

ISED Test Report

IC : 3147A-VEDAIF913
Equipment : 802.11ax Wi-Fi 6E + BT5.4 Module
Model No. : Veda IF913
Brand Name : Ezurio
Applicant : Ezurio LLC
Address : W66N220 Commerce Court, Cedarburg, WI
53012 United States Of America
Manufacturer : Ezurio LLC
Address : W66N220 Commerce Court, Cedarburg, WI
53012 United States Of America
Standard : RSS-247 Issue 4 July 2025
Received Date : Jan. 12, 2026
Tested Date : Feb. 13 ~ Mar. 03, 2026

We, International Certification Corporation, 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 shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:

Approved by:

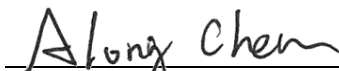

Along Chen / Manager
Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
CR611202AC	Rev. 01	Initial issue	Jun. 15, 2026

Summary of Test Results

IC Rules	Test Items	Measured	Result
RSS-Gen Section 8.8	AC Power Line Conducted Emission	[dBuV]: 0.447MHz 35.64 (Margin -11.29dB) - AV	Pass
RSS-247 Section 6.6 RSS-Gen Section 8.9	Unwanted Emissions	[dBuV/m at 3m]: 69.00MHz 36.46 (Margin -3.54dB) - PK	Pass
RSS-247 Section 6.3.2	Output Power	Max Power [dBm]: 24.77	Pass
RSS-247 Section 6.3.1 (a)	6dB Bandwidth	Meet the requirement of limit	Pass
RSS-247 Section 6.3.1 (b)	Power Spectral Density	Meet the requirement of limit	Pass
N/A	Antenna Requirement	Meet the requirement of limit	Pass

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

Model Name	Part No.	Product Name	Description
Veda IF913	453-00400	802.11ax Wi-Fi 6E + BT5.4 Module	Module, Veda IF913, SIP, Tri Band, No Embedded Memory, RF Trace Pin
	453-00401		Module, Veda IF913, SIP, Tri Band, Embedded Ext. Memory, 8M PSRAM, 8M Flash, RF Trace Pin

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	IEEE Std. 802.11	Ch. Freq. (MHz)	Channel Number	Transmit Chains (N _{TX})	Data Rate / MCS
2400-2483.5	b	2412-2462	1-11 [11]	1	1-11 Mbps
2400-2483.5	g	2412-2462	1-11 [11]	1	6-54 Mbps
2400-2483.5	n (HT20)	2412-2462	1-11 [11]	1	MCS 0-7
2400-2483.5	ax (HE20)	2412-2462	1-11 [11]	1	MCS 0-11
Note 1: RF output power specifies that Maximum Peak Conducted Output Power. Note 2: DSSS-DBPSK, DQPSK, CCK modulation OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation. Note 3: 802.11ax supports full RU and partial RU configuration. Test results of full RU configuration are recorded in this report. Refers to report no.: CR611202-1AC for test results of partial RU configuration.					

1.1.3 Antenna Details

Integrated Antenna

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
Yageo / Chip Antenna	ANT1608LL1 4R2460A	Chip	NA	2.3	0.1	0.1	1.8	2.5

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)			
				5925~6425	6425~6525	6525~6875	6875~7125
Yageo / Chip Antenna	ANT1608LL1 4R2460A	Chip	NA	2.7	3.3	2.8	3.4

External Antenna

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
Ezurio / FlexMIMO 6E	EFD2471A3S-10MH4L	PIFA	MHF4L	2.2	3.8	3.8	3.8	3.8
Ezurio / FlexPIFA 6E	EFB2471A3S-10MH4L	PIFA	MHF4L	2.2	3.9	3.9	3.9	3.9
Ezurio / Mini NanoBlade Flex 6GHz	EMF2471A3S-10MH4L	PCB Dipole	MHF4L	2.4	4.4	4.4	4.4	4.4
Joymax Electronics / Dipole 6E	TWX-100BR S3B	Dipole	RP-SMA	2	4	4	4	4
Ezurio / FlexPIFA Dual Band	001-0021	PIFA	IPEX MHF4L	2.5	3	3	3	3
Ezurio / FlexPIFA Dual Band	EFB2455A3S-15MH4L	PIFA	MHF1	2.5	3	3	3	3

Brand / Model	Part Number	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)			
				5925~6425	6425~6525	6525~6875	6875~7125
Ezurio / FlexMIMO 6E	EFD2471A3S-10MH4L	PIFA	MHF4L	3.3	3.3	3.3	3.3
Ezurio / FlexPIFA 6E	EFB2471A3S-10MH4L	PIFA	MHF4L	3.8	3.8	3.8	3.8
Ezurio / Mini NanoBlade Flex 6GHz	EMF2471A3S-10MH4L	PCB Dipole	MHF4L	5.2	5.2	5.2	5.2
Joymax Electronics / Dipole 6E	TWX-100BR S3B	Dipole	RP-SMA	4	4	4	4

1.1.4 Configuration of Equipment under Test (EUT)

Power Supply Type	3.3Vdc from host		
RU Configuration	☒ Full RU	☒ Partial RU	

1.1.5 Test Sample Information

Serial Number of Test Sample	Radiated Emission: 00037 AC Power Line Conducted Emission: 00037 Antenna Port Conducted: 00037
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1.1.6 Channel List

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

1.1.7 Test Tool and Duty Cycle

Test Tool	GNOME Terminal, Version: 3.52.0		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11b	99.83%	0.01
	11g	98.70%	0.06
	HT20	98.57%	0.06
	ax HE20-OFDMA	96.67%	0.15

1.1.8 Power Index of Test Tool

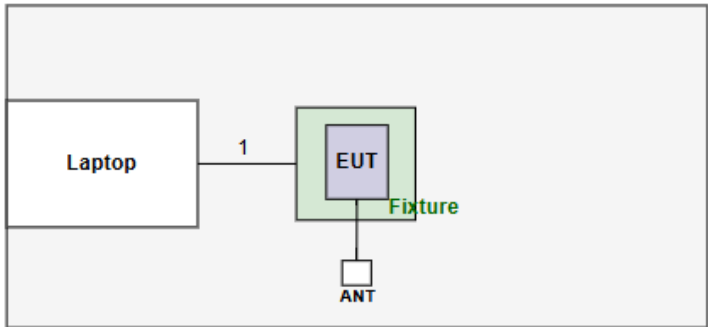
Modulation Mode	Test Frequency (MHz)	Power Index
11b	2412	72
11b	2437	74
11b	2457	73
11b	2462	72
11g	2412	66
11g	2417	68
11g	2422	70
11g	2427	72
11g	2437	74
11g	2442	74
11g	2447	71
11g	2452	69
11g	2457	66
11g	2462	62
HT20	2412	48
HT20	2417	62
HT20	2422	65
HT20	2427	70
HT20	2432	72
HT20	2437	72
HT20	2442	72
HT20	2447	69
HT20	2452	66
HT20	2457	61
HT20	2462	46
ax HE20-OFDMA	2412	48
ax HE20-OFDMA	2417	62
ax HE20-OFDMA	2422	65
ax HE20-OFDMA	2427	70
ax HE20-OFDMA	2432	72
ax HE20-OFDMA	2437	72
ax HE20-OFDMA	2442	72
ax HE20-OFDMA	2447	69
ax HE20-OFDMA	2452	66

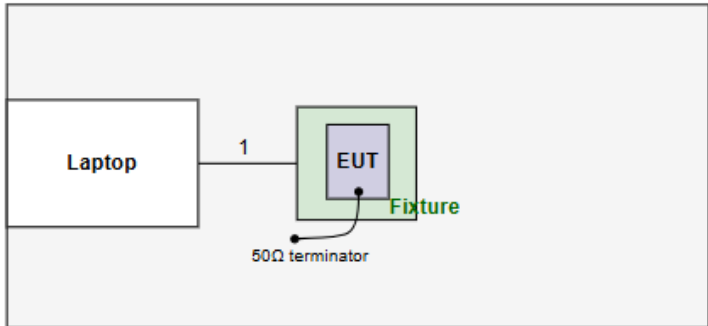
ax HE20-OFDMA	2457	61
ax HE20-OFDMA	2462	46

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Laptop	Lenovo	ThinkPad X230	DoC	---
2	Fixture	---	---	---	Provided by applicant.
3	50 ohm load	woken	WTER-18S2	---	---

1.3 Test Setup Chart

Test Setup Diagram (Conducted Emission)	
	
No.	Signal cable / Length (m)
1	USB, 1m shielded.

Test Setup Diagram (Radiated Emission)	
	
No.	Signal cable / Length (m)
1	USB, 1m shielded.

1.4 The Equipment List

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Feb. 23 ~ Feb. 26, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 09, 2025	Jun. 08, 2026
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2025	Nov. 20, 2026
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2025	Nov. 20, 2026
Attenuator	Pasternack	PE7005-10	10-2	Oct. 03, 2025	Oct. 02, 2026
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Feb. 13 ~ Feb. 28, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101498	Nov. 06, 2025	Nov. 05, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2025	Nov. 16, 2026
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Sep. 05, 2025	Sep. 04, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 19, 2025	Dec. 18, 2026
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 28, 2025	Nov. 27, 2026
Preamplifier	EMC	EMC02325	980225	Jun. 13, 2025	Jun. 12, 2026
Preamplifier	EMC	EMC118A45SE	980898	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	EMC	EMC184045SE	980903	Aug. 08, 2025	Aug. 07, 2026
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 01, 2025	Sep. 30, 2026
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 01, 2025	Sep. 30, 2026
LF cable 11M	EMC	EMCCFD400-NW-N W-11000	200801	Oct. 01, 2025	Sep. 30, 2026
LF cable 1M	EMC	EMCCFD400-NM-N M-1000	160502	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 01, 2025	Sep. 30, 2026
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 01, 2025	Sep. 30, 2026
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 01, 2025	Sep. 30, 2026
Attenuator	Pasternack	PE7005-10	10-1	Oct. 01, 2025	Sep. 30, 2026
HIGHPASS FILTER 3.1-18G	WHK	WHK3.1/18G-10SS	39	Oct. 01, 2025	Sep. 30, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Mar. 03, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 26, 2026	Feb. 25, 2027
LISN	R&S	ENV216	101579	May. 07, 2025	May. 06, 2026
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Mar. 21, 2025	Mar. 20, 2026
RF Cable-CON	EMC	EMCCFD300-BM-B M-6000	50821	Oct. 07, 2025	Oct. 06, 2026
50 ohm terminal	NA	50	3	Jul. 30, 2025	Jul. 29, 2026
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

RSS-247 Issue 4 July 2025

RSS-Gen Issue 5 February 2021 Amendment 2

ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024

ANSI C63.4-2014 + C63.4a-2017

1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor ($k=2$)).

Measurement Uncertainty	
Parameters	Uncertainty
Bandwidth	± 34.130 Hz
Conducted power	± 0.808 dB
Power density	± 0.583 dB
Conducted emission	± 2.715 dB
AC conducted emission	± 2.92 dB
Unwanted Emission ≤ 1 GHz	± 3.41 dB
Unwanted Emission > 1 GHz	± 4.59 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test method	Mode	Note
AC Power Line Conducted Emission	11b	2437	1Mbps	Conducted	TX	---
Unwanted Emissions ≤ 1GHz	11b	2437	1Mbps	Radiated	TX	Note 2
Unwanted Emissions >1GHz	11b 11g HT20 ax HE20-OFDMA	2412 / 2437 / 2462 2412 / 2437 / 2462 2412 / 2437 / 2462 2412 / 2437 / 2462	1 Mbps 6 Mbps MCS 0 MCS 0	Radiated	TX	Note 2
Unwanted Emissions ≤ 1GHz	ax HE20-OFDMA	2437	MCS0	Conducted	TX	---
Unwanted Emissions >1GHz Output Power	11b	2412 / 2437 / 2457 / 2462	1 Mbps	Conducted	TX	---
	11g	2412 / 2417 / 2422 / 2427 / 2437 / 2442 / 2447 / 2452 / 2457 / 2462	6 Mbps			
	HT20	2412 / 2417 / 2422 / 2427 / 2432 / 2437 / 2442 / 2447 / 2452 / 2457 / 2462	MCS 0			
	ax HE20-OFDMA	2412 / 2417 / 2422 / 2427 / 2432 / 2437 / 2442 / 2447 / 2452 / 2457 / 2462	MCS 0			
6dB bandwidth Power spectral density	11b 11g HT20 ax HE20-OFDMA	2412 / 2437 / 2462 2412 / 2437 / 2462 2412 / 2437 / 2462 2412 / 2437 / 2462	1 Mbps 6 Mbps MCS 0 MCS 0	Conducted	TX	---

NOTE:

- The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **Y-plane** result was found as the worst case and was shown in this report.
- The 50Ω terminator is connected to antenna port of EUT for radiated emission measurement.
- Two skus had been covered during the pretest and found that **Part No. 453-00401** was the worst case and was selected for the final test. (sku 1: Part No. 453-00400, sku 2: Part No. 453-00401)

3 Transmitter Test Results

3.1 6dB and Occupied Bandwidth

3.1.1 Limit of 6dB Bandwidth

The minimum 6dB bandwidth shall be at least 500 kHz.

3.1.2 Test Procedures

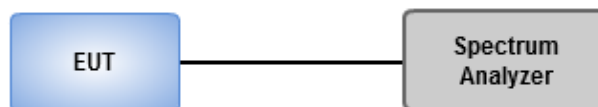
6dB Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Peak, Trace mode = max hold.
3. Sweep = No faster than coupled (auto) time, Allow the trace to stabilize.
4. Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value

Occupied Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Sample, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Use the OBW measurement function of spectrum analyzer to measure the occupied bandwidth.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	21-23°C / 61-65%	Tested By	Roger Lu
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Refer to Appendix A.

3.2 Output Power

3.2.1 Limit of Conducted Output Power and E.I.R.P

The maximum peak conducted output power shall not exceed 1W, and the e.i.r.p. shall not exceed 4 W

3.2.2 Test Procedures

A broadband RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.

3.2.3 Test Setup



3.2.4 Test Results

Ambient Condition	21-23°C / 61-65%	Tested By	Roger Lu
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Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

3.3.2 Test Procedures

Peak PSD

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = Peak, Sweep time = auto couple.
3. Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

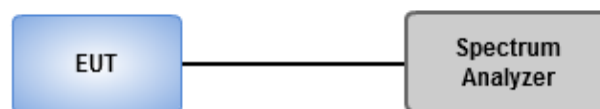
Average PSD, duty cycle $\geq 98\%$

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = RMS, Sweep time = auto couple.
3. Sweep time = auto couple.
4. Employ trace averaging (RMS) mode over a minimum of 100 traces.
5. Use the peak marker function to determine the maximum amplitude level.

Average PSD, duty cycle $< 98\%$

1. Set the RBW = 3 kHz, VBW = 10 kHz
2. Detector = RMS, Sweep time = auto couple.
3. Sweep time = auto couple.
4. Employ trace averaging (RMS) mode over a minimum of 100 traces.
5. Use the peak marker function to determine the maximum amplitude level.
6. Add $10 \log (1/x)$, where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	21-23°C / 61-65%	Tested By	Roger Lu
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Refer to Appendix C.

3.4 Unwanted Emissions into Restricted Frequency Bands

3.4.1 Limit of Unwanted Emissions into Restricted Frequency Bands

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:
Quasi-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit

Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.4.2 Test Procedures

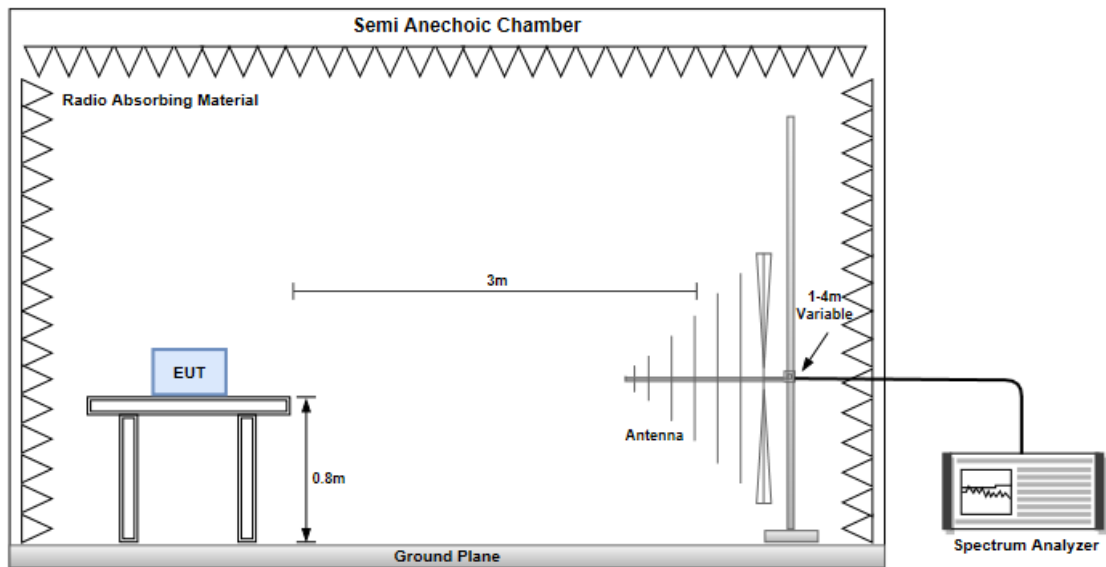
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

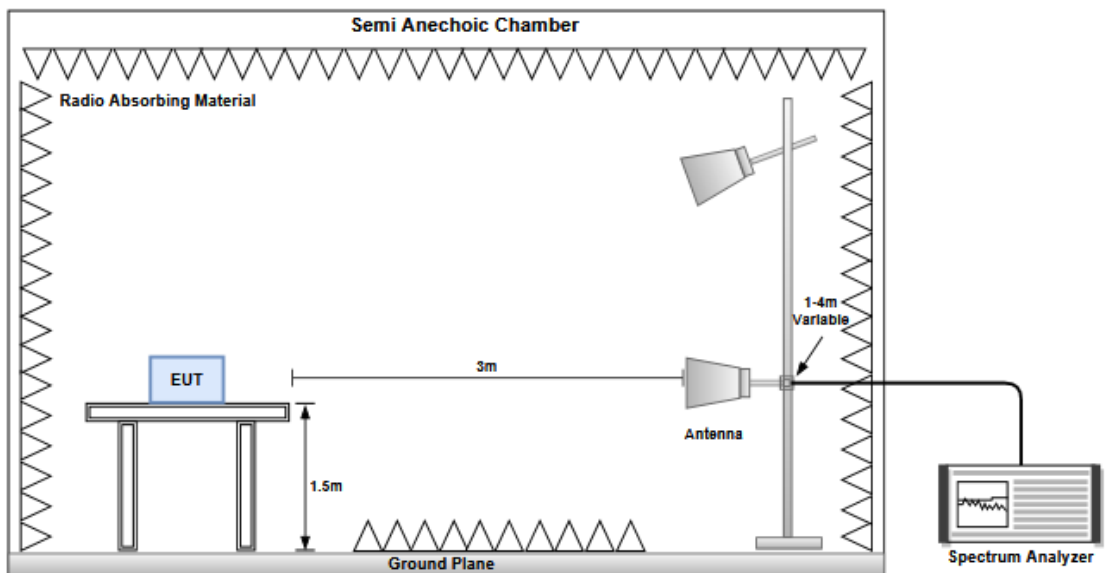
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Emissions in Non-Restricted Frequency Bands

3.5.1 Emissions in Non-Restricted Frequency Bands Limit

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.5.2 Test Procedures

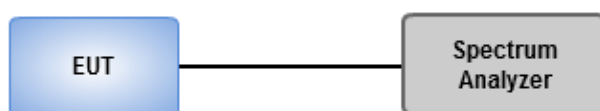
Reference level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 25GHz
4. Use the peak marker function to determine the maximum amplitude level

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	21-23°C / 61-65%	Tested By	Roger Lu
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Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

3.6.1 Limit of AC Power Line Conducted Emissions

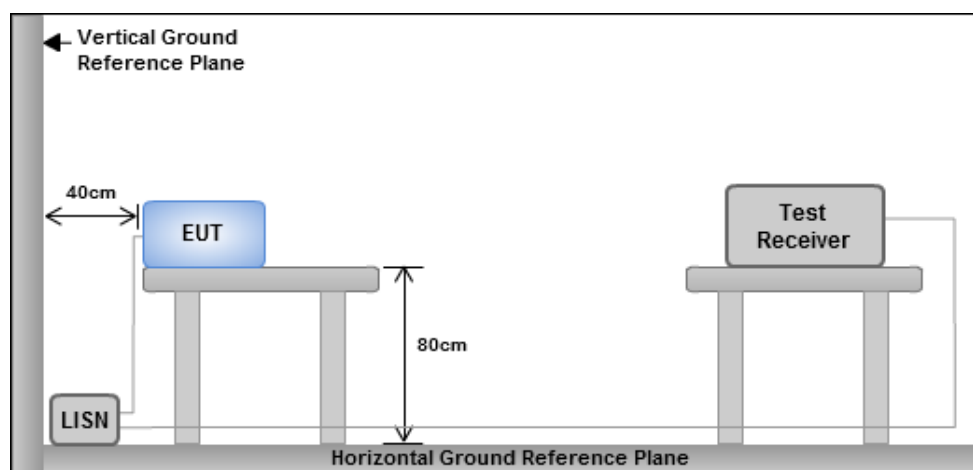
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

Note 1: * Decreases with the logarithm of the frequency.

3.6.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V / 60Hz.

3.6.3 Test Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 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 Corporation (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 <https://www.icertifi.com.tw>.

Linkou

Tel: 886-2-2601-1640

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

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)
No.2-1, Lane 6, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd
St., Kwei Shan Dist., Tao Yuan
City 33381, Taiwan (R.O.C.)

Zhonghe

Tel: 886-2-2222-0288

1F, No. 6, Jiankang Road, Zhonghe
District, New Taipei City 235045,
Taiwan (R.O.C.)

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

Tel: 886-3-271-8666

Fax: 886-3-318-0345

Email: ICC_Service@icertifi.com.tw

==END==

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	8.075M	12.597M	12M6G1D	8.075M	12.176M
802.11g_Nss1,(6Mbps)_1TX	15.9M	17.294M	17M3D1D	15.875M	16.584M
802.11n HT20_Nss1,(MCS0)_1TX	17.125M	17.856M	17M9D1D	16.925M	17.72M
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	18.825M	19.118M	19M1D1D	18.7M	18.902M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.075M	12.384M
2437MHz	Pass	500k	8.075M	12.597M
2462MHz	Pass	500k	8.075M	12.176M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15.9M	16.584M
2437MHz	Pass	500k	15.9M	17.294M
2462MHz	Pass	500k	15.875M	16.593M
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	16.925M	17.72M
2437MHz	Pass	500k	17.125M	17.856M
2462MHz	Pass	500k	17.1M	17.731M
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-
2412MHz	Pass	500k	18.825M	18.902M
2437MHz	Pass	500k	18.7M	19.118M
2462MHz	Pass	500k	18.8M	18.912M

Port X-N dB = Port X 6dB down bandwidth;

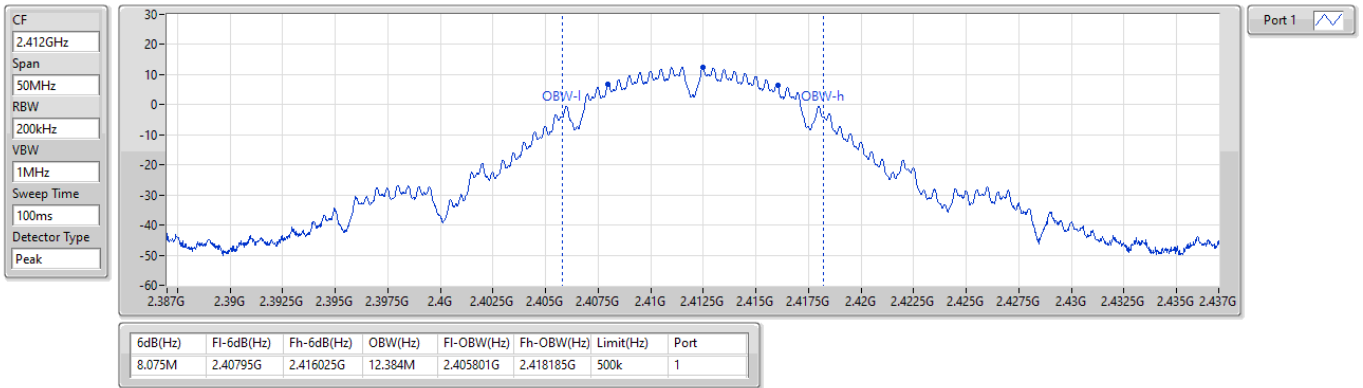
Port X-OBW = Port X 99% occupied bandwidth



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

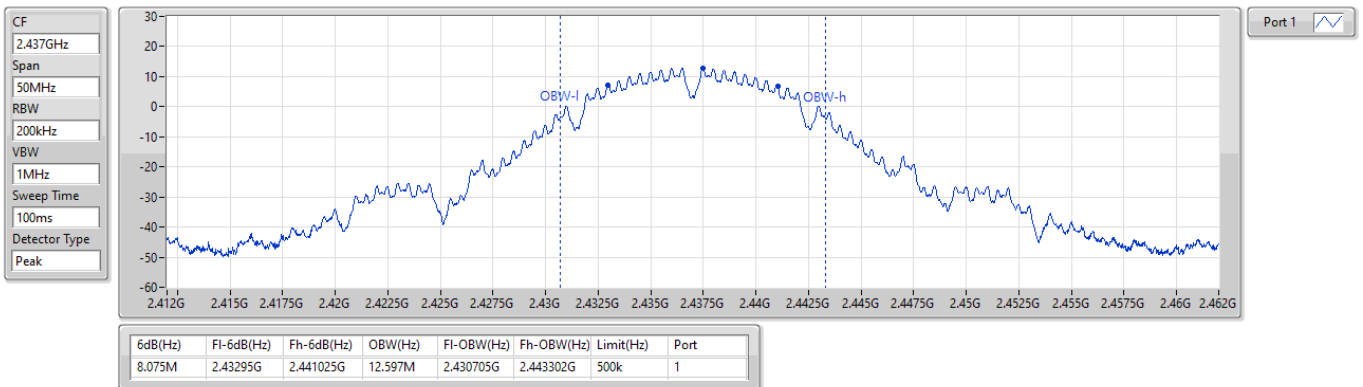
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

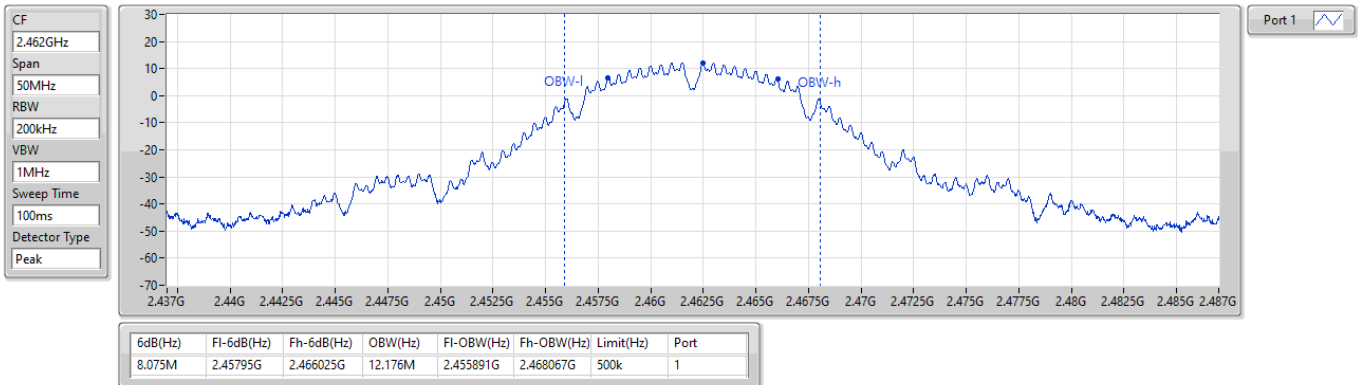




2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

EBW

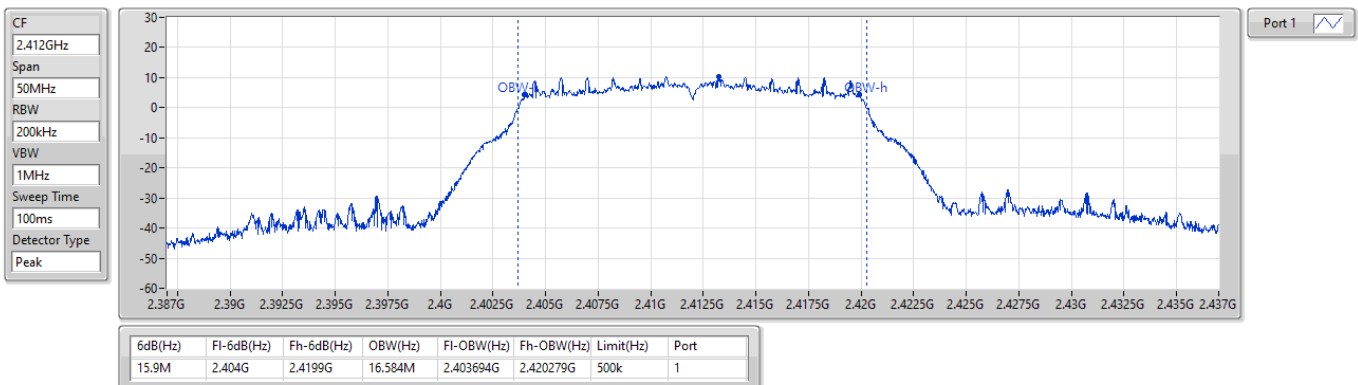
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

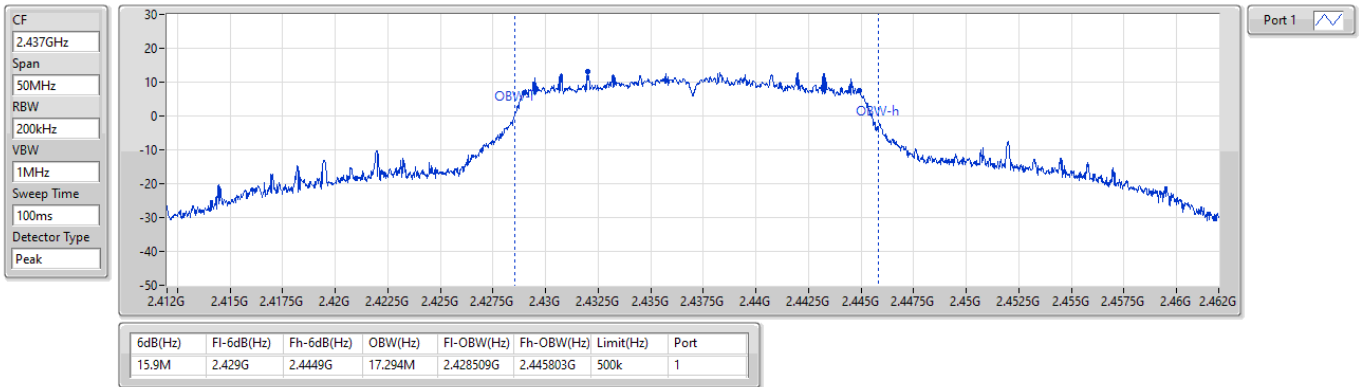
2412MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

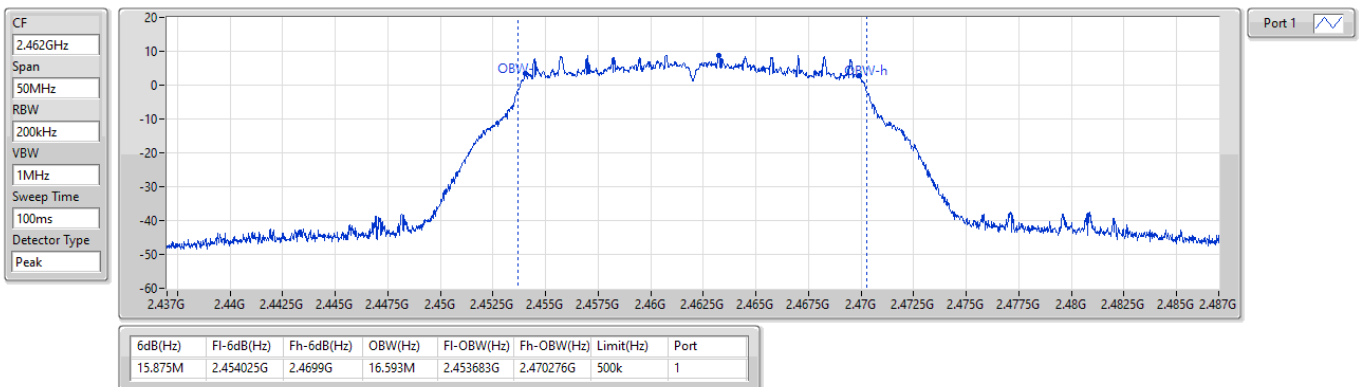
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

EBW

2462MHz

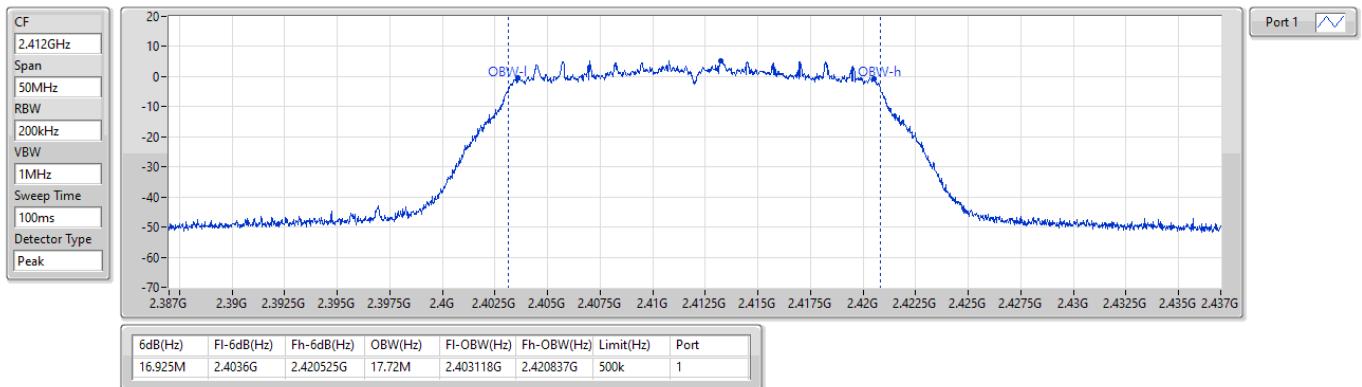




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

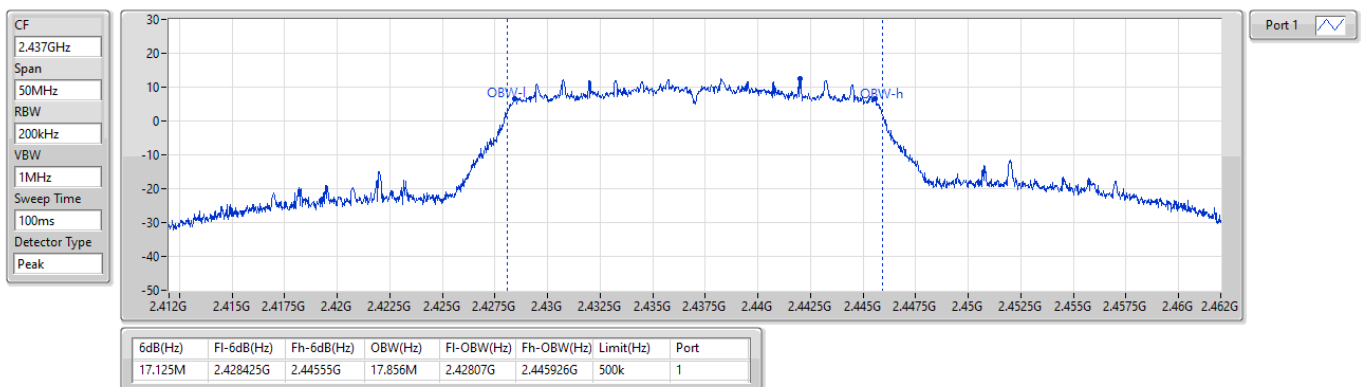
2412MHz



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

2437MHz

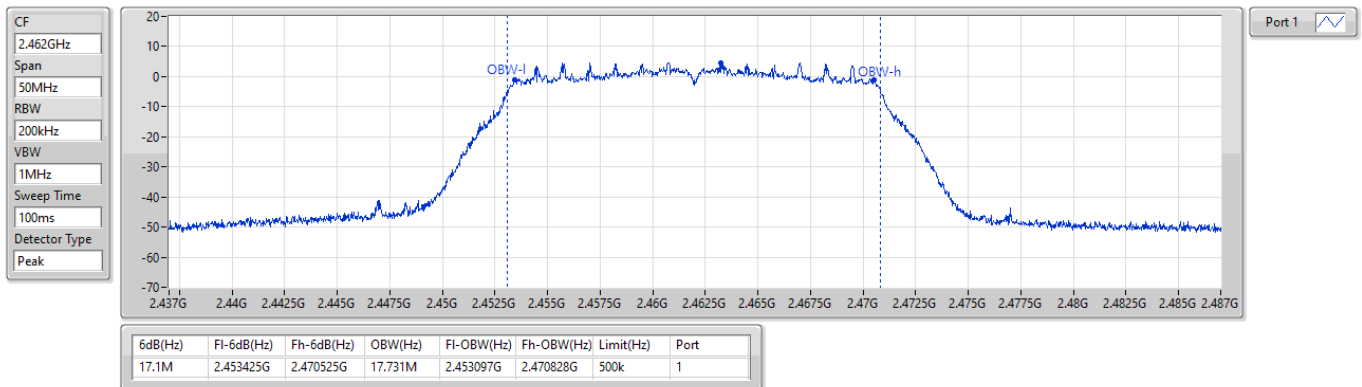




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

EBW

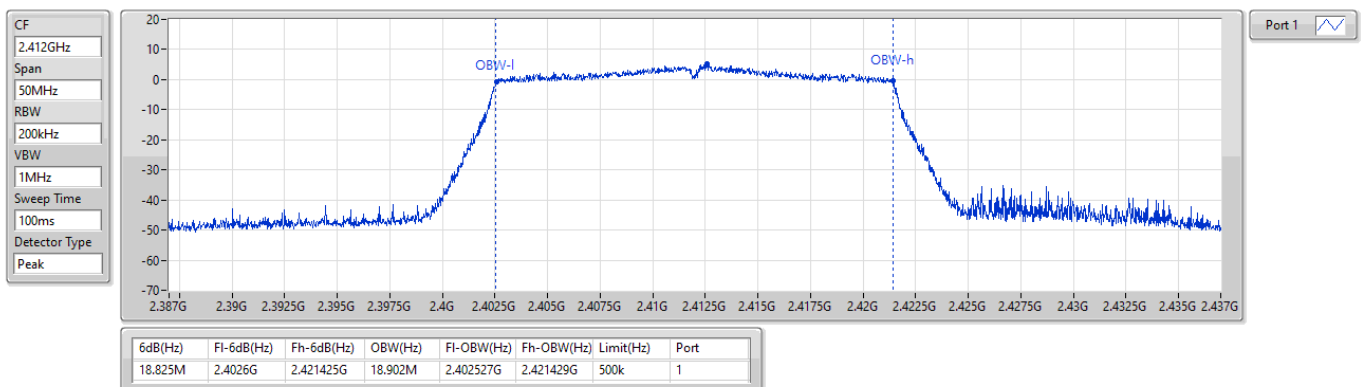
2462MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2412MHz

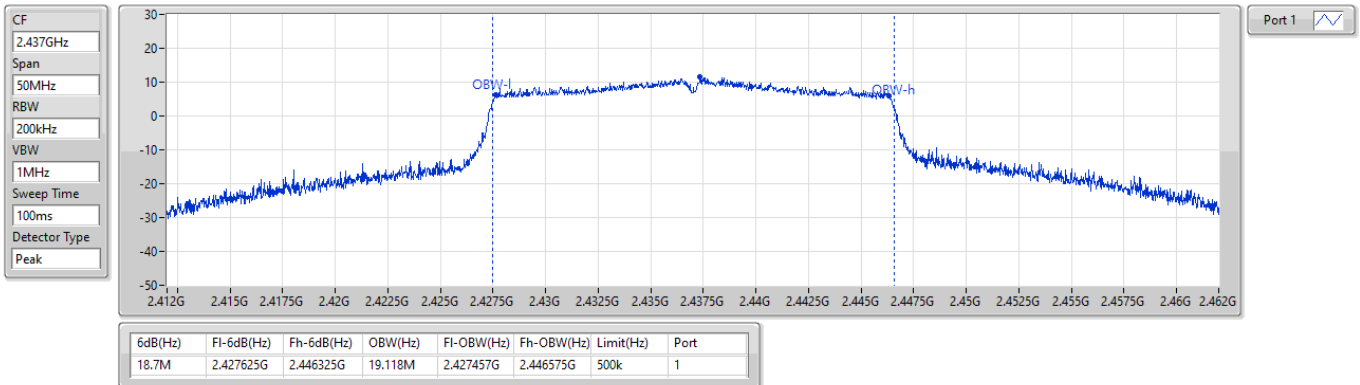




2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

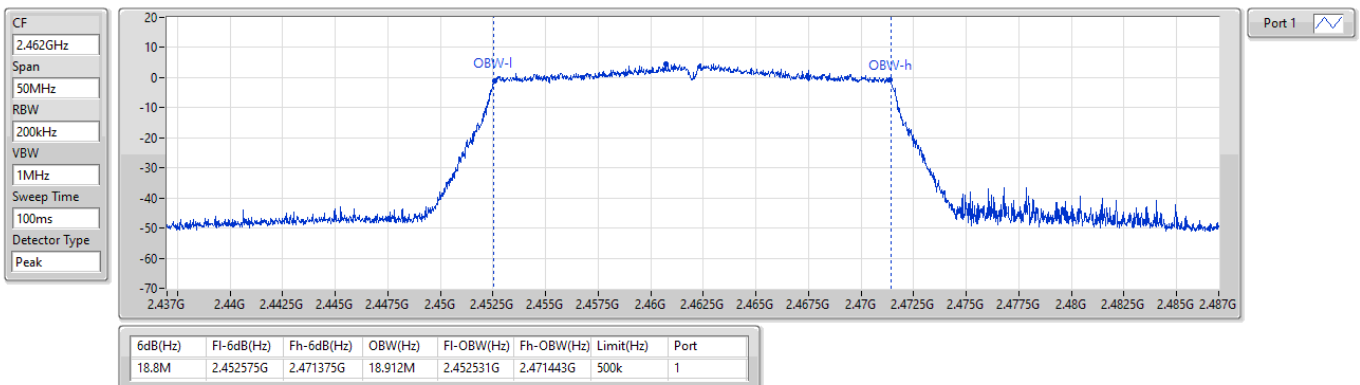
2437MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

2462MHz



**Conducted Output Power(Peak)****Appendix B****Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	22.69	0.18578
802.11g_Nss1,(6Mbps)_1TX	24.49	0.28119
802.11n HT20_Nss1,(MCS0)_1TX	20.85	0.12162
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	24.77	0.29992

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.50	22.42	22.42	30.00	24.92	36.00
2437MHz	Pass	2.50	22.69	22.69	30.00	25.19	36.00
2457MHz	Pass	2.50	22.34	22.34	30.00	24.84	36.00
2462MHz	Pass	2.50	21.97	21.97	30.00	24.47	36.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.50	23.55	23.55	30.00	26.05	36.00
2417MHz	Pass	2.50	24.1	24.10	30.00	26.60	36.00
2422MHz	Pass	2.50	24.09	24.09	30.00	26.59	36.00
2427MHz	Pass	2.50	20.21	20.21	30.00	22.71	36.00
2437MHz	Pass	2.50	24.49	24.49	30.00	26.99	36.00
2442MHz	Pass	2.50	24.33	24.33	30.00	26.83	36.00
2447MHz	Pass	2.50	24.03	24.03	30.00	26.53	36.00
2452MHz	Pass	2.50	23.87	23.87	30.00	26.37	36.00
2457MHz	Pass	2.50	23.15	23.15	30.00	25.65	36.00
2462MHz	Pass	2.50	23.47	23.47	30.00	25.97	36.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.50	19.88	19.88	30.00	22.38	36.00
2417MHz	Pass	2.50	20.46	20.46	30.00	22.96	36.00
2422MHz	Pass	2.50	20.53	20.53	30.00	23.03	36.00
2427MHz	Pass	2.50	20.66	20.66	30.00	23.16	36.00
2432MHz	Pass	2.50	20.75	20.75	30.00	23.25	36.00
2437MHz	Pass	2.50	20.85	20.85	30.00	23.35	36.00
2442MHz	Pass	2.50	20.66	20.66	30.00	23.16	36.00
2447MHz	Pass	2.50	20.61	20.61	30.00	23.11	36.00
2452MHz	Pass	2.50	20.58	20.58	30.00	23.08	36.00
2457MHz	Pass	2.50	20.48	20.48	30.00	22.98	36.00
2462MHz	Pass	2.50	19.21	19.21	30.00	21.71	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
2412MHz	Pass	2.50	23.85	23.85	30.00	26.35	36.00
2417MHz	Pass	2.50	24.41	24.41	30.00	26.91	36.00
2422MHz	Pass	2.50	24.47	24.47	30.00	26.97	36.00

**Conducted Output Power(Peak)****Appendix B**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
2427MHz	Pass	2.50	24.59	24.59	30.00	27.09	36.00
2432MHz	Pass	2.50	24.66	24.66	30.00	27.16	36.00
2437MHz	Pass	2.50	24.77	24.77	30.00	27.27	36.00
2442MHz	Pass	2.50	24.65	24.65	30.00	27.15	36.00
2447MHz	Pass	2.50	24.57	24.57	30.00	27.07	36.00
2452MHz	Pass	2.50	24.56	24.56	30.00	27.06	36.00
2457MHz	Pass	2.50	24.43	24.43	30.00	26.93	36.00
2462MHz	Pass	2.50	23.18	23.18	30.00	25.68	36.00

DG = Directional Gain; Port X = Port X output power

**Conducted Output Power(Average)****Appendix B****Summary**

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	20.28	0.10666
802.11g_Nss1,(6Mbps)_1TX	20.13	0.10304
802.11n HT20_Nss1,(MCS0)_1TX	19.34	0.08590
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	19.55	0.09016

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.50	20.01	20.01	-	22.51	-
2437MHz	Pass	2.50	20.28	20.28	-	22.78	-
2457MHz	Pass	2.50	19.87	19.87	-	22.37	-
2462MHz	Pass	2.50	19.39	19.39	-	21.89	-
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.50	18.07	18.07	-	20.57	-
2417MHz	Pass	2.50	18.61	18.61	-	21.11	-
2422MHz	Pass	2.50	19.31	19.31	-	21.81	-
2427MHz	Pass	2.50	19.85	19.85	-	22.35	-
2437MHz	Pass	2.50	20.13	20.13	-	22.63	-
2442MHz	Pass	2.50	20.02	20.02	-	22.52	-
2447MHz	Pass	2.50	19.42	19.42	-	21.92	-
2452MHz	Pass	2.50	18.71	18.71	-	21.21	-
2457MHz	Pass	2.50	17.57	17.57	-	20.07	-
2462MHz	Pass	2.50	16.79	16.79	-	19.29	-
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
2412MHz	Pass	2.50	13.89	13.89	-	16.39	-
2417MHz	Pass	2.50	16.51	16.51	-	19.01	-
2422MHz	Pass	2.50	17.19	17.19	-	19.69	-
2427MHz	Pass	2.50	18.53	18.53	-	21.03	-
2432MHz	Pass	2.50	18.95	18.95	-	21.45	-
2437MHz	Pass	2.50	19.34	19.34	-	21.84	-
2442MHz	Pass	2.50	18.76	18.76	-	21.26	-
2447MHz	Pass	2.50	18.22	18.22	-	20.72	-
2452MHz	Pass	2.50	17.24	17.24	-	19.74	-
2457MHz	Pass	2.50	15.85	15.85	-	18.35	-
2462MHz	Pass	2.50	13.29	13.29	-	15.79	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-
2412MHz	Pass	2.50	14.13	14.13	-	16.63	-
2417MHz	Pass	2.50	16.72	16.72	-	19.22	-
2422MHz	Pass	2.50	17.42	17.42	-	19.92	-

**Conducted Output Power(Average)****Appendix B**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
2427MHz	Pass	2.50	18.79	18.79	-	21.29	-
2432MHz	Pass	2.50	19.19	19.19	-	21.69	-
2437MHz	Pass	2.50	19.55	19.55	-	22.05	-
2442MHz	Pass	2.50	19.02	19.02	-	21.52	-
2447MHz	Pass	2.50	18.45	18.45	-	20.95	-
2452MHz	Pass	2.50	17.51	17.51	-	20.01	-
2457MHz	Pass	2.50	16.13	16.13	-	18.63	-
2462MHz	Pass	2.50	13.51	13.51	-	16.01	-

DG = Directional Gain; Port X = Port X output power

Note : Conducted average output power is for reference

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-1.06
802.11g_Nss1,(6Mbps)_1TX	-2.81
802.11n HT20_Nss1,(MCS0)_1TX	-5.66
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-5.41

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.50	-1.80	-1.80	8.00
2437MHz	Pass	2.50	-1.06	-1.06	8.00
2462MHz	Pass	2.50	-2.56	-2.56	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.50	-5.74	-5.74	8.00
2437MHz	Pass	2.50	-2.81	-2.81	8.00
2462MHz	Pass	2.50	-7.21	-7.21	8.00
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.50	-12.57	-12.57	8.00
2437MHz	Pass	2.50	-5.66	-5.66	8.00
2462MHz	Pass	2.50	-12.72	-12.72	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-
2412MHz	Pass	2.50	-12.13	-12.13	8.00
2437MHz	Pass	2.50	-5.41	-5.41	8.00
2462MHz	Pass	2.50	-12.39	-12.39	8.00

DG = Directional Gain; RBW = 3kHz;

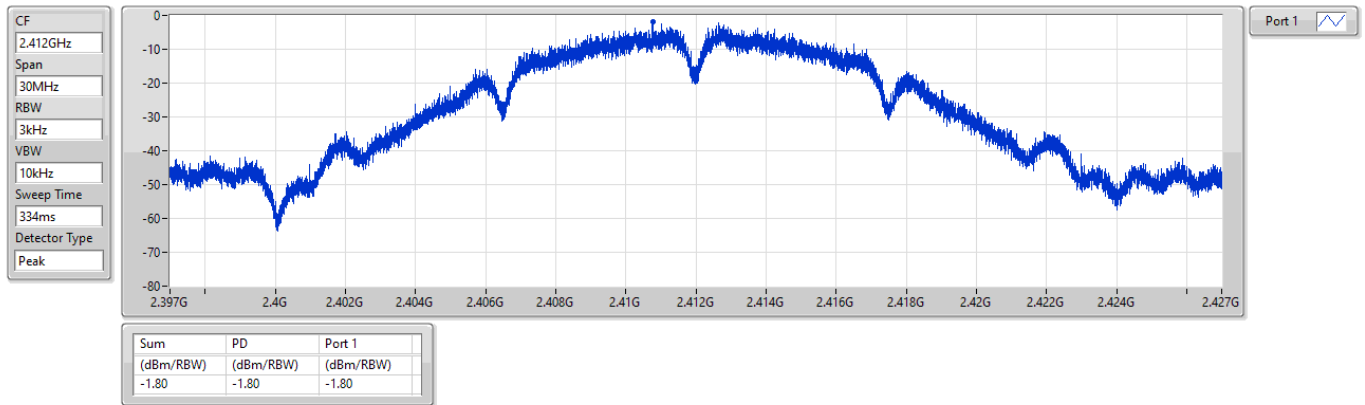
PD = Power density; Port X = Port X Power Density;



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

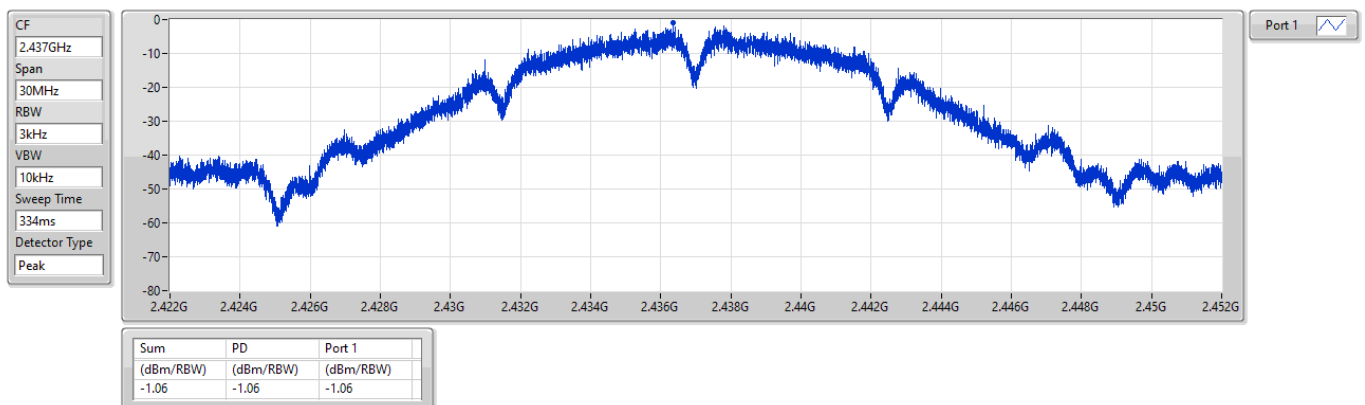
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

2437MHz

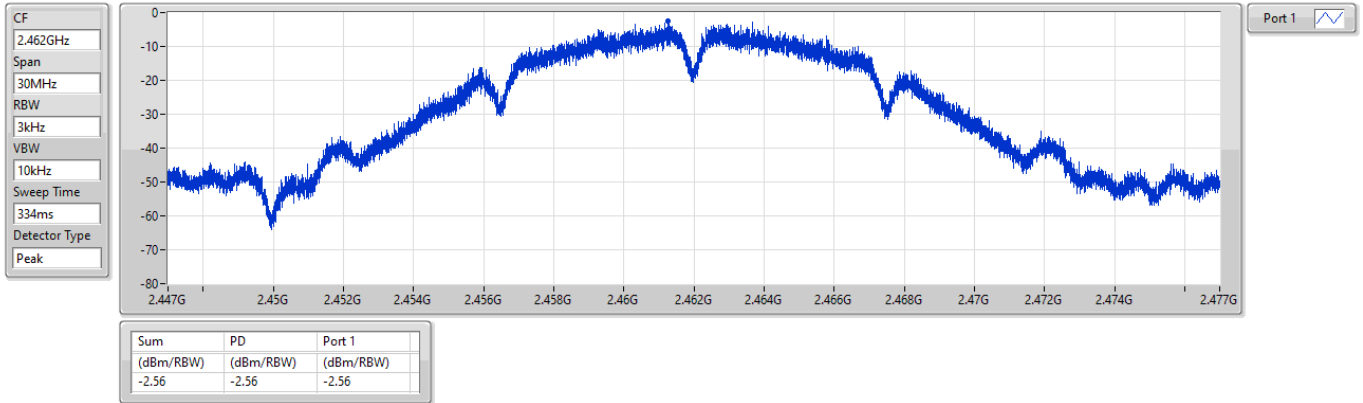




2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

PSD

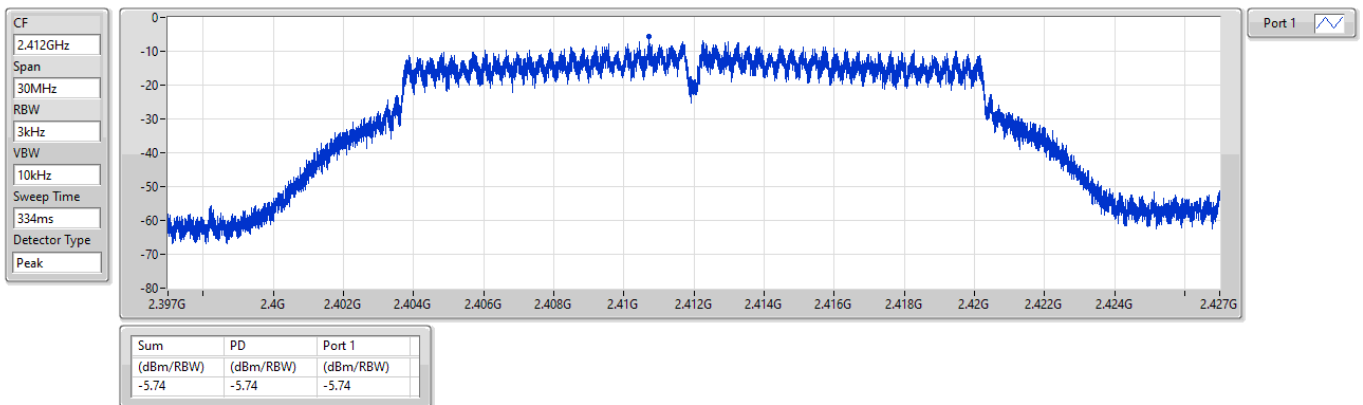
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

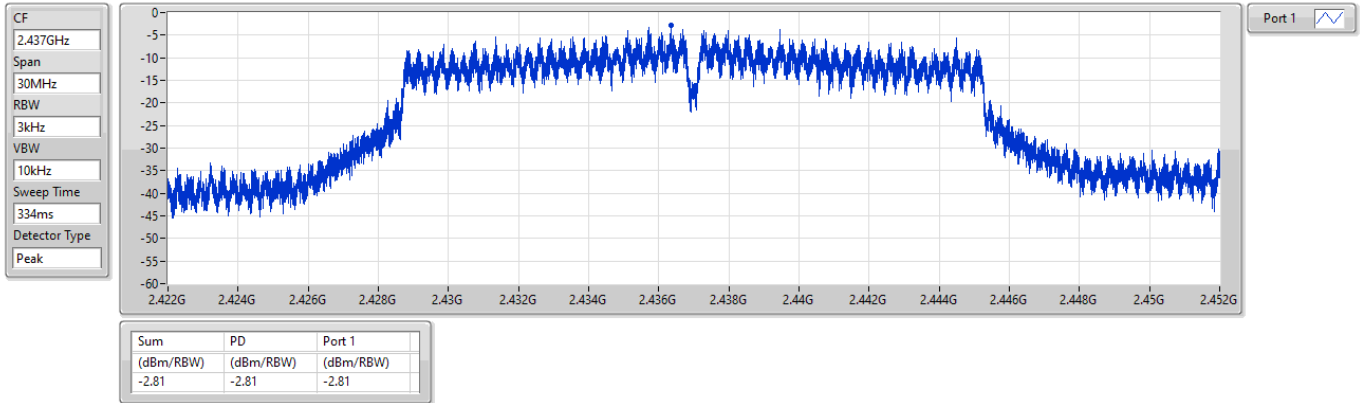
2412MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

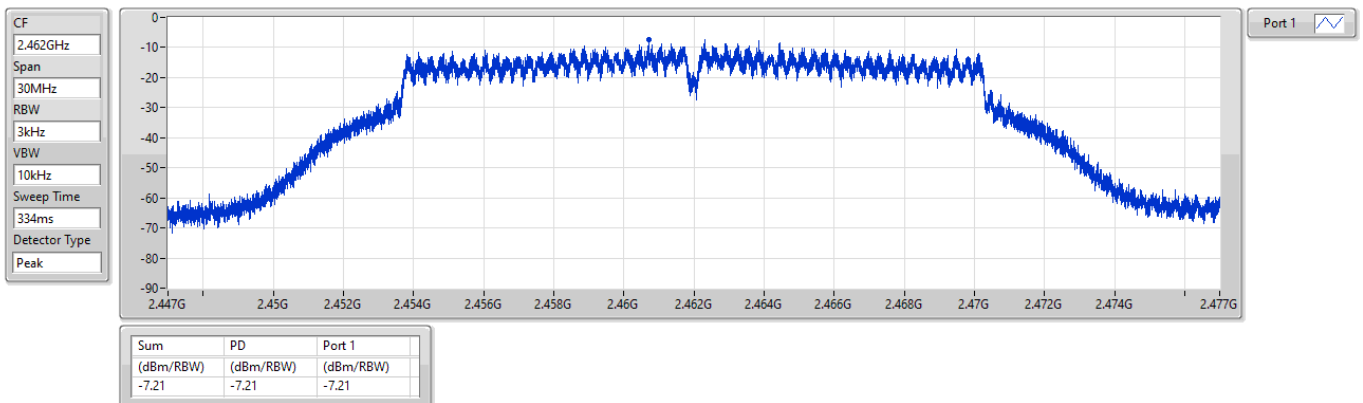
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

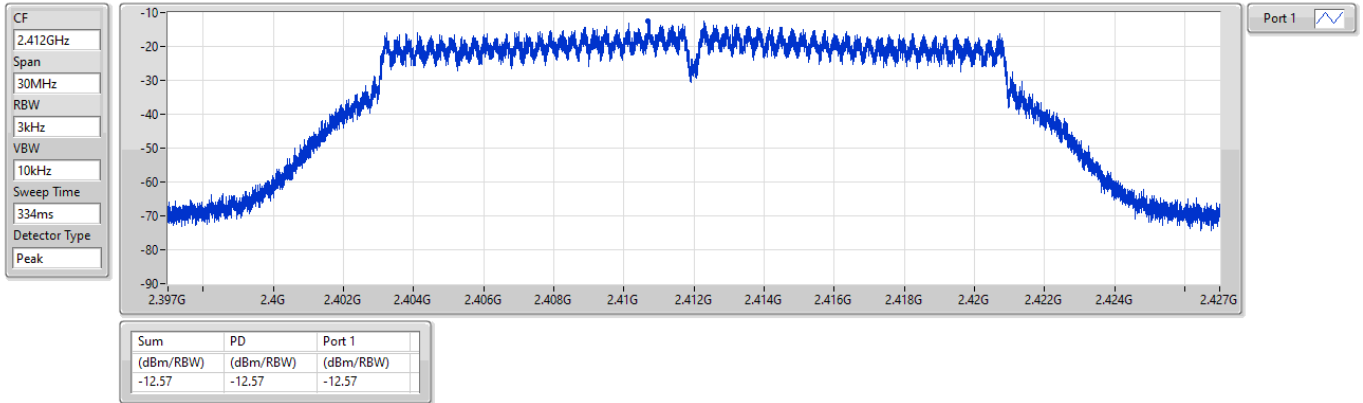




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

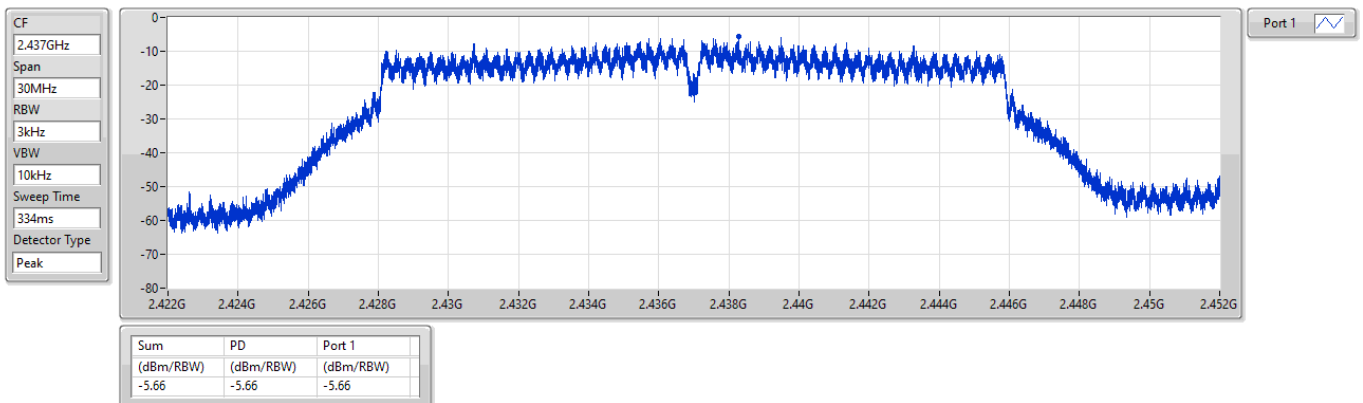
2412MHz



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

2437MHz

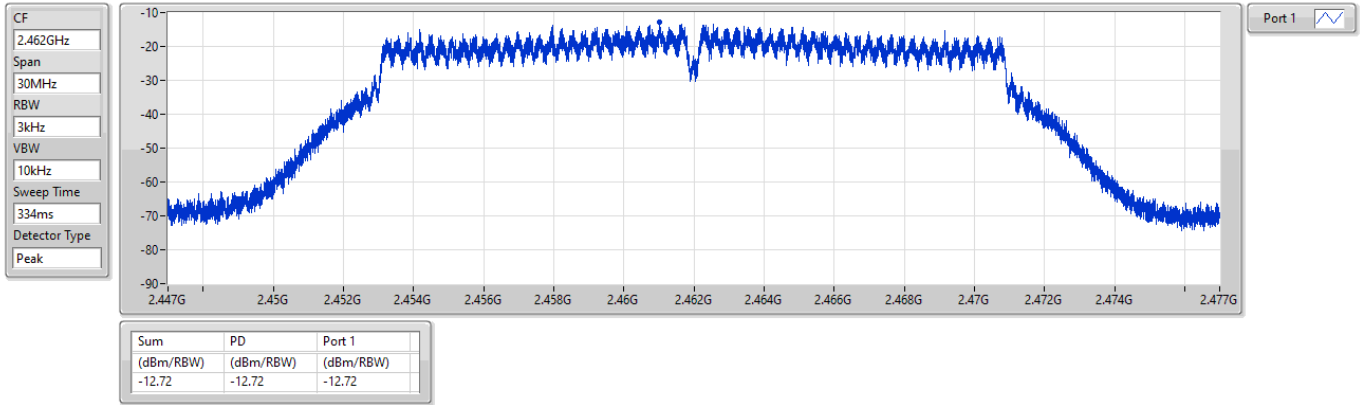




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

PSD

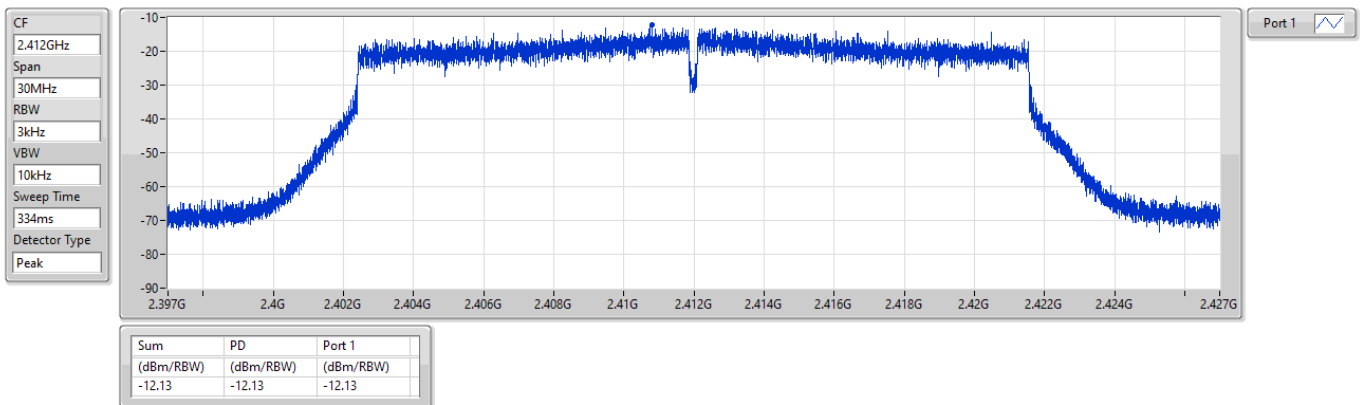
2462MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2412MHz

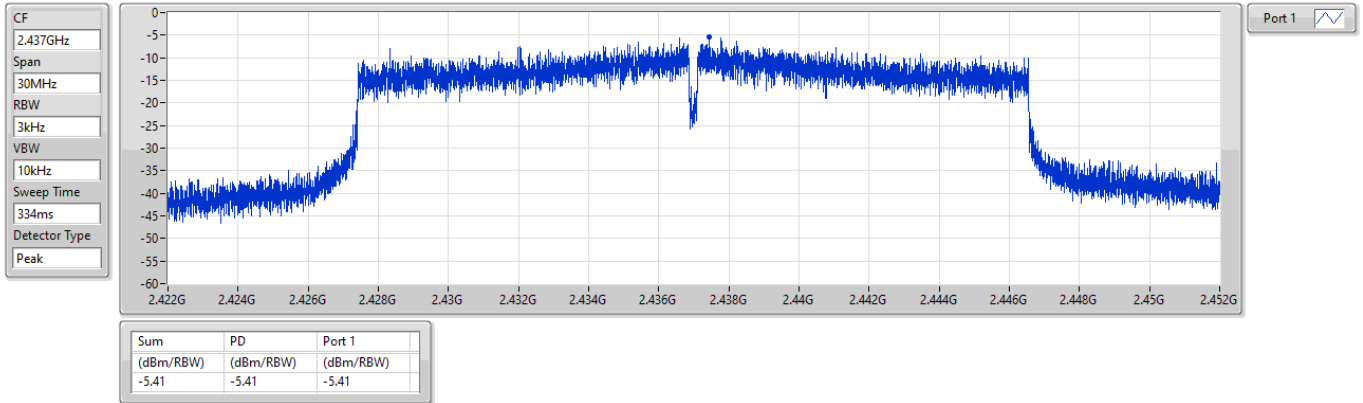




2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

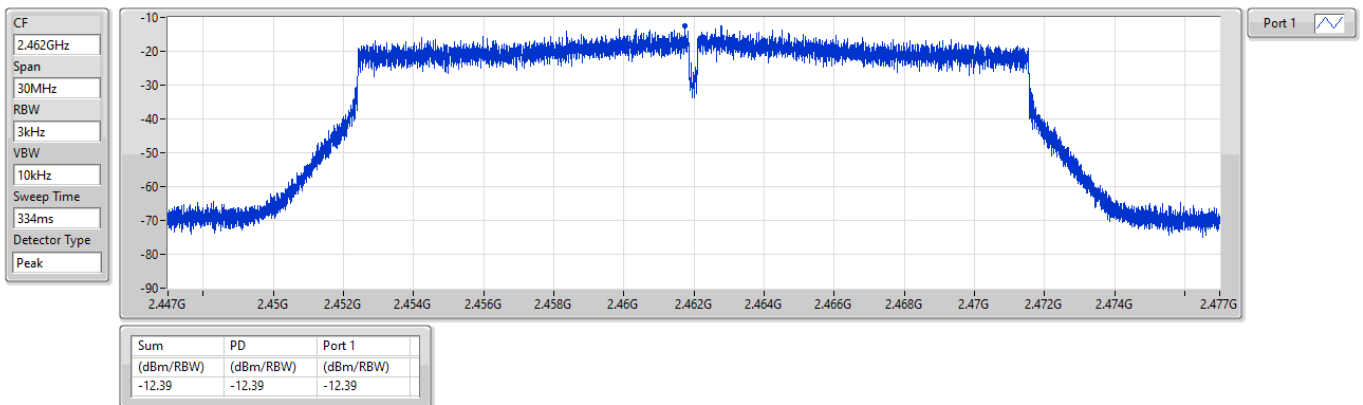
2437MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

2462MHz





**Unwanted Conducted Emissions into Restricted Frequency
Bands - 30MHz~1GHz**

Appendix D.1

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	30M	1G	PK	37.71M	2.50	-77.37	-77.37	4.7	-70.17	-55.20	-14.97

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



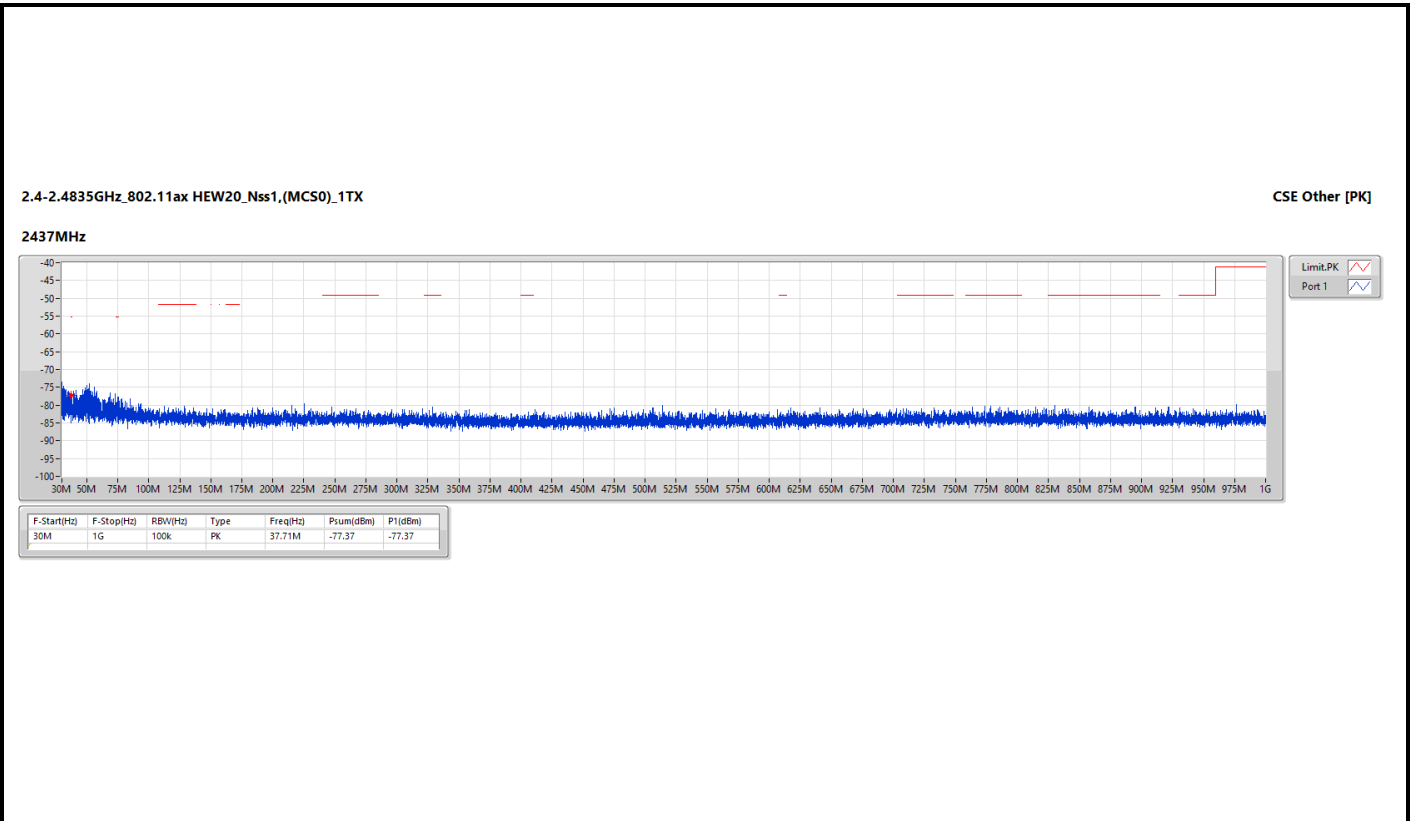
Unwanted Conducted Emissions into Restricted Frequency Bands - 30MHz~1GHz

Appendix D.1

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	30M	1G	PK	37.71M	2.50	-77.37	-77.37	4.7	-70.17	-55.20	-14.97

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX





**Unwanted Conducted Emissions into Restricted Frequency
Bands - 1GHz~3.1GHz**

Appendix D.2

Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.4835G	2.5G	AV	2.48367G	2.50	-45.79	-45.79	-43.29	-41.20	-2.09
802.11g_Nss1,(6Mbps)_1TX	Pass	2.4835G	2.5G	AV	2.48354G	2.50	-45.90	-45.90	-43.40	-41.20	-2.20
802.11n HT20_Nss1,(MCS0)_1TX	Pass	2.4835G	2.5G	AV	2.48369G	2.50	-46.28	-46.28	-43.78	-41.20	-2.58
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	2.31G	2.39G	PK	2.38756G	2.50	-25.71	-25.71	-23.21	-21.20	-2.01

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.49	-57.49	-54.99	-41.20	-13.79
2412MHz	Pass	2.31G	2.39G	AV	2.38544G	2.50	-46.33	-46.33	-43.83	-41.20	-2.63
2412MHz	Pass	2.4835G	2.5G	AV	2.48541G	2.50	-58.09	-58.09	-55.59	-41.20	-14.39
2412MHz	Pass	2.5G	3.1G	AV	2.5006G	2.50	-58.99	-58.99	-56.49	-41.20	-15.29
2412MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.80	-48.80	-46.30	-21.20	-25.10
2412MHz	Pass	2.31G	2.39G	PK	2.38576G	2.50	-40.23	-40.23	-37.73	-21.20	-16.53
2412MHz	Pass	2.4835G	2.5G	PK	2.4839G	2.50	-46.14	-46.14	-43.64	-21.20	-22.44
2412MHz	Pass	2.5G	3.1G	PK	2.5171G	2.50	-47.75	-47.75	-45.25	-21.20	-24.05
2437MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.83	-57.83	-55.33	-41.20	-14.13
2437MHz	Pass	2.31G	2.39G	AV	2.386G	2.50	-56.95	-56.95	-54.45	-41.20	-13.25
2437MHz	Pass	2.4835G	2.5G	AV	2.48588G	2.50	-57.31	-57.31	-54.81	-41.20	-13.61
2437MHz	Pass	2.5G	3.1G	AV	2.5123G	2.50	-58.12	-58.12	-55.62	-41.20	-14.42
2437MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.90	-47.90	-45.40	-21.20	-24.20
2437MHz	Pass	2.31G	2.39G	PK	2.3808G	2.50	-45.73	-45.73	-43.23	-21.20	-22.03
2437MHz	Pass	2.4835G	2.5G	PK	2.48426G	2.50	-45.77	-45.77	-43.27	-21.20	-22.07
2437MHz	Pass	2.5G	3.1G	PK	2.5159G	2.50	-47.02	-47.02	-44.52	-21.20	-23.32
2457MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.03	-58.03	-55.53	-41.20	-14.33
2457MHz	Pass	2.31G	2.39G	AV	2.38124G	2.50	-57.56	-57.56	-55.06	-41.20	-13.86
2457MHz	Pass	2.4835G	2.5G	AV	2.48367G	2.50	-45.79	-45.79	-43.29	-41.20	-2.09
2457MHz	Pass	2.5G	3.1G	AV	2.5009G	2.50	-57.34	-57.34	-54.84	-41.20	-13.64
2457MHz	Pass	1G	2.31G	PK	2.31G	2.50	-49.66	-49.66	-47.16	-21.20	-25.96
2457MHz	Pass	2.31G	2.39G	PK	2.37636G	2.50	-46.41	-46.41	-43.91	-21.20	-22.71
2457MHz	Pass	2.4835G	2.5G	PK	2.48357G	2.50	-40.01	-40.01	-37.51	-21.20	-16.31
2457MHz	Pass	2.5G	3.1G	PK	2.5723G	2.50	-47.53	-47.53	-45.03	-21.20	-23.83
2462MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.08	-58.08	-55.58	-41.20	-14.38
2462MHz	Pass	2.31G	2.39G	AV	2.38792G	2.50	-57.71	-57.71	-55.21	-41.20	-14.01
2462MHz	Pass	2.4835G	2.5G	AV	2.48871G	2.50	-45.86	-45.86	-43.36	-41.20	-2.16
2462MHz	Pass	2.5G	3.1G	AV	2.5024G	2.50	-57.08	-57.08	-54.58	-41.20	-13.38
2462MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.34	-48.34	-45.84	-21.20	-24.64
2462MHz	Pass	2.31G	2.39G	PK	2.3814G	2.50	-46.77	-46.77	-44.27	-21.20	-23.07
2462MHz	Pass	2.4835G	2.5G	PK	2.48808G	2.50	-39.16	-39.16	-36.66	-21.20	-15.46
2462MHz	Pass	2.5G	3.1G	PK	2.506G	2.50	-46.19	-46.19	-43.69	-21.20	-22.49
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.49	-57.49	-54.99	-41.20	-13.79
2412MHz	Pass	2.31G	2.39G	AV	2.39G	2.50	-46.09	-46.09	-43.59	-41.20	-2.39
2412MHz	Pass	2.4835G	2.5G	AV	2.48403G	2.50	-57.27	-57.27	-54.77	-41.20	-13.57
2412MHz	Pass	2.5G	3.1G	AV	2.5012G	2.50	-58.24	-58.24	-55.74	-41.20	-14.54
2412MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.61	-48.61	-46.11	-21.20	-24.91
2412MHz	Pass	2.31G	2.39G	PK	2.39G	2.50	-30.40	-30.40	-27.90	-21.20	-6.70
2412MHz	Pass	2.4835G	2.5G	PK	2.48762G	2.50	-45.04	-45.04	-42.54	-21.20	-21.34
2412MHz	Pass	2.5G	3.1G	PK	2.5159G	2.50	-47.63	-47.63	-45.13	-21.20	-23.93

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2417MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.05	-57.05	-54.55	-41.20	-13.35
2417MHz	Pass	2.31G	2.39G	AV	2.38988G	2.50	-46.29	-46.29	-43.79	-41.20	-2.59
2417MHz	Pass	2.4835G	2.5G	AV	2.48475G	2.50	-56.59	-56.59	-54.09	-41.20	-12.89
2417MHz	Pass	2.5G	3.1G	AV	2.5009G	2.50	-57.83	-57.83	-55.33	-41.20	-14.13
2417MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.82	-47.82	-45.32	-21.20	-24.12
2417MHz	Pass	2.31G	2.39G	PK	2.38996G	2.50	-32.85	-32.85	-30.35	-21.20	-9.15
2417MHz	Pass	2.4835G	2.5G	PK	2.49231G	2.50	-44.37	-44.37	-41.87	-21.20	-20.67
2417MHz	Pass	2.5G	3.1G	PK	2.5087G	2.50	-46.78	-46.78	-44.28	-21.20	-23.08
2422MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.25	-57.25	-54.75	-41.20	-13.55
2422MHz	Pass	2.31G	2.39G	AV	2.38996G	2.50	-46.56	-46.56	-44.06	-41.20	-2.86
2422MHz	Pass	2.4835G	2.5G	AV	2.48422G	2.50	-55.66	-55.66	-53.16	-41.20	-11.96
2422MHz	Pass	2.5G	3.1G	AV	2.5012G	2.50	-57.23	-57.23	-54.73	-41.20	-13.53
2422MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.10	-48.10	-45.60	-21.20	-24.40
2422MHz	Pass	2.31G	2.39G	PK	2.38996G	2.50	-31.64	-31.64	-29.14	-21.20	-7.94
2422MHz	Pass	2.4835G	2.5G	PK	2.48426G	2.50	-42.78	-42.78	-40.28	-21.20	-19.08
2422MHz	Pass	2.5G	3.1G	PK	2.5108G	2.50	-46.98	-46.98	-44.48	-21.20	-23.28
2427MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.21	-57.21	-54.71	-41.20	-13.51
2427MHz	Pass	2.31G	2.39G	AV	2.3898G	2.50	-47.34	-47.34	-44.84	-41.20	-3.64
2427MHz	Pass	2.4835G	2.5G	AV	2.48367G	2.50	-53.28	-53.28	-50.78	-41.20	-9.58
2427MHz	Pass	2.5G	3.1G	AV	2.5006G	2.50	-56.64	-56.64	-54.14	-41.20	-12.94
2427MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.12	-47.12	-44.62	-21.20	-23.42
2427MHz	Pass	2.31G	2.39G	PK	2.38992G	2.50	-30.76	-30.76	-28.26	-21.20	-7.06
2427MHz	Pass	2.4835G	2.5G	PK	2.48428G	2.50	-38.90	-38.90	-36.40	-21.20	-15.20
2427MHz	Pass	2.5G	3.1G	PK	2.5012G	2.50	-45.62	-45.62	-43.12	-21.20	-21.92
2437MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.52	-57.52	-55.02	-41.20	-13.82
2437MHz	Pass	2.31G	2.39G	AV	2.39G	2.50	-49.09	-49.09	-46.59	-41.20	-5.39
2437MHz	Pass	2.4835G	2.5G	AV	2.48363G	2.50	-48.93	-48.93	-46.43	-41.20	-5.23
2437MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-54.71	-54.71	-52.21	-41.20	-11.01
2437MHz	Pass	1G	2.31G	PK	2.31G	2.50	-46.81	-46.81	-44.31	-21.20	-23.11
2437MHz	Pass	2.31G	2.39G	PK	2.3894G	2.50	-32.28	-32.28	-29.78	-21.20	-8.58
2437MHz	Pass	2.4835G	2.5G	PK	2.48507G	2.50	-34.13	-34.13	-31.63	-21.20	-10.43
2437MHz	Pass	2.5G	3.1G	PK	2.5036G	2.50	-42.70	-42.70	-40.20	-21.20	-19.00
2442MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.52	-57.52	-55.02	-41.20	-13.82
2442MHz	Pass	2.31G	2.39G	AV	2.39G	2.50	-50.08	-50.08	-47.58	-41.20	-6.38
2442MHz	Pass	2.4835G	2.5G	AV	2.48354G	2.50	-45.90	-45.90	-43.40	-41.20	-2.20
2442MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-52.80	-52.80	-50.30	-41.20	-9.10
2442MHz	Pass	1G	2.31G	PK	2.31G	2.50	-46.64	-46.64	-44.14	-21.20	-22.94
2442MHz	Pass	2.31G	2.39G	PK	2.38584G	2.50	-35.64	-35.64	-33.14	-21.20	-11.94
2442MHz	Pass	2.4835G	2.5G	PK	2.4835G	2.50	-31.07	-31.07	-28.57	-21.20	-7.37
2442MHz	Pass	2.5G	3.1G	PK	2.5006G	2.50	-39.45	-39.45	-36.95	-21.20	-15.75
2447MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.35	-57.35	-54.85	-41.20	-13.65
2447MHz	Pass	2.31G	2.39G	AV	2.38836G	2.50	-54.02	-54.02	-51.52	-41.20	-10.32

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2447MHz	Pass	2.4835G	2.5G	AV	2.48372G	2.50	-46.22	-46.22	-43.72	-41.20	-2.52
2447MHz	Pass	2.5G	3.1G	AV	2.5003G	2.50	-53.43	-53.43	-50.93	-41.20	-9.73
2447MHz	Pass	1G	2.31G	PK	2.31G	2.50	-46.96	-46.96	-44.46	-21.20	-23.26
2447MHz	Pass	2.31G	2.39G	PK	2.3862G	2.50	-41.19	-41.19	-38.69	-21.20	-17.49
2447MHz	Pass	2.4835G	2.5G	PK	2.48378G	2.50	-32.99	-32.99	-30.49	-21.20	-9.29
2447MHz	Pass	2.5G	3.1G	PK	2.5066G	2.50	-40.12	-40.12	-37.62	-21.20	-16.42
2452MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.49	-57.49	-54.99	-41.20	-13.79
2452MHz	Pass	2.31G	2.39G	AV	2.389G	2.50	-55.82	-55.82	-53.32	-41.20	-12.12
2452MHz	Pass	2.4835G	2.5G	AV	2.48353G	2.50	-46.51	-46.51	-44.01	-41.20	-2.81
2452MHz	Pass	2.5G	3.1G	AV	2.5003G	2.50	-54.02	-54.02	-51.52	-41.20	-10.32
2452MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.22	-47.22	-44.72	-21.20	-23.52
2452MHz	Pass	2.31G	2.39G	PK	2.38908G	2.50	-43.36	-43.36	-40.86	-21.20	-19.66
2452MHz	Pass	2.4835G	2.5G	PK	2.48424G	2.50	-30.69	-30.69	-28.19	-21.20	-6.99
2452MHz	Pass	2.5G	3.1G	PK	2.5036G	2.50	-42.42	-42.42	-39.92	-21.20	-18.72
2457MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.77	-57.77	-55.27	-41.20	-14.07
2457MHz	Pass	2.31G	2.39G	AV	2.38832G	2.50	-57.17	-57.17	-54.67	-41.20	-13.47
2457MHz	Pass	2.4835G	2.5G	AV	2.4835G	2.50	-45.98	-45.98	-43.48	-41.20	-2.28
2457MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-54.46	-54.46	-51.96	-41.20	-10.76
2457MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.01	-47.01	-44.51	-21.20	-23.31
2457MHz	Pass	2.31G	2.39G	PK	2.38864G	2.50	-45.07	-45.07	-42.57	-21.20	-21.37
2457MHz	Pass	2.4835G	2.5G	PK	2.48397G	2.50	-32.02	-32.02	-29.52	-21.20	-8.32
2457MHz	Pass	2.5G	3.1G	PK	2.5006G	2.50	-43.33	-43.33	-40.83	-21.20	-19.63
2462MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.30	-58.30	-55.80	-41.20	-14.60
2462MHz	Pass	2.31G	2.39G	AV	2.38912G	2.50	-57.71	-57.71	-55.21	-41.20	-14.01
2462MHz	Pass	2.4835G	2.5G	AV	2.48354G	2.50	-46.54	-46.54	-44.04	-41.20	-2.84
2462MHz	Pass	2.5G	3.1G	AV	2.5012G	2.50	-54.70	-54.70	-52.20	-41.20	-11.00
2462MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.85	-48.85	-46.35	-21.20	-25.15
2462MHz	Pass	2.31G	2.39G	PK	2.38908G	2.50	-46.27	-46.27	-43.77	-21.20	-22.57
2462MHz	Pass	2.4835G	2.5G	PK	2.4848G	2.50	-32.32	-32.32	-29.82	-21.20	-8.62
2462MHz	Pass	2.5G	3.1G	PK	2.5009G	2.50	-44.98	-44.98	-42.48	-21.20	-21.28
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.29	-58.29	-55.79	-41.20	-14.59
2412MHz	Pass	2.31G	2.39G	AV	2.38996G	2.50	-53.23	-53.23	-50.73	-41.20	-9.53
2412MHz	Pass	2.4835G	2.5G	AV	2.48654G	2.50	-58.63	-58.63	-56.13	-41.20	-14.93
2412MHz	Pass	2.5G	3.1G	AV	2.5012G	2.50	-59.23	-59.23	-56.73	-41.20	-15.53
2412MHz	Pass	1G	2.31G	PK	2.31G	2.50	-49.47	-49.47	-46.97	-21.20	-25.77
2412MHz	Pass	2.31G	2.39G	PK	2.38752G	2.50	-40.12	-40.12	-37.62	-21.20	-16.42
2412MHz	Pass	2.4835G	2.5G	PK	2.49139G	2.50	-46.51	-46.51	-44.01	-21.20	-22.81
2412MHz	Pass	2.5G	3.1G	PK	2.5183G	2.50	-47.47	-47.47	-44.97	-21.20	-23.77
2417MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.45	-57.45	-54.95	-41.20	-13.75
2417MHz	Pass	2.31G	2.39G	AV	2.3894G	2.50	-52.26	-52.26	-49.76	-41.20	-8.56
2417MHz	Pass	2.4835G	2.5G	AV	2.48383G	2.50	-57.53	-57.53	-55.03	-41.20	-13.83

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2417MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-58.29	-58.29	-55.79	-41.20	-14.59
2417MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.07	-48.07	-45.57	-21.20	-24.37
2417MHz	Pass	2.31G	2.39G	PK	2.3872G	2.50	-40.39	-40.39	-37.89	-21.20	-16.69
2417MHz	Pass	2.4835G	2.5G	PK	2.48453G	2.50	-45.57	-45.57	-43.07	-21.20	-21.87
2417MHz	Pass	2.5G	3.1G	PK	2.5714G	2.50	-47.09	-47.09	-44.59	-21.20	-23.39
2422MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.52	-57.52	-55.02	-41.20	-13.82
2422MHz	Pass	2.31G	2.39G	AV	2.38912G	2.50	-52.19	-52.19	-49.69	-41.20	-8.49
2422MHz	Pass	2.4835G	2.5G	AV	2.48404G	2.50	-56.80	-56.80	-54.30	-41.20	-13.10
2422MHz	Pass	2.5G	3.1G	AV	2.5027G	2.50	-57.85	-57.85	-55.35	-41.20	-14.15
2422MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.04	-47.04	-44.54	-21.20	-23.34
2422MHz	Pass	2.31G	2.39G	PK	2.3892G	2.50	-38.26	-38.26	-35.76	-21.20	-14.56
2422MHz	Pass	2.4835G	2.5G	PK	2.4861G	2.50	-44.85	-44.85	-42.35	-21.20	-21.15
2422MHz	Pass	2.5G	3.1G	PK	2.5006G	2.50	-46.79	-46.79	-44.29	-21.20	-23.09
2427MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.32	-57.32	-54.82	-41.20	-13.62
2427MHz	Pass	2.31G	2.39G	AV	2.38996G	2.50	-48.22	-48.22	-45.72	-41.20	-4.52
2427MHz	Pass	2.4835G	2.5G	AV	2.48367G	2.50	-54.09	-54.09	-51.59	-41.20	-10.39
2427MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-56.54	-56.54	-54.04	-41.20	-12.84
2427MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.84	-47.84	-45.34	-21.20	-24.14
2427MHz	Pass	2.31G	2.39G	PK	2.38968G	2.50	-32.01	-32.01	-29.51	-21.20	-8.31
2427MHz	Pass	2.4835G	2.5G	PK	2.48555G	2.50	-39.72	-39.72	-37.22	-21.20	-16.02
2427MHz	Pass	2.5G	3.1G	PK	2.5465G	2.50	-46.22	-46.22	-43.72	-21.20	-22.52
2432MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.28	-57.28	-54.78	-41.20	-13.58
2432MHz	Pass	2.31G	2.39G	AV	2.38848G	2.50	-48.87	-48.87	-46.37	-41.20	-5.17
2432MHz	Pass	2.4835G	2.5G	AV	2.48375G	2.50	-51.10	-51.10	-48.60	-41.20	-7.40
2432MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-55.76	-55.76	-53.26	-41.20	-12.06
2432MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.48	-47.48	-44.98	-21.20	-23.78
2432MHz	Pass	2.31G	2.39G	PK	2.38288G	2.50	-33.40	-33.40	-30.90	-21.20	-9.70
2432MHz	Pass	2.4835G	2.5G	PK	2.48407G	2.50	-34.44	-34.44	-31.94	-21.20	-10.74
2432MHz	Pass	2.5G	3.1G	PK	2.5006G	2.50	-43.85	-43.85	-41.35	-21.20	-20.15
2437MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.42	-57.42	-54.92	-41.20	-13.72
2437MHz	Pass	2.31G	2.39G	AV	2.39G	2.50	-49.75	-49.75	-47.25	-41.20	-6.05
2437MHz	Pass	2.4835G	2.5G	AV	2.48367G	2.50	-48.76	-48.76	-46.26	-41.20	-5.06
2437MHz	Pass	2.5G	3.1G	AV	2.5003G	2.50	-54.95	-54.95	-52.45	-41.20	-11.25
2437MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.04	-47.04	-44.54	-21.20	-23.34
2437MHz	Pass	2.31G	2.39G	PK	2.38956G	2.50	-33.47	-33.47	-30.97	-21.20	-9.77
2437MHz	Pass	2.4835G	2.5G	PK	2.48433G	2.50	-32.22	-32.22	-29.72	-21.20	-8.52
2437MHz	Pass	2.5G	3.1G	PK	2.5006G	2.50	-42.14	-42.14	-39.64	-21.20	-18.44
2442MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.35	-57.35	-54.85	-41.20	-13.65
2442MHz	Pass	2.31G	2.39G	AV	2.38932G	2.50	-51.00	-51.00	-48.50	-41.20	-7.30
2442MHz	Pass	2.4835G	2.5G	AV	2.48369G	2.50	-46.28	-46.28	-43.78	-41.20	-2.58
2442MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-53.17	-53.17	-50.67	-41.20	-9.47
2442MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.07	-48.07	-45.57	-21.20	-24.37

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2442MHz	Pass	2.31G	2.39G	PK	2.38956G	2.50	-35.61	-35.61	-33.11	-21.20	-11.91
2442MHz	Pass	2.4835G	2.5G	PK	2.48422G	2.50	-30.56	-30.56	-28.06	-21.20	-6.86
2442MHz	Pass	2.5G	3.1G	PK	2.5024G	2.50	-39.21	-39.21	-36.71	-21.20	-15.51
2447MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.56	-57.56	-55.06	-41.20	-13.86
2447MHz	Pass	2.31G	2.39G	AV	2.38948G	2.50	-54.77	-54.77	-52.27	-41.20	-11.07
2447MHz	Pass	2.4835G	2.5G	AV	2.48376G	2.50	-48.14	-48.14	-45.64	-41.20	-4.44
2447MHz	Pass	2.5G	3.1G	AV	2.5009G	2.50	-54.32	-54.32	-51.82	-41.20	-10.62
2447MHz	Pass	1G	2.31G	PK	2.31G	2.50	-46.32	-46.32	-43.82	-21.20	-22.62
2447MHz	Pass	2.31G	2.39G	PK	2.38608G	2.50	-42.49	-42.49	-39.99	-21.20	-18.79
2447MHz	Pass	2.4835G	2.5G	PK	2.48425G	2.50	-31.82	-31.82	-29.32	-21.20	-8.12
2447MHz	Pass	2.5G	3.1G	PK	2.5009G	2.50	-43.57	-43.57	-41.07	-21.20	-19.87
2452MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.10	-58.10	-55.60	-41.20	-14.40
2452MHz	Pass	2.31G	2.39G	AV	2.389G	2.50	-56.83	-56.83	-54.33	-41.20	-13.13
2452MHz	Pass	2.4835G	2.5G	AV	2.48393G	2.50	-48.69	-48.69	-46.19	-41.20	-4.99
2452MHz	Pass	2.5G	3.1G	AV	2.5006G	2.50	-55.39	-55.39	-52.89	-41.20	-11.69
2452MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.94	-47.94	-45.44	-21.20	-24.24
2452MHz	Pass	2.31G	2.39G	PK	2.36988G	2.50	-44.90	-44.90	-42.40	-21.20	-21.20
2452MHz	Pass	2.4835G	2.5G	PK	2.48641G	2.50	-31.31	-31.31	-28.81	-21.20	-7.61
2452MHz	Pass	2.5G	3.1G	PK	2.5009G	2.50	-43.97	-43.97	-41.47	-21.20	-20.27
2457MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.06	-58.06	-55.56	-41.20	-14.36
2457MHz	Pass	2.31G	2.39G	AV	2.38252G	2.50	-57.93	-57.93	-55.43	-41.20	-14.23
2457MHz	Pass	2.4835G	2.5G	AV	2.48397G	2.50	-51.31	-51.31	-48.81	-41.20	-7.61
2457MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-56.31	-56.31	-53.81	-41.20	-12.61
2457MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.33	-48.33	-45.83	-21.20	-24.63
2457MHz	Pass	2.31G	2.39G	PK	2.33632G	2.50	-46.15	-46.15	-43.65	-21.20	-22.45
2457MHz	Pass	2.4835G	2.5G	PK	2.48384G	2.50	-35.12	-35.12	-32.62	-21.20	-11.42
2457MHz	Pass	2.5G	3.1G	PK	2.5099G	2.50	-46.05	-46.05	-43.55	-21.20	-22.35
2462MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.63	-58.63	-56.13	-41.20	-14.93
2462MHz	Pass	2.31G	2.39G	AV	2.38656G	2.50	-59.04	-59.04	-56.54	-41.20	-15.34
2462MHz	Pass	2.4835G	2.5G	AV	2.48366G	2.50	-54.57	-54.57	-52.07	-41.20	-10.87
2462MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-57.89	-57.89	-55.39	-41.20	-14.19
2462MHz	Pass	1G	2.31G	PK	2.31G	2.50	-49.32	-49.32	-46.82	-21.20	-25.62
2462MHz	Pass	2.31G	2.39G	PK	2.38816G	2.50	-46.78	-46.78	-44.28	-21.20	-23.08
2462MHz	Pass	2.4835G	2.5G	PK	2.48501G	2.50	-42.09	-42.09	-39.59	-21.20	-18.39
2462MHz	Pass	2.5G	3.1G	PK	2.5012G	2.50	-47.24	-47.24	-44.74	-21.20	-23.54
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.18	-58.18	-55.68	-41.20	-14.48
2412MHz	Pass	2.31G	2.39G	AV	2.38988G	2.50	-51.06	-51.06	-48.56	-41.20	-7.36
2412MHz	Pass	2.4835G	2.5G	AV	2.48353G	2.50	-58.71	-58.71	-56.21	-41.20	-15.01
2412MHz	Pass	2.5G	3.1G	AV	2.5009G	2.50	-59.26	-59.26	-56.76	-41.20	-15.56
2412MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.71	-48.71	-46.21	-21.20	-25.01
2412MHz	Pass	2.31G	2.39G	PK	2.38908G	2.50	-25.91	-25.91	-23.41	-21.20	-2.21

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	2.4835G	2.5G	PK	2.49044G	2.50	-47.13	-47.13	-44.63	-21.20	-23.43
2412MHz	Pass	2.5G	3.1G	PK	2.5633G	2.50	-48.35	-48.35	-45.85	-21.20	-24.65
2417MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.66	-57.66	-55.16	-41.20	-13.96
2417MHz	Pass	2.31G	2.39G	AV	2.39G	2.50	-48.14	-48.14	-45.64	-41.20	-4.44
2417MHz	Pass	2.4835G	2.5G	AV	2.48381G	2.50	-57.37	-57.37	-54.87	-41.20	-13.67
2417MHz	Pass	2.5G	3.1G	AV	2.5057G	2.50	-58.39	-58.39	-55.89	-41.20	-14.69
2417MHz	Pass	1G	2.31G	PK	2.31G	2.50	-45.71	-45.71	-43.21	-21.20	-22.01
2417MHz	Pass	2.31G	2.39G	PK	2.38796G	2.50	-26.26	-26.26	-23.76	-21.20	-2.56
2417MHz	Pass	2.4835G	2.5G	PK	2.48357G	2.50	-43.14	-43.14	-40.64	-21.20	-19.44
2417MHz	Pass	2.5G	3.1G	PK	2.5699G	2.50	-47.17	-47.17	-44.67	-21.20	-23.47
2422MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.59	-57.59	-55.09	-41.20	-13.89
2422MHz	Pass	2.31G	2.39G	AV	2.3898G	2.50	-47.38	-47.38	-44.88	-41.20	-3.68
2422MHz	Pass	2.4835G	2.5G	AV	2.48423G	2.50	-55.96	-55.96	-53.46	-41.20	-12.26
2422MHz	Pass	2.5G	3.1G	AV	2.5018G	2.50	-57.86	-57.86	-55.36	-41.20	-14.16
2422MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.62	-47.62	-45.12	-21.20	-23.92
2422MHz	Pass	2.31G	2.39G	PK	2.39G	2.50	-26.01	-26.01	-23.51	-21.20	-2.31
2422MHz	Pass	2.4835G	2.5G	PK	2.48435G	2.50	-37.96	-37.96	-35.46	-21.20	-14.26
2422MHz	Pass	2.5G	3.1G	PK	2.5006G	2.50	-44.80	-44.80	-42.30	-21.20	-21.10
2427MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.35	-57.35	-54.85	-41.20	-13.65
2427MHz	Pass	2.31G	2.39G	AV	2.38996G	2.50	-45.99	-45.99	-43.49	-41.20	-2.29
2427MHz	Pass	2.4835G	2.5G	AV	2.48399G	2.50	-52.90	-52.90	-50.40	-41.20	-9.20
2427MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-56.67	-56.67	-54.17	-41.20	-12.97
2427MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.44	-47.44	-44.94	-21.20	-23.74
2427MHz	Pass	2.31G	2.39G	PK	2.38444G	2.50	-25.73	-25.73	-23.23	-21.20	-2.03
2427MHz	Pass	2.4835G	2.5G	PK	2.48374G	2.50	-35.85	-35.85	-33.35	-21.20	-12.15
2427MHz	Pass	2.5G	3.1G	PK	2.5G	2.50	-44.98	-44.98	-42.48	-21.20	-21.28
2432MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.25	-57.25	-54.75	-41.20	-13.55
2432MHz	Pass	2.31G	2.39G	AV	2.39G	2.50	-46.94	-46.94	-44.44	-41.20	-3.24
2432MHz	Pass	2.4835G	2.5G	AV	2.48357G	2.50	-50.49	-50.49	-47.99	-41.20	-6.79
2432MHz	Pass	2.5G	3.1G	AV	2.5009G	2.50	-55.57	-55.57	-53.07	-41.20	-11.87
2432MHz	Pass	1G	2.31G	PK	2.31G	2.50	-46.59	-46.59	-44.09	-21.20	-22.89
2432MHz	Pass	2.31G	2.39G	PK	2.38756G	2.50	-25.71	-25.71	-23.21	-21.20	-2.01
2432MHz	Pass	2.4835G	2.5G	PK	2.48981G	2.50	-33.90	-33.90	-31.40	-21.20	-10.20
2432MHz	Pass	2.5G	3.1G	PK	2.5033G	2.50	-40.28	-40.28	-37.78	-21.20	-16.58
2437MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.65	-57.65	-55.15	-41.20	-13.95
2437MHz	Pass	2.31G	2.39G	AV	2.38984G	2.50	-46.77	-46.77	-44.27	-41.20	-3.07
2437MHz	Pass	2.4835G	2.5G	AV	2.48402G	2.50	-46.96	-46.96	-44.46	-41.20	-3.26
2437MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-52.75	-52.75	-50.25	-41.20	-9.05
2437MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.57	-48.57	-46.07	-21.20	-24.87
2437MHz	Pass	2.31G	2.39G	PK	2.38648G	2.50	-26.42	-26.42	-23.92	-21.20	-2.72
2437MHz	Pass	2.4835G	2.5G	PK	2.48489G	2.50	-29.00	-29.00	-26.50	-21.20	-5.30
2437MHz	Pass	2.5G	3.1G	PK	2.5009G	2.50	-36.06	-36.06	-33.56	-21.20	-12.36



Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2442MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.25	-57.25	-54.75	-41.20	-13.55
2442MHz	Pass	2.31G	2.39G	AV	2.38992G	2.50	-51.09	-51.09	-48.59	-41.20	-7.39
2442MHz	Pass	2.4835G	2.5G	AV	2.48362G	2.50	-46.48	-46.48	-43.98	-41.20	-2.78
2442MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-53.12	-53.12	-50.62	-41.20	-9.42
2442MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.35	-47.35	-44.85	-21.20	-23.65
2442MHz	Pass	2.31G	2.39G	PK	2.38964G	2.50	-29.91	-29.91	-27.41	-21.20	-6.21
2442MHz	Pass	2.4835G	2.5G	PK	2.48392G	2.50	-26.70	-26.70	-24.20	-21.20	-3.00
2442MHz	Pass	2.5G	3.1G	PK	2.5G	2.50	-37.35	-37.35	-34.85	-21.20	-13.65
2447MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.81	-57.81	-55.31	-41.20	-14.11
2447MHz	Pass	2.31G	2.39G	AV	2.38988G	2.50	-54.11	-54.11	-51.61	-41.20	-10.41
2447MHz	Pass	2.4835G	2.5G	AV	2.48354G	2.50	-46.38	-46.38	-43.88	-41.20	-2.68
2447MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-52.93	-52.93	-50.43	-41.20	-9.23
2447MHz	Pass	1G	2.31G	PK	2.31G	2.50	-46.87	-46.87	-44.37	-21.20	-23.17
2447MHz	Pass	2.31G	2.39G	PK	2.3894G	2.50	-35.43	-35.43	-32.93	-21.20	-11.73
2447MHz	Pass	2.4835G	2.5G	PK	2.4854G	2.50	-29.23	-29.23	-26.73	-21.20	-5.53
2447MHz	Pass	2.5G	3.1G	PK	2.5054G	2.50	-39.05	-39.05	-36.55	-21.20	-15.35
2452MHz	Pass	1G	2.31G	AV	2.31G	2.50	-57.74	-57.74	-55.24	-41.20	-14.04
2452MHz	Pass	2.31G	2.39G	AV	2.3884G	2.50	-56.39	-56.39	-53.89	-41.20	-12.69
2452MHz	Pass	2.4835G	2.5G	AV	2.48359G	2.50	-46.44	-46.44	-43.94	-41.20	-2.74
2452MHz	Pass	2.5G	3.1G	AV	2.5003G	2.50	-53.85	-53.85	-51.35	-41.20	-10.15
2452MHz	Pass	1G	2.31G	PK	2.31G	2.50	-47.49	-47.49	-44.99	-21.20	-23.79
2452MHz	Pass	2.31G	2.39G	PK	2.38856G	2.50	-40.03	-40.03	-37.53	-21.20	-16.33
2452MHz	Pass	2.4835G	2.5G	PK	2.48381G	2.50	-25.97	-25.97	-23.47	-21.20	-2.27
2452MHz	Pass	2.5G	3.1G	PK	2.5012G	2.50	-39.77	-39.77	-37.27	-21.20	-16.07
2457MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.25	-58.25	-55.75	-41.20	-14.55
2457MHz	Pass	2.31G	2.39G	AV	2.38988G	2.50	-57.64	-57.64	-55.14	-41.20	-13.94
2457MHz	Pass	2.4835G	2.5G	AV	2.48354G	2.50	-46.51	-46.51	-44.01	-41.20	-2.81
2457MHz	Pass	2.5G	3.1G	AV	2.5009G	2.50	-54.97	-54.97	-52.47	-41.20	-11.27
2457MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.43	-48.43	-45.93	-21.20	-24.73
2457MHz	Pass	2.31G	2.39G	PK	2.38548G	2.50	-45.77	-45.77	-43.27	-21.20	-22.07
2457MHz	Pass	2.4835G	2.5G	PK	2.48359G	2.50	-25.91	-25.91	-23.41	-21.20	-2.21
2457MHz	Pass	2.5G	3.1G	PK	2.5048G	2.50	-40.17	-40.17	-37.67	-21.20	-16.47
2462MHz	Pass	1G	2.31G	AV	2.31G	2.50	-58.86	-58.86	-56.36	-41.20	-15.16
2462MHz	Pass	2.31G	2.39G	AV	2.3852G	2.50	-58.73	-58.73	-56.23	-41.20	-15.03
2462MHz	Pass	2.4835G	2.5G	AV	2.48376G	2.50	-52.04	-52.04	-49.54	-41.20	-8.34
2462MHz	Pass	2.5G	3.1G	AV	2.5G	2.50	-57.55	-57.55	-55.05	-41.20	-13.85
2462MHz	Pass	1G	2.31G	PK	2.31G	2.50	-48.31	-48.31	-45.81	-21.20	-24.61
2462MHz	Pass	2.31G	2.39G	PK	2.36872G	2.50	-47.53	-47.53	-45.03	-21.20	-23.83
2462MHz	Pass	2.4835G	2.5G	PK	2.48392G	2.50	-25.99	-25.99	-23.49	-21.20	-2.29
2462MHz	Pass	2.5G	3.1G	PK	2.515G	2.50	-45.06	-45.06	-42.56	-21.20	-21.36

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



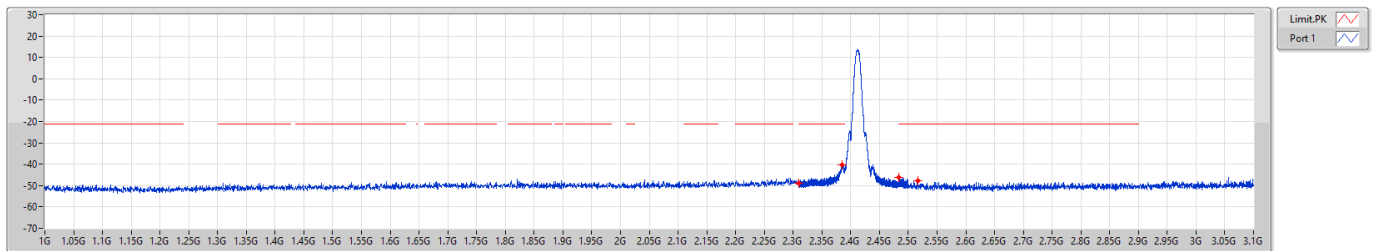
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE Bandedge [PK]

2412MHz

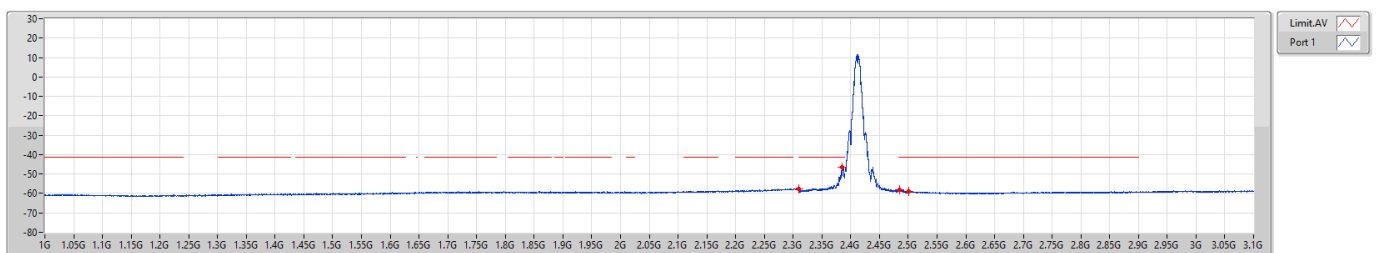


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.80	-48.80
2.31G	2.39G	1M	PK	2.38576G	-40.23	-40.23
2.4835G	2.5G	1M	PK	2.4839G	-46.14	-46.14
2.5G	3.1G	1M	PK	2.5171G	-47.75	-47.75

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE Bandedge [AV]

2412MHz



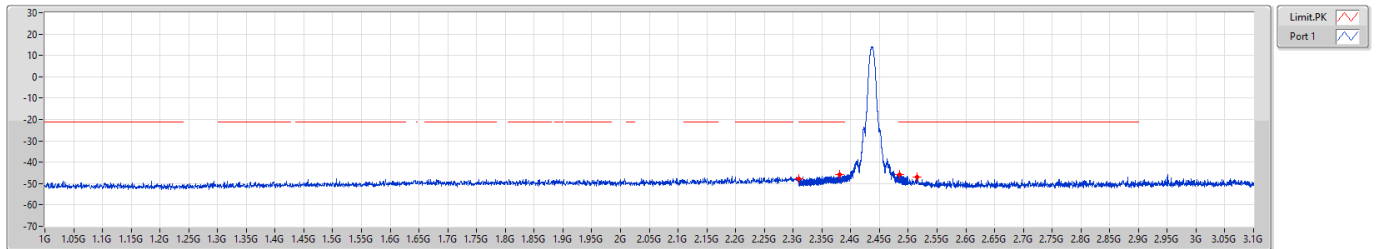
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.49	-57.49
2.31G	2.39G	1M	AV	2.38544G	-46.33	-46.33
2.4835G	2.5G	1M	AV	2.48541G	-58.09	-58.09
2.5G	3.1G	1M	AV	2.5006G	-58.99	-58.99



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE Bandedge [PK]

2437MHz

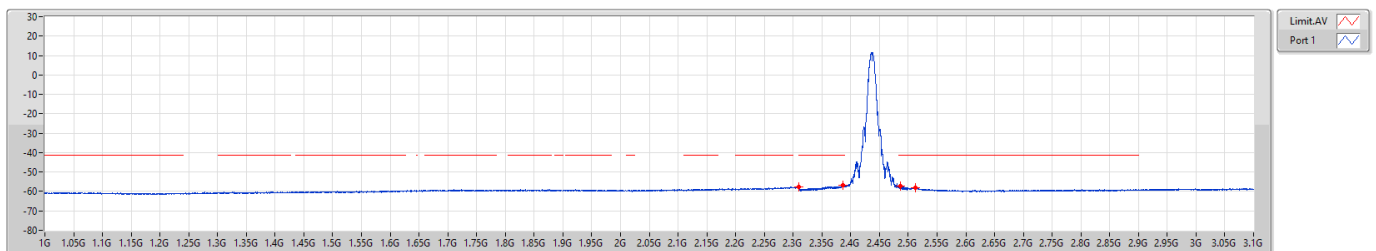


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.90	-47.90
2.31G	2.39G	1M	PK	2.3808G	-45.73	-45.73
2.4835G	2.5G	1M	PK	2.48426G	-45.77	-45.77
2.5G	3.1G	1M	PK	2.5159G	-47.02	-47.02

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE Bandedge [AV]

2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.83	-57.83
2.31G	2.39G	1M	AV	2.386G	-56.95	-56.95
2.4835G	2.5G	1M	AV	2.48588G	-57.31	-57.31
2.5G	3.1G	1M	AV	2.5123G	-58.12	-58.12



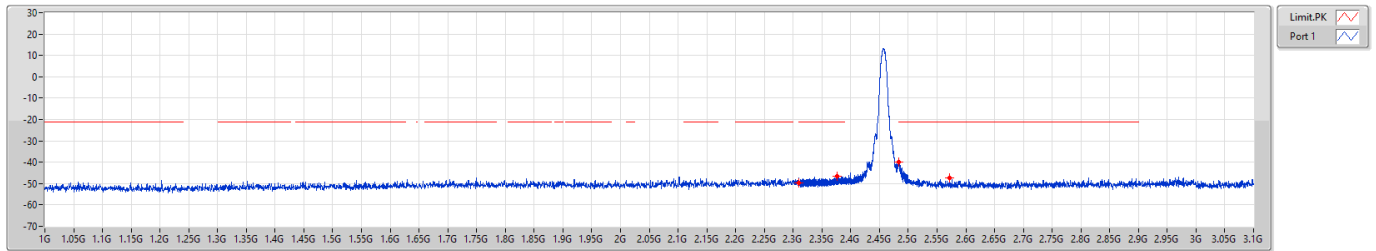
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1_(1Mbps)_1TX

CSE Bandedge [PK]

2457MHz

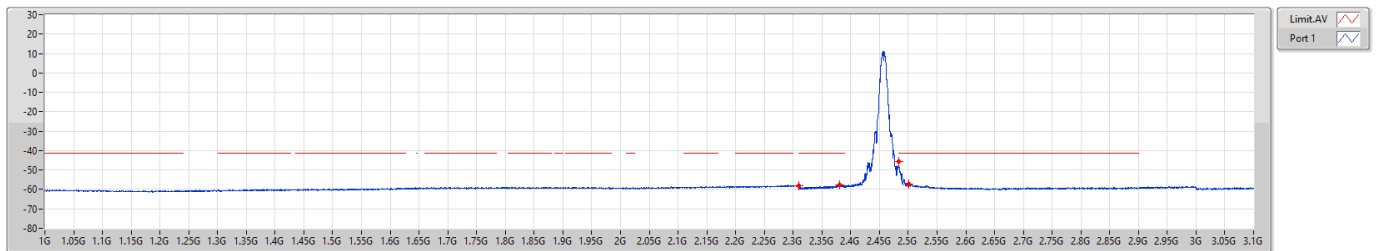


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-49.66	-49.66
2.31G	2.39G	1M	PK	2.37636G	-46.41	-46.41
2.4835G	2.5G	1M	PK	2.48357G	-40.01	-40.01
2.5G	3.1G	1M	PK	2.5723G	-47.53	-47.53

2.4-2.4835GHz_802.11b_Nss1_(1Mbps)_1TX

CSE Bandedge [AV]

2457MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.03	-58.03
2.31G	2.39G	1M	AV	2.38124G	-57.56	-57.56
2.4835G	2.5G	1M	AV	2.48367G	-45.79	-45.79
2.5G	3.1G	1M	AV	2.5009G	-57.34	-57.34



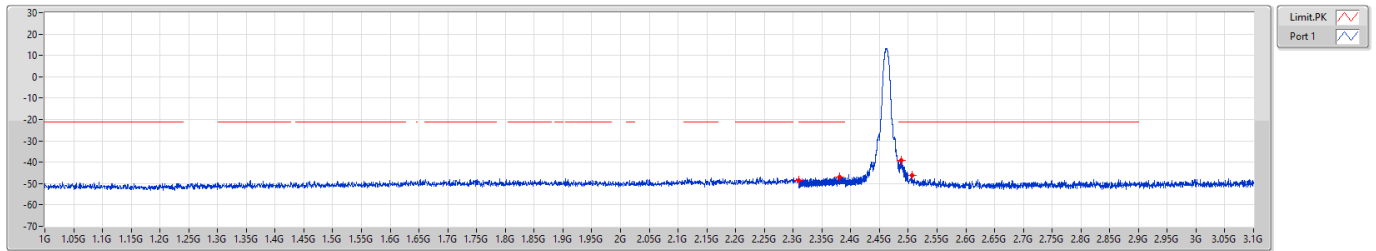
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE Bandedge [PK]

2462MHz

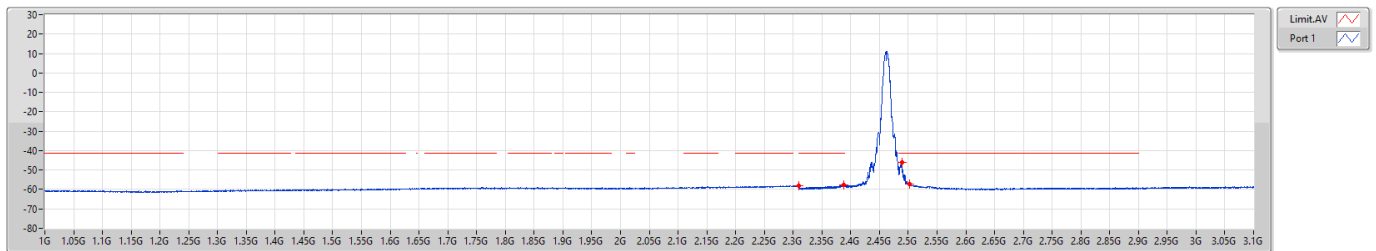


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.34	-48.34
2.31G	2.39G	1M	PK	2.3814G	-46.77	-46.77
2.4835G	2.5G	1M	PK	2.48808G	-39.16	-39.16
2.5G	3.1G	1M	PK	2.506G	-46.19	-46.19

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE Bandedge [AV]

2462MHz



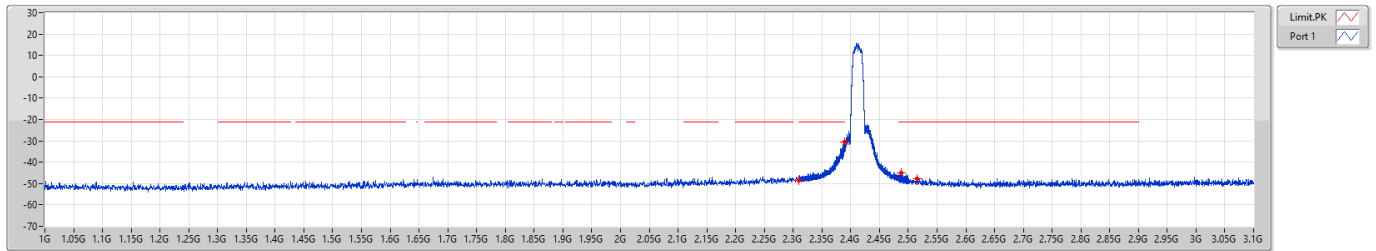
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.08	-58.08
2.31G	2.39G	1M	AV	2.38792G	-57.71	-57.71
2.4835G	2.5G	1M	AV	2.48871G	-45.86	-45.86
2.5G	3.1G	1M	AV	2.5024G	-57.08	-57.08



2.4-2.4835GHz_802.11g_Nss1_(6Mbps)_1TX

CSE Bandedge [PK]

2412MHz

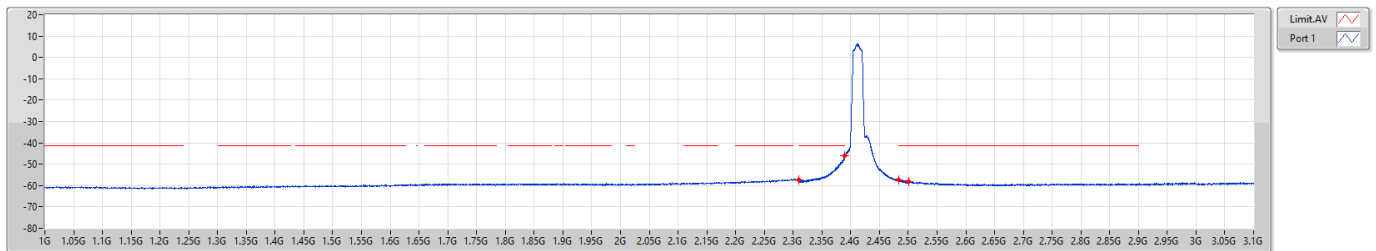


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.61	-48.61
2.31G	2.39G	1M	PK	2.39G	-30.40	-30.40
2.4835G	2.5G	1M	PK	2.48762G	-45.04	-45.04
2.5G	3.1G	1M	PK	2.5159G	-47.63	-47.63

2.4-2.4835GHz_802.11g_Nss1_(6Mbps)_1TX

CSE Bandedge [AV]

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.49	-57.49
2.31G	2.39G	1M	AV	2.39G	-46.09	-46.09
2.4835G	2.5G	1M	AV	2.48403G	-57.27	-57.27
2.5G	3.1G	1M	AV	2.5012G	-58.24	-58.24



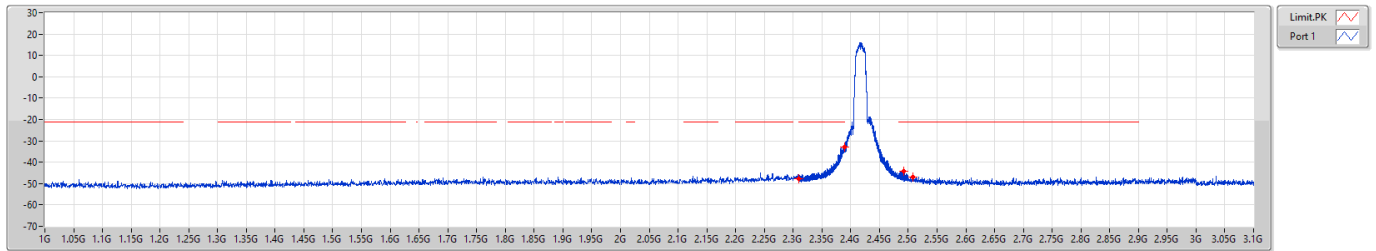
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

2417MHz

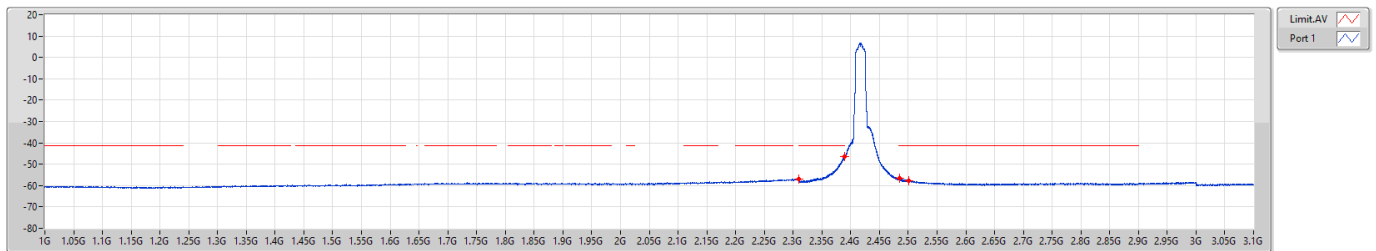


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.82	-47.82
2.31G	2.39G	1M	PK	2.38996G	-32.85	-32.85
2.4835G	2.5G	1M	PK	2.49231G	-44.37	-44.37
2.5G	3.1G	1M	PK	2.5087G	-46.78	-46.78

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

2417MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.05	-57.05
2.31G	2.39G	1M	AV	2.38988G	-46.29	-46.29
2.4835G	2.5G	1M	AV	2.48475G	-56.59	-56.59
2.5G	3.1G	1M	AV	2.5009G	-57.83	-57.83



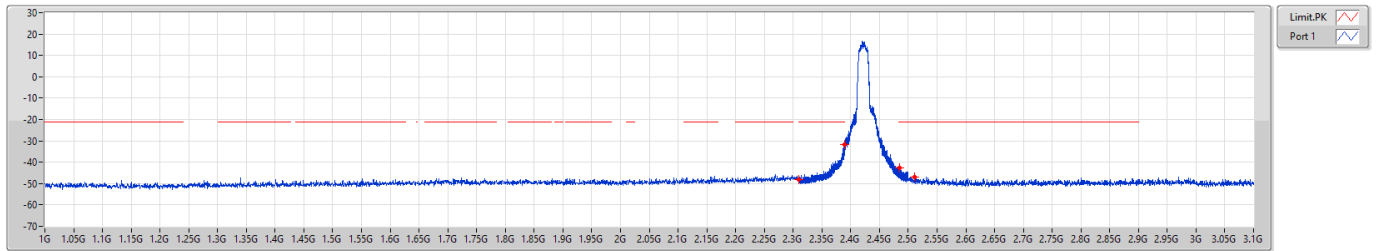
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

2422MHz

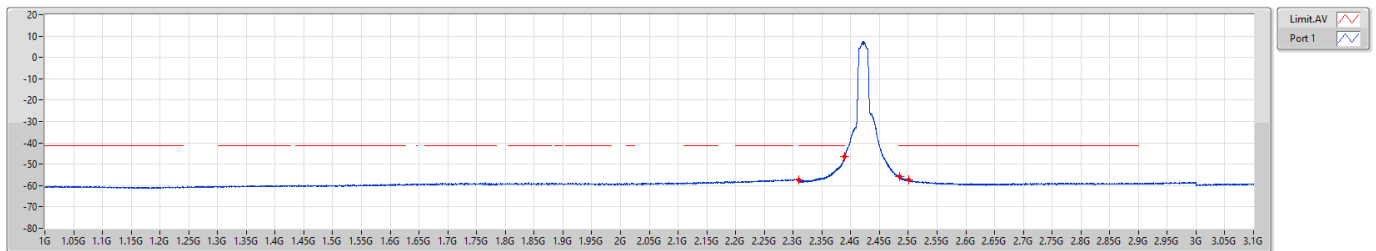


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.10	-48.10
2.31G	2.39G	1M	PK	2.38996G	-31.64	-31.64
2.4835G	2.5G	1M	PK	2.48426G	-42.78	-42.78
2.5G	3.1G	1M	PK	2.5108G	-46.98	-46.98

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

2422MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.25	-57.25
2.31G	2.39G	1M	AV	2.38996G	-46.56	-46.56
2.4835G	2.5G	1M	AV	2.48422G	-55.66	-55.66
2.5G	3.1G	1M	AV	2.5012G	-57.23	-57.23



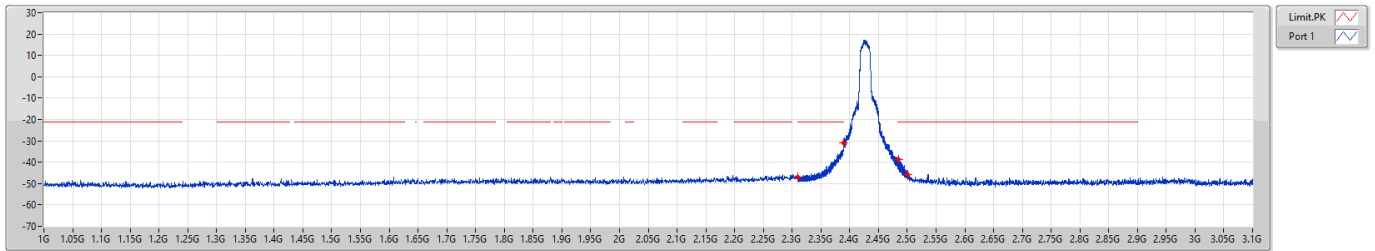
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1_(6Mbps)_1TX

CSE Bandedge [PK]

2427MHz

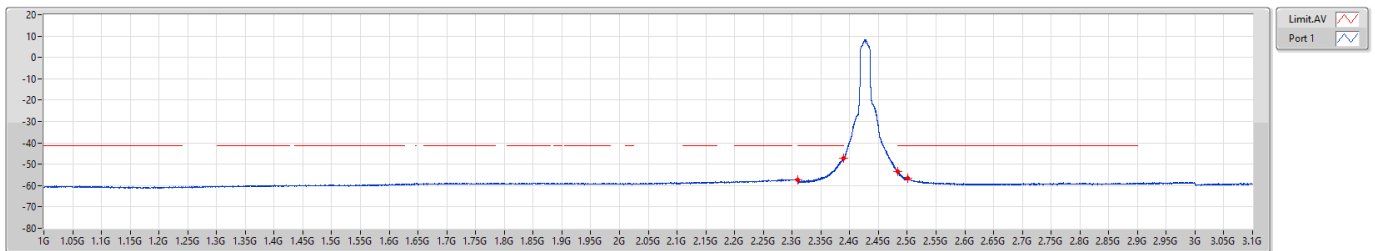


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.12	-47.12
2.31G	2.39G	1M	PK	2.38992G	-30.76	-30.76
2.4835G	2.5G	1M	PK	2.48428G	-38.90	-38.90
2.5G	3.1G	1M	PK	2.5012G	-45.62	-45.62

2.4-2.4835GHz_802.11g_Nss1_(6Mbps)_1TX

CSE Bandedge [AV]

2427MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.21	-57.21
2.31G	2.39G	1M	AV	2.3898G	-47.34	-47.34
2.4835G	2.5G	1M	AV	2.48367G	-53.28	-53.28
2.5G	3.1G	1M	AV	2.5006G	-56.64	-56.64



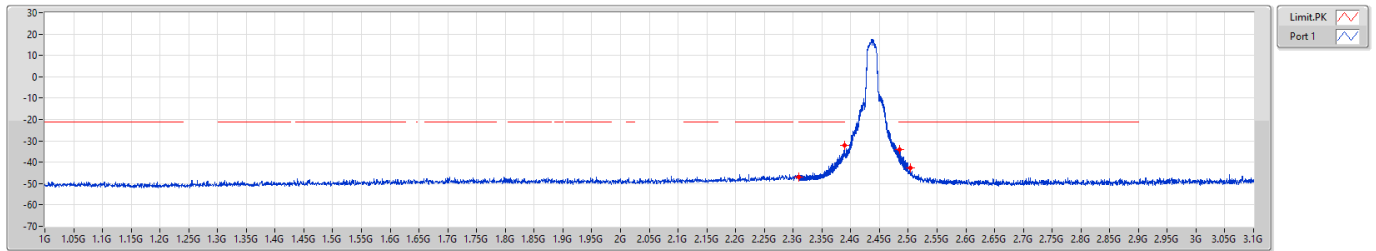
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

2437MHz

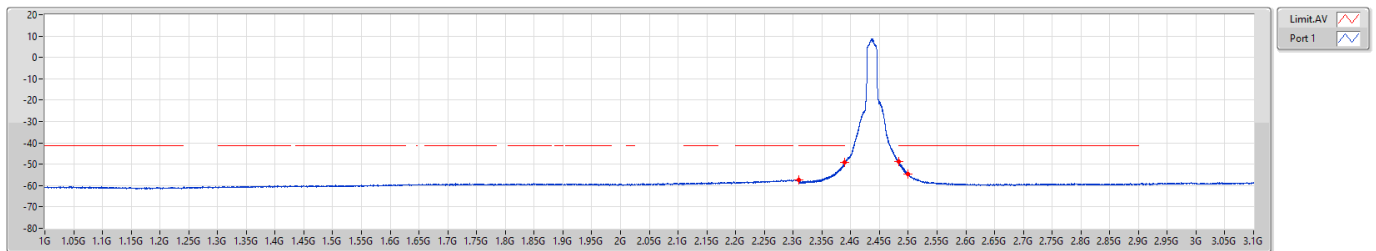


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-46.81	-46.81
2.31G	2.39G	1M	PK	2.3894G	-32.28	-32.28
2.4835G	2.5G	1M	PK	2.48507G	-34.13	-34.13
2.5G	3.1G	1M	PK	2.5036G	-42.70	-42.70

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.52	-57.52
2.31G	2.39G	1M	AV	2.39G	-49.09	-49.09
2.4835G	2.5G	1M	AV	2.48363G	-48.93	-48.93
2.5G	3.1G	1M	AV	2.5G	-54.71	-54.71



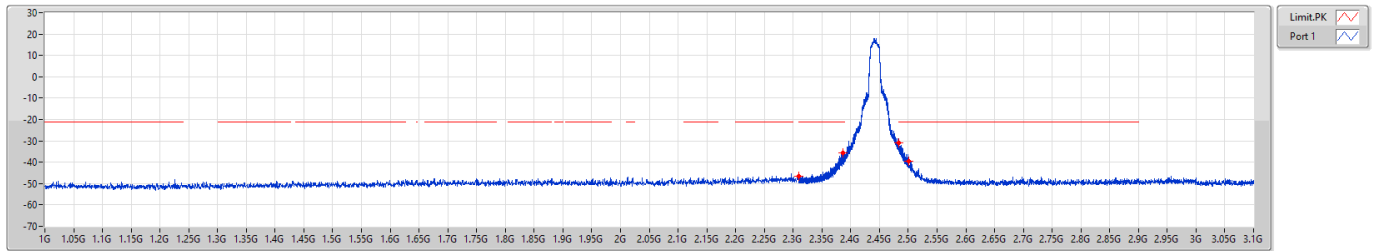
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

2442MHz

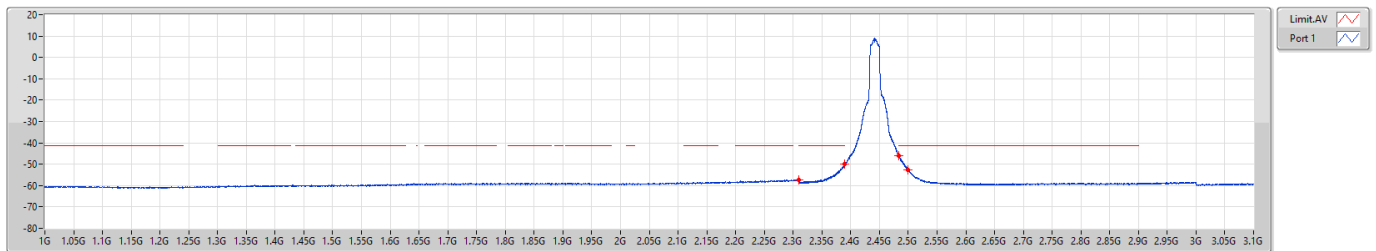


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-46.64	-46.64
2.31G	2.39G	1M	PK	2.38504G	-35.64	-35.64
2.4835G	2.5G	1M	PK	2.4835G	-31.07	-31.07
2.5G	3.1G	1M	PK	2.5006G	-39.45	-39.45

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

2442MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.52	-57.52
2.31G	2.39G	1M	AV	2.39G	-50.08	-50.08
2.4835G	2.5G	1M	AV	2.48354G	-45.90	-45.90
2.5G	3.1G	1M	AV	2.5G	-52.80	-52.80



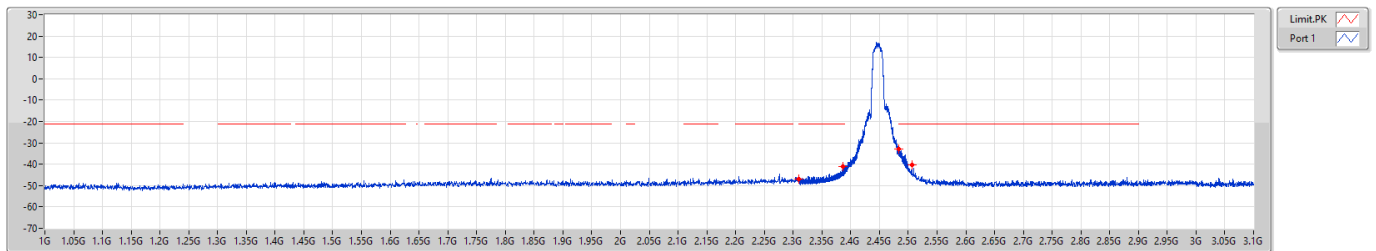
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

2447MHz

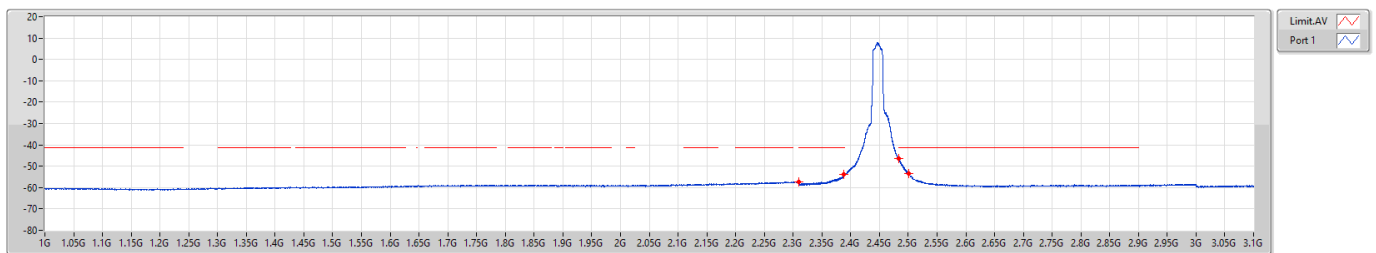


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-46.96	-46.96
2.31G	2.39G	1M	PK	2.3862G	-41.19	-41.19
2.4835G	2.5G	1M	PK	2.48378G	-32.99	-32.99
2.5G	3.1G	1M	PK	2.5066G	-40.12	-40.12

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

2447MHz



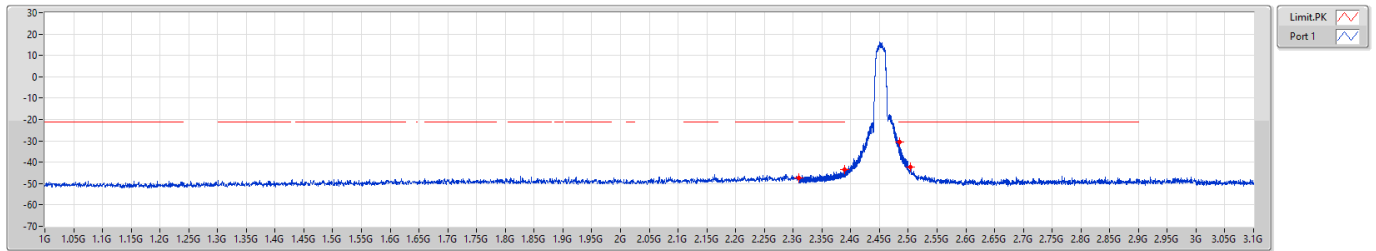
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.35	-57.35
2.31G	2.39G	1M	AV	2.38836G	-54.02	-54.02
2.4835G	2.5G	1M	AV	2.48372G	-46.22	-46.22
2.5G	3.1G	1M	AV	2.5003G	-53.43	-53.43



2.4-2.4835GHz_802.11g_Nss1_(6Mbps)_1TX

CSE Bandedge [PK]

2452MHz

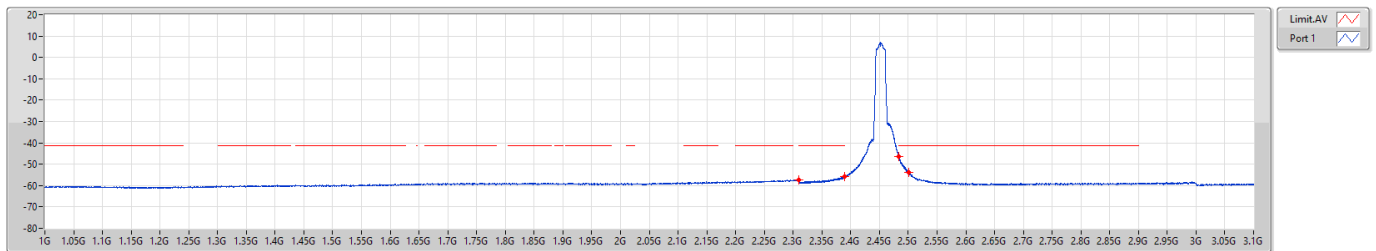


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.22	-47.22
2.31G	2.39G	1M	PK	2.38908G	-43.36	-43.36
2.4835G	2.5G	1M	PK	2.48424G	-30.69	-30.69
2.5G	3.1G	1M	PK	2.5036G	-42.42	-42.42

2.4-2.4835GHz_802.11g_Nss1_(6Mbps)_1TX

CSE Bandedge [AV]

2452MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.49	-57.49
2.31G	2.39G	1M	AV	2.389G	-55.82	-55.82
2.4835G	2.5G	1M	AV	2.48353G	-46.51	-46.51
2.5G	3.1G	1M	AV	2.5003G	-54.02	-54.02



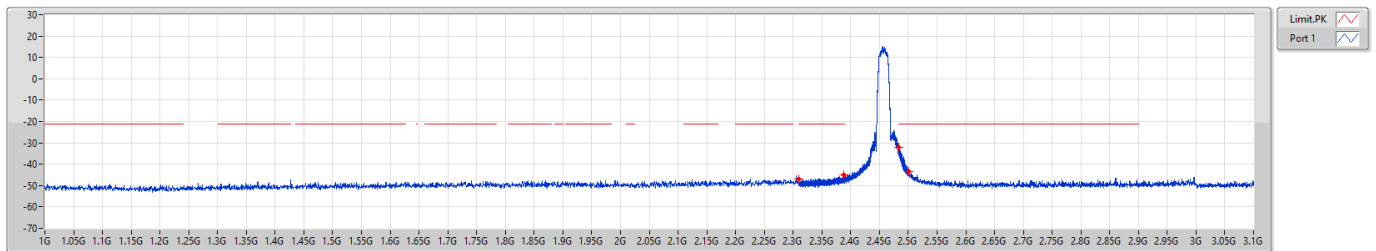
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1_(6Mbps)_1TX

CSE Bandedge [PK]

2457MHz

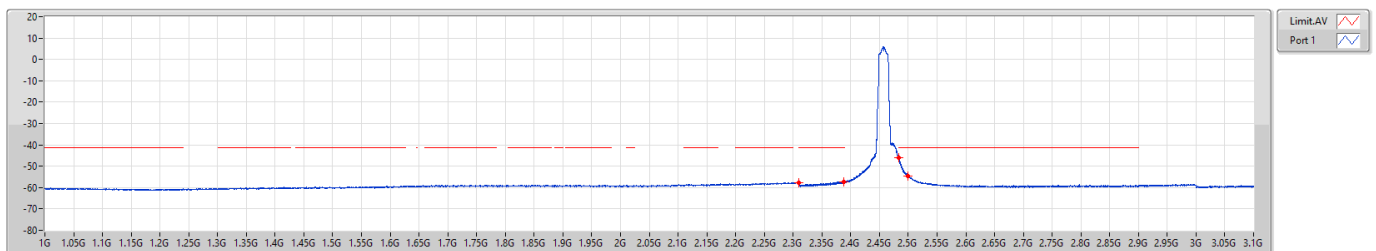


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.01	-47.01
2.31G	2.39G	1M	PK	2.38864G	-45.07	-45.07
2.4835G	2.5G	1M	PK	2.48397G	-32.02	-32.02
2.5G	3.1G	1M	PK	2.5006G	-43.33	-43.33

2.4-2.4835GHz_802.11g_Nss1_(6Mbps)_1TX

CSE Bandedge [AV]

2457MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.77	-57.77
2.31G	2.39G	1M	AV	2.38832G	-57.17	-57.17
2.4835G	2.5G	1M	AV	2.4835G	-45.98	-45.98
2.5G	3.1G	1M	AV	2.5G	-54.46	-54.46



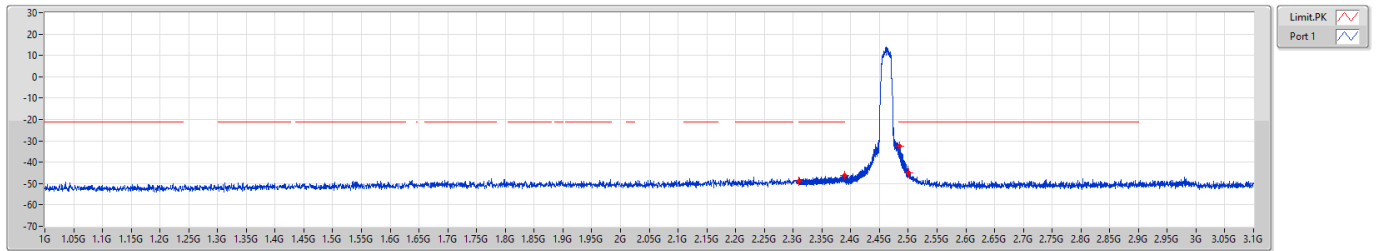
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [PK]

2462MHz

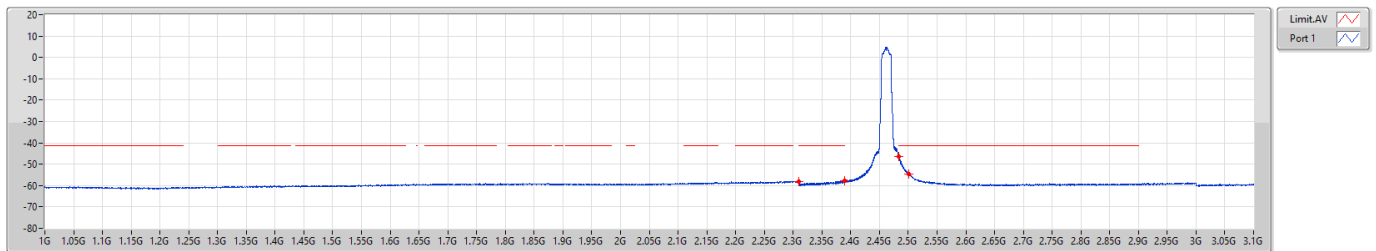


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.85	-48.85
2.31G	2.39G	1M	PK	2.38908G	-46.27	-46.27
2.4835G	2.5G	1M	PK	2.4848G	-32.32	-32.32
2.5G	3.1G	1M	PK	2.5009G	-44.98	-44.98

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE Bandedge [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.30	-58.30
2.31G	2.39G	1M	AV	2.38912G	-57.71	-57.71
2.4835G	2.5G	1M	AV	2.48354G	-46.54	-46.54
2.5G	3.1G	1M	AV	2.5012G	-54.70	-54.70



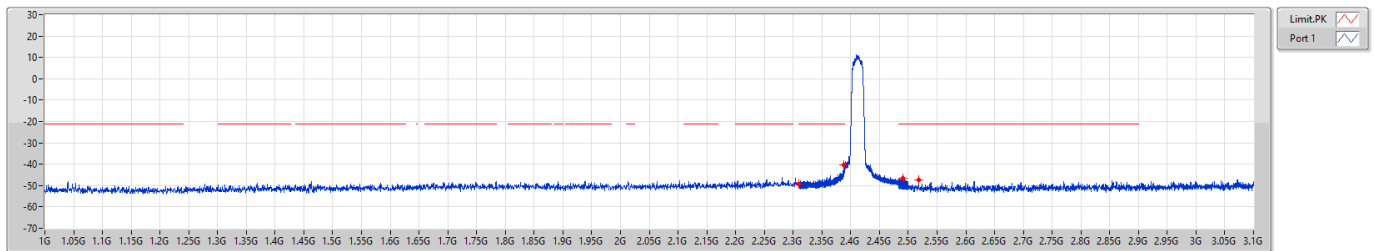
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2412MHz

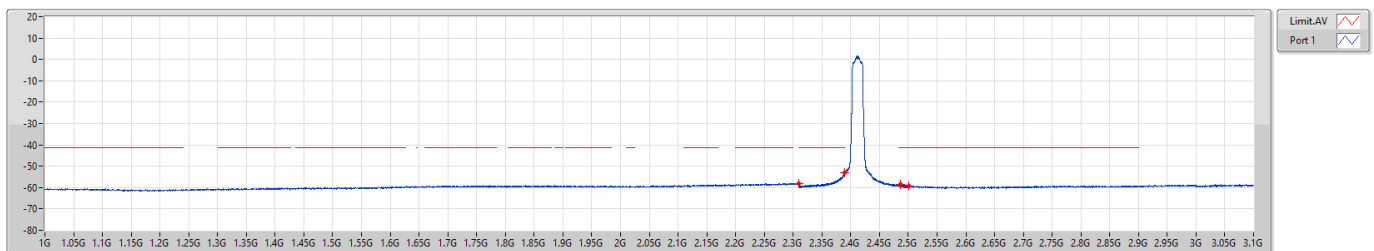


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-49.47	-49.47
2.31G	2.39G	1M	PK	2.38752G	-40.12	-40.12
2.4835G	2.5G	1M	PK	2.49139G	-46.51	-46.51
2.5G	3.1G	1M	PK	2.5183G	-47.47	-47.47

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.29	-58.29
2.31G	2.39G	1M	AV	2.38996G	-53.23	-53.23
2.4835G	2.5G	1M	AV	2.48654G	-58.63	-58.63
2.5G	3.1G	1M	AV	2.5012G	-59.23	-59.23



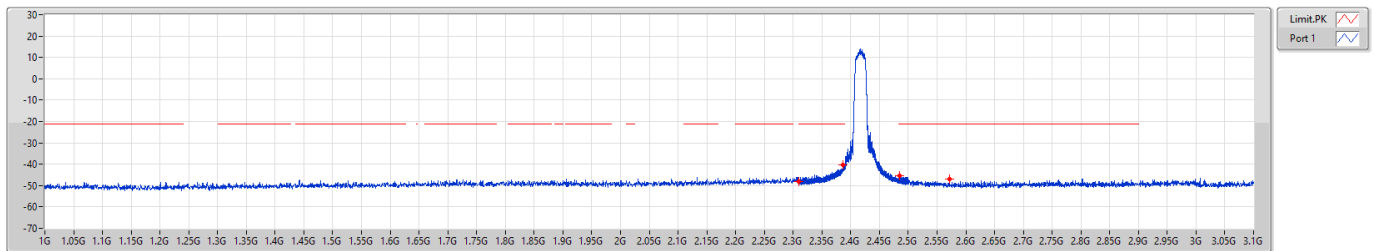
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2417MHz

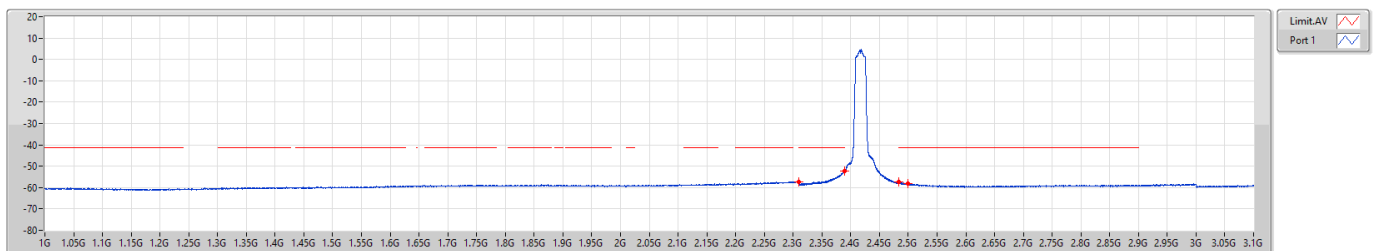


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.07	-48.07
2.31G	2.39G	1M	PK	2.3872G	-40.39	-40.39
2.4835G	2.5G	1M	PK	2.48453G	-45.57	-45.57
2.5G	3.1G	1M	PK	2.5714G	-47.09	-47.09

2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2417MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.45	-57.45
2.31G	2.39G	1M	AV	2.3894G	-52.26	-52.26
2.4835G	2.5G	1M	AV	2.48383G	-57.53	-57.53
2.5G	3.1G	1M	AV	2.5G	-58.29	-58.29



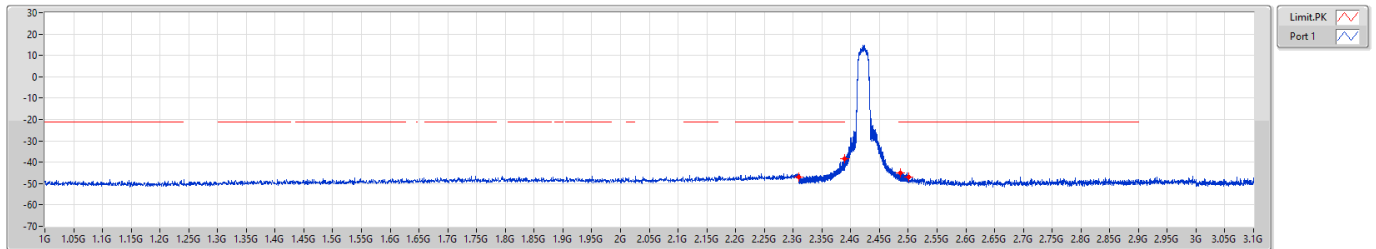
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2422MHz

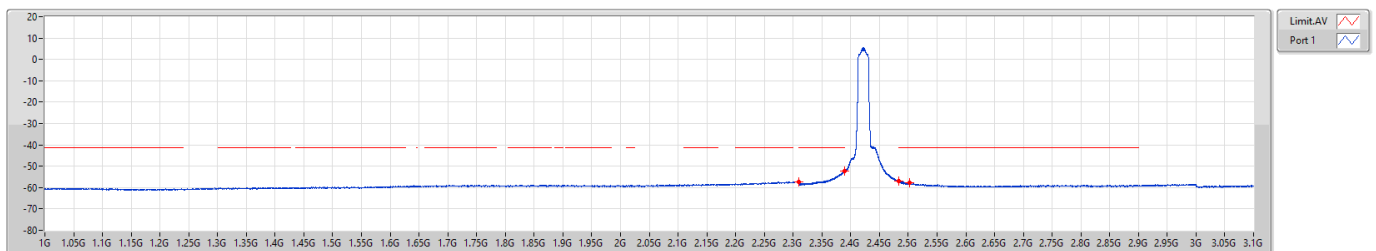


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.04	-47.04
2.31G	2.39G	1M	PK	2.3892G	-38.26	-38.26
2.4835G	2.5G	1M	PK	2.4861G	-44.85	-44.85
2.5G	3.1G	1M	PK	2.5006G	-46.79	-46.79

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2422MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.52	-57.52
2.31G	2.39G	1M	AV	2.38912G	-52.19	-52.19
2.4835G	2.5G	1M	AV	2.48404G	-56.80	-56.80
2.5G	3.1G	1M	AV	2.5027G	-57.85	-57.85



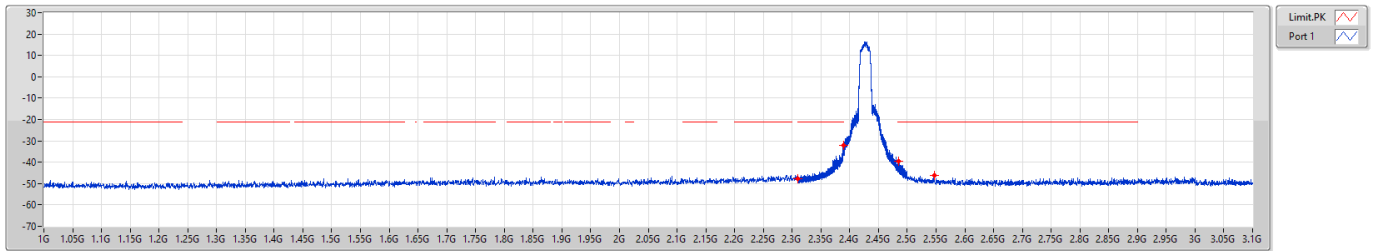
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2427MHz

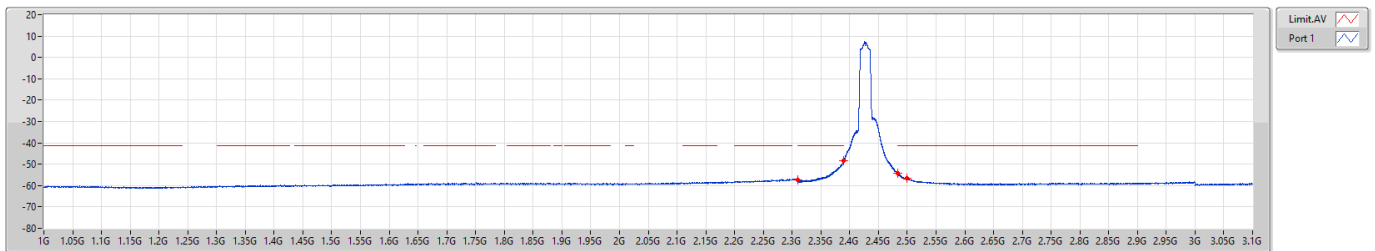


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.84	-47.84
2.31G	2.39G	1M	PK	2.38968G	-32.01	-32.01
2.4835G	2.5G	1M	PK	2.48555G	-39.72	-39.72
2.5G	3.1G	1M	PK	2.5465G	-46.22	-46.22

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2427MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.32	-57.32
2.31G	2.39G	1M	AV	2.38996G	-48.22	-48.22
2.4835G	2.5G	1M	AV	2.48367G	-54.09	-54.09
2.5G	3.1G	1M	AV	2.5G	-56.54	-56.54



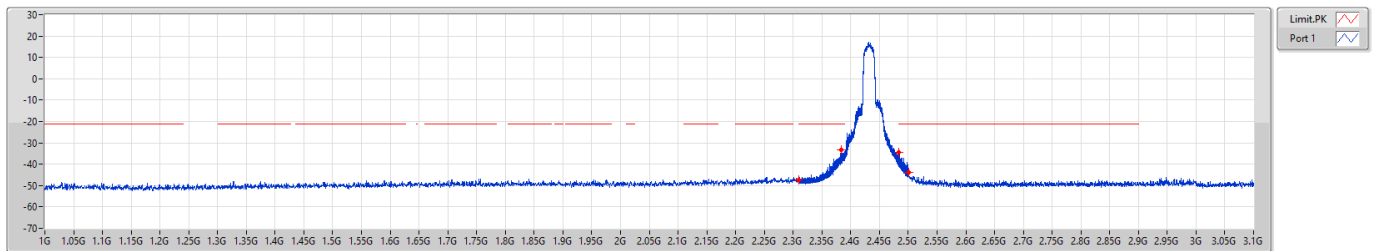
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2432MHz

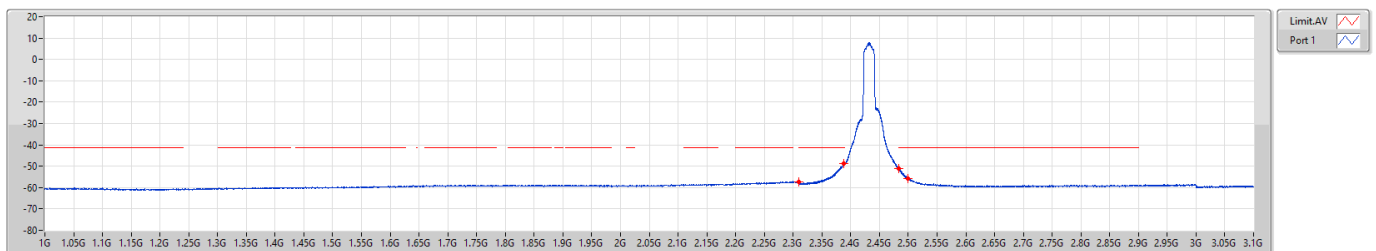


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.48	-47.48
2.31G	2.39G	1M	PK	2.38288G	-33.40	-33.40
2.4835G	2.5G	1M	PK	2.48407G	-34.44	-34.44
2.5G	3.1G	1M	PK	2.5006G	-43.85	-43.85

2.4-2.4835GHz_802.11n_HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2432MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.28	-57.28
2.31G	2.39G	1M	AV	2.38848G	-48.87	-48.87
2.4835G	2.5G	1M	AV	2.48375G	-51.10	-51.10
2.5G	3.1G	1M	AV	2.5G	-55.76	-55.76



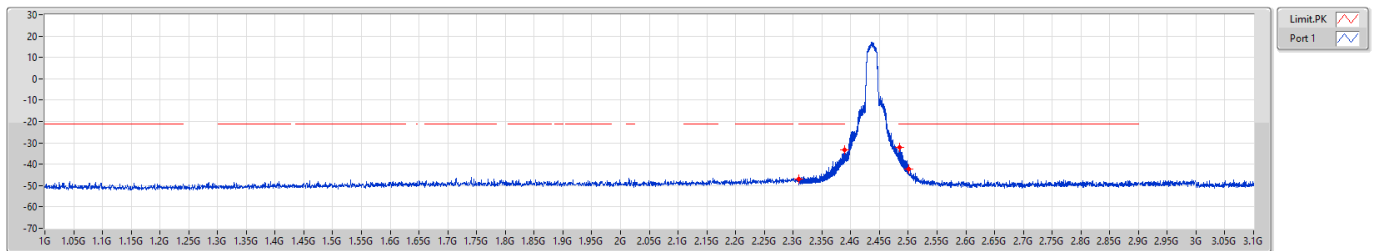
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2437MHz

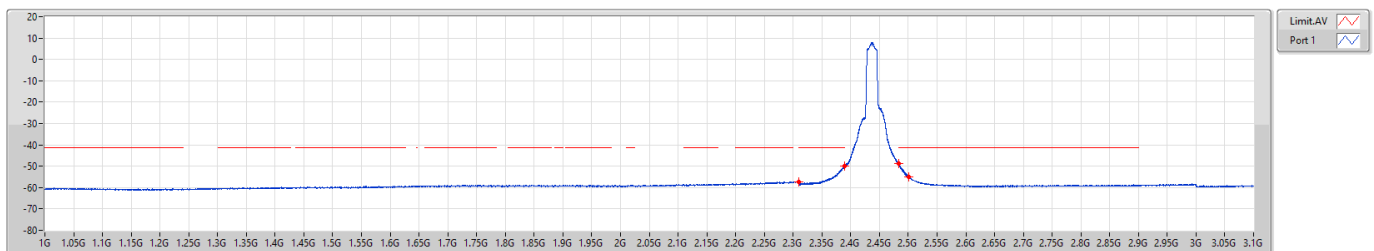


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.04	-47.04
2.31G	2.39G	1M	PK	2.38956G	-33.47	-33.47
2.4835G	2.5G	1M	PK	2.48433G	-32.22	-32.22
2.5G	3.1G	1M	PK	2.5006G	-42.14	-42.14

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.42	-57.42
2.31G	2.39G	1M	AV	2.39G	-49.75	-49.75
2.4835G	2.5G	1M	AV	2.48367G	-48.76	-48.76
2.5G	3.1G	1M	AV	2.5003G	-54.95	-54.95



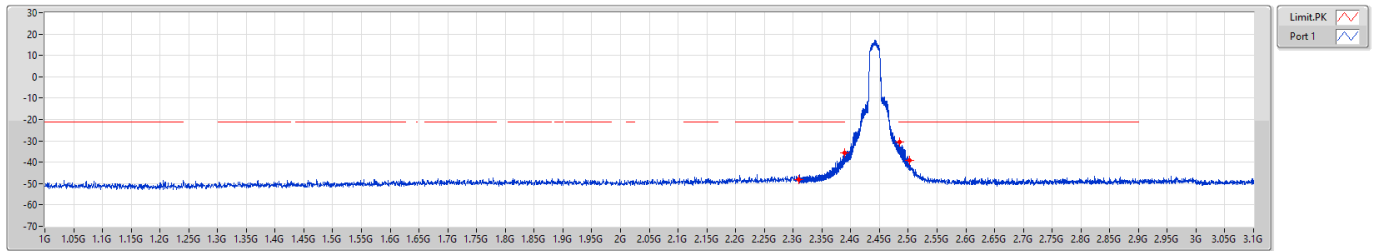
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2442MHz

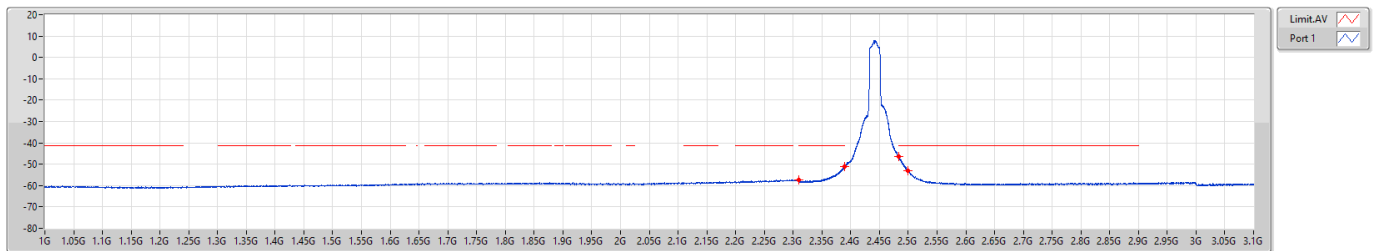


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.07	-48.07
2.31G	2.39G	1M	PK	2.38956G	-35.61	-35.61
2.4835G	2.5G	1M	PK	2.48422G	-30.56	-30.56
2.5G	3.1G	1M	PK	2.5024G	-39.21	-39.21

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2442MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.35	-57.35
2.31G	2.39G	1M	AV	2.38932G	-51.00	-51.00
2.4835G	2.5G	1M	AV	2.48369G	-46.28	-46.28
2.5G	3.1G	1M	AV	2.5G	-53.17	-53.17



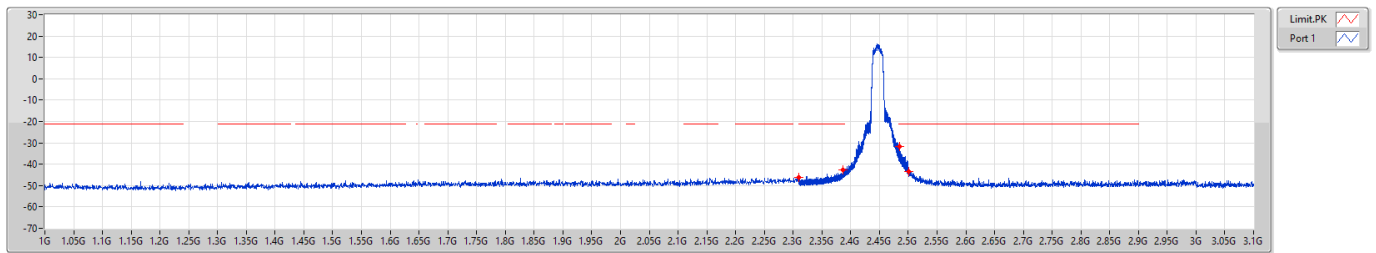
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2447MHz

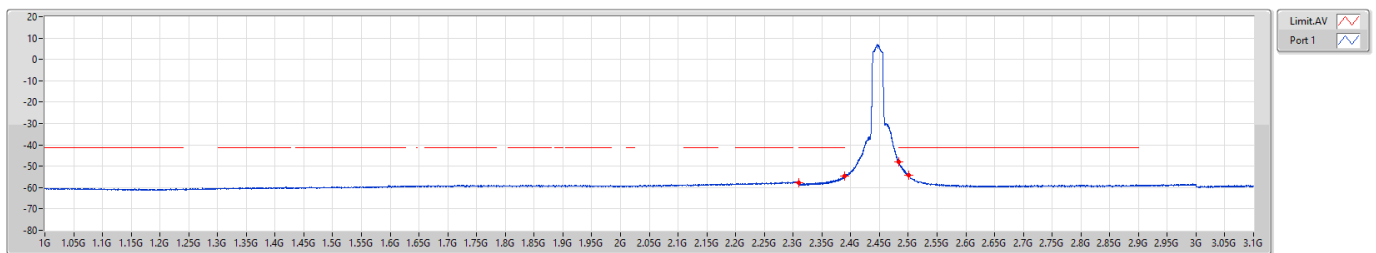


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-46.32	-46.32
2.31G	2.39G	1M	PK	2.38608G	-42.49	-42.49
2.4835G	2.5G	1M	PK	2.48425G	-31.82	-31.82
2.5G	3.1G	1M	PK	2.5009G	-43.57	-43.57

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2447MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.56	-57.56
2.31G	2.39G	1M	AV	2.38948G	-54.77	-54.77
2.4835G	2.5G	1M	AV	2.48376G	-48.14	-48.14
2.5G	3.1G	1M	AV	2.5009G	-54.32	-54.32



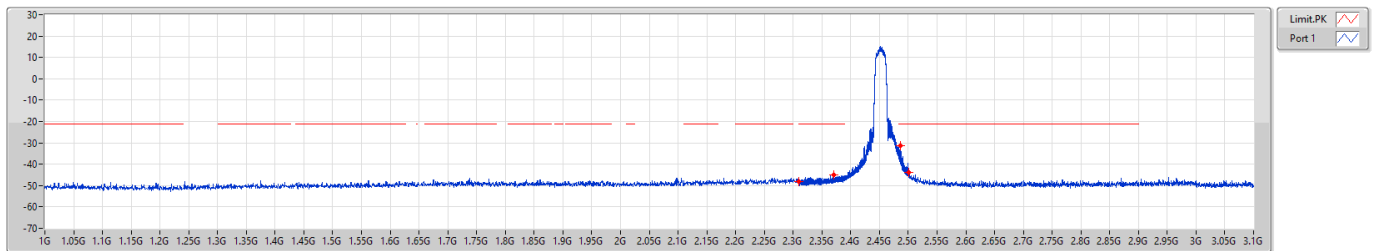
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2452MHz

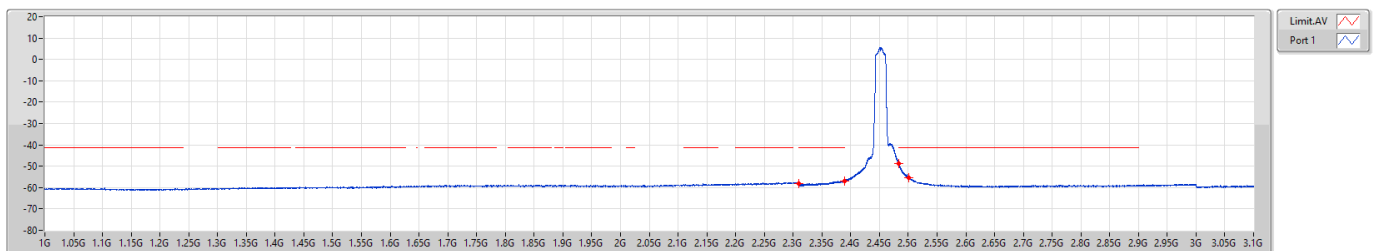


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.94	-47.94
2.31G	2.39G	1M	PK	2.36988G	-44.90	-44.90
2.4835G	2.5G	1M	PK	2.48641G	-31.31	-31.31
2.5G	3.1G	1M	PK	2.5009G	-43.97	-43.97

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2452MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.10	-58.10
2.31G	2.39G	1M	AV	2.369G	-56.83	-56.83
2.4835G	2.5G	1M	AV	2.48393G	-48.69	-48.69
2.5G	3.1G	1M	AV	2.5006G	-55.39	-55.39



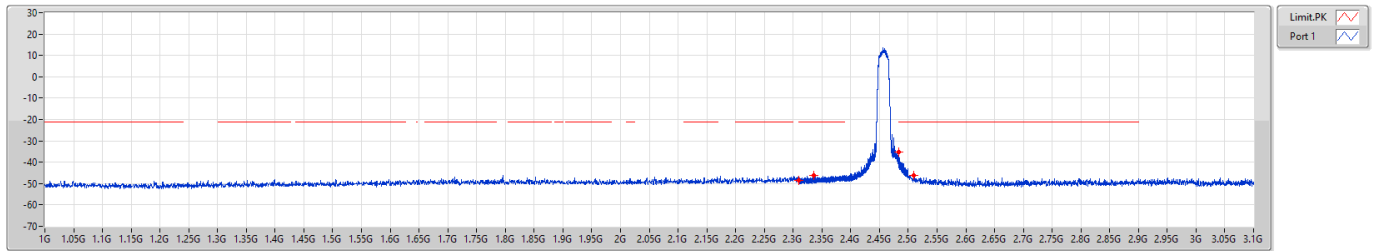
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2457MHz

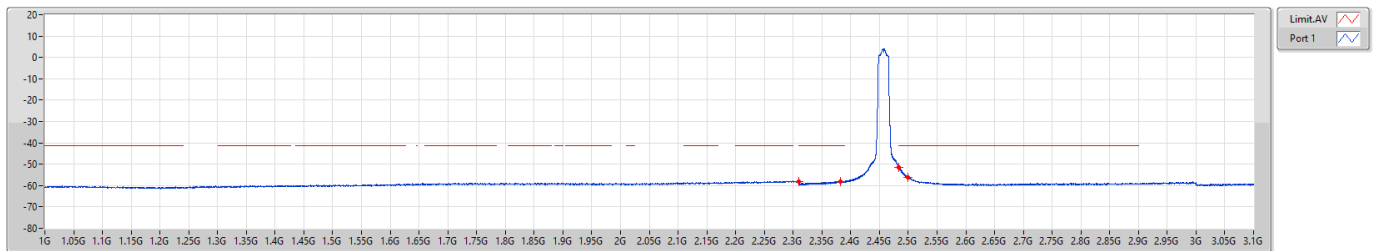


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.33	-48.33
2.31G	2.39G	1M	PK	2.33632G	-46.15	-46.15
2.4835G	2.5G	1M	PK	2.48384G	-35.12	-35.12
2.5G	3.1G	1M	PK	2.5099G	-46.05	-46.05

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2457MHz



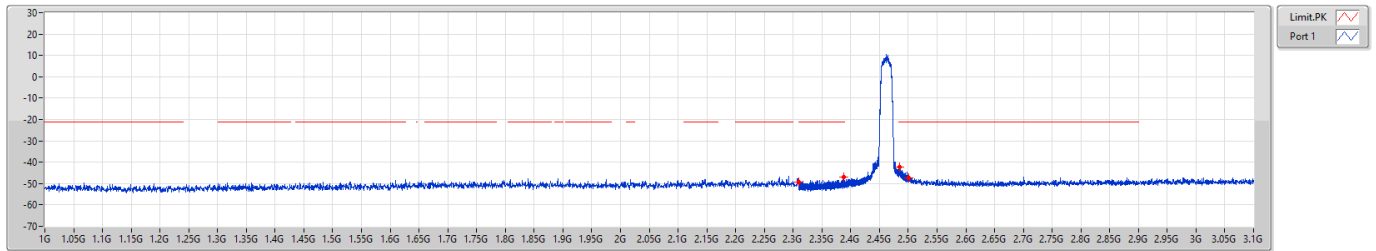
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.06	-58.06
2.31G	2.39G	1M	AV	2.38252G	-57.93	-57.93
2.4835G	2.5G	1M	AV	2.48397G	-51.31	-51.31
2.5G	3.1G	1M	AV	2.5G	-56.31	-56.31



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2462MHz

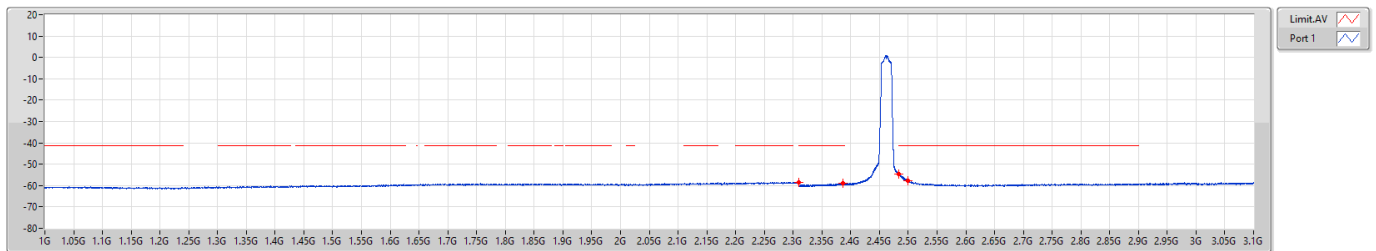


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-49.32	-49.32
2.31G	2.39G	1M	PK	2.38816G	-46.78	-46.78
2.4835G	2.5G	1M	PK	2.48501G	-42.09	-42.09
2.5G	3.1G	1M	PK	2.5012G	-47.24	-47.24

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.63	-58.63
2.31G	2.39G	1M	AV	2.38656G	-59.04	-59.04
2.4835G	2.5G	1M	AV	2.48366G	-54.57	-54.57
2.5G	3.1G	1M	AV	2.5G	-57.89	-57.89



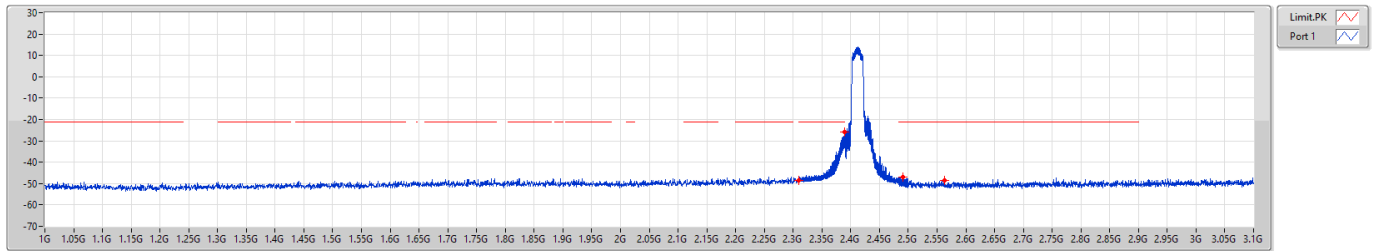
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2412MHz

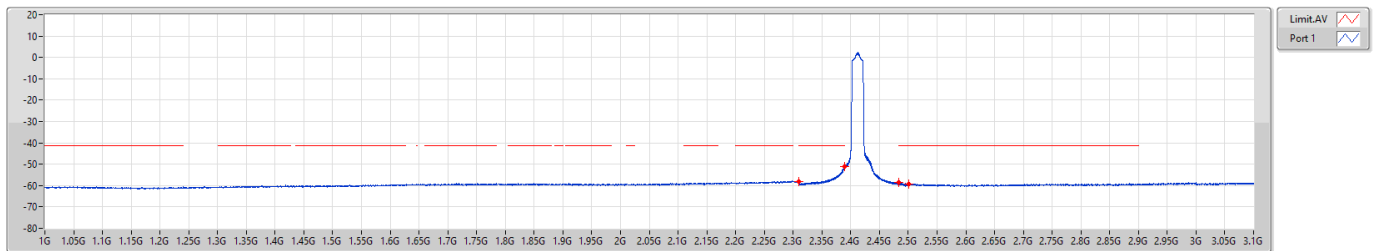


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.71	-48.71
2.31G	2.39G	1M	PK	2.38908G	-25.91	-25.91
2.4835G	2.5G	1M	PK	2.49044G	-47.13	-47.13
2.5G	3.1G	1M	PK	2.5633G	-48.35	-48.35

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.18	-58.18
2.31G	2.39G	1M	AV	2.38988G	-51.06	-51.06
2.4835G	2.5G	1M	AV	2.48353G	-58.71	-58.71
2.5G	3.1G	1M	AV	2.5009G	-59.26	-59.26



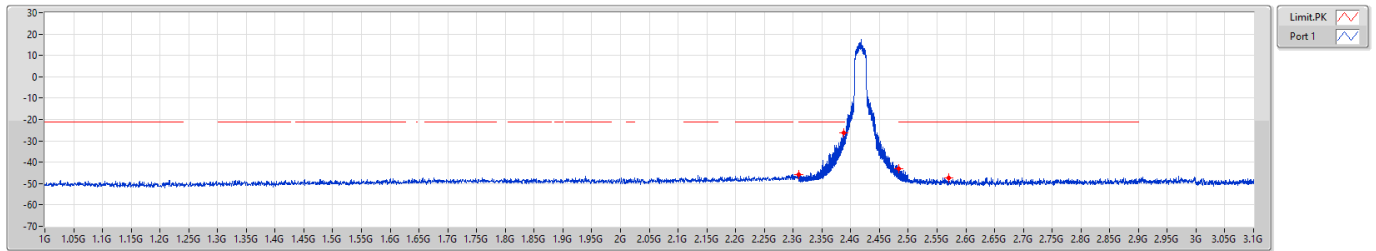
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2417MHz

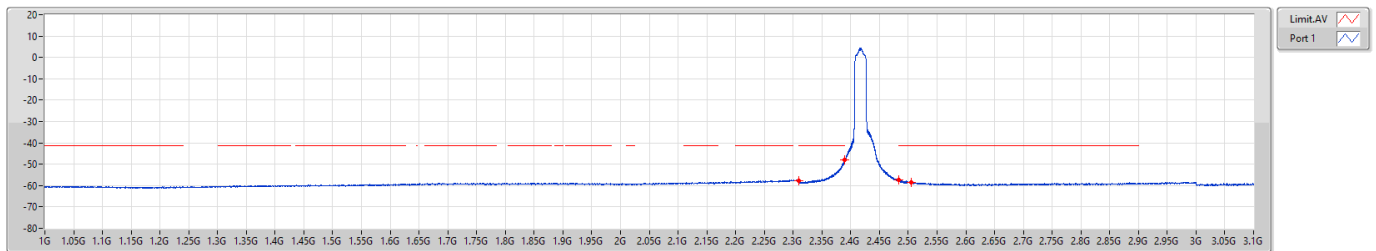


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-45.71	-45.71
2.31G	2.39G	1M	PK	2.38796G	-26.26	-26.26
2.4835G	2.5G	1M	PK	2.48357G	-43.14	-43.14
2.5G	3.1G	1M	PK	2.5699G	-47.17	-47.17

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2417MHz



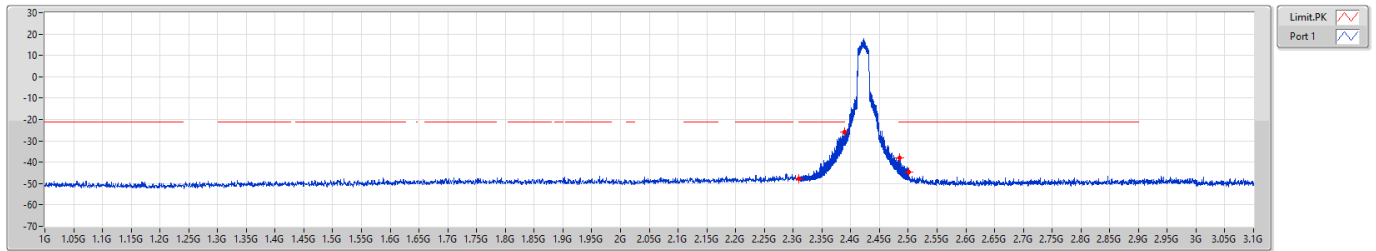
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.66	-57.66
2.31G	2.39G	1M	AV	2.39G	-48.14	-48.14
2.4835G	2.5G	1M	AV	2.48381G	-57.37	-57.37
2.5G	3.1G	1M	AV	2.5057G	-58.39	-58.39



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2422MHz

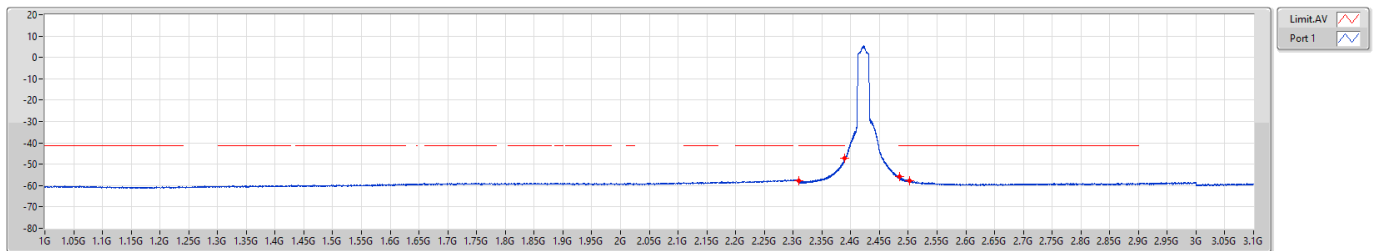


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.62	-47.62
2.31G	2.39G	1M	PK	2.39G	-26.01	-26.01
2.4835G	2.5G	1M	PK	2.48435G	-37.96	-37.96
2.5G	3.1G	1M	PK	2.5006G	-44.80	-44.80

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2422MHz



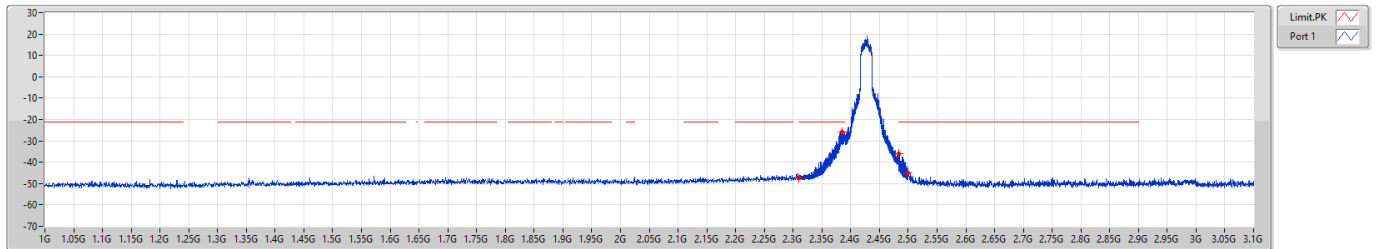
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.59	-57.59
2.31G	2.39G	1M	AV	2.3898G	-47.38	-47.38
2.4835G	2.5G	1M	AV	2.48423G	-55.96	-55.96
2.5G	3.1G	1M	AV	2.5018G	-57.86	-57.86



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2427MHz

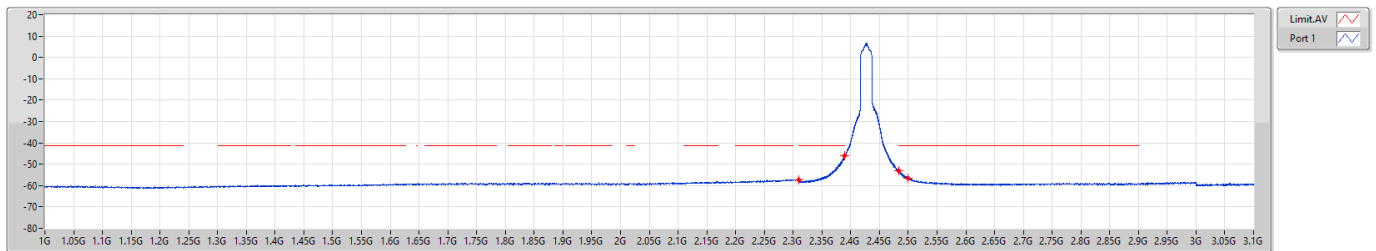


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.44	-47.44
2.31G	2.39G	1M	PK	2.38444G	-25.73	-25.73
2.4835G	2.5G	1M	PK	2.48374G	-35.85	-35.85
2.5G	3.1G	1M	PK	2.5G	-44.98	-44.98

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2427MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.35	-57.35
2.31G	2.39G	1M	AV	2.38996G	-45.99	-45.99
2.4835G	2.5G	1M	AV	2.48399G	-52.90	-52.90
2.5G	3.1G	1M	AV	2.5G	-56.67	-56.67



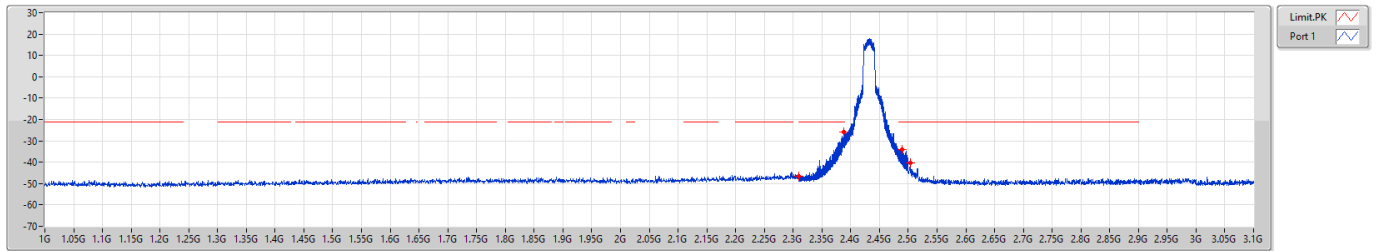
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2432MHz

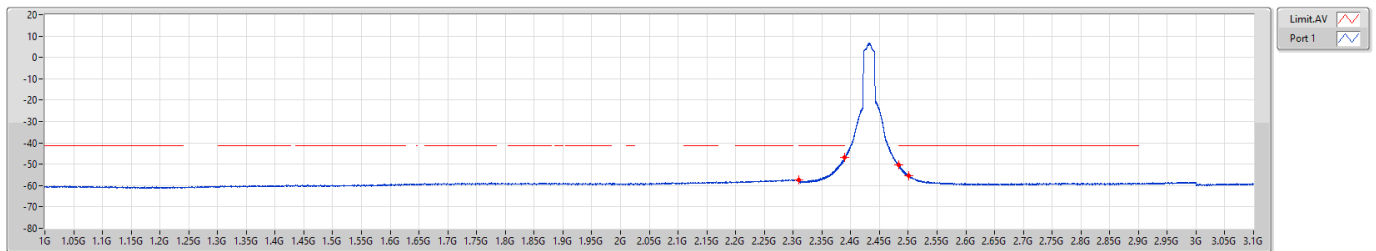


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-46.59	-46.59
2.31G	2.39G	1M	PK	2.38756G	-25.71	-25.71
2.4835G	2.5G	1M	PK	2.48981G	-33.90	-33.90
2.5G	3.1G	1M	PK	2.5033G	-40.28	-40.28

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2432MHz



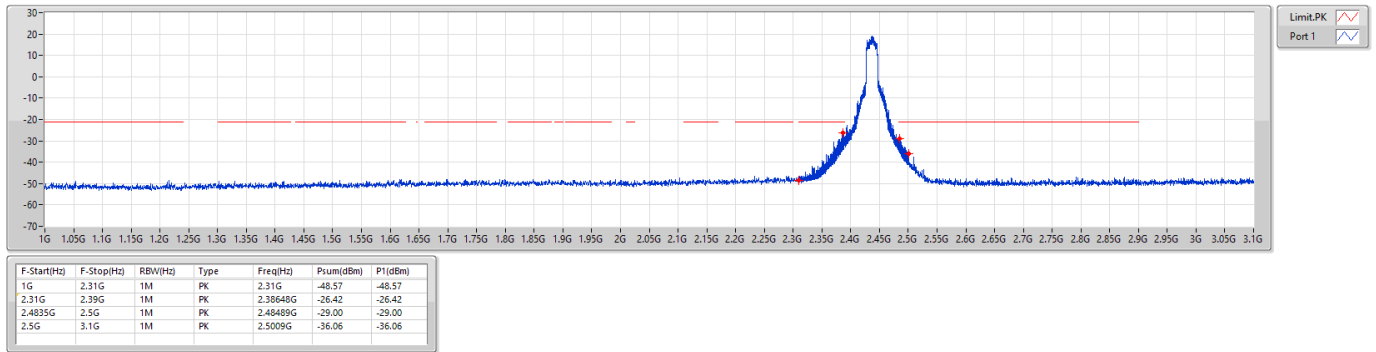
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.25	-57.25
2.31G	2.39G	1M	AV	2.39G	-46.94	-46.94
2.4835G	2.5G	1M	AV	2.48357G	-50.49	-50.49
2.5G	3.1G	1M	AV	2.5009G	-55.57	-55.57



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

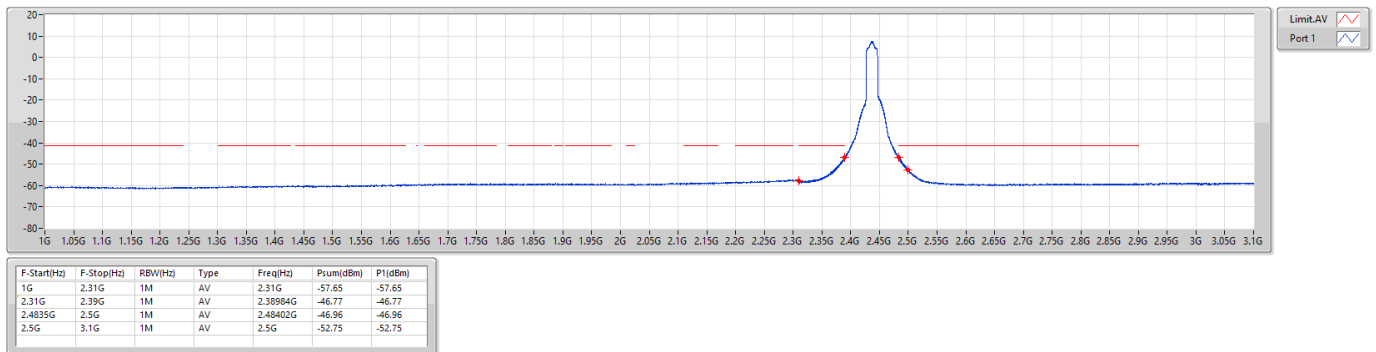
2437MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2437MHz





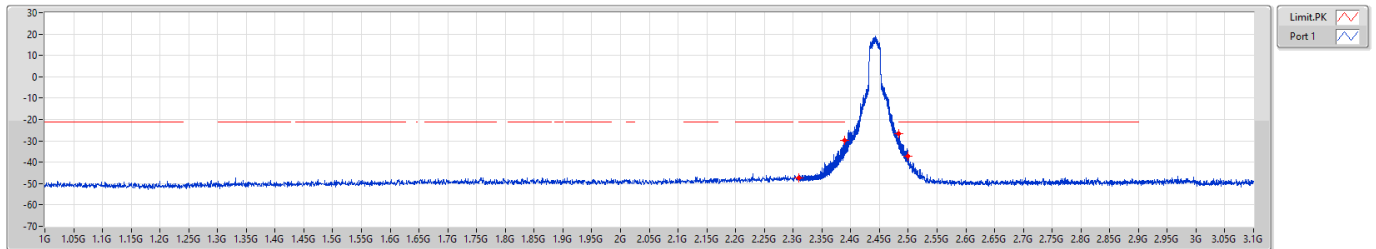
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

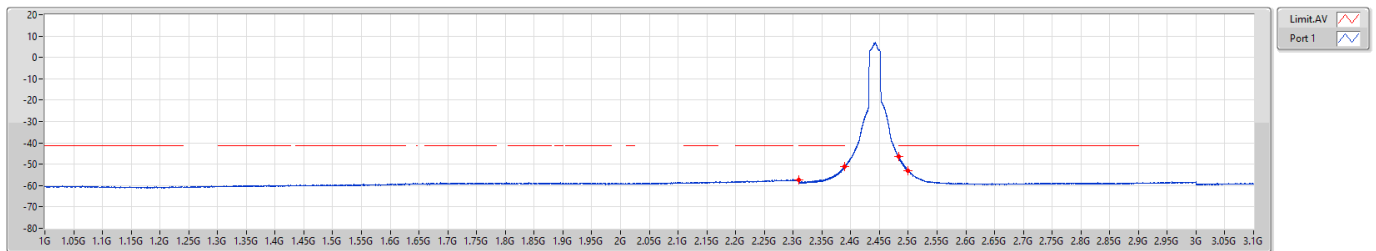
2442MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2442MHz





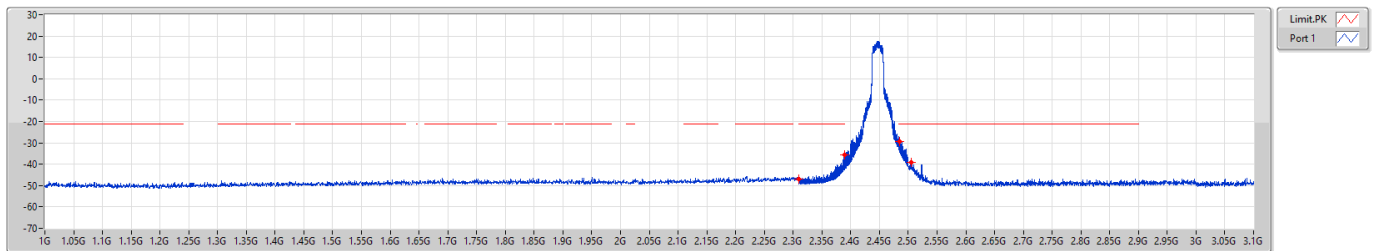
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2447MHz

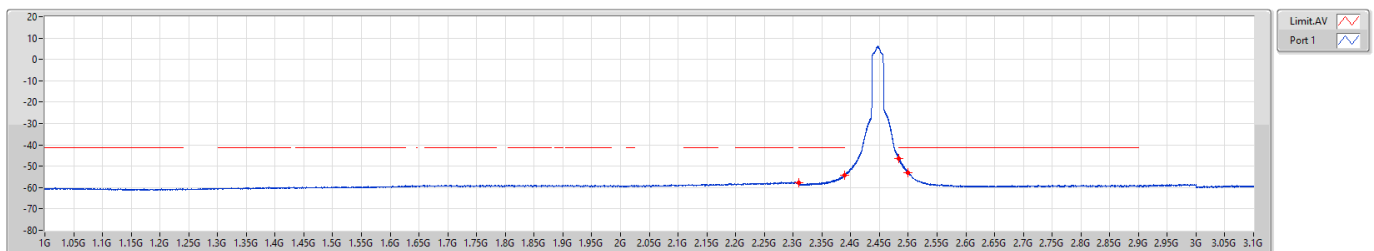


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psun(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-46.87	-46.87
2.31G	2.39G	1M	PK	2.3894G	-35.43	-35.43
2.4835G	2.5G	1M	PK	2.4854G	-29.23	-29.23
2.5G	3.1G	1M	PK	2.5054G	-39.05	-39.05

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2447MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psun(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.81	-57.81
2.31G	2.39G	1M	AV	2.38988G	-54.11	-54.11
2.4835G	2.5G	1M	AV	2.48354G	-46.38	-46.38
2.5G	3.1G	1M	AV	2.5G	-52.93	-52.93



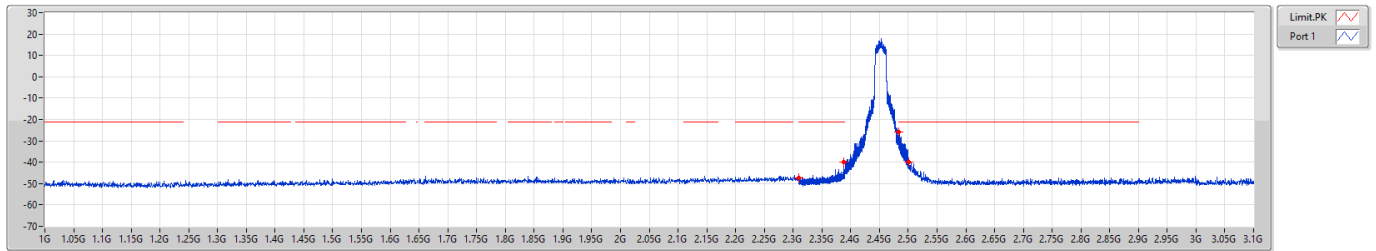
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2452MHz

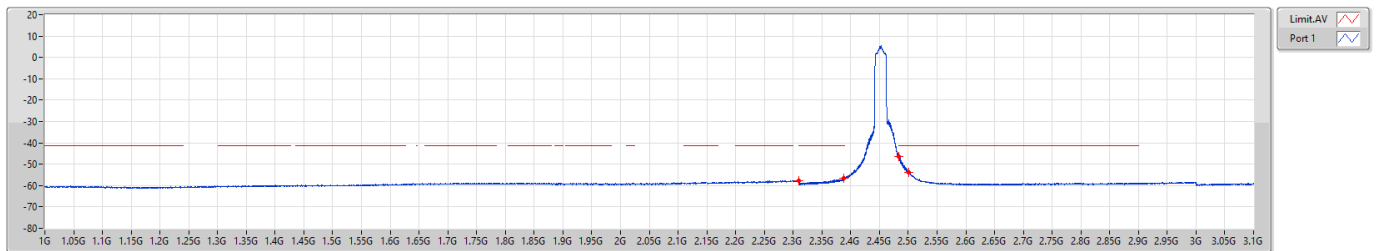


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-47.49	-47.49
2.31G	2.39G	1M	PK	2.38856G	-40.03	-40.03
2.4835G	2.5G	1M	PK	2.48381G	-25.97	-25.97
2.5G	3.1G	1M	PK	2.5012G	-39.77	-39.77

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2452MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-57.74	-57.74
2.31G	2.39G	1M	AV	2.3884G	-56.39	-56.39
2.4835G	2.5G	1M	AV	2.48359G	-46.44	-46.44
2.5G	3.1G	1M	AV	2.5003G	-53.85	-53.85



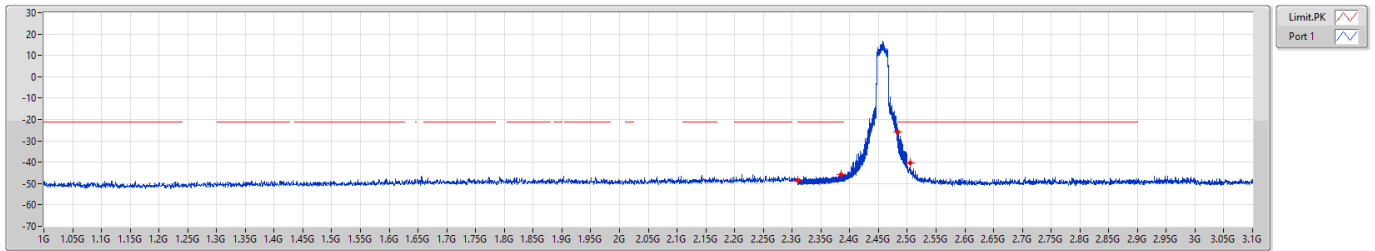
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2457MHz

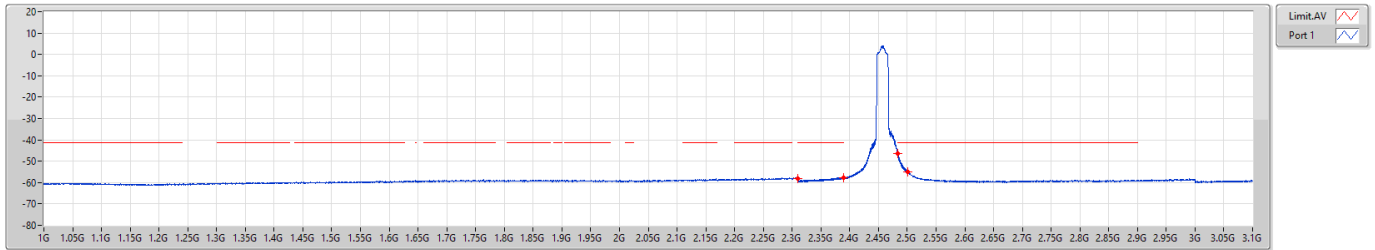


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.43	-48.43
2.31G	2.39G	1M	PK	2.38548G	-45.77	-45.77
2.4835G	2.5G	1M	PK	2.48359G	-25.91	-25.91
2.5G	3.1G	1M	PK	2.5048G	-40.17	-40.17

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2457MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.25	-58.25
2.31G	2.39G	1M	AV	2.38988G	-57.64	-57.64
2.4835G	2.5G	1M	AV	2.48354G	-46.51	-46.51
2.5G	3.1G	1M	AV	2.5009G	-54.97	-54.97



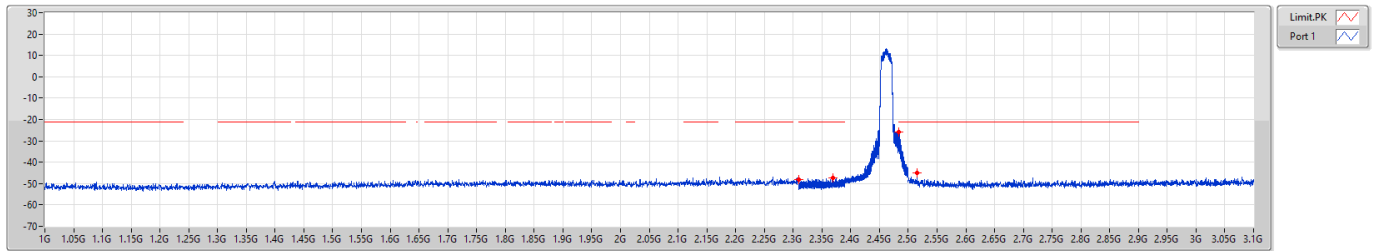
Unwanted Conducted Emissions into Restricted Frequency Bands - 1GHz~3.1GHz

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [PK]

2462MHz

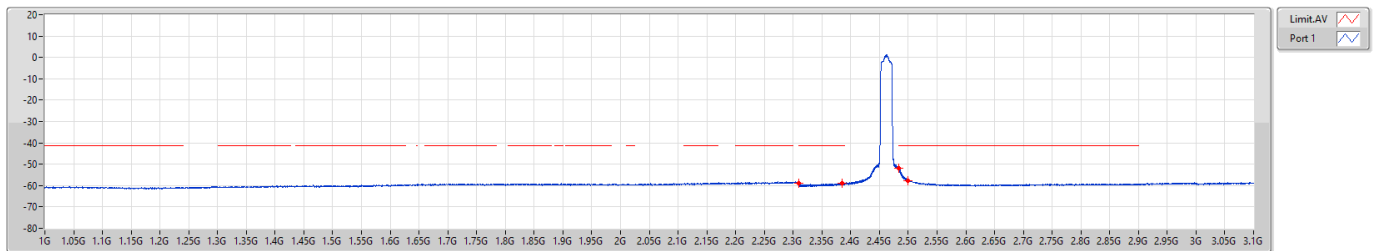


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	PK	2.31G	-48.31	-48.31
2.31G	2.39G	1M	PK	2.36872G	-47.53	-47.53
2.4835G	2.5G	1M	PK	2.48392G	-25.99	-25.99
2.5G	3.1G	1M	PK	2.515G	-45.06	-45.06

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE Bandedge [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
1G	2.31G	1M	AV	2.31G	-58.86	-58.86
2.31G	2.39G	1M	AV	2.3852G	-58.73	-58.73
2.4835G	2.5G	1M	AV	2.48376G	-52.04	-52.04
2.5G	3.1G	1M	AV	2.5G	-57.55	-57.55



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	4G	5G	AV	4.924G	2.50	-45.08	-45.08	-42.58	-41.20	-1.38
802.11g_Nss1,(6Mbps)_1TX	Pass	7G	8G	AV	7.3115G	2.50	-56.35	-56.35	-53.85	-41.20	-12.65
802.11n HT20_Nss1,(MCS0)_1TX	Pass	7G	8G	AV	7.313G	2.50	-55.34	-55.34	-52.84	-41.20	-11.64
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	Pass	7G	8G	AV	7.3125G	2.50	-58.34	-58.34	-55.84	-41.20	-14.64

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.50	-70.88	-70.88	-68.38	-41.20	-27.18
2412MHz	Pass	4G	5G	AV	4.824G	2.50	-47.45	-47.45	-44.95	-41.20	-3.75
2412MHz	Pass	5G	7G	AV	5.4235G	2.50	-76.55	-76.55	-74.05	-41.20	-32.85
2412MHz	Pass	7G	8G	AV	7.2505G	2.50	-74.92	-74.92	-72.42	-41.20	-31.22
2412MHz	Pass	8G	25G	AV	12.05822G	2.50	-60.02	-60.02	-57.52	-41.20	-16.32
2412MHz	Pass	3.1G	4G	PK	3.61795G	2.50	-65.15	-65.15	-62.65	-21.20	-41.45
2412MHz	Pass	4G	5G	PK	4.8245G	2.50	-46.71	-46.71	-44.21	-21.20	-23.01
2412MHz	Pass	5G	7G	PK	5.452G	2.50	-66.57	-66.57	-64.07	-21.20	-42.87
2412MHz	Pass	7G	8G	PK	7.48G	2.50	-66.21	-66.21	-63.71	-21.20	-42.51
2412MHz	Pass	8G	25G	PK	12.05875G	2.50	-57.23	-57.23	-54.73	-21.20	-33.53
2437MHz	Pass	3.1G	4G	AV	3.65575G	2.50	-71.43	-71.43	-68.93	-41.20	-27.73
2437MHz	Pass	4G	5G	AV	4.874G	2.50	-45.98	-45.98	-43.48	-41.20	-2.28
2437MHz	Pass	5G	7G	AV	5.4575G	2.50	-76.67	-76.67	-74.17	-41.20	-32.97
2437MHz	Pass	7G	8G	AV	7.31G	2.50	-50.51	-50.51	-48.01	-41.20	-6.81
2437MHz	Pass	8G	25G	AV	12.18572G	2.50	-52.06	-52.06	-49.56	-41.20	-8.36
2437MHz	Pass	3.1G	4G	PK	3.6553G	2.50	-65.87	-65.87	-63.37	-21.20	-42.17
2437MHz	Pass	4G	5G	PK	4.8745G	2.50	-45.43	-45.43	-42.93	-21.20	-21.73
2437MHz	Pass	5G	7G	PK	5.454G	2.50	-66.00	-66.00	-63.50	-21.20	-42.30
2437MHz	Pass	7G	8G	PK	7.312G	2.50	-47.70	-47.70	-45.20	-21.20	-24.00
2437MHz	Pass	8G	25G	PK	12.18572G	2.50	-49.35	-49.35	-46.85	-21.20	-25.65
2462MHz	Pass	3.1G	4G	AV	3.6931G	2.50	-71.95	-71.95	-69.45	-41.20	-28.25
2462MHz	Pass	4G	5G	AV	4.924G	2.50	-45.08	-45.08	-42.58	-41.20	-1.38
2462MHz	Pass	5G	7G	AV	5.4275G	2.50	-76.41	-76.41	-73.91	-41.20	-32.71
2462MHz	Pass	7G	8G	AV	7.387G	2.50	-51.22	-51.22	-48.72	-41.20	-7.52
2462MHz	Pass	8G	25G	AV	12.30844G	2.50	-54.41	-54.41	-51.91	-41.20	-10.71
2462MHz	Pass	3.1G	4G	PK	3.6931G	2.50	-66.08	-66.08	-63.58	-21.20	-42.38
2462MHz	Pass	4G	5G	PK	4.9245G	2.50	-44.41	-44.41	-41.91	-21.20	-20.71
2462MHz	Pass	5G	7G	PK	5.003G	2.50	-66.71	-66.71	-64.21	-21.20	-43.01
2462MHz	Pass	7G	8G	PK	7.387G	2.50	-48.37	-48.37	-45.87	-21.20	-24.67
2462MHz	Pass	8G	25G	PK	12.30844G	2.50	-51.45	-51.45	-48.95	-21.20	-27.75
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.50	-70.07	-70.07	-67.57	-41.20	-26.37
2412MHz	Pass	4G	5G	AV	4.8245G	2.50	-59.83	-59.83	-57.33	-41.20	-16.13
2412MHz	Pass	5G	7G	AV	5.443G	2.50	-76.41	-76.41	-73.91	-41.20	-32.71
2412MHz	Pass	7G	8G	AV	7.25G	2.50	-67.37	-67.37	-64.87	-41.20	-23.67
2412MHz	Pass	8G	25G	AV	22.02394G	2.50	-70.21	-70.21	-67.71	-41.20	-26.51
2412MHz	Pass	3.1G	4G	PK	3.61795G	2.50	-64.89	-64.89	-62.39	-21.20	-41.19
2412MHz	Pass	4G	5G	PK	4.8235G	2.50	-50.18	-50.18	-47.68	-21.20	-26.48
2412MHz	Pass	5G	7G	PK	5.3765G	2.50	-66.54	-66.54	-64.04	-21.20	-42.84
2412MHz	Pass	7G	8G	PK	7.25G	2.50	-55.14	-55.14	-52.64	-21.20	-31.44
2412MHz	Pass	8G	25G	PK	22.01863G	2.50	-58.25	-58.25	-55.75	-21.20	-34.55

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2437MHz	Pass	3.1G	4G	AV	3.6553G	2.50	-70.42	-70.42	-67.92	-41.20	-26.72
2437MHz	Pass	4G	5G	AV	4.8755G	2.50	-59.50	-59.50	-57.00	-41.20	-15.80
2437MHz	Pass	5G	7G	AV	5.4425G	2.50	-76.57	-76.57	-74.07	-41.20	-32.87
2437MHz	Pass	7G	8G	AV	7.3115G	2.50	-56.35	-56.35	-53.85	-41.20	-12.65
2437MHz	Pass	8G	25G	AV	12.18359G	2.50	-59.32	-59.32	-56.82	-41.20	-15.62
2437MHz	Pass	3.1G	4G	PK	3.65575G	2.50	-65.28	-65.28	-62.78	-21.20	-41.58
2437MHz	Pass	4G	5G	PK	4.8805G	2.50	-48.20	-48.20	-45.70	-21.20	-24.50
2437MHz	Pass	5G	7G	PK	5.455G	2.50	-66.07	-66.07	-63.57	-21.20	-42.37
2437MHz	Pass	7G	8G	PK	7.3145G	2.50	-44.94	-44.94	-42.44	-21.20	-21.24
2437MHz	Pass	8G	25G	PK	12.18838G	2.50	-47.76	-47.76	-45.26	-21.20	-24.06
2462MHz	Pass	3.1G	4G	AV	3.6931G	2.50	-71.23	-71.23	-68.73	-41.20	-27.53
2462MHz	Pass	4G	5G	AV	4.923G	2.50	-58.23	-58.23	-55.73	-41.20	-14.53
2462MHz	Pass	5G	7G	AV	5.4165G	2.50	-76.40	-76.40	-73.90	-41.20	-32.70
2462MHz	Pass	7G	8G	AV	7.3875G	2.50	-64.14	-64.14	-61.64	-41.20	-20.44
2462MHz	Pass	8G	25G	AV	22.05741G	2.50	-70.15	-70.15	-67.65	-41.20	-26.45
2462MHz	Pass	3.1G	4G	PK	3.6931G	2.50	-66.39	-66.39	-63.89	-21.20	-42.69
2462MHz	Pass	4G	5G	PK	4.925G	2.50	-47.87	-47.87	-45.37	-21.20	-24.17
2462MHz	Pass	5G	7G	PK	5.451G	2.50	-66.29	-66.29	-63.79	-21.20	-42.59
2462MHz	Pass	7G	8G	PK	7.3725G	2.50	-54.47	-54.47	-51.97	-21.20	-30.77
2462MHz	Pass	8G	25G	PK	12.31109G	2.50	-57.89	-57.89	-55.39	-21.20	-34.19
802.11n HT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.50	-70.94	-70.94	-68.44	-41.20	-27.24
2412MHz	Pass	4G	5G	AV	4.826G	2.50	-65.02	-65.02	-62.52	-41.20	-21.32
2412MHz	Pass	5G	7G	AV	5.4165G	2.50	-76.36	-76.36	-73.86	-41.20	-32.66
2412MHz	Pass	7G	8G	AV	7.2505G	2.50	-75.79	-75.79	-73.29	-41.20	-32.09
2412MHz	Pass	8G	25G	AV	22.02872G	2.50	-70.21	-70.21	-67.71	-41.20	-26.51
2412MHz	Pass	3.1G	4G	PK	3.61795G	2.50	-66.73	-66.73	-64.23	-21.20	-43.03
2412MHz	Pass	4G	5G	PK	4.824G	2.50	-54.45	-54.45	-51.95	-21.20	-30.75
2412MHz	Pass	5G	7G	PK	5.429G	2.50	-66.38	-66.38	-63.88	-21.20	-42.68
2412MHz	Pass	7G	8G	PK	7.464G	2.50	-65.41	-65.41	-62.91	-21.20	-41.71
2412MHz	Pass	8G	25G	PK	22.03244G	2.50	-60.39	-60.39	-57.89	-21.20	-36.69
2437MHz	Pass	3.1G	4G	AV	3.65575G	2.50	-70.14	-70.14	-67.64	-41.20	-26.44
2437MHz	Pass	4G	5G	AV	4.875G	2.50	-59.59	-59.59	-57.09	-41.20	-15.89
2437MHz	Pass	5G	7G	AV	5.417G	2.50	-76.38	-76.38	-73.88	-41.20	-32.68
2437MHz	Pass	7G	8G	AV	7.313G	2.50	-55.34	-55.34	-52.84	-41.20	-11.64
2437MHz	Pass	8G	25G	AV	12.18572G	2.50	-58.12	-58.12	-55.62	-41.20	-14.42
2437MHz	Pass	3.1G	4G	PK	3.65575G	2.50	-65.18	-65.18	-62.68	-21.20	-41.48
2437MHz	Pass	4G	5G	PK	4.8795G	2.50	-49.73	-49.73	-47.23	-21.20	-26.03
2437MHz	Pass	5G	7G	PK	5.4455G	2.50	-65.80	-65.80	-63.30	-21.20	-42.10
2437MHz	Pass	7G	8G	PK	7.314G	2.50	-43.31	-43.31	-40.81	-21.20	-19.61
2437MHz	Pass	8G	25G	PK	12.19156G	2.50	-49.15	-49.15	-46.65	-21.20	-25.45
2462MHz	Pass	3.1G	4G	AV	3.6931G	2.50	-71.75	-71.75	-69.25	-41.20	-28.05



Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2462MHz	Pass	4G	5G	AV	4.921G	2.50	-64.56	-64.56	-62.06	-41.20	-20.86
2462MHz	Pass	5G	7G	AV	5.456G	2.50	-76.35	-76.35	-73.85	-41.20	-32.65
2462MHz	Pass	7G	8G	AV	7.3855G	2.50	-73.68	-73.68	-71.18	-41.20	-29.98
2462MHz	Pass	8G	25G	AV	22.025G	2.50	-69.93	-69.93	-67.43	-41.20	-26.23
2462MHz	Pass	3.1G	4G	PK	3.6931G	2.50	-66.30	-66.30	-63.80	-21.20	-42.60
2462MHz	Pass	4G	5G	PK	4.919G	2.50	-53.70	-53.70	-51.20	-21.20	-30.00
2462MHz	Pass	5G	7G	PK	5.364G	2.50	-66.64	-66.64	-64.14	-21.20	-42.94
2462MHz	Pass	7G	8G	PK	7.391G	2.50	-64.13	-64.13	-61.63	-21.20	-40.43
2462MHz	Pass	8G	25G	PK	21.25309G	2.50	-59.99	-59.99	-57.49	-21.20	-36.29
802.11ax HEW20_Nss1,(MCS0)_1TX-OFDMA	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.61795G	2.50	-71.19	-71.19	-68.69	-41.20	-27.49
2412MHz	Pass	4G	5G	AV	4.824G	2.50	-63.96	-63.96	-61.46	-41.20	-20.26
2412MHz	Pass	5G	7G	AV	5.4345G	2.50	-76.39	-76.39	-73.89	-41.20	-32.69
2412MHz	Pass	7G	8G	AV	7.25G	2.50	-75.43	-75.43	-72.93	-41.20	-31.73
2412MHz	Pass	8G	25G	AV	22.02234G	2.50	-70.18	-70.18	-67.68	-41.20	-26.48
2412MHz	Pass	3.1G	4G	PK	3.61795G	2.50	-65.52	-65.52	-63.02	-21.20	-41.82
2412MHz	Pass	4G	5G	PK	4.8225G	2.50	-54.17	-54.17	-51.67	-21.20	-30.47
2412MHz	Pass	5G	7G	PK	5.416G	2.50	-66.19	-66.19	-63.69	-21.20	-42.49
2412MHz	Pass	7G	8G	PK	7.251G	2.50	-63.95	-63.95	-61.45	-21.20	-40.25
2412MHz	Pass	8G	25G	PK	19.16688G	2.50	-60.51	-60.51	-58.01	-21.20	-36.81
2437MHz	Pass	3.1G	4G	AV	3.65575G	2.50	-70.78	-70.78	-68.28	-41.20	-27.08
2437MHz	Pass	4G	5G	AV	4.8735G	2.50	-59.18	-59.18	-56.68	-41.20	-15.48
2437MHz	Pass	5G	7G	AV	5.459G	2.50	-76.43	-76.43	-73.93	-41.20	-32.73
2437MHz	Pass	7G	8G	AV	7.3125G	2.50	-58.34	-58.34	-55.84	-41.20	-14.64
2437MHz	Pass	8G	25G	AV	12.18625G	2.50	-60.53	-60.53	-58.03	-41.20	-16.83
2437MHz	Pass	3.1G	4G	PK	3.65575G	2.50	-64.67	-64.67	-62.17	-21.20	-40.97
2437MHz	Pass	4G	5G	PK	4.881G	2.50	-50.03	-50.03	-47.53	-21.20	-26.33
2437MHz	Pass	5G	7G	PK	5.438G	2.50	-66.30	-66.30	-63.80	-21.20	-42.60
2437MHz	Pass	7G	8G	PK	7.3005G	2.50	-48.68	-48.68	-46.18	-21.20	-24.98
2437MHz	Pass	8G	25G	PK	12.17988G	2.50	-46.93	-46.93	-44.43	-21.20	-23.23
2462MHz	Pass	3.1G	4G	AV	3.6931G	2.50	-71.07	-71.07	-68.57	-41.20	-27.37
2462MHz	Pass	4G	5G	AV	4.922G	2.50	-62.87	-62.87	-60.37	-41.20	-19.17
2462MHz	Pass	4G	5G	AV	4.9245G	2.50	-62.87	-62.87	-60.37	-41.20	-19.17
2462MHz	Pass	5G	7G	AV	5.4535G	2.50	-76.27	-76.27	-73.77	-41.20	-32.57
2462MHz	Pass	7G	8G	AV	7.3905G	2.50	-71.20	-71.20	-68.70	-41.20	-27.50
2462MHz	Pass	8G	25G	AV	22.01172G	2.50	-70.17	-70.17	-67.67	-41.20	-26.47
2462MHz	Pass	3.1G	4G	PK	3.69355G	2.50	-66.21	-66.21	-63.71	-21.20	-42.51
2462MHz	Pass	4G	5G	PK	4.9265G	2.50	-50.75	-50.75	-48.25	-21.20	-27.05
2462MHz	Pass	5G	7G	PK	5.016G	2.50	-66.05	-66.05	-63.55	-21.20	-42.35
2462MHz	Pass	7G	8G	PK	7.387G	2.50	-55.37	-55.37	-52.87	-21.20	-31.67
2462MHz	Pass	8G	25G	PK	22.09406G	2.50	-60.53	-60.53	-58.03	-21.20	-36.83



DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



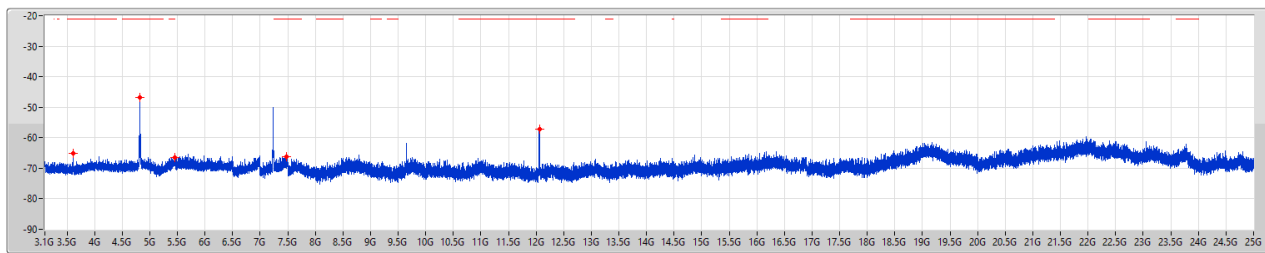
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE [PK]

2412MHz

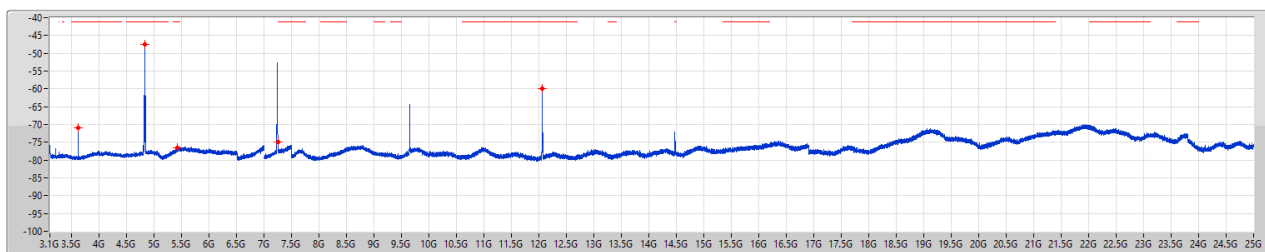


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.61795G	-65.15	-65.15
4G	5G	1M	PK	4.8245G	-46.71	-46.71
5G	7G	1M	PK	5.452G	-66.57	-66.57
7G	8G	1M	PK	7.48G	-66.21	-66.21
8G	25G	1M	PK	12.05875G	-57.23	-57.23

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE [AV]

2412MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Prum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-70.88	-70.88
4G	5G	1M	AV	4.824G	-47.45	-47.45
5G	7G	1M	AV	5.4235G	-76.55	-76.55
7G	8G	1M	AV	7.2505G	-74.92	-74.92
8G	25G	1M	AV	12.05822G	-60.02	-60.02



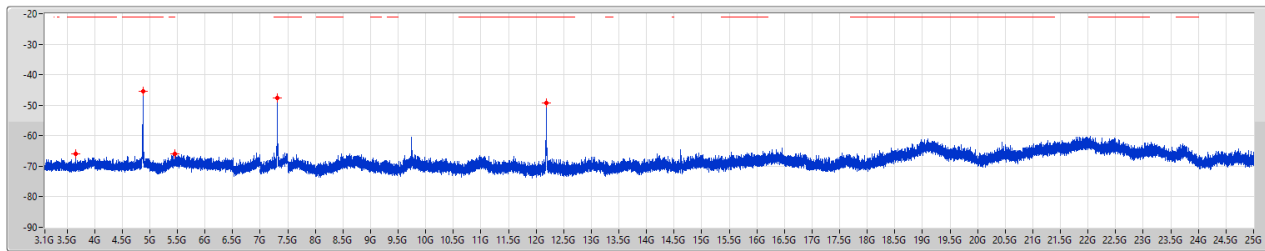
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE [PK]

2437MHz



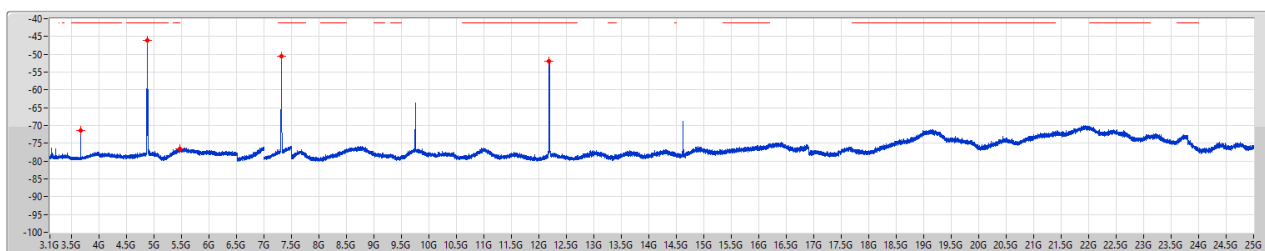
Limit.PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6553G	-65.87	-65.87
4G	5G	1M	PK	4.8745G	-45.43	-45.43
5G	7G	1M	PK	5.454G	-66.00	-66.00
7G	8G	1M	PK	7.312G	-47.70	-47.70
8G	25G	1M	PK	12.18572G	-49.35	-49.35

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE [AV]

2437MHz



Limit.AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.65575G	-71.43	-71.43
4G	5G	1M	AV	4.874G	-45.98	-45.98
5G	7G	1M	AV	5.4575G	-76.67	-76.67
7G	8G	1M	AV	7.31G	-50.51	-50.51
8G	25G	1M	AV	12.18572G	-52.06	-52.06



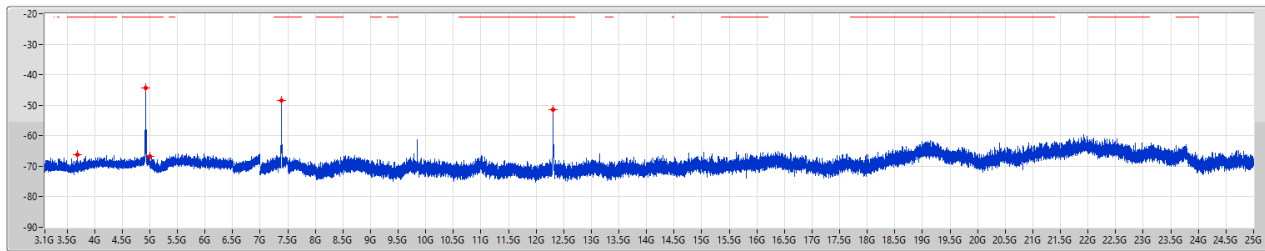
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE [PK]

2462MHz

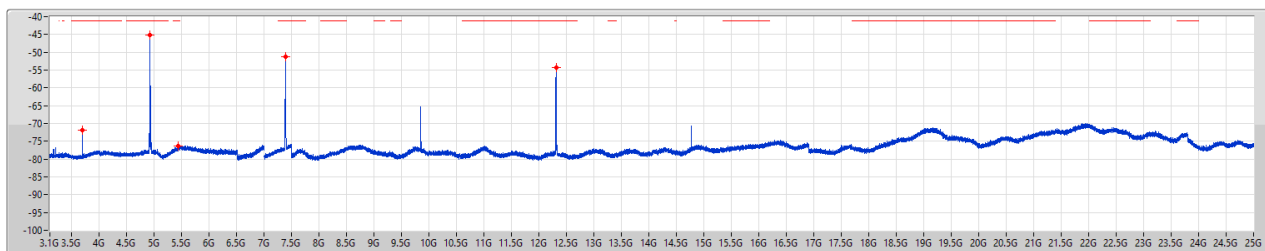


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6931G	-66.08	-66.08
4G	5G	1M	PK	4.9245G	-44.41	-44.41
5G	7G	1M	PK	5.003G	-66.71	-66.71
7G	8G	1M	PK	7.387G	-48.37	-48.37
8G	25G	1M	PK	12.30844G	-51.45	-51.45

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSE [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.6931G	-71.95	-71.95
4G	5G	1M	AV	4.9245G	-45.08	-45.08
5G	7G	1M	AV	5.4275G	-76.41	-76.41
7G	8G	1M	AV	7.387G	-51.22	-51.22
8G	25G	1M	AV	12.30844G	-54.41	-54.41



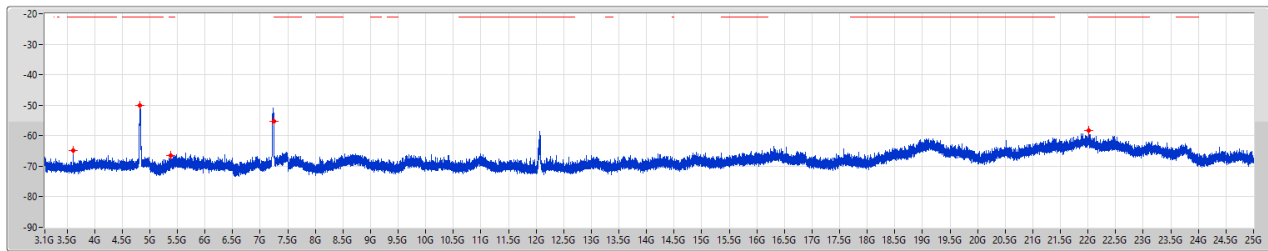
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE [PK]

2412MHz



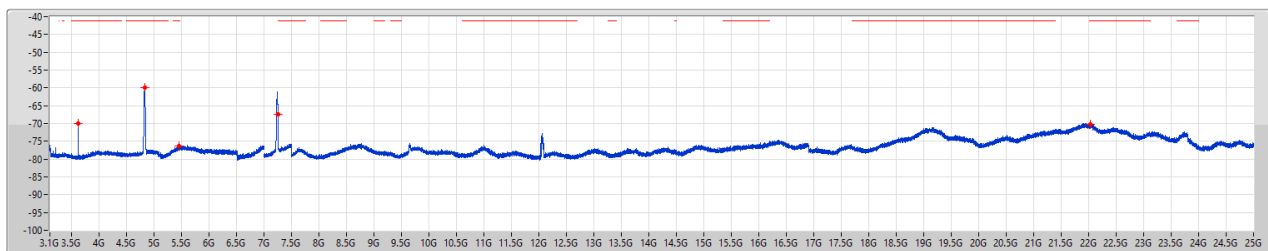
Limit,PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.61795G	-64.89	-64.89
4G	5G	1M	PK	4.8235G	-50.18	-50.18
5G	7G	1M	PK	5.3785G	-66.54	-66.54
7G	8G	1M	PK	7.25G	-55.14	-55.14
8G	25G	1M	PK	22.01863G	-58.25	-58.25

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE [AV]

2412MHz



Limit,AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-70.07	-70.07
4G	5G	1M	AV	4.8235G	-59.83	-59.83
5G	7G	1M	AV	5.443G	-76.41	-76.41
7G	8G	1M	AV	7.25G	-67.37	-67.37
8G	25G	1M	AV	22.02394G	-70.21	-70.21



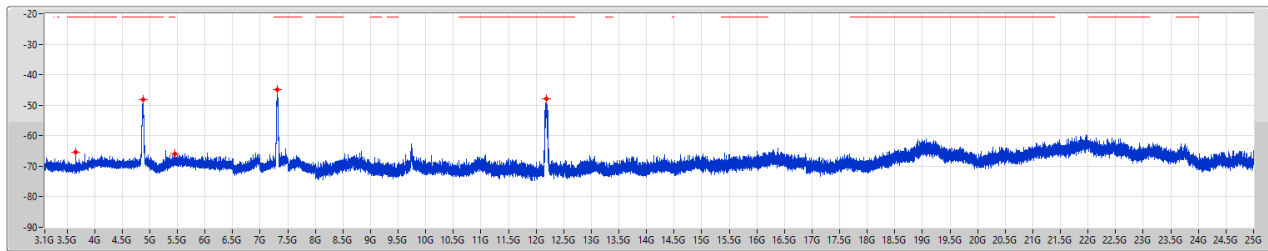
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE [PK]

2437MHz

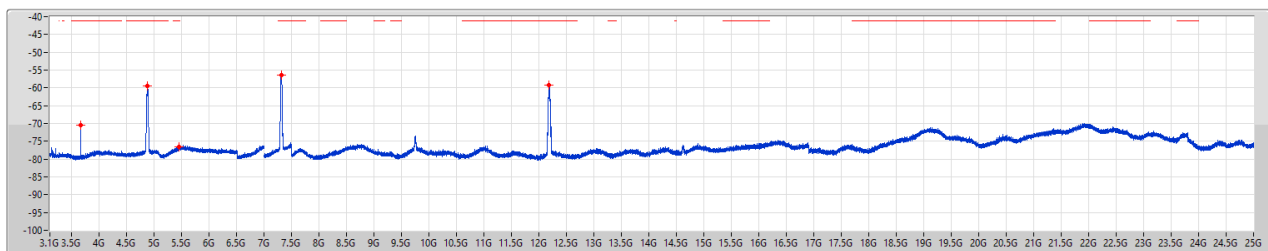


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.65575G	-65.28	-65.28
4G	5G	1M	PK	4.8805G	-66.20	-66.20
5G	7G	1M	PK	5.455G	-66.07	-66.07
7G	8G	1M	PK	7.3145G	-44.94	-44.94
8G	25G	1M	PK	12.18838G	-47.76	-47.76

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE [AV]

2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.6553G	-70.42	-70.42
4G	5G	1M	AV	4.8755G	-59.50	-59.50
5G	7G	1M	AV	5.4425G	-76.57	-76.57
7G	8G	1M	AV	7.3115G	-56.35	-56.35
8G	25G	1M	AV	12.18359G	-59.32	-59.32



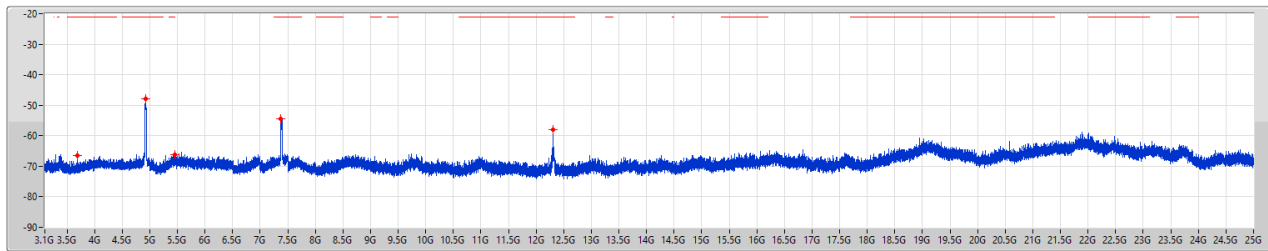
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE [PK]

2462MHz



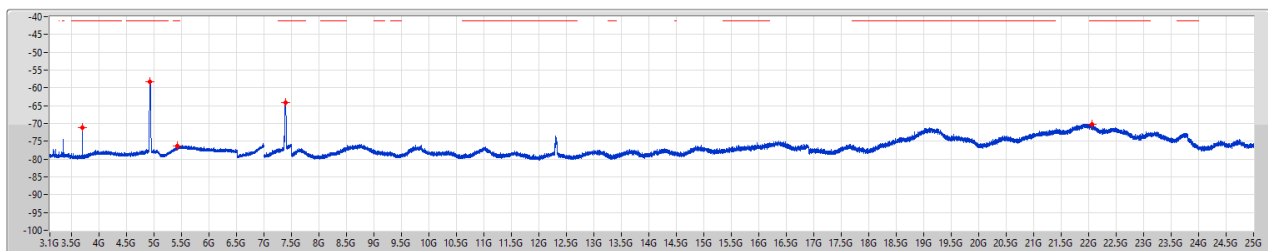
Limit,PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.6931G	-66.39	-66.39
4G	5G	1M	PK	4.925G	-47.87	-47.87
5G	7G	1M	PK	5.451G	-66.29	-66.29
7G	8G	1M	PK	7.3725G	-54.47	-54.47
8G	25G	1M	PK	12.31109G	-57.89	-57.89

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSE [AV]

2462MHz



Limit,AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.6931G	-71.23	-71.23
4G	5G	1M	AV	4.925G	-58.23	-58.23
5G	7G	1M	AV	5.4165G	-76.40	-76.40
7G	8G	1M	AV	7.3875G	-64.14	-64.14
8G	25G	1M	AV	22.05741G	-70.15	-70.15



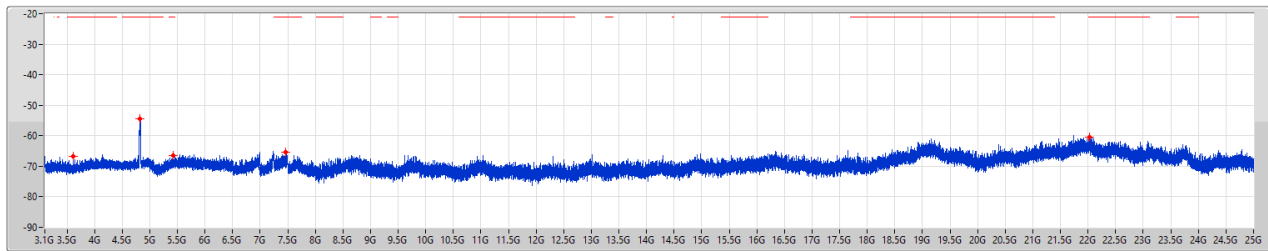
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE [PK]

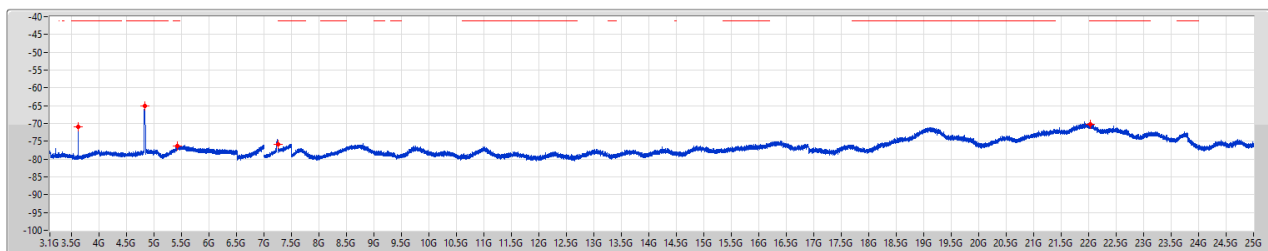
2412MHz



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE [AV]

2412MHz





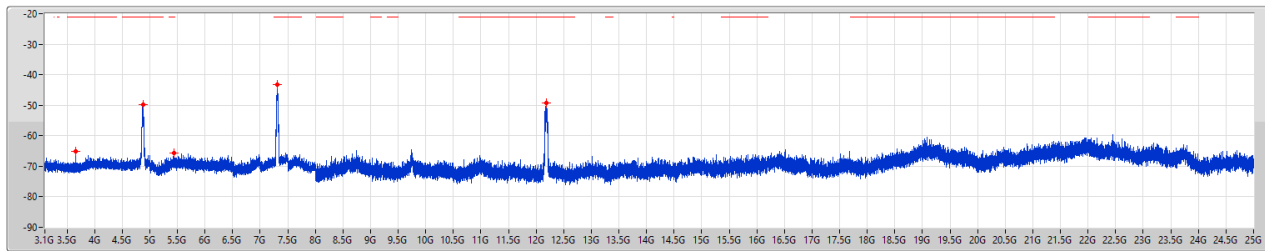
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE [PK]

2437MHz



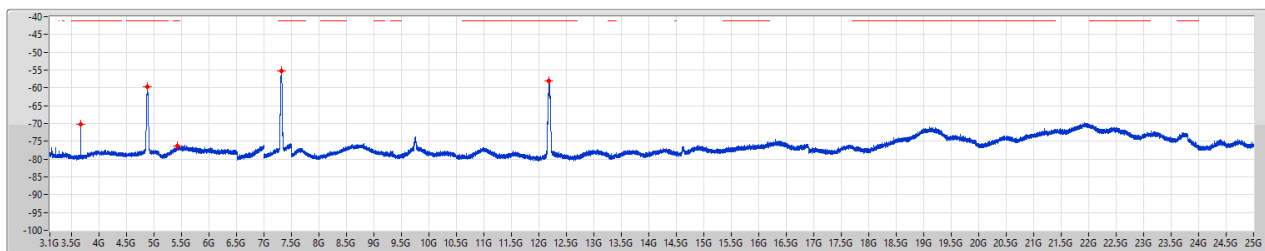
Limit.PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.65575G	-65.18	-65.18
4G	5G	1M	PK	4.8795G	-49.73	-49.73
5G	7G	1M	PK	5.4455G	-65.80	-65.80
7G	8G	1M	PK	7.314G	-43.31	-43.31
8G	25G	1M	PK	12.19156G	-49.15	-49.15

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE [AV]

2437MHz



Limit.AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.65575G	-70.14	-70.14
4G	5G	1M	AV	4.8795G	-59.59	-59.59
5G	7G	1M	AV	5.417G	-76.38	-76.38
7G	8G	1M	AV	7.313G	-55.34	-55.34
8G	25G	1M	AV	12.18572G	-58.12	-58.12



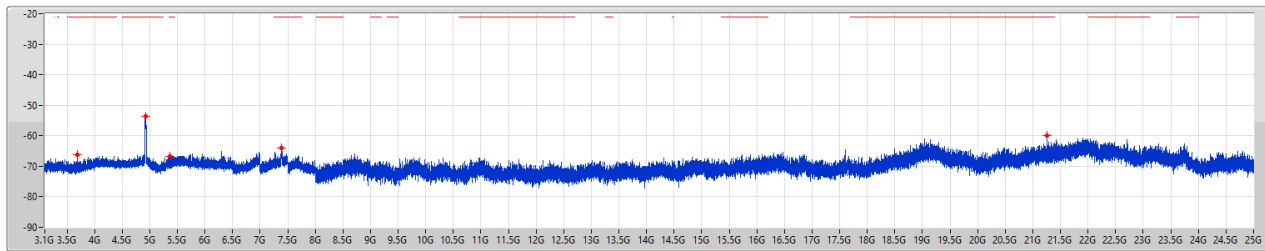
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE [PK]

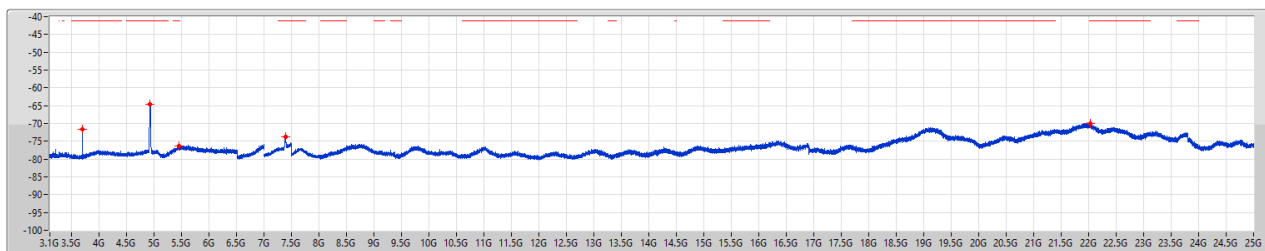
2462MHz



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSE [AV]

2462MHz





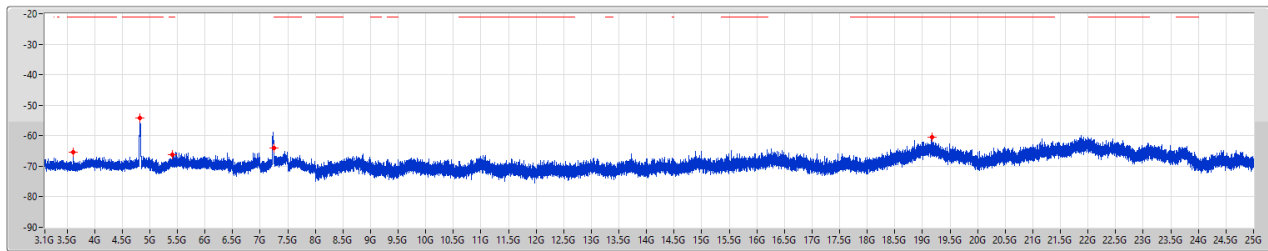
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

2412MHz



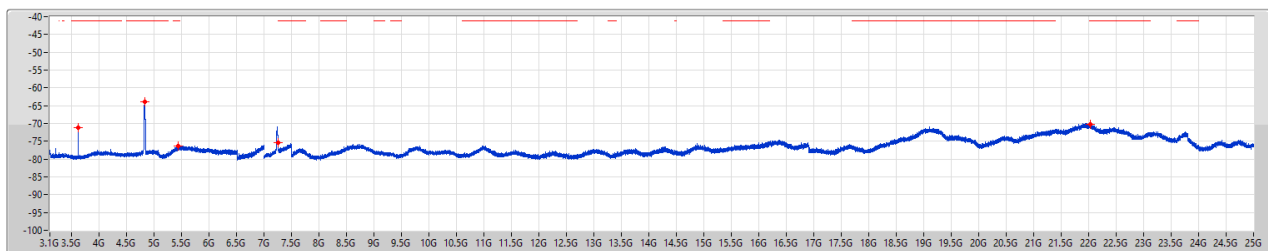
Limit PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.61795G	-65.52	-65.52
4G	5G	1M	PK	4.8225G	-54.17	-54.17
5G	7G	1M	PK	5.416G	-66.19	-66.19
7G	8G	1M	PK	7.251G	-63.95	-63.95
8G	25G	1M	PK	19.16688G	-60.51	-60.51

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

2412MHz



Limit AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.61795G	-71.19	-71.19
4G	5G	1M	AV	4.824G	-63.96	-63.96
5G	7G	1M	AV	5.4345G	-76.39	-76.39
7G	8G	1M	AV	7.25G	-75.43	-75.43
8G	25G	1M	AV	22.02234G	-70.18	-70.18



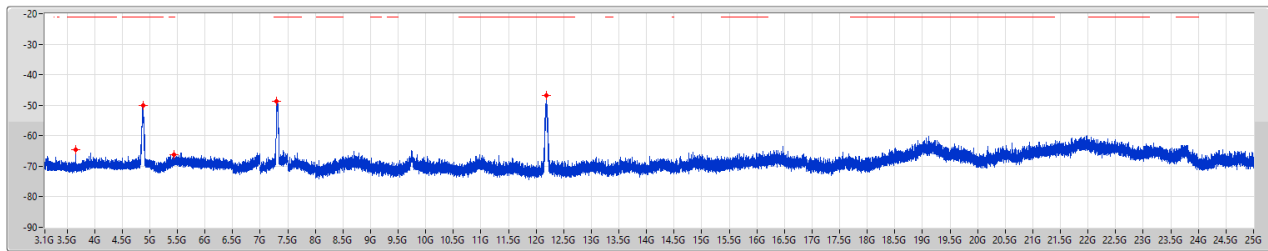
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

2437MHz



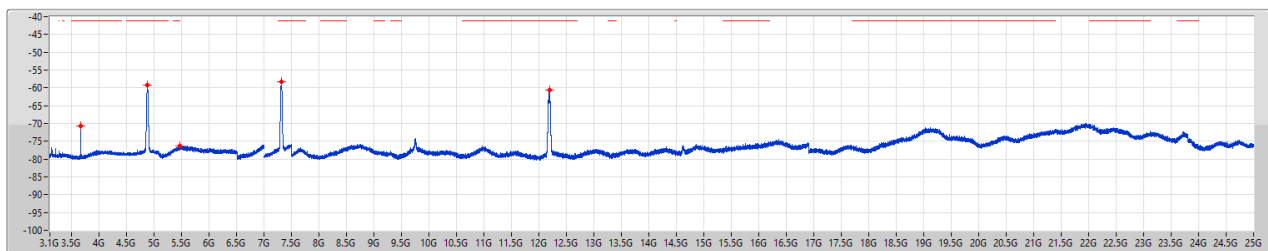
Limit.PK
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.65575G	-64.67	-64.67
4G	5G	1M	PK	4.881G	-50.03	-50.03
5G	7G	1M	PK	5.438G	-66.30	-66.30
7G	8G	1M	PK	7.3005G	-48.68	-48.68
8G	25G	1M	PK	12.17988G	-46.93	-46.93

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

2437MHz



Limit.AV
Port 1

F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.65575G	-70.78	-70.78
4G	5G	1M	AV	4.8735G	-59.19	-59.19
5G	7G	1M	AV	5.459G	-76.43	-76.43
7G	8G	1M	AV	7.3125G	-58.34	-58.34
8G	25G	1M	AV	12.18625G	-60.53	-60.53



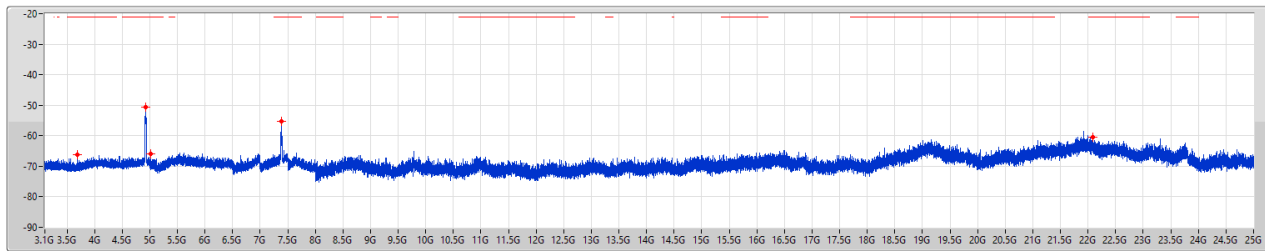
Unwanted Conducted Emissions into Restricted Frequency Bands - 3.1GHz~25GHz

Appendix D.3

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [PK]

2462MHz

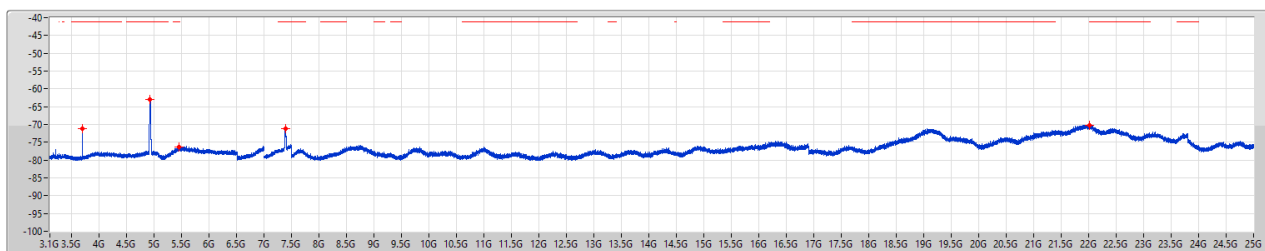


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	PK	3.69355G	-66.21	-66.21
4G	5G	1M	PK	4.9265G	-50.75	-50.75
5G	7G	1M	PK	5.016G	-66.05	-66.05
7G	8G	1M	PK	7.387G	-55.37	-55.37
8G	25G	1M	PK	22.09406G	-60.53	-60.53

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSE [AV]

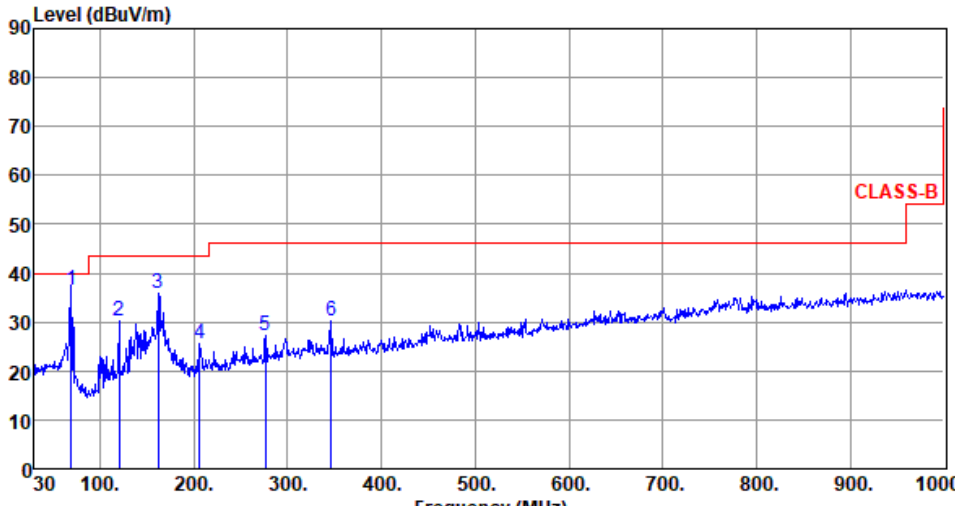
2462MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)
3.1G	4G	1M	AV	3.6931G	-71.07	-71.07
4G	5G	1M	AV	4.922G	-62.87	-62.87
4G	5G	1M	AV	4.9245G	-62.87	-62.87
5G	7G	1M	AV	5.4535G	-76.27	-76.27
7G	8G	1M	AV	7.3905G	-71.20	-71.20
8G	25G	1M	AV	22.01172G	-70.17	-70.17



Unwanted Emissions (Below 1GHz)

Modulation	11b	Test Freq. (MHz)	2437																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung- Temperature(°C):22 Humidity(%):62																																																																									
Level (dBUV/m)  <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>69.00</td><td>36.46</td><td>40.00</td><td>-3.54</td><td>47.37</td><td>-10.91</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>120.21</td><td>30.36</td><td>43.50</td><td>-13.14</td><td>41.36</td><td>-11.00</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>161.92</td><td>35.79</td><td>43.50</td><td>-7.71</td><td>44.64</td><td>-8.85</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>206.54</td><td>25.43</td><td>43.50</td><td>-18.07</td><td>37.34</td><td>-11.91</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>276.38</td><td>27.23</td><td>46.00</td><td>-18.77</td><td>35.87</td><td>-8.64</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>346.22</td><td>30.06</td><td>46.00</td><td>-15.94</td><td>36.90</td><td>-6.84</td><td>Peak</td><td>---</td><td>---</td></tr></table> Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	69.00	36.46	40.00	-3.54	47.37	-10.91	Peak	---	---	2	120.21	30.36	43.50	-13.14	41.36	-11.00	Peak	---	---	3	161.92	35.79	43.50	-7.71	44.64	-8.85	Peak	---	---	4	206.54	25.43	43.50	-18.07	37.34	-11.91	Peak	---	---	5	276.38	27.23	46.00	-18.77	35.87	-8.64	Peak	---	---	6	346.22	30.06	46.00	-15.94	36.90	-6.84	Peak	---	---
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	69.00	36.46	40.00	-3.54	47.37	-10.91	Peak	---	---																																																																
2	120.21	30.36	43.50	-13.14	41.36	-11.00	Peak	---	---																																																																
3	161.92	35.79	43.50	-7.71	44.64	-8.85	Peak	---	---																																																																
4	206.54	25.43	43.50	-18.07	37.34	-11.91	Peak	---	---																																																																
5	276.38	27.23	46.00	-18.77	35.87	-8.64	Peak	---	---																																																																
6	346.22	30.06	46.00	-15.94	36.90	-6.84	Peak	---	---																																																																



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2437																																																																						
Polarization	Vertical																																																																								
Test By :Akun Chung- Temperature(°C):22 Humidity(%):62																																																																									
Level (dBuV/m) The graph displays the emission level in dBuV/m across a frequency range from 30 to 1000 MHz. A red step-like line represents the CLASS-B limit, starting at 40 dBuV/m and rising to 50 dBuV/m at 900 MHz. A blue line shows the measured emission, with six specific peaks numbered 1 through 6. Peak 1 is at 68.80 MHz, peak 2 at 120.21 MHz, peak 3 at 161.92 MHz, peak 4 at 191.02 MHz, peak 5 at 277.35 MHz, and peak 6 at 375.32 MHz. The emission level generally increases with frequency, staying below the CLASS-B limit. <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>68.80</td><td>31.26</td><td>40.00</td><td>-8.74</td><td>42.07</td><td>-10.81</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>120.21</td><td>31.60</td><td>43.50</td><td>-11.90</td><td>42.60</td><td>-11.00</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>161.92</td><td>30.00</td><td>43.50</td><td>-13.50</td><td>38.85</td><td>-8.85</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>191.02</td><td>22.93</td><td>43.50</td><td>-20.57</td><td>34.26</td><td>-11.33</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>277.35</td><td>24.69</td><td>46.00</td><td>-21.31</td><td>33.31</td><td>-8.62</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>375.32</td><td>32.84</td><td>46.00</td><td>-13.16</td><td>38.63</td><td>-5.79</td><td>Peak</td><td>---</td><td>---</td></tr></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	68.80	31.26	40.00	-8.74	42.07	-10.81	Peak	---	---	2	120.21	31.60	43.50	-11.90	42.60	-11.00	Peak	---	---	3	161.92	30.00	43.50	-13.50	38.85	-8.85	Peak	---	---	4	191.02	22.93	43.50	-20.57	34.26	-11.33	Peak	---	---	5	277.35	24.69	46.00	-21.31	33.31	-8.62	Peak	---	---	6	375.32	32.84	46.00	-13.16	38.63	-5.79	Peak	---	---
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	68.80	31.26	40.00	-8.74	42.07	-10.81	Peak	---	---																																																																
2	120.21	31.60	43.50	-11.90	42.60	-11.00	Peak	---	---																																																																
3	161.92	30.00	43.50	-13.50	38.85	-8.85	Peak	---	---																																																																
4	191.02	22.93	43.50	-20.57	34.26	-11.33	Peak	---	---																																																																
5	277.35	24.69	46.00	-21.31	33.31	-8.62	Peak	---	---																																																																
6	375.32	32.84	46.00	-13.16	38.63	-5.79	Peak	---	---																																																																



Unwanted Emission (Above 1GHz) for 11b

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Horizontal-Peak Value		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Horizontal-Average Value		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2412																														
Polarization	Vertical-Peak Value																																
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64																																	
Level (dBuV/m) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>4824.00</td><td>42.19</td><td>74.00</td><td>-31.81</td><td>41.17</td><td>1.02</td><td>Peak</td><td>100</td><td>208</td></tr><tr><td>2</td><td>12060.00</td><td>48.85</td><td>74.00</td><td>-25.15</td><td>40.11</td><td>8.74</td><td>Peak</td><td>100</td><td>124</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	4824.00	42.19	74.00	-31.81	41.17	1.02	Peak	100	208	2	12060.00	48.85	74.00	-25.15	40.11	8.74	Peak	100	124
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																								
1	4824.00	42.19	74.00	-31.81	41.17	1.02	Peak	100	208																								
2	12060.00	48.85	74.00	-25.15	40.11	8.74	Peak	100	124																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor, cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																	



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Vertical -Average Value		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m) </			

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor, cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBUV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBUV/m)			



Unwanted Emissions (Above 1GHz) for 11g

Modulation	11g	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBUV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11g	Test Freq. (MHz)	2412
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11g	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11g	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBUV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11g	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11g	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			

Unwanted Emissions (Above 1GHz) for HT20

Modulation	HT20	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m) <			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	HT20	Test Freq. (MHz)	2412
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m) <			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	HT20	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	HT20	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m) <			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	HT20	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	HT20	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			



Unwanted Emissions (Above 1GHz) for ax HE20

Modulation	ax HE20	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBUV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	ax HE20	Test Freq. (MHz)	2412
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	ax HE20	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBUV/m) </			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	ax HE20	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBUV/m) <			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	ax HE20	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	ax HE20	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Akun Chung- Temperature(°C):24 Humidity(%):64			
Level (dBuV/m)			

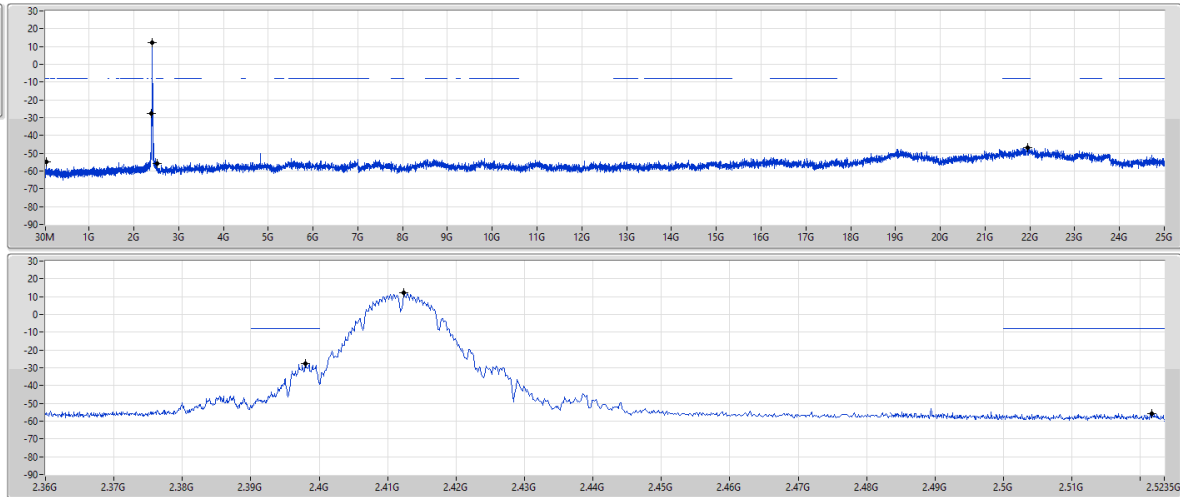


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

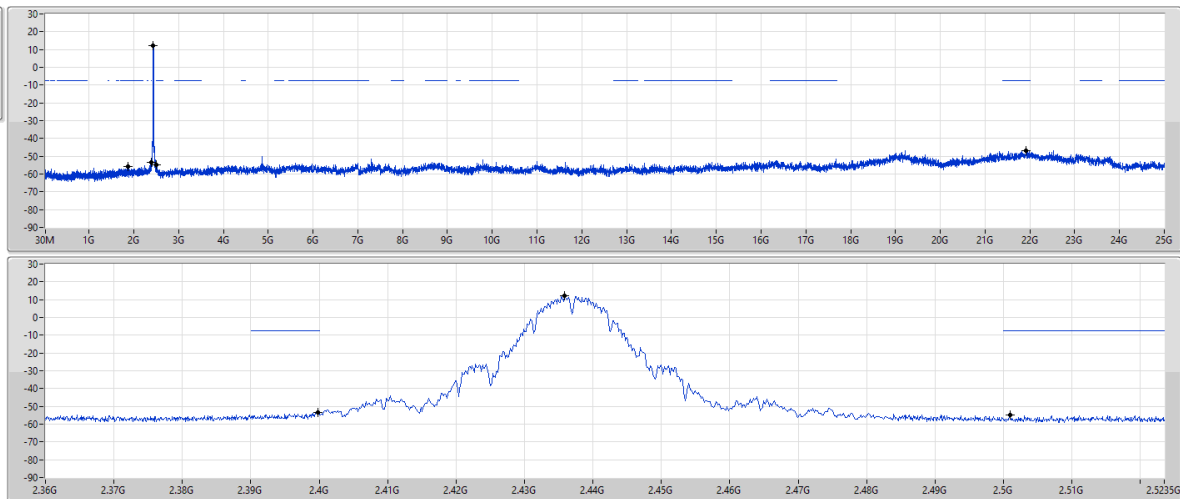


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

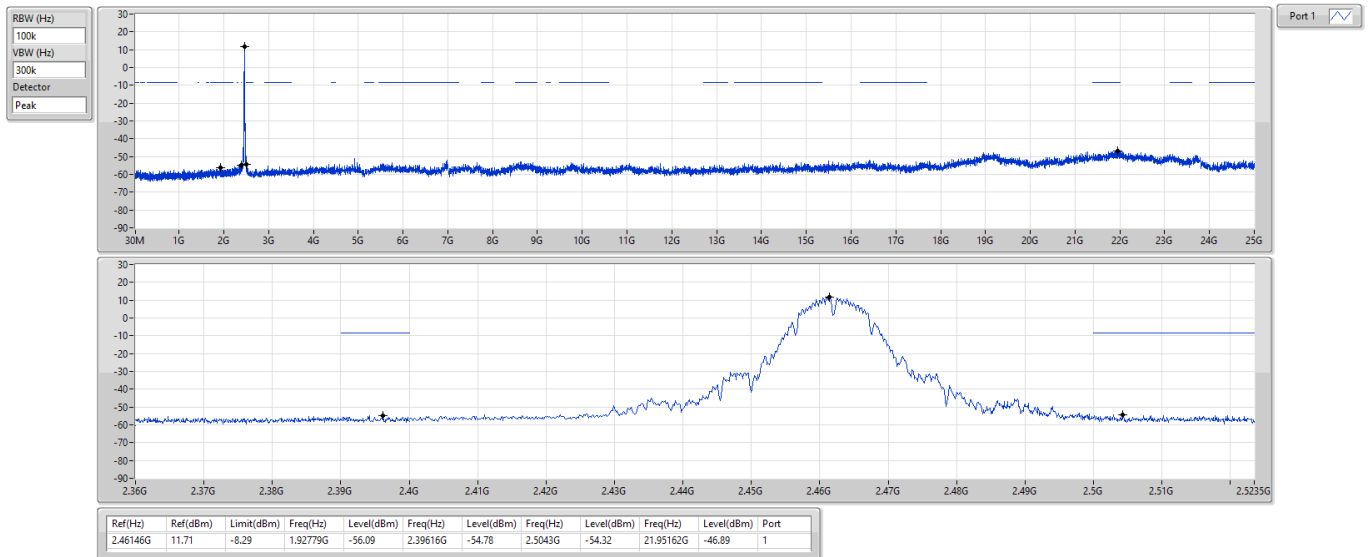




2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

CSEndB

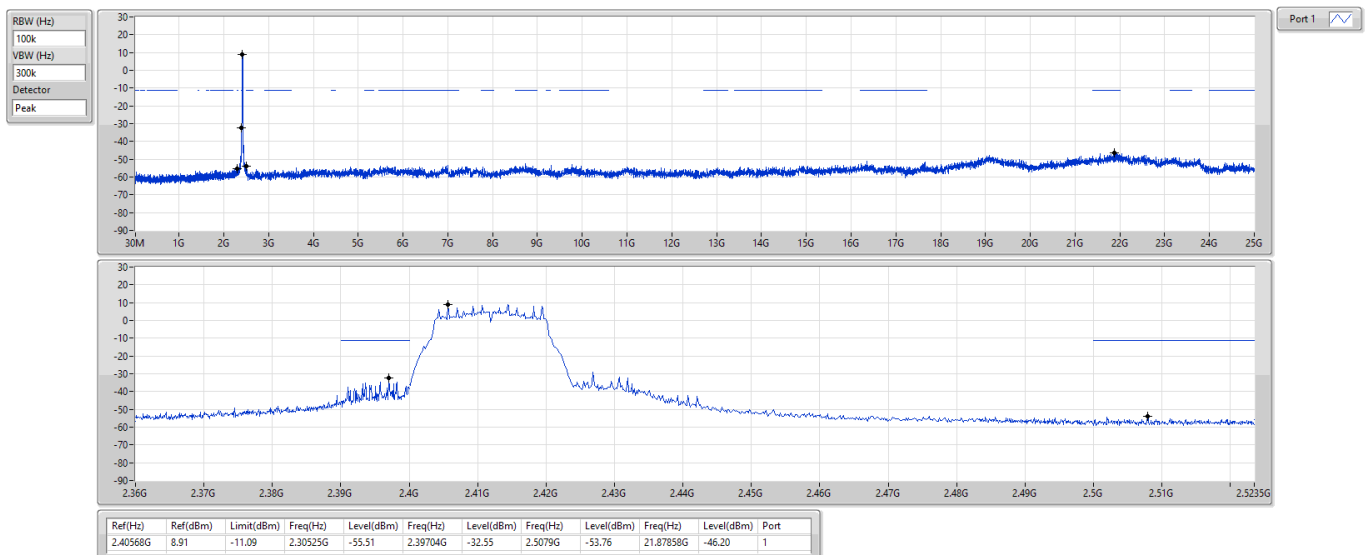
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2412MHz

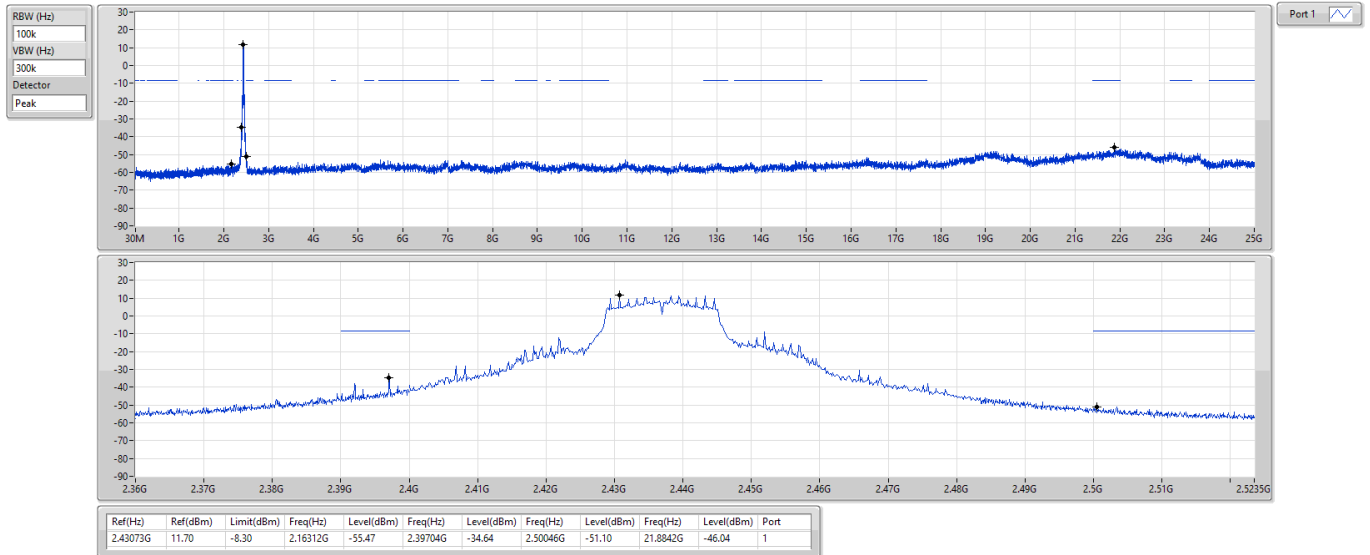




2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

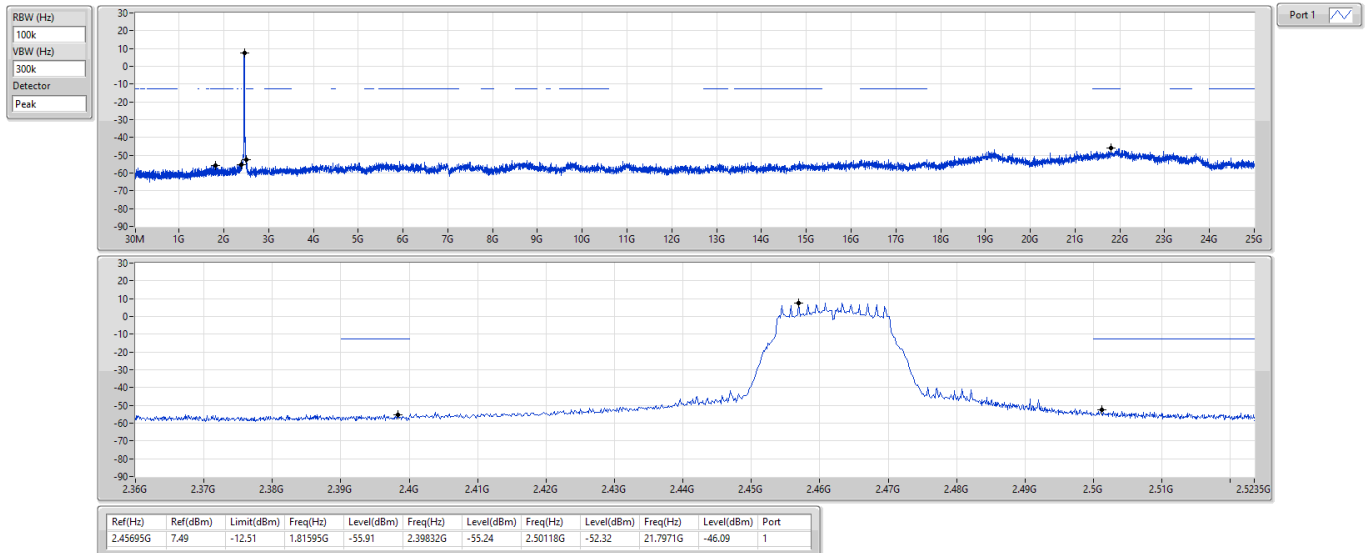
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

CSEndB

2462MHz

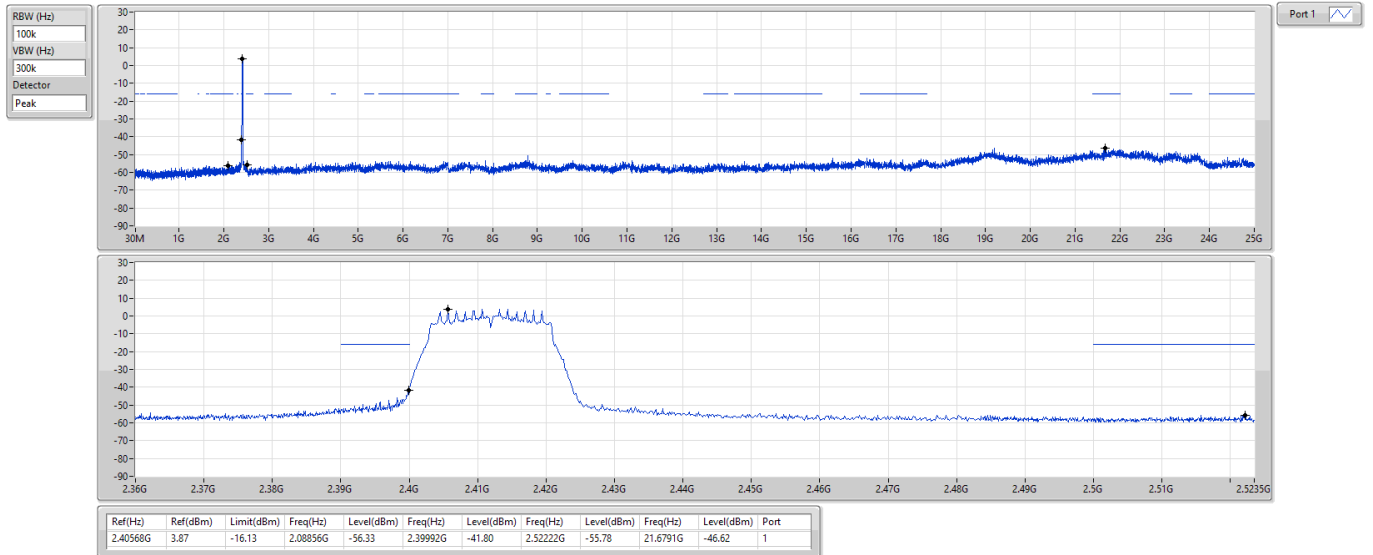




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSEndB

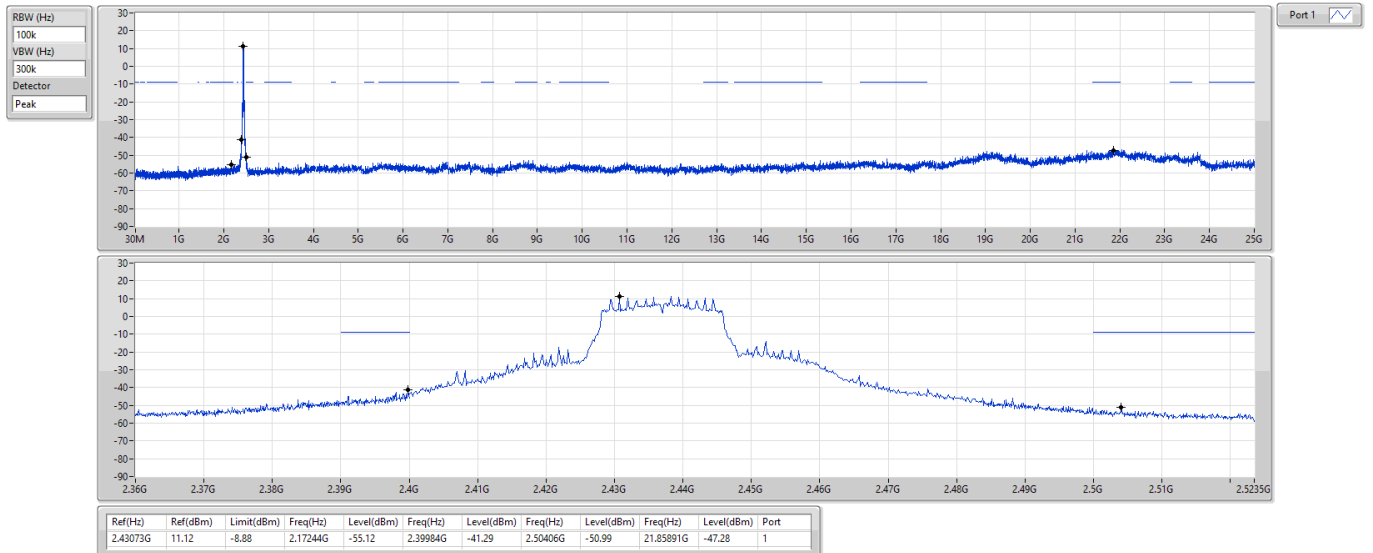
2412MHz



2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSEndB

2437MHz

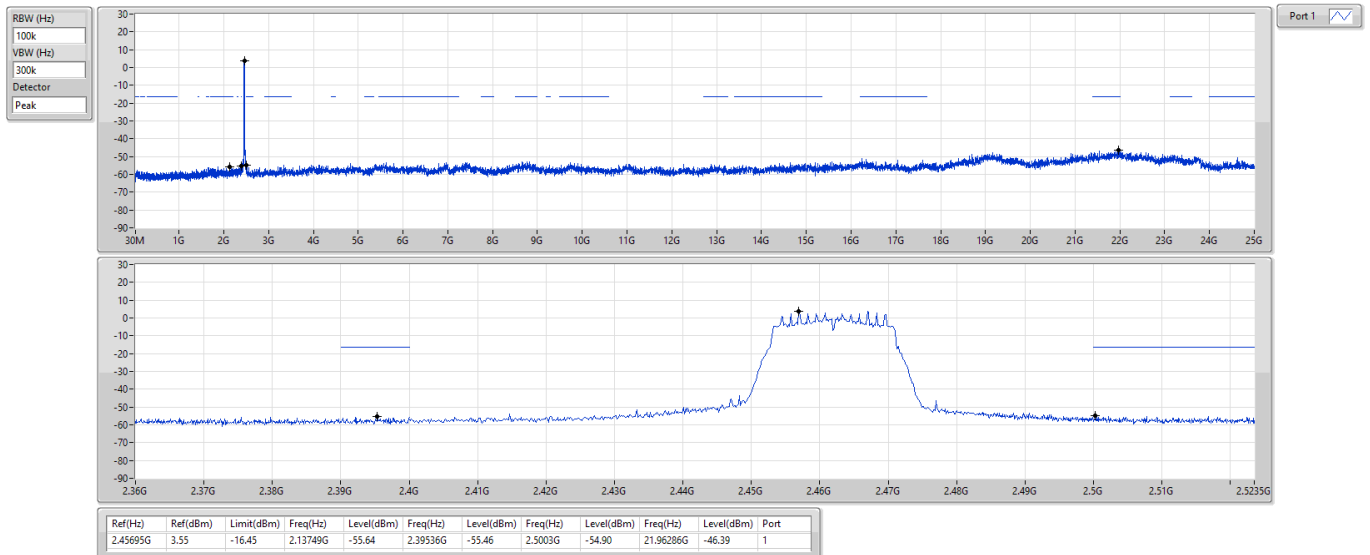




2.4-2.4835GHz_802.11n HT20_Nss1,(MCS0)_1TX

CSEndB

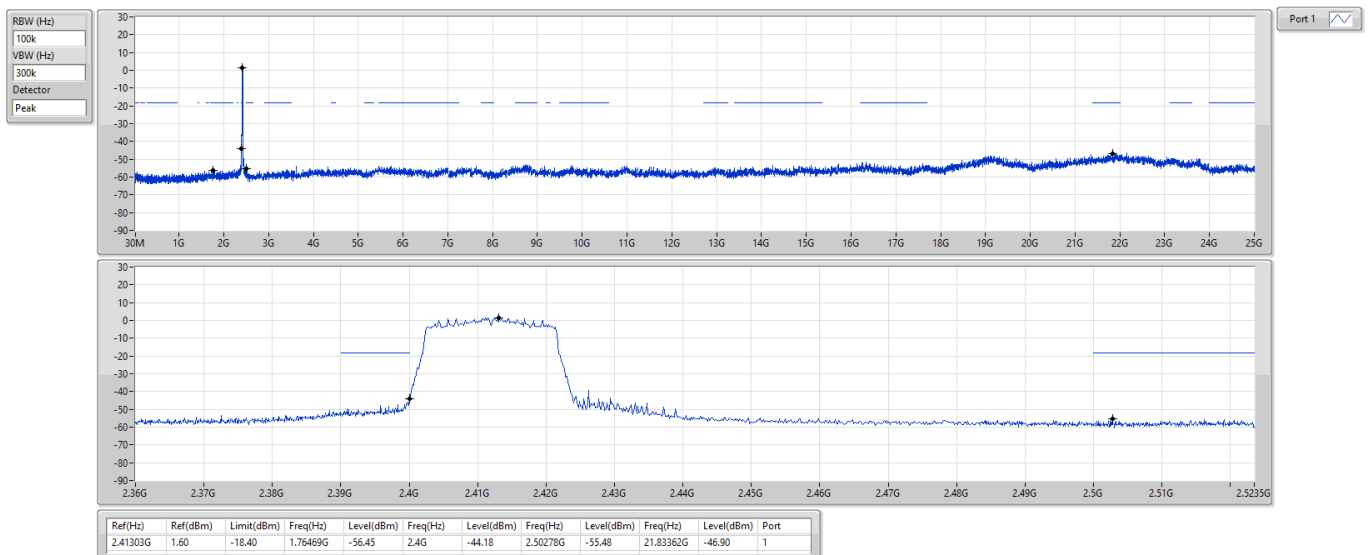
2462MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSEndB

2412MHz

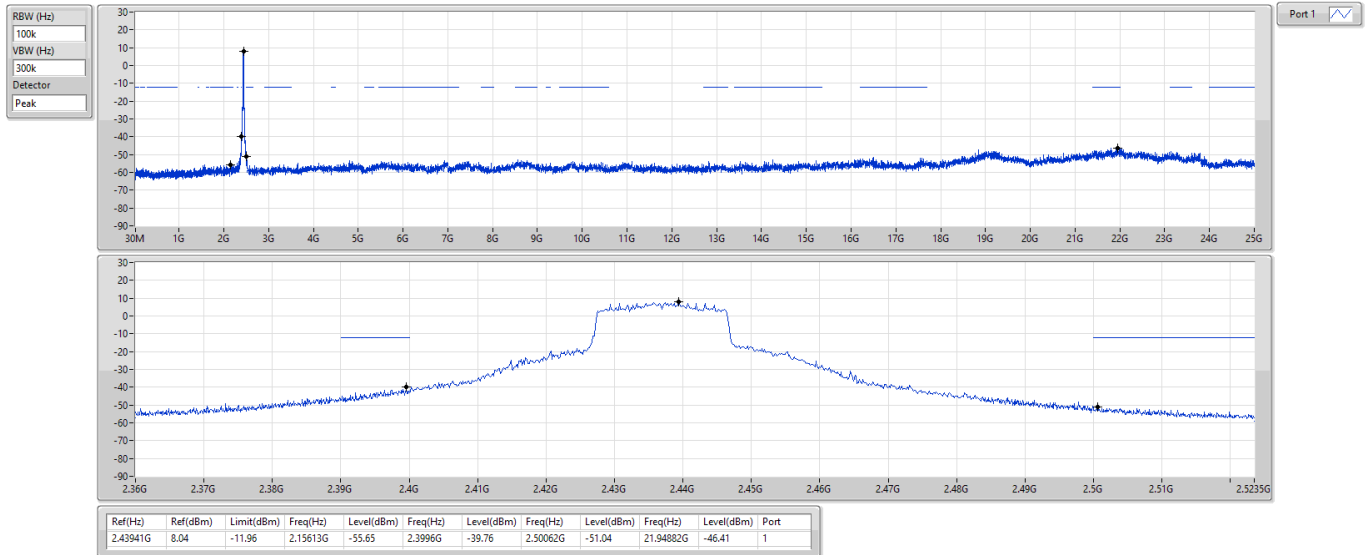




2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSEndB

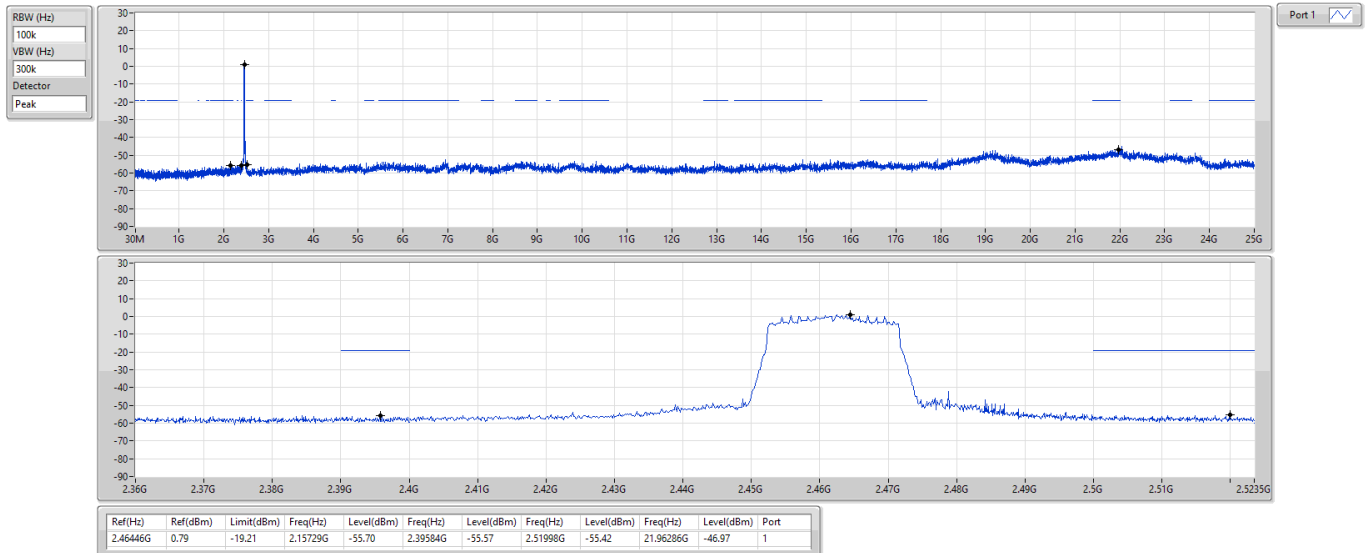
2437MHz



2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

CSEndB

2462MHz



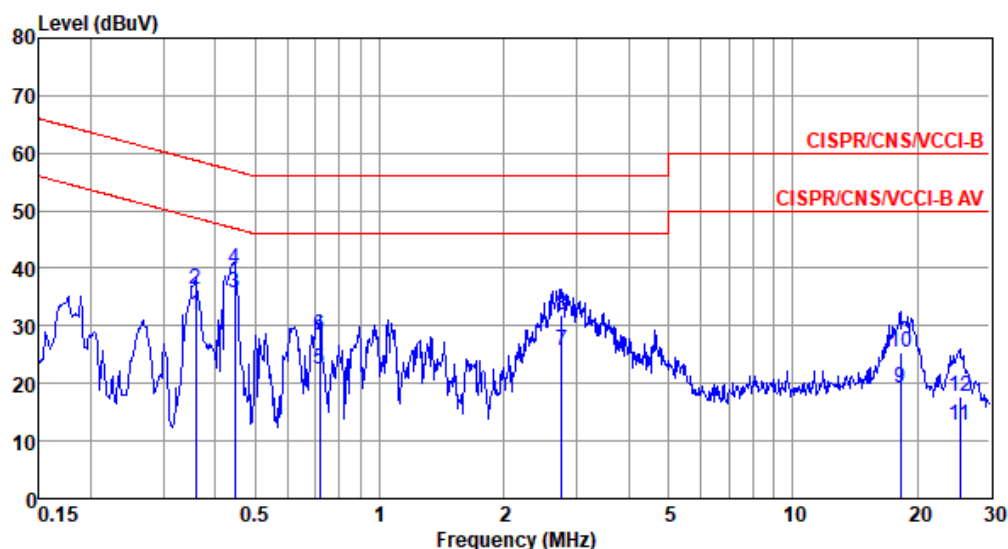


Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Joe Liao

Temperature: 21°C

Humidity: 63%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.360	31.95	48.74	-16.79	22.27	9.64	0.04	0.00	Average
2	0.360	36.34	58.74	-22.40	26.66	9.64	0.04	0.00	QP
3*	0.447	35.64	46.93	-11.29	25.96	9.64	0.04	0.00	Average
4	0.447	40.00	56.93	-16.93	30.32	9.64	0.04	0.00	QP
5	0.716	22.37	46.00	-23.63	12.67	9.65	0.05	0.00	Average
6	0.716	28.31	56.00	-27.69	18.61	9.65	0.05	0.00	QP
7	2.765	25.80	46.00	-20.20	16.02	9.66	0.12	0.00	Average
8	2.765	31.91	56.00	-24.09	22.13	9.66	0.12	0.00	QP
9	18.232	19.28	50.00	-30.72	9.30	9.69	0.29	0.00	Average
10	18.232	25.51	60.00	-34.49	15.53	9.69	0.29	0.00	QP
11	25.321	12.78	50.00	-37.22	2.82	9.66	0.30	0.00	Average
12	25.321	17.67	60.00	-42.33	7.71	9.66	0.30	0.00	QP

Note 1: Level (dBUV) = Read Level (dBUV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBUV) - Limit Line (dBUV).

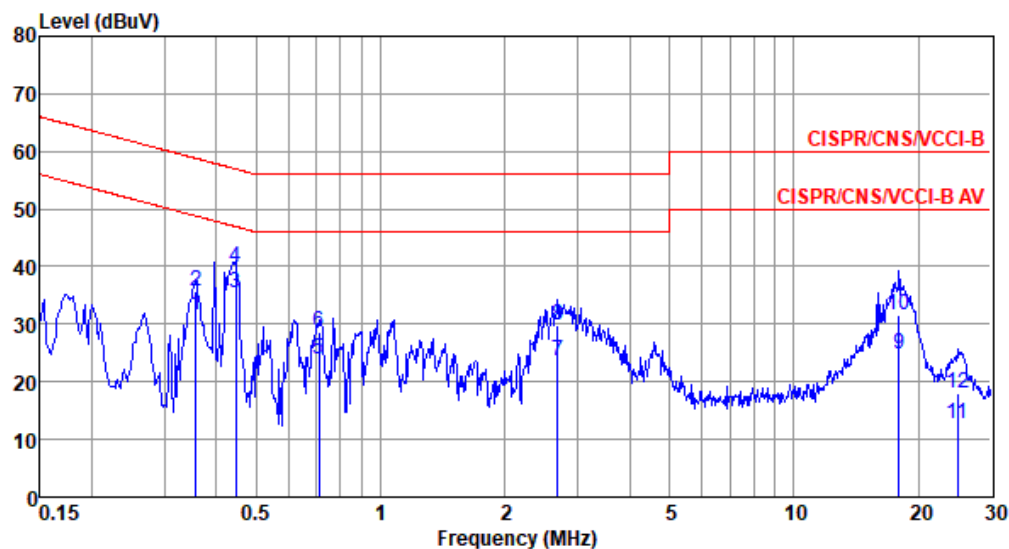


Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 21°C

Humidity: 63%



	Freq MHz	Level dBuV	Limit Line dBuV	Over Limit dB	Read Level dBuV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.358	31.57	48.78	-17.21	21.90	9.63	0.04	0.00	Average
2	0.358	35.79	58.78	-22.99	26.12	9.63	0.04	0.00	QP
3*	0.447	35.37	46.93	-11.56	25.70	9.63	0.04	0.00	Average
4	0.447	39.97	56.93	-16.96	30.30	9.63	0.04	0.00	QP
5	0.708	23.92	46.00	-22.08	14.23	9.64	0.05	0.00	Average
6	0.708	28.64	56.00	-27.36	18.95	9.64	0.05	0.00	QP
7	2.678	23.74	46.00	-22.26	13.97	9.65	0.12	0.00	Average
8	2.678	29.72	56.00	-26.28	19.95	9.65	0.12	0.00	QP
9	17.944	24.86	50.00	-25.14	14.79	9.78	0.29	0.00	Average
10	17.944	31.50	60.00	-28.50	21.43	9.78	0.29	0.00	QP
11	24.922	12.56	50.00	-37.44	2.47	9.79	0.30	0.00	Average
12	24.922	18.09	60.00	-41.91	8.00	9.79	0.30	0.00	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).

2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).