




JAPAN RADIO TEST REPORT

Equipment : Wireless-AX1800 Dual Band WiFi 6 Router
Brand Name : ASUS
Model Name : RT-AX56U
Applicant : ASUSTeK COMPUTER INC.
No. 15, Li-Te Rd., Peitou District, Taipei 112, Taiwan, R.O.C.
Manufacturer : Compal Networking (KunShan) Co., LTD.
No. 520, Nanbang Rd., Economic & Technical Development
Zone Kunshan, Jiangsu Province China
Standard : MIC Certification Rule, Article 2 Paragraph 1 Item 19

The product was received on Jun. 17, 2019, and testing was started from Oct. 21, 2019 and completed on Oct. 23, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in MIC Notice No.88 Appendix No.43 and shown compliance with the applicable MIC Ordinance Regulating Radio Equipment Article 49.20 and ARIB STD-T66 technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)



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History of this test report

TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-D2_7 Ver1.0

Page Number : 3 of 20
Issued Date : Jan. 02, 2020
Report Version : 01

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.1	RLE:6	Frequency Band	PASS	-
3.1	ORE:5	Frequency Error	PASS	-
3.2	ORE:6	Occupied Bandwidth	PASS	-
3.2	ORE:49.20	Spread Bandwidth / Factor	PASS	-
3.3	ORE:49.20	Antenna Power	PASS	-
3.3	ORE:14	Antenna Power Error	PASS	-
-	ORE:49.20	Antenna Beamwidth, EIRP Limit ^{*1}	N/A	-
-	ORE:49.20	Radiated EIRP ^{*1}	N/A	-
3.4	ORE:7, Table 3	Transmitter Spurious Emissions	PASS	-
3.5	ORE:24	Receiver Spurious Emissions	PASS	-
3.6	TR:9	Identification Code	PASS	-
3.7	TR:9	Carrier Sense ^{*2}	PASS	-
3.8	ORE:49.20	EUT Construction Protection	PASS	-

RLE: Radio Law Enforcement Regulations

ORE: Ordinance Regulating Radio Equipment

TR: Terminal and Other Equipment Regulations

NT: Notification of the Ministry of Internal Affairs and Communications

^{*1}: If EIRP power of EUT is lower than 12.14dBm/MHz (20MHz) and 9.1279dBm/MHz (40MHz), so "Antenna Beamwidth, EIRP Limit" and "Radiated EIRP" could be exempted tests.

^{*2}: If OFDM modulation and Occupied Bandwidth \geq 26MHz, Carrier Sense shall be performed.

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.

Reviewed by: Sam Chen

Report Producer: Cindy Peng

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2472	1-13 [13]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2462	3-11 [9]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX

Note:

- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

Mode	Declared Power (mW/MHz)
802.11b_Nss1_2TX	9.77237
802.11g_Nss1_2TX	9.88553
802.11ax HEW20_Nss1,(MCS0)_2TX	9.88553
802.11ax HEW40_Nss1,(MCS0)_2TX	4.98884
802.11ax HEW20_Nss2,(MCS0)_2TX	9.88553
802.11ax HEW40_Nss2,(MCS0)_2TX	4.98884

1.1.2 Antenna Information

Set	Ant.	Port	Brand	Model Name	Type	Connector	Gain (dBi)	
							2.4GHz	5GHz
1	1	1	Walsin	RFDPA181314IMLB901	Dipole	I-PEX	1.93	1.97
	2	2	Walsin	RFDPA181317IMLB901	Dipole	I-PEX	1.96	1.98
2	1	1	Walsin	RFDPA181314IMLB902	Dipole	I-PEX	1.86	1.91
	2	2	Walsin	RFDPA181317IMLB902	Dipole	I-PEX	1.72	1.94
3	1	1	Whayu	C660-510476-A	Dipole	I-PEX	1.91	1.90
	2	2	Whayu	C660-510477-A	Dipole	I-PEX	1.93	1.96

Note1: The above information was declared by manufacturer.

Note2: The EUT has three sets of antenna, and each set contains two antennas.

Because Set 1, Set 2 and Set 3 are the same type antennas, only the higher gain antenna "Set 1 antenna" was tested.

For 2.4GHz function (2TX/2RX):

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function (2TX/2RX):

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 EUT Information

EUT Power Type	From power adapter	
Operate Mode	<input checked="" type="checkbox"/>	Master (AP Router, Repeater)
	<input type="checkbox"/>	Slave with radar detection
	<input checked="" type="checkbox"/>	Slave without radar detection(Bridge, Mesh)
Test Software Version	MTool_3.1.0.3	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)
802.11b_Nss1_2TX	0.992	0.035
802.11g_Nss1_2TX	0.989	0.048
802.11ax HEW20_Nss1,(MCS0)_2TX	0.988	0.052
802.11ax HEW40_Nss1,(MCS0)_2TX	0.988	0.052
802.11ax HEW20_Nss2,(MCS0)_2TX	0.987	0.057
802.11ax HEW40_Nss2,(MCS0)_2TX	0.986	0.061

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.5 Power Supply Voltage Fluctuation

Fluctuation	AC Input Power(V)	DC Output Power(V)	Variation (%)
Normal Vol	100	19.2	-
High Vol	110	19.2	0.000000
Low Vol	90	19.2	0.000000

Note: Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage)/Output Normal Voltage X 100.

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%. Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

1.1.6 Table for Multiple Listing

There are two EUT, the detail information as following:

EUT	SKU	LAN Transformer		WAN Transformer	
		Brand Name	Model Name	Brand Name	Model Name
1	1	SWAPnet	NS773602	BOTHHAND	GST5009W
2	2	Mingtek	HN36201HF	SWAPnet	NS892402

Note: Only EUT 1 was tested and recorded in this test report.

1.2 Applicable Standards

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

- ◆ MIC Ordinance Regulating Radio Equipment Article 49.20
- ◆ MIC Notice No.88 Appendix No.43

1.3 Testing Location Information

Testing Location		
<input type="checkbox"/>	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL : 886-3-327-3456 FAX : 886-3-327-0973
<input checked="" type="checkbox"/>	JHUBEI	ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Eddie Weng	24.2~24.7°C / 58~61%	Oct. 21, 2019~Oct. 23, 2019

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))

Test Items	Uncertainty	Remark
Conducted Emission	2.4 dB	Confidence levels of 95%
Radio frequency	5.1×10^{-10}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1_2TX	-
2412MHz	52
2442MHz	52
2472MHz	52
802.11g_Nss1_2TX	-
2412MHz	69
2442MHz	68
2472MHz	69
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	70
2442MHz	70
2472MHz	71
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	69
2442MHz	69
2462MHz	69
802.11ax HEW20_Nss2,(MCS0)_2TX	-
2412MHz	70
2442MHz	70
2472MHz	71
802.11ax HEW40_Nss2,(MCS0)_2TX	-
2422MHz	69
2442MHz	69
2462MHz	69

2.2 The Worst Case Measurement Configuration

Tests Item	Frequency Error, Occupied Bandwidth, Spread Bandwidth, Spread Factor, Antenna Power, Antenna Power Error, Transmitter Spurious Emissions, Receiver Spurious Emissions, Identification Code, Carrier Sense
Test Condition	Conducted measurement at transmit chains.

2.3 EUT Operation during Test

During the test, "MTool_3.1.0.3" under WIN 7 was executed the test program to control the EUT continuously transmit/receive RF signal.

2.4 Accessories

Accessories				
No.	Equipment Name	Brand Name	Model Name	Rating
1	Adapter 1	LEI	MU24B1120200-A1	INPUT: 100-240V ~ 50/60Hz, 0.7A OUTPUT: 12V, 2A
2	Adapter 2	APD	WB-24J12FU	INPUT: 100-240V ~ 50-60Hz, 0.7A Max. OUTPUT: 12V, 2A
No.	Other			
3	RJ-45 cable*1: Non-shielded, 1.5m			

Note: The power adapter 1~adapter 2 do not affect the test result of RF tests, so only adapter 2 was tested and recorded in this report.

2.5 Support Equipment

For Other test:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

For Carrier Sense test:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00

3 Test Result

3.1 Frequency Error

3.1.1 Frequency Error Limit

Frequency Error Limit
$\leq \pm 50 \text{ ppm}$

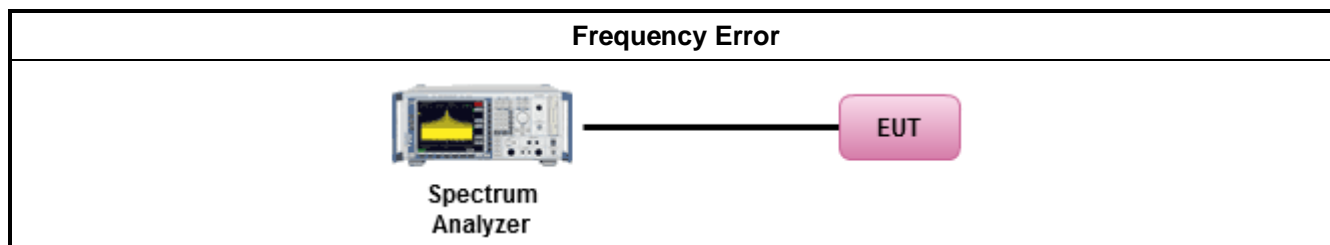
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 3.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 3.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 3.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 3.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 3.6

3.1.4 Test Setup



3.1.5 Test Result of Frequency Error

Refer as Appendix A

3.2 Occupied Bandwidth, Spread Bandwidth and Spread Factor

3.2.1 Occupied Bandwidth, Spread Bandwidth and Spread Factor Limit

Occupied Bandwidth Limit	
FHSS	83.5 MHz
FHSS + DSSS	83.5 MHz
FHSS + OFDM	83.5 MHz
OFDM	38 MHz
Other	26 MHz

Spread Bandwidth and Spread Factor Limit	
Spread Bandwidth	≥500kHz
Spread Factor	≥5

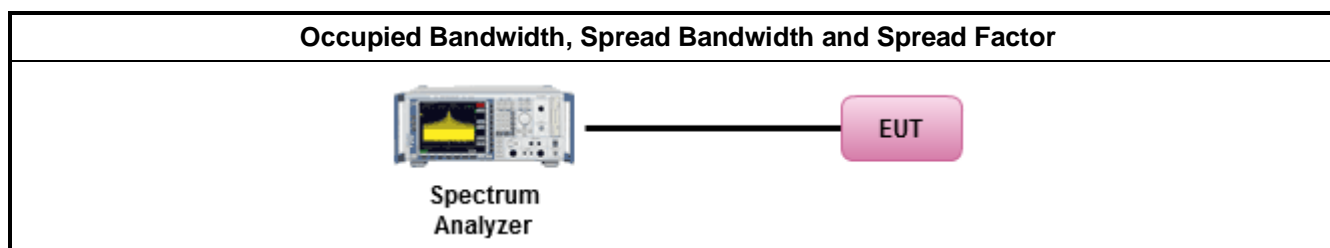
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 4.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 4.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 4.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 4.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 4.6

3.2.4 Test Setup



3.2.5 Test Result of Occupied Bandwidth / Spread Bandwidth / Spread Factor

Refer as Appendix B

3.3 Antenna Power, Antenna Power Error

3.3.1 Antenna Power and Antenna Power Error Limit

Antenna Power Limit (mW/MHz)
$\leq 3\text{mW/MHz}$ (FHSS, FHSS+DSSS, FHSS+OFDM from 2427~2470.75 MHz) $\leq 10\text{mW/MHz}$ (DSSS from 2400~2483.5MHz) $\leq 10\text{mW/MHz}$ (OFDM from 2400~2483.5MHz) – [OBW \leq 26MHz] $\leq 5\text{mW/MHz}$ (OFDM from 2400~2483.5MHz) – [26MHz<OBW \leq 38MHz] $\leq 10\text{mW}$ (Other from 2400~2483.5MHz)

Antenna Power Error Limit (%)
+20% ~ -80%

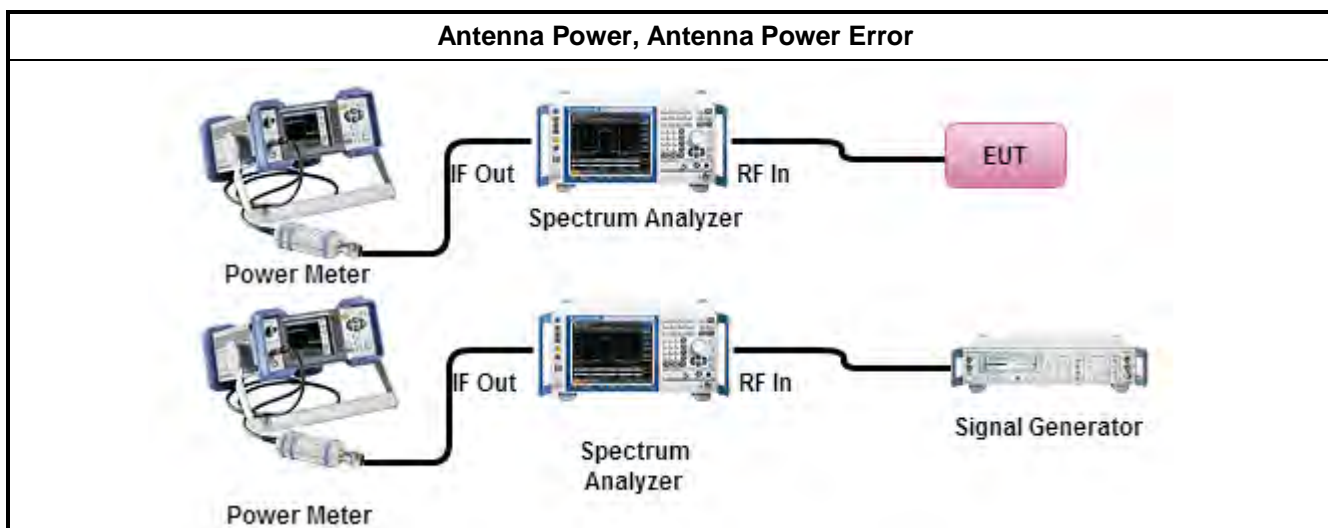
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 6.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 6.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 6.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 6.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 6.6

3.3.4 Test Setup



3.3.5 Test Result of Antenna Power and Antenna Power Error

Refer as Appendix C

3.4 Transmitter Spurious Emissions

3.4.1 Transmitter Spurious Emissions Limit

Transmitter Spurious Emissions		Limit	
Range (MHz)		uW/MHz	dBm/MHz
30	2387	2.5	-26
2387	2400	25	-16
2483.5	2496.5	25	-16
2496.5	12500	2.5	-26

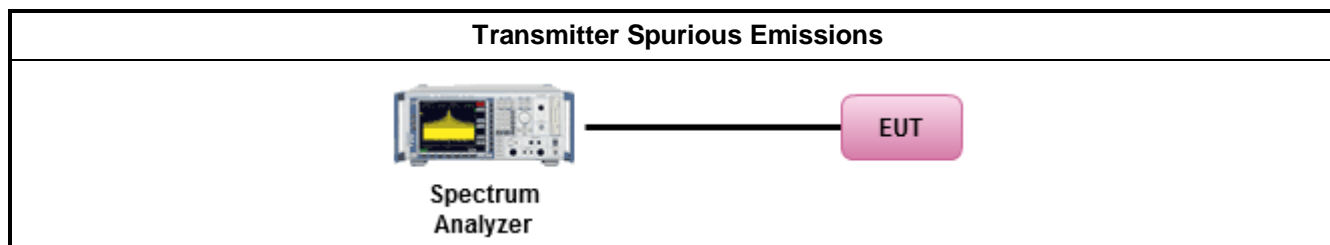
3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.1, clause 1.3
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.1, clause 1.4
Measuring Operation Procedures	MIC Notice No.88 Appendix No.1, clause 1.5
Presentation of Results	MIC Notice No.88 Appendix No.1, clause 1.6

3.4.4 Test Setup



3.4.5 Test Result of Transmitter Spurious Emissions

Refer as Appendix D

3.5 Receiver Spurious Emissions

3.5.1 Receiver Spurious Emissions Limit

RX Spurious Emission		Limit			
Range (MHz)		nW		dBm	
30	1000	4	4	-54	-54
1000	12500	20	20	-47	-47

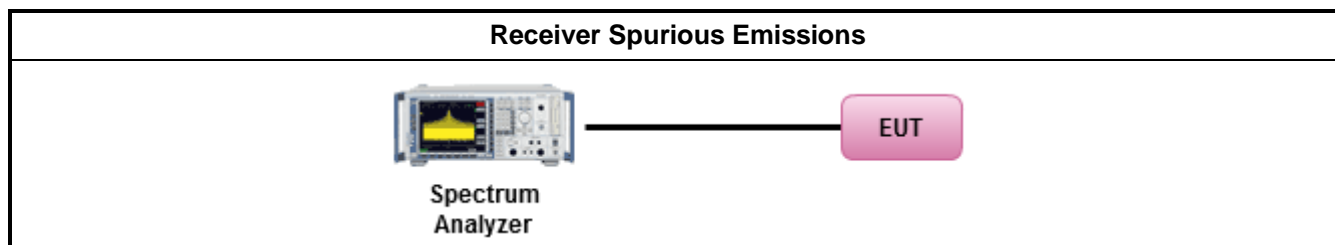
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 7.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 7.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 7.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 7.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 7.6

3.5.4 Test Setup



3.5.5 Test Result of Receiver Spurious Emissions

Refer as Appendix E

3.6 Identification Code

3.6.1 Identification Code Limit

Identification Code Limit
≤ 48 bits

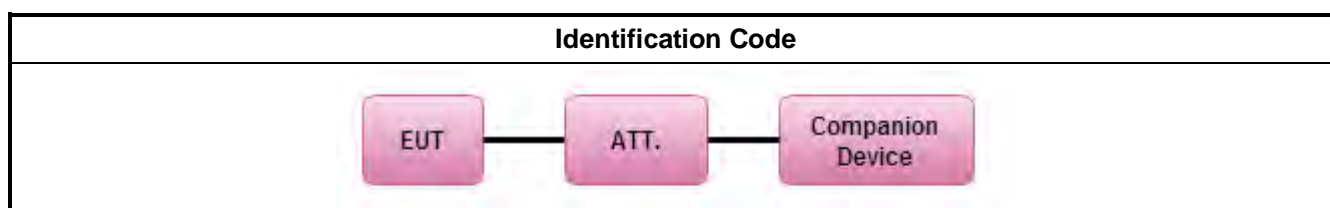
3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 12.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 12.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 12.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 12.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 12.6

3.6.4 Test Setup



3.6.5 Test Result of Identification Code

Refer as Appendix F

3.7 Carrier Sense

3.7.1 Carrier Sense Limit

Carrier Sense Limit	
Stop transmission for interference signal level above 100mV/m (or level at $22.79 + Gr - 20 \cdot \log(f)$ [dBm])	

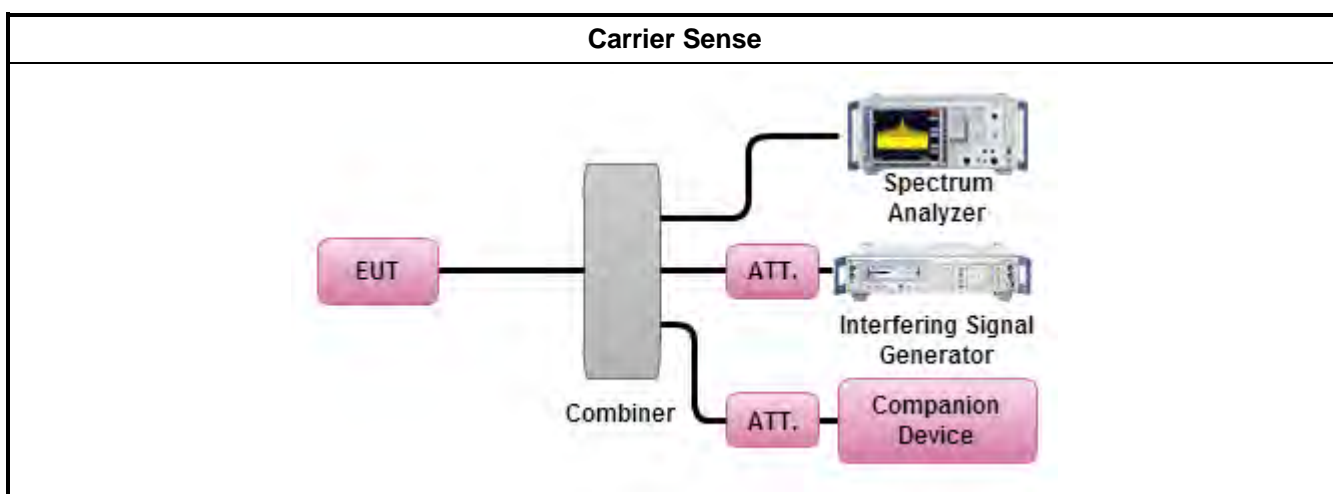
3.7.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

Test Method	
Measuring Equipment Conditions	MIC Notice No.88 Appendix No.43, clause 8.2
Conditions of Equipment under Test	MIC Notice No.88 Appendix No.43, clause 8.3
Measuring Operation Procedures	MIC Notice No.88 Appendix No.43, clause 8.4
Presentation of Results	MIC Notice No.88 Appendix No.43, clause 8.5
Other Conditions	MIC Notice No.88 Appendix No.43, clause 8.6

3.7.4 Test Setup



3.7.5 Test Result of Carrier Sense

Refer as Appendix G



3.8 EUT Construction Protection

3.8.1 EUT Construction Protection Limit

EUT Construction Protection Limit	
The high-frequency section and modulation section of the radio equipment except for the antenna system shall not be capable of being opened easily.	

3.8.2 EUT Construction Protection

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

3.8.3 Reference Documents

Photo 1

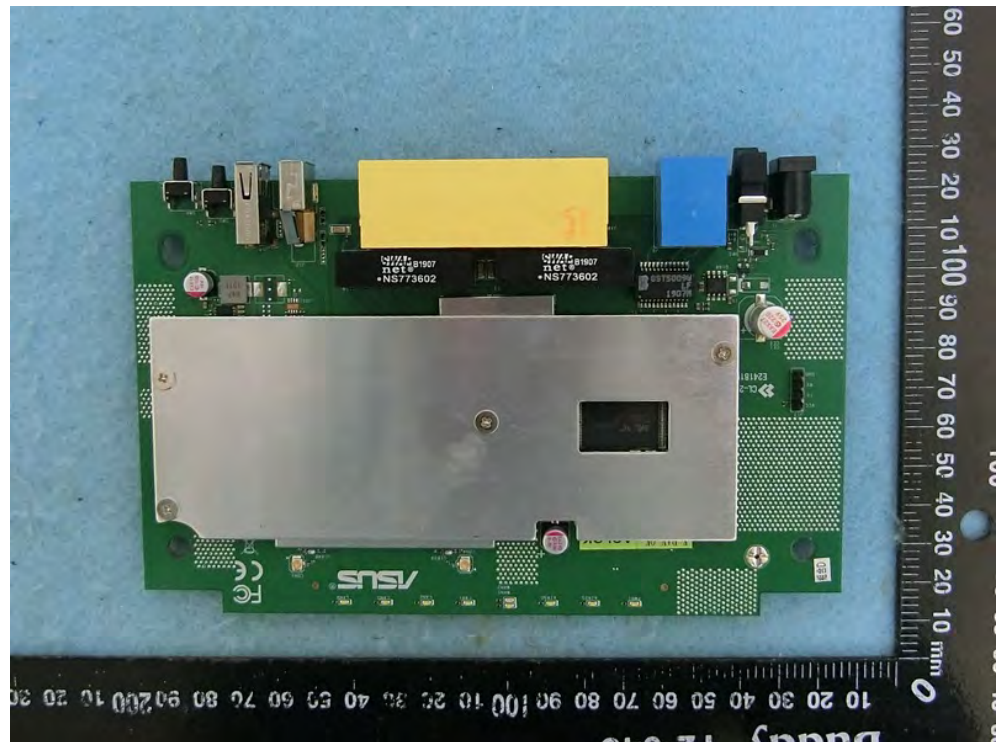
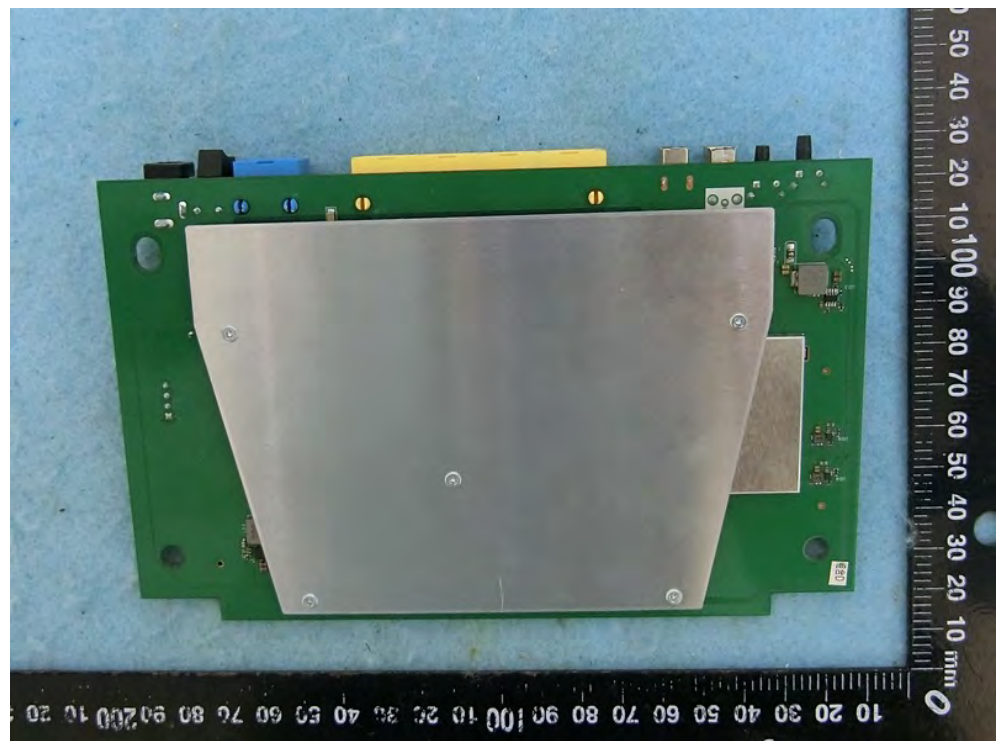


Photo 2





4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Calibration Method	Calibration Agent Name	Remark
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	c)	C	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	c)	B	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz ~ 26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	c)	B	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	c)	A	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	c)	A	Conducted (TH01-CB)
Digital Multimeters	Fluke	15B+	42390498WS	N/A	Oct. 17, 2019	Oct. 16, 2020	c)	A	Conducted (TH01-CB)
Signal generator	R&S	SMB100A	177785	25MHz-6GHz	Aug. 22, 2019	Aug. 21, 2020	c)	A	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DFS-01-DV-02	1GHz ~ 6GHz	Oct. 07, 2019	Oct. 06, 2020	c)	B	Conducted (TH01-CB)
RF Power Divider	MTJ	2 Way	DFS-01-DV-03	1GHz ~ 6GHz	Oct. 07, 2019	Oct. 06, 2020	c)	B	Conducted (TH01-CB)
RF Power Divider	MTJ	4 Way	DFS-01-DV-01	1GHz ~ 6GHz	Oct. 07, 2019	Oct. 06, 2020	c)	B	Conducted (TH01-CB)
Programmable AC/DC Source	Chroma	61504	615040000670	-	Dec. 20, 2018	Dec. 19, 2019	c)	A	Conducted (TH01-CB)

Note:

- Calibration Interval of instruments listed above is one year.
- N.C.R. means Non-Calibration required.
- Calibration Agent Name: Describe calibration agent name with its country name, and symbols in "Calibration Agent Name" shows the agent names as follows,
A: Electronics Testing Center, Taiwan.
B: Sporton International Inc., Taiwan.
C: ROHDE&SCHWARZ, Taiwan.
- Calibration Method
 - Calibration conducted by the National Institute of Information and Communications Technology or a designated calibration agency under Article 102-18 paragraph (1)
 - Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
 - Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)
 - Calibration conducted by using other equipment that listed above from a) to c)



Frequency Tolerance Result

Appendix A

Summary

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
2.4-2.4835GHz	-	-	-	-	-	-	-
802.11b_Nss1_2TX	Pass	2.412G	2.41200938G	3.8868	±50	1	-
802.11g_Nss1_2TX	Pass	2.412G	2.41200938G	3.8868	±50	1	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.412G	2.41200938G	3.8868	±50	1	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.422G	2.4220075G	3.0966	±50	1	-
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.412G	2.41201125G	4.6642	±50	1	-
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.422G	2.4220075G	3.0966	±50	1	-



Frequency Tolerance Result

Appendix A

Result

Mode	Result	Ch (Hz)	Center (Hz)	ppm	Limit (ppm)	Port	Remark
802.11b_Nss1_2TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.412G	2.41200938G	3.8868	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.44200188G	0.7678	±50	1	-
2472MHz_TnomVnom	Pass	2.472G	2.47200563G	2.2755	±50	1	-
802.11g_Nss1_2TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.412G	2.41200938G	3.8868	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.44200938G	3.8391	±50	1	-
2472MHz_TnomVnom	Pass	2.472G	2.4720075G	3.034	±50	1	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.412G	2.41200938G	3.8868	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.4420075G	3.0713	±50	1	-
2472MHz_TnomVnom	Pass	2.472G	2.47200563G	2.2755	±50	1	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.422G	2.4220075G	3.0966	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.44200375G	1.5356	±50	1	-
2462MHz_TnomVnom	Pass	2.462G	2.46199625G	-1.5232	±50	1	-
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.412G	2.41201125G	4.6642	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.44201125G	4.6069	±50	1	-
2472MHz_TnomVnom	Pass	2.472G	2.47200563G	2.2755	±50	1	-
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.422G	2.4220075G	3.0966	±50	1	-
2442MHz_TnomVnom	Pass	2.442G	2.4420075G	3.0713	±50	1	-
2462MHz_TnomVnom	Pass	2.462G	2.46199625G	-1.5232	±50	1	-



Occupied Bandwidth Result

Appendix B.1

Summary

Mode	Max-OBW (Hz)	ITU-Code	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-
802.11b_Nss1_2TX	10.46M	10M5G1D	10.4M
802.11g_Nss1_2TX	16.9M	16M9D1D	16.78M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.1M	19M1D1D	19.04M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.88M	37M9D1D	37.8M
802.11ax HEW20_Nss2,(MCS0)_2TX	19.12M	19M1D1D	19.1M
802.11ax HEW40_Nss2,(MCS0)_2TX	38M	38M0D1D	37.92M

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

Result

Mode	Result	Limit (Hz)	P1-OBW (Hz)	P2-OBW (Hz)
802.11b_Nss1_2TX	-	-	-	-
2412MHz_TnomVnom	Pass	26M	10.42M	10.42M
2442MHz_TnomVnom	Pass	26M	10.44M	10.4M
2472MHz_TnomVnom	Pass	26M	10.46M	10.42M
802.11g_Nss1_2TX	-	-	-	-
2412MHz_TnomVnom	Pass	26M	16.88M	16.78M
2442MHz_TnomVnom	Pass	26M	16.86M	16.78M
2472MHz_TnomVnom	Pass	26M	16.9M	16.78M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-
2412MHz_TnomVnom	Pass	26M	19.04M	19.08M
2442MHz_TnomVnom	Pass	26M	19.04M	19.1M
2472MHz_TnomVnom	Pass	26M	19.06M	19.08M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-
2422MHz_TnomVnom	Pass	38M	37.8M	37.88M
2442MHz_TnomVnom	Pass	38M	37.8M	37.88M
2462MHz_TnomVnom	Pass	38M	37.8M	37.84M
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-
2412MHz_TnomVnom	Pass	26M	19.1M	19.12M
2442MHz_TnomVnom	Pass	26M	19.1M	19.1M
2472MHz_TnomVnom	Pass	26M	19.12M	19.1M
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-
2422MHz_TnomVnom	Pass	38M	37.92M	38M
2442MHz_TnomVnom	Pass	38M	37.96M	38M
2462MHz_TnomVnom	Pass	38M	37.96M	37.96M

P1-OBW = Port 1 99% occupied bandwidth; **P2-OBW** = Port 2 99% occupied bandwidth; **Pn-OBW** = Port n 99% occupied bandwidth

802.11b_Nss1_2TX

OBW

2412MHz_TnomVnom

21/10/2019

CF
2.412GHz

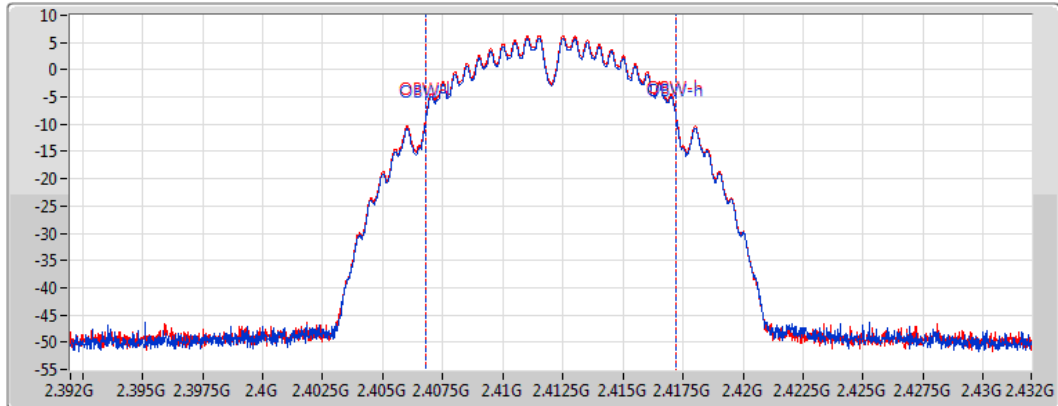
Span
40MHz

RBW
300kHz

VBW
300kHz

Sweep Time
200ms

Detector Type
Peak



OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.42M	2.4068G	2.41722G	26M	1
10.42M	2.4068G	2.41722G	26M	2

802.11b_Nss1_2TX

OBW

2442MHz_TnomVnom

21/10/2019

CF
2.442GHz

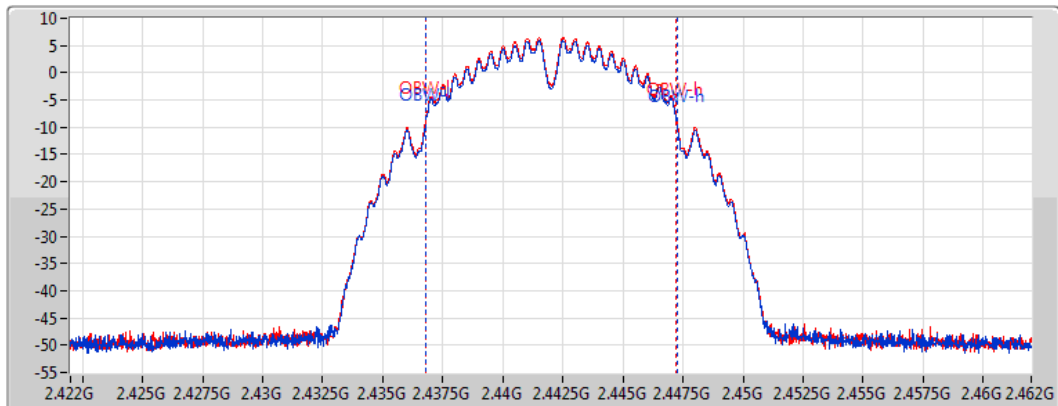
Span
40MHz

RBW
300kHz

VBW
300kHz

Sweep Time
200ms

Detector Type
Peak



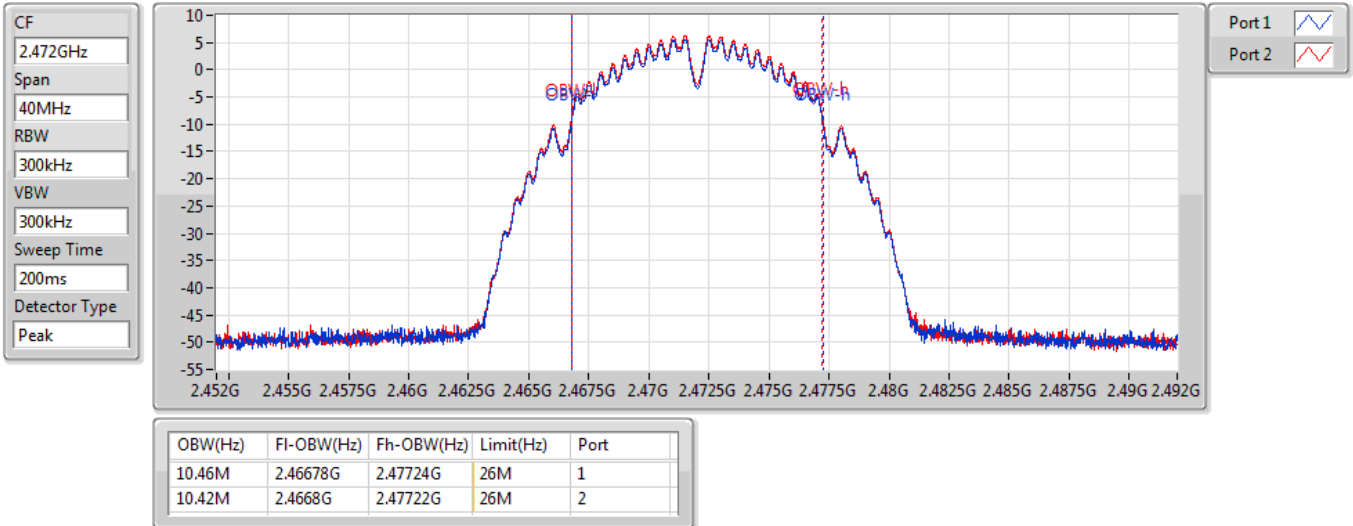
OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.44M	2.4368G	2.44724G	26M	1
10.4M	2.43682G	2.44722G	26M	2

802.11b_Nss1_2TX

OBW

2472MHz_TnomVnom

21/10/2019

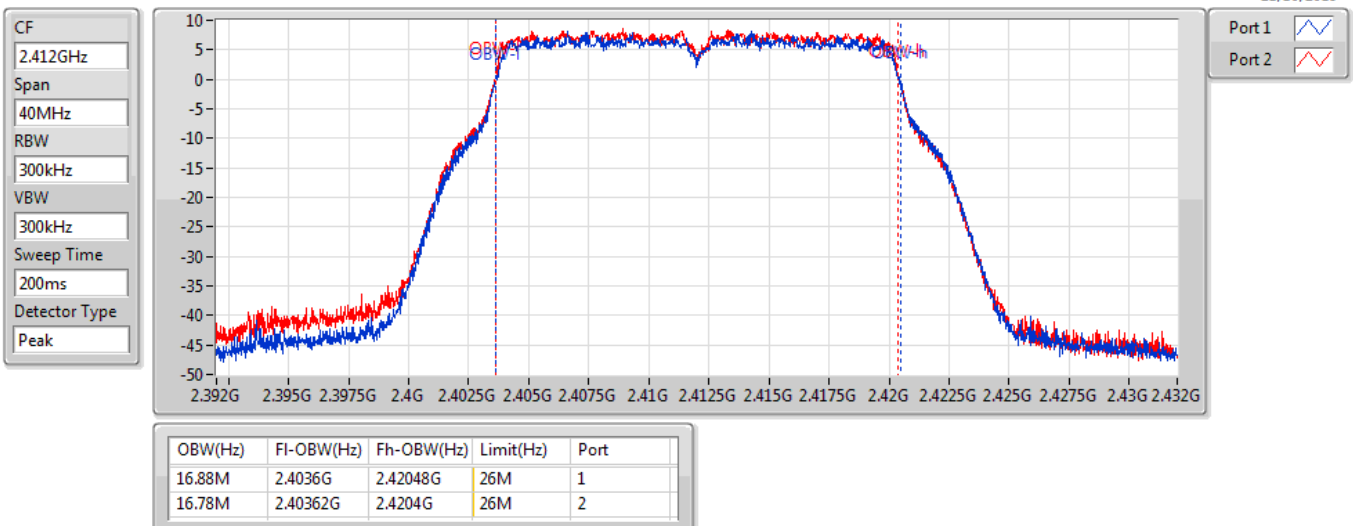


802.11g_Nss1_2TX

OBW

2412MHz_TnomVnom

21/10/2019



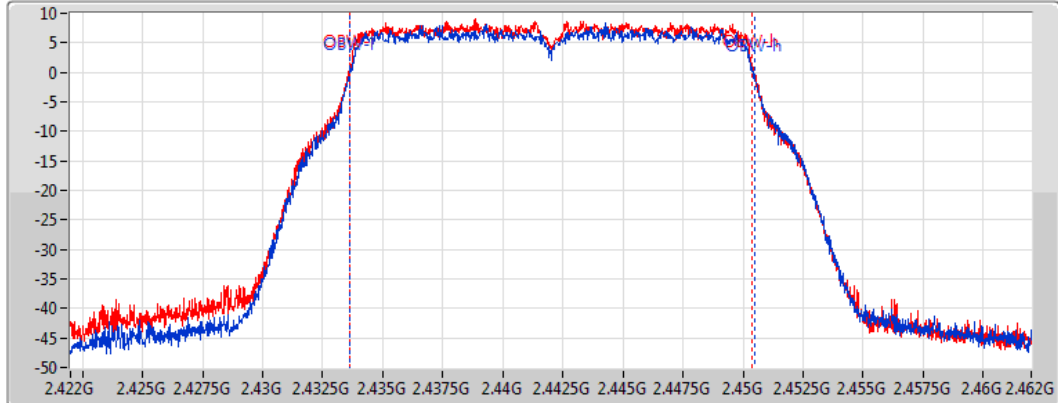
802.11g_Nss1_2TX

2442MHz_TnomVnom

OBW

21/10/2019

CF
2.442GHz
Span
40MHz
RBW
300kHz
VBW
300kHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.86M	2.43362G	2.45048G	26M	1
16.78M	2.43362G	2.4504G	26M	2

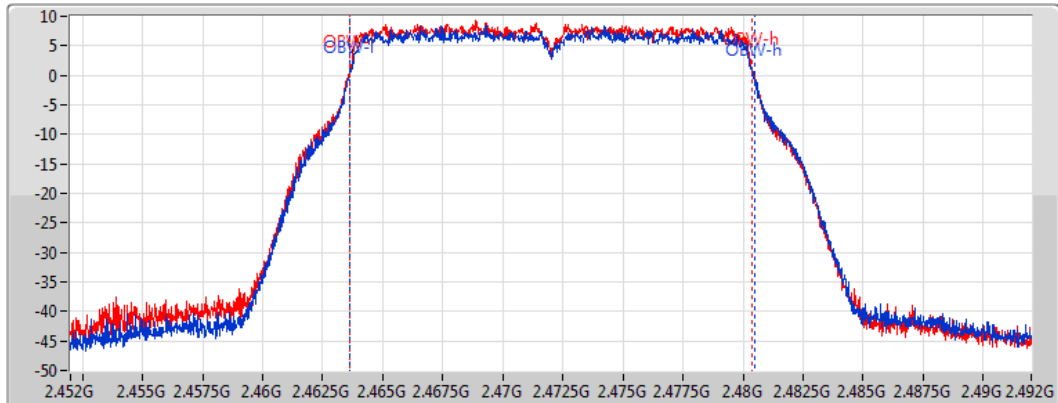
802.11g_Nss1_2TX

2472MHz_TnomVnom

OBW

21/10/2019

CF
2.472GHz
Span
40MHz
RBW
300kHz
VBW
300kHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.9M	2.4636G	2.4805G	26M	1
16.78M	2.46362G	2.4804G	26M	2

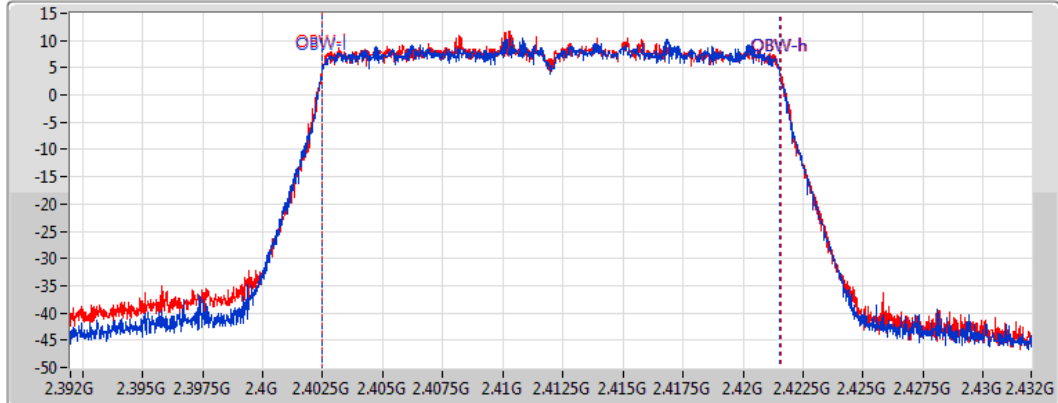
802.11ax HEW20_Nss1,(MCS0)_2TX

OBW

2412MHz_TnomVnom

21/10/2019

CF
2.412GHz
Span
40MHz
RBW
300kHz
VBW
300kHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.04M	2.4025G	2.42154G	26M	1
19.08M	2.40248G	2.42156G	26M	2

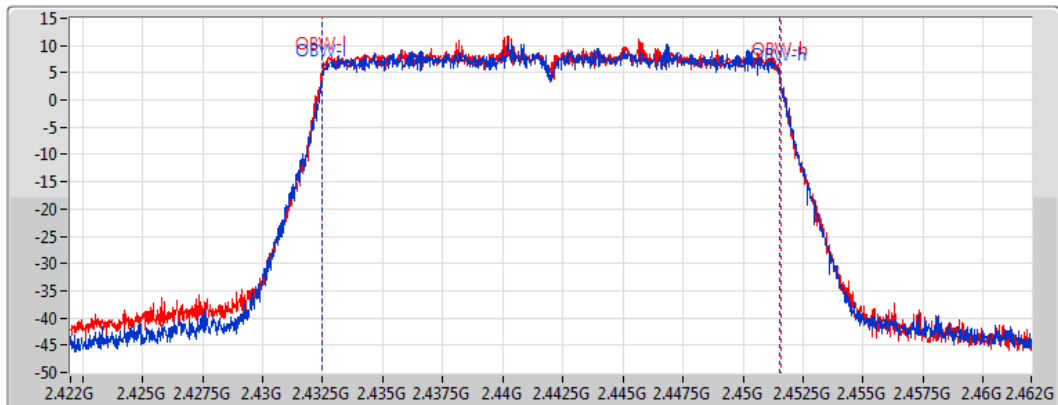
802.11ax HEW20_Nss1,(MCS0)_2TX

OBW

2442MHz_TnomVnom

21/10/2019

CF
2.442GHz
Span
40MHz
RBW
300kHz
VBW
300kHz
Sweep Time
200ms
Detector Type
Peak



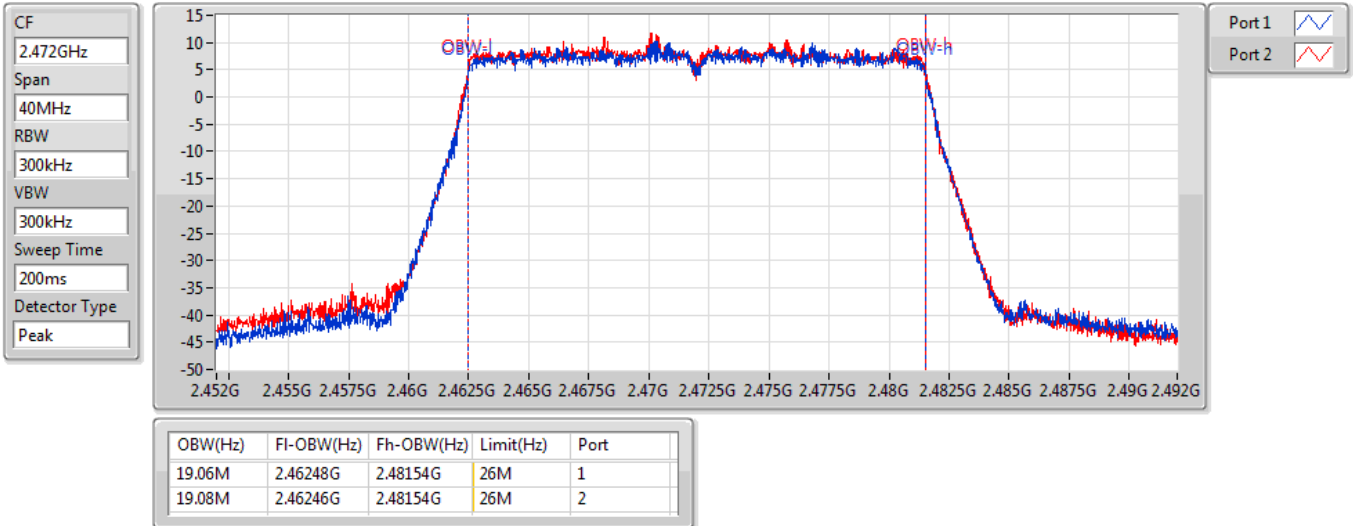
OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.04M	2.4325G	2.45154G	26M	1
19.1M	2.43246G	2.45156G	26M	2

802.11ax HEW20_Nss1,(MCS0)_2TX

OBW

2472MHz_TnomVnom

21/10/2019

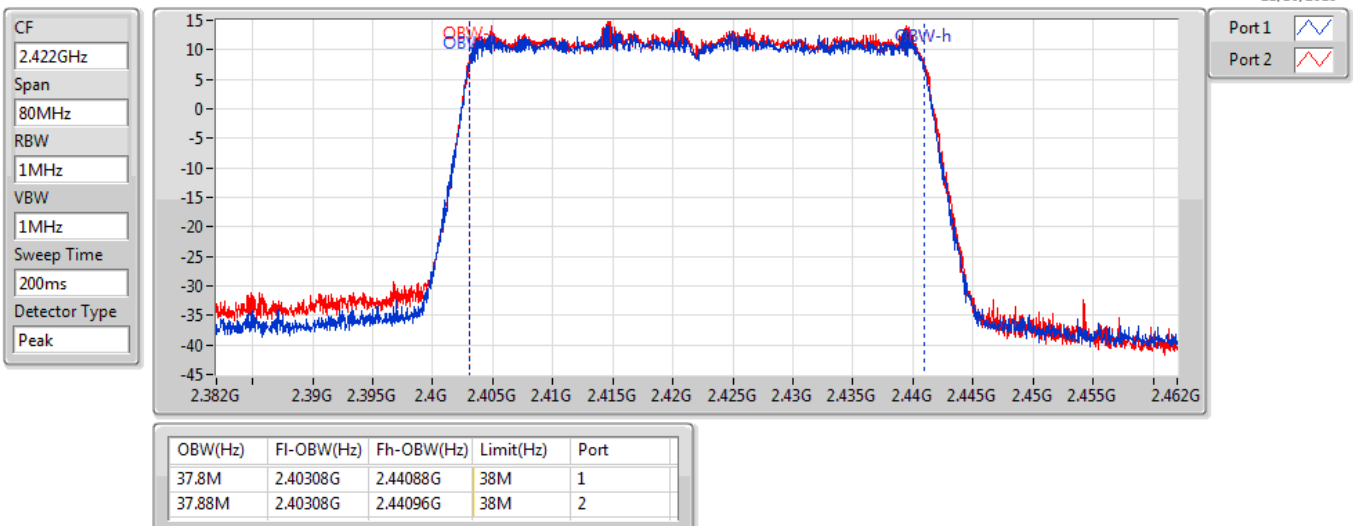


802.11ax HEW40_Nss1,(MCS0)_2TX

OBW

2422MHz_TnomVnom

21/10/2019



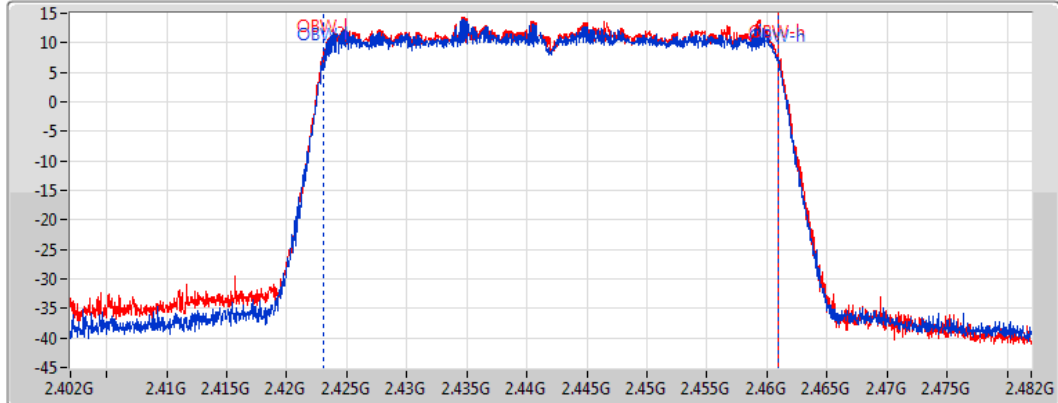
802.11ax HEW40_Nss1,(MCS0)_2TX

OBW

2442MHz_TnomVnom

21/10/2019

CF
2.442GHz
Span
80MHz
RBW
1MHz
VBW
1MHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.42312G	2.46092G	38M	1
37.88M	2.42308G	2.46096G	38M	2

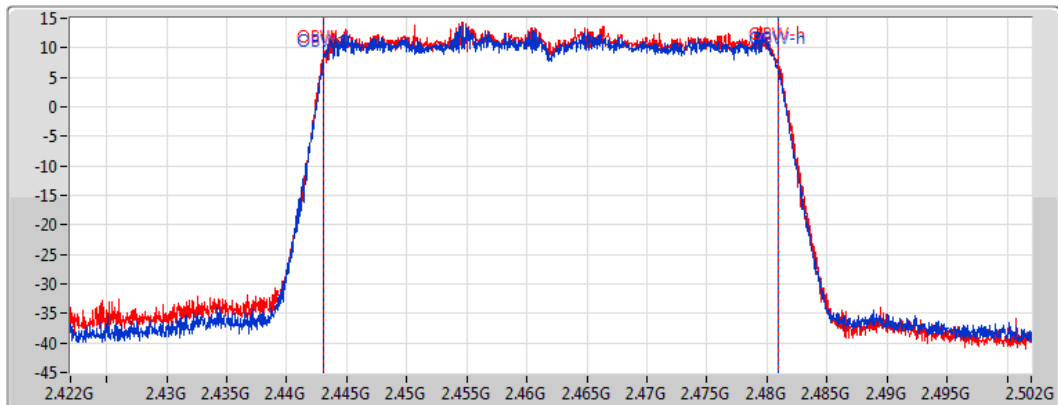
802.11ax HEW40_Nss1,(MCS0)_2TX

OBW

2462MHz_TnomVnom

21/10/2019

CF
2.462GHz
Span
80MHz
RBW
1MHz
VBW
1MHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.44308G	2.48088G	38M	1
37.84M	2.44308G	2.48092G	38M	2

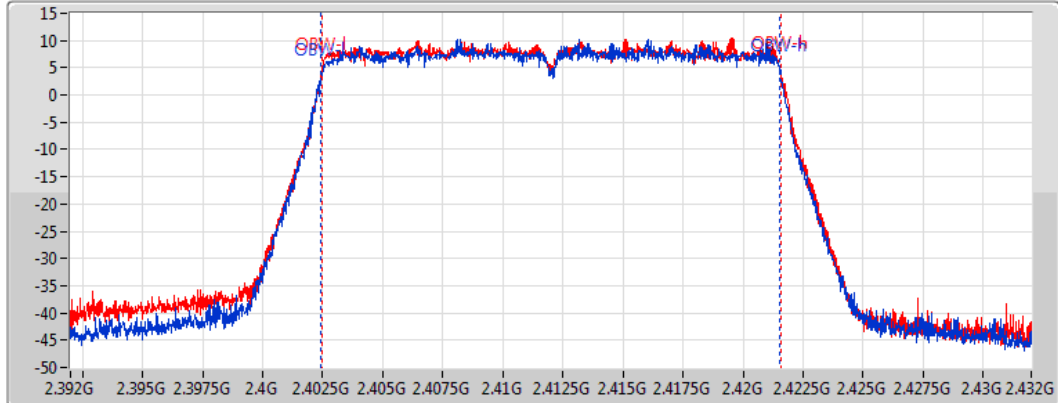
802.11ax HEW20_Nss2,(MCS0)_2TX

OBW

2412MHz_TnomVnom

21/10/2019

CF
2.412GHz
Span
40MHz
RBW
300kHz
VBW
300kHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.1M	2.40244G	2.42154G	26M	1
19.1M	2.40246G	2.42158G	26M	2

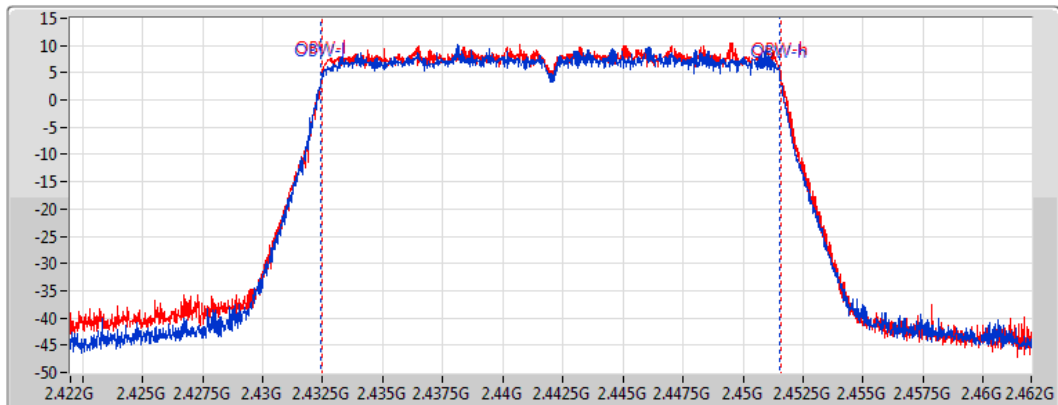
802.11ax HEW20_Nss2,(MCS0)_2TX

OBW

2442MHz_TnomVnom

21/10/2019

CF
2.442GHz
Span
40MHz
RBW
300kHz
VBW
300kHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.1M	2.43244G	2.45154G	26M	1
19.1M	2.43248G	2.45158G	26M	2

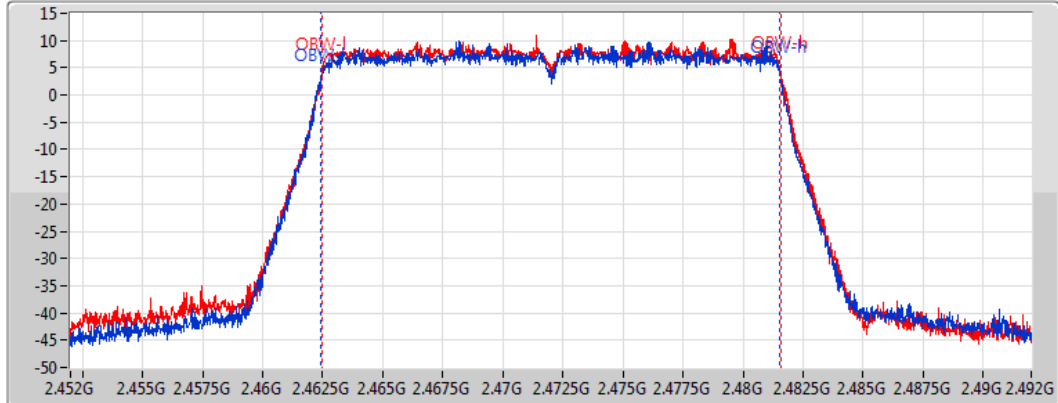
802.11ax HEW20_Nss2,(MCS0)_2TX

OBW

2472MHz_TnomVnom

21/10/2019

CF
2.472GHz
Span
40MHz
RBW
300kHz
VBW
300kHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.12M	2.46242G	2.48154G	26M	1
19.1M	2.46246G	2.48156G	26M	2

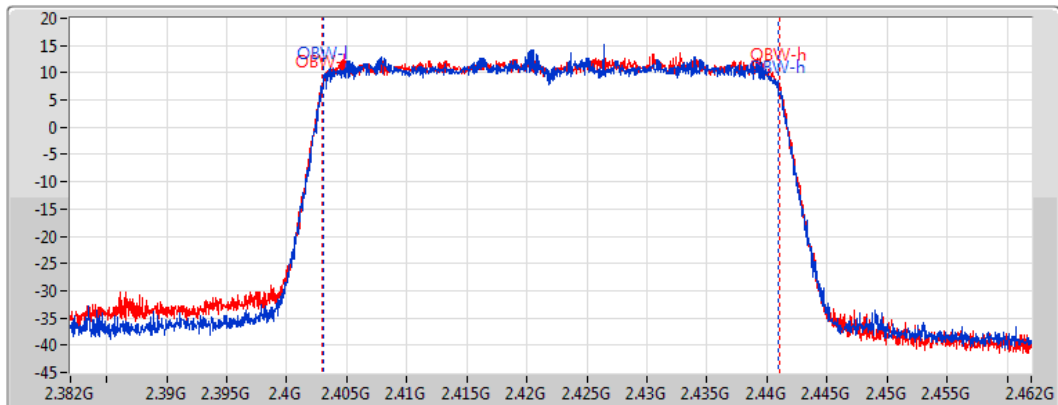
802.11ax HEW40_Nss2,(MCS0)_2TX

OBW

2422MHz_TnomVnom

21/10/2019

CF
2.422GHz
Span
80MHz
RBW
1MHz
VBW
1MHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.92M	2.40304G	2.44096G	38M	1
38M	2.403G	2.441G	38M	2

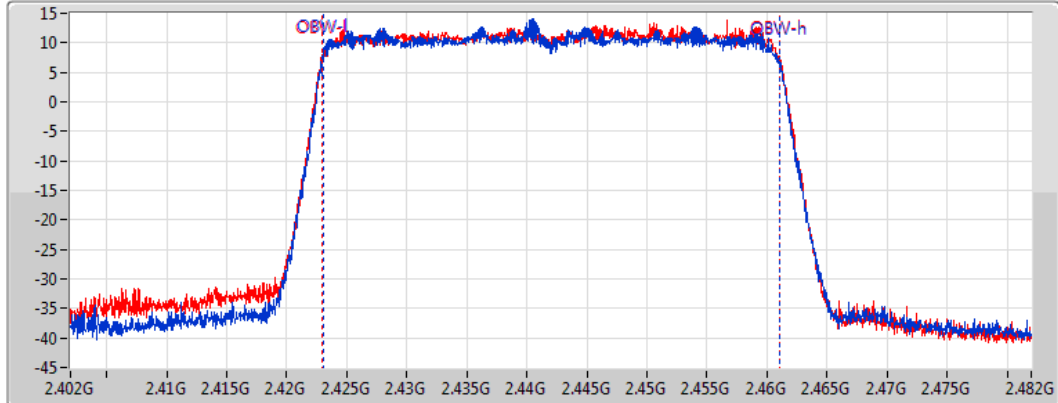
802.11ax HEW40_Nss2,(MCS0)_2TX

OBW

2442MHz_TnomVnom

21/10/2019

CF
2.442GHz
Span
80MHz
RBW
1MHz
VBW
1MHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.96M	2.42304G	2.461G	38M	1
38M	2.423G	2.461G	38M	2

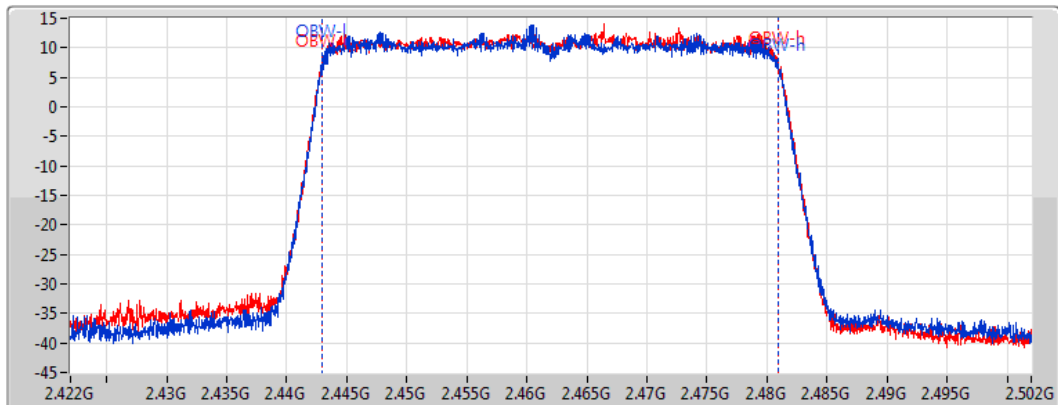
802.11ax HEW40_Nss2,(MCS0)_2TX

OBW

2462MHz_TnomVnom

21/10/2019

CF
2.462GHz
Span
80MHz
RBW
1MHz
VBW
1MHz
Sweep Time
200ms
Detector Type
Peak



OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.96M	2.443G	2.48096G	38M	1
37.96M	2.443G	2.48096G	38M	2



Spreading Bandwidth Result

Appendix B.2

Summary

Mode	Max-SBW (Hz)	Min-SBW (Hz)	Max-SF	Min-SF
2.4-2.4835GHz	-	-	-	-
802.11b_Nss1_2TX	7.34M	7.32M	5.338	5.324

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

Result

Mode	Result	SBW Limit (Hz)	Symbol Rate (Msps)	SF Limit	P1-SBW (Hz)	P1-SF	P2-SBW (Hz)	P2-SF
802.11b_Nss1_2TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	1.375M	5	7.32M	5.324	7.32M	5.324
2442MHz_TnomVnom	Pass	500k	1.375M	5	7.34M	5.338	7.32M	5.324
2472MHz_TnomVnom	Pass	500k	1.375M	5	7.34M	5.338	7.34M	5.338

P1-SBW = Port 1 spreading bandwidth; **P2-SBW** = Port 2 spreading bandwidth; **Pn-SBW** = Port n spreading bandwidth;
P1-SF = Port 1 spreading factor; **P2-SF** = Port 2 spreading factor; **Pn-SF** = Port n spreading factor;

802.11b_Nss1_2TX

SBW

2412MHz_TnomVnom

21/10/2019

CF
2.412GHz

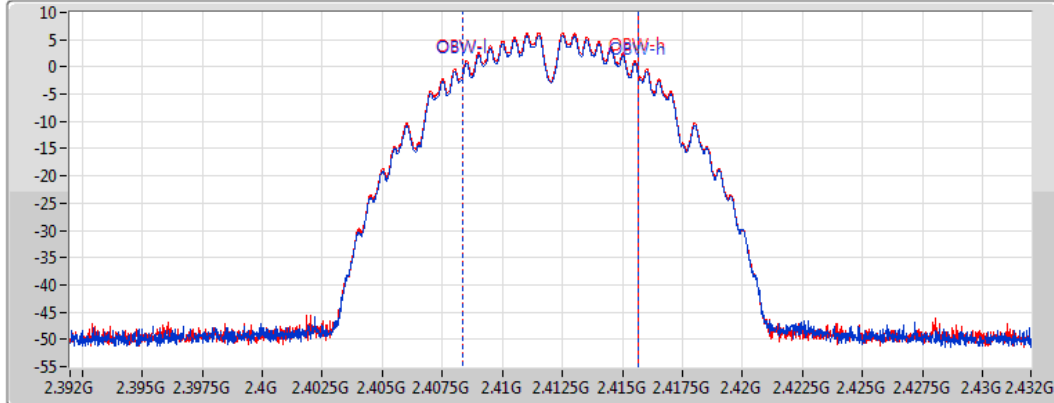
Span
40MHz


RBW
300kHz


VBW
300kHz

Sweep Time
200ms

Detector Type
Peak



Port 1 

Port 2 

SBW(Hz)	Fl-SBW(Hz)	Fh-SBW(Hz)	SBW Limit(Hz)	Symbol Rate(Msps)	SF	SF Limit	Port
7.32M	2.40836G	2.41568G	500k	1.375M	5.324	5	1
7.32M	2.40834G	2.41566G	500k	1.375M	5.324	5	2

802.11b_Nss1_2TX

SBW

2442MHz_TnomVnom

21/10/2019

CF
2.442GHz

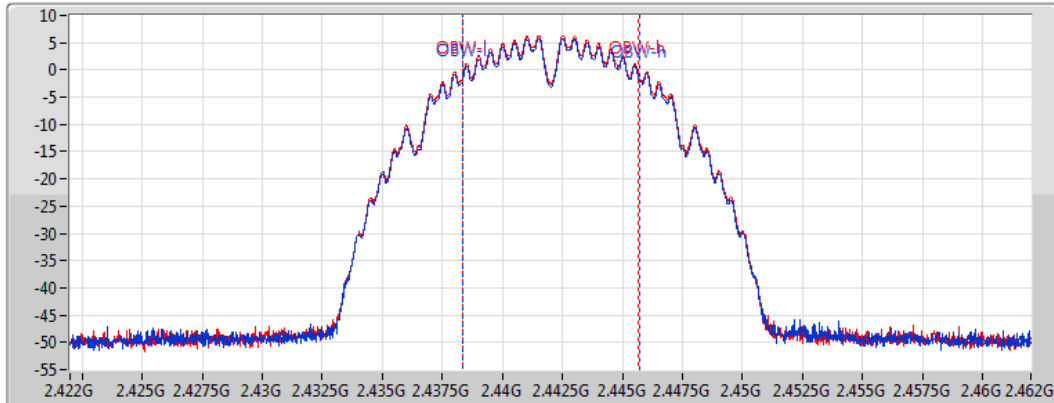
Span
40MHz


RBW
300kHz


VBW
300kHz

Sweep Time
200ms

Detector Type
Peak



Port 1 

Port 2 

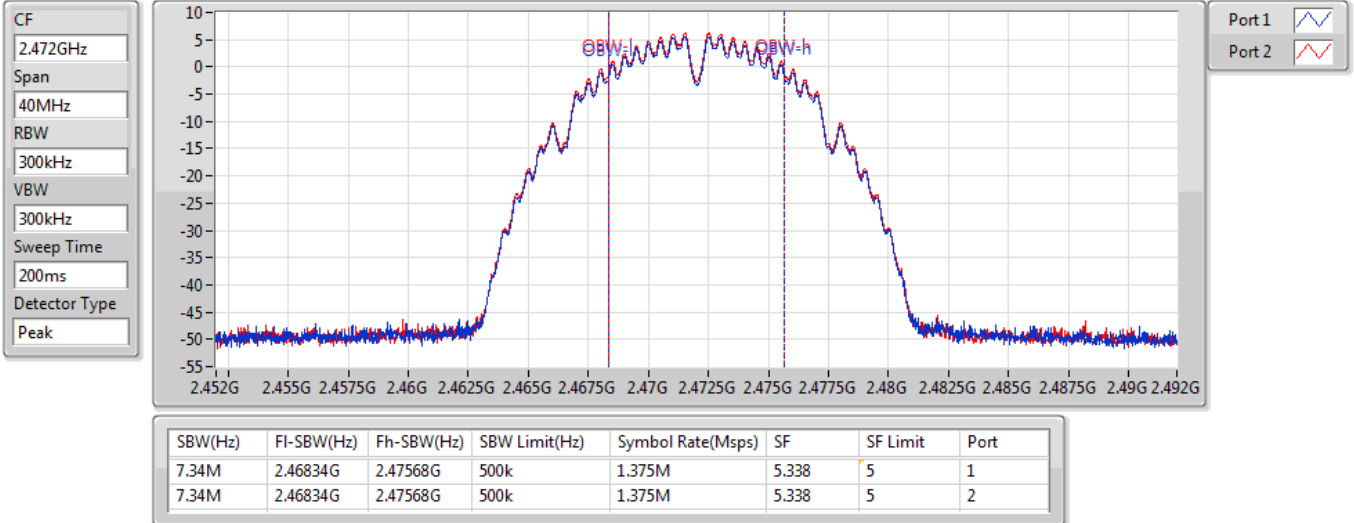
SBW(Hz)	Fl-SBW(Hz)	Fh-SBW(Hz)	SBW Limit(Hz)	Symbol Rate(Msps)	SF	SF Limit	Port
7.34M	2.43836G	2.4457G	500k	1.375M	5.338	5	1
7.32M	2.43836G	2.44568G	500k	1.375M	5.324	5	2

802.11b_Nss1_2TX

SBW

2472MHz_TnomVnom

21/10/2019





Antenna Power Result

Appendix C.1

Summary

Mode	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	EIRP Antenna Power (dBm/MHz)	EIRP Antenna Power (mW/MHz)
2.4-2.4835GHz	-	-	-	-
802.11b_Nss1_2TX	9.90	9.77237	11.85	15.31087
802.11g_Nss1_2TX	9.94	9.86279	11.89	15.45254
802.11ax HEW20_Nss1,(MCS0)_2TX	9.95	9.88553	11.90	15.48817
802.11ax HEW40_Nss1,(MCS0)_2TX	6.98	4.98884	8.93	7.81628
802.11ax HEW20_Nss2,(MCS0)_2TX	9.94	9.86279	11.89	15.45254
802.11ax HEW40_Nss2,(MCS0)_2TX	6.92	4.92040	8.87	7.70903



Antenna Power Result

Appendix C.1

Result

Mode	Result	Gain (dBi)	P1 (dBm/MHz)	P2 (dBm/MHz)	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Antenna Power Lim. (mW/MHz)	EIRP Antenna Power (dBm/MHz)	EIRP Antenna Power (mW/MHz)	EIRP Antenna Power Lim. (mW/MHz)
802.11b_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.95	6.71	7.02	9.88	9.72747	10	11.83	15.24053	16.368
2442MHz_TnomVnom	Pass	1.95	6.59	7.18	9.90	9.77237	10	11.85	15.31087	16.368
2472MHz_TnomVnom	Pass	1.95	6.40	7.13	9.79	9.52796	10	11.74	14.92794	16.368
802.11g_Nss1_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.95	6.46	7.36	9.94	9.86279	10	11.89	15.45254	16.368
2442MHz_TnomVnom	Pass	1.95	6.42	7.15	9.81	9.57194	10	11.76	14.99685	16.368
2472MHz_TnomVnom	Pass	1.95	6.40	7.30	9.88	9.72747	10	11.83	15.24053	16.368
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.95	6.65	7.21	9.95	9.88553	10	11.90	15.48817	16.368
2442MHz_TnomVnom	Pass	1.95	6.47	7.06	9.78	9.50605	10	11.73	14.89361	16.368
2472MHz_TnomVnom	Pass	1.95	6.46	7.22	9.87	9.70510	10	11.82	15.20548	16.368
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	1.95	3.60	4.28	6.97	4.97737	5	8.92	7.79830	8.184
2442MHz_TnomVnom	Pass	1.95	3.63	4.28	6.98	4.98884	5	8.93	7.81628	8.184
2462MHz_TnomVnom	Pass	1.95	3.39	4.11	6.78	4.76431	5	8.73	7.46449	8.184
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	1.95	6.45	7.26	9.88	9.72747	10	11.83	15.24053	16.368
2442MHz_TnomVnom	Pass	1.95	6.46	7.24	9.87	9.70510	10	11.82	15.20548	16.368
2472MHz_TnomVnom	Pass	1.95	6.48	7.34	9.94	9.86279	10	11.89	15.45254	16.368
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	1.95	3.76	4.02	6.90	4.89779	5	8.85	7.67361	8.184
2442MHz_TnomVnom	Pass	1.95	3.68	4.13	6.92	4.92040	5	8.87	7.70903	8.184
2462MHz_TnomVnom	Pass	1.95	3.59	4.19	6.91	4.90908	5	8.86	7.69130	8.184

P1 = Port 1 Antenna Power; **P2** = Port 2 Antenna Power; **Pn** = Port n Antenna Power; **ENBF** = Equivalent Noise Bandwidth Factor;
Antenna Power = Sum by **P1-Pn**

Summary

Mode	Result	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
2.4-2.4835GHz	-	-	-	-	-	-	-
802.11b_Nss1_2TX	Pass	9.90	9.77237	9.77237	0.00	20	-80
802.11g_Nss1_2TX	Pass	9.94	9.86279	9.88553	-0.23	20	-80
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	9.95	9.88553	9.88553	0.00	20	-80
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	6.98	4.98884	4.98884	0.00	20	-80
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	9.94	9.86279	9.88553	-0.23	20	-80
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	6.92	4.92040	4.98884	-1.37	20	-80

Result

Mode	Result	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Declare (mW/MHz)	Tolerance (%)	Limit+ (%)	Limit- (%)
802.11b_Nss1_2TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	9.88	9.72747	9.77237	-0.46	20	-80
2442MHz_TnomVnom	Pass	9.90	9.77237	9.77237	0.00	20	-80
2472MHz_TnomVnom	Pass	9.79	9.52796	9.77237	-2.50	20	-80
802.11g_Nss1_2TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	9.94	9.86279	9.88553	-0.23	20	-80
2442MHz_TnomVnom	Pass	9.81	9.57194	9.88553	-3.17	20	-80
2472MHz_TnomVnom	Pass	9.88	9.72747	9.88553	-1.60	20	-80
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	9.95	9.88553	9.88553	0.00	20	-80
2442MHz_TnomVnom	Pass	9.78	9.50605	9.88553	-3.84	20	-80
2472MHz_TnomVnom	Pass	9.87	9.70510	9.88553	-1.83	20	-80
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	6.97	4.97737	4.98884	-0.23	20	-80
2442MHz_TnomVnom	Pass	6.98	4.98884	4.98884	0.00	20	-80
2462MHz_TnomVnom	Pass	6.78	4.76431	4.98884	-4.50	20	-80
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	9.88	9.72747	9.88553	-1.60	20	-80
2442MHz_TnomVnom	Pass	9.87	9.70510	9.88553	-1.83	20	-80
2472MHz_TnomVnom	Pass	9.94	9.86279	9.88553	-0.23	20	-80
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	6.90	4.89779	4.98884	-1.83	20	-80
2442MHz_TnomVnom	Pass	6.92	4.92040	4.98884	-1.37	20	-80
2462MHz_TnomVnom	Pass	6.91	4.90908	4.98884	-1.60	20	-80

**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm/MHz)	P2 (dBm/MHz)	Psum (dBm/MHz)	Psum (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1_2TX	Pass	2.4965G	12.5G	1M	10.86943G	-46.52	-45.98	-43.23	0.04752	-26.02	2.5
802.11g_Nss1_2TX	Pass	2.4835G	2.4965G	1M	2.48353G	-28.44	-27.46	-24.91	3.22692	-16.02	25
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.4835G	2.4965G	1M	2.48353G	-23.37	-22.33	-19.81	10.45047	-16.02	25
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.4835G	2.4965G	1M	2.48353G	-33.49	-33.07	-30.26	0.94089	-16.02	25
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	2.4835G	2.4965G	1M	2.48353G	-23.38	-22.56	-19.94	10.13824	-16.02	25
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	2.4835G	2.4965G	1M	2.48353G	-33.46	-32.95	-30.19	0.95781	-16.02	25

**Result**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm/MHz)	P2 (dBm/MHz)	Psum (dBm/MHz)	Psum (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
802.11b_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	2.387G	1M	2.38435G	-52.53	-51.68	-49.07	0.01238	-26.02	2.5
2412MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39995G	-51.34	-51.41	-48.36	0.01457	-16.02	25
2412MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48657G	-53.44	-53.54	-50.48	0.00895	-16.02	25
2412MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.86943G	-46.52	-45.98	-43.23	0.04752	-26.02	2.5
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.36402G	-52.84	-52.37	-49.59	0.01099	-26.02	2.5
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39997G	-52.71	-53.00	-49.84	0.01037	-16.02	25
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48394G	-53.11	-53.12	-50.10	0.00976	-16.02	25
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.88569G	-46.18	-46.35	-43.25	0.04727	-26.02	2.5
2472MHz_TnomVnom	Pass	30M	2.387G	1M	2.32778G	-52.35	-52.74	-49.53	0.01114	-26.02	2.5
2472MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39987G	-52.94	-53.32	-50.12	0.00974	-16.02	25
2472MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48353G	-51.12	-51.68	-48.38	0.01452	-16.02	25
2472MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.87068G	-46.28	-46.31	-43.28	0.04694	-26.02	2.5
802.11g_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	2.387G	1M	2.387G	-50.16	-49.18	-46.63	0.02172	-26.02	2.5
2412MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39997G	-35.55	-34.05	-31.73	0.67216	-16.02	25
2412MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48475G	-52.04	-51.87	-48.94	0.01275	-16.02	25
2412MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.87318G	-46.21	-46.18	-43.18	0.04803	-26.02	2.5
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.38494G	-50.70	-50.12	-47.39	0.01824	-26.02	2.5
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39984G	-50.58	-50.38	-47.47	0.01791	-16.02	25
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48415G	-50.94	-50.61	-47.76	0.01674	-16.02	25
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.88443G	-46.18	-46.14	-43.15	0.04842	-26.02	2.5
2472MHz_TnomVnom	Pass	30M	2.387G	1M	2.38464G	-50.85	-50.78	-47.80	0.01658	-26.02	2.5
2472MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39997G	-50.99	-51.07	-48.02	0.01578	-16.02	25
2472MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48353G	-28.44	-27.46	-24.91	3.22692	-16.02	25
2472MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.86318G	-46.01	-46.10	-43.04	0.04961	-26.02	2.5
802.11ax HEW20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	2.387G	1M	2.38612G	-49.08	-47.63	-45.28	0.02962	-26.02	2.5
2412MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39997G	-32.64	-31.64	-29.10	1.22999	-16.02	25
2412MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.4836G	-51.89	-51.67	-48.77	0.01328	-16.02	25
2412MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.87943G	-46.10	-46.22	-43.15	0.04843	-26.02	2.5
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.37816G	-50.76	-50.29	-47.51	0.01775	-26.02	2.5
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39977G	-50.74	-50.43	-47.57	0.01749	-16.02	25
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48397G	-51.03	-50.57	-47.78	0.01666	-16.02	25
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.86818G	-46.26	-46.11	-43.17	0.04815	-26.02	2.5
2472MHz_TnomVnom	Pass	30M	2.387G	1M	2.37934G	-51.17	-50.83	-47.99	0.0159	-26.02	2.5
2472MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39966G	-51.34	-51.24	-48.28	0.01486	-16.02	25
2472MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48353G	-23.37	-22.33	-19.81	10.45047	-16.02	25
2472MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.84567G	-46.09	-46.65	-43.35	0.04623	-26.02	2.5
802.11ax HEW40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	30M	2.387G	1M	2.38641G	-45.54	-43.65	-41.48	0.07108	-26.02	2.5
2422MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39997G	-41.54	-39.52	-37.40	0.18183	-16.02	25
2422MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48379G	-50.48	-50.12	-47.29	0.01868	-16.02	25
2422MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.86693G	-46.53	-46.23	-43.37	0.04606	-26.02	2.5
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.38582G	-49.84	-48.95	-46.36	0.02311	-26.02	2.5
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.3999G	-47.98	-45.76	-43.72	0.04247	-16.02	25
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48353G	-48.34	-48.52	-45.42	0.02872	-16.02	25
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.84567G	-45.77	-46.37	-43.05	0.04955	-26.02	2.5
2462MHz_TnomVnom	Pass	30M	2.387G	1M	2.37846G	-50.62	-49.70	-47.13	0.01938	-26.02	2.5
2462MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39984G	-50.13	-49.88	-46.99	0.01999	-16.02	25
2462MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48353G	-33.49	-33.07	-30.26	0.94089	-16.02	25
2462MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.86068G	-46.50	-46.07	-43.27	0.0471	-26.02	2.5
802.11ax HEW20_Nss2(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-



CSE-TX Unwanted Emission Strength

Appendix D

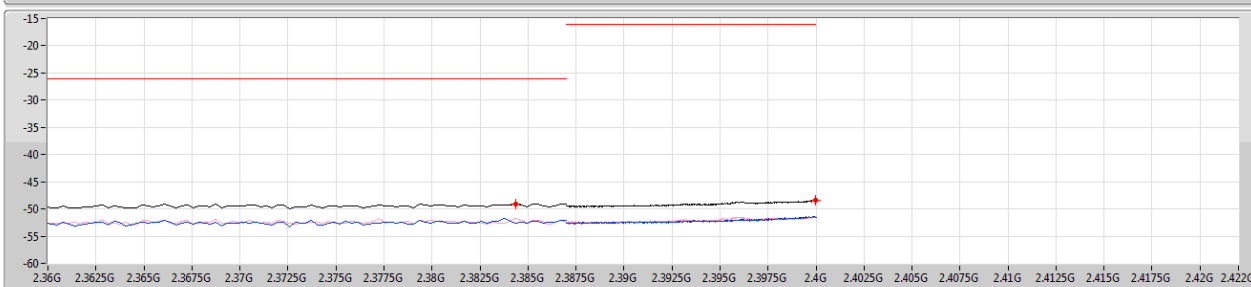
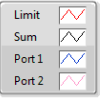
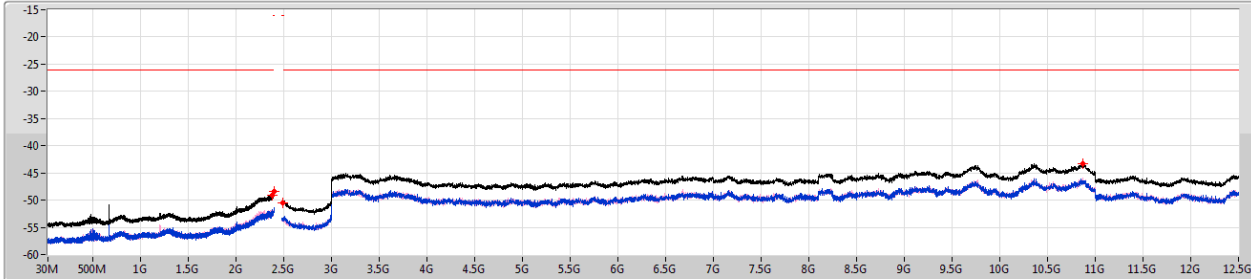
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm/MHz)	P2 (dBm/MHz)	Psum (dBm/MHz)	Psum (uW/MHz)	Limit (dBm/MHz)	Limit (uW/MHz)
2412MHz_TnomVnom	Pass	30M	2.387G	1M	2.38641G	-49.66	-47.42	-45.39	0.02893	-26.02	2.5
2412MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39997G	-32.65	-31.61	-29.09	1.23349	-16.02	25
2412MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48454G	-51.86	-51.67	-48.75	0.01332	-16.02	25
2412MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.85943G	-46.06	-46.14	-43.09	0.0491	-26.02	2.5
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.38494G	-50.54	-50.42	-47.47	0.01791	-26.02	2.5
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39987G	-50.73	-50.36	-47.53	0.01766	-16.02	25
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48355G	-50.99	-50.72	-47.84	0.01643	-16.02	25
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.87818G	-46.63	-45.93	-43.26	0.04725	-26.02	2.5
2472MHz_TnomVnom	Pass	30M	2.387G	1M	2.37757G	-51.40	-50.45	-47.89	0.01626	-26.02	2.5
2472MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39971G	-51.32	-50.98	-48.14	0.01536	-16.02	25
2472MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48353G	-23.38	-22.56	-19.94	10.13824	-16.02	25
2472MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.85943G	-46.36	-46.18	-43.26	0.04722	-26.02	2.5
802.11ax HEW40_Nss2 (MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	30M	2.387G	1M	2.387G	-46.04	-42.52	-40.92	0.08086	-26.02	2.5
2422MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39997G	-41.51	-39.48	-37.37	0.18335	-16.02	25
2422MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48353G	-50.42	-50.02	-47.21	0.01903	-16.02	25
2422MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.90819G	-46.29	-46.41	-43.34	0.04635	-26.02	2.5
2442MHz_TnomVnom	Pass	30M	2.387G	1M	2.37993G	-50.05	-48.45	-46.17	0.02417	-26.02	2.5
2442MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39992G	-47.91	-45.76	-43.69	0.04273	-16.02	25
2442MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48379G	-48.20	-48.53	-45.35	0.02916	-16.02	25
2442MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.86818G	-46.39	-46.38	-43.37	0.04598	-26.02	2.5
2462MHz_TnomVnom	Pass	30M	2.387G	1M	2.38464G	-50.79	-49.29	-46.97	0.02011	-26.02	2.5
2462MHz_TnomVnom	Pass	2.387G	2.4G	1M	2.39992G	-50.07	-49.65	-46.84	0.02068	-16.02	25
2462MHz_TnomVnom	Pass	2.4835G	2.4965G	1M	2.48353G	-33.46	-32.95	-30.19	0.95781	-16.02	25
2462MHz_TnomVnom	Pass	2.4965G	12.5G	1M	10.87443G	-45.99	-46.11	-43.04	0.04967	-26.02	2.5

802.11b_Nss1_2TX

2412MHz_TnomVnom

CSE-TX

21/10/2019



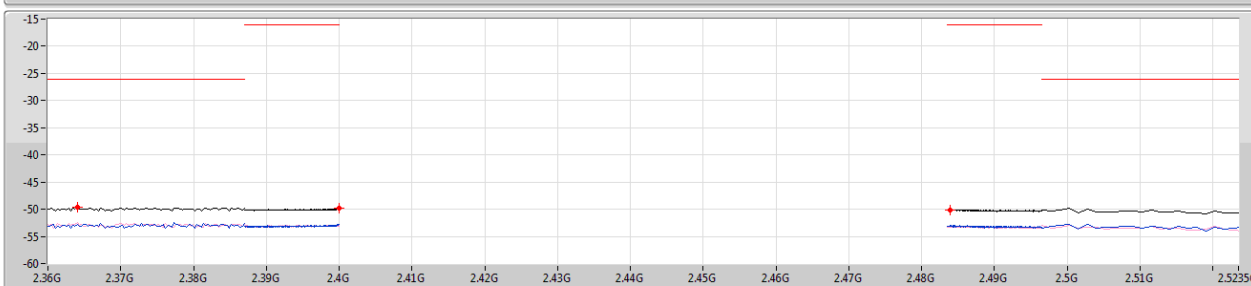
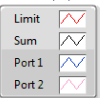
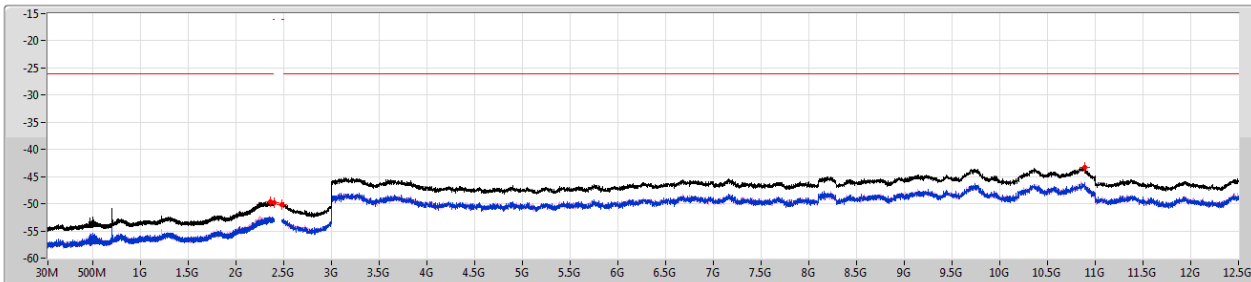
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38435G	-49.07	-26.02	-23.05	-52.53	-51.68
2.387G	2.4G	2.39995G	-48.36	-16.02	-32.34	-51.34	-51.41
2.4835G	2.4965G	2.48657G	-50.48	-16.02	-34.46	-53.44	-53.54
2.4965G	12.5G	10.86943G	-43.23	-26.02	-17.21	-46.52	-45.98

802.11b_Nss1_2TX

2442MHz_TnomVnom

CSE-TX

21/10/2019



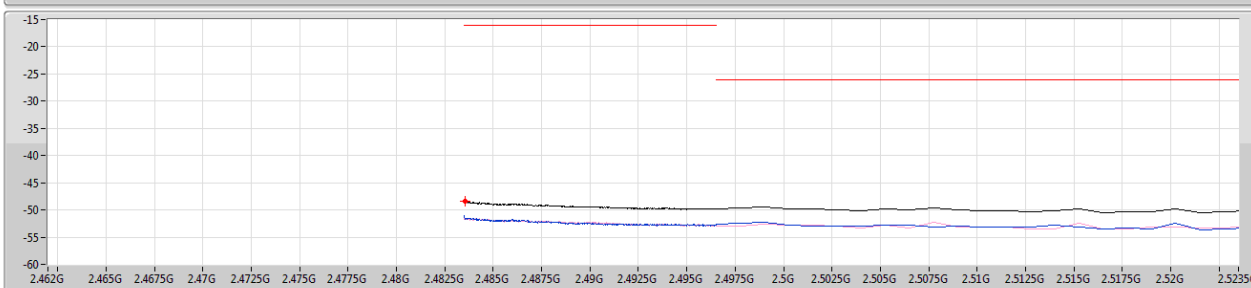
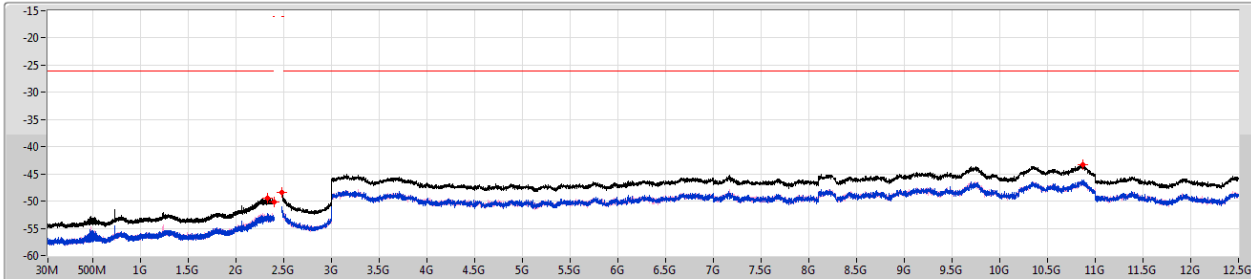
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38402G	-49.59	-26.02	-23.57	-52.84	-52.37
2.387G	2.4G	2.39997G	-49.84	-16.02	-33.82	-52.71	-53.00
2.4835G	2.4965G	2.48394G	-50.10	-16.02	-34.08	-53.11	-53.12
2.4965G	12.5G	10.88569G	-43.25	-26.02	-17.23	-46.18	-46.35

802.11b_Nss1_2TX

2472MHz_TnomVnom

CSE-TX

21/10/2019



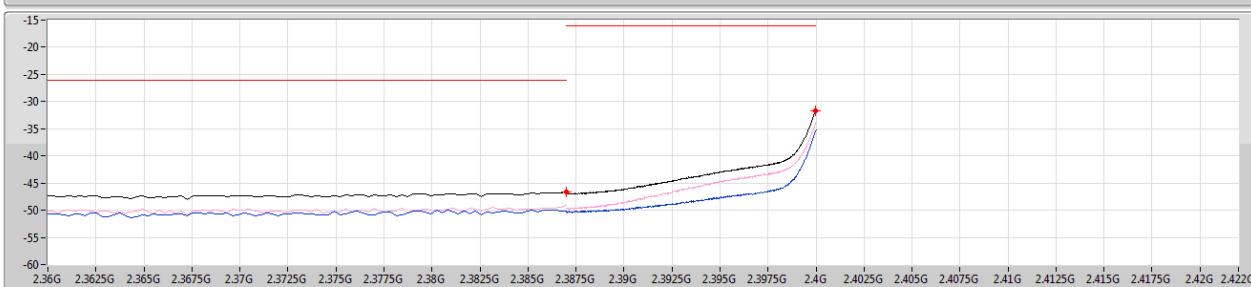
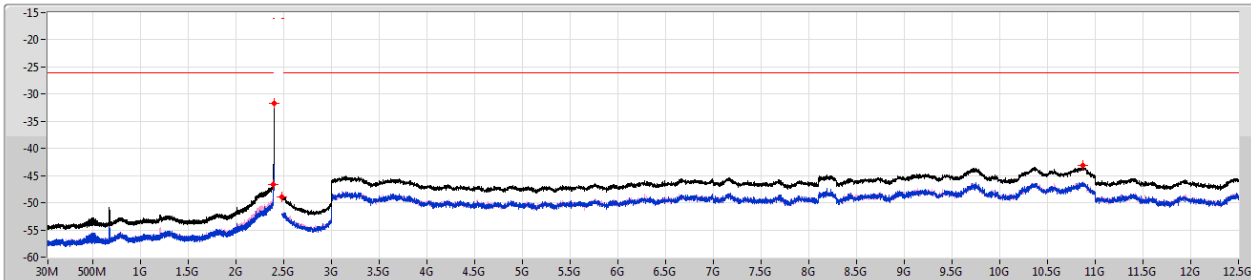
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.32778G	-49.53	-26.02	-23.51	-52.35	-52.74
2.387G	2.4G	2.39987G	-50.12	-16.02	-34.10	-52.94	-53.32
2.4835G	2.4965G	2.48353G	-48.38	-16.02	-32.36	-51.12	-51.68
2.4965G	12.5G	10.87068G	-43.28	-26.02	-17.26	-46.28	-46.31

802.11g_Nss1_2TX

2412MHz_TnomVnom

CSE-TX

21/10/2019



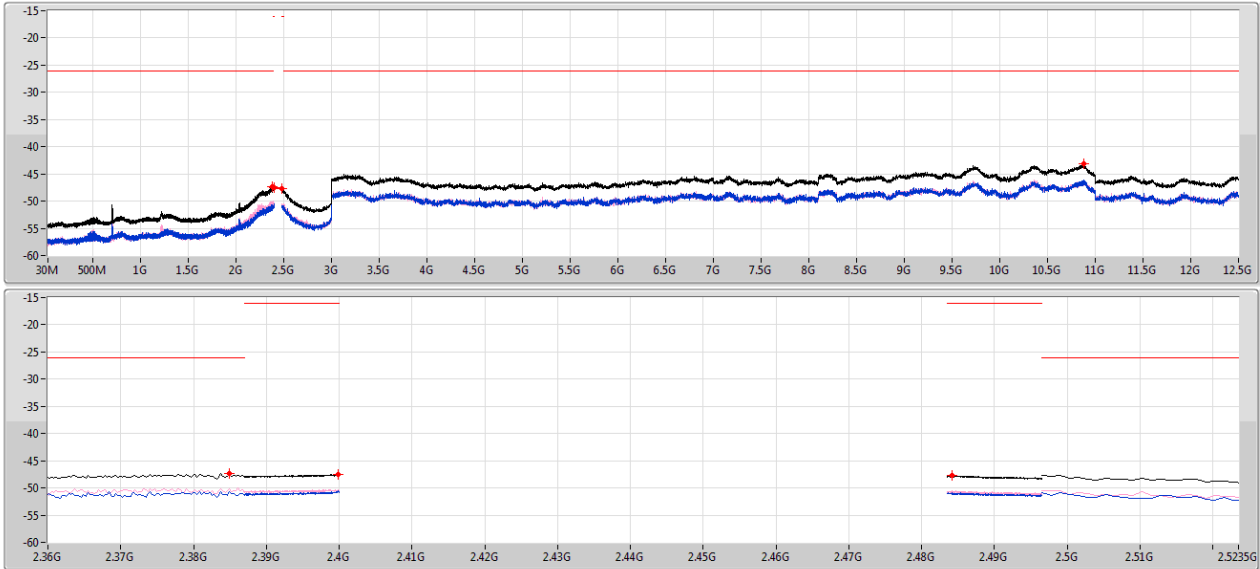
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.387G	-46.63	-26.02	-20.61	-50.16	-49.18
2.387G	2.4G	2.39997G	-31.73	-16.02	-15.71	-35.55	-34.05
2.4835G	2.4965G	2.48475G	-48.94	-16.02	-32.92	-52.04	-51.87
2.4965G	12.5G	10.87318G	-43.18	-26.02	-17.16	-46.21	-46.18

802.11g_Nss1_2TX

CSE-TX

2442MHz_TnomVnom

21/10/2019



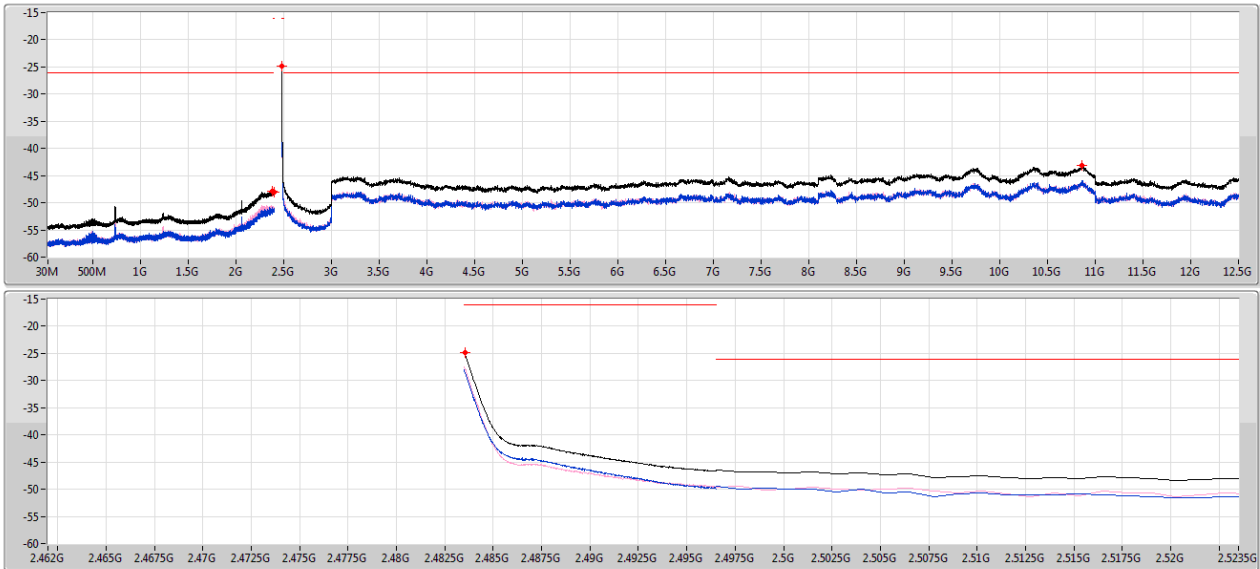
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38494G	-47.39	-26.02	-21.37	-50.70	-50.12
2.387G	2.4G	2.39984G	-47.47	-16.02	-31.45	-50.58	-50.38
2.4835G	2.4965G	2.48415G	-47.76	-16.02	-31.74	-50.94	-50.61
2.4965G	12.5G	10.88443G	-43.15	-26.02	-17.13	-46.18	-46.14

802.11g_Nss1_2TX

CSE-TX

2472MHz_TnomVnom

21/10/2019

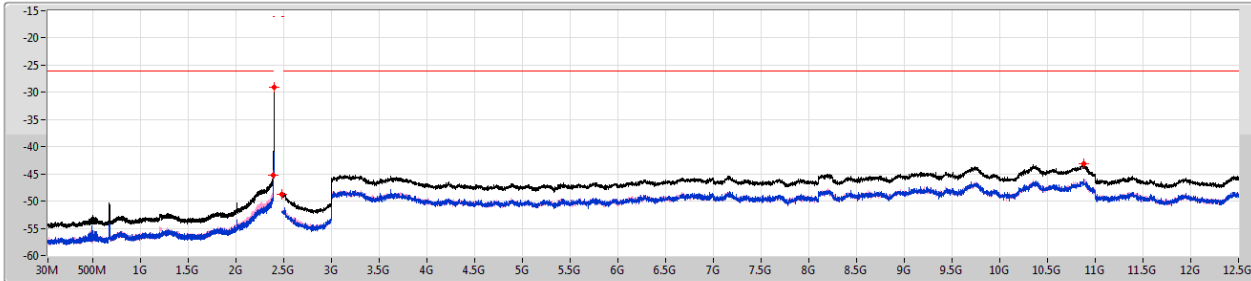


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38464G	-47.80	-26.02	-21.78	-50.85	-50.78
2.387G	2.4G	2.39997G	-48.02	-16.02	-32.00	-50.99	-51.07
2.4835G	2.4965G	2.48353G	-24.91	-16.02	-8.89	-28.44	-27.46
2.4965G	12.5G	10.86318G	-43.04	-26.02	-17.02	-46.01	-46.10

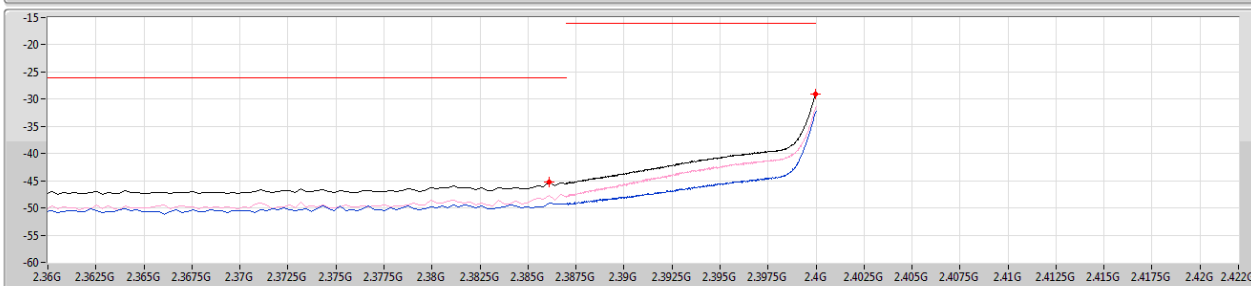
802.11ax HEW20_Nss1,(MCS0)_2TX

CSE-TX

2412MHz_TnomVnom



21/10/2019
Limit
Sum
Port 1
Port 2

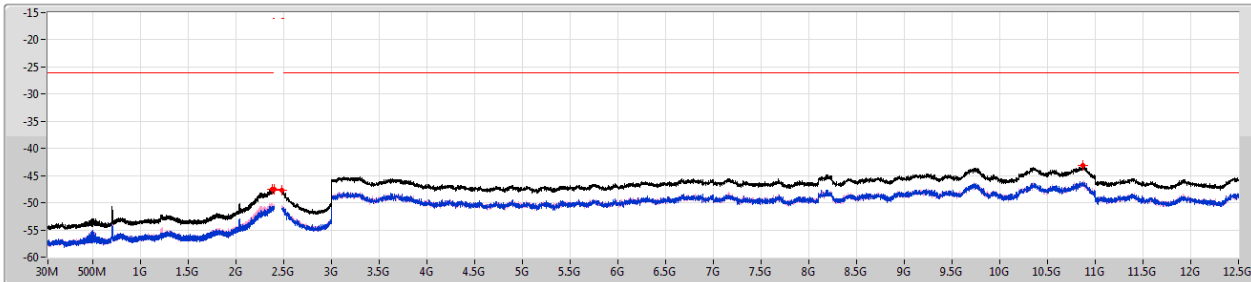


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38612G	-45.28	-26.02	-19.26	-49.08	-47.63
2.387G	2.4G	2.39997G	-29.10	-16.02	-13.08	-32.64	-31.64
2.4835G	2.4965G	2.4836G	-48.77	-16.02	-32.75	-51.89	-51.67
2.4965G	12.5G	10.87943G	-43.15	-26.02	-17.13	-46.10	-46.22

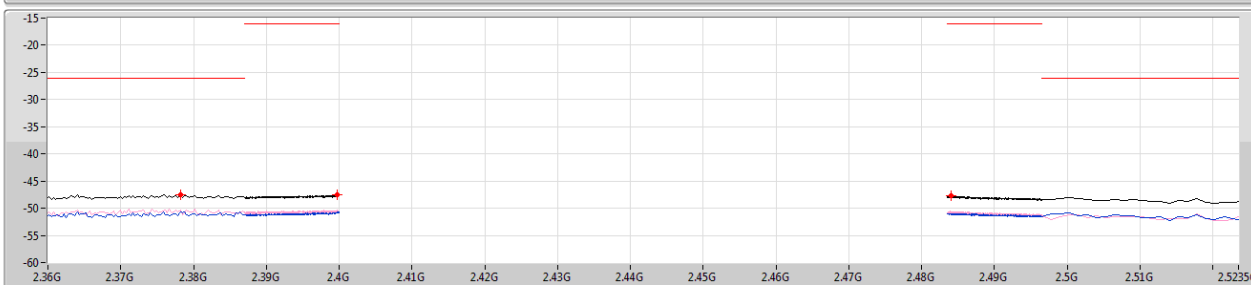
802.11ax HEW20_Nss1,(MCS0)_2TX

CSE-TX

2442MHz_TnomVnom



21/10/2019
Limit
Sum
Port 1
Port 2

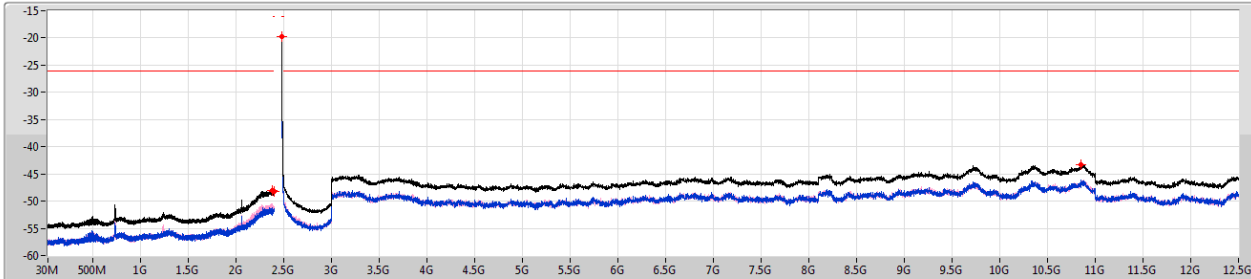


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.37816G	-47.51	-26.02	-21.49	-50.76	-50.29
2.387G	2.4G	2.39977G	-47.57	-16.02	-31.55	-50.74	-50.43
2.4835G	2.4965G	2.48397G	-47.78	-16.02	-31.76	-51.03	-50.57
2.4965G	12.5G	10.86818G	-43.17	-26.02	-17.15	-46.26	-46.11

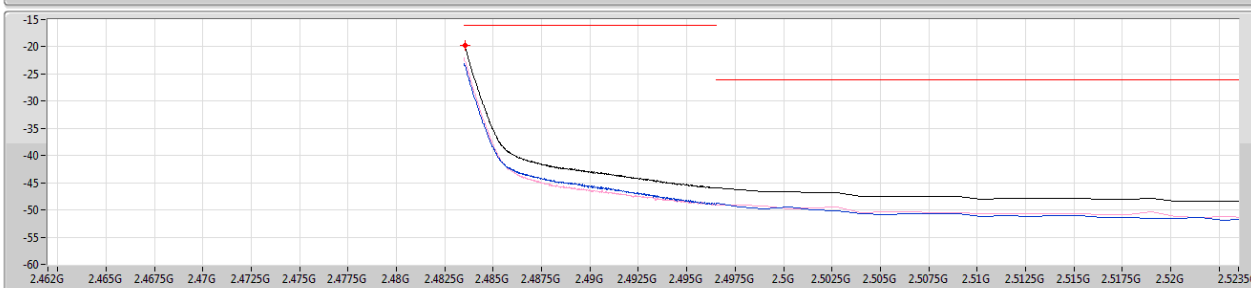
802.11ax HEW20_Nss1,(MCS0)_2TX

CSE-TX

2472MHz_TnomVnom



21/10/2019
Limit
Sum
Port 1
Port 2

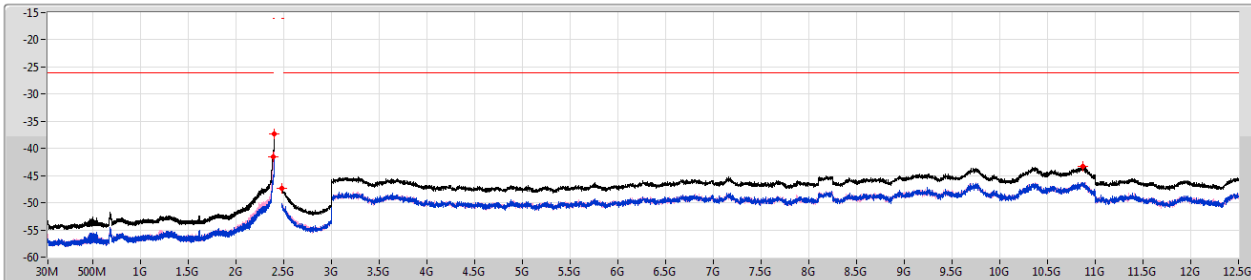


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.37934G	-47.99	-26.02	-21.97	-51.17	-50.83
2.387G	2.4G	2.39966G	-48.28	-16.02	-32.26	-51.34	-51.24
2.4835G	2.4965G	2.48353G	-19.81	-16.02	-3.79	-23.37	-22.33
2.4965G	12.5G	10.84567G	-43.35	-26.02	-17.33	-46.09	-46.65

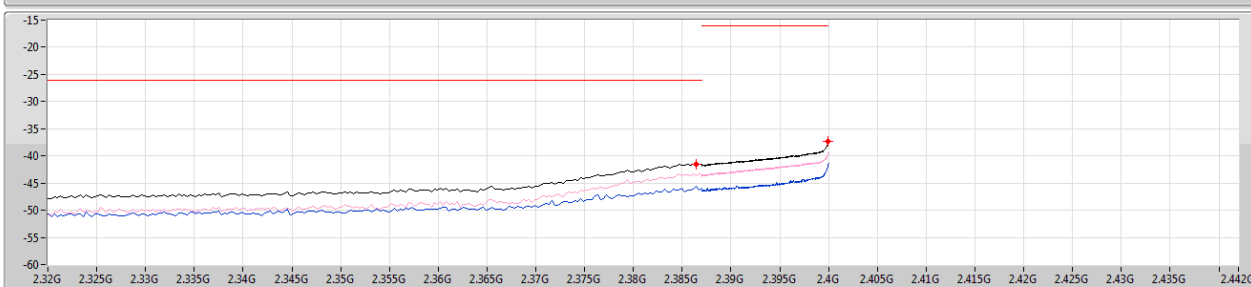
802.11ax HEW40_Nss1,(MCS0)_2TX

CSE-TX

2422MHz_TnomVnom



21/10/2019
Limit
Sum
Port 1
Port 2



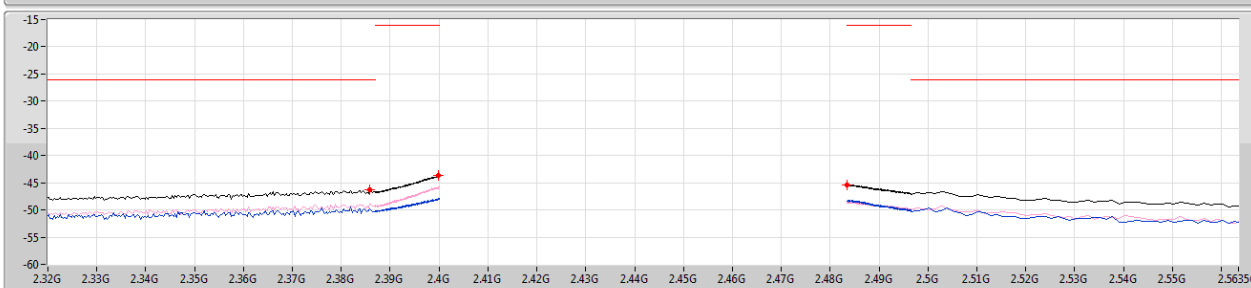
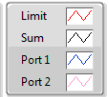
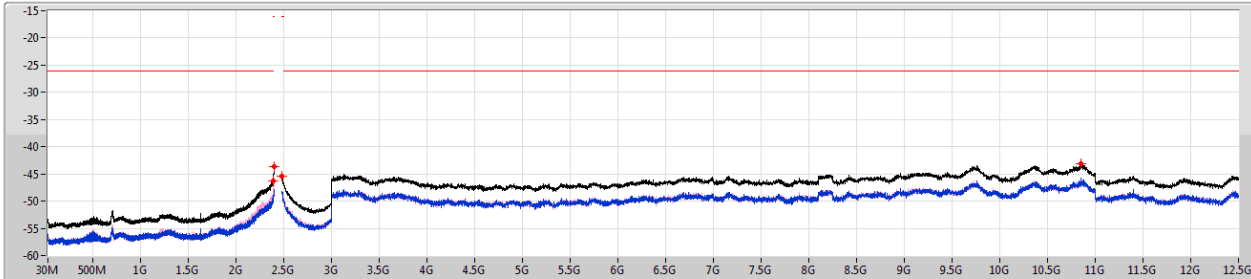
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38641G	-41.48	-26.02	-15.46	-45.54	-43.65
2.387G	2.4G	2.39997G	-37.40	-16.02	-21.38	-41.54	-39.52
2.4835G	2.4965G	2.48379G	-47.29	-16.02	-31.27	-50.48	-50.12
2.4965G	12.5G	10.86693G	-43.37	-26.02	-17.35	-46.53	-46.23

802.11ax HEW40_Nss1,(MCS0)_2TX

CSE-TX

2442MHz_TnomVnom

21/10/2019



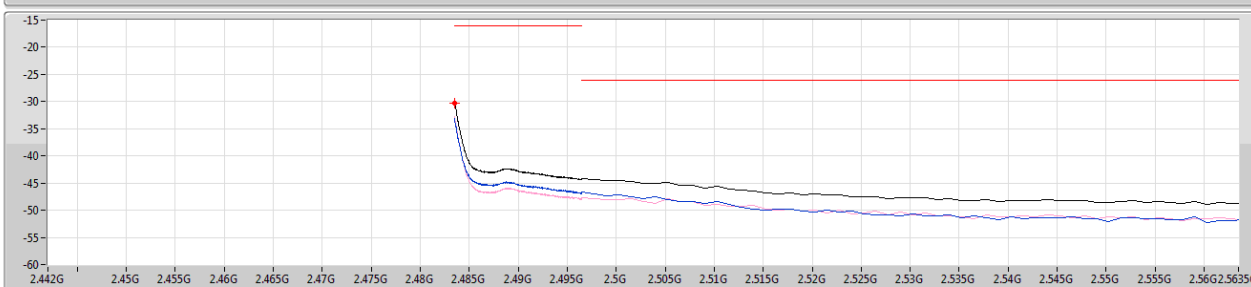
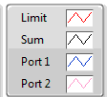
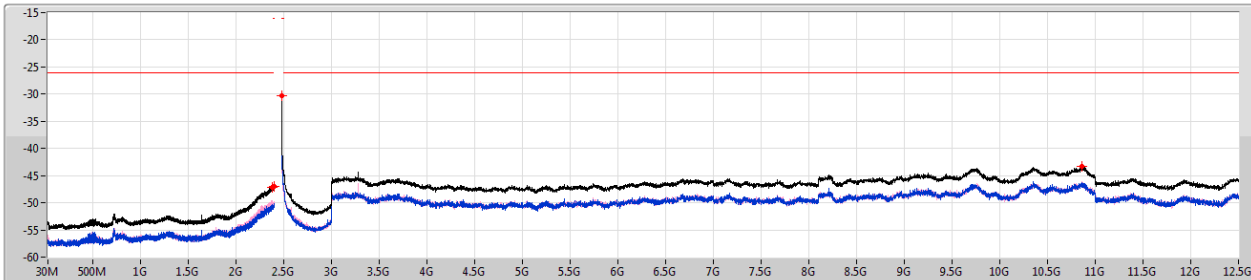
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38582G	-46.36	-26.02	-20.34	-49.84	-48.95
2.387G	2.4G	2.3999G	-43.72	-16.02	-27.70	-47.98	-45.76
2.4835G	2.4965G	2.48353G	-45.42	-16.02	-29.40	-48.34	-48.52
2.4965G	12.5G	10.84567G	-43.05	-26.02	-17.03	-45.77	-46.37

802.11ax HEW40_Nss1,(MCS0)_2TX

CSE-TX

2462MHz_TnomVnom

21/10/2019

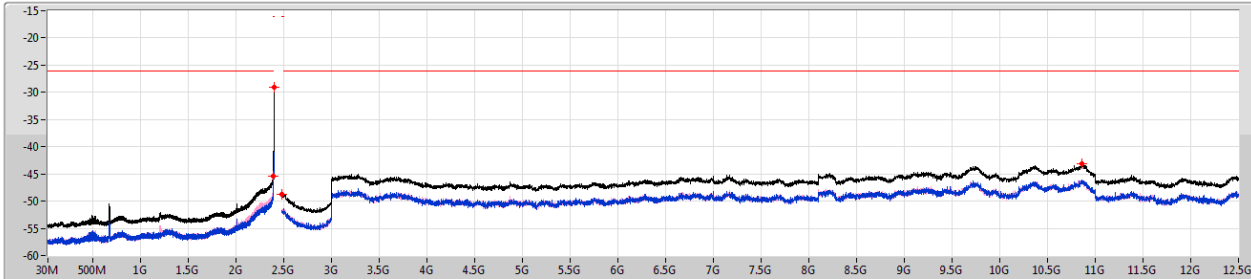


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.37846G	-47.13	-26.02	-21.11	-50.62	-49.70
2.387G	2.4G	2.39984G	-46.99	-16.02	-30.97	-50.13	-49.88
2.4835G	2.4965G	2.48353G	-30.26	-16.02	-14.24	-33.49	-33.07
2.4965G	12.5G	10.86068G	-43.27	-26.02	-17.25	-46.50	-46.07

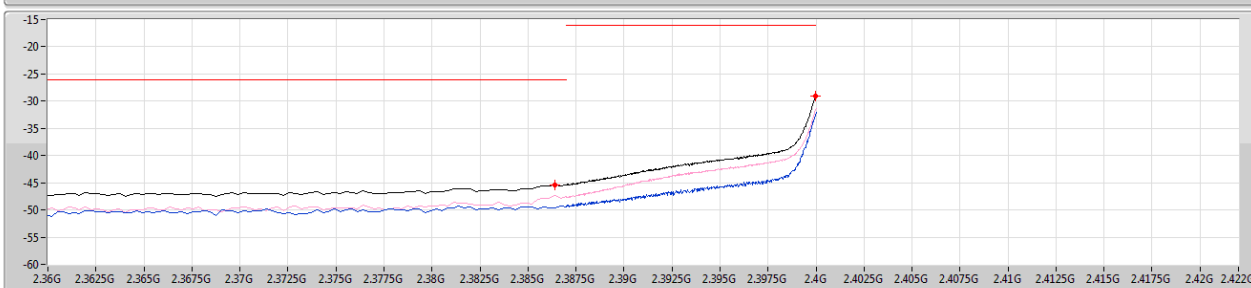
802.11ax HEW20_Nss2,(MCS0)_2TX

CSE-TX

2412MHz_TnomVnom



21/10/2019
Limit
Sum
Port 1
Port 2

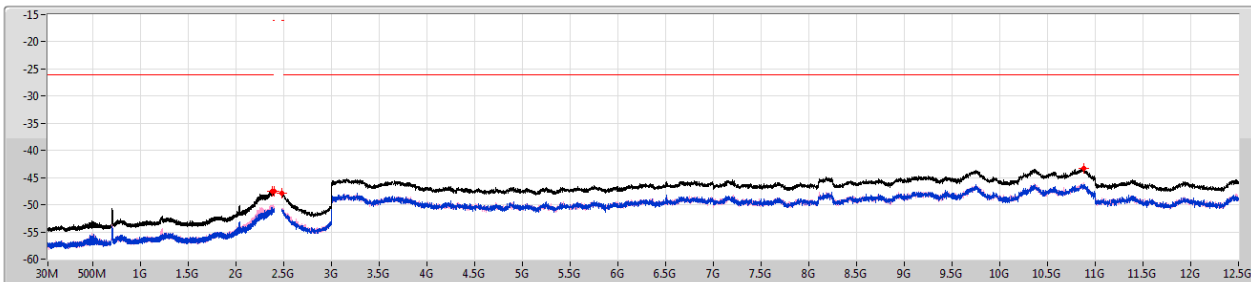


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38641G	-45.39	-26.02	-19.37	-49.66	-47.42
2.387G	2.4G	2.39997G	-29.09	-16.02	-13.07	-32.65	-31.61
2.4835G	2.4965G	2.48454G	-48.75	-16.02	-32.73	-51.86	-51.67
2.4965G	12.5G	10.85943G	-43.09	-26.02	-17.07	-46.06	-46.14

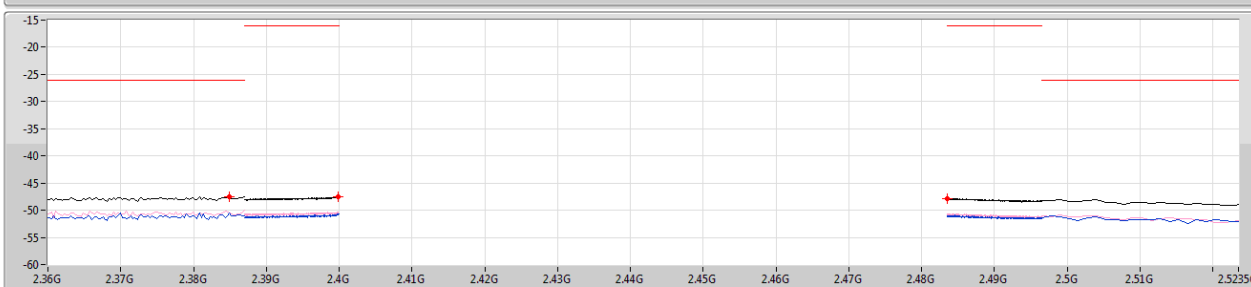
802.11ax HEW20_Nss2,(MCS0)_2TX

CSE-TX

2442MHz_TnomVnom



21/10/2019
Limit
Sum
Port 1
Port 2

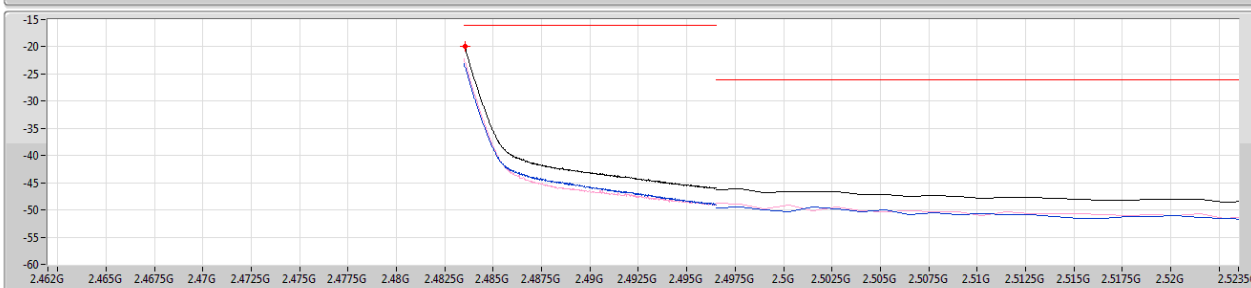
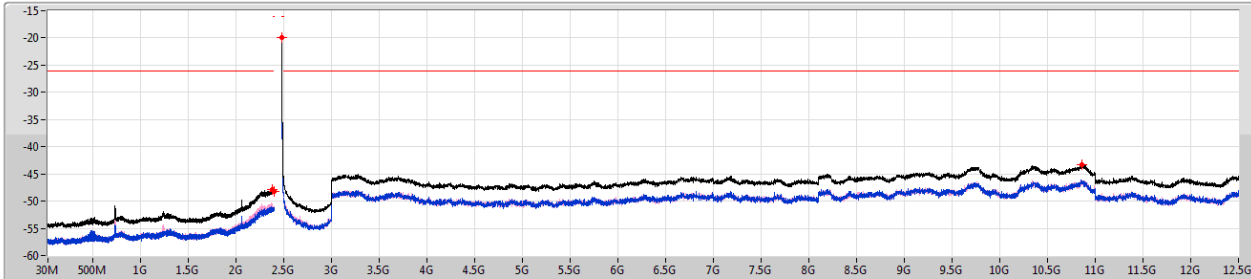


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38494G	-47.47	-26.02	-21.45	-50.54	-50.42
2.387G	2.4G	2.39987G	-47.53	-16.02	-31.51	-50.73	-50.36
2.4835G	2.4965G	2.48355G	-47.84	-16.02	-31.82	-50.99	-50.72
2.4965G	12.5G	10.87818G	-43.26	-26.02	-17.24	-46.63	-45.93

802.11ax HEW20_Nss2,(MCS0)_2TX

CSE-TX

2472MHz_TnomVnom

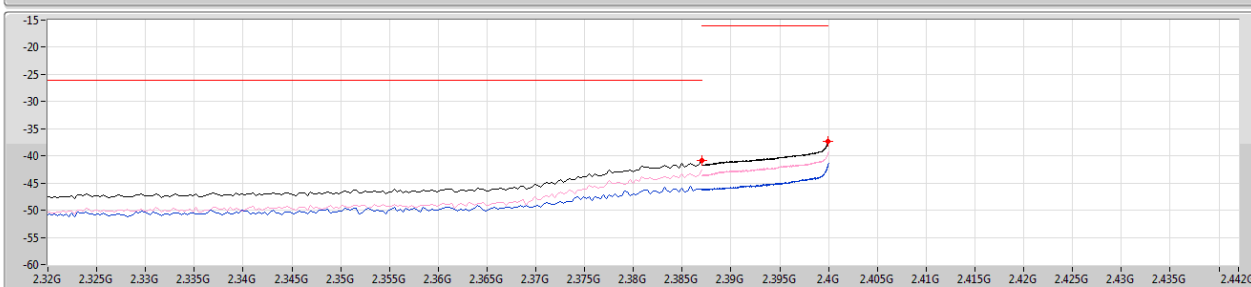
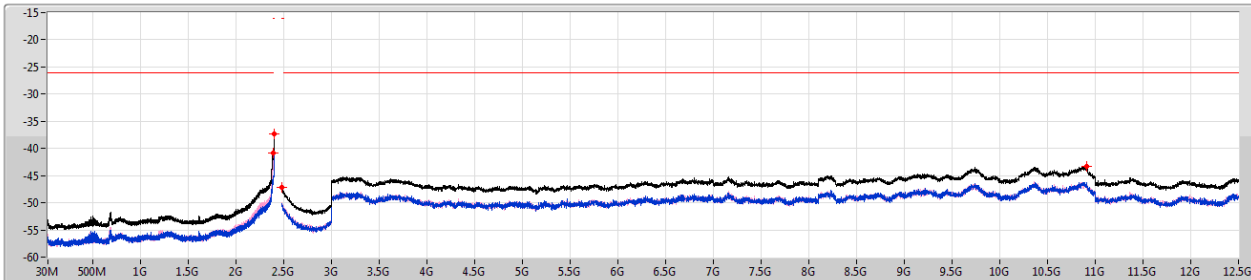


F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.37757G	-47.89	-26.02	-21.87	-51.40	-50.45
2.387G	2.4G	2.39971G	-48.14	-16.02	-32.12	-51.32	-50.98
2.4835G	2.4965G	2.48353G	-19.94	-16.02	-3.92	-23.38	-22.56
2.4965G	12.5G	10.85943G	-43.26	-26.02	-17.24	-46.36	-46.18

802.11ax HEW40_Nss2,(MCS0)_2TX

CSE-TX

2422MHz_TnomVnom



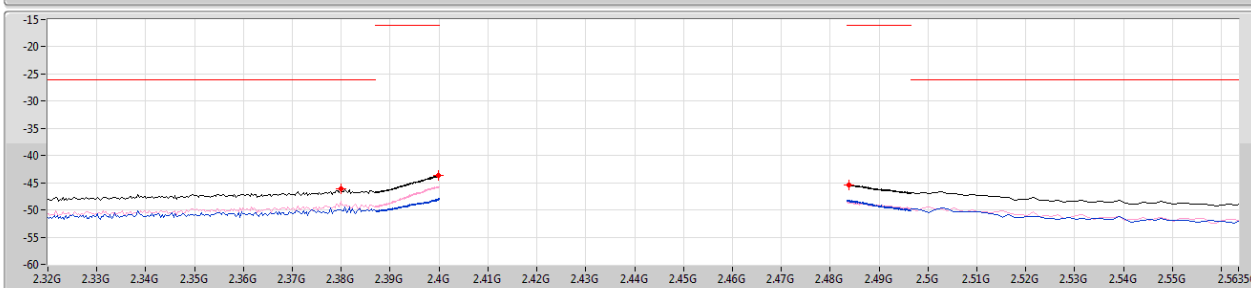
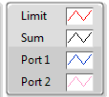
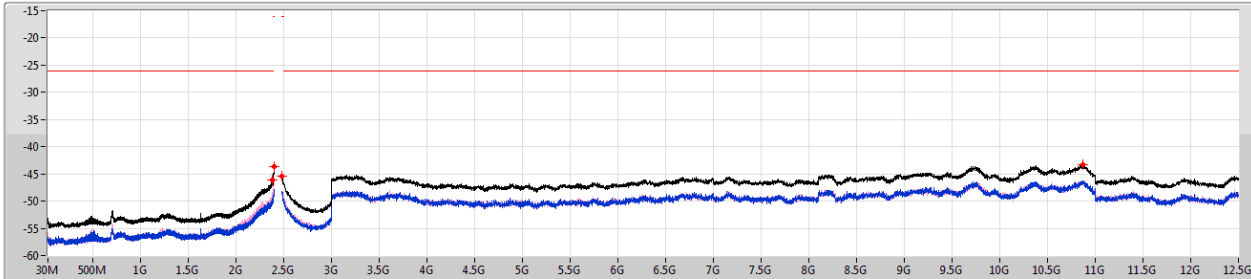
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.387G	-40.92	-26.02	-14.90	-46.04	-42.52
2.387G	2.4G	2.39997G	-37.37	-16.02	-21.35	-41.51	-39.48
2.4835G	2.4965G	2.48353G	-47.21	-16.02	-31.19	-50.42	-50.02
2.4965G	12.5G	10.90819G	-43.34	-26.02	-17.32	-46.29	-46.41

802.11ax HEW40_Nss2,(MCS0)_2TX

CSE-TX

2442MHz_TnomVnom

21/10/2019



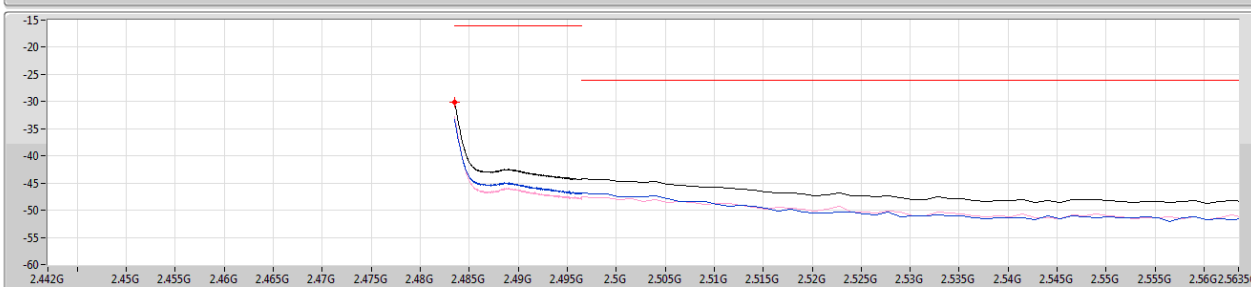
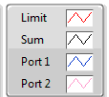
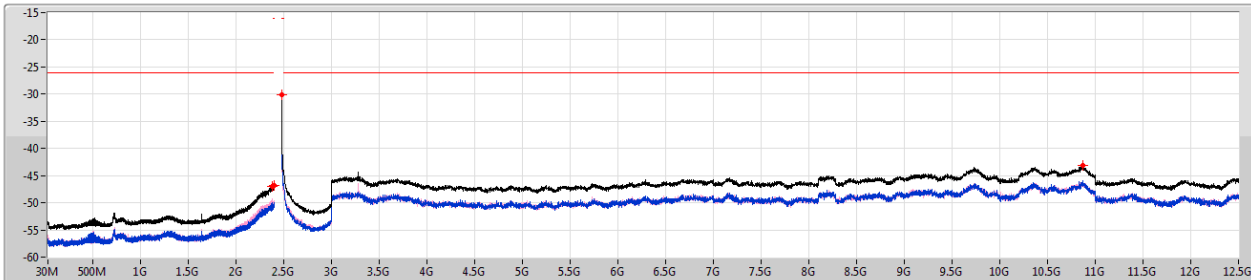
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.37993G	-46.17	-26.02	-20.15	-50.05	-48.45
2.387G	2.4G	2.39992G	-43.69	-16.02	-27.67	-47.91	-45.76
2.4835G	2.4965G	2.48379G	-45.35	-16.02	-29.33	-48.20	-48.53
2.4965G	12.5G	10.86818G	-43.37	-26.02	-17.35	-46.39	-46.38

802.11ax HEW40_Nss2,(MCS0)_2TX

CSE-TX

2462MHz_TnomVnom

21/10/2019



F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	2.387G	2.38464G	-46.97	-26.02	-20.95	-50.79	-49.29
2.387G	2.4G	2.39992G	-46.84	-16.02	-30.82	-50.07	-49.65
2.4835G	2.4965G	2.48353G	-30.19	-16.02	-14.17	-33.46	-32.95
2.4965G	12.5G	10.87443G	-43.04	-26.02	-17.02	-45.99	-46.11



CSE-RX Secondary Emissions Result

Appendix E

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm)	P2 (dBm)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1_2TX	Pass	30M	1G	100k	143.49M	-67.58	-71.26	-66.03	0.2494	-53.98	4
802.11g_Nss1_2TX	Pass	30M	1G	100k	143.25M	-67.01	-72.39	-65.90	0.25674	-53.98	4
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	30M	1G	100k	143.85M	-67.76	-71.36	-66.19	0.24061	-53.98	4
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	30M	1G	100k	143.49M	-67.46	-73.02	-66.39	0.22936	-53.98	4
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	30M	1G	100k	143.49M	-67.87	-71.67	-66.36	0.23138	-53.98	4
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	30M	1G	100k	999.76M	-67.33	-70.86	-65.74	0.26696	-53.98	4



CSE-RX Secondary Emissions Result

Appendix E

Result

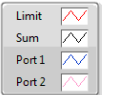
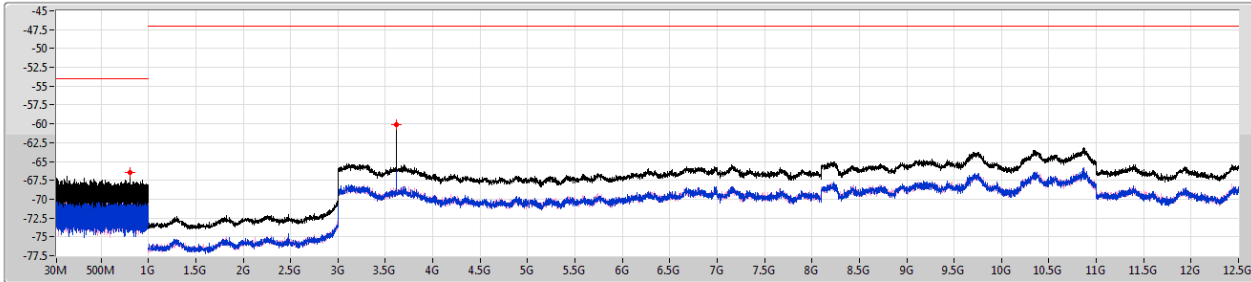
Mode	Result	F-Start (Hz)	F-Stop (Hz)	RBW (Hz)	Freq (Hz)	P1 (dBm)	P2 (dBm)	Psum (dBm)	Psum (nW)	Limit (dBm)	Limit (nW)
802.11b_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	1G	100k	804.91M	-68.87	-70.23	-66.49	0.22456	-53.98	4
2412MHz_TnomVnom	Pass	1G	12.5G	1M	3.61769G	-60.65	-68.91	-60.05	0.98952	-46.99	20
2442MHz_TnomVnom	Pass	30M	1G	100k	143.49M	-67.58	-71.26	-66.03	0.2494	-53.98	4
2442MHz_TnomVnom	Pass	1G	12.5G	1M	3.66225G	-61.85	-69.16	-61.11	0.77447	-46.99	20
2472MHz_TnomVnom	Pass	30M	1G	100k	636.61M	-69.10	-70.85	-66.88	0.20525	-53.98	4
2472MHz_TnomVnom	Pass	1G	12.5G	1M	3.70825G	-60.48	-69.32	-59.95	1.01231	-46.99	20
802.11g_Nss1_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	1G	100k	143.25M	-67.01	-72.39	-65.90	0.25674	-53.98	4
2412MHz_TnomVnom	Pass	1G	12.5G	1M	3.61769G	-60.69	-69.03	-60.10	0.97813	-46.99	20
2442MHz_TnomVnom	Pass	30M	1G	100k	419.33M	-69.42	-70.06	-66.72	0.21292	-53.98	4
2442MHz_TnomVnom	Pass	1G	12.5G	1M	3.66225G	-61.53	-68.79	-60.78	0.8352	-46.99	20
2472MHz_TnomVnom	Pass	30M	1G	100k	80.08M	-70.02	-69.35	-66.66	0.21569	-53.98	4
2472MHz_TnomVnom	Pass	1G	12.5G	1M	3.70825G	-60.78	-68.99	-60.17	0.96179	-46.99	20
802.11ax HEW20_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	1G	100k	143.85M	-67.17	-73.32	-66.23	0.23843	-53.98	4
2412MHz_TnomVnom	Pass	1G	12.5G	1M	3.61769G	-60.77	-68.95	-60.16	0.96488	-46.99	20
2442MHz_TnomVnom	Pass	30M	1G	100k	57.65M	-70.68	-69.61	-67.10	0.1949	-53.98	4
2442MHz_TnomVnom	Pass	1G	12.5G	1M	3.66225G	-62.00	-68.80	-61.18	0.76278	-46.99	20
2472MHz_TnomVnom	Pass	30M	1G	100k	143.85M	-67.76	-71.36	-66.19	0.24061	-53.98	4
2472MHz_TnomVnom	Pass	1G	12.5G	1M	3.70825G	-60.46	-69.03	-59.89	1.02452	-46.99	20
802.11ax HEW40_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	30M	1G	100k	33.27M	-70.51	-68.84	-66.58	0.21954	-53.98	4
2422MHz_TnomVnom	Pass	1G	12.5G	1M	3.63206G	-62.41	-69.10	-61.57	0.69714	-46.99	20
2442MHz_TnomVnom	Pass	30M	1G	100k	164.83M	-68.53	-70.69	-66.47	0.22559	-53.98	4
2442MHz_TnomVnom	Pass	1G	12.5G	1M	3.66225G	-61.81	-68.77	-61.01	0.79191	-46.99	20
2462MHz_TnomVnom	Pass	30M	1G	100k	143.49M	-67.46	-73.02	-66.39	0.22936	-53.98	4
2462MHz_TnomVnom	Pass	1G	12.5G	1M	10.86556G	-66.27	-66.08	-63.16	0.48265	-46.99	20
802.11ax HEW20_Nss2(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	30M	1G	100k	143.49M	-67.53	-72.86	-66.41	0.22836	-53.98	4
2412MHz_TnomVnom	Pass	1G	12.5G	1M	3.61769G	-61.03	-69.01	-60.39	0.91446	-46.99	20
2442MHz_TnomVnom	Pass	30M	1G	100k	143.49M	-67.87	-71.67	-66.36	0.23138	-53.98	4
2442MHz_TnomVnom	Pass	1G	12.5G	1M	3.66225G	-61.83	-69.34	-61.12	0.77256	-46.99	20
2472MHz_TnomVnom	Pass	30M	1G	100k	762.35M	-68.99	-70.97	-66.86	0.20617	-53.98	4
2472MHz_TnomVnom	Pass	1G	12.5G	1M	3.70825G	-60.58	-68.83	-59.97	1.0059	-46.99	20
802.11ax HEW40_Nss2(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	30M	1G	100k	204.24M	-70.18	-68.78	-66.41	0.22837	-53.98	4
2422MHz_TnomVnom	Pass	1G	12.5G	1M	3.63206G	-62.01	-69.18	-61.25	0.75029	-46.99	20
2442MHz_TnomVnom	Pass	30M	1G	100k	143.13M	-67.75	-71.29	-66.16	0.24218	-53.98	4
2442MHz_TnomVnom	Pass	1G	12.5G	1M	3.66225G	-61.52	-68.88	-60.79	0.83411	-46.99	20
2462MHz_TnomVnom	Pass	30M	1G	100k	999.76M	-67.33	-70.86	-65.74	0.26696	-53.98	4
2462MHz_TnomVnom	Pass	1G	12.5G	1M	10.85263G	-65.96	-66.40	-63.16	0.4826	-46.99	20

802.11b_Nss1_2TX

2412MHz_TnomVnom

CSE-RX

21/10/2019



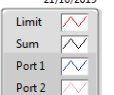
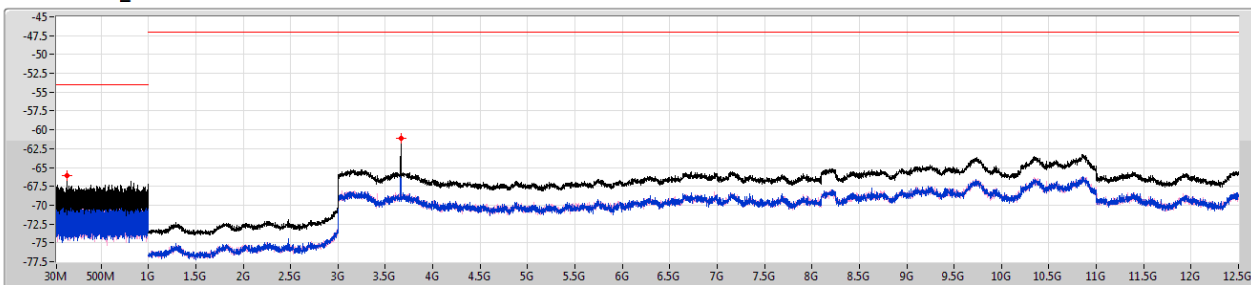
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	804.91M	-66.49	-53.98	-12.51	-68.87	-70.23
1G	12.5G	3.61769G	-60.05	-46.99	-13.06	-60.65	-68.91

802.11b_Nss1_2TX

2442MHz_TnomVnom

CSE-RX

21/10/2019



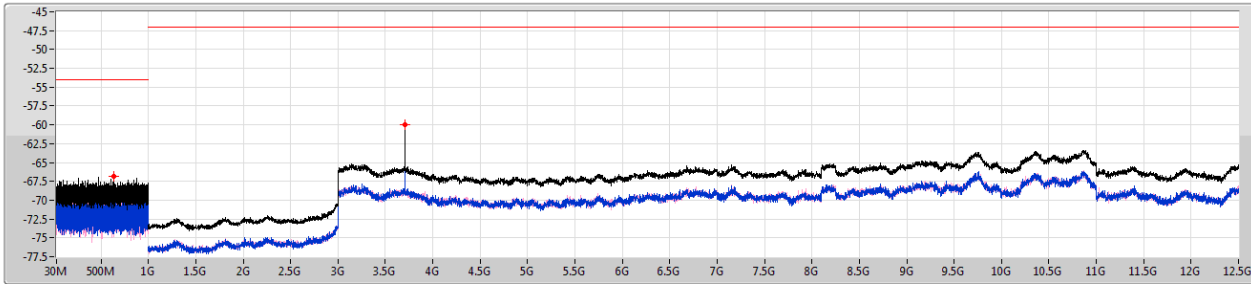
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	143.49M	-66.03	-53.98	-12.05	-67.58	-71.26
1G	12.5G	3.66225G	-61.11	-46.99	-14.12	-61.85	-69.16

802.11b_Nss1_2TX

2472MHz_TnomVnom

CSE-RX

21/10/2019



Limit
Sum
Port 1
Port 2

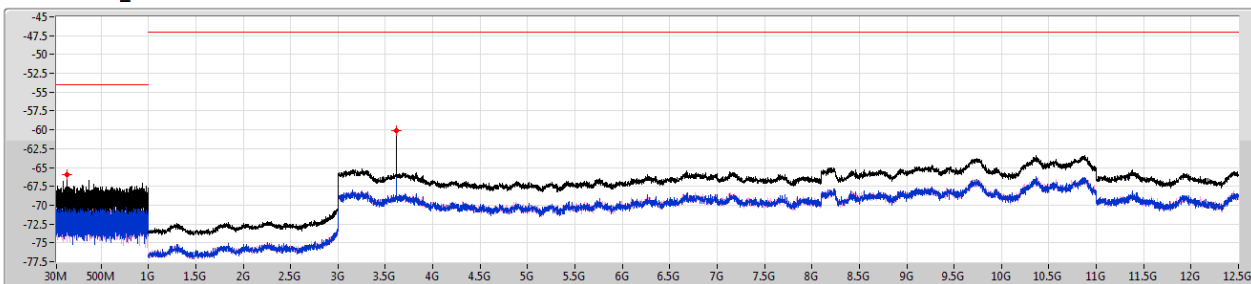
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	636.61M	-66.88	-53.98	-12.90	-69.10	-70.85
1G	12.5G	3.70825G	-59.95	-46.99	-12.96	-60.48	-69.32

802.11g_Nss1_2TX

2412MHz_TnomVnom

CSE-RX

21/10/2019



Limit
Sum
Port 1
Port 2

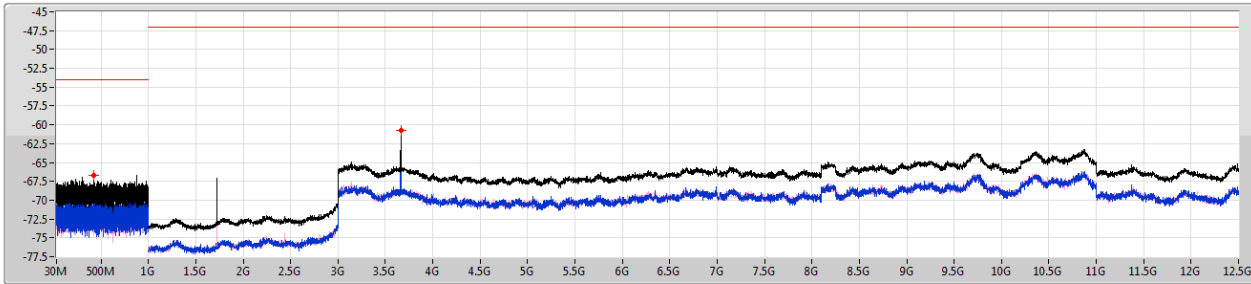
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	143.25M	-65.90	-53.98	-11.92	-67.01	-72.39
1G	12.5G	3.61769G	-60.10	-46.99	-13.11	-60.69	-69.03

802.11g_Nss1_2TX

2442MHz_TnomVnom

CSE-RX

21/10/2019



Limit
Sum
Port 1
Port 2

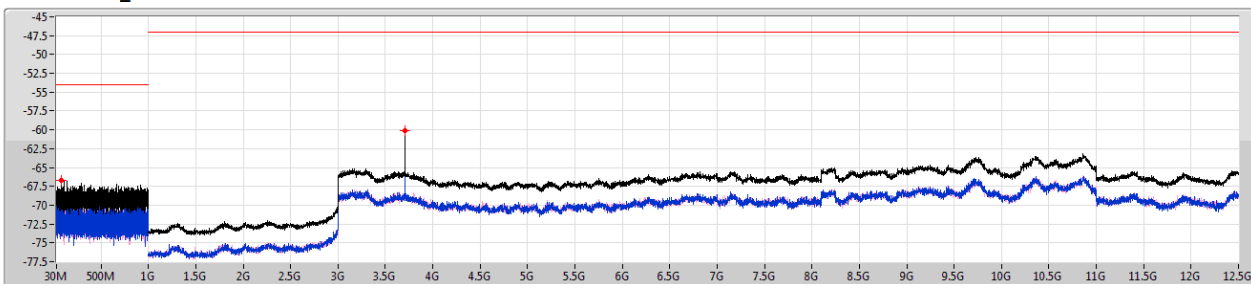
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	419.33M	-66.72	-53.98	-12.74	-69.42	-70.06
1G	12.5G	3.66225G	-60.78	-46.99	-13.79	-61.53	-68.79

802.11g_Nss1_2TX

2472MHz_TnomVnom

CSE-RX

21/10/2019



Limit
Sum
Port 1
Port 2

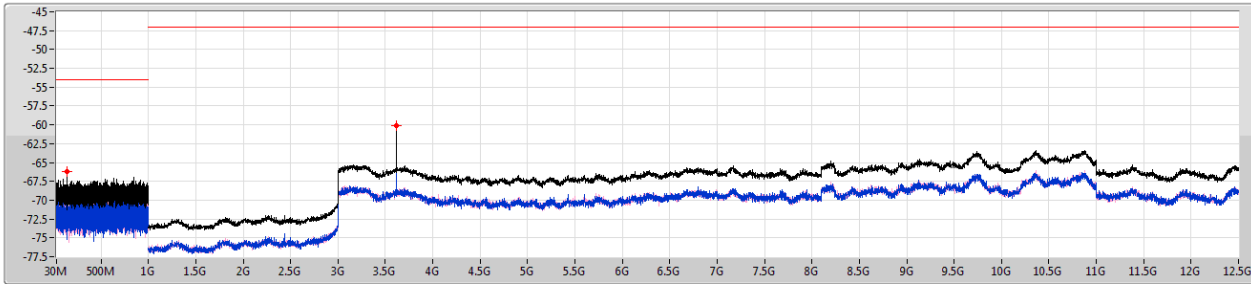
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	80.08M	-66.66	-53.98	-12.68	-70.02	-69.35
1G	12.5G	3.70825G	-60.17	-46.99	-13.18	-60.78	-68.99

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TnomVnom

CSE-RX

21/10/2019



Limit	
Sum	
Port 1	
Port 2	

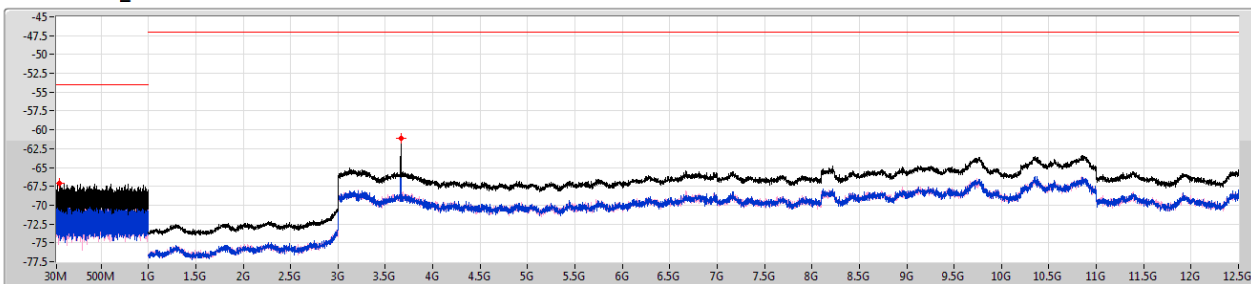
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	143.85M	-66.23	-53.98	-12.25	-67.17	-73.32
1G	12.5G	3.61769G	-60.16	-46.99	-13.17	-60.77	-68.95

802.11ax HEW20_Nss1,(MCS0)_2TX

2442MHz_TnomVnom

CSE-RX

21/10/2019



Limit	
Sum	
Port 1	
Port 2	

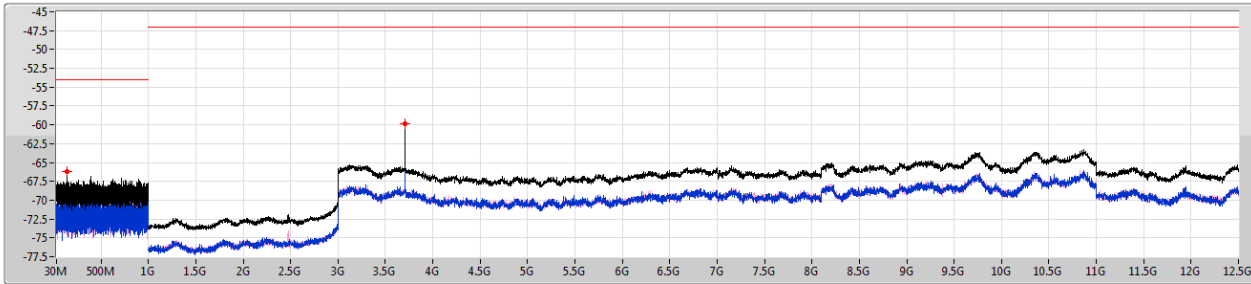
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	57.65M	-67.10	-53.98	-13.12	-70.68	-69.61
1G	12.5G	3.66225G	-61.18	-46.99	-14.19	-62.00	-68.80

802.11ax HEW20_Nss1,(MCS0)_2TX

2472MHz_TnomVnom

CSE-RX

21/10/2019



Limit
Sum
Port 1
Port 2

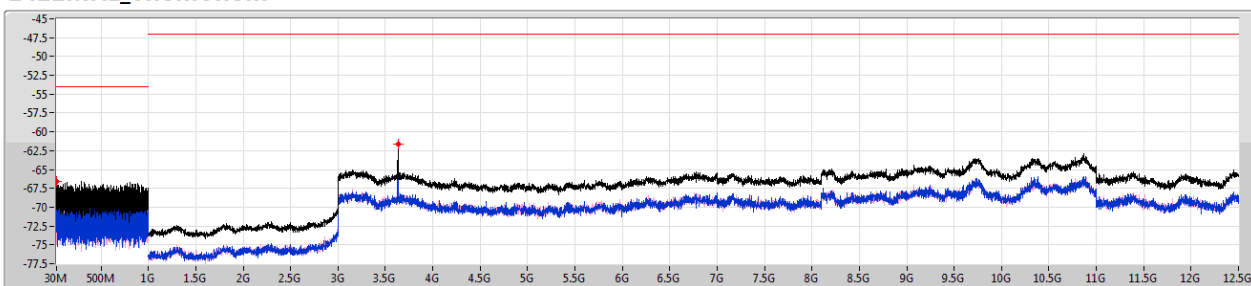
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	143.85M	-66.19	-53.98	-12.21	-67.76	-71.36
1G	12.5G	3.70825G	-59.89	-46.99	-12.90	-60.46	-69.03

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TnomVnom

CSE-RX

21/10/2019



Limit
Sum
Port 1
Port 2

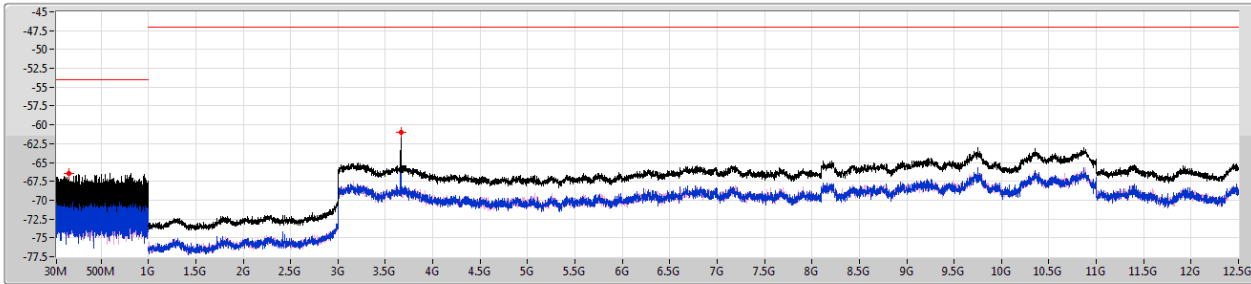
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	33.27M	-66.58	-53.98	-12.60	-70.51	-68.84
1G	12.5G	3.63206G	-61.57	-46.99	-14.58	-62.41	-69.10

802.11ax HEW40_Nss1,(MCS0)_2TX

2442MHz_TnomVnom

CSE-RX

21/10/2019



Limit
Sum
Port 1
Port 2

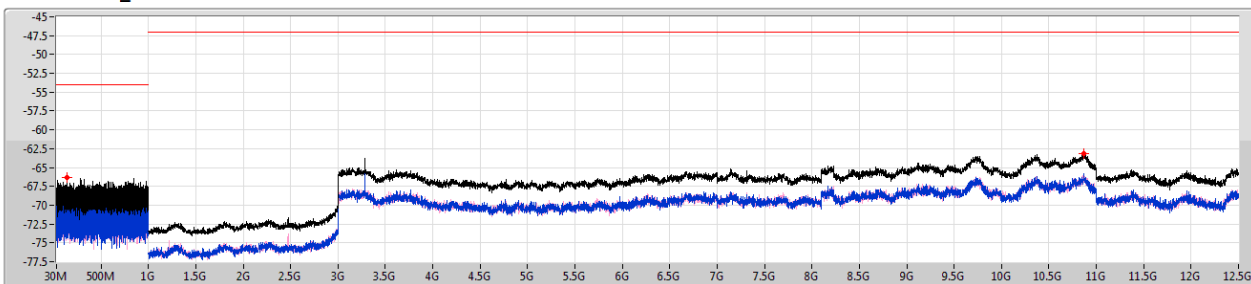
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	164.83M	-66.47	-53.98	-12.49	-68.53	-70.69
1G	12.5G	3.66225G	-61.01	-46.99	-14.02	-61.81	-68.77

802.11ax HEW40_Nss1,(MCS0)_2TX

2462MHz_TnomVnom

CSE-RX

21/10/2019



Limit
Sum
Port 1
Port 2

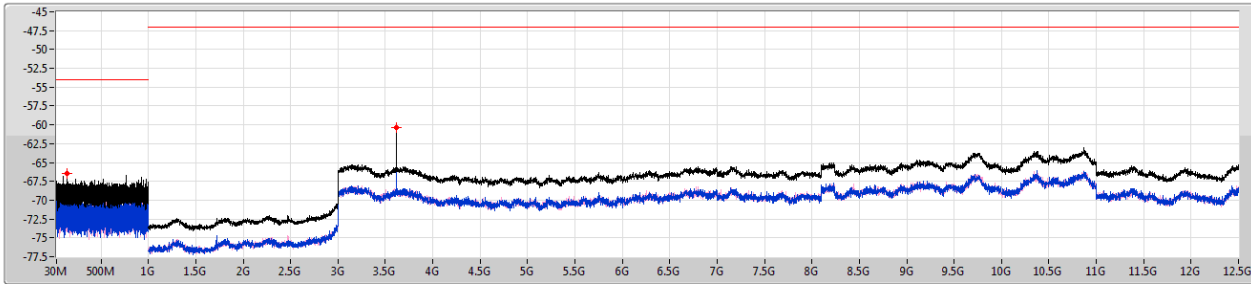
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	143.49M	-66.39	-53.98	-12.41	-67.46	-73.02
1G	12.5G	10.86556G	-63.16	-46.99	-16.17	-66.27	-66.08

802.11ax HEW20_Nss2,(MCS0)_2TX

2412MHz_TnomVnom

CSE-RX

21/10/2019



Limit	
Sum	
Port 1	
Port 2	

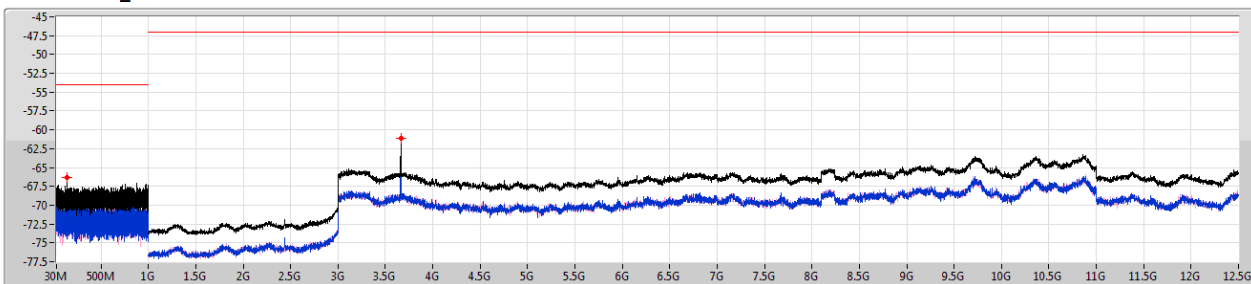
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	143.49M	-66.41	-53.98	-12.43	-67.53	-72.86
1G	12.5G	3.61769G	-60.39	-46.99	-13.40	-61.03	-69.01

802.11ax HEW20_Nss2,(MCS0)_2TX

2442MHz_TnomVnom

CSE-RX

21/10/2019



Limit	
Sum	
Port 1	
Port 2	

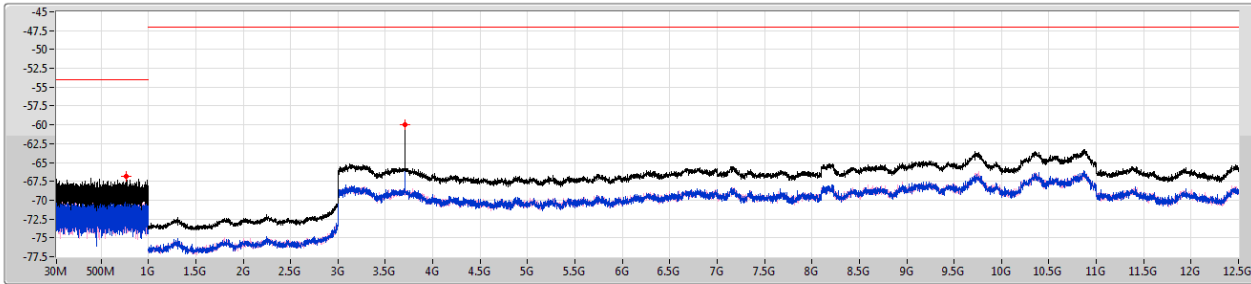
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	143.49M	-66.36	-53.98	-12.38	-67.87	-71.67
1G	12.5G	3.66225G	-61.12	-46.99	-14.13	-61.83	-69.34

802.11ax HEW20_Nss2,(MCS0)_2TX

2472MHz_TnomVnom

CSE-RX

21/10/2019



Limit	
Sum	
Port 1	
Port 2	

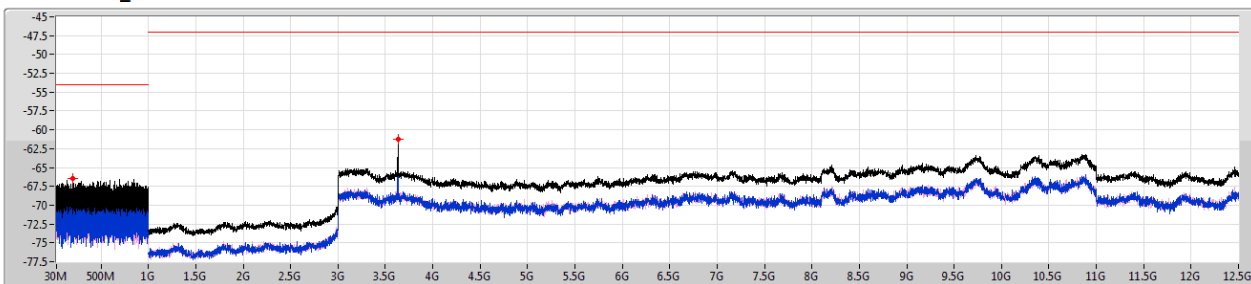
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	762.35M	-66.86	-53.98	-12.88	-68.99	-70.97
1G	12.5G	3.70825G	-59.97	-46.99	-12.98	-60.58	-68.83

802.11ax HEW40_Nss2,(MCS0)_2TX

2422MHz_TnomVnom

CSE-RX

21/10/2019



Limit	
Sum	
Port 1	
Port 2	

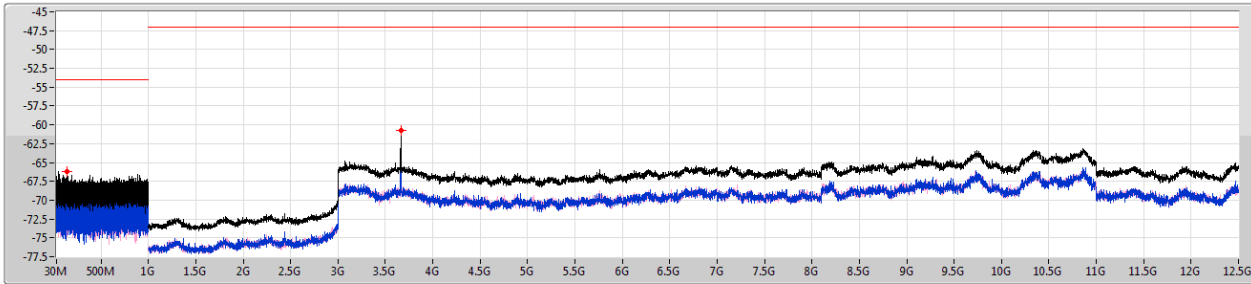
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	204.24M	-66.41	-53.98	-12.43	-70.18	-68.78
1G	12.5G	3.63206G	-61.25	-46.99	-14.26	-62.01	-69.18

802.11ax HEW40_Nss2,(MCS0)_2TX

2442MHz_TnomVnom

CSE-RX

21/10/2019



Limit	
Sum	
Port 1	
Port 2	

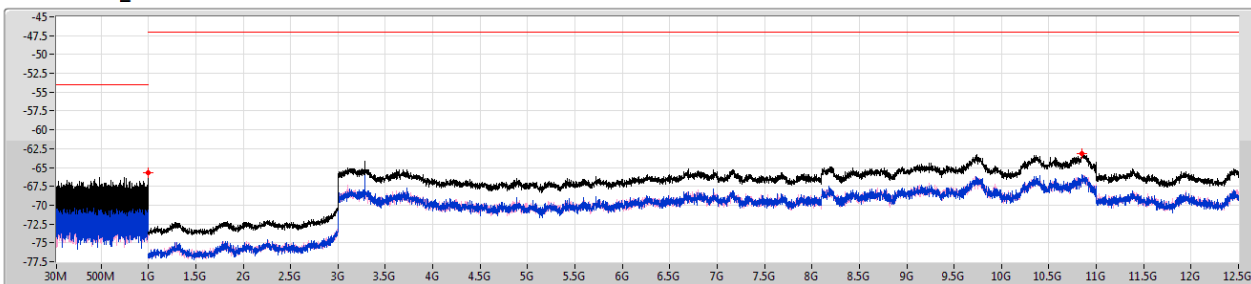
F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	143.13M	-66.16	-53.98	-12.18	-67.75	-71.29
1G	12.5G	3.66225G	-60.79	-46.99	-13.80	-61.52	-68.88

802.11ax HEW40_Nss2,(MCS0)_2TX

2462MHz_TnomVnom

CSE-RX

21/10/2019



Limit	
Sum	
Port 1	
Port 2	

F-Start(Hz)	F-Stop(Hz)	Freq(Hz)	Psum(dBm)	Limit(dBm)	Margin(dB)	P1(dBm)	P2(dBm)
30M	1G	999.76M	-65.74	-53.98	-11.76	-67.33	-70.86
1G	12.5G	10.85263G	-63.16	-46.99	-16.17	-65.96	-66.40



Interference Prevention Function Result

Appendix F

Summary

Mode	Result	MAC	ID Length	ID Limit	Function
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1_2TX	Pass	00:90:4C:32:B0:00	48 bits	48 bits	Good
802.11g_Nss1_2TX	Pass	00:90:4C:32:B0:00	48 bits	48 bits	Good
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	00:90:4C:32:B0:00	48 bits	48 bits	Good
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	00:90:4C:32:B0:00	48 bits	48 bits	Good
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	00:90:4C:32:B0:00	48 bits	48 bits	Good
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	00:90:4C:32:B0:00	48 bits	48 bits	Good



Interference Prevention Function Result

Appendix F

Result

Mode	Result	ID Length	ID Limit	Function
802.11b_Nss1_2TX	-	-	-	-
2412MHz_TnomVnom	Pass	48 bits	48 bits	Good
2442MHz_TnomVnom	Pass	48 bits	48 bits	Good
2472MHz_TnomVnom	Pass	48 bits	48 bits	Good
802.11g_Nss1_2TX	-	-	-	-
2412MHz_TnomVnom	Pass	48 bits	48 bits	Good
2442MHz_TnomVnom	Pass	48 bits	48 bits	Good
2472MHz_TnomVnom	Pass	48 bits	48 bits	Good
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-
2412MHz_TnomVnom	Pass	48 bits	48 bits	Good
2442MHz_TnomVnom	Pass	48 bits	48 bits	Good
2472MHz_TnomVnom	Pass	48 bits	48 bits	Good
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-
2422MHz_TnomVnom	Pass	48 bits	48 bits	Good
2442MHz_TnomVnom	Pass	48 bits	48 bits	Good
2462MHz_TnomVnom	Pass	48 bits	48 bits	Good
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-
2412MHz_TnomVnom	Pass	48 bits	48 bits	Good
2442MHz_TnomVnom	Pass	48 bits	48 bits	Good
2472MHz_TnomVnom	Pass	48 bits	48 bits	Good
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-
2422MHz_TnomVnom	Pass	48 bits	48 bits	Good
2442MHz_TnomVnom	Pass	48 bits	48 bits	Good
2462MHz_TnomVnom	Pass	48 bits	48 bits	Good



Carrier Sensing Function Result

Appendix G

Summary

Mode	Result	Interference Pin (dBm)	Function
2.4-2.4835GHz	-	-	-
802.11b_Nss1_2TX	Pass	OBW<26MHz	w/o test
802.11g_Nss1_2TX	Pass	OBW<26MHz	w/o test
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	OBW<26MHz	w/o test
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	Undefined	Good
802.11ax HEW20_Nss2,(MCS0)_2TX	Pass	OBW<26MHz	w/o test
802.11ax HEW40_Nss2,(MCS0)_2TX	Pass	Undefined	Good



Carrier Sensing Function Result

Appendix G

Result

Mode	Result	Interference Pin (dBm)	Function
802.11b_Nss1_2TX	-	-	-
2412MHz_TnomVnom	Pass	OBW<26MHz	w/o test
2442MHz_TnomVnom	Pass	OBW<26MHz	w/o test
2472MHz_TnomVnom	Pass	OBW<26MHz	w/o test
802.11g_Nss1_2TX	-	-	-
2412MHz_TnomVnom	Pass	OBW<26MHz	w/o test
2442MHz_TnomVnom	Pass	OBW<26MHz	w/o test
2472MHz_TnomVnom	Pass	OBW<26MHz	w/o test
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-
2412MHz_TnomVnom	Pass	OBW<26MHz	w/o test
2442MHz_TnomVnom	Pass	OBW<26MHz	w/o test
2472MHz_TnomVnom	Pass	OBW<26MHz	w/o test
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-
2422MHz_TnomVnom	Pass	Undefined	Good
2442MHz_TnomVnom	Pass	Undefined	Good
2462MHz_TnomVnom	Pass	Undefined	Good
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-
2412MHz_TnomVnom	Pass	OBW<26MHz	w/o test
2442MHz_TnomVnom	Pass	OBW<26MHz	w/o test
2472MHz_TnomVnom	Pass	OBW<26MHz	w/o test
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-
2422MHz_TnomVnom	Pass	Undefined	Good
2442MHz_TnomVnom	Pass	Undefined	Good
2462MHz_TnomVnom	Pass	Undefined	Good