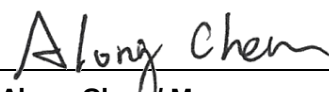


FCC Test Report

FCC ID : 2AWUU42B8520
Equipment : WiFi Module 1
Model No. : 42-B8520
Brand Name : Verkada
Applicant : VERKADA INC
Address : 405 E. 4th Ave, San Mateo, CA 94401, United States
Standard : 47 CFR FCC Part 15.247
Received Date : Aug. 11, 2026
Tested Date : Aug. 17 ~ Sep. 08, 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:


Along Chen / Manager

Approved by:

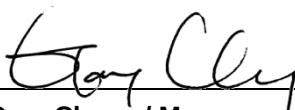

Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FR681101AC	Rev. 01	Initial issue	Oct. 01, 2026

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	[dBuV]: 20.654MHz 48.99 (Margin -1.01dB) - AV	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 5000.00MHz 52.48 (Margin -1.52dB) - AV	Pass
15.247(b)(3)	Conducted Output Power	Max Power [dBm]: 27.49	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	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 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]	2	1-11 Mbps
2400-2483.5	g	2412-2462	1-11 [11]	2	6-54 Mbps
2400-2483.5	n (HT20)	2412-2462	1-11 [11]	2	MCS 0-15
2400-2483.5	n (HT40)	2422-2452	3-9 [7]	2	MCS 0-15
2400-2483.5	ac (VHT20)	2412-2462	1-11 [11]	2	MCS 0-9
2400-2483.5	ac (VHT40)	2422-2452	3-9 [7]	2	MCS 0-9
2400-2483.5	ax (HE20)	2412-2462	1-11 [11]	2	MCS 0-11
2400-2483.5	ax (HE40)	2422-2452	3-9 [7]	2	MCS 0-11

Note 1: RF output power specifies that Maximum Peak Conducted Output Power.
 Note 2: DSSS-DBPSK, DQPSK, CCK modulation
 OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.

1.1.2 Antenna Details

Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
Sercomm	RFDPA23130 0SBMB801	Dipole	UFL	5.00	7.38	7.38	7.38	7.38
Sercomm	RFDPA17130 0SBLB825	Monopole	UFL	4.00	2.60	2.60	3.50	3.80
Sercomm	61721DS00V	PIFA	UFL	2.60	3.90	3.90	4.50	4.10

1.1.3 Configuration of Equipment under Test (EUT)

Power Supply Type	12Vdc from host	
Beamforming	☐ Support	☒ Not support
RU Configuration	☒ Full RU	☐ Partial RU

1.1.4 Accessories

N/A.

1.1.5 Channel List

Frequency band (MHz)		2400~2483.5	
802.11 b / g / n HT20 / ac VHT20 / ax HE20		802.11n HT40 / ac VHT40 / ax HE40	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	3	2422
2	2417	4	2427
3	2422	5	2432
4	2427	6	2437
5	2432	7	2442
6	2437	8	2447
7	2442	9	2452
8	2447	---	---
9	2452	---	---
10	2457	---	---
11	2462	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	PuTTY, Version: 0.76		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11b	99.94%	0.00
	11g	99.26%	0.03
	ax HE20	99.69%	0.01
	ax HE40	99.55%	0.02

1.1.7 Power Index of Test Tool

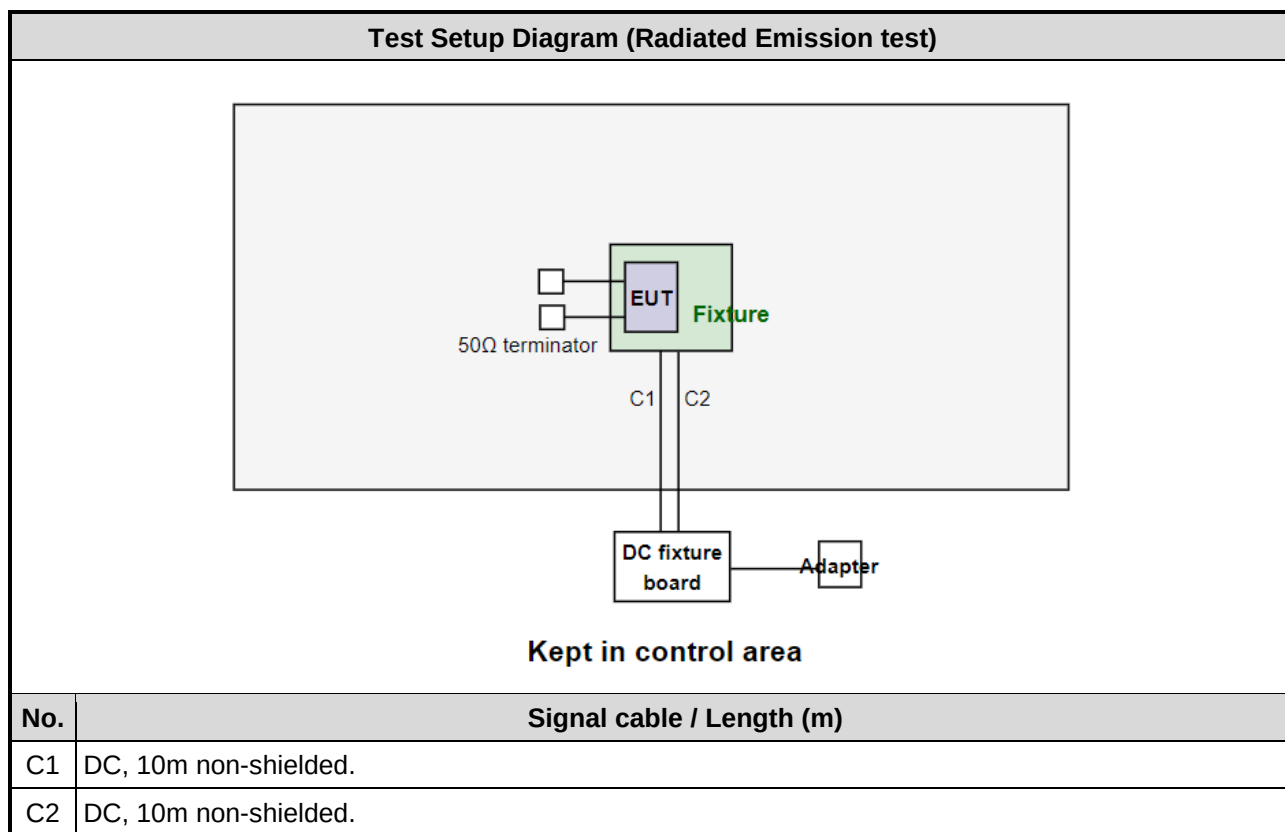
Modulation Mode	Test Frequency (MHz)	Power Index
11b	2412	8
11b	2417	10
11b	2422	11.5
11b	2427	12.5
11b	2432	14.5
11b	2437	15.5
11b	2442	15.5
11b	2447	13.5
11b	2452	12
11b	2457	11.5
11b	2462	10
11g	2412	18
11g	2437	18
11g	2462	18
ax HE20	2412	16
ax HE20	2417	18
ax HE20	2437	18
ax HE20	2457	18
ax HE20	2462	16.5
ax HE40	2422	15
ax HE40	2437	16
ax HE40	2452	15.5

1.2 Local Support Equipment List

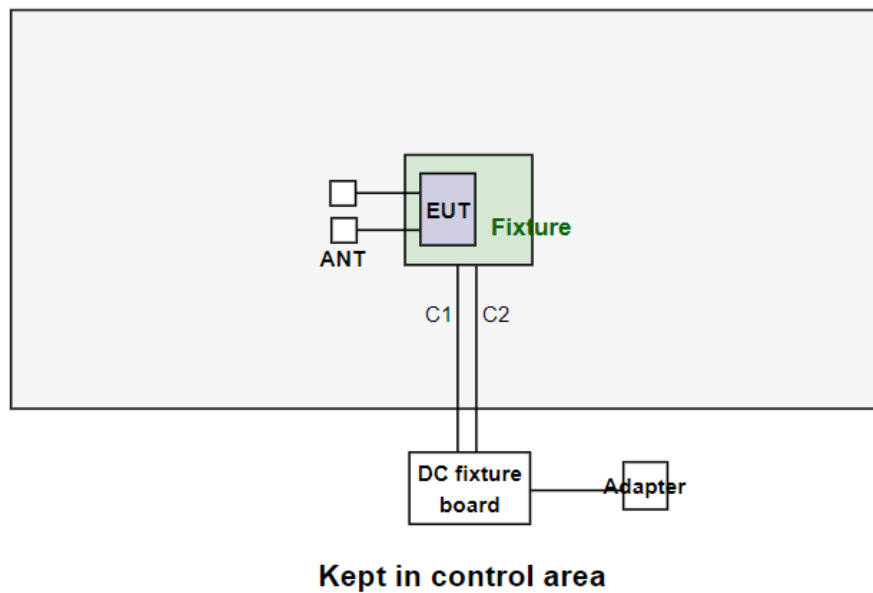
Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Fixture board	SERCOMM	HW1.0	---	Provided by applicant.
2	50 ohm load	woken	WTER-18S2	---	---
3	DC fixture board	ICC	DC-PCB	---	---
4	Adapter	PHIHONG	AA240U-59FKEA	---	---
5	Laptop	DELL	Latitude 3440	DoC	---

Note: The laptop was removed from the test table after configuring the EUT for continuous transmission.

1.3 Test Setup Chart



Test Setup Diagram (Conducted Emission test)



No.	Signal cable / Length (m)
C1	DC, 10m non-shielded.
C2	DC, 10m non-shielded.

1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Aug. 17 ~ Aug. 23, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Apr. 02, 2026	Apr. 01, 2027
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. 03, 2026	Jun. 02, 2027
Preamplifier	EMC	EMC118A45SE	980898	Jul. 01, 2026	Jun. 30, 2027
Preamplifier	EMC	EMC184045SE	980903	Aug. 06, 2026	Aug. 05, 2027
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	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Aug. 23 ~ Aug. 25, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 06, 2026	Jun. 05, 2027
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
HIGHPASS FILTER 3.1-18G	WHK	WHK3.1/18G-10SS	39	Oct. 01, 2025	Sep. 30, 2026
LOWPASS FILTER	WI	WLKS1100-12SS	2	Oct. 01, 2025	Sep. 30, 2026
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	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	Sep. 08, 2026				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101659	Apr. 29, 2026	Apr. 28, 2027
LISN	R&S	ENV216	101579	May 18, 2026	May 17, 2027
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Apr. 12, 2026	Apr. 11, 2027
RF Cable-CON	EMC	EMCCFD300-BM-B M-6000	50821	Oct. 07, 2025	Oct. 06, 2026
50 ohm terminal	NA	50	01	Jun. 23, 2026	Jun. 22, 2027
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.247

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

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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
- ISSED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
AC Power Line Conducted Emission	ax HE20	2437	MCS 0	---
Unwanted Emissions ≤ 1GHz	ax HE20	2437	MCS 0	Note 2
Unwanted Emissions >1GHz	11b 11g ax HE20 ax HE40	2412 / 2437 / 2462 2412 / 2437 / 2462 2412 / 2437 / 2462 2422 / 2437 / 2452	1 Mbps 6 Mbps MCS 0 MCS 0	Note 2
Conducted Output Power	11b	2412 / 2417 / 2422 / 2427 / 2432 / 2437 / 2442 / 2447 / 2452 / 2457 / 2462	1 Mbps	---
	11g	2412 / 2437 / 2462	6 Mbps	---
	ax HE20	2412 / 2417 / 2437 / 2457 / 2462	MCS 0	---
	ax HE40	2422 / 2437 / 2452	MCS 0	---
6dB bandwidth	11b	2412 / 2437 / 2462	1 Mbps	---
Power spectral density	11g	2412 / 2437 / 2462	6 Mbps	
	ax HE20	2412 / 2437 / 2462	MCS 0	
	ax HE40	2422 / 2437 / 2452	MCS 0	
NOTE:				
1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The Z-plane results were found as the worst case and were shown in this report.				
2. Unwanted spurious emission test is performed by antenna-port conducted measurements in conjunction with cabinet emissions tests. The 50Ω terminator is connected to antenna port of EUT for cabinet emission measurement.				

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

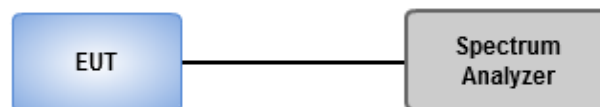
6dB Bandwidth

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	24-25°C / 65-68%	Tested By	Aska Huang
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Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Conducted power shall not exceed 1Watt.

Antenna gain $\leq 6\text{dBi}$, no any corresponding reduction is in output power limit.

Antenna gain $> 6\text{dBi}$

Non Fixed, point to point operations.

The conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dB

Fixed, point to point operations

Systems operating in the 2400–2483.5 MHz band that are used exclusively for fixed, point-to-point Operations, maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

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	24-25°C / 65-68%	Tested By	Aska Huang
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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.

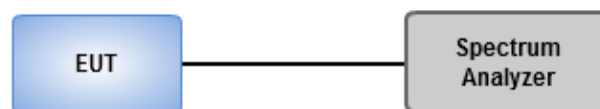
Average PSD, duty cycle $\geq 98\%$

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	24-25°C / 65-68%	Tested By	Aska Huang
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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

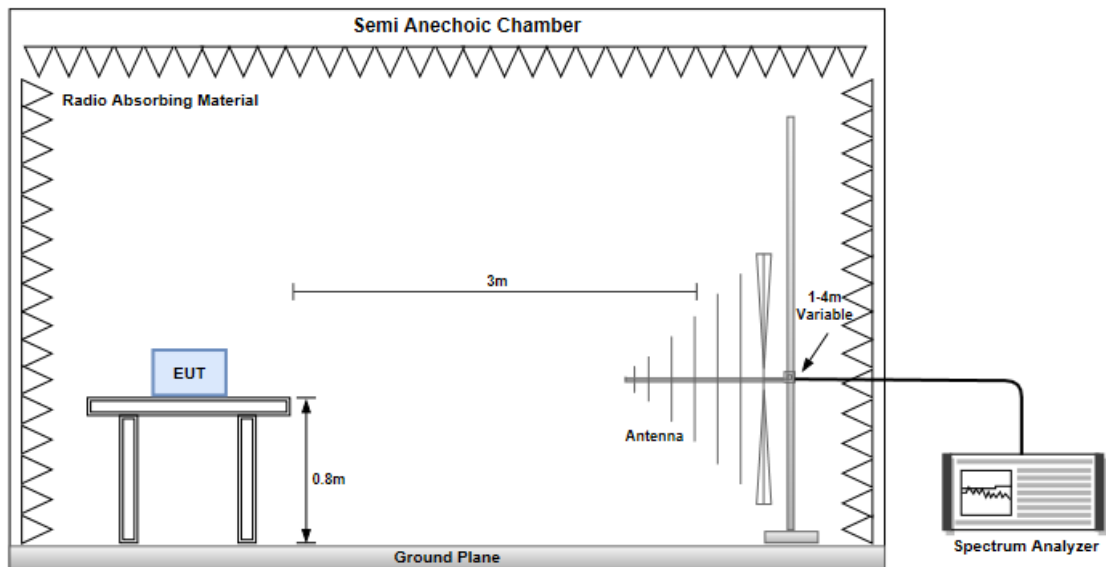
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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:

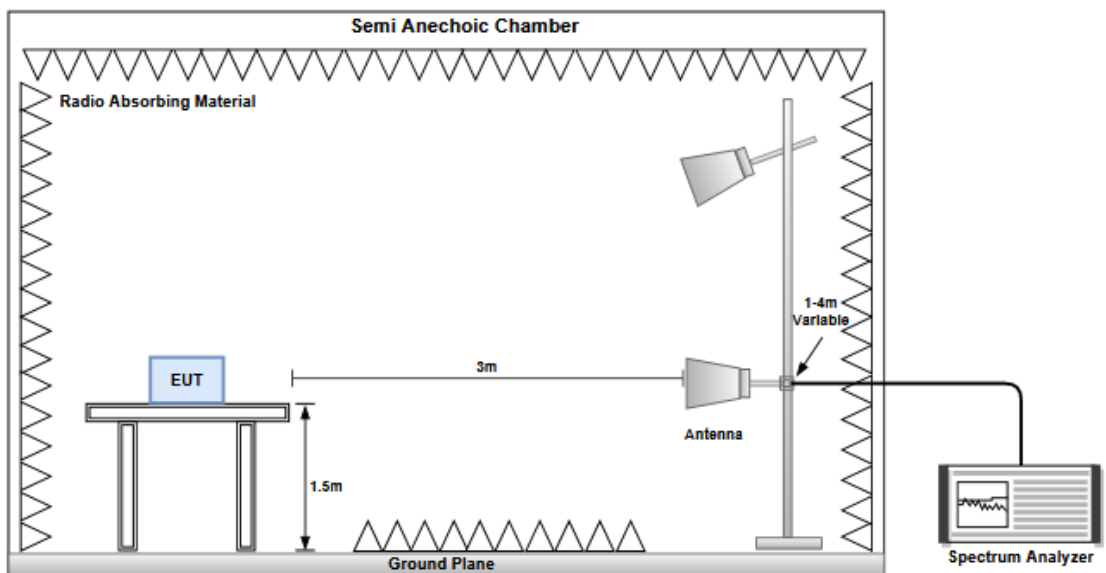
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

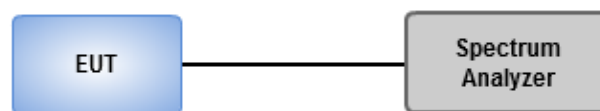
Reference level measurement

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	24-25°C / 65-68%	Tested By	Aska Huang
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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

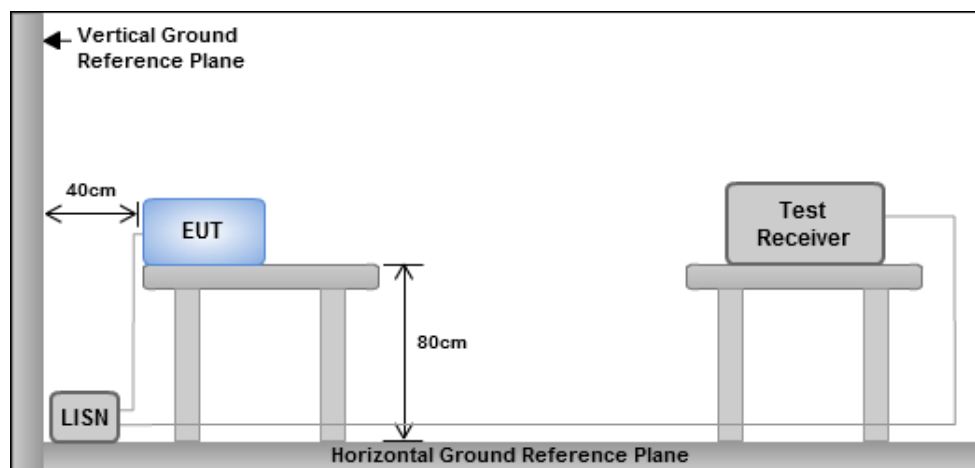
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

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

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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)_2TX	6.6M	13.018M	13M0G1D	6.05M	12.912M
802.11g_Nss1,(6Mbps)_2TX	16.72M	17.7M	17M7D1D	16.5M	17.304M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.14M	19.353M	19M4D1D	19.03M	19.306M
802.11ax HEW40_Nss1,(MCS0)_2TX	38.5M	38.278M	38M3D1D	38.06M	38.09M

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)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.6M	12.922M	6.105M	13.005M
2437MHz	Pass	500k	6.6M	12.912M	6.105M	12.974M
2462MHz	Pass	500k	6.6M	13.006M	6.05M	13.018M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.72M	17.7M	16.61M	17.409M
2437MHz	Pass	500k	16.61M	17.601M	16.61M	17.331M
2462MHz	Pass	500k	16.555M	17.669M	16.5M	17.304M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.14M	19.347M	19.085M	19.353M
2437MHz	Pass	500k	19.085M	19.306M	19.03M	19.316M
2462MHz	Pass	500k	19.085M	19.335M	19.14M	19.341M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	38.5M	38.278M	38.06M	38.223M
2437MHz	Pass	500k	38.06M	38.102M	38.17M	38.103M
2452MHz	Pass	500k	38.39M	38.128M	38.17M	38.09M

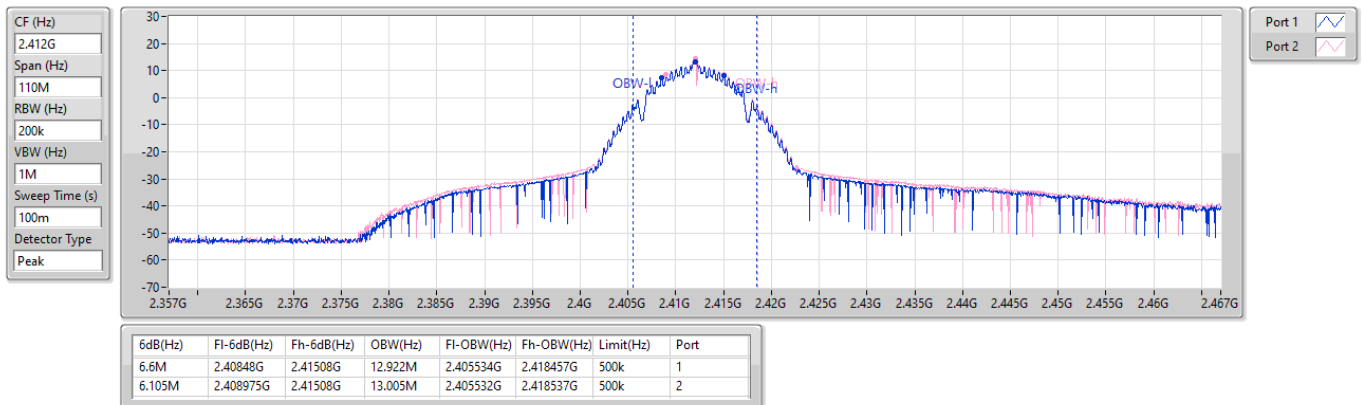
Port X-N dB = Port X 6dB down bandwidth;

Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

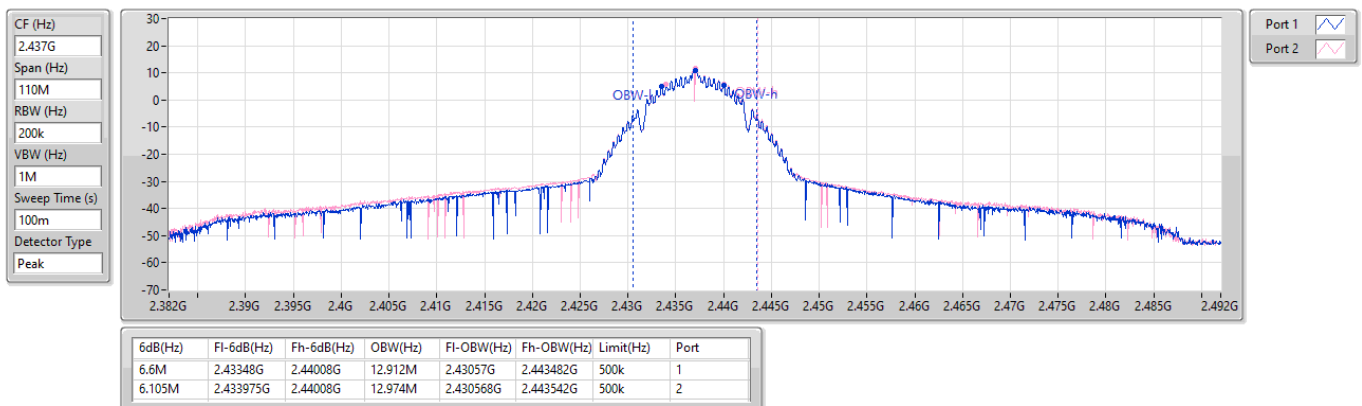
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

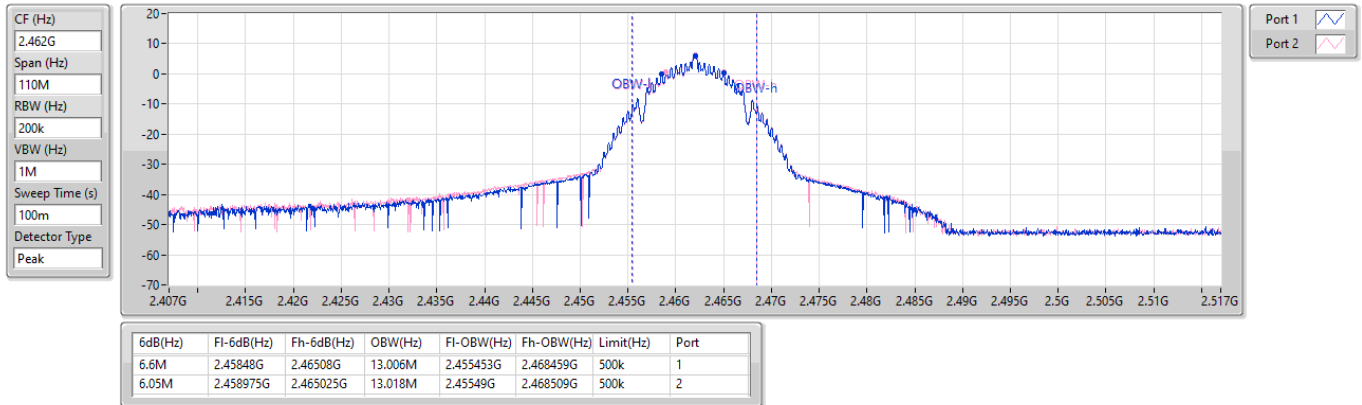
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2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

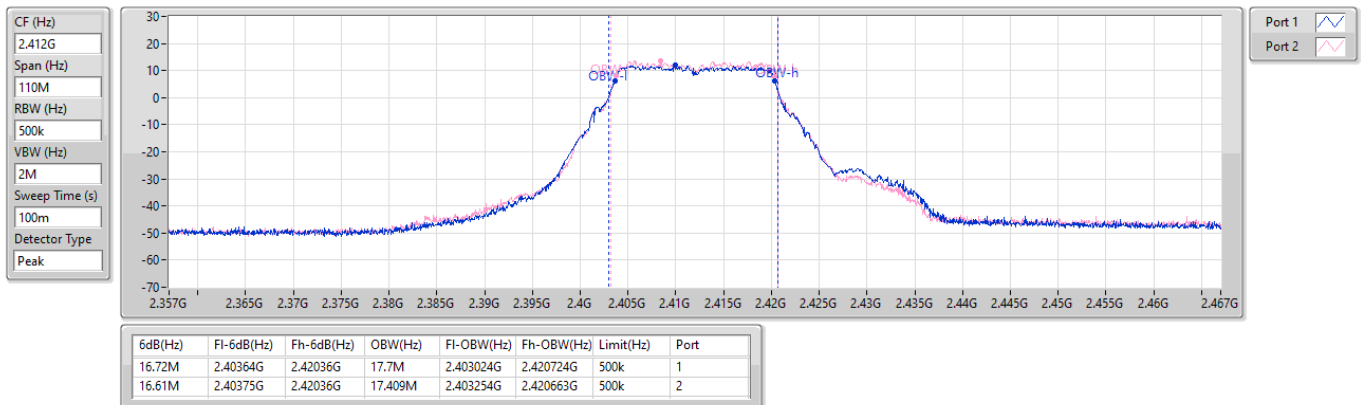
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

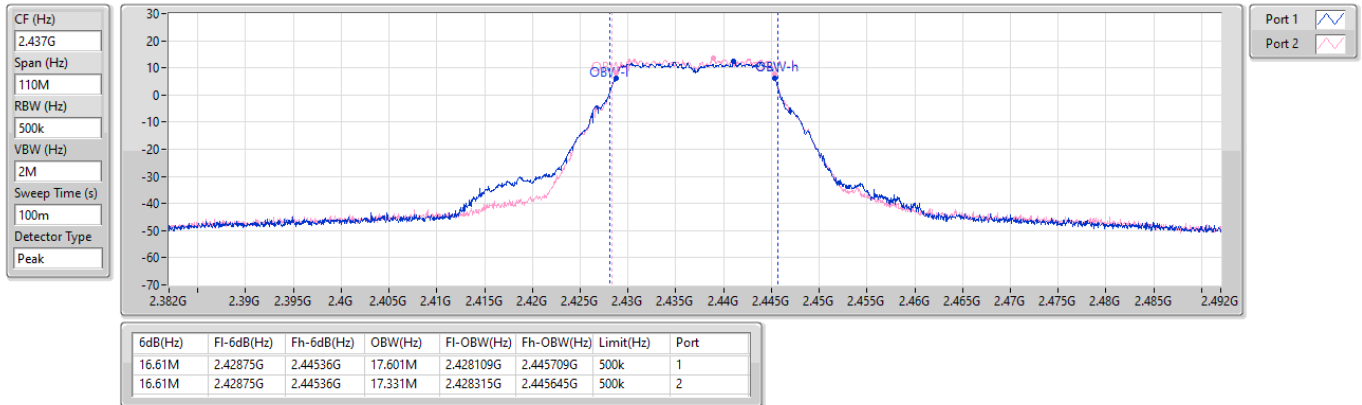




2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

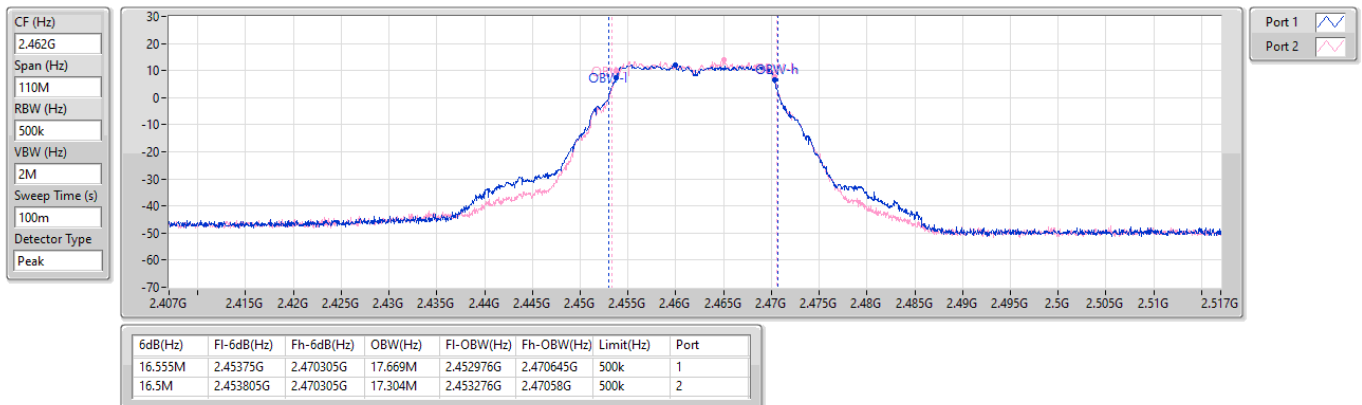
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2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

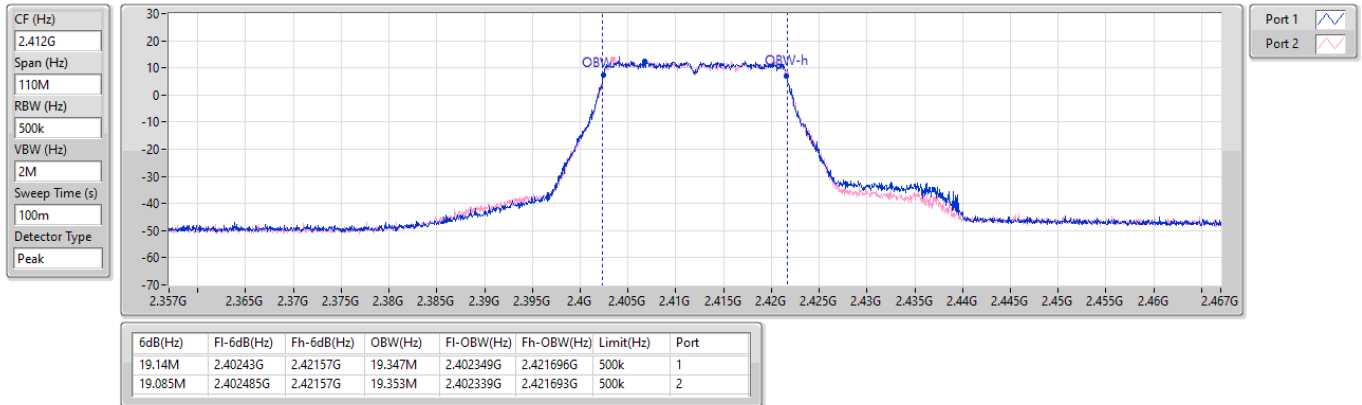




2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

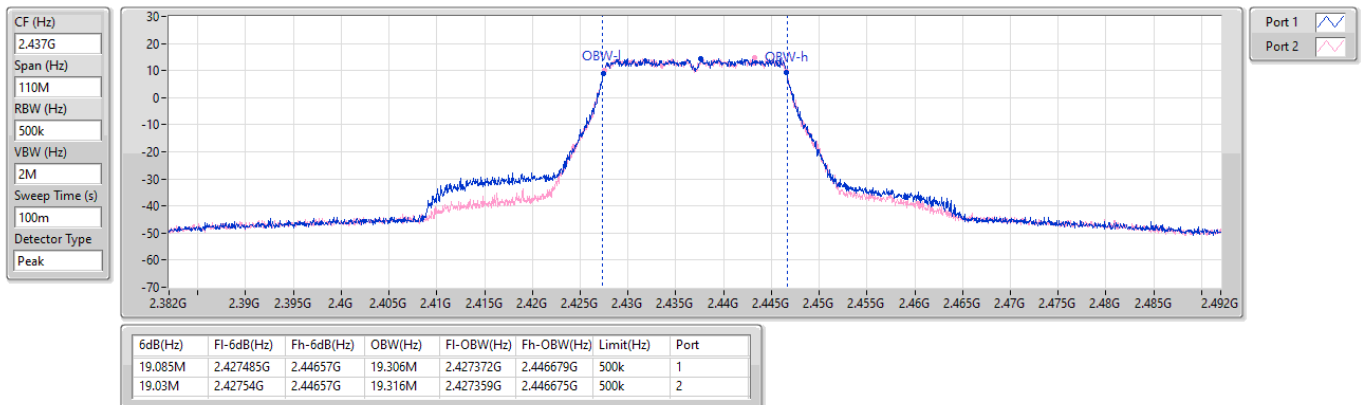
2412MHz



2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

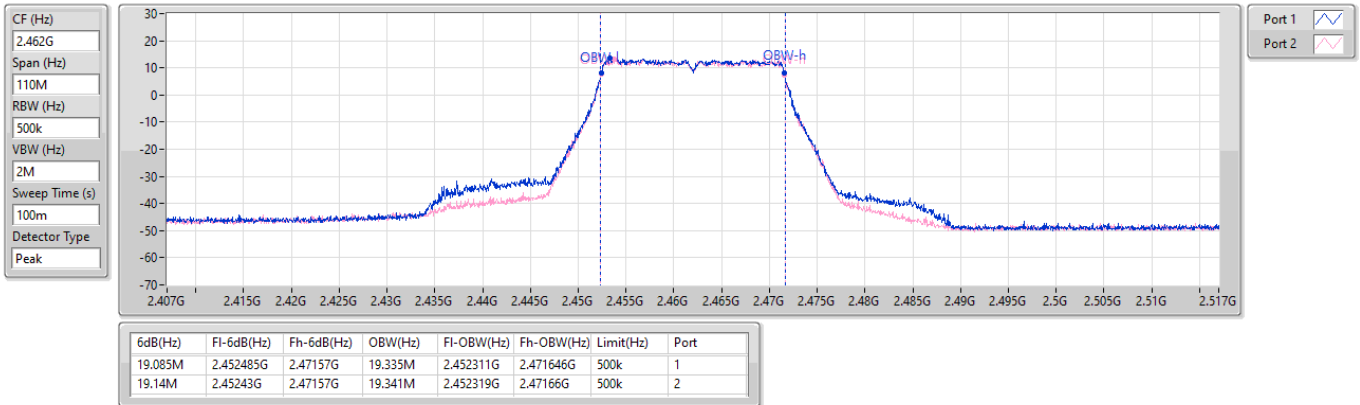




2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

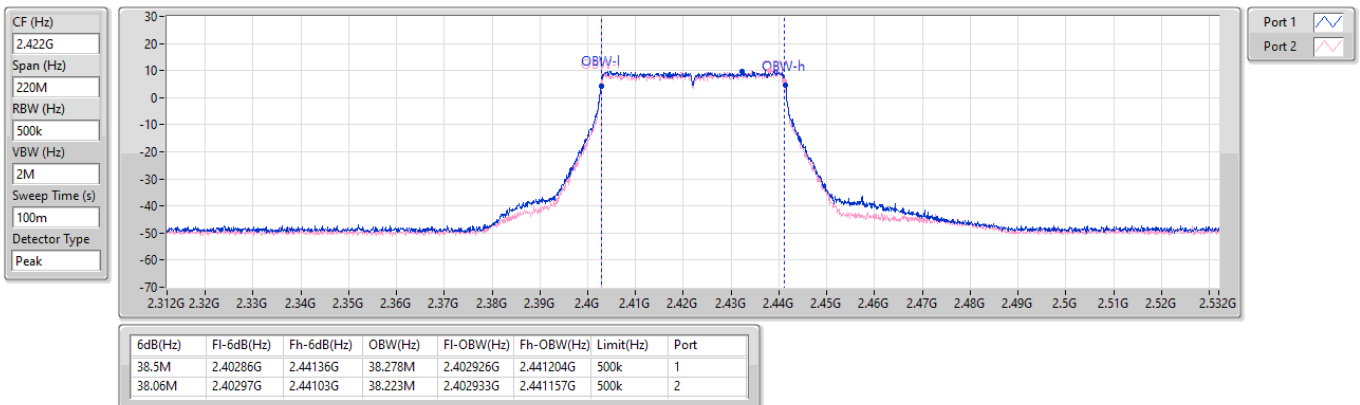
2462MHz



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

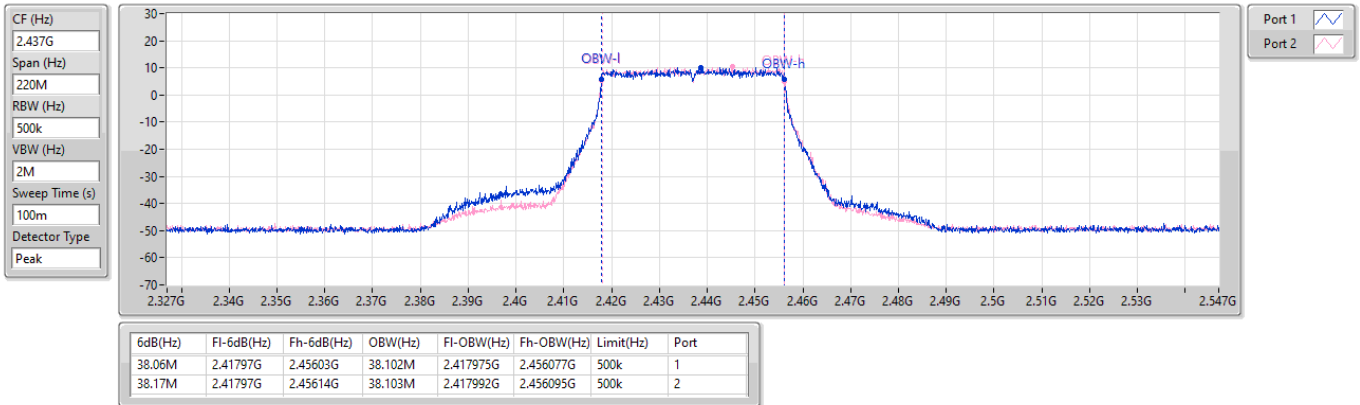




2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

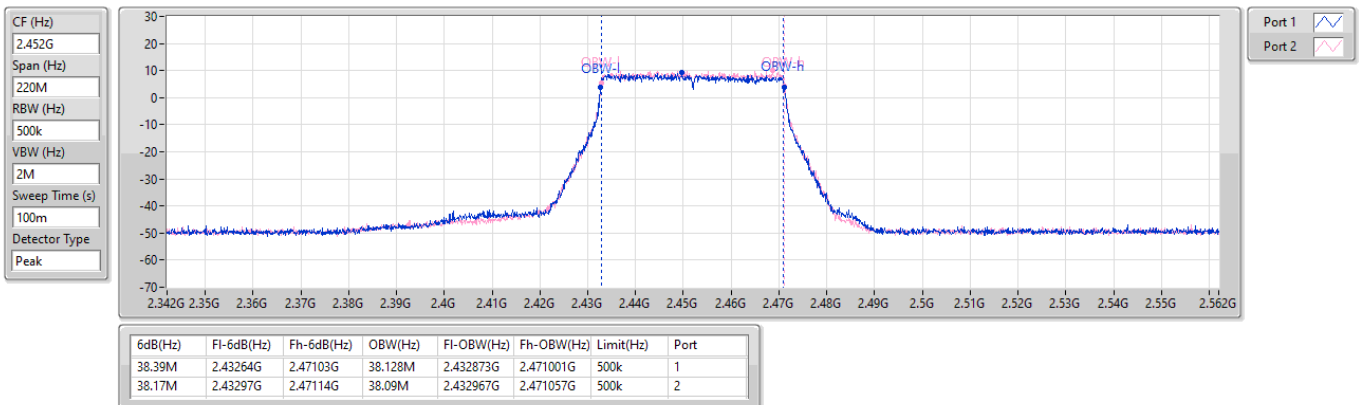
2437MHz



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz



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

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	22.02	0.15922
802.11g_Nss1,(6Mbps)_2TX	26.97	0.49774
802.11ax HEW20_Nss1,(MCS0)_2TX	27.49	0.56105
802.11ax HEW40_Nss1,(MCS0)_2TX	25.44	0.34995

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.00	11.95	12.14	15.06	30.00	20.06	36.00
2417MHz	Pass	5.00	13.75	13.76	16.77	30.00	21.77	36.00
2422MHz	Pass	5.00	14.92	15.18	18.06	30.00	23.06	36.00
2427MHz	Pass	5.00	16	16.22	19.12	30.00	24.12	36.00
2432MHz	Pass	5.00	18.14	18.15	21.16	30.00	26.16	36.00
2437MHz	Pass	5.00	19.04	18.98	22.02	30.00	27.02	36.00
2442MHz	Pass	5.00	18.78	19.06	21.93	30.00	26.93	36.00
2447MHz	Pass	5.00	17.28	17.75	20.53	30.00	25.53	36.00
2452MHz	Pass	5.00	15.79	15.83	18.82	30.00	23.82	36.00
2457MHz	Pass	5.00	15.22	14.57	17.92	30.00	22.92	36.00
2462MHz	Pass	5.00	13.82	13.92	16.88	30.00	21.88	36.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.00	23.79	23.95	26.88	30.00	31.88	36.00
2437MHz	Pass	5.00	23.92	23.99	26.97	30.00	31.97	36.00
2462MHz	Pass	5.00	23.95	23.93	26.95	30.00	31.95	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.00	22.55	22.62	25.60	30.00	30.60	36.00
2417MHz	Pass	5.00	24.33	24.37	27.36	30.00	32.36	36.00
2437MHz	Pass	5.00	24.43	24.52	27.49	30.00	32.49	36.00
2457MHz	Pass	5.00	24.51	24.33	27.43	30.00	32.43	36.00
2462MHz	Pass	5.00	23.28	23.04	26.17	30.00	31.17	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.00	21.98	22.12	25.06	30.00	30.06	36.00
2437MHz	Pass	5.00	22.31	22.22	25.28	30.00	30.28	36.00
2452MHz	Pass	5.00	22.54	22.31	25.44	30.00	30.44	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	19.37	0.08650
802.11g_Nss1,(6Mbps)_2TX	21.33	0.13583
802.11ax HEW20_Nss1,(MCS0)_2TX	21.34	0.13614
802.11ax HEW40_Nss1,(MCS0)_2TX	19.39	0.08690

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.00	9.3	9.55	12.44	-	17.44	-
2417MHz	Pass	5.00	11.08	11.21	14.16	-	19.16	-
2422MHz	Pass	5.00	12.38	12.59	15.50	-	20.50	-
2427MHz	Pass	5.00	13.32	13.62	16.48	-	21.48	-
2432MHz	Pass	5.00	15.46	15.48	18.48	-	23.48	-
2437MHz	Pass	5.00	16.31	16.4	19.37	-	24.37	-
2442MHz	Pass	5.00	16.08	16.34	19.22	-	24.22	-
2447MHz	Pass	5.00	14.55	15.13	17.86	-	22.86	-
2452MHz	Pass	5.00	13.22	13.28	16.26	-	21.26	-
2457MHz	Pass	5.00	12.62	12.01	15.34	-	20.34	-
2462MHz	Pass	5.00	11.21	11.3	14.27	-	19.27	-
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.00	18.16	18.46	21.32	-	26.32	-
2437MHz	Pass	5.00	18.23	18.41	21.33	-	26.33	-
2462MHz	Pass	5.00	18.34	18.26	21.31	-	26.31	-
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.00	16.31	16.44	19.39	-	24.39	-
2417MHz	Pass	5.00	18.12	18.45	21.30	-	26.30	-
2437MHz	Pass	5.00	18.24	18.41	21.34	-	26.34	-
2457MHz	Pass	5.00	18.25	18.27	21.27	-	26.27	-
2462MHz	Pass	5.00	16.91	16.73	19.83	-	24.83	-
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.00	15.34	15.61	18.49	-	23.49	-
2437MHz	Pass	5.00	16.32	16.43	19.39	-	24.39	-
2452MHz	Pass	5.00	16.02	16.58	19.32	-	24.32	-

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)_2TX	-5.16
802.11g_Nss1,(6Mbps)_2TX	-4.81
802.11ax HEW20_Nss1,(MCS0)_2TX	-5.33
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.22

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.01	-14.15	-13.71	-11.03	5.99
2437MHz	Pass	8.01	-7.32	-7.48	-5.16	5.99
2462MHz	Pass	8.01	-12.17	-12.32	-9.25	5.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.01	-7.84	-7.47	-5.41	5.99
2437MHz	Pass	8.01	-6.55	-7.24	-5.03	5.99
2462MHz	Pass	8.01	-7.14	-7.31	-4.81	5.99
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	8.01	-9.55	-9.40	-6.47	5.99
2437MHz	Pass	8.01	-7.74	-7.62	-5.33	5.99
2462MHz	Pass	8.01	-8.51	-9.63	-6.74	5.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	8.01	-11.54	-11.45	-9.36	5.99
2437MHz	Pass	8.01	-11.13	-11.28	-9.29	5.99
2452MHz	Pass	8.01	-11.96	-11.06	-9.22	5.99

DG = Directional Gain; RBW = 3kHz;

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Directional gain = $10 \log \left[\left(10^{5/20} + 10^{5/20} \right)^2 / 2 \right] = 8.01 \text{ dBi}$

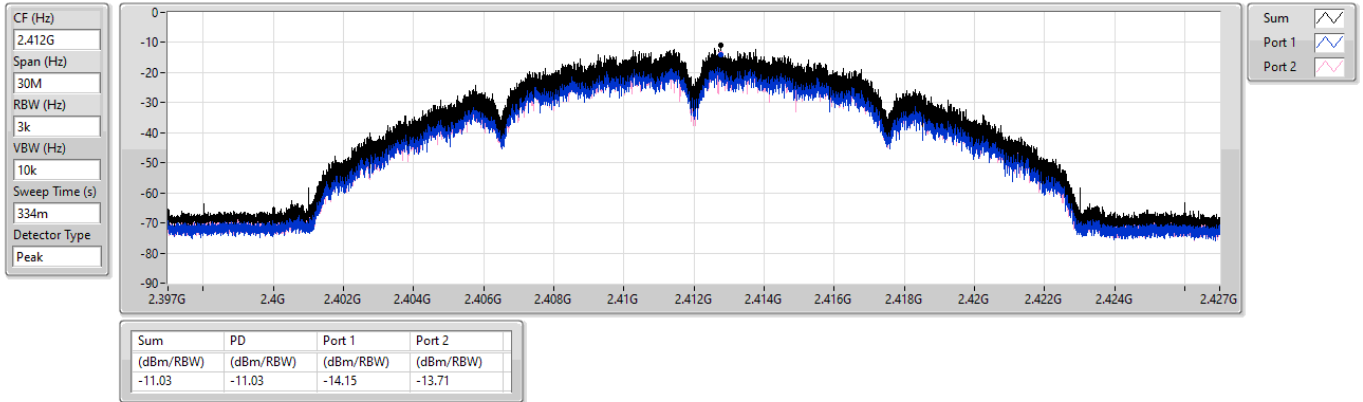
When using transmitting antennas with a directional gain exceeding 6 dBi, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

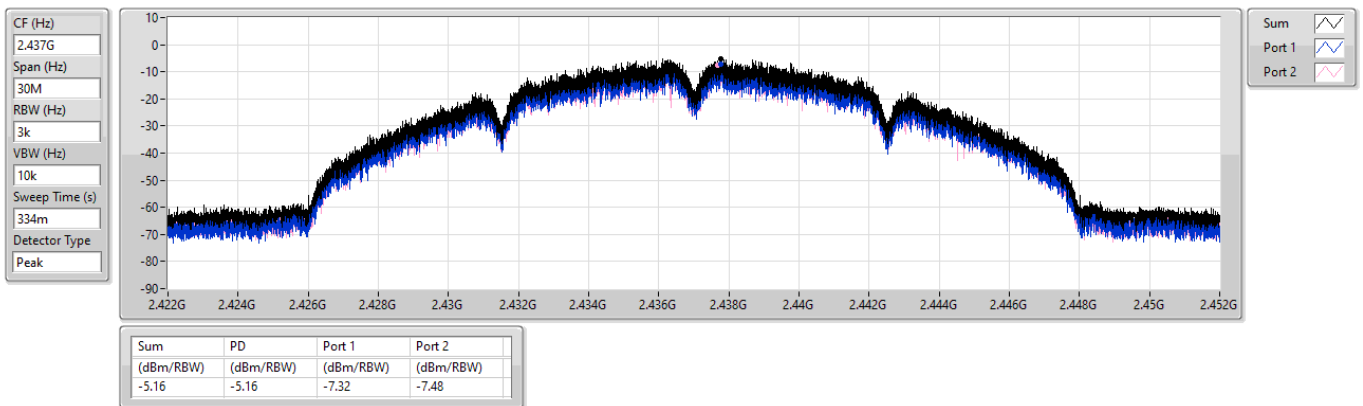
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

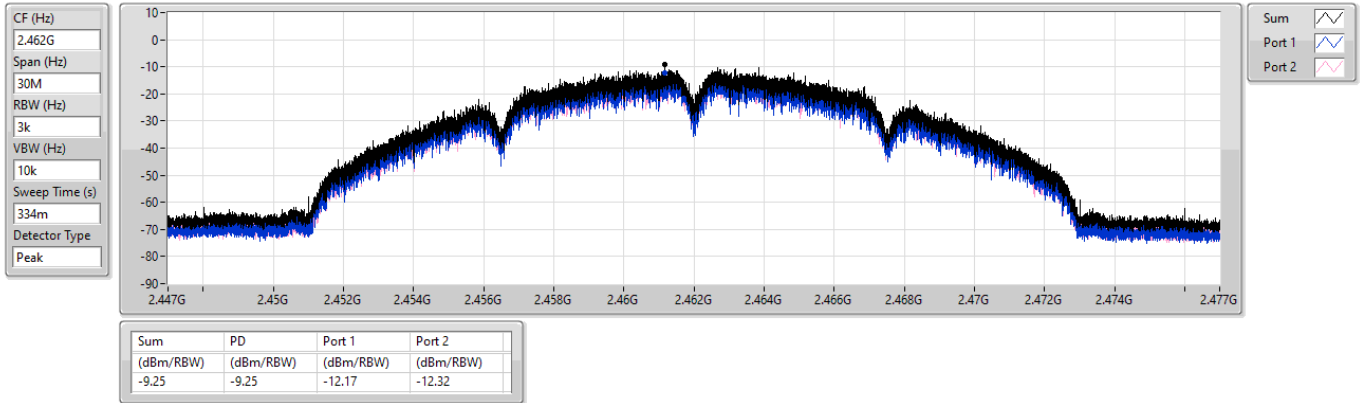
2437MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

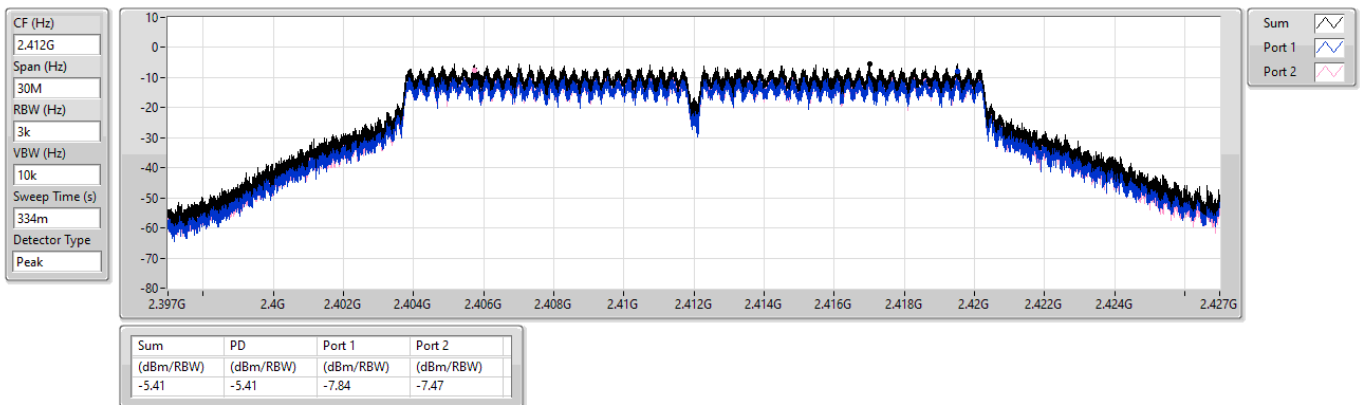
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

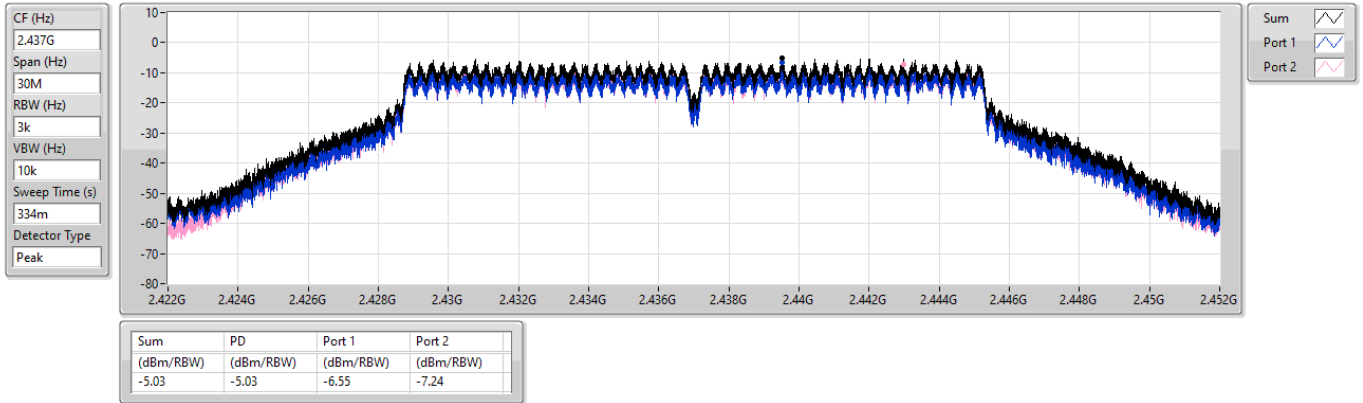




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PSD

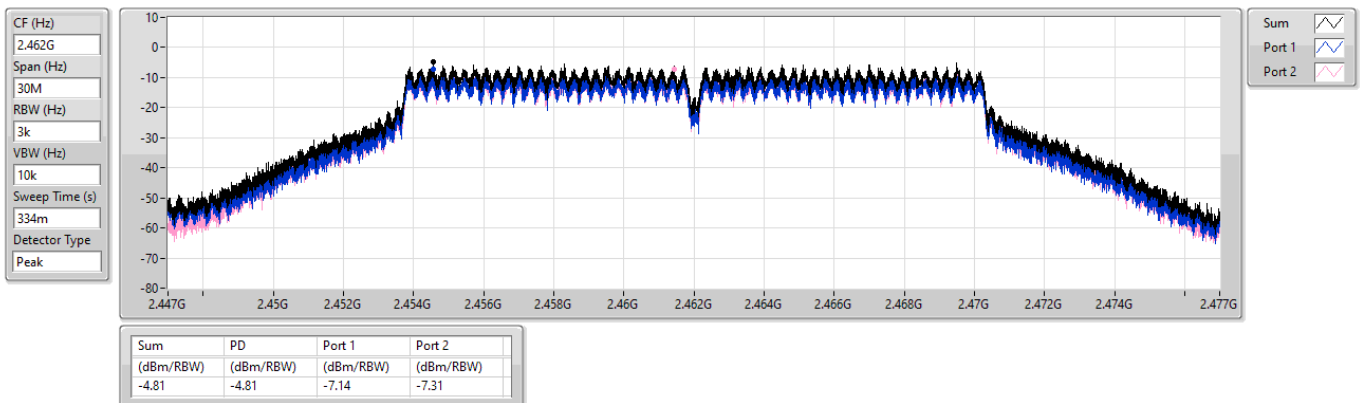
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

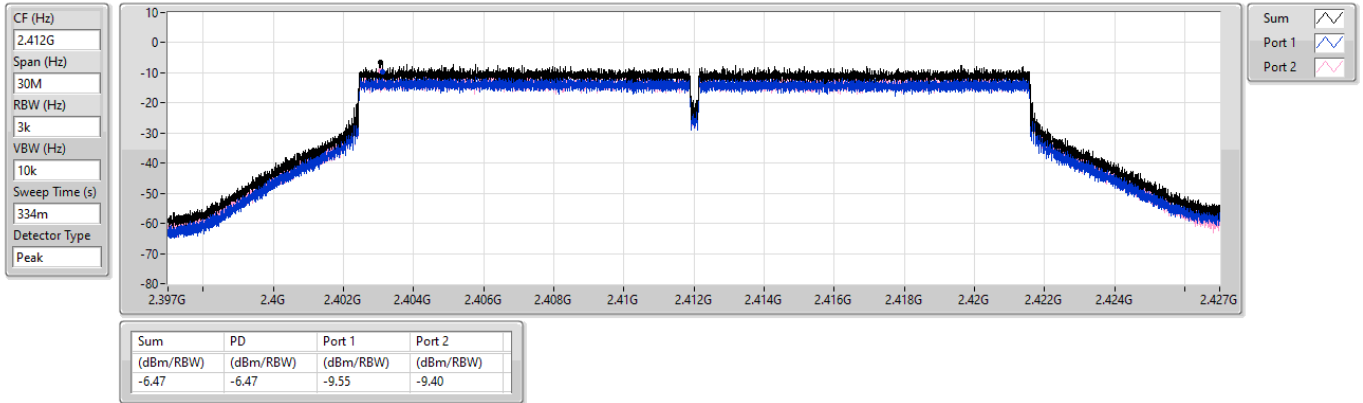




2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

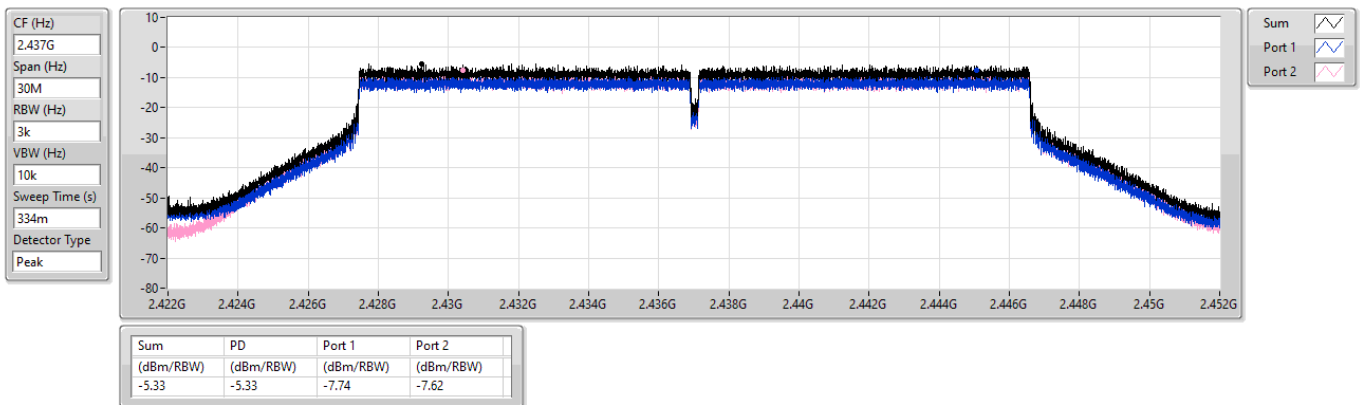
2412MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

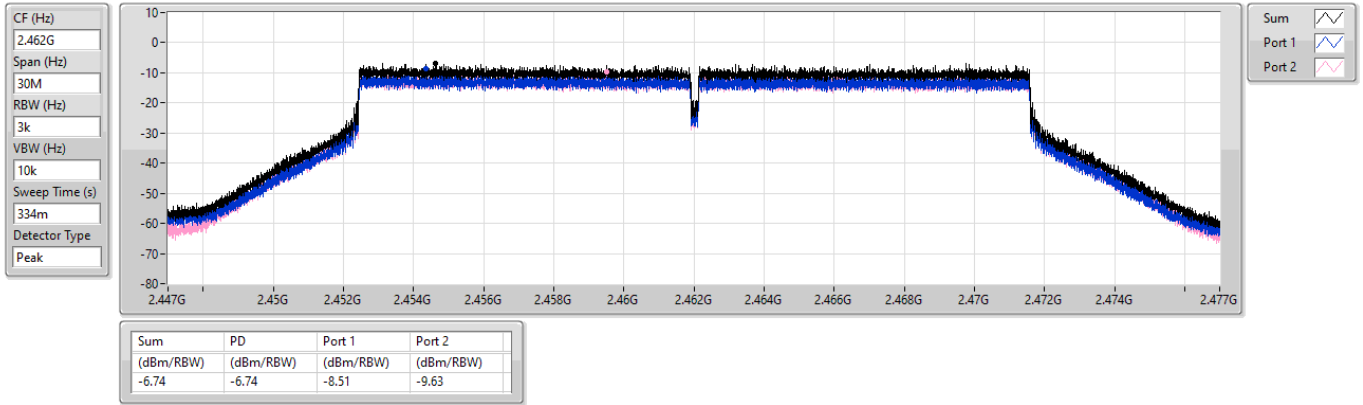
2437MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

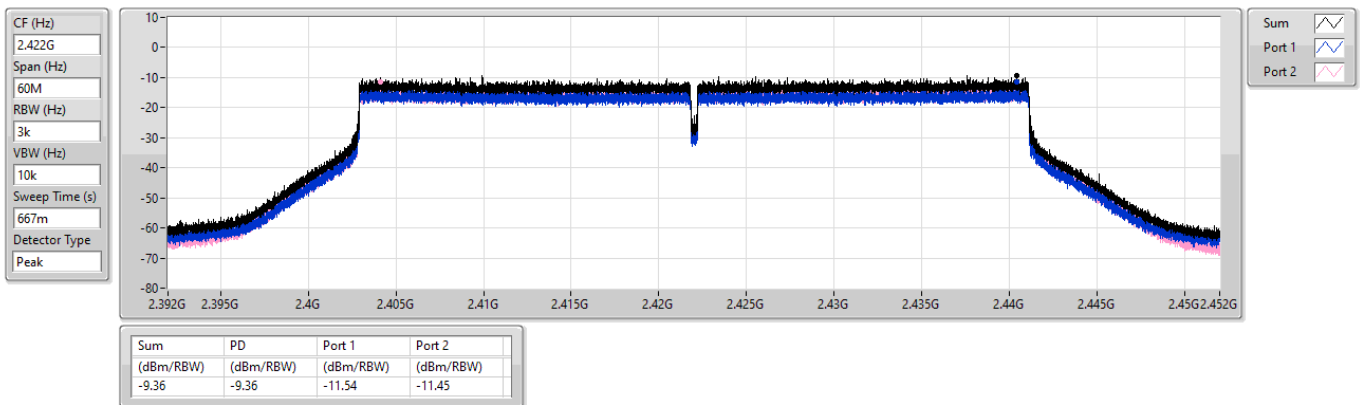
2462MHz



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

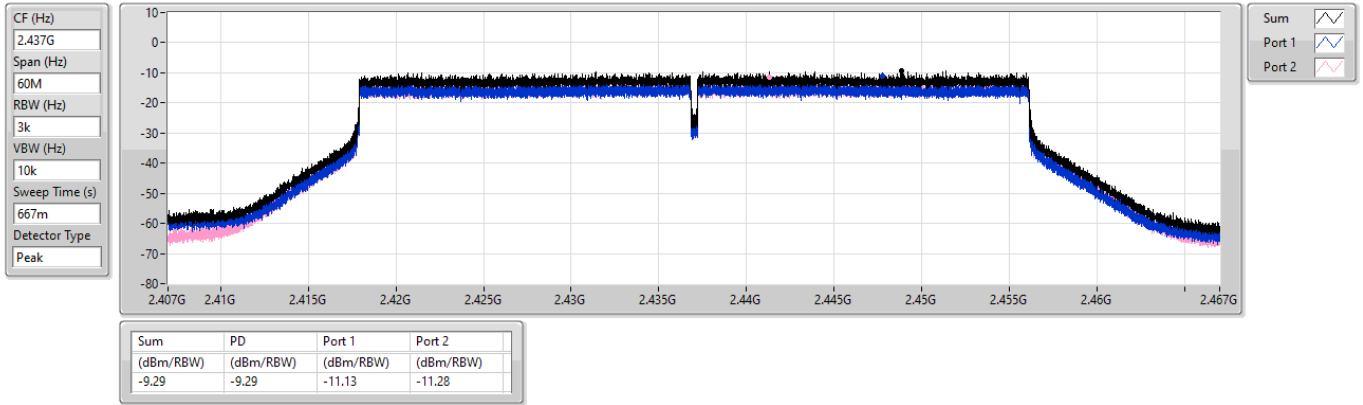




2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

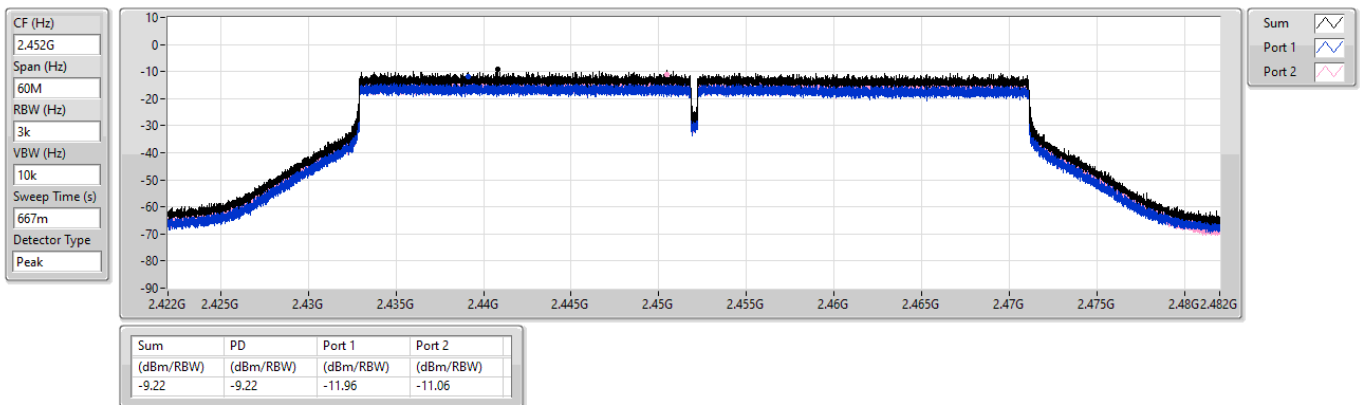
2437MHz



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz





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)	P2 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	30M	1G	PK	74.91M	8.01	-80.18	-84.25	-78.74	4.7	-66.03	-55.20	-10.83

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)	P2 (dBm)	Psum (dBm)	GRF (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	30M	1G	PK	74.91M	8.01	-80.18	-84.25	-78.74	4.7	-66.03	-55.20	-10.83

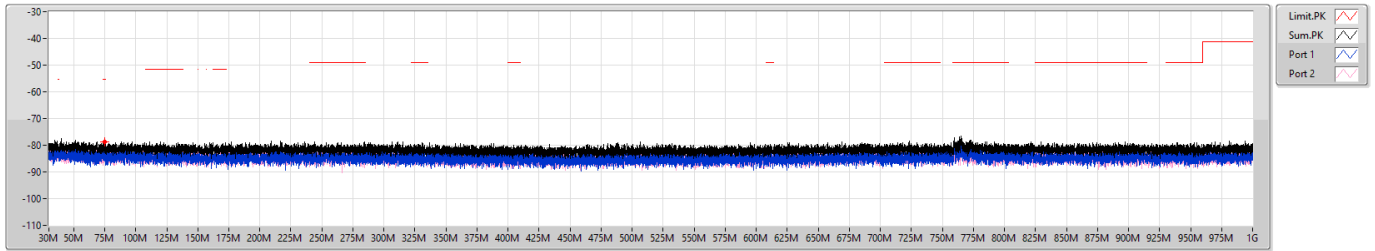
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Other [PK]

2437MHz





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)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.4835G	2.5G	PK	2.48353G	8.01	-32.8	-31.94	-29.34	-21.33	-21.2	-0.13
802.11g_Nss1,(6Mbps)_2TX	Pass	2.4835G	2.5G	AV	2.48353G	8.01	-51.23	-54.25	-49.47	-41.46	-41.2	-0.26
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.31G	2.39G	AV	2.39G	8.01	-53.86	-51.54	-49.54	-41.53	-41.2	-0.33
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.31G	2.39G	AV	2.39G	8.01	-51.38	-53.53	-49.31	-41.30	-41.2	-0.10

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)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.13	-60.04	-57.07	-49.06	-41.2	-7.86
2412MHz	Pass	2.31G	2.39G	AV	2.38984G	8.01	-60.08	-60.98	-57.5	-49.49	-41.2	-8.29
2412MHz	Pass	2.4835G	2.5G	AV	2.48357G	8.01	-60.1	-59.59	-56.83	-48.82	-41.2	-7.62
2412MHz	Pass	2.5G	3.1G	AV	2.5894G	8.01	-60.99	-61.2	-58.08	-50.07	-41.2	-8.87
2412MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.58	-50.06	-47.3	-39.29	-21.2	-18.09
2412MHz	Pass	2.31G	2.39G	PK	2.38968G	8.01	-33.31	-31.96	-29.57	-21.56	-21.2	-0.36
2412MHz	Pass	2.4835G	2.5G	PK	2.4835G	8.01	-45.53	-40.5	-39.31	-31.30	-21.2	-10.10
2412MHz	Pass	2.5G	3.1G	PK	2.5972G	8.01	-49.33	-49.82	-46.56	-38.55	-21.2	-17.35
2417MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.18	-60.23	-57.19	-49.18	-41.2	-7.98
2417MHz	Pass	2.31G	2.39G	AV	2.3896G	8.01	-60.22	-59.38	-56.77	-48.76	-41.2	-7.56
2417MHz	Pass	2.4835G	2.5G	AV	2.48442G	8.01	-59.84	-59.55	-56.68	-48.67	-41.2	-7.47
2417MHz	Pass	2.5G	3.1G	AV	2.5894G	8.01	-61.1	-60.89	-57.98	-49.97	-41.2	-8.77
2417MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.14	-50.96	-47.52	-39.51	-21.2	-18.31
2417MHz	Pass	2.31G	2.39G	PK	2.38992G	8.01	-32.72	-32.57	-29.63	-21.62	-21.2	-0.42
2417MHz	Pass	2.4835G	2.5G	PK	2.48464G	8.01	-40.82	-38.99	-36.8	-28.79	-21.2	-7.59
2417MHz	Pass	2.5G	3.1G	PK	2.5966G	8.01	-50.28	-49.82	-47.03	-39.02	-21.2	-17.82
2422MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.9	-59.99	-56.93	-48.92	-41.2	-7.72
2422MHz	Pass	2.31G	2.39G	AV	2.38872G	8.01	-59.83	-59.69	-56.75	-48.74	-41.2	-7.54
2422MHz	Pass	2.4835G	2.5G	AV	2.4838G	8.01	-59.59	-59.62	-56.59	-48.58	-41.2	-7.38
2422MHz	Pass	2.5G	3.1G	AV	2.5483G	8.01	-61.18	-60.89	-58.02	-50.01	-41.2	-8.81
2422MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.38	-51.48	-47.29	-39.28	-21.2	-18.08
2422MHz	Pass	2.31G	2.39G	PK	2.39G	8.01	-32.94	-31.85	-29.35	-21.34	-21.2	-0.14
2422MHz	Pass	2.4835G	2.5G	PK	2.48508G	8.01	-39.73	-37.5	-35.46	-27.45	-21.2	-6.25
2422MHz	Pass	2.5G	3.1G	PK	2.5225G	8.01	-51.03	-49.46	-47.16	-39.15	-21.2	-17.95
2427MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.86	-59.99	-56.91	-48.90	-41.2	-7.70
2427MHz	Pass	2.31G	2.39G	AV	2.38936G	8.01	-60.08	-59.83	-56.94	-48.93	-41.2	-7.73
2427MHz	Pass	2.4835G	2.5G	AV	2.48404G	8.01	-59.62	-59.21	-56.4	-48.39	-41.2	-7.19
2427MHz	Pass	2.5G	3.1G	AV	2.5996G	8.01	-60.7	-61.26	-57.96	-49.95	-41.2	-8.75
2427MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.38	-50.69	-47.52	-39.51	-21.2	-18.31
2427MHz	Pass	2.31G	2.39G	PK	2.39G	8.01	-33.51	-32.6	-30.02	-22.01	-21.2	-0.81

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2427MHz	Pass	2.4835G	2.5G	PK	2.48418G	8.01	-37.75	-35.46	-33.45	-25.44	-21.2	-4.24
2427MHz	Pass	2.5G	3.1G	PK	2.5507G	8.01	-49.23	-50.6	-46.85	-38.84	-21.2	-17.64
2432MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.18	-60.09	-57.12	-49.11	-41.2	-7.91
2432MHz	Pass	2.31G	2.39G	AV	2.38992G	8.01	-58.61	-59.28	-55.92	-47.91	-41.2	-6.71
2432MHz	Pass	2.4835G	2.5G	AV	2.48362G	8.01	-59.17	-58.68	-55.91	-47.90	-41.2	-6.70
2432MHz	Pass	2.5G	3.1G	AV	2.5945G	8.01	-61.05	-61.14	-58.08	-50.07	-41.2	-8.87
2432MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.22	-49.64	-46.91	-38.90	-21.2	-17.70
2432MHz	Pass	2.31G	2.39G	PK	2.38912G	8.01	-33.44	-31.61	-29.42	-21.41	-21.2	-0.21
2432MHz	Pass	2.4835G	2.5G	PK	2.48381G	8.01	-35.73	-35.08	-32.38	-24.37	-21.2	-3.17
2432MHz	Pass	2.5G	3.1G	PK	2.5051G	8.01	-50.33	-49.03	-46.62	-38.61	-21.2	-17.41
2437MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.09	-59.65	-56.85	-48.84	-41.2	-7.64
2437MHz	Pass	2.31G	2.39G	AV	2.38992G	8.01	-58.82	-59.1	-55.95	-47.94	-41.2	-6.74
2437MHz	Pass	2.4835G	2.5G	AV	2.4835G	8.01	-59.11	-58.66	-55.87	-47.86	-41.2	-6.66
2437MHz	Pass	2.5G	3.1G	AV	2.5921G	8.01	-61.11	-61.11	-58.1	-50.09	-41.2	-8.89
2437MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.81	-50.52	-47.65	-39.64	-21.2	-18.44
2437MHz	Pass	2.31G	2.39G	PK	2.38888G	8.01	-33.56	-31.56	-29.44	-21.43	-21.2	-0.23
2437MHz	Pass	2.4835G	2.5G	PK	2.48353G	8.01	-35.77	-34.44	-32.04	-24.03	-21.2	-2.83
2437MHz	Pass	2.5G	3.1G	PK	2.584G	8.01	-49.85	-50.07	-46.95	-38.94	-21.2	-17.74
2442MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.95	-60.04	-56.98	-48.97	-41.2	-7.77
2442MHz	Pass	2.31G	2.39G	AV	2.38944G	8.01	-58.67	-59.12	-55.88	-47.87	-41.2	-6.67
2442MHz	Pass	2.4835G	2.5G	AV	2.48352G	8.01	-58.62	-58.56	-55.58	-47.57	-41.2	-6.37
2442MHz	Pass	2.5G	3.1G	AV	2.5837G	8.01	-60.91	-61.16	-58.02	-50.01	-41.2	-8.81
2442MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.4	-49.74	-47.05	-39.04	-21.2	-17.84
2442MHz	Pass	2.31G	2.39G	PK	2.38976G	8.01	-33.42	-32.25	-29.79	-21.78	-21.2	-0.58
2442MHz	Pass	2.4835G	2.5G	PK	2.4835G	8.01	-34.15	-32.41	-30.18	-22.17	-21.2	-0.97
2442MHz	Pass	2.5G	3.1G	PK	2.5816G	8.01	-49.04	-52.54	-47.44	-39.43	-21.2	-18.23
2447MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.16	-59.93	-57.03	-49.02	-41.2	-7.82
2447MHz	Pass	2.31G	2.39G	AV	2.38912G	8.01	-59.74	-58.91	-56.29	-48.28	-41.2	-7.08
2447MHz	Pass	2.4835G	2.5G	AV	2.4836G	8.01	-59.53	-58.19	-55.8	-47.79	-41.2	-6.59
2447MHz	Pass	2.5G	3.1G	AV	2.5579G	8.01	-60.97	-61.01	-57.98	-49.97	-41.2	-8.77
2447MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.39	-49.77	-47.06	-39.05	-21.2	-17.85
2447MHz	Pass	2.31G	2.39G	PK	2.3892G	8.01	-35.86	-34.55	-32.15	-24.14	-21.2	-2.94
2447MHz	Pass	2.4835G	2.5G	PK	2.4835G	8.01	-33.08	-32.6	-29.82	-21.81	-21.2	-0.61
2447MHz	Pass	2.5G	3.1G	PK	2.5855G	8.01	-49.25	-51.52	-47.23	-39.22	-21.2	-18.02
2452MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.11	-60.07	-57.08	-49.07	-41.2	-7.87
2452MHz	Pass	2.31G	2.39G	AV	2.38992G	8.01	-60.1	-59.84	-56.96	-48.95	-41.2	-7.75
2452MHz	Pass	2.4835G	2.5G	AV	2.48388G	8.01	-59.22	-59.32	-56.26	-48.25	-41.2	-7.05
2452MHz	Pass	2.5G	3.1G	AV	2.5939G	8.01	-61.2	-60.82	-58	-49.99	-41.2	-8.79
2452MHz	Pass	1G	2.31G	PK	2.31G	8.01	-48.92	-50.98	-46.82	-38.81	-21.2	-17.61
2452MHz	Pass	2.31G	2.39G	PK	2.38936G	8.01	-37.79	-36.68	-34.19	-26.18	-21.2	-4.98
2452MHz	Pass	2.4835G	2.5G	PK	2.48367G	8.01	-33.39	-32.64	-29.99	-21.98	-21.2	-0.78
2452MHz	Pass	2.5G	3.1G	PK	2.5567G	8.01	-49.14	-51.18	-47.03	-39.02	-21.2	-17.82



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)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2457MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.88	-59.71	-56.78	-48.77	-41.2	-7.57
2457MHz	Pass	2.31G	2.39G	AV	2.38912G	8.01	-59.95	-60.5	-57.21	-49.20	-41.2	-8.00
2457MHz	Pass	2.4835G	2.5G	AV	2.48365G	8.01	-59.49	-58.78	-56.11	-48.10	-41.2	-6.90
2457MHz	Pass	2.5G	3.1G	AV	2.5846G	8.01	-60.96	-61.22	-58.08	-50.07	-41.2	-8.87
2457MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.54	-49.19	-46.35	-38.34	-21.2	-17.14
2457MHz	Pass	2.31G	2.39G	PK	2.38848G	8.01	-38.53	-38.97	-35.73	-27.72	-21.2	-6.52
2457MHz	Pass	2.4835G	2.5G	PK	2.48352G	8.01	-32.88	-32.95	-29.9	-21.89	-21.2	-0.69
2457MHz	Pass	2.5G	3.1G	PK	2.551G	8.01	-50.91	-41.78	-41.28	-33.27	-21.2	-12.07
2462MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.13	-60.27	-57.19	-49.18	-41.2	-7.98
2462MHz	Pass	2.31G	2.39G	AV	2.39G	8.01	-59.94	-60.82	-57.35	-49.34	-41.2	-8.14
2462MHz	Pass	2.4835G	2.5G	AV	2.48365G	8.01	-59.73	-59.11	-56.4	-48.39	-41.2	-7.19
2462MHz	Pass	2.5G	3.1G	AV	2.5954G	8.01	-61.22	-61.01	-58.1	-50.09	-41.2	-8.89
2462MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.06	-50.92	-47.46	-39.45	-21.2	-18.25
2462MHz	Pass	2.31G	2.39G	PK	2.38912G	8.01	-40.19	-41.16	-37.64	-29.63	-21.2	-8.43
2462MHz	Pass	2.4835G	2.5G	PK	2.48353G	8.01	-32.8	-31.94	-29.34	-21.33	-21.2	-0.13
2462MHz	Pass	2.5G	3.1G	PK	2.5972G	8.01	-50.05	-50.19	-47.11	-39.10	-21.2	-17.90
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60	-59.96	-56.97	-48.96	-41.2	-7.76
2412MHz	Pass	2.31G	2.39G	AV	2.38992G	8.01	-53.61	-52.06	-49.76	-41.75	-41.2	-0.55
2412MHz	Pass	2.4835G	2.5G	AV	2.48357G	8.01	-59.08	-58.53	-55.79	-47.78	-41.2	-6.58
2412MHz	Pass	2.5G	3.1G	AV	2.5984G	8.01	-61.22	-61.05	-58.12	-50.11	-41.2	-8.91
2412MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.49	-49.24	-46.81	-38.80	-21.2	-17.60
2412MHz	Pass	2.31G	2.39G	PK	2.39G	8.01	-41.37	-40.09	-37.67	-29.66	-21.2	-8.46
2412MHz	Pass	2.4835G	2.5G	PK	2.48358G	8.01	-47.42	-48.25	-44.8	-36.79	-21.2	-15.59
2412MHz	Pass	2.5G	3.1G	PK	2.5705G	8.01	-48.71	-49.91	-46.26	-38.25	-21.2	-17.05
2437MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.23	-60.23	-57.22	-49.21	-41.2	-8.01
2437MHz	Pass	2.31G	2.39G	AV	2.38968G	8.01	-57.59	-57.4	-54.48	-46.47	-41.2	-5.27
2437MHz	Pass	2.4835G	2.5G	AV	2.48363G	8.01	-58.17	-58.05	-55.1	-47.09	-41.2	-5.89
2437MHz	Pass	2.5G	3.1G	AV	2.5891G	8.01	-61.07	-61.03	-58.04	-50.03	-41.2	-8.83
2437MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.17	-48.56	-46.28	-38.27	-21.2	-17.07
2437MHz	Pass	2.31G	2.39G	PK	2.38992G	8.01	-45.56	-46.32	-42.91	-34.90	-21.2	-13.70
2437MHz	Pass	2.4835G	2.5G	PK	2.4835G	8.01	-46.13	-48.24	-44.05	-36.04	-21.2	-14.84
2437MHz	Pass	2.5G	3.1G	PK	2.5225G	8.01	-49.48	-50.33	-46.87	-38.86	-21.2	-17.66
2462MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.18	-60.09	-57.12	-49.11	-41.2	-7.91
2462MHz	Pass	2.31G	2.39G	AV	2.38968G	8.01	-57.97	-57.97	-54.96	-46.95	-41.2	-5.75
2462MHz	Pass	2.4835G	2.5G	AV	2.48353G	8.01	-51.23	-54.25	-49.47	-41.46	-41.2	-0.26
2462MHz	Pass	2.5G	3.1G	AV	2.5576G	8.01	-60.94	-61.02	-57.97	-49.96	-41.2	-8.76
2462MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.41	-50.04	-46.7	-38.69	-21.2	-17.49
2462MHz	Pass	2.31G	2.39G	PK	2.38896G	8.01	-47.8	-46.7	-44.2	-36.19	-21.2	-14.99
2462MHz	Pass	2.4835G	2.5G	PK	2.48357G	8.01	-35.9	-42.54	-35.05	-27.04	-21.2	-5.84
2462MHz	Pass	2.5G	3.1G	PK	2.5696G	8.01	-50.9	-48.88	-46.76	-38.75	-21.2	-17.55
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2412MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.87	-59.91	-56.88	-48.87	-41.2	-7.67
2412MHz	Pass	2.31G	2.39G	AV	2.39G	8.01	-53.86	-51.54	-49.54	-41.53	-41.2	-0.33
2412MHz	Pass	2.4835G	2.5G	AV	2.48352G	8.01	-58.97	-58.58	-55.76	-47.75	-41.2	-6.55
2412MHz	Pass	2.5G	3.1G	AV	2.5774G	8.01	-60.86	-61.02	-57.93	-49.92	-41.2	-8.72
2412MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.86	-50.03	-46.93	-38.92	-21.2	-17.72
2412MHz	Pass	2.31G	2.39G	PK	2.38736G	8.01	-43.89	-38.93	-37.73	-29.72	-21.2	-8.52
2412MHz	Pass	2.4835G	2.5G	PK	2.48383G	8.01	-48.99	-46.89	-44.8	-36.79	-21.2	-15.59
2412MHz	Pass	2.5G	3.1G	PK	2.5828G	8.01	-50.29	-49.24	-46.72	-38.71	-21.2	-17.51
2417MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.9	-59.81	-56.84	-48.83	-41.2	-7.63
2417MHz	Pass	2.31G	2.39G	AV	2.39G	8.01	-53.81	-53.34	-50.56	-42.55	-41.2	-1.35
2417MHz	Pass	2.4835G	2.5G	AV	2.48358G	8.01	-58.5	-58.43	-55.45	-47.44	-41.2	-6.24
2417MHz	Pass	2.5G	3.1G	AV	2.5072G	8.01	-61.07	-61.07	-58.06	-50.05	-41.2	-8.85
2417MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.32	-50.82	-47	-38.99	-21.2	-17.79
2417MHz	Pass	2.31G	2.39G	PK	2.38992G	8.01	-40.62	-41.31	-37.94	-29.93	-21.2	-8.73
2417MHz	Pass	2.4835G	2.5G	PK	2.48368G	8.01	-48.86	-46.55	-44.54	-36.53	-21.2	-15.33
2417MHz	Pass	2.5G	3.1G	PK	2.5564G	8.01	-50.93	-49.1	-46.91	-38.90	-21.2	-17.70
2437MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.91	-59.91	-56.9	-48.89	-41.2	-7.69
2437MHz	Pass	2.31G	2.39G	AV	2.38944G	8.01	-57.75	-57.46	-54.59	-46.58	-41.2	-5.38
2437MHz	Pass	2.4835G	2.5G	AV	2.48358G	8.01	-58.26	-57.93	-55.08	-47.07	-41.2	-5.87
2437MHz	Pass	2.5G	3.1G	AV	2.5606G	8.01	-61.09	-61.09	-58.08	-50.07	-41.2	-8.87
2437MHz	Pass	1G	2.31G	PK	2.31G	8.01	-50.46	-49.55	-46.97	-38.96	-21.2	-17.76
2437MHz	Pass	2.31G	2.39G	PK	2.38896G	8.01	-46.07	-46.31	-43.18	-35.17	-21.2	-13.97
2437MHz	Pass	2.4835G	2.5G	PK	2.48423G	8.01	-46.51	-47.01	-43.74	-35.73	-21.2	-14.53
2437MHz	Pass	2.5G	3.1G	PK	2.5306G	8.01	-49.81	-50.48	-47.12	-39.11	-21.2	-17.91
2457MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.81	-60.18	-56.98	-48.97	-41.2	-7.77
2457MHz	Pass	2.31G	2.39G	AV	2.38872G	8.01	-57.82	-58.07	-54.93	-46.92	-41.2	-5.72
2457MHz	Pass	2.4835G	2.5G	AV	2.4835G	8.01	-53.32	-55.45	-51.25	-43.24	-41.2	-2.04
2457MHz	Pass	2.5G	3.1G	AV	2.5801G	8.01	-60.95	-61.12	-58.02	-50.01	-41.2	-8.81
2457MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.22	-50.55	-46.82	-38.81	-21.2	-17.61
2457MHz	Pass	2.31G	2.39G	PK	2.38896G	8.01	-46.39	-46.97	-43.66	-35.65	-21.2	-14.45
2457MHz	Pass	2.4835G	2.5G	PK	2.48371G	8.01	-33.84	-44.42	-33.48	-25.47	-21.2	-4.27
2457MHz	Pass	2.5G	3.1G	PK	2.5168G	8.01	-48.43	-51.2	-46.59	-38.58	-21.2	-17.38
2462MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.91	-59.82	-56.85	-48.84	-41.2	-7.64
2462MHz	Pass	2.31G	2.39G	AV	2.3892G	8.01	-57.97	-58.44	-55.19	-47.18	-41.2	-5.98
2462MHz	Pass	2.4835G	2.5G	AV	2.4835G	8.01	-50.94	-55.16	-49.55	-41.54	-41.2	-0.34
2462MHz	Pass	2.5G	3.1G	AV	2.5627G	8.01	-61.02	-61.02	-58.01	-50.00	-41.2	-8.80
2462MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.24	-50.07	-46.62	-38.61	-21.2	-17.41
2462MHz	Pass	2.31G	2.39G	PK	2.38824G	8.01	-47.12	-47.62	-44.35	-36.34	-21.2	-15.14
2462MHz	Pass	2.4835G	2.5G	PK	2.48385G	8.01	-35.37	-42.51	-34.6	-26.59	-21.2	-5.39
2462MHz	Pass	2.5G	3.1G	PK	2.5585G	8.01	-50.02	-49.2	-46.58	-38.57	-21.2	-17.37
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	1G	2.31G	AV	2.31G	8.01	-59.91	-60.09	-56.99	-48.98	-41.2	-7.78



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)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2422MHz	Pass	2.31G	2.39G	AV	2.39G	8.01	-51.38	-53.53	-49.31	-41.30	-41.2	-0.10
2422MHz	Pass	2.4835G	2.5G	AV	2.48365G	8.01	-58.42	-58.11	-55.25	-47.24	-41.2	-6.04
2422MHz	Pass	2.5G	3.1G	AV	2.5747G	8.01	-61.08	-60.75	-57.9	-49.89	-41.2	-8.69
2422MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.76	-49.76	-46.75	-38.74	-21.2	-17.54
2422MHz	Pass	2.31G	2.39G	PK	2.38936G	8.01	-40.51	-41.07	-37.77	-29.76	-21.2	-8.56
2422MHz	Pass	2.4835G	2.5G	PK	2.48401G	8.01	-47.03	-47.24	-44.12	-36.11	-21.2	-14.91
2422MHz	Pass	2.5G	3.1G	PK	2.5678G	8.01	-47.78	-51.67	-46.29	-38.28	-21.2	-17.08
2437MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.05	-59.96	-56.99	-48.98	-41.2	-7.78
2437MHz	Pass	2.31G	2.39G	AV	2.38984G	8.01	-52.32	-55.13	-50.49	-42.48	-41.2	-1.28
2437MHz	Pass	2.4835G	2.5G	AV	2.48363G	8.01	-56.47	-56.77	-53.61	-45.60	-41.2	-4.40
2437MHz	Pass	2.5G	3.1G	AV	2.5939G	8.01	-61.28	-60.93	-58.09	-50.08	-41.2	-8.88
2437MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.6	-51.01	-47.24	-39.23	-21.2	-18.03
2437MHz	Pass	2.31G	2.39G	PK	2.38976G	8.01	-39.28	-44.75	-38.2	-30.19	-21.2	-8.99
2437MHz	Pass	2.4835G	2.5G	PK	2.48403G	8.01	-45.49	-45.49	-42.48	-34.47	-21.2	-13.27
2437MHz	Pass	2.5G	3.1G	PK	2.5159G	8.01	-50.04	-49.14	-46.56	-38.55	-21.2	-17.35
2452MHz	Pass	1G	2.31G	AV	2.31G	8.01	-60.13	-60.13	-57.12	-49.11	-41.2	-7.91
2452MHz	Pass	2.31G	2.39G	AV	2.38944G	8.01	-58.09	-57.67	-54.86	-46.85	-41.2	-5.65
2452MHz	Pass	2.4835G	2.5G	AV	2.48358G	8.01	-51.41	-54.72	-49.75	-41.74	-41.2	-0.54
2452MHz	Pass	2.5G	3.1G	AV	2.5741G	8.01	-60.87	-61	-57.92	-49.91	-41.2	-8.71
2452MHz	Pass	1G	2.31G	PK	2.31G	8.01	-49.78	-49.56	-46.66	-38.65	-21.2	-17.45
2452MHz	Pass	2.31G	2.39G	PK	2.38832G	8.01	-46.34	-48.04	-44.1	-36.09	-21.2	-14.89
2452MHz	Pass	2.4835G	2.5G	PK	2.4848G	8.01	-39.28	-44.16	-38.06	-30.05	-21.2	-8.85
2452MHz	Pass	2.5G	3.1G	PK	2.5513G	8.01	-50.38	-48.43	-46.29	-38.28	-21.2	-17.08

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



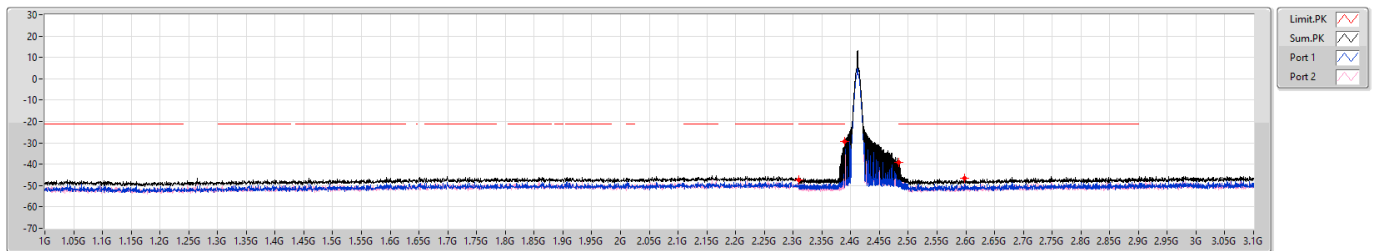
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

2412MHz

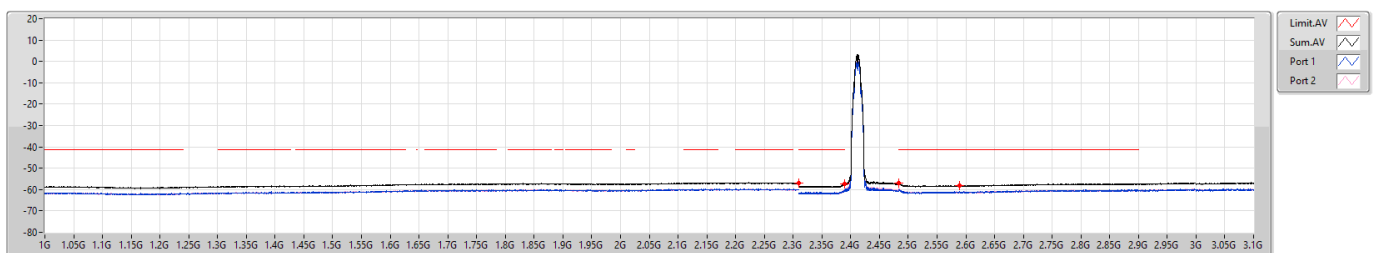


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-47.30	-50.58	-50.06
2.31G	2.39G	1M	PK	2.38968G	-29.57	-33.31	-31.96
2.4835G	2.5G	1M	PK	2.4835G	-39.31	-45.53	-40.50
2.5G	3.1G	1M	PK	2.5972G	-46.56	-49.33	-49.82

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-57.07	-60.13	-60.04
2.31G	2.39G	1M	AV	2.38964G	-57.50	-60.08	-60.98
2.4835G	2.5G	1M	AV	2.48357G	-56.83	-60.10	-59.59
2.5G	3.1G	1M	AV	2.5894G	-58.08	-60.99	-61.20



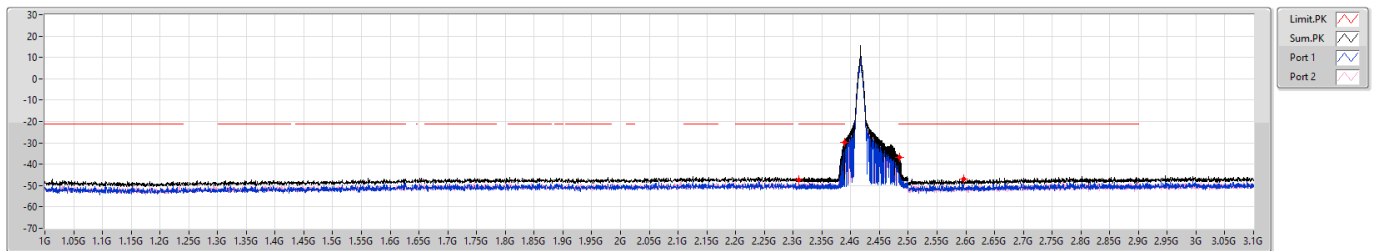
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

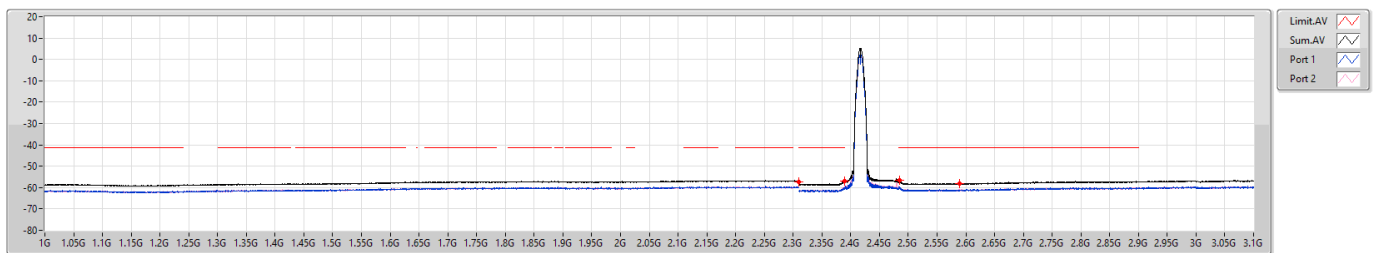
2417MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2417MHz





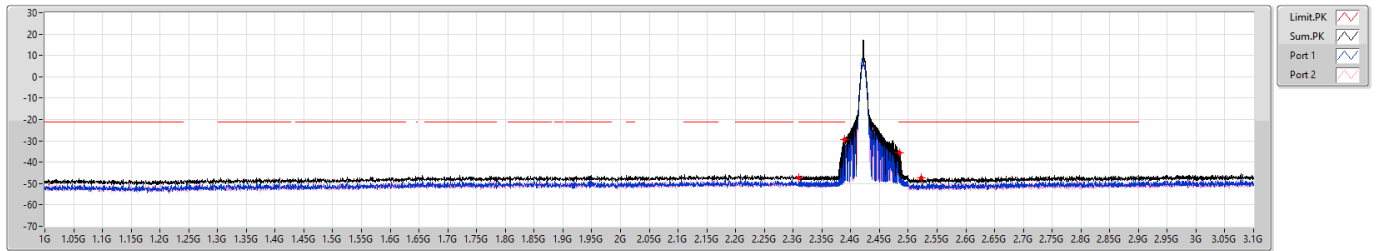
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

2422MHz

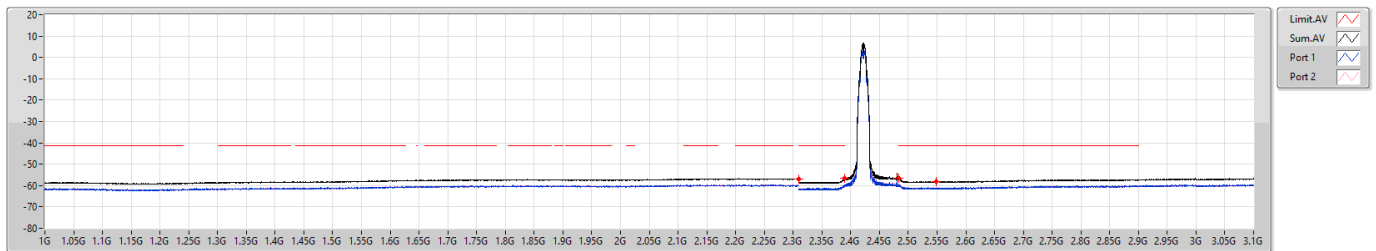


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-47.29	-49.38	-51.48
2.31G	2.39G	1M	PK	2.39G	-29.35	-32.94	-31.85
2.4835G	2.5G	1M	PK	2.48508G	-35.46	-39.73	-37.50
2.5G	3.1G	1M	PK	2.5225G	-47.16	-51.03	-49.46

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2422MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.93	-59.90	-59.99
2.31G	2.39G	1M	AV	2.38872G	-56.75	-59.83	-59.69
2.4835G	2.5G	1M	AV	2.4838G	-56.59	-59.59	-59.62
2.5G	3.1G	1M	AV	2.5483G	-58.02	-61.18	-60.89



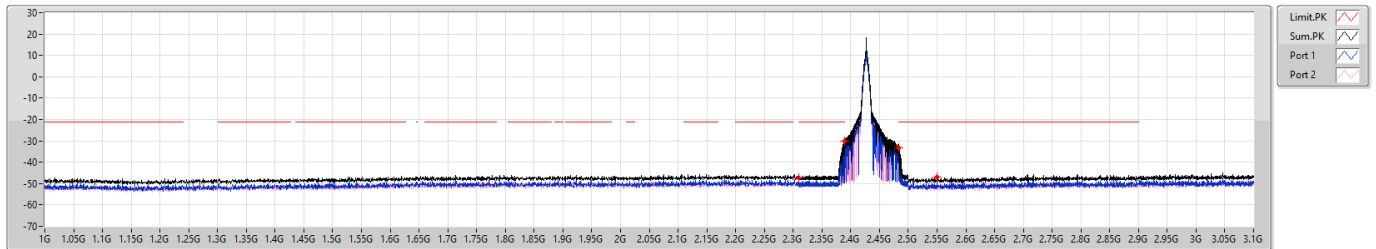
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

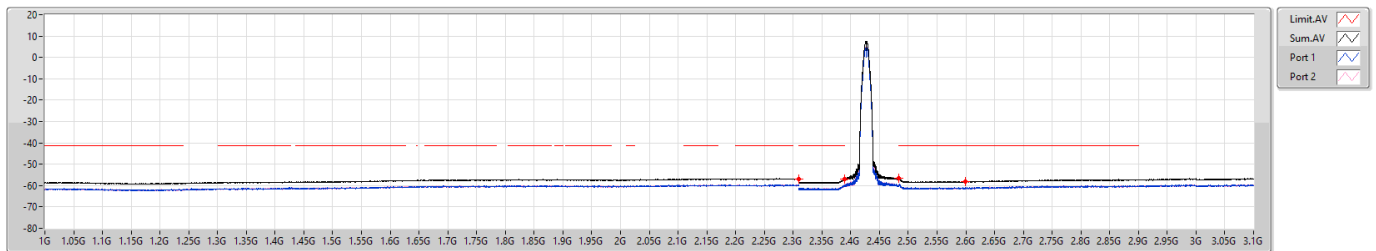
2427MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2427MHz





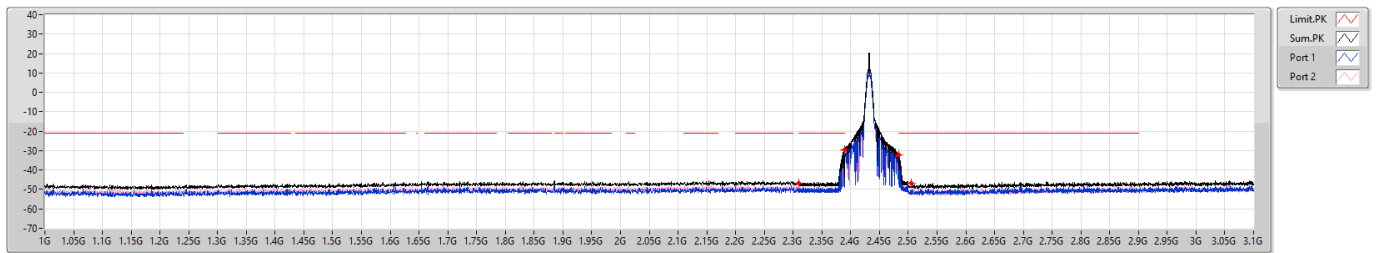
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

2432MHz

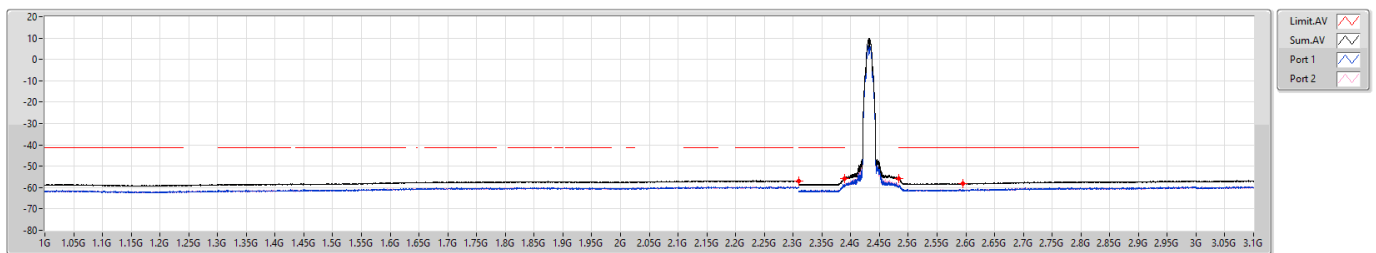


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-46.91	-50.22	-49.64
2.31G	2.39G	1M	PK	2.38912G	-29.42	-33.44	-31.61
2.4835G	2.5G	1M	PK	2.48381G	-32.38	-35.73	-35.08
2.5G	3.1G	1M	PK	2.5051G	-46.62	-50.33	-49.03

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2432MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-57.12	-60.18	-60.09
2.31G	2.39G	1M	AV	2.38992G	-55.92	-58.61	-59.28
2.4835G	2.5G	1M	AV	2.48362G	-55.91	-59.17	-58.68
2.5G	3.1G	1M	AV	2.5945G	-58.08	-61.05	-61.14



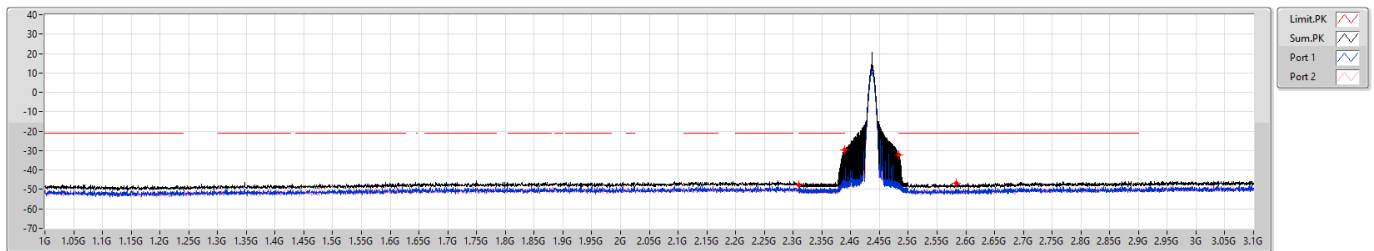
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

2437MHz

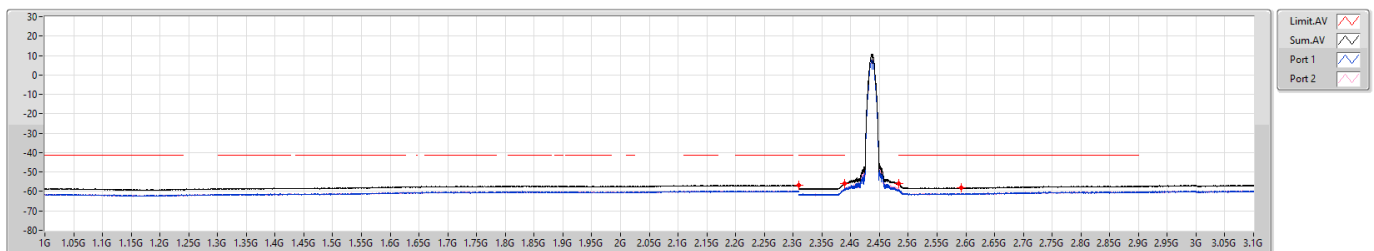


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-47.65	-50.81	-50.52
2.31G	2.39G	1M	PK	2.38888G	-29.44	-33.56	-31.56
2.4835G	2.5G	1M	PK	2.48353G	-32.04	-35.77	-34.44
2.5G	3.1G	1M	PK	2.584G	-46.95	-49.85	-50.07

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.85	-60.09	-59.65
2.31G	2.39G	1M	AV	2.38992G	-55.95	-58.82	-59.10
2.4835G	2.5G	1M	AV	2.4835G	-55.87	-59.11	-58.66
2.5G	3.1G	1M	AV	2.5921G	-58.10	-61.11	-61.11



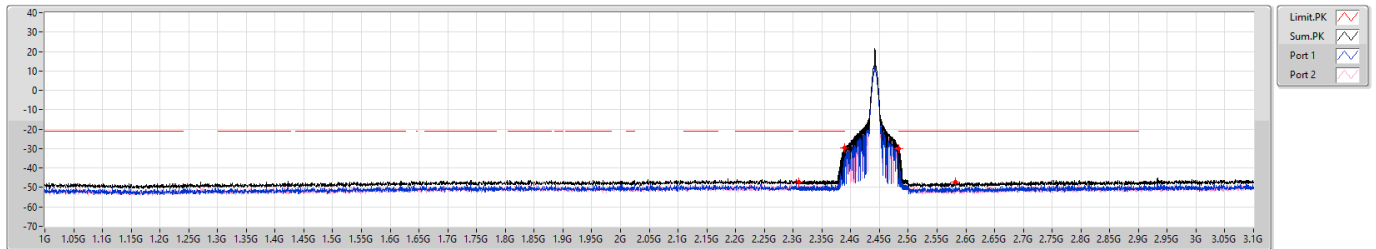
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

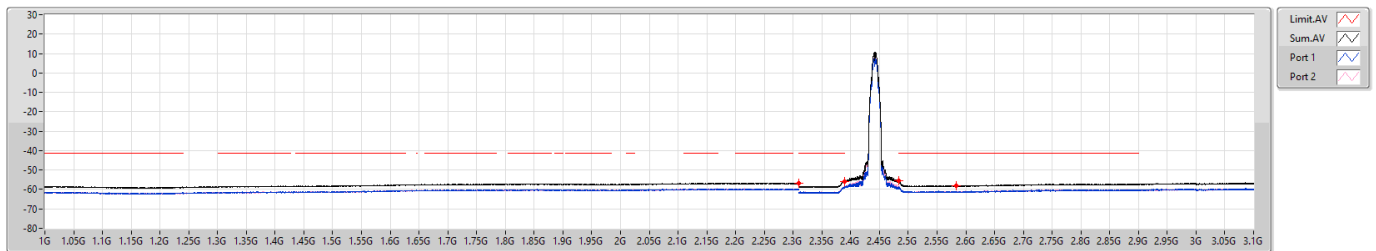
2442MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2442MHz





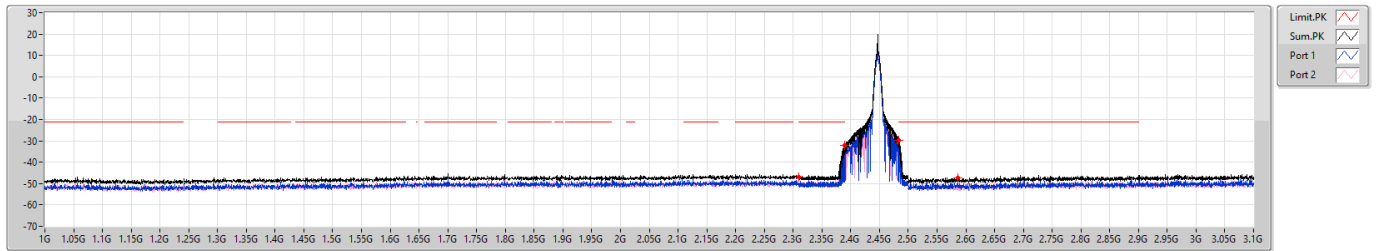
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

2447MHz

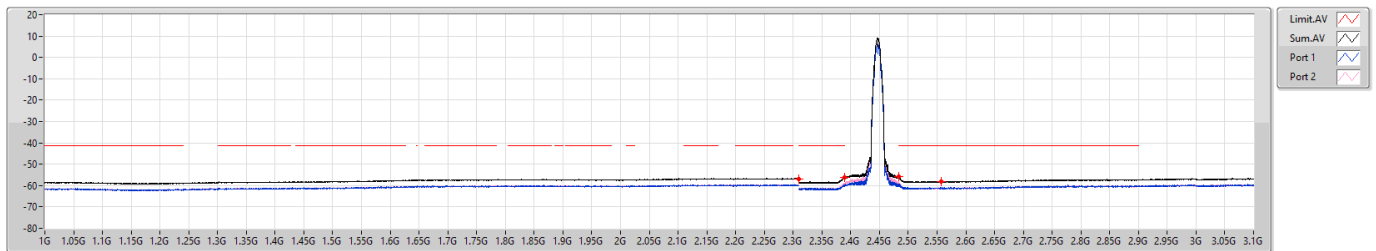


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-47.06	-50.39	-49.77
2.31G	2.39G	1M	PK	2.3892G	-32.15	-35.86	-34.55
2.4835G	2.5G	1M	PK	2.4835G	-29.82	-33.08	-32.60
2.5G	3.1G	1M	PK	2.5855G	-47.23	-49.25	-51.52

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2447MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-57.03	-60.16	-59.93
2.31G	2.39G	1M	AV	2.38912G	-56.29	-59.74	-58.91
2.4835G	2.5G	1M	AV	2.4836G	-55.80	-59.53	-58.19
2.5G	3.1G	1M	AV	2.5579G	-57.98	-60.97	-61.01



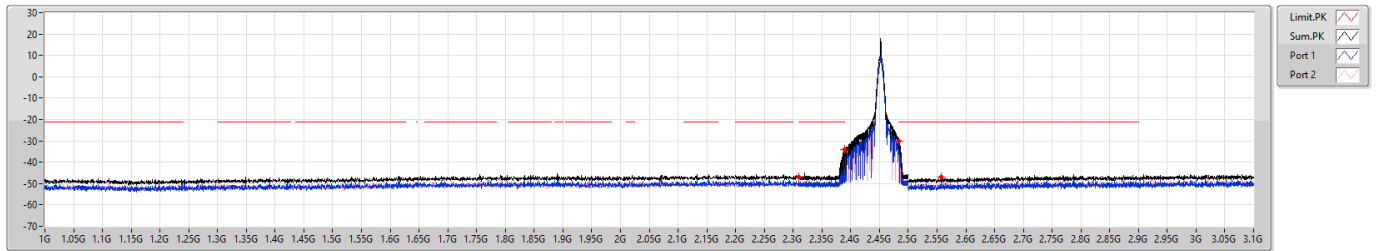
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

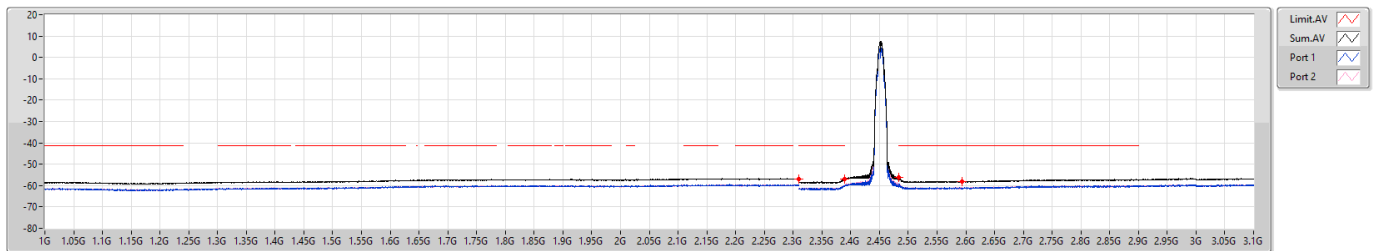
2452MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2452MHz





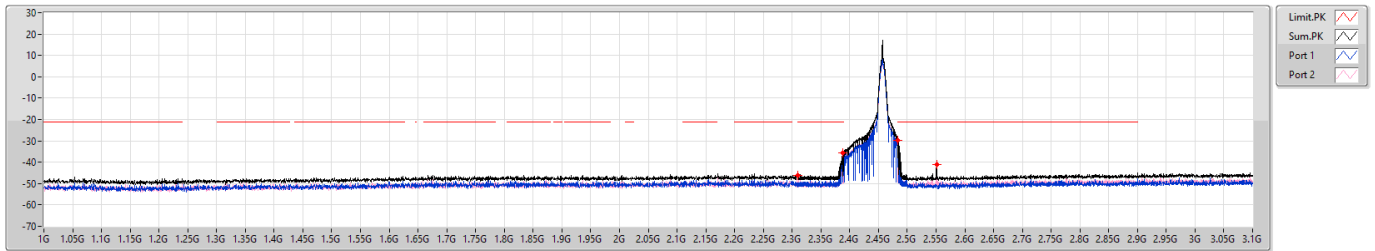
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

2457MHz

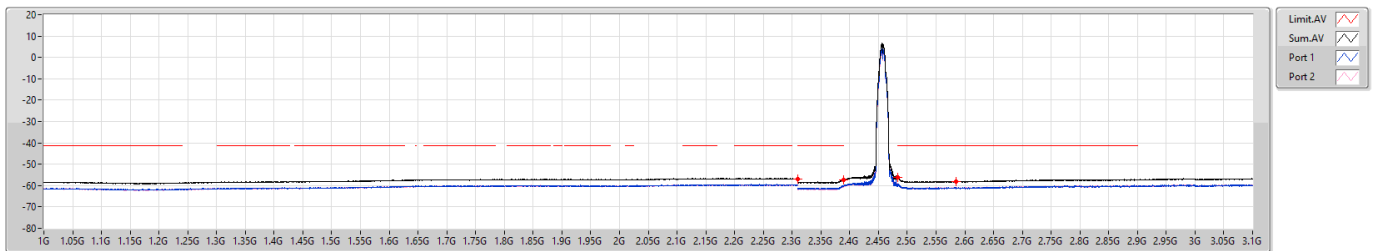


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-46.35	-49.54	-49.19
2.31G	2.39G	1M	PK	2.38848G	-35.73	-38.53	-38.97
2.4835G	2.5G	1M	PK	2.48352G	-29.90	-32.88	-32.95
2.5G	3.1G	1M	PK	2.551G	-41.28	-50.91	-41.78

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2457MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.78	-59.88	-59.71
2.31G	2.39G	1M	AV	2.38912G	-57.21	-59.95	-60.50
2.4835G	2.5G	1M	AV	2.48365G	-56.11	-59.49	-58.78
2.5G	3.1G	1M	AV	2.5846G	-58.08	-60.96	-61.22



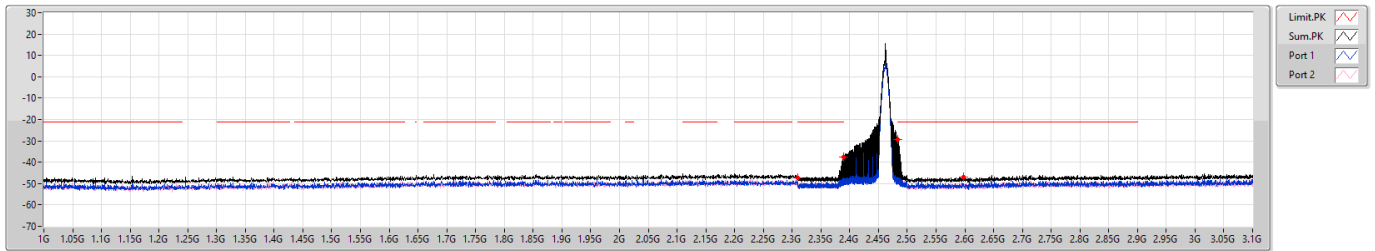
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [PK]

2462MHz

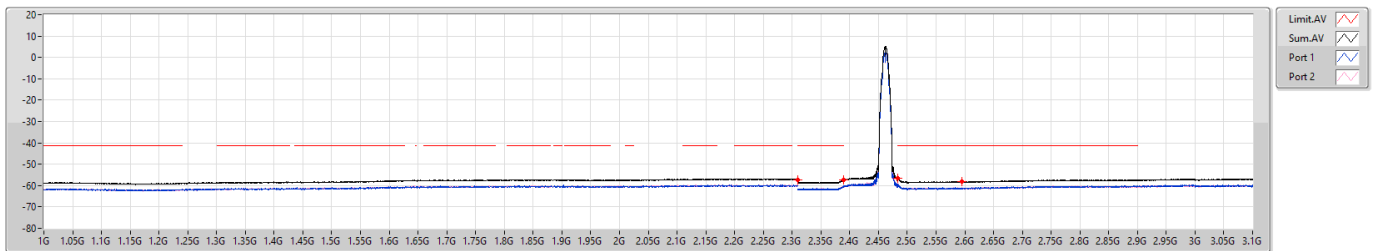


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-47.46	-50.06	-50.92
2.31G	2.39G	1M	PK	2.38912G	-37.64	-40.19	-41.16
2.4835G	2.5G	1M	PK	2.48353G	-29.34	-32.80	-31.94
2.5G	3.1G	1M	PK	2.5972G	-47.11	-50.05	-50.19

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE Bandedge [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-57.19	-60.13	-60.27
2.31G	2.39G	1M	AV	2.39G	-57.35	-59.94	-60.82
2.4835G	2.5G	1M	AV	2.48365G	-56.40	-59.73	-59.11
2.5G	3.1G	1M	AV	2.5954G	-58.10	-61.22	-61.01



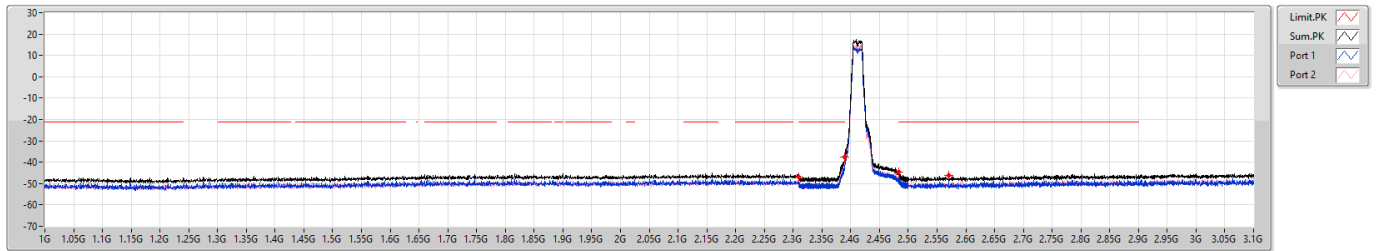
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

2412MHz

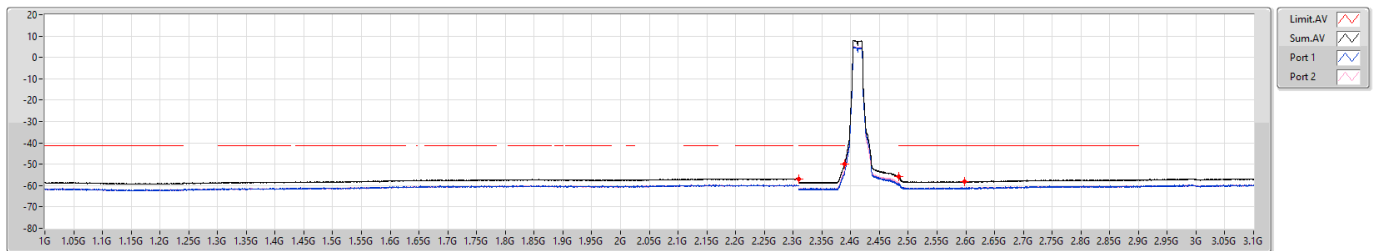


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-46.81	-50.49	-49.24
2.31G	2.39G	1M	PK	2.39G	-37.67	-41.37	-40.09
2.4835G	2.5G	1M	PK	2.4835G	-44.80	-47.42	-48.25
2.5G	3.1G	1M	PK	2.5705G	-46.26	-48.71	-49.91

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.97	-60.00	-59.96
2.31G	2.39G	1M	AV	2.38992G	-49.76	-53.61	-52.06
2.4835G	2.5G	1M	AV	2.48357G	-55.79	-59.08	-58.53
2.5G	3.1G	1M	AV	2.5894G	-58.12	-61.22	-61.05



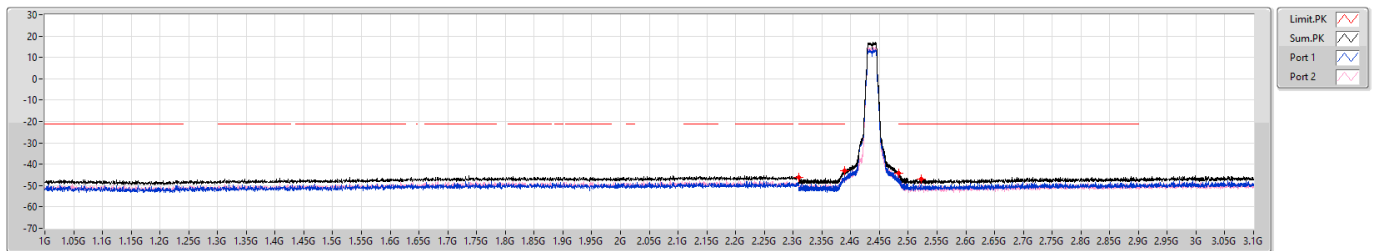
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

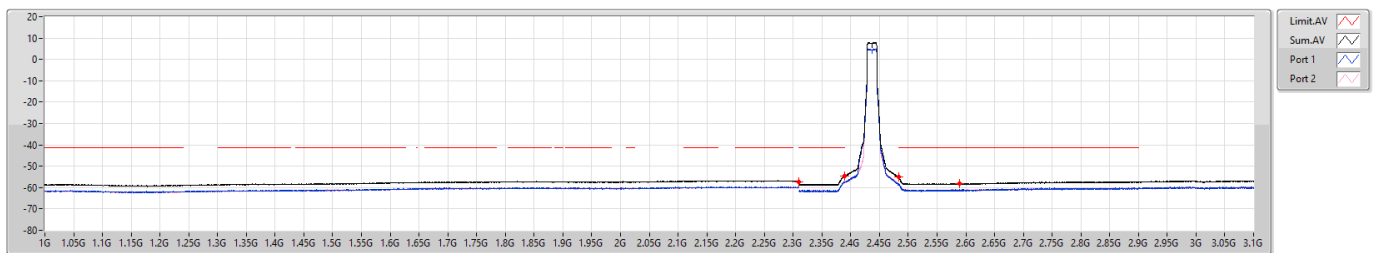
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

2437MHz





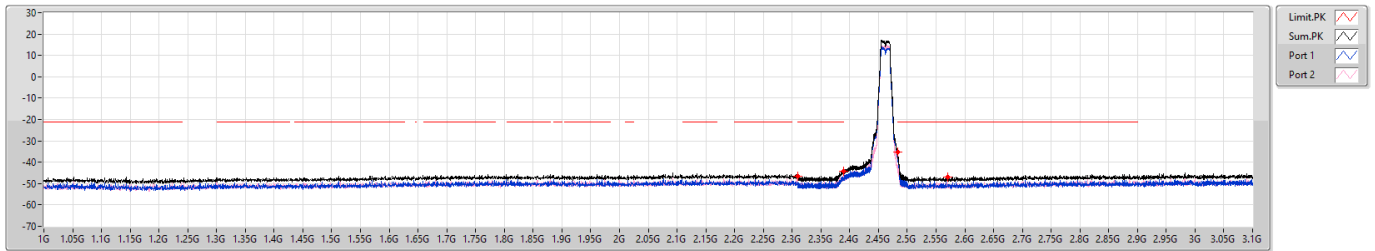
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE Bandedge [PK]

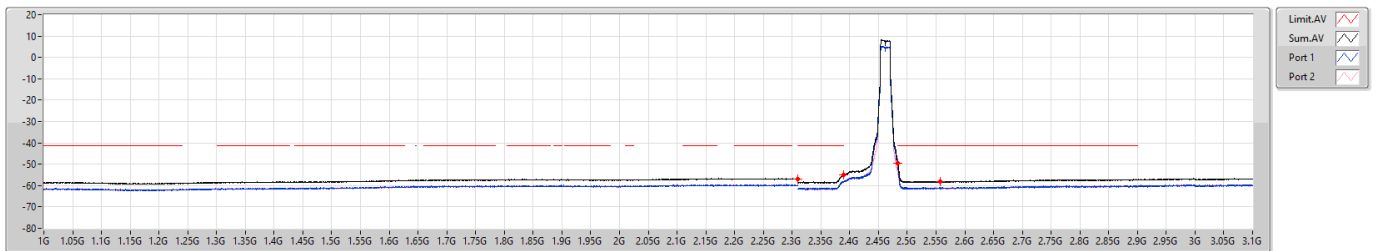
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE Bandedge [AV]

2462MHz





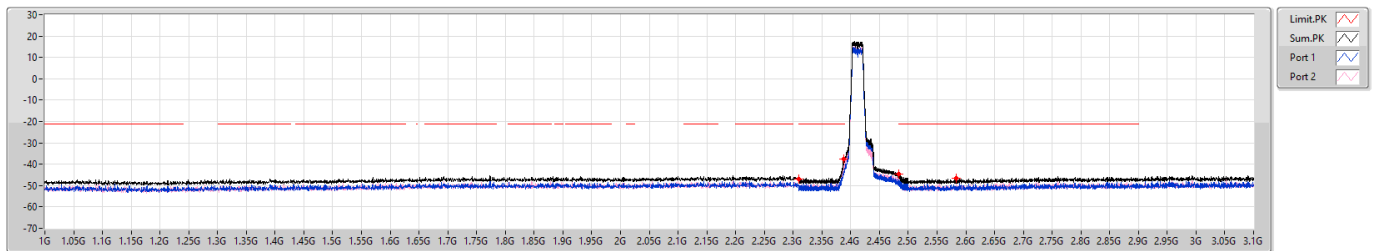
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

2412MHz

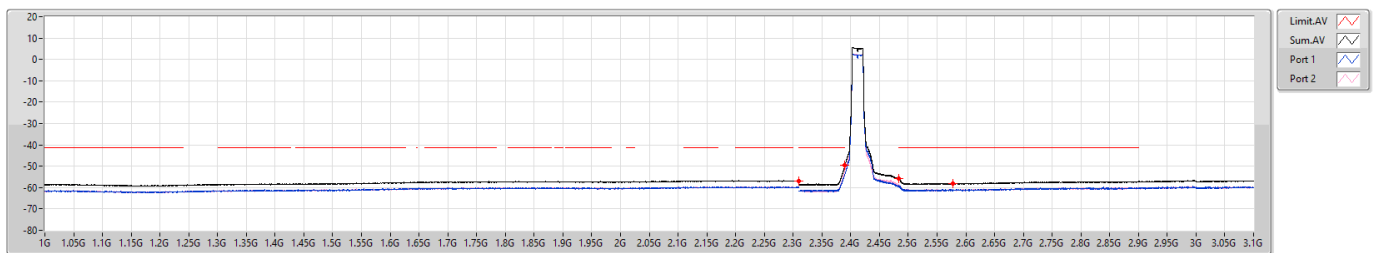


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-46.93	-49.86	-50.03
2.31G	2.39G	1M	PK	2.38736G	-37.73	-43.89	-38.93
2.4835G	2.5G	1M	PK	2.48383G	-44.80	-48.99	-46.89
2.5G	3.1G	1M	PK	2.5828G	-46.72	-50.29	-49.24

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

2412MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.88	-59.87	-59.91
2.31G	2.39G	1M	AV	2.39G	-49.54	-53.86	-51.54
2.4835G	2.5G	1M	AV	2.48352G	-55.76	-58.97	-58.58
2.5G	3.1G	1M	AV	2.5774G	-57.93	-60.86	-61.02



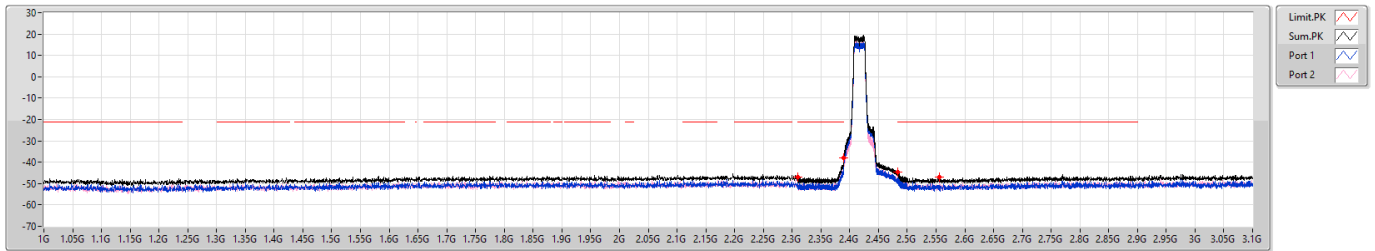
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

2417MHz

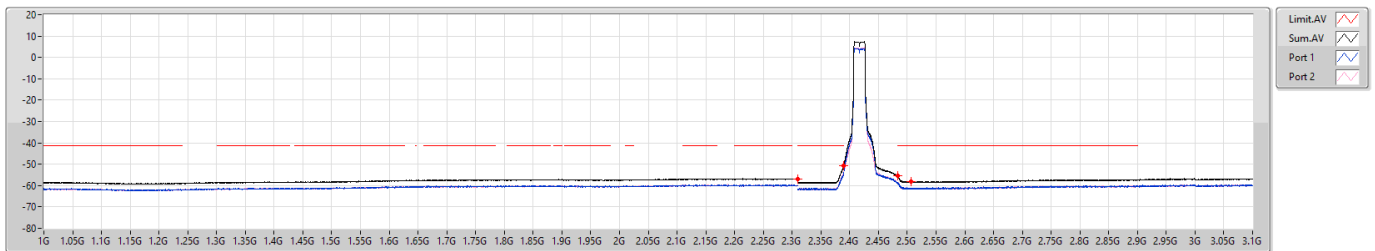


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-47.00	-49.32	-50.82
2.31G	2.39G	1M	PK	2.38992G	-37.94	-40.62	-41.31
2.4835G	2.5G	1M	PK	2.48368G	-44.54	-48.86	-46.55
2.5G	3.1G	1M	PK	2.5564G	-46.91	-50.93	-49.10

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

2417MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.84	-59.90	-59.81
2.31G	2.39G	1M	AV	2.39G	-50.56	-53.81	-53.34
2.4835G	2.5G	1M	AV	2.48358G	-55.45	-58.50	-58.43
2.5G	3.1G	1M	AV	2.5072G	-58.06	-61.07	-61.07



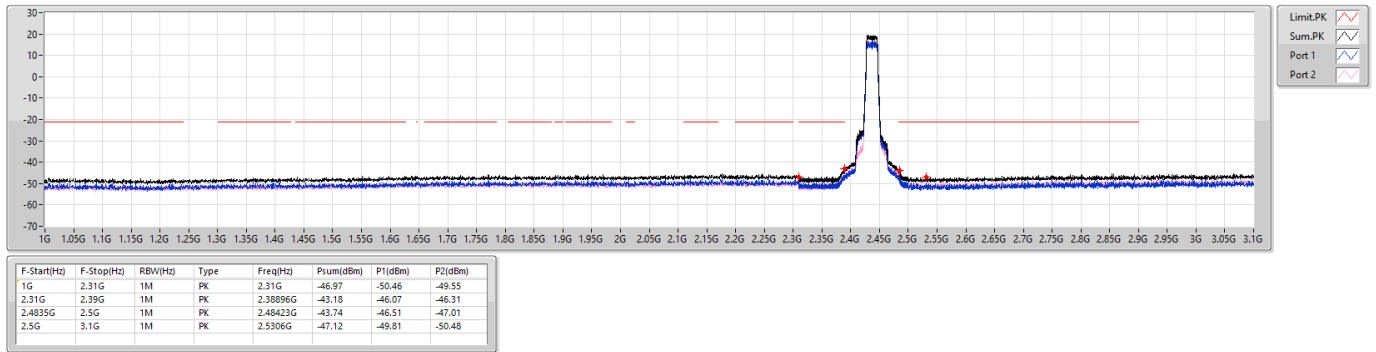
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

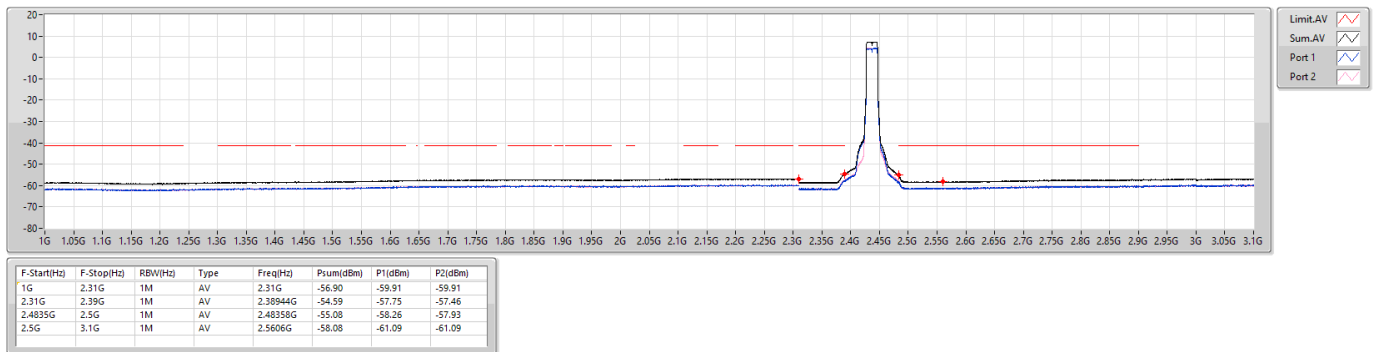
2437MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

2437MHz





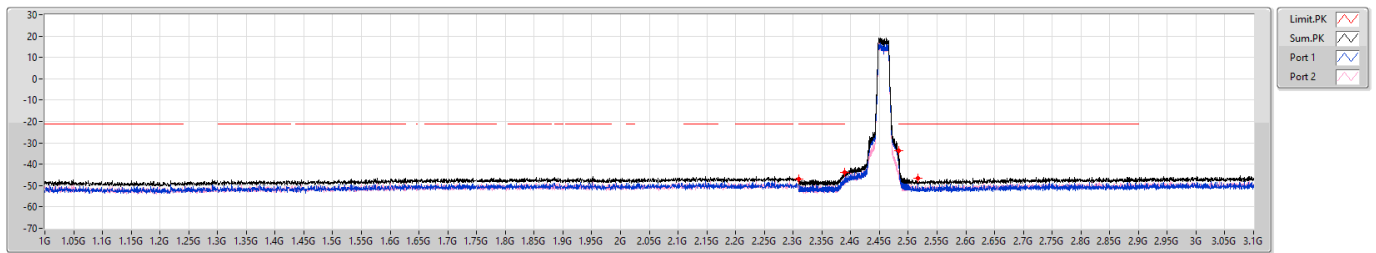
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

2457MHz

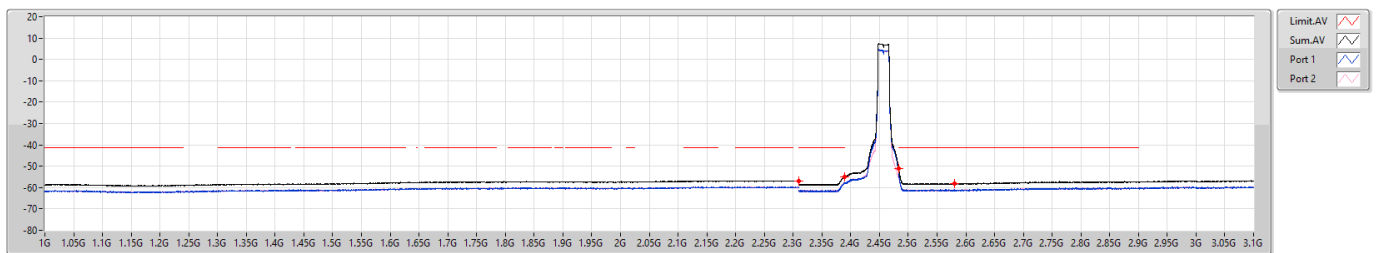


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-46.82	-49.22	-50.55
2.31G	2.39G	1M	PK	2.38896G	-43.66	-46.39	-46.97
2.4835G	2.5G	1M	PK	2.48371G	-33.48	-33.84	-44.42
2.5G	3.1G	1M	PK	2.5168G	-46.59	-48.43	-51.20

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

2457MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.98	-59.81	-60.18
2.31G	2.39G	1M	AV	2.38872G	-54.93	-57.82	-58.07
2.4835G	2.5G	1M	AV	2.4835G	-51.25	-53.32	-55.45
2.5G	3.1G	1M	AV	2.5801G	-58.02	-60.95	-61.12



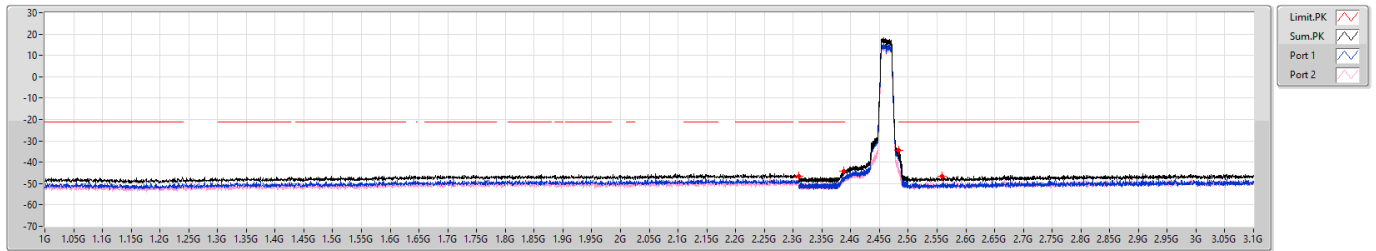
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

2462MHz

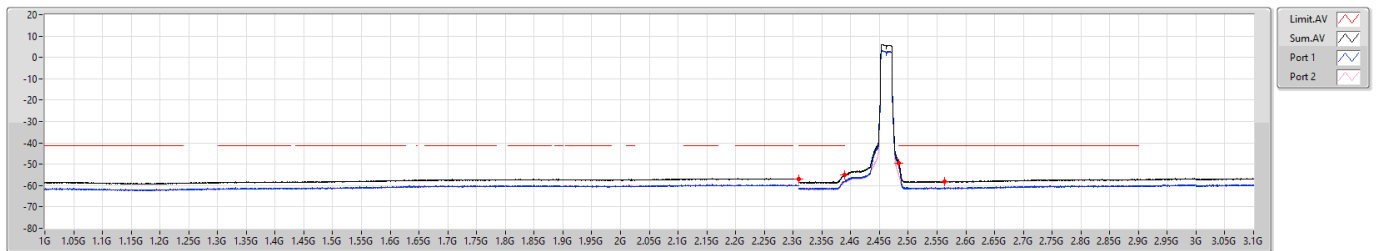


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-46.62	-49.24	-50.07
2.31G	2.39G	1M	PK	2.38824G	-44.35	-47.12	-47.62
2.4835G	2.5G	1M	PK	2.48385G	-34.60	-35.37	-42.51
2.5G	3.1G	1M	PK	2.5585G	-46.58	-50.02	-49.20

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.85	-59.91	-59.82
2.31G	2.39G	1M	AV	2.3882G	-55.19	-57.97	-58.44
2.4835G	2.5G	1M	AV	2.4835G	-49.55	-50.94	-55.16
2.5G	3.1G	1M	AV	2.5627G	-58.01	-61.02	-61.02



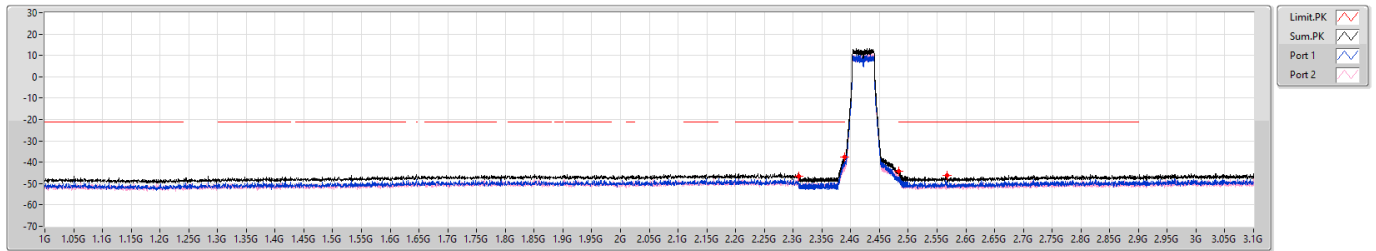
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

2422MHz

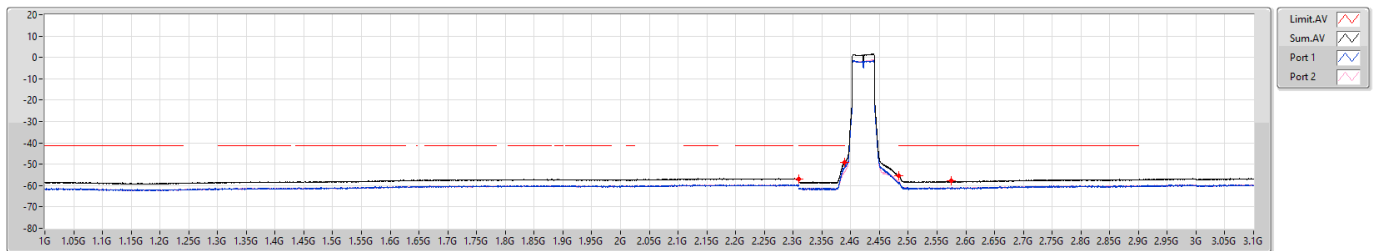


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-46.75	-49.76	-49.76
2.31G	2.39G	1M	PK	2.38936G	-37.77	-40.51	-41.07
2.4835G	2.5G	1M	PK	2.48401G	-44.12	-47.03	-47.24
2.5G	3.1G	1M	PK	2.5678G	-46.29	-47.78	-51.67

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

2422MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.99	-59.91	-60.09
2.31G	2.39G	1M	AV	2.39G	-49.31	-51.38	-53.53
2.4835G	2.5G	1M	AV	2.48365G	-55.25	-58.42	-58.11
2.5G	3.1G	1M	AV	2.5747G	-57.90	-61.08	-60.75



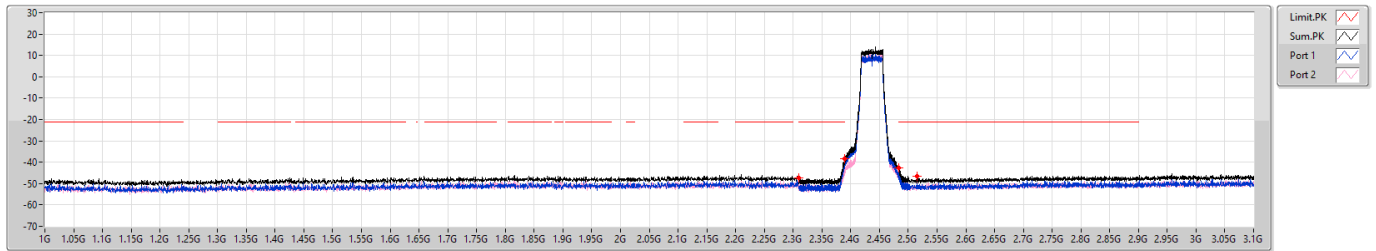
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

2437MHz

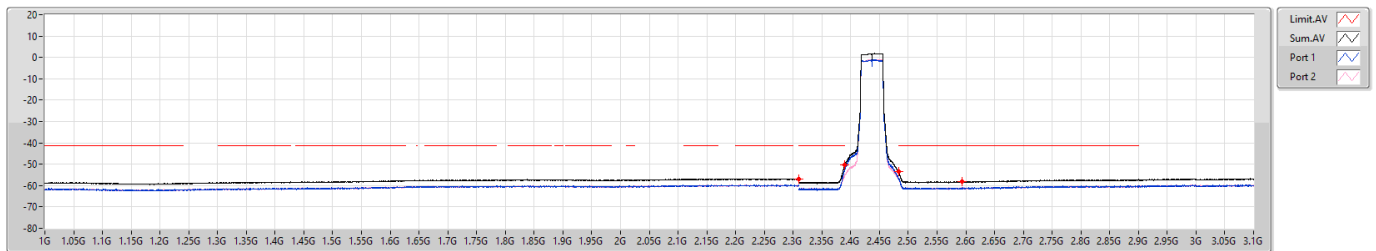


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	PK	2.31G	-47.24	-49.60	-51.01
2.31G	2.39G	1M	PK	2.38976G	-38.20	-39.28	-44.75
2.4835G	2.5G	1M	PK	2.48403G	-42.48	-45.49	-45.49
2.5G	3.1G	1M	PK	2.5159G	-46.56	-50.04	-49.14

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
1G	2.31G	1M	AV	2.31G	-56.99	-60.05	-59.96
2.31G	2.39G	1M	AV	2.38984G	-50.49	-52.32	-55.13
2.4835G	2.5G	1M	AV	2.48363G	-53.61	-56.47	-56.77
2.5G	3.1G	1M	AV	2.5939G	-58.09	-61.28	-60.93



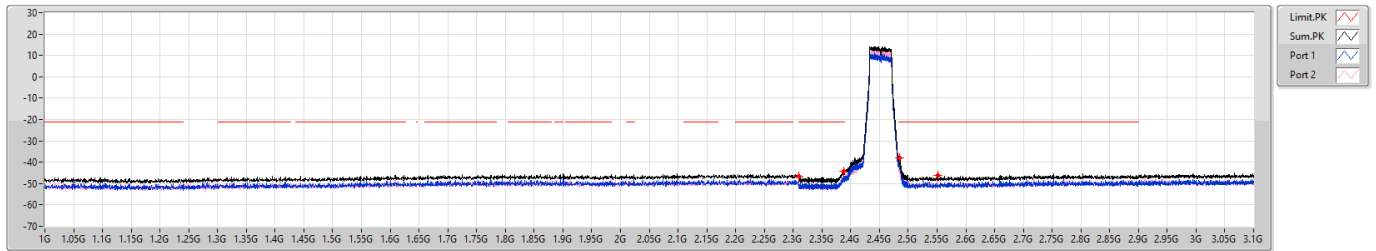
Unwanted Conducted Emissions into Restricted Frequency Bands (1GHz~3.1GHz)

Appendix D.2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [PK]

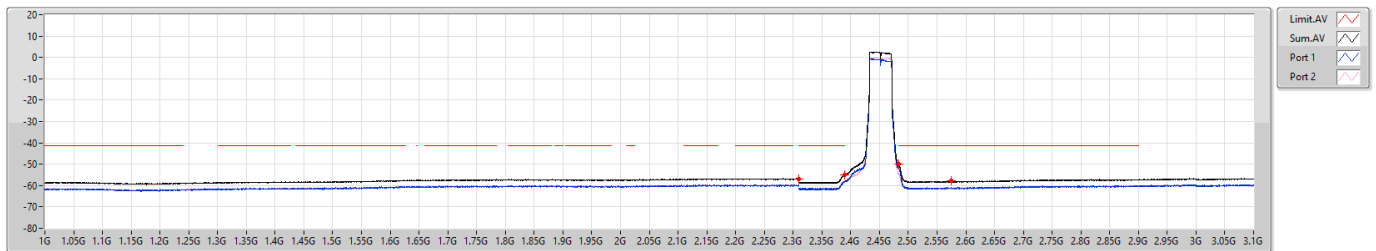
2452MHz



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE Bandedge [AV]

2452MHz



Summary

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	8G	25G	AV	22.18916G	8.01	-69.71	-68.33	-65.96	-57.95	-41.20	-16.75
802.11g_Nss1,(6Mbps)_2TX	Pass	8G	25G	AV	22.15144G	8.01	-69.21	-69.05	-66.12	-58.11	-41.20	-16.91
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	8G	25G	AV	22.09778G	8.01	-69.15	-69.27	-66.20	-58.19	-41.20	-16.99
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	8G	25G	AV	22.13178G	8.01	-69.55	-68.69	-66.09	-58.08	-41.20	-16.88

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



Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.35515G	8.01	-73.99	-78.60	-72.70	-64.69	-41.20	-23.49
2412MHz	Pass	4G	5G	AV	4.863G	8.01	-76.47	-76.60	-73.52	-65.51	-41.20	-24.31
2412MHz	Pass	5G	7G	AV	5.4235G	8.01	-75.32	-76.11	-72.69	-64.68	-41.20	-23.48
2412MHz	Pass	7G	8G	AV	7.474G	8.01	-72.66	-71.79	-69.19	-61.18	-41.20	-19.98
2412MHz	Pass	8G	25G	AV	22.13284G	8.01	-69.46	-69.35	-66.39	-58.38	-41.20	-17.18
2412MHz	Pass	3.1G	4G	PK	3.9838G	8.01	-68.56	-66.18	-64.20	-56.19	-21.20	-34.99
2412MHz	Pass	4G	5G	PK	4.8625G	8.01	-66.54	-67.20	-63.85	-55.84	-21.20	-34.64
2412MHz	Pass	5G	7G	PK	5.4G	8.01	-66.49	-66.78	-63.62	-55.61	-21.20	-34.41
2412MHz	Pass	7G	8G	PK	7.444G	8.01	-61.84	-63.93	-59.75	-51.74	-21.20	-30.54
2412MHz	Pass	8G	25G	PK	22.09194G	8.01	-61.78	-60.04	-57.81	-49.80	-21.20	-28.60
2437MHz	Pass	3.1G	4G	AV	3.3565G	8.01	-76.15	-77.05	-73.57	-65.56	-41.20	-24.36
2437MHz	Pass	4G	5G	AV	4.942G	8.01	-76.37	-76.39	-73.37	-65.36	-41.20	-24.16
2437MHz	Pass	5G	7G	AV	5.407G	8.01	-75.63	-75.75	-72.68	-64.67	-41.20	-23.47
2437MHz	Pass	7G	8G	AV	7.484G	8.01	-72.37	-71.85	-69.09	-61.08	-41.20	-19.88
2437MHz	Pass	8G	25G	AV	22.18916G	8.01	-69.71	-68.33	-65.96	-57.95	-41.20	-16.75
2437MHz	Pass	3.1G	4G	PK	3.95275G	8.01	-66.94	-68.49	-64.64	-56.63	-21.20	-35.43
2437MHz	Pass	4G	5G	PK	4.99G	8.01	-65.72	-68.60	-63.92	-55.91	-21.20	-34.71
2437MHz	Pass	5G	7G	PK	5.438G	8.01	-66.78	-65.97	-63.35	-55.34	-21.20	-34.14
2437MHz	Pass	7G	8G	PK	7.482G	8.01	-64.50	-62.13	-60.14	-52.13	-21.20	-30.93
2437MHz	Pass	8G	25G	PK	22.19181G	8.01	-60.84	-60.23	-57.51	-49.50	-21.20	-28.30
2462MHz	Pass	3.1G	4G	AV	3.3529G	8.01	-75.55	-78.53	-73.78	-65.77	-41.20	-24.57
2462MHz	Pass	4G	5G	AV	4.859G	8.01	-76.93	-75.98	-73.42	-65.41	-41.20	-24.21
2462MHz	Pass	5G	7G	AV	5.424G	8.01	-75.54	-76.03	-72.77	-64.76	-41.20	-23.56
2462MHz	Pass	7G	8G	AV	7.4785G	8.01	-72.36	-72.25	-69.29	-61.28	-41.20	-20.08
2462MHz	Pass	8G	25G	AV	22.12541G	8.01	-69.52	-68.64	-66.05	-58.04	-41.20	-16.84
2462MHz	Pass	3.1G	4G	PK	3.98965G	8.01	-69.24	-66.59	-64.71	-56.70	-21.20	-35.50
2462MHz	Pass	4G	5G	PK	4.854G	8.01	-65.68	-67.55	-63.50	-55.49	-21.20	-34.29
2462MHz	Pass	5G	7G	PK	5.451G	8.01	-65.69	-67.11	-63.33	-55.32	-21.20	-34.12
2462MHz	Pass	7G	8G	PK	7.4145G	8.01	-61.90	-65.72	-60.39	-52.38	-21.20	-31.18
2462MHz	Pass	8G	25G	PK	22.12647G	8.01	-59.68	-60.13	-56.89	-48.88	-21.20	-27.68
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.9883G	8.01	-76.91	-77.45	-74.16	-66.15	-41.20	-24.95
2412MHz	Pass	4G	5G	AV	4.8505G	8.01	-75.52	-77.34	-73.33	-65.32	-41.20	-24.12
2412MHz	Pass	5G	7G	AV	5.4165G	8.01	-75.75	-75.02	-72.36	-64.35	-41.20	-23.15
2412MHz	Pass	7G	8G	AV	7.4965G	8.01	-72.56	-72.14	-69.33	-61.32	-41.20	-20.12
2412MHz	Pass	8G	25G	AV	22.15144G	8.01	-69.21	-69.05	-66.12	-58.11	-41.20	-16.91
2412MHz	Pass	3.1G	4G	PK	3.9865G	8.01	-66.78	-68.60	-64.59	-56.58	-21.20	-35.38
2412MHz	Pass	4G	5G	PK	4.0005G	8.01	-66.06	-68.89	-64.24	-56.23	-21.20	-35.03
2412MHz	Pass	5G	7G	PK	5.4405G	8.01	-65.72	-66.45	-63.06	-55.05	-21.20	-33.85
2412MHz	Pass	7G	8G	PK	7.467G	8.01	-64.54	-61.99	-60.07	-52.06	-21.20	-30.86
2412MHz	Pass	8G	25G	PK	22.16525G	8.01	-59.24	-62.52	-57.57	-49.56	-21.20	-28.36

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P1 (dBm)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2437MHz	Pass	3.1G	4G	AV	3.35695G	8.01	-77.91	-75.50	-73.53	-65.52	-41.20	-24.32
2437MHz	Pass	4G	5G	AV	4.9835G	8.01	-76.79	-76.02	-73.38	-65.37	-41.20	-24.17
2437MHz	Pass	5G	7G	AV	5.41G	8.01	-75.94	-75.21	-72.55	-64.54	-41.20	-23.34
2437MHz	Pass	7G	8G	AV	7.473G	8.01	-72.34	-72.28	-69.30	-61.29	-41.20	-20.09
2437MHz	Pass	8G	25G	AV	22.11691G	8.01	-69.94	-68.58	-66.20	-58.19	-41.20	-16.99
2437MHz	Pass	3.1G	4G	PK	3.35245G	8.01	-67.12	-67.67	-64.38	-56.37	-21.20	-35.17
2437MHz	Pass	4G	5G	PK	4.7015G	8.01	-66.94	-66.79	-63.85	-55.84	-21.20	-34.64
2437MHz	Pass	5G	7G	PK	5.403G	8.01	-65.47	-67.65	-63.41	-55.40	-21.20	-34.20
2437MHz	Pass	7G	8G	PK	7.4975G	8.01	-63.97	-62.88	-60.38	-52.37	-21.20	-31.17
2437MHz	Pass	8G	25G	PK	22.20084G	8.01	-60.62	-60.86	-57.73	-49.72	-21.20	-28.52
2462MHz	Pass	3.1G	4G	AV	3.35065G	8.01	-76.09	-77.10	-73.56	-65.55	-41.20	-24.35
2462MHz	Pass	4G	5G	AV	4.8465G	8.01	-75.76	-76.44	-73.08	-65.07	-41.20	-23.87
2462MHz	Pass	5G	7G	AV	5.412G	8.01	-75.95	-75.58	-72.75	-64.74	-41.20	-23.54
2462MHz	Pass	7G	8G	AV	7.4855G	8.01	-71.93	-72.27	-69.09	-61.08	-41.20	-19.88
2462MHz	Pass	8G	25G	AV	22.13125G	8.01	-69.06	-69.57	-66.30	-58.29	-41.20	-17.09
2462MHz	Pass	3.1G	4G	PK	3.91135G	8.01	-67.76	-68.32	-65.02	-57.01	-21.20	-35.81
2462MHz	Pass	4G	5G	PK	4.92G	8.01	-67.70	-66.51	-64.05	-56.04	-21.20	-34.84
2462MHz	Pass	5G	7G	PK	5.3875G	8.01	-65.29	-68.37	-63.55	-55.54	-21.20	-34.34
2462MHz	Pass	7G	8G	PK	7.496G	8.01	-62.78	-62.38	-59.57	-51.56	-21.20	-30.36
2462MHz	Pass	8G	25G	PK	22.15038G	8.01	-60.96	-60.53	-57.73	-49.72	-21.20	-28.52
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	3.1G	4G	AV	3.3529G	8.01	-78.40	-73.95	-72.62	-64.61	-41.20	-23.41
2412MHz	Pass	4G	5G	AV	4.9845G	8.01	-75.87	-77.13	-73.44	-65.43	-41.20	-24.23
2412MHz	Pass	5G	7G	AV	5.3815G	8.01	-75.65	-75.30	-72.46	-64.45	-41.20	-23.25
2412MHz	Pass	7G	8G	AV	7.497G	8.01	-72.24	-72.43	-69.32	-61.31	-41.20	-20.11
2412MHz	Pass	8G	25G	AV	22.14931G	8.01	-68.85	-69.70	-66.24	-58.23	-41.20	-17.03
2412MHz	Pass	3.1G	4G	PK	3.35425G	8.01	-69.21	-64.31	-63.09	-55.08	-21.20	-33.88
2412MHz	Pass	4G	5G	PK	4.9845G	8.01	-67.84	-66.23	-63.95	-55.94	-21.20	-34.74
2412MHz	Pass	5G	7G	PK	5.424G	8.01	-65.30	-67.34	-63.19	-55.18	-21.20	-33.98
2412MHz	Pass	7G	8G	PK	7.483G	8.01	-61.50	-63.63	-59.43	-51.42	-21.20	-30.22
2412MHz	Pass	8G	25G	PK	22.08822G	8.01	-60.10	-60.44	-57.26	-49.25	-21.20	-28.05
2437MHz	Pass	3.1G	4G	AV	3.35065G	8.01	-76.38	-74.75	-72.48	-64.47	-41.20	-23.27
2437MHz	Pass	4G	5G	AV	4.9595G	8.01	-75.52	-77.00	-73.19	-65.18	-41.20	-23.98
2437MHz	Pass	5G	7G	AV	5.447G	8.01	-75.73	-75.30	-72.50	-64.49	-41.20	-23.29
2437MHz	Pass	7G	8G	AV	7.497G	8.01	-72.43	-72.09	-69.25	-61.24	-41.20	-20.04
2437MHz	Pass	8G	25G	AV	22.11903G	8.01	-68.97	-69.54	-66.24	-58.23	-41.20	-17.03
2437MHz	Pass	3.1G	4G	PK	3.3538G	8.01	-68.93	-65.74	-64.04	-56.03	-21.20	-34.83
2437MHz	Pass	4G	5G	PK	4.6665G	8.01	-68.85	-65.23	-63.66	-55.65	-21.20	-34.45
2437MHz	Pass	5G	7G	PK	5.44G	8.01	-66.90	-65.82	-63.32	-55.31	-21.20	-34.11
2437MHz	Pass	7G	8G	PK	7.436G	8.01	-64.18	-62.50	-60.25	-52.24	-21.20	-31.04
2437MHz	Pass	8G	25G	PK	22.16631G	8.01	-60.47	-60.47	-57.46	-49.45	-21.20	-28.25
2462MHz	Pass	3.1G	4G	AV	3.95005G	8.01	-76.70	-77.12	-73.89	-65.88	-41.20	-24.68



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)	P2 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
2462MHz	Pass	4G	5G	AV	4.9825G	8.01	-76.57	-76.20	-73.37	-65.36	-41.20	-24.16
2462MHz	Pass	5G	7G	AV	5.408G	8.01	-76.67	-75.20	-72.86	-64.85	-41.20	-23.65
2462MHz	Pass	7G	8G	AV	7.486G	8.01	-72.31	-72.05	-69.17	-61.16	-41.20	-19.96
2462MHz	Pass	8G	25G	AV	22.09778G	8.01	-69.15	-69.27	-66.20	-58.19	-41.20	-16.99
2462MHz	Pass	3.1G	4G	PK	3.352G	8.01	-68.17	-66.37	-64.17	-56.16	-21.20	-34.96
2462MHz	Pass	4G	5G	PK	4.872G	8.01	-66.88	-67.27	-64.06	-56.05	-21.20	-34.85
2462MHz	Pass	5G	7G	PK	5.3515G	8.01	-65.73	-67.87	-63.66	-55.65	-21.20	-34.45
2462MHz	Pass	7G	8G	PK	7.4495G	8.01	-62.42	-64.63	-60.38	-52.37	-21.20	-31.17
2462MHz	Pass	8G	25G	PK	22.13231G	8.01	-60.45	-61.13	-57.77	-49.76	-21.20	-28.56
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	3.1G	4G	AV	3.35245G	8.01	-75.80	-72.99	-71.16	-63.15	-41.20	-21.95
2422MHz	Pass	4G	5G	AV	4.977G	8.01	-76.26	-76.56	-73.40	-65.39	-41.20	-24.19
2422MHz	Pass	5G	7G	AV	5.427G	8.01	-75.54	-75.78	-72.65	-64.64	-41.20	-23.44
2422MHz	Pass	7G	8G	AV	7.4935G	8.01	-72.07	-72.40	-69.22	-61.21	-41.20	-20.01
2422MHz	Pass	8G	25G	AV	22.06644G	8.01	-69.11	-69.19	-66.14	-58.13	-41.20	-16.93
2422MHz	Pass	3.1G	4G	PK	3.35335G	8.01	-64.76	-66.36	-62.48	-54.47	-21.20	-33.27
2422MHz	Pass	4G	5G	PK	4.8735G	8.01	-67.31	-66.39	-63.82	-55.81	-21.20	-34.61
2422MHz	Pass	5G	7G	PK	5.4135G	8.01	-66.18	-66.91	-63.52	-55.51	-21.20	-34.31
2422MHz	Pass	7G	8G	PK	7.4915G	8.01	-64.61	-62.22	-60.24	-52.23	-21.20	-31.03
2422MHz	Pass	8G	25G	PK	22.15463G	8.01	-62.20	-59.57	-57.68	-49.67	-21.20	-28.47
2437MHz	Pass	3.1G	4G	AV	3.352G	8.01	-76.57	-74.54	-72.43	-64.42	-41.20	-23.22
2437MHz	Pass	4G	5G	AV	4.9975G	8.01	-75.74	-77.27	-73.43	-65.42	-41.20	-24.22
2437MHz	Pass	5G	7G	AV	5.436G	8.01	-75.75	-75.38	-72.55	-64.54	-41.20	-23.34
2437MHz	Pass	7G	8G	AV	7.482G	8.01	-72.07	-72.50	-69.27	-61.26	-41.20	-20.06
2437MHz	Pass	8G	25G	AV	22.13178G	8.01	-69.55	-68.69	-66.09	-58.08	-41.20	-16.88
2437MHz	Pass	3.1G	4G	PK	3.3511G	8.01	-64.88	-68.77	-63.39	-55.38	-21.20	-34.18
2437MHz	Pass	4G	5G	PK	4.876G	8.01	-67.24	-66.27	-63.72	-55.71	-21.20	-34.51
2437MHz	Pass	5G	7G	PK	5.452G	8.01	-65.61	-68.43	-63.78	-55.77	-21.20	-34.57
2437MHz	Pass	7G	8G	PK	7.4635G	8.01	-62.77	-63.64	-60.17	-52.16	-21.20	-30.96
2437MHz	Pass	8G	25G	PK	22.03084G	8.01	-61.49	-59.96	-57.65	-49.64	-21.20	-28.44
2452MHz	Pass	3.1G	4G	AV	3.35245G	8.01	-76.35	-73.82	-71.89	-63.88	-41.20	-22.68
2452MHz	Pass	4G	5G	AV	4.958G	8.01	-75.46	-76.87	-73.10	-65.09	-41.20	-23.89
2452MHz	Pass	5G	7G	AV	5.371G	8.01	-75.74	-75.73	-72.72	-64.71	-41.20	-23.51
2452MHz	Pass	7G	8G	AV	7.4615G	8.01	-71.68	-73.15	-69.34	-61.33	-41.20	-20.13
2452MHz	Pass	8G	25G	AV	22.17109G	8.01	-68.83	-69.72	-66.24	-58.23	-41.20	-17.03
2452MHz	Pass	3.1G	4G	PK	3.3511G	8.01	-66.47	-66.74	-63.59	-55.58	-21.20	-34.38
2452MHz	Pass	4G	5G	PK	4.868G	8.01	-67.06	-66.69	-63.86	-55.85	-21.20	-34.65
2452MHz	Pass	5G	7G	PK	5.433G	8.01	-65.74	-66.12	-62.92	-54.91	-21.20	-33.71
2452MHz	Pass	7G	8G	PK	7.4415G	8.01	-63.47	-62.80	-60.11	-52.10	-21.20	-30.90
2452MHz	Pass	8G	25G	PK	22.13444G	8.01	-60.89	-60.71	-57.79	-49.78	-21.20	-28.58

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



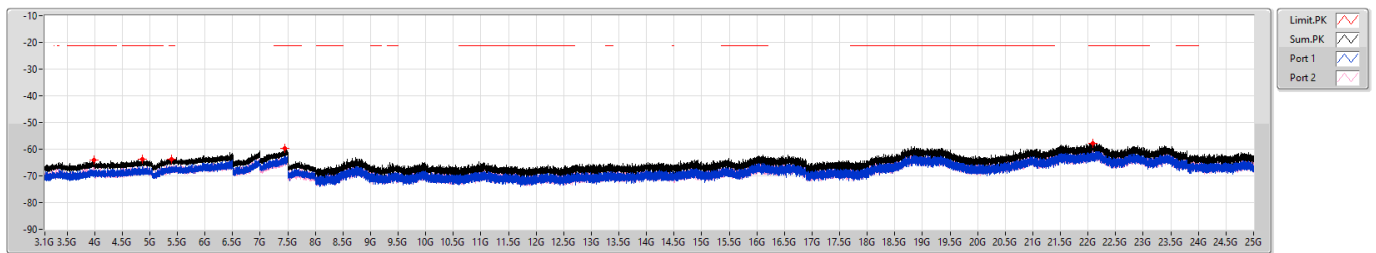
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE [PK]

2412MHz

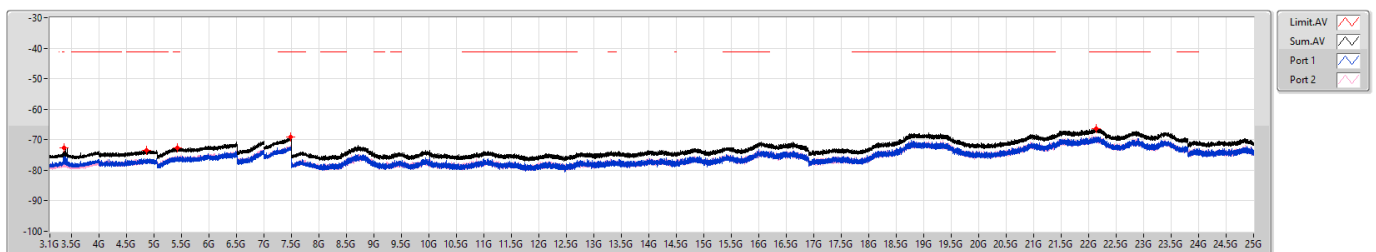


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.8938G	-64.20	-68.56	-66.18
4G	5G	1M	PK	4.8625G	-63.85	-66.54	-67.20
5G	7G	1M	PK	5.4G	-63.62	-66.49	-66.78
7G	8G	1M	PK	7.444G	-59.75	-61.84	-63.93
8G	25G	1M	PK	22.09194G	-57.81	-61.78	-60.04

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE [AV]

2412MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.35515G	-73.70	-73.99	-78.60
4G	5G	1M	AV	4.863G	-73.52	-76.47	-76.60
5G	7G	1M	AV	5.4235G	-72.69	-75.32	-76.11
7G	8G	1M	AV	7.474G	-69.19	-72.66	-71.79
8G	25G	1M	AV	22.13284G	-66.39	-69.46	-69.35



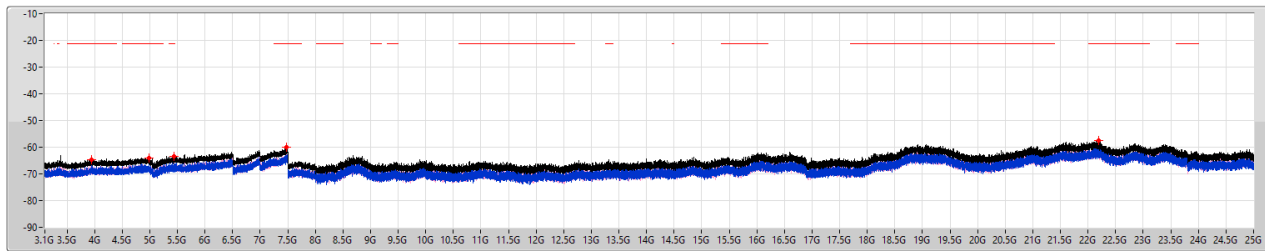
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE [PK]

2437MHz

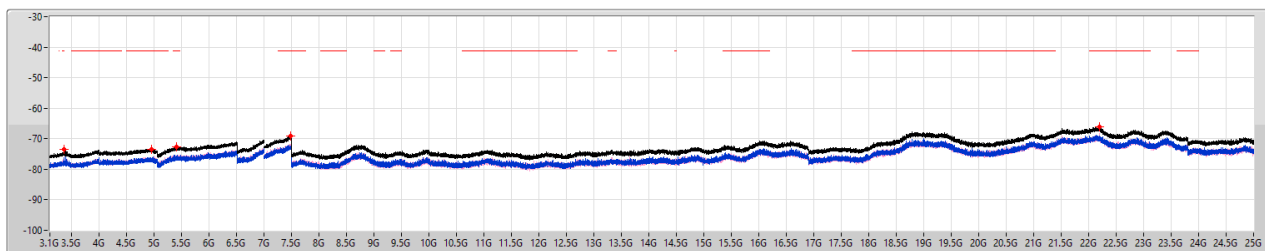


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.95275G	-64.64	-66.94	-68.49
4G	5G	1M	PK	4.99G	-63.92	-65.72	-66.60
5G	7G	1M	PK	5.438G	-63.35	-66.78	-65.97
7G	8G	1M	PK	7.482G	-60.14	-64.50	-62.13
8G	25G	1M	PK	22.19181G	-57.51	-60.84	-60.23

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE [AV]

2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.3565G	-73.57	-76.15	-77.05
4G	5G	1M	AV	4.942G	-73.37	-76.37	-76.39
5G	7G	1M	AV	5.407G	-72.68	-75.63	-75.75
7G	8G	1M	AV	7.484G	-69.09	-72.37	-71.85
8G	25G	1M	AV	22.18916G	-65.96	-69.71	-68.33



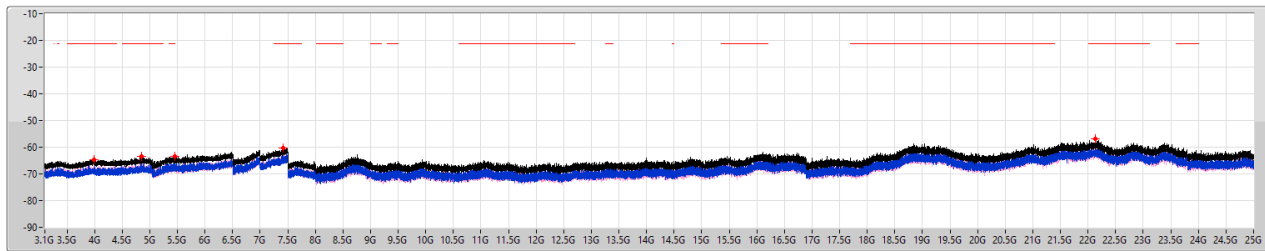
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE [PK]

2462MHz

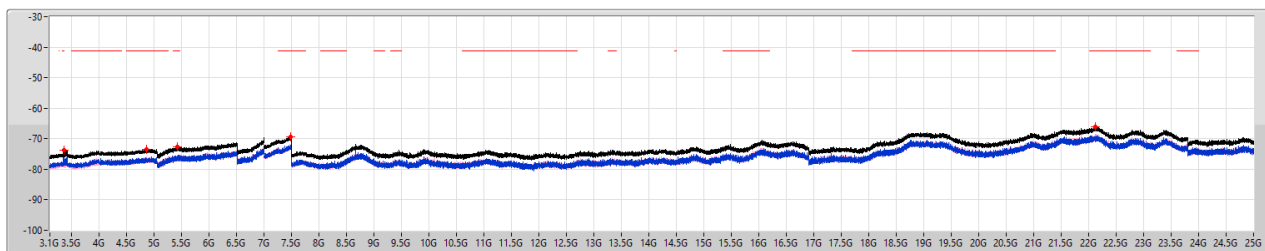


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.98965G	-64.71	-69.24	-66.59
4G	5G	1M	PK	4.854G	-63.50	-65.68	-67.55
5G	7G	1M	PK	5.451G	-63.33	-65.69	-67.11
7G	8G	1M	PK	7.4145G	-60.39	-61.90	-65.72
8G	25G	1M	PK	22.12647G	-56.89	-59.68	-60.13

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSE [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.3529G	-73.78	-75.55	-78.53
4G	5G	1M	AV	4.859G	-73.42	-76.93	-75.98
5G	7G	1M	AV	5.424G	-72.77	-75.54	-76.03
7G	8G	1M	AV	7.4785G	-69.29	-72.36	-72.25
8G	25G	1M	AV	22.12541G	-66.05	-69.52	-68.64



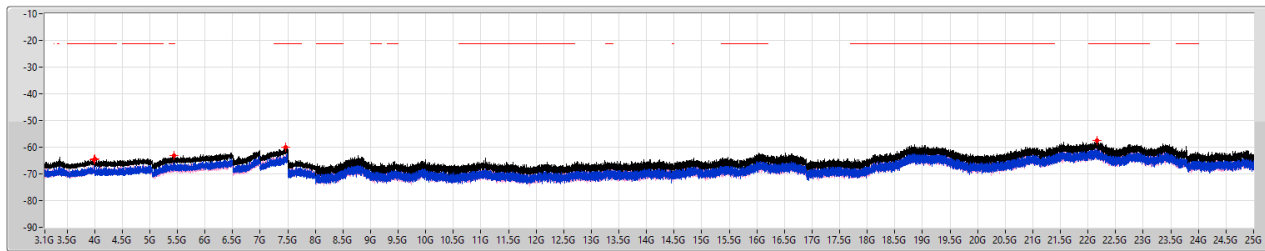
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE [PK]

2412MHz

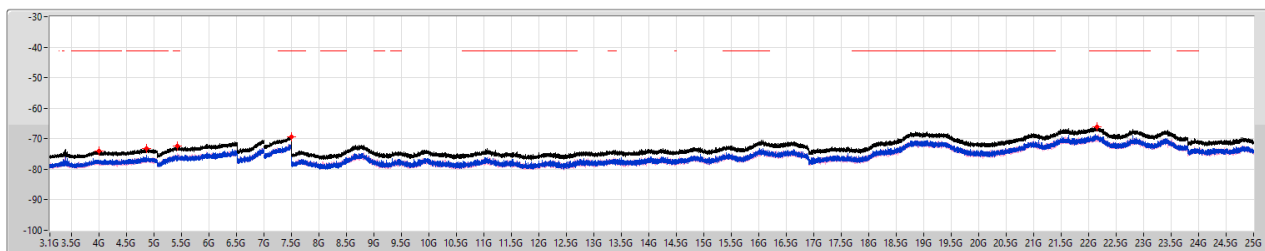


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.9865G	-64.59	-66.78	-68.60
4G	5G	1M	PK	4.0005G	-64.24	-66.06	-68.89
5G	7G	1M	PK	5.4405G	-63.06	-65.72	-66.45
7G	8G	1M	PK	7.467G	-60.07	-64.54	-61.99
8G	25G	1M	PK	22.16525G	-57.57	-59.24	-62.52

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE [AV]

2412MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.9883G	-74.16	-76.91	-77.45
4G	5G	1M	AV	4.8905G	-73.33	-75.52	-77.34
5G	7G	1M	AV	5.4165G	-72.36	-75.75	-75.02
7G	8G	1M	AV	7.4965G	-69.33	-72.56	-72.14
8G	25G	1M	AV	22.15144G	-66.12	-69.21	-69.05



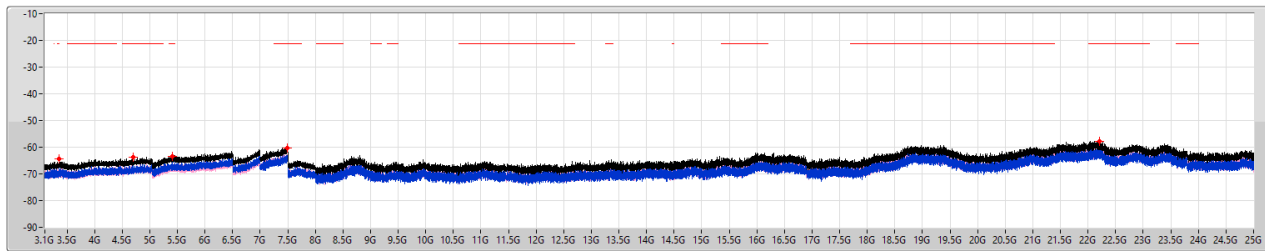
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE [PK]

2437MHz

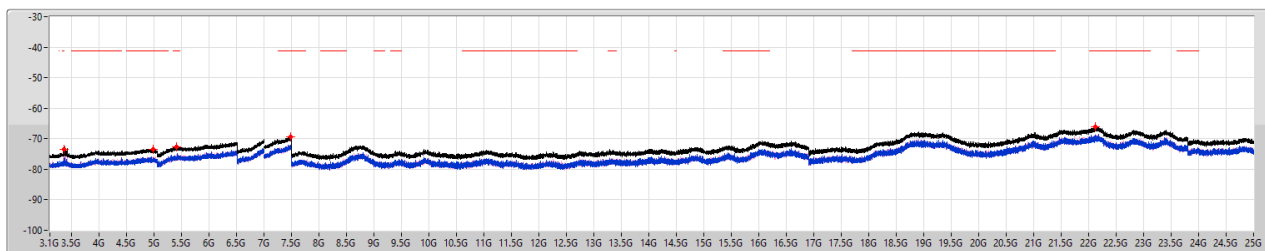


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.35245G	-64.38	-67.12	-67.67
4G	5G	1M	PK	4.7015G	-63.85	-66.94	-66.79
5G	7G	1M	PK	5.403G	-63.41	-65.47	-67.65
7G	8G	1M	PK	7.4975G	-60.38	-63.97	-62.88
8G	25G	1M	PK	22.20084G	-57.73	-60.62	-60.86

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE [AV]

2437MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.35695G	-73.53	-77.91	-75.50
4G	5G	1M	AV	4.9835G	-73.38	-76.79	-76.02
5G	7G	1M	AV	5.41G	-72.55	-75.94	-75.21
7G	8G	1M	AV	7.473G	-69.30	-72.34	-72.28
8G	25G	1M	AV	22.11691G	-66.20	-69.94	-68.58



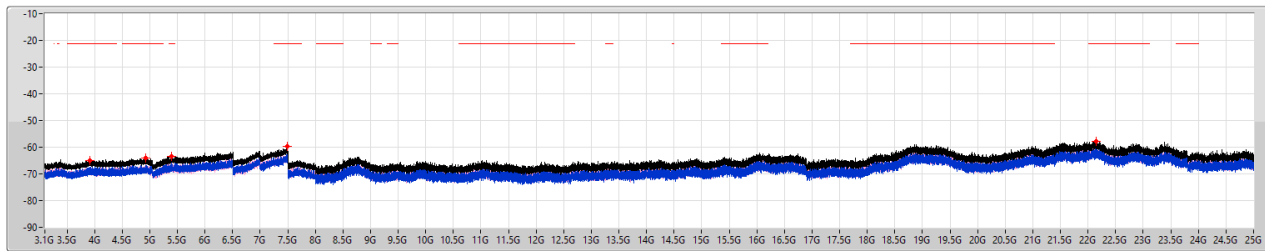
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE [PK]

2462MHz

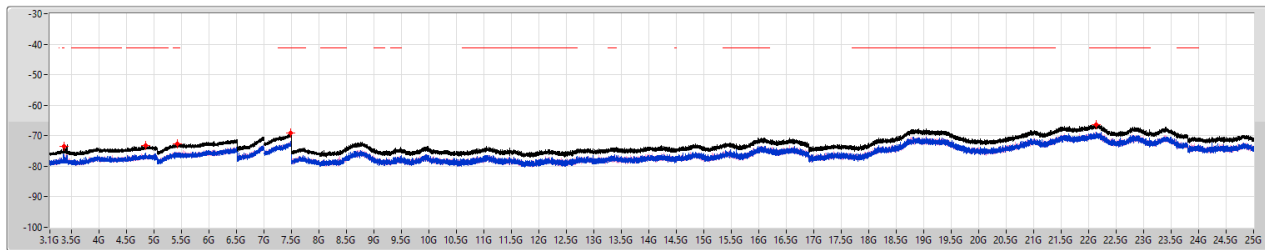


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.91135G	-65.02	-67.76	-68.32
4G	5G	1M	PK	4.92G	-64.05	-67.70	-66.51
5G	7G	1M	PK	5.3875G	-63.55	-65.29	-68.37
7G	8G	1M	PK	7.496G	-59.57	-62.78	-62.38
8G	25G	1M	PK	22.15038G	-57.73	-60.96	-60.53

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSE [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.35065G	-73.56	-76.09	-77.10
4G	5G	1M	AV	4.8465G	-73.08	-75.76	-76.44
5G	7G	1M	AV	5.412G	-72.75	-75.95	-75.58
7G	8G	1M	AV	7.4855G	-69.09	-71.93	-72.27
8G	25G	1M	AV	22.13125G	-66.30	-69.06	-69.57



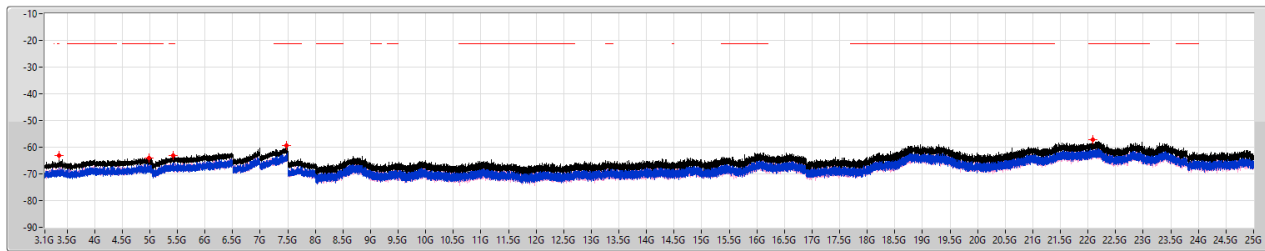
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

2412MHz

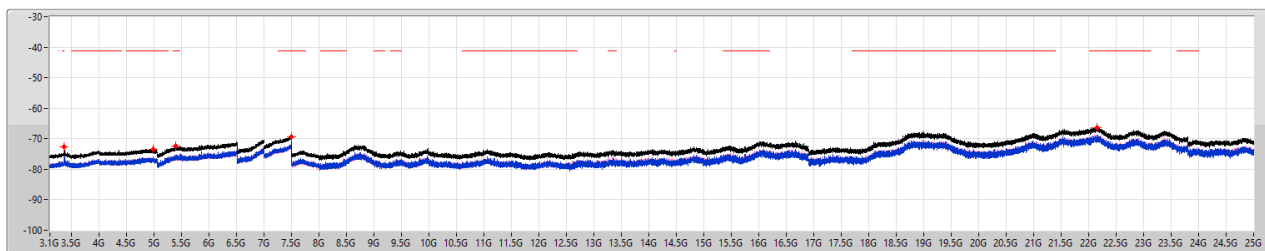


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.35425G	-63.09	-69.21	-64.31
4G	5G	1M	PK	4.9045G	-63.95	-67.84	-66.23
5G	7G	1M	PK	5.424G	-63.19	-65.30	-67.34
7G	8G	1M	PK	7.483G	-59.43	-61.50	-63.63
8G	25G	1M	PK	22.08822G	-57.26	-60.10	-60.44

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

2412MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.3529G	-72.62	-78.40	-73.95
4G	5G	1M	AV	4.9045G	-73.44	-75.87	-71.13
5G	7G	1M	AV	5.3815G	-72.46	-75.65	-75.30
7G	8G	1M	AV	7.497G	-69.32	-72.24	-72.43
8G	25G	1M	AV	22.14931G	-66.24	-68.85	-69.70



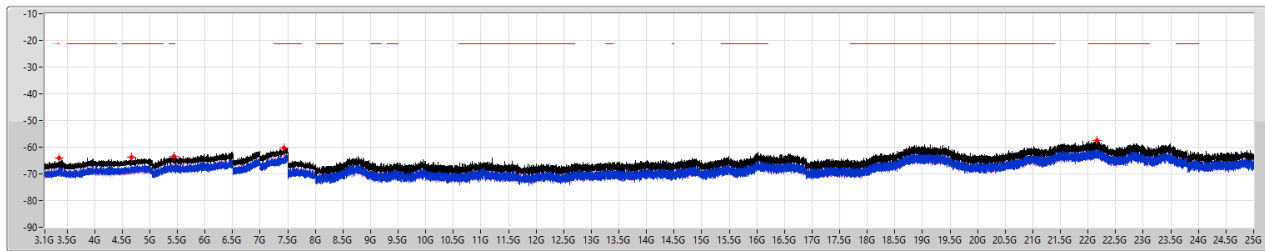
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

2437MHz

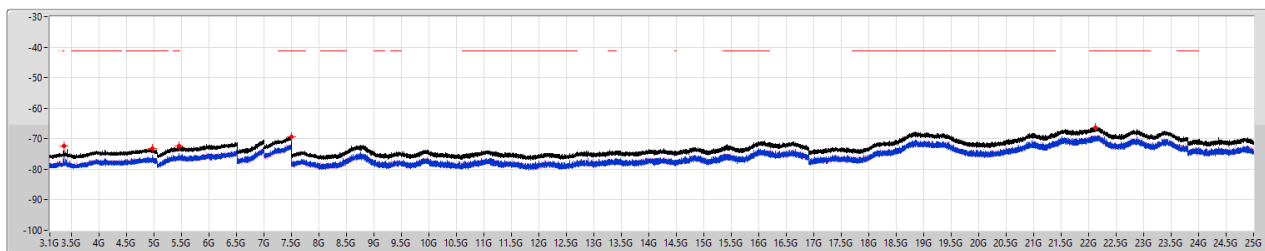


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.3538G	-64.04	-68.93	-65.74
4G	5G	1M	PK	4.6665G	-63.66	-68.85	-65.23
5G	7G	1M	PK	5.44G	-63.32	-66.90	-65.82
7G	8G	1M	PK	7.436G	-60.25	-64.18	-62.50
8G	25G	1M	PK	22.16631G	-57.46	-60.47	-60.47

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

2437MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.35065G	-72.48	-76.38	-74.75
4G	5G	1M	AV	4.9995G	-73.19	-75.52	-77.00
5G	7G	1M	AV	5.447G	-72.50	-75.73	-75.30
7G	8G	1M	AV	7.497G	-69.25	-72.43	-72.09
8G	25G	1M	AV	22.11903G	-66.24	-68.97	-69.54



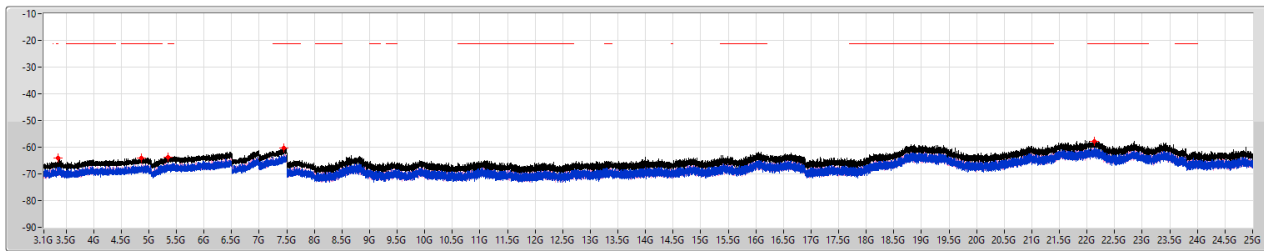
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [PK]

2462MHz

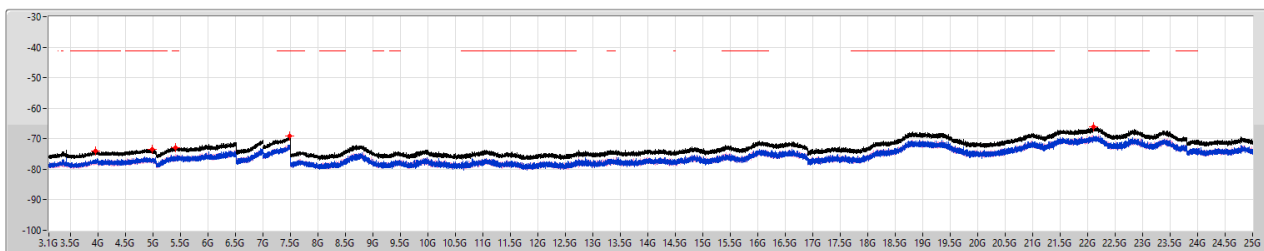


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.352G	-64.17	-68.17	-66.37
4G	5G	1M	PK	4.672G	-64.06	-66.88	-67.27
5G	7G	1M	PK	5.3515G	-63.66	-65.73	-67.87
7G	8G	1M	PK	7.4495G	-60.38	-62.42	-64.63
8G	25G	1M	PK	22.13231G	-57.77	-60.45	-61.13

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSE [AV]

2462MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.95005G	-73.89	-76.70	-77.12
4G	5G	1M	AV	4.9625G	-73.37	-76.57	-76.20
5G	7G	1M	AV	5.406G	-72.86	-76.67	-75.20
7G	8G	1M	AV	7.486G	-69.17	-72.31	-72.05
8G	25G	1M	AV	22.09778G	-66.20	-69.15	-69.27



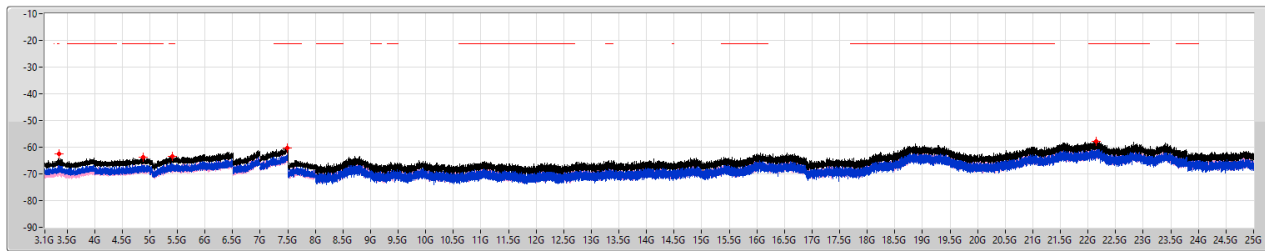
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [PK]

2422MHz

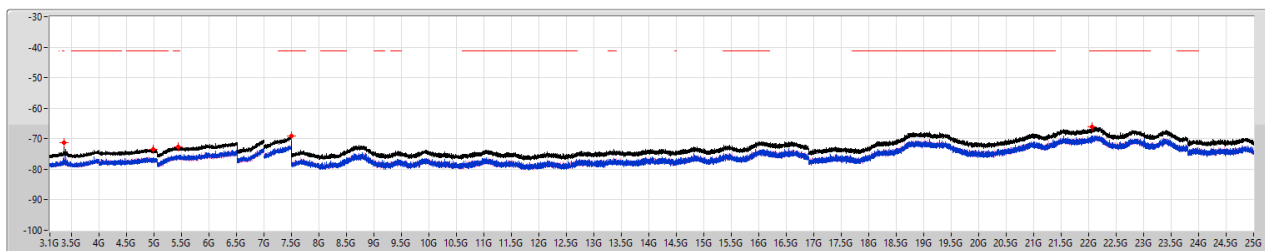


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.35335G	-62.48	-64.76	-66.36
4G	5G	1M	PK	4.6735G	-63.82	-67.31	-66.39
5G	7G	1M	PK	5.4135G	-63.52	-66.18	-66.91
7G	8G	1M	PK	7.4915G	-60.24	-64.61	-62.22
8G	25G	1M	PK	22.15463G	-57.68	-62.20	-59.57

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [AV]

2422MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.35245G	-71.16	-75.80	-72.99
4G	5G	1M	AV	4.977G	-73.40	-76.26	-76.56
5G	7G	1M	AV	5.427G	-72.65	-75.54	-75.78
7G	8G	1M	AV	7.4935G	-69.22	-72.07	-72.40
8G	25G	1M	AV	22.0644G	-66.14	-69.11	-69.19



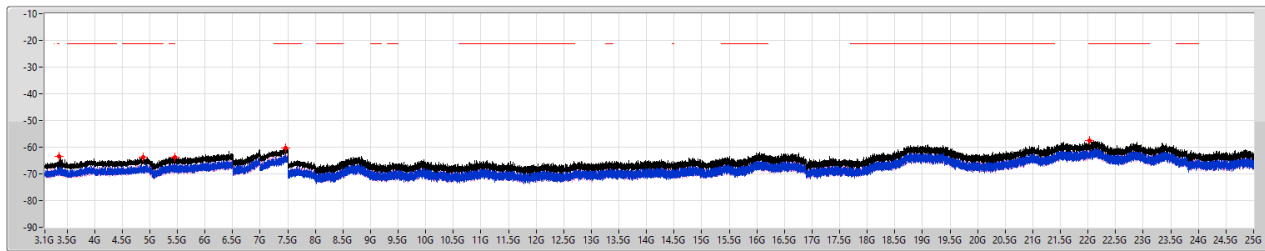
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [PK]

2437MHz

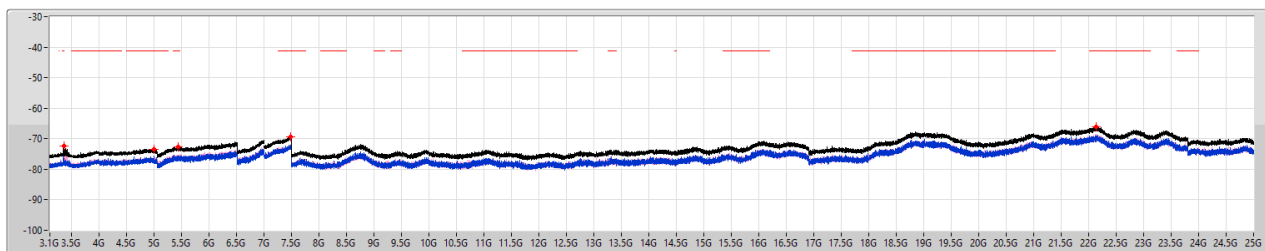


F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.3511G	-63.39	-64.88	-68.77
4G	5G	1M	PK	4.676G	-63.72	-67.24	-66.27
5G	7G	1M	PK	5.452G	-63.78	-65.61	-68.43
7G	8G	1M	PK	7.4635G	-60.17	-62.77	-63.64
8G	25G	1M	PK	22.03084G	-57.65	-61.49	-59.96

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [AV]

2437MHz



F.Start(Hz)	F.Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.352G	-72.43	-76.57	-74.54
4G	5G	1M	AV	4.9975G	-73.43	-75.74	-77.27
5G	7G	1M	AV	5.436G	-72.55	-75.75	-75.38
7G	8G	1M	AV	7.482G	-69.27	-72.07	-72.50
8G	25G	1M	AV	22.13178G	-66.09	-69.55	-68.69



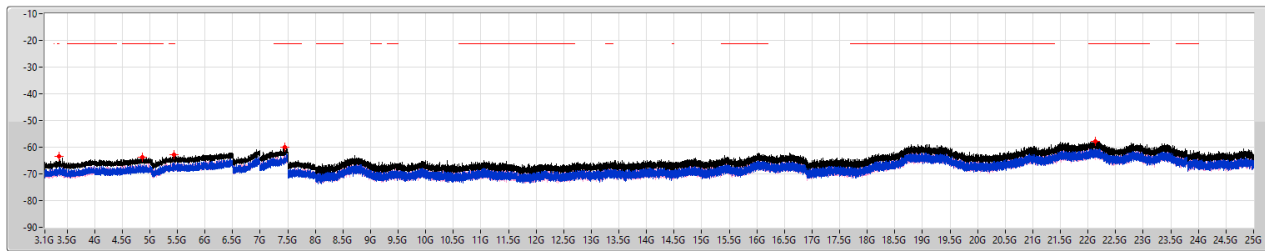
Unwanted Conducted Emissions into Restricted Frequency Bands (3.1GHz~25GHz)

Appendix D.3

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [PK]

2452MHz

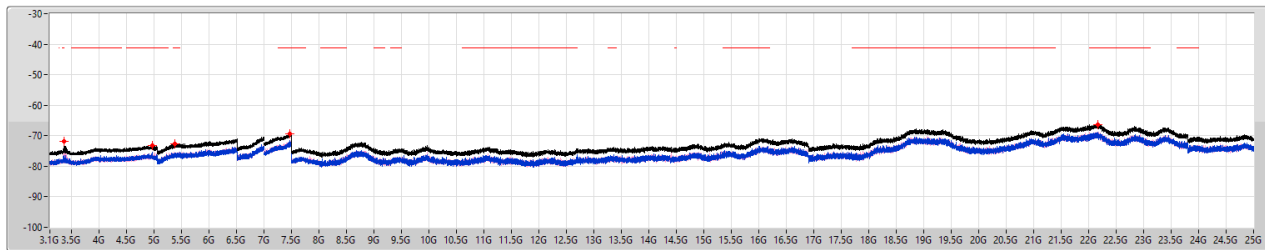


F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	PK	3.3511G	-63.59	-66.47	-66.74
4G	5G	1M	PK	4.868G	-63.86	-67.06	-66.69
5G	7G	1M	PK	5.433G	-62.92	-65.74	-66.12
7G	8G	1M	PK	7.4415G	-60.11	-63.47	-62.80
8G	25G	1M	PK	22.13444G	-57.79	-60.89	-60.71

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSE [AV]

2452MHz



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	Psum(dBm)	P1(dBm)	P2(dBm)
3.1G	4G	1M	AV	3.35245G	-71.89	-76.35	-73.82
4G	5G	1M	AV	4.958G	-73.10	-75.46	-76.87
5G	7G	1M	AV	5.371G	-72.72	-75.74	-75.73
7G	8G	1M	AV	7.4615G	-69.34	-71.68	-73.15
8G	25G	1M	AV	22.17109G	-66.24	-68.83	-69.72



Unwanted Emissions (Below 1GHz)

Modulation	ax HE20	Test Freq. (MHz)	2437																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung_ Temperature(°C):23 Humidity(%):67																																																																									
Level (dBuV/m) CLASS-B Frequency (MHz) <table><thead><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></thead><tbody><tr><td>1</td><td>50.37</td><td>24.19</td><td>40.00</td><td>-15.81</td><td>32.43</td><td>-8.24</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>171.62</td><td>26.68</td><td>43.50</td><td>-16.82</td><td>35.92</td><td>-9.24</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>264.74</td><td>28.00</td><td>46.00</td><td>-18.00</td><td>37.32</td><td>-9.32</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>340.40</td><td>37.87</td><td>46.00</td><td>-8.13</td><td>44.81</td><td>-6.94</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>358.83</td><td>36.57</td><td>46.00</td><td>-9.43</td><td>43.08</td><td>-6.51</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>378.23</td><td>37.25</td><td>46.00</td><td>-8.75</td><td>42.95</td><td>-5.70</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></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	50.37	24.19	40.00	-15.81	32.43	-8.24	Peak	---	---	2	171.62	26.68	43.50	-16.82	35.92	-9.24	Peak	---	---	3	264.74	28.00	46.00	-18.00	37.32	-9.32	Peak	---	---	4	340.40	37.87	46.00	-8.13	44.81	-6.94	Peak	---	---	5	358.83	36.57	46.00	-9.43	43.08	-6.51	Peak	---	---	6	378.23	37.25	46.00	-8.75	42.95	-5.70	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	50.37	24.19	40.00	-15.81	32.43	-8.24	Peak	---	---																																																																
2	171.62	26.68	43.50	-16.82	35.92	-9.24	Peak	---	---																																																																
3	264.74	28.00	46.00	-18.00	37.32	-9.32	Peak	---	---																																																																
4	340.40	37.87	46.00	-8.13	44.81	-6.94	Peak	---	---																																																																
5	358.83	36.57	46.00	-9.43	43.08	-6.51	Peak	---	---																																																																
6	378.23	37.25	46.00	-8.75	42.95	-5.70	Peak	---	---																																																																



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):23 Humidity(%):67																																																																									
<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>30.97</td><td>26.68</td><td>40.00</td><td>-13.32</td><td>36.31</td><td>-9.63</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>47.46</td><td>29.13</td><td>40.00</td><td>-10.87</td><td>37.51</td><td>-8.38</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>66.86</td><td>29.20</td><td>40.00</td><td>-10.80</td><td>39.61</td><td>-10.41</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>340.40</td><td>36.58</td><td>46.00</td><td>-9.42</td><td>43.52</td><td>-6.94</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>358.83</td><td>34.97</td><td>46.00</td><td>-11.03</td><td>41.48</td><td>-6.51</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>378.23</td><td>36.10</td><td>46.00</td><td>-9.90</td><td>41.80</td><td>-5.70</td><td>Peak</td><td>---</td><td>---</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	30.97	26.68	40.00	-13.32	36.31	-9.63	Peak	---	---	2	47.46	29.13	40.00	-10.87	37.51	-8.38	Peak	---	---	3	66.86	29.20	40.00	-10.80	39.61	-10.41	Peak	---	---	4	340.40	36.58	46.00	-9.42	43.52	-6.94	Peak	---	---	5	358.83	34.97	46.00	-11.03	41.48	-6.51	Peak	---	---	6	378.23	36.10	46.00	-9.90	41.80	-5.70	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																																																																
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Unwanted Emission (Above 1GHz) for 11b

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) <			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2412																																																																						
Polarization	Vertical																																																																								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																																									
<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>27.93</td><td>54.00</td><td>-26.07</td><td>27.03</td><td>0.90</td><td>Average</td><td>100</td><td>45</td></tr><tr><td>2</td><td>4824.00</td><td>40.87</td><td>74.00</td><td>-33.13</td><td>39.97</td><td>0.90</td><td>Peak</td><td>100</td><td>45</td></tr><tr><td>3</td><td>5000.00</td><td>47.55</td><td>54.00</td><td>-6.45</td><td>46.39</td><td>1.16</td><td>Average</td><td>186</td><td>43</td></tr><tr><td>4</td><td>5000.00</td><td>50.94</td><td>74.00</td><td>-23.06</td><td>49.78</td><td>1.16</td><td>Peak</td><td>186</td><td>43</td></tr><tr><td>5</td><td>12060.00</td><td>36.67</td><td>54.00</td><td>-17.33</td><td>28.15</td><td>8.52</td><td>Average</td><td>100</td><td>314</td></tr><tr><td>6</td><td>12060.00</td><td>49.66</td><td>74.00</td><td>-24.34</td><td>41.14</td><td>8.52</td><td>Peak</td><td>100</td><td>314</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	27.93	54.00	-26.07	27.03	0.90	Average	100	45	2	4824.00	40.87	74.00	-33.13	39.97	0.90	Peak	100	45	3	5000.00	47.55	54.00	-6.45	46.39	1.16	Average	186	43	4	5000.00	50.94	74.00	-23.06	49.78	1.16	Peak	186	43	5	12060.00	36.67	54.00	-17.33	28.15	8.52	Average	100	314	6	12060.00	49.66	74.00	-24.34	41.14	8.52	Peak	100	314
	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	27.93	54.00	-26.07	27.03	0.90	Average	100	45																																																																
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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-Peak Value																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
Level (dBuV/m) <table><thead><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></thead><tbody><tr><td>1</td><td>4874.00</td><td>41.44</td><td>74.00</td><td>-32.56</td><td>40.52</td><td>0.92</td><td>Peak</td><td>100</td><td>303</td></tr><tr><td>2</td><td>5000.00</td><td>54.11</td><td>74.00</td><td>-19.89</td><td>52.95</td><td>1.16</td><td>Peak</td><td>164</td><td>71</td></tr><tr><td>3</td><td>7311.00</td><td>46.17</td><td>74.00</td><td>-27.83</td><td>39.54</td><td>6.63</td><td>Peak</td><td>100</td><td>314</td></tr></tbody></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).					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	4874.00	41.44	74.00	-32.56	40.52	0.92	Peak	100	303	2	5000.00	54.11	74.00	-19.89	52.95	1.16	Peak	164	71	3	7311.00	46.17	74.00	-27.83	39.54	6.63	Peak	100	314
	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	4874.00	41.44	74.00	-32.56	40.52	0.92	Peak	100	303																																		
2	5000.00	54.11	74.00	-19.89	52.95	1.16	Peak	164	71																																		
3	7311.00	46.17	74.00	-27.83	39.54	6.63	Peak	100	314																																		



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2437																																								
Polarization	Horizontal-Average Value																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
<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>4874.00</td><td>30.32</td><td>54.00</td><td>-23.68</td><td>29.40</td><td>0.92</td><td>Average</td><td>100</td><td>303</td></tr><tr><td>2</td><td>5000.00</td><td>52.48</td><td>54.00</td><td>-1.52</td><td>51.32</td><td>1.16</td><td>Average</td><td>164</td><td>71</td></tr><tr><td>3</td><td>7311.00</td><td>33.10</td><td>54.00</td><td>-20.90</td><td>26.47</td><td>6.63</td><td>Average</td><td>100</td><td>314</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	4874.00	30.32	54.00	-23.68	29.40	0.92	Average	100	303	2	5000.00	52.48	54.00	-1.52	51.32	1.16	Average	164	71	3	7311.00	33.10	54.00	-20.90	26.47	6.63	Average	100	314
	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	4874.00	30.32	54.00	-23.68	29.40	0.92	Average	100	303																																		
2	5000.00	52.48	54.00	-1.52	51.32	1.16	Average	164	71																																		
3	7311.00	33.10	54.00	-20.90	26.47	6.63	Average	100	314																																		
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	Vertical-Peak Value																																										
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																											
Level (dBuV/m) Frequency (MHz) <table><thead><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></thead><tbody><tr><td>1</td><td>4874.00</td><td>42.34</td><td>74.00</td><td>-31.66</td><td>41.42</td><td>0.92</td><td>Peak</td><td>100</td><td>249</td></tr><tr><td>2</td><td>5000.00</td><td>50.96</td><td>74.00</td><td>-23.04</td><td>49.80</td><td>1.16</td><td>Peak</td><td>146</td><td>71</td></tr><tr><td>3</td><td>7311.00</td><td>45.83</td><td>74.00</td><td>-28.17</td><td>39.20</td><td>6.63</td><td>Peak</td><td>100</td><td>316</td></tr></tbody></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).					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	4874.00	42.34	74.00	-31.66	41.42	0.92	Peak	100	249	2	5000.00	50.96	74.00	-23.04	49.80	1.16	Peak	146	71	3	7311.00	45.83	74.00	-28.17	39.20	6.63	Peak	100	316
	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	4874.00	42.34	74.00	-31.66	41.42	0.92	Peak	100	249																																		
2	5000.00	50.96	74.00	-23.04	49.80	1.16	Peak	146	71																																		
3	7311.00	45.83	74.00	-28.17	39.20	6.63	Peak	100	316																																		



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11b	Test Freq. (MHz)	2437																																								
Polarization	Vertical -Average Value																																										
Test By :Akun Chung_ Temperature(°C):25 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>4874.00</td><td>29.39</td><td>54.00</td><td>-24.61</td><td>28.47</td><td>0.92</td><td>Average</td><td>100</td><td>249</td></tr><tr><td>2</td><td>5000.00</td><td>48.04</td><td>54.00</td><td>-5.96</td><td>46.88</td><td>1.16</td><td>Average</td><td>146</td><td>71</td></tr><tr><td>3</td><td>7311.00</td><td>33.19</td><td>54.00</td><td>-20.81</td><td>26.56</td><td>6.63</td><td>Average</td><td>100</td><td>316</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	4874.00	29.39	54.00	-24.61	28.47	0.92	Average	100	249	2	5000.00	48.04	54.00	-5.96	46.88	1.16	Average	146	71	3	7311.00	33.19	54.00	-20.81	26.56	6.63	Average	100	316
	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	4874.00	29.39	54.00	-24.61	28.47	0.92	Average	100	249																																		
2	5000.00	48.04	54.00	-5.96	46.88	1.16	Average	146	71																																		
3	7311.00	33.19	54.00	-20.81	26.56	6.63	Average	100	316																																		
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)	2462
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
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):25 Humidity(%):62																																																																									
<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>4924.00</td><td>27.91</td><td>54.00</td><td>-26.09</td><td>26.93</td><td>0.98</td><td>Average</td><td>100</td><td>45</td></tr><tr><td>2</td><td>4924.00</td><td>40.85</td><td>74.00</td><td>-33.15</td><td>39.87</td><td>0.98</td><td>Peak</td><td>100</td><td>45</td></tr><tr><td>3</td><td>5000.00</td><td>47.59</td><td>54.00</td><td>-6.41</td><td>46.43</td><td>1.16</td><td>Average</td><td>151</td><td>61</td></tr><tr><td>4</td><td>5000.00</td><td>50.83</td><td>74.00</td><td>-23.17</td><td>49.67</td><td>1.16</td><td>Peak</td><td>151</td><td>61</td></tr><tr><td>5</td><td>7386.00</td><td>32.99</td><td>54.00</td><td>-21.01</td><td>26.56</td><td>6.43</td><td>Average</td><td>100</td><td>112</td></tr><tr><td>6</td><td>7386.00</td><td>45.76</td><td>74.00</td><td>-28.24</td><td>39.33</td><td>6.43</td><td>Peak</td><td>100</td><td>112</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	4924.00	27.91	54.00	-26.09	26.93	0.98	Average	100	45	2	4924.00	40.85	74.00	-33.15	39.87	0.98	Peak	100	45	3	5000.00	47.59	54.00	-6.41	46.43	1.16	Average	151	61	4	5000.00	50.83	74.00	-23.17	49.67	1.16	Peak	151	61	5	7386.00	32.99	54.00	-21.01	26.56	6.43	Average	100	112	6	7386.00	45.76	74.00	-28.24	39.33	6.43	Peak	100	112
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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5	7386.00	32.99	54.00	-21.01	26.56	6.43	Average	100	112																																																																
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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 Emissions (Above 1GHz) for 11g

Modulation	11g	Test Freq. (MHz)	2412
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
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):25 Humidity(%):62																																																																									
<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>28.66</td><td>54.00</td><td>-25.34</td><td>27.76</td><td>0.90</td><td>Average</td><td>100</td><td>358</td></tr><tr><td>2</td><td>4824.00</td><td>40.28</td><td>74.00</td><td>-33.72</td><td>39.38</td><td>0.90</td><td>Peak</td><td>100</td><td>358</td></tr><tr><td>3</td><td>5000.00</td><td>48.34</td><td>54.00</td><td>-5.66</td><td>47.18</td><td>1.16</td><td>Average</td><td>343</td><td>227</td></tr><tr><td>4</td><td>5000.00</td><td>50.97</td><td>74.00</td><td>-23.03</td><td>49.81</td><td>1.16</td><td>Peak</td><td>343</td><td>227</td></tr><tr><td>5</td><td>12060.00</td><td>36.90</td><td>54.00</td><td>-17.10</td><td>28.38</td><td>8.52</td><td>Average</td><td>100</td><td>31</td></tr><tr><td>6</td><td>12060.00</td><td>48.54</td><td>74.00</td><td>-25.46</td><td>40.02</td><td>8.52</td><td>Peak</td><td>100</td><td>31</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	28.66	54.00	-25.34	27.76	0.90	Average	100	358	2	4824.00	40.28	74.00	-33.72	39.38	0.90	Peak	100	358	3	5000.00	48.34	54.00	-5.66	47.18	1.16	Average	343	227	4	5000.00	50.97	74.00	-23.03	49.81	1.16	Peak	343	227	5	12060.00	36.90	54.00	-17.10	28.38	8.52	Average	100	31	6	12060.00	48.54	74.00	-25.46	40.02	8.52	Peak	100	31
	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	28.66	54.00	-25.34	27.76	0.90	Average	100	358																																																																
2	4824.00	40.28	74.00	-33.72	39.38	0.90	Peak	100	358																																																																
3	5000.00	48.34	54.00	-5.66	47.18	1.16	Average	343	227																																																																
4	5000.00	50.97	74.00	-23.03	49.81	1.16	Peak	343	227																																																																
5	12060.00	36.90	54.00	-17.10	28.38	8.52	Average	100	31																																																																
6	12060.00	48.54	74.00	-25.46	40.02	8.52	Peak	100	31																																																																
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	11g	Test Freq. (MHz)	2437
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) <			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	11g	Test Freq. (MHz)	2437																																																																						
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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2	4874.00	40.81	74.00	-33.19	39.89	0.92	Peak	100	36																																																																
3	5000.00	48.09	54.00	-5.91	46.93	1.16	Average	349	197																																																																
4	5000.00	50.77	74.00	-23.23	49.61	1.16	Peak	349	197																																																																
5	7311.00	33.04	54.00	-20.96	26.41	6.63	Average	100	345																																																																
6	7311.00	46.31	74.00	-27.69	39.68	6.63	Peak	100	345																																																																
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	11g	Test Freq. (MHz)	2462																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																																									
<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>4924.00</td><td>27.73</td><td>54.00</td><td>-26.27</td><td>26.75</td><td>0.98</td><td>Average</td><td>100</td><td>192</td></tr><tr><td>2</td><td>4924.00</td><td>41.59</td><td>74.00</td><td>-32.41</td><td>40.61</td><td>0.98</td><td>Peak</td><td>100</td><td>192</td></tr><tr><td>3</td><td>5000.00</td><td>52.41</td><td>54.00</td><td>-1.59</td><td>51.25</td><td>1.16</td><td>Average</td><td>183</td><td>69</td></tr><tr><td>4</td><td>5000.00</td><td>54.38</td><td>74.00</td><td>-19.62</td><td>53.22</td><td>1.16</td><td>Peak</td><td>183</td><td>69</td></tr><tr><td>5</td><td>7386.00</td><td>33.06</td><td>54.00</td><td>-20.94</td><td>26.63</td><td>6.43</td><td>Average</td><td>100</td><td>61</td></tr><tr><td>6</td><td>7386.00</td><td>47.05</td><td>74.00</td><td>-26.95</td><td>40.62</td><td>6.43</td><td>Peak</td><td>100</td><td>61</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	4924.00	27.73	54.00	-26.27	26.75	0.98	Average	100	192	2	4924.00	41.59	74.00	-32.41	40.61	0.98	Peak	100	192	3	5000.00	52.41	54.00	-1.59	51.25	1.16	Average	183	69	4	5000.00	54.38	74.00	-19.62	53.22	1.16	Peak	183	69	5	7386.00	33.06	54.00	-20.94	26.63	6.43	Average	100	61	6	7386.00	47.05	74.00	-26.95	40.62	6.43	Peak	100	61
	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	4924.00	27.73	54.00	-26.27	26.75	0.98	Average	100	192																																																																
2	4924.00	41.59	74.00	-32.41	40.61	0.98	Peak	100	192																																																																
3	5000.00	52.41	54.00	-1.59	51.25	1.16	Average	183	69																																																																
4	5000.00	54.38	74.00	-19.62	53.22	1.16	Peak	183	69																																																																
5	7386.00	33.06	54.00	-20.94	26.63	6.43	Average	100	61																																																																
6	7386.00	47.05	74.00	-26.95	40.62	6.43	Peak	100	61																																																																
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	11g	Test Freq. (MHz)	2462
Polarization	Vertical		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
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):25 Humidity(%):62			
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):25 Humidity(%):62																																																																									
<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>28.38</td><td>54.00</td><td>-25.62</td><td>27.48</td><td>0.90</td><td>Average</td><td>100</td><td>347</td></tr><tr><td>2</td><td>4824.00</td><td>40.26</td><td>74.00</td><td>-33.74</td><td>39.36</td><td>0.90</td><td>Peak</td><td>100</td><td>347</td></tr><tr><td>3</td><td>5000.00</td><td>47.82</td><td>54.00</td><td>-6.18</td><td>46.66</td><td>1.16</td><td>Average</td><td>336</td><td>228</td></tr><tr><td>4</td><td>5000.00</td><td>50.83</td><td>74.00</td><td>-23.17</td><td>49.67</td><td>1.16</td><td>Peak</td><td>336</td><td>228</td></tr><tr><td>5</td><td>12060.00</td><td>36.79</td><td>54.00</td><td>-17.21</td><td>28.27</td><td>8.52</td><td>Average</td><td>100</td><td>116</td></tr><tr><td>6</td><td>12060.00</td><td>48.66</td><td>74.00</td><td>-25.34</td><td>40.14</td><td>8.52</td><td>Peak</td><td>100</td><td>116</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	28.38	54.00	-25.62	27.48	0.90	Average	100	347	2	4824.00	40.26	74.00	-33.74	39.36	0.90	Peak	100	347	3	5000.00	47.82	54.00	-6.18	46.66	1.16	Average	336	228	4	5000.00	50.83	74.00	-23.17	49.67	1.16	Peak	336	228	5	12060.00	36.79	54.00	-17.21	28.27	8.52	Average	100	116	6	12060.00	48.66	74.00	-25.34	40.14	8.52	Peak	100	116
	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	28.38	54.00	-25.62	27.48	0.90	Average	100	347																																																																
2	4824.00	40.26	74.00	-33.74	39.36	0.90	Peak	100	347																																																																
3	5000.00	47.82	54.00	-6.18	46.66	1.16	Average	336	228																																																																
4	5000.00	50.83	74.00	-23.17	49.67	1.16	Peak	336	228																																																																
5	12060.00	36.79	54.00	-17.21	28.27	8.52	Average	100	116																																																																
6	12060.00	48.66	74.00	-25.34	40.14	8.52	Peak	100	116																																																																
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	ax HE20	Test Freq. (MHz)	2437																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																																									
<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>4874.00</td><td>27.85</td><td>54.00</td><td>-26.15</td><td>26.93</td><td>0.92</td><td>Average</td><td>100</td><td>169</td></tr><tr><td>2</td><td>4874.00</td><td>41.41</td><td>74.00</td><td>-32.59</td><td>40.49</td><td>0.92</td><td>Peak</td><td>100</td><td>169</td></tr><tr><td>3</td><td>5000.00</td><td>52.44</td><td>54.00</td><td>-1.56</td><td>51.28</td><td>1.16</td><td>Average</td><td>192</td><td>67</td></tr><tr><td>4</td><td>5000.00</td><td>54.31</td><td>74.00</td><td>-19.69</td><td>53.15</td><td>1.16</td><td>Peak</td><td>192</td><td>67</td></tr><tr><td>5</td><td>7311.00</td><td>33.01</td><td>54.00</td><td>-20.99</td><td>26.38</td><td>6.63</td><td>Average</td><td>100</td><td>214</td></tr><tr><td>6</td><td>7311.00</td><td>46.04</td><td>74.00</td><td>-27.96</td><td>39.41</td><td>6.63</td><td>Peak</td><td>100</td><td>214</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	4874.00	27.85	54.00	-26.15	26.93	0.92	Average	100	169	2	4874.00	41.41	74.00	-32.59	40.49	0.92	Peak	100	169	3	5000.00	52.44	54.00	-1.56	51.28	1.16	Average	192	67	4	5000.00	54.31	74.00	-19.69	53.15	1.16	Peak	192	67	5	7311.00	33.01	54.00	-20.99	26.38	6.63	Average	100	214	6	7311.00	46.04	74.00	-27.96	39.41	6.63	Peak	100	214
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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3	5000.00	52.44	54.00	-1.56	51.28	1.16	Average	192	67																																																																
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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	ax HE20	Test Freq. (MHz)	2437																																																																						
Polarization	Vertical																																																																								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																																									
<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>4874.00</td><td>27.79</td><td>54.00</td><td>-26.21</td><td>26.87</td><td>0.92</td><td>Average</td><td>100</td><td>110</td></tr><tr><td>2</td><td>4874.00</td><td>40.84</td><td>74.00</td><td>-33.16</td><td>39.92</td><td>0.92</td><td>Peak</td><td>100</td><td>110</td></tr><tr><td>3</td><td>5000.00</td><td>48.06</td><td>54.00</td><td>-5.94</td><td>46.90</td><td>1.16</td><td>Average</td><td>197</td><td>84</td></tr><tr><td>4</td><td>5000.00</td><td>51.07</td><td>74.00</td><td>-22.93</td><td>49.91</td><td>1.16</td><td>Peak</td><td>197</td><td>84</td></tr><tr><td>5</td><td>7311.00</td><td>33.01</td><td>54.00</td><td>-20.99</td><td>26.38</td><td>6.63</td><td>Average</td><td>100</td><td>355</td></tr><tr><td>6</td><td>7311.00</td><td>46.35</td><td>74.00</td><td>-27.65</td><td>39.72</td><td>6.63</td><td>Peak</td><td>100</td><td>355</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	4874.00	27.79	54.00	-26.21	26.87	0.92	Average	100	110	2	4874.00	40.84	74.00	-33.16	39.92	0.92	Peak	100	110	3	5000.00	48.06	54.00	-5.94	46.90	1.16	Average	197	84	4	5000.00	51.07	74.00	-22.93	49.91	1.16	Peak	197	84	5	7311.00	33.01	54.00	-20.99	26.38	6.63	Average	100	355	6	7311.00	46.35	74.00	-27.65	39.72	6.63	Peak	100	355
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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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	ax HE20	Test Freq. (MHz)	2462
Polarization	Horizontal		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
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):25 Humidity(%):62			
Level (dBuV/m) <			



Unwanted Emissions (Above 1GHz) for ax HE40

Modulation	ax HE40	Test Freq. (MHz)	2422																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																																									
<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>4844.00</td><td>28.11</td><td>54.00</td><td>-25.89</td><td>27.20</td><td>0.91</td><td>Average</td><td>100</td><td>233</td></tr><tr><td>2</td><td>4844.00</td><td>41.22</td><td>74.00</td><td>-32.78</td><td>40.31</td><td>0.91</td><td>Peak</td><td>100</td><td>233</td></tr><tr><td>3</td><td>5000.00</td><td>52.46</td><td>54.00</td><td>-1.54</td><td>51.30</td><td>1.16</td><td>Average</td><td>206</td><td>72</td></tr><tr><td>4</td><td>5000.00</td><td>54.31</td><td>74.00</td><td>-19.69</td><td>53.15</td><td>1.16</td><td>Peak</td><td>206</td><td>72</td></tr><tr><td>5</td><td>7266.00</td><td>33.68</td><td>54.00</td><td>-20.32</td><td>27.13</td><td>6.55</td><td>Average</td><td>100</td><td>323</td></tr><tr><td>6</td><td>7266.00</td><td>46.34</td><td>74.00</td><td>-27.66</td><td>39.79</td><td>6.55</td><td>Peak</td><td>100</td><td>323</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	4844.00	28.11	54.00	-25.89	27.20	0.91	Average	100	233	2	4844.00	41.22	74.00	-32.78	40.31	0.91	Peak	100	233	3	5000.00	52.46	54.00	-1.54	51.30	1.16	Average	206	72	4	5000.00	54.31	74.00	-19.69	53.15	1.16	Peak	206	72	5	7266.00	33.68	54.00	-20.32	27.13	6.55	Average	100	323	6	7266.00	46.34	74.00	-27.66	39.79	6.55	Peak	100	323
	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	4844.00	28.11	54.00	-25.89	27.20	0.91	Average	100	233																																																																
2	4844.00	41.22	74.00	-32.78	40.31	0.91	Peak	100	233																																																																
3	5000.00	52.46	54.00	-1.54	51.30	1.16	Average	206	72																																																																
4	5000.00	54.31	74.00	-19.69	53.15	1.16	Peak	206	72																																																																
5	7266.00	33.68	54.00	-20.32	27.13	6.55	Average	100	323																																																																
6	7266.00	46.34	74.00	-27.66	39.79	6.55	Peak	100	323																																																																
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	ax HE40	Test Freq. (MHz)	2422																																																																						
Polarization	Vertical																																																																								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																																									
<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>4844.00</td><td>28.17</td><td>54.00</td><td>-25.83</td><td>27.26</td><td>0.91</td><td>Average</td><td>100</td><td>27</td></tr><tr><td>2</td><td>4844.00</td><td>40.19</td><td>74.00</td><td>-33.81</td><td>39.28</td><td>0.91</td><td>Peak</td><td>100</td><td>27</td></tr><tr><td>3</td><td>5000.00</td><td>48.21</td><td>54.00</td><td>-5.79</td><td>47.05</td><td>1.16</td><td>Average</td><td>196</td><td>76</td></tr><tr><td>4</td><td>5000.00</td><td>51.01</td><td>74.00</td><td>-22.99</td><td>49.85</td><td>1.16</td><td>Peak</td><td>196</td><td>76</td></tr><tr><td>5</td><td>7266.00</td><td>34.82</td><td>54.00</td><td>-19.18</td><td>28.27</td><td>6.55</td><td>Average</td><td>100</td><td>217</td></tr><tr><td>6</td><td>7266.00</td><td>46.15</td><td>74.00</td><td>-27.85</td><td>39.60</td><td>6.55</td><td>Peak</td><td>100</td><td>217</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	4844.00	28.17	54.00	-25.83	27.26	0.91	Average	100	27	2	4844.00	40.19	74.00	-33.81	39.28	0.91	Peak	100	27	3	5000.00	48.21	54.00	-5.79	47.05	1.16	Average	196	76	4	5000.00	51.01	74.00	-22.99	49.85	1.16	Peak	196	76	5	7266.00	34.82	54.00	-19.18	28.27	6.55	Average	100	217	6	7266.00	46.15	74.00	-27.85	39.60	6.55	Peak	100	217
	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	4844.00	28.17	54.00	-25.83	27.26	0.91	Average	100	27																																																																
2	4844.00	40.19	74.00	-33.81	39.28	0.91	Peak	100	27																																																																
3	5000.00	48.21	54.00	-5.79	47.05	1.16	Average	196	76																																																																
4	5000.00	51.01	74.00	-22.99	49.85	1.16	Peak	196	76																																																																
5	7266.00	34.82	54.00	-19.18	28.27	6.55	Average	100	217																																																																
6	7266.00	46.15	74.00	-27.85	39.60	6.55	Peak	100	217																																																																
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	ax HE40	Test Freq. (MHz)	2437																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																																									
<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>4874.00</td><td>27.79</td><td>54.00</td><td>-26.21</td><td>26.87</td><td>0.92</td><td>Average</td><td>100</td><td>180</td></tr><tr><td>2</td><td>4874.00</td><td>41.07</td><td>74.00</td><td>-32.93</td><td>40.15</td><td>0.92</td><td>Peak</td><td>100</td><td>180</td></tr><tr><td>3</td><td>5000.00</td><td>52.48</td><td>54.00</td><td>-1.52</td><td>51.32</td><td>1.16</td><td>Average</td><td>197</td><td>74</td></tr><tr><td>4</td><td>5000.00</td><td>54.39</td><td>74.00</td><td>-19.61</td><td>53.23</td><td>1.16</td><td>Peak</td><td>197</td><td>74</td></tr><tr><td>5</td><td>7311.00</td><td>33.11</td><td>54.00</td><td>-20.89</td><td>26.48</td><td>6.63</td><td>Average</td><td>100</td><td>243</td></tr><tr><td>6</td><td>7311.00</td><td>46.00</td><td>74.00</td><td>-28.00</td><td>39.37</td><td>6.63</td><td>Peak</td><td>100</td><td>243</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	4874.00	27.79	54.00	-26.21	26.87	0.92	Average	100	180	2	4874.00	41.07	74.00	-32.93	40.15	0.92	Peak	100	180	3	5000.00	52.48	54.00	-1.52	51.32	1.16	Average	197	74	4	5000.00	54.39	74.00	-19.61	53.23	1.16	Peak	197	74	5	7311.00	33.11	54.00	-20.89	26.48	6.63	Average	100	243	6	7311.00	46.00	74.00	-28.00	39.37	6.63	Peak	100	243
	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	4874.00	27.79	54.00	-26.21	26.87	0.92	Average	100	180																																																																
2	4874.00	41.07	74.00	-32.93	40.15	0.92	Peak	100	180																																																																
3	5000.00	52.48	54.00	-1.52	51.32	1.16	Average	197	74																																																																
4	5000.00	54.39	74.00	-19.61	53.23	1.16	Peak	197	74																																																																
5	7311.00	33.11	54.00	-20.89	26.48	6.63	Average	100	243																																																																
6	7311.00	46.00	74.00	-28.00	39.37	6.63	Peak	100	243																																																																
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	ax HE40	Test Freq. (MHz)	2437
Polarization	Vertical		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m)			



Unwanted Radiated Emissions into Restricted Frequency Bands

Appendix D.4

Modulation	ax HE40	Test Freq. (MHz)	2452																																																																						
Polarization	Horizontal																																																																								
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62																																																																									
<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>4904.00</td><td>28.25</td><td>54.00</td><td>-25.75</td><td>27.31</td><td>0.94</td><td>Average</td><td>100</td><td>148</td></tr><tr><td>2</td><td>4904.00</td><td>40.70</td><td>74.00</td><td>-33.30</td><td>39.76</td><td>0.94</td><td>Peak</td><td>100</td><td>148</td></tr><tr><td>3</td><td>5000.00</td><td>52.43</td><td>54.00</td><td>-1.57</td><td>51.27</td><td>1.16</td><td>Average</td><td>185</td><td>69</td></tr><tr><td>4</td><td>5000.00</td><td>54.39</td><td>74.00</td><td>-19.61</td><td>53.23</td><td>1.16</td><td>Peak</td><td>185</td><td>69</td></tr><tr><td>5</td><td>7356.00</td><td>33.05</td><td>54.00</td><td>-20.95</td><td>26.53</td><td>6.52</td><td>Average</td><td>100</td><td>101</td></tr><tr><td>6</td><td>7356.00</td><td>46.54</td><td>74.00</td><td>-27.46</td><td>40.02</td><td>6.52</td><td>Peak</td><td>100</td><td>101</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	4904.00	28.25	54.00	-25.75	27.31	0.94	Average	100	148	2	4904.00	40.70	74.00	-33.30	39.76	0.94	Peak	100	148	3	5000.00	52.43	54.00	-1.57	51.27	1.16	Average	185	69	4	5000.00	54.39	74.00	-19.61	53.23	1.16	Peak	185	69	5	7356.00	33.05	54.00	-20.95	26.53	6.52	Average	100	101	6	7356.00	46.54	74.00	-27.46	40.02	6.52	Peak	100	101
	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	4904.00	28.25	54.00	-25.75	27.31	0.94	Average	100	148																																																																
2	4904.00	40.70	74.00	-33.30	39.76	0.94	Peak	100	148																																																																
3	5000.00	52.43	54.00	-1.57	51.27	1.16	Average	185	69																																																																
4	5000.00	54.39	74.00	-19.61	53.23	1.16	Peak	185	69																																																																
5	7356.00	33.05	54.00	-20.95	26.53	6.52	Average	100	101																																																																
6	7356.00	46.54	74.00	-27.46	40.02	6.52	Peak	100	101																																																																
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

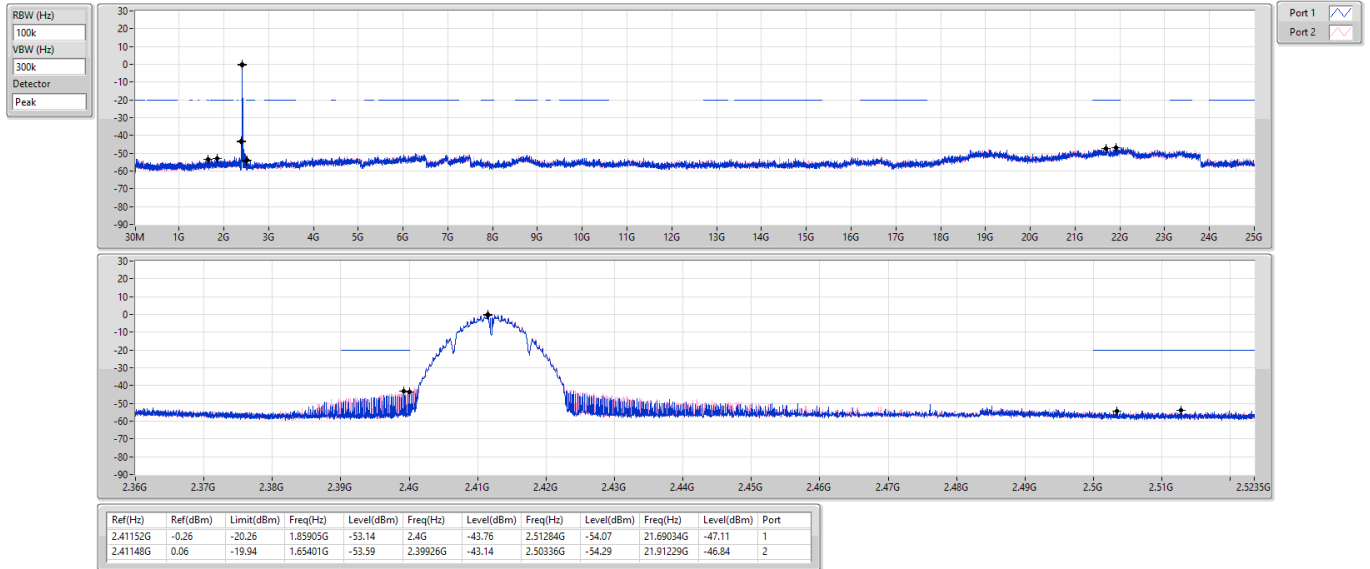
Modulation	ax HE40	Test Freq. (MHz)	2452
Polarization	Vertical		
Test By :Akun Chung_ Temperature(°C):25 Humidity(%):62			
Level (dBuV/m) </			



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

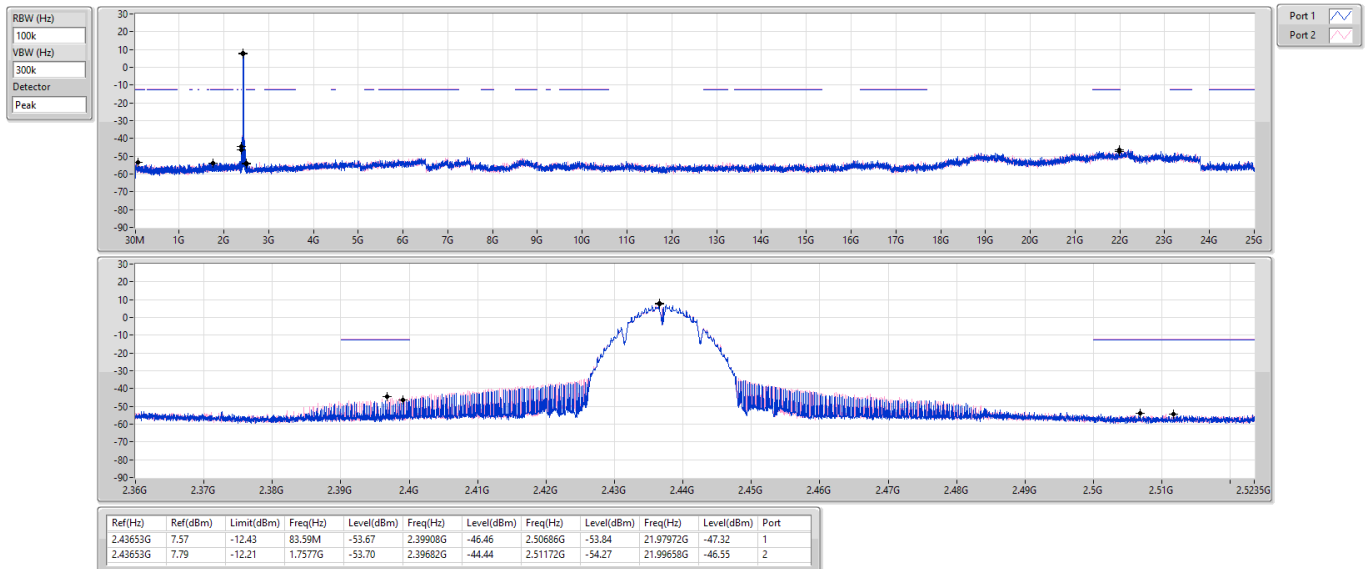
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

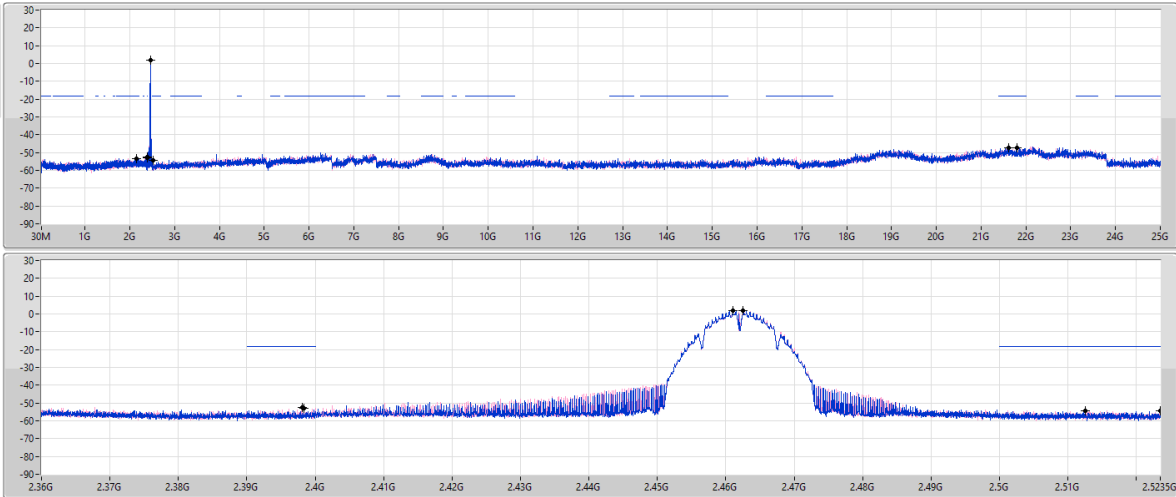


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2462MHz

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



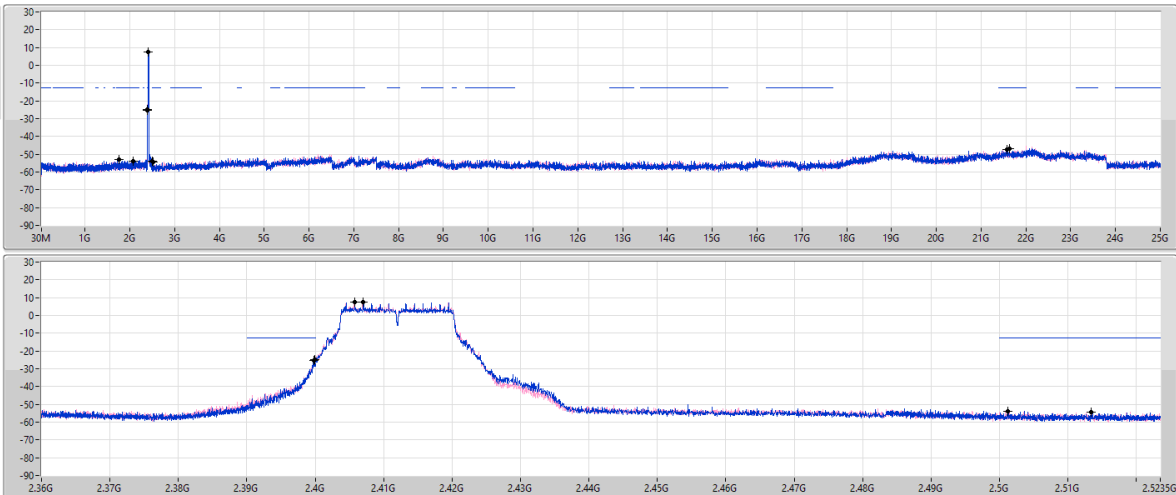
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2.46104G	1.83	-18.17	2.5147G	-53.22	2.39834G	-53.12	2.51258G	-54.42	21.79429G	-47.30	1
2.46254G	1.77	-18.23	2.14215G	-53.43	2.39806G	-52.45	2.52346G	-54.23	21.61167G	-47.39	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

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



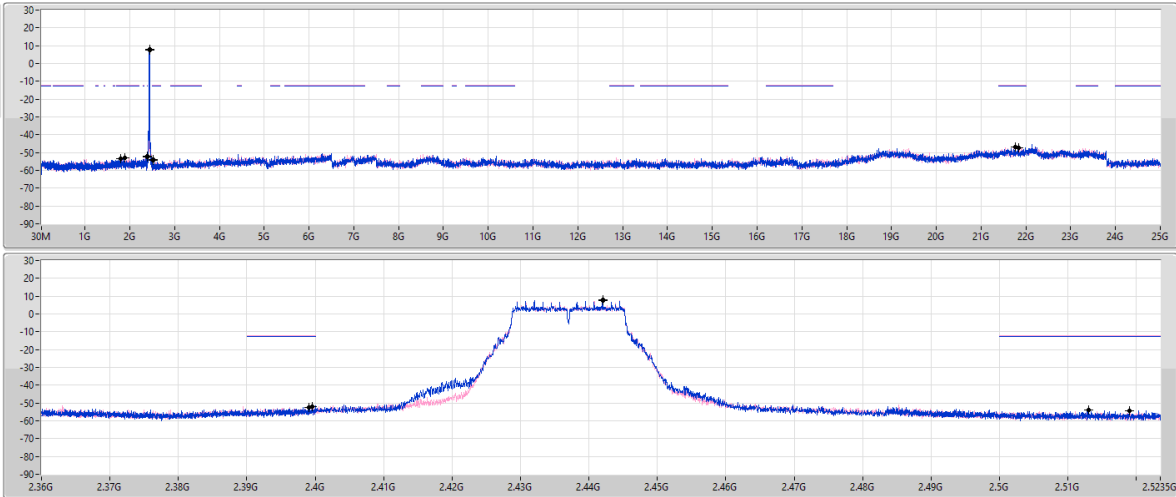
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2.40576G	7.50	-12.50	1.76702G	-53.10	2.39998G	-25.01	2.50128G	-54.09	21.63695G	-47.10	1
2.40697G	7.44	-12.56	2.07574G	-53.99	2.39982G	-25.33	2.51338G	-54.27	21.58357G	-47.44	2

2.4-2.4835GHz_802.11g_(6Mbps)_2TX

CSEndB

2437MHz

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



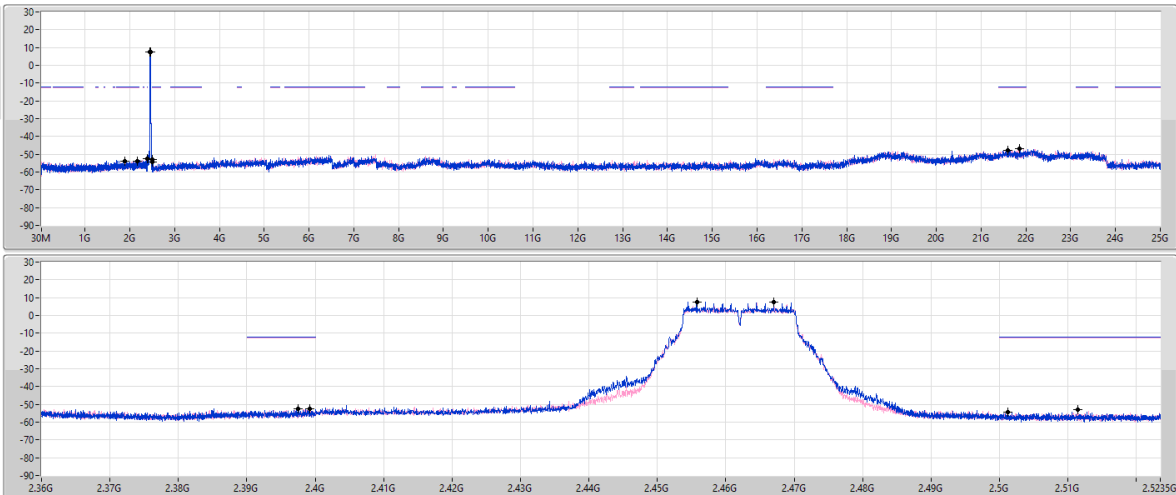
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2.442G	7.36	-12.64	1.894G	-52.92	2.3996G	-52.05	2.51298G	-53.92	21.75776G	-46.70	1
2.442G	7.83	-12.17	1.79498G	-53.25	2.39904G	-52.36	2.51894G	-54.17	21.84205G	-47.47	2

2.4-2.4835GHz_802.11g_(6Mbps)_2TX

CSEndB

2462MHz

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



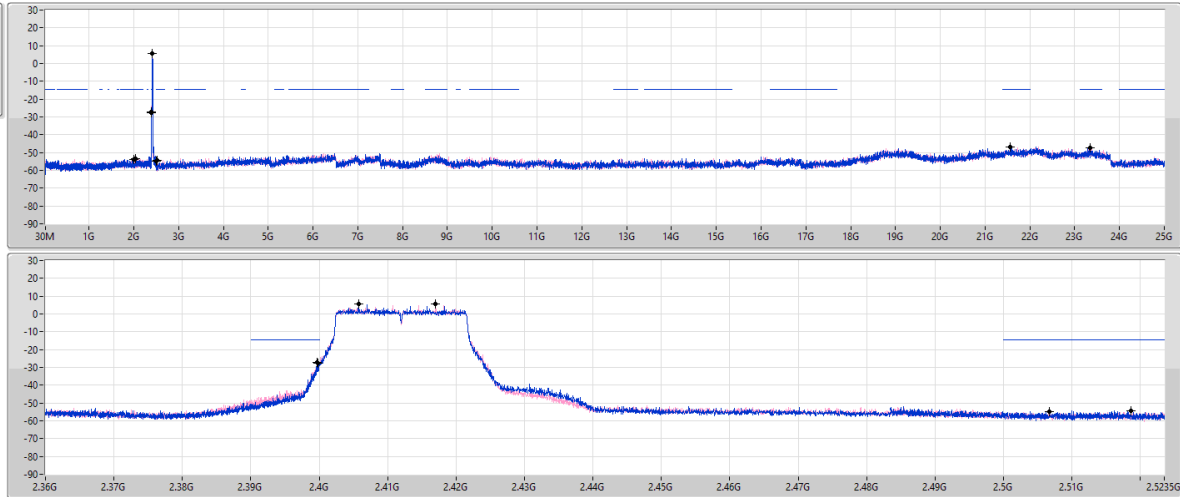
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45578G	7.62	-12.38	1.894G	-53.89	2.39752G	-52.29	2.50124G	-54.42	21.59762G	-47.82	1
2.46701G	7.45	-12.55	2.17593G	-53.86	2.39924G	-52.29	2.5115G	-53.02	21.86172G	-46.94	2

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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



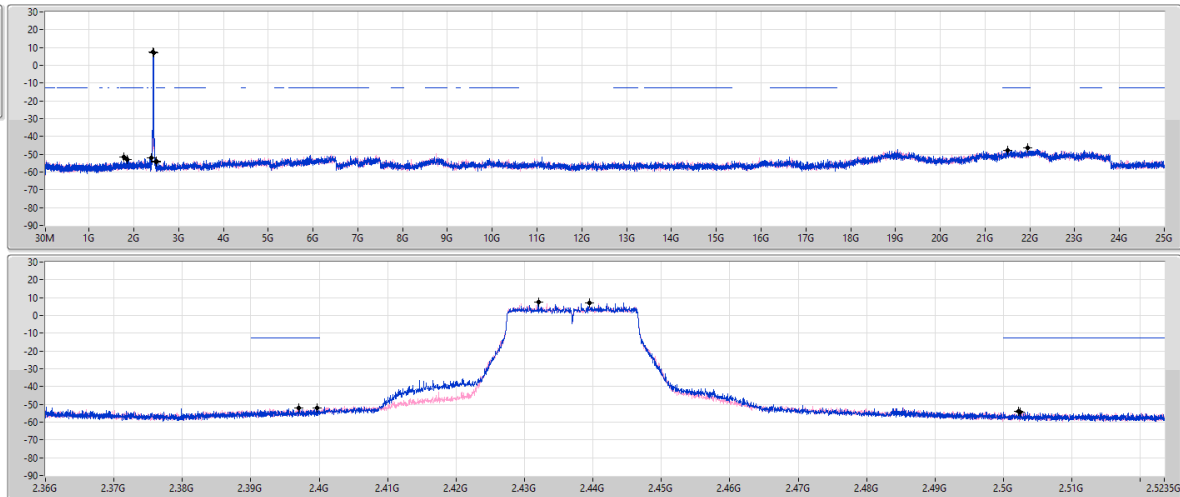
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40572G	5.41	-14.59	2.03846G	-53.58	2.39984G	-27.61	2.51858G	-54.32	23.34798G	-47.22	1
2.41699G	5.63	-14.37	2.00934G	-53.82	2.39968G	-27.37	2.50674G	-54.91	21.5611G	-47.10	2

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2437MHz

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43202G	7.28	-12.72	1.86138G	-53.05	2.39988G	-52.16	2.50218G	-54.12	21.95724G	-46.47	1
2.4395G	7.21	-12.79	1.77983G	-51.44	2.397G	-51.92	2.50238G	-54.20	21.50771G	-47.73	2

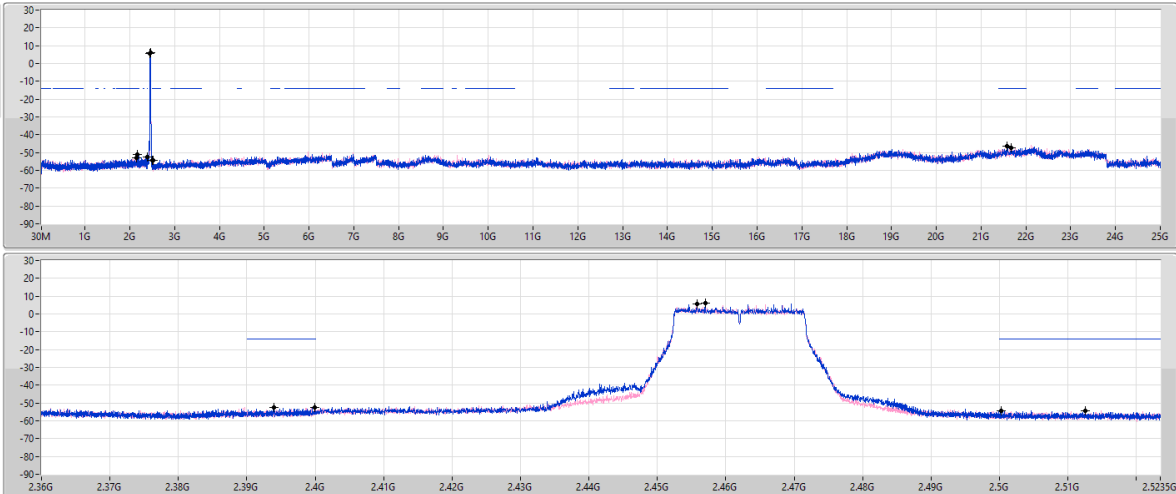


2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2462MHz

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



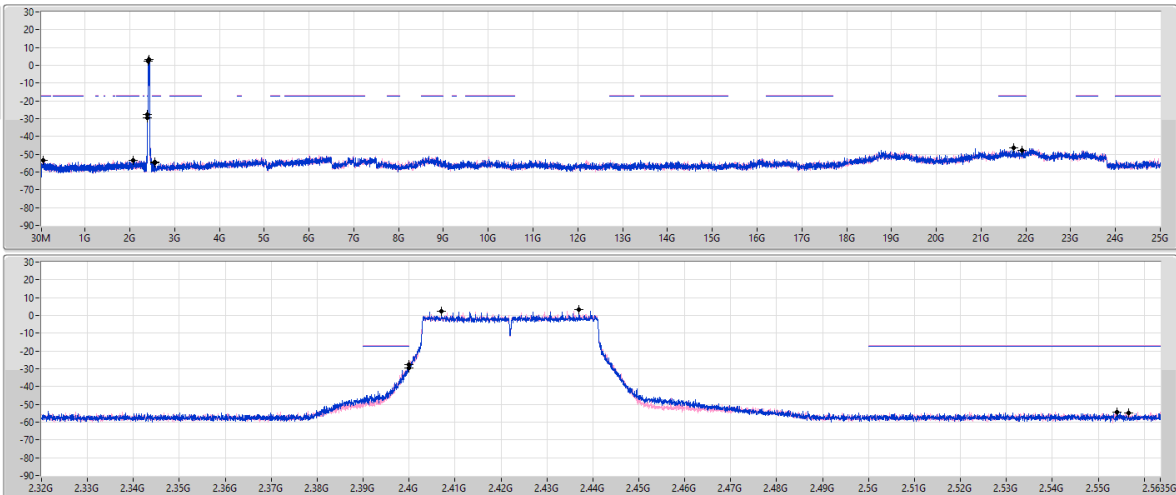
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45699G	5.88	-14.12	2.14448G	-53.06	2.39999G	-52.66	2.5002G	-54.33	21.67629G	-47.21	1
2.45578G	5.85	-14.15	2.16312G	-51.18	2.39394G	-52.55	2.51252G	-54.30	21.57795G	-46.34	2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40701G	2.53	-17.47	2.08413G	-53.24	2.4G	-29.38	2.55666G	-54.75	21.72147G	-46.46	1
2.43703G	3.21	-16.79	70.08M	-53.38	2.39999G	-27.75	2.55402G	-54.15	21.91498G	-47.68	2

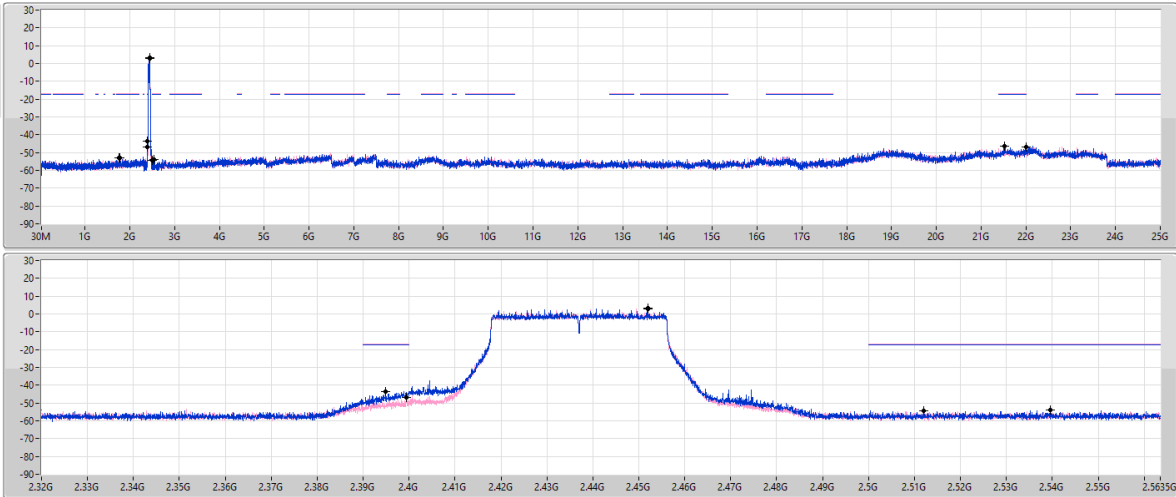


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSEndB

2437MHz

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



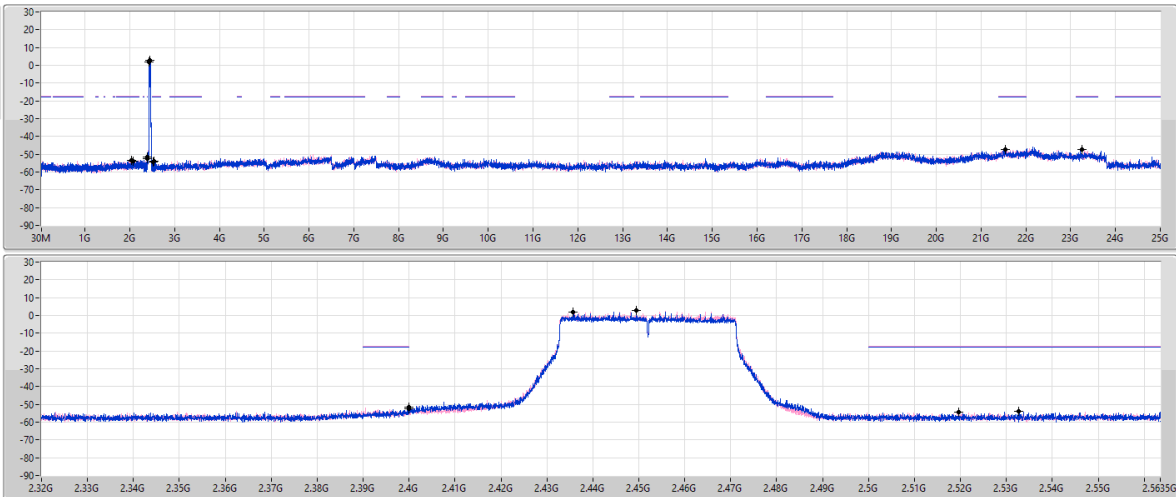
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45202G	2.63	-17.37	1.78643G	-53.01	2.39496G	-43.45	2.53962G	-53.85	21.52515G	-46.29	1
2.45202G	3.33	-16.67	1.7801G	-52.98	2.3994G	-46.66	2.51206G	-54.29	22.00753G	-46.90	2

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

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



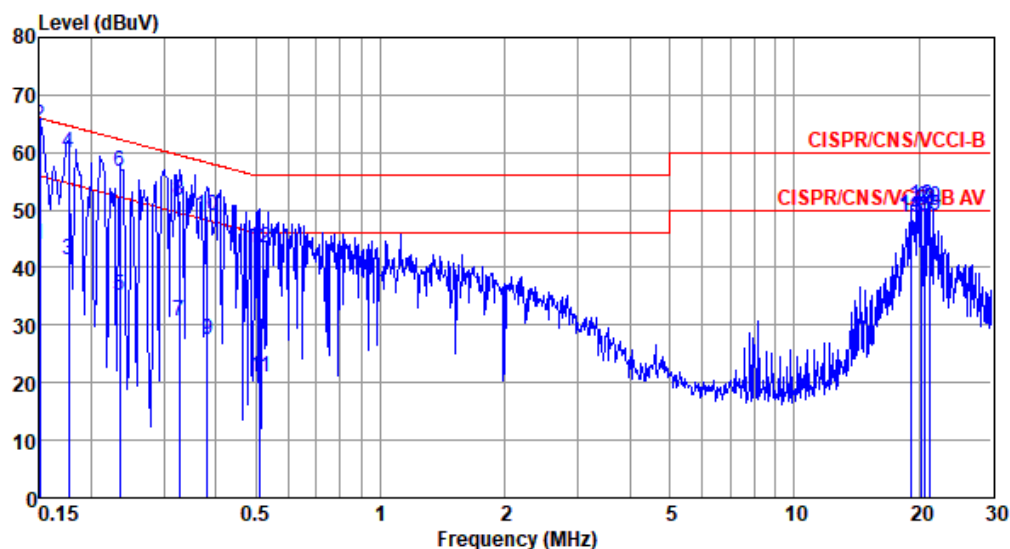
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	2.09	-17.91	2.07497G	-53.70	2.39998G	-52.60	2.53262G	-54.03	23.24434G	-47.23	1
2.44952G	2.65	-17.35	2.03604G	-53.61	2.4G	-51.47	2.5197G	-54.55	21.53356G	-47.52	2

Modulation Mode	ax HE20	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Akun Chung

Temperature: 25°C

Humidity: 65%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	43.89	56.00	-12.11	34.21	9.65	0.03	0.00	Average
2	0.150	64.66	66.00	-1.34	54.98	9.65	0.03	0.00	QP
3	0.177	41.33	54.64	-13.31	31.65	9.64	0.04	0.00	Average
4	0.177	59.85	64.64	-4.79	50.17	9.64	0.04	0.00	QP
5	0.234	35.09	52.30	-17.21	25.41	9.64	0.04	0.00	Average
6	0.234	56.80	62.30	-5.50	47.12	9.64	0.04	0.00	QP
7	0.327	30.82	49.53	-18.71	21.14	9.64	0.04	0.00	Average
8	0.327	51.69	59.53	-7.84	42.01	9.64	0.04	0.00	QP
9	0.381	27.49	48.25	-20.76	17.81	9.64	0.04	0.00	Average
10	0.381	49.13	58.25	-9.12	39.45	9.64	0.04	0.00	QP
11	0.513	21.04	46.00	-24.96	11.35	9.64	0.05	0.00	Average
12	0.513	43.31	56.00	-12.69	33.62	9.64	0.05	0.00	QP
13	19.199	48.72	50.00	-1.28	38.71	9.71	0.30	0.00	Average
14	19.199	49.14	60.00	-10.86	39.13	9.71	0.30	0.00	QP
15	20.200	48.82	50.00	-1.18	38.80	9.71	0.31	0.00	Average
16	20.200	50.66	60.00	-9.34	40.64	9.71	0.31	0.00	QP
17	20.600	48.81	50.00	-1.19	38.79	9.71	0.31	0.00	Average
18	20.600	50.10	60.00	-9.90	40.08	9.71	0.31	0.00	QP
19*	21.200	48.90	50.00	-1.10	38.88	9.71	0.31	0.00	Average
20	21.200	50.53	60.00	-9.47	40.51	9.71	0.31	0.00	QP

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

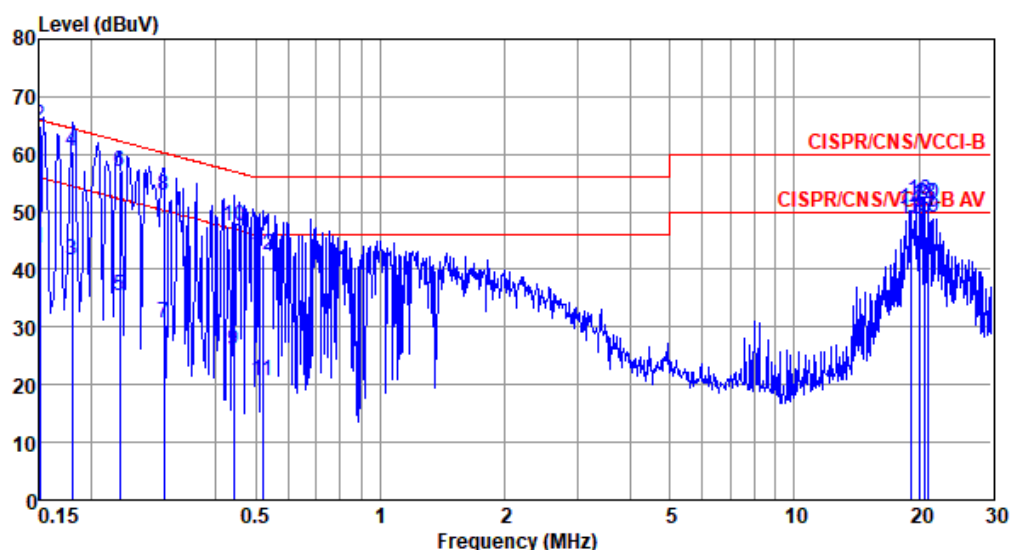
2: Over Limit (dB) = Level (dBUV) – Limit Line (dBUV).

Modulation Mode	ax HE20	Test Freq. (MHz)	2437
Power Phase	Neutral		

Test by : Akun Chung

Temperature: 25°C

Humidity: 65%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.150	43.70	56.00	-12.30	34.03	9.64	0.03	0.00	Average
2	0.150	64.88	66.00	-1.12	55.21	9.64	0.03	0.00	QP
3	0.180	41.50	54.50	-13.00	31.81	9.65	0.04	0.00	Average
4	0.180	60.61	64.50	-3.89	50.92	9.65	0.04	0.00	QP
5	0.234	35.32	52.30	-16.98	25.63	9.65	0.04	0.00	Average
6	0.234	56.87	62.30	-5.43	47.18	9.65	0.04	0.00	QP
7	0.300	30.65	50.24	-19.59	20.97	9.64	0.04	0.00	Average
8	0.300	52.80	60.24	-7.44	43.12	9.64	0.04	0.00	QP
9	0.442	25.88	47.02	-21.14	16.20	9.64	0.04	0.00	Average
10	0.442	47.54	57.02	-9.48	37.86	9.64	0.04	0.00	QP
11	0.518	20.78	46.00	-25.22	11.09	9.64	0.05	0.00	Average
12	0.518	42.65	56.00	-13.35	32.96	9.64	0.05	0.00	QP
13	19.059	48.85	50.00	-1.15	38.74	9.81	0.30	0.00	Average
14	19.059	50.38	60.00	-9.62	40.27	9.81	0.30	0.00	QP
15	20.061	48.98	50.00	-1.02	38.86	9.81	0.31	0.00	Average
16	20.061	52.00	60.00	-8.00	41.88	9.81	0.31	0.00	QP
17*	20.654	48.99	50.00	-1.01	38.87	9.81	0.31	0.00	Average
18	20.654	51.28	60.00	-8.72	41.16	9.81	0.31	0.00	QP
19	21.062	48.97	50.00	-1.03	38.85	9.81	0.31	0.00	Average
20	21.062	51.39	60.00	-8.61	41.27	9.81	0.31	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).