FCC Test Report

FCC ID	:	**TVE-3111BB056**
Equipment	:	**Secured Wireless Access Point**
Brand Name	:	**FORTINET**
Model Name	:	**FortiAP U431Fxxxxxx, FAP-U431Fxxxxxx, FORTIAP-U431Fxxxxxx FortiAP U433Fxxxxxx, FAP-U433Fxxxxxx, FORTIAP-U433Fxxxxxx (where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)**
Applicant	:	**Fortinet, Inc. 899 Kifer Road, Sunnyvale, CA 94086, USA**
Manufacturer	:	**Universal Global Scientific Industrial Co., Ltd 141, Lane 351, Sec. 1, Taiping Road, Tsaotuen, Nantou 54261, Taiwan**
Standard	:	**47 CFR FCC Part 15.247**

The product was received on Mar. 11, 2019, and testing was started from Apr. 20, 2019 and completed on May 17, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Allen Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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

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History of this test report

Report No.	Version	Description	Issued Date
FR931106AC	01	Initial issue of report	May 27, 2019

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	FCC 15.203
3.1	15.207	AC Power-line Conducted Emissions	PASS	FCC 15.207
3.2	15.247(a)	DTS Bandwidth	PASS	≥500kHz
3.3	15.247(b)	Maximum Conducted Output Power	PASS	Power [dBm]: 30
3.4	15.247(e)	Power Spectral Density	PASS	PSD [dBm/3kHz]: 8
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	Non-Restricted Bands: > 30 dBc
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	Restricted Bands: FCC 15.209

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:
None

Reviewed by: Jackson Tsai

Report Producer: Debby Hung

1 General Description

1.1 Information

The EUT has three radio chip.

Function	Radio 1	Radio 2	Radio 3
WiFi 2.4G	X	V	V
WiFi 5G	V	V	V (Only RX)
Bluetooth	X	X	V

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), ac (VHT20), ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), ac (VHT40), ax (HEW40)	2422-2452	3-9 [7]

<Non-Beamforming>

Band	Mode	BWch (MHz)	Nant	
			Radio 2	Radio 3
2.4-2.4835GHz	802.11b	20	4TX	2TX
2.4-2.4835GHz	802.11g	20	4TX	2TX
2.4-2.4835GHz	VHT20	20	4TX	2TX
2.4-2.4835GHz	VHT40	40	4TX	2TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX	-
2.4-2.4835GHz	802.11ax HEW40	40	4TX	-

<Beamforming>

Band	Mode	BWch (MHz)	Nant
			Radio 2
2.4-2.4835GHz	VHT20-BF	20	4TX
2.4-2.4835GHz	VHT40-BF	40	4TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	4TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.
- The resource unit of HEW 20, HEW 40 only support full loading.

1.1.2 Antenna Information

Model: FAP-U433F

Ant.	Radio	Brand	Model Name	Antenna Type	Connector
1-4	1	ARISTOTLE	RFA-05-C53-U-B32C255	Dipole Antenna	Reversed-SMA
5-8	2	ARISTOTLE	RFA-25-C53-U-B32C255	Dipole Antenna	Reversed-SMA
9-10	3	ARISTOTLE	RFA-25-C53-U-B32C255	Dipole Antenna	Reversed-SMA
11	3	ARISTOTLE	RFA-BT-G402-79-200	PIFA Antenna	IPEX

Ant.	Gain (dBi)			
	Radio 1	Radio 2 & Radio 3		Radio 3
	5G	2.4G	5G	BT
1-4	4.3	-	-	-
5-8	-	3.5	5.0	-
9-10	-	3.5	5.0	-
11	-	-	-	3.0

Model: FAP-U431F

Ant.	Radio	Brand	Model Name	Antenna Type	Connector
1-4	1	ARISTOTLE	RFA-9953	PIFA Antenna	IPEX
5-8	2	ARISTOTLE	RFA-9953	PIFA Antenna	IPEX
9-10	3	ARISTOTLE	RFA-9953	PIFA Antenna	IPEX
11	3	ARISTOTLE	RFA-BT-G402-79-200	PIFA Antenna	IPEX

Ant.	Gain (dBi)			
	Radio 1	Radio 2 & Radio 3		Radio 3
	5G	2.4G	5G	BT
1-4	6.0	-	-	-
5-8	-	4.0	6.0	-
9-10	-	4.0	6.0	-
11	-	-	-	3.0

Ant.	BF Gain (dBi)
	Radio 1 & 2
-	6.02

Directional gain = $G_{ANT\ MAX}$ + 10 log(N_{ANT}/N_{SS}) dBi, where N_{SS} = the number of independent spatial streams of data and $G_{ANT\ MAX}$ is.the gain of the antenna having the highest gain (in dBi).

For 2.4GHz function:

For IEEE 802.11 b/g/n/ac/ax mode

Radio 2 : Ant. 5 to Ant. 8 could transmit/receive simultaneously. (4TX/4RX)

Radio 3 : Ant. 9 and Ant. 10 could transmit/receive simultaneously.(2TX/2RX)

For 5GHz function:

For IEEE 802.11 a/n/ac/ax mode

Radio 1 : Ant. 1 to Ant. 4 could transmit/receive simultaneously. (4TX/4RX)

Radio 2 : Ant. 5 to Ant. 8 could transmit/receive simultaneously. (4TX/4RX)

Radio 3 : Ant. 9 and Ant. 10 could transmit/receive simultaneously. (2RX)

For Bluetooth function:

For IEEE 802.15.1 Bluetooth mode

Radio 3 : Ant. 11 could transmit/receive simultaneously. (1TX/1RX)

1.1.3 EUT Information

Operational Condition						
EUT Power Type	From AC Adapter					
EUT Function	☒	Point-to-multipoint	☐	Point-to-point		
Beamforming Function	☒	Radio 1	☒	Radio 2	☐	Radio 3

Type of EUT		
☒	Stand-alone	
☐	Combined (EUT where the radio part is fully integrated within another device)	
	Combined Equipment - Brand Name / Model No.:	…
☐	Plug-in radio (EUT intended for a variety of host systems)	
	Host System - Brand Name / Model No.:	…
☐	Other:	

1.1.4 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.957	0.19	12.42m	100
802.11g	0.953	0.21	2.066m	1k
VHT20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40	0.95	0.22	774.375u	3k
802.11ax HEW20	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.959	0.18	956.25u	3k

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Multiple Listing

Brand Name	Model Name	Description
FORTINET	FortiAP U431Fxxxxxx	Internal Antenna
	FAP-U431Fxxxxxx	
	FORTIAP-U431Fxxxxxx	
	FortiAP U433Fxxxxxx	External Antenna
	FAP-U433Fxxxxxx	
	FORTIAP-U433Fxxxxxx	

Notes: All the models are electrically identical, difference model names for marketing purpose.

1.2 Testing Applied Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- KDB 558074 D01 v05r02
- KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location			
☒	HWA YA	ADD : No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)	
		TEL : 886-3-327-3456	FAX : 886-3-327-0973
Test site Designation No. TW1190 with FCC.			
☐	JHUBEI	ADD : No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County, Taiwan (R.O.C.)	
		TEL : 886-3-656-9065	FAX : 886-3-656-9085
Test site Designation No. TW0006 with FCC.			

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Gary	23.1~26.6°C / 61~69%	07/May/2019~10/May/2019
Radiated	03CH02-HY	Daniel	21.6~23.5°C / 51.7~55.3%	20/Apr/2019~11/May/2019
AC Conduction	CO01-HY	Jeff	23.5~24.1°C / 53.6~57.5%	11/May/2019~17/May/2019

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.54 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	1.6 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.3 dB	Confidence levels of 95%
Temperature	0.7 ℃	Confidence levels of 95%
Humidity	4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Condition

RF Conducted	Abbreviation	Remark
TnomVnom	Tnom	20°C
-	Vnom	120V

2.2 Test Channel Mode

Radio 2

<Non-Beamforming>

Test Software Version	MTool 3.1.0.1

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	86
2417MHz	87
2437MHz	93
2457MHz	84
2462MHz	82
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	58
2417MHz	65
2437MHz	80
2457MHz	61
2462MHz	58
VHT20_Nss1,(MCS0)_4TX	-
2412MHz	51
2417MHz	59
2437MHz	73
2457MHz	57
2462MHz	48
VHT40_Nss1,(MCS0)_4TX	-
2422MHz	42
2427MHz	44
2437MHz	55
2447MHz	53
2452MHz	50
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	51

Mode	PowerSetting
2417MHz	59
2437MHz	73
2457MHz	57
2462MHz	48
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	42
2427MHz	44
2437MHz	55
2447MHz	53
2452MHz	50

<Beamforming>

Test Software Version	Dos

Mode	PowerSetting
VHT20-BF_Nss1,(MCS0)_4TX	-
2412MHz	52
2417MHz	64
2437MHz	76
2457MHz	61
2462MHz	54
VHT40-BF_Nss1,(MCS0)_4TX	-
2422MHz	54
2437MHz	54
2447MHz	54
2452MHz	52
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	52
2417MHz	64
2437MHz	76
2457MHz	61
2462MHz	54
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	54
2437MHz	54
2447MHz	54
2452MHz	52

Radio 3

<Non-Beamforming>

Test Software Version	MTool 3.1.0.1

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	78
2417MHz	83
2437MHz	86
2457MHz	85
2462MHz	82
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	59
2417MHz	65
2437MHz	81
2457MHz	66
2462MHz	62
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	60
2417MHz	66
2437MHz	79
2457MHz	66
2462MHz	53
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	50
2427MHz	51
2437MHz	61
2447MHz	55
2452MHz	54

2.3 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	CTX
Internal / External	1. Adapter mode ; Radio 2 ; 2.4G TX
	2. Adapter mode ; Radio 3 ; 2.4G TX
	3. Adapter mode ; Radio2 ; 2.4G BF

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests		
Tests Item	Emissions in Restricted Frequency Bands	
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.	
Operating Mode < 1GHz	CTX	
Internal / External	1. Adapter mode ; Radio 2 ; 2.4G TX	
	2. Adapter mode ; Radio 3 ; 2.4G TX	
	3. Adapter mode ; Radio2 ; 2.4G BF	
Operating Mode > 1GHz	CTX	
Orthogonal Planes of EUT	**Y Plane**	**Z Plane**
		
Worst Planes of EUT		V

2.4 Accessories and Support Equipment

Accessories				
AC Adapter	Brand Name	APD	Model Name	WA-30J12R
	Power Rating	I/P: 100 - 240Vac, 0.9 A, O/P: 12 Vdc, 2.5 A		
	Power Cord	1.50 meter, non-shielded cable, w/o ferrite core		

Reminder: Regarding to more detail and other information, please refer to user manual.

Support Equipment – RF Conducted				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5410	R33002 / DOC
2	Adapter for NB	DELL	HA65NM130	R35737 / DOC

Support Equipment – Radiated Emission				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	DOC
2	Client AP	FORTINET	FAP-U433F	DOC
3	Client AP	FORTINET	FAP-U431F	DOC

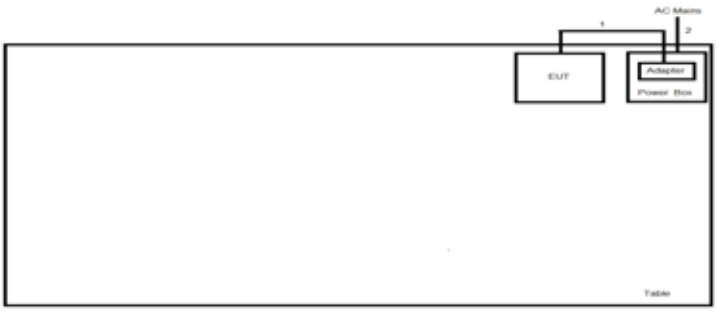
Note.Support equipment No.2,3 was provided by customer.

Support Equipment – AC Conduction				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E5530	DOC
2	Client AP	FORTINET	FAP-U433F	DOC
3	Client AP	FORTINET	FAP-U431F	DOC

Note.Support equipment No.2,3 was provided by customer.

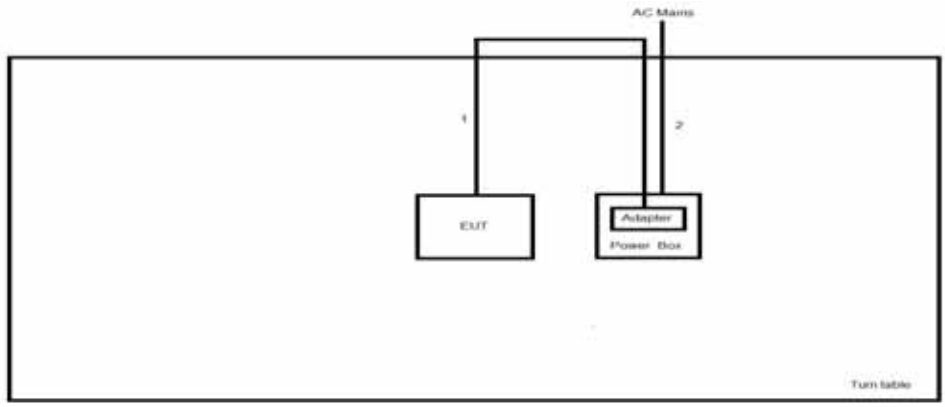
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.5	-
2	AC Power line	No	1.8	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	DC Power line	No	1.5	-
2	AC Power line	No	1.8	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line 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.		

3.1.2 Measuring Instruments

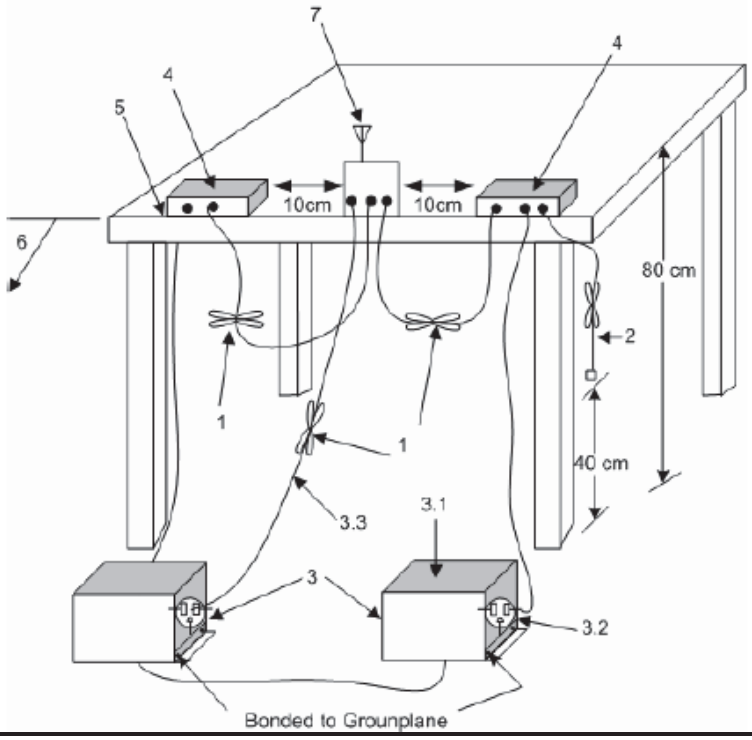
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

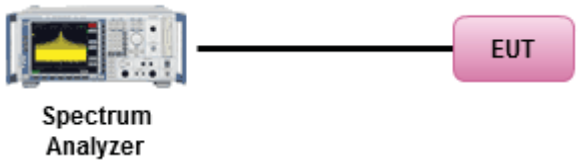
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
	☐ Refer as RSS-Gen, clause 6.7 for for occupied bandwidth testing.
	☐ Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit			
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)		
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm		
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm		
	▪ Smart antenna system (SAS):		
		- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
		- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm	
		- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm	
e.i.r.p. Power Limit:			
▪ 2400-2483.5 MHz Band			
	▪ Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)		
	▪ Point-to-point systems (P2P): $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX}])$ dBm		
	▪ Smart antenna system (SAS)		
		- Single beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm	
		- Overlap beam: $P_{eirp} \leq MAX(36, P_{Out} + G_{TX})$ dBm	
		- Aggregate power on all beams: $P_{eirp} \leq MAX(36, [P_{Out} + G_{TX} + 8])$ dBm	
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.			

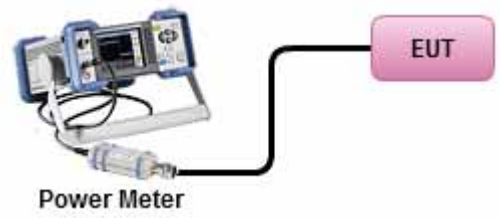
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 (11.9.1.2 of ANSI C63.10) integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.3 of ANSI C63.10) peak power meter.
▪ Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

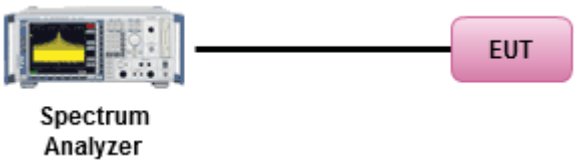
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).
☒ Refer as KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Method PKPSD.
▪ For conducted measurement.
▪ If The EUT supports multiple transmit chains using options given below:
▪ Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dB)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

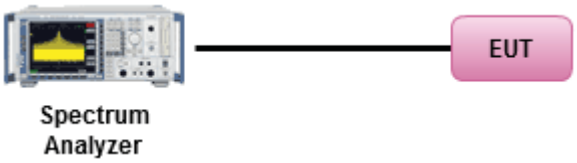
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

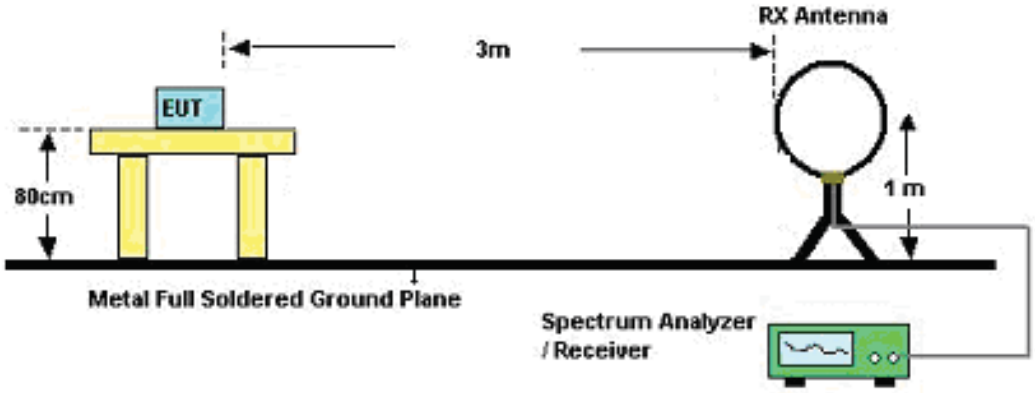
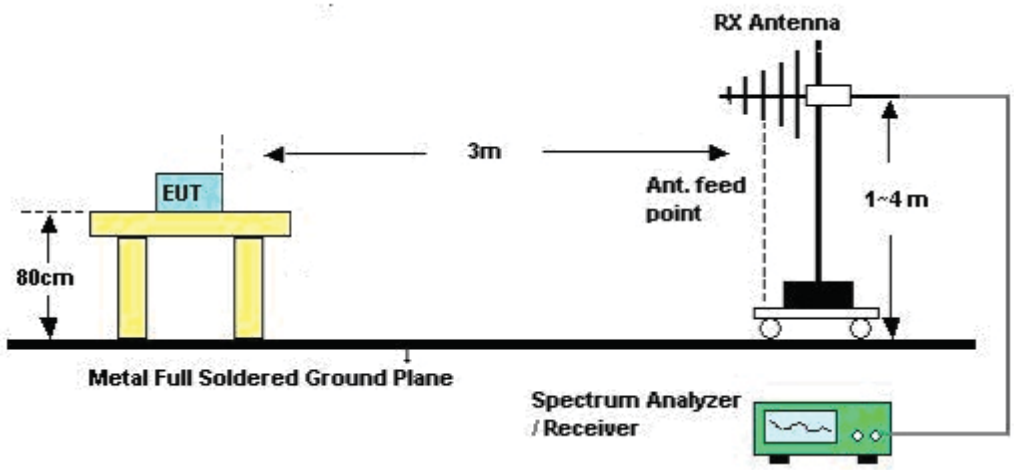
3.6.2 Measuring Instruments

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

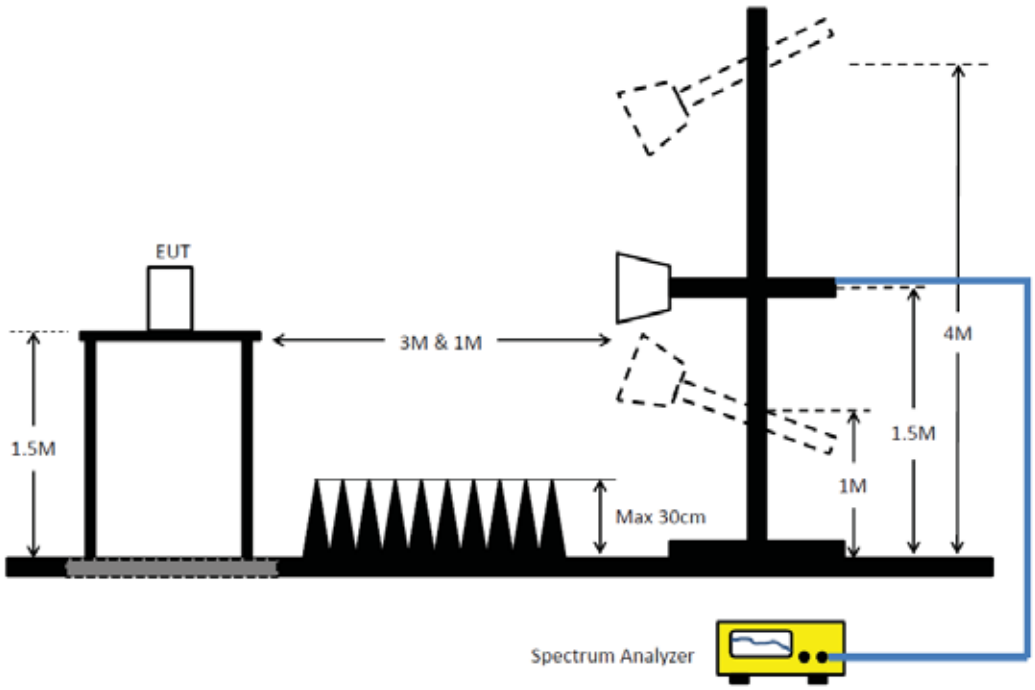
3.6.3 Test Procedures

Test Method	
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].	
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
▪ For the transmitter unwanted emissions shall be measured using following options below:	
	▪ Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
▪ For the transmitter band-edge emissions shall be measured using following options below:	
	▪ Refer as KDB 558074 clause 8.7.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.
	▪ Refer as KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	▪ Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).
▪ Use the following spectrum analyzer settings:	
	▪ Set RBW=100 kHz for f < 1 GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	▪ Set RBW = 1 MHz, VBW= 3MHz for f ≥ 1 GHz for peak measurement. For average measurement, refer as 1.1.4.

3.6.4 Test Setup

Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.6.5 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.6.6 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMC Receiver	R&S	ESR3	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
LISN	R&S	ENV 216	101274	9kHz ~ 30MHz	12/Jun/2018	11/Jun/2019
RF Cable-CON	MTJ	RG142	CB001-CO	9kHz ~ 30MHz	17/Sep/2018	16/Sep/2019
AC POWER	APC	AFC-11003G	F308010045	47Hz~63Hz 5~300V	NCR	NCR
Impuls Begrenzer Puls e Limiter	SCHWARZBEC K	VTSD 9561F	9495	9kHz ~ 30MHz	11/Oct/2018	10/Oct/2019

NCR : Non-Calibration Require

Instrument for Radiated Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	19/Oct/2018	18/Oct/2019
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz ~ 18GHz 3m	17/Oct/2018	16/Oct/2019
Amplifier	Agilent	8447D	2944A11149	100kHz ~ 1.3GHz	27Jul/2018	02/Jul/2019
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	23/Oct/2018	22/Oct/2019
Signal Analyzer	R&S	FSV40	101500	10Hz ~ 40GHz	18/Jul/2018	17/Jul/2019
RF Cable-R03m	Jye Bao	RG142	CB017	9kHz ~ 1GHz	26/Mar/2019	25/Mar/2020
RF Cable-high 6m	SUHNER	SUCOFLEX104	10567868 / SN805193/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
RF Cable-high 7m	SUHNER	SUCOFLEX104	10567868 / SN805192/4	1GHz~40GHz	09/Apr/2019	08/Apr/2020
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz ~ 1GHz	08/Sep/2018	07/Sep/2019
Preamplifier	MITEQ	TTA1840-35-HG	1864481	18GHz ~ 40GHz	24/Aug/2018	23/Aug/2019
EMI Test Receiver	R&S	ESR	102052	9kHz ~ 3.6GHz	09/Apr/2019	08/Apr/2020
Loop Antenna	TESEQ	HLA 6120	31244	9k-30MHz	15/Mar/2019	14/Mar/2020
Broadband Horn Antenna	SCHWARZBEC K	BBHA 9170	BBHA 9170221	15GHz ~ 40GHz	22/Mar/2019	21/Mar/2020
Double Ridged Guide Horn Antenna	SCHWARZBEC K	BBH 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	09/Mar/2019	08/Mar/2020

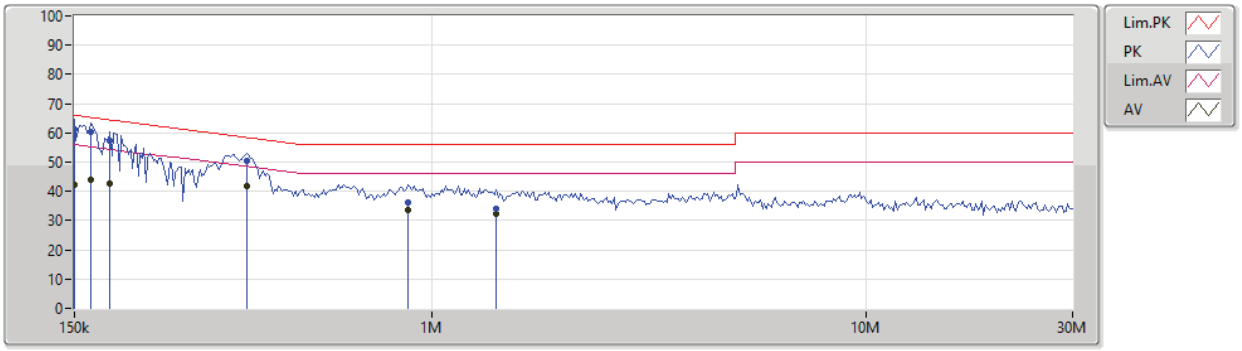
Instrument for Conducted Test

Instrument	Manufacturer	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Spectrum Analyzer	R&S	FSV 40	101500	10Hz~40GHz	18/Jul/2018	17/Jul/2019
Power Sensor	Anritsu	MA2411B	1339407	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Power Meter	Anritsu	ML2495A	1517010	300MHz ~ 40GHz	17/Nov/2018	16/Nov/2019
Cable 0.2m	HUBER	MY10710/4	RF Cable - 01	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.2m	HUBER	MY10711/4	RF Cable - 02	30MHz ~18G	10/Jan/2019	09/Jan/2020
Cable 0.5m	HUBER	MY39470/4	RF Cable - 29	30MHz ~18G	10/Jan/2019	09/Jan/2020
SMB100A Signal Generator	R&S	SMB100A03	181147	100kHz~40GHz	12/Nov/2018	10/Nov/2020

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter mode ; Radio2 2.4G TX		

AC Conduction

11/05/2019

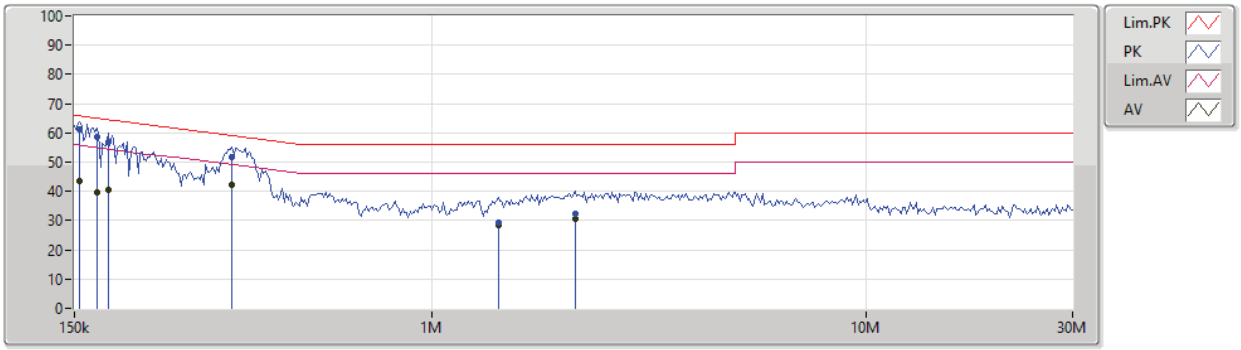


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	61.31	66.00	-4.69	19.52	Neutral	"Worst"	41.79	9.65	0.01	9.86
AV	150k	42.36	56.00	-13.64	19.52	Neutral	-	22.84	9.65	0.01	9.86
QP	164.053k	60.13	65.25	-5.12	19.52	Neutral	-	40.61	9.65	0.01	9.86
AV	164.053k	44.01	55.25	-11.24	19.52	Neutral	-	24.49	9.65	0.01	9.86
QP	181.216k	57.35	64.43	-7.08	19.51	Neutral	-	37.84	9.64	0.01	9.86
AV	181.216k	42.56	54.43	-11.87	19.51	Neutral	-	23.05	9.64	0.01	9.86
QP	374.678k	50.39	58.39	-8.00	19.51	Neutral	-	30.88	9.64	0.01	9.86
AV	374.678k	41.93	48.39	-6.46	19.51	Neutral	-	22.42	9.64	0.01	9.86
QP	881.649k	36.40	56.00	-19.60	19.52	Neutral	-	16.88	9.64	0.02	9.86
AV	881.649k	33.70	46.00	-12.30	19.52	Neutral	-	14.18	9.64	0.02	9.86
QP	1.407M	34.14	56.00	-21.86	19.53	Neutral	-	14.61	9.64	0.03	9.86
AV	1.407M	32.14	46.00	-13.86	19.53	Neutral	-	12.61	9.64	0.03	9.86

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Adapter mode ; Radio2 2.4G TX		

AC Conduction

11/05/2019

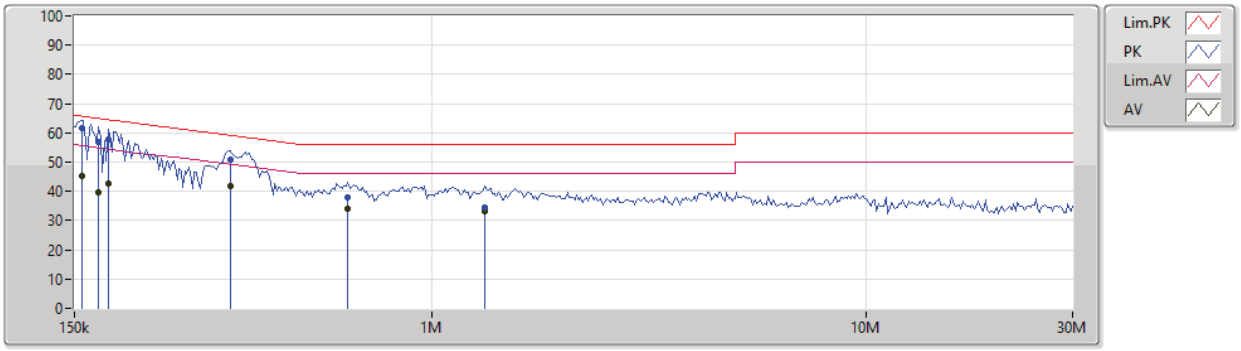


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.545k	61.23	65.75	-4.52	19.48	Line	"Worst"	41.75	9.61	0.01	9.86
AV	154.545k	43.53	55.75	-12.22	19.48	Line	-	24.05	9.61	0.01	9.86
QP	169.024k	58.77	65.01	-6.24	19.48	Line	-	39.29	9.61	0.01	9.86
AV	169.024k	39.73	55.01	-15.28	19.48	Line	-	20.25	9.61	0.01	9.86
QP	179.422k	57.02	64.51	-7.49	19.48	Line	-	37.54	9.61	0.01	9.86
AV	179.422k	40.45	54.51	-14.06	19.48	Line	-	20.97	9.61	0.01	9.86
QP	346.008k	51.77	59.06	-7.29	19.48	Line	-	32.29	9.61	0.01	9.86
AV	346.008k	42.09	49.06	-6.97	19.48	Line	-	22.61	9.61	0.01	9.86
QP	1.421M	29.28	56.00	-26.72	19.50	Line	-	9.78	9.61	0.03	9.86
AV	1.421M	28.65	46.00	-17.35	19.50	Line	-	9.15	9.61	0.03	9.86
QP	2.137M	32.35	56.00	-23.65	19.52	Line	-	12.83	9.62	0.03	9.87
AV	2.137M	30.50	46.00	-15.50	19.52	Line	-	10.98	9.62	0.03	9.87

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Neutral
Operating Function	Adapter mode ; Radio3 2.4G TX		

AC Conduction

11/05/2019

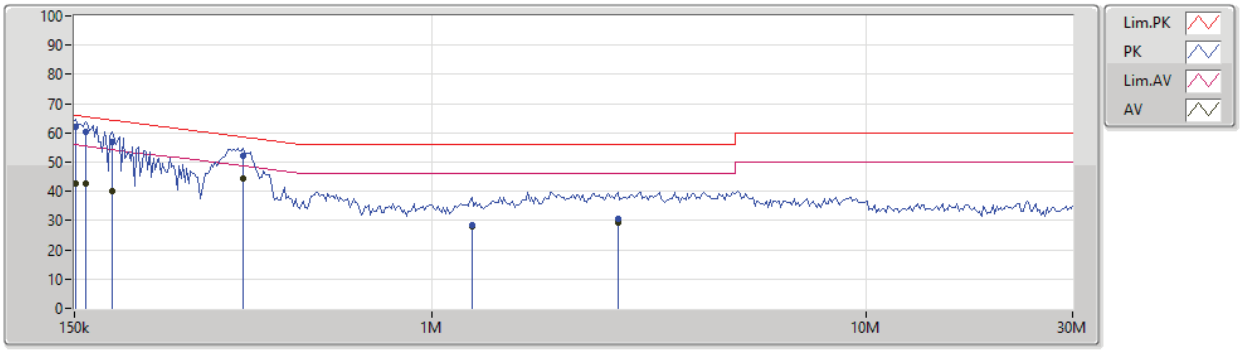


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.091k	61.51	65.67	-4.16	19.52	Neutral	"Worst"	41.99	9.65	0.01	9.86
AV	156.091k	45.24	55.67	-10.43	19.52	Neutral	-	25.72	9.65	0.01	9.86
QP	170.714k	57.08	64.93	-7.85	19.52	Neutral	-	37.56	9.65	0.01	9.86
AV	170.714k	39.66	54.93	-15.27	19.52	Neutral	-	20.14	9.65	0.01	9.86
QP	179.422k	57.64	64.51	-6.87	19.51	Neutral	-	38.13	9.64	0.01	9.86
AV	179.422k	42.62	54.51	-11.89	19.51	Neutral	-	23.11	9.64	0.01	9.86
QP	342.583k	50.73	59.14	-8.41	19.51	Neutral	-	31.22	9.64	0.01	9.86
AV	342.583k	42.02	49.14	-7.12	19.51	Neutral	-	22.51	9.64	0.01	9.86
QP	641.227k	37.93	56.00	-18.07	19.51	Neutral	-	18.42	9.64	0.01	9.86
AV	641.227k	33.95	46.00	-12.05	19.51	Neutral	-	14.44	9.64	0.01	9.86
QP	1.326M	34.69	56.00	-21.31	19.52	Neutral	-	15.17	9.64	0.02	9.86
AV	1.326M	33.13	46.00	-12.87	19.52	Neutral	-	13.61	9.64	0.02	9.86

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Line
Operating Function	Adapter mode ; Radio3 2.4G TX		

AC Conduction

11/05/2019

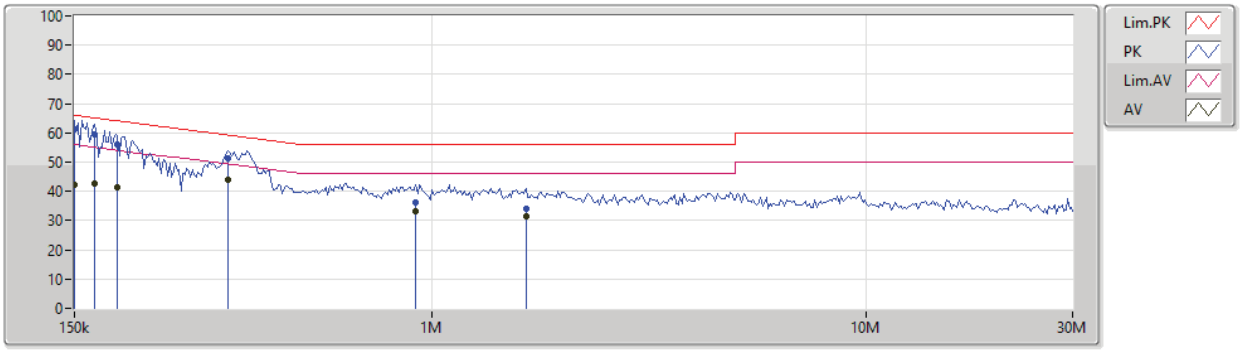


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	151.5k	62.08	65.92	-3.84	19.48	Line	"Worst"	42.60	9.61	0.01	9.86
AV	151.5k	42.71	55.92	-13.21	19.48	Line	-	23.23	9.61	0.01	9.86
QP	159.228k	60.14	65.50	-5.36	19.48	Line	-	40.66	9.61	0.01	9.86
AV	159.228k	42.87	55.50	-12.63	19.48	Line	-	23.39	9.61	0.01	9.86
QP	183.029k	56.90	64.34	-7.44	19.48	Line	-	37.42	9.61	0.01	9.86
AV	183.029k	40.22	54.34	-14.12	19.48	Line	-	20.74	9.61	0.01	9.86
QP	367.295k	52.03	58.56	-6.53	19.48	Line	-	32.55	9.61	0.01	9.86
AV	367.295k	44.30	48.56	-4.26	19.48	Line	-	24.82	9.61	0.01	9.86
QP	1.237M	28.30	56.00	-27.70	19.49	Line	-	8.81	9.61	0.02	9.86
AV	1.237M	27.84	46.00	-18.16	19.49	Line	-	8.35	9.61	0.02	9.86
QP	2.687M	30.62	56.00	-25.38	19.53	Line	-	11.09	9.62	0.04	9.87
AV	2.687M	29.19	46.00	-16.81	19.53	Line	-	9.66	9.62	0.04	9.87

AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Neutral
Operating Function	Adapter mode ; Radio2 2.4G BF		

AC Conduction

11/05/2019

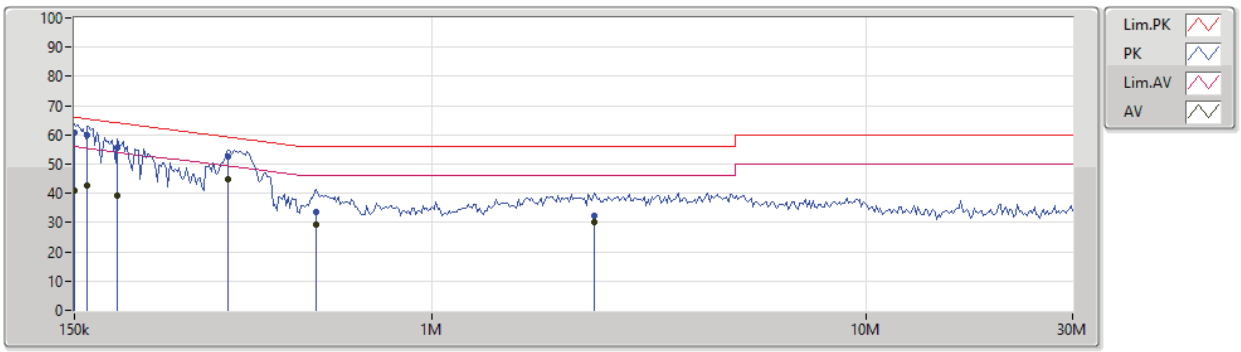


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	61.02	66.00	-4.98	19.52	Neutral	"Worst"	41.50	9.65	0.01	9.86
AV	150k	42.24	56.00	-13.76	19.52	Neutral	-	22.72	9.65	0.01	9.86
QP	167.35k	59.57	65.08	-5.51	19.52	Neutral	-	40.05	9.65	0.01	9.86
AV	167.35k	42.59	55.08	-12.49	19.52	Neutral	-	23.07	9.65	0.01	9.86
QP	188.574k	55.97	64.11	-8.14	19.51	Neutral	-	36.46	9.64	0.01	9.86
AV	188.574k	41.30	54.11	-12.81	19.51	Neutral	-	21.79	9.64	0.01	9.86
QP	339.191k	51.44	59.23	-7.79	19.51	Neutral	-	31.93	9.64	0.01	9.86
AV	339.191k	44.12	49.23	-5.11	19.51	Neutral	-	24.61	9.64	0.01	9.86
QP	917.448k	36.16	56.00	-19.84	19.52	Neutral	-	16.64	9.64	0.02	9.86
AV	917.448k	33.17	46.00	-12.83	19.52	Neutral	-	13.65	9.64	0.02	9.86
QP	1.65M	33.88	56.00	-22.12	19.55	Neutral	-	14.33	9.65	0.03	9.87
AV	1.65M	31.59	46.00	-14.41	19.55	Neutral	-	12.04	9.65	0.03	9.87

AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Line
Operating Function	Adapter mode ; Radio2 2.4G BF		

AC Conduction

11/05/2019

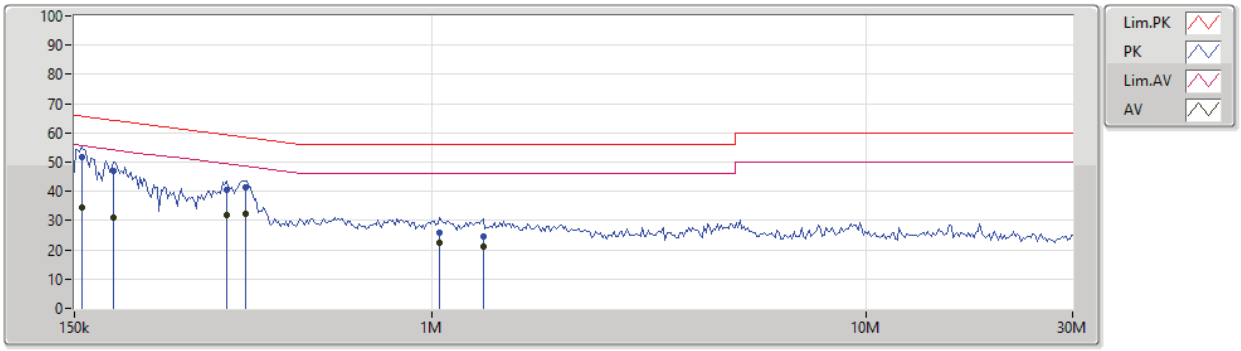


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	60.90	66.00	-5.10	19.48	Line	-	41.42	9.61	0.01	9.86
AV	150k	40.91	56.00	-15.09	19.48	Line	-	21.43	9.61	0.01	9.86
QP	160.82k	59.84	65.43	-5.59	19.48	Line	-	40.36	9.61	0.01	9.86
AV	160.82k	42.53	55.43	-12.90	19.48	Line	-	23.05	9.61	0.01	9.86
QP	188.574k	55.61	64.11	-8.50	19.48	Line	-	36.13	9.61	0.01	9.86
AV	188.574k	39.22	54.11	-14.89	19.48	Line	-	19.74	9.61	0.01	9.86
QP	339.191k	52.40	59.23	-6.83	19.48	Line	-	32.92	9.61	0.01	9.86
AV	339.191k	44.82	49.23	-4.41	19.48	Line	"Worst"	25.34	9.61	0.01	9.86
QP	541.438k	33.82	56.00	-22.18	19.48	Line	-	14.34	9.61	0.01	9.86
AV	541.438k	29.14	46.00	-16.86	19.48	Line	-	9.66	9.61	0.01	9.86
QP	2.361M	32.18	56.00	-23.82	19.53	Line	-	12.65	9.62	0.04	9.87
AV	2.361M	30.30	46.00	-15.70	19.53	Line	-	10.77	9.62	0.04	9.87

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Adapter mode ; Radio2 2.4G TX		

AC Conduction

17/05/2019

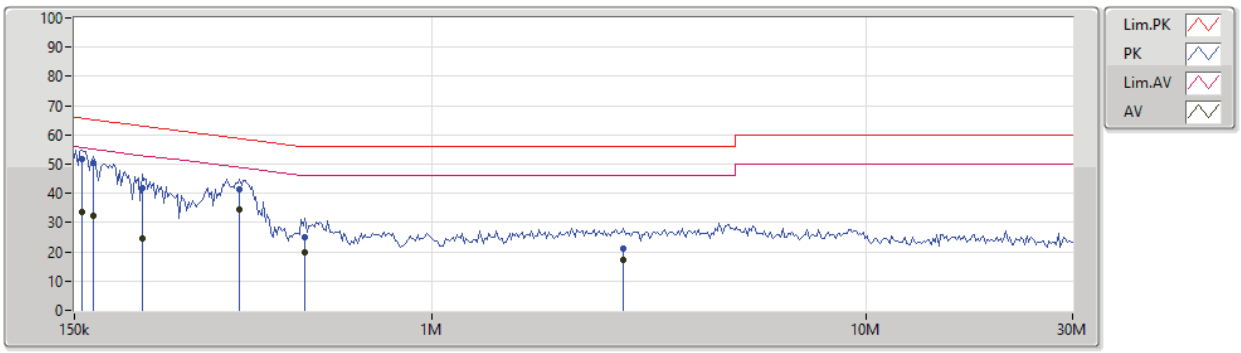


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.091k	51.67	65.67	-14.00	19.52	Neutral	"Worst"	32.15	9.65	0.01	9.86
AV	156.091k	34.66	55.67	-21.01	19.52	Neutral	-	15.14	9.65	0.01	9.86
QP	184.859k	46.85	64.26	-17.41	19.51	Neutral	-	27.34	9.64	0.01	9.86
AV	184.859k	31.00	54.26	-23.26	19.51	Neutral	-	11.49	9.64	0.01	9.86
QP	335.832k	40.51	59.31	-18.80	19.51	Neutral	-	21.00	9.64	0.01	9.86
AV	335.832k	32.06	49.31	-17.25	19.51	Neutral	-	12.55	9.64	0.01	9.86
QP	370.968k	41.37	58.49	-17.12	19.51	Neutral	-	21.86	9.64	0.01	9.86
AV	370.968k	32.37	48.49	-16.12	19.51	Neutral	-	12.86	9.64	0.01	9.86
QP	1.044M	25.97	56.00	-30.03	19.52	Neutral	-	6.45	9.64	0.02	9.86
AV	1.044M	22.38	46.00	-23.62	19.52	Neutral	-	2.86	9.64	0.02	9.86
QP	1.313M	24.70	56.00	-31.30	19.52	Neutral	-	5.18	9.64	0.02	9.86
AV	1.313M	20.96	46.00	-25.04	19.52	Neutral	-	1.44	9.64	0.02	9.86

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Adapter mode ; Radio2 2.4G TX		

AC Conduction

17/05/2019

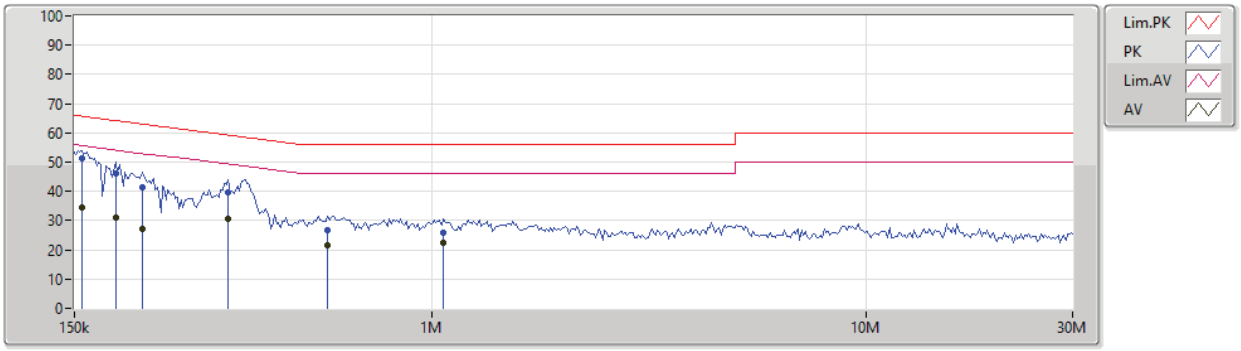


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.091k	51.75	65.67	-13.92	19.48	Line	"Worst"	32.27	9.61	0.01	9.86
AV	156.091k	33.48	55.67	-22.19	19.48	Line	-	14.00	9.61	0.01	9.86
QP	165.693k	50.64	65.18	-14.54	19.48	Line	-	31.16	9.61	0.01	9.86
AV	165.693k	32.23	55.18	-22.95	19.48	Line	-	12.75	9.61	0.01	9.86
QP	214.615k	41.69	63.02	-21.33	19.48	Line	-	22.21	9.61	0.01	9.86
AV	214.615k	24.43	53.02	-28.59	19.48	Line	-	4.95	9.61	0.01	9.86
QP	360.058k	41.52	58.73	-17.21	19.48	Line	-	22.04	9.61	0.01	9.86
AV	360.058k	34.35	48.73	-14.38	19.48	Line	-	14.87	9.61	0.01	9.86
QP	510.059k	25.17	56.00	-30.83	19.48	Line	-	5.69	9.61	0.01	9.86
AV	510.059k	19.71	46.00	-26.29	19.48	Line	-	0.23	9.61	0.01	9.86
QP	2.769M	21.03	56.00	-34.97	19.53	Line	-	1.50	9.62	0.04	9.87
AV	2.769M	17.06	46.00	-28.94	19.53	Line	-	-2.47	9.62	0.04	9.87

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Neutral
Operating Function	Adapter mode ; Radio3 2.4G TX		

AC Conduction

17/05/2019

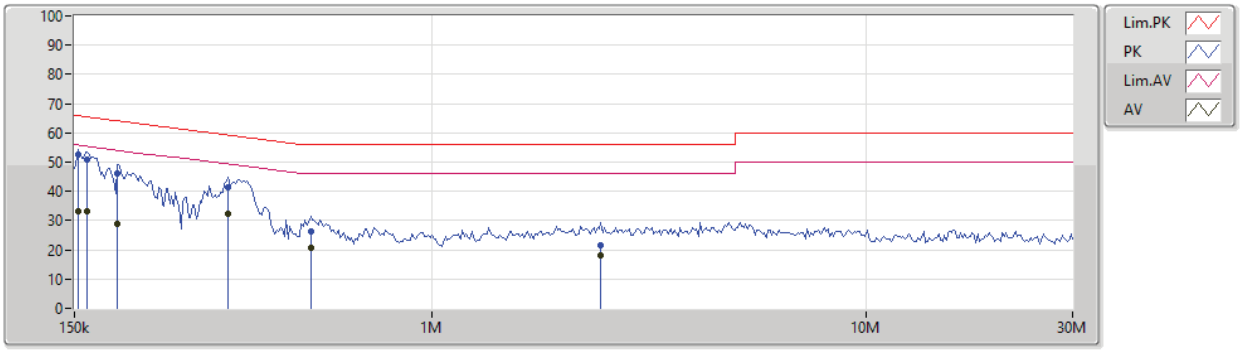


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	156.091k	51.49	65.67	-14.18	19.52	Neutral	"Worst"	31.97	9.65	0.01	9.86
AV	156.091k	34.56	55.67	-21.11	19.52	Neutral	-	15.04	9.65	0.01	9.86
QP	186.707k	46.05	64.18	-18.13	19.51	Neutral	-	26.54	9.64	0.01	9.86
AV	186.707k	30.97	54.18	-23.21	19.51	Neutral	-	11.46	9.64	0.01	9.86
QP	214.615k	41.46	63.02	-21.56	19.51	Neutral	-	21.95	9.64	0.01	9.86
AV	214.615k	26.94	53.02	-26.08	19.51	Neutral	-	7.43	9.64	0.01	9.86
QP	339.191k	39.65	59.23	-19.58	19.51	Neutral	-	20.14	9.64	0.01	9.86
AV	339.191k	30.56	49.23	-18.67	19.51	Neutral	-	11.05	9.64	0.01	9.86
QP	574.747k	26.58	56.00	-29.42	19.51	Neutral	-	7.07	9.64	0.01	9.86
AV	574.747k	21.34	46.00	-24.66	19.51	Neutral	-	1.83	9.64	0.01	9.86
QP	1.065M	25.73	56.00	-30.27	19.52	Neutral	-	6.21	9.64	0.02	9.86
AV	1.065M	22.29	46.00	-23.71	19.52	Neutral	-	2.77	9.64	0.02	9.86

AC Power-line Conducted Emissions Result			
Operating Mode	2	**Power Phase**	Line
Operating Function	Adapter mode ; Radio3 2.4G TX		

AC Conduction

17/05/2019

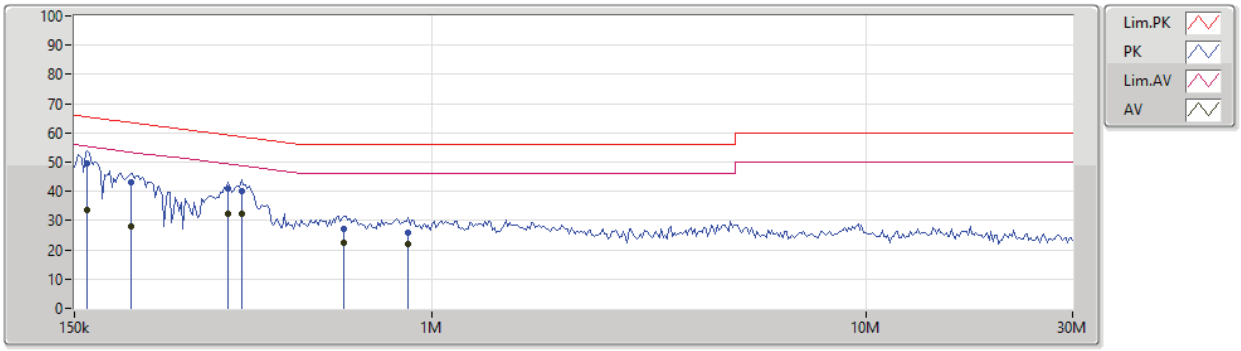


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	153.015k	52.40	65.83	-13.43	19.48	Line	"Worst"	32.92	9.61	0.01	9.86
AV	153.015k	33.19	55.83	-22.64	19.48	Line	-	13.71	9.61	0.01	9.86
QP	160.82k	50.94	65.43	-14.49	19.48	Line	-	31.46	9.61	0.01	9.86
AV	160.82k	32.98	55.43	-22.45	19.48	Line	-	13.50	9.61	0.01	9.86
QP	188.574k	45.98	64.11	-18.13	19.48	Line	-	26.50	9.61	0.01	9.86
AV	188.574k	28.81	54.11	-25.30	19.48	Line	-	9.33	9.61	0.01	9.86
QP	339.191k	41.23	59.23	-18.00	19.48	Line	-	21.75	9.61	0.01	9.86
AV	339.191k	32.46	49.23	-16.77	19.48	Line	-	12.98	9.61	0.01	9.86
QP	525.514k	26.46	56.00	-29.54	19.48	Line	-	6.98	9.61	0.01	9.86
AV	525.514k	20.86	46.00	-25.14	19.48	Line	-	1.38	9.61	0.01	9.86
QP	2.457M	21.75	56.00	-34.25	19.53	Line	-	2.22	9.62	0.04	9.87
AV	2.457M	18.02	46.00	-27.98	19.53	Line	-	-1.51	9.62	0.04	9.87

AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Neutral
Operating Function	Adapter mode ; Radio2 2.4G BF		

AC Conduction

17/05/2019

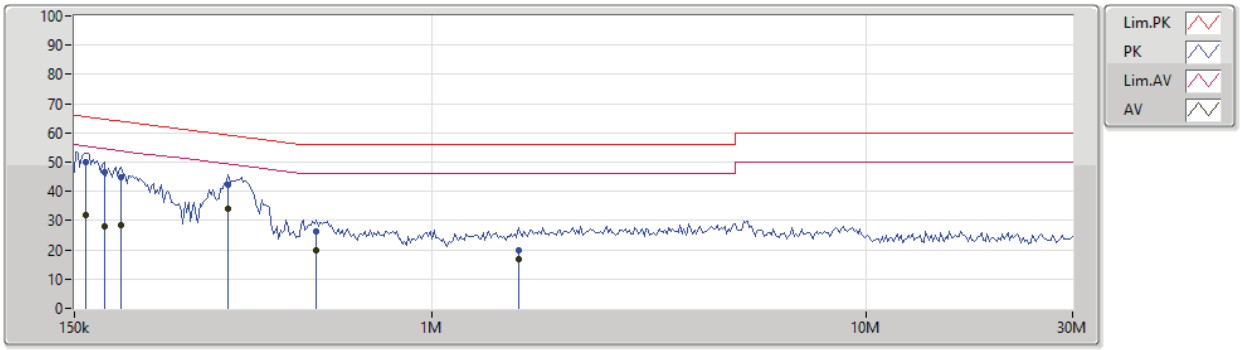


Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	160.82k	49.76	65.43	-15.67	19.52	Neutral	"Worst"	30.24	9.65	0.01	9.86
AV	160.82k	33.52	55.43	-21.91	19.52	Neutral	-	14.00	9.65	0.01	9.86
QP	202.177k	42.94	63.51	-20.57	19.51	Neutral	-	23.43	9.64	0.01	9.86
AV	202.177k	27.86	53.51	-25.65	19.51	Neutral	-	8.35	9.64	0.01	9.86
QP	339.191k	40.75	59.23	-18.48	19.51	Neutral	-	21.24	9.64	0.01	9.86
AV	339.191k	32.42	49.23	-16.81	19.51	Neutral	-	12.91	9.64	0.01	9.86
QP	363.658k	40.09	58.64	-18.55	19.51	Neutral	-	20.58	9.64	0.01	9.86
AV	363.658k	32.30	48.64	-16.34	19.51	Neutral	-	12.79	9.64	0.01	9.86
QP	628.592k	27.19	56.00	-28.81	19.51	Neutral	-	7.68	9.64	0.01	9.86
AV	628.592k	22.25	46.00	-23.75	19.51	Neutral	-	2.74	9.64	0.01	9.86
QP	881.649k	25.65	56.00	-30.35	19.52	Neutral	-	6.13	9.64	0.02	9.86
AV	881.649k	21.86	46.00	-24.14	19.52	Neutral	-	2.34	9.64	0.02	9.86

AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Line
Operating Function	Adapter mode ; Radio2 2.4G BF		

AC Conduction

17/05/2019



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159.228k	49.96	65.50	-15.54	19.48	Line	-	30.48	9.61	0.01	9.86
AV	159.228k	32.10	55.50	-23.40	19.48	Line	-	12.62	9.61	0.01	9.86
QP	175.887k	46.58	64.68	-18.10	19.48	Line	-	27.10	9.61	0.01	9.86
AV	175.887k	27.94	54.68	-26.74	19.48	Line	-	8.46	9.61	0.01	9.86
QP	192.365k	44.72	63.93	-19.21	19.48	Line	-	25.24	9.61	0.01	9.86
AV	192.365k	28.24	53.93	-25.69	19.48	Line	-	8.76	9.61	0.01	9.86
QP	339.191k	42.34	59.23	-16.89	19.48	Line	-	22.86	9.61	0.01	9.86
AV	339.191k	33.89	49.23	-15.34	19.48	Line	"Worst"	14.41	9.61	0.01	9.86
QP	541.438k	26.10	56.00	-29.90	19.48	Line	-	6.62	9.61	0.01	9.86
AV	541.438k	19.93	46.00	-26.07	19.48	Line	-	0.45	9.61	0.01	9.86
QP	1.586M	20.04	56.00	-35.96	19.52	Line	-	0.52	9.62	0.03	9.87
AV	1.586M	17.00	46.00	-29.00	19.52	Line	-	-2.52	9.62	0.03	9.87

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)_4TX	9.025M	14.768M	14M8G1D	7.025M	10.62M
802.11g_Nss1,(6Mbps)_4TX	16.35M	17.616M	17M6D1D	16.3M	16.517M
VHT20_Nss1,(MCS0)_4TX	17.6M	17.841M	17M8D1D	16.95M	17.716M
VHT40_Nss1,(MCS0)_4TX	36.35M	36.332M	36M3D1D	35.65M	36.082M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.975M	19.065M	19M1D1D	18.725M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.55M	37.681M	37M7D1D	36.05M	37.331M

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

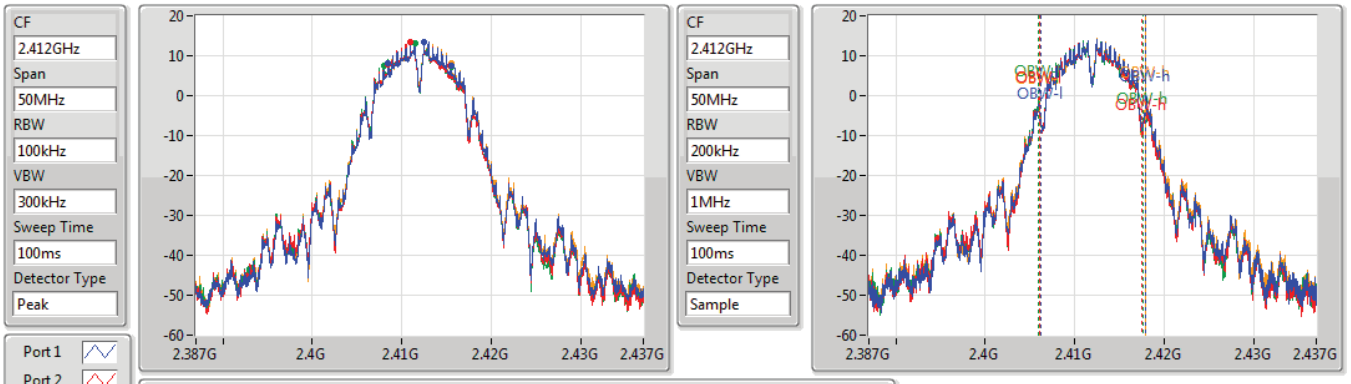
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.05M	11.719M	7.025M	11.419M	7.55M	11.694M	7.075M	11.869M
2437MHz	Pass	500k	7.525M	14.068M	8M	14.768M	9.025M	14.343M	7.525M	14.518M
2462MHz	Pass	500k	7.05M	11.019M	7.05M	10.62M	7.025M	10.77M	7.05M	11.219M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.617M	16.325M	16.592M	16.35M	16.592M	16.35M	16.592M
2437MHz	Pass	500k	16.3M	17.191M	16.325M	17.291M	16.325M	17.441M	16.325M	17.616M
2462MHz	Pass	500k	16.35M	16.617M	16.325M	16.542M	16.325M	16.517M	16.35M	16.542M
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.791M	17.575M	17.741M	17.525M	17.741M	17.6M	17.791M
2437MHz	Pass	500k	17.55M	17.816M	17.575M	17.841M	16.95M	17.816M	17.575M	17.791M
2462MHz	Pass	500k	17.575M	17.841M	17.575M	17.741M	17.55M	17.716M	17.575M	17.791M
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.05M	36.232M	35.7M	36.332M	36.35M	36.332M	36.3M	36.232M
2437MHz	Pass	500k	35.75M	36.132M	36.3M	36.282M	36.35M	36.332M	35.75M	36.232M
2452MHz	Pass	500k	36.1M	36.282M	35.75M	36.082M	35.65M	36.182M	36.3M	36.282M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.875M	18.991M	18.875M	18.966M	18.875M	18.966M	18.925M	18.966M
2437MHz	Pass	500k	18.825M	19.015M	18.925M	19.04M	18.725M	19.065M	18.925M	19.015M
2462MHz	Pass	500k	18.975M	19.015M	18.875M	18.966M	18.875M	18.941M	18.95M	18.966M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.25M	37.431M	37.15M	37.631M	37.55M	37.581M	36.65M	37.481M
2437MHz	Pass	500k	37.2M	37.381M	37.05M	37.681M	37.5M	37.681M	36.05M	37.431M
2452MHz	Pass	500k	37.35M	37.581M	36.05M	37.431M	36.35M	37.331M	37.3M	37.531M

Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

07/05/2019

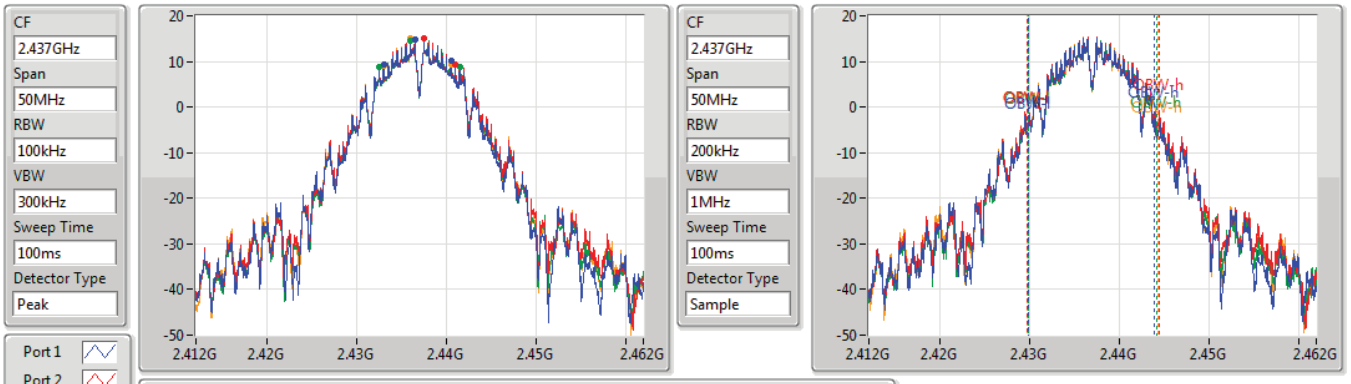


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.40845G	2.4155G	11.719M	2.406178G	2.417897G	500k	1
7.025M	2.40845G	2.415475G	11.419M	2.406053G	2.417472G	500k	2
7.55M	2.407975G	2.415525G	11.694M	2.405978G	2.417672G	500k	3
7.075M	2.40845G	2.415525G	11.869M	2.406053G	2.417922G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

07/05/2019

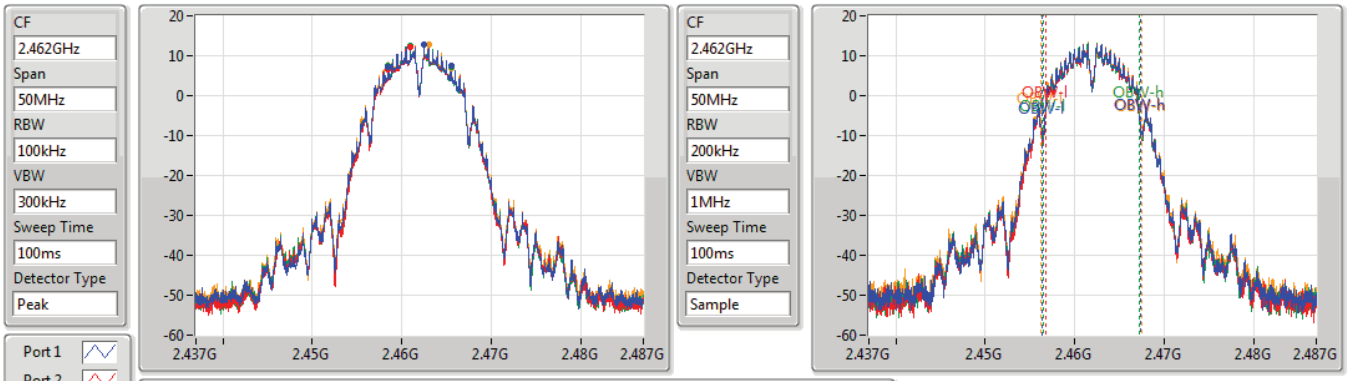


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.432975G	2.4405G	14.068M	2.429879G	2.443947G	500k	1
8M	2.432975G	2.440975G	14.768M	2.429704G	2.444471G	500k	2
9.025M	2.432475G	2.4415G	14.343M	2.429879G	2.444221G	500k	3
7.525M	2.433G	2.440525G	14.518M	2.429729G	2.444246G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

07/05/2019

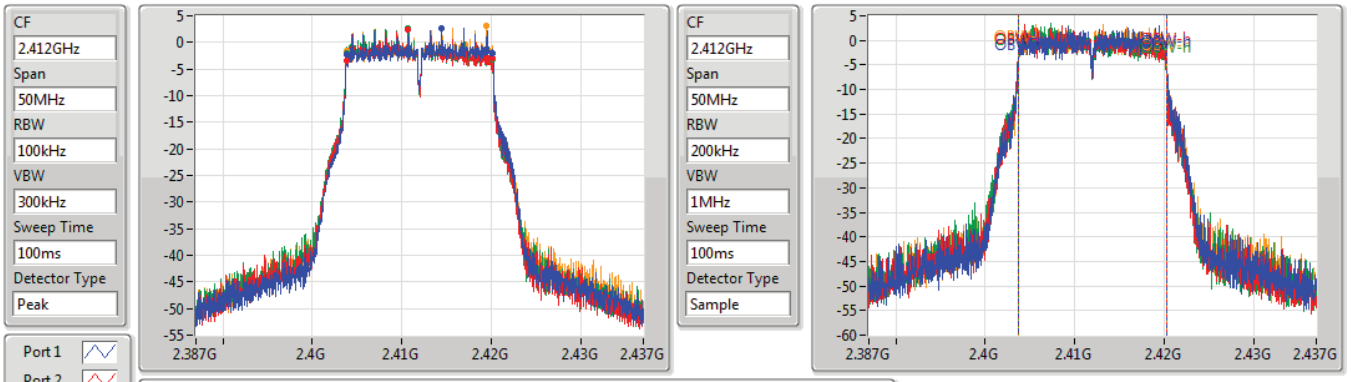


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.45845G	2.4655G	11.019M	2.456328G	2.467347G	500k	1
7.05M	2.45845G	2.4655G	10.62M	2.456728G	2.467347G	500k	2
7.025M	2.458475G	2.4655G	10.77M	2.456478G	2.467247G	500k	3
7.05M	2.45845G	2.4655G	11.219M	2.456253G	2.467472G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

07/05/2019

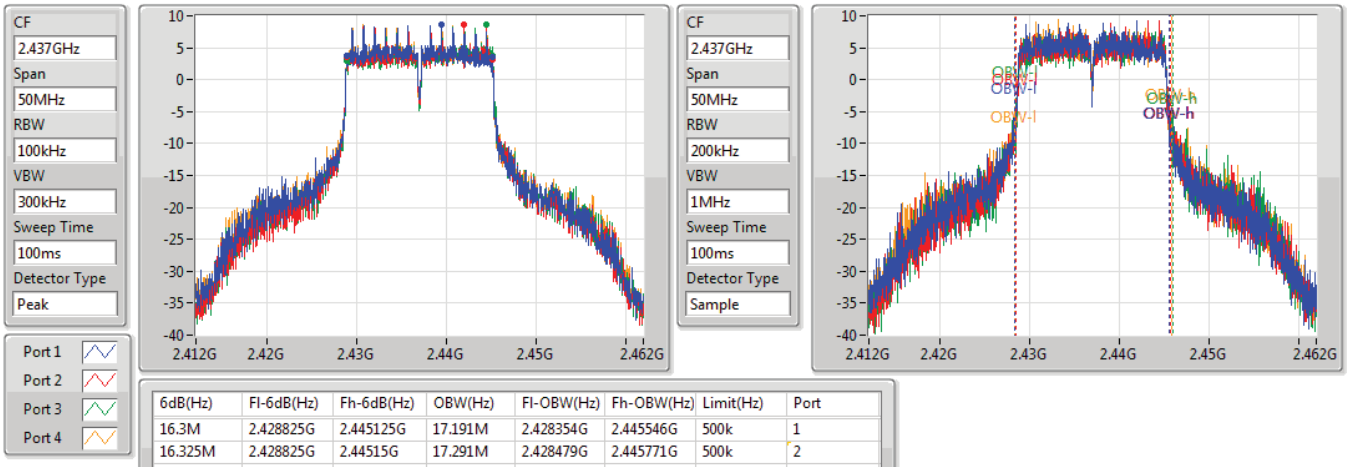


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.617M	2.403679G	2.420296G	500k	1
16.325M	2.4038G	2.420125G	16.592M	2.403654G	2.420246G	500k	2
16.35M	2.4038G	2.42015G	16.592M	2.403654G	2.420246G	500k	3
16.35M	2.403825G	2.420175G	16.592M	2.403679G	2.420271G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

07/05/2019

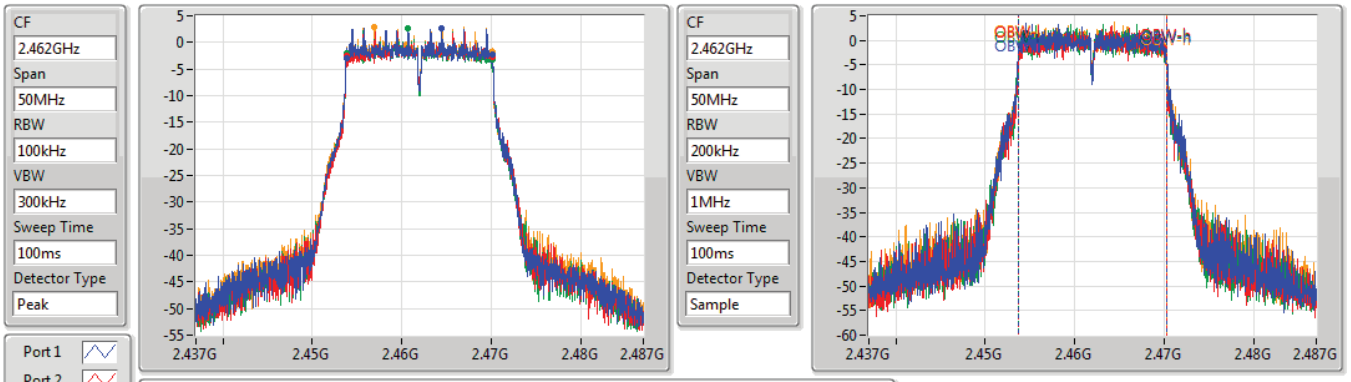


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.428825G	2.445125G	17.191M	2.428354G	2.445546G	500k	1
16.325M	2.428825G	2.44515G	17.291M	2.428479G	2.445771G	500k	2
16.325M	2.428825G	2.44515G	17.441M	2.428479G	2.445921G	500k	3
16.325M	2.428825G	2.44515G	17.616M	2.428229G	2.445846G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

07/05/2019

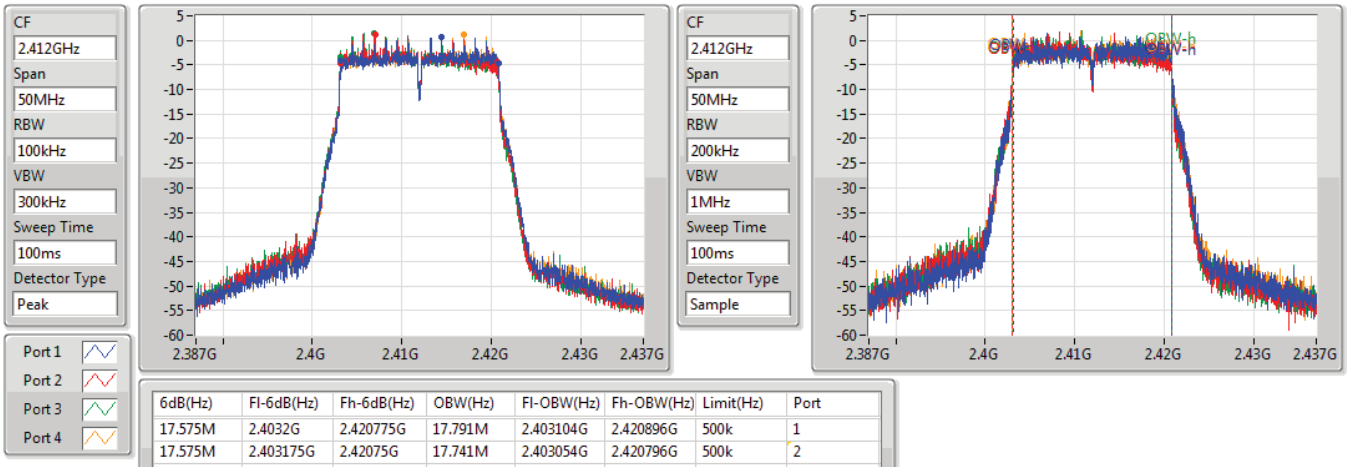


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4538G	2.47015G	16.617M	2.453654G	2.470271G	500k	1
16.325M	2.453825G	2.47015G	16.542M	2.453704G	2.470246G	500k	2
16.325M	2.453825G	2.47015G	16.517M	2.453704G	2.470221G	500k	3
16.35M	2.4538G	2.47015G	16.542M	2.453704G	2.470246G	500k	4

VHT20_Nss1,(MCS0)_4TX **EBW**

2412MHz

07/05/2019

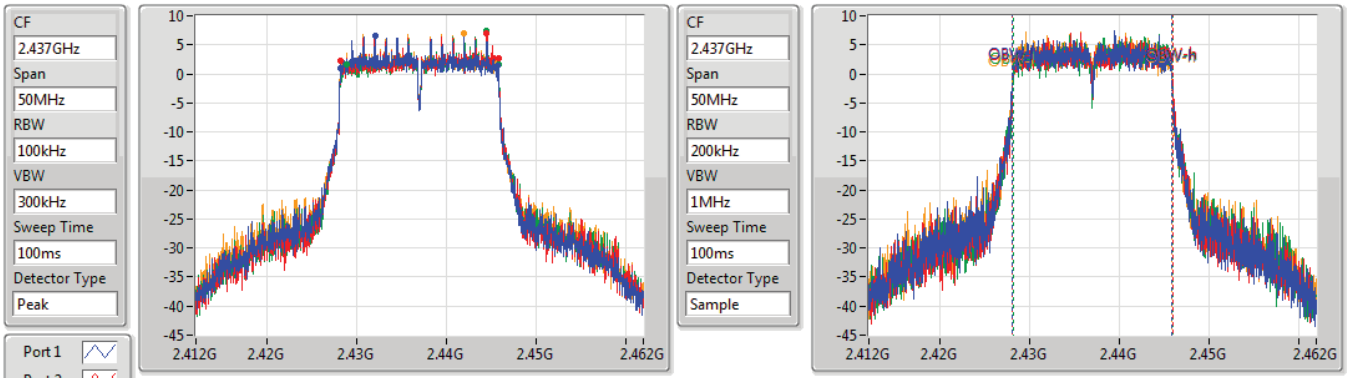


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.791M	2.403104G	2.420896G	500k	1
17.575M	2.403175G	2.42075G	17.741M	2.403054G	2.420796G	500k	2
17.525M	2.4032G	2.420725G	17.741M	2.403054G	2.420796G	500k	3
17.6M	2.403175G	2.420775G	17.791M	2.403079G	2.420871G	500k	4

VHT20_Nss1,(MCS0)_4TX **EBW**

2437MHz

07/05/2019

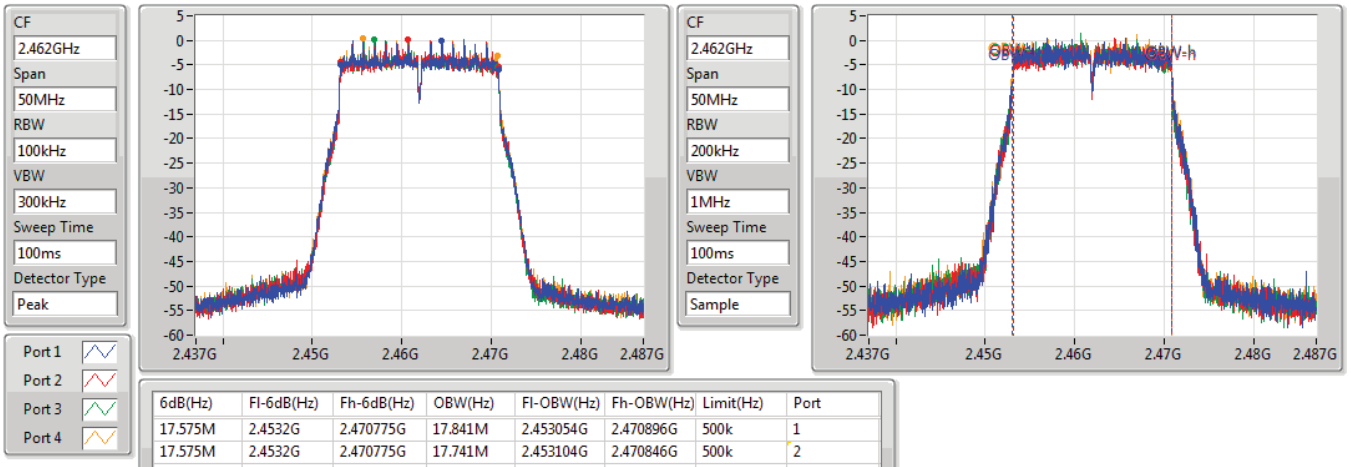


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.4282G	2.44575G	17.816M	2.428054G	2.445871G	500k	1
17.575M	2.4282G	2.445775G	17.841M	2.428079G	2.445921G	500k	2
16.95M	2.428825G	2.445775G	17.816M	2.428104G	2.445921G	500k	3
17.575M	2.428175G	2.44575G	17.791M	2.428079G	2.445871G	500k	4

VHT20_Nss1,(MCS0)_4TX EBW

2462MHz

07/05/2019

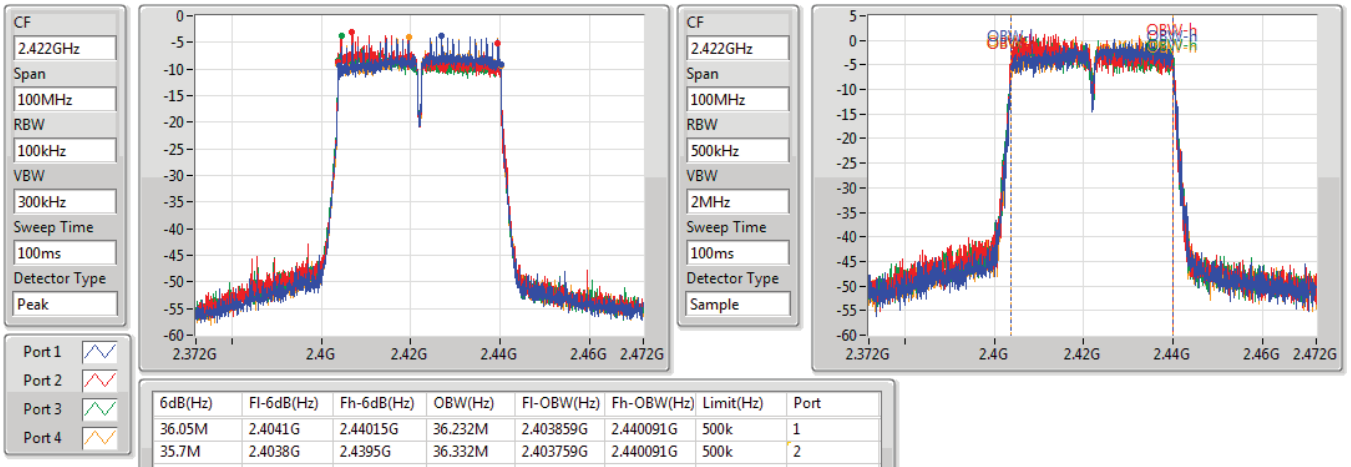


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.841M	2.453054G	2.470896G	500k	1
17.575M	2.4532G	2.470775G	17.741M	2.453104G	2.470846G	500k	2
17.55M	2.4532G	2.47075G	17.716M	2.453104G	2.470821G	500k	3
17.575M	2.453175G	2.47075G	17.791M	2.453054G	2.470846G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2422MHz

07/05/2019

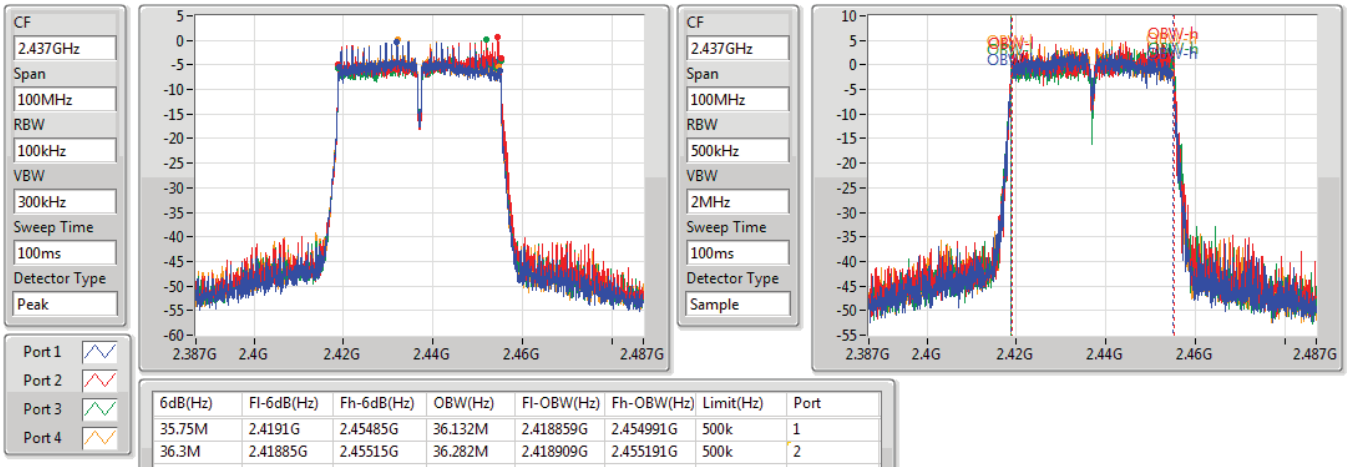


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	2.4041G	2.44015G	36.232M	2.403859G	2.440091G	500k	1
35.7M	2.4038G	2.4395G	36.332M	2.403759G	2.440091G	500k	2
36.35M	2.4038G	2.44015G	36.332M	2.403759G	2.440091G	500k	3
36.3M	2.40385G	2.44015G	36.232M	2.403859G	2.440091G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2437MHz

07/05/2019

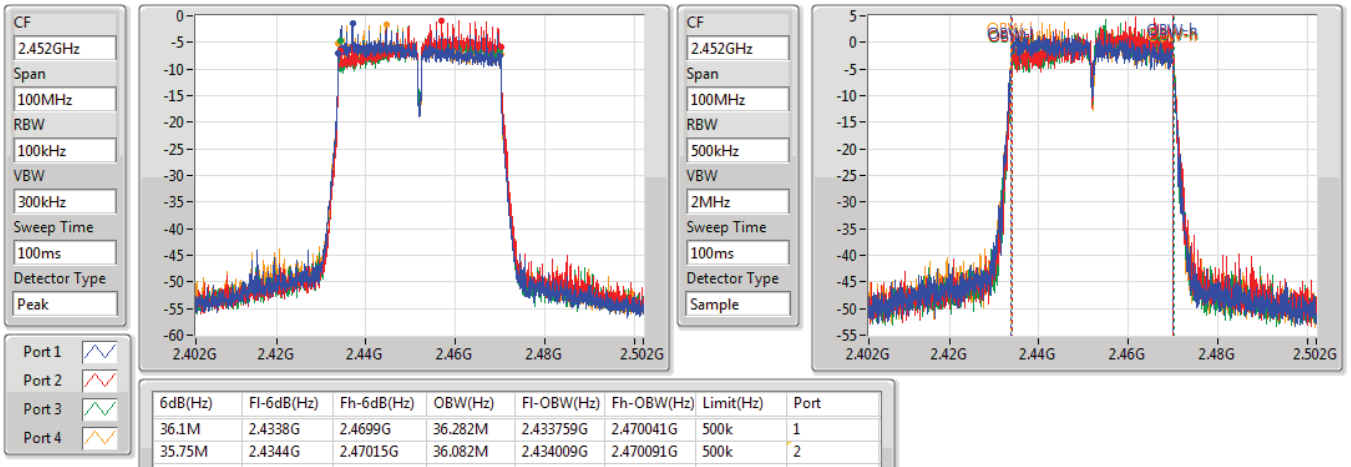


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.75M	2.4191G	2.45485G	36.132M	2.418859G	2.454991G	500k	1
36.3M	2.41885G	2.45515G	36.282M	2.418909G	2.455191G	500k	2
36.35M	2.4188G	2.45515G	36.332M	2.418859G	2.455191G	500k	3
35.75M	2.4188G	2.45455G	36.232M	2.418809G	2.455041G	500k	4

VHT40_Nss1,(MCS0)_4TX EBW

2452MHz

07/05/2019

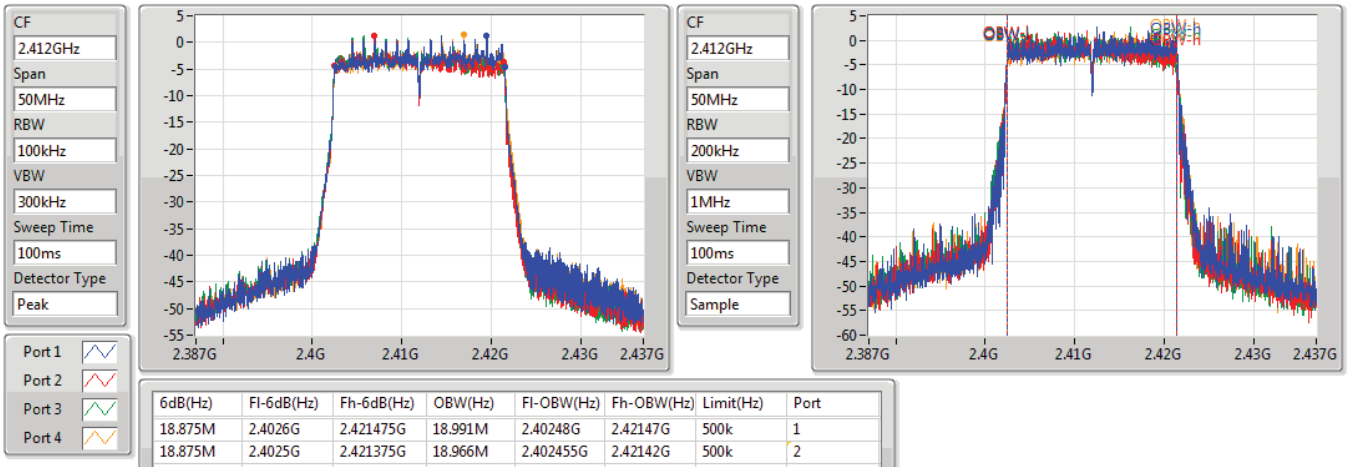


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.1M	2.4338G	2.4699G	36.282M	2.433759G	2.470041G	500k	1
35.75M	2.4344G	2.47015G	36.082M	2.434009G	2.470091G	500k	2
35.65M	2.43445G	2.4701G	36.182M	2.433959G	2.470141G	500k	3
36.3M	2.43385G	2.47015G	36.282M	2.433759G	2.470041G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

07/05/2019

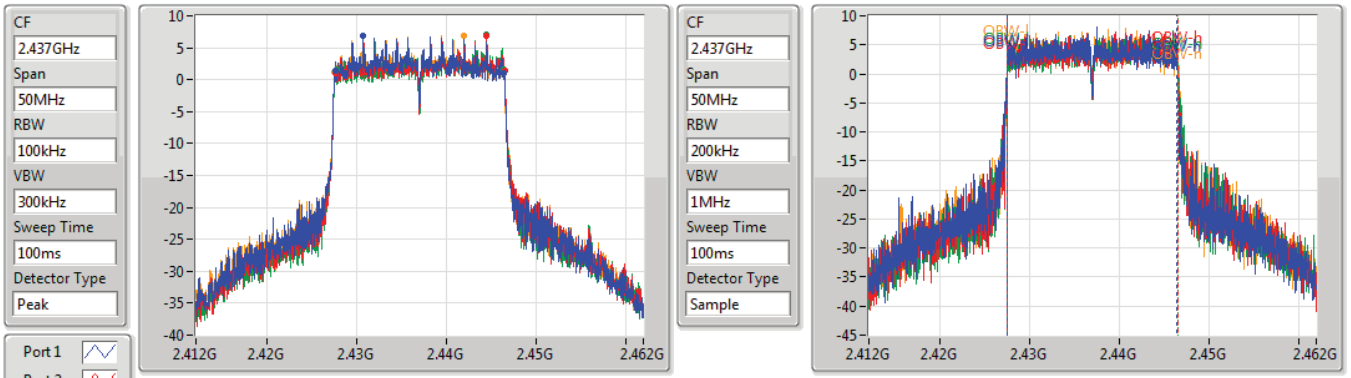


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	2.4026G	2.421475G	18.991M	2.40248G	2.42147G	500k	1
18.875M	2.4025G	2.421375G	18.966M	2.402455G	2.42142G	500k	2
18.875M	2.4025G	2.421375G	18.966M	2.402455G	2.42142G	500k	3
18.925M	2.40255G	2.421475G	18.966M	2.40248G	2.421445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

07/05/2019

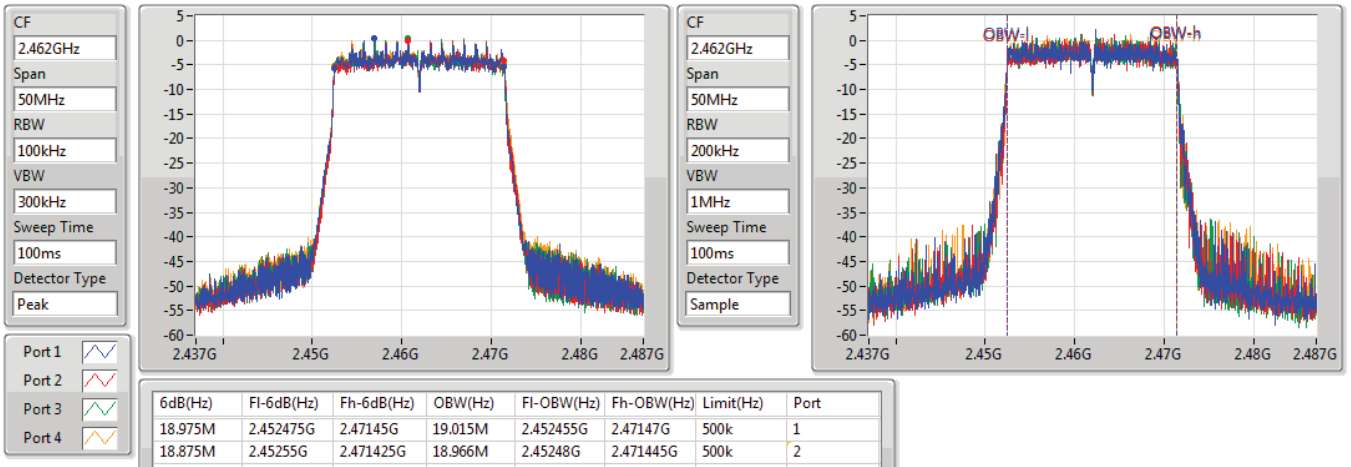


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.4276G	2.446425G	19.015M	2.427455G	2.44647G	500k	1
18.925M	2.42755G	2.446475G	19.04M	2.427455G	2.446495G	500k	2
18.725M	2.427725G	2.44645G	19.065M	2.42748G	2.446545G	500k	3
18.925M	2.427525G	2.44645G	19.015M	2.42748G	2.446495G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

07/05/2019

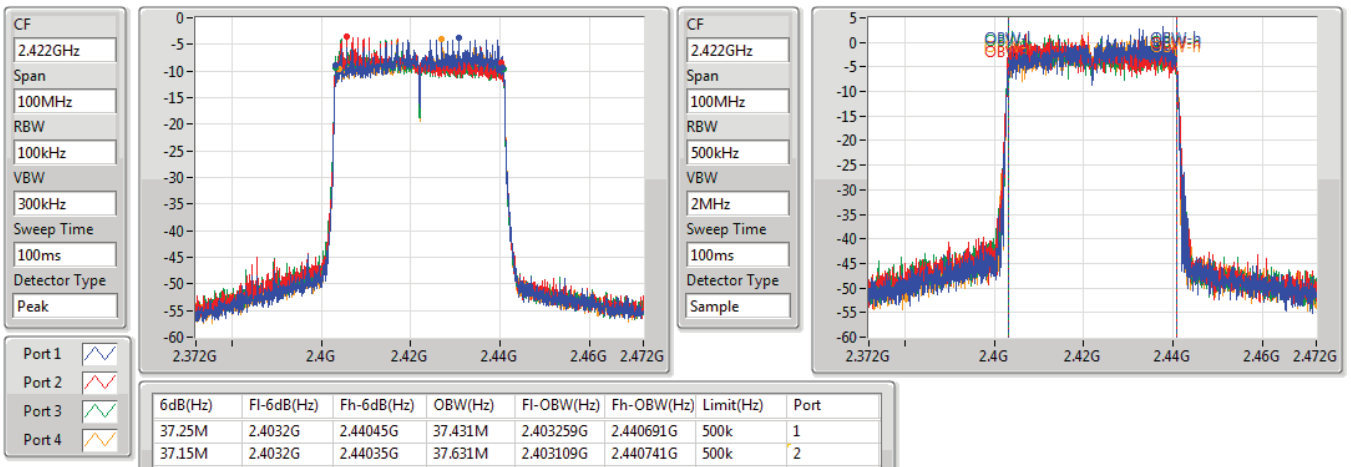


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.452475G	2.47145G	19.015M	2.452455G	2.47147G	500k	1
18.875M	2.45255G	2.471425G	18.966M	2.45248G	2.471445G	500k	2
18.875M	2.45255G	2.471425G	18.941M	2.45248G	2.47142G	500k	3
18.95M	2.4525G	2.47145G	18.966M	2.45248G	2.471445G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

07/05/2019

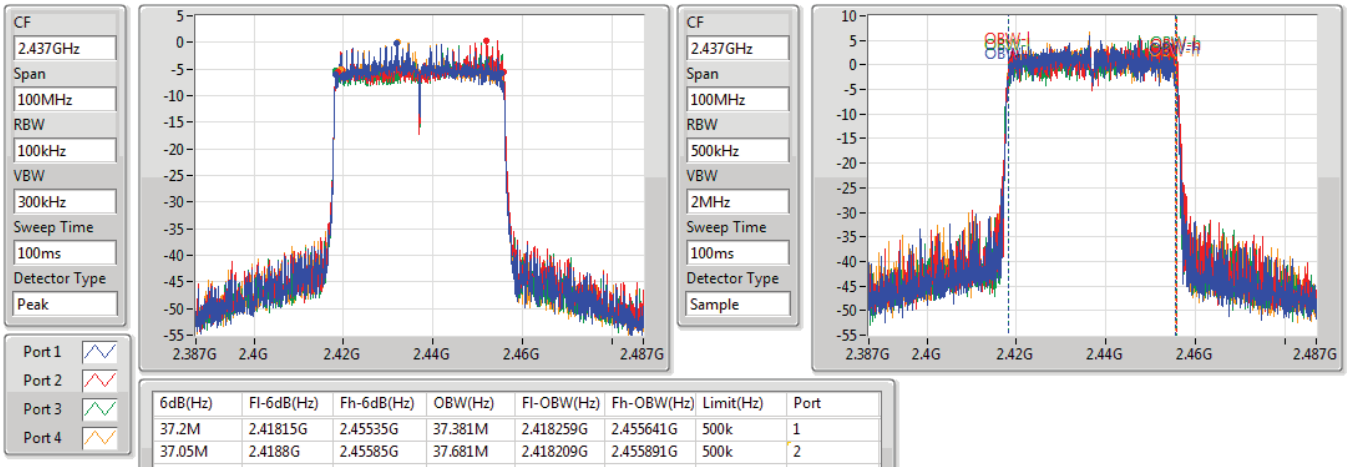


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.4032G	2.44045G	37.431M	2.403259G	2.440691G	500k	1
37.15M	2.4032G	2.44035G	37.631M	2.403109G	2.440741G	500k	2
37.55M	2.40315G	2.4407G	37.581M	2.403159G	2.440741G	500k	3
36.65M	2.4039G	2.44055G	37.481M	2.403259G	2.440741G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

07/05/2019

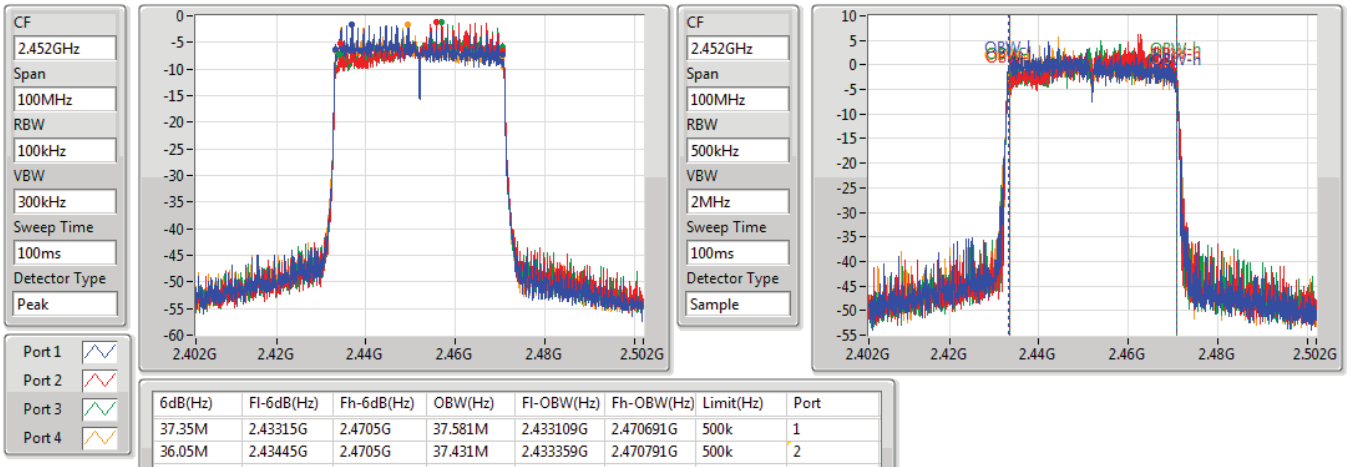


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	2.41815G	2.45535G	37.381M	2.418259G	2.455641G	500k	1
37.05M	2.4188G	2.45585G	37.681M	2.418209G	2.455891G	500k	2
37.5M	2.4182G	2.4557G	37.681M	2.418159G	2.455841G	500k	3
36.05M	2.4192G	2.45525G	37.431M	2.418209G	2.455641G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

07/05/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.35M	2.43315G	2.4705G	37.581M	2.433109G	2.470691G	500k	1
36.05M	2.43445G	2.4705G	37.431M	2.433359G	2.470791G	500k	2
36.35M	2.4341G	2.47045G	37.331M	2.433359G	2.470691G	500k	3
37.3M	2.4332G	2.4705G	37.531M	2.433159G	2.470691G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_4TX	17.575M	17.991M	18M0D1D	13.75M	17.666M
VHT40-BF_Nss1,(MCS0)_4TX	36.4M	36.382M	36M4D1D	3.7M	35.832M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.025M	19.09M	19M1D1D	16.175M	18.841M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.8M	37.781M	37M8D1D	18.65M	37.181M

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

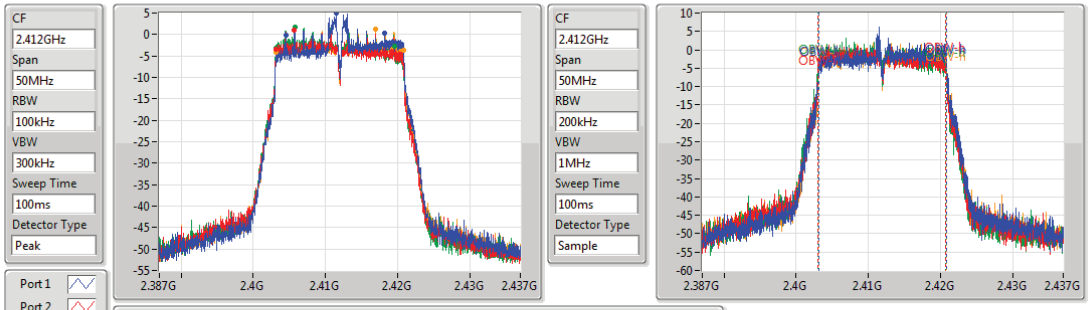
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	13.75M	17.741M	17.275M	17.716M	16.35M	17.691M	17.575M	17.791M
2437MHz_TnomVnom	Pass	500k	15.05M	17.816M	17.575M	17.991M	17.55M	17.916M	17.575M	17.916M
2462MHz_TnomVnom	Pass	500k	15.05M	17.841M	17.55M	17.666M	17.575M	17.716M	17.575M	17.816M
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	32.55M	36.082M	35.75M	36.282M	36.35M	36.382M	35.7M	36.082M
2437MHz_TnomVnom	Pass	500k	18.8M	35.932M	36.4M	36.332M	36M	36.382M	35.35M	36.082M
2452MHz_TnomVnom	Pass	500k	3.7M	36.282M	34.45M	35.932M	35.65M	35.832M	35.75M	36.332M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	500k	16.175M	18.966M	18.775M	18.841M	18.75M	18.916M	18.975M	18.991M
2437MHz_TnomVnom	Pass	500k	18.525M	19.015M	19.025M	19.09M	18.875M	19.04M	18.95M	19.065M
2462MHz_TnomVnom	Pass	500k	18.525M	18.991M	18.65M	18.916M	18.825M	18.966M	18.975M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	500k	33.85M	37.331M	37.35M	37.531M	37.55M	37.731M	36.95M	37.431M
2437MHz_TnomVnom	Pass	500k	31.3M	37.231M	37.8M	37.731M	37.55M	37.781M	36.65M	37.381M
2452MHz_TnomVnom	Pass	500k	18.65M	37.581M	32.8M	37.281M	36.4M	37.181M	37.7M	37.631M

Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

VHT20-BF_Nss1,(MCS0)_4TX **EBW**

2412MHz

10/05/2019

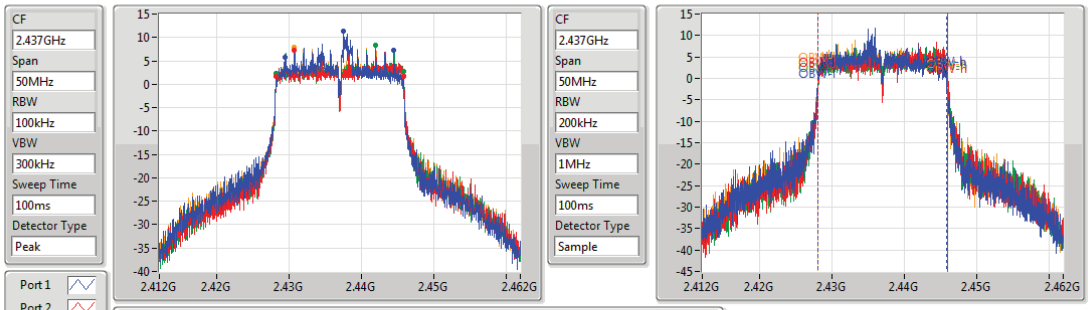


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.75M	2.4045G	2.41825G	17.741M	2.403154G	2.420896G	500k	1
17.275M	2.4032G	2.420475G	17.716M	2.403054G	2.420771G	500k	2
16.35M	2.4032G	2.41955G	17.691M	2.403054G	2.420746G	500k	3
17.575M	2.4032G	2.420775G	17.791M	2.403104G	2.420896G	500k	4

VHT20-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

10/05/2019

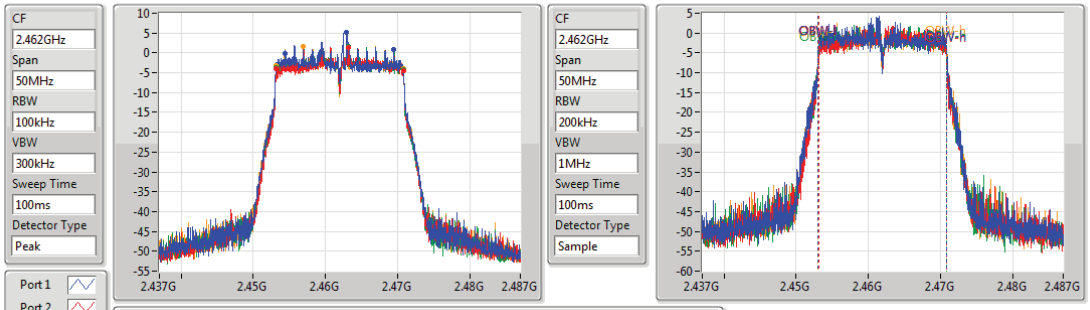


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.42945G	2.4445G	17.816M	2.428029G	2.445846G	500k	1
17.575M	2.428225G	2.4458G	17.991M	2.428054G	2.446045G	500k	2
17.55M	2.428225G	2.445775G	17.916M	2.428079G	2.445996G	500k	3
17.575M	2.4282G	2.445775G	17.916M	2.428004G	2.445921G	500k	4

VHT20-BF_Nss1,(MCS0)_4TX **EBW**

2462MHz

10/05/2019

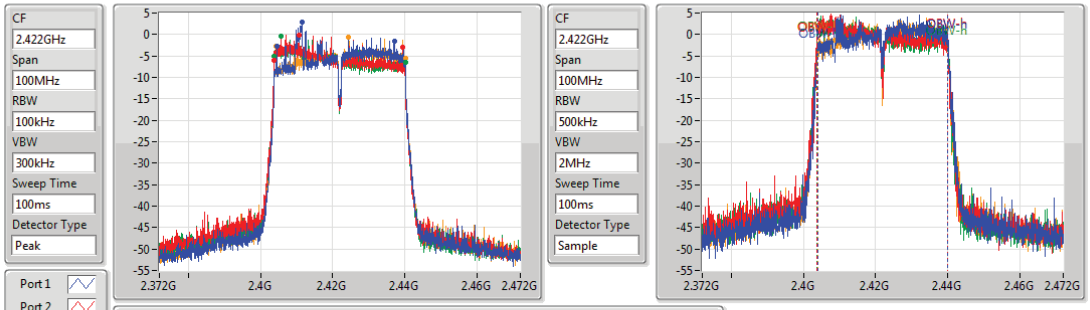


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.45445G	2.4695G	17.841M	2.453029G	2.470871G	500k	1
17.55M	2.453225G	2.470775G	17.666M	2.453154G	2.470821G	500k	2
17.575M	2.4532G	2.470775G	17.716M	2.453104G	2.470821G	500k	3
17.575M	2.4532G	2.470775G	17.816M	2.453079G	2.470896G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2422MHz

10/05/2019

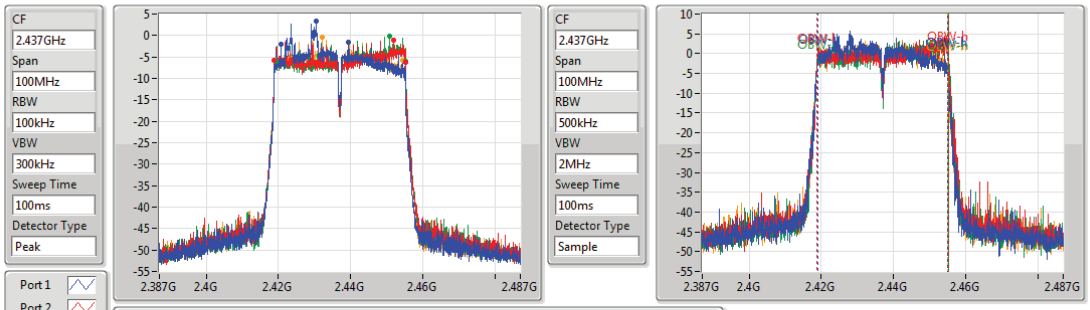


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.55M	2.4045G	2.43705G	36.082M	2.404009G	2.440091G	500k	1
35.75M	2.40375G	2.4395G	36.282M	2.403709G	2.439991G	500k	2
36.35M	2.4038G	2.44015G	36.382M	2.403709G	2.440091G	500k	3
35.7M	2.40445G	2.44015G	36.082M	2.404009G	2.440091G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

10/05/2019

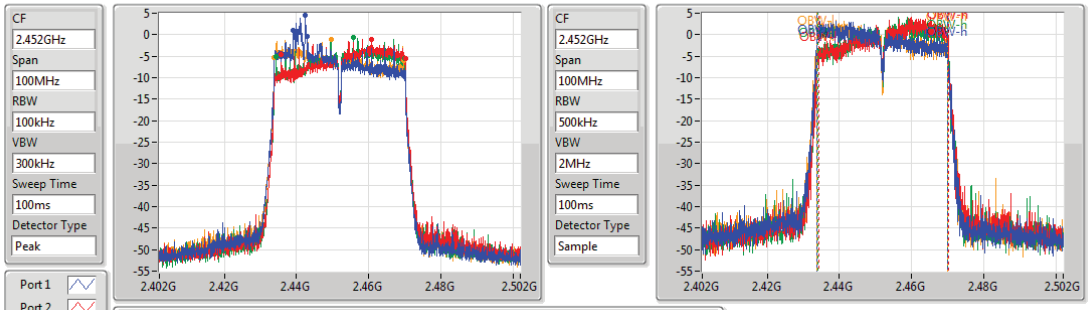


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.8M	2.4207G	2.4395G	35.932M	2.418959G	2.454891G	500k	1
36.4M	2.41885G	2.45525G	36.332M	2.418859G	2.455191G	500k	2
36M	2.4192G	2.4552G	36.382M	2.418859G	2.455241G	500k	3
35.35M	2.4191G	2.45445G	36.082M	2.418859G	2.454941G	500k	4

VHT40-BF_Nss1,(MCS0)_4TX **EBW**

2452MHz

10/05/2019

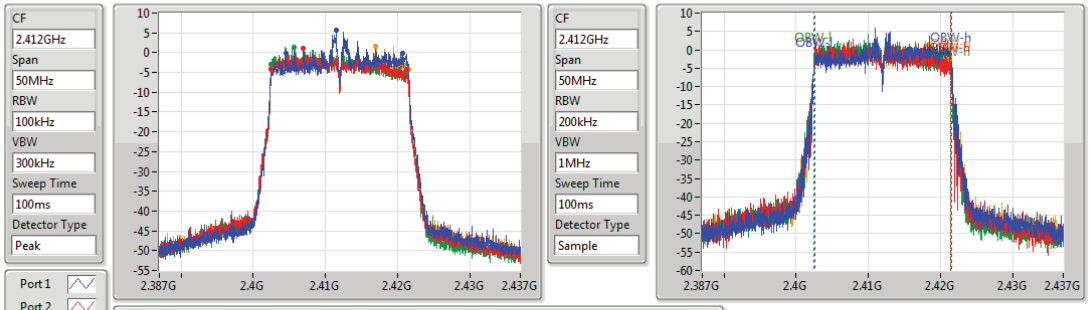


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.7M	2.43915G	2.44285G	36.282M	2.433659G	2.469941G	500k	1
34.45M	2.4357G	2.47015G	35.932M	2.434209G	2.470141G	500k	2
35.65M	2.43445G	2.4701G	35.832M	2.434159G	2.469991G	500k	3
35.75M	2.4338G	2.46955G	36.332M	2.433709G	2.470041G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

2412MHz

10/05/2019

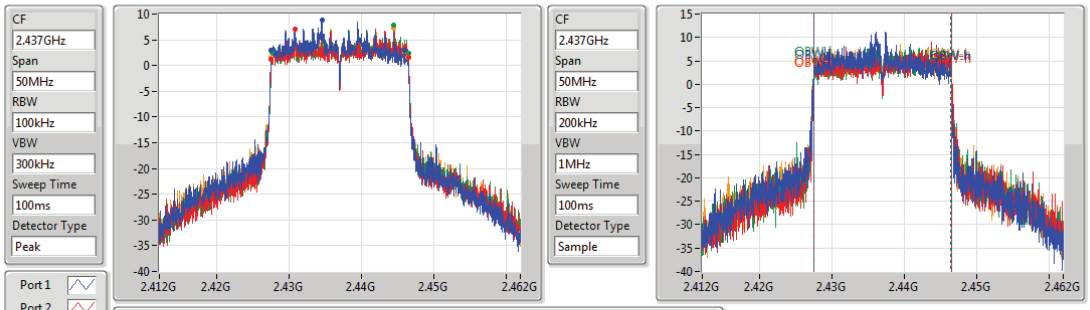


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.175M	2.4045G	2.420675G	18.966M	2.402555G	2.42152G	500k	1
18.775M	2.402525G	2.4213G	18.841M	2.40253G	2.42137G	500k	2
18.75M	2.4025G	2.42125G	18.916M	2.402455G	2.42137G	500k	3
18.975M	2.402525G	2.4215G	18.991M	2.402505G	2.421495G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

10/05/2019

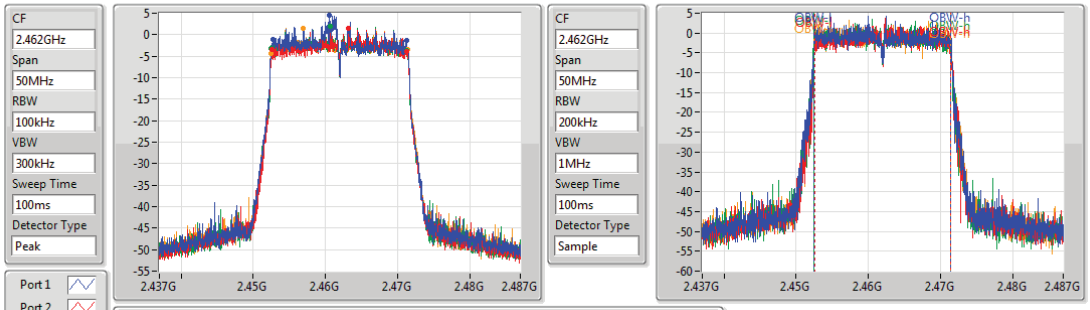


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.525M	2.427525G	2.44605G	19.015M	2.42743G	2.446445G	500k	1
19.025M	2.4275G	2.446525G	19.09M	2.427455G	2.446545G	500k	2
18.875M	2.4276G	2.446475G	19.04M	2.42748G	2.44652G	500k	3
18.95M	2.4275G	2.44645G	19.065M	2.42743G	2.446495G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

2462MHz

10/05/2019

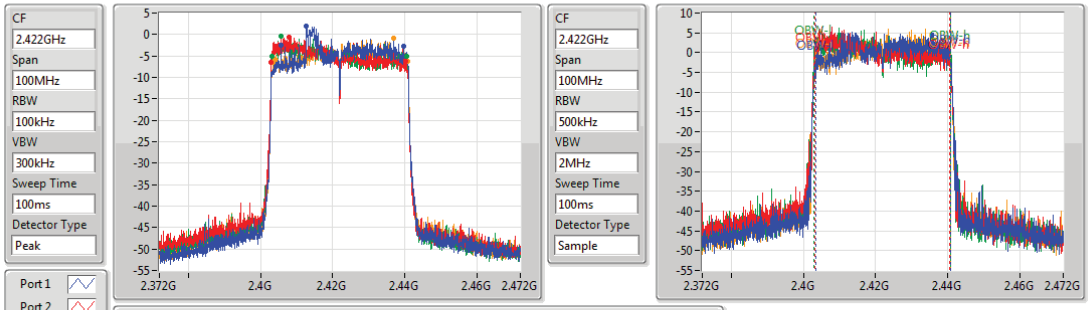


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.525M	2.452675G	2.4712G	18.991M	2.45248G	2.47147G	500k	1
18.65M	2.45265G	2.4713G	18.916M	2.45253G	2.471445G	500k	2
18.825M	2.4525G	2.471325G	18.966M	2.45248G	2.471445G	500k	3
18.975M	2.452475G	2.47145G	18.966M	2.452505G	2.47147G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

2422MHz

10/05/2019

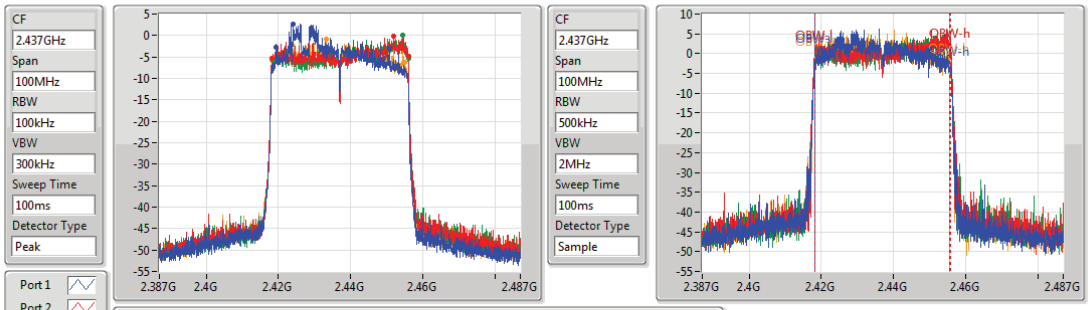


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.85M	2.4057G	2.43955G	37.331M	2.403409G	2.440741G	500k	1
37.35M	2.403G	2.44035G	37.531M	2.403059G	2.440591G	500k	2
37.55M	2.4031G	2.44065G	37.731M	2.403009G	2.440741G	500k	3
36.95M	2.4039G	2.44085G	37.431M	2.403309G	2.440741G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

10/05/2019

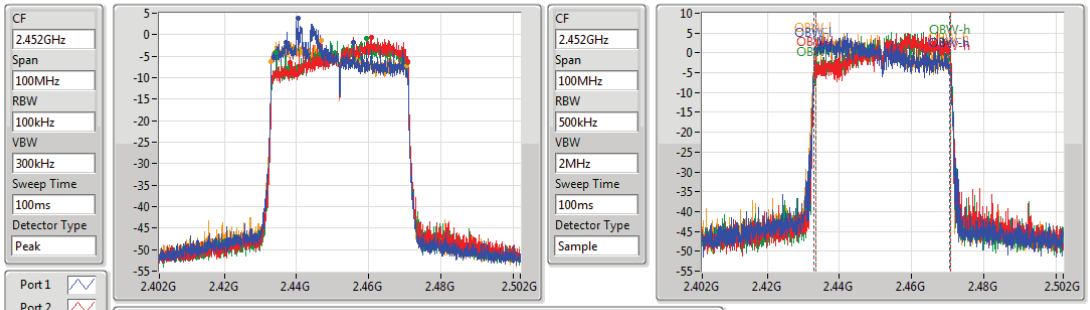


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.3M	2.41945G	2.45075G	37.231M	2.418259G	2.455491G	500k	1
37.8M	2.4182G	2.456G	37.731M	2.418159G	2.455891G	500k	2
37.55M	2.41845G	2.456G	37.781M	2.418159G	2.455941G	500k	3
36.65M	2.4182G	2.45485G	37.381M	2.418159G	2.455541G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

2452MHz

10/05/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.65M	2.4371G	2.45575G	37.581M	2.433009G	2.470591G	500k	1
32.8M	2.4381G	2.4709G	37.281M	2.433509G	2.470791G	500k	2
36.4M	2.43445G	2.47085G	37.181M	2.433559G	2.470741G	500k	3
37.7M	2.43295G	2.47065G	37.631M	2.433009G	2.470641G	500k	4

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	9.975M	13.943M	13M9G1D	9.05M	12.144M
802.11g_Nss1,(6Mbps)_2TX	16.375M	23.038M	23M0D1D	16.325M	16.617M
VHT20_Nss1,(MCS0)_2TX	17.6M	20.94M	20M9D1D	17.575M	17.791M
VHT40_Nss1,(MCS0)_2TX	36.35M	36.332M	36M3D1D	36.3M	36.232M

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

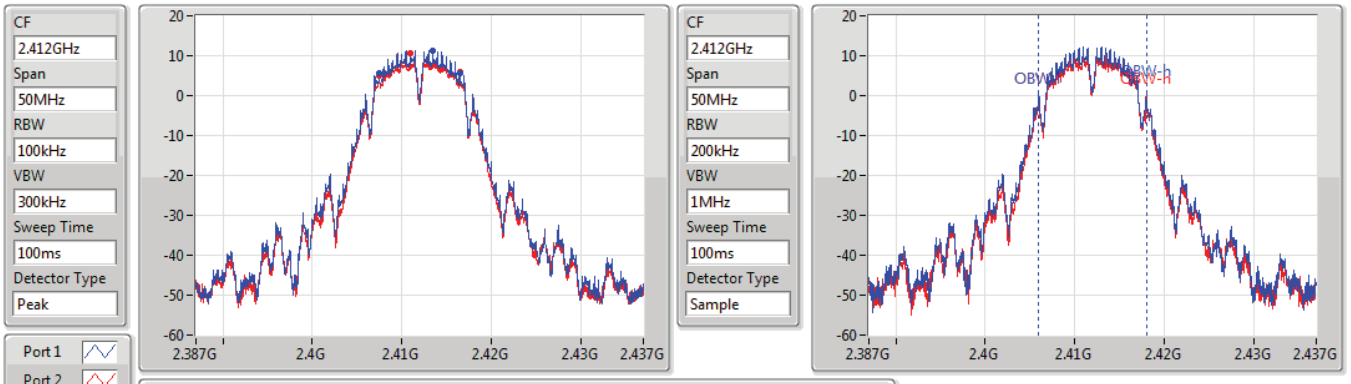
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	9.05M	12.144M	9.05M	12.144M
2437MHz	Pass	500k	9.975M	13.943M	9.525M	12.744M
2462MHz	Pass	500k	9.05M	12.544M	9.05M	12.169M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.617M	16.35M	16.617M
2437MHz	Pass	500k	16.325M	23.038M	16.375M	18.941M
2462MHz	Pass	500k	16.35M	16.667M	16.35M	16.642M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.841M	17.575M	17.791M
2437MHz	Pass	500k	17.575M	20.94M	17.575M	18.591M
2462MHz	Pass	500k	17.575M	17.816M	17.6M	17.816M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.3M	36.232M	36.35M	36.232M
2437MHz	Pass	500k	36.3M	36.232M	36.35M	36.332M
2452MHz	Pass	500k	36.3M	36.232M	36.35M	36.232M

Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX EBW

2412MHz

07/05/2019

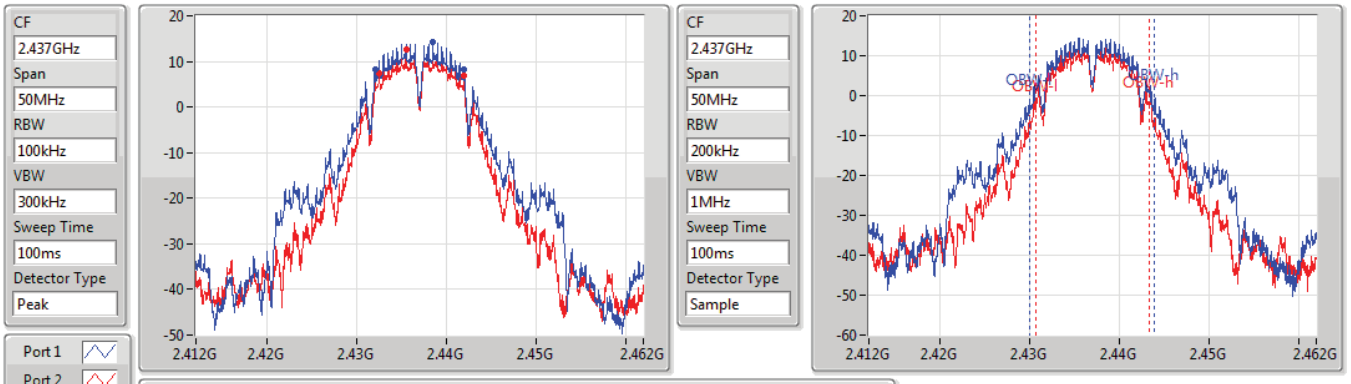


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.407475G	2.416525G	12.144M	2.405878G	2.418022G	500k	1
9.05M	2.40745G	2.4165G	12.144M	2.405903G	2.418047G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

07/05/2019



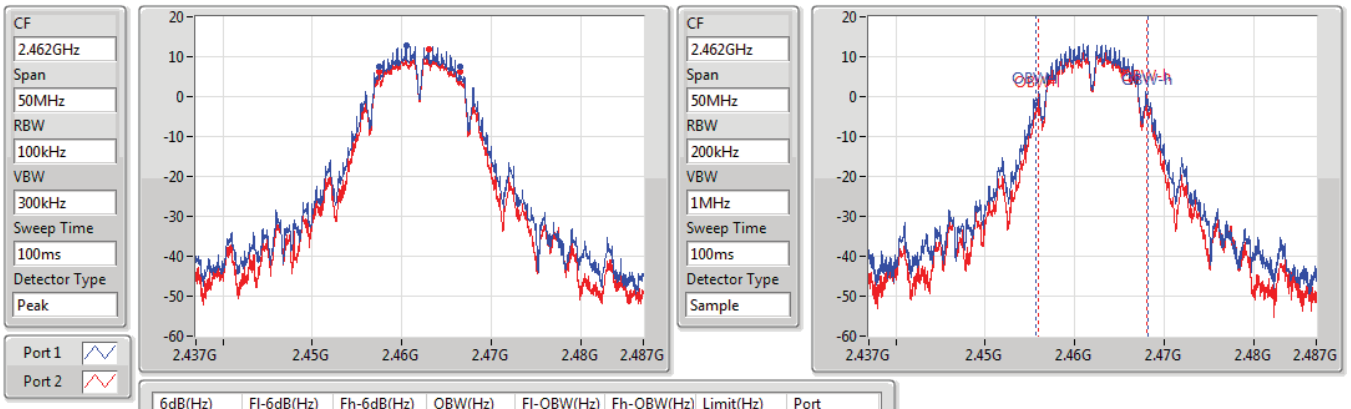
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.975M	2.432G	2.441975G	13.943M	2.430003G	2.443947G	500k	1
9.525M	2.43245G	2.441975G	12.744M	2.430603G	2.443347G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

07/05/2019



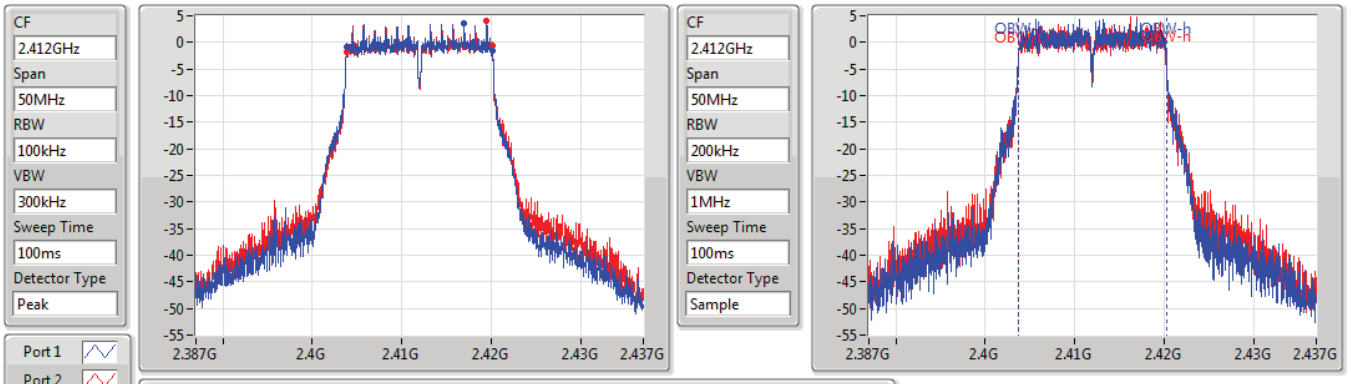
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.45745G	2.4665G	12.544M	2.455678G	2.468222G	500k	1
9.05M	2.45745G	2.4665G	12.169M	2.455878G	2.468047G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

07/05/2019

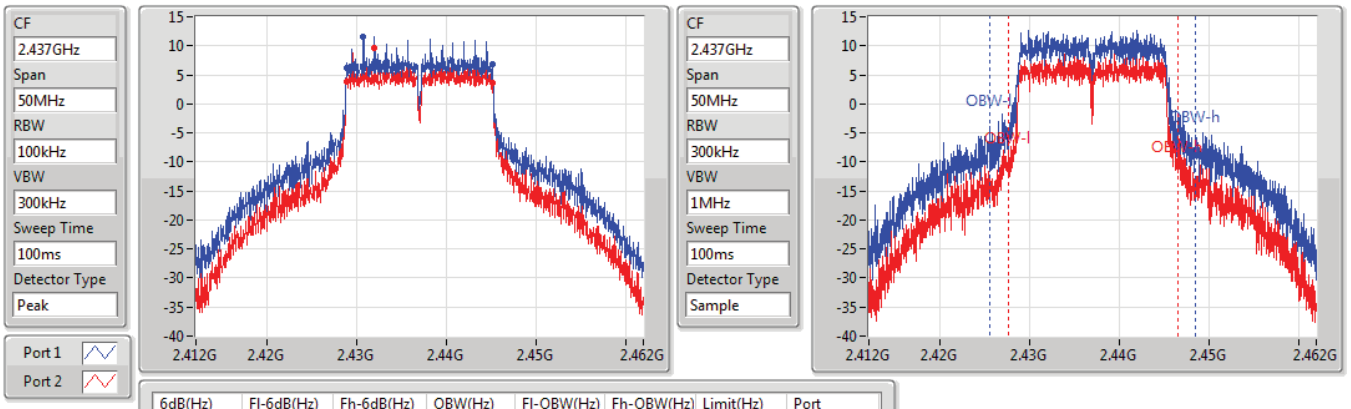


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.617M	2.403679G	2.420296G	500k	1
16.35M	2.4038G	2.42015G	16.617M	2.403679G	2.420296G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2437MHz

07/05/2019

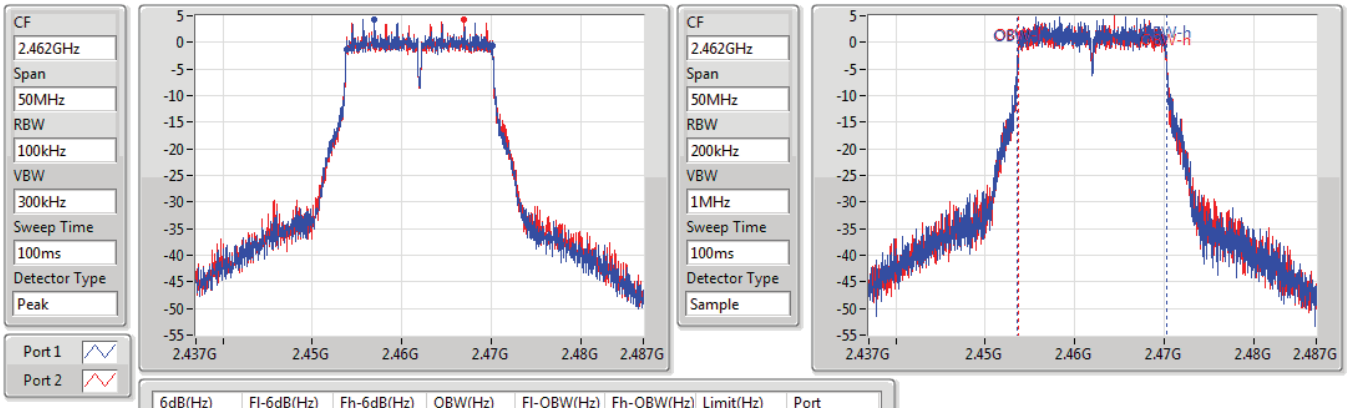


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.428825G	2.44515G	23.038M	2.425481G	2.448519G	500k	1
16.375M	2.4288G	2.445175G	18.941M	2.427655G	2.446595G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

07/05/2019

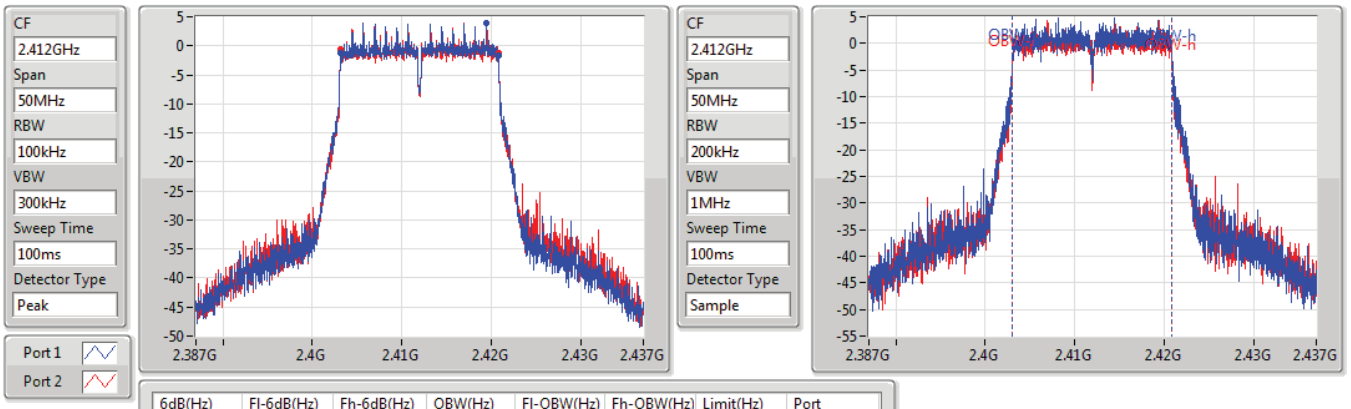


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4538G	2.47015G	16.667M	2.453629G	2.470296G	500k	1
16.35M	2.4538G	2.47015G	16.642M	2.453654G	2.470296G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2412MHz

07/05/2019

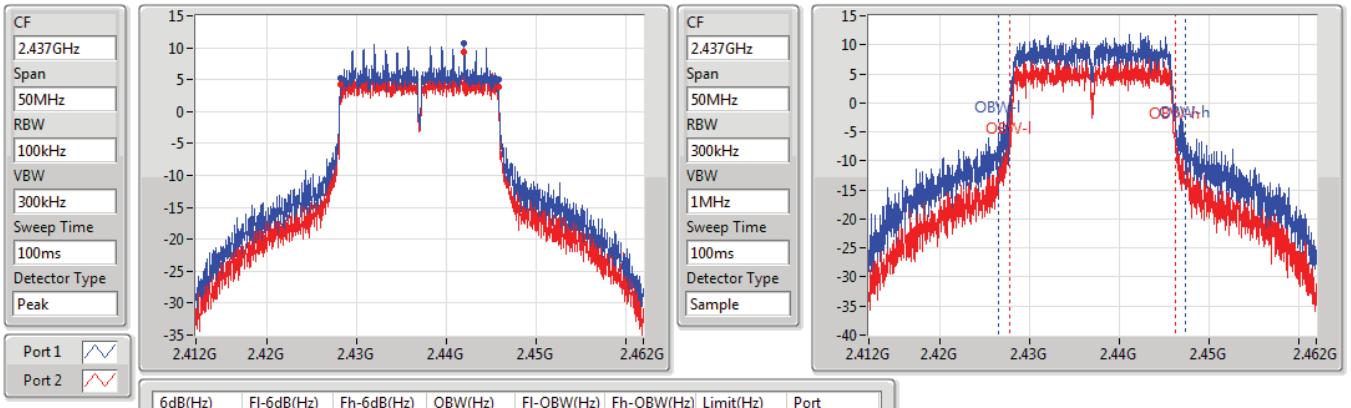


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.841M	2.403054G	2.420896G	500k	1
17.575M	2.4032G	2.420775G	17.791M	2.403079G	2.420871G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2437MHz

07/05/2019

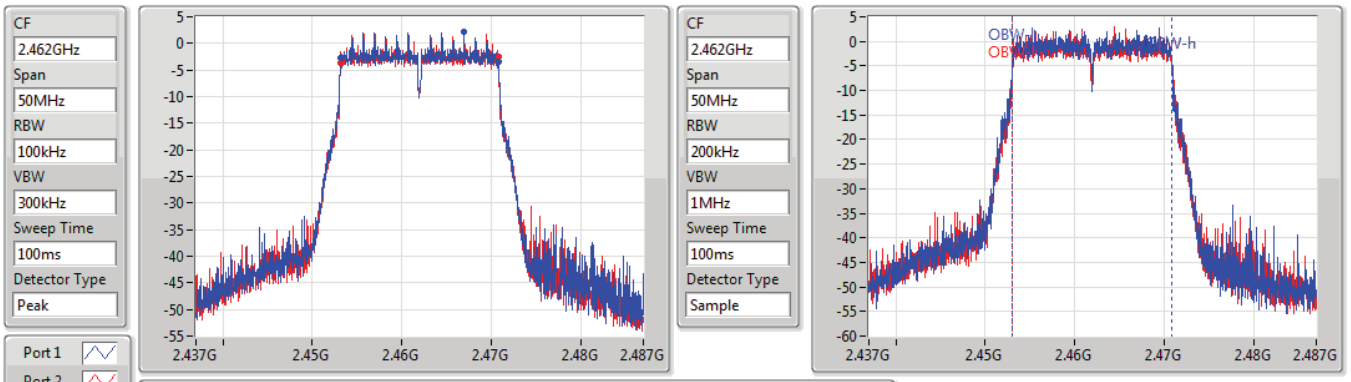


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4282G	2.445775G	20.94M	2.42648G	2.44742G	500k	1
17.575M	2.4282G	2.445775G	18.591M	2.42768G	2.44627G	500k	2

VHT20_Nss1,(MCS0)_2TX EBW

2462MHz

07/05/2019

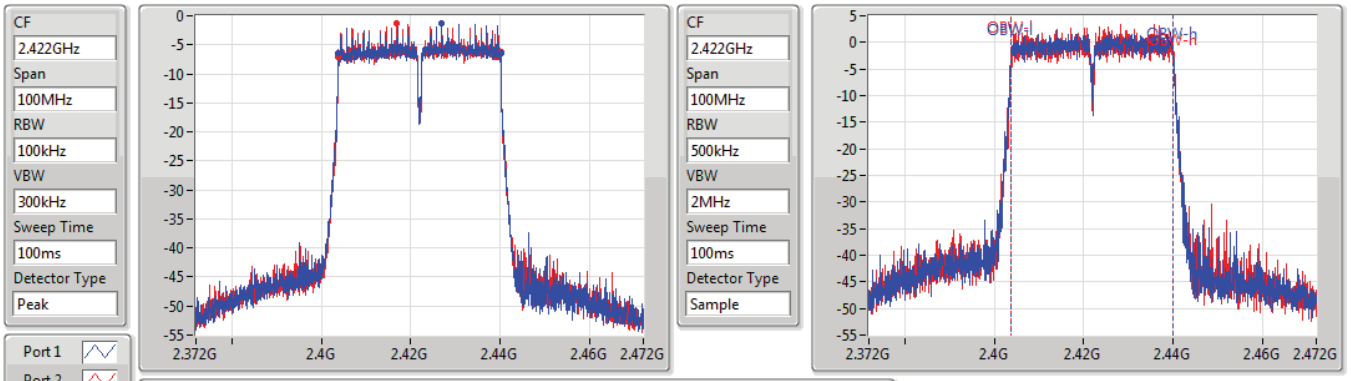


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.816M	2.453054G	2.470871G	500k	1
17.6M	2.453175G	2.470775G	17.816M	2.453054G	2.470871G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2422MHz

07/05/2019

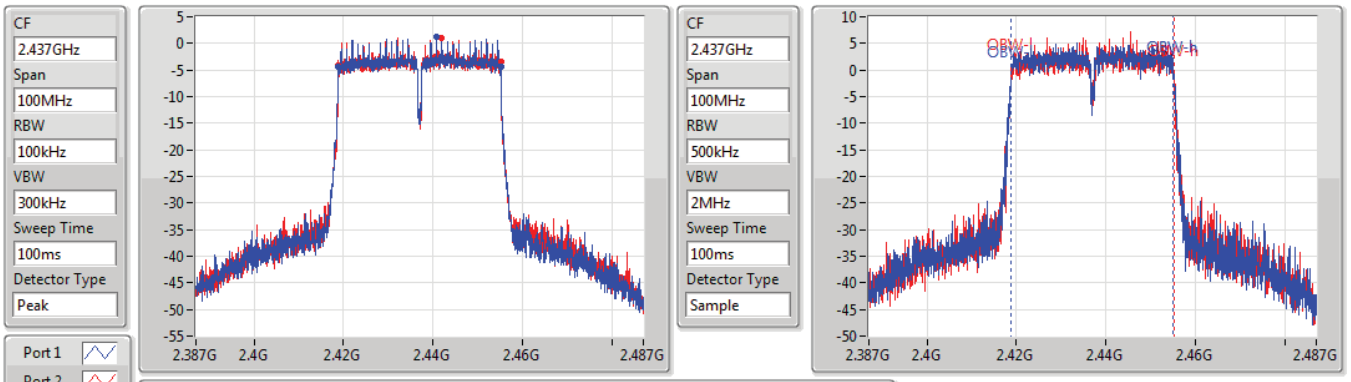


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.40385G	2.44015G	36.232M	2.403859G	2.440091G	500k	1
36.35M	2.4038G	2.44015G	36.232M	2.403859G	2.440091G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2437MHz

07/05/2019

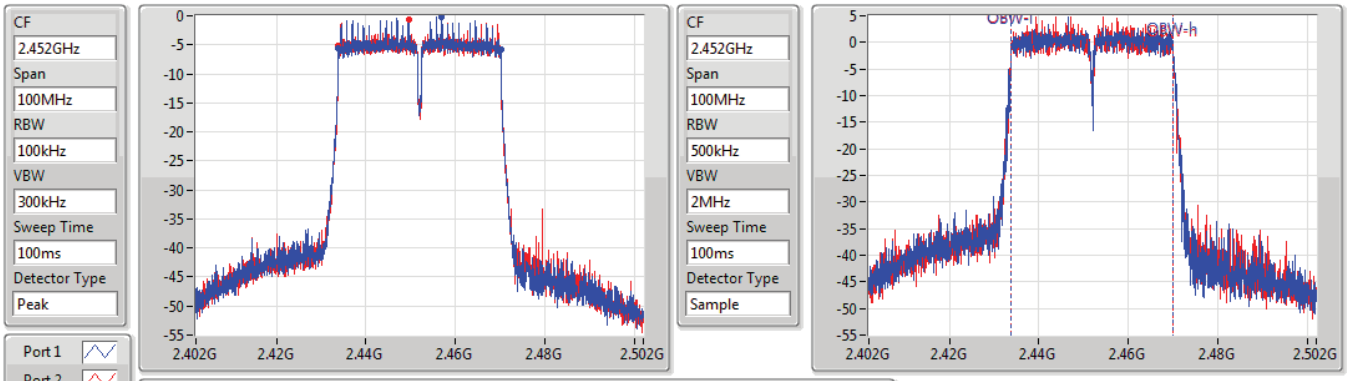


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.232M	2.418859G	2.455091G	500k	1
36.35M	2.4188G	2.45515G	36.332M	2.418809G	2.455141G	500k	2

VHT40_Nss1,(MCS0)_2TX EBW

2452MHz

07/05/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.232M	2.433859G	2.470091G	500k	1
36.35M	2.4338G	2.47015G	36.232M	2.433859G	2.470091G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	28.99	0.79250
802.11g_Nss1,(6Mbps)_4TX	25.81	0.38107
VHT20_Nss1,(MCS0)_4TX	24.13	0.25882
VHT40_Nss1,(MCS0)_4TX	19.67	0.09268
802.11ax HEW20_Nss1,(MCS0)_4TX	24.38	0.27416
802.11ax HEW40_Nss1,(MCS0)_4TX	19.92	0.09817

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	21.36	21.40	21.29	21.57	27.43	30.00
2417MHz	Pass	4.00	21.69	21.64	21.54	21.72	27.67	30.00
2437MHz	Pass	4.00	22.91	23.03	22.84	23.09	28.99	30.00
2457MHz	Pass	4.00	20.82	20.85	20.84	21.13	26.93	30.00
2462MHz	Pass	4.00	20.38	20.25	20.25	20.61	26.40	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	14.11	14.02	14.25	14.50	20.24	30.00
2417MHz	Pass	4.00	15.96	15.90	15.94	16.30	22.05	30.00
2437MHz	Pass	4.00	19.78	19.60	19.74	20.04	25.81	30.00
2457MHz	Pass	4.00	15.08	15.11	15.13	15.38	21.20	30.00
2462MHz	Pass	4.00	14.34	14.18	14.35	14.65	20.40	30.00
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	12.55	12.30	12.54	12.62	18.52	30.00
2417MHz	Pass	4.00	14.36	14.38	14.42	14.55	20.45	30.00
2437MHz	Pass	4.00	18.15	18.01	17.95	18.33	24.13	30.00
2457MHz	Pass	4.00	13.99	13.74	14.01	14.28	20.03	30.00
2462MHz	Pass	4.00	11.78	11.65	11.91	12.06	17.87	30.00
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.00	10.36	10.59	10.25	10.38	16.42	30.00
2427MHz	Pass	4.00	10.92	10.89	10.70	11.07	16.92	30.00
2437MHz	Pass	4.00	13.58	13.77	13.54	13.71	19.67	30.00
2447MHz	Pass	4.00	13.03	13.24	13.32	13.43	19.28	30.00
2452MHz	Pass	4.00	12.30	12.72	12.55	12.57	18.56	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.00	12.90	12.66	12.73	12.81	18.80	30.00
2417MHz	Pass	4.00	14.69	14.73	14.85	15.11	20.87	30.00
2437MHz	Pass	4.00	18.33	18.22	18.35	18.53	24.38	30.00
2457MHz	Pass	4.00	14.33	14.10	14.26	14.57	20.34	30.00
2462MHz	Pass	4.00	12.03	11.79	12.10	12.35	18.09	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.00	10.68	10.65	10.52	10.49	16.61	30.00
2427MHz	Pass	4.00	11.03	11.09	11.13	11.20	17.13	30.00
2437MHz	Pass	4.00	13.77	13.97	13.84	14.00	19.92	30.00
2447MHz	Pass	4.00	13.18	13.50	13.50	13.46	19.43	30.00
2452MHz	Pass	4.00	12.65	12.73	12.84	13.00	18.83	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
VHT20-BF_Nss1,(MCS0)_4TX	24.45	0.27861
VHT40-BF_Nss1,(MCS0)_4TX	19.59	0.09099
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.56	0.28576
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.93	0.09840

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	10.02	12.14	12.11	12.65	12.13	18.28	25.98
2417MHz_TnomVnom	Pass	10.02	15.35	15.42	15.00	15.02	21.22	25.98
2437MHz_TnomVnom	Pass	10.02	18.60	18.39	18.44	18.29	24.45	25.98
2457MHz_TnomVnom	Pass	10.02	14.06	14.65	14.68	14.29	20.45	25.98
2462MHz_TnomVnom	Pass	10.02	13.45	12.84	12.71	12.58	18.93	25.98
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	10.02	13.24	13.20	13.77	13.16	19.37	25.98
2437MHz_TnomVnom	Pass	10.02	13.21	12.81	13.08	13.55	19.19	25.98
2447MHz_TnomVnom	Pass	10.02	13.78	13.34	13.90	13.24	19.59	25.98
2452MHz_TnomVnom	Pass	10.02	12.62	12.91	13.54	12.62	18.96	25.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	10.02	12.55	12.14	12.64	12.44	18.47	25.98
2417MHz_TnomVnom	Pass	10.02	15.03	15.32	15.48	15.54	21.37	25.98
2437MHz_TnomVnom	Pass	10.02	18.60	18.38	18.27	18.88	24.56	25.98
2457MHz_TnomVnom	Pass	10.02	14.90	14.20	15.02	15.03	20.82	25.98
2462MHz_TnomVnom	Pass	10.02	13.06	12.50	12.94	13.22	18.96	25.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	10.02	13.64	13.47	13.93	14.09	19.81	25.98
2437MHz_TnomVnom	Pass	10.02	13.17	13.16	13.38	13.32	19.28	25.98
2447MHz_TnomVnom	Pass	10.02	13.37	13.93	14.00	14.27	19.93	25.98
2452MHz_TnomVnom	Pass	10.02	12.72	13.05	12.92	13.09	18.97	25.98

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted average output power is for reference only

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.39	0.34594
802.11g_Nss1,(6Mbps)_2TX	24.56	0.28576
VHT20_Nss1,(MCS0)_2TX	23.92	0.24660
VHT40_Nss1,(MCS0)_2TX	18.59	0.07228

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	20.70	19.67	23.23	30.00
2417MHz	Pass	4.00	22.22	20.72	24.54	30.00
2437MHz	Pass	4.00	23.20	21.37	25.39	30.00
2457MHz	Pass	4.00	18.18	21.30	23.02	30.00
2462MHz	Pass	4.00	21.76	20.67	24.26	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	15.40	15.42	18.42	30.00
2417MHz	Pass	4.00	17.41	16.64	20.05	30.00
2437MHz	Pass	4.00	22.32	20.61	24.56	30.00
2457MHz	Pass	4.00	17.46	17.09	20.29	30.00
2462MHz	Pass	4.00	16.06	15.60	18.85	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.00	15.77	15.21	18.51	30.00
2417MHz	Pass	4.00	17.28	16.88	20.09	30.00
2437MHz	Pass	4.00	21.62	20.05	23.92	30.00
2457MHz	Pass	4.00	17.43	16.89	20.18	30.00
2462MHz	Pass	4.00	13.91	13.55	16.74	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.00	13.21	12.92	16.08	30.00
2427MHz	Pass	4.00	13.35	13.06	16.22	30.00
2437MHz	Pass	4.00	15.74	15.42	18.59	30.00
2447MHz	Pass	4.00	14.29	14.16	17.24	30.00
2452MHz	Pass	4.00	13.97	13.89	16.94	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	3.87
802.11g_Nss1,(6Mbps)_4TX	-1.88
VHT20_Nss1,(MCS0)_4TX	-3.94
VHT40_Nss1,(MCS0)_4TX	-10.65
802.11ax HEW20_Nss1,(MCS0)_4TX	-3.54
802.11ax HEW40_Nss1,(MCS0)_4TX	-10.97

RBW=3 kHz.

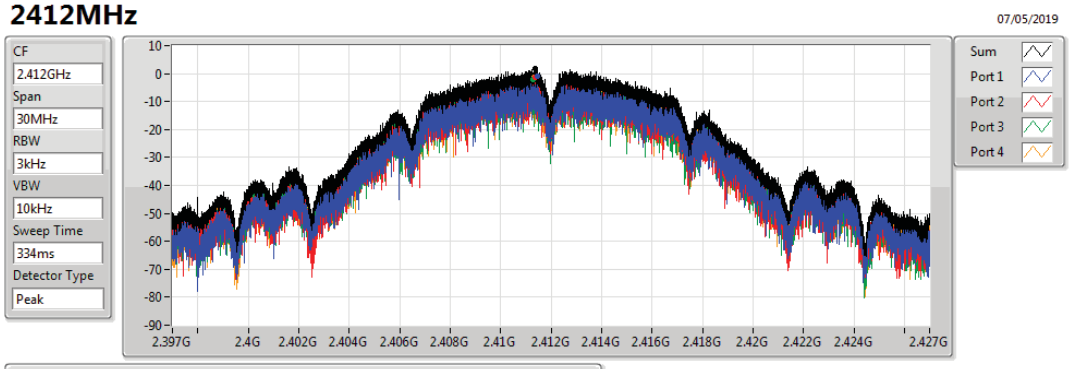
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.02	-1.05	-1.32	-2.22	-1.18	1.66	3.98
2437MHz	Pass	10.02	-0.78	0.93	0.43	0.88	3.87	3.98
2462MHz	Pass	10.02	-1.96	-1.28	-3.03	-2.19	1.02	3.98
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.02	-11.95	-11.78	-12.20	-11.70	-6.77	3.98
2437MHz	Pass	10.02	-5.94	-6.81	-6.57	-6.68	-1.88	3.98
2462MHz	Pass	10.02	-11.92	-11.92	-11.83	-12.29	-7.16	3.98
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.02	-13.33	-13.22	-13.16	-13.85	-8.44	3.98
2437MHz	Pass	10.02	-8.39	-8.24	-7.86	-7.46	-3.94	3.98
2462MHz	Pass	10.02	-14.44	-14.58	-14.92	-13.74	-9.67	3.98
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	10.02	-18.56	-17.70	-18.50	-18.43	-14.32	3.98
2437MHz	Pass	10.02	-14.58	-15.25	-15.42	-15.05	-10.65	3.98
2452MHz	Pass	10.02	-16.47	-15.34	-16.70	-15.82	-11.30	3.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	10.02	-12.35	-14.84	-13.94	-13.91	-9.09	3.98
2437MHz	Pass	10.02	-8.11	-8.67	-8.67	-5.95	-3.54	3.98
2462MHz	Pass	10.02	-12.95	-15.88	-14.59	-14.74	-9.47	3.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	10.02	-18.18	-17.94	-19.03	-19.22	-13.17	3.98
2437MHz	Pass	10.02	-15.76	-15.78	-15.66	-14.46	-10.97	3.98
2452MHz	Pass	10.02	-17.05	-16.29	-16.50	-15.97	-11.51	3.98

DG = Directional Gain; RBW=3 kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_4TX **PSD**

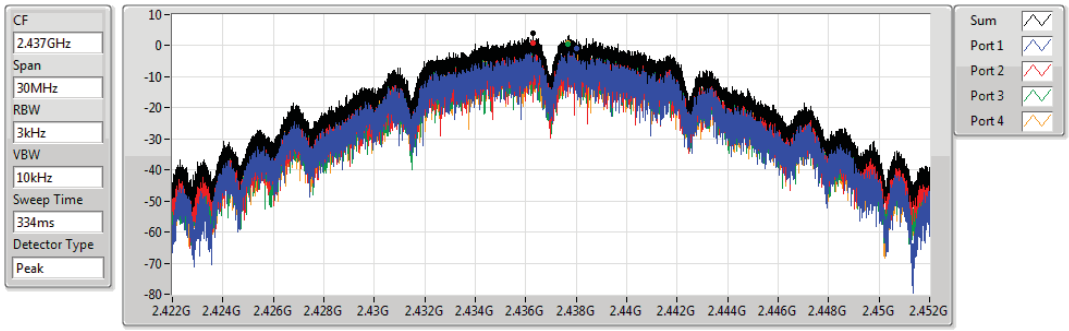
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.66	1.66	-1.05	-1.32	-2.22	-1.18

802.11b_Nss1,(1Mbps)_4TX **PSD**

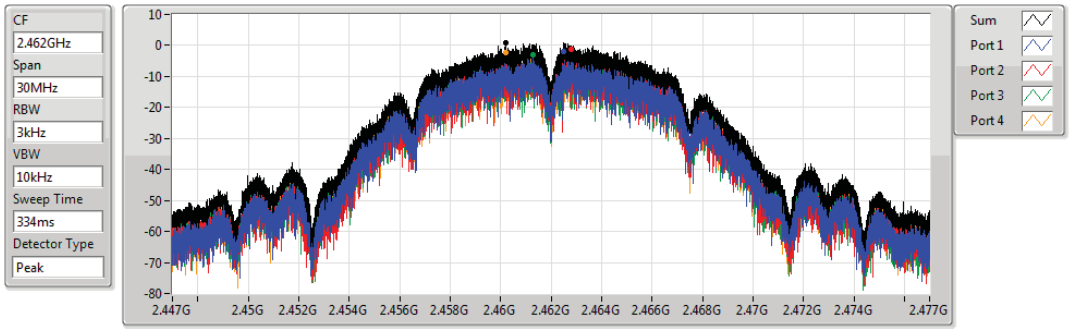
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	-0.78	0.93	0.43	0.88

802.11b_Nss1,(1Mbps)_4TX **PSD**

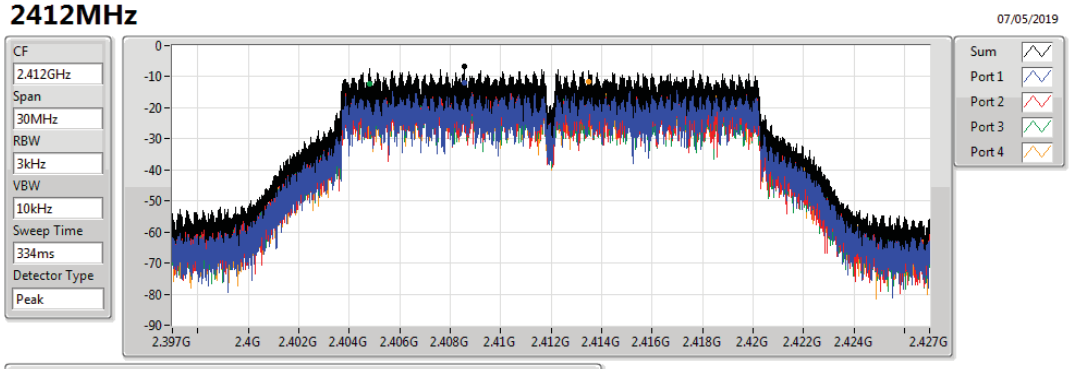
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.02	1.02	-1.96	-1.28	-3.03	-2.19

802.11g_Nss1,(6Mbps)_4TX **PSD**

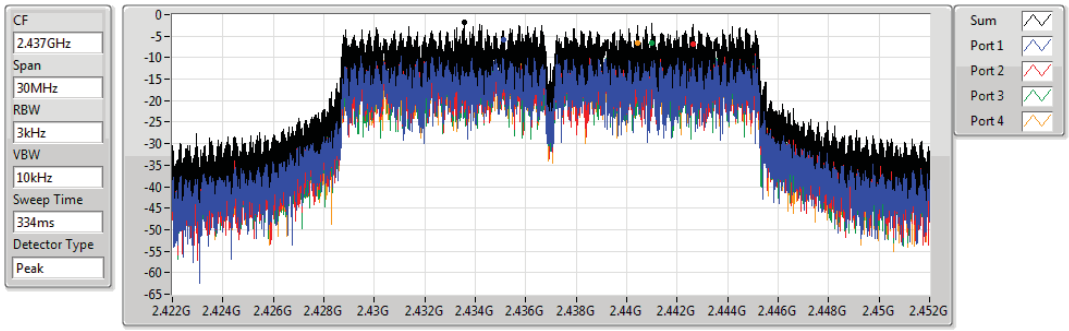
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.77	-6.77	-11.95	-11.78	-12.20	-11.70

802.11g_Nss1,(6Mbps)_4TX **PSD**

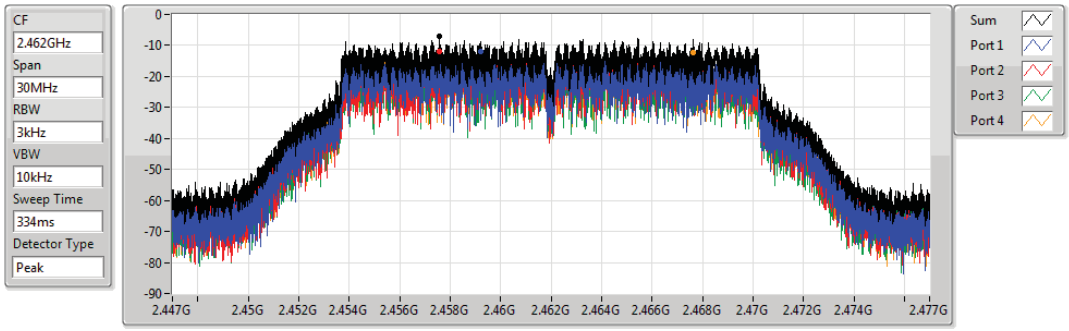
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.88	-1.88	-5.94	-6.81	-6.57	-6.68

802.11g_Nss1,(6Mbps)_4TX **PSD**

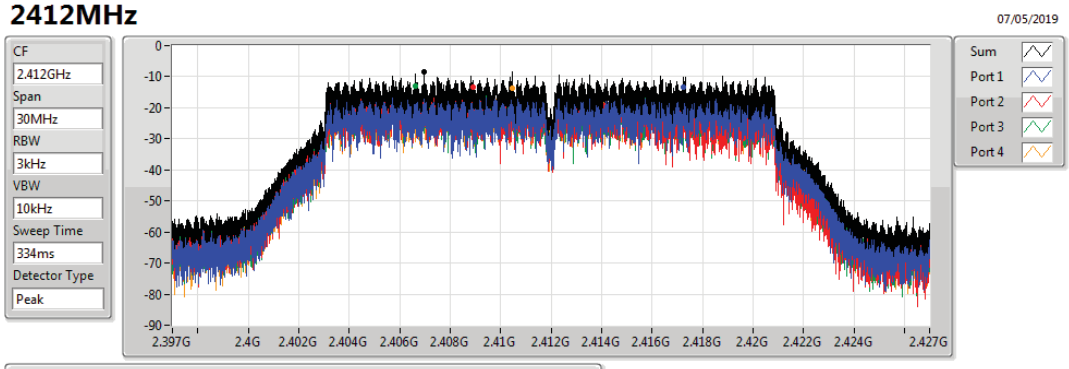
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.16	-7.16	-11.92	-11.92	-11.83	-12.29

VHT20_Nss1,(MCS0)_4TX **PSD**

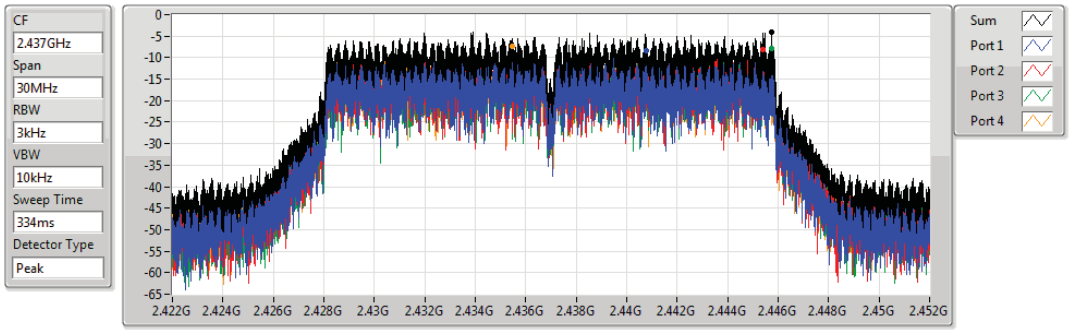
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.44	-8.44	-13.33	-13.22	-13.16	-13.85

VHT20_Nss1,(MCS0)_4TX **PSD**

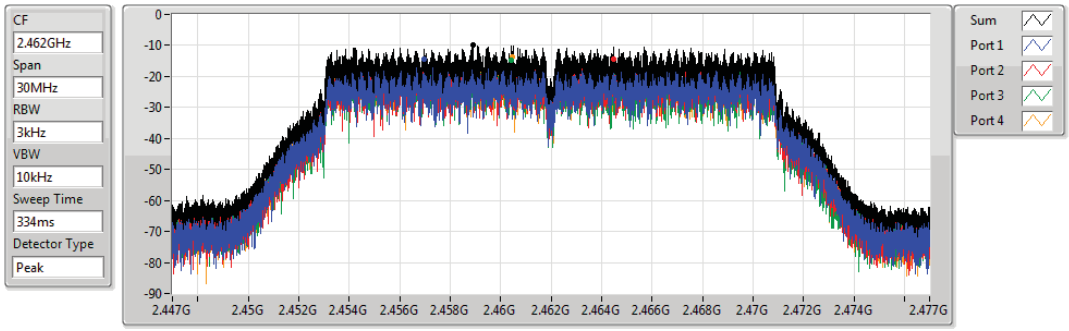
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.94	-3.94	-8.39	-8.24	-7.86	-7.46

VHT20_Nss1,(MCS0)_4TX **PSD**

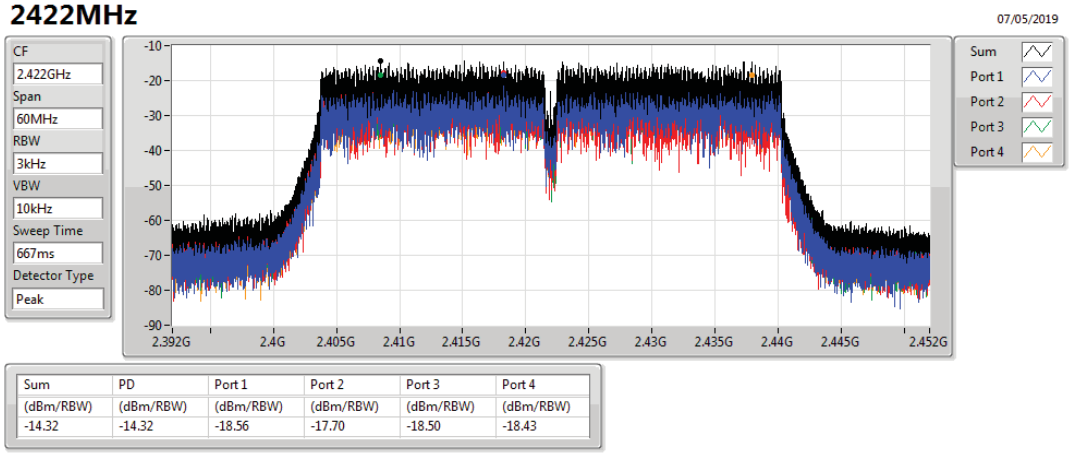
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.67	-9.67	-14.44	-14.58	-14.92	-13.74

VHT40_Nss1,(MCS0)_4TX **PSD**

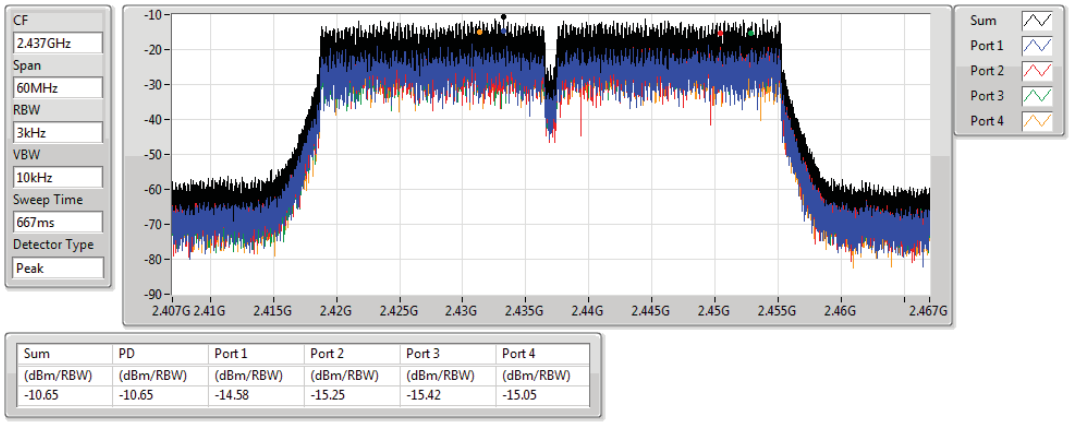
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.32	-14.32	-18.56	-17.70	-18.50	-18.43

VHT40_Nss1,(MCS0)_4TX **PSD**

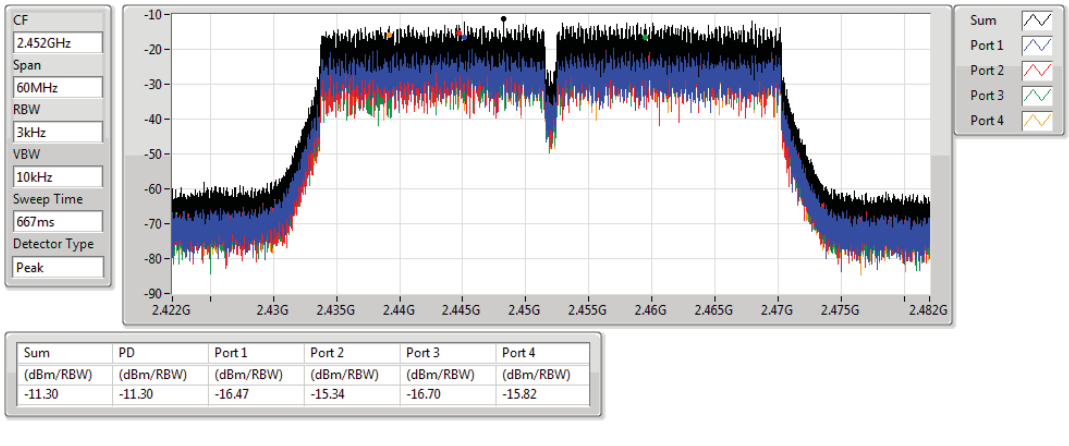
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.65	-10.65	-14.58	-15.25	-15.42	-15.05

VHT40_Nss1,(MCS0)_4TX **PSD**

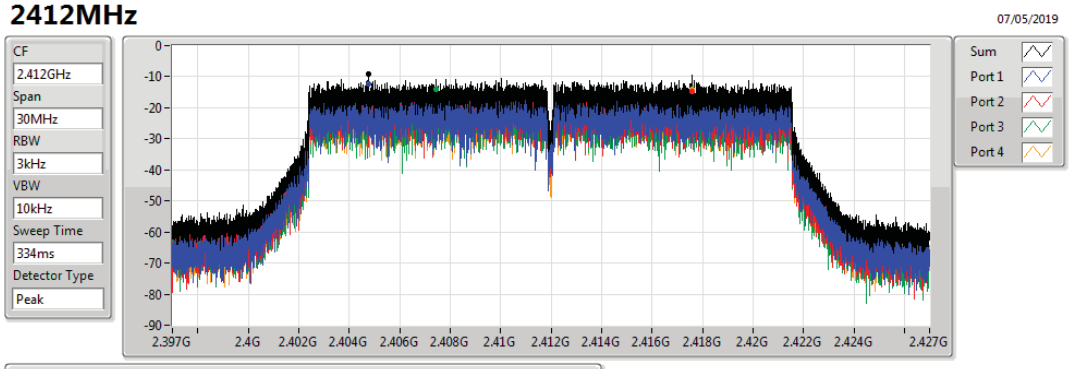
2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.30	-11.30	-16.47	-15.34	-16.70	-15.82

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.09	-9.09	-12.35	-14.84	-13.94	-13.91

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

2437MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.54	-3.54	-8.11	-8.67	-8.67	-5.95

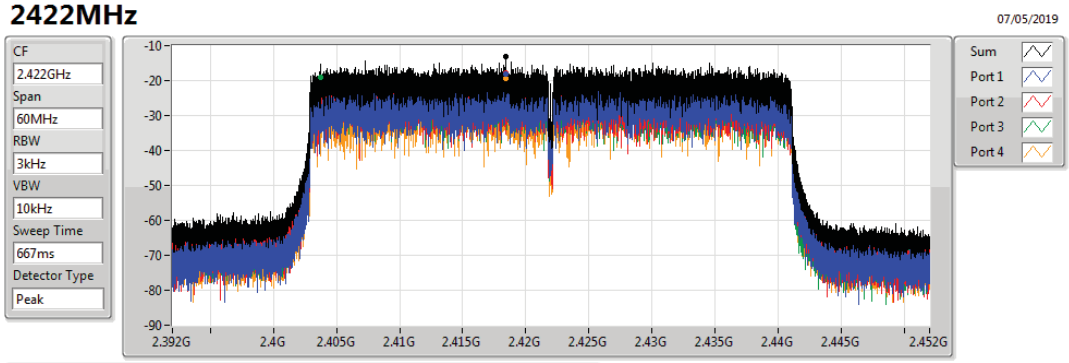
802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

2462MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.47	-9.47	-12.95	-15.88	-14.59	-14.74

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

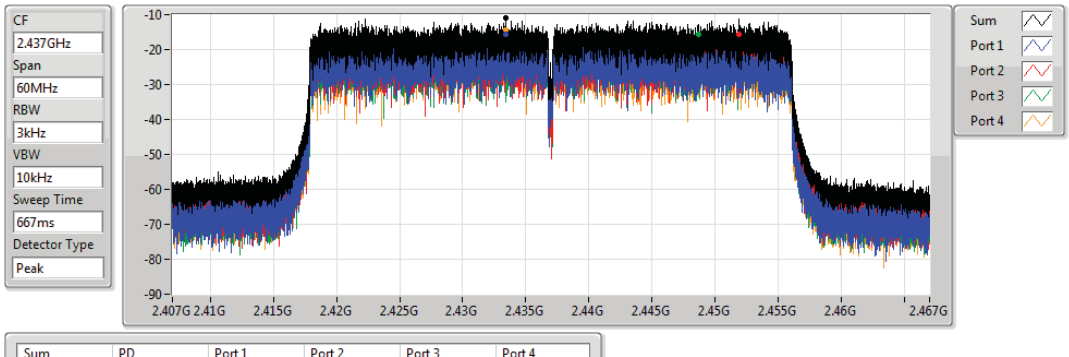
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.17	-13.17	-18.18	-17.94	-19.03	-19.22

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

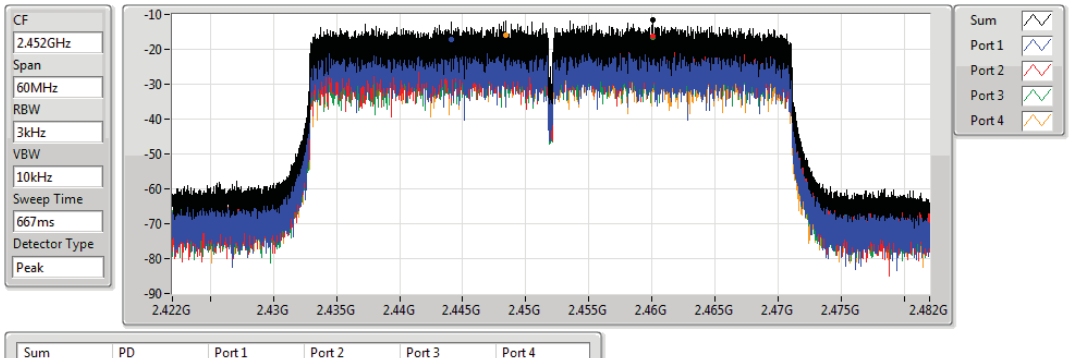
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.97	-10.97	-15.76	-15.78	-15.66	-14.46

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.51	-11.51	-17.05	-16.29	-16.50	-15.97

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss1,(MCS0)_4TX	-2.33
VHT40-BF_Nss1,(MCS0)_4TX	-8.26
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-3.14
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-8.00

RBW=3kHz.

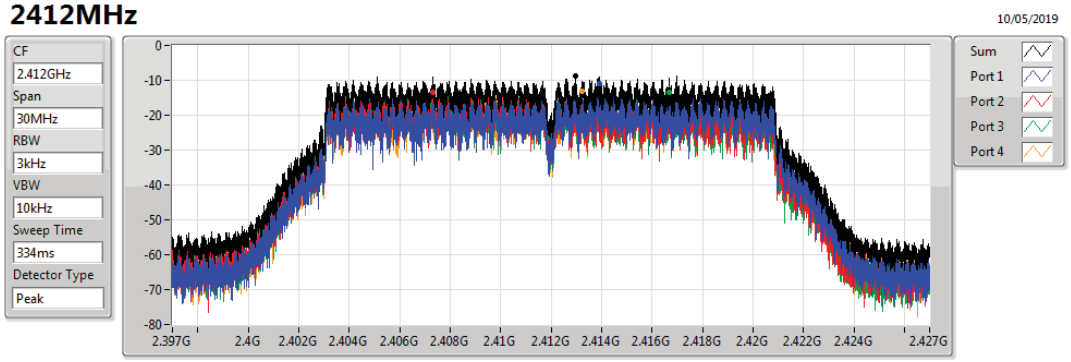
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	10.02	-10.98	-13.50	-13.44	-13.10	-8.80	3.98
2437MHz_TnomVnom	Pass	10.02	-4.77	-6.47	-6.88	-7.75	-2.33	3.98
2462MHz_TnomVnom	Pass	10.02	-12.16	-12.54	-12.76	-13.04	-8.14	3.98
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	10.02	-11.46	-11.08	-14.12	-14.14	-8.26	3.98
2437MHz_TnomVnom	Pass	10.02	-12.29	-13.23	-11.35	-14.21	-9.55	3.98
2452MHz_TnomVnom	Pass	10.02	-12.81	-13.34	-14.60	-13.18	-10.37	3.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	10.02	-11.41	-13.81	-13.37	-12.87	-9.66	3.98
2437MHz_TnomVnom	Pass	10.02	-6.34	-8.38	-8.06	-7.49	-3.14	3.98
2462MHz_TnomVnom	Pass	10.02	-12.74	-13.05	-13.53	-12.87	-8.46	3.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	10.02	-12.79	-14.58	-14.34	-15.10	-11.36	3.98
2437MHz_TnomVnom	Pass	10.02	-8.33	-14.11	-14.30	-13.71	-8.00	3.98
2452MHz_TnomVnom	Pass	10.02	-12.04	-13.66	-14.22	-15.79	-10.95	3.98

DG = Directional Gain; RBW=3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

VHT20-BF_Nss1,(MCS0)_4TX **PSD**

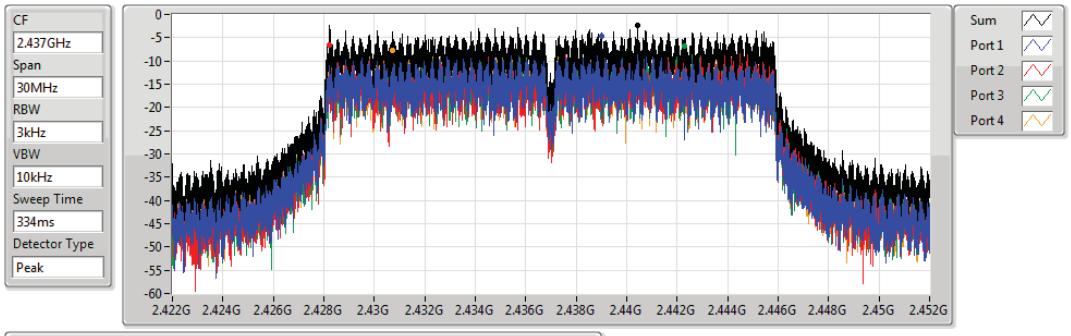
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.80	-8.80	-10.98	-13.50	-13.44	-13.10

VHT20-BF_Nss1,(MCS0)_4TX **PSD**

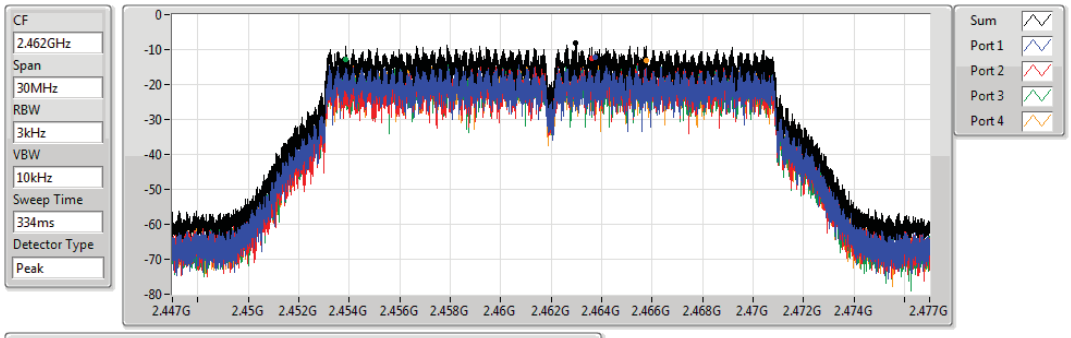
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.33	-2.33	-4.77	-6.47	-6.88	-7.75

VHT20-BF_Nss1,(MCS0)_4TX **PSD**

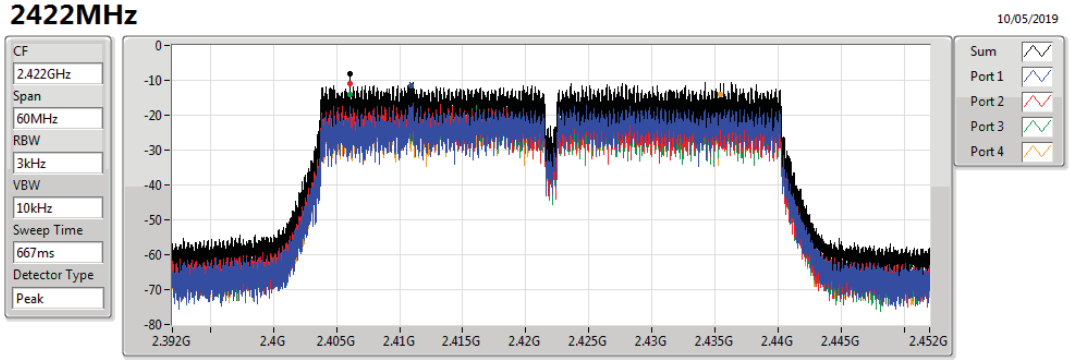
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.14	-8.14	-12.16	-12.54	-12.76	-13.04

VHT40-BF_Nss1,(MCS0)_4TX **PSD**

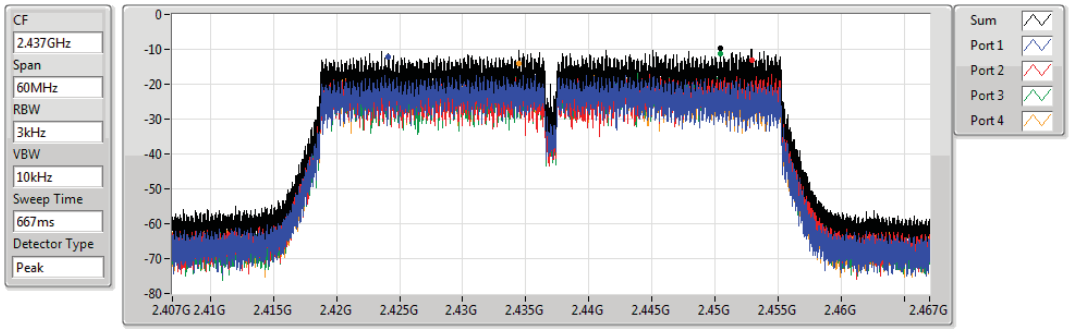
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.26	-8.26	-11.46	-11.08	-14.12	-14.14

VHT40-BF_Nss1,(MCS0)_4TX **PSD**

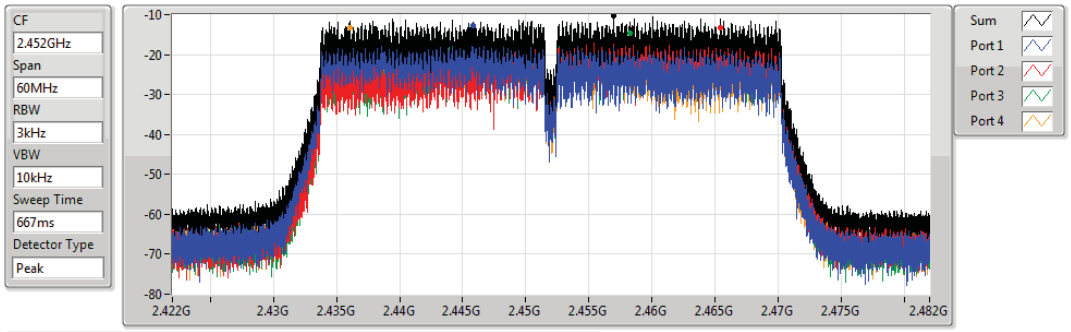
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.55	-9.55	-12.29	-13.23	-11.35	-14.21

VHT40-BF_Nss1,(MCS0)_4TX **PSD**

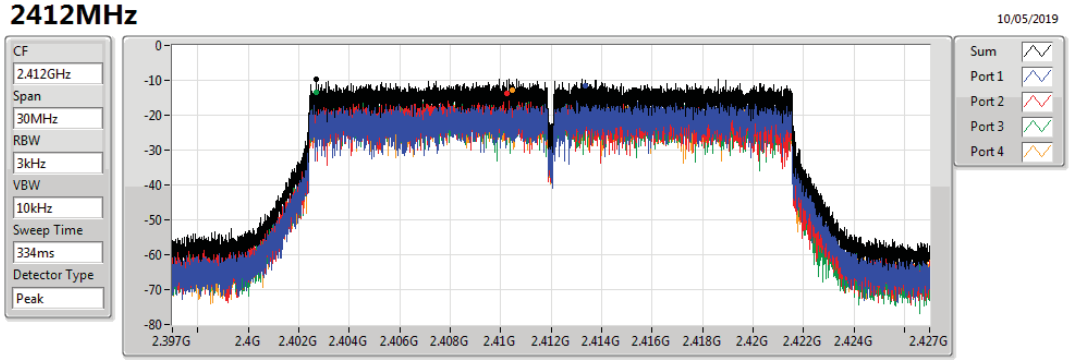
2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.37	-10.37	-12.81	-13.34	-14.60	-13.18

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

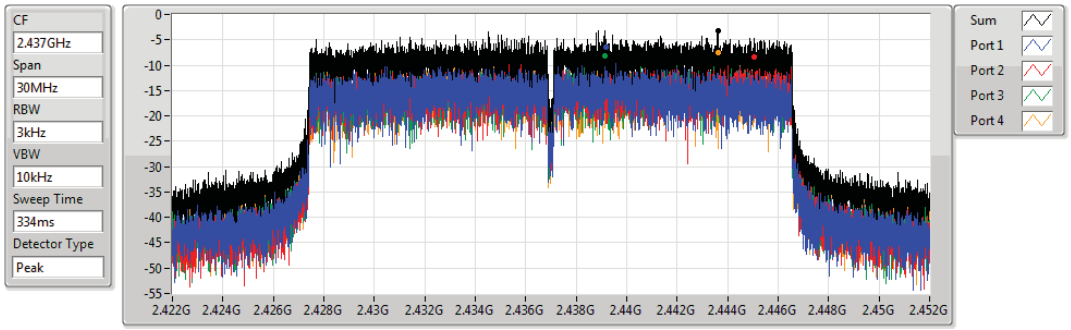
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.66	-9.66	-11.41	-13.81	-13.37	-12.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

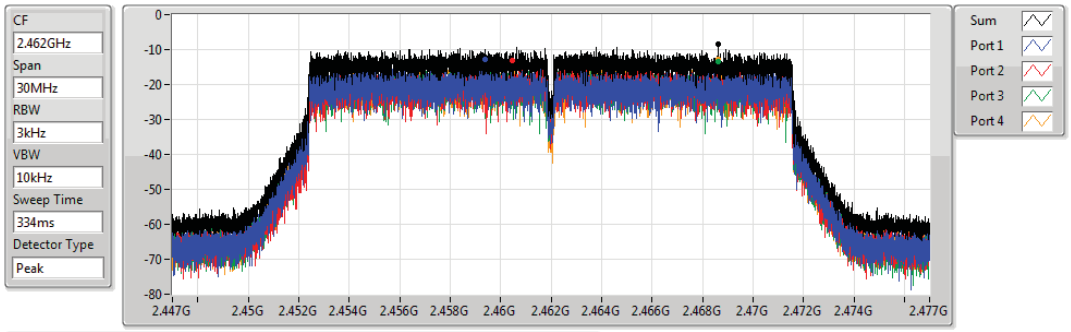
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.14	-3.14	-6.34	-8.38	-8.06	-7.49

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

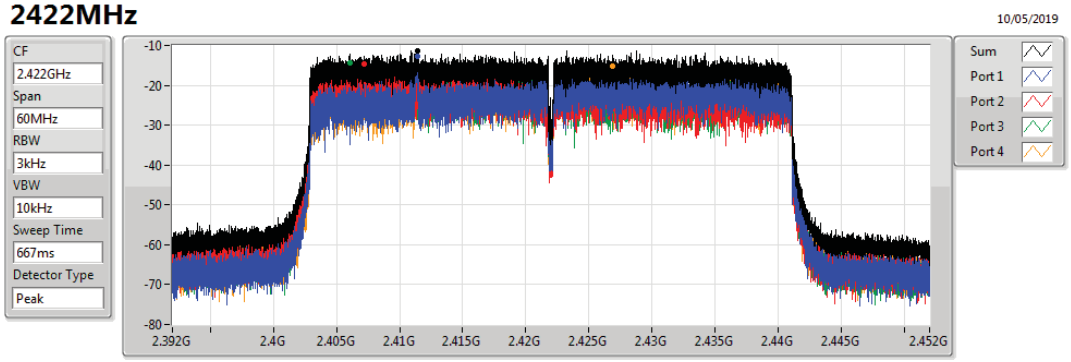
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.46	-8.46	-12.74	-13.05	-13.53	-12.87

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

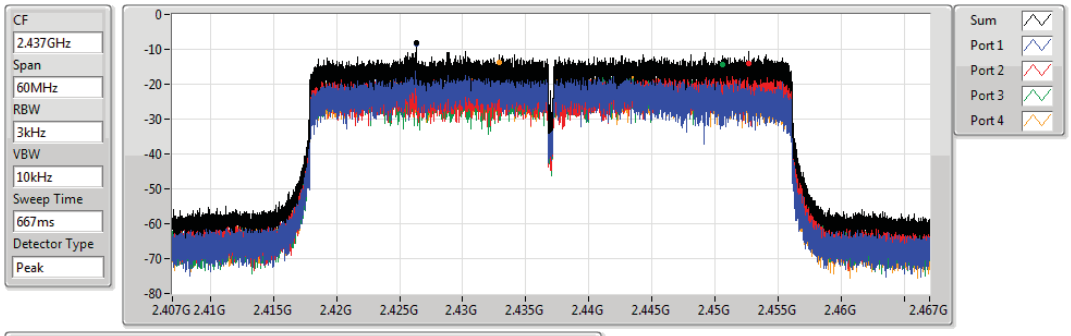
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.36	-11.36	-12.79	-14.58	-14.34	-15.10

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

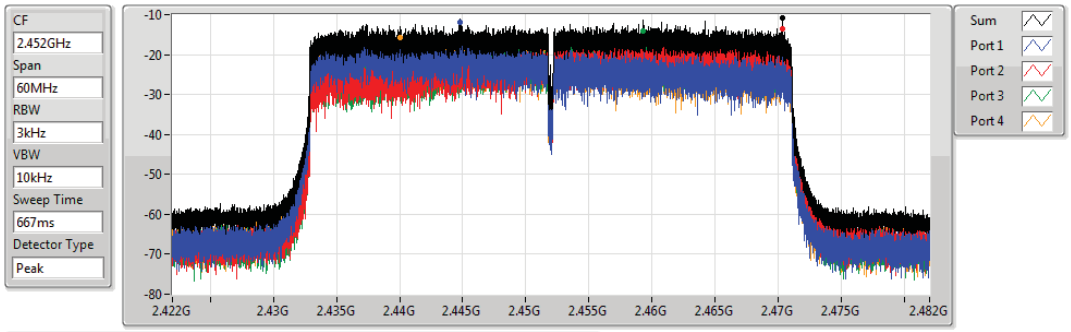
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.00	-8.00	-8.33	-14.11	-14.30	-13.71

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.95	-10.95	-12.04	-13.66	-14.22	-15.79

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.42
802.11g_Nss1,(6Mbps)_2TX	-3.15
VHT20_Nss1,(MCS0)_2TX	-3.29
VHT40_Nss1,(MCS0)_2TX	-11.80

RBW=3 kHz.

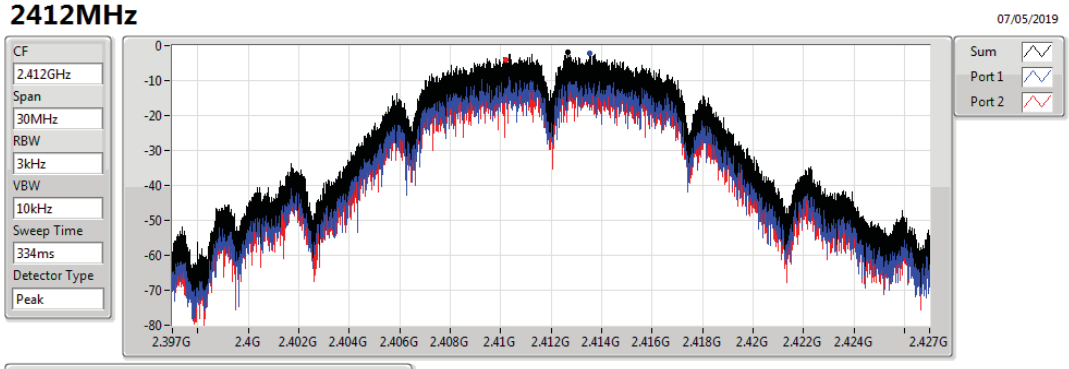
Result

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	7.01	-2.24	-4.09	-1.98	6.99
2437MHz	Pass	7.01	-0.03	-1.61	0.42	6.99
2462MHz	Pass	7.01	-2.33	-2.78	-1.19	6.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	-9.68	-10.94	-7.45	6.99
2437MHz	Pass	7.01	-4.11	-6.29	-3.15	6.99
2462MHz	Pass	7.01	-10.01	-11.09	-8.44	6.99
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.01	-10.85	-10.55	-9.38	6.99
2437MHz	Pass	7.01	-4.12	-5.90	-3.29	6.99
2462MHz	Pass	7.01	-12.61	-12.85	-10.46	6.99
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.01	-15.99	-15.85	-14.73	6.99
2437MHz	Pass	7.01	-13.38	-13.80	-11.80	6.99
2452MHz	Pass	7.01	-15.25	-13.29	-12.55	6.99

DG = Directional Gain; RBW=3 kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_2TX **PSD**

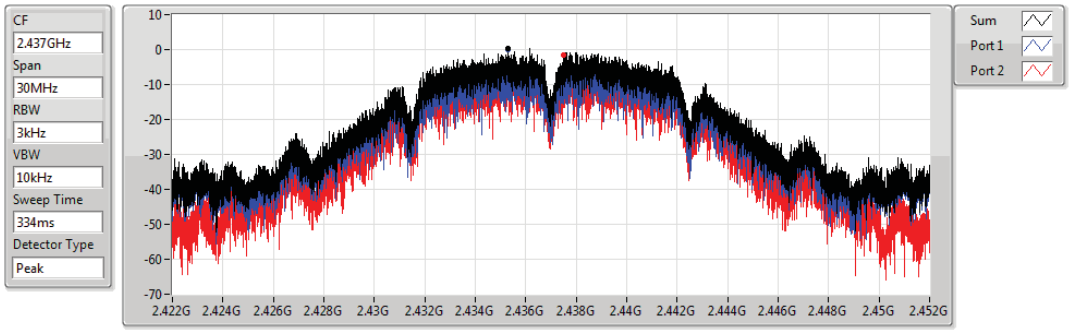
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.98	-1.98	-2.24	-4.09

802.11b_Nss1,(1Mbps)_2TX **PSD**

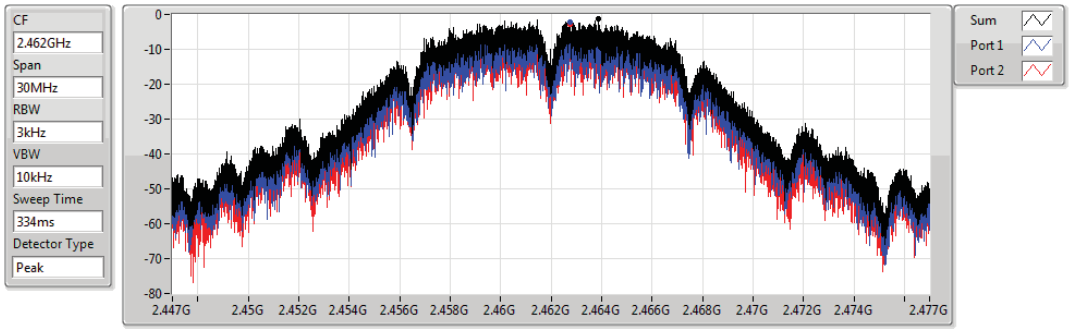
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.42	0.42	-0.03	-1.61

802.11b_Nss1,(1Mbps)_2TX **PSD**

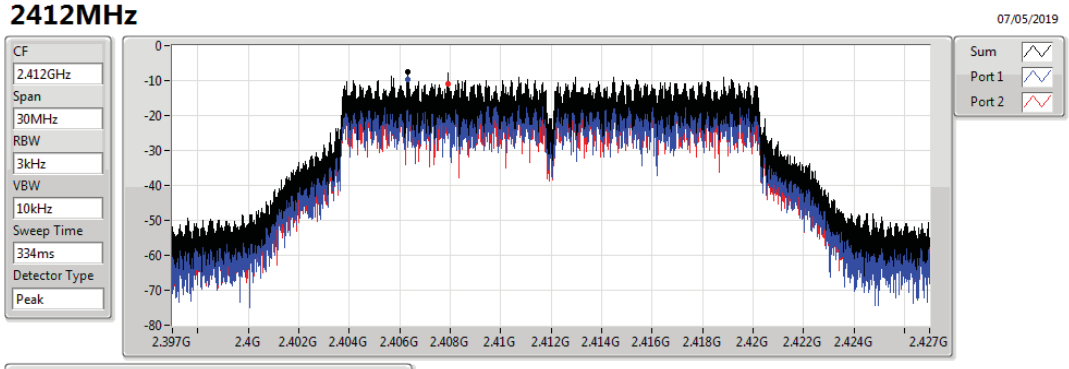
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.19	-1.19	-2.33	-2.78

802.11g_Nss1,(6Mbps)_2TX **PSD**

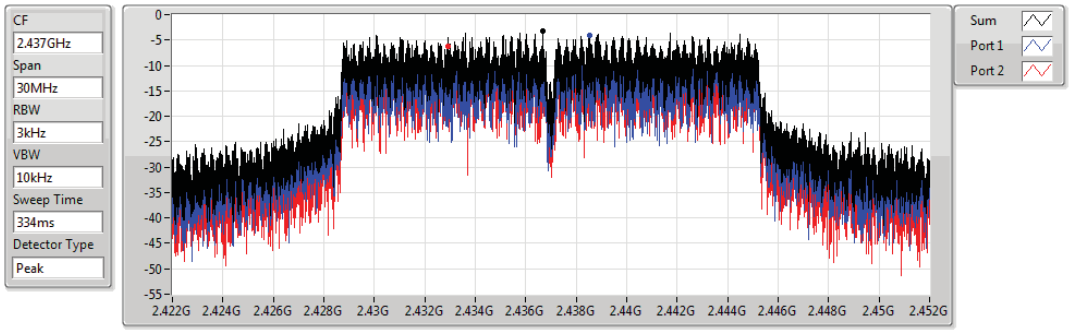
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.45	-7.45	-9.68	-10.94

802.11g_Nss1,(6Mbps)_2TX **PSD**

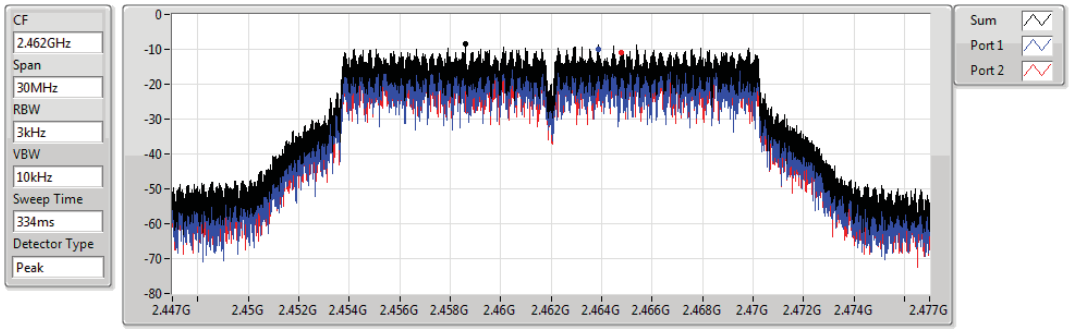
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.15	-3.15	-4.11	-6.29

802.11g_Nss1,(6Mbps)_2TX **PSD**

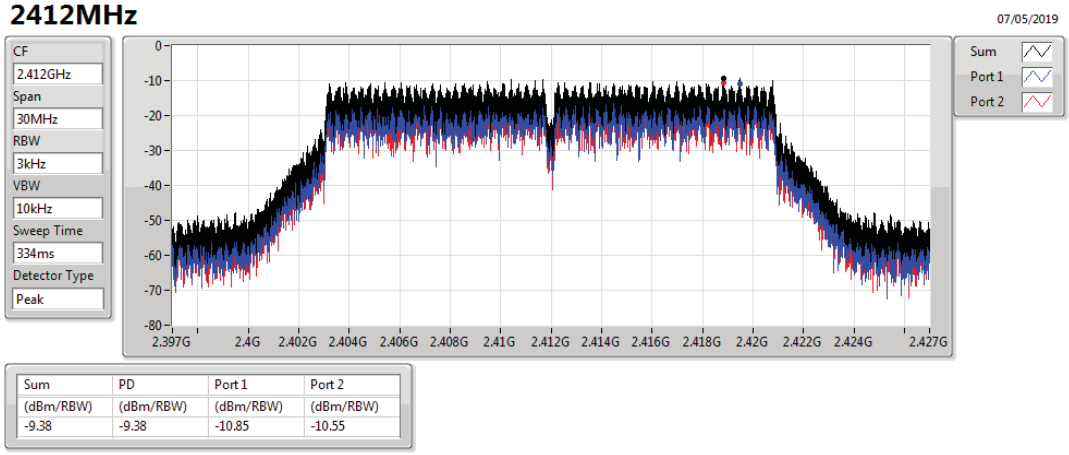
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.44	-8.44	-10.01	-11.09

VHT20_Nss1,(MCS0)_2TX **PSD**

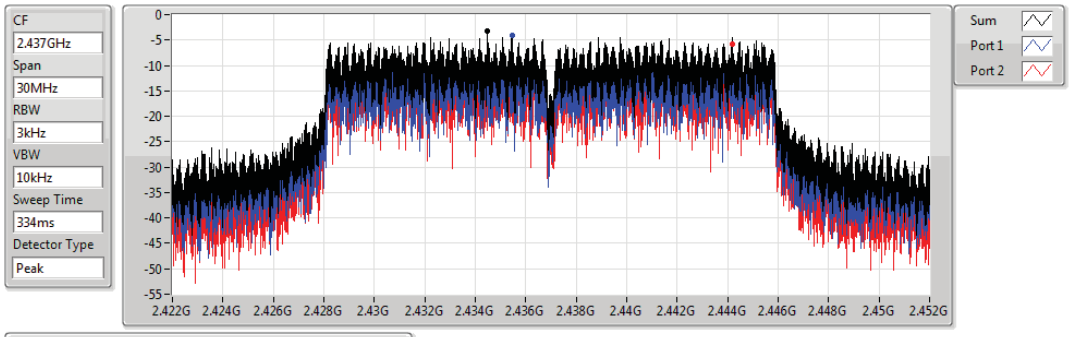
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.38	-9.38	-10.85	-10.55

VHT20_Nss1,(MCS0)_2TX **PSD**

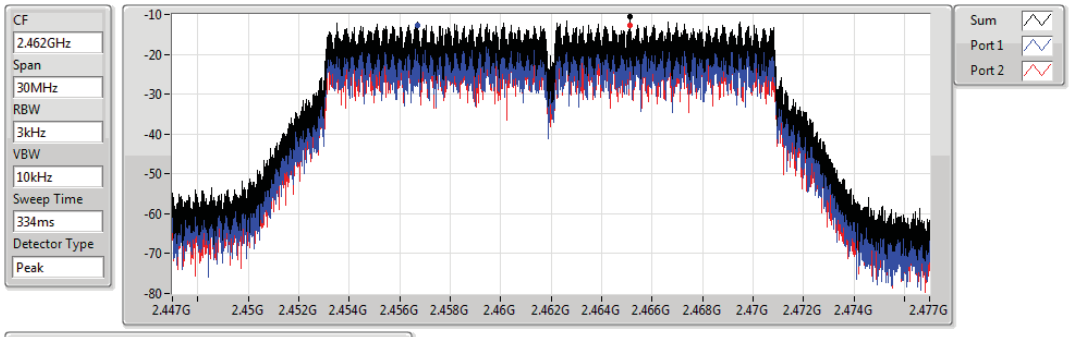
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.29	-3.29	-4.12	-5.90

VHT20_Nss1,(MCS0)_2TX **PSD**

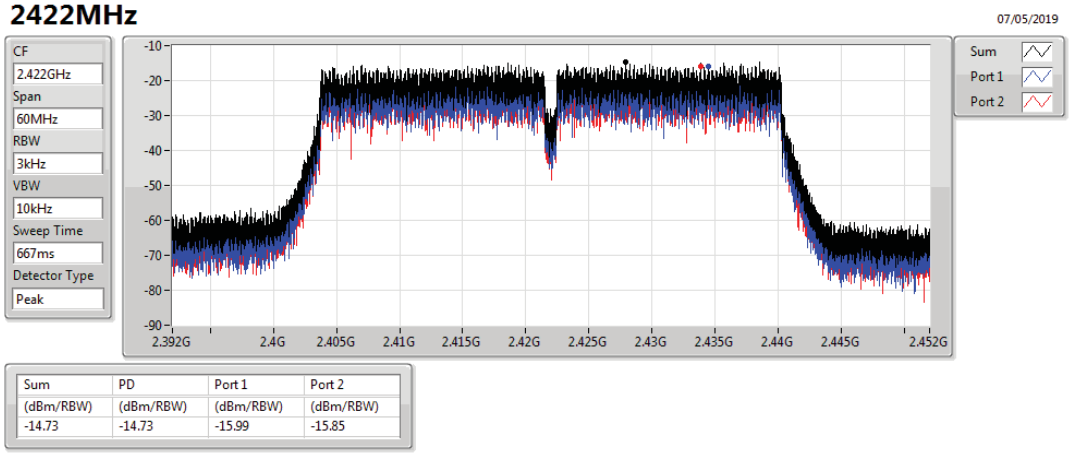
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.46	-10.46	-12.61	-12.85

VHT40_Nss1,(MCS0)_2TX **PSD**

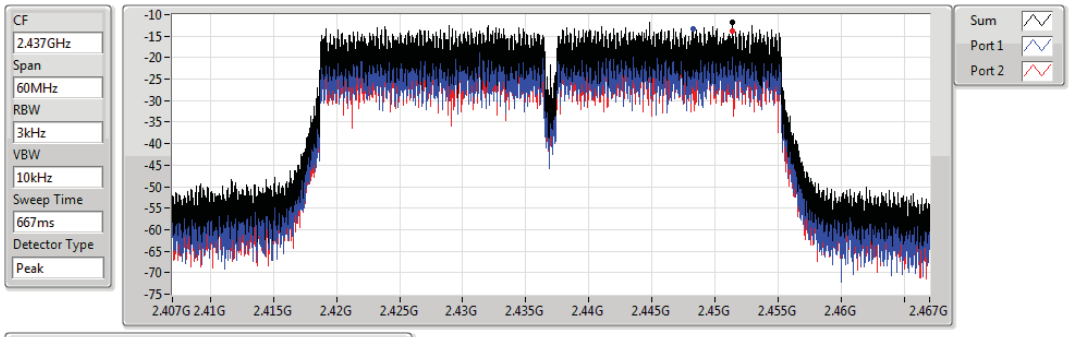
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.73	-14.73	-15.99	-15.85

VHT40_Nss1,(MCS0)_2TX **PSD**

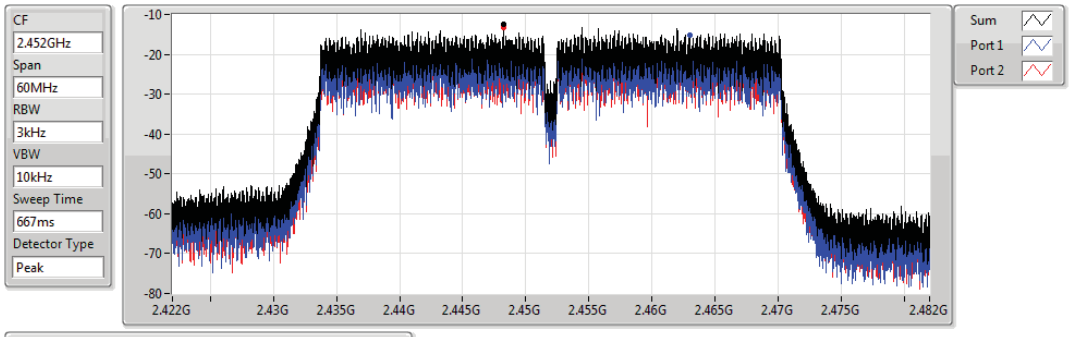
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.80	-11.80	-13.38	-13.80

VHT40_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.55	-12.55	-15.25	-13.29

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43749G	15.24	-14.76	1.80808G	-64.18	2.39996G	-27.83	2.48752G	-52.07	7.23514G	-41.16	4
802.11g_Nss1,(6Mbps)_4TX	Pass	2.44196G	9.23	-20.77	2.12438G	-64.79	2.39762G	-36.54	2.48604G	-42.76	23.4126G	-50.07	4
VHT20_Nss1,(MCS0)_4TX	Pass	2.442G	6.84	-23.16	1.73061G	-64.99	2.39952G	-39.89	2.49678G	-59.26	15.34072G	-50.36	3
VHT40_Nss1,(MCS0)_4TX	Pass	2.45198G	0.55	-29.45	2.08384G	-64.69	2.397G	-43.07	2.5007G	-58.65	15.28219G	-51.67	2
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.44196G	7.18	-22.82	2.15875G	-63.50	2.39988G	-38.70	2.48874G	-58.30	16.81574G	-51.06	1
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.45198G	0.49	-29.51	2.14167G	-64.34	2.39948G	-41.26	2.48542G	-45.89	16.31427G	-51.13	4

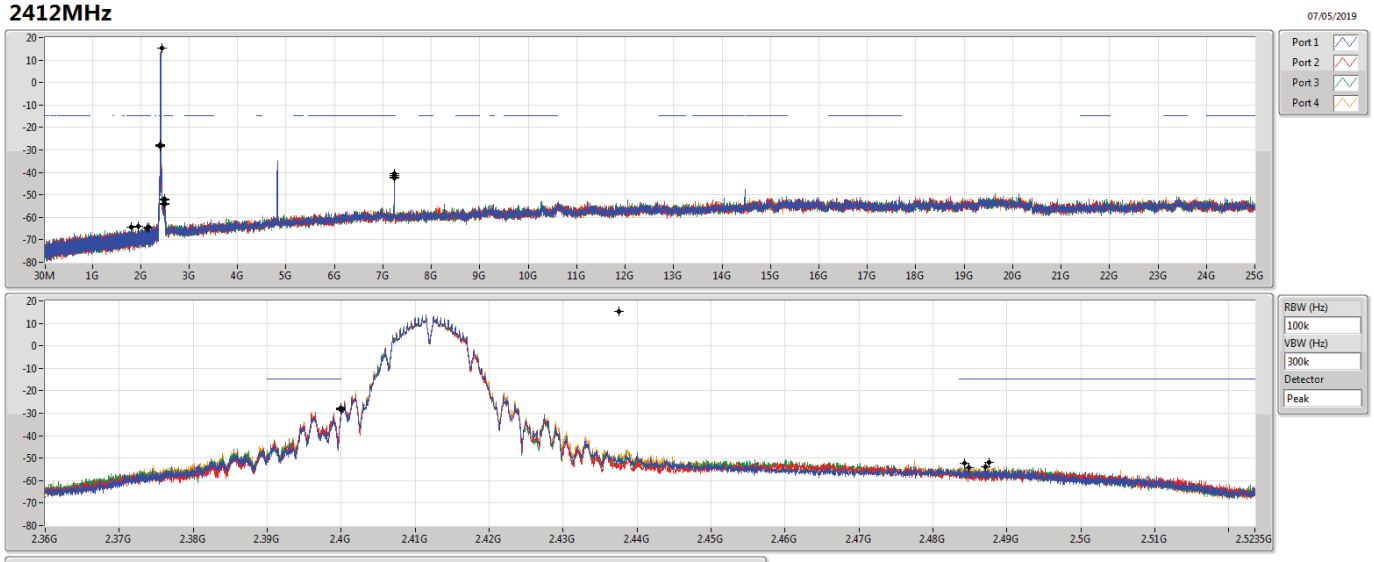
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	15.24	-14.76	2.17273G	-64.44	2.39998G	-28.61	2.48424G	-52.22	7.23514G	-40.64	1
2412MHz	Pass	2.43749G	15.24	-14.76	1.95487G	-63.99	2.39996G	-28.21	2.4849G	-54.29	7.23514G	-42.65	2
2412MHz	Pass	2.43749G	15.24	-14.76	2.12962G	-64.75	2.39998G	-28.35	2.48706G	-53.68	7.23233G	-42.09	3
2412MHz	Pass	2.43749G	15.24	-14.76	1.80808G	-64.18	2.39996G	-27.83	2.48752G	-52.07	7.23514G	-41.16	4
2437MHz	Pass	2.43749G	15.24	-14.76	2.16719G	-64.56	2.39952G	-42.54	2.4837G	-49.50	14.62148G	-50.02	1
2437MHz	Pass	2.43749G	15.24	-14.76	2.30059G	-64.29	2.3995G	-41.13	2.48594G	-46.51	14.62148G	-50.20	2
2437MHz	Pass	2.43749G	15.24	-14.76	669M	-64.60	2.39946G	-42.14	2.48548G	-50.12	14.69452G	-49.97	3
2437MHz	Pass	2.43749G	15.24	-14.76	2.30059G	-63.86	2.3995G	-41.73	2.48594G	-47.90	14.62429G	-49.39	4
2462MHz	Pass	2.43749G	15.24	-14.76	2.09234G	-65.02	2.39824G	-54.41	2.4879G	-50.21	14.77319G	-48.26	1
2462MHz	Pass	2.43749G	15.24	-14.76	2.09147G	-64.15	2.39532G	-55.30	2.48546G	-51.72	14.77319G	-50.06	2
2462MHz	Pass	2.43749G	15.24	-14.76	2.30699G	-64.60	2.39788G	-54.77	2.4836G	-51.36	14.77319G	-49.99	3
2462MHz	Pass	2.43749G	15.24	-14.76	2.07778G	-63.89	2.3994G	-53.52	2.487G	-49.46	14.77319G	-48.88	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	9.23	-20.77	2.02652G	-64.92	2.3993G	-39.32	2.48456G	-57.66	17.67828G	-50.74	1
2412MHz	Pass	2.44196G	9.23	-20.77	2.30728G	-64.41	2.39922G	-37.41	2.48562G	-58.33	16.27069G	-50.60	2
2412MHz	Pass	2.44196G	9.23	-20.77	2.3035G	-64.73	2.39918G	-37.13	2.48704G	-57.49	23.4716G	-51.43	3
2412MHz	Pass	2.44196G	9.23	-20.77	2.15438G	-64.47	2.39886G	-37.08	2.48762G	-57.60	16.85508G	-51.09	4
2437MHz	Pass	2.44196G	9.23	-20.77	2.3G	-63.10	2.39758G	-39.35	2.4838G	-46.84	24.70219G	-51.10	1
2437MHz	Pass	2.44196G	9.23	-20.77	2.09846G	-64.72	2.3995G	-40.17	2.48382G	-45.60	16.76798G	-51.12	2
2437MHz	Pass	2.44196G	9.23	-20.77	2.13457G	-64.57	2.39824G	-39.58	2.48602G	-45.51	24.96629G	-51.05	3
2437MHz	Pass	2.44196G	9.23	-20.77	2.12438G	-64.79	2.39762G	-36.54	2.48604G	-42.76	23.4126G	-50.07	4
2462MHz	Pass	2.44196G	9.23	-20.77	2.3G	-64.56	2.39534G	-57.54	2.48364G	-45.54	16.91408G	-50.36	1
2462MHz	Pass	2.44196G	9.23	-20.77	2.03933G	-64.74	2.39934G	-59.11	2.48354G	-45.11	23.41822G	-50.37	2
2462MHz	Pass	2.44196G	9.23	-20.77	2.17768G	-64.34	2.39088G	-58.17	2.48354G	-44.49	15.34353G	-50.66	3
2462MHz	Pass	2.44196G	9.23	-20.77	2.14215G	-64.39	2.39836G	-57.15	2.48388G	-44.13	23.41822G	-49.58	4
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	6.84	-23.16	2.14972G	-64.94	2.39824G	-41.39	2.48876G	-57.43	14.99234G	-51.10	1
2412MHz	Pass	2.442G	6.84	-23.16	2.14069G	-63.20	2.3995G	-40.07	2.50446G	-59.36	16.43083G	-50.77	2
2412MHz	Pass	2.442G	6.84	-23.16	1.73061G	-64.99	2.39952G	-39.89	2.49678G	-59.26	15.34072G	-50.36	3
2412MHz	Pass	2.442G	6.84	-23.16	2.18059G	-63.61	2.39988G	-40.09	2.48394G	-58.57	23.37888G	-51.46	4
2437MHz	Pass	2.442G	6.84	-23.16	2.14185G	-65.04	2.3976G	-48.21	2.4853G	-53.48	23.42665G	-51.50	1
2437MHz	Pass	2.442G	6.84	-23.16	2.19078G	-64.40	2.39794G	-47.52	2.48586G	-52.22	15.04291G	-50.72	2
2437MHz	Pass	2.442G	6.84	-23.16	2.12642G	-64.92	2.39978G	-48.04	2.48396G	-52.25	17.69514G	-51.45	3
2437MHz	Pass	2.442G	6.84	-23.16	2.18816G	-64.72	2.39726G	-47.47	2.48446G	-52.51	17.49004G	-51.54	4
2462MHz	Pass	2.442G	6.84	-23.16	2.0105G	-63.87	2.39832G	-59.24	2.48674G	-55.48	14.95862G	-50.46	1
2462MHz	Pass	2.442G	6.84	-23.16	2.30408G	-64.90	2.39968G	-60.34	2.48574G	-55.40	16.55165G	-50.34	2
2462MHz	Pass	2.442G	6.84	-23.16	2.16748G	-63.98	2.3996G	-59.94	2.48578G	-55.68	23.36764G	-51.45	3
2462MHz	Pass	2.442G	6.84	-23.16	2.02448G	-64.89	2.3965G	-59.27	2.48638G	-53.67	24.39032G	-51.55	4
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45198G	0.55	-29.45	2.17917G	-64.86	2.39948G	-47.33	2.4871G	-58.95	15.2261G	-51.05	1
2422MHz	Pass	2.45198G	0.55	-29.45	2.08384G	-64.69	2.397G	-43.07	2.5007G	-58.65	15.28219G	-51.67	2
2422MHz	Pass	2.45198G	0.55	-29.45	2.30512G	-64.43	2.39072G	-46.05	2.4839G	-57.89	14.9821G	-50.86	3
2422MHz	Pass	2.45198G	0.55	-29.45	2.11619G	-65.11	2.39696G	-46.80	2.49062G	-59.17	16.60314G	-50.59	4
2437MHz	Pass	2.45198G	0.55	-29.45	2.11963G	-64.27	2.39952G	-44.64	2.48362G	-49.95	15.34109G	-51.15	1
2437MHz	Pass	2.45198G	0.55	-29.45	2.18146G	-64.59	2.39952G	-43.58	2.4875G	-48.38	16.61997G	-51.20	2
2437MHz	Pass	2.45198G	0.55	-29.45	2.19749G	-64.32	2.39952G	-44.24	2.48366G	-48.27	23.38738G	-50.43	3
2437MHz	Pass	2.45198G	0.55	-29.45	2.17859G	-64.83	2.3994G	-43.84	2.48366G	-46.99	15.23451G	-50.73	4

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2452MHz	Pass	2.45198G	0.55	-29.45	2.07526G	-64.78	2.3986G	-54.07	2.48482G	-49.93	15.31585G	-51.29	1
2452MHz	Pass	2.45198G	0.55	-29.45	2.13508G	-64.38	2.39668G	-55.34	2.48486G	-46.85	16.35634G	-50.42	2
2452MHz	Pass	2.45198G	0.55	-29.45	2.00341G	-65.24	2.39992G	-53.02	2.4857G	-46.62	24.84575G	-51.22	3
2452MHz	Pass	2.45198G	0.55	-29.45	2.09902G	-64.06	2.39856G	-53.92	2.48482G	-47.41	16.84994G	-51.33	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	7.18	-22.82	2.15875G	-63.50	2.39988G	-38.70	2.48874G	-58.30	16.81574G	-51.06	1
2412MHz	Pass	2.44196G	7.18	-22.82	2.12147G	-63.36	2.39996G	-39.78	2.48542G	-59.16	23.12883G	-51.68	2
2412MHz	Pass	2.44196G	7.18	-22.82	2.11681G	-65.31	2.39892G	-39.32	2.48604G	-59.30	17.66704G	-51.28	3
2412MHz	Pass	2.44196G	7.18	-22.82	2.3035G	-64.09	2.39888G	-38.94	2.48596G	-58.53	15.20306G	-51.46	4
2437MHz	Pass	2.44196G	7.18	-22.82	2.09817G	-63.81	2.39746G	-45.93	2.48412G	-47.63	23.40136G	-51.17	1
2437MHz	Pass	2.44196G	7.18	-22.82	2.01662G	-65.06	2.39978G	-46.69	2.48372G	-49.06	15.29577G	-50.66	2
2437MHz	Pass	2.44196G	7.18	-22.82	2.12671G	-64.99	2.3996G	-45.88	2.48674G	-49.53	24.45494G	-50.79	3
2437MHz	Pass	2.44196G	7.18	-22.82	2.18845G	-64.34	2.39954G	-43.84	2.48442G	-45.50	24.15432G	-50.66	4
2462MHz	Pass	2.44196G	7.18	-22.82	2.01574G	-64.01	2.39106G	-59.37	2.48354G	-47.32	15.3323G	-50.25	1
2462MHz	Pass	2.44196G	7.18	-22.82	2.17127G	-65.12	2.398G	-61.28	2.48414G	-48.81	16.8607G	-51.02	2
2462MHz	Pass	2.44196G	7.18	-22.82	2.30758G	-63.87	2.39624G	-59.30	2.48414G	-48.45	16.87194G	-51.25	3
2462MHz	Pass	2.44196G	7.18	-22.82	2.12118G	-63.55	2.39796G	-58.44	2.48412G	-47.21	23.36203G	-51.18	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45198G	0.49	-29.51	2.1285G	-64.49	2.39076G	-47.29	2.4945G	-58.12	15.33267G	-50.51	1
2422MHz	Pass	2.45198G	0.49	-29.51	2.12421G	-63.78	2.397G	-44.90	2.48698G	-58.72	16.54424G	-50.42	2
2422MHz	Pass	2.45198G	0.49	-29.51	1.98881G	-65.42	2.39696G	-44.21	2.48766G	-57.68	16.69008G	-51.23	3
2422MHz	Pass	2.45198G	0.49	-29.51	2.09787G	-65.23	2.39948G	-46.53	2.4839G	-58.77	16.83872G	-51.30	4
2437MHz	Pass	2.45198G	0.49	-29.51	2.08842G	-64.70	2.39948G	-42.83	2.48546G	-48.41	15.31585G	-50.97	1
2437MHz	Pass	2.45198G	0.49	-29.51	2.14567G	-64.02	2.39948G	-41.95	2.48542G	-45.88	24.36056G	-51.13	2
2437MHz	Pass	2.45198G	0.49	-29.51	1.98108G	-63.86	2.39952G	-42.54	2.48542G	-46.67	24.54286G	-51.37	3
2437MHz	Pass	2.45198G	0.49	-29.51	2.14167G	-64.34	2.39948G	-41.26	2.48542G	-45.89	16.31427G	-51.13	4
2452MHz	Pass	2.45198G	0.49	-29.51	1.89521G	-65.21	2.39972G	-52.36	2.48506G	-46.83	17.6829G	-51.10	1
2452MHz	Pass	2.45198G	0.49	-29.51	2.15569G	-64.78	2.39972G	-53.09	2.48642G	-45.76	14.68762G	-50.50	2
2452MHz	Pass	2.45198G	0.49	-29.51	2.14825G	-64.93	2.39972G	-53.04	2.48566G	-46.48	24.17546G	-51.45	3
2452MHz	Pass	2.45198G	0.49	-29.51	2.06037G	-64.30	2.39976G	-49.75	2.48506G	-46.14	15.31304G	-51.36	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

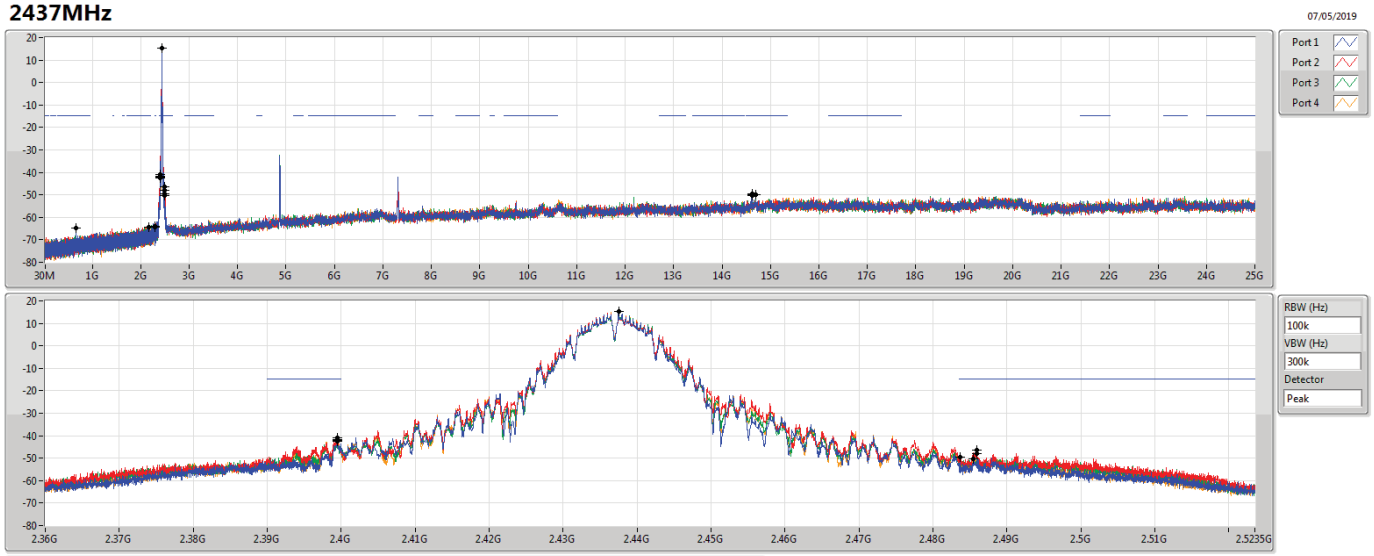
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	15.24	-14.76	2.17273G	-64.44	2.39998G	-28.61	2.48424G	-52.22	7.23514G	-40.64	1
2.43749G	15.24	-14.76	1.95487G	-63.99	2.39996G	-28.21	2.4849G	-54.29	7.23514G	-42.65	2
2.43749G	15.24	-14.76	2.12962G	-64.75	2.39998G	-28.35	2.48706G	-53.68	7.23233G	-42.09	3
2.43749G	15.24	-14.76	1.80808G	-64.18	2.39996G	-27.83	2.48752G	-52.07	7.23514G	-41.16	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

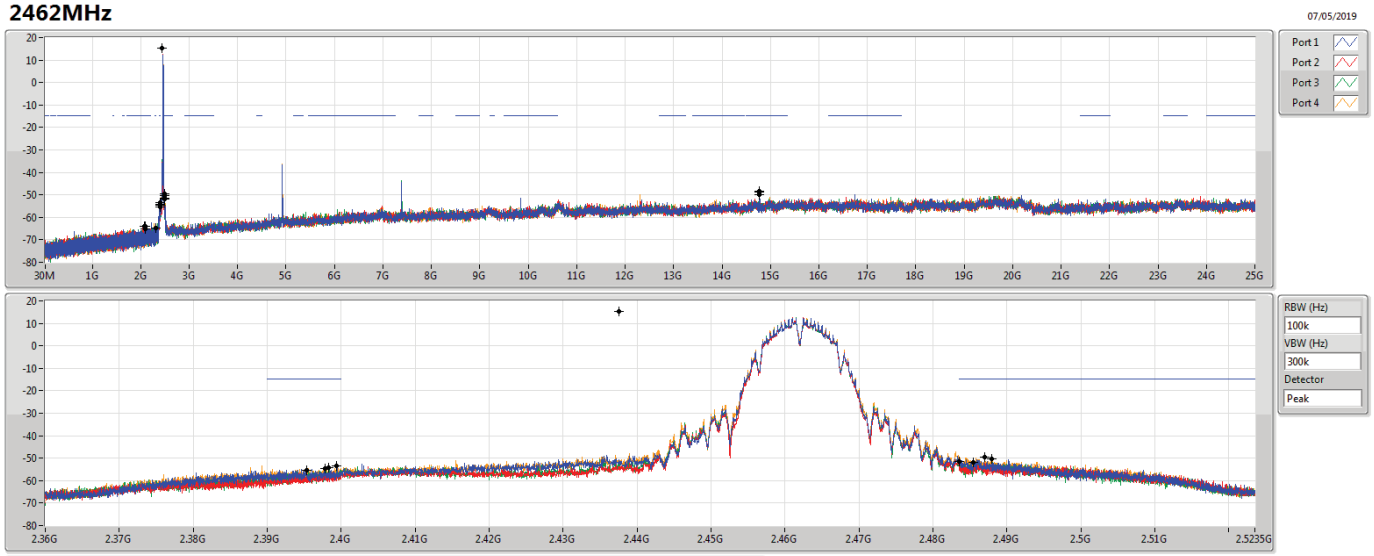
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	15.24	-14.76	2.16719G	-64.56	2.39952G	-42.54	2.4837G	-49.50	14.62148G	-50.02	1
2.43749G	15.24	-14.76	2.30059G	-64.29	2.3995G	-41.13	2.48594G	-46.51	14.62148G	-50.20	2
2.43749G	15.24	-14.76	669M	-64.60	2.39946G	-42.14	2.48548G	-50.12	14.69452G	-49.97	3
2.43749G	15.24	-14.76	2.30059G	-63.86	2.3995G	-41.73	2.48594G	-47.90	14.62429G	-49.39	4

802.11b_Nss1,(1Mbps)_4TX **CSE NdB**

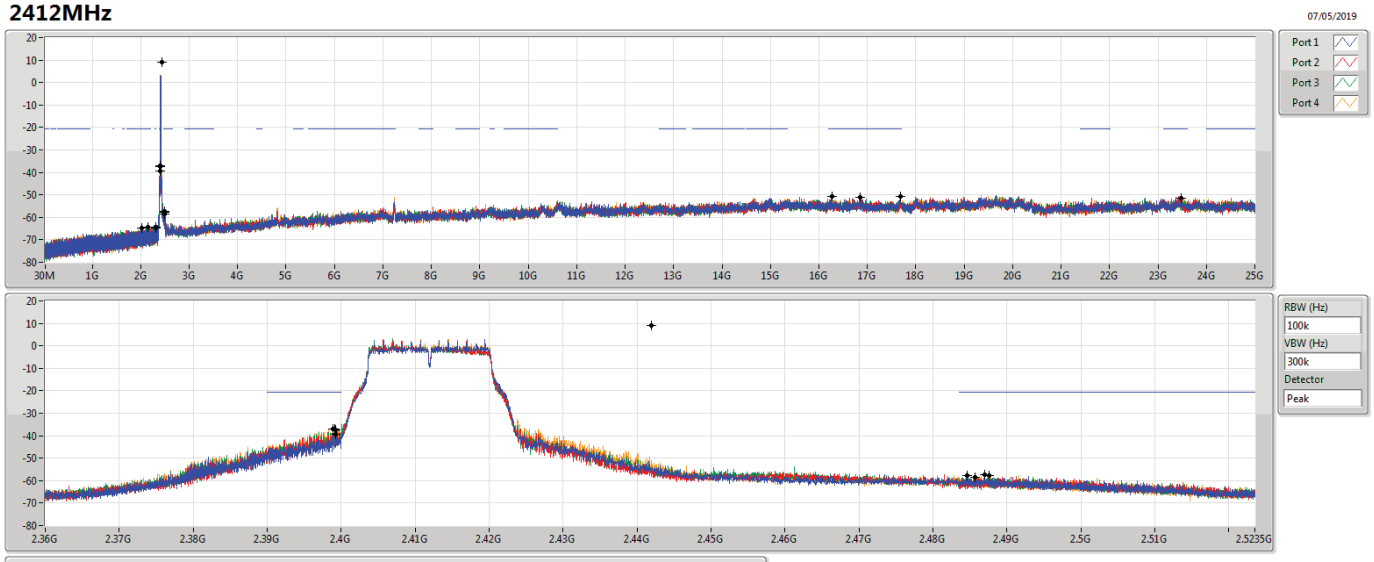
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	15.24	-14.76	2.09234G	-65.02	2.39824G	-54.41	2.4879G	-50.21	14.77319G	-48.26	1
2.43749G	15.24	-14.76	2.09147G	-64.15	2.39532G	-55.30	2.48546G	-51.72	14.77319G	-50.06	2
2.43749G	15.24	-14.76	2.30699G	-64.60	2.39788G	-54.77	2.4836G	-51.36	14.77319G	-49.99	3
2.43749G	15.24	-14.76	2.07778G	-63.89	2.3994G	-53.52	2.487G	-49.46	14.77319G	-48.88	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

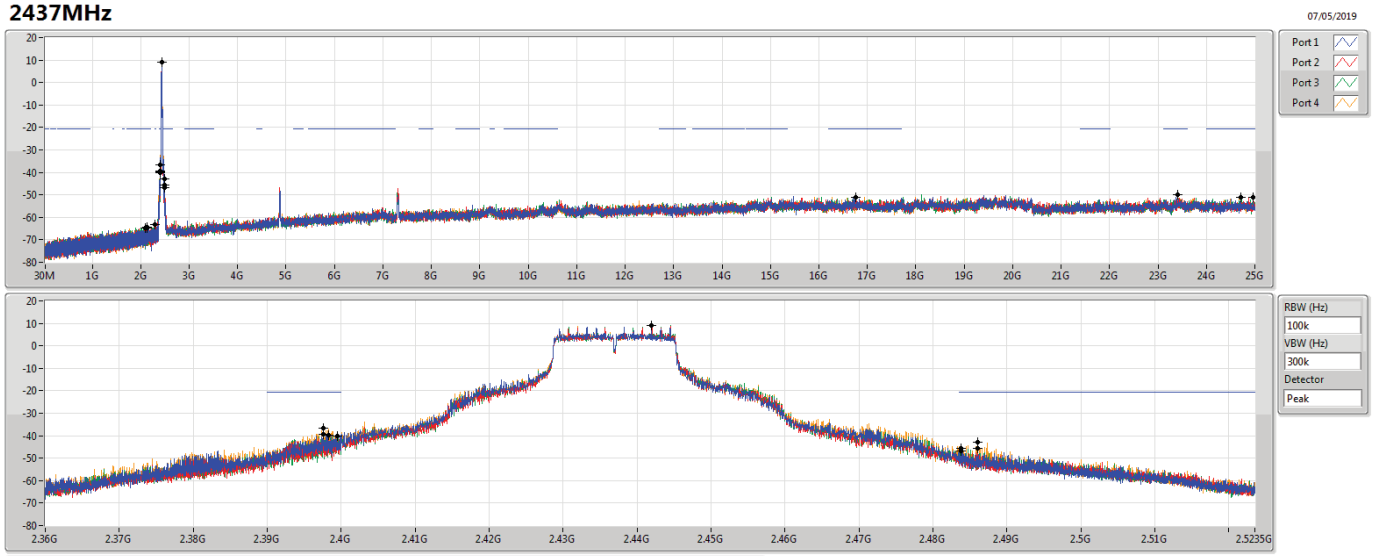
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	9.23	-20.77	2.02652G	-64.92	2.3993G	-39.32	2.48456G	-57.66	17.67828G	-50.74	1
2.44196G	9.23	-20.77	2.30728G	-64.41	2.39922G	-37.41	2.48562G	-58.33	16.27069G	-50.60	2
2.44196G	9.23	-20.77	2.3035G	-64.73	2.39918G	-37.13	2.48704G	-57.49	23.4716G	-51.43	3
2.44196G	9.23	-20.77	2.15438G	-64.47	2.39886G	-37.08	2.48762G	-57.60	16.85508G	-51.09	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

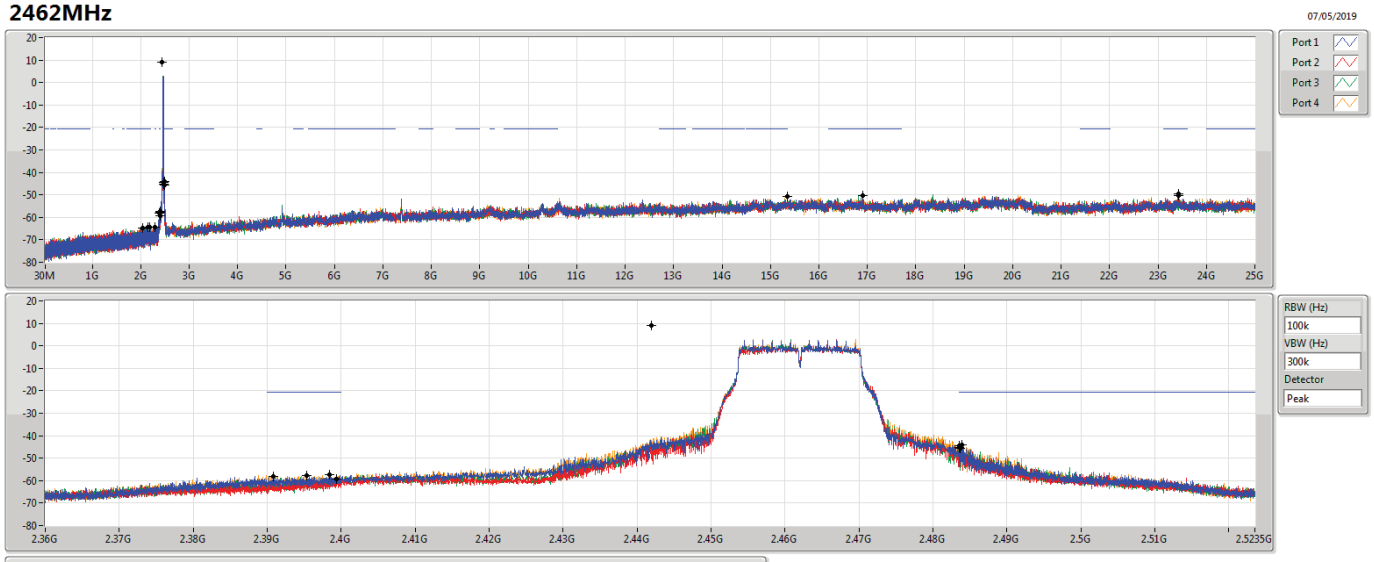
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	9.23	-20.77	2.3G	-63.10	2.39758G	-39.35	2.4838G	-46.84	24.70219G	-51.10	1
2.44196G	9.23	-20.77	2.09846G	-64.72	2.3995G	-40.17	2.48382G	-45.60	16.76798G	-51.12	2
2.44196G	9.23	-20.77	2.13457G	-64.57	2.39824G	-39.58	2.48602G	-45.51	24.96629G	-51.05	3
2.44196G	9.23	-20.77	2.12438G	-64.79	2.39762G	-36.54	2.48604G	-42.76	23.4126G	-50.07	4

802.11g_Nss1,(6Mbps)_4TX **CSE NdB**

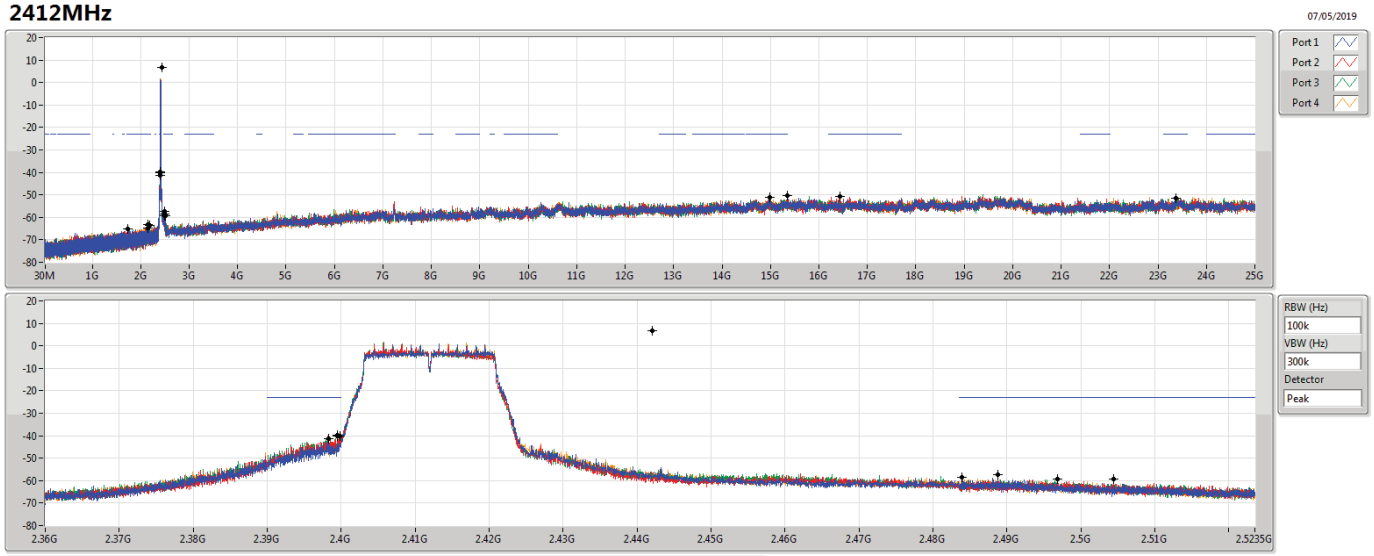
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	9.23	-20.77	2.3G	-64.56	2.39534G	-57.54	2.48364G	-45.54	16.91408G	-50.36	1
2.44196G	9.23	-20.77	2.03933G	-64.74	2.39934G	-59.11	2.48354G	-45.11	23.41822G	-50.37	2
2.44196G	9.23	-20.77	2.17768G	-64.34	2.39088G	-58.17	2.48354G	-44.49	15.34353G	-50.66	3
2.44196G	9.23	-20.77	2.14215G	-64.39	2.39836G	-57.15	2.48388G	-44.13	23.41822G	-49.58	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

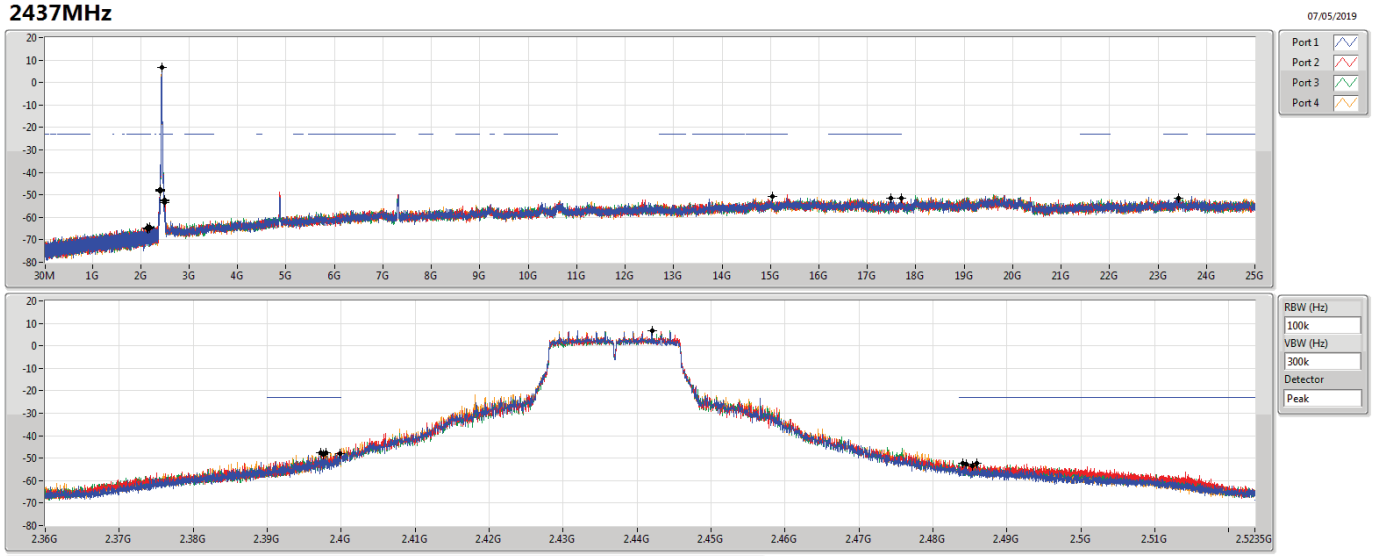
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	6.84	-23.16	2.14972G	-64.94	2.39824G	-41.39	2.48876G	-57.43	14.99234G	-51.10	1
2.442G	6.84	-23.16	2.14069G	-63.20	2.3995G	-40.07	2.50446G	-59.36	16.43083G	-50.77	2
2.442G	6.84	-23.16	1.73061G	-64.99	2.39952G	-39.89	2.49678G	-59.26	15.34072G	-50.36	3
2.442G	6.84	-23.16	2.18059G	-63.61	2.39988G	-40.09	2.48394G	-58.57	23.37888G	-51.46	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

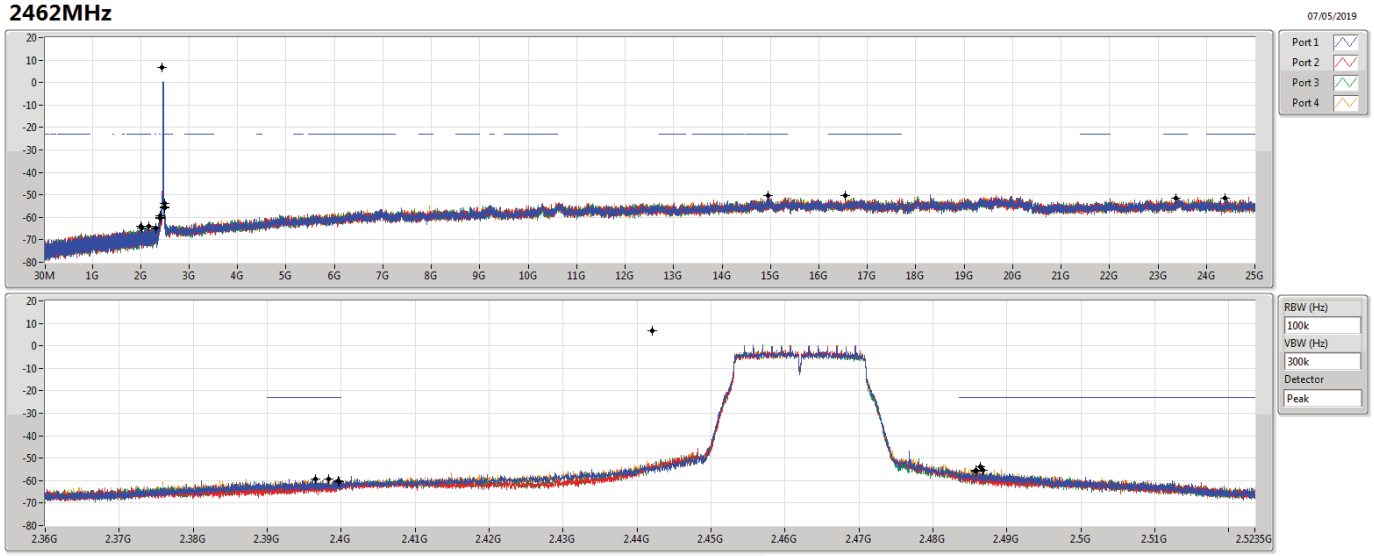
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	6.84	-23.16	2.14185G	-65.04	2.3976G	-48.21	2.4853G	-53.48	23.42665G	-51.50	1
2.442G	6.84	-23.16	2.19078G	-64.40	2.39794G	-47.52	2.48586G	-52.22	15.04291G	-50.72	2
2.442G	6.84	-23.16	2.12642G	-64.92	2.39978G	-48.04	2.48396G	-52.25	17.69514G	-51.45	3
2.442G	6.84	-23.16	2.18816G	-64.72	2.39726G	-47.47	2.48446G	-52.51	17.49004G	-51.54	4

VHT20_Nss1,(MCS0)_4TX **CSE NdB**

2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	6.84	-23.16	2.0105G	-63.87	2.39832G	-59.24	2.48674G	-55.48	14.95862G	-50.46	1
2.442G	6.84	-23.16	2.30408G	-64.90	2.39968G	-60.34	2.48574G	-55.40	16.55165G	-50.34	2
2.442G	6.84	-23.16	2.16748G	-63.98	2.3996G	-59.94	2.48578G	-55.68	23.36764G	-51.45	3
2.442G	6.84	-23.16	2.02448G	-64.89	2.3965G	-59.27	2.48638G	-53.67	24.39032G	-51.55	4

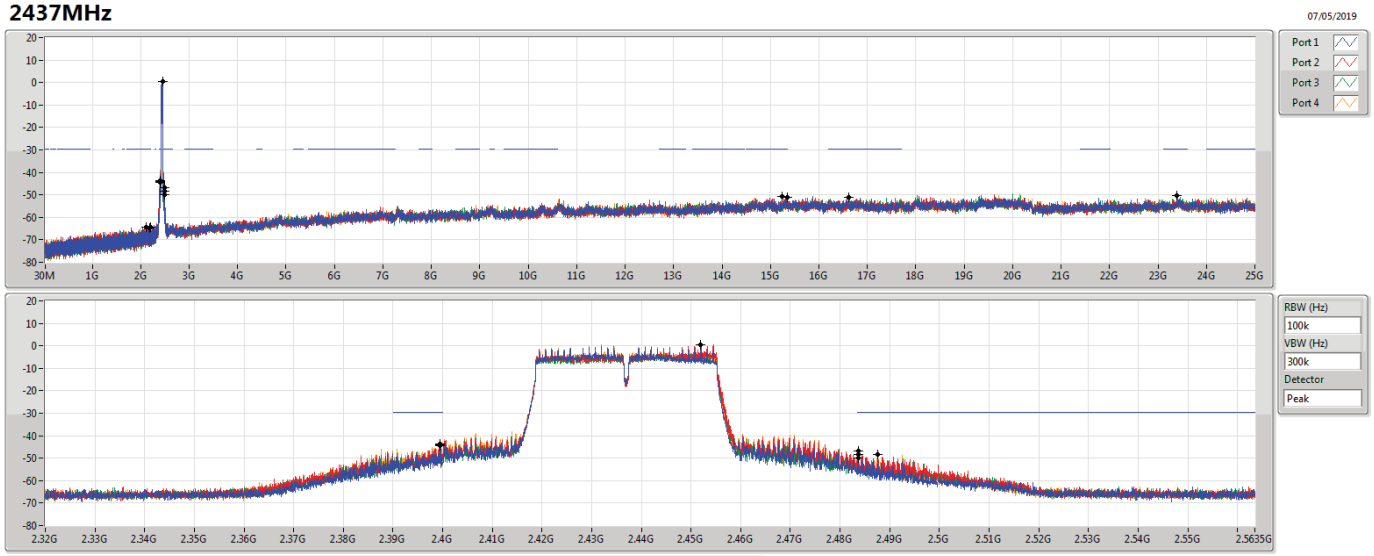
VHT40_Nss1,(MCS0)_4TX **CSE NdB**

2422MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	0.55	-29.45	2.17917G	-64.86	2.39948G	-47.33	2.4871G	-58.95	15.2261G	-51.05	1
2.45198G	0.55	-29.45	2.08384G	-64.69	2.397G	-43.07	2.5007G	-58.65	15.28219G	-51.67	2
2.45198G	0.55	-29.45	2.30512G	-64.43	2.39072G	-46.05	2.4839G	-57.89	14.9821G	-50.86	3
2.45198G	0.55	-29.45	2.11619G	-65.11	2.39696G	-46.80	2.49062G	-59.17	16.60314G	-50.59	4

VHT40_Nss1,(MCS0)_4TX **CSE NdB**

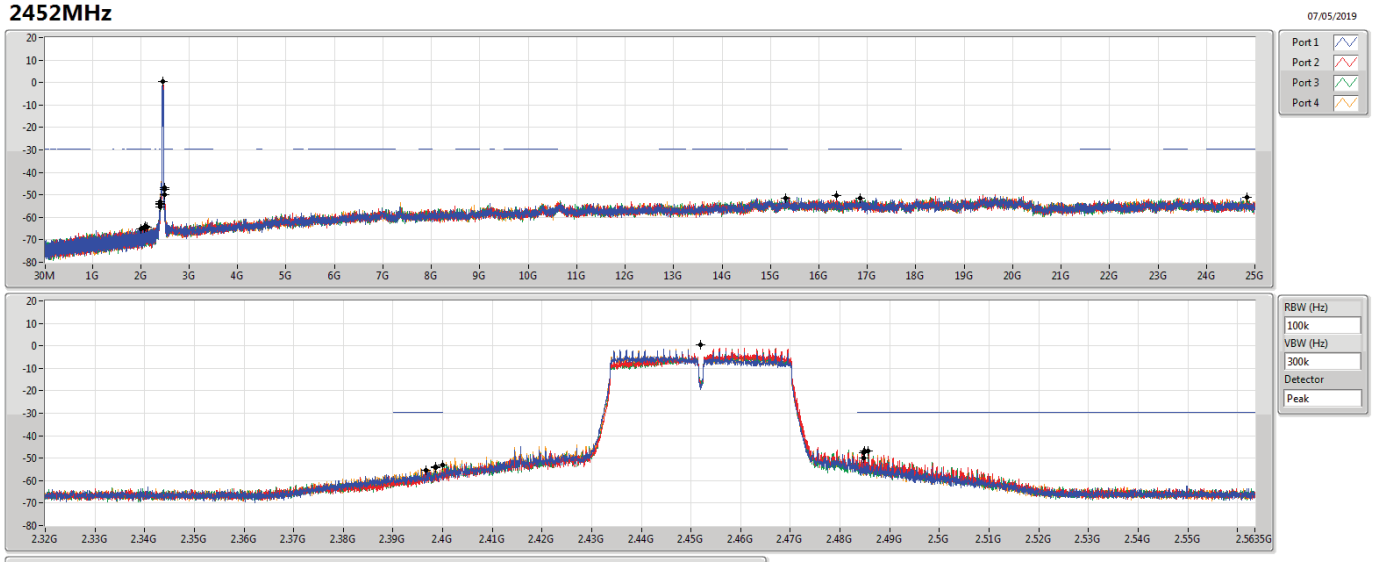
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	0.55	-29.45	2.11963G	-64.27	2.39952G	-44.64	2.48362G	-49.95	15.34109G	-51.15	1
2.45198G	0.55	-29.45	2.18146G	-64.59	2.39952G	-43.58	2.4875G	-48.38	16.61997G	-51.20	2
2.45198G	0.55	-29.45	2.19749G	-64.32	2.39952G	-44.24	2.48366G	-48.27	23.38738G	-50.43	3
2.45198G	0.55	-29.45	2.17859G	-64.83	2.3994G	-43.84	2.48366G	-46.99	15.23451G	-50.73	4

VHT40_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	0.55	-29.45	2.07526G	-64.78	2.3986G	-54.07	2.48482G	-49.93	15.31585G	-51.29	1
2.45198G	0.55	-29.45	2.13508G	-64.38	2.39668G	-55.34	2.48486G	-46.85	16.35634G	-50.42	2
2.45198G	0.55	-29.45	2.00341G	-65.24	2.39992G	-53.02	2.4857G	-46.62	24.84575G	-51.22	3
2.45198G	0.55	-29.45	2.09902G	-64.06	2.39856G	-53.92	2.48482G	-47.41	16.84994G	-51.33	4

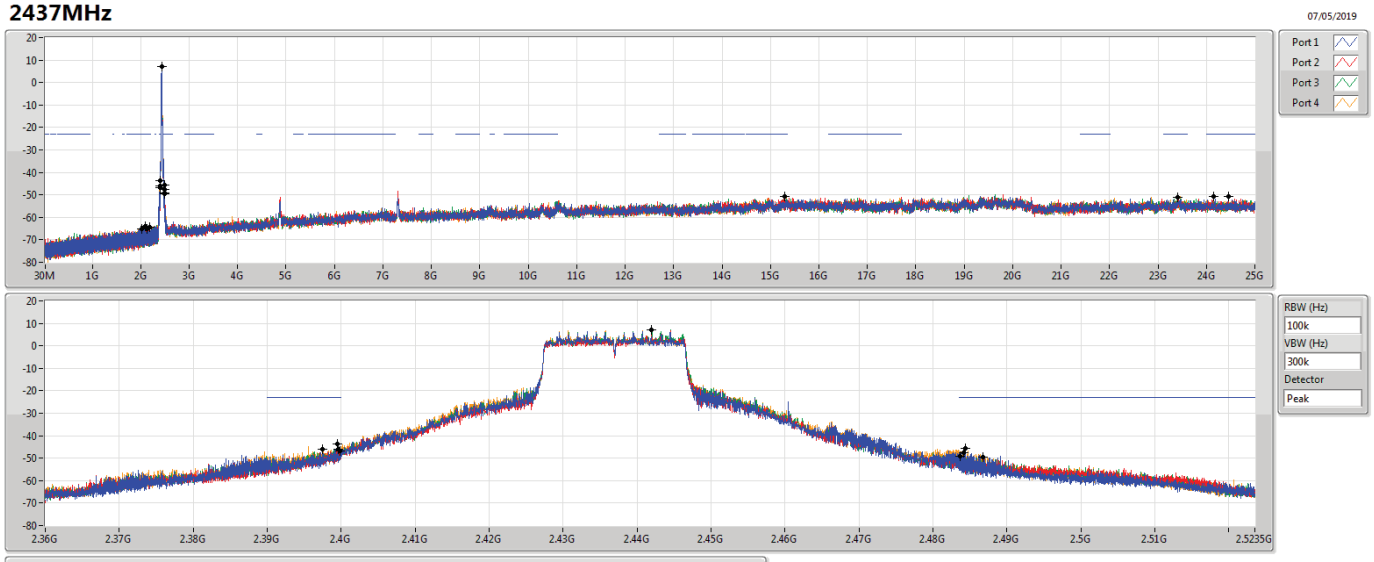
802.11ax HEW20_Nss1,(MCS0)_4TX **CSE NdB**

2412MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	7.18	-22.82	2.15875G	-63.50	2.39988G	-38.70	2.48874G	-58.30	16.81574G	-51.06	1
2.44196G	7.18	-22.82	2.12147G	-63.36	2.39996G	-39.78	2.48542G	-59.16	23.12883G	-51.68	2
2.44196G	7.18	-22.82	2.11681G	-65.31	2.39892G	-39.32	2.48604G	-59.30	17.66704G	-51.28	3
2.44196G	7.18	-22.82	2.3035G	-64.09	2.39888G	-38.94	2.48596G	-58.53	15.20306G	-51.46	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSE NdB**

2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	7.18	-22.82	2.09817G	-63.81	2.39746G	-45.93	2.48412G	-47.63	23.40136G	-51.17	1
2.44196G	7.18	-22.82	2.01662G	-65.06	2.39978G	-46.69	2.48372G	-49.06	15.29577G	-50.66	2
2.44196G	7.18	-22.82	2.12671G	-64.99	2.3996G	-45.88	2.48674G	-49.53	24.45494G	-50.79	3
2.44196G	7.18	-22.82	2.18845G	-64.34	2.39954G	-43.84	2.48442G	-45.50	24.15432G	-50.66	4

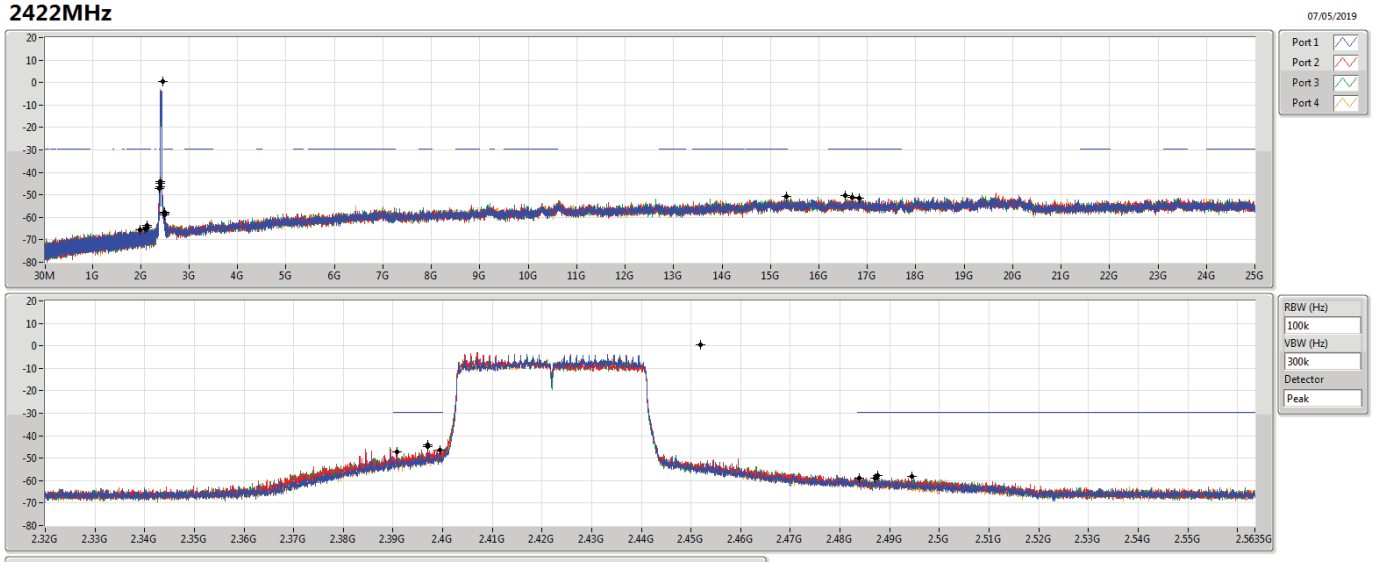
802.11ax HEW20_Nss1,(MCS0)_4TX **CSE NdB**

2462MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	7.18	-22.82	2.01574G	-64.01	2.39106G	-59.37	2.48354G	-47.32	15.3323G	-50.25	1
2.44196G	7.18	-22.82	2.17127G	-65.12	2.398G	-61.28	2.48414G	-48.81	16.8607G	-51.02	2
2.44196G	7.18	-22.82	2.30758G	-63.87	2.39624G	-59.30	2.48414G	-48.45	16.87194G	-51.25	3
2.44196G	7.18	-22.82	2.12118G	-63.55	2.39796G	-58.44	2.48412G	-47.21	23.36203G	-51.18	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSE NdB**

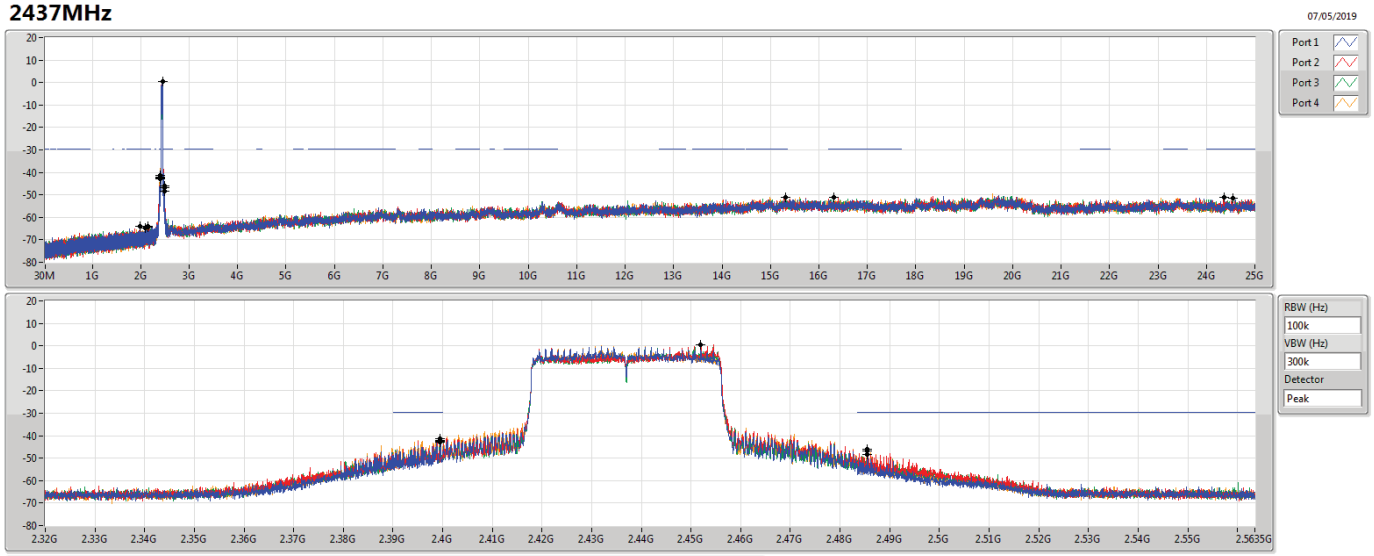
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	0.49	-29.51	2.1285G	-64.49	2.39076G	-47.29	2.4945G	-58.12	15.33267G	-50.51	1
2.45198G	0.49	-29.51	2.12421G	-63.78	2.397G	-44.90	2.48698G	-58.72	16.54424G	-50.42	2
2.45198G	0.49	-29.51	1.98881G	-65.42	2.39696G	-44.21	2.48766G	-57.68	16.69008G	-51.23	3
2.45198G	0.49	-29.51	2.09787G	-65.23	2.39948G	-46.53	2.4839G	-58.77	16.83872G	-51.30	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSE NdB**

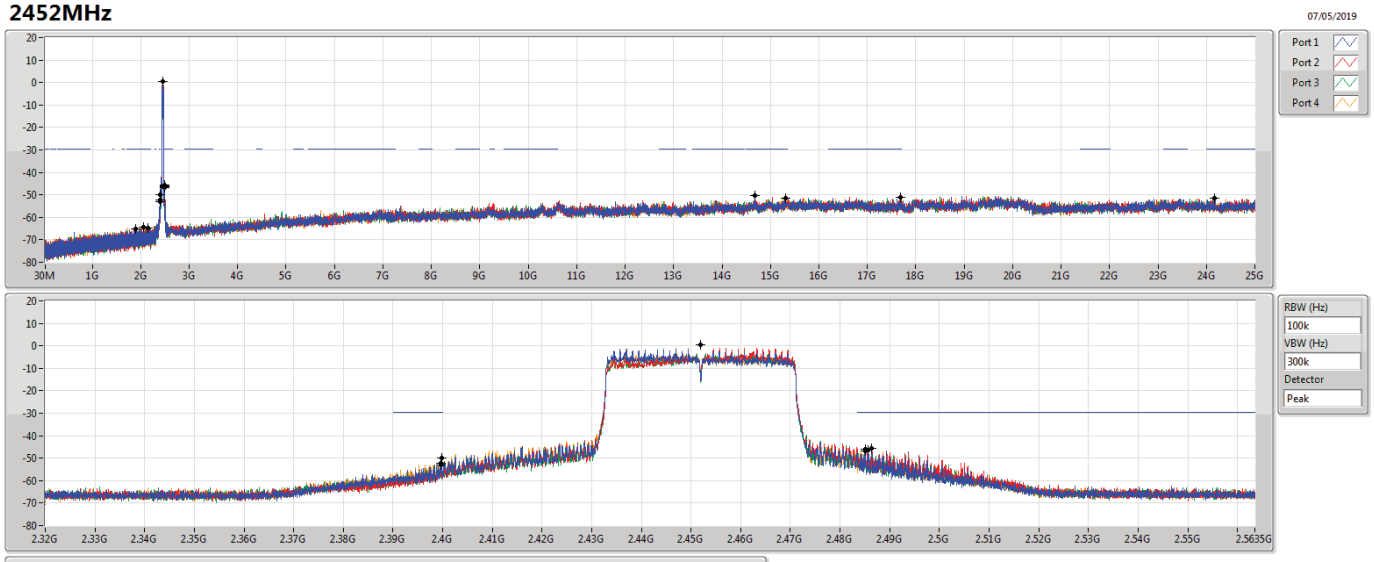
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	0.49	-29.51	2.08842G	-64.70	2.39948G	-42.83	2.48546G	-48.41	15.31585G	-50.97	1
2.45198G	0.49	-29.51	2.14567G	-64.02	2.39948G	-41.95	2.48542G	-45.88	24.36056G	-51.13	2
2.45198G	0.49	-29.51	1.98108G	-63.86	2.39952G	-42.54	2.48542G	-46.67	24.54286G	-51.37	3
2.45198G	0.49	-29.51	2.14167G	-64.34	2.39948G	-41.26	2.48542G	-45.89	16.31427G	-51.13	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45198G	0.49	-29.51	1.89521G	-65.21	2.39972G	-52.36	2.48506G	-46.83	17.6829G	-51.10	1
2.45198G	0.49	-29.51	2.15569G	-64.78	2.39972G	-53.09	2.48642G	-45.76	14.68762G	-50.50	2
2.45198G	0.49	-29.51	2.14825G	-64.93	2.39972G	-53.04	2.48566G	-46.48	24.17546G	-51.45	3
2.45198G	0.49	-29.51	2.06037G	-64.30	2.39976G	-49.75	2.48506G	-46.14	15.31304G	-51.36	4

Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_4TX	Pass	2.43603G	10.22	-19.78	2.18962G	-51.44	2.39986G	-42.29	2.48888G	-47.91	24.16275G	-33.27	1
VHT40-BF_Nss1,(MCS0)_4TX	Pass	2.41048G	2.87	-27.13	2.30769G	-51.50	2.39672G	-49.19	2.4843G	-47.15	23.47151G	-33.73	4
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	2.43645G	10.84	-19.16	2.19574G	-51.67	2.39798G	-49.97	2.48548G	-46.88	24.09251G	-33.79	2
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.41349G	2.82	-27.18	1.79731G	-51.27	2.39208G	-49.29	2.48498G	-44.54	24.55968G	-33.69	2

Result

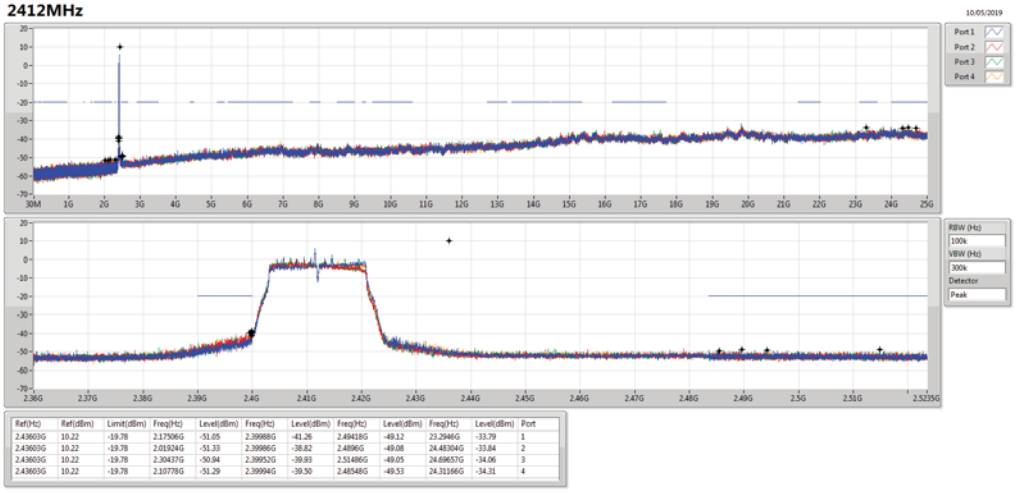
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.17506G	-51.05	2.39988G	-41.26	2.49418G	-49.12	23.2946G	-33.79	1
2412MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.01924G	-51.33	2.39986G	-38.82	2.4896G	-49.08	24.48304G	-33.84	2
2412MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.30437G	-50.94	2.39952G	-39.93	2.51486G	-49.05	24.69657G	-34.06	3
2412MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.10778G	-51.29	2.39994G	-39.50	2.48548G	-49.53	24.31166G	-34.31	4
2437MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.18962G	-51.44	2.39986G	-42.29	2.48888G	-47.91	24.16275G	-33.27	1
2437MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.14681G	-51.86	2.39982G	-43.63	2.4854G	-46.64	24.08127G	-34.46	2
2437MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	1.98371G	-50.88	2.39996G	-42.73	2.48394G	-47.15	24.37628G	-34.26	3
2437MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.10632G	-51.04	2.39984G	-42.20	2.48524G	-47.04	24.65161G	-34.31	4
2462MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.00264G	-51.35	2.39622G	-50.16	2.48462G	-44.86	24.27513G	-34.30	1
2462MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.11535G	-50.60	2.3901G	-50.01	2.48446G	-46.39	24.51114G	-33.87	2
2462MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.11506G	-51.05	2.39534G	-50.87	2.4843G	-47.35	24.43528G	-34.53	3
2462MHz_TnomVnom	Pass	2.43603G	10.22	-19.78	2.12205G	-50.77	2.3953G	-50.57	2.48508G	-47.48	24.46899G	-34.40	4
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	1.99053G	-51.48	2.39688G	-43.29	2.4875G	-48.44	24.13059G	-33.75	1
2422MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.17544G	-50.93	2.397G	-38.55	2.50018G	-49.48	24.09132G	-34.20	2
2422MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.30912G	-51.48	2.39704G	-41.22	2.48826G	-48.87	24.46994G	-34.43	3
2422MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.11705G	-51.22	2.39704G	-41.99	2.49638G	-49.03	24.06889G	-34.50	4
2437MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.14281G	-51.11	2.39812G	-45.99	2.48626G	-47.93	23.47993G	-34.06	1
2437MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.30569G	-51.02	2.39828G	-44.58	2.48402G	-48.03	24.53164G	-34.35	2
2437MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	1.8391G	-51.27	2.3978G	-45.17	2.48354G	-47.40	24.45591G	-34.39	3
2437MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.00226G	-50.78	2.3992G	-44.50	2.49314G	-48.84	24.48116G	-34.69	4
2452MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.14711G	-51.22	2.39992G	-49.52	2.4873G	-47.78	23.46871G	-33.83	1
2452MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.17401G	-51.48	2.39904G	-49.88	2.48946G	-44.56	24.23996G	-34.80	2
2452MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.1846G	-51.18	2.3974G	-50.09	2.48426G	-43.96	24.49518G	-33.86	3
2452MHz_TnomVnom	Pass	2.41048G	2.87	-27.13	2.30769G	-51.50	2.39672G	-49.19	2.4843G	-47.15	23.47151G	-33.73	4
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.14855G	-51.13	2.39702G	-41.14	2.49936G	-48.83	24.08127G	-34.49	1
2412MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	1.91847G	-51.01	2.39992G	-39.61	2.48912G	-49.09	24.43528G	-34.16	2
2412MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	1.9706G	-51.35	2.39984G	-41.09	2.51214G	-48.99	24.51676G	-33.98	3
2412MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.01458G	-51.82	2.39998G	-41.19	2.51222G	-49.58	24.38752G	-34.37	4
2437MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.16049G	-50.02	2.39858G	-39.66	2.49112G	-46.58	24.25266G	-34.51	1
2437MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.1072G	-50.81	2.3963G	-39.81	2.48526G	-45.12	24.46618G	-33.80	2
2437MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.18962G	-51.02	2.39956G	-41.49	2.48624G	-46.11	24.3819G	-34.29	3
2437MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.11885G	-51.37	2.39634G	-40.75	2.48406G	-46.20	24.40999G	-34.01	4
2462MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.1471G	-50.65	2.3974G	-49.25	2.4874G	-46.61	23.13726G	-34.14	1
2462MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.19574G	-51.67	2.39798G	-49.97	2.48548G	-46.88	24.09251G	-33.79	2
2462MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	2.09904G	-51.73	2.39344G	-49.70	2.48354G	-47.27	24.39875G	-34.09	3
2462MHz_TnomVnom	Pass	2.43645G	10.84	-19.16	1.82031G	-51.28	2.39588G	-50.47	2.48502G	-46.53	24.47742G	-34.17	4

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.02373G	-51.65	2.39528G	-43.61	2.50038G	-49.66	23.43786G	-34.17	1
2422MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.00999G	-50.95	2.39704G	-39.34	2.49026G	-48.58	24.47274G	-33.78	2
2422MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.11533G	-50.84	2.392G	-42.73	2.54034G	-49.55	24.1418G	-33.83	3
2422MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.09844G	-50.41	2.39948G	-42.59	2.53166G	-49.08	24.01279G	-34.48	4
2437MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.14596G	-51.55	2.39944G	-47.38	2.51894G	-49.02	24.06328G	-33.92	1
2437MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.19004G	-50.90	2.3996G	-43.72	2.48458G	-47.08	24.50079G	-34.25	2
2437MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.30712G	-50.88	2.39704G	-47.10	2.4837G	-47.65	24.35495G	-33.80	3
2437MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	1.98824G	-52.12	2.39824G	-44.80	2.48458G	-48.24	24.42506G	-33.73	4
2452MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.166G	-51.46	2.39632G	-49.36	2.48366G	-47.83	24.16424G	-34.45	1
2452MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	1.79731G	-51.27	2.39208G	-49.29	2.48498G	-44.54	24.55968G	-33.69	2
2452MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	1.93872G	-51.83	2.39892G	-49.39	2.48462G	-43.77	24.16424G	-34.50	3
2452MHz_TnomVnom	Pass	2.41349G	2.82	-27.18	2.12363G	-51.28	2.397G	-49.64	2.48702G	-47.58	24.43067G	-33.91	4

VHT20-BF_Nss1,(MCS0)_4TX

CSE NdB

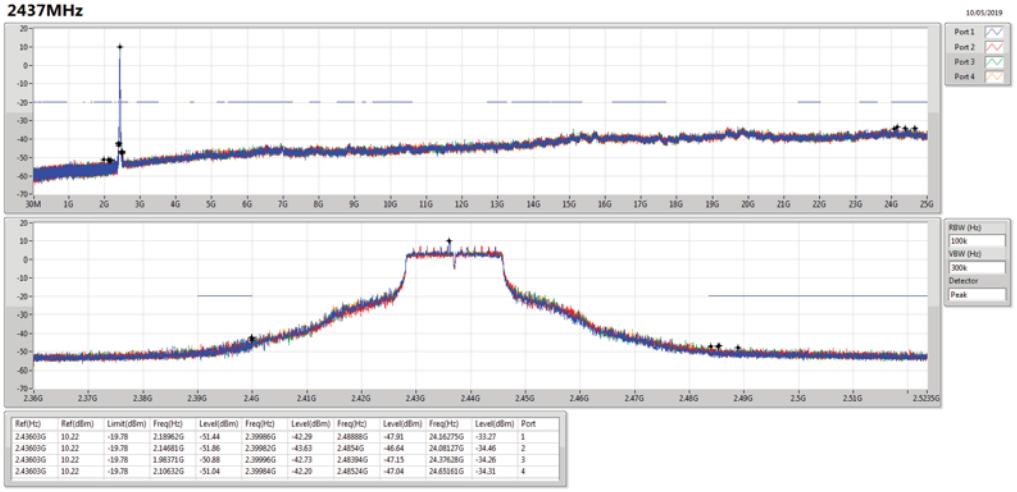
2412MHz



VHT20-BF_Nss1,(MCS0)_4TX

CSE NdB

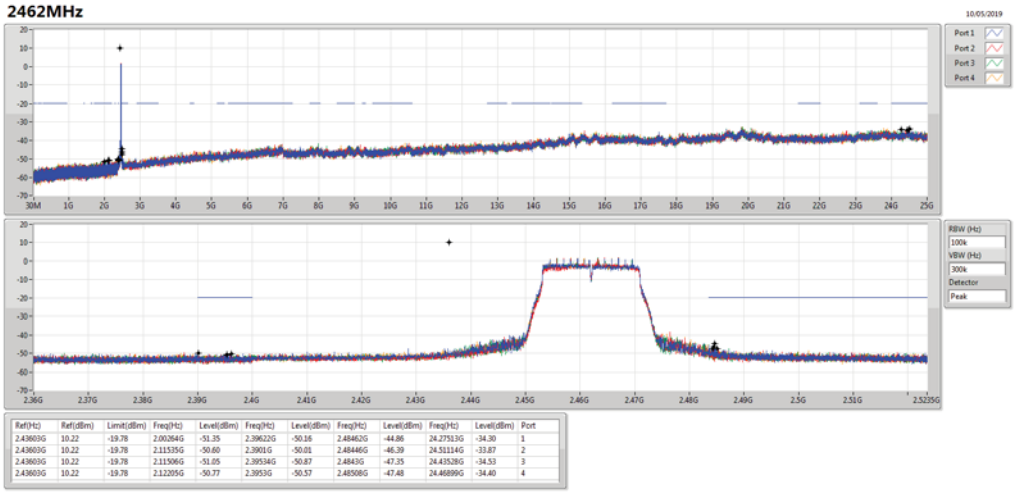
2437MHz



VHT20-BF_Nss1,(MCS0)_4TX

CSE NdB

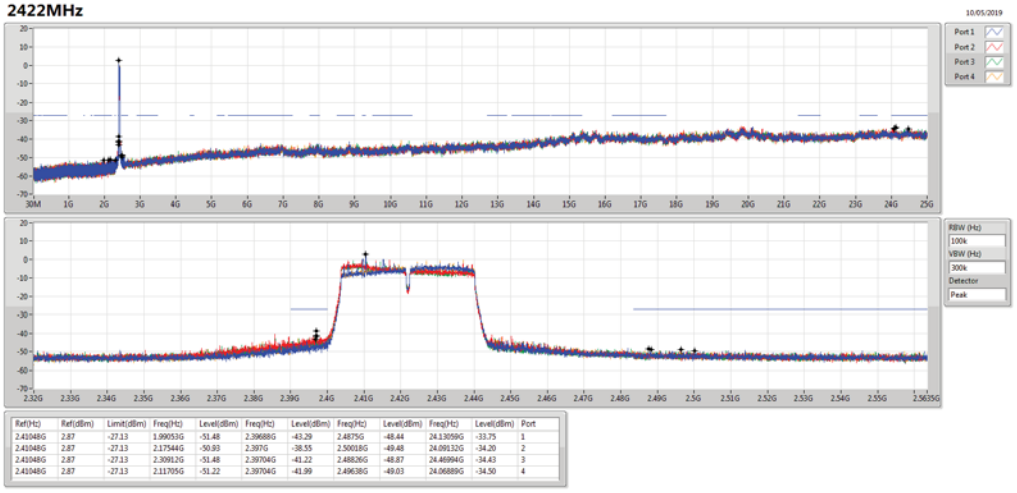
2462MHz



VHT40-BF_Nss1,(MCS0)_4TX

CSE NdB

2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41048G	2.87	-27.13	1.99053G	-51.48	2.39688G	-43.29	2.4875G	-48.44	24.13059G	-33.75	1
2.41048G	2.87	-27.13	2.17544G	-50.93	2.397G	-38.55	2.50018G	-49.48	24.09132G	-34.20	2
2.41048G	2.87	-27.13	2.30912G	-51.48	2.39704G	-41.22	2.48826G	-48.87	24.469944G	-34.43	3
2.41048G	2.87	-27.13	2.11705G	-51.22	2.39704G	-41.99	2.49638G	-49.03	24.068889G	-34.50	4

VHT40-BF_Nss1,(MCS0)_4TX

CSE NdB

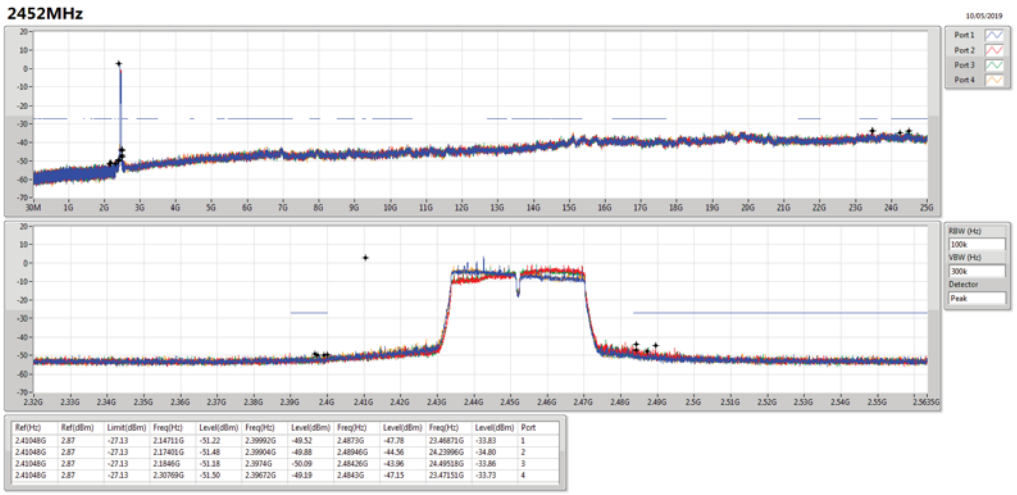
2437MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41048G	2.87	-27.13	2.14281G	-51.11	2.39812G	-45.99	2.48626G	-47.93	23.47993G	-34.06	1
2.41048G	2.87	-27.13	2.30569G	-51.02	2.39828G	-44.58	2.48402G	-48.03	24.53164G	-34.35	2
2.41048G	2.87	-27.13	1.8391G	-51.27	2.3978G	-45.17	2.48354G	-47.40	24.45591G	-34.39	3
2.41048G	2.87	-27.13	2.00226G	-50.78	2.3992G	-44.50	2.49314G	-48.84	24.48116G	-34.69	4

VHT40-BF_Nss1,(MCS0)_4TX

CSE NdB

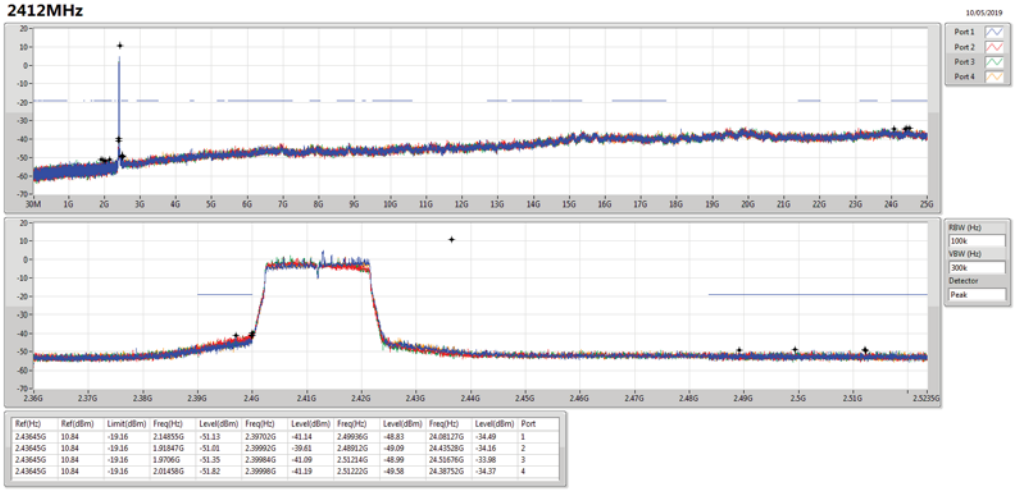
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41048G	2.87	-27.13	2.14711G	-51.22	2.39992G	-49.52	2.4873G	-47.78	23.46871G	-33.83	1
2.41048G	2.87	-27.13	2.17401G	-51.48	2.39904G	-49.88	2.48946G	-44.56	24.23996G	-34.80	2
2.41048G	2.87	-27.13	2.1846G	-51.18	2.3974G	-50.09	2.48426G	-43.96	24.49518G	-33.86	3
2.41048G	2.87	-27.13	2.30769G	-51.50	2.39672G	-49.19	2.4843G	-47.15	23.47151G	-33.73	4

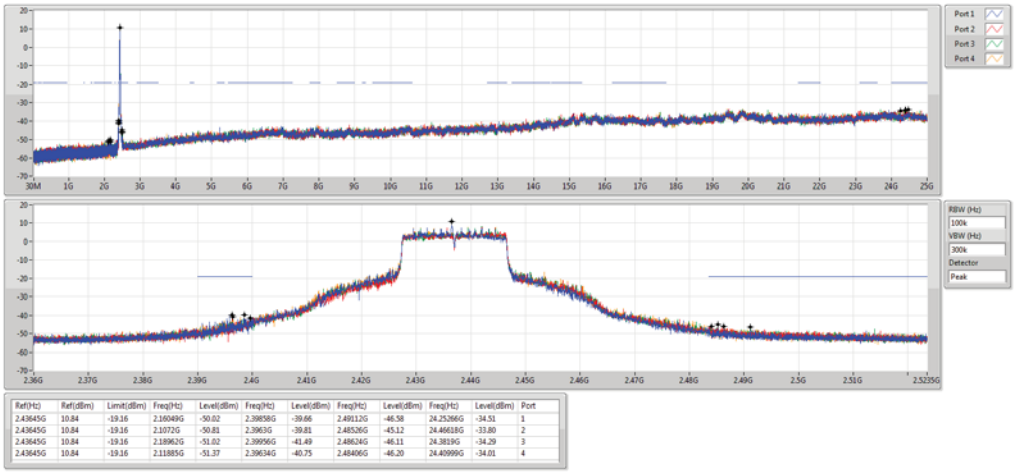
802.11ax HEW20-BF_Nss1,(MCS0)_4TX CSE NdB

2412MHz



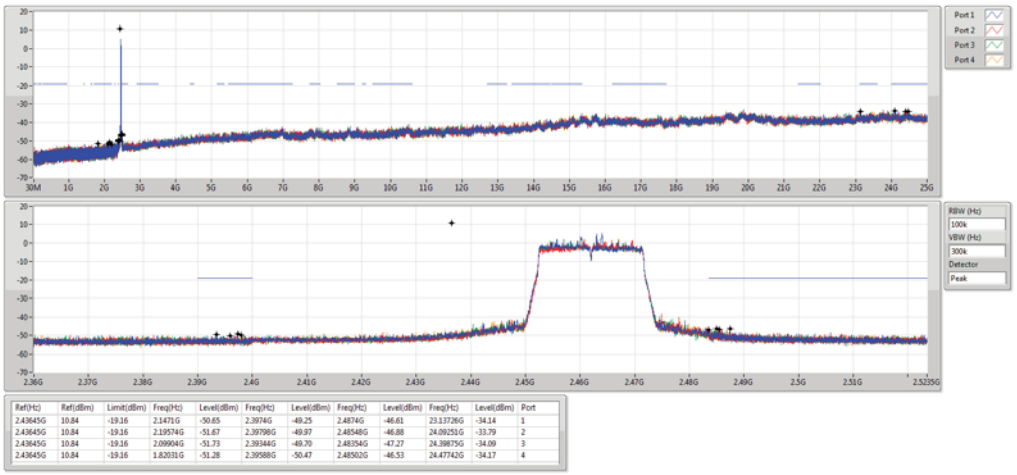
802.11ax HEW20-BF_Nss1,(MCS0)_4TX CSE NdB

2437MHz



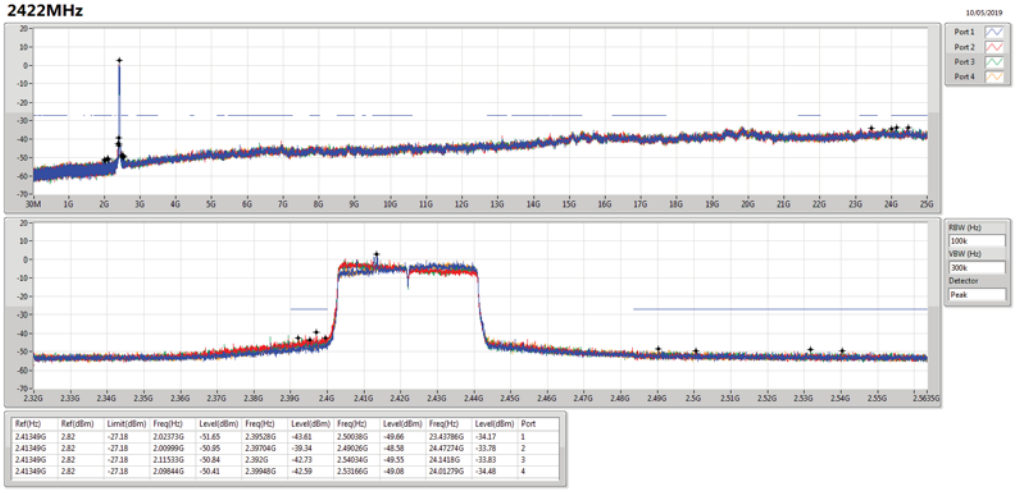
802.11ax HEW20-BF_Nss1,(MCS0)_4TX CSE NdB

2462MHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSE NdB**

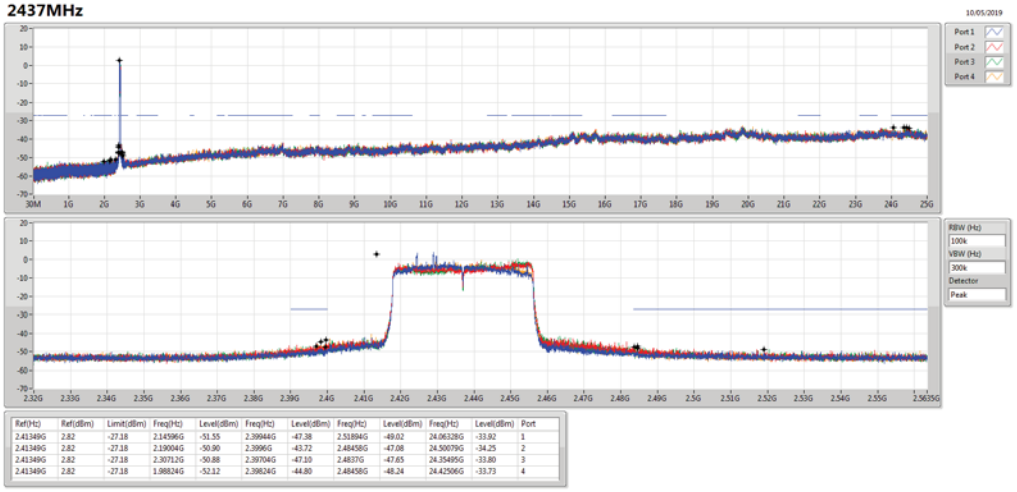
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41349G	2.82	-27.18	2.02373G	-51.65	2.39528G	-43.61	2.50038G	-49.66	23.43786G	-34.17	1
2.41349G	2.82	-27.18	2.00999G	-50.95	2.39704G	-39.34	2.49026G	-48.58	24.47274G	-33.78	2
2.41349G	2.82	-27.18	2.11533G	-50.84	2.392G	-42.73	2.54034G	-49.55	24.1418G	-33.83	3
2.41349G	2.82	-27.18	2.09844G	-50.41	2.39948G	-42.59	2.53166G	-49.08	24.01279G	-34.48	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSE NdB**

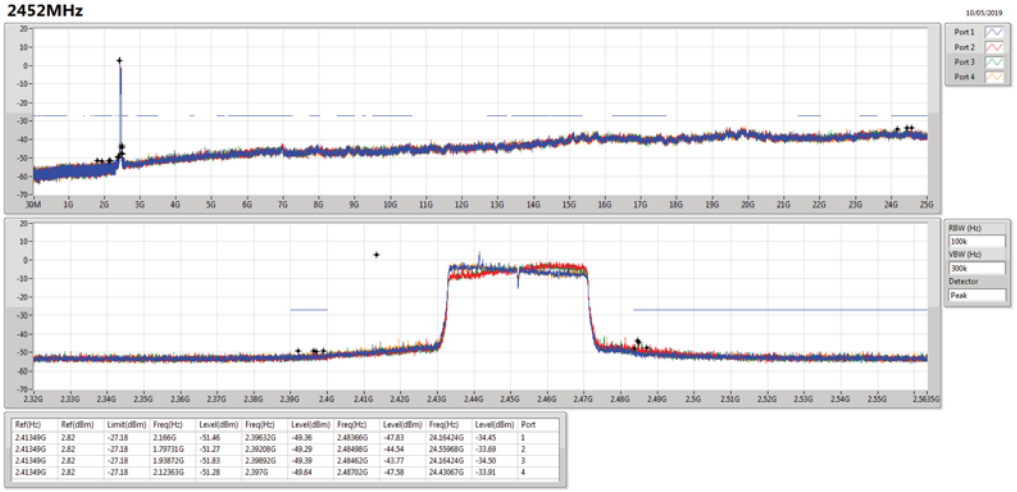
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41349G	2.82	-27.18	2.14596G	-51.55	2.39944G	-47.38	2.51894G	-49.02	24.06328G	-33.92	1
2.41349G	2.82	-27.18	2.19004G	-50.90	2.3996G	-43.72	2.48458G	-47.08	24.50079G	-34.25	2
2.41349G	2.82	-27.18	2.30712G	-50.88	2.39704G	-47.10	2.4837G	-47.65	24.35495G	-33.80	3
2.41349G	2.82	-27.18	1.98824G	-52.12	2.39824G	-44.80	2.48458G	-48.24	24.42506G	-33.73	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41349G	2.82	-27.18	2.166G	-51.46	2.39632G	-49.36	2.48366G	-47.83	24.16424G	-34.45	1
2.41349G	2.82	-27.18	1.79731G	-51.27	2.39208G	-49.29	2.48498G	-44.54	24.55968G	-33.69	2
2.41349G	2.82	-27.18	1.93872G	-51.83	2.39892G	-49.39	2.48462G	-43.77	24.16424G	-34.50	3
2.41349G	2.82	-27.18	2.12363G	-51.28	2.397G	-49.64	2.48702G	-47.58	24.43067G	-33.91	4

Summary

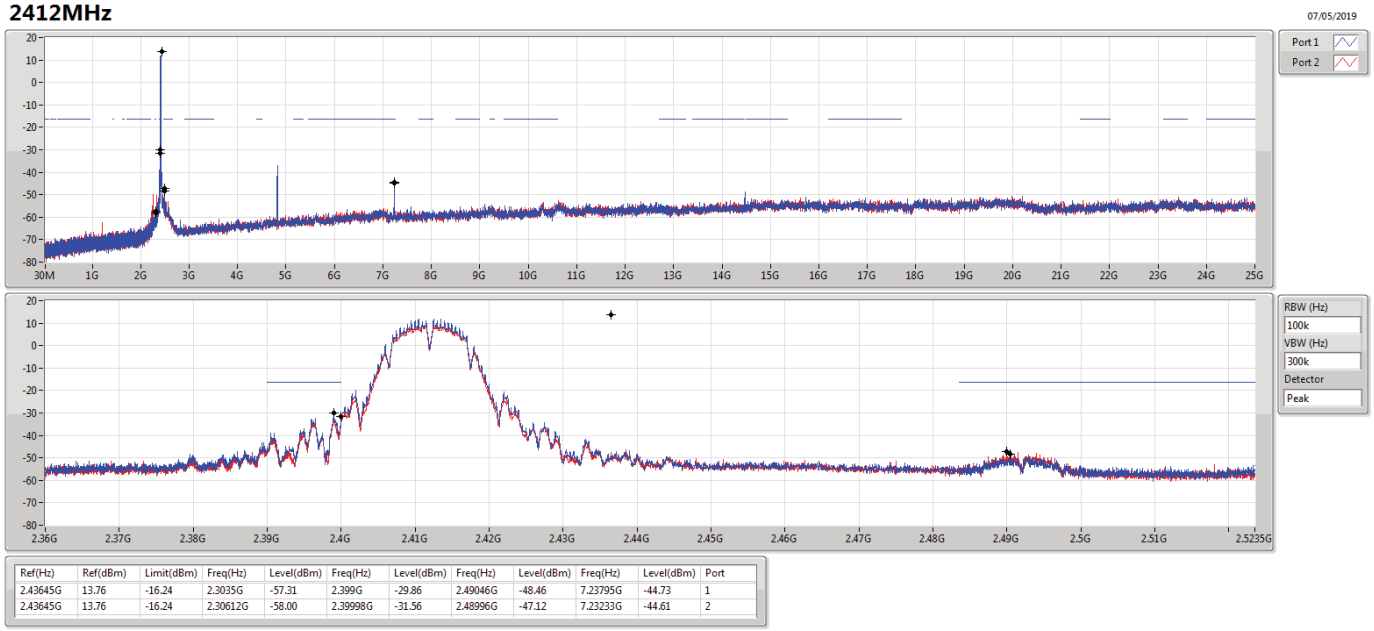
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43645G	13.76	-16.24	2.3035G	-57.31	2.399G	-29.86	2.49046G	-48.46	7.23795G	-44.73	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44196G	11.90	-18.10	2.30408G	-59.78	2.39824G	-29.23	2.48822G	-50.88	14.98953G	-51.52	2
VHT20_Nss1,(MCS0)_2TX	Pass	2.43073G	10.60	-19.40	2.30262G	-59.13	2.3973G	-29.02	2.48478G	-51.81	14.98391G	-50.99	2
VHT40_Nss1,(MCS0)_2TX	Pass	2.442G	1.34	-28.66	2.30941G	-61.81	2.39952G	-35.79	2.48454G	-44.48	23.4042G	-51.20	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43645G	13.76	-16.24	2.3035G	-57.31	2.399G	-29.86	2.49046G	-48.46	7.23795G	-44.73	1
2412MHz	Pass	2.43645G	13.76	-16.24	2.30612G	-58.00	2.39998G	-31.56	2.48996G	-47.12	7.23233G	-44.61	2
2437MHz	Pass	2.43645G	13.76	-16.24	2.30525G	-56.82	2.39796G	-44.60	2.48392G	-47.09	14.62148G	-45.85	1
2437MHz	Pass	2.43645G	13.76	-16.24	2.30874G	-58.65	2.39776G	-48.13	2.51786G	-49.51	14.62148G	-48.14	2
2462MHz	Pass	2.43645G	13.76	-16.24	2.30466G	-58.94	2.3907G	-52.36	2.48352G	-38.62	14.77319G	-46.94	1
2462MHz	Pass	2.43645G	13.76	-16.24	2.30059G	-47.22	2.39996G	-50.59	2.48352G	-43.28	14.77319G	-48.66	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	11.90	-18.10	2.30525G	-60.76	2.3998G	-33.70	2.49036G	-52.90	16.72022G	-51.29	1
2412MHz	Pass	2.44196G	11.90	-18.10	2.30408G	-59.78	2.39824G	-29.23	2.48822G	-50.88	14.98953G	-51.52	2
2437MHz	Pass	2.44196G	11.90	-18.10	2.30641G	-58.00	2.39948G	-37.32	2.48536G	-42.31	2.5235G	-51.12	1
2437MHz	Pass	2.44196G	11.90	-18.10	2.30758G	-57.56	2.3995G	-38.68	2.48444G	-45.67	23.4126G	-51.42	2
2462MHz	Pass	2.44196G	11.90	-18.10	2.30408G	-59.62	2.39768G	-54.88	2.48386G	-40.34	15.31263G	-51.18	1
2462MHz	Pass	2.44196G	11.90	-18.10	2.30146G	-52.86	2.39012G	-52.60	2.48388G	-39.77	23.40698G	-51.41	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	10.60	-19.40	2.30495G	-60.66	2.39882G	-29.73	2.48454G	-53.46	15.34072G	-50.94	1
2412MHz	Pass	2.43073G	10.60	-19.40	2.30262G	-59.13	2.3973G	-29.02	2.48478G	-51.81	14.98391G	-50.99	2
2437MHz	Pass	2.43073G	10.60	-19.40	2.30845G	-59.45	2.39758G	-37.77	2.4839G	-44.15	16.85227G	-50.42	1
2437MHz	Pass	2.43073G	10.60	-19.40	2.30961G	-57.75	2.39948G	-38.78	2.48384G	-46.21	24.89324G	-51.00	2
2462MHz	Pass	2.43073G	10.60	-19.40	2.30583G	-62.15	2.39624G	-56.32	2.4845G	-44.82	15.30982G	-50.39	1
2462MHz	Pass	2.43073G	10.60	-19.40	2.30379G	-56.01	2.39008G	-54.17	2.48568G	-41.40	14.69172G	-50.68	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	1.34	-28.66	2.30426G	-61.33	2.397G	-41.02	2.48446G	-54.42	24.46994G	-51.12	1
2422MHz	Pass	2.442G	1.34	-28.66	2.30168G	-61.75	2.39792G	-40.06	2.4907G	-54.36	16.90884G	-50.63	2
2437MHz	Pass	2.442G	1.34	-28.66	2.30941G	-61.81	2.39952G	-35.79	2.48454G	-44.48	23.4042G	-51.20	1
2437MHz	Pass	2.442G	1.34	-28.66	2.30998G	-61.50	2.39952G	-36.12	2.48354G	-40.66	14.9821G	-51.19	2
2452MHz	Pass	2.442G	1.34	-28.66	2.30283G	-61.02	2.39724G	-48.99	2.4889G	-43.85	23.42384G	-51.35	1
2452MHz	Pass	2.442G	1.34	-28.66	2.30712G	-57.26	2.39764G	-48.34	2.48818G	-39.17	16.90323G	-51.27	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

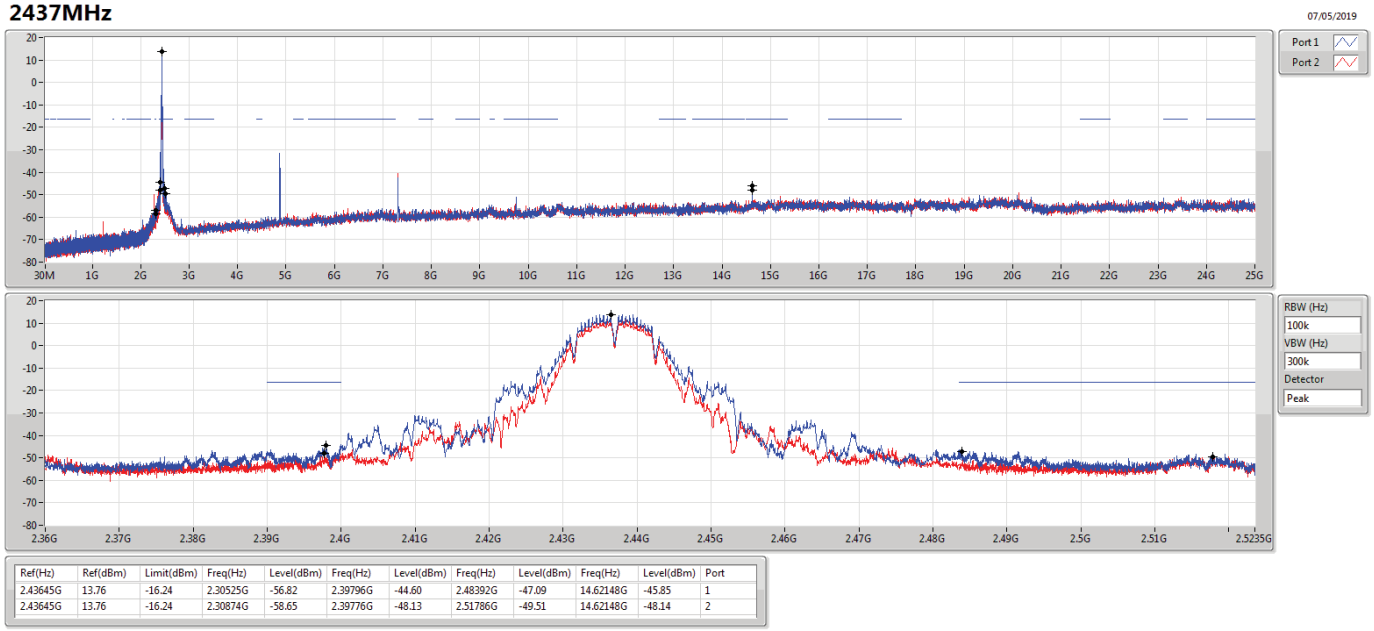
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43645G	13.76	-16.24	2.3035G	-57.31	2.399G	-29.86	2.49046G	-48.46	7.23795G	-44.73	1
2.43645G	13.76	-16.24	2.30612G	-58.00	2.39998G	-31.56	2.48996G	-47.12	7.23233G	-44.61	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

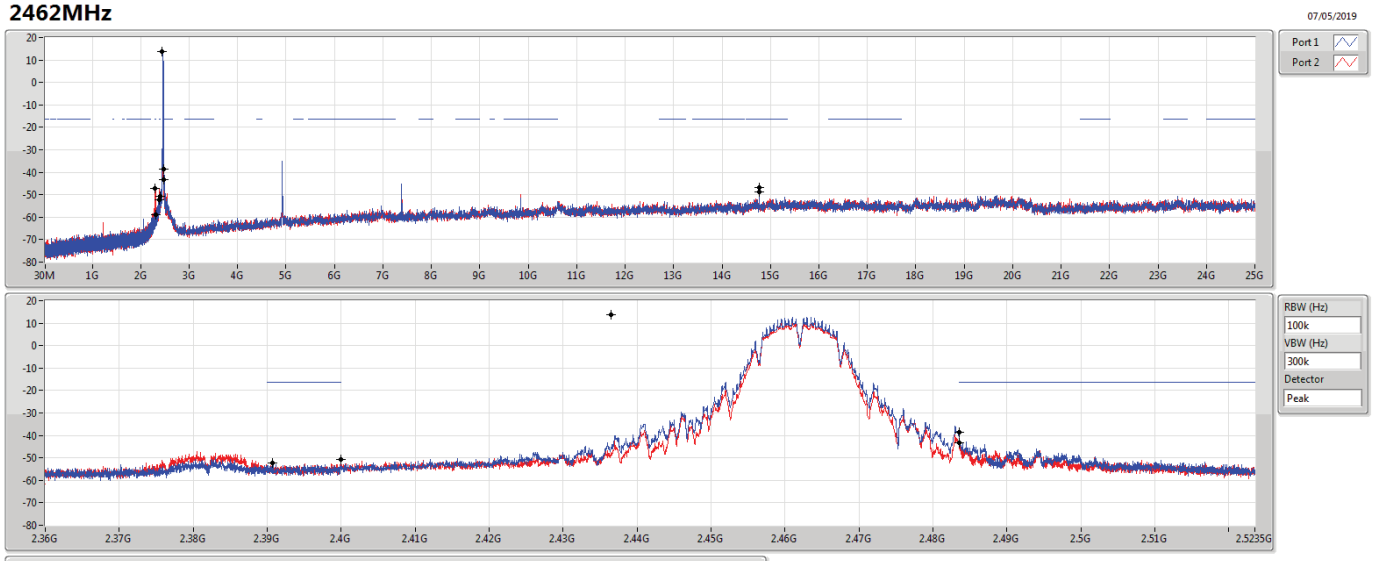
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43645G	13.76	-16.24	2.30525G	-56.82	2.39796G	-44.60	2.48392G	-47.09	14.62148G	-45.85	1
2.43645G	13.76	-16.24	2.30874G	-58.65	2.39776G	-48.13	2.51786G	-49.51	14.62148G	-48.14	2

802.11b_Nss1,(1Mbps)_2TX **CSE NdB**

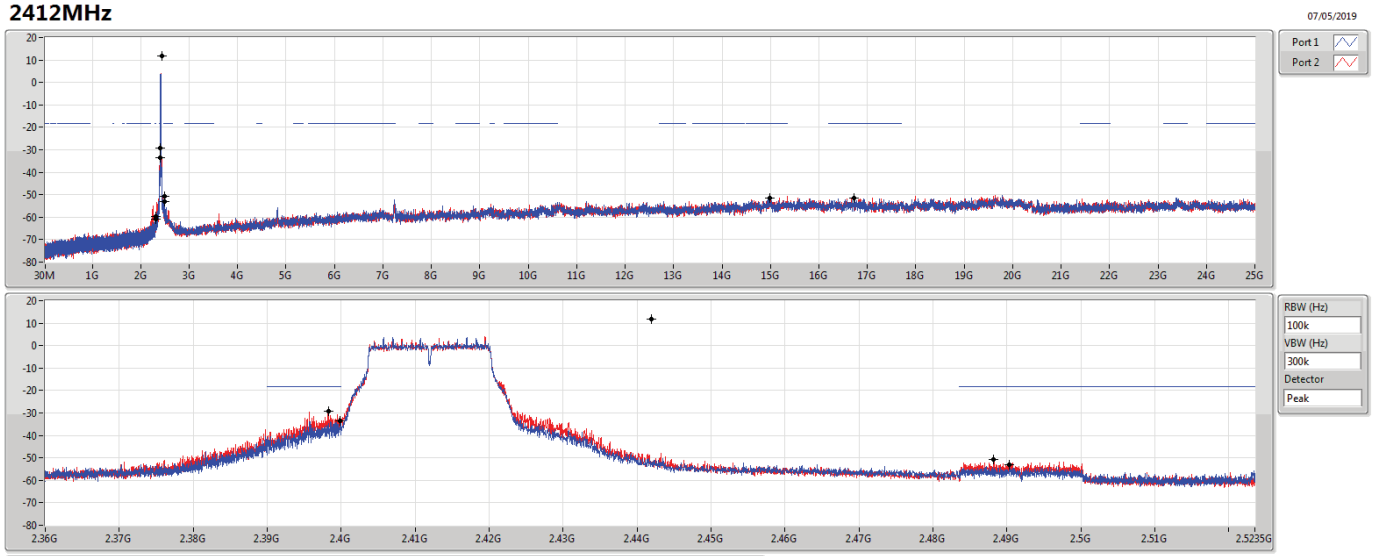
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43645G	13.76	-16.24	2.30466G	-58.94	2.3907G	-52.36	2.48352G	-38.62	14.77319G	-46.94	1
2.43645G	13.76	-16.24	2.30059G	-47.22	2.39996G	-50.59	2.48352G	-43.28	14.77319G	-48.66	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

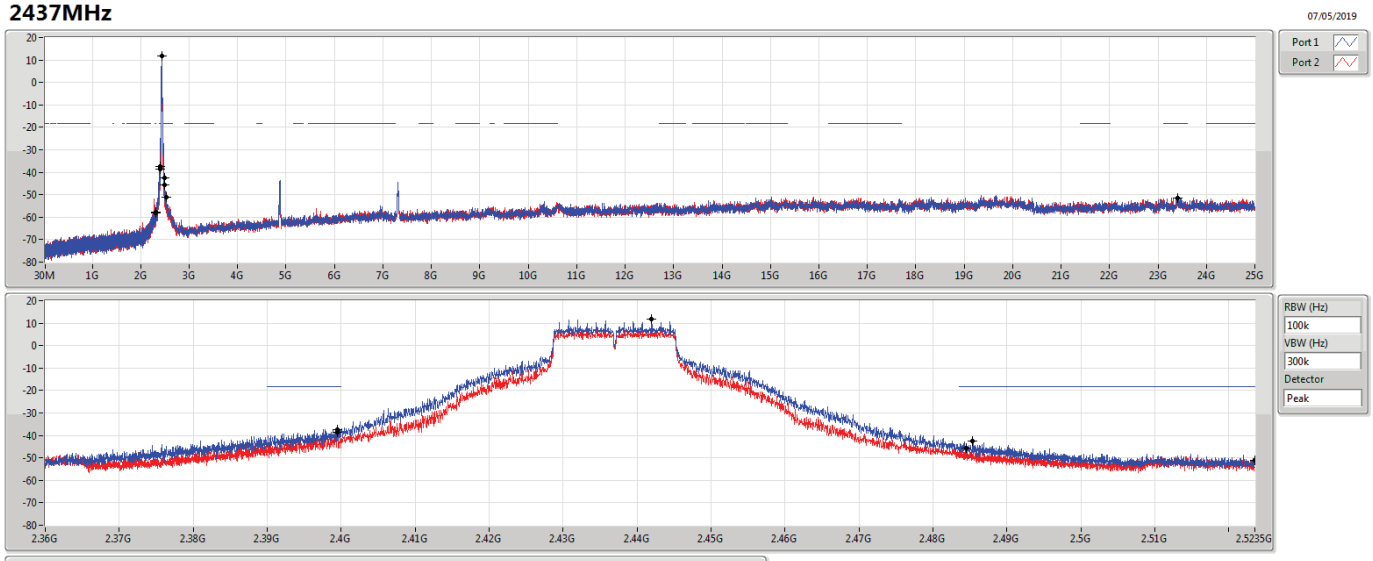
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	11.90	-18.10	2.30525G	-60.76	2.3998G	-33.70	2.49036G	-52.90	16.72022G	-51.29	1
2.44196G	11.90	-18.10	2.30408G	-59.78	2.39824G	-29.23	2.48822G	-50.88	14.98953G	-51.52	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

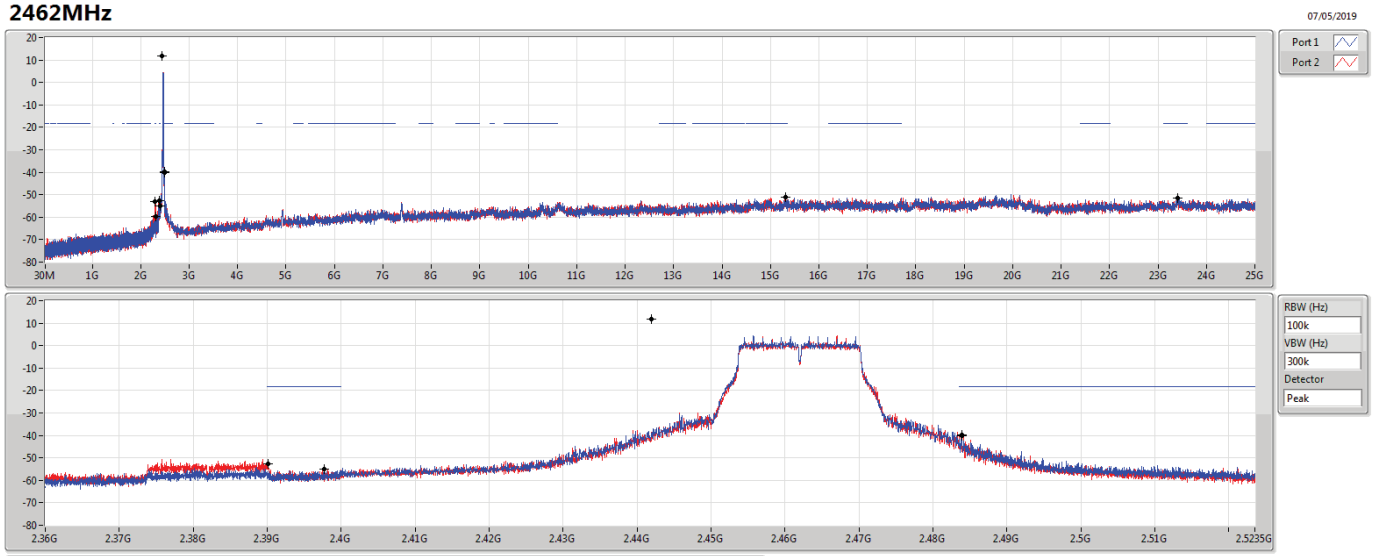
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	11.90	-18.10	2.30641G	-58.00	2.39948G	-37.32	2.48536G	-42.31	2.5235G	-51.12	1
2.44196G	11.90	-18.10	2.30758G	-57.56	2.3995G	-38.68	2.48444G	-45.67	23.4126G	-51.42	2

802.11g_Nss1,(6Mbps)_2TX **CSE NdB**

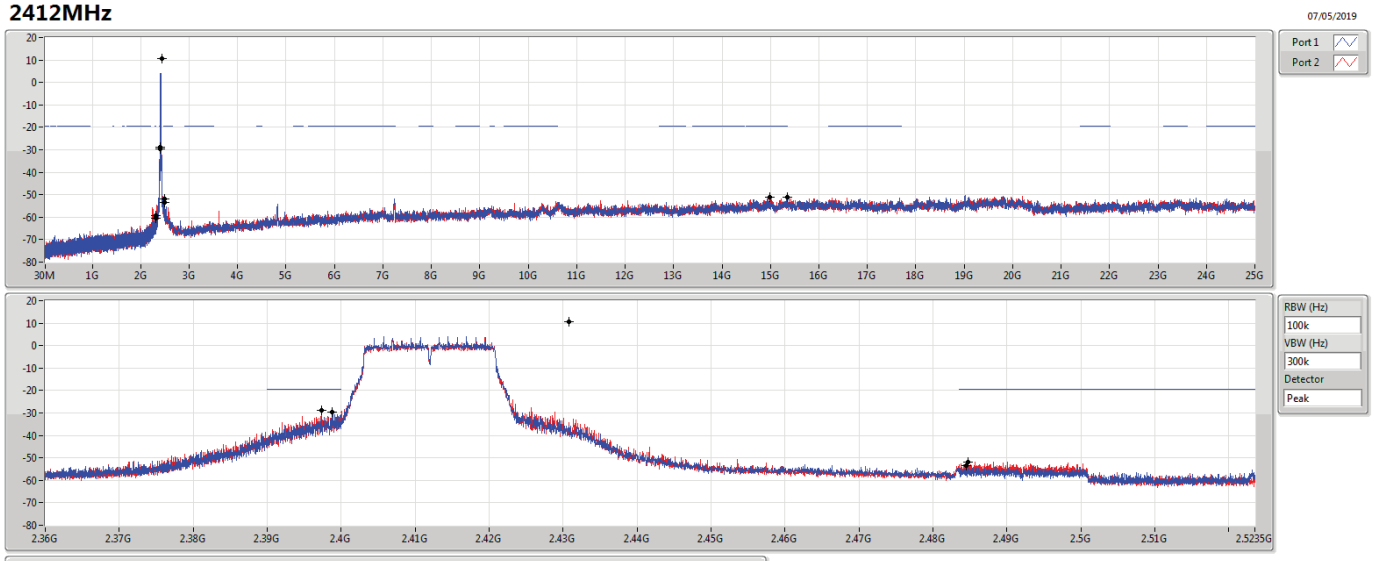
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	11.90	-18.10	2.30408G	-59.62	2.39768G	-54.88	2.48386G	-40.34	15.31263G	-51.18	1
2.44196G	11.90	-18.10	2.30146G	-52.86	2.39012G	-52.60	2.48388G	-39.77	23.40698G	-51.41	2

VHT20_Nss1,(MCS0)_2TX **CSE NdB**

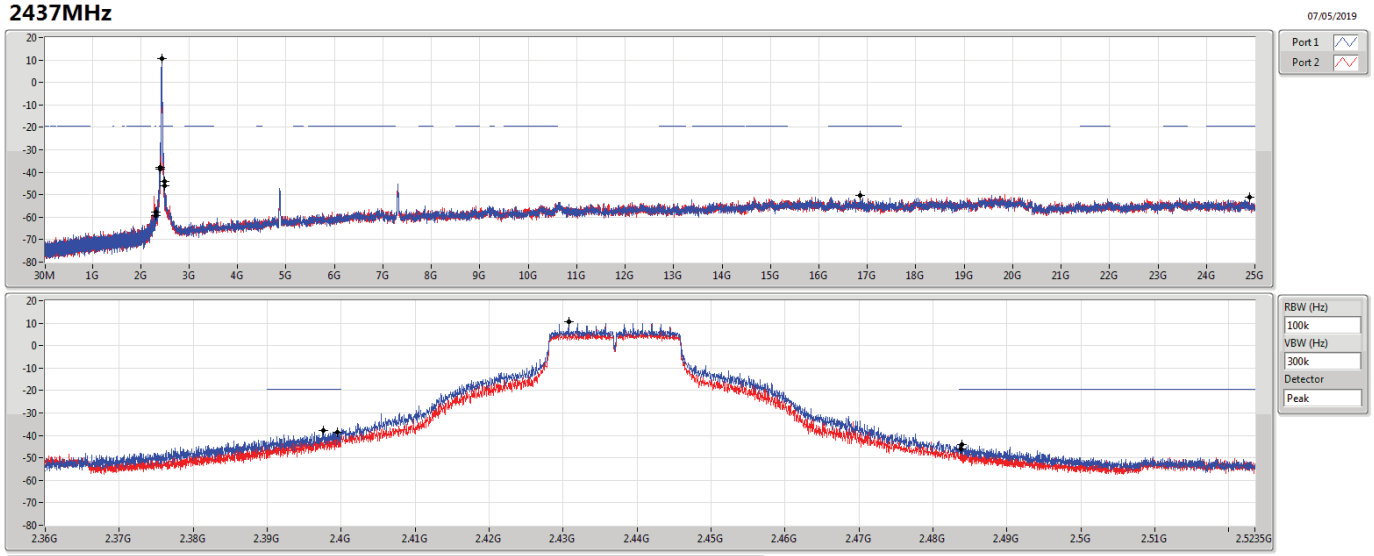
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	10.60	-19.40	2.30495G	-60.66	2.39882G	-29.73	2.48454G	-53.46	15.34072G	-50.94	1
2.43073G	10.60	-19.40	2.30262G	-59.13	2.3973G	-29.02	2.48478G	-51.81	14.98391G	-50.99	2

VHT20_Nss1,(MCS0)_2TX **CSE NdB**

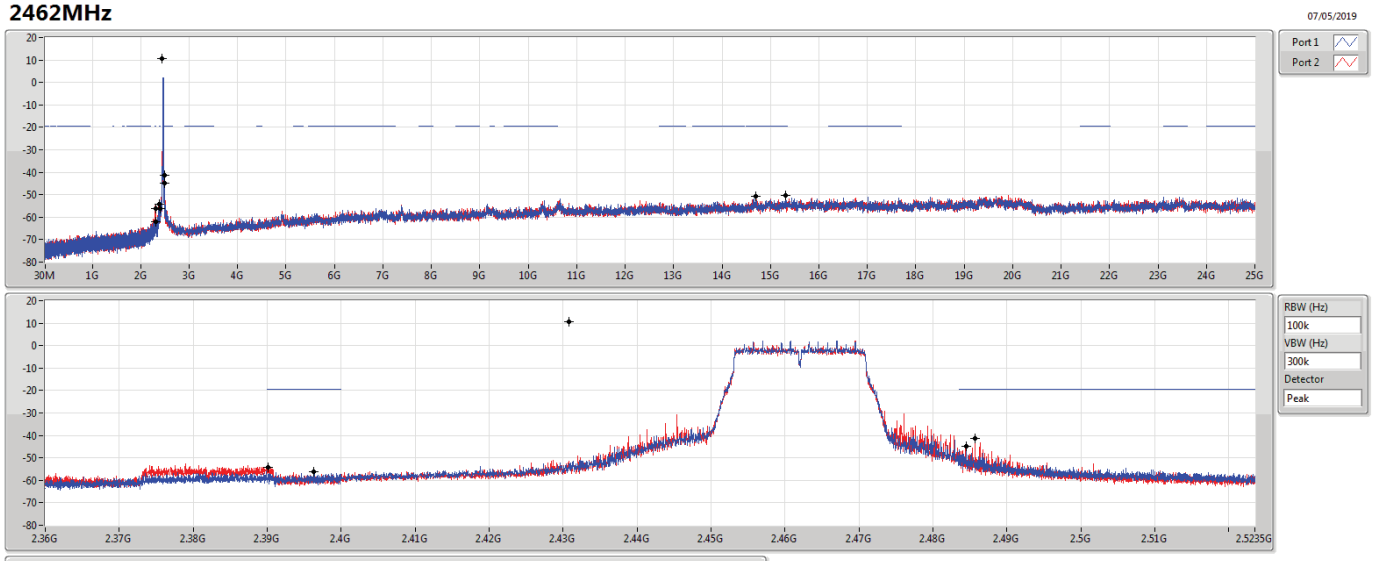
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	10.60	-19.40	2.30845G	-59.45	2.39758G	-37.77	2.4839G	-44.15	16.85227G	-50.42	1
2.43073G	10.60	-19.40	2.30961G	-57.75	2.39948G	-38.78	2.48384G	-46.21	24.89324G	-51.00	2

VHT20_Nss1,(MCS0)_2TX **CSE NdB**

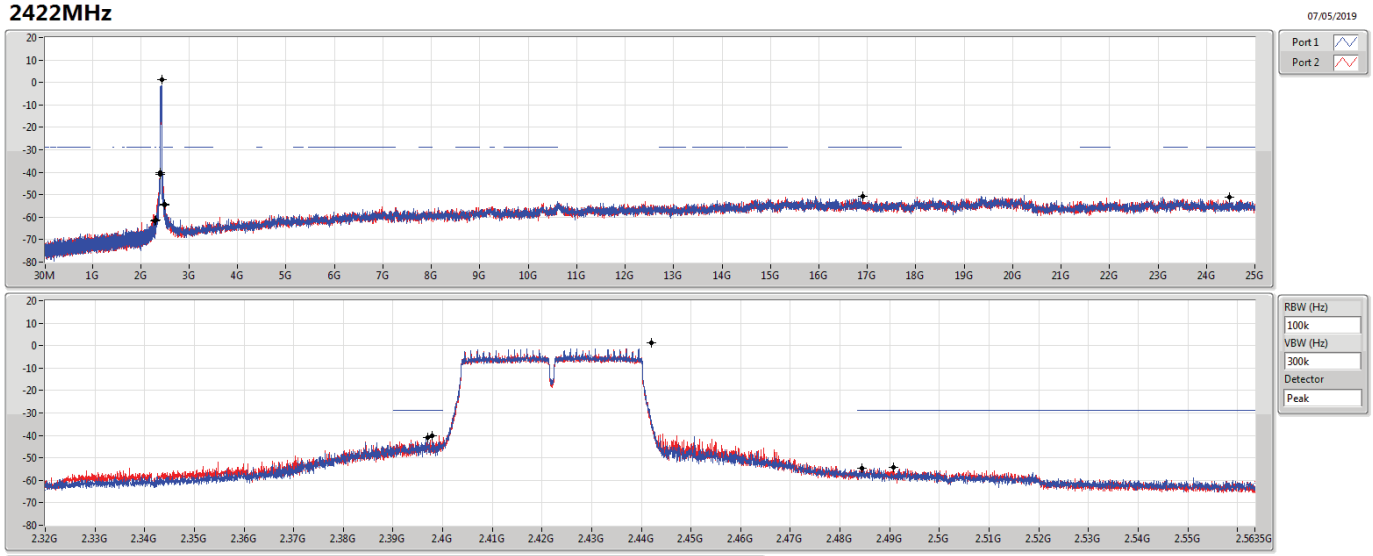
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	10.60	-19.40	2.30583G	-62.15	2.39624G	-56.32	2.4845G	-44.82	15.30982G	-50.39	1
2.43073G	10.60	-19.40	2.30379G	-56.01	2.39008G	-54.17	2.48568G	-41.40	14.69172G	-50.68	2

VHT40_Nss1,(MCS0)_2TX **CSE NdB**

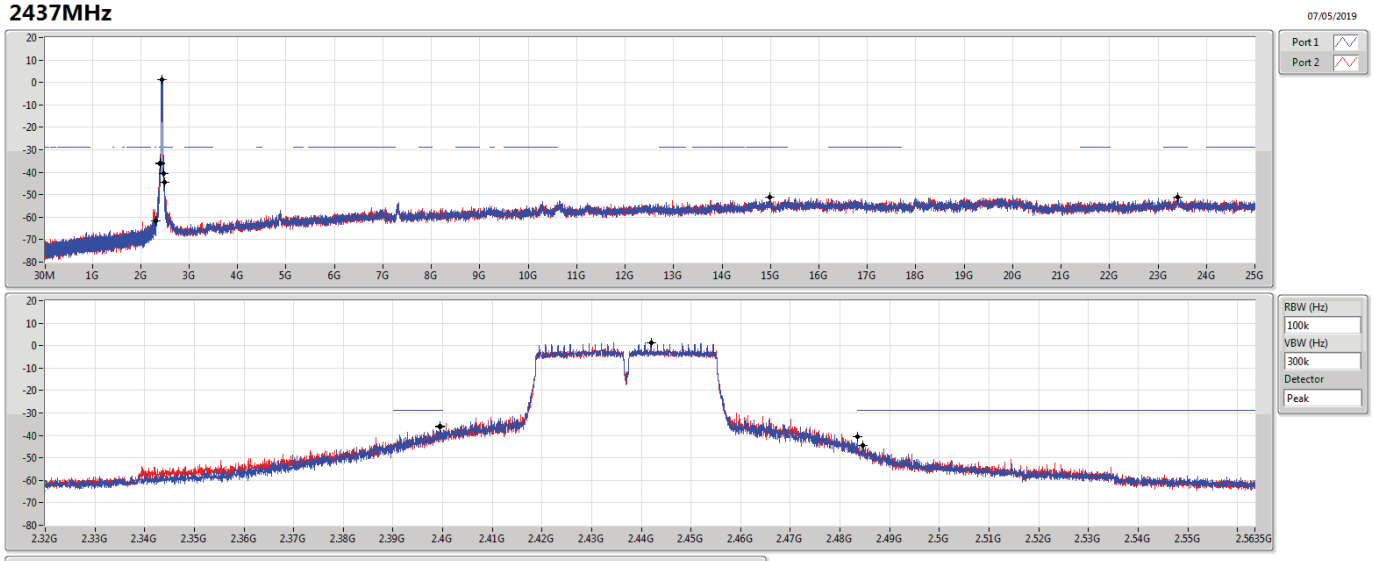
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	1.34	-28.66	2.30426G	-61.33	2.397G	-41.02	2.48446G	-54.42	24.46994G	-51.12	1
2.442G	1.34	-28.66	2.30168G	-61.75	2.39792G	-40.06	2.4907G	-54.36	16.90884G	-50.63	2

VHT40_Nss1,(MCS0)_2TX **CSE NdB**

2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	1.34	-28.66	2.30941G	-61.81	2.39952G	-35.79	2.48454G	-44.48	23.4042G	-51.20	1
2.442G	1.34	-28.66	2.30998G	-61.50	2.39952G	-36.12	2.48354G	-40.66	14.9821G	-51.19	2

VHT40_Nss1,(MCS0)_2TX **CSE NdB**

2452MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	1.34	-28.66	2.30283G	-61.02	2.39724G	-48.99	2.4889G	-43.85	23.42384G	-51.35	1
2.442G	1.34	-28.66	2.30712G	-57.26	2.39764G	-48.34	2.48818G	-39.17	16.90323G	-51.27	2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	PK	43.58M	34.17	40.00	-5.83	-20.09	3	Vertical	0	1.00	-

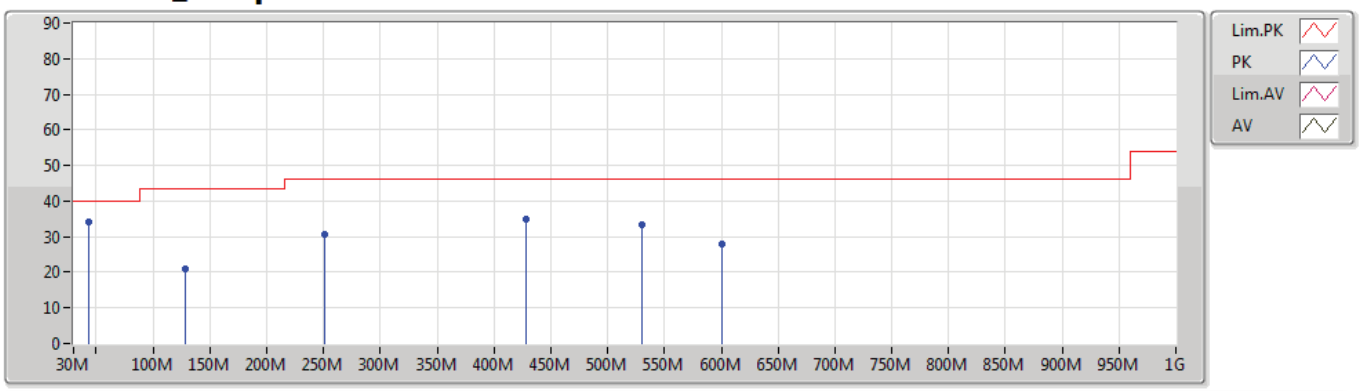
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2437MHz	Pass	PK	43.58M	34.17	40.00	-5.83	-20.09	3	Vertical	0	1.00	-
2437MHz	Pass	PK	128.94M	21.12	43.50	-22.38	-18.96	3	Vertical	0	1.00	-
2437MHz	Pass	PK	251.16M	30.59	46.00	-15.41	-16.94	3	Vertical	0	1.00	-
2437MHz	Pass	PK	427.7M	34.80	46.00	-11.20	-12.92	3	Vertical	0	1.00	-
2437MHz	Pass	PK	530.52M	33.24	46.00	-12.76	-11.74	3	Vertical	0	1.00	-
2437MHz	Pass	PK	600.36M	27.90	46.00	-18.10	-10.43	3	Vertical	0	1.00	-
2437MHz	Pass	PK	41.64M	21.70	40.00	-18.30	-19.06	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	92.08M	26.60	43.50	-16.90	-21.91	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	255.04M	28.18	46.00	-17.82	-16.35	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	423.82M	33.57	46.00	-12.43	-12.96	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	526.64M	34.34	46.00	-11.66	-11.76	3	Horizontal	360	1.00	-
2437MHz	Pass	PK	596.48M	25.71	46.00	-20.29	-10.46	3	Horizontal	360	1.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

10/05/2019

2437MHz_Adapter

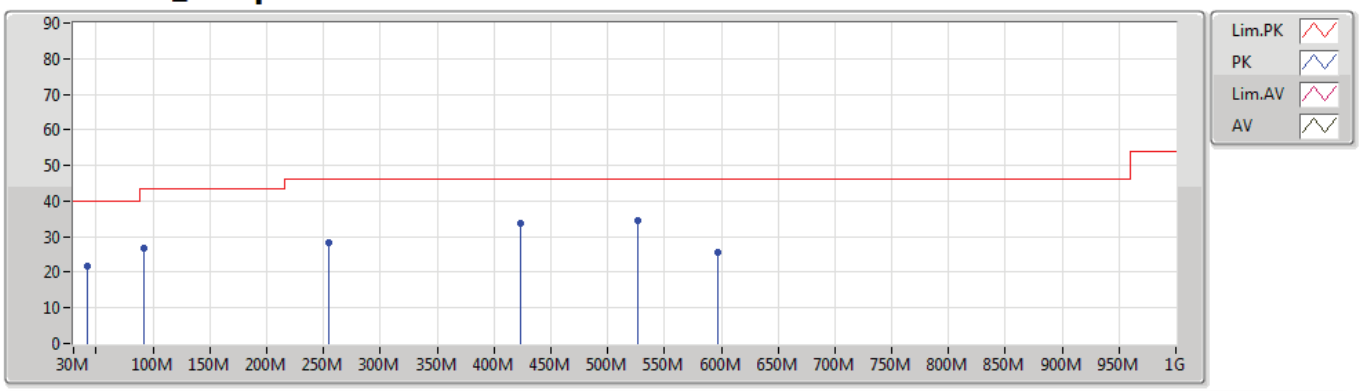


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	43.58M	34.17	40.00	-5.83	-20.09	3	Vertical	0	1.00	-
PK	128.94M	21.12	43.50	-22.38	-18.96	3	Vertical	0	1.00	-
PK	251.16M	30.59	46.00	-15.41	-16.94	3	Vertical	0	1.00	-
PK	427.7M	34.80	46.00	-11.20	-12.92	3	Vertical	0	1.00	-
PK	530.52M	33.24	46.00	-12.76	-11.74	3	Vertical	0	1.00	-
PK	600.36M	27.90	46.00	-18.10	-10.43	3	Vertical	0	1.00	-

802.11ax HEW40_Nss1,(MCS0)_4TX

10/05/2019

2437MHz_Adapter



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	41.64M	21.70	40.00	-18.30	-19.06	3	Horizontal	360	1.00	-
PK	92.08M	26.60	43.50	-16.90	-21.91	3	Horizontal	360	1.00	-
PK	255.04M	28.18	46.00	-17.82	-16.35	3	Horizontal	360	1.00	-
PK	423.82M	33.57	46.00	-12.43	-12.96	3	Horizontal	360	1.00	-
PK	526.64M	34.34	46.00	-11.66	-11.76	3	Horizontal	360	1.00	-
PK	596.48M	25.71	46.00	-20.29	-10.46	3	Horizontal	360	1.00	-

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	2.39G	52.88	54.00	-1.12	32.23	3	Horizontal	4	2.94	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4862G	52.89	54.00	-1.11	32.10	3	Vertical	310	2.99	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	2.389G	52.76	54.00	-1.24	32.22	3	Vertical	314	2.75	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.3898G	52.94	54.00	-1.06	32.23	3	Vertical	315	2.68	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.387G	52.35	54.00	-1.65	32.23	3	Vertical	158	2.41	-
2412MHz	Pass	AV	2.4112G	111.56	Inf	-Inf	32.19	3	Vertical	158	2.41	-
2412MHz	Pass	PK	2.3884G	61.48	74.00	-12.52	32.23	3	Vertical	158	2.41	-
2412MHz	Pass	PK	2.4128G	113.56	Inf	-Inf	32.18	3	Vertical	158	2.41	-
2412MHz	Pass	AV	2.39G	52.54	54.00	-1.46	32.23	3	Horizontal	289	2.67	-
2412MHz	Pass	AV	2.4112G	110.83	Inf	-Inf	32.19	3	Horizontal	289	2.67	-
2412MHz	Pass	PK	2.3898G	61.81	74.00	-12.19	32.23	3	Horizontal	289	2.67	-
2412MHz	Pass	PK	2.4112G	112.81	Inf	-Inf	32.19	3	Horizontal	289	2.67	-
2412MHz	Pass	AV	4.82394G	46.23	54.00	-7.77	8.16	3	Vertical	173	2.73	-
2412MHz	Pass	PK	4.824G	51.30	74.00	-22.70	8.16	3	Vertical	173	2.73	-
2412MHz	Pass	AV	4.82394G	47.31	54.00	-6.69	8.16	3	Horizontal	261	2.61	-
2412MHz	Pass	PK	4.82388G	51.68	74.00	-22.32	8.16	3	Horizontal	261	2.61	-
2417MHz	Pass	AV	2.3874G	52.10	54.00	-1.90	32.23	3	Vertical	309	2.75	-
2417MHz	Pass	AV	2.4162G	114.84	Inf	-Inf	32.18	3	Vertical	309	2.75	-
2417MHz	Pass	PK	2.388G	62.12	74.00	-11.88	32.23	3	Vertical	309	2.75	-
2417MHz	Pass	PK	2.4162G	116.75	Inf	-Inf	32.18	3	Vertical	309	2.75	-
2417MHz	Pass	AV	2.39G	52.88	54.00	-1.12	32.23	3	Horizontal	4	2.94	-
2417MHz	Pass	AV	2.4162G	117.02	Inf	-Inf	32.18	3	Horizontal	4	2.94	-
2417MHz	Pass	PK	2.3888G	62.02	74.00	-11.98	32.22	3	Horizontal	4	2.94	-
2417MHz	Pass	PK	2.416G	118.97	Inf	-Inf	32.18	3	Horizontal	4	2.94	-
2437MHz	Pass	AV	2.3898G	49.57	54.00	-4.43	32.23	3	Vertical	309	2.68	-
2437MHz	Pass	AV	2.4362G	117.51	Inf	-Inf	32.16	3	Vertical	309	2.68	-
2437MHz	Pass	AV	2.4858G	52.24	54.00	-1.76	32.10	3	Vertical	309	2.68	-
2437MHz	Pass	PK	2.3898G	60.06	74.00	-13.94	32.23	3	Vertical	309	2.68	-
2437MHz	Pass	PK	2.4362G	119.43	Inf	-Inf	32.16	3	Vertical	309	2.68	-
2437MHz	Pass	PK	2.4835G	62.30	74.00	-11.70	32.10	3	Vertical	309	2.68	-
2437MHz	Pass	AV	2.3898G	48.91	54.00	-5.09	32.23	3	Horizontal	123	2.41	-
2437MHz	Pass	AV	2.4362G	110.37	Inf	-Inf	32.16	3	Horizontal	123	2.41	-
2437MHz	Pass	AV	2.4835G	52.24	54.00	-1.76	32.10	3	Horizontal	123	2.41	-
2437MHz	Pass	PK	2.3798G	59.20	74.00	-14.80	32.25	3	Horizontal	123	2.41	-
2437MHz	Pass	PK	2.4362G	112.38	Inf	-Inf	32.16	3	Horizontal	123	2.41	-
2437MHz	Pass	PK	2.4838G	60.90	74.00	-13.10	32.10	3	Horizontal	123	2.41	-
2437MHz	Pass	AV	4.87394G	38.54	54.00	-15.46	8.25	3	Vertical	314	1.90	-
2437MHz	Pass	AV	7.30974G	51.16	54.00	-2.84	14.47	3	Vertical	288	2.53	-
2437MHz	Pass	PK	4.87376G	47.00	74.00	-27.00	8.25	3	Vertical	314	1.90	-
2437MHz	Pass	PK	7.31136G	57.59	74.00	-16.41	14.47	3	Vertical	288	2.53	-
2437MHz	Pass	AV	4.87394G	40.73	54.00	-13.27	8.25	3	Horizontal	284	2.99	-
2437MHz	Pass	AV	7.3098G	44.50	54.00	-9.50	14.47	3	Horizontal	200	2.42	-
2437MHz	Pass	PK	4.874G	47.60	74.00	-26.40	8.25	3	Horizontal	284	2.99	-
2437MHz	Pass	PK	7.3107G	53.62	74.00	-20.38	14.47	3	Horizontal	200	2.42	-
2457MHz	Pass	AV	2.4562G	115.90	Inf	-Inf	32.13	3	Vertical	0	2.79	-
2457MHz	Pass	AV	2.4836G	52.57	54.00	-1.43	32.10	3	Vertical	0	2.79	-
2457MHz	Pass	PK	2.4578G	117.90	Inf	-Inf	32.13	3	Vertical	0	2.79	-
2457MHz	Pass	PK	2.484G	62.10	74.00	-11.90	32.10	3	Vertical	0	2.79	-
2457MHz	Pass	AV	2.4562G	107.80	Inf	-Inf	32.13	3	Horizontal	288	2.55	-
2457MHz	Pass	AV	2.4842G	48.03	54.00	-5.97	32.10	3	Horizontal	288	2.55	-
2457MHz	Pass	PK	2.456G	109.80	Inf	-Inf	32.13	3	Horizontal	288	2.55	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2457MHz	Pass	PK	2.4835G	59.22	74.00	-14.78	32.10	3	Horizontal	288	2.55	-
2462MHz	Pass	AV	2.4612G	112.31	Inf	-Inf	32.13	3	Vertical	304	2.90	-
2462MHz	Pass	AV	2.4835G	52.88	54.00	-1.12	32.10	3	Vertical	304	2.90	-
2462MHz	Pass	PK	2.461G	114.38	Inf	-Inf	32.13	3	Vertical	304	2.90	-
2462MHz	Pass	PK	2.4838G	61.74	74.00	-12.26	32.10	3	Vertical	304	2.90	-
2462MHz	Pass	AV	2.4612G	103.90	Inf	-Inf	32.13	3	Horizontal	133	2.61	-
2462MHz	Pass	AV	2.4864G	48.03	54.00	-5.97	32.10	3	Horizontal	133	2.61	-
2462MHz	Pass	PK	2.461G	103.92	Inf	-Inf	32.13	3	Horizontal	133	2.61	-
2462MHz	Pass	PK	2.4836G	59.97	74.00	-14.03	32.10	3	Horizontal	133	2.61	-
2462MHz	Pass	AV	4.924G	42.71	54.00	-11.29	8.39	3	Vertical	129	2.87	-
2462MHz	Pass	AV	7.38588G	43.14	54.00	-10.86	14.20	3	Vertical	202	2.06	-
2462MHz	Pass	PK	4.92388G	48.79	74.00	-25.21	8.39	3	Vertical	129	2.87	-
2462MHz	Pass	PK	7.38558G	52.66	74.00	-21.34	14.20	3	Vertical	202	2.06	-
2462MHz	Pass	AV	4.92392G	42.75	54.00	-11.25	8.39	3	Horizontal	260	2.81	-
2462MHz	Pass	AV	7.3859G	41.17	54.00	-12.83	14.20	3	Horizontal	136	2.51	-
2462MHz	Pass	PK	4.92394G	48.62	74.00	-25.38	8.39	3	Horizontal	260	2.81	-
2462MHz	Pass	PK	7.38619G	51.96	74.00	-22.04	14.20	3	Horizontal	136	2.51	-
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3882G	52.86	54.00	-1.14	32.23	3	Vertical	312	2.83	-
2412MHz	Pass	AV	2.4078G	104.89	Inf	-Inf	32.19	3	Vertical	312	2.83	-
2412MHz	Pass	PK	2.3882G	71.73	74.00	-2.27	32.23	3	Vertical	312	2.83	-
2412MHz	Pass	PK	2.4074G	112.90	Inf	-Inf	32.20	3	Vertical	312	2.83	-
2412MHz	Pass	AV	2.3896G	47.68	54.00	-6.32	32.23	3	Horizontal	355	2.48	-
2412MHz	Pass	AV	2.4042G	89.51	Inf	-Inf	32.19	3	Horizontal	355	2.48	-
2412MHz	Pass	PK	2.3898G	60.58	74.00	-13.42	32.23	3	Horizontal	355	2.48	-
2412MHz	Pass	PK	2.4112G	97.31	Inf	-Inf	32.19	3	Horizontal	355	2.48	-
2412MHz	Pass	AV	4.82988G	33.80	54.00	-20.20	8.17	3	Vertical	229	1.50	-
2412MHz	Pass	PK	4.81134G	45.20	74.00	-28.80	8.14	3	Vertical	229	1.50	-
2412MHz	Pass	AV	4.82754G	33.96	54.00	-20.04	8.17	3	Horizontal	278	2.76	-
2412MHz	Pass	PK	4.80918G	44.93	74.00	-29.07	8.14	3	Horizontal	278	2.76	-
2417MHz	Pass	AV	2.39G	52.78	54.00	-1.22	32.23	3	Vertical	311	2.74	-
2417MHz	Pass	AV	2.413G	107.51	Inf	-Inf	32.18	3	Vertical	311	2.74	-
2417MHz	Pass	PK	2.3866G	70.70	74.00	-3.30	32.23	3	Vertical	311	2.74	-
2417MHz	Pass	PK	2.413G	115.81	Inf	-Inf	32.18	3	Vertical	311	2.74	-
2417MHz	Pass	AV	2.39G	48.51	54.00	-5.49	32.23	3	Horizontal	227	2.38	-
2417MHz	Pass	AV	2.419G	98.47	Inf	-Inf	32.18	3	Horizontal	227	2.38	-
2417MHz	Pass	PK	2.3894G	61.23	74.00	-12.77	32.23	3	Horizontal	227	2.38	-
2417MHz	Pass	PK	2.4186G	105.98	Inf	-Inf	32.17	3	Horizontal	227	2.38	-
2437MHz	Pass	AV	2.3898G	52.28	54.00	-1.72	32.23	3	Vertical	302	2.79	-
2437MHz	Pass	AV	2.4322G	109.18	Inf	-Inf	32.17	3	Vertical	302	2.79	-
2437MHz	Pass	AV	2.4838G	52.72	54.00	-1.28	32.10	3	Vertical	302	2.79	-
2437MHz	Pass	PK	2.3898G	69.27	74.00	-4.73	32.23	3	Vertical	302	2.79	-
2437MHz	Pass	PK	2.4326G	117.46	Inf	-Inf	32.16	3	Vertical	302	2.79	-
2437MHz	Pass	PK	2.4838G	71.71	74.00	-2.29	32.10	3	Vertical	302	2.79	-
2437MHz	Pass	AV	2.3898G	48.20	54.00	-5.80	32.23	3	Horizontal	164	2.77	-
2437MHz	Pass	AV	2.4426G	104.12	Inf	-Inf	32.14	3	Horizontal	164	2.77	-
2437MHz	Pass	AV	2.4838G	50.38	54.00	-3.62	32.10	3	Horizontal	164	2.77	-
2437MHz	Pass	PK	2.3822G	64.31	74.00	-9.69	32.25	3	Horizontal	302	2.77	-
2437MHz	Pass	PK	2.4422G	112.35	Inf	-Inf	32.15	3	Horizontal	164	2.77	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	PK	2.4835G	68.52	74.00	-5.48	32.10	3	Horizontal	164	2.77	-
2437MHz	Pass	AV	4.8803G	35.33	54.00	-18.67	8.27	3	Vertical	228	2.12	-
2437MHz	Pass	AV	7.31098G	46.86	54.00	-7.14	14.47	3	Vertical	203	2.59	-
2437MHz	Pass	PK	4.88108G	46.51	74.00	-27.49	8.27	3	Vertical	228	2.12	-
2437MHz	Pass	PK	7.3111G	54.25	74.00	-19.75	14.47	3	Vertical	203	2.59	-
2437MHz	Pass	AV	4.8806G	35.02	54.00	-18.98	8.27	3	Horizontal	191	2.99	-
2437MHz	Pass	AV	7.31098G	45.11	54.00	-8.89	14.47	3	Horizontal	134	2.45	-
2437MHz	Pass	PK	4.88126G	46.16	74.00	-27.84	8.27	3	Horizontal	191	2.99	-
2437MHz	Pass	PK	7.31112G	52.99	74.00	-21.01	14.47	3	Horizontal	134	2.45	-
2457MHz	Pass	AV	2.4522G	107.45	Inf	-Inf	32.14	3	Vertical	310	2.99	-
2457MHz	Pass	AV	2.4862G	52.89	54.00	-1.11	32.10	3	Vertical	310	2.99	-
2457MHz	Pass	PK	2.4526G	115.57	Inf	-Inf	32.13	3	Vertical	310	2.99	-
2457MHz	Pass	PK	2.4854G	72.19	74.00	-1.81	32.10	3	Vertical	310	2.99	-
2457MHz	Pass	AV	2.454G	99.93	Inf	-Inf	32.13	3	Horizontal	335	2.82	-
2457MHz	Pass	AV	2.4835G	49.86	54.00	-4.14	32.10	3	Horizontal	335	2.82	-
2457MHz	Pass	PK	2.4528G	108.41	Inf	-Inf	32.13	3	Horizontal	335	2.82	-
2457MHz	Pass	PK	2.4836G	67.20	74.00	-6.80	32.10	3	Horizontal	335	2.82	-
2462MHz	Pass	AV	2.4578G	104.86	Inf	-Inf	32.13	3	Vertical	313	2.72	-
2462MHz	Pass	AV	2.484G	52.73	54.00	-1.27	32.10	3	Vertical	313	2.72	-
2462MHz	Pass	PK	2.4592G	113.24	Inf	-Inf	32.13	3	Vertical	313	2.72	-
2462MHz	Pass	PK	2.4835G	71.68	74.00	-2.32	32.10	3	Vertical	313	2.72	-
2462MHz	Pass	AV	2.4642G	96.30	Inf	-Inf	32.12	3	Horizontal	190	2.50	-
2462MHz	Pass	AV	2.4836G	49.04	54.00	-4.96	32.10	3	Horizontal	190	2.50	-
2462MHz	Pass	PK	2.4644G	103.85	Inf	-Inf	32.12	3	Horizontal	190	2.50	-
2462MHz	Pass	PK	2.4842G	67.46	74.00	-6.54	32.10	3	Horizontal	190	2.50	-
2462MHz	Pass	AV	4.9285G	33.91	54.00	-20.09	8.41	3	Vertical	278	2.45	-
2462MHz	Pass	AV	7.38588G	42.72	54.00	-11.28	14.20	3	Vertical	130	2.75	-
2462MHz	Pass	PK	4.93132G	45.79	74.00	-28.21	8.41	3	Vertical	278	2.45	-
2462MHz	Pass	PK	7.3861G	52.26	74.00	-21.74	14.20	3	Vertical	130	2.75	-
2462MHz	Pass	AV	4.92412G	33.83	54.00	-20.17	8.39	3	Horizontal	294	2.83	-
2462MHz	Pass	AV	7.38589G	40.46	54.00	-13.54	14.20	3	Horizontal	308	1.77	-
2462MHz	Pass	PK	4.93156G	45.28	74.00	-28.72	8.41	3	Horizontal	294	2.83	-
2462MHz	Pass	PK	7.38718G	51.11	74.00	-22.89	14.20	3	Horizontal	308	1.77	-
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3898G	52.73	54.00	-1.27	32.23	3	Vertical	0	2.99	-
2412MHz	Pass	AV	2.4096G	102.84	Inf	-Inf	32.19	3	Vertical	0	2.99	-
2412MHz	Pass	PK	2.3896G	71.90	74.00	-2.10	32.23	3	Vertical	0	2.99	-
2412MHz	Pass	PK	2.4098G	113.04	Inf	-Inf	32.19	3	Vertical	0	2.99	-
2412MHz	Pass	AV	2.39G	49.36	54.00	-4.64	32.23	3	Horizontal	320	2.97	-
2412MHz	Pass	AV	2.408G	96.08	Inf	-Inf	32.19	3	Horizontal	320	2.97	-
2412MHz	Pass	PK	2.39G	65.77	74.00	-8.23	32.23	3	Horizontal	320	2.97	-
2412MHz	Pass	PK	2.418G	105.70	Inf	-Inf	32.17	3	Horizontal	320	2.97	-
2412MHz	Pass	AV	4.8108G	33.56	54.00	-20.44	8.14	3	Vertical	360	1.06	-
2412MHz	Pass	PK	4.83048G	45.56	74.00	-28.44	8.17	3	Vertical	360	1.06	-
2412MHz	Pass	AV	4.82748G	33.84	54.00	-20.16	8.17	3	Horizontal	299	2.77	-
2412MHz	Pass	PK	4.82874G	45.56	74.00	-28.44	8.17	3	Horizontal	299	2.77	-
2417MHz	Pass	AV	2.389G	52.76	54.00	-1.24	32.22	3	Vertical	314	2.75	-
2417MHz	Pass	AV	2.416G	104.92	Inf	-Inf	32.18	3	Vertical	314	2.75	-
2417MHz	Pass	PK	2.3892G	69.84	74.00	-4.16	32.22	3	Vertical	314	2.75	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2417MHz	Pass	PK	2.421G	114.49	Inf	-Inf	32.18	3	Vertical	314	2.75	-
2417MHz	Pass	AV	2.388G	49.48	54.00	-4.52	32.23	3	Horizontal	217	2.39	-
2417MHz	Pass	AV	2.418G	97.32	Inf	-Inf	32.17	3	Horizontal	217	2.39	-
2417MHz	Pass	PK	2.3892G	62.75	74.00	-11.25	32.22	3	Horizontal	217	2.39	-
2417MHz	Pass	PK	2.418G	107.72	Inf	-Inf	32.17	3	Horizontal	217	2.39	-
2437MHz	Pass	AV	2.3894G	51.63	54.00	-2.37	32.23	3	Vertical	1	2.87	-
2437MHz	Pass	AV	2.4422G	108.31	Inf	-Inf	32.15	3	Vertical	1	2.87	-
2437MHz	Pass	AV	2.487G	52.24	54.00	-1.76	32.10	3	Vertical	1	2.87	-
2437MHz	Pass	PK	2.3874G	69.51	74.00	-4.49	32.23	3	Vertical	1	2.87	-
2437MHz	Pass	PK	2.4422G	118.06	Inf	-Inf	32.15	3	Vertical	1	2.87	-
2437MHz	Pass	PK	2.4922G	70.06	74.00	-3.94	32.09	3	Vertical	1	2.87	-
2437MHz	Pass	AV	2.3898G	48.68	54.00	-5.32	32.23	3	Horizontal	188	2.55	-
2437MHz	Pass	AV	2.4402G	102.05	Inf	-Inf	32.15	3	Horizontal	188	2.55	-
2437MHz	Pass	AV	2.4854G	49.74	54.00	-4.26	32.10	3	Horizontal	188	2.55	-
2437MHz	Pass	PK	2.3898G	63.17	74.00	-10.83	32.23	3	Horizontal	188	2.55	-
2437MHz	Pass	PK	2.4302G	111.50	Inf	-Inf	32.16	3	Horizontal	188	2.55	-
2437MHz	Pass	PK	2.4858G	64.42	74.00	-9.58	32.10	3	Horizontal	188	2.55	-
2437MHz	Pass	AV	4.8779G	34.24	54.00	-19.76	8.26	3	Vertical	9	1.50	-
2437MHz	Pass	AV	7.31088G	45.17	54.00	-8.83	14.47	3	Vertical	127	2.84	-
2437MHz	Pass	PK	4.87154G	45.26	74.00	-28.74	8.25	3	Vertical	9	1.50	-
2437MHz	Pass	PK	7.31118G	53.85	74.00	-20.15	14.47	3	Vertical	127	2.84	-
2437MHz	Pass	AV	4.87286G	35.28	54.00	-18.72	8.25	3	Horizontal	193	2.99	-
2437MHz	Pass	AV	7.31106G	43.43	54.00	-10.57	14.47	3	Horizontal	242	2.38	-
2437MHz	Pass	PK	4.87286G	46.35	74.00	-27.65	8.25	3	Horizontal	193	2.99	-
2437MHz	Pass	PK	7.31112G	52.09	74.00	-21.91	14.47	3	Horizontal	242	2.38	-
2457MHz	Pass	AV	2.4596G	104.91	Inf	-Inf	32.13	3	Vertical	358	2.81	-
2457MHz	Pass	AV	2.4846G	52.36	54.00	-1.64	32.10	3	Vertical	358	2.81	-
2457MHz	Pass	PK	2.4648G	114.29	Inf	-Inf	32.12	3	Vertical	358	2.81	-
2457MHz	Pass	PK	2.4844G	69.75	74.00	-4.25	32.10	3	Vertical	358	2.81	-
2457MHz	Pass	AV	2.458G	95.98	Inf	-Inf	32.13	3	Horizontal	222	2.60	-
2457MHz	Pass	AV	2.4835G	49.11	54.00	-4.89	32.10	3	Horizontal	222	2.60	-
2457MHz	Pass	PK	2.458G	106.37	Inf	-Inf	32.13	3	Horizontal	222	2.60	-
2457MHz	Pass	PK	2.4838G	63.61	74.00	-10.39	32.10	3	Horizontal	222	2.60	-
2462MHz	Pass	AV	2.4596G	101.73	Inf	-Inf	32.13	3	Vertical	0	2.81	-
2462MHz	Pass	AV	2.4846G	50.59	54.00	-3.41	32.10	3	Vertical	0	2.81	-
2462MHz	Pass	PK	2.4596G	112.02	Inf	-Inf	32.13	3	Vertical	0	2.81	-
2462MHz	Pass	PK	2.4846G	72.54	74.00	-1.46	32.10	3	Vertical	0	2.81	-
2462MHz	Pass	AV	2.4668G	96.89	Inf	-Inf	32.12	3	Horizontal	110	2.99	-
2462MHz	Pass	AV	2.4872G	49.05	54.00	-4.95	32.10	3	Horizontal	110	2.99	-
2462MHz	Pass	PK	2.467G	106.83	Inf	-Inf	32.12	3	Horizontal	110	2.99	-
2462MHz	Pass	PK	2.4868G	68.62	74.00	-5.38	32.10	3	Horizontal	110	2.99	-
2462MHz	Pass	AV	4.92346G	33.69	54.00	-20.31	8.39	3	Vertical	0	2.38	-
2462MHz	Pass	AV	7.38594G	44.10	54.00	-9.90	14.20	3	Vertical	202	1.99	-
2462MHz	Pass	PK	4.92598G	45.92	74.00	-28.08	8.40	3	Vertical	0	2.38	-
2462MHz	Pass	PK	7.38582G	52.42	74.00	-21.58	14.20	3	Vertical	202	1.99	-
2462MHz	Pass	AV	4.92388G	33.95	54.00	-20.05	8.39	3	Horizontal	262	2.96	-
2462MHz	Pass	AV	7.38588G	40.18	54.00	-13.82	14.20	3	Horizontal	121	2.48	-
2462MHz	Pass	PK	4.9099G	45.35	74.00	-28.65	8.34	3	Horizontal	262	2.96	-
2462MHz	Pass	PK	7.38606G	51.02	74.00	-22.98	14.20	3	Horizontal	121	2.48	-

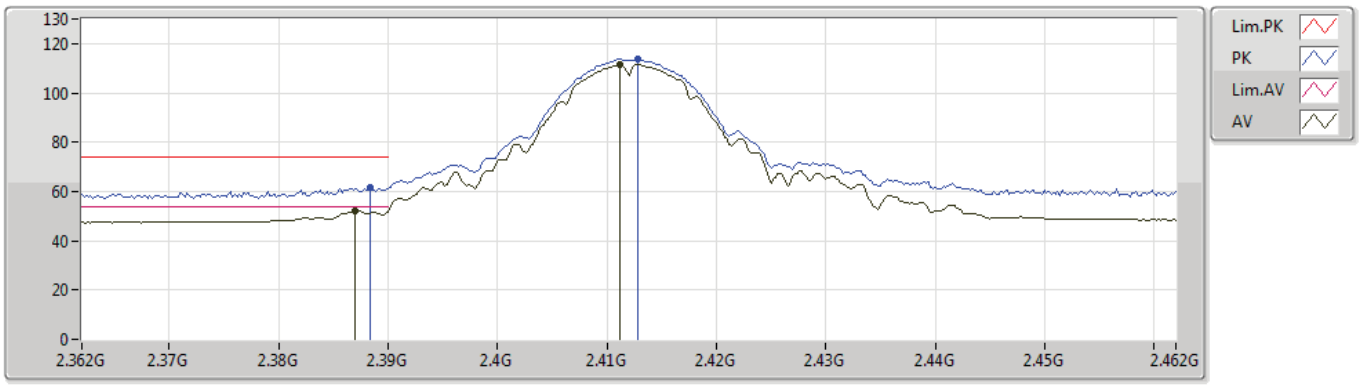
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	52.62	54.00	-1.38	32.23	3	Vertical	311	2.93	-
2422MHz	Pass	AV	2.4152G	97.41	Inf	-Inf	32.18	3	Vertical	311	2.93	-
2422MHz	Pass	AV	2.49G	49.61	54.00	-4.39	32.09	3	Vertical	311	2.93	-
2422MHz	Pass	PK	2.3896G	61.57	74.00	-12.43	32.23	3	Vertical	311	2.93	-
2422MHz	Pass	PK	2.43G	107.23	Inf	-Inf	32.16	3	Vertical	311	2.93	-
2422MHz	Pass	PK	2.5G	60.24	74.00	-13.76	32.08	3	Vertical	311	2.93	-
2422MHz	Pass	AV	2.3876G	49.70	54.00	-4.30	32.23	3	Horizontal	265	2.91	-
2422MHz	Pass	AV	2.4168G	92.04	Inf	-Inf	32.18	3	Horizontal	265	2.91	-
2422MHz	Pass	AV	2.4944G	49.36	54.00	-4.64	32.09	3	Horizontal	265	2.91	-
2422MHz	Pass	PK	2.3808G	60.53	74.00	-13.47	32.25	3	Horizontal	265	2.91	-
2422MHz	Pass	PK	2.4068G	102.73	Inf	-Inf	32.20	3	Horizontal	265	2.91	-
2422MHz	Pass	PK	2.4868G	59.83	74.00	-14.17	32.10	3	Horizontal	265	2.91	-
2422MHz	Pass	AV	4.84718G	34.40	54.00	-19.60	8.20	3	Vertical	82	1.50	-
2422MHz	Pass	AV	7.26594G	43.90	54.00	-10.10	14.56	3	Vertical	328	2.12	-
2422MHz	Pass	PK	4.85024G	45.06	74.00	-28.94	8.22	3	Vertical	82	1.50	-
2422MHz	Pass	PK	7.26594G	52.06	74.00	-21.94	14.56	3	Vertical	328	2.12	-
2422MHz	Pass	AV	4.84316G	33.95	54.00	-20.05	8.19	3	Horizontal	236	1.50	-
2422MHz	Pass	AV	7.26594G	44.95	54.00	-9.05	14.56	3	Horizontal	244	2.35	-
2422MHz	Pass	PK	4.83206G	44.73	74.00	-29.27	8.17	3	Horizontal	236	1.50	-
2422MHz	Pass	PK	7.26586G	53.63	74.00	-20.37	14.56	3	Horizontal	244	2.35	-
2427MHz	Pass	AV	2.3898G	52.94	54.00	-1.06	32.23	3	Vertical	315	2.68	-
2427MHz	Pass	AV	2.4326G	98.37	Inf	-Inf	32.16	3	Vertical	315	2.68	-
2427MHz	Pass	AV	2.4986G	49.85	54.00	-4.15	32.08	3	Vertical	315	2.68	-
2427MHz	Pass	PK	2.3894G	63.10	74.00	-10.90	32.23	3	Vertical	315	2.68	-
2427MHz	Pass	PK	2.4378G	108.13	Inf	-Inf	32.15	3	Vertical	315	2.68	-
2427MHz	Pass	PK	2.4898G	60.11	74.00	-13.89	32.09	3	Vertical	315	2.68	-
2427MHz	Pass	AV	2.3894G	50.17	54.00	-3.83	32.23	3	Horizontal	264	2.99	-
2427MHz	Pass	AV	2.4246G	92.89	Inf	-Inf	32.17	3	Horizontal	264	2.99	-
2427MHz	Pass	AV	2.4842G	49.61	54.00	-4.39	32.10	3	Horizontal	264	2.99	-
2427MHz	Pass	PK	2.3898G	59.99	74.00	-14.01	32.23	3	Horizontal	264	2.99	-
2427MHz	Pass	PK	2.419G	103.69	Inf	-Inf	32.18	3	Horizontal	264	2.99	-
2427MHz	Pass	PK	2.4966G	59.75	74.00	-14.25	32.09	3	Horizontal	264	2.99	-
2437MHz	Pass	AV	2.3866G	52.69	54.00	-1.31	32.23	3	Vertical	3	2.79	-
2437MHz	Pass	AV	2.4522G	101.42	Inf	-Inf	32.14	3	Vertical	3	2.79	-
2437MHz	Pass	AV	2.4858G	52.07	54.00	-1.93	32.10	3	Vertical	3	2.79	-
2437MHz	Pass	PK	2.3866G	66.31	74.00	-7.69	32.23	3	Vertical	3	2.79	-
2437MHz	Pass	PK	2.447G	110.91	Inf	-Inf	32.15	3	Vertical	3	2.79	-
2437MHz	Pass	PK	2.4854G	67.01	74.00	-6.99	32.10	3	Vertical	3	2.79	-
2437MHz	Pass	AV	2.385G	49.94	54.00	-4.06	32.24	3	Horizontal	136	2.59	-
2437MHz	Pass	AV	2.4406G	95.24	Inf	-Inf	32.15	3	Horizontal	136	2.59	-
2437MHz	Pass	AV	2.4838G	49.95	54.00	-4.05	32.10	3	Horizontal	136	2.59	-
2437MHz	Pass	PK	2.3838G	64.56	74.00	-9.44	32.24	3	Horizontal	136	2.59	-
2437MHz	Pass	PK	2.4406G	104.94	Inf	-Inf	32.15	3	Horizontal	136	2.59	-
2437MHz	Pass	PK	2.4866G	62.79	74.00	-11.21	32.10	3	Horizontal	136	2.59	-
2437MHz	Pass	AV	4.8617G	34.25	54.00	-19.75	8.23	3	Vertical	197	1.50	-
2437MHz	Pass	AV	7.31088G	46.46	54.00	-7.54	14.47	3	Vertical	204	2.41	-
2437MHz	Pass	PK	4.8821G	45.07	74.00	-28.93	8.27	3	Vertical	197	1.50	-
2437MHz	Pass	PK	7.31088G	53.83	74.00	-20.17	14.47	3	Vertical	204	2.41	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2437MHz	Pass	AV	4.8776G	34.00	54.00	-20.00	8.26	3	Horizontal	165	2.07	-
2437MHz	Pass	AV	7.311G	45.83	54.00	-8.17	14.47	3	Horizontal	133	2.41	-
2437MHz	Pass	PK	4.88078G	44.78	74.00	-29.22	8.27	3	Horizontal	165	2.07	-
2437MHz	Pass	PK	7.31094G	53.66	74.00	-20.34	14.47	3	Horizontal	133	2.41	-
2447MHz	Pass	AV	2.3894G	49.25	54.00	-4.75	32.23	3	Vertical	357	2.81	-
2447MHz	Pass	AV	2.457G	100.82	Inf	-Inf	32.14	3	Vertical	357	2.81	-
2447MHz	Pass	AV	2.4858G	52.89	54.00	-1.11	32.10	3	Vertical	357	2.81	-
2447MHz	Pass	PK	2.377G	60.29	74.00	-13.71	32.26	3	Vertical	357	2.81	-
2447MHz	Pass	PK	2.457G	111.08	Inf	-Inf	32.14	3	Vertical	357	2.81	-
2447MHz	Pass	PK	2.4854G	70.05	74.00	-3.95	32.10	3	Vertical	357	2.81	-
2447MHz	Pass	AV	2.3746G	48.98	54.00	-5.02	32.26	3	Horizontal	234	2.60	-
2447MHz	Pass	AV	2.455G	92.73	Inf	-Inf	32.13	3	Horizontal	234	2.60	-
2447MHz	Pass	AV	2.4858G	50.10	54.00	-3.90	32.10	3	Horizontal	234	2.60	-
2447MHz	Pass	PK	2.3554G	59.14	74.00	-14.86	32.32	3	Horizontal	234	2.60	-
2447MHz	Pass	PK	2.455G	102.41	Inf	-Inf	32.13	3	Horizontal	234	2.60	-
2447MHz	Pass	PK	2.4842G	62.98	74.00	-11.02	32.10	3	Horizontal	234	2.60	-
2452MHz	Pass	AV	2.3884G	49.24	54.00	-4.76	32.23	3	Vertical	3	2.81	-
2452MHz	Pass	AV	2.4572G	100.65	Inf	-Inf	32.14	3	Vertical	3	2.81	-
2452MHz	Pass	AV	2.4852G	52.89	54.00	-1.11	32.10	3	Vertical	3	2.81	-
2452MHz	Pass	PK	2.358G	60.09	74.00	-13.91	32.31	3	Vertical	3	2.81	-
2452MHz	Pass	PK	2.462G	110.39	Inf	-Inf	32.13	3	Vertical	3	2.81	-
2452MHz	Pass	PK	2.4904G	68.89	74.00	-5.11	32.09	3	Vertical	3	2.81	-
2452MHz	Pass	AV	2.352G	48.85	54.00	-5.15	32.32	3	Horizontal	137	2.70	-
2452MHz	Pass	AV	2.4556G	93.90	Inf	-Inf	32.13	3	Horizontal	137	2.70	-
2452MHz	Pass	AV	2.4835G	50.99	54.00	-3.01	32.10	3	Horizontal	137	2.70	-
2452MHz	Pass	PK	2.358G	59.75	74.00	-14.25	32.31	3	Horizontal	137	2.70	-
2452MHz	Pass	PK	2.466G	103.72	Inf	-Inf	32.12	3	Horizontal	137	2.70	-
2452MHz	Pass	PK	2.4856G	64.25	74.00	-9.75	32.10	3	Horizontal	137	2.70	-
2452MHz	Pass	AV	4.89494G	34.24	54.00	-19.76	8.29	3	Vertical	39	1.50	-
2452MHz	Pass	AV	7.35588G	44.03	54.00	-9.97	14.32	3	Vertical	130	2.79	-
2452MHz	Pass	PK	4.8923G	45.39	74.00	-28.61	8.28	3	Vertical	39	1.50	-
2452MHz	Pass	PK	7.3632G	53.01	74.00	-20.99	14.29	3	Vertical	130	2.79	-
2452MHz	Pass	AV	4.9139G	34.13	54.00	-19.87	8.35	3	Horizontal	228	1.50	-
2452MHz	Pass	AV	7.35588G	43.70	54.00	-10.30	14.32	3	Horizontal	243	2.54	-
2452MHz	Pass	PK	4.9157G	45.17	74.00	-28.83	8.36	3	Horizontal	228	1.50	-
2452MHz	Pass	PK	7.356G	51.45	74.00	-22.55	14.31	3	Horizontal	243	2.54	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

04/05/2019

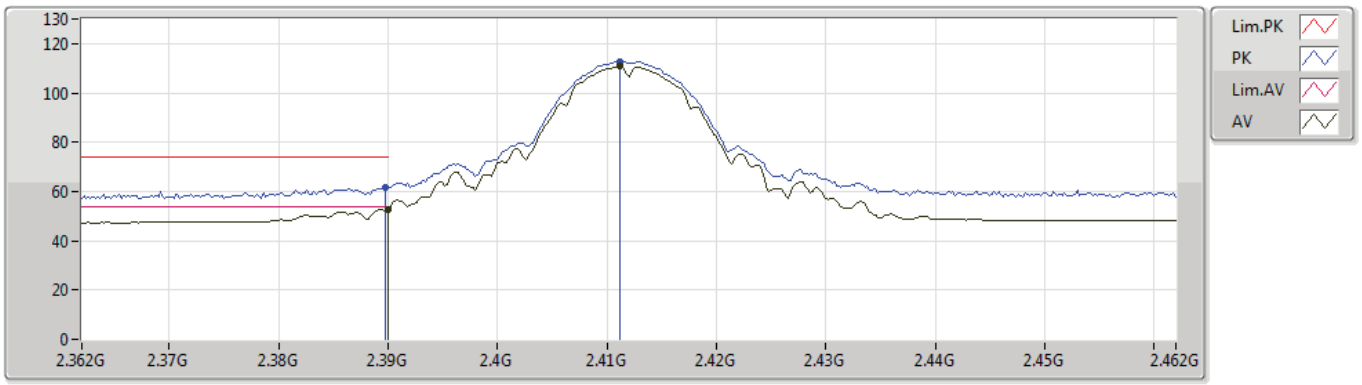


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.387G	52.35	54.00	-1.65	32.23	3	Vertical	158	2.41	-
AV	2.4112G	111.56	Inf	-Inf	32.19	3	Vertical	158	2.41	-
PK	2.3884G	61.48	74.00	-12.52	32.23	3	Vertical	158	2.41	-
PK	2.4128G	113.56	Inf	-Inf	32.18	3	Vertical	158	2.41	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

04/05/2019

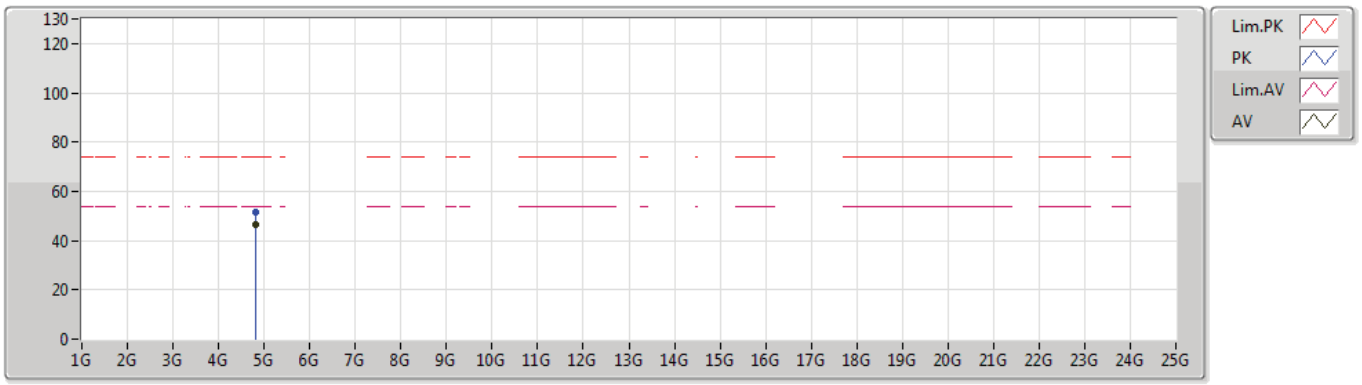


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.54	54.00	-1.46	32.23	3	Horizontal	289	2.67	-
AV	2.4112G	110.83	Inf	-Inf	32.19	3	Horizontal	289	2.67	-
PK	2.3898G	61.81	74.00	-12.19	32.23	3	Horizontal	289	2.67	-
PK	2.4112G	112.81	Inf	-Inf	32.19	3	Horizontal	289	2.67	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

04/05/2019

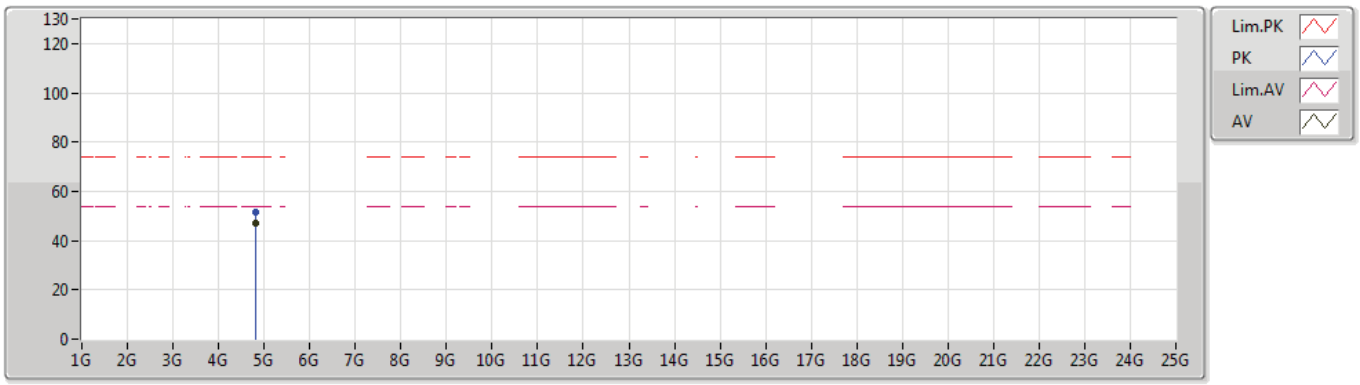


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82394G	46.23	54.00	-7.77	8.16	3	Vertical	173	2.73	-
PK	4.824G	51.30	74.00	-22.70	8.16	3	Vertical	173	2.73	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

04/05/2019

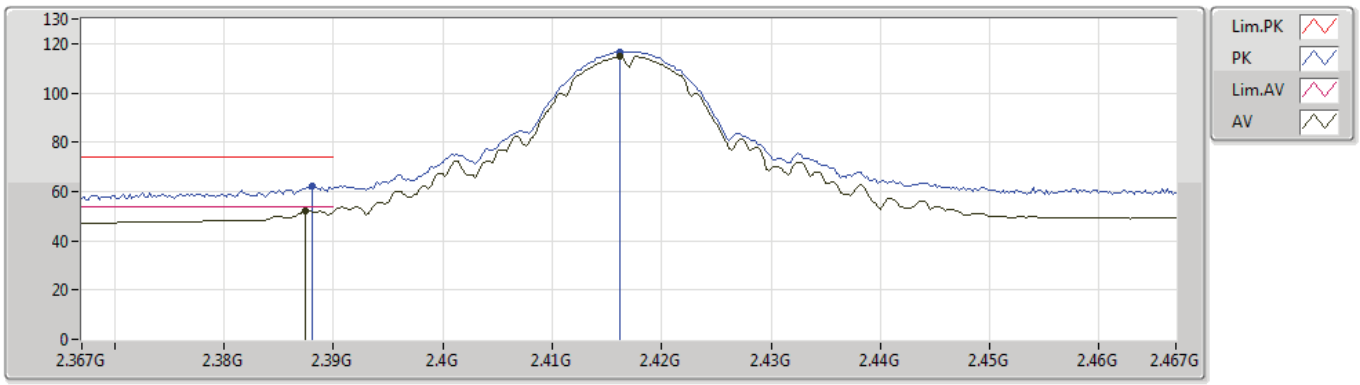


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82394G	47.31	54.00	-6.69	8.16	3	Horizontal	261	2.61	-
PK	4.82388G	51.68	74.00	-22.32	8.16	3	Horizontal	261	2.61	-

802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

05/05/2019

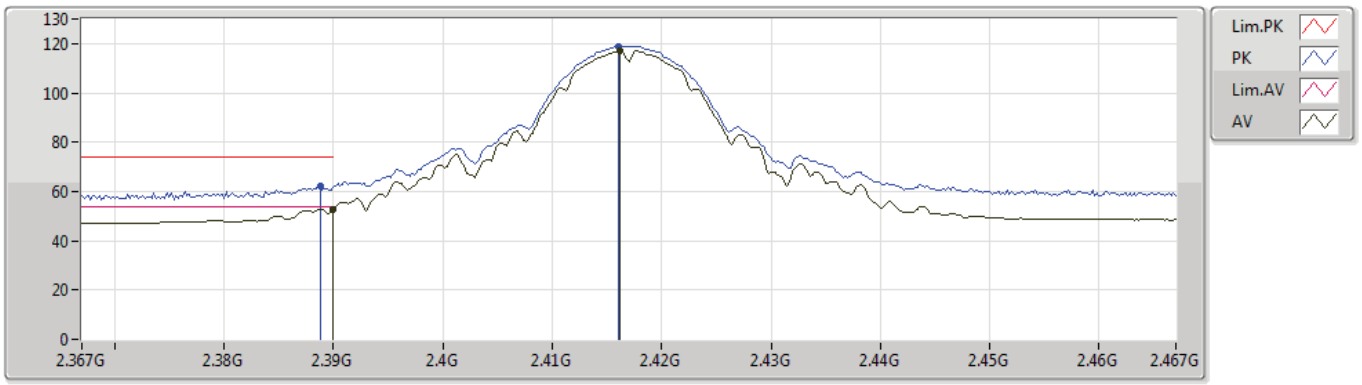


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3874G	52.10	54.00	-1.90	32.23	3	Vertical	309	2.75	-
AV	2.4162G	114.84	Inf	-Inf	32.18	3	Vertical	309	2.75	-
PK	2.388G	62.12	74.00	-11.88	32.23	3	Vertical	309	2.75	-
PK	2.4162G	116.75	Inf	-Inf	32.18	3	Vertical	309	2.75	-

802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

05/05/2019

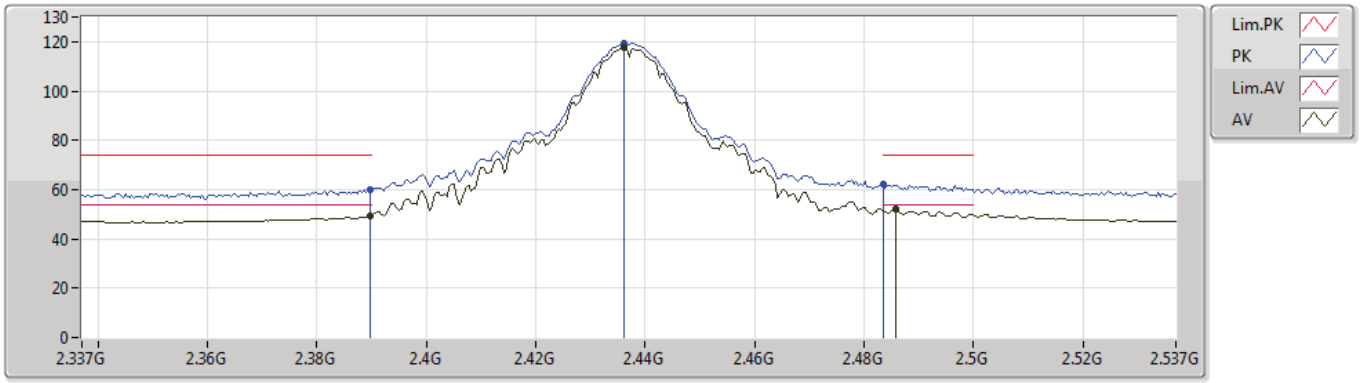


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.88	54.00	-1.12	32.23	3	Horizontal	4	2.94	-
AV	2.4162G	117.02	Inf	-Inf	32.18	3	Horizontal	4	2.94	-
PK	2.3888G	62.02	74.00	-11.98	32.22	3	Horizontal	4	2.94	-
PK	2.416G	118.97	Inf	-Inf	32.18	3	Horizontal	4	2.94	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

04/05/2019

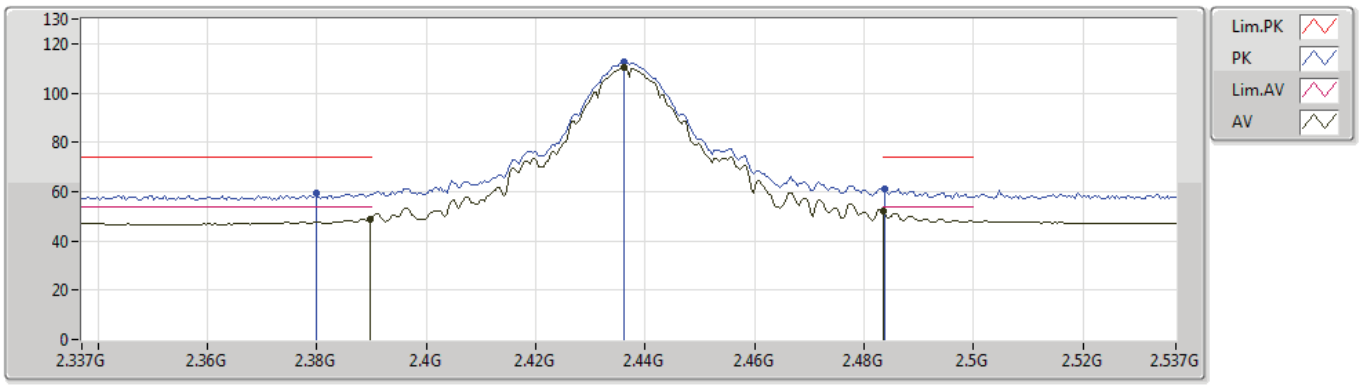


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	49.57	54.00	-4.43	32.23	3	Vertical	309	2.68	-
AV	2.4362G	117.51	Inf	-Inf	32.16	3	Vertical	309	2.68	-
AV	2.4858G	52.24	54.00	-1.76	32.10	3	Vertical	309	2.68	-
PK	2.3898G	60.06	74.00	-13.94	32.23	3	Vertical	309	2.68	-
PK	2.4362G	119.43	Inf	-Inf	32.16	3	Vertical	309	2.68	-
PK	2.4835G	62.30	74.00	-11.70	32.10	3	Vertical	309	2.68	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

04/05/2019

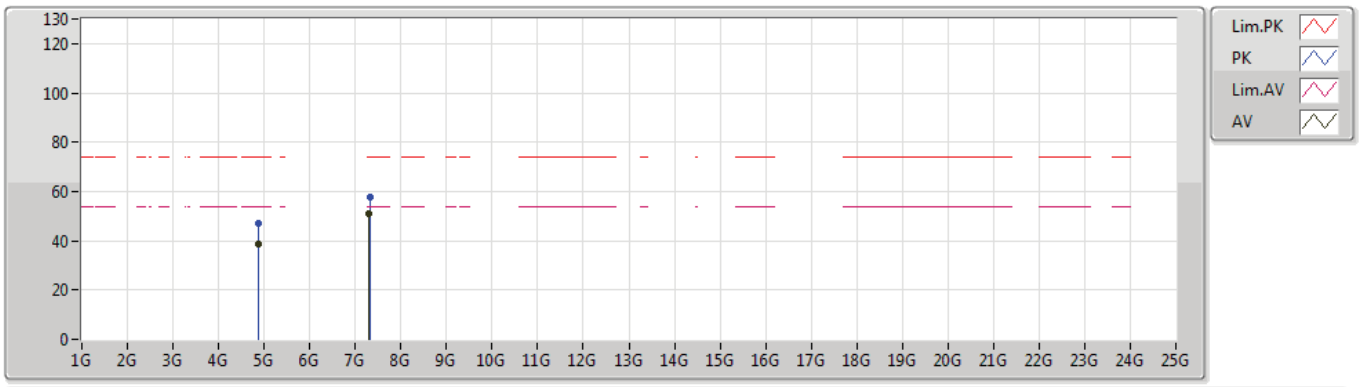


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.91	54.00	-5.09	32.23	3	Horizontal	123	2.41	-
AV	2.4362G	110.37	Inf	-Inf	32.16	3	Horizontal	123	2.41	-
AV	2.4835G	52.24	54.00	-1.76	32.10	3	Horizontal	123	2.41	-
PK	2.3798G	59.20	74.00	-14.80	32.25	3	Horizontal	123	2.41	-
PK	2.4362G	112.38	Inf	-Inf	32.16	3	Horizontal	123	2.41	-
PK	2.4838G	60.90	74.00	-13.10	32.10	3	Horizontal	123	2.41	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

04/05/2019

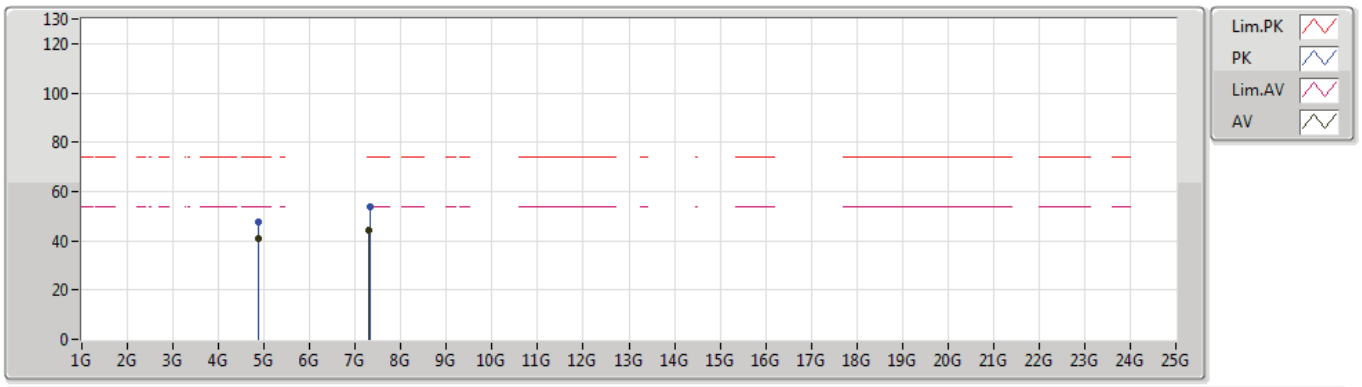


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87394G	38.54	54.00	-15.46	8.25	3	Vertical	314	1.90	-
AV	7.30974G	51.16	54.00	-2.84	14.47	3	Vertical	288	2.53	-
PK	4.87376G	47.00	74.00	-27.00	8.25	3	Vertical	314	1.90	-
PK	7.31136G	57.59	74.00	-16.41	14.47	3	Vertical	288	2.53	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

04/05/2019

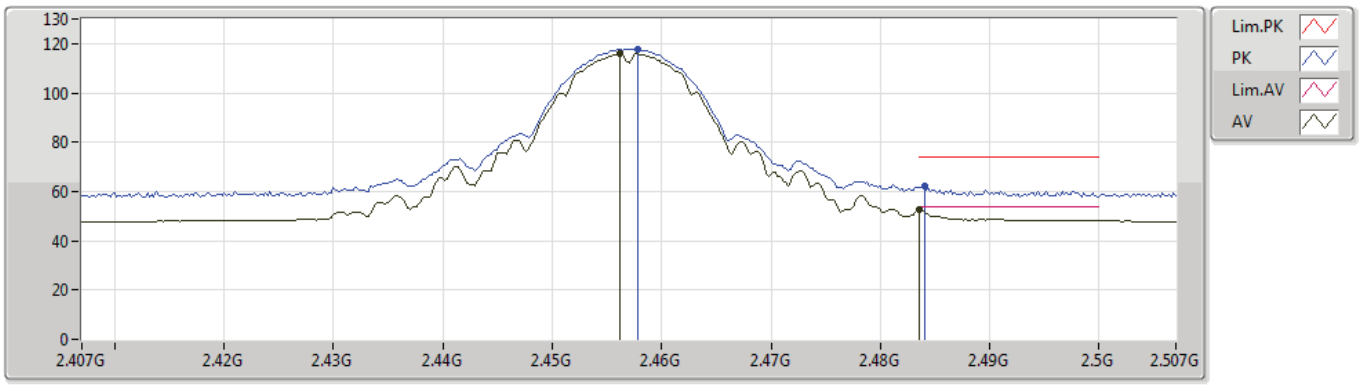


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.87394G	40.73	54.00	-13.27	8.25	3	Horizontal	284	2.99	-
AV	7.3098G	44.50	54.00	-9.50	14.47	3	Horizontal	200	2.42	-
PK	4.874G	47.60	74.00	-26.40	8.25	3	Horizontal	284	2.99	-
PK	7.3107G	53.62	74.00	-20.38	14.47	3	Horizontal	200	2.42	-

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

05/05/2019

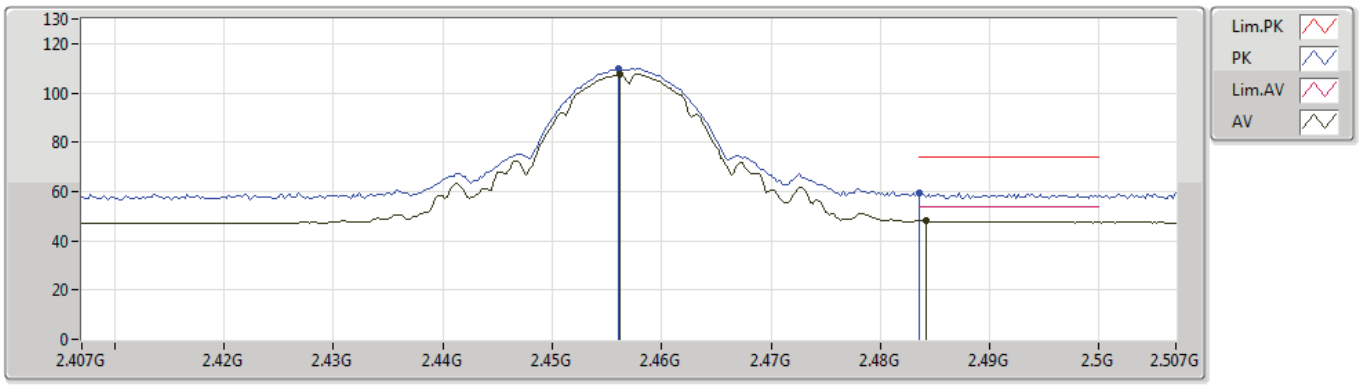


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4562G	115.90	Inf	-Inf	32.13	3	Vertical	0	2.79	-
AV	2.4836G	52.57	54.00	-1.43	32.10	3	Vertical	0	2.79	-
PK	2.4578G	117.90	Inf	-Inf	32.13	3	Vertical	0	2.79	-
PK	2.484G	62.10	74.00	-11.90	32.10	3	Vertical	0	2.79	-

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

05/05/2019

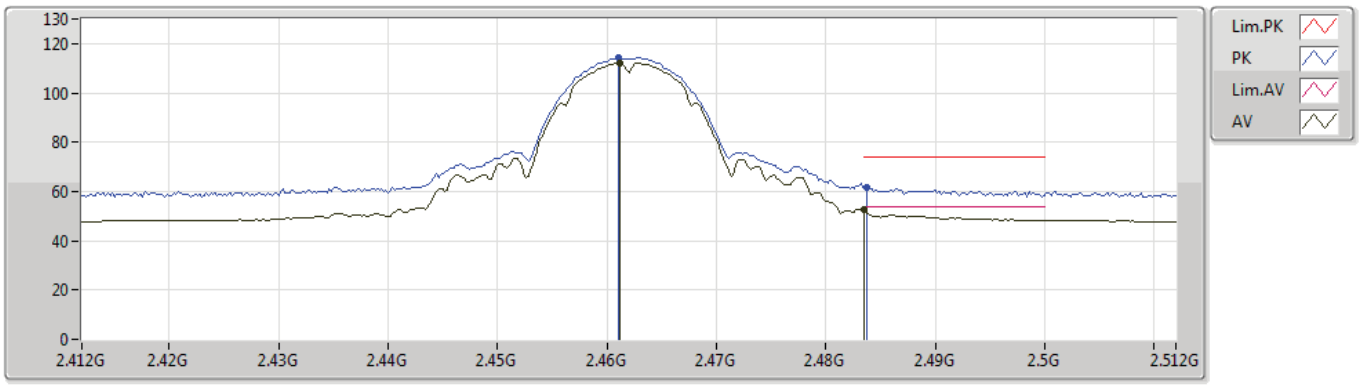


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4562G	107.80	Inf	-Inf	32.13	3	Horizontal	288	2.55	-
AV	2.4842G	48.03	54.00	-5.97	32.10	3	Horizontal	288	2.55	-
PK	2.456G	109.80	Inf	-Inf	32.13	3	Horizontal	288	2.55	-
PK	2.4835G	59.22	74.00	-14.78	32.10	3	Horizontal	288	2.55	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

04/05/2019

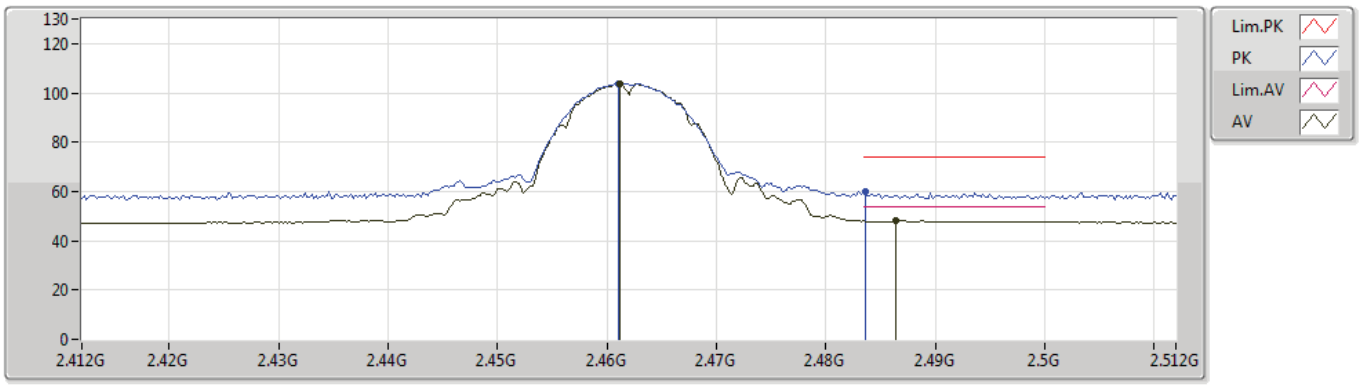


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	112.31	Inf	-Inf	32.13	3	Vertical	304	2.90	-
AV	2.4835G	52.88	54.00	-1.12	32.10	3	Vertical	304	2.90	-
PK	2.461G	114.38	Inf	-Inf	32.13	3	Vertical	304	2.90	-
PK	2.4838G	61.74	74.00	-12.26	32.10	3	Vertical	304	2.90	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

04/05/2019

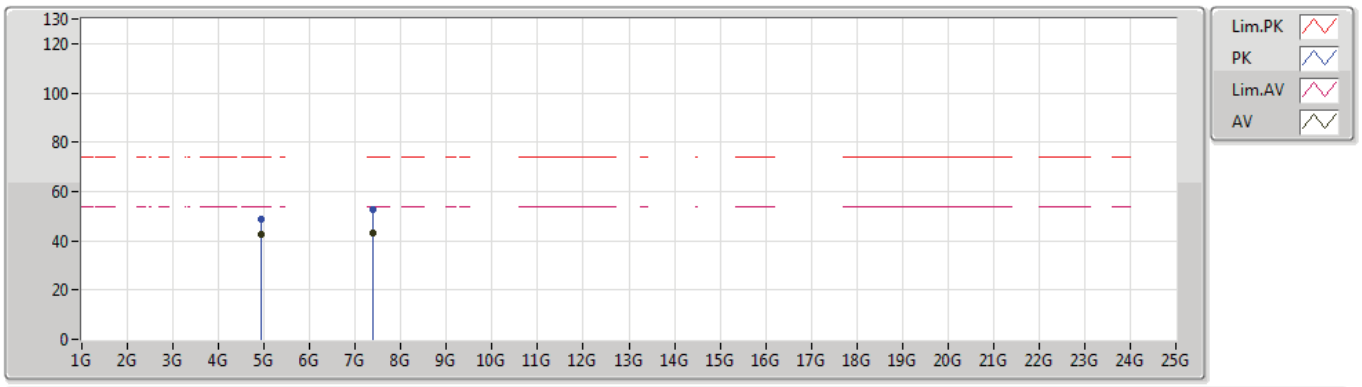


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4612G	103.90	Inf	-Inf	32.13	3	Horizontal	133	2.61	-
AV	2.4864G	48.03	54.00	-5.97	32.10	3	Horizontal	133	2.61	-
PK	2.461G	103.92	Inf	-Inf	32.13	3	Horizontal	133	2.61	-
PK	2.4836G	59.97	74.00	-14.03	32.10	3	Horizontal	133	2.61	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

04/05/2019

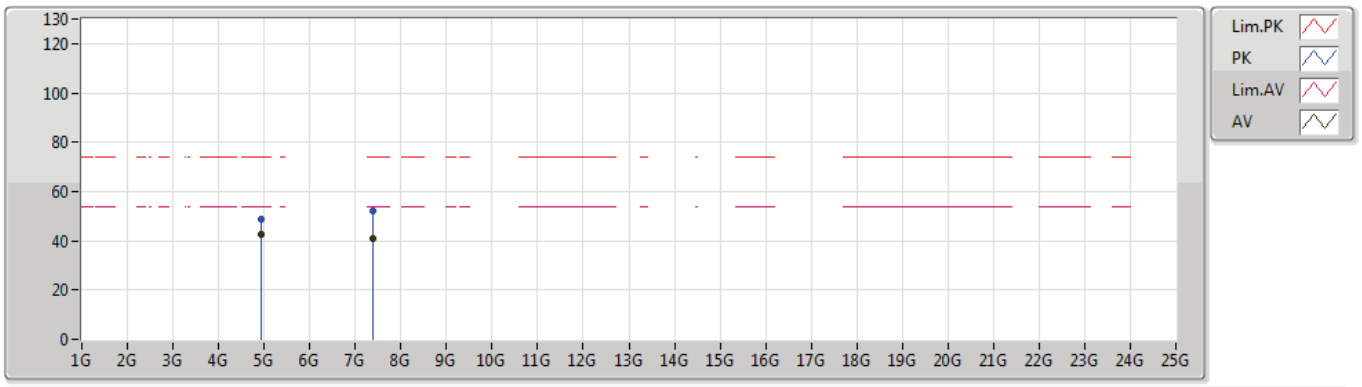


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.924G	42.71	54.00	-11.29	8.39	3	Vertical	129	2.87	-
AV	7.38588G	43.14	54.00	-10.86	14.20	3	Vertical	202	2.06	-
PK	4.92388G	48.79	74.00	-25.21	8.39	3	Vertical	129	2.87	-
PK	7.38558G	52.66	74.00	-21.34	14.20	3	Vertical	202	2.06	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

04/05/2019

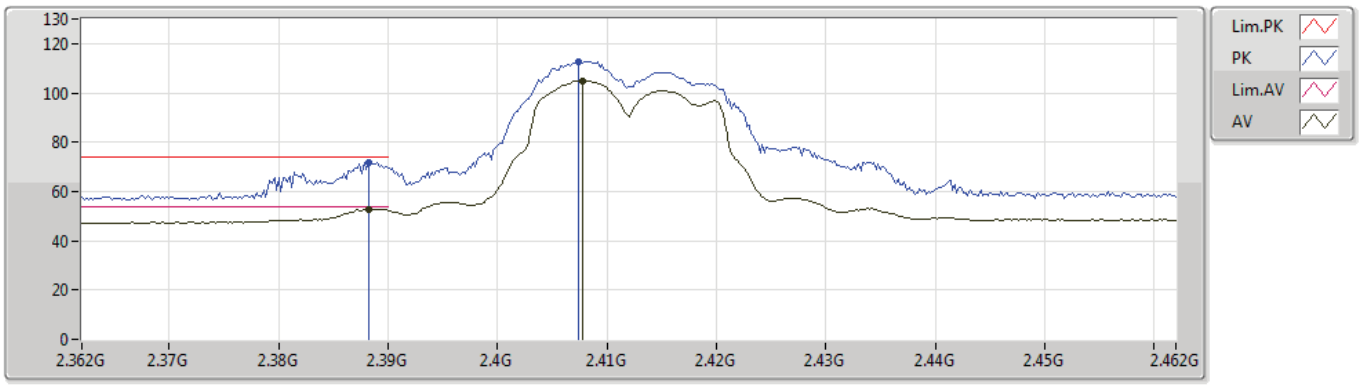


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92392G	42.75	54.00	-11.25	8.39	3	Horizontal	260	2.81	-
AV	7.3859G	41.17	54.00	-12.83	14.20	3	Horizontal	136	2.51	-
PK	4.92394G	48.62	74.00	-25.38	8.39	3	Horizontal	260	2.81	-
PK	7.38619G	51.96	74.00	-22.04	14.20	3	Horizontal	136	2.51	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

04/05/2019

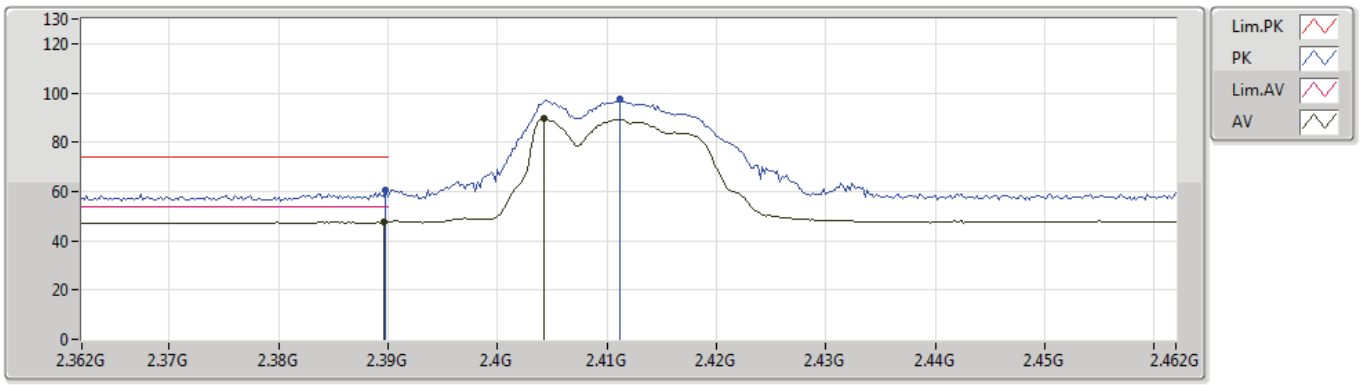


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3882G	52.86	54.00	-1.14	32.23	3	Vertical	312	2.83	-
AV	2.4078G	104.89	Inf	-Inf	32.19	3	Vertical	312	2.83	-
PK	2.3882G	71.73	74.00	-2.27	32.23	3	Vertical	312	2.83	-
PK	2.4074G	112.90	Inf	-Inf	32.20	3	Vertical	312	2.83	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

04/05/2019

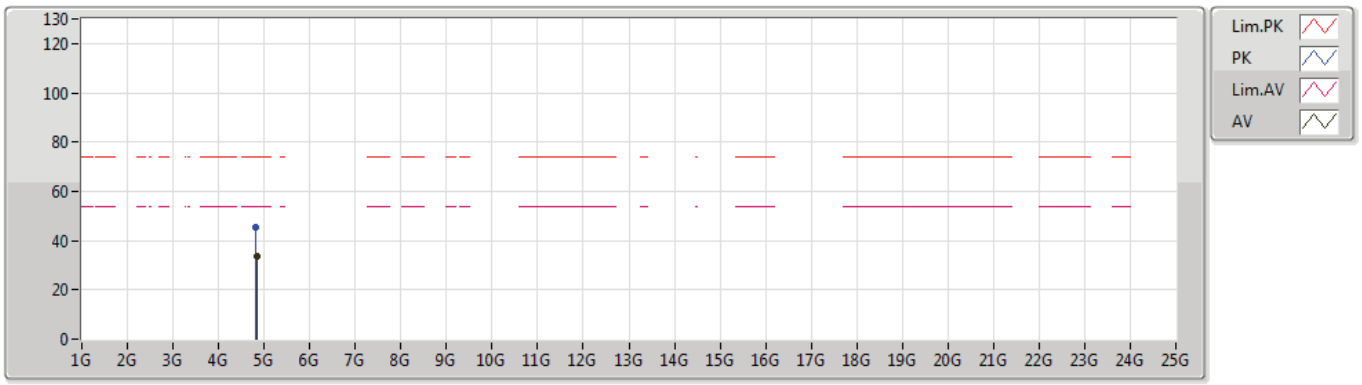


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3896G	47.68	54.00	-6.32	32.23	3	Horizontal	355	2.48	-
AV	2.4042G	89.51	Inf	-Inf	32.19	3	Horizontal	355	2.48	-
PK	2.3898G	60.58	74.00	-13.42	32.23	3	Horizontal	355	2.48	-
PK	2.4112G	97.31	Inf	-Inf	32.19	3	Horizontal	355	2.48	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

04/05/2019

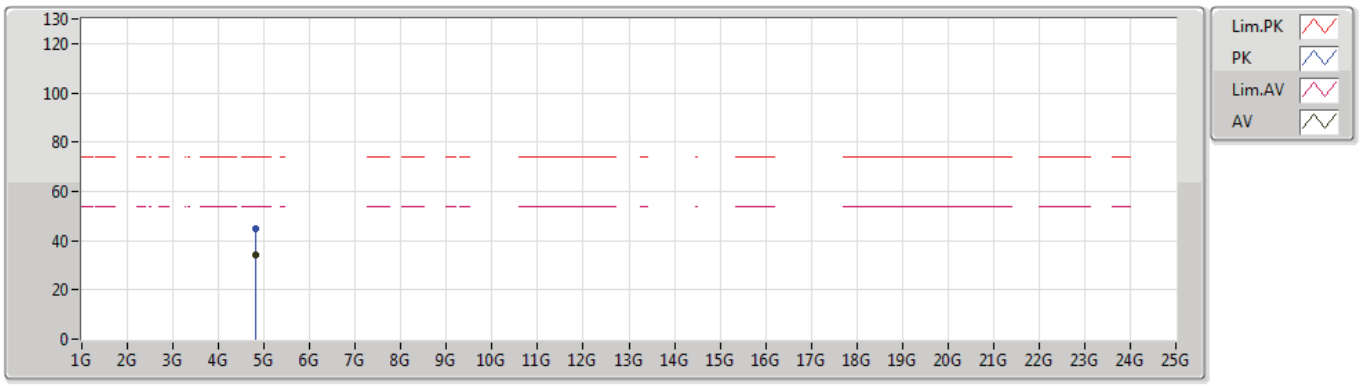


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82988G	33.80	54.00	-20.20	8.17	3	Vertical	229	1.50	-
PK	4.81134G	45.20	74.00	-28.80	8.14	3	Vertical	229	1.50	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

04/05/2019

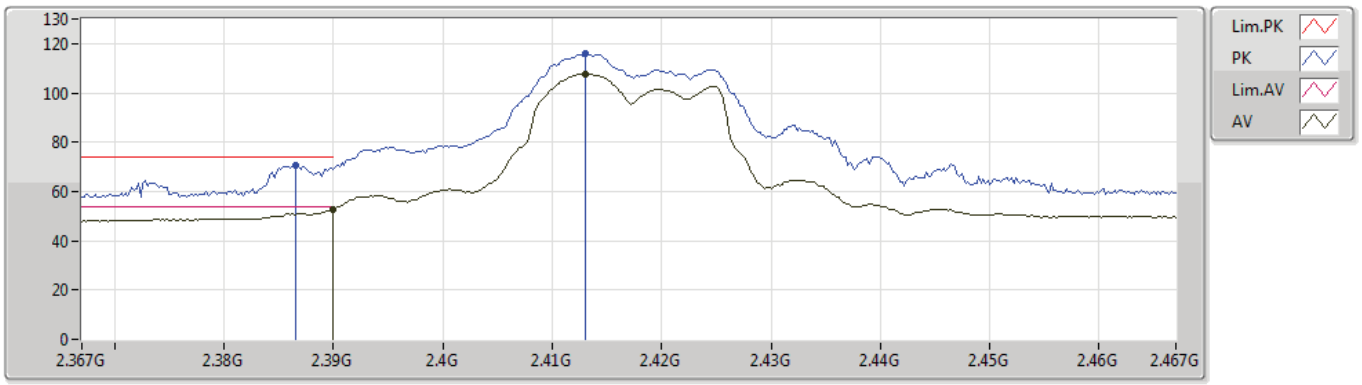


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82754G	33.96	54.00	-20.04	8.17	3	Horizontal	278	2.76	-
PK	4.80918G	44.93	74.00	-29.07	8.14	3	Horizontal	278	2.76	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

05/05/2019

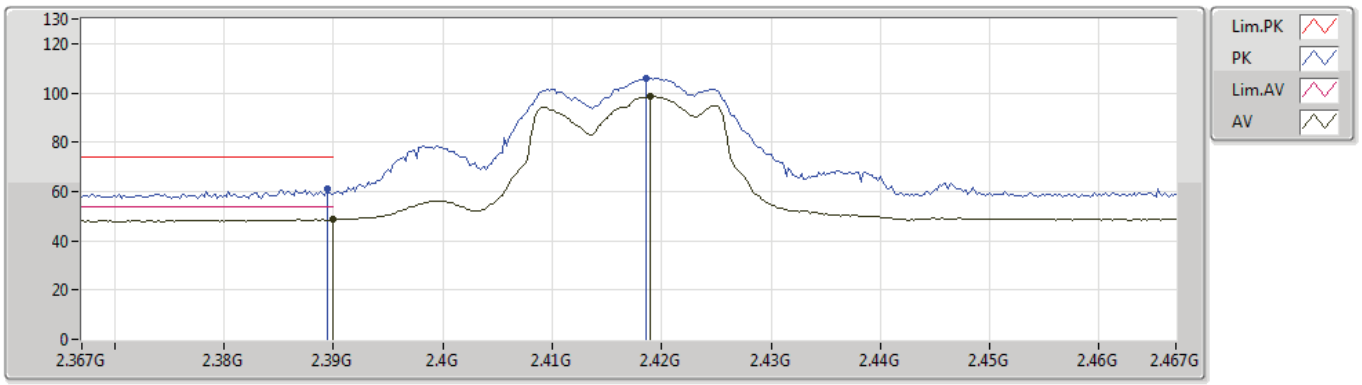


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	52.78	54.00	-1.22	32.23	3	Vertical	311	2.74	-
AV	2.413G	107.51	Inf	-Inf	32.18	3	Vertical	311	2.74	-
PK	2.3866G	70.70	74.00	-3.30	32.23	3	Vertical	311	2.74	-
PK	2.413G	115.81	Inf	-Inf	32.18	3	Vertical	311	2.74	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

05/05/2019

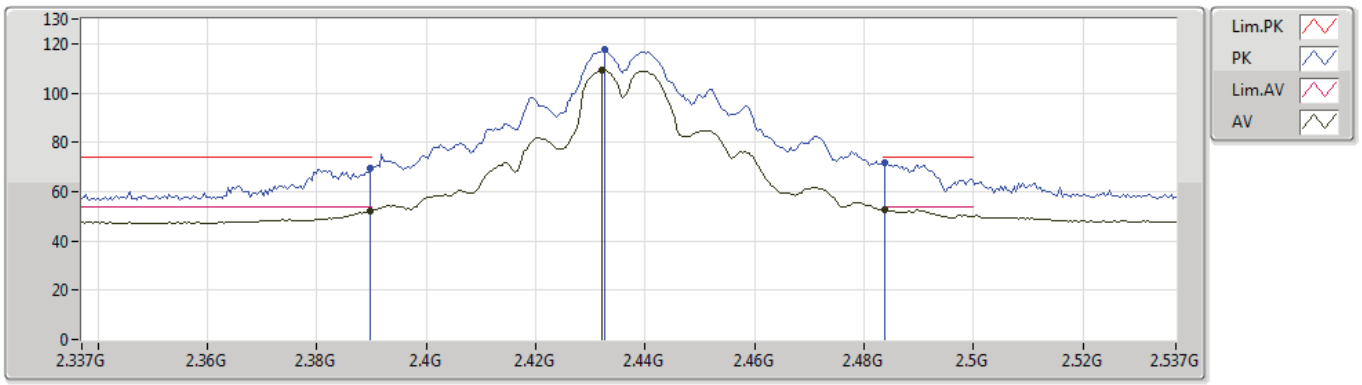


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	48.51	54.00	-5.49	32.23	3	Horizontal	227	2.38	-
AV	2.419G	98.47	Inf	-Inf	32.18	3	Horizontal	227	2.38	-
PK	2.3894G	61.23	74.00	-12.77	32.23	3	Horizontal	227	2.38	-
PK	2.4186G	105.98	Inf	-Inf	32.17	3	Horizontal	227	2.38	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

04/05/2019

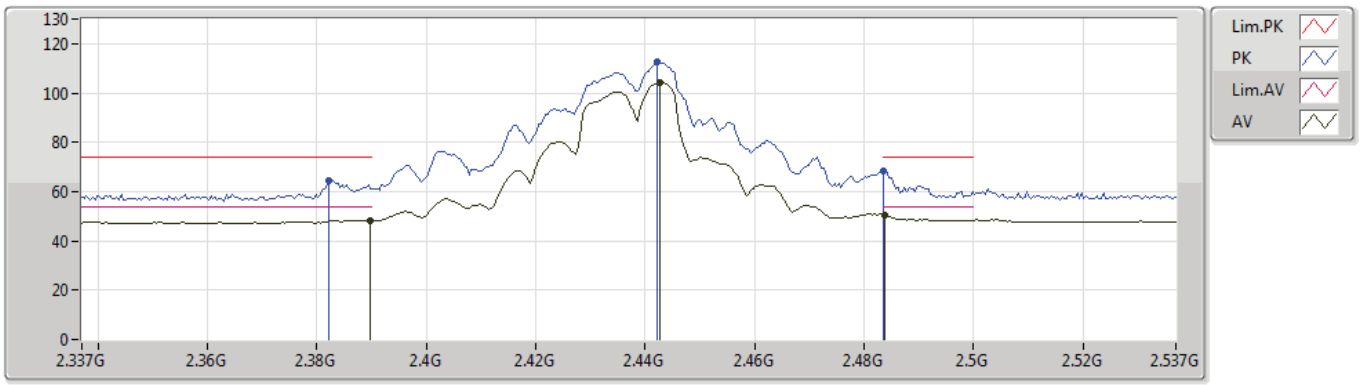


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	52.28	54.00	-1.72	32.23	3	Vertical	302	2.79	-
AV	2.4322G	109.18	Inf	-Inf	32.17	3	Vertical	302	2.79	-
AV	2.4838G	52.72	54.00	-1.28	32.10	3	Vertical	302	2.79	-
PK	2.3898G	69.27	74.00	-4.73	32.23	3	Vertical	302	2.79	-
PK	2.4326G	117.46	Inf	-Inf	32.16	3	Vertical	302	2.79	-
PK	2.4838G	71.71	74.00	-2.29	32.10	3	Vertical	302	2.79	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

04/05/2019

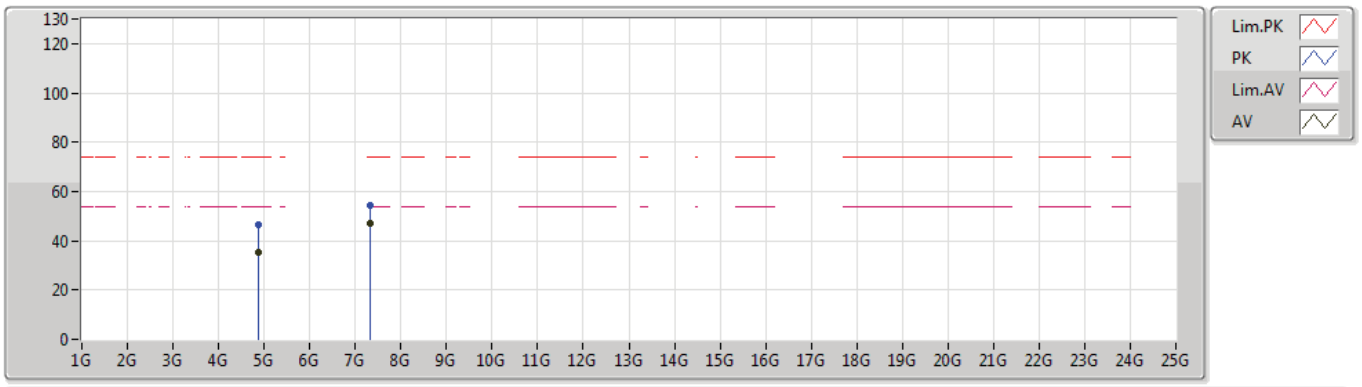


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	48.20	54.00	-5.80	32.23	3	Horizontal	164	2.77	-
AV	2.4426G	104.12	Inf	-Inf	32.14	3	Horizontal	164	2.77	-
AV	2.4838G	50.38	54.00	-3.62	32.10	3	Horizontal	164	2.77	-
PK	2.3822G	64.31	74.00	-9.69	32.25	3	Horizontal	302	2.77	-
PK	2.4422G	112.35	Inf	-Inf	32.15	3	Horizontal	164	2.77	-
PK	2.4835G	68.52	74.00	-5.48	32.10	3	Horizontal	164	2.77	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

04/05/2019

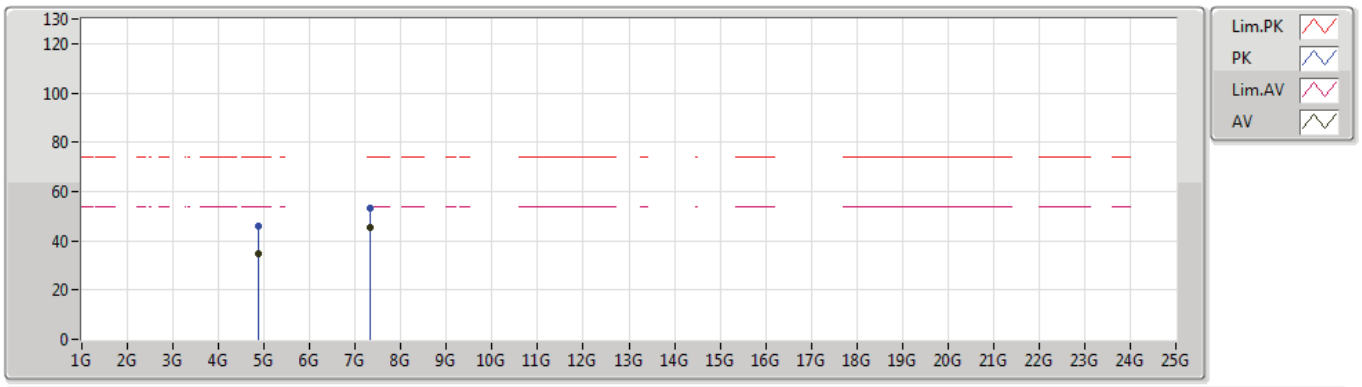


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8803G	35.33	54.00	-18.67	8.27	3	Vertical	228	2.12	-
AV	7.31098G	46.86	54.00	-7.14	14.47	3	Vertical	203	2.59	-
PK	4.88108G	46.51	74.00	-27.49	8.27	3	Vertical	228	2.12	-
PK	7.3111G	54.25	74.00	-19.75	14.47	3	Vertical	203	2.59	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

04/05/2019

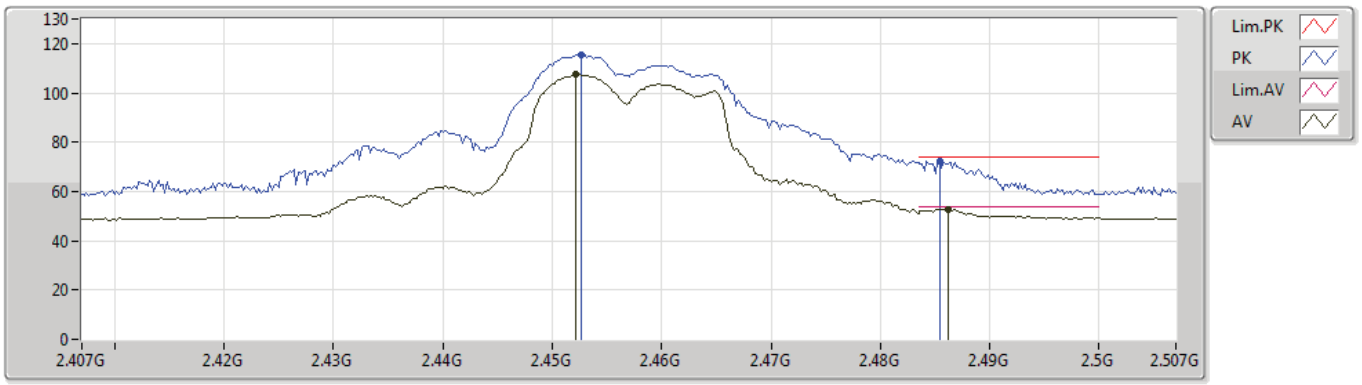


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8806G	35.02	54.00	-18.98	8.27	3	Horizontal	191	2.99	-
AV	7.31098G	45.11	54.00	-8.89	14.47	3	Horizontal	134	2.45	-
PK	4.88126G	46.16	74.00	-27.84	8.27	3	Horizontal	191	2.99	-
PK	7.31112G	52.99	74.00	-21.01	14.47	3	Horizontal	134	2.45	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

05/05/2019

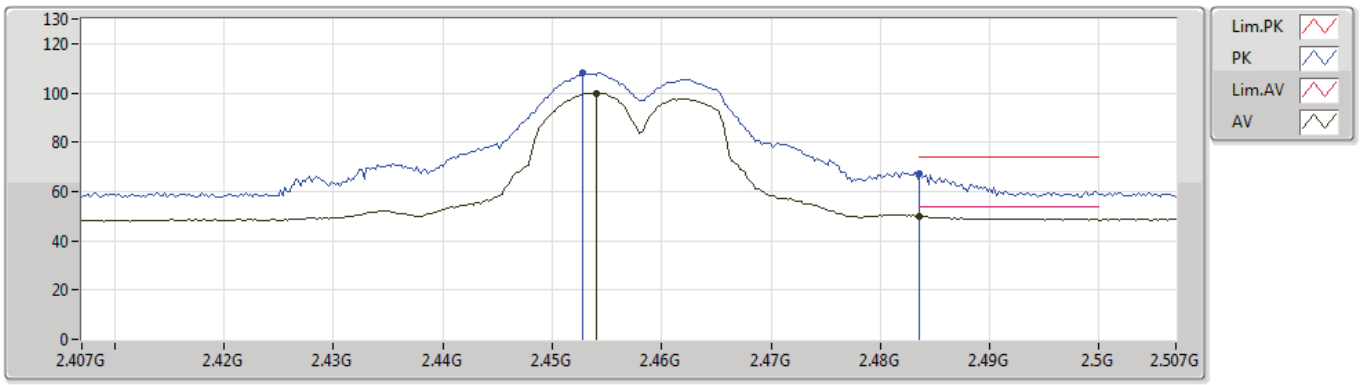


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4522G	107.45	Inf	-Inf	32.14	3	Vertical	310	2.99	-
AV	2.4862G	52.89	54.00	-1.11	32.10	3	Vertical	310	2.99	-
PK	2.4526G	115.57	Inf	-Inf	32.13	3	Vertical	310	2.99	-
PK	2.4854G	72.19	74.00	-1.81	32.10	3	Vertical	310	2.99	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

05/05/2019

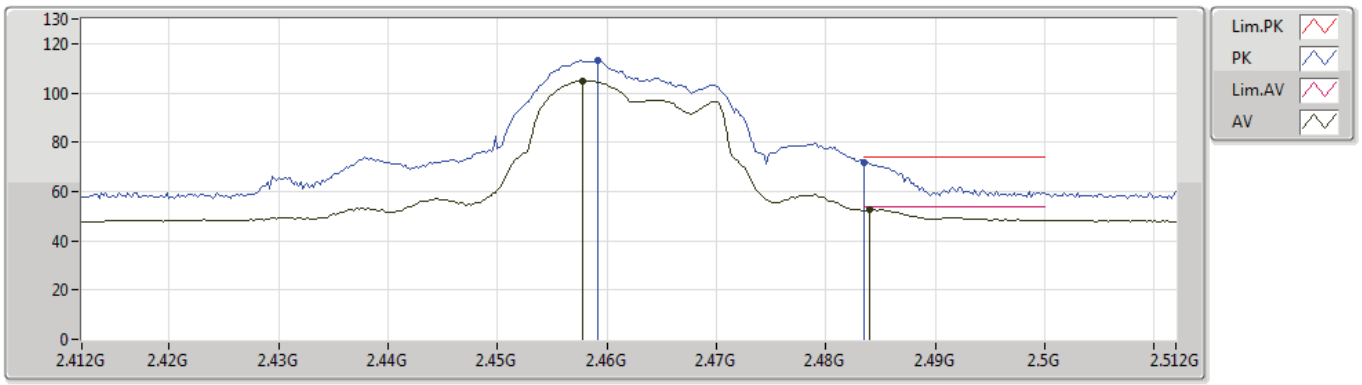


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.454G	99.93	Inf	-Inf	32.13	3	Horizontal	335	2.82	-
AV	2.4835G	49.86	54.00	-4.14	32.10	3	Horizontal	335	2.82	-
PK	2.4528G	108.41	Inf	-Inf	32.13	3	Horizontal	335	2.82	-
PK	2.4836G	67.20	74.00	-6.80	32.10	3	Horizontal	335	2.82	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

04/05/2019

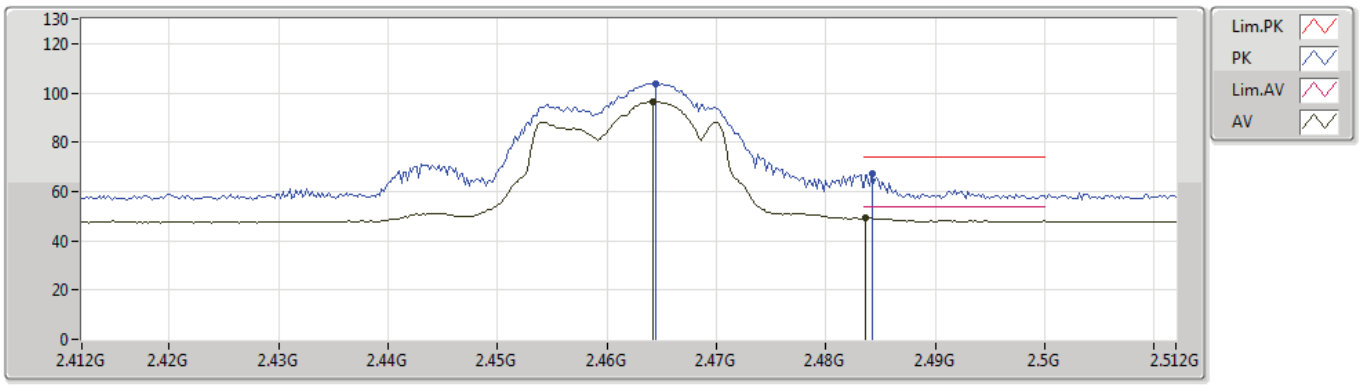


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4578G	104.86	Inf	-Inf	32.13	3	Vertical	313	2.72	-
AV	2.484G	52.73	54.00	-1.27	32.10	3	Vertical	313	2.72	-
PK	2.4592G	113.24	Inf	-Inf	32.13	3	Vertical	313	2.72	-
PK	2.4835G	71.68	74.00	-2.32	32.10	3	Vertical	313	2.72	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

04/05/2019

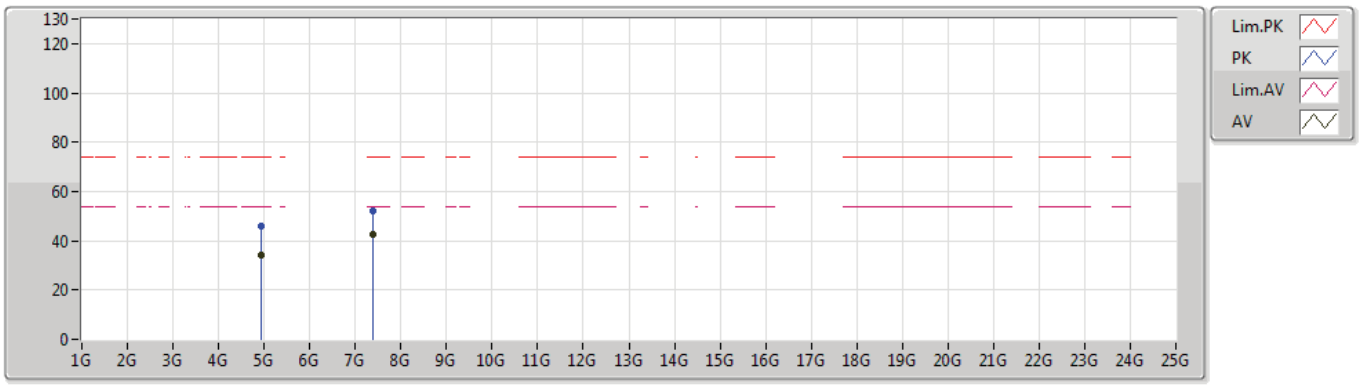


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.4642G	96.30	Inf	-Inf	32.12	3	Horizontal	190	2.50	-
AV	2.4836G	49.04	54.00	-4.96	32.10	3	Horizontal	190	2.50	-
PK	2.4644G	103.85	Inf	-Inf	32.12	3	Horizontal	190	2.50	-
PK	2.4842G	67.46	74.00	-6.54	32.10	3	Horizontal	190	2.50	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

04/05/2019

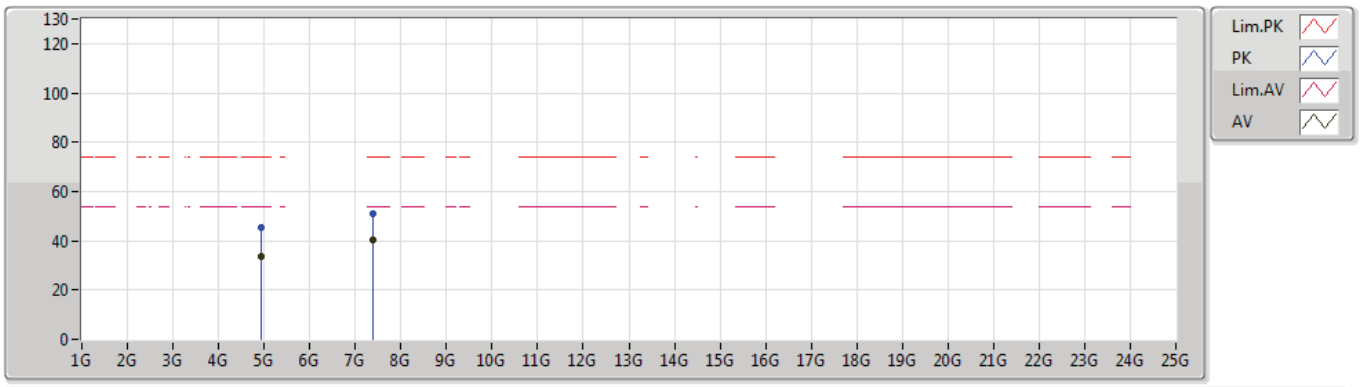


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.9285G	33.91	54.00	-20.09	8.41	3	Vertical	278	2.45	-
AV	7.38588G	42.72	54.00	-11.28	14.20	3	Vertical	130	2.75	-
PK	4.93132G	45.79	74.00	-28.21	8.41	3	Vertical	278	2.45	-
PK	7.3861G	52.26	74.00	-21.74	14.20	3	Vertical	130	2.75	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

04/05/2019

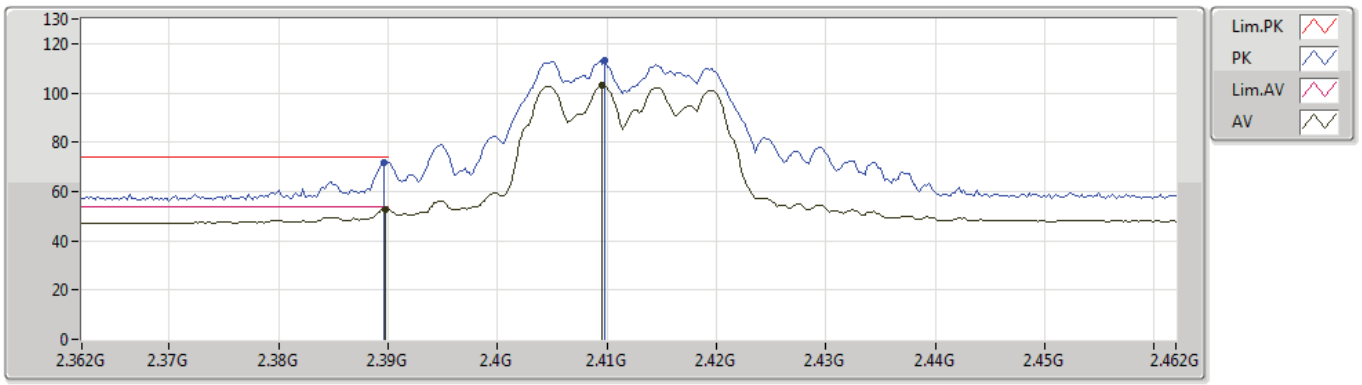


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.92412G	33.83	54.00	-20.17	8.39	3	Horizontal	294	2.83	-
AV	7.38589G	40.46	54.00	-13.54	14.20	3	Horizontal	308	1.77	-
PK	4.93156G	45.28	74.00	-28.72	8.41	3	Horizontal	294	2.83	-
PK	7.38718G	51.11	74.00	-22.89	14.20	3	Horizontal	308	1.77	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

04/05/2019

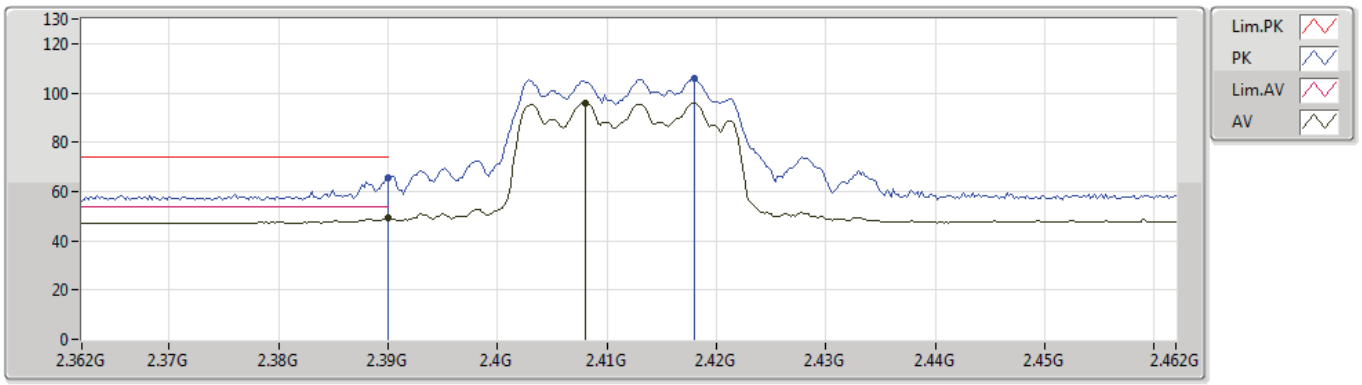


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3898G	52.73	54.00	-1.27	32.23	3	Vertical	0	2.99	-
AV	2.4096G	102.84	Inf	-Inf	32.19	3	Vertical	0	2.99	-
PK	2.3896G	71.90	74.00	-2.10	32.23	3	Vertical	0	2.99	-
PK	2.4098G	113.04	Inf	-Inf	32.19	3	Vertical	0	2.99	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

04/05/2019

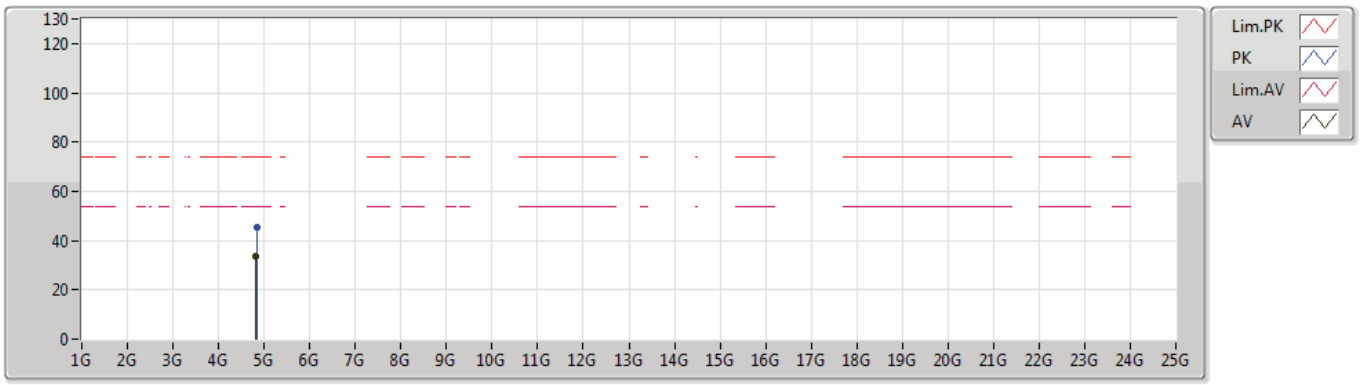


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.39G	49.36	54.00	-4.64	32.23	3	Horizontal	320	2.97	-
AV	2.408G	96.08	Inf	-Inf	32.19	3	Horizontal	320	2.97	-
PK	2.39G	65.77	74.00	-8.23	32.23	3	Horizontal	320	2.97	-
PK	2.418G	105.70	Inf	-Inf	32.17	3	Horizontal	320	2.97	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

04/05/2019

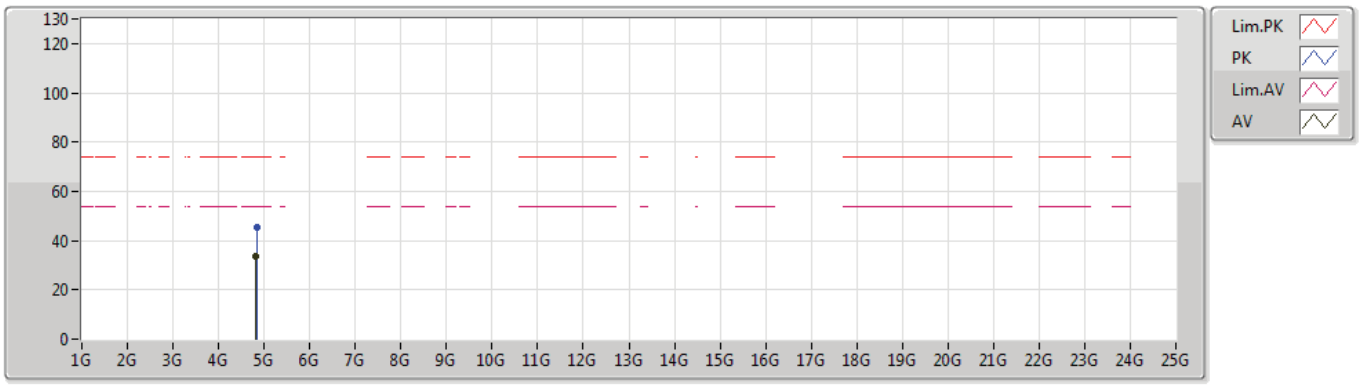


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.8108G	33.56	54.00	-20.44	8.14	3	Vertical	360	1.06	-
PK	4.83048G	45.56	74.00	-28.44	8.17	3	Vertical	360	1.06	-

802.11ax HEW20_Nss1,(MCS0)_4TX

04/05/2019

2412MHz_TX

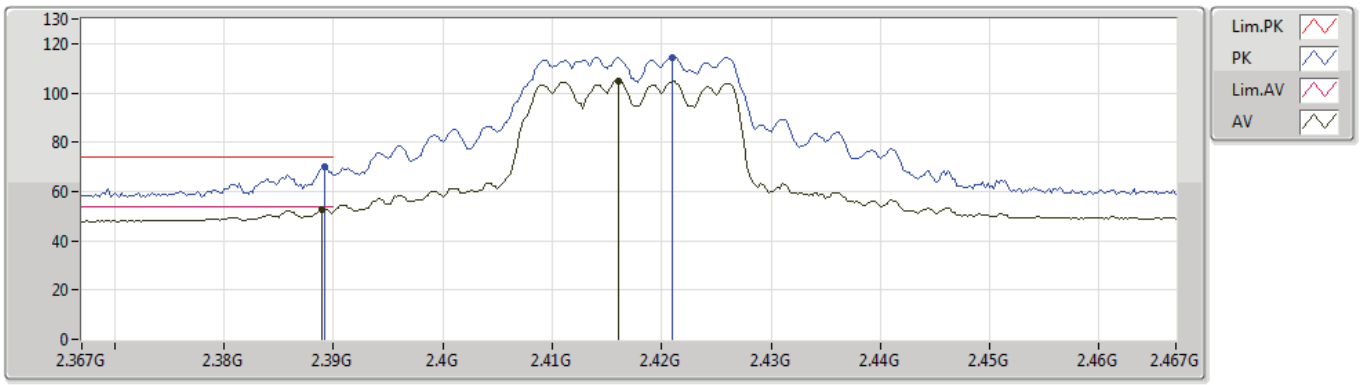


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	4.82748G	33.84	54.00	-20.16	8.17	3	Horizontal	299	2.77	-
PK	4.82874G	45.56	74.00	-28.44	8.17	3	Horizontal	299	2.77	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

05/05/2019

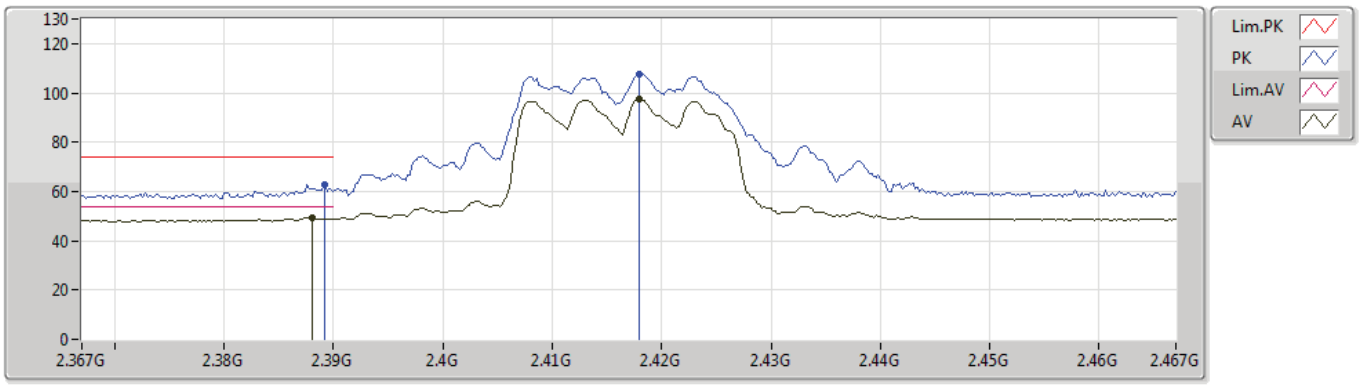


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.389G	52.76	54.00	-1.24	32.22	3	Vertical	314	2.75	-
AV	2.416G	104.92	Inf	-Inf	32.18	3	Vertical	314	2.75	-
PK	2.3892G	69.84	74.00	-4.16	32.22	3	Vertical	314	2.75	-
PK	2.421G	114.49	Inf	-Inf	32.18	3	Vertical	314	2.75	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

05/05/2019

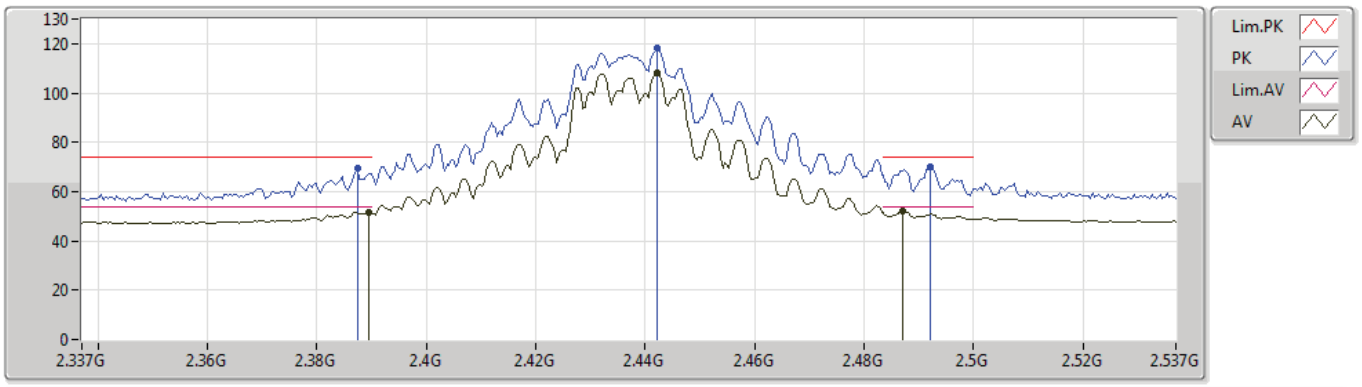


Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.388G	49.48	54.00	-4.52	32.23	3	Horizontal	217	2.39	-
AV	2.418G	97.32	Inf	-Inf	32.17	3	Horizontal	217	2.39	-
PK	2.3892G	62.75	74.00	-11.25	32.22	3	Horizontal	217	2.39	-
PK	2.418G	107.72	Inf	-Inf	32.17	3	Horizontal	217	2.39	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

05/05/2019



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
AV	2.3894G	51.63	54.00	-2.37	32.23	3	Vertical	1	2.87	-
AV	2.4422G	108.31	Inf	-Inf	32.15	3	Vertical	1	2.87	-
AV	2.487G	52.24	54.00	-1.76	32.10	3	Vertical	1	2.87	-
PK	2.3874G	69.51	74.00	-4.49	32.23	3	Vertical	1	2.87	-
PK	2.4422G	118.06	Inf	-Inf	32.15	3	Vertical	1	2.87	-
PK	2.4922G	70.06	74.00	-3.94	32.09	3	Vertical	1	2.87	-