

Japan Test Report

Equipment : 802.11 b/g/n WLAN, Bluetooth & BLE Module
w/Integrated MCU

Model No. : Sterling™ – EWB

Brand Name : Laird Connectivity

Applicant : Laird Connectivity

Address : W66N220 Commerce Court, Cedarburg,
Wisconsin 53012, USA

Standard : Article 2 Paragraph 1 Item 19

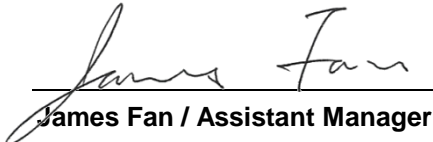
Received Date : Mar. 14, 2019

Tested Date : Apr. 23, 2019

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 “43” of Article 88, Paragraph 1 and ARIB STD-T66.

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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Release Record

Report No.	Version	Description	Issued Date
JR931402AC	Rev. 01	Initial issue	Jul. 10, 2019

Summary of Test Results

Ref. Std. Clause	Description	Result
3.2(2)(3)	Antenna Power	Pass
3.2(4)	Frequency Tolerance	Pass
3.2(6)	Transmitter Spurious Emission	Pass
3.2(7)	Occupied Bandwidth	Pass
3.2(8)	Spreading Bandwidth	Pass
3.2(9)	Spreading Factor	Pass
3.3(1)	Receiver Emission	Pass
3.4.1	Interference prevention function	Pass
3.4.1(3)	Carrier Sense	Note
Note: This item is not required since the device does not support 802.11n HT 40 function.		

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
Laird Connectivity	Sterling™-EWB	802.11 b/g/n WLAN, Bluetooth & BLE Module w/Integrated MCU	With Printed PCB Antenna
			With Connector Type Antenna

1.1.2 Specification of the Equipment under Test (EUT)

Power Type	3.3Vdc from host
Type(s) of Modulation / Technology	DBPSK, DQPSK, CCK / DSSS 64QAM, 16QAM, QPSK, BPSK / OFDM
Frequency Range (MHz)	2412~2472 MHz
Total Channel Number	13
Operating Mode: IEEE Std. 802.11 / Data Rate (Mbps)	802.11b: Up to 11 Mbps 802.11g: Up to 54 Mbps 802.11n HT 20 (MCS 0~7)
HW Version	R3.0
SW Version	R1.0

1.1.3 Accessories

N/A

1.1.4 Antenna Details

Ant. No.	Brand	Model	Laird Part Number	Type	Connector	Gain (dBi)	Remark
1	ACX	AT3216-A2R4PAA	AT3216-A2R4PAA	Chip	N/A	1.5	Printed PCB Antenna
2	Laird	001 -0001	001 -0001	Dipole	R-SMA	2	Connector Type Antenna
3	Laird	001-0014	001-0014	FlexPIFA	U.FL	2	Connector Type Antenna
4	Laird	001-0015	001-0015	FlexNotch	U.FL	2	Connector Type Antenna
5	Laird	001-0030	001-0030	PIFA	UFL	2	Connector Type Antenna
6	Laird	NanoBlue	EBL2400A1-10MH4L	PCB Dipole	UFL	2	Connector Type Antenna

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

1.1.5 Antenna Power

Operating Mode	Rated Power (mW/MHz)	Measured Conducted Power (mW/MHz)	Radiated Power (mW/MHz)
11b	9.50	9.48418	15.03142
11g	3.50	3.18420	5.04661
11n HT20	2.50	2.22844	3.53183

1.1.6 Channel List

Frequency band (MHz)	2400~2483.5
Channel	Frequency(MHz)
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462
12	2467
13	2472

1.1.7 Test Tool and Power Index

Test Tool
Command

Power Index				
Channel	Frequency (MHz)	802.11b	802.11g	802.11n HT20
1	2412	78	68	62
7	2442	78	68	62
13	2472	78	68	62

1.1.8 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

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Instrument	Manufacturer	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV40	101486	Jan. 08, 2019	Jan. 07, 2020
Power Meter	Anritsu	ML2495A	1241002	Oct. 09, 2018	Oct. 08, 2019
Power Sensor	Anritsu	MA2411B	1207366	Oct. 09, 2018	Oct. 08, 2019
Measurement Software	Sporton	Sporton_1	1.3.30	NA	NA
Note 1: Calibration Interval of instruments listed above is one year. Note 2: Above instruments are calibrated by Electronics Testing Center					

1.3 Testing Applied Standards

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

Article 2 Paragraph 1 Item 19

1.4 Deviation from Test Standard and Measurement Procedure

None

1.5 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
Bandwidth	±34.139 Hz
Conducted power	±0.808 dB
Frequency error	±1×10 ⁻⁹
TX Conducted emission	±2.680 dB
RX Conducted emission	±3.034 dB

2 Test Configuration

2.1 Testing Location and Conditions

Test Site	Site Category	Ambient Condition	Tested By
TH01-WS	OVEN Room	22°C / 63%	Jack Li

2.2 Supporting Units

N/A

2.3 The Worst Test Modes and Channel Details

Test item	Mode	Test channel
Antenna Power Frequency Tolerance Occupied Bandwidth Transmitter Spurious Emission Interference prevention function Receiver Spurious Emissions	11b, 11g, 11n HT20	1 / 7 / 13
Spreading Bandwidth and Factor	11b	1 / 7 / 13

3 Transmitter Test Results

3.1 Antenna Power

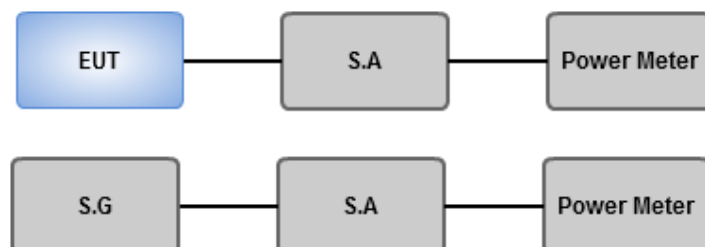
3.1.1 Limit of Antenna Power

Mode	Limit	Tolerance
1) FH, FH+DS, FH+OFDM	3 mW / MHz	+20 % , -80 %
2) OFDM(Narrow- bandwidht), DS	10 mW / MHz	
3) Other than 1) & 2)	10mW	
4) OFDM (Wide-band)	5 mW / MHz	

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% power range that base on manufacturer declare the conducted power density.

3.1.3 Test Setup



3.1.4 Test Result of Maximum Transmit Power

Reference Documents	Test Mode
Appendix A1, A2	11b (20MHz)
Appendix A1, A2	11g (20MHz)
Appendix A1, A2	11n (20MHz)

3.2 Frequency Tolerance

3.2.1 Limit of Frequency Tolerance

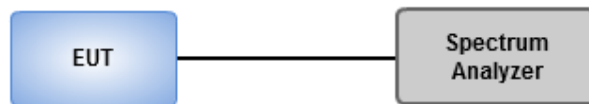
Frequency tolerance shall be +/- 50ppm.

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

Reference Documents	Test Mode
Appendix B	11b (20MHz)
Appendix B	11g (20MHz)
Appendix B	11n (20MHz)

3.3 Occupied Bandwidth

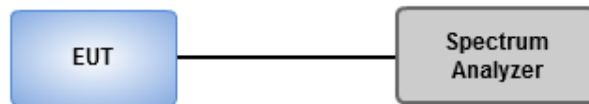
3.3.1 Limit of Occupied Bandwidth

Mode	Limit (MHz)
FH	83.5
FH+DS	83.5
FH+OFDM	83.5
OFDM(Narrow- bandwidth), DS	26
Others	26
OFDM (Wide-band)	38

3.3.2 Test Procedures

1. Set Span = 40MHz, 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

Reference Documents	Test Mode
Appendix C	11b (20MHz)
Appendix C	11g (20MHz)
Appendix C	11n (20MHz)

3.4 Spreading Bandwidth and Factor

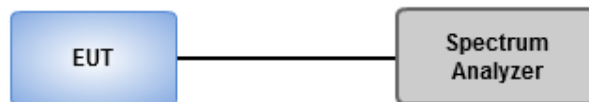
3.4.1 Limit of Spreading Bandwidth and Factor

Item	Limit
Spreading bandwidth	$\geq 500\text{kHz}$
Spreading factor for DSSS (operates at 2400~2483.5 MHz)	≥ 5
Spreading factor for DSSS (operates at 2471~2497 MHz)	≥ 10

3.4.2 Test Procedures

1. Set Span = 20MHz, RBW = VBW = 300kHz, detector = Peak, Sweep time = Auto.
2. Enable OBW (90%) function of spectrum analyzer to measure OBW (90%) and capture test plot.

3.4.3 Test Setup



3.4.4 Test Result of Spreading Bandwidth and Factor

Reference Documents	Test Mode
Appendix D	11b (20MHz)

3.5 Transmitter Spurious Emissions

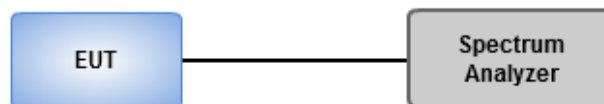
3.5.1 Limit of Transmitter Spurious Emissions

Item	Limits
Tx Spurious Emission	$\leq 2.5 \mu\text{W}$ ($2387\text{MHz} > f$; $2496.5\text{MHz} < f$).
	$\leq 25 \mu\text{W}$. ($2387\text{MHz} \leq f < 2400\text{MHz}$) and ($2483.5\text{MHz} < f \leq 2496.5\text{MHz}$).

3.5.2 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 30~12500 MHz.

3.5.3 Test Setup



3.5.4 Test Result of Transmitter Spurious Emissions

Reference Documents	Test Mode
Appendix E	11b (20MHz)
Appendix E	11g (20MHz)
Appendix E	11n (20MHz)

3.6 Interference prevention function

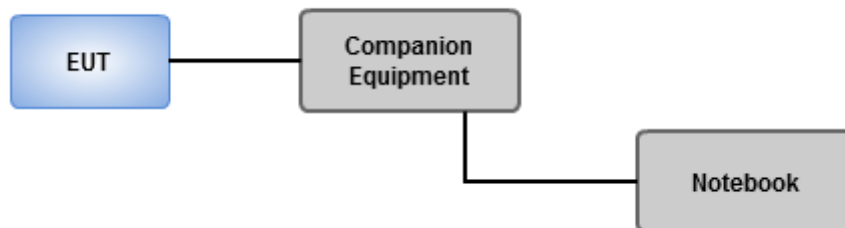
3.6.1 Limit of Interference Prevention Function

Limits
The identification code shall be 48 bits long

3.6.2 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

3.6.3 Test Setup



3.6.4 Test Result of Interference Prevention Function

Reference Documents	Test Mode
Appendix F	11b (20MHz)
Appendix F	11g (20MHz)
Appendix F	11n (20MHz)

4 Receiver Test Results

4.1 Receiver Spurious Emissions

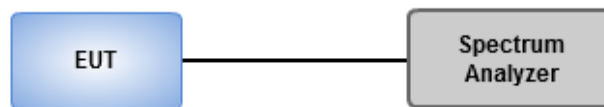
4.1.1 Limit of Receiver Spurious Emissions

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

Reference Documents	Test Mode
Appendix G	11b (20MHz)
Appendix G	11g (20MHz)
Appendix G	11n (20MHz)

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>.

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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

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Fax: 886-3-318-0155

Email: ICC_Service@icertifi.com.tw

==END==



Power Tolerance Result

Appendix A.1

Summary

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
802.11b_Nss1_1TX	Pass	9.77	9.48418	9.50	-0.17	20	-80
802.11g_Nss1_1TX	Pass	5.03	3.18420	3.50	-9.02	20	-80
802.11n HT20_Nss1,(MCS0)_1TX	Pass	3.48	2.22844	2.50	-10.86	20	-80

Result

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
802.11b_Nss1_1TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	9.69	9.31108	9.50	-1.99	20	-80
2412MHz_TnomVmin	Pass	9.64	9.20450	9.50	-3.11	20	-80
2412MHz_TnomVmax	Pass	9.66	9.24698	9.50	-2.66	20	-80
2442MHz_TnomVnom	Pass	9.59	9.09913	9.50	-4.22	20	-80
2442MHz_TnomVmin	Pass	9.67	9.26830	9.50	-2.44	20	-80
2442MHz_TnomVmax	Pass	9.73	9.39723	9.50	-1.08	20	-80
2472MHz_TnomVnom	Pass	9.62	9.16220	9.50	-3.56	20	-80
2472MHz_TnomVmin	Pass	9.77	9.48418	9.50	-0.17	20	-80
2472MHz_TnomVmax	Pass	9.65	9.22571	9.50	-2.89	20	-80
802.11g_Nss1_1TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	4.97	3.14051	3.50	-10.27	20	-80
2412MHz_TnomVmin	Pass	4.92	3.10456	3.50	-11.30	20	-80
2412MHz_TnomVmax	Pass	4.93	3.11172	3.50	-11.09	20	-80
2442MHz_TnomVnom	Pass	5.01	3.16957	3.50	-9.44	20	-80
2442MHz_TnomVmin	Pass	4.91	3.09742	3.50	-11.50	20	-80
2442MHz_TnomVmax	Pass	5.03	3.18420	3.50	-9.02	20	-80
2472MHz_TnomVnom	Pass	4.96	3.13329	3.50	-10.48	20	-80
2472MHz_TnomVmin	Pass	5.00	3.16228	3.50	-9.65	20	-80
2472MHz_TnomVmax	Pass	4.92	3.10456	3.50	-11.30	20	-80
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	3.35	2.16272	2.50	-13.49	20	-80
2412MHz_TnomVmin	Pass	3.37	2.17270	2.50	-13.09	20	-80
2412MHz_TnomVmax	Pass	3.39	2.18273	2.50	-12.69	20	-80
2442MHz_TnomVnom	Pass	3.42	2.19786	2.50	-12.09	20	-80



Power Tolerance Result

Appendix A.1

Mode	Result	Power (dBm/MHz)	Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
2442MHz_TnomVmin	Pass	3.44	2.20800	2.50	-11.68	20	-80
2442MHz_TnomVmax	Pass	3.42	2.19786	2.50	-12.09	20	-80
2472MHz_TnomVnom	Pass	3.42	2.19786	2.50	-12.09	20	-80
2472MHz_TnomVmin	Pass	3.42	2.19786	2.50	-12.09	20	-80
2472MHz_TnomVmax	Pass	3.48	2.22844	2.50	-10.86	20	-80



Power Result

Appendix A.2

Summary

Mode	Power (dBm/MHz)	Power (mW/MHz)	EIRP (dBm/MHz)	EIRP (mW/MHz)
2.4-2.4835GHz	-	-	-	-
802.11b_Nss1_1TX	9.77	9.48418	11.77	15.03142
802.11g_Nss1_1TX	5.03	3.18420	7.03	5.04661
802.11n HT20_Nss1,(MCS0)_1TX	3.48	2.22844	5.48	3.53183

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)
802.11b_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	0.49	9.69	9.69	9.31108	10	11.69	14.75707	16.368
2412MHz_TnomVmin	Pass	2.00	0.49	9.64	9.64	9.20450	10	11.64	14.58814	16.368
2412MHz_TnomVmax	Pass	2.00	0.49	9.66	9.66	9.24698	10	11.66	14.65548	16.368
2442MHz_TnomVnom	Pass	2.00	0.49	9.59	9.59	9.09913	10	11.59	14.42115	16.368
2442MHz_TnomVmin	Pass	2.00	0.49	9.67	9.67	9.26830	10	11.67	14.68926	16.368
2442MHz_TnomVmax	Pass	2.00	0.49	9.73	9.73	9.39723	10	11.73	14.89361	16.368
2472MHz_TnomVnom	Pass	2.00	0.49	9.62	9.62	9.16220	10	11.62	14.52112	16.368
2472MHz_TnomVmin	Pass	2.00	0.49	9.77	9.77	9.48418	10	11.77	15.03142	16.368
2472MHz_TnomVmax	Pass	2.00	0.49	9.65	9.65	9.22571	10	11.65	14.62177	16.368
802.11g_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	0.49	4.97	4.97	3.14051	10	6.97	4.97737	16.368
2412MHz_TnomVmin	Pass	2.00	0.49	4.92	4.92	3.10456	10	6.92	4.92040	16.368
2412MHz_TnomVmax	Pass	2.00	0.49	4.93	4.93	3.11172	10	6.93	4.93174	16.368
2442MHz_TnomVnom	Pass	2.00	0.49	5.01	5.01	3.16957	10	7.01	5.02343	16.368
2442MHz_TnomVmin	Pass	2.00	0.49	4.91	4.91	3.09742	10	6.91	4.90908	16.368
2442MHz_TnomVmax	Pass	2.00	0.49	5.03	5.03	3.18420	10	7.03	5.04661	16.368
2472MHz_TnomVnom	Pass	2.00	0.49	4.96	4.96	3.13329	10	6.96	4.96592	16.368
2472MHz_TnomVmin	Pass	2.00	0.49	5.00	5.00	3.16228	10	7.00	5.01187	16.368
2472MHz_TnomVmax	Pass	2.00	0.49	4.92	4.92	3.10456	10	6.92	4.92040	16.368
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.00	0.49	3.35	3.35	2.16272	10	5.35	3.42768	16.368
2412MHz_TnomVmin	Pass	2.00	0.49	3.37	3.37	2.17270	10	5.37	3.44350	16.368
2412MHz_TnomVmax	Pass	2.00	0.49	3.39	3.39	2.18273	10	5.39	3.45939	16.368
2442MHz_TnomVnom	Pass	2.00	0.49	3.42	3.42	2.19786	10	5.42	3.48337	16.368
2442MHz_TnomVmin	Pass	2.00	0.49	3.44	3.44	2.20800	10	5.44	3.49945	16.368



Power Result

Appendix A.2

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)
2442MHz_TnomVmax	Pass	2.00	0.49	3.42	3.42	2.19786	10	5.42	3.48337	16.368
2472MHz_TnomVnom	Pass	2.00	0.49	3.42	3.42	2.19786	10	5.42	3.48337	16.368
2472MHz_TnomVmin	Pass	2.00	0.49	3.42	3.42	2.19786	10	5.42	3.48337	16.368
2472MHz_TnomVmax	Pass	2.00	0.49	3.48	3.48	2.22844	10	5.48	3.53183	16.368



Frequency Tolerance Result

Appendix B

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
802.11b_Nss1_1TX	Pass	2.412G	2.41200187G	0.775	±50	1	-
802.11g_Nss1_1TX	Pass	2.412G	2.41200162G	0.67	±50	1	-
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.412G	2.41200138G	0.573	±50	1	-



Frequency Tolerance Result

Appendix B

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11b_Nss1_1TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.412G	2.41200187G	0.775	±50	1	-
2412MHz_TnomVmin	Pass	2.412G	2.41200179G	0.74	±50	1	-
2412MHz_TnomVmax	Pass	2.412G	2.41200169G	0.702	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.4420008G	0.326	±50	1	-
2442MHz_TnomVmin	Pass	2.442G	2.44200076G	0.312	±50	1	-
2442MHz_TnomVmax	Pass	2.442G	2.44200072G	0.2xx95	±50	1	-
2472MHz_TnomVnom	Pass	2.472G	2.47200039G	0.157	±50	1	-
2472MHz_TnomVmin	Pass	2.472G	2.47200038G	0.155	±50	1	-
2472MHz_TnomVmax	Pass	2.472G	2.47200035G	0.143	±50	1	-
802.11g_Nss1_1TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.412G	2.41200162G	0.67	±50	1	-
2412MHz_TnomVmin	Pass	2.412G	2.41200153G	0.636	±50	1	-
2412MHz_TnomVmax	Pass	2.412G	2.41200146G	0.606	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.44200069G	0.284	±50	1	-
2442MHz_TnomVmin	Pass	2.442G	2.44200067G	0.275	±50	1	-
2442MHz_TnomVmax	Pass	2.442G	2.44200063G	0.256	±50	1	-
2472MHz_TnomVnom	Pass	2.472G	2.47200033G	0.132	±50	1	-
2472MHz_TnomVmin	Pass	2.472G	2.4720003G	0.119	±50	1	-
2472MHz_TnomVmax	Pass	2.472G	2.47200029G	0.116	±50	1	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.412G	2.41200138G	0.573	±50	1	-
2412MHz_TnomVmin	Pass	2.412G	2.41200131G	0.543	±50	1	-
2412MHz_TnomVmax	Pass	2.412G	2.41200125G	0.518	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.4420006G	0.244	±50	1	-
2442MHz_TnomVmin	Pass	2.442G	2.44200056G	0.227	±50	1	-
2442MHz_TnomVmax	Pass	2.442G	2.44200052G	0.215	±50	1	-
2472MHz_TnomVnom	Pass	2.472G	2.47200026G	0.106	±50	1	-
2472MHz_TnomVmin	Pass	2.472G	2.47200025G	0.102	±50	1	-
2472MHz_TnomVmax	Pass	2.472G	2.47200024G	0.098	±50	1	-



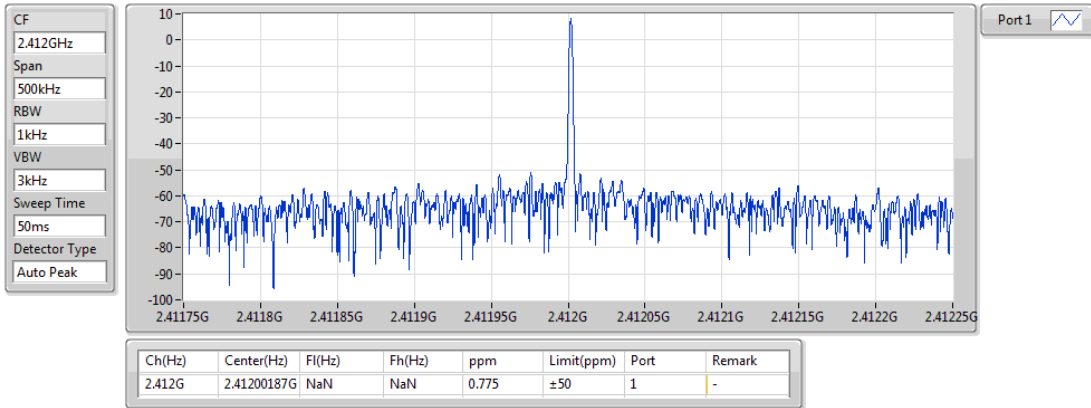
Frequency Tolerance Result

Appendix B

802.11b_Nss1_1TX

Freq. Stability

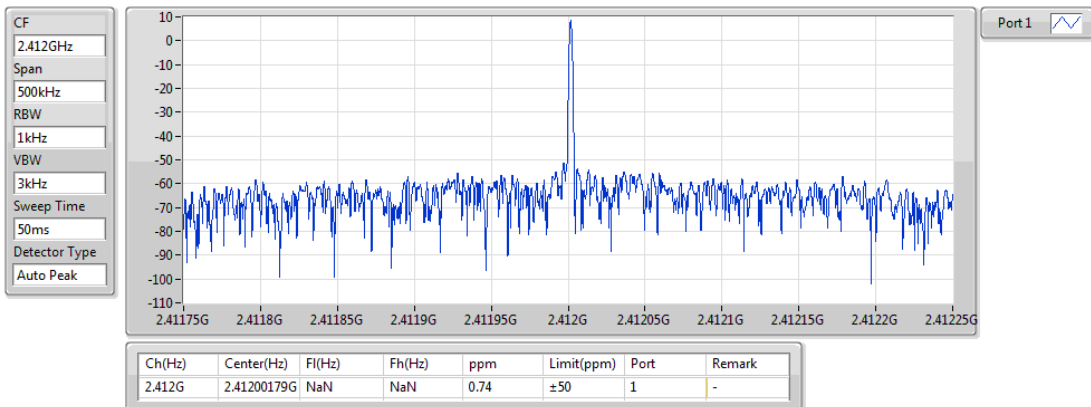
2412MHz_TnomVnom



802.11b_Nss1_1TX

Freq. Stability

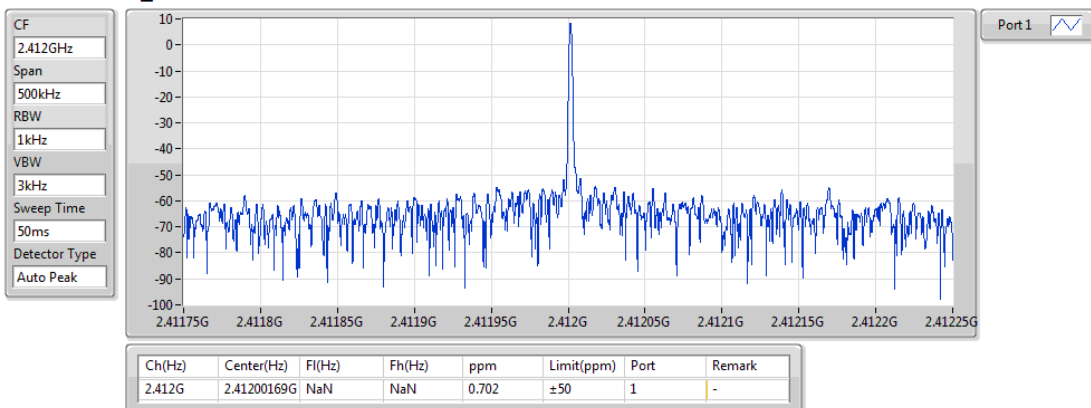
2412MHz_TnomVmin



802.11b_Nss1_1TX

Freq. Stability

2412MHz_TnomVmax





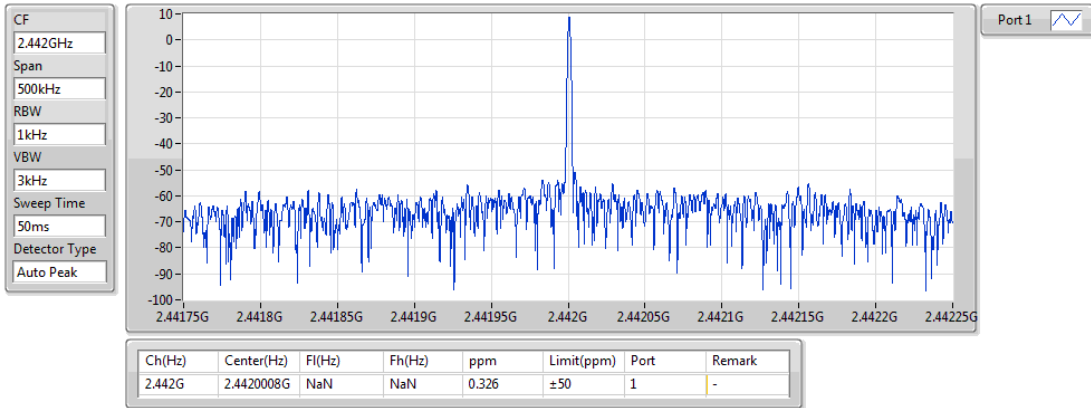
Frequency Tolerance Result

Appendix B

802.11b_Nss1_1TX

Freq. Stability

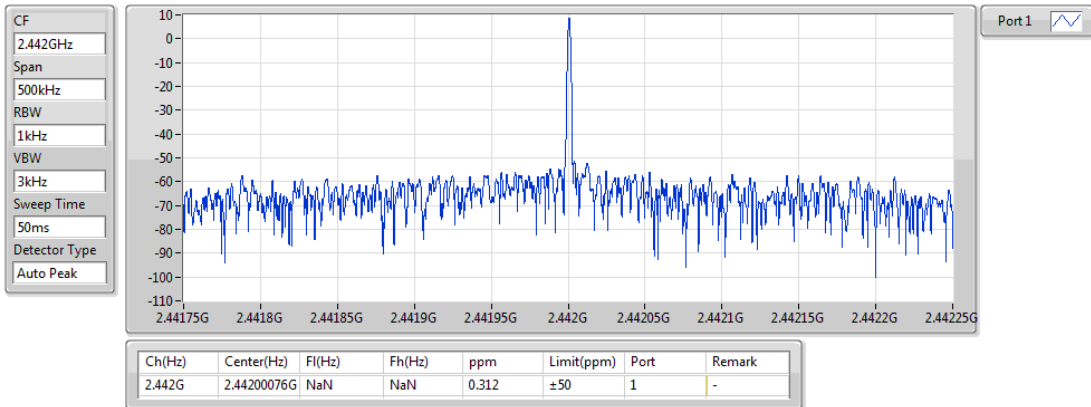
2442MHz_TnomVnom



802.11b_Nss1_1TX

Freq. Stability

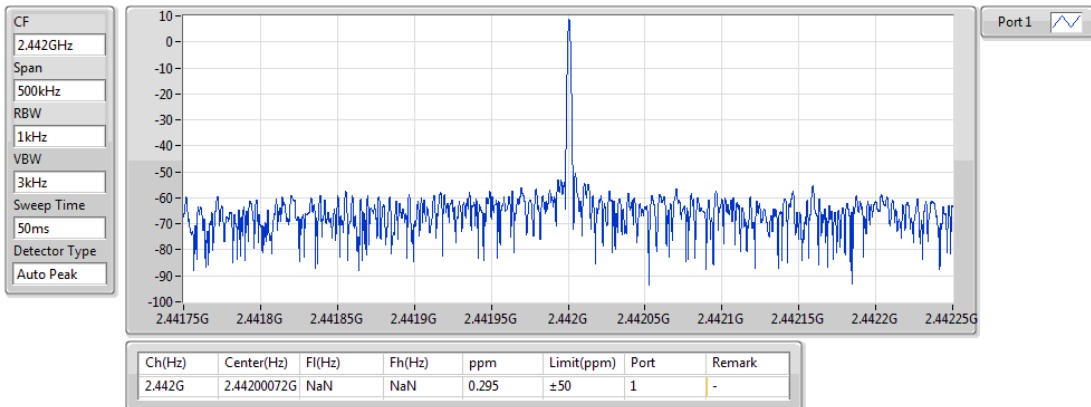
2442MHz_TnomVmin



802.11b_Nss1_1TX

Freq. Stability

2442MHz_TnomVmax

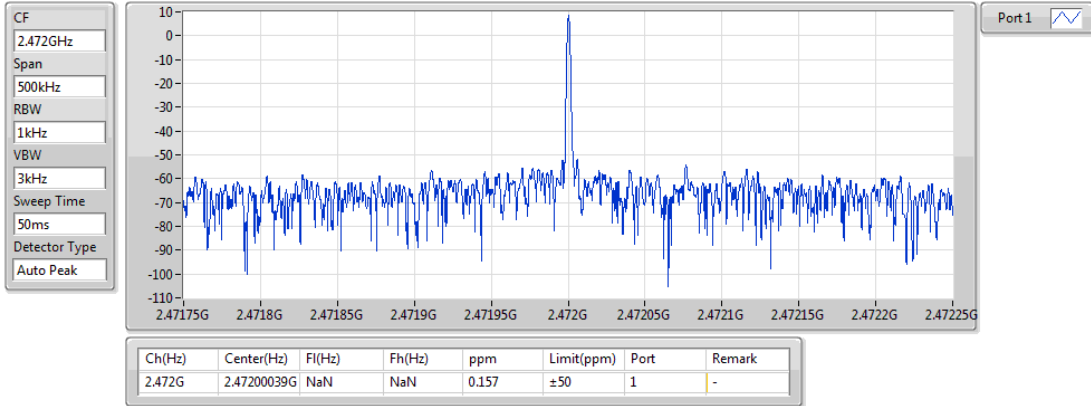




802.11b_Nss1_1TX

Freq. Stability

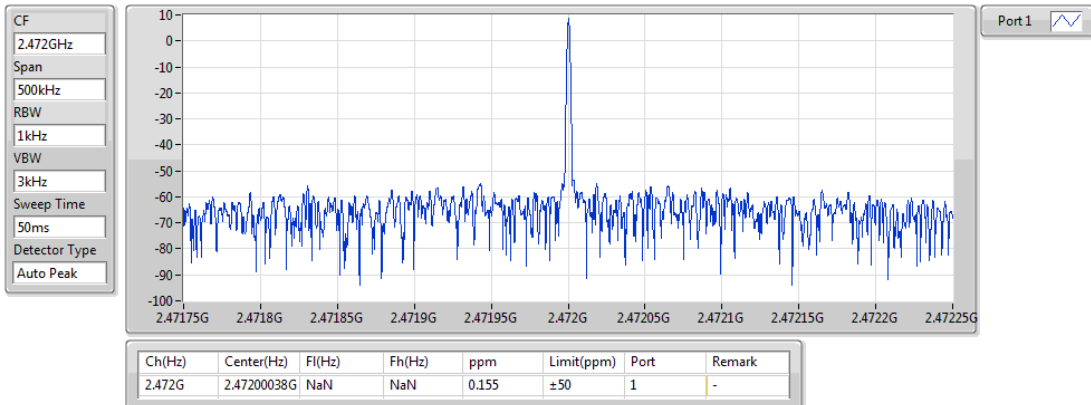
2472MHz_TnomVnom



802.11b_Nss1_1TX

Freq. Stability

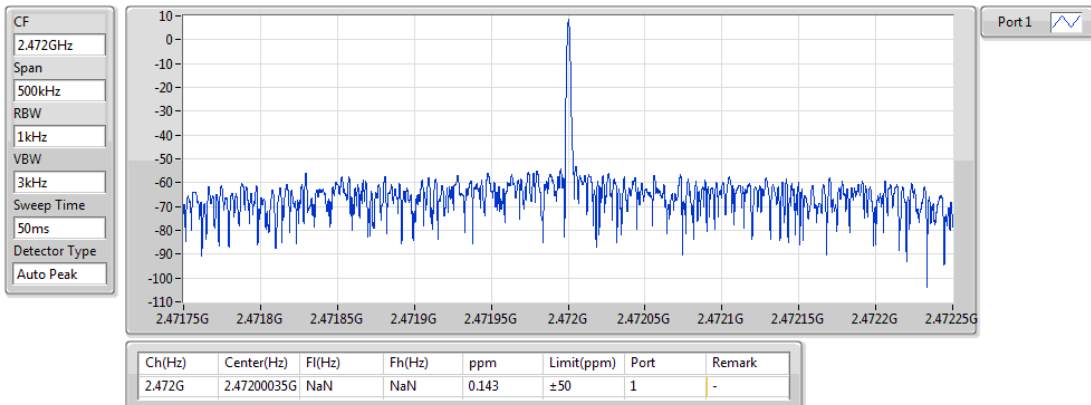
2472MHz_TnomVmin



802.11b_Nss1_1TX

Freq. Stability

2472MHz_TnomVmax





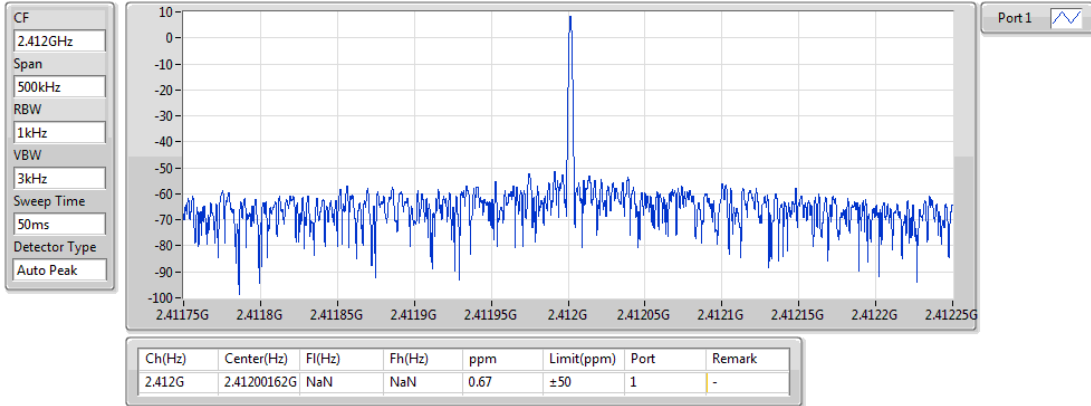
Frequency Tolerance Result

Appendix B

802.11g_Nss1_1TX

Freq. Stability

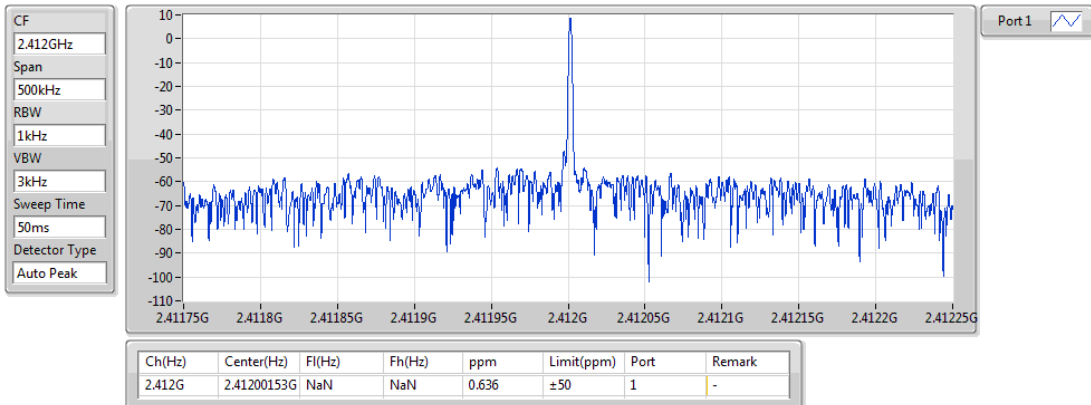
2412MHz_TnomVnom



802.11g_Nss1_1TX

Freq. Stability

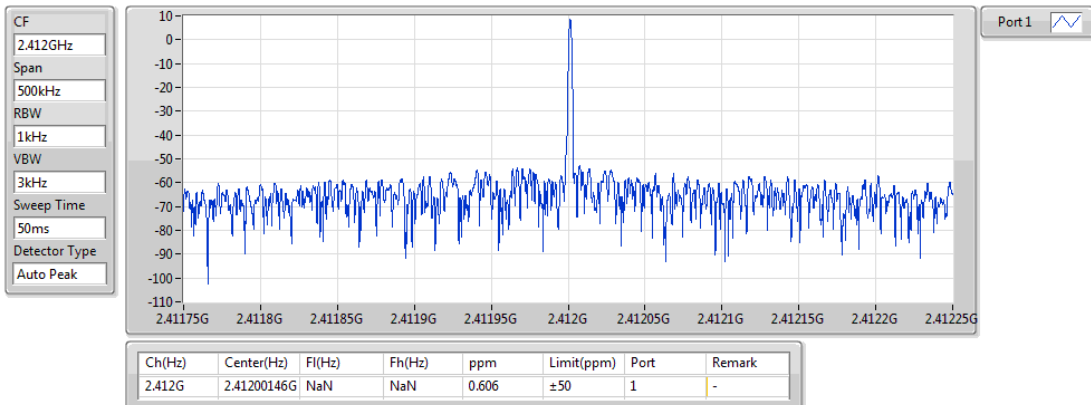
2412MHz_TnomVmin



802.11g_Nss1_1TX

Freq. Stability

2412MHz_TnomVmax





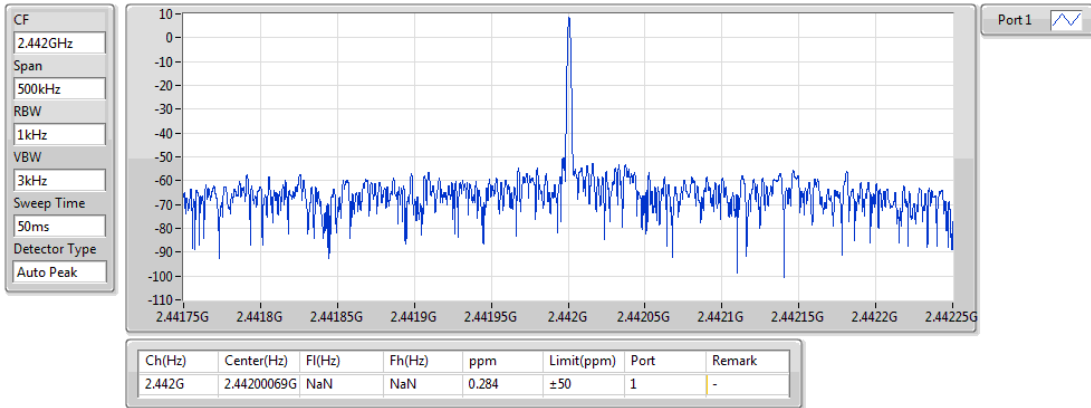
Frequency Tolerance Result

Appendix B

802.11g_Nss1_1TX

Freq. Stability

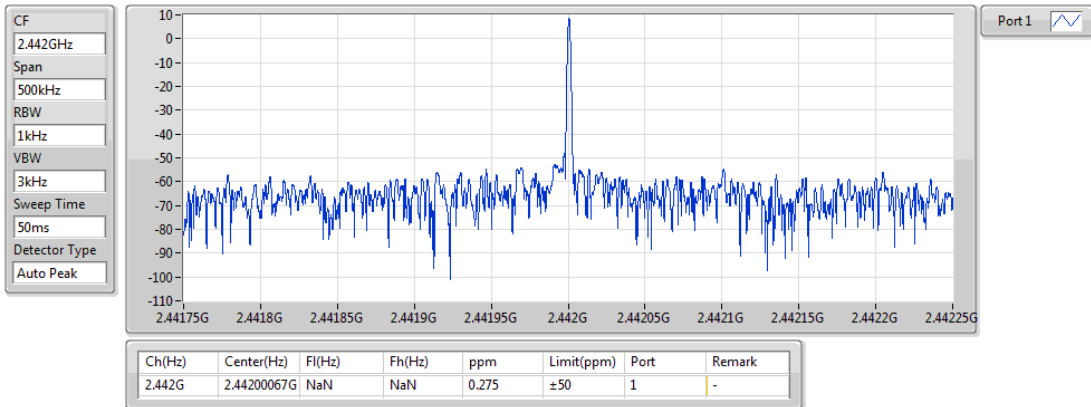
2442MHz_TnomVnom



802.11g_Nss1_1TX

Freq. Stability

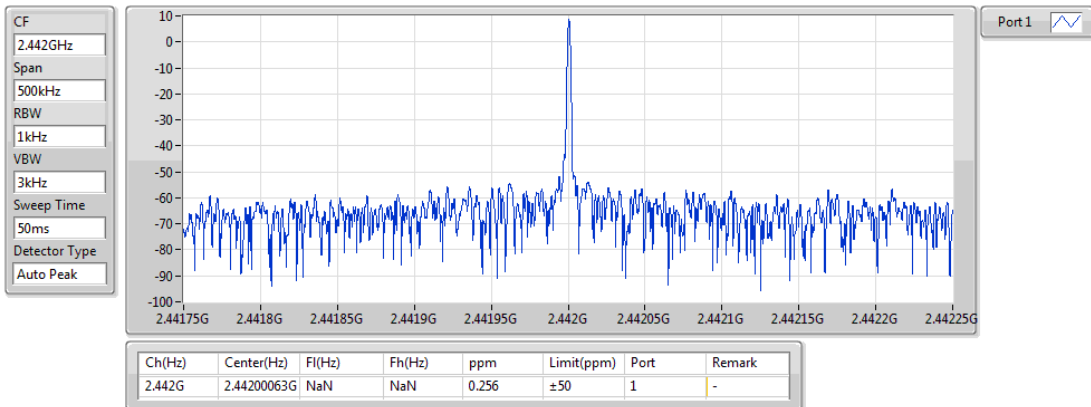
2442MHz_TnomVmin



802.11g_Nss1_1TX

Freq. Stability

2442MHz_TnomVmax





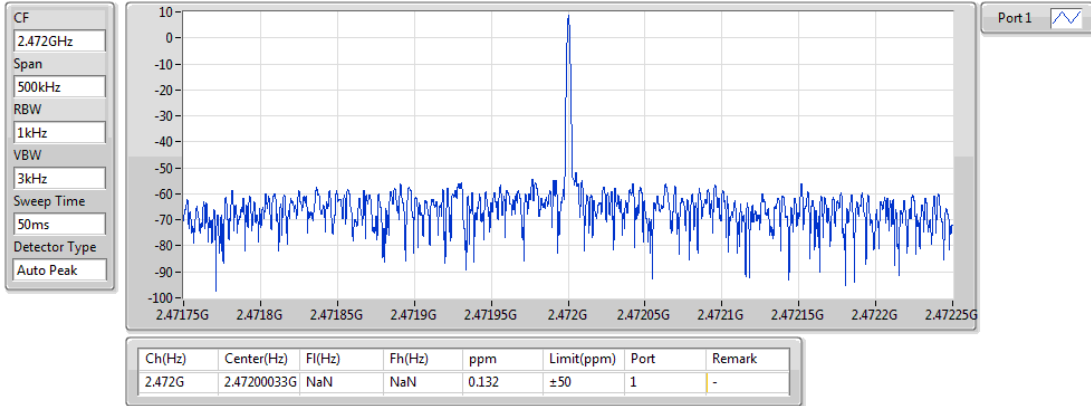
Frequency Tolerance Result

Appendix B

802.11g_Nss1_1TX

Freq. Stability

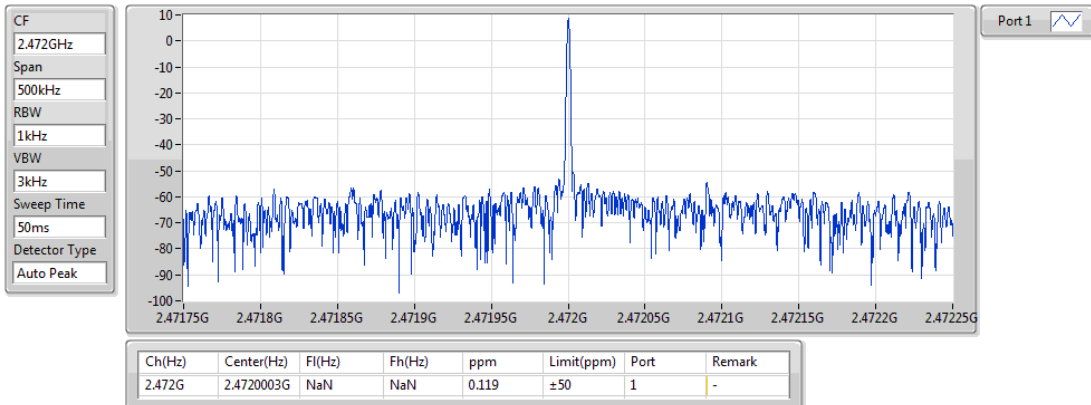
2472MHz_TnomVnom



802.11g_Nss1_1TX

Freq. Stability

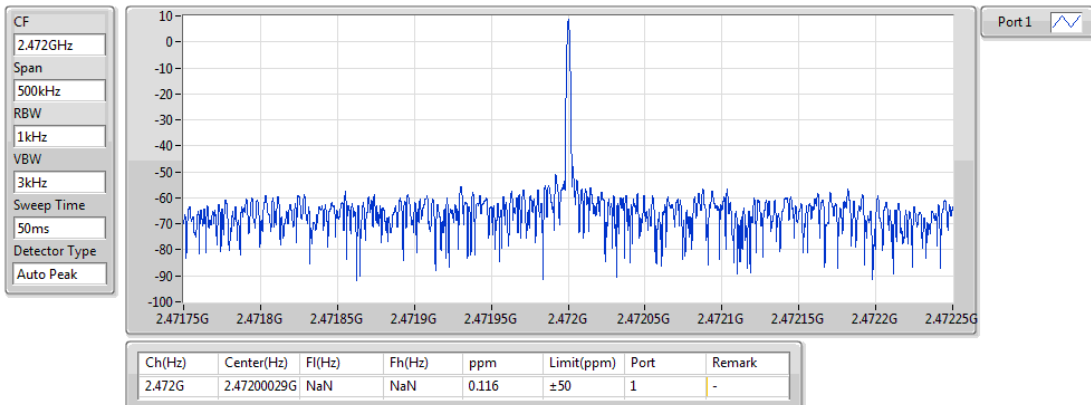
2472MHz_TnomVmin



802.11g_Nss1_1TX

Freq. Stability

2472MHz_TnomVmax





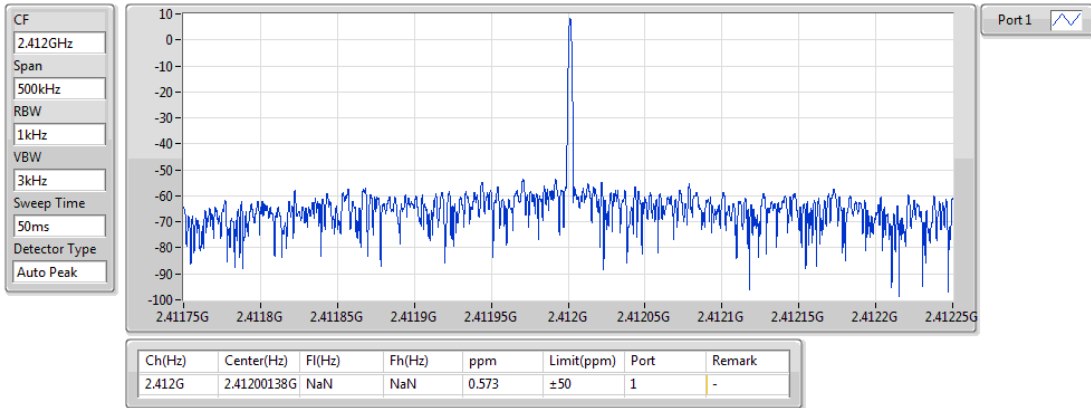
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

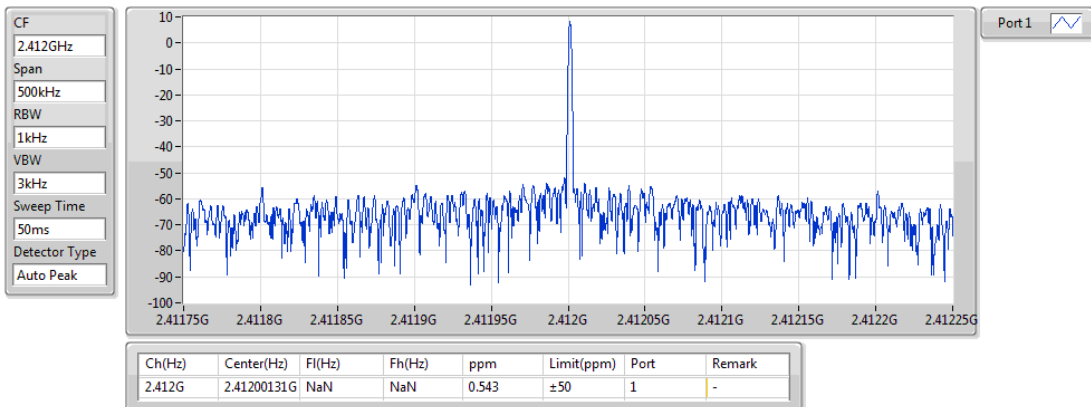
2412MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

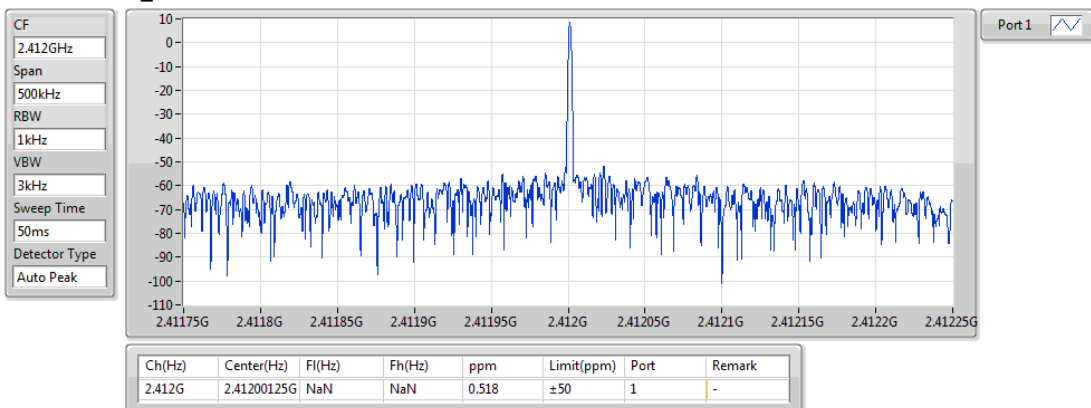
2412MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

2412MHz_TnomVmax





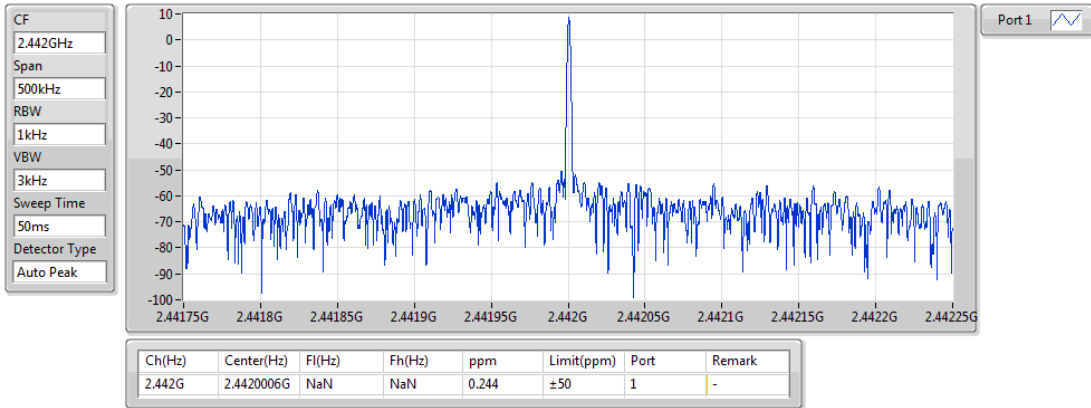
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

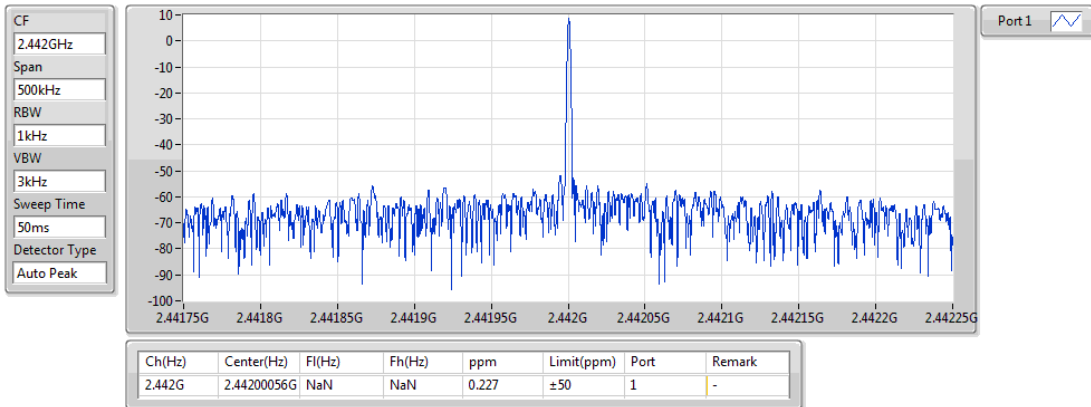
2442MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

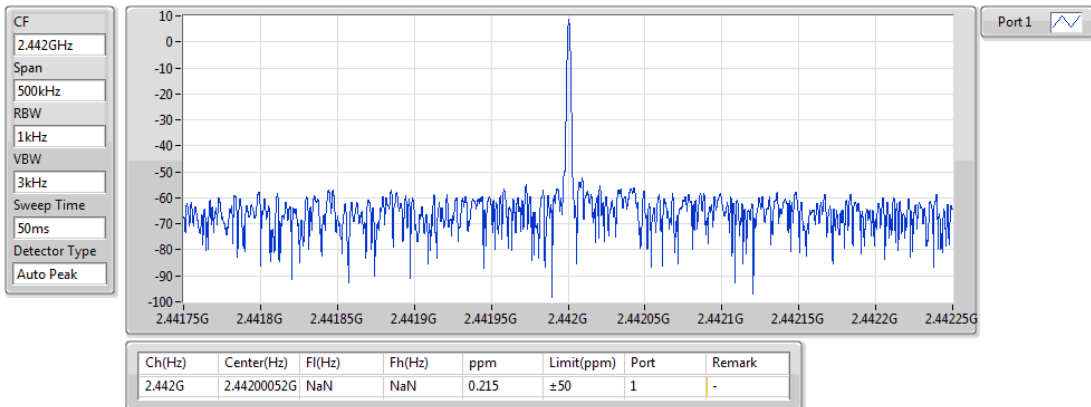
2442MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

2442MHz_TnomVmax





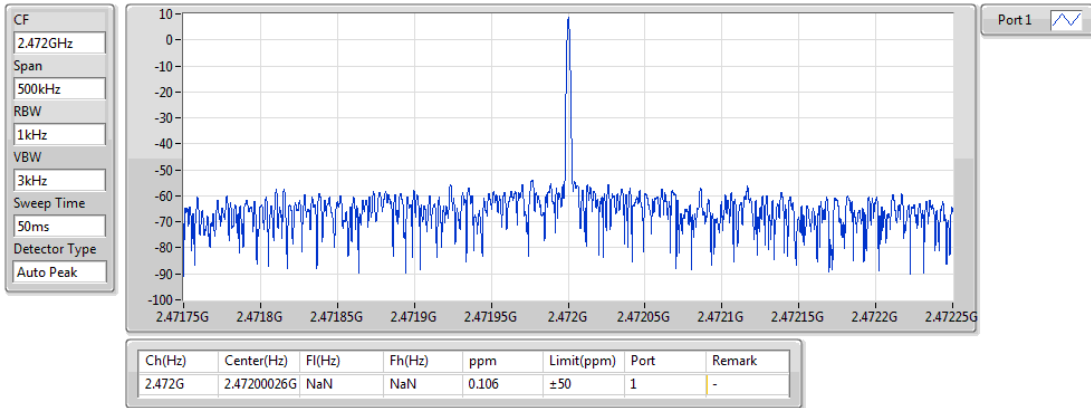
Frequency Tolerance Result

Appendix B

802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

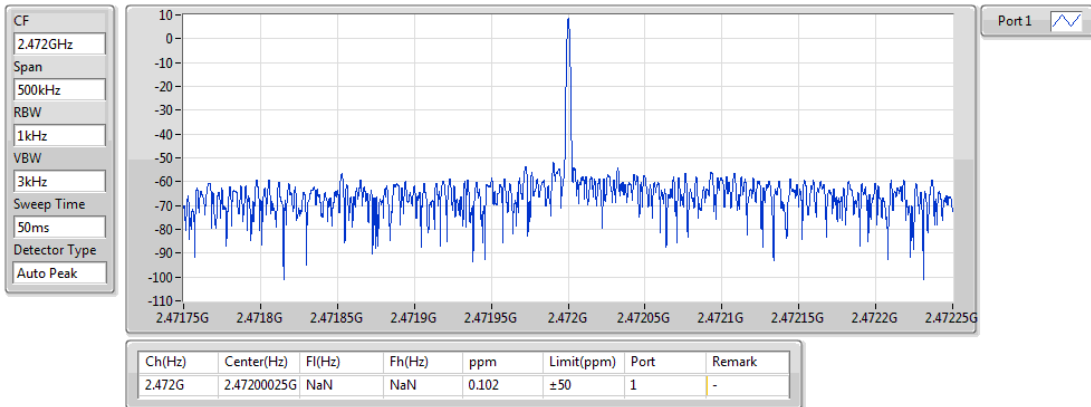
2472MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

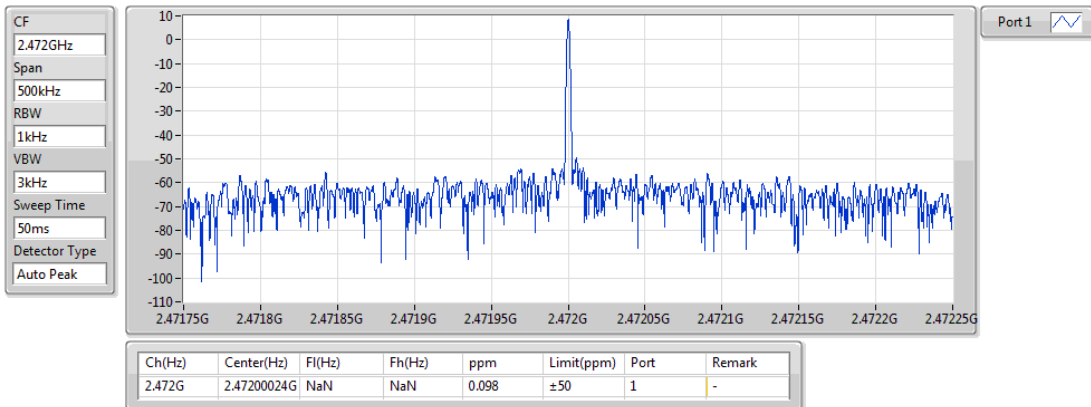
2472MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

Freq. Stability

2472MHz_TnomVmax





Occupied Bandwidth Result

Appendix C

Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
802.11b_Nss1_1TX	13.873M	13M8G1D	13.853M
802.11g_Nss1_1TX	16.512M	16M5D1D	16.472M
802.11n HT20_Nss1,(MCS0)_1TX	17.591M	17M5D1D	17.551M

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

Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)
802.11b_Nss1_1TX	-	-	-
2412MHz_TnomVnom	Pass	26M	13.853M
2412MHz_TnomVmin	Pass	26M	13.853M
2412MHz_TnomVmax	Pass	26M	13.853M
2442MHz_TnomVnom	Pass	26M	13.853M
2442MHz_TnomVmin	Pass	26M	13.873M
2442MHz_TnomVmax	Pass	26M	13.873M
2472MHz_TnomVnom	Pass	26M	13.853M
2472MHz_TnomVmin	Pass	26M	13.853M
2472MHz_TnomVmax	Pass	26M	13.853M
802.11g_Nss1_1TX	-	-	-
2412MHz_TnomVnom	Pass	26M	16.492M
2412MHz_TnomVmin	Pass	26M	16.492M
2412MHz_TnomVmax	Pass	26M	16.492M
2442MHz_TnomVnom	Pass	26M	16.512M
2442MHz_TnomVmin	Pass	26M	16.492M
2442MHz_TnomVmax	Pass	26M	16.472M
2472MHz_TnomVnom	Pass	26M	16.512M
2472MHz_TnomVmin	Pass	26M	16.512M
2472MHz_TnomVmax	Pass	26M	16.512M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-
2412MHz_TnomVnom	Pass	26M	17.571M
2412MHz_TnomVmin	Pass	26M	17.571M
2412MHz_TnomVmax	Pass	26M	17.571M
2442MHz_TnomVnom	Pass	26M	17.551M
2442MHz_TnomVmin	Pass	26M	17.571M



Occupied Bandwidth Result

Appendix C

Mode	Result	Limit (Hz)	P1-OBW (Hz)
2442MHz_TnomVmax	Pass	26M	17.591M
2472MHz_TnomVnom	Pass	26M	17.551M
2472MHz_TnomVmin	Pass	26M	17.571M
2472MHz_TnomVmax	Pass	26M	17.571M

P1-OBW = Port 1 99% occupied bandwidth;



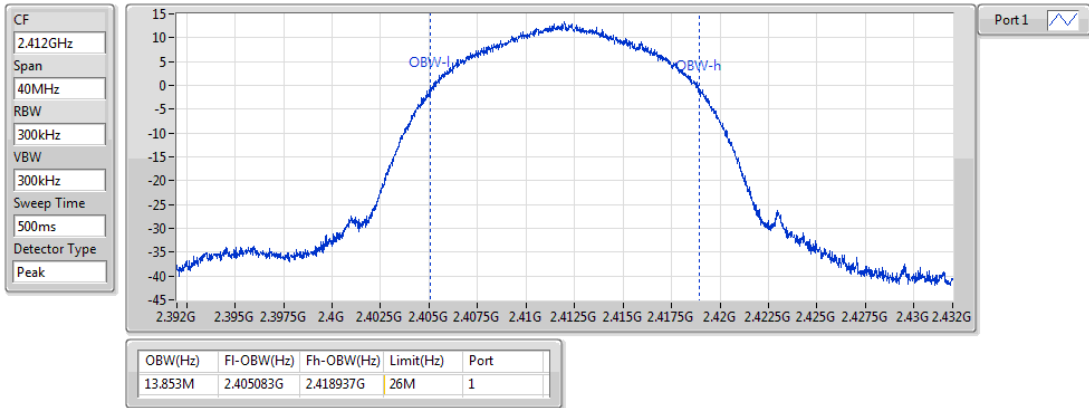
Occupied Bandwidth Result

Appendix C

802.11b_Nss1_1TX

OBW

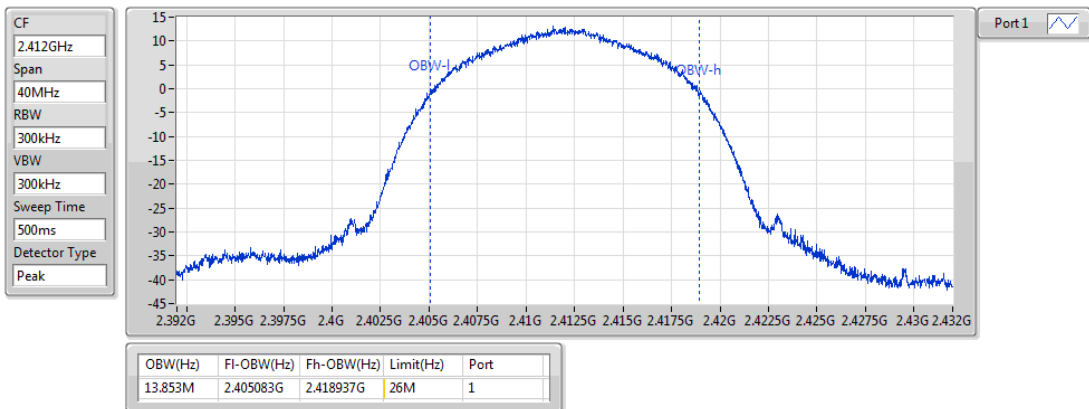
2412MHz_TnomVnom



802.11b_Nss1_1TX

OBW

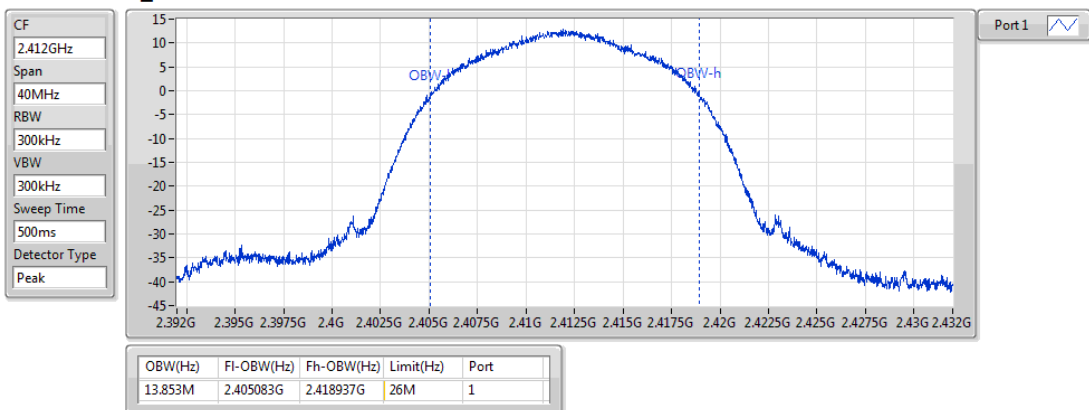
2412MHz_TnomVmin



802.11b_Nss1_1TX

OBW

2412MHz_TnomVmax





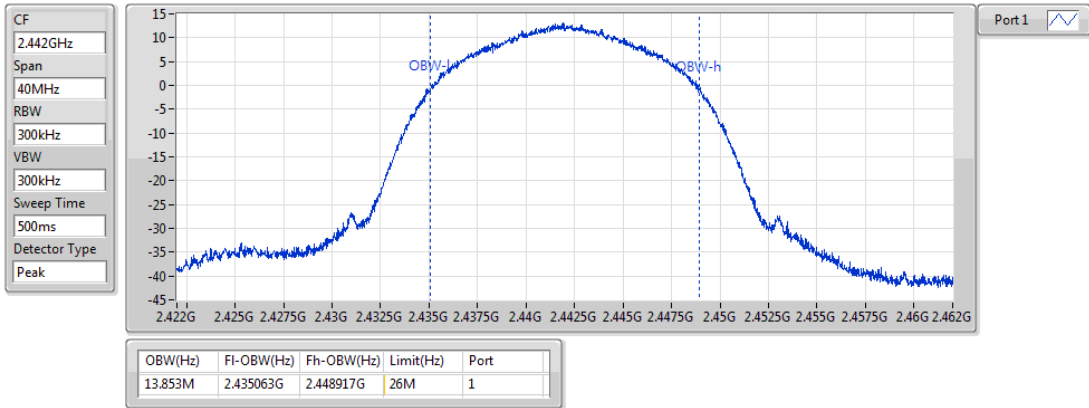
Occupied Bandwidth Result

Appendix C

802.11b_Nss1_1TX

OBW

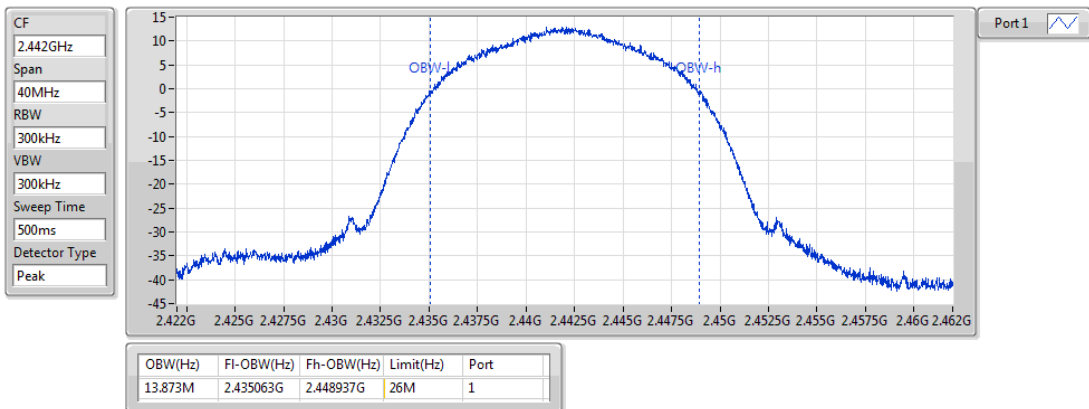
2442MHz_TnomVnom



802.11b_Nss1_1TX

OBW

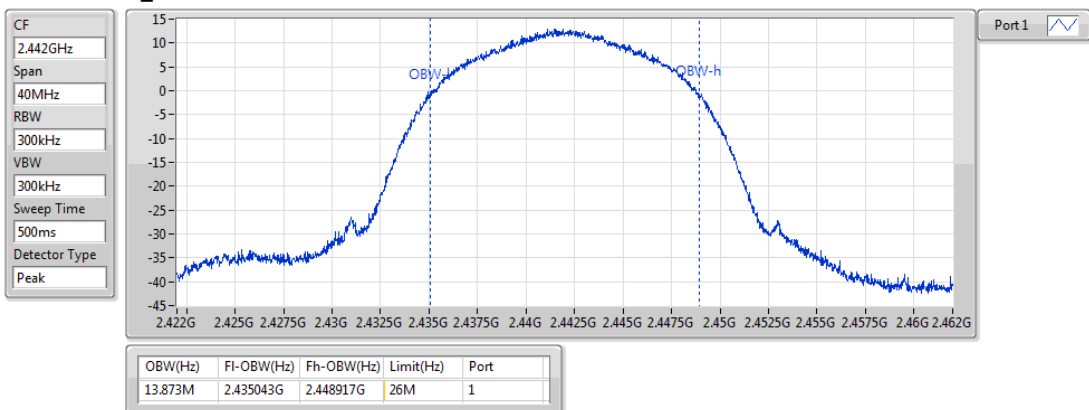
2442MHz_TnomVmin



802.11b_Nss1_1TX

OBW

2442MHz_TnomVmax





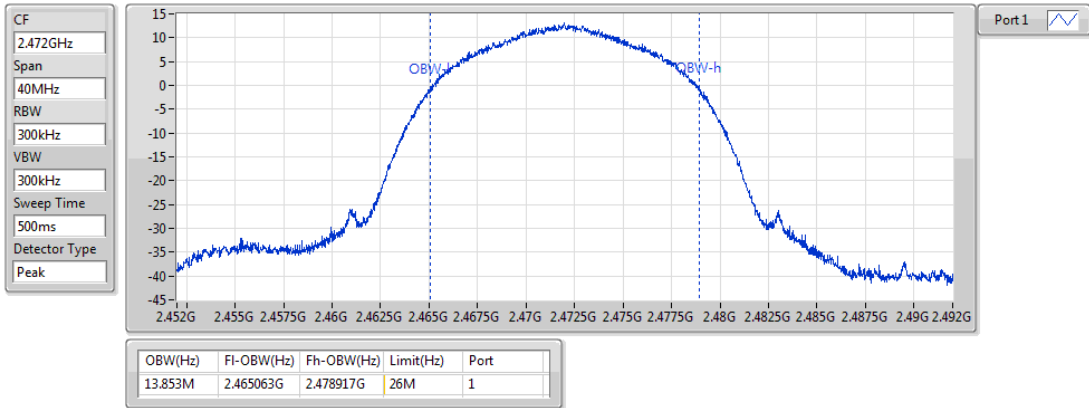
Occupied Bandwidth Result

Appendix C

802.11b_Nss1_1TX

OBW

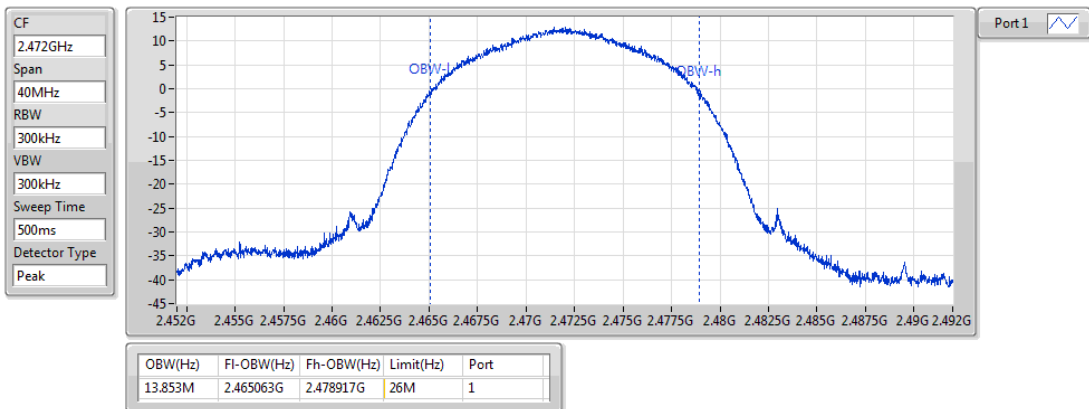
2472MHz_TnomVnom



802.11b_Nss1_1TX

OBW

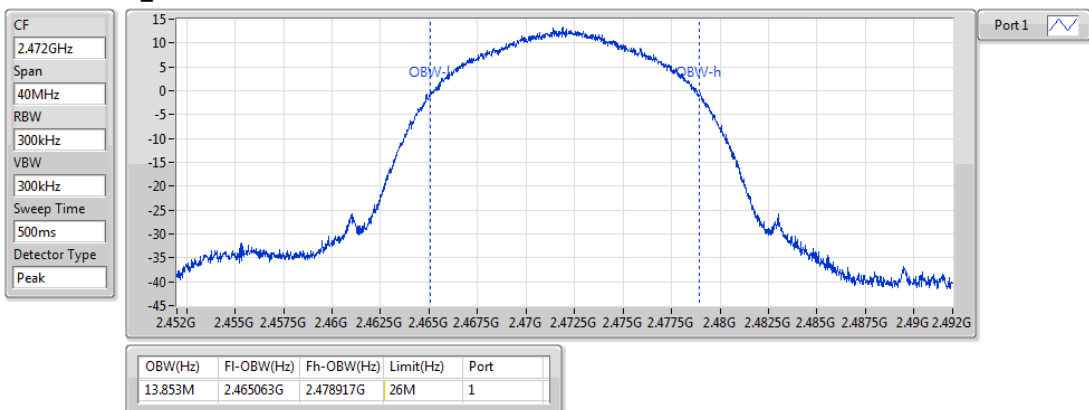
2472MHz_TnomVmin



802.11b_Nss1_1TX

OBW

2472MHz_TnomVmax





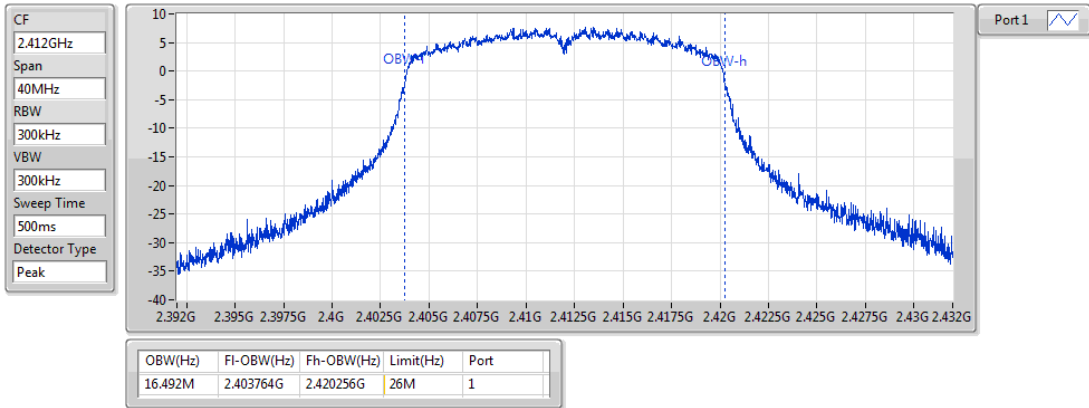
Occupied Bandwidth Result

Appendix C

802.11g_Nss1_1TX

OBW

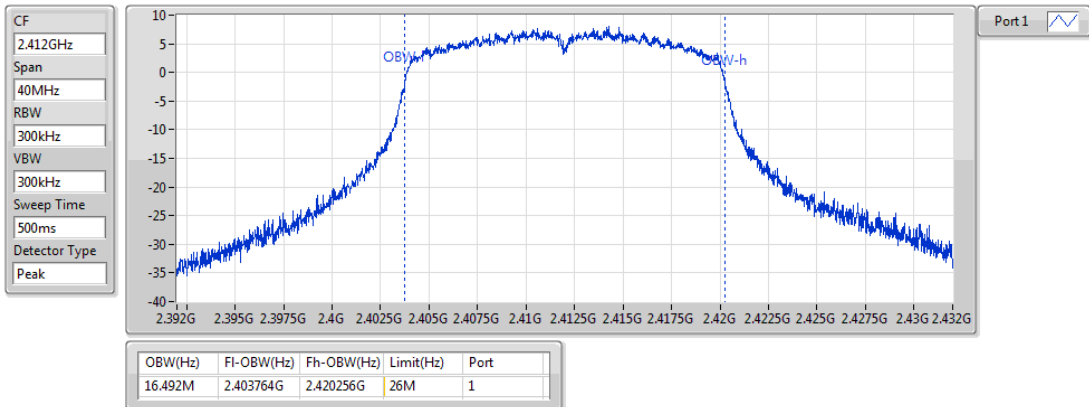
2412MHz_TnomVnom



802.11g_Nss1_1TX

OBW

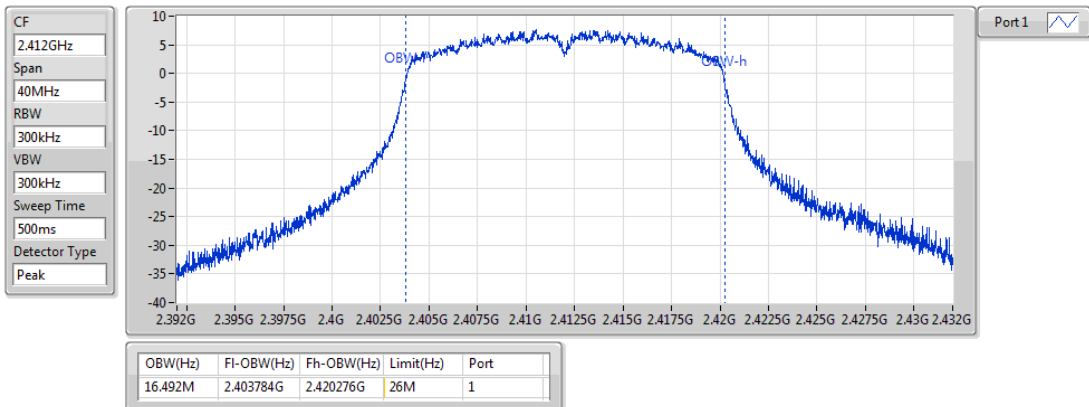
2412MHz_TnomVmin



802.11g_Nss1_1TX

OBW

2412MHz_TnomVmax





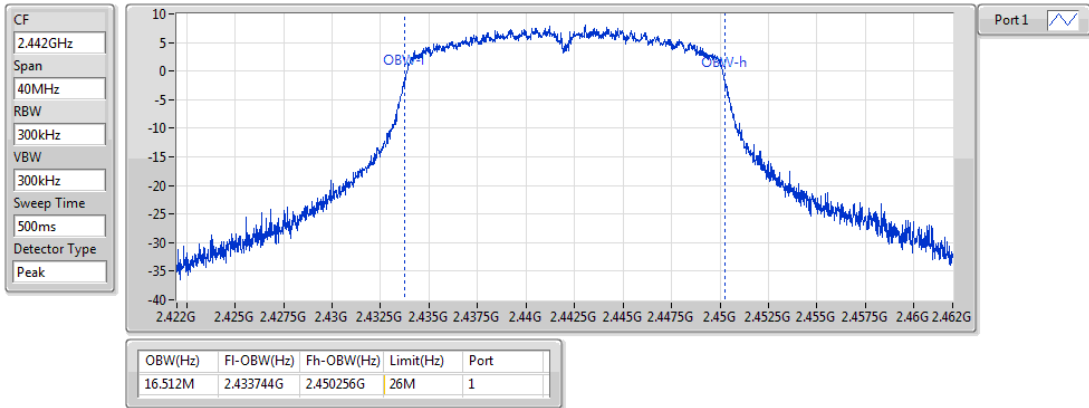
Occupied Bandwidth Result

Appendix C

802.11g_Nss1_1TX

OBW

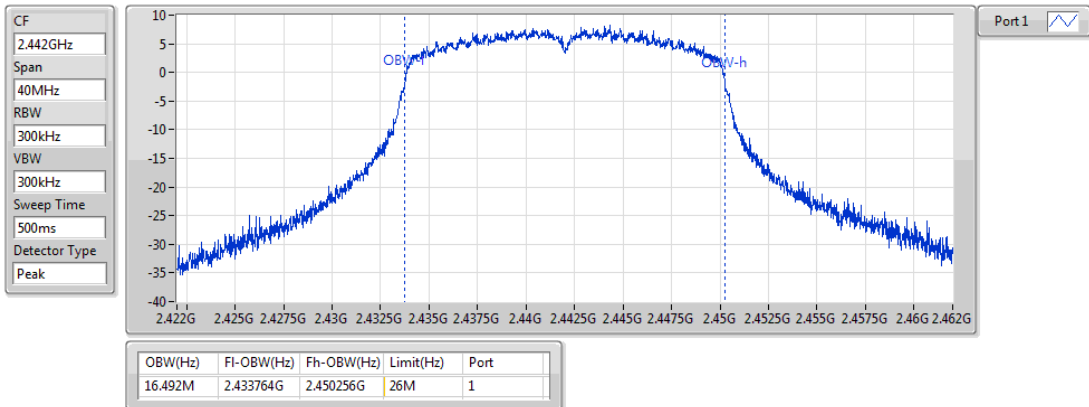
2442MHz_TnomVnom



802.11g_Nss1_1TX

OBW

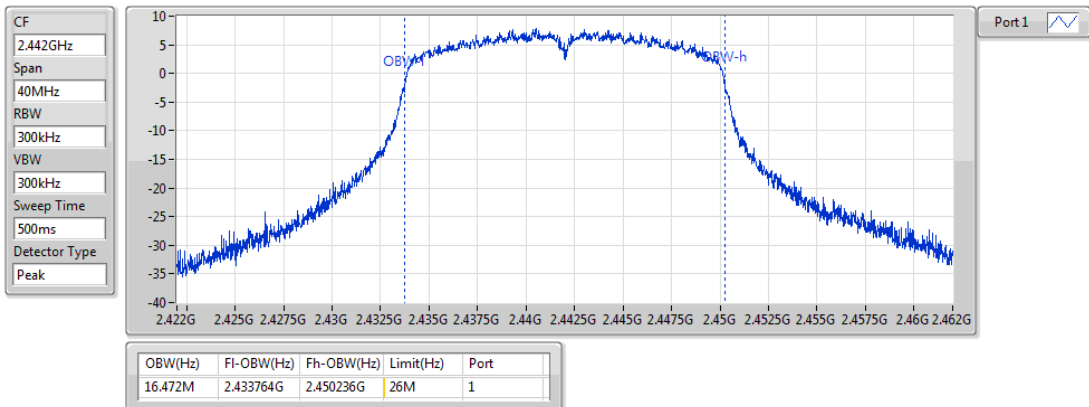
2442MHz_TnomVmin



802.11g_Nss1_1TX

OBW

2442MHz_TnomVmax





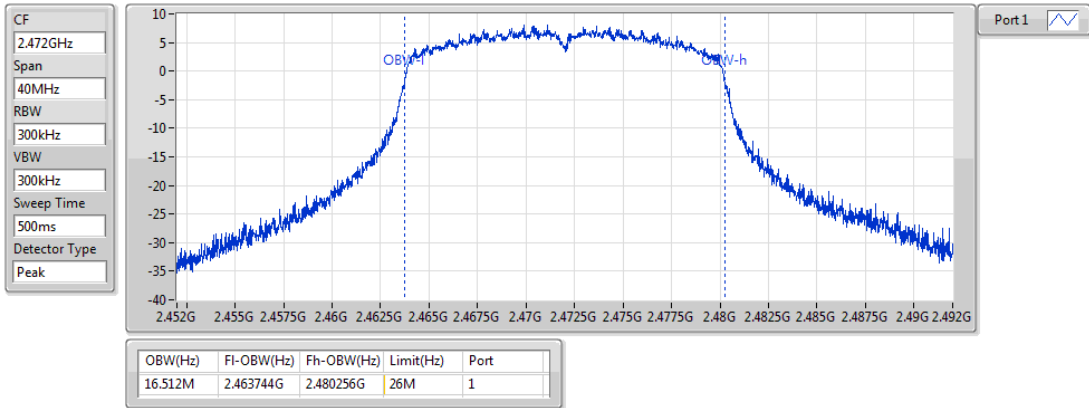
Occupied Bandwidth Result

Appendix C

802.11g_Nss1_1TX

OBW

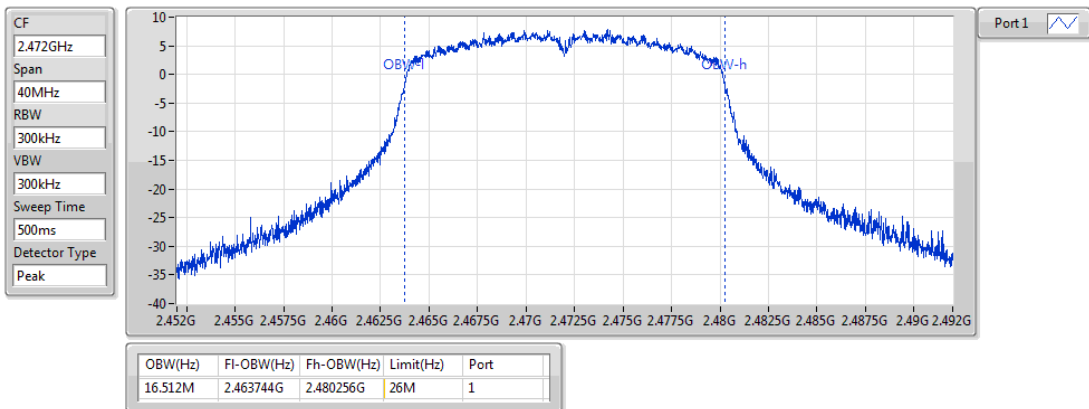
2472MHz_TnomVnom



802.11g_Nss1_1TX

OBW

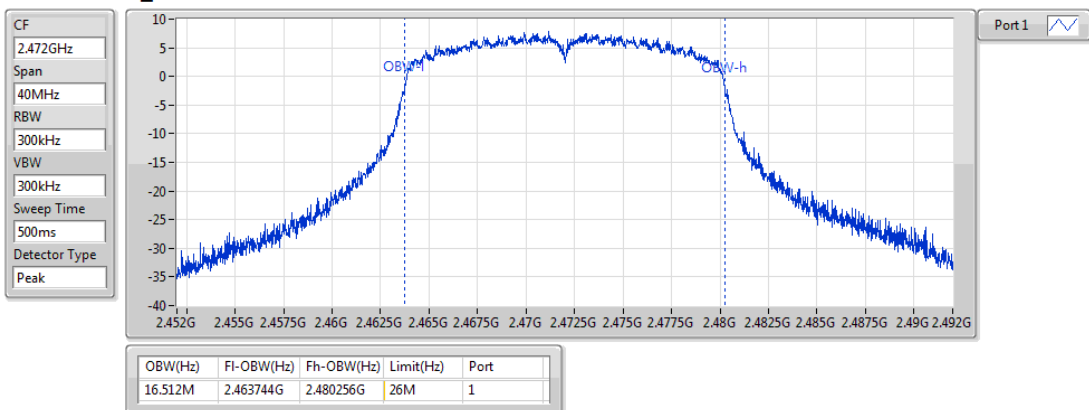
2472MHz_TnomVmin



802.11g_Nss1_1TX

OBW

2472MHz_TnomVmax





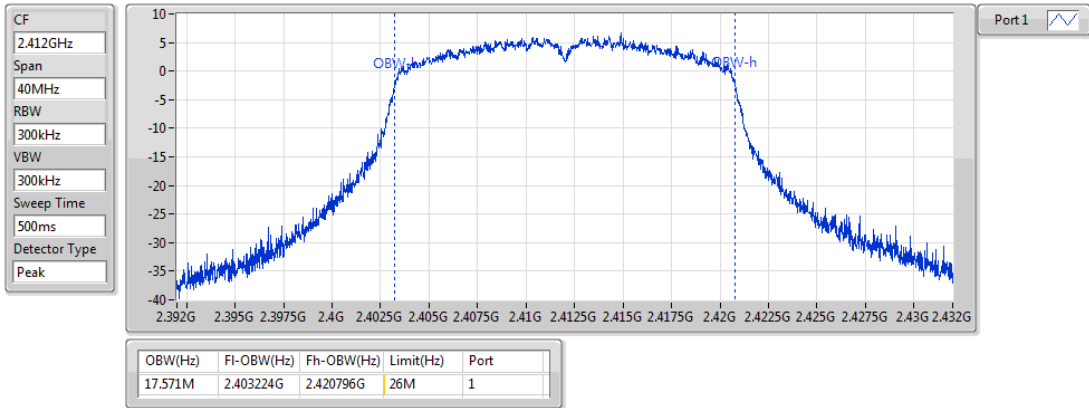
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

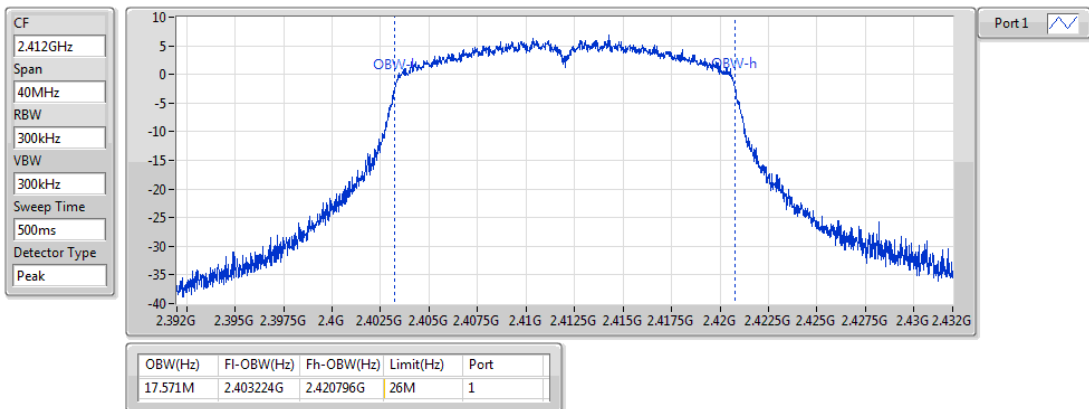
2412MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

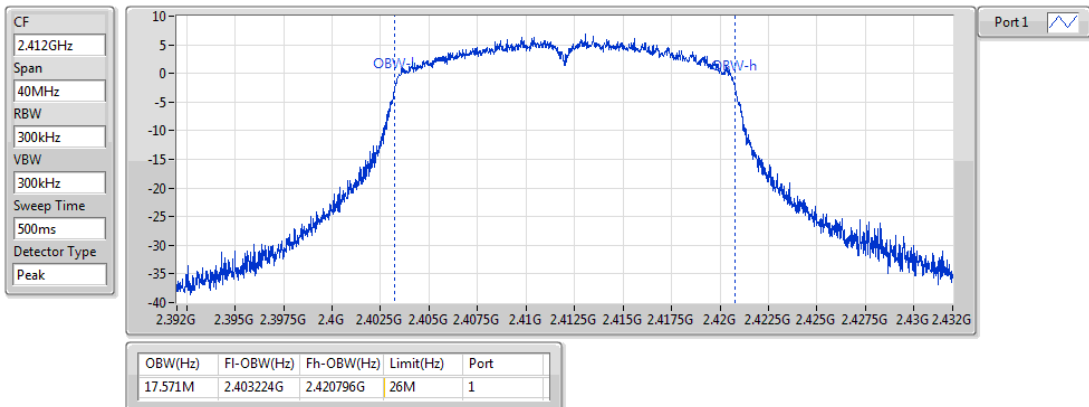
2412MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

2412MHz_TnomVmax





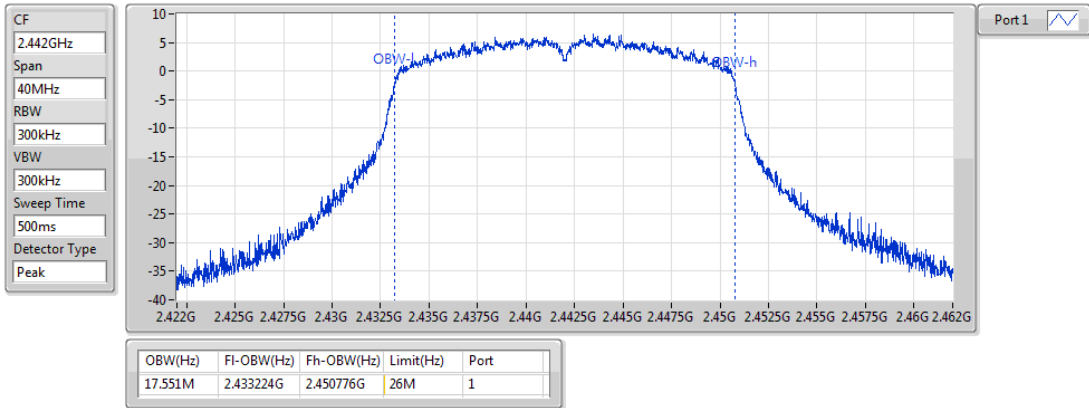
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

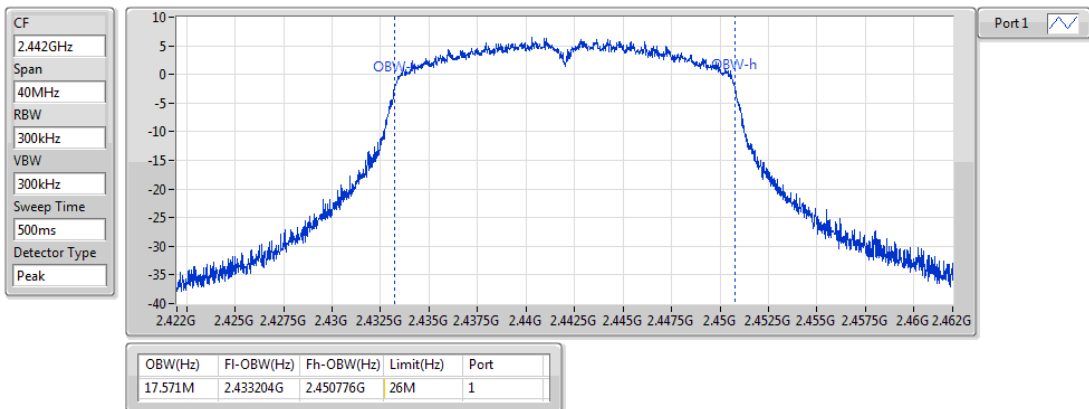
2442MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

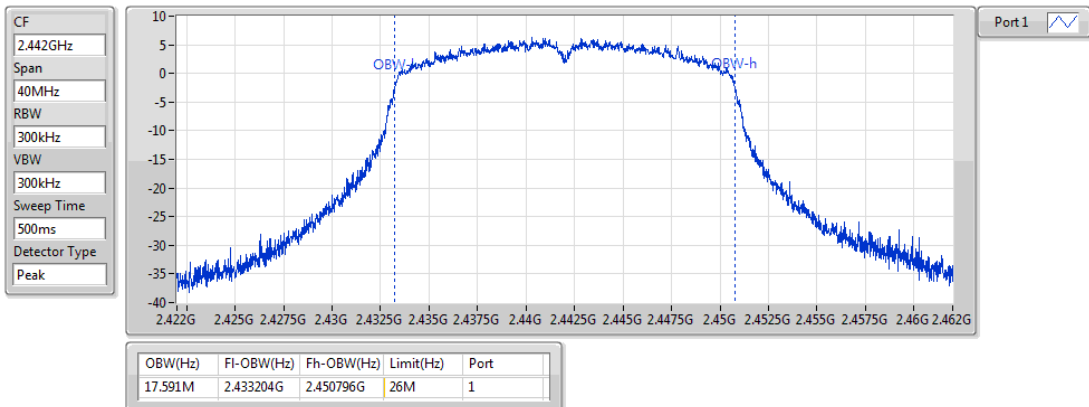
2442MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

2442MHz_TnomVmax





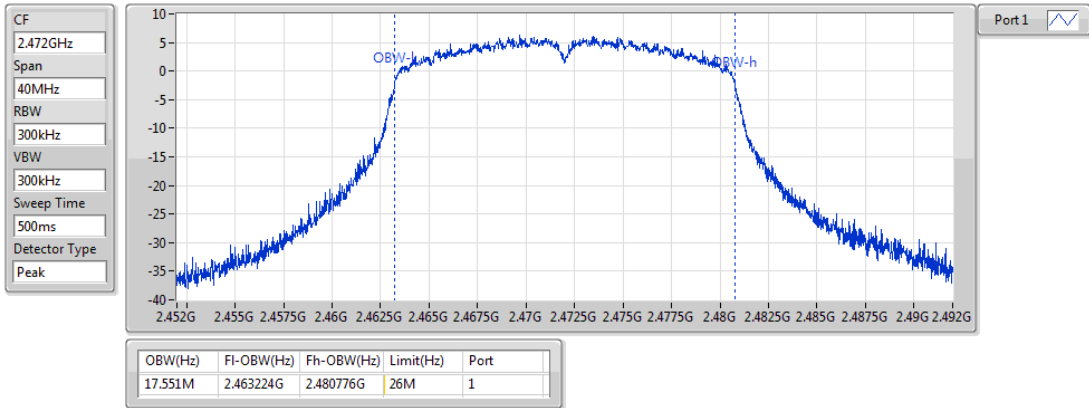
Occupied Bandwidth Result

Appendix C

802.11n HT20_Nss1,(MCS0)_1TX

OBW

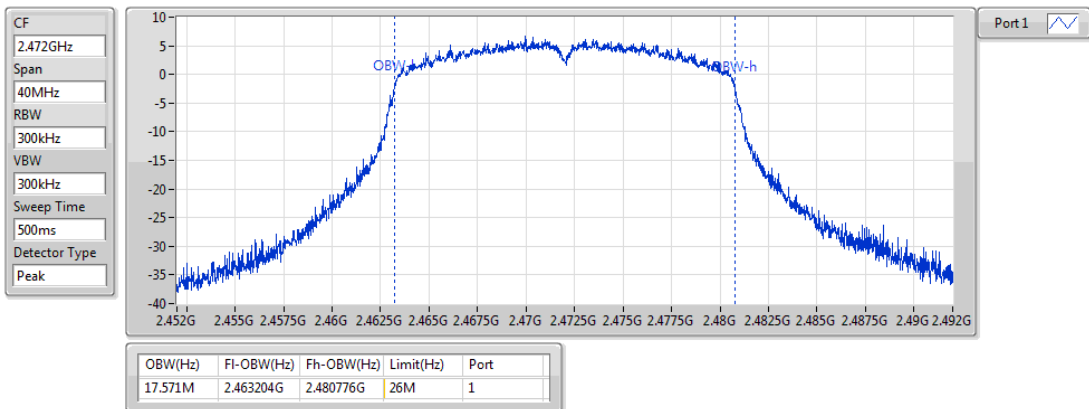
2472MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

OBW

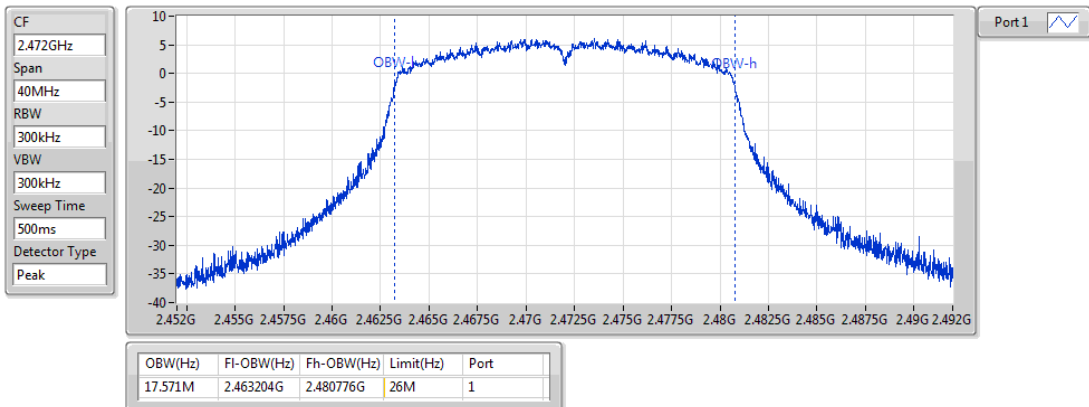
2472MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

OBW

2472MHz_TnomVmax





Spread Bandwidth Result

Appendix D

Summary

Mode	Max-SBW (Hz)	Min-SBW (Hz)	Max-SF	Min-SF
2.4-2.4835GHz	-	-	-	-
802.11b_Nss1_1TX	9.615M	9.575M	6.993	6.964

Max-SBW = Maximum spreading bandwidth; **Min-SBW** = Minimum spreading bandwidth;

Max-SF = Maximum spreading factor; **Min-SF** = Minimum spreading factor;



Spread Bandwidth Result

Appendix D

Result

Mode	Result	SBW Limit (Hz)	Symbol Rate (Mps)	SF Limit	P1-SBW (Hz)	P1-SF
802.11b_Nss1_1TX	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	1.375M	5	9.615M	6.993
2412MHz_TnomVmin	Pass	500k	1.375M	5	9.595M	6.978
2412MHz_TnomVmax	Pass	500k	1.375M	5	9.615M	6.993
2442MHz_TnomVnom	Pass	500k	1.375M	5	9.595M	6.978
2442MHz_TnomVmin	Pass	500k	1.375M	5	9.575M	6.964
2442MHz_TnomVmax	Pass	500k	1.375M	5	9.615M	6.993
2472MHz_TnomVnom	Pass	500k	1.375M	5	9.595M	6.978
2472MHz_TnomVmin	Pass	500k	1.375M	5	9.615M	6.993
2472MHz_TnomVmax	Pass	500k	1.375M	5	9.615M	6.993

P1-SBW = Port 1 spreading bandwidth; **P1-SF** = Port 1 spreading factor;



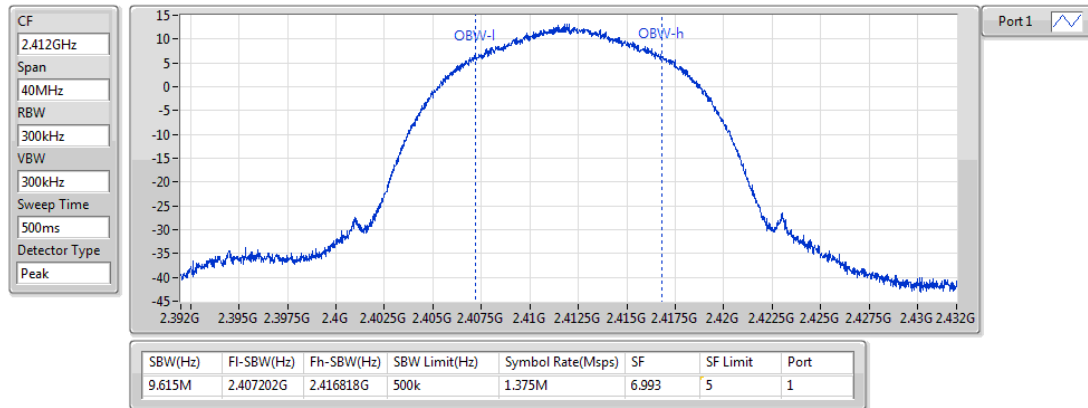
Spread Bandwidth Result

Appendix D

802.11b_Nss1_1TX

SBW

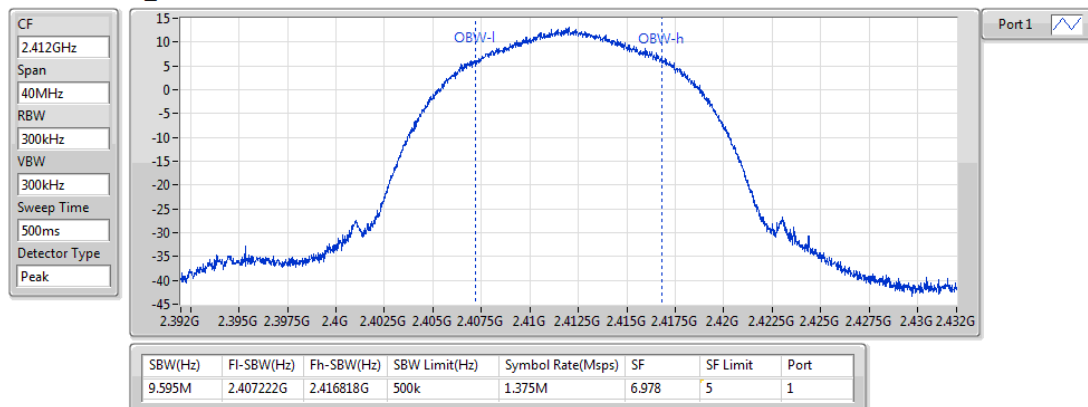
2412MHz_TnomVnom



802.11b_Nss1_1TX

SBW

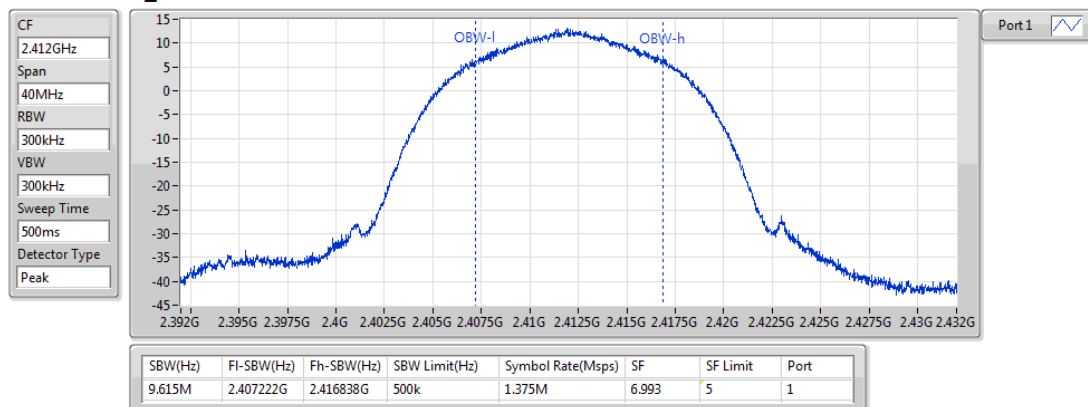
2412MHz_TnomVmin



802.11b_Nss1_1TX

SBW

2412MHz_TnomVmax





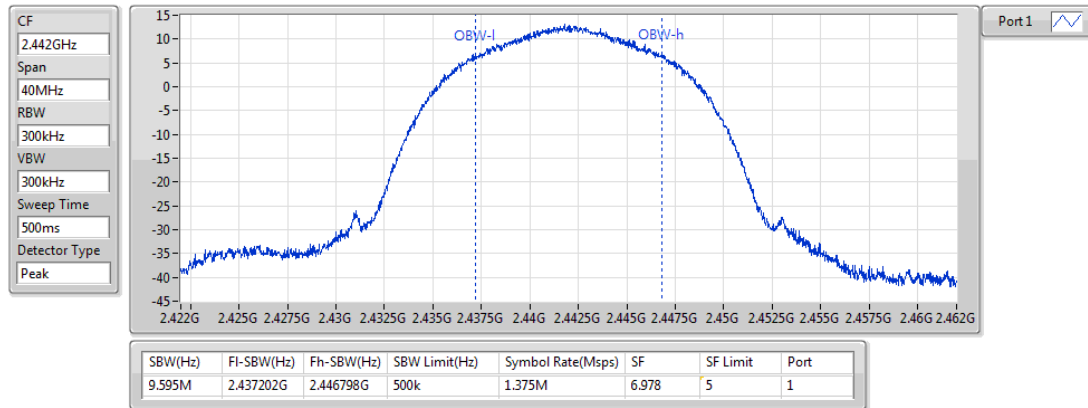
Spread Bandwidth Result

Appendix D

802.11b_Nss1_1TX

SBW

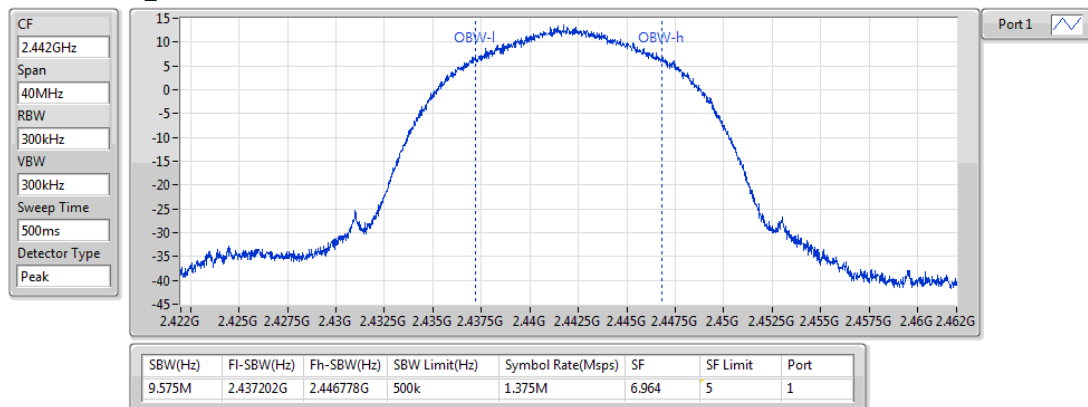
2442MHz_TnomVnom



802.11b_Nss1_1TX

SBW

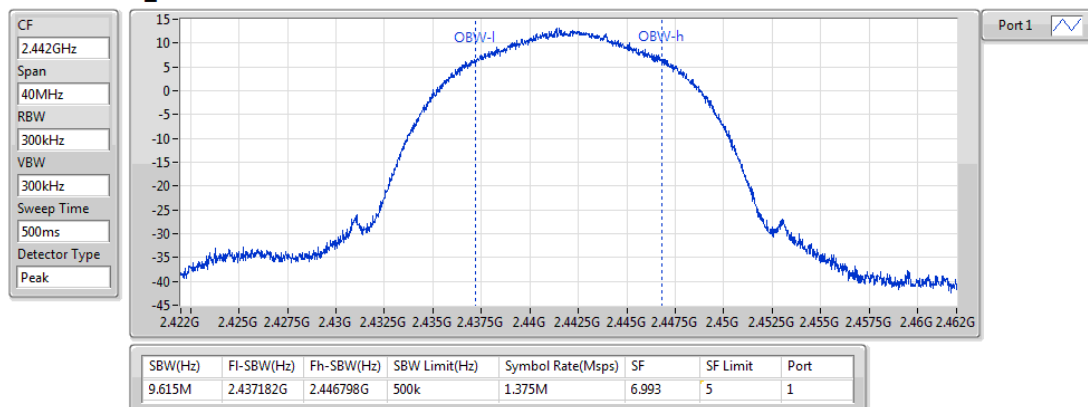
2442MHz_TnomVmin



802.11b_Nss1_1TX

SBW

2442MHz_TnomVmax





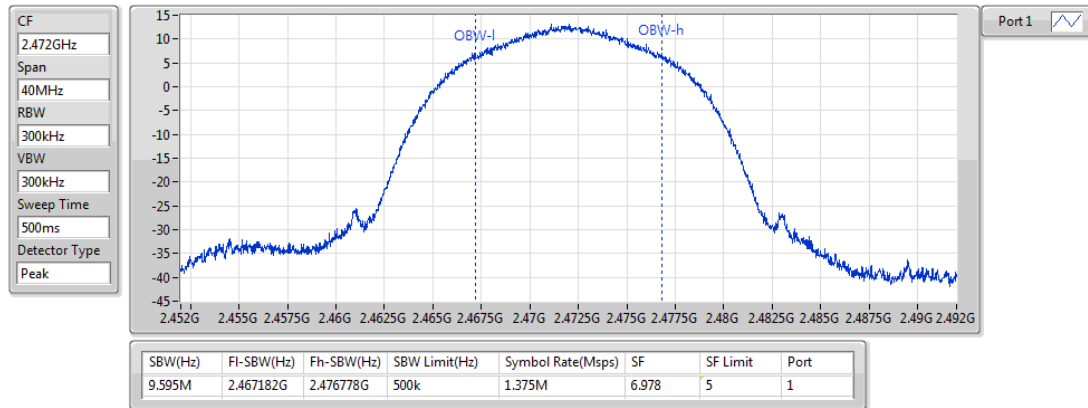
Spread Bandwidth Result

Appendix D

802.11b_Nss1_1TX

SBW

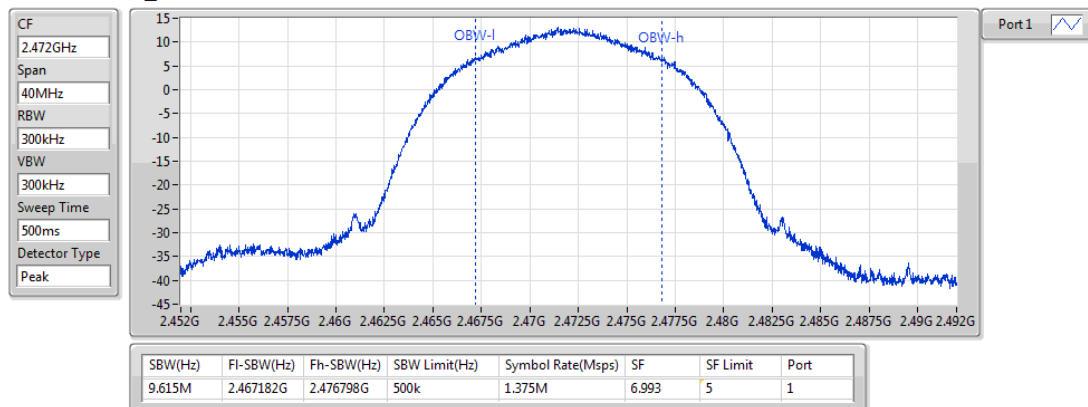
2472MHz_TnomVnom



802.11b_Nss1_1TX

SBW

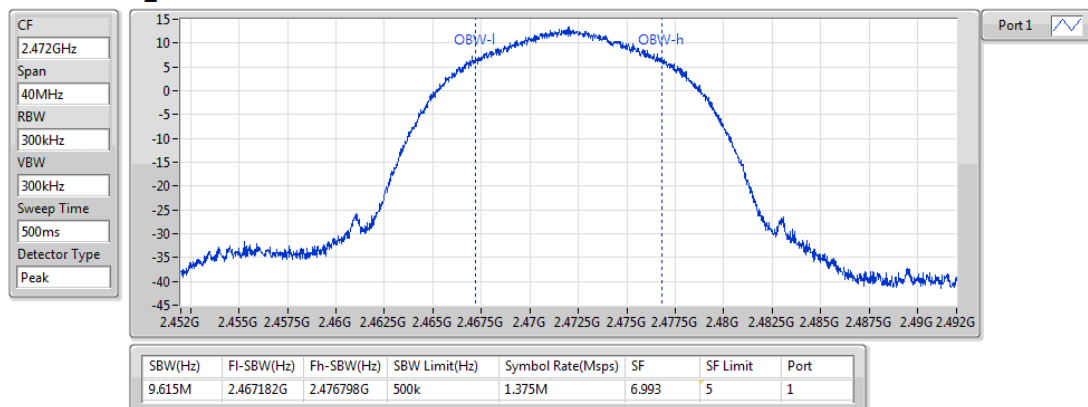
2472MHz_TnomVmin



802.11b_Nss1_1TX

SBW

2472MHz_TnomVmax



**CSE-TX Unwanted Emission Strength Result**

Appendix E

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)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1_1TX	Pass	2.4835G	2.4965G	1M	2.48351G	-31.49	0.70958	25	-15.47	-31.49
802.11g_Nss1_1TX	Pass	2.4835G	2.4965G	1M	2.48362G	-23.58	4.38531	25	-7.56	-23.58
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4835G	2.4965G	1M	2.48351G	-25.17	3.04089	25	-9.15	-25.17

**CSE-TX Unwanted Emission Strength Result****Appendix E****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)
802.11b_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	2.387G	1M	2.38553G	-44.62	0.03451	2.5	-18.60	-44.62
2412MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39992G	-33.90	0.40738	25	-17.88	-33.90
2412MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48515G	-55.03	0.00314	25	-39.01	-55.03
2412MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.53556G	-46.36	0.02312	2.5	-20.34	-46.36
2412MHz_TnomVmin	Pass	30M	2.387G	1M	2.38612G	-43.28	0.04699	2.5	-17.26	-43.28
2412MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39997G	-33.73	0.42364	25	-17.71	-33.73
2412MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.4857G	-54.95	0.0032	25	-38.93	-54.95
2412MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.49625G	-46.31	0.02339	2.5	-20.29	-46.31
2412MHz_TnomVmax	Pass	30M	2.387G	1M	2.38523G	-44.35	0.03673	2.5	-18.33	-44.35
2412MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39999G	-33.82	0.41495	25	-17.80	-33.82
2412MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48566G	-55.10	0.00309	25	-39.08	-55.10
2412MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.49375G	-46.09	0.0246	2.5	-20.07	-46.09
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.38612G	-53.51	0.00446	2.5	-27.49	-53.51
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39995G	-51.97	0.00635	25	-35.95	-51.97
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48351G	-51.79	0.00662	25	-35.77	-51.79
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.49125G	-46.18	0.0241	2.5	-20.16	-46.18
2442MHz_TnomVmin	Pass	30M	2.387G	1M	2.38553G	-53.30	0.00468	2.5	-27.28	-53.30
2442MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.3999G	-51.93	0.00641	25	-35.91	-51.93
2442MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48372G	-51.90	0.00646	25	-35.88	-51.90
2442MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.48875G	-46.31	0.02339	2.5	-20.29	-46.31
2442MHz_TnomVmax	Pass	30M	2.387G	1M	2.38671G	-53.43	0.00454	2.5	-27.41	-53.43
2442MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39999G	-51.87	0.0065	25	-35.85	-51.87
2442MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48353G	-51.91	0.00644	25	-35.89	-51.91
2442MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.49125G	-46.38	0.02301	2.5	-20.36	-46.38
2472MHz_TnomVnom	Pass	30M	2.387G	1M	2.32189G	-55.12	0.00308	2.5	-29.10	-55.12
2472MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39828G	-55.11	0.00308	25	-39.09	-55.11
2472MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48351G	-31.49	0.70958	25	-15.47	-31.49
2472MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.52556G	-46.27	0.0236	2.5	-20.25	-46.27
2472MHz_TnomVmin	Pass	30M	2.387G	1M	2.32395G	-54.81	0.0033	2.5	-28.79	-54.81
2472MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39815G	-55.00	0.00316	25	-38.98	-55.00
2472MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48355G	-31.61	0.69024	25	-15.59	-31.61
2472MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.48499G	-46.36	0.02312	2.5	-20.34	-46.36
2472MHz_TnomVmax	Pass	30M	2.387G	1M	2.26473G	-54.97	0.00318	2.5	-28.95	-54.97

**CSE-TX Unwanted Emission Strength Result****Appendix E**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (uW/MHz)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)
2472MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39926G	-55.15	0.00305	25	-39.13	-55.15
2472MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48351G	-31.57	0.69663	25	-15.55	-31.57
2472MHz_TnomVmax	Pass	2.4965G	12.5G	1M	2.4965G	-46.32	0.02333	2.5	-20.30	-46.32
802.11g_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	2.387G	1M	2.387G	-40.61	0.0869	2.5	-14.59	-40.61
2412MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39982G	-25.89	2.57632	25	-9.87	-25.89
2412MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48375G	-55.25	0.00299	25	-39.23	-55.25
2412MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.51931G	-46.45	0.02265	2.5	-20.43	-46.45
2412MHz_TnomVmin	Pass	30M	2.387G	1M	2.38641G	-40.93	0.08072	2.5	-14.91	-40.93
2412MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.3999G	-25.49	2.82488	25	-9.47	-25.49
2412MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48576G	-55.15	0.00305	25	-39.13	-55.15
2412MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.49125G	-46.30	0.02344	2.5	-20.28	-46.30
2412MHz_TnomVmax	Pass	30M	2.387G	1M	2.38641G	-40.79	0.08337	2.5	-14.77	-40.79
2412MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39983G	-25.82	2.61818	25	-9.80	-25.82
2412MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48353G	-55.09	0.0031	25	-39.07	-55.09
2412MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.49G	-46.58	0.02198	2.5	-20.56	-46.58
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.38464G	-52.75	0.00531	2.5	-26.73	-52.75
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39956G	-50.17	0.00962	25	-34.15	-50.17
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48368G	-50.23	0.00948	25	-34.21	-50.23
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.4875G	-46.32	0.02333	2.5	-20.30	-46.32
2442MHz_TnomVmin	Pass	30M	2.387G	1M	2.38582G	-52.55	0.00556	2.5	-26.53	-52.55
2442MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39944G	-50.33	0.00927	25	-34.31	-50.33
2442MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48364G	-50.16	0.00964	25	-34.14	-50.16
2442MHz_TnomVmin	Pass	2.4965G	12.5G	1M	10.5068G	-46.46	0.02259	2.5	-20.44	-46.46
2442MHz_TnomVmax	Pass	30M	2.387G	1M	2.38612G	-52.55	0.00556	2.5	-26.53	-52.55
2442MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39995G	-50.20	0.00955	25	-34.18	-50.20
2442MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48353G	-50.38	0.00916	25	-34.36	-50.38
2442MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.47249G	-46.27	0.0236	2.5	-20.25	-46.27
2472MHz_TnomVnom	Pass	30M	2.387G	1M	2.37875G	-55.87	0.00259	2.5	-29.85	-55.87
2472MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39961G	-55.43	0.00286	25	-39.41	-55.43
2472MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48351G	-23.62	4.3451	25	-7.60	-23.62
2472MHz_TnomVnom	Pass	2.4965G	12.5G	1M	2.4965G	-42.77	0.05284	2.5	-16.75	-42.77
2472MHz_TnomVmin	Pass	30M	2.387G	1M	2.35135G	-55.12	0.00308	2.5	-29.10	-55.12
2472MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39987G	-55.50	0.00282	25	-39.48	-55.50
2472MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48351G	-23.64	4.32514	25	-7.62	-23.64

**CSE-TX Unwanted Emission Strength Result****Appendix E**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (uW/MHz)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)
2472MHz_TnomVmin	Pass	2.4965G	12.5G	1M	2.4965G	-43.11	0.04887	2.5	-17.09	-43.11
2472MHz_TnomVmax	Pass	30M	2.387G	1M	2.35194G	-55.99	0.00252	2.5	-29.97	-55.99
2472MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39932G	-55.47	0.00284	25	-39.45	-55.47
2472MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48362G	-23.58	4.38531	25	-7.56	-23.58
2472MHz_TnomVmax	Pass	2.4965G	12.5G	1M	2.4965G	-42.10	0.06166	2.5	-16.08	-42.10
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	2.387G	1M	2.387G	-43.69	0.04276	2.5	-17.67	-43.69
2412MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39997G	-27.14	1.93197	25	-11.12	-27.14
2412MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48363G	-55.40	0.00288	25	-39.38	-55.40
2412MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.5018G	-46.52	0.02228	2.5	-20.50	-46.52
2412MHz_TnomVmin	Pass	30M	2.387G	1M	2.38671G	-43.28	0.04699	2.5	-17.26	-43.28
2412MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39996G	-27.67	1.71002	25	-11.65	-27.67
2412MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48354G	-55.41	0.00288	25	-39.39	-55.41
2412MHz_TnomVmin	Pass	2.4965G	12.5G	1M	12.47874G	-46.35	0.02317	2.5	-20.33	-46.35
2412MHz_TnomVmax	Pass	30M	2.387G	1M	2.38671G	-44.33	0.0369	2.5	-18.31	-44.33
2412MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39995G	-27.46	1.79473	25	-11.44	-27.46
2412MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48379G	-55.38	0.0029	25	-39.36	-55.38
2412MHz_TnomVmax	Pass	2.4965G	12.5G	1M	12.4975G	-46.42	0.0228	2.5	-20.40	-46.42
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.387G	-52.92	0.00511	2.5	-26.90	-52.92
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39995G	-51.01	0.00793	25	-34.99	-51.01
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48397G	-51.12	0.00773	25	-35.10	-51.12
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	12.48249G	-45.73	0.02673	2.5	-19.71	-45.73
2442MHz_TnomVmin	Pass	30M	2.387G	1M	2.38376G	-52.86	0.00518	2.5	-26.84	-52.86
2442MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39982G	-51.03	0.00789	25	-35.01	-51.03
2442MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48403G	-51.09	0.00778	25	-35.07	-51.09
2442MHz_TnomVmin	Pass	2.4965G	12.5G	1M	10.52931G	-46.44	0.0227	2.5	-20.42	-46.44
2442MHz_TnomVmax	Pass	30M	2.387G	1M	2.38671G	-52.65	0.00543	2.5	-26.63	-52.65
2442MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39999G	-51.06	0.00783	25	-35.04	-51.06
2442MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48363G	-51.08	0.0078	25	-35.06	-51.08
2442MHz_TnomVmax	Pass	2.4965G	12.5G	1M	10.50805G	-46.62	0.02178	2.5	-20.60	-46.62
2472MHz_TnomVnom	Pass	30M	2.387G	1M	2.31717G	-55.80	0.00263	2.5	-29.78	-55.80
2472MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39882G	-55.76	0.00265	25	-39.74	-55.76
2472MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48351G	-25.17	3.04089	25	-9.15	-25.17
2472MHz_TnomVnom	Pass	2.4965G	12.5G	1M	2.4965G	-45.26	0.02979	2.5	-19.24	-45.26

**CSE-TX Unwanted Emission Strength Result****Appendix E**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (uW/MHz)	Limit (uW/MHz)	Margin (dB)	P1 (dBm)
2472MHz_TnomVmin	Pass	30M	2.387G	1M	2.31099G	-55.66	0.00272	2.5	-29.64	-55.66
2472MHz_TnomVmin	Pass	2.387G	2.4G	1M	2.39927G	-55.76	0.00265	25	-39.74	-55.76
2472MHz_TnomVmin	Pass	2.4835G	2.4965G	1M	2.48357G	-25.79	2.63633	25	-9.77	-25.79
2472MHz_TnomVmin	Pass	2.4965G	12.5G	1M	2.4965G	-44.85	0.03273	2.5	-18.83	-44.85
2472MHz_TnomVmax	Pass	30M	2.387G	1M	2.34575G	-55.97	0.00253	2.5	-29.95	-55.97
2472MHz_TnomVmax	Pass	2.387G	2.4G	1M	2.39988G	-55.84	0.00261	25	-39.82	-55.84
2472MHz_TnomVmax	Pass	2.4835G	2.4965G	1M	2.48353G	-25.31	2.94442	25	-9.29	-25.31
2472MHz_TnomVmax	Pass	2.4965G	12.5G	1M	2.4965G	-44.84	0.03281	2.5	-18.82	-44.84

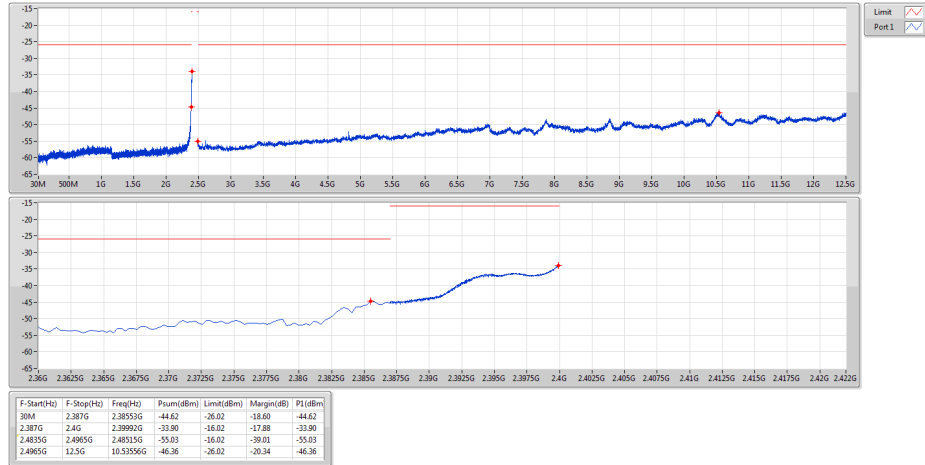


CSE-TX Unwanted Emission Result

Appendix E

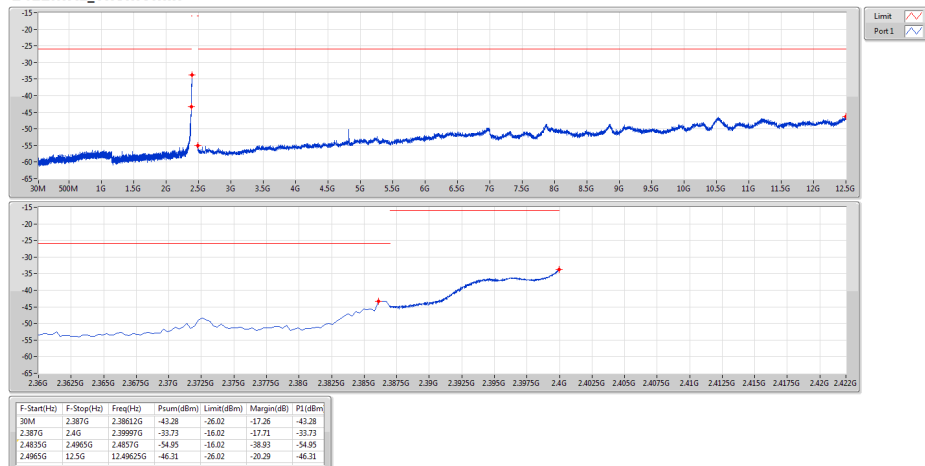
802.11b_Nss1_1TX
2412MHz_TnomVnom

CSE-TX



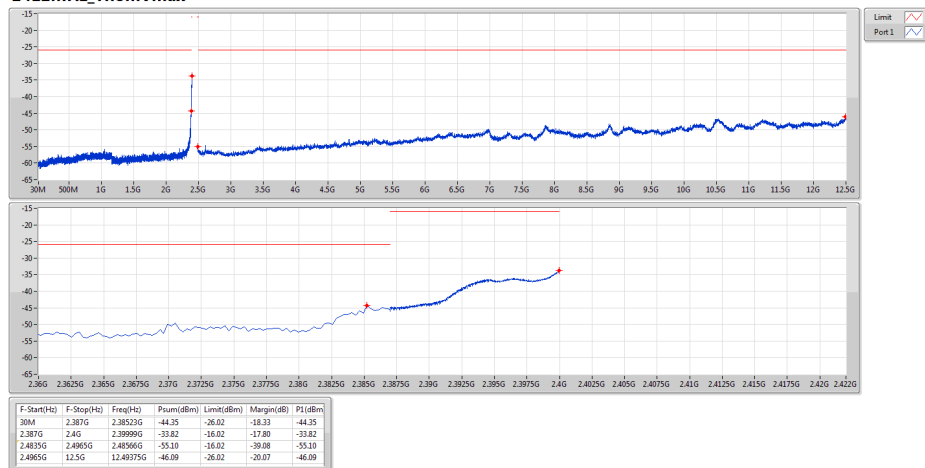
802.11b_Nss1_1TX
2412MHz_TnomVmin

CSE-TX



802.11b_Nss1_1TX
2412MHz_TnomVmax

CSE-TX



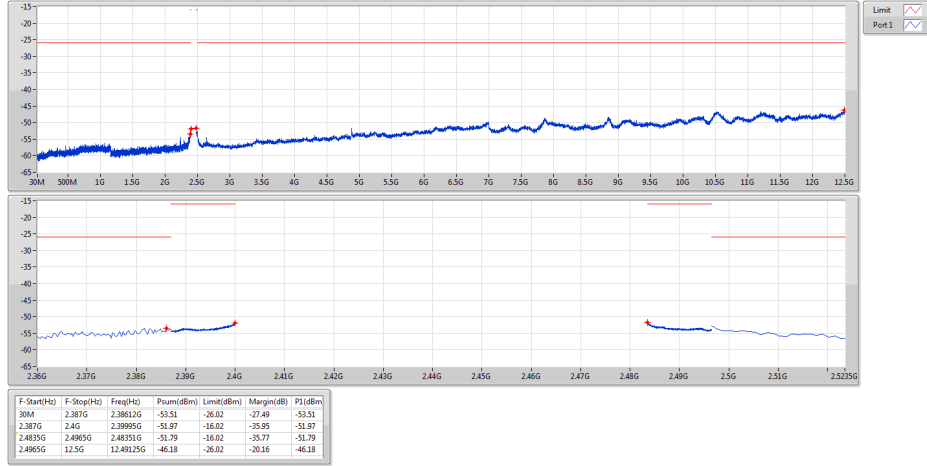


CSE-TX Unwanted Emission Strength Result

Appendix E

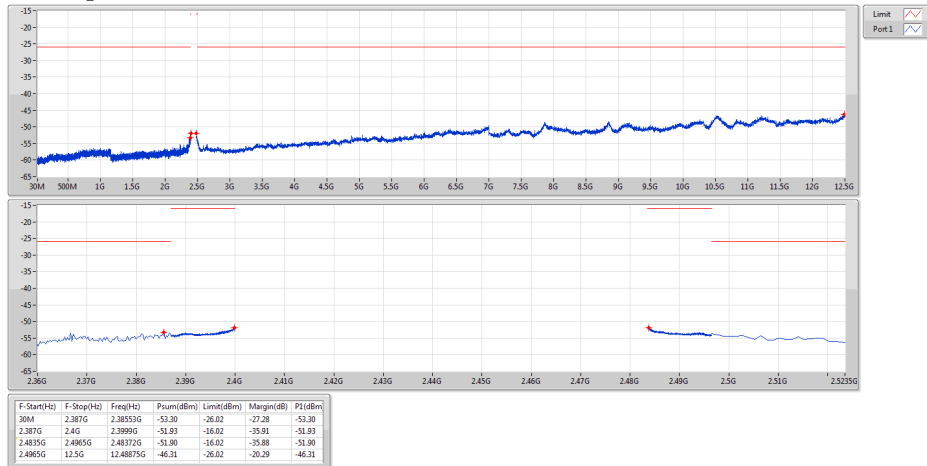
802.11b_Nss1_1TX
2442MHz_TnomVnom

CSE-TX



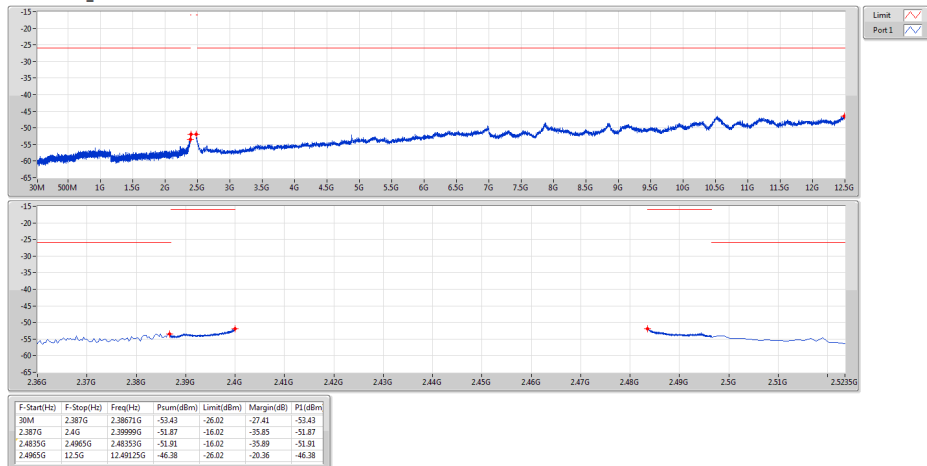
802.11b_Nss1_1TX
2442MHz_TnomVmin

CSE-TX



802.11b_Nss1_1TX
2442MHz_TnomVmax

CSE-TX



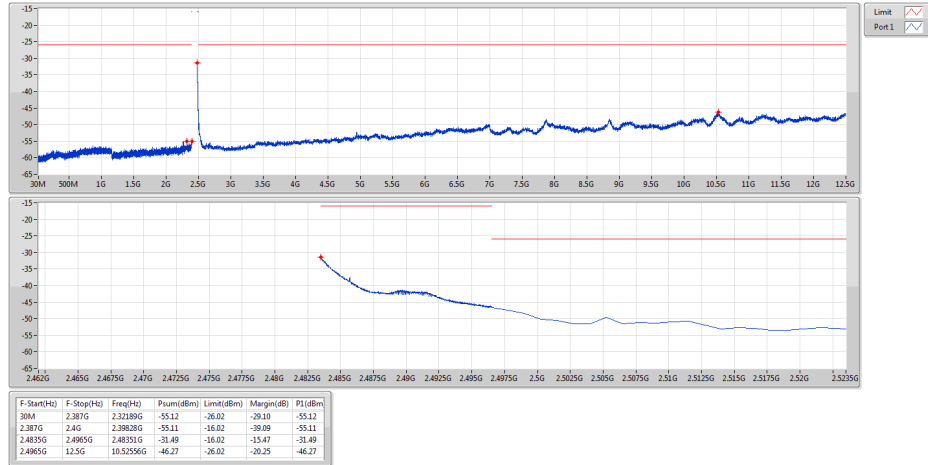


CSE-TX Unwanted Emission Strength Result

Appendix E

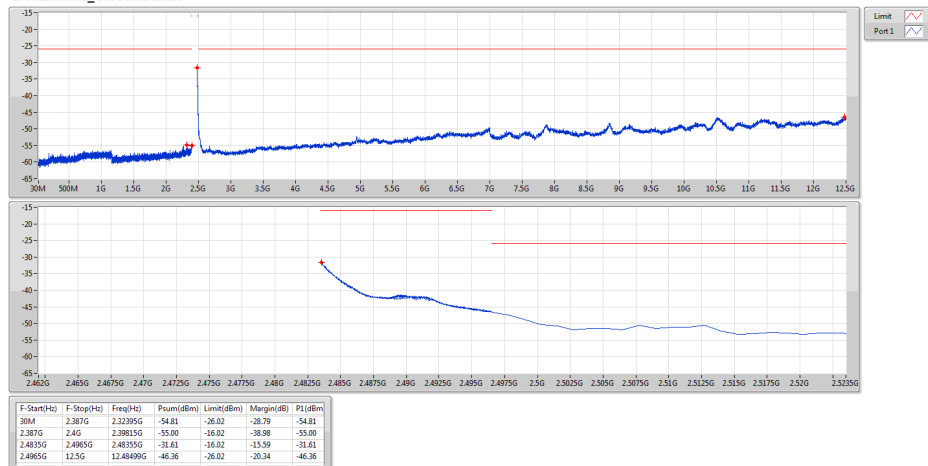
802.11b_Nss1_1TX
2472MHz_TnomVnom

CSE-TX



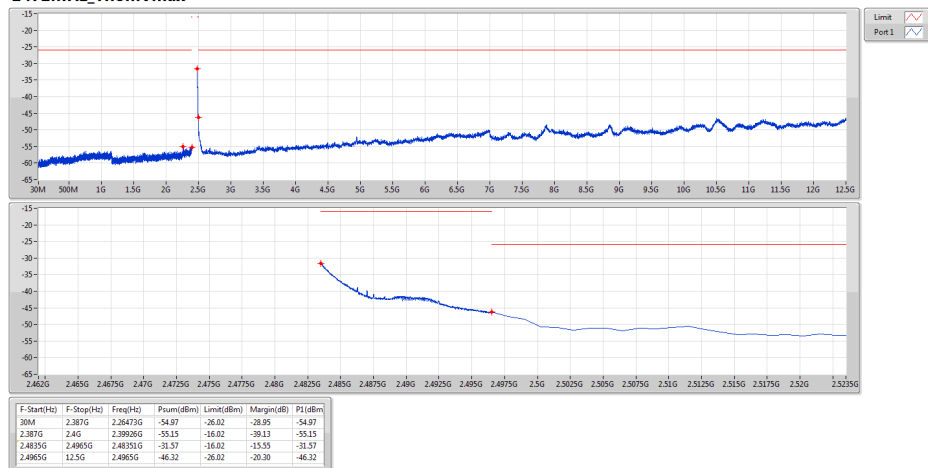
802.11b_Nss1_1TX
2472MHz_TnomVmin

CSE-TX



802.11b_Nss1_1TX
2472MHz_TnomVmax

CSE-TX





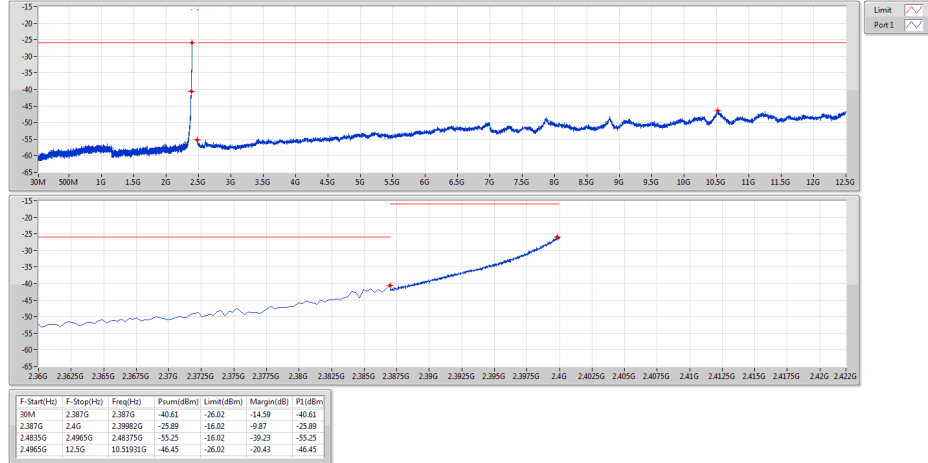
CSE-TX Unwanted Emission Strength Result

Appendix E

802.11g_Nss1_1TX

CSE-TX

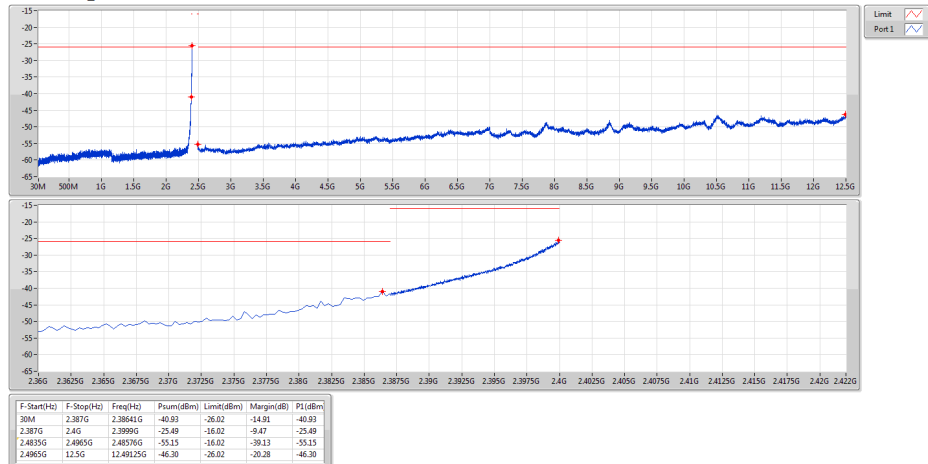
2412MHz_TnomVnom



802.11g_Nss1_1TX

CSE-TX

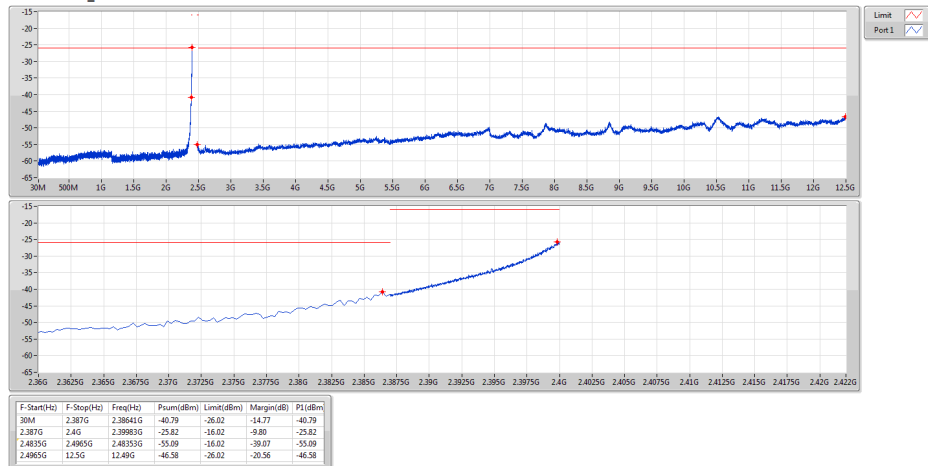
2412MHz_TnomVmin



802.11g_Nss1_1TX

CSE-TX

2412MHz_TnomVmax



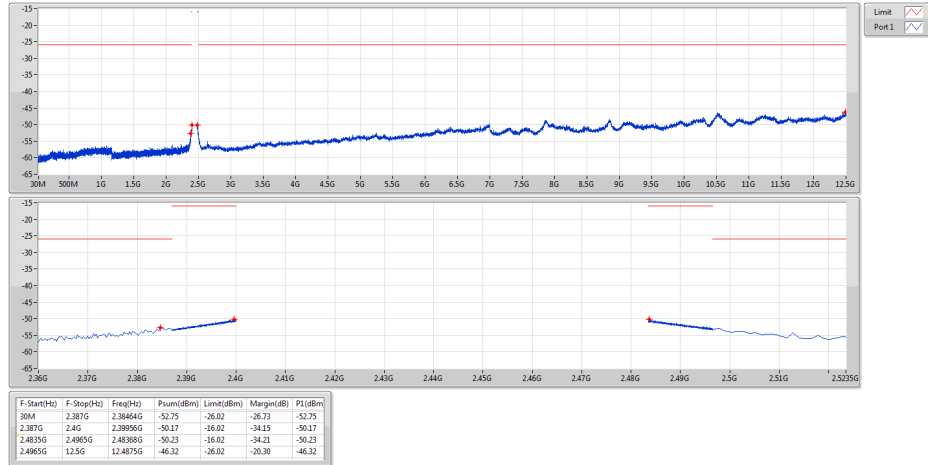


CSE-TX Unwanted Emission Strength Result

Appendix E

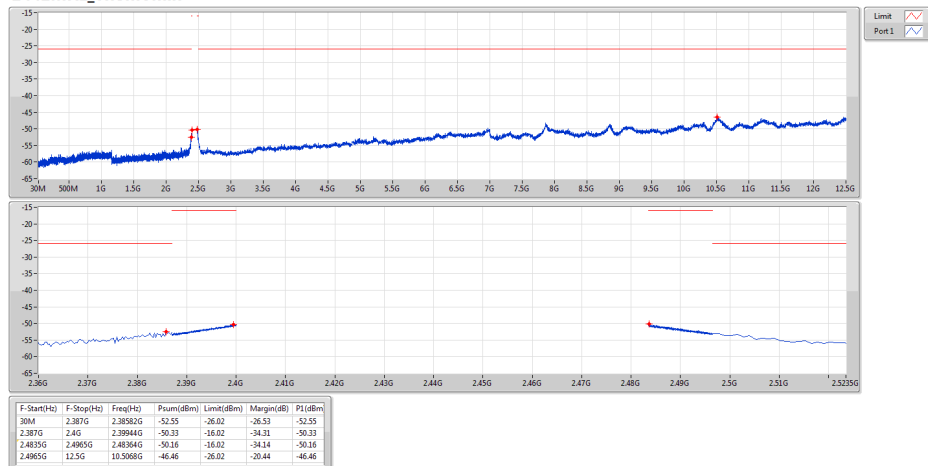
802.11g_Nss1_1TX
2442MHz_TnomVnom

CSE-TX



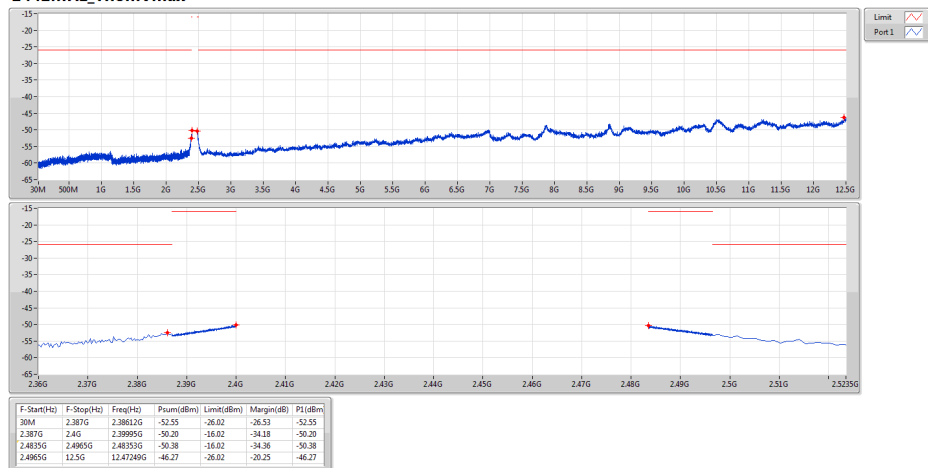
802.11g_Nss1_1TX
2442MHz_TnomVmin

CSE-TX



802.11g_Nss1_1TX
2442MHz_TnomVmax

CSE-TX



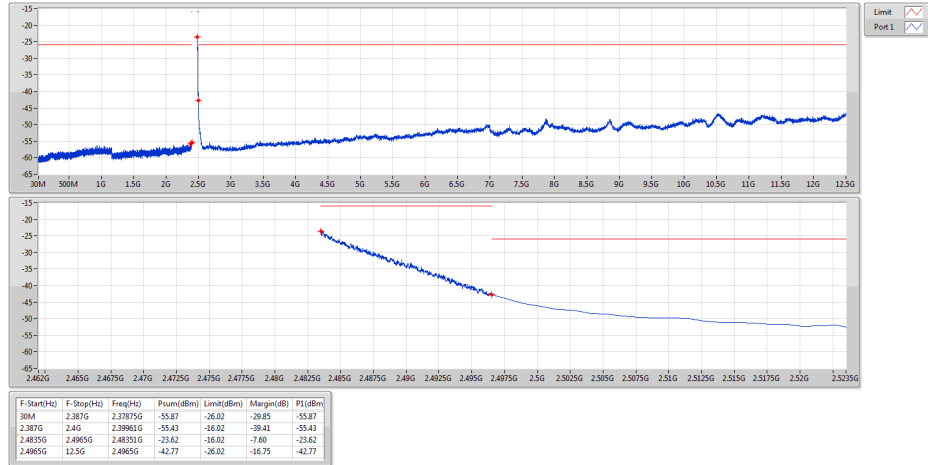


CSE-TX Unwanted Emission Strength Result

Appendix E

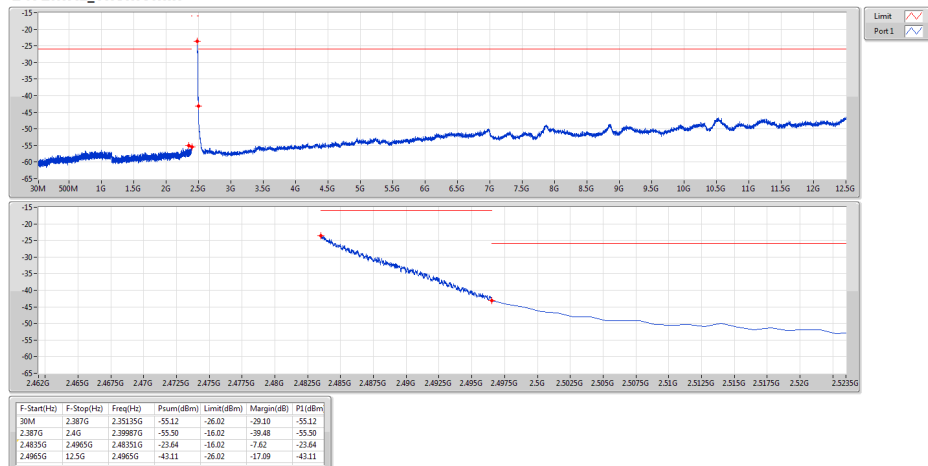
802.11g_Nss1_1TX
2472MHz_TnomVnom

CSE-TX



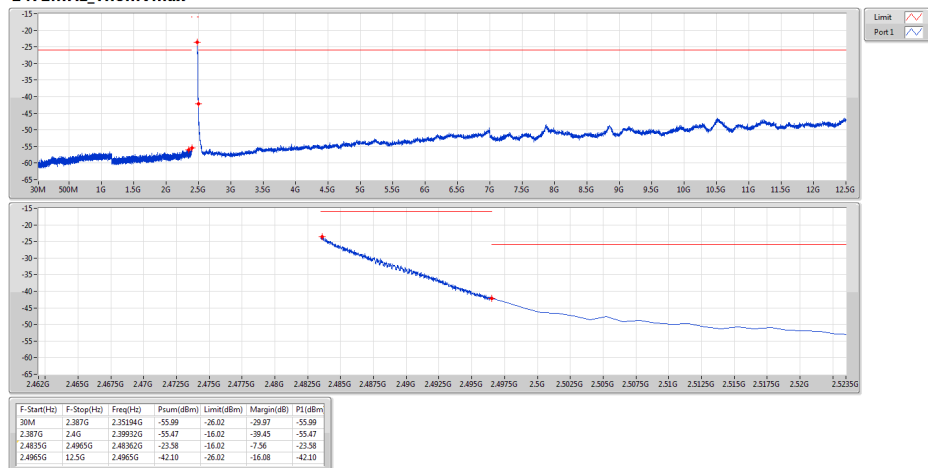
802.11g_Nss1_1TX
2472MHz_TnomVmin

CSE-TX



802.11g_Nss1_1TX
2472MHz_TnomVmax

CSE-TX





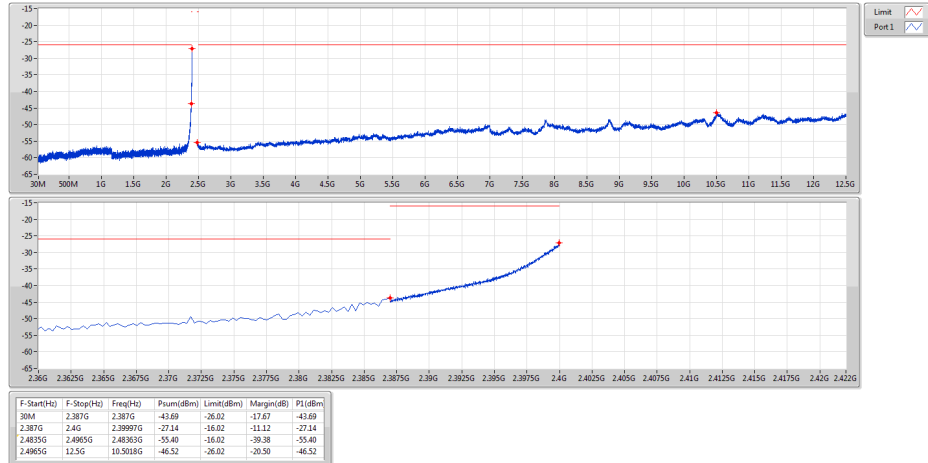
CSE-TX Unwanted Emission Strength Result

Appendix E

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

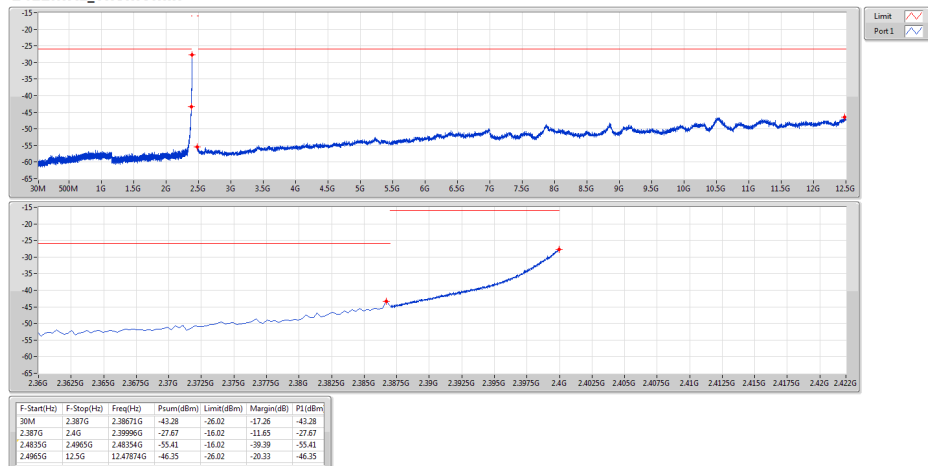
2412MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

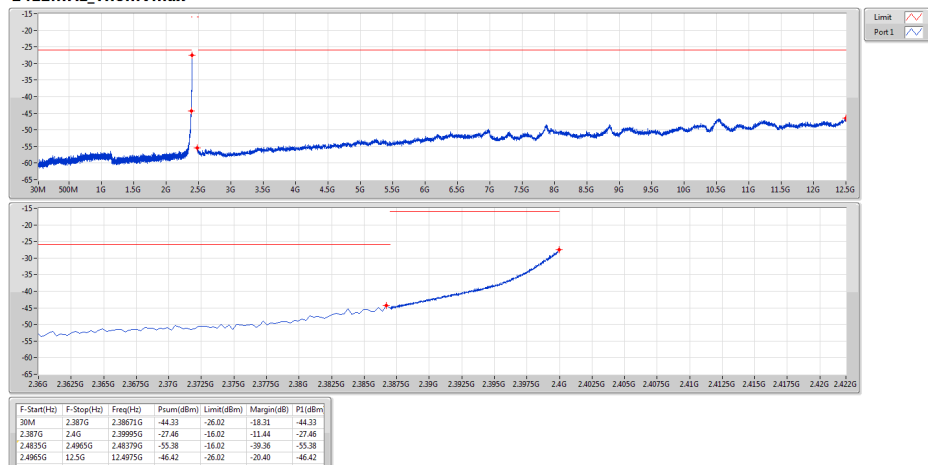
2412MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

2412MHz_TnomVmax





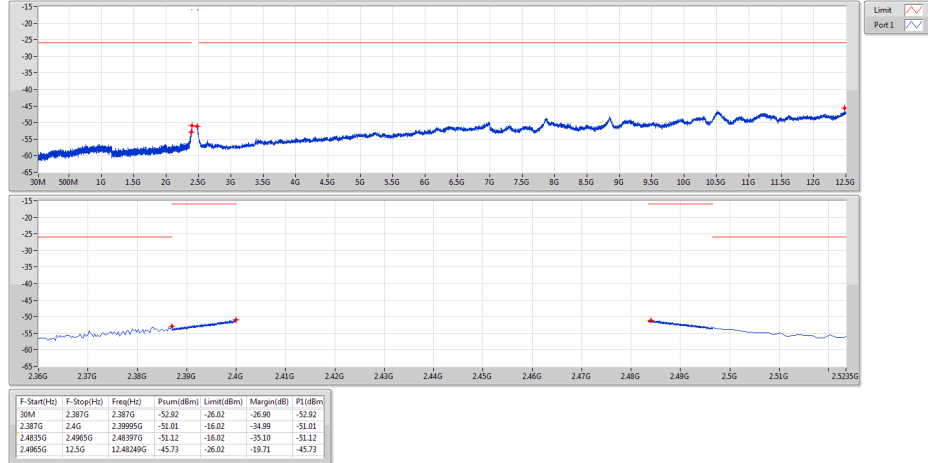
CSE-TX Unwanted Emission Strength Result

Appendix E

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

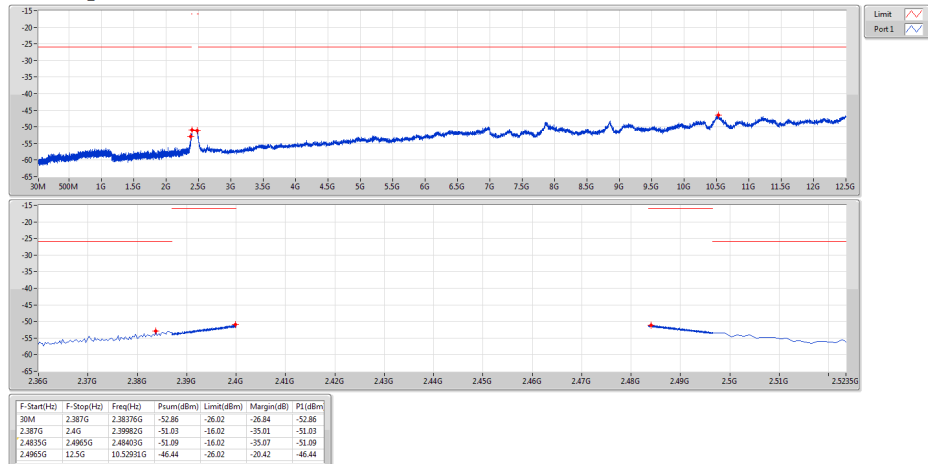
2442MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

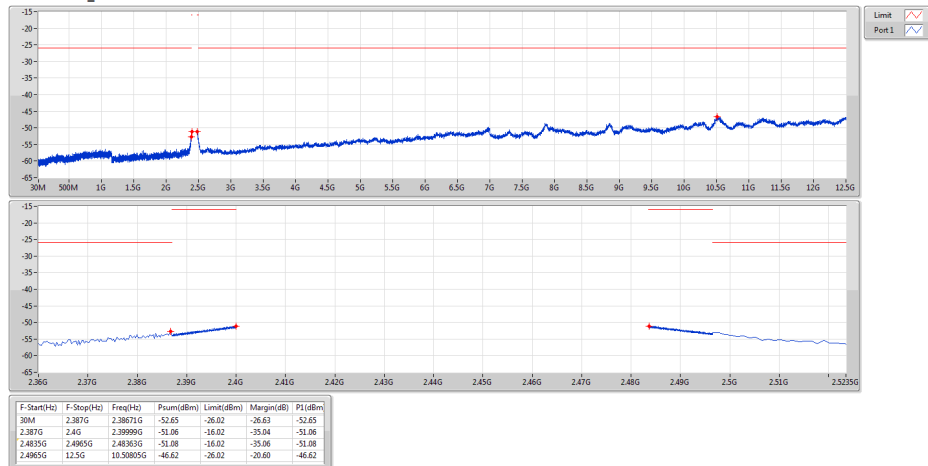
2442MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

2442MHz_TnomVmax





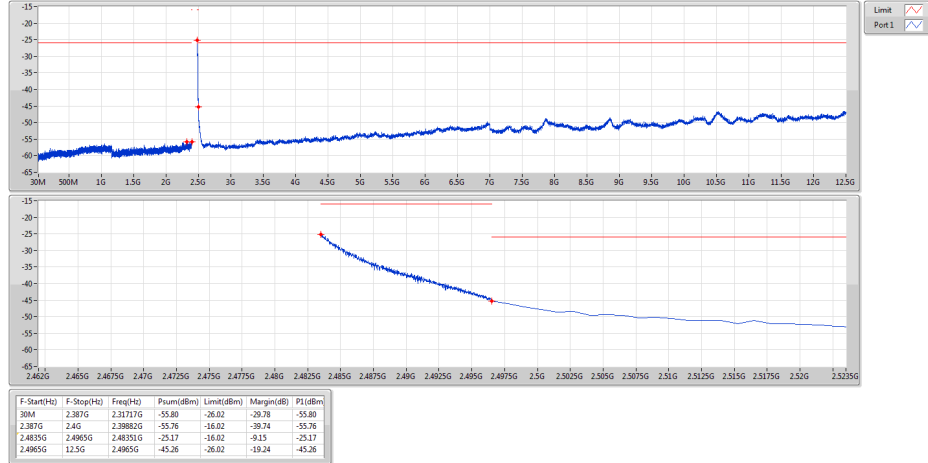
CSE-TX Unwanted Emission Strength Result

Appendix E

802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

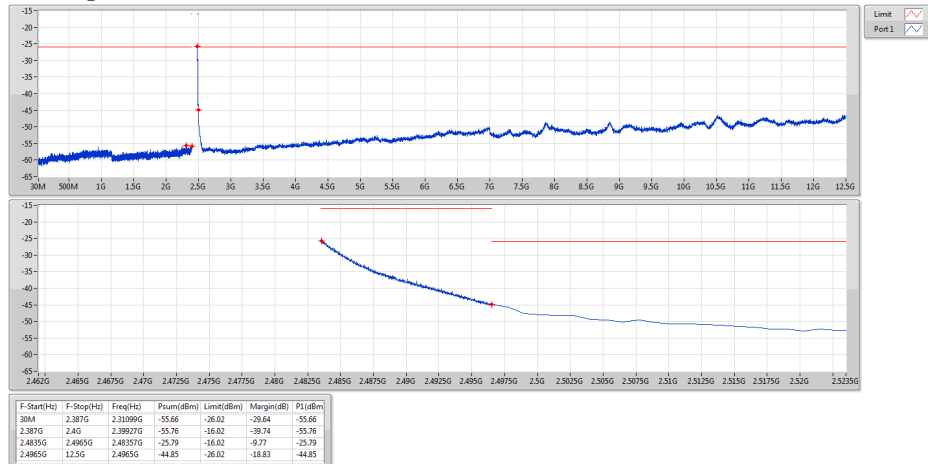
2472MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

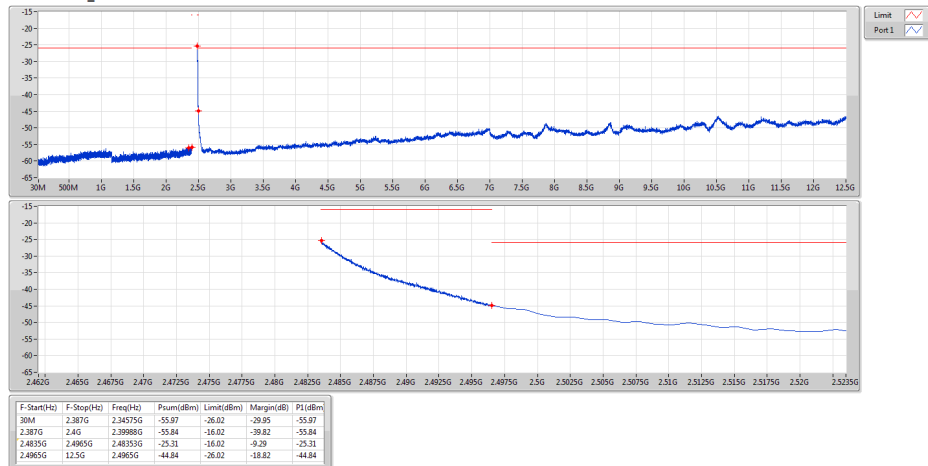
2472MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-TX

2472MHz_TnomVmax





Interference Prevention Function Result

Appendix F

Summary

Mode	Result	ID Length	ID Limit	Function
2.4-2.4835GHz	-	-	-	-
802.11b_Nss1_1TX	Pass	02:19:08:60:00:56	48 bits	Good
802.11g_Nss1_1TX	Pass	02:19:08:60:00:56	48 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	Pass	02:19:08:60:00:56	48 bits	Good



Interference Prevention Function Result

Appendix F

Result

Mode	Result	ID Length	ID Limit	Function
802.11b_Nss1_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2412MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2412MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good
802.11g_Nss1_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2412MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2412MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2412MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2412MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2442MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVnom	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVmin	Pass	02:19:08:60:00:56	48 bits	Good
2472MHz_TnomVmax	Pass	02:19:08:60:00:56	48 bits	Good

**CSE-RX Secondary Radiated Emissions Result**

Appendix G

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)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1_1TX	Pass	1G	12.5G	1M	2.41163G	-72.68	0.05395	20	-25.69	-72.68
802.11g_Nss1_1TX	Pass	1G	12.5G	1M	2.41163G	-72.73	0.05333	20	-25.74	-72.73
802.11n HT20_Nss1,(MCS0)_1TX	Pass	1G	12.5G	1M	2.41163G	-72.80	0.05248	20	-25.81	-72.80

**CSE-RX Secondary Radiated Emissions Result****Appendix G****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)
802.11b_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	1G	100k	952.96M	-93.14	0.00049	4	-39.16	-93.14
2412MHz_TnomVnom	Pass	1G	12.5G	1M	2.41163G	-73.71	0.04256	20	-26.72	-73.71
2412MHz_TnomVmin	Pass	30M	1G	100k	704.15M	-95.25	0.0003	4	-41.27	-95.25
2412MHz_TnomVmin	Pass	1G	12.5G	1M	2.41163G	-72.74	0.05321	20	-25.75	-72.74
2412MHz_TnomVmax	Pass	30M	1G	100k	937.92M	-95.26	0.0003	4	-41.28	-95.26
2412MHz_TnomVmax	Pass	1G	12.5G	1M	2.41163G	-72.68	0.05395	20	-25.69	-72.68
2442MHz_TnomVnom	Pass	30M	1G	100k	746.35M	-90.97	0.0008	4	-36.99	-90.97
2442MHz_TnomVnom	Pass	1G	12.5G	1M	2.44181G	-75.16	0.03048	20	-28.17	-75.16
2442MHz_TnomVmin	Pass	30M	1G	100k	952.96M	-95.71	0.00027	4	-41.73	-95.71
2442MHz_TnomVmin	Pass	1G	12.5G	1M	2.44181G	-75.00	0.03162	20	-28.01	-75.00
2442MHz_TnomVmax	Pass	30M	1G	100k	952.96M	-92.39	0.00058	4	-38.41	-92.39
2442MHz_TnomVmax	Pass	1G	12.5G	1M	2.44181G	-73.52	0.04446	20	-26.53	-73.52
2472MHz_TnomVnom	Pass	30M	1G	100k	769.63M	-95.24	0.0003	4	-41.26	-95.24
2472MHz_TnomVnom	Pass	1G	12.5G	1M	2.472G	-74.52	0.03532	20	-27.53	-74.52
2472MHz_TnomVmin	Pass	30M	1G	100k	958.78M	-95.42	0.00029	4	-41.44	-95.42
2472MHz_TnomVmin	Pass	1G	12.5G	1M	2.472G	-74.58	0.03483	20	-27.59	-74.58
2472MHz_TnomVmax	Pass	30M	1G	100k	952.96M	-94.24	0.00038	4	-40.26	-94.24
2472MHz_TnomVmax	Pass	1G	12.5G	1M	2.472G	-75.56	0.0278	20	-28.57	-75.56
802.11g_Nss1_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	1G	100k	938.89M	-96.00	0.00025	4	-42.02	-96.00
2412MHz_TnomVnom	Pass	1G	12.5G	1M	2.41163G	-72.73	0.05333	20	-25.74	-72.73
2412MHz_TnomVmin	Pass	30M	1G	100k	752.17M	-95.58	0.00028	4	-41.60	-95.58
2412MHz_TnomVmin	Pass	1G	12.5G	1M	2.41163G	-72.96	0.05058	20	-25.97	-72.96
2412MHz_TnomVmax	Pass	30M	1G	100k	704.15M	-95.84	0.00026	4	-41.86	-95.84
2412MHz_TnomVmax	Pass	1G	12.5G	1M	2.41163G	-72.92	0.05105	20	-25.93	-72.92
2442MHz_TnomVnom	Pass	30M	1G	100k	770.11M	-92.75	0.00053	4	-38.77	-92.75
2442MHz_TnomVnom	Pass	1G	12.5G	1M	2.44181G	-75.21	0.03013	20	-28.22	-75.21
2442MHz_TnomVmin	Pass	30M	1G	100k	770.11M	-94.24	0.00038	4	-40.26	-94.24
2442MHz_TnomVmin	Pass	1G	12.5G	1M	2.44181G	-75.31	0.02944	20	-28.32	-75.31
2442MHz_TnomVmax	Pass	30M	1G	100k	958.78M	-93.60	0.00044	4	-39.62	-93.60
2442MHz_TnomVmax	Pass	1G	12.5G	1M	2.44181G	-73.51	0.04457	20	-26.52	-73.51
2472MHz_TnomVnom	Pass	30M	1G	100k	770.11M	-94.86	0.00033	4	-40.88	-94.86
2472MHz_TnomVnom	Pass	1G	12.5G	1M	2.472G	-74.38	0.03648	20	-27.39	-74.38

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

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	Psum (dBm)	Psum (nW/MHz)	Limit (nW/MHz)	Margin (dB)	P1 (dBm)
2472MHz_TnomVmin	Pass	30M	1G	100k	769.63M	-93.82	0.00041	4	-39.84	-93.82
2472MHz_TnomVmin	Pass	1G	12.5G	1M	2.472G	-74.28	0.03733	20	-27.29	-74.28
2472MHz_TnomVmax	Pass	30M	1G	100k	770.11M	-94.88	0.00033	4	-40.90	-94.88
2472MHz_TnomVmax	Pass	1G	12.5G	1M	2.472G	-74.40	0.03631	20	-27.41	-74.40
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	1G	100k	952.96M	-93.25	0.00047	4	-39.27	-93.25
2412MHz_TnomVnom	Pass	1G	12.5G	1M	2.41163G	-73.48	0.04487	20	-26.49	-73.48
2412MHz_TnomVmin	Pass	30M	1G	100k	656.14M	-95.26	0.0003	4	-41.28	-95.26
2412MHz_TnomVmin	Pass	1G	12.5G	1M	2.41163G	-72.90	0.05129	20	-25.91	-72.90
2412MHz_TnomVmax	Pass	30M	1G	100k	752.17M	-95.13	0.00031	4	-41.15	-95.13
2412MHz_TnomVmax	Pass	1G	12.5G	1M	2.41163G	-72.80	0.05248	20	-25.81	-72.80
2442MHz_TnomVnom	Pass	30M	1G	100k	770.11M	-93.80	0.00042	4	-39.82	-93.80
2442MHz_TnomVnom	Pass	1G	12.5G	1M	2.44181G	-75.28	0.02965	20	-28.29	-75.28
2442MHz_TnomVmin	Pass	30M	1G	100k	952.96M	-92.82	0.00052	4	-38.84	-92.82
2442MHz_TnomVmin	Pass	1G	12.5G	1M	2.44181G	-73.47	0.04498	20	-26.48	-73.47
2442MHz_TnomVmax	Pass	30M	1G	100k	729.86M	-94.23	0.00038	4	-40.25	-94.23
2442MHz_TnomVmax	Pass	1G	12.5G	1M	2.44181G	-75.11	0.03083	20	-28.12	-75.11
2472MHz_TnomVnom	Pass	30M	1G	100k	958.78M	-94.05	0.00039	4	-40.07	-94.05
2472MHz_TnomVnom	Pass	1G	12.5G	1M	2.472G	-74.36	0.03664	20	-27.37	-74.36
2472MHz_TnomVmin	Pass	30M	1G	100k	704.15M	-95.69	0.00027	4	-41.71	-95.69
2472MHz_TnomVmin	Pass	1G	12.5G	1M	2.472G	-74.30	0.03715	20	-27.31	-74.30
2472MHz_TnomVmax	Pass	30M	1G	100k	769.63M	-95.02	0.00031	4	-41.04	-95.02
2472MHz_TnomVmax	Pass	1G	12.5G	1M	2.472G	-74.31	0.03707	20	-27.32	-74.31



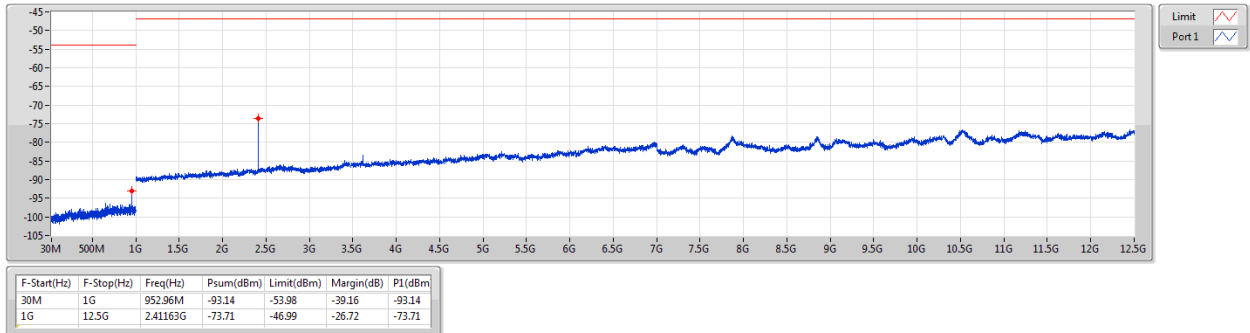
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11b_Nss1_1TX

CSE-RX

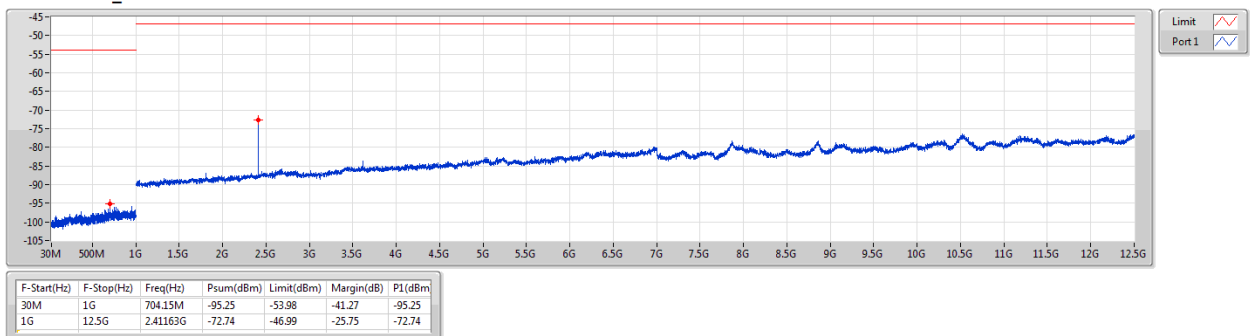
2412MHz_TnomVnom



802.11b_Nss1_1TX

CSE-RX

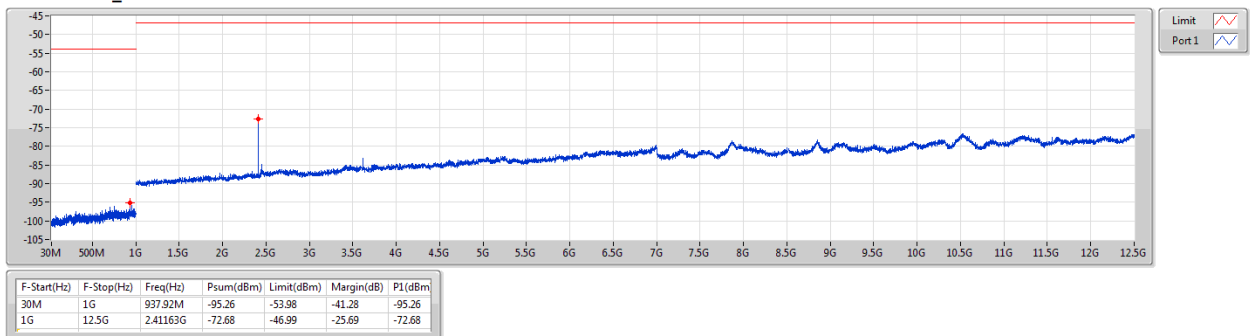
2412MHz_TnomVmin



802.11b_Nss1_1TX

CSE-RX

2412MHz_TnomVmax





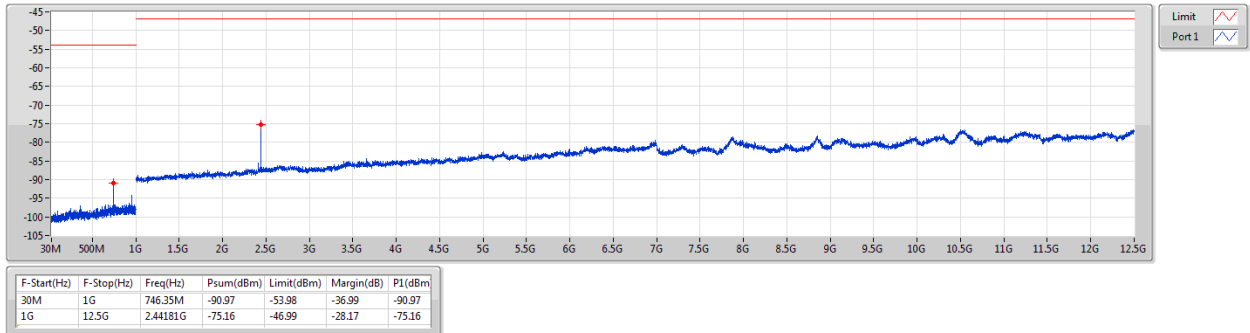
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11b_Nss1_1TX

CSE-RX

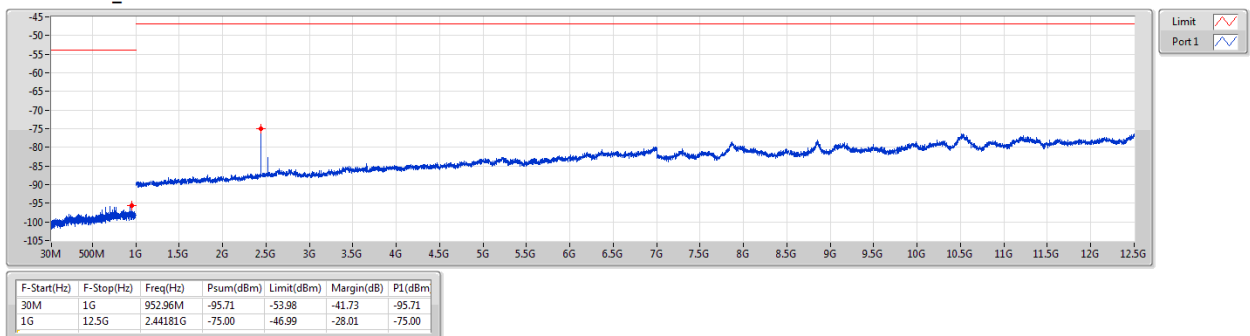
2442MHz_TnomVnom



802.11b_Nss1_1TX

CSE-RX

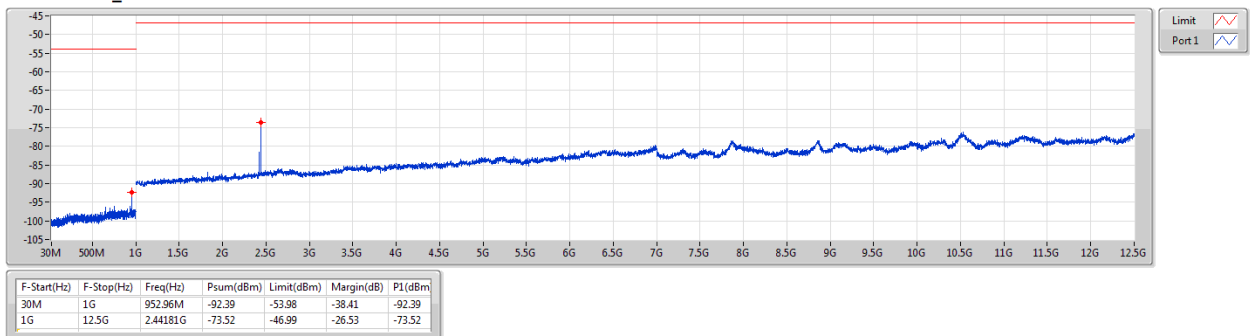
2442MHz_TnomVmin



802.11b_Nss1_1TX

CSE-RX

2442MHz_TnomVmax





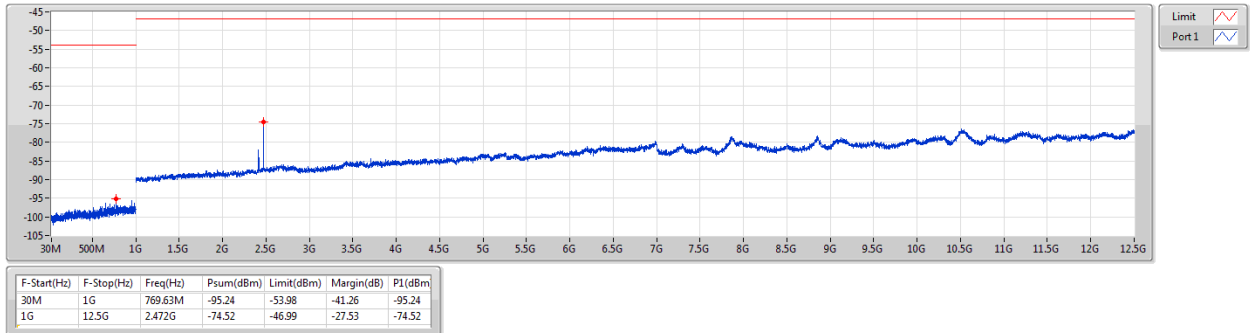
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11b_Nss1_1TX

CSE-RX

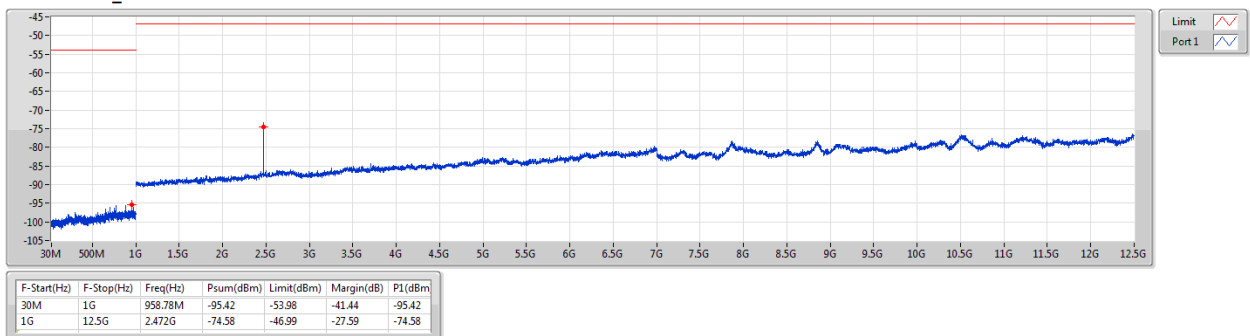
2472MHz_TnomVnom



802.11b_Nss1_1TX

CSE-RX

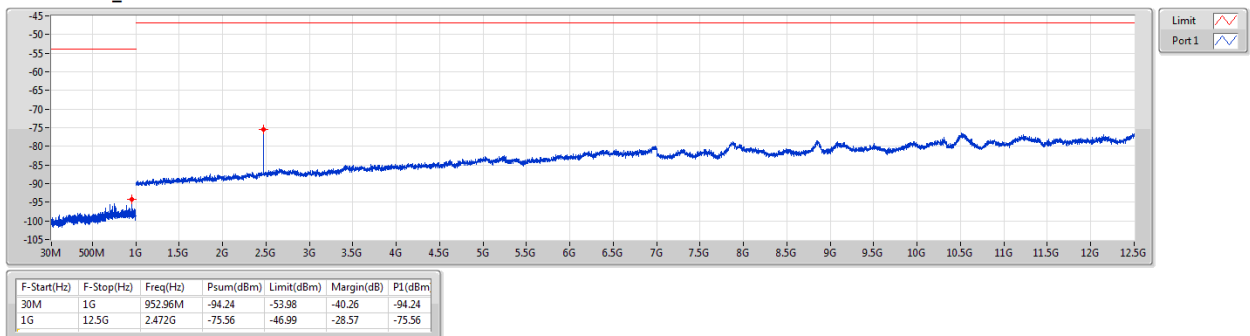
2472MHz_TnomVmin



802.11b_Nss1_1TX

CSE-RX

2472MHz_TnomVmax





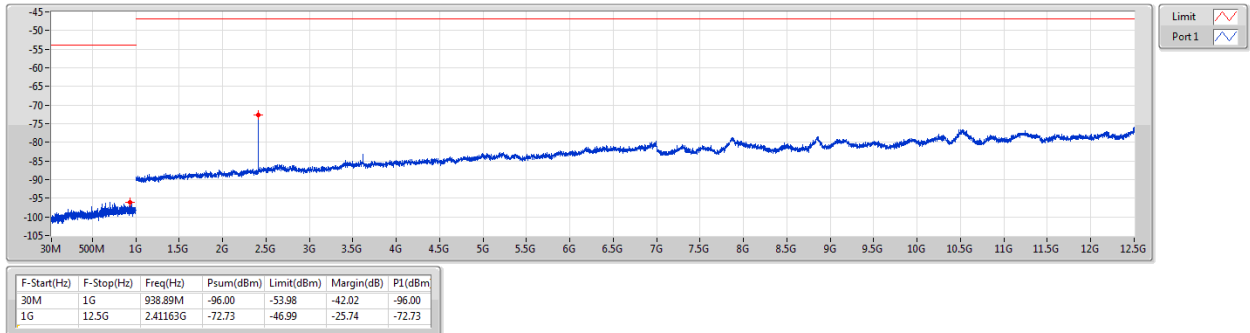
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11g_Nss1_1TX

CSE-RX

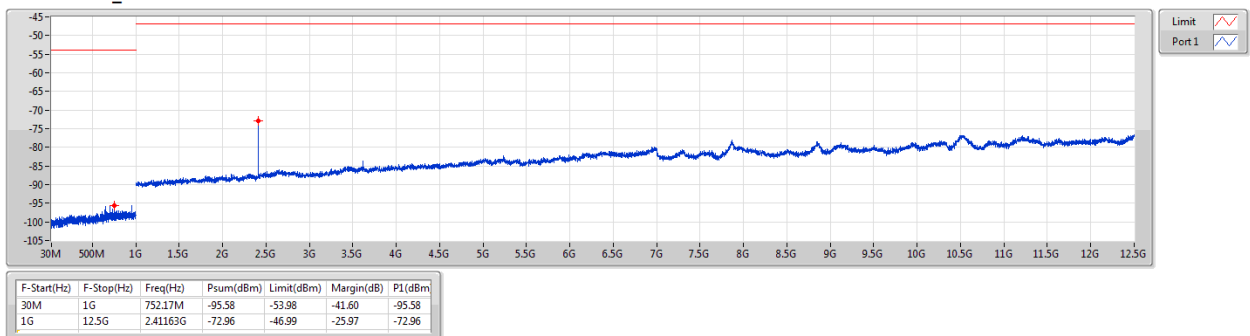
2412MHz_TnomVnom



802.11g_Nss1_1TX

CSE-RX

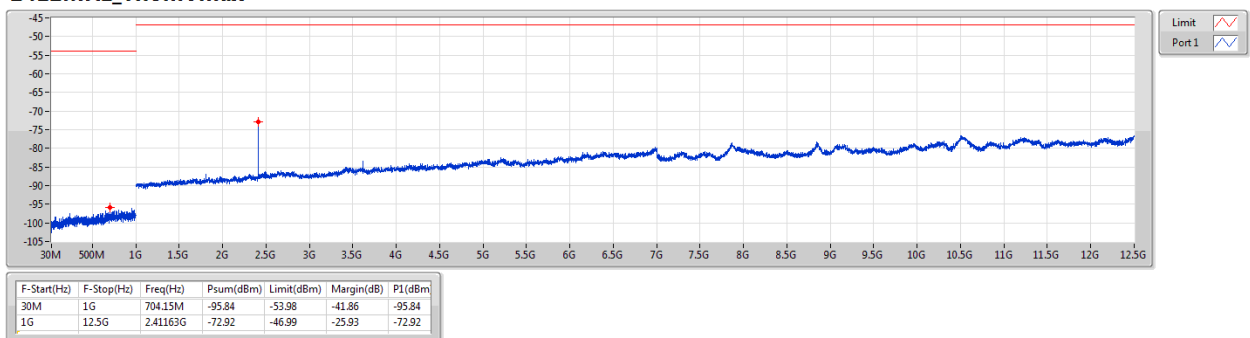
2412MHz_TnomVmin



802.11g_Nss1_1TX

CSE-RX

2412MHz_TnomVmax





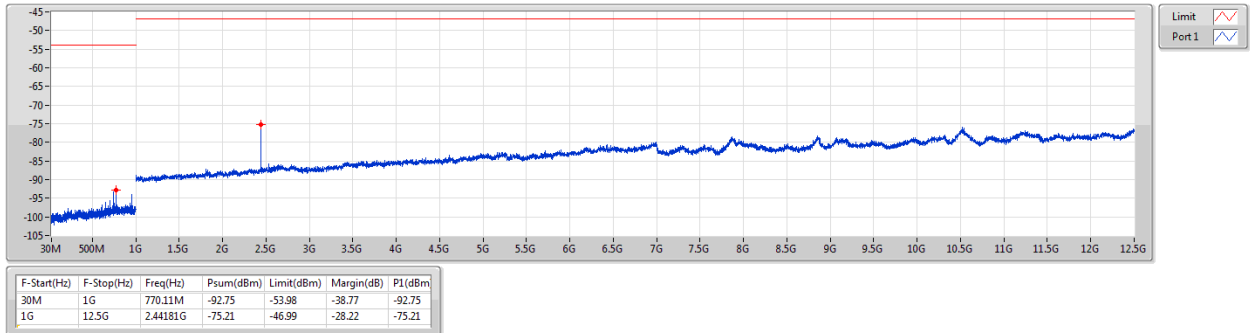
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11g_Nss1_1TX

CSE-RX

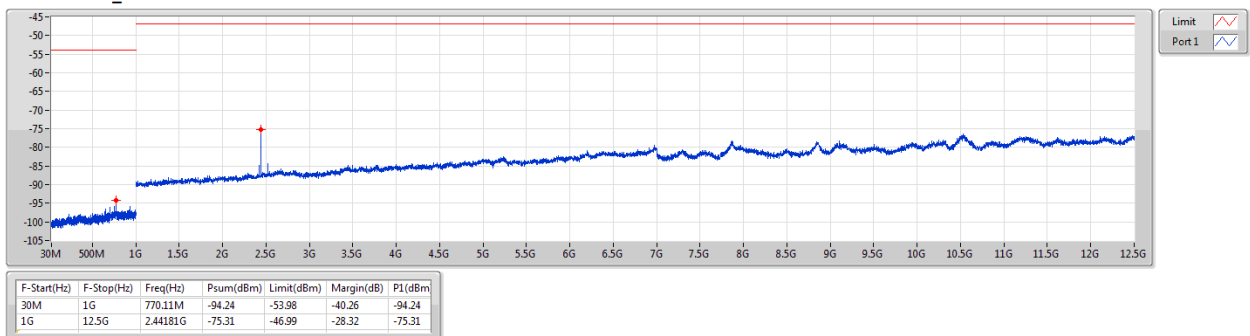
2442MHz_TnomVnom



802.11g_Nss1_1TX

CSE-RX

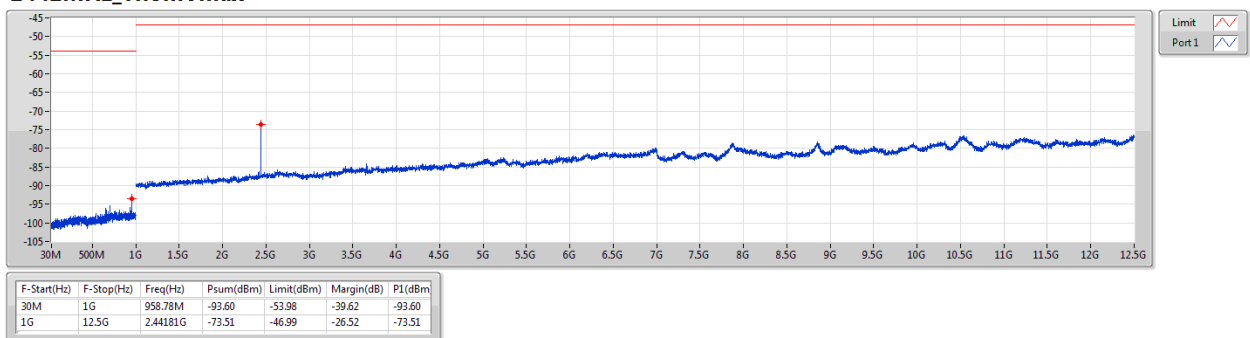
2442MHz_TnomVmin



802.11g_Nss1_1TX

CSE-RX

2442MHz_TnomVmax





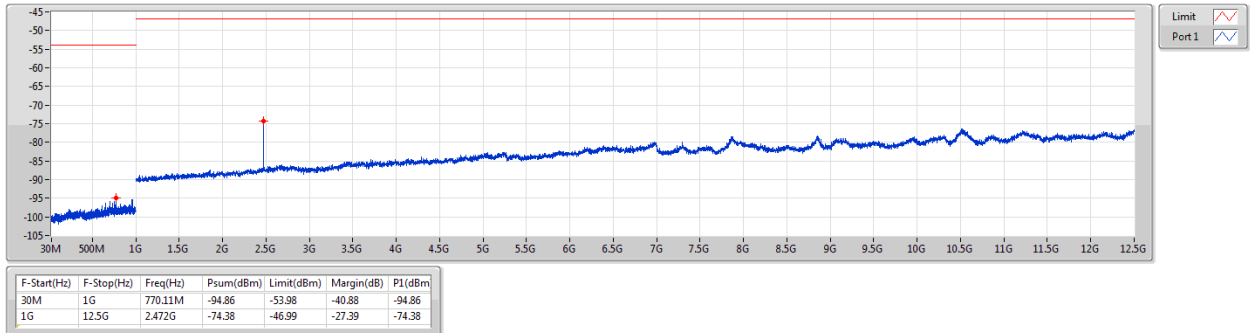
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11g_Nss1_1TX

CSE-RX

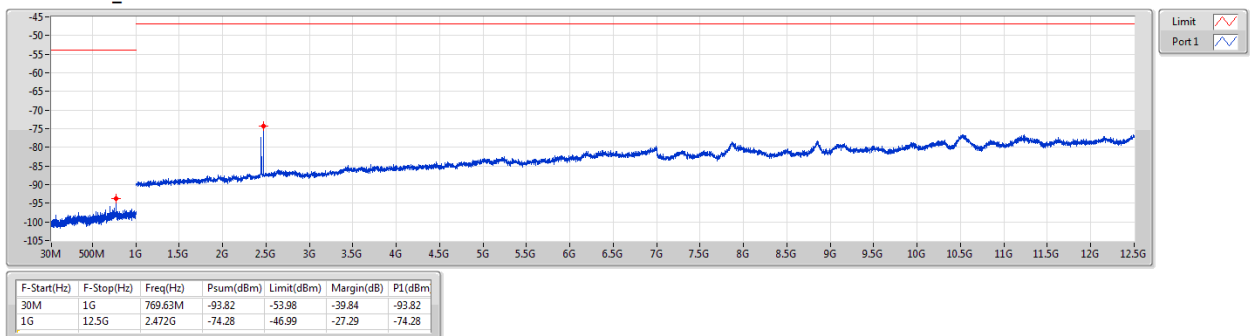
2472MHz_TnomVnom



802.11g_Nss1_1TX

CSE-RX

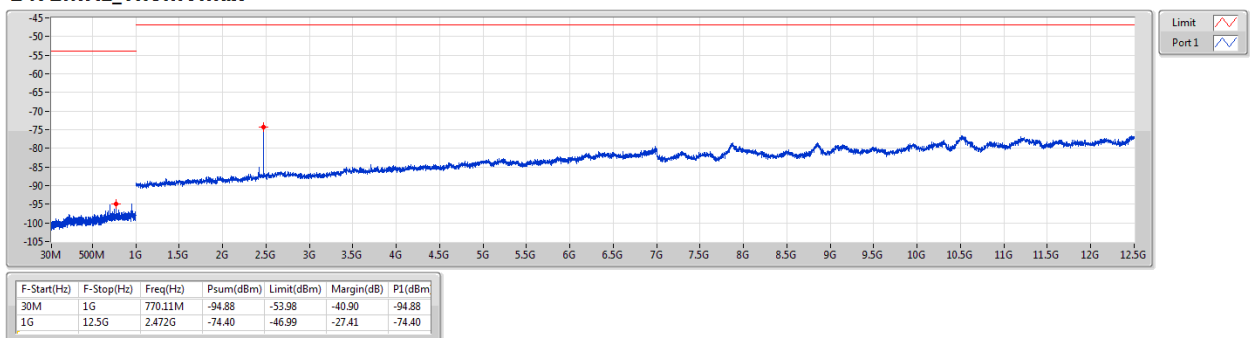
2472MHz_TnomVmin



802.11g_Nss1_1TX

CSE-RX

2472MHz_TnomVmax





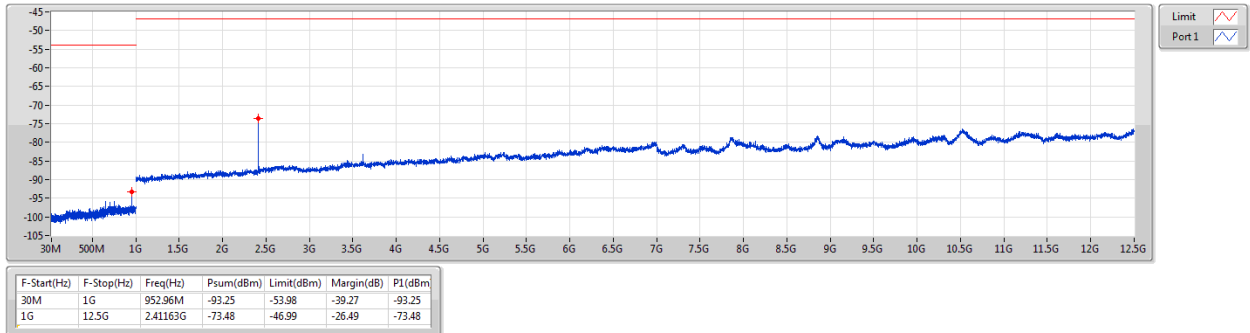
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

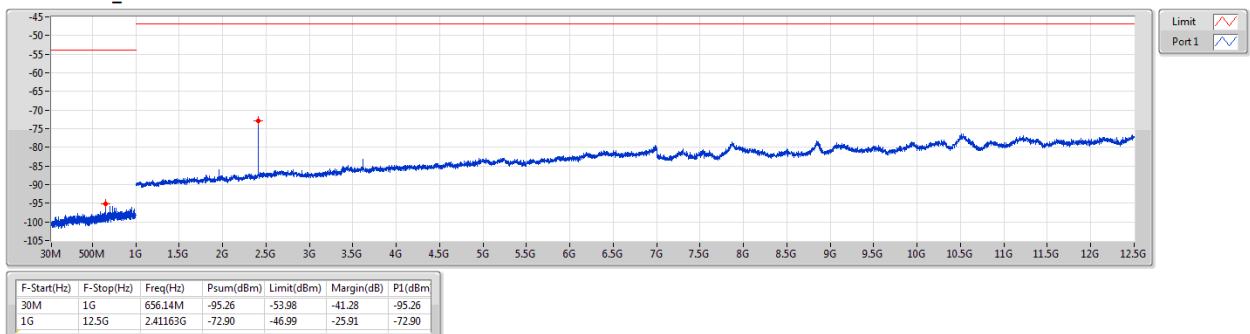
2412MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

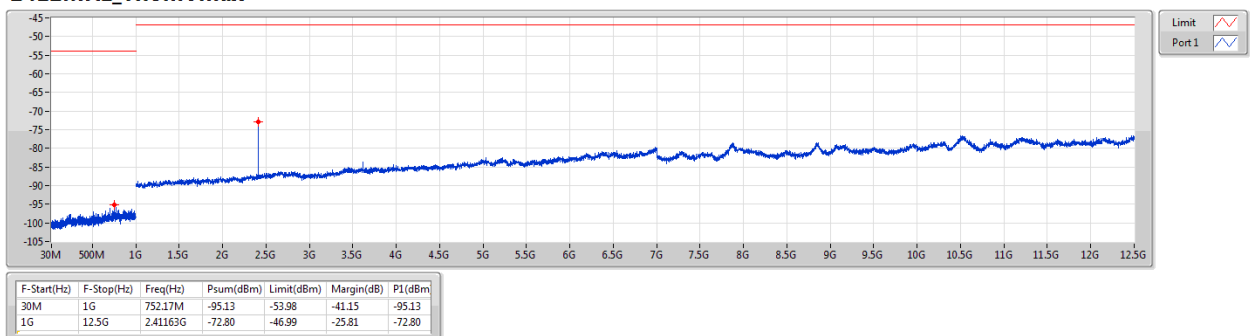
2412MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

2412MHz_TnomVmax





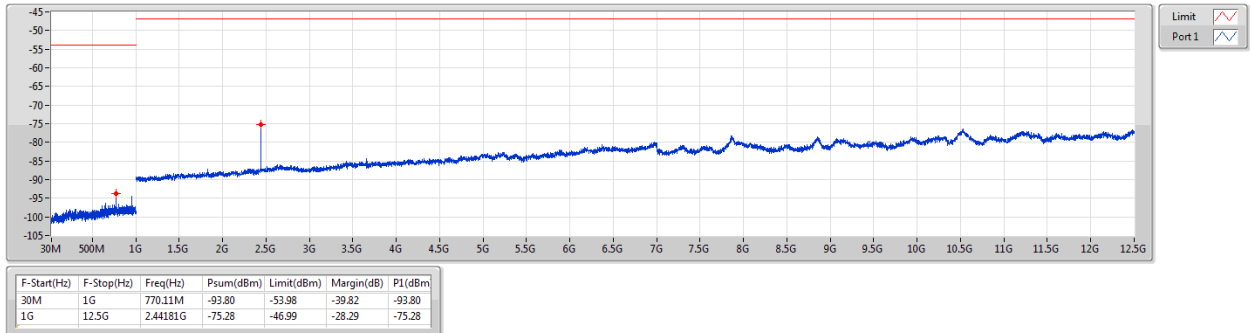
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

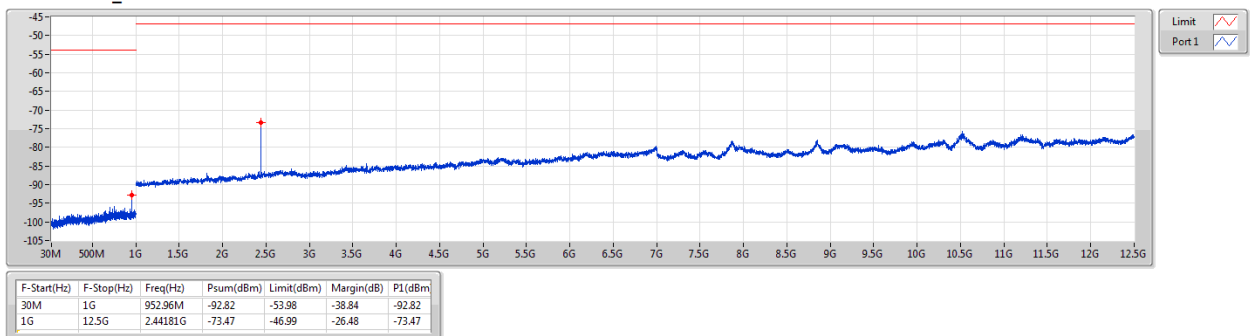
2442MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

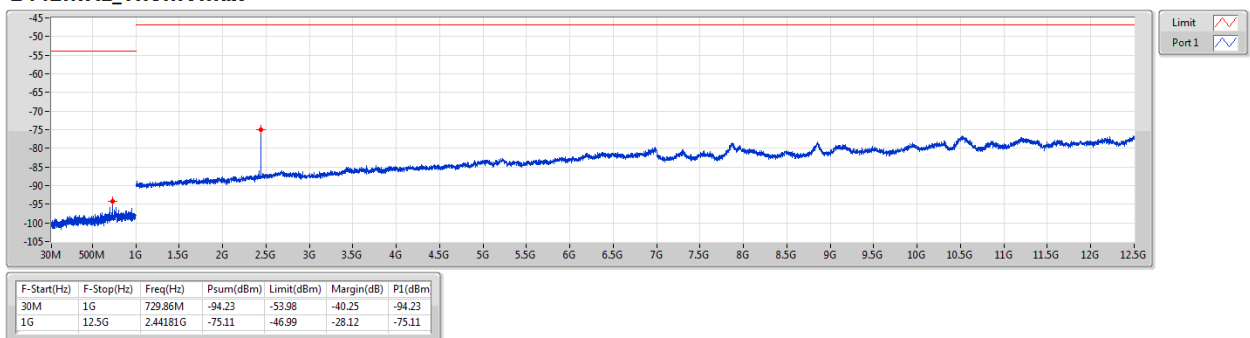
2442MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

2442MHz_TnomVmax





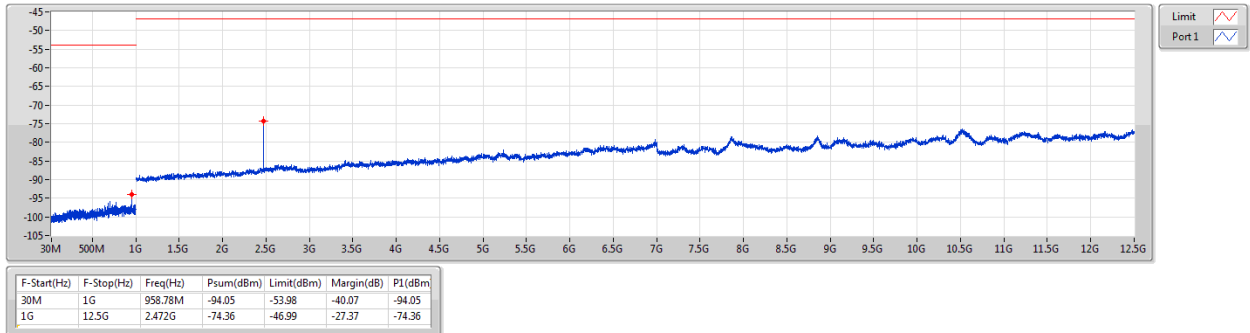
CSE-RX Secondary Radiated Emissions Result

Appendix G

802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

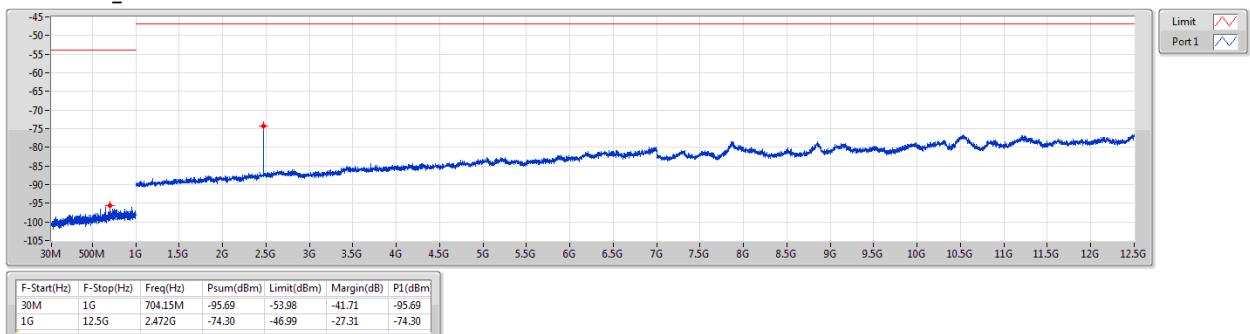
2472MHz_TnomVnom



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

2472MHz_TnomVmin



802.11n HT20_Nss1,(MCS0)_1TX

CSE-RX

2472MHz_TnomVmax

