.0019	4	-33.24	-87.22
5500MHz_TnomVmax	Pass	1G	26G	1M	25.98125G	-66.72	0.21281	20	-19.73	-66.72
5600MHz_TnomVnom	Pass	30M	1G	100k	953.93M	-86.55	0.00221	4	-32.57	-86.55
5600MHz_TnomVnom	Pass	1G	26G	1M	26G	-66.82	0.20797	20	-19.83	-66.82
5600MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-85.33	0.00293	4	-31.35	-85.33



## CSE-RX Secondary Radiated Emissions Result

## Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW/MHz)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)
5600MHz_TnomVmin	Pass	1G	26G	1M	25.96563G	-66.45	0.22646	20	-19.46	-66.45
5600MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-87.14	0.00193	4	-33.16	-87.14
5600MHz_TnomVmax	Pass	1G	26G	1M	25.9375G	-66.87	0.20559	20	-19.88	-66.87
5700MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-86.09	0.00246	4	-32.11	-86.09
5700MHz_TnomVnom	Pass	1G	26G	1M	25.92188G	-66.44	0.22699	20	-19.45	-66.44
5700MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-85.33	0.00293	4	-31.35	-85.33
5700MHz_TnomVmin	Pass	1G	26G	1M	25.90625G	-66.18	0.24099	20	-19.19	-66.18
5700MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-88.85	0.0013	4	-34.87	-88.85
5700MHz_TnomVmax	Pass	1G	26G	1M	25.90625G	-66.55	0.22131	20	-19.56	-66.55
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	30M	1G	100k	774.96M	-83.39	0.00458	4	-29.41	-83.39
5180MHz_TnomVnom	Pass	1G	26G	1M	25.91563G	-66.81	0.20845	20	-19.82	-66.81
5180MHz_TnomVmin	Pass	30M	1G	100k	931.49M	-87.06	0.00197	4	-33.08	-87.06
5180MHz_TnomVmin	Pass	1G	26G	1M	25.90938G	-66.87	0.20559	20	-19.88	-66.87
5180MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-88.02	0.00158	4	-34.04	-88.02
5180MHz_TnomVmax	Pass	1G	26G	1M	25.95G	-66.62	0.21777	20	-19.63	-66.62
5240MHz_TnomVnom	Pass	30M	1G	100k	770.23M	-88.23	0.0015	4	-34.25	-88.23
5240MHz_TnomVnom	Pass	1G	26G	1M	25.91563G	-66.65	0.21627	20	-19.66	-66.65
5240MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-88.37	0.00146	4	-34.39	-88.37
5240MHz_TnomVmin	Pass	1G	26G	1M	25.92188G	-66.56	0.2208	20	-19.57	-66.56
5240MHz_TnomVmax	Pass	30M	1G	100k	769.63M	-88.16	0.00153	4	-34.18	-88.16
5240MHz_TnomVmax	Pass	1G	26G	1M	25.90313G	-66.90	0.20417	20	-19.91	-66.90
5260MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-86.08	0.00247	4	-32.10	-86.08
5260MHz_TnomVnom	Pass	1G	26G	1M	25.90313G	-66.64	0.21677	20	-19.65	-66.64
5260MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-85.59	0.00276	4	-31.61	-85.59
5260MHz_TnomVmin	Pass	1G	26G	1M	25.8625G	-66.75	0.21135	20	-19.76	-66.75
5260MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-85.75	0.00266	4	-31.77	-85.75
5260MHz_TnomVmax	Pass	1G	26G	1M	25.82813G	-66.85	0.20654	20	-19.86	-66.85
5320MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-86.33	0.00233	4	-32.35	-86.33
5320MHz_TnomVnom	Pass	1G	26G	1M	25.85938G	-66.88	0.20512	20	-19.89	-66.88
5320MHz_TnomVmin	Pass	30M	1G	100k	744.77M	-79.91	0.01021	4	-25.93	-79.91
5320MHz_TnomVmin	Pass	1G	26G	1M	25.925G	-66.48	0.22491	20	-19.49	-66.48
5320MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-85.55	0.00279	4	-31.57	-85.55
5320MHz_TnomVmax	Pass	1G	26G	1M	25.99063G	-66.80	0.20893	20	-19.81	-66.80



## CSE-RX Secondary Radiated Emissions Result

## Appendix J

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW/MHz)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)
5500MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-85.96	0.00254	4	-31.98	-85.96
5500MHz_TnomVnom	Pass	1G	26G	1M	25.90625G	-66.67	0.21528	20	-19.68	-66.67
5500MHz_TnomVmin	Pass	30M	1G	100k	932.83M	-88.18	0.00152	4	-34.20	-88.18
5500MHz_TnomVmin	Pass	1G	26G	1M	25.96563G	-66.72	0.21281	20	-19.73	-66.72
5500MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-86.26	0.00237	4	-32.28	-86.26
5500MHz_TnomVmax	Pass	1G	26G	1M	25.9625G	-66.71	0.2133	20	-19.72	-66.71
5600MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-86.36	0.00231	4	-32.38	-86.36
5600MHz_TnomVnom	Pass	1G	26G	1M	25.89375G	-66.46	0.22594	20	-19.47	-66.46
5600MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-85.43	0.00286	4	-31.45	-85.43
5600MHz_TnomVmin	Pass	1G	26G	1M	25.99375G	-66.71	0.2133	20	-19.72	-66.71
5600MHz_TnomVmax	Pass	30M	1G	100k	775.32M	-87.48	0.00179	4	-33.50	-87.48
5600MHz_TnomVmax	Pass	1G	26G	1M	25.92188G	-66.77	0.21038	20	-19.78	-66.77
5700MHz_TnomVnom	Pass	30M	1G	100k	953.8M	-87.66	0.00171	4	-33.68	-87.66
5700MHz_TnomVnom	Pass	1G	26G	1M	25.93125G	-66.32	0.23335	20	-19.33	-66.32
5700MHz_TnomVmin	Pass	30M	1G	100k	953.8M	-86.82	0.00208	4	-32.84	-86.82
5700MHz_TnomVmin	Pass	1G	26G	1M	26G	-66.61	0.21827	20	-19.62	-66.61
5700MHz_TnomVmax	Pass	30M	1G	100k	953.8M	-88.43	0.00144	4	-34.45	-88.43
5700MHz_TnomVmax	Pass	1G	26G	1M	25.925G	-66.28	0.2355	20	-19.29	-66.28



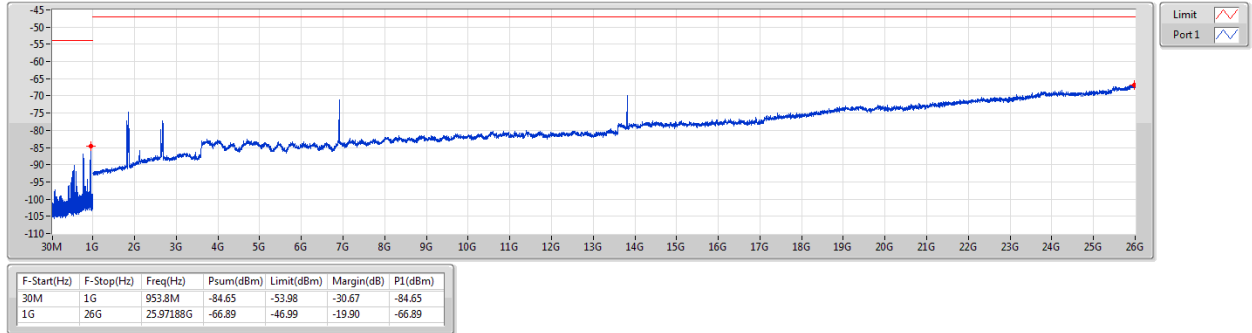
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a\_Nss1\_1TX

CSE-RX

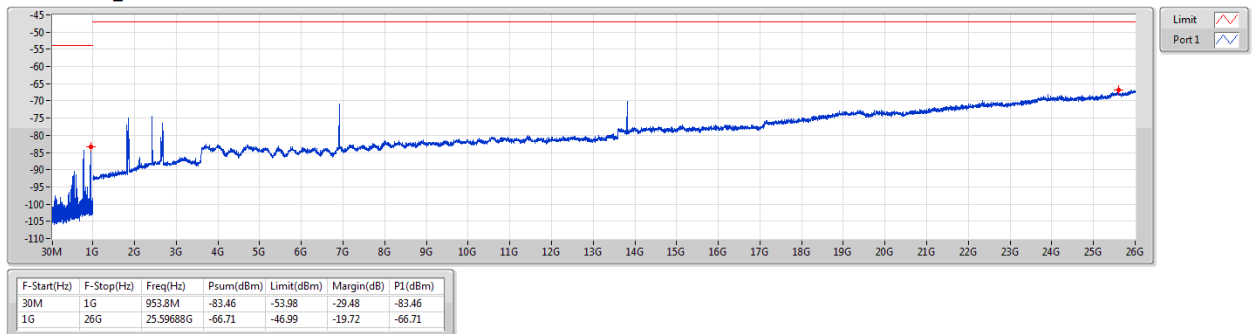
5180MHz\_TnomVnom



802.11a\_Nss1\_1TX

CSE-RX

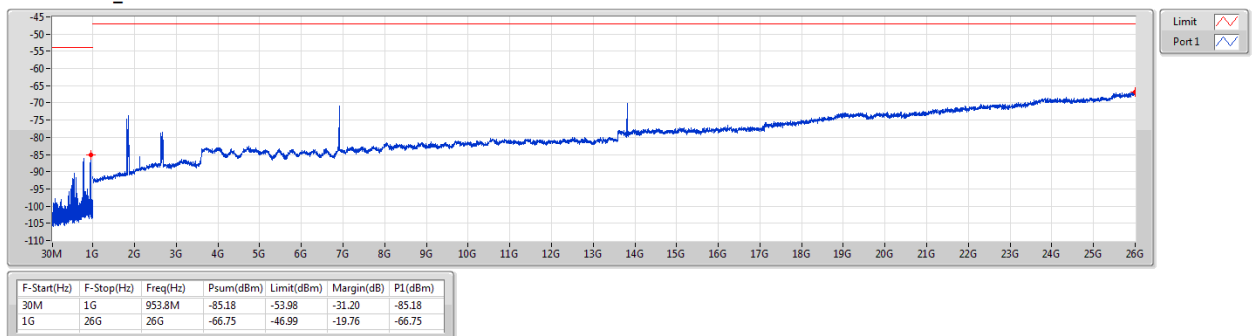
5180MHz\_TnomVmin



802.11a\_Nss1\_1TX

CSE-RX

5180MHz\_TnomVmax





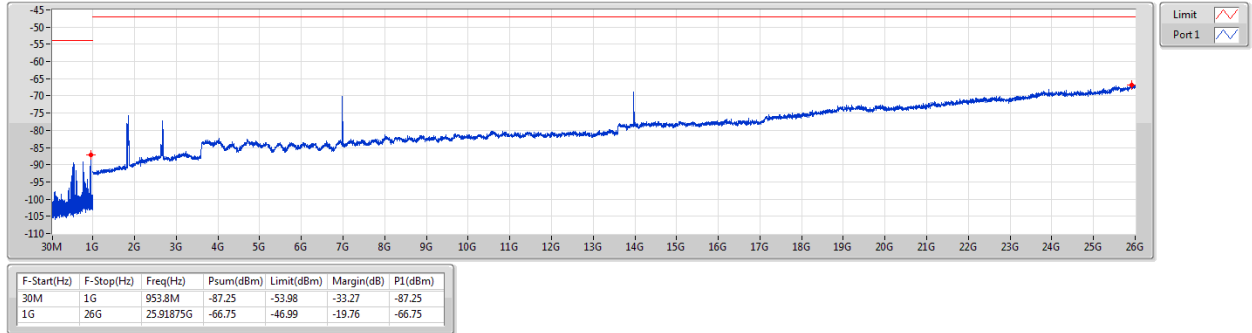
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a\_Nss1\_1TX

CSE-RX

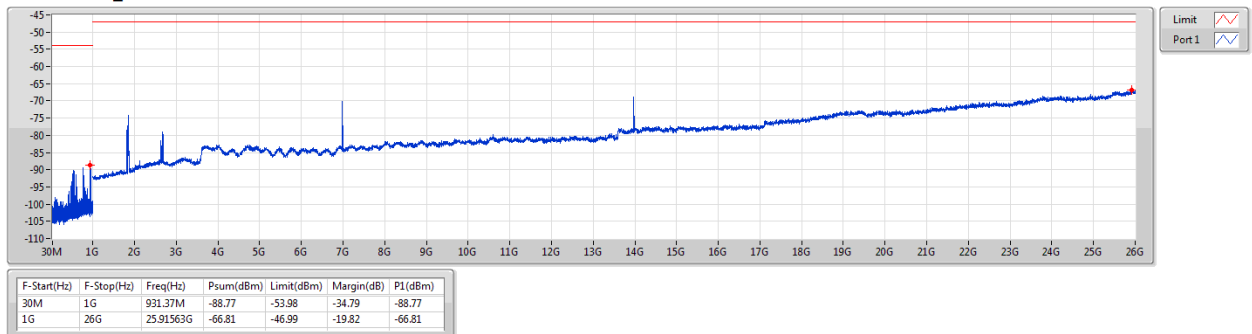
5240MHz\_TnomVnom



802.11a\_Nss1\_1TX

CSE-RX

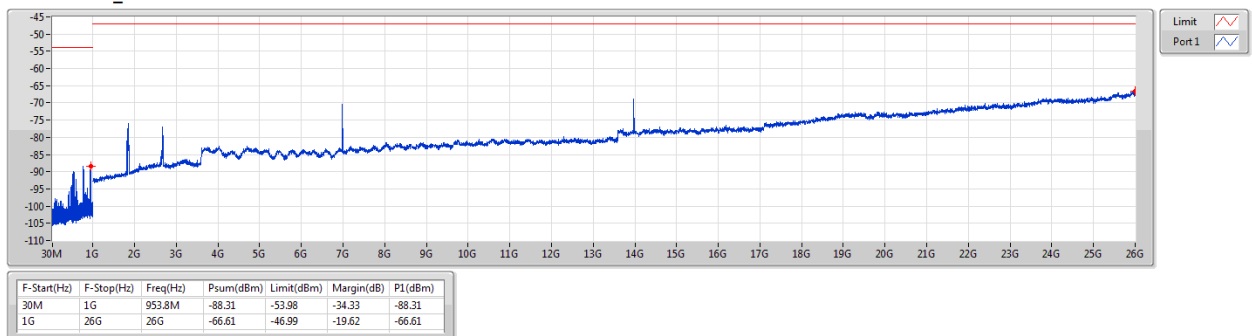
5240MHz\_TnomVmin



802.11a\_Nss1\_1TX

CSE-RX

5240MHz\_TnomVmax





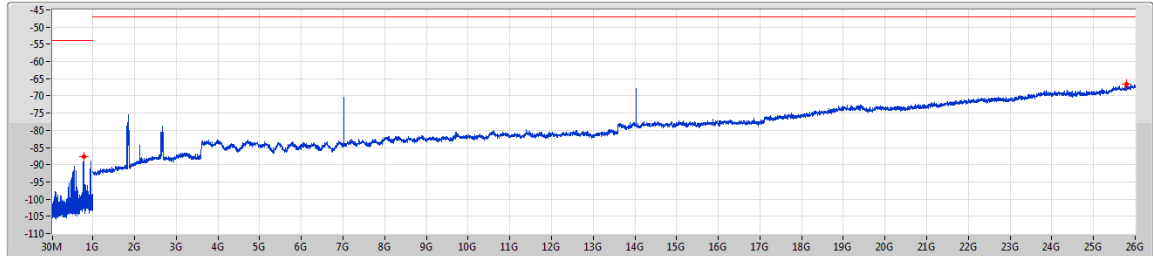
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a\_Nss1\_1TX

CSE-RX

5260MHz\_TnomVnom

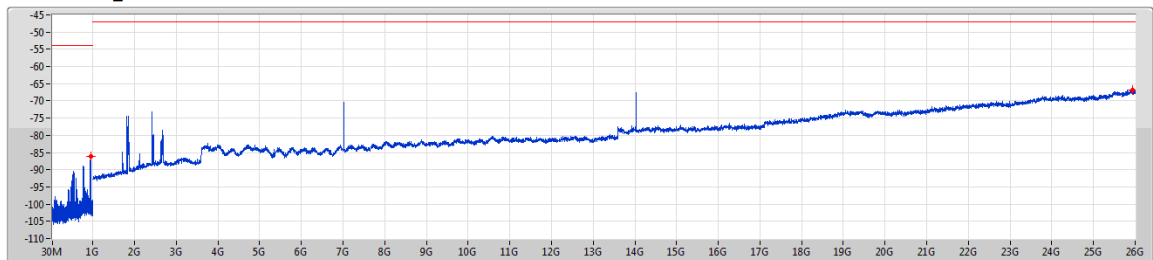


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	775.32M	-87.64	-53.98	-33.66	-87.64
1G	26G	25.78125G	-66.61	-46.99	-19.62	-66.61

802.11a\_Nss1\_1TX

CSE-RX

5260MHz\_TnomVmin

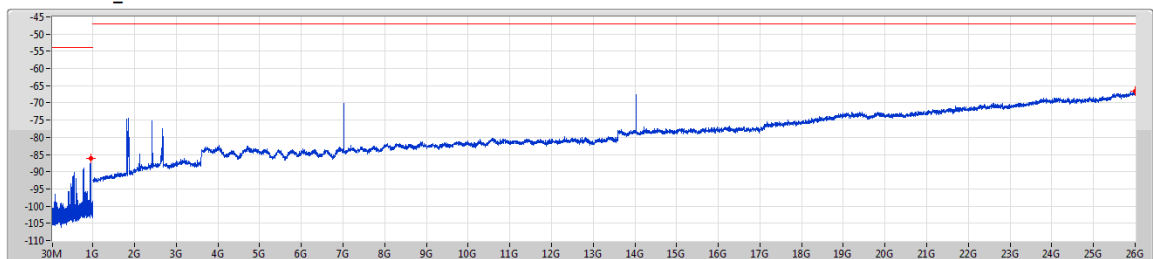


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-86.03	-53.98	-32.05	-86.03
1G	26G	25.9375G	-66.71	-46.99	-19.72	-66.71

802.11a\_Nss1\_1TX

CSE-RX

5260MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-86.03	-53.98	-32.05	-86.03
1G	26G	25.99688G	-66.55	-46.99	-19.56	-66.55



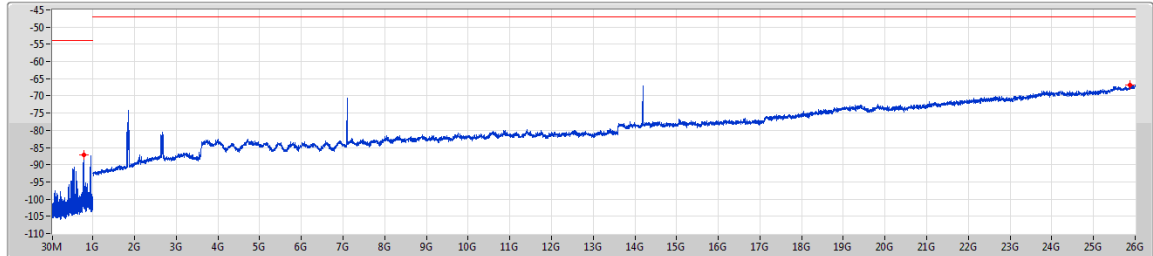
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a\_Nss1\_1TX

CSE-RX

5320MHz\_TnomVnom

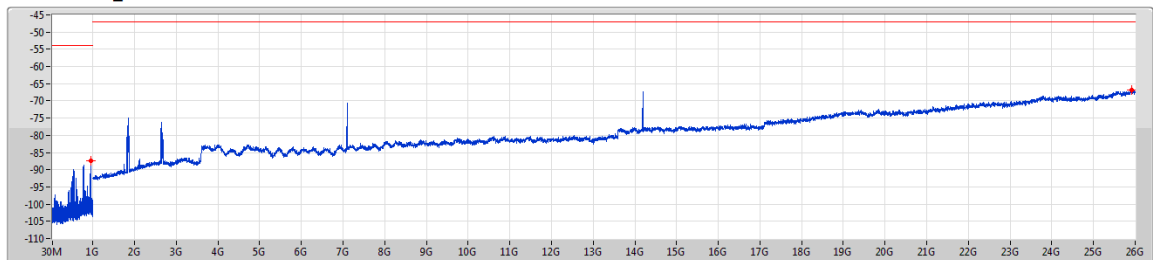


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	774.96M	-87.22	-53.98	-33.24	-87.22
1G	26G	25.87188G	-66.77	-46.99	-19.78	-66.77

802.11a\_Nss1\_1TX

CSE-RX

5320MHz\_TnomVmin

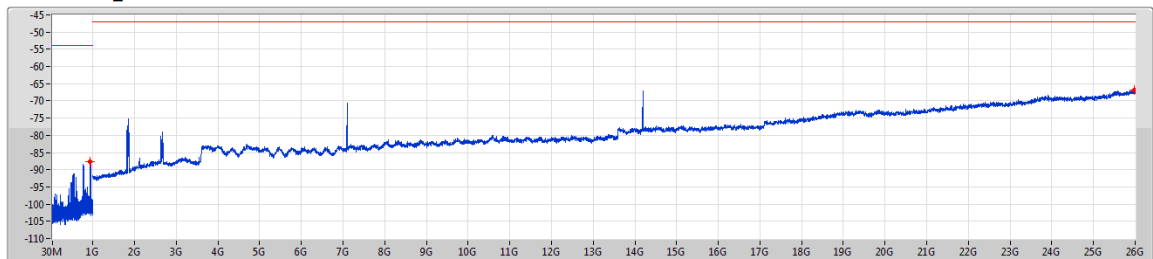


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-87.30	-53.98	-33.32	-87.30
1G	26G	25.90938G	-66.76	-46.99	-19.77	-66.76

802.11a\_Nss1\_1TX

CSE-RX

5320MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	932.34M	-87.56	-53.98	-33.58	-87.56
1G	26G	25.97813G	-66.88	-46.99	-19.89	-66.88



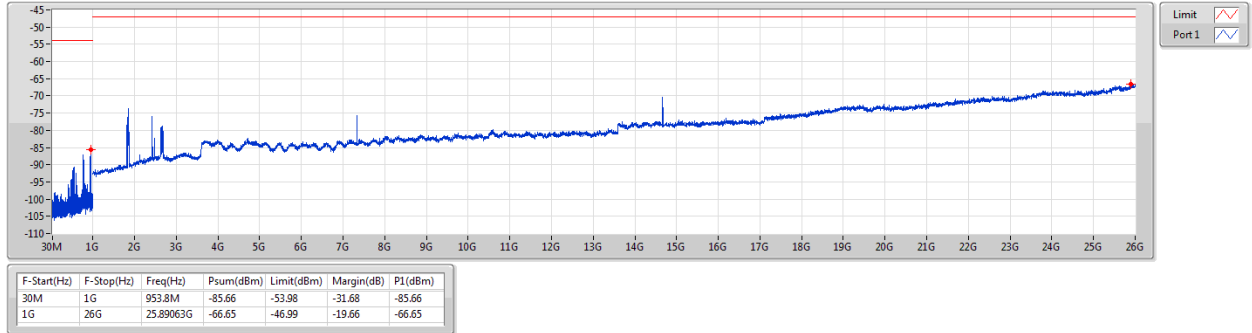
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a\_Nss1\_1TX

CSE-RX

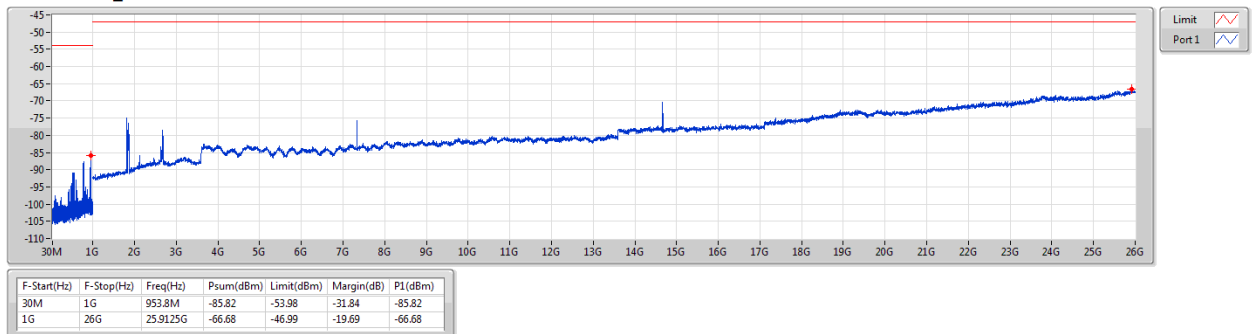
5500MHz\_TnomVnom



802.11a\_Nss1\_1TX

CSE-RX

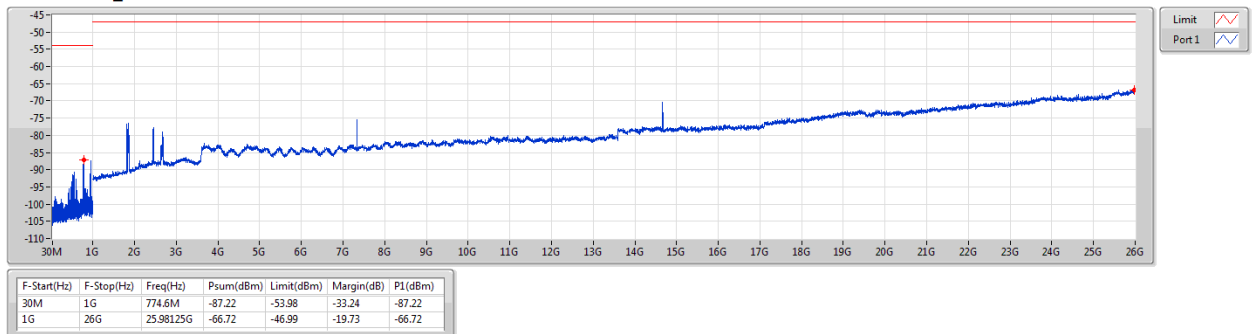
5500MHz\_TnomVmin



802.11a\_Nss1\_1TX

CSE-RX

5500MHz\_TnomVmax





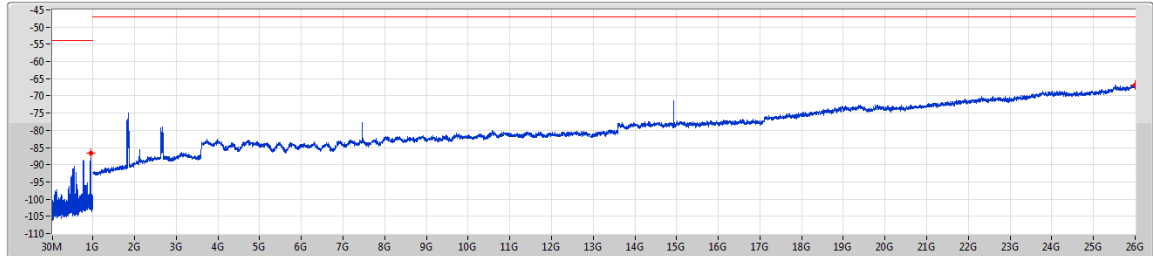
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a\_Nss1\_1TX

CSE-RX

5600MHz\_TnomVnom

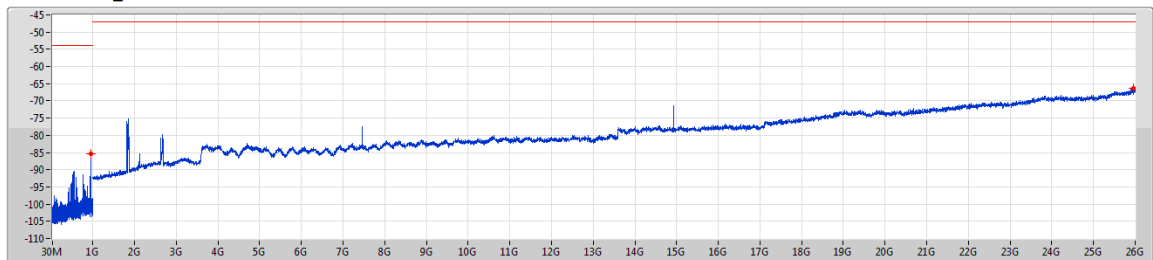


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.93M	-86.55	-53.98	-32.57	-86.55
1G	26G	26G	-66.82	-46.99	-19.83	-66.82

802.11a\_Nss1\_1TX

CSE-RX

5600MHz\_TnomVmin

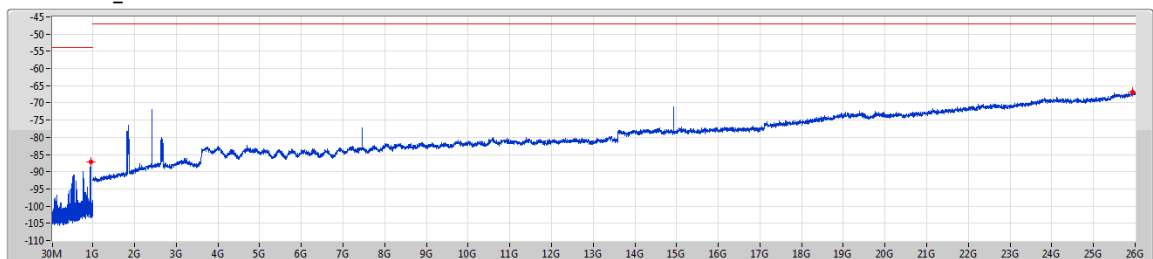


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-85.33	-53.98	-31.35	-85.33
1G	26G	25.96563G	-66.45	-46.99	-19.46	-66.45

802.11a\_Nss1\_1TX

CSE-RX

5600MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-87.14	-53.98	-33.16	-87.14
1G	26G	25.9375G	-66.87	-46.99	-19.88	-66.87



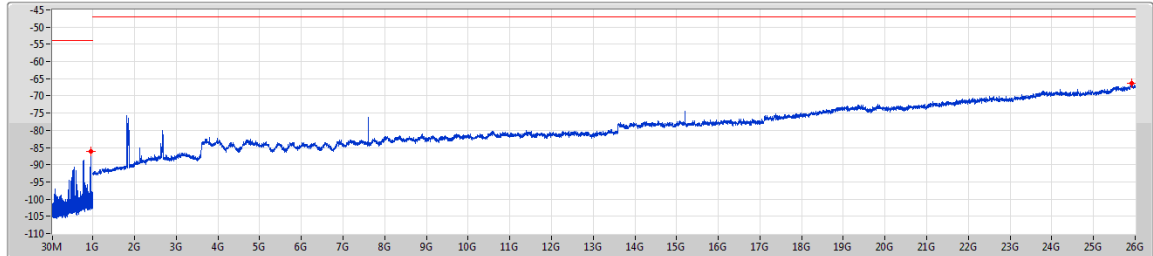
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11a\_Nss1\_1TX

CSE-RX

5700MHz\_TnomVnom

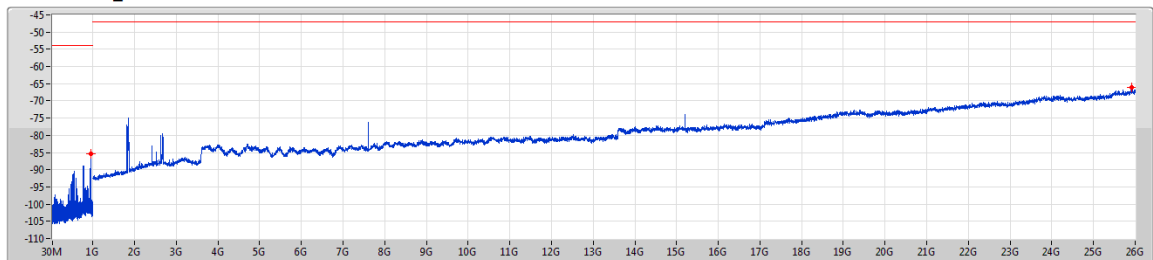


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-86.09	-53.98	-32.11	-86.09
1G	26G	25.92188G	-66.44	-46.99	-19.45	-66.44

802.11a\_Nss1\_1TX

CSE-RX

5700MHz\_TnomVmin

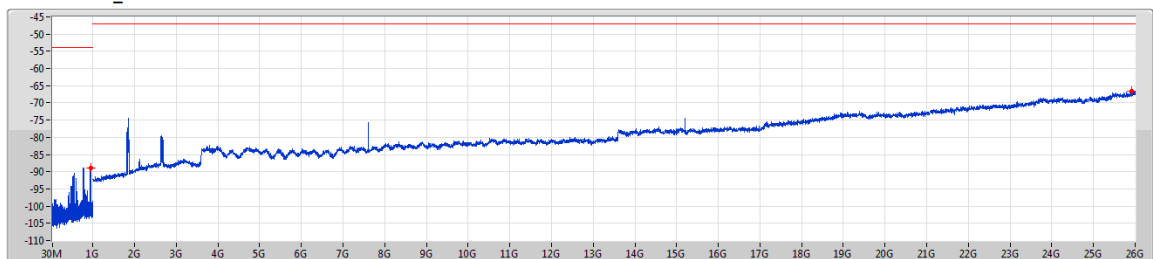


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-85.33	-53.98	-31.35	-85.33
1G	26G	25.90625G	-66.18	-46.99	-19.19	-66.18

802.11a\_Nss1\_1TX

CSE-RX

5700MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-88.85	-53.98	-34.87	-88.85
1G	26G	25.90625G	-66.55	-46.99	-19.56	-66.55



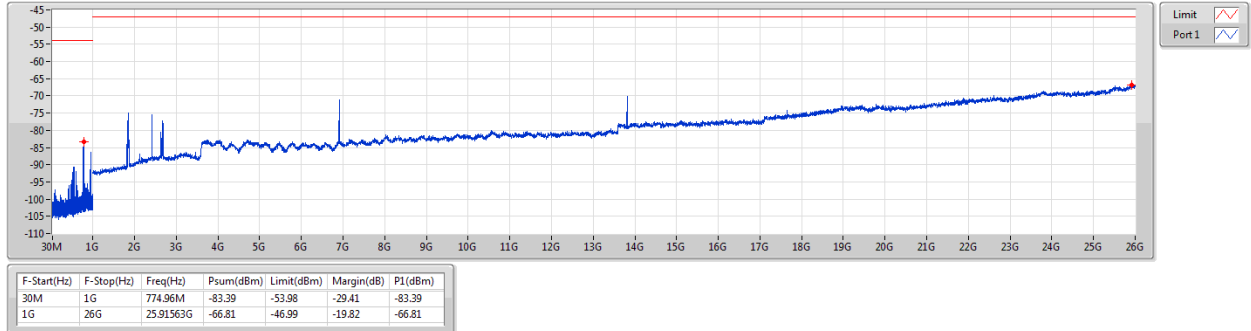
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

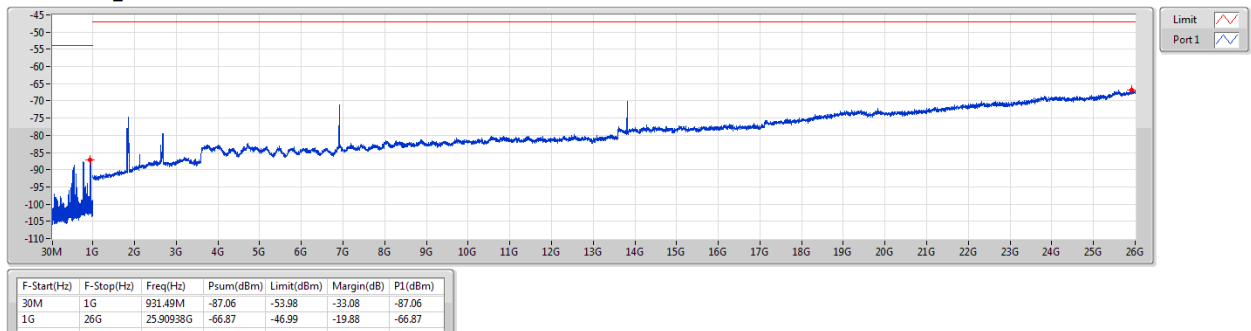
5180MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

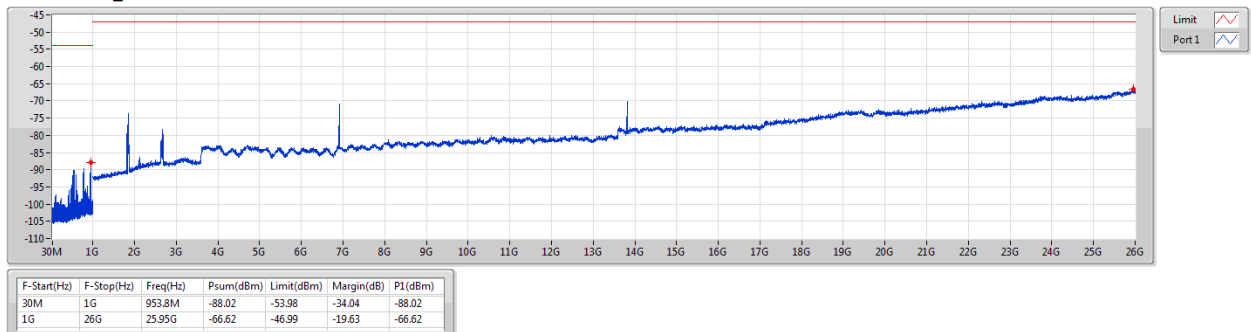
5180MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5180MHz\_TnomVmax





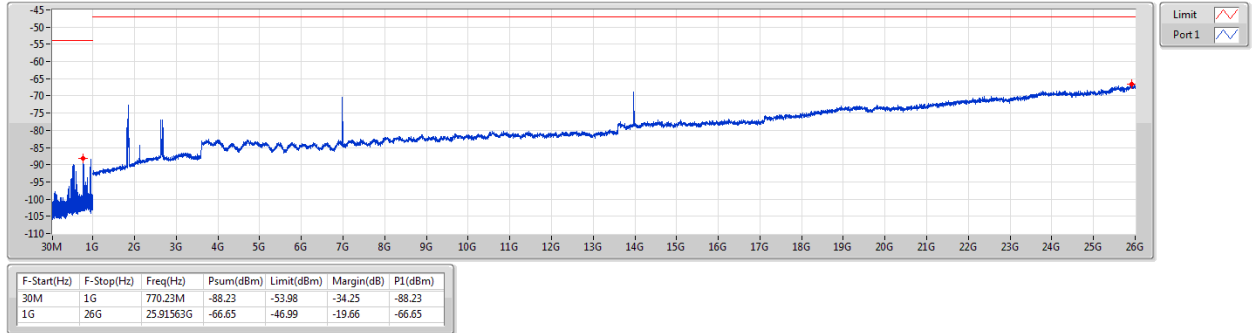
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

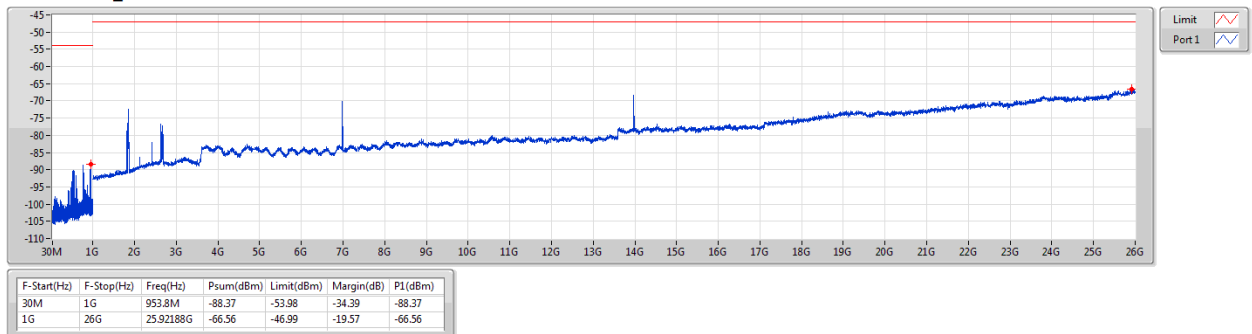
5240MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

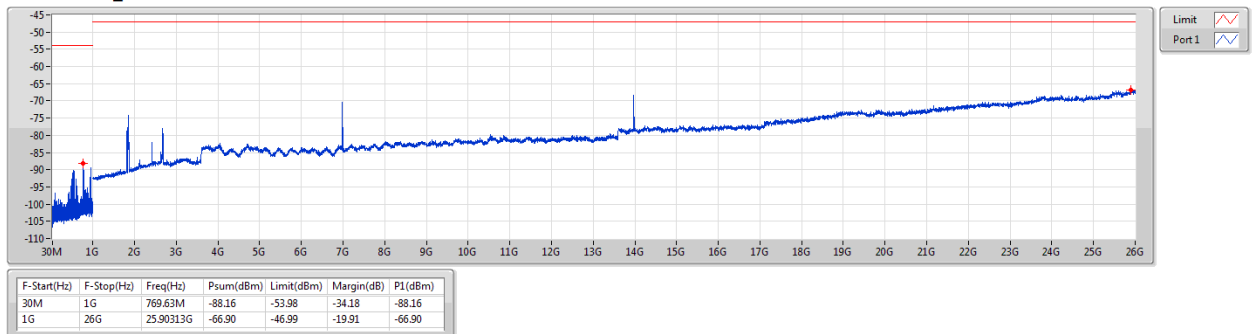
5240MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5240MHz\_TnomVmax





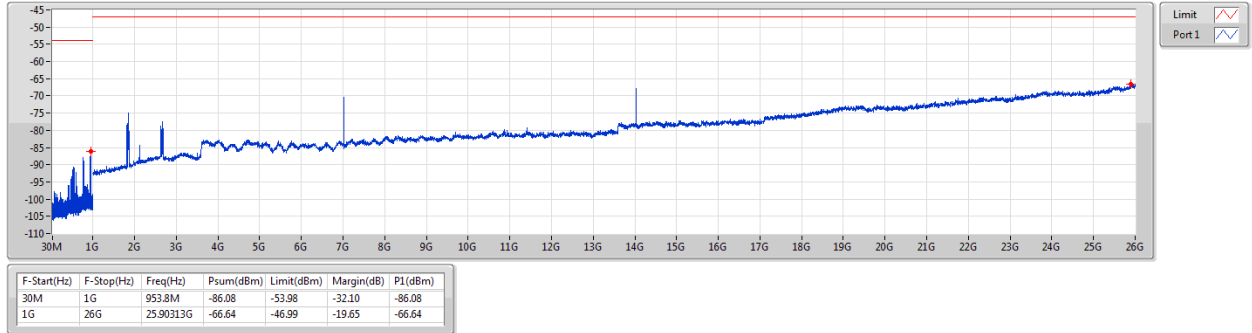
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

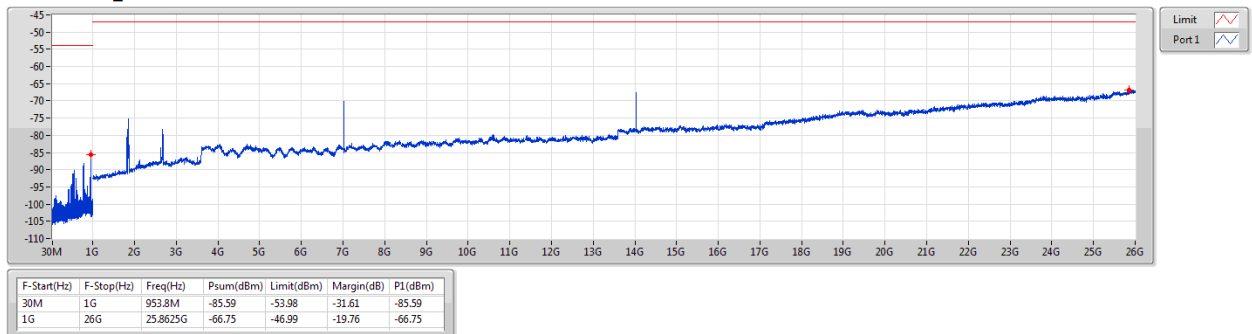
5260MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

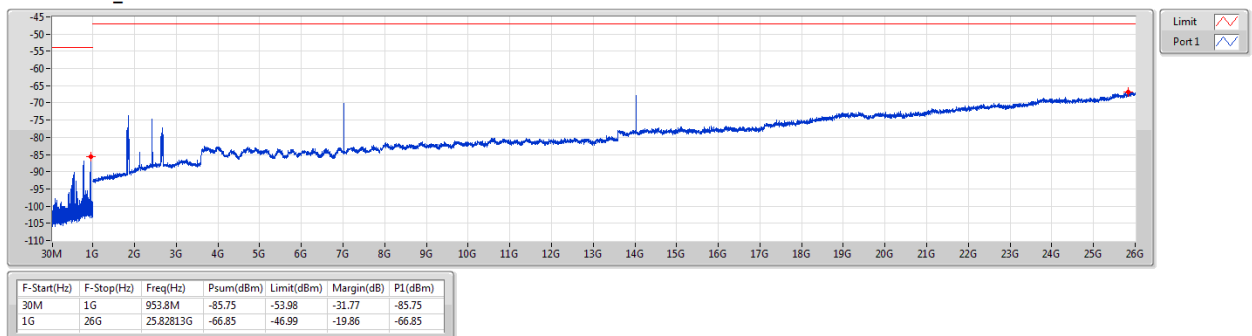
5260MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5260MHz\_TnomVmax





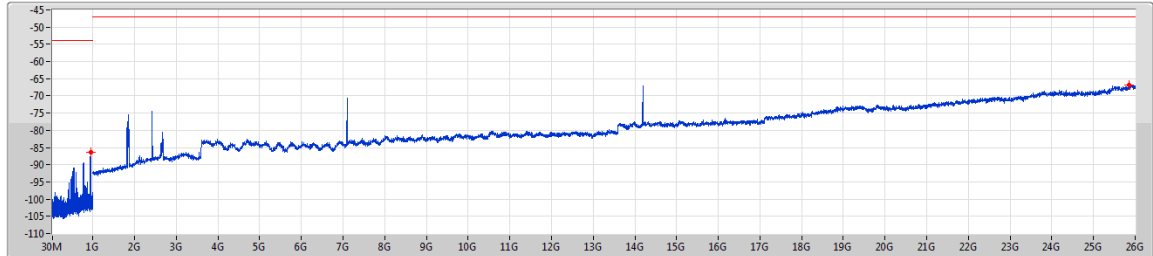
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5320MHz\_TnomVnom

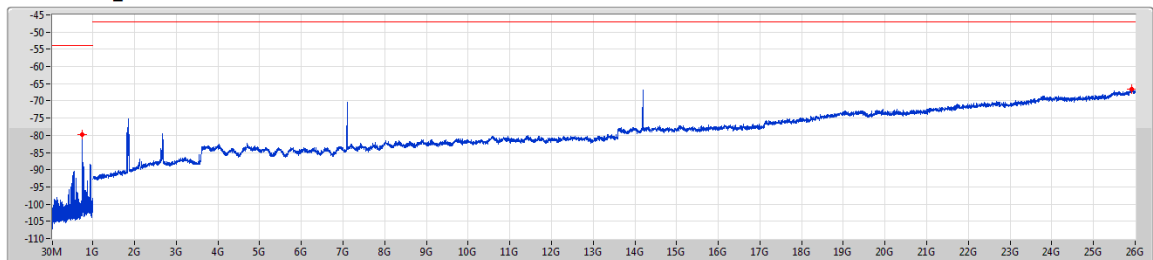


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-86.33	-53.98	-32.35	-86.33
1G	26G	25.85938G	-66.88	-46.99	-19.89	-66.88

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5320MHz\_TnomVmin

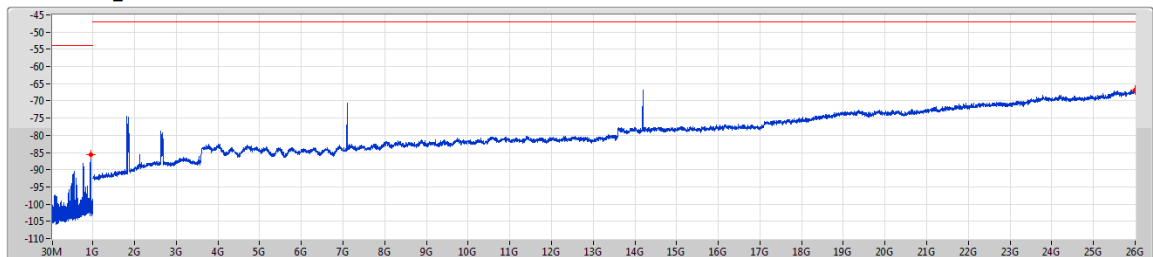


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	744.77M	-79.91	-53.98	-25.93	-79.91
1G	26G	25.925G	-66.48	-46.99	-19.49	-66.48

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5320MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-85.55	-53.98	-31.57	-85.55
1G	26G	25.99063G	-66.80	-46.99	-19.81	-66.80



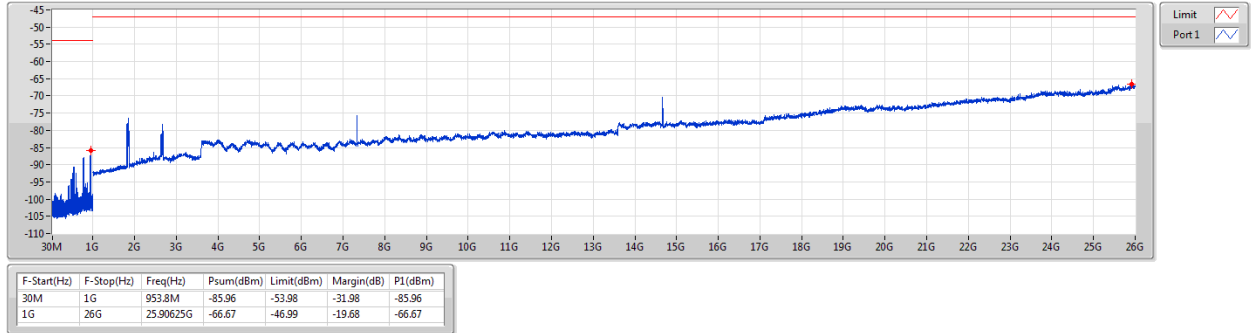
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

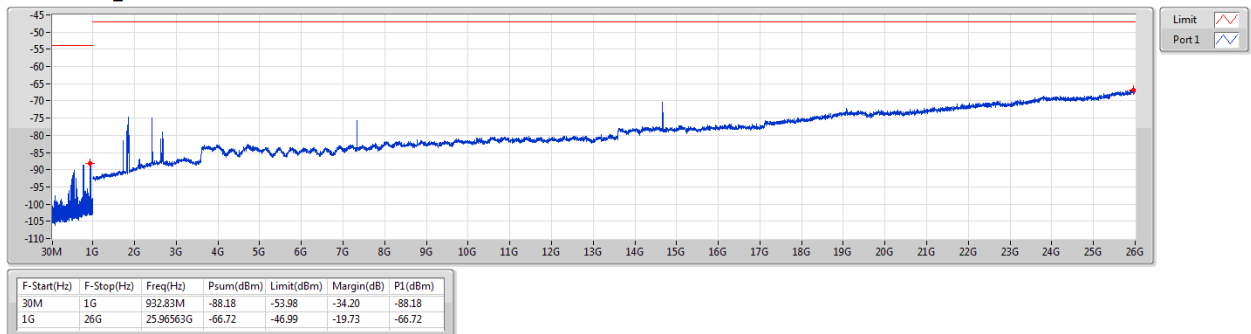
5500MHz\_TnomVnom



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

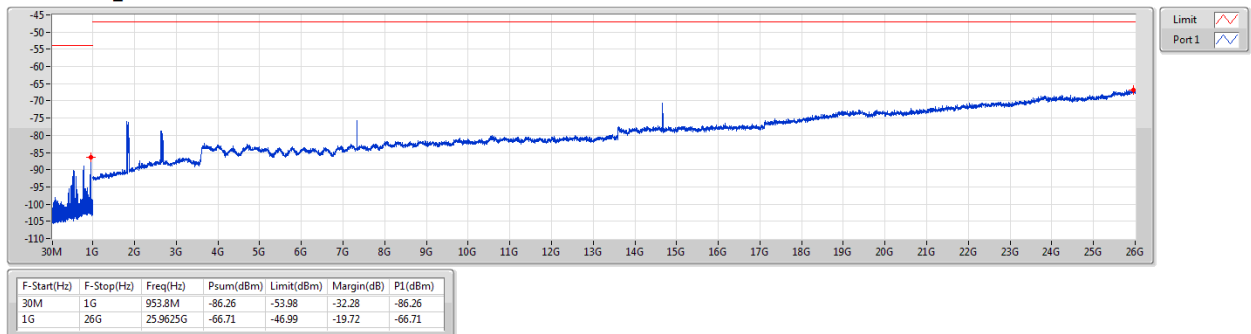
5500MHz\_TnomVmin



802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5500MHz\_TnomVmax





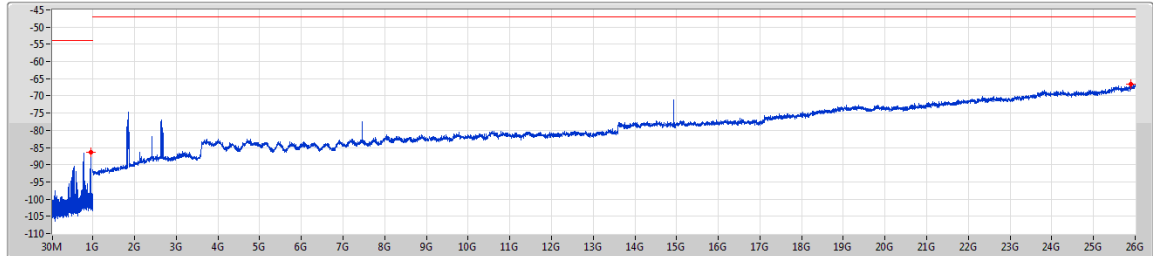
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5600MHz\_TnomVnom

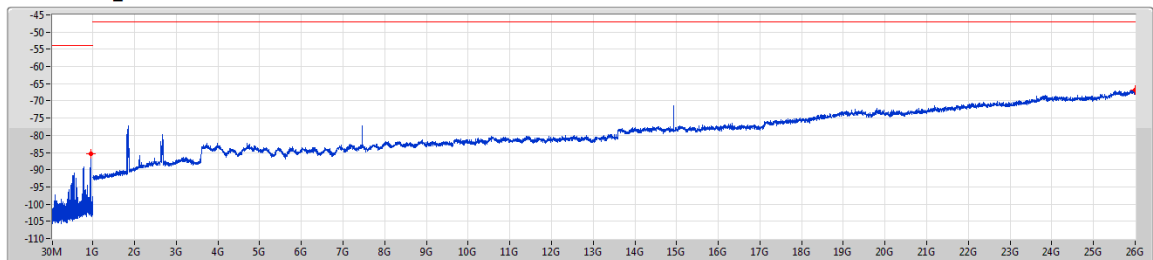


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-86.36	-53.98	-32.38	-86.36
1G	26G	25.89375G	-66.46	-46.99	-19.47	-66.46

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5600MHz\_TnomVmin

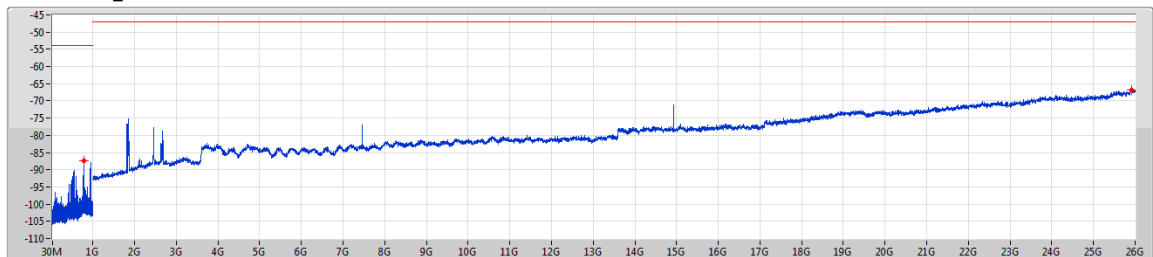


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-85.43	-53.98	-31.45	-85.43
1G	26G	25.99375G	-66.71	-46.99	-19.72	-66.71

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5600MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	775.32M	-87.48	-53.98	-33.50	-87.48
1G	26G	25.92188G	-66.77	-46.99	-19.78	-66.77



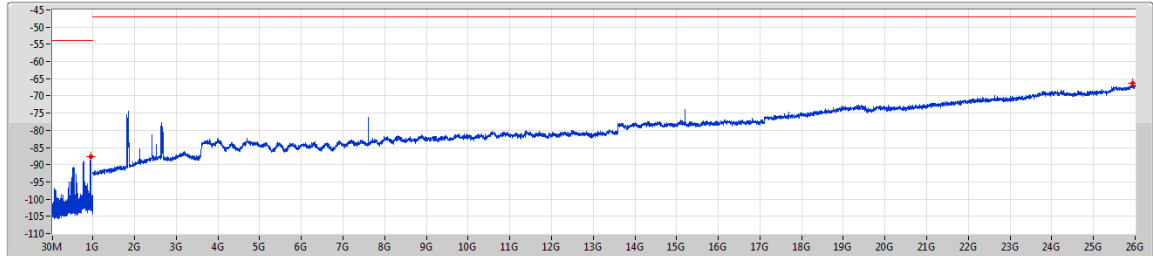
## CSE-RX Secondary Radiated Emissions Result

Appendix J

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5700MHz\_TnomVnom

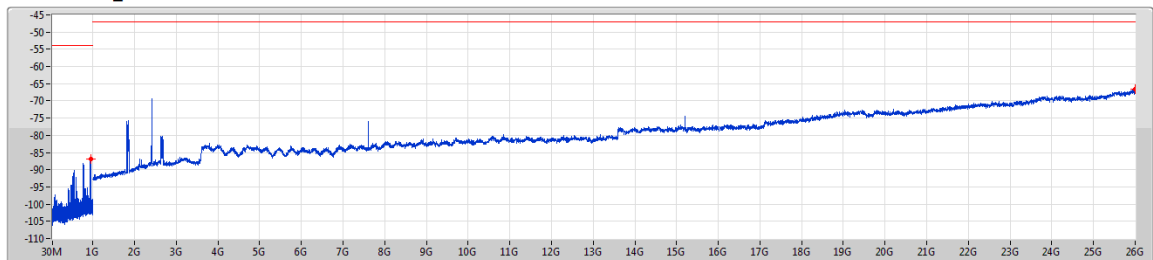


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-87.66	-53.98	-33.68	-87.66
1G	26G	25.93125G	-66.32	-46.99	-19.33	-66.32

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5700MHz\_TnomVmin

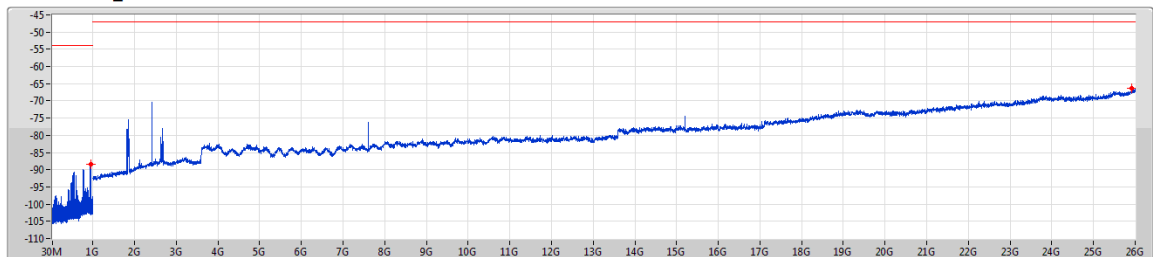


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-86.82	-53.98	-32.84	-86.82
1G	26G	26G	-66.61	-46.99	-19.62	-66.61

802.11n HT20\_Nss1,(MCS0)\_1TX

CSE-RX

5700MHz\_TnomVmax



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)
30M	1G	953.8M	-88.43	-53.98	-34.45	-88.43
1G	26G	25.925G	-66.28	-46.99	-19.29	-66.28