Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	L9VVR3071
Equipment	:	Home Gateway
Brand Name	:	COMTREND
Model Name	:	VR-3071、VR-3071u、WAP-5954u、PRT-6301
Applicant / Manufacturer	:	COMTREND Corporation 3F-1, 10 Lane 609, Chung Hsin Road, Section 5, San Chung Dist, New Taipei City 24159, Taiwan
Factory (1)	:	Datamax Electronics (Dong Guan) Co., Ltd. Niu shan Foreign Economic Industrial park, Dong Cheng District, Dong Guan City, Guang Dong , China.
Factory (2)	:	GIANTA CO., LTD No.130,Sec2,Yangxin Rd.,Yang Mei Dist,Taoyuan City326,Taiwan
Factory (3)	:	Intelligent Technology Inc. Yuanhe Three Street , Tongsha Industrial Zone , Dongcheng Area, Dongguan City , Guangdong Province , China.
Standard	:	47 CFR FCC Part 15.247

The product was received on Aug. 21, 2019, and testing was started from Aug. 28, 2019 and completed on Dec. 13, 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: Sam Chen

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Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR980825AA	01	Initial issue of report	Jan. 15, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

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

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

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

1.1.2 Antenna Information

Ant.	2.4GHz port	5GHz port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	2	1	MASTER WAVE	502219-345	Copper Tube Antenna	I-PEX	Note 1
2	1	2	MASTER WAVE	502219-344	Copper Tube Antenna	I-PEX	
3	-	3	MASTER WAVE	502219-342	PCB Antenna	I-PEX	
4	-	4	MASTER WAVE	502219-343	PCB Antenna	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)		
	2.4GHz	5GHz Band 1	5GHz Band 4
1	4.04	5.00	3.23
2	3.64	3.67	2.89
3	-	1.94	3.14
4	-	2.96	3.90

Ant.	Direction Gain (dBi)		
	2.4GHz	5GHz Band 1	5GHz Band 4
	2T1S	4T1S	4T1S
1	3.94	7.48	6.21
2	3.94	7.48	6.21
3	3.94	7.48	6.21
4	3.94	7.48	6.21

Note 2: The above information was declared by manufacturer.

For 2.4GHz WLAN function

IEEE 802.11b/g/n/VHT/ax mode (2TX/2RX):

Port 1 and port 2 can be used as transmitting/receiving antenna.

Port 1 and port 2 could transmit/receive simultaneously.

For 5GHz WLAN function

IEEE 802.11a/n/ac/ax mode (4TX/4RX):

Port 1, port 2, port 3 and port 4 can be used as transmitting/receiving antenna.

Port 1, port 2, port 3 and port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.806	0.94	2.82m	1k
802.11g	0.952	0.21	2.068m	1k
VHT20	0.985	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT20-BF	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
VHT40	0.969	0.14	953.125u	3k
VHT40-BF	0.972	0.12	953.75u	3k
802.11ax HEW20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.954	0.2	3.21m	1k
802.11ax HEW40	0.964	0.16	782.5u	3k
802.11ax HEW40-BF	0.962	0.17	4.639m	300

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	For IEEE 802.11 n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Non beamforming mode: Mtool_v3.1.0.2 Beamforming mode: Telnet			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product except for the following table:

EUT	Model Name	Main Chip	DSL	Description
1	VR-3071	BCM63178	V	In addition to these differences, there are no other differences, mainly used as a market partition.
2	VR-3071u	BCM63178	V	
3	WAP-5954u	BCM63178	X	
4		BCM63177		
5	PRT-6301	BCM63178	X	
6		BCM63177		

From the above models, model: VR-3071 and PRT-6301 (Main Chip: BCM63177) were selected as representative model for radiation below 1GHz test and its data was recorded in this report. Model: VR-3071 was selected as representative model for other tests and its data was recorded in this report.

1.2 Applicable 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
- FCC KDB 558074 D01 v05r02
- FCC KDB 662911 D01 v02r01
- FCC KDB 414788 D01 v01r01

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
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Lance Wu	23.8~25.5°C / 62~66%	Aug. 28, 2019 ~ Nov. 12, 2019
Radiated below 1GHz	03CH05-CB	Eason Chen	For adpater 1: 24.5~26°C / 60~64% For adpater 2: 23~25.5°C / 60~63%	For adpater 1: Sep. 09, 2019 ~ Dec. 13, 2019 For adpater 2: Nov. 29, 2019
Radiated above 1GHz	03CH03-CB	Eason Chen	25.4~26.1°C / 57~62%	Sep. 09, 2019 ~ Nov. 08, 2019
AC Conduction	CO02-CB	Peter Wu	For adpater 1: 23~24°C / 57~58% For adpater 2: 21~22°C / 55~56%	For adpater 1: Sep. 19, 2019 For adpater 2: Dec. 02, 2019
		Max Lin		

Test site Designation No. TW0006 with FCC.
Test site registered number IC 4086D with Industry Canada.

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)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	PowerSetting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	89
2422MHz	87
2437MHz	91
2452MHz	87
2462MHz	89
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	61
2417MHz	61
2422MHz	61
2437MHz	62
2452MHz	63
2457MHz	63
2462MHz	63
VHT20_Nss1,(MCS0)_2TX	-
2412MHz	65
2417MHz	65
2422MHz	65
2437MHz	65
2452MHz	66
2457MHz	66
2462MHz	66
VHT40_Nss1,(MCS0)_2TX	-
2422MHz	64
2437MHz	64
2452MHz	65
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	55
2417MHz	55
2422MHz	55
2437MHz	56
2452MHz	57
2457MHz	57
2462MHz	57
802.11ax HEW40_Nss1,(MCS0)_2TX	-
2422MHz	64

Mode	PowerSetting
2437MHz	64
2452MHz	65

Mode	PowerSetting
VHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	61
2417MHz	61
2422MHz	61
2437MHz	61
2452MHz	61
2457MHz	61
2462MHz	61
VHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	70
2437MHz	70
2452MHz	70
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	61
2417MHz	61
2422MHz	61
2437MHz	61
2452MHz	61
2457MHz	61
2462MHz	61
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	72
2437MHz	72
2452MHz	72

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- There are two modes of EUT for 802.11n/VHT/ax in 2.4GHz and 802.11n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.

2.2 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	Normal Link
1	Normal Link - EUT 1 + Adapter 1
2	Normal Link - EUT 1 + Adapter 2
For operating mode 1 is the worst case and it was record in this test report.	

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
Operating Mode	EUT 1

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	Normal Link
1	Normal Link - EUT 1 + Adapter 1
2	Normal Link - EUT 1 + Adapter 2
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	Normal Link - EUT 6 + Adapter 1
For operating mode 1 and Mode 3 were the worst case and they were record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz - EUT 1
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz - EUT 1
Refer to Sporton Test Report No.: FA980825 for Co-location RF Exposure Evaluation.	

Note: The EUT can only use Y axis position.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter 1	AMIGO	AMS241-1203000FU	Input: 100-240V, 50/60Hz, 1.2A Output: 12V, 3.0A
Adapter 2	AMIGO	AMS200-1202000FU	Input: 100-240V, 50/60Hz, 0.8A Max Output: 12V, 2.0A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	604108 8255	N/A
B	LAN NB	DELL	E6430	N/A
C	WAN NB	DELL	E6430	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	DSL CO	COMTREND	CT-5372	N/A
G	DSL NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	NB	DELL	E4300	N/A
D	NB	DELL	E4300	N/A
E	NB	DELL	E4300	N/A
F	Flash disk3.0	Silicon Power	B06	N/A
G	DSL CO	COMTREND	CT-5372	N/A

For Radiated (above 1GHz):
(For non-beamforming mode)

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

(For beamforming mode)

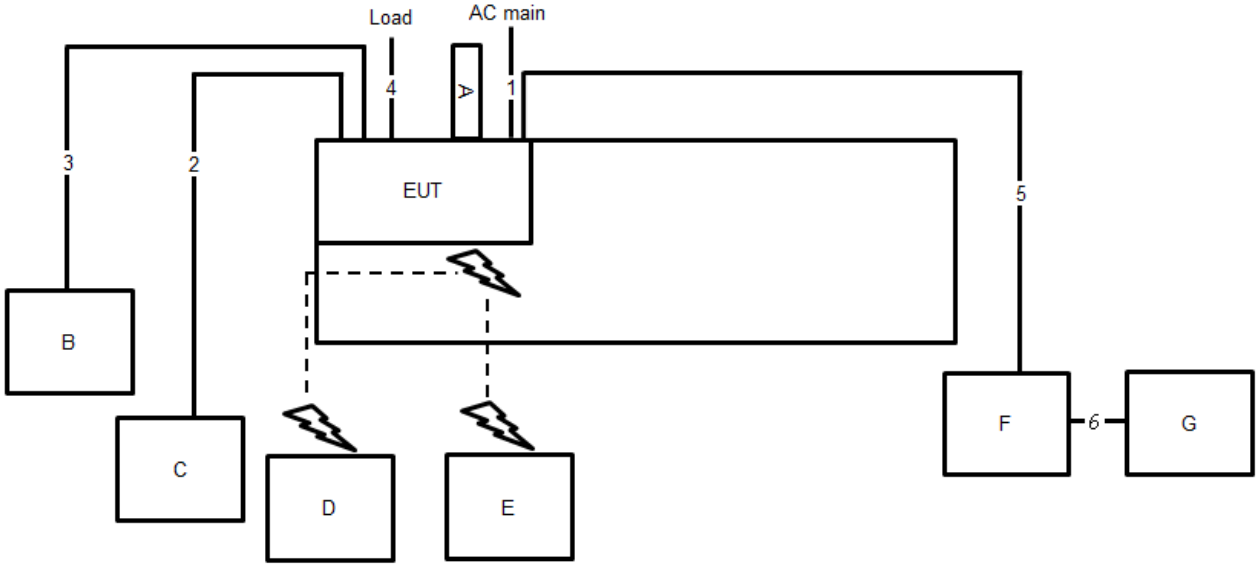
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	RX Device	ASUS	RT-AX88U	MSQ-RTAXHP00

For RF Conducted:

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

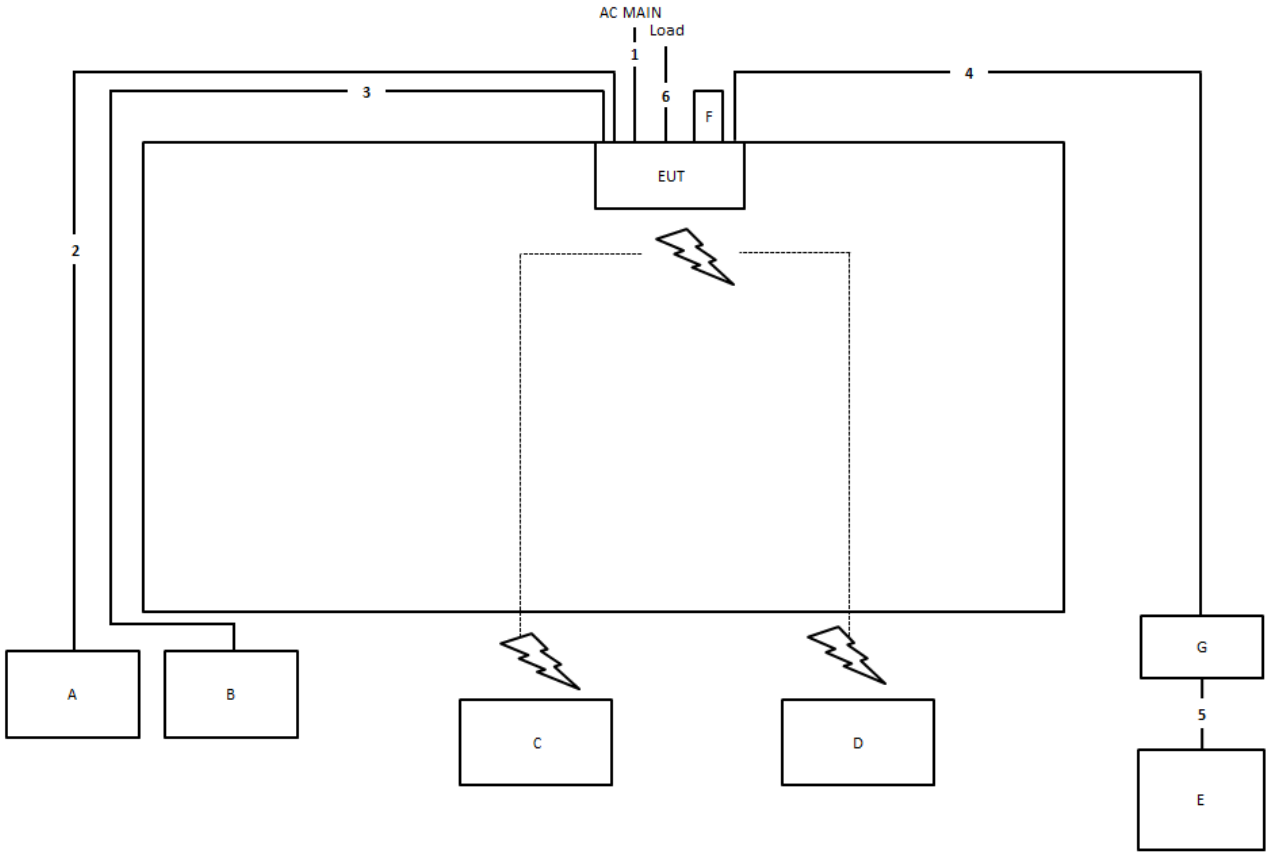
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



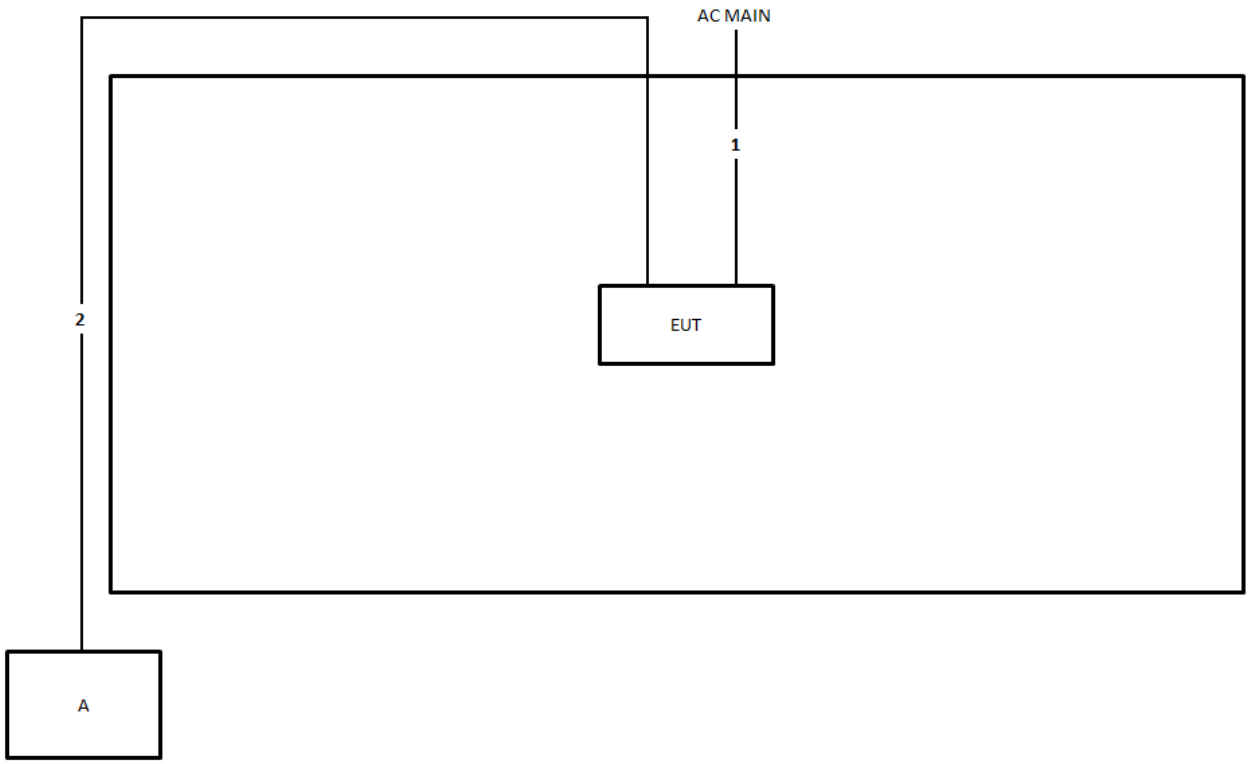
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable*3	No	1.5m
5	RJ-11 cable	No	10m
6	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



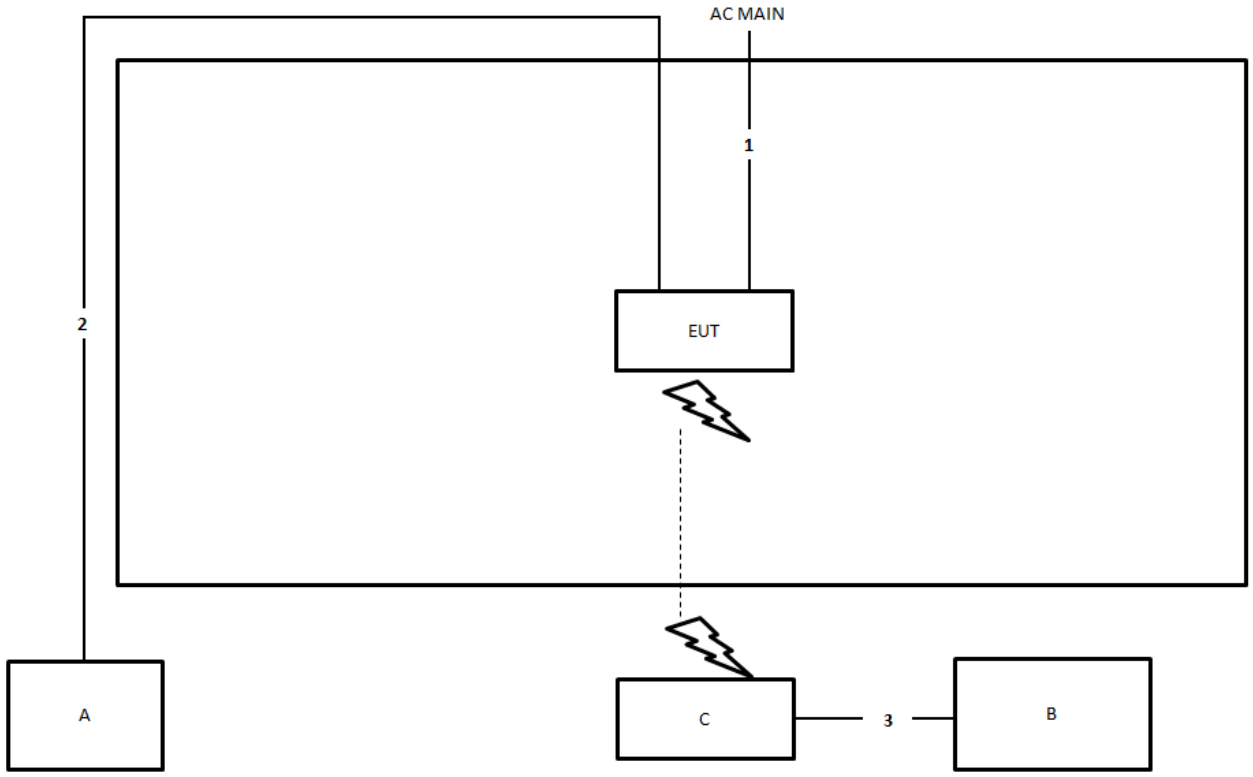
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-11 cable	No	10m
5	RJ-45 cable	No	1m
6	RJ-45 cable*3	No	1m

Test Setup Diagram - Radiated Test > 1GHz / For non-beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz / For beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

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

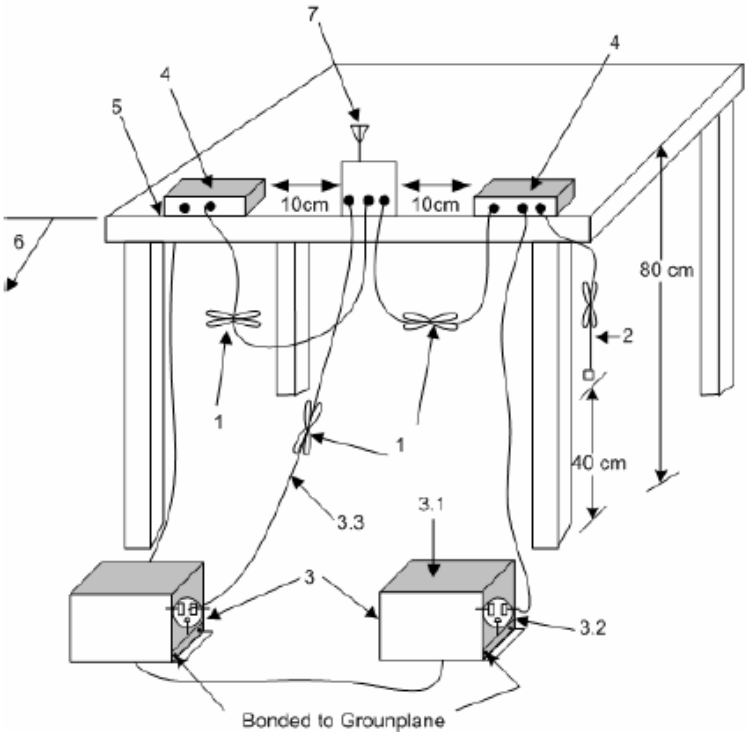
Refer a test equipment and calibration data table in this test report.

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



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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.

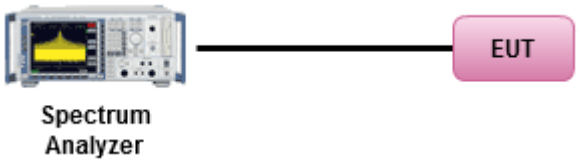
3.2.2 Measuring Instruments

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 FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 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
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.		

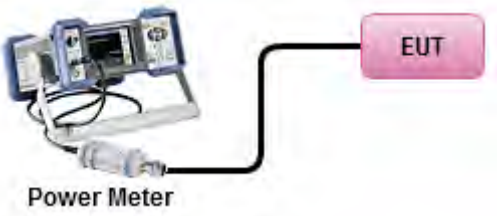
3.3.2 Measuring Instruments

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 FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☒ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC 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

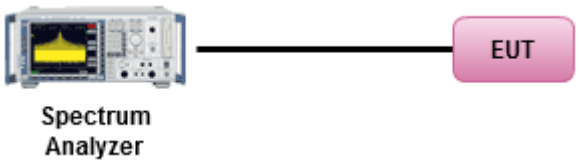
Refer a test equipment and calibration data table in this test report.

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 FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.2 Method PKPSD.
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.3 Method AVGPSD-1.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.5 Method AVGPSD-2.
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.7 Method AVGPSD-3.
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.4 Method AVGPSD-1A. (alternative).
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.6 Method AVGPSD-2A. (alternative)
	☐ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10.8 Method AVGPSD-3A. (alternative)
▪ For conducted measurement.	
	▪ If The EUT supports multiple transmit chains using options given below:
	☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
	☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,

		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.

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 (dBc)**
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.	

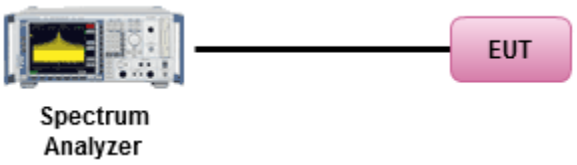
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted 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.

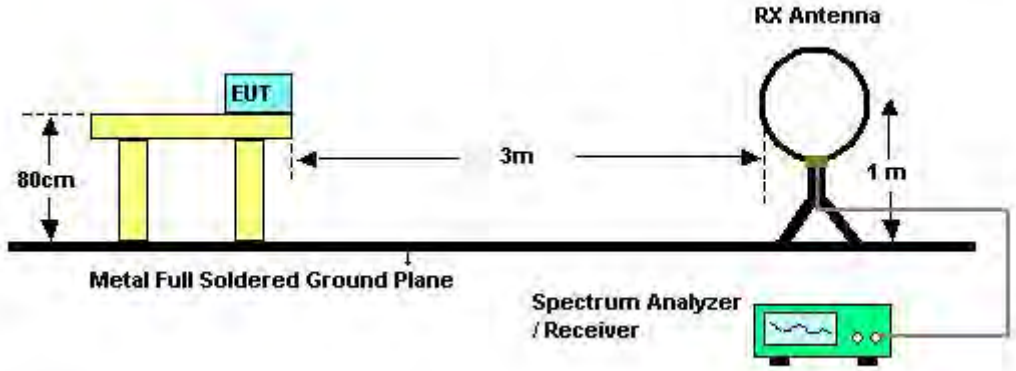
3.6.3 Test Procedures

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 FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.		
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, 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 FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.		
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).		
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB		
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.		

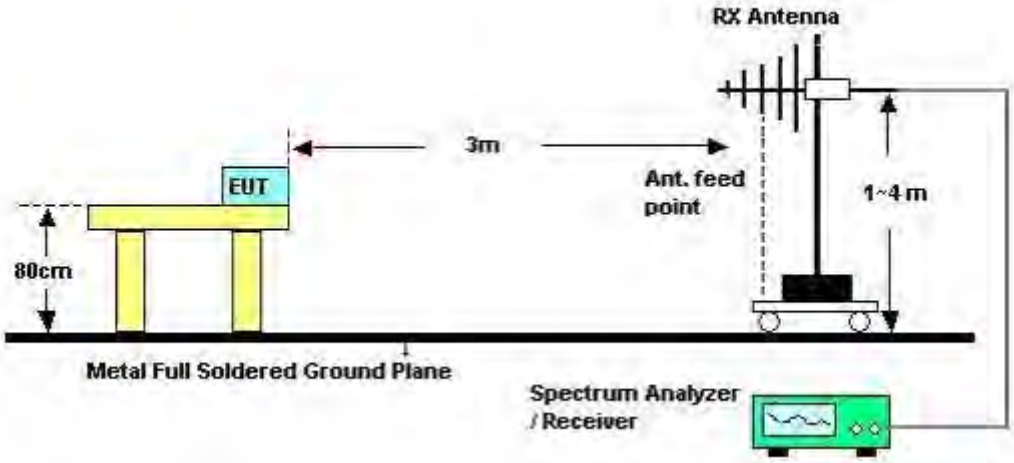
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

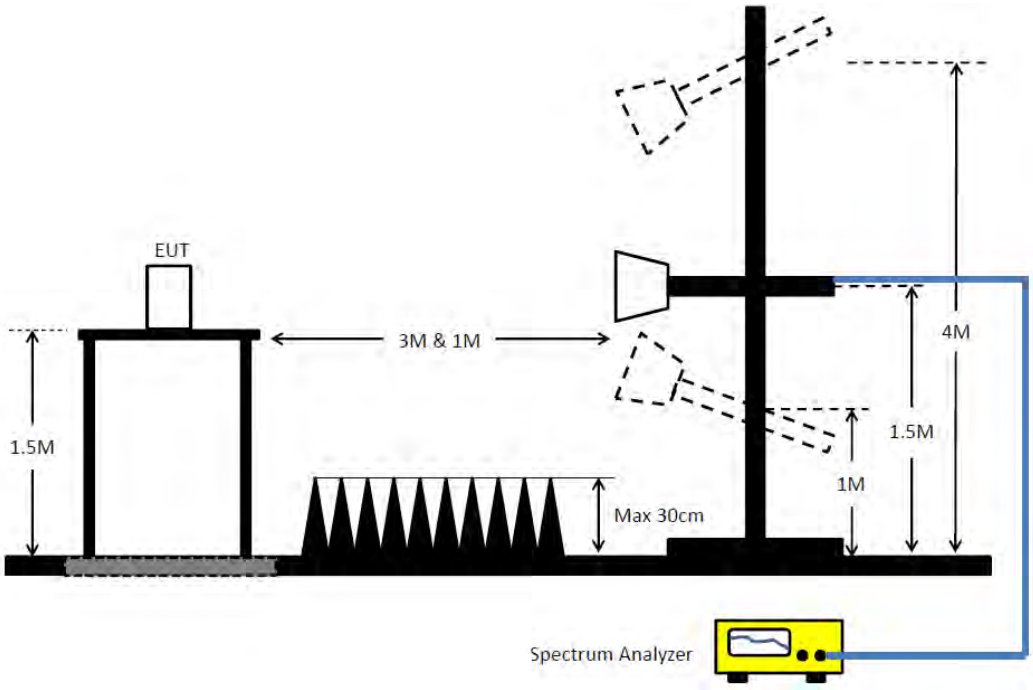
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2018	Nov. 20, 2019	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 05, 2018	Nov. 04, 2019	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Oct. 30, 2019	Oct. 29, 2020	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 16, 2019	Jan. 15, 2020	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz~30MHz	Nov. 06, 2018	Nov. 05, 2019	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz~30MHz	Oct. 21, 2019	Oct. 20, 2020	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Bilog Antenna with 6dB Attenuator	TESE & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2019	Jan. 23, 2020	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Dec. 20, 2018	Dec. 19, 2019	Radiation (03CH03-CB)

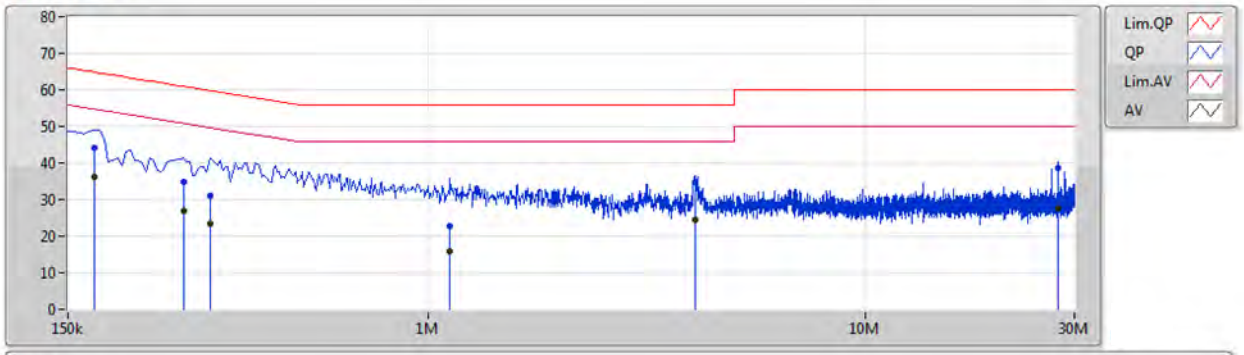
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.

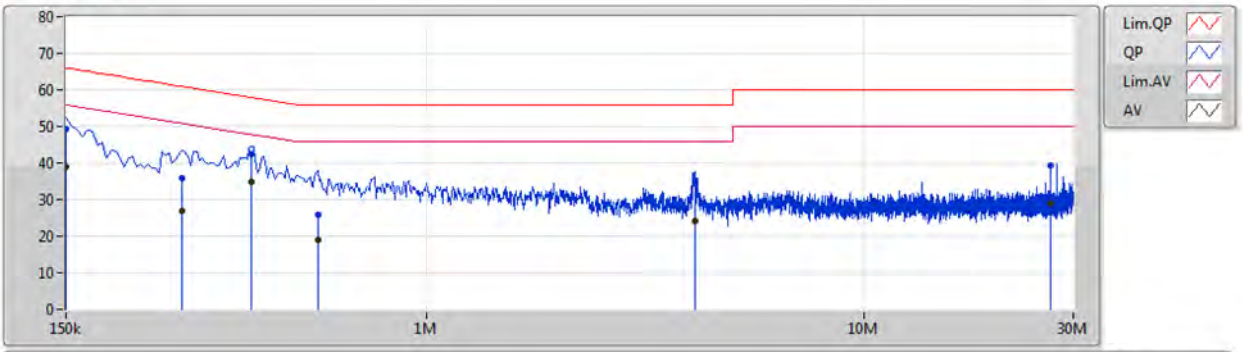
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	172.5k	44.10	64.83	-20.73	10.17	Line	-	33.93	0.05	0.02	10.10
AV	172.5k	36.16	54.83	-18.67	10.17	Line	"Worst"	25.99	0.05	0.02	10.10
QP	276k	34.68	60.93	-26.25	10.17	Line	-	24.51	0.05	0.02	10.10
AV	276k	26.95	50.93	-23.98	10.17	Line	-	16.78	0.05	0.02	10.10
QP	316.5k	30.99	59.80	-28.81	10.18	Line	-	20.81	0.06	0.02	10.10
AV	316.5k	23.53	49.80	-26.27	10.18	Line	-	13.35	0.06	0.02	10.10
QP	1.122M	22.61	56.00	-33.39	10.19	Line	-	12.42	0.07	0.02	10.10
AV	1.122M	15.95	46.00	-30.05	10.19	Line	-	5.76	0.07	0.02	10.10
QP	4.079M	34.71	56.00	-21.29	10.29	Line	-	24.42	0.12	0.07	10.10
AV	4.079M	24.50	46.00	-21.50	10.29	Line	-	14.21	0.12	0.07	10.10
QP	27.587M	38.45	60.00	-21.55	10.72	Line	-	27.73	0.37	0.22	10.13
AV	27.587M	27.51	50.00	-22.49	10.72	Line	-	16.79	0.37	0.22	10.13

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	49.32	66.00	-16.68	10.15	Neutral	-	39.17	0.03	0.02	10.10
AV	150k	39.05	56.00	-16.95	10.15	Neutral	-	28.90	0.03	0.02	10.10
QP	276k	35.86	60.93	-25.07	10.15	Neutral	-	25.71	0.03	0.02	10.10
AV	276k	26.86	50.93	-24.07	10.15	Neutral	-	16.71	0.03	0.02	10.10
QP	397.5k	42.25	57.91	-15.66	10.16	Neutral	-	32.09	0.04	0.02	10.10
AV	397.5k	34.89	47.91	-13.02	10.16	Neutral	"Worst"	24.73	0.04	0.02	10.10
QP	564k	25.77	56.00	-30.23	10.16	Neutral	-	15.61	0.04	0.02	10.10
AV	564k	18.85	46.00	-27.15	10.16	Neutral	-	8.69	0.04	0.02	10.10
QP	4.11M	34.40	56.00	-21.60	10.25	Neutral	-	24.15	0.08	0.07	10.10
AV	4.11M	24.26	46.00	-21.74	10.25	Neutral	-	14.01	0.08	0.07	10.10
QP	26.637M	39.22	60.00	-20.78	10.62	Neutral	-	28.60	0.29	0.21	10.12
AV	26.637M	28.82	50.00	-21.18	10.62	Neutral	-	18.20	0.29	0.21	10.12

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

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	7.525M	10.345M	10M3G1D	6.55M	10.245M
802.11g_Nss1,(6Mbps)_2TX	16.35M	16.592M	16M6D1D	16.325M	16.567M
VHT20_Nss1,(MCS0)_2TX	17.6M	17.791M	17M8D1D	17.55M	17.766M
VHT40_Nss1,(MCS0)_2TX	36.35M	36.332M	36M3D1D	36.3M	36.132M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.975M	19.015M	19M0D1D	18.9M	18.941M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.6M	37.681M	37M7D1D	37.4M	37.481M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.55M	10.345M	7.025M	10.245M
2437MHz	Pass	500k	7.525M	10.345M	7.05M	10.27M
2462MHz	Pass	500k	7.05M	10.295M	7M	10.295M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.567M	16.35M	16.567M
2437MHz	Pass	500k	16.35M	16.592M	16.35M	16.567M
2462MHz	Pass	500k	16.35M	16.592M	16.35M	16.567M
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.791M	17.6M	17.791M
2437MHz	Pass	500k	17.55M	17.766M	17.6M	17.766M
2462MHz	Pass	500k	17.575M	17.766M	17.6M	17.766M
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.3M	36.182M	36.3M	36.232M
2437MHz	Pass	500k	36.3M	36.232M	36.3M	36.332M
2452MHz	Pass	500k	36.3M	36.132M	36.35M	36.282M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.95M	18.991M	18.9M	18.991M
2437MHz	Pass	500k	18.95M	18.941M	18.925M	18.966M
2462MHz	Pass	500k	18.975M	18.966M	18.95M	19.015M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.4M	37.581M	37.5M	37.581M
2437MHz	Pass	500k	37.6M	37.481M	37.6M	37.631M
2452MHz	Pass	500k	37.6M	37.681M	37.6M	37.581M

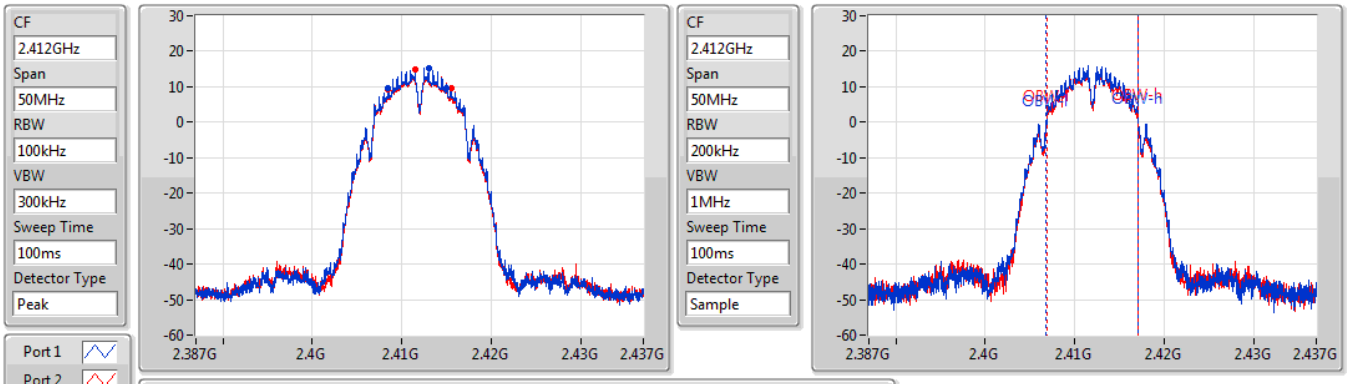
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

11/09/2019



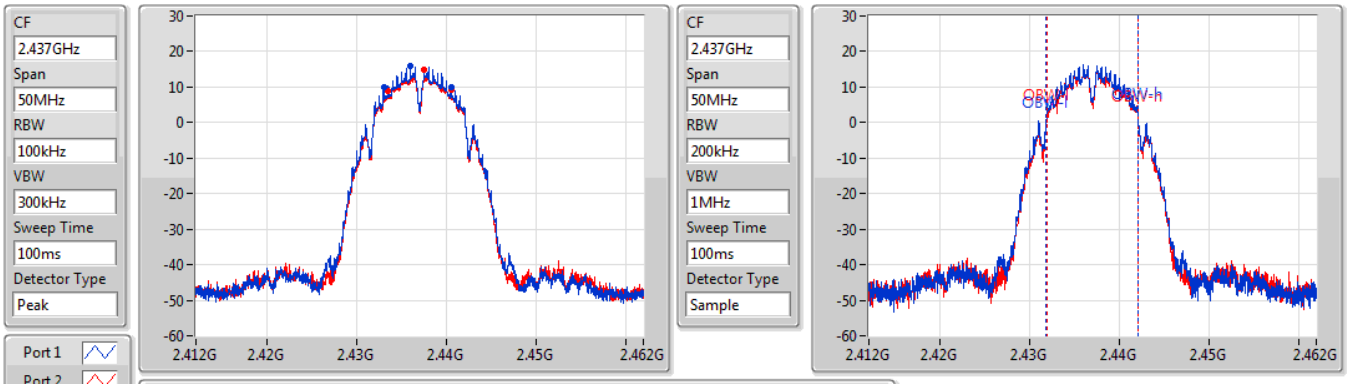
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.55M	2.4085G	2.41505G	10.345M	2.406803G	2.417147G	500k	1
7.025M	2.408475G	2.4155G	10.245M	2.406853G	2.417097G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

11/09/2019



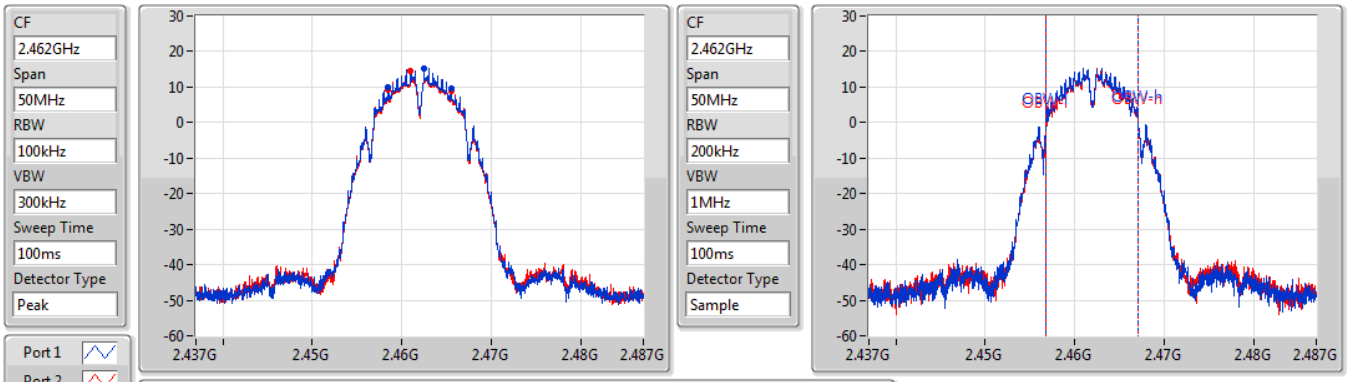
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.525M	2.433G	2.440525G	10.345M	2.431778G	2.442122G	500k	1
7.05M	2.433475G	2.440525G	10.27M	2.431853G	2.442122G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

11/09/2019



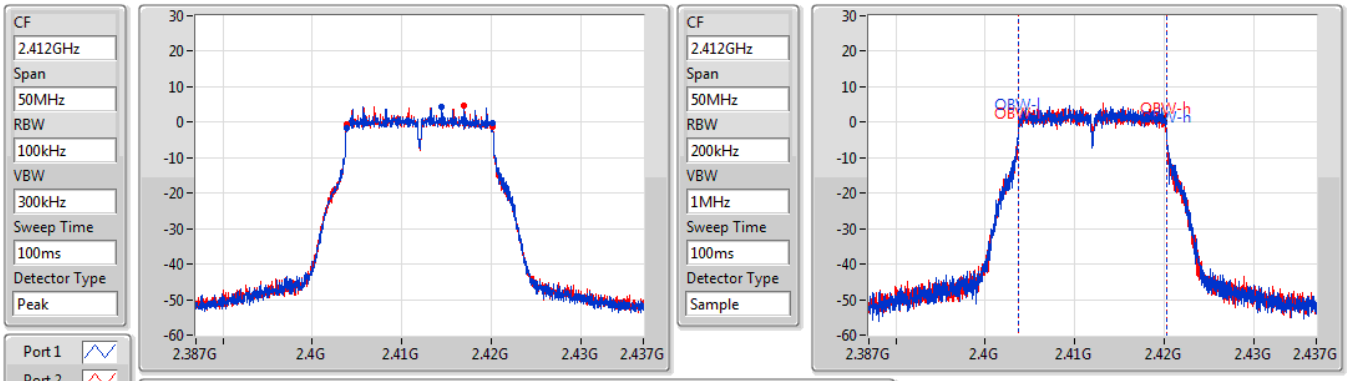
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.458475G	2.465525G	10.295M	2.456828G	2.467122G	500k	1
7M	2.4585G	2.4655G	10.295M	2.456828G	2.467122G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

11/09/2019



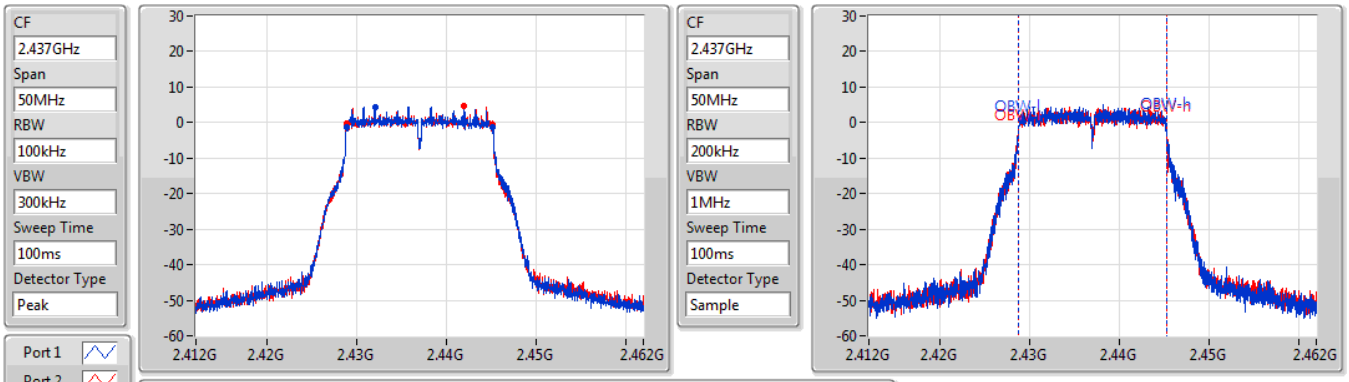
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.567M	2.403704G	2.420271G	500k	1
16.35M	2.403825G	2.420175G	16.567M	2.403679G	2.420246G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

11/09/2019



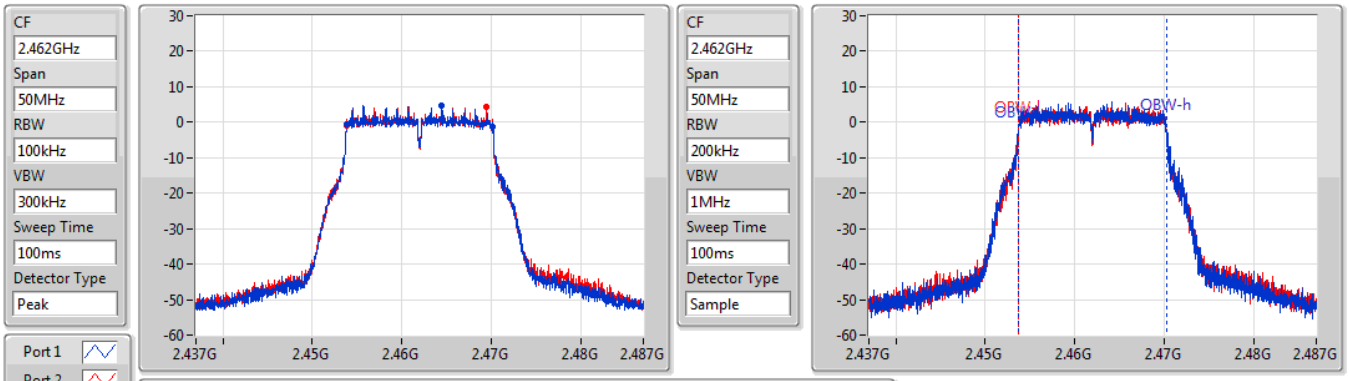
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.428825G	2.445175G	16.592M	2.428704G	2.445296G	500k	1
16.35M	2.428825G	2.445175G	16.567M	2.428679G	2.445246G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

11/09/2019



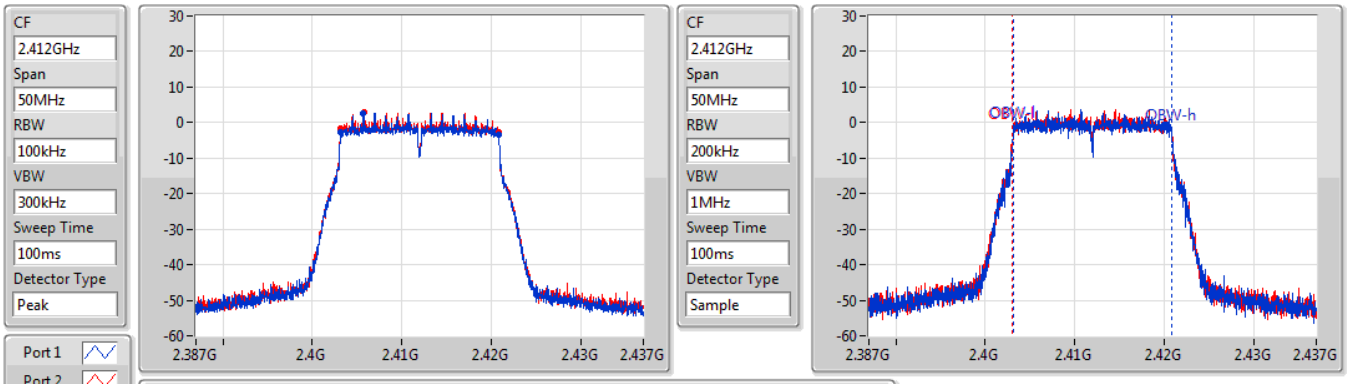
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.453825G	2.470175G	16.592M	2.453704G	2.470296G	500k	1
16.35M	2.453825G	2.470175G	16.567M	2.453704G	2.470271G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

12/09/2019



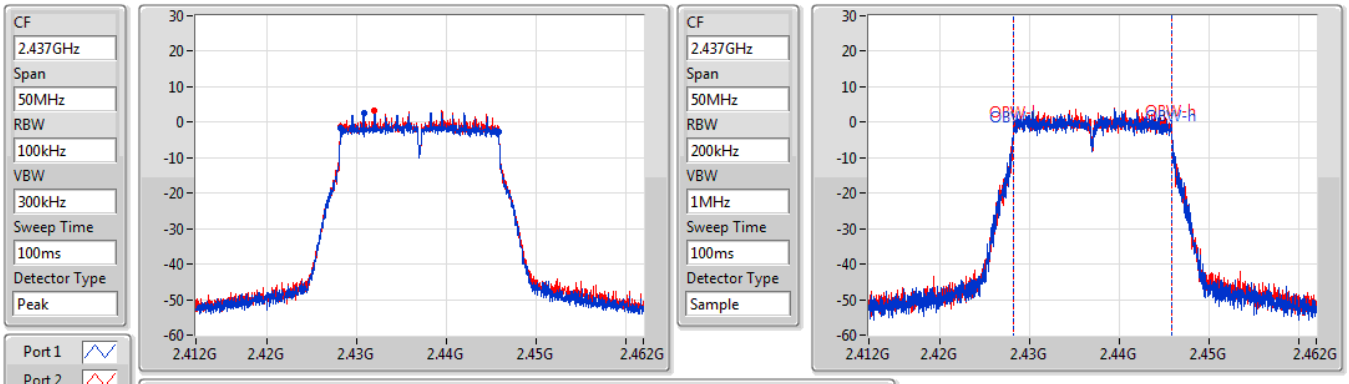
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.403225G	2.4208G	17.791M	2.403104G	2.420896G	500k	1
17.6M	2.4032G	2.4208G	17.791M	2.403079G	2.420871G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

12/09/2019



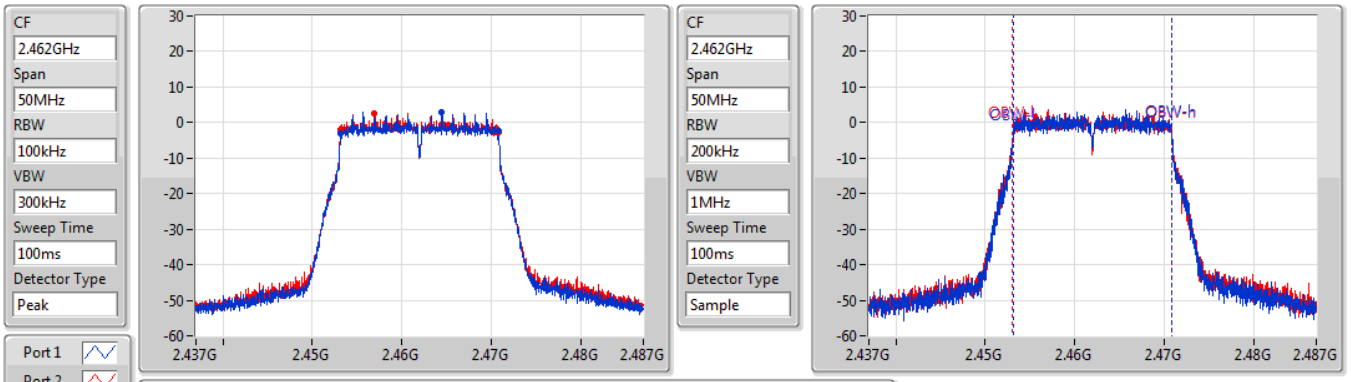
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	2.428225G	2.445775G	17.766M	2.428104G	2.445871G	500k	1
17.6M	2.4282G	2.4458G	17.766M	2.428104G	2.445871G	500k	2

VHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

12/09/2019



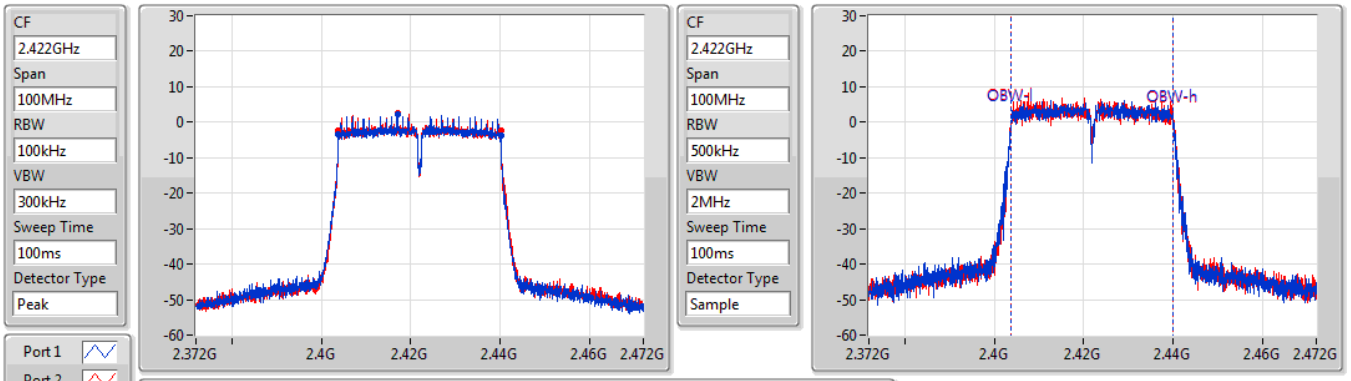
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.766M	2.453104G	2.470871G	500k	1
17.6M	2.4532G	2.4708G	17.766M	2.453079G	2.470846G	500k	2

VHT40_Nss1,(MCS0)_2TX

EBW

2422MHz

12/09/2019



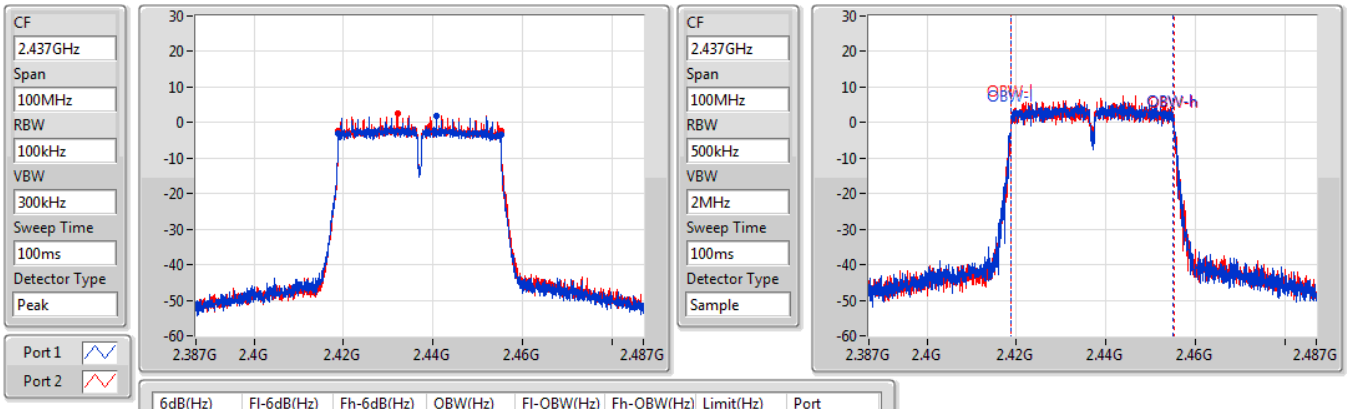
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.40385G	2.44015G	36.182M	2.403859G	2.440041G	500k	1
36.3M	2.40385G	2.44015G	36.232M	2.403859G	2.440091G	500k	2

VHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

12/09/2019



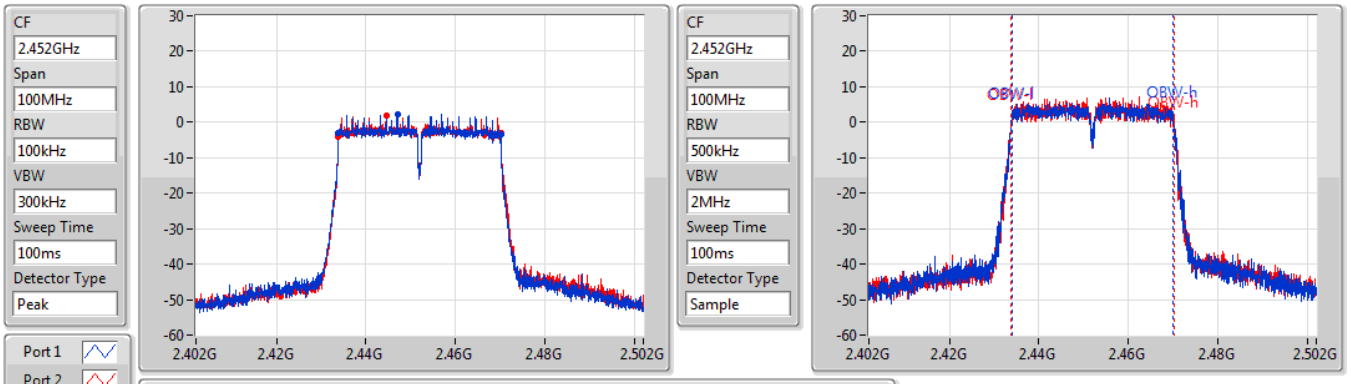
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.41885G	2.45515G	36.232M	2.418859G	2.455091G	500k	1
36.3M	2.41885G	2.45515G	36.332M	2.418809G	2.455141G	500k	2

VHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

12/09/2019



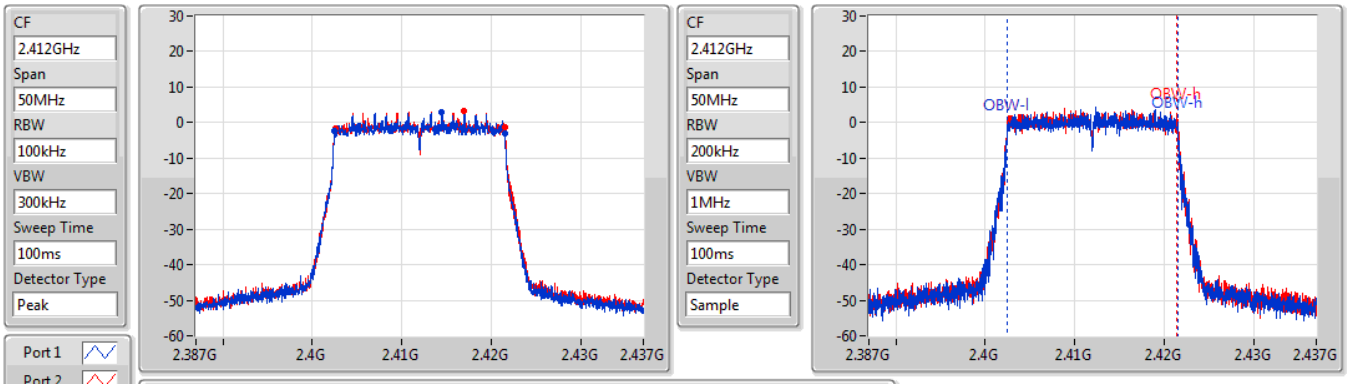
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.132M	2.433909G	2.470041G	500k	1
36.35M	2.4338G	2.47015G	36.282M	2.433859G	2.470141G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

11/09/2019



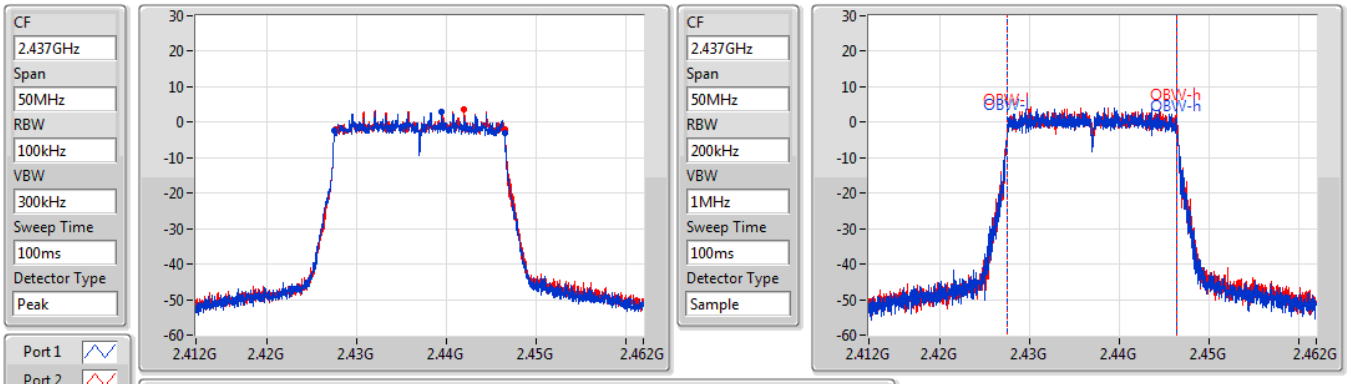
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.402525G	2.421475G	18.991M	2.402505G	2.421495G	500k	1
18.9M	2.402575G	2.421475G	18.991M	2.40248G	2.42147G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

11/09/2019



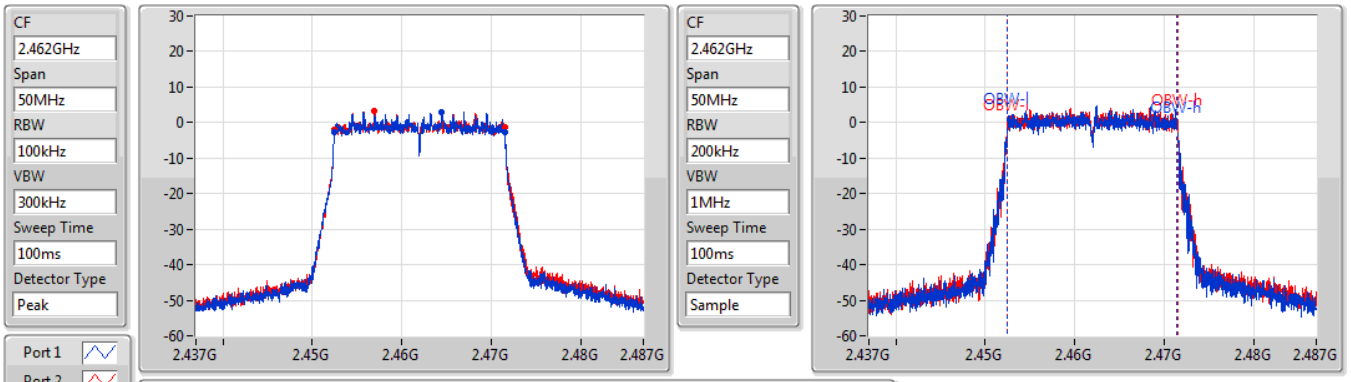
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	2.427525G	2.446475G	18.941M	2.427505G	2.446445G	500k	1
18.925M	2.427575G	2.4465G	18.966M	2.42748G	2.446445G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

11/09/2019



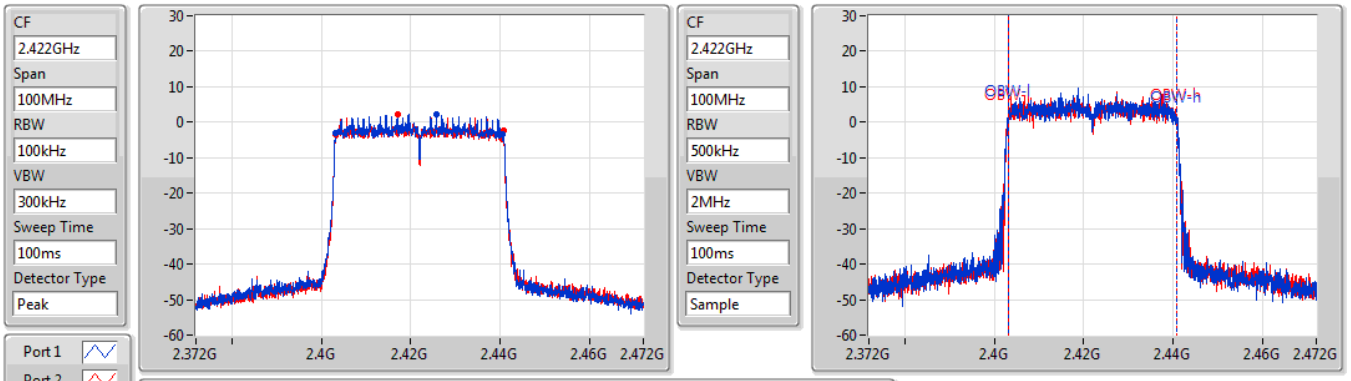
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4525G	2.471475G	18.966M	2.452505G	2.47147G	500k	1
18.95M	2.452525G	2.471475G	19.015M	2.45248G	2.471495G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

12/09/2019



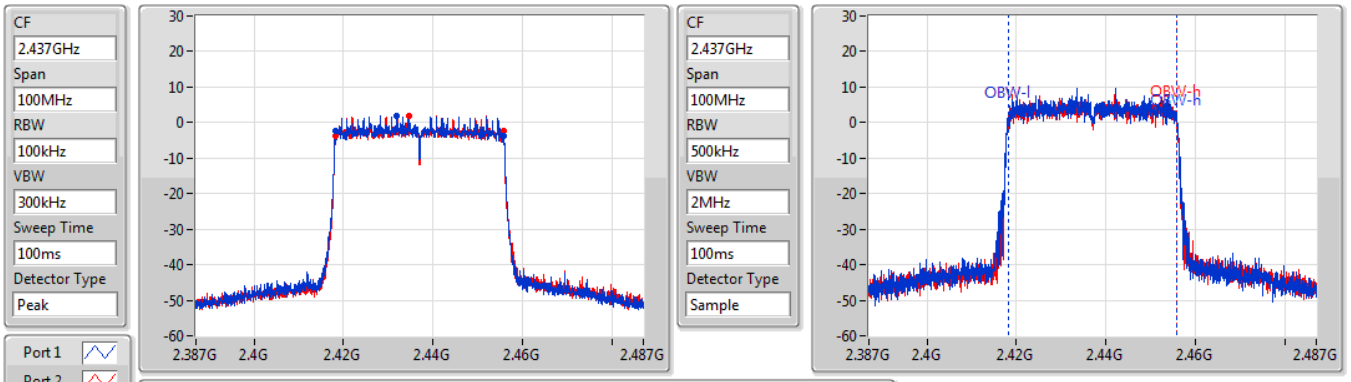
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.4M	2.4032G	2.4406G	37.581M	2.403159G	2.440741G	500k	1
37.5M	2.40325G	2.44075G	37.581M	2.403159G	2.440741G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

12/09/2019



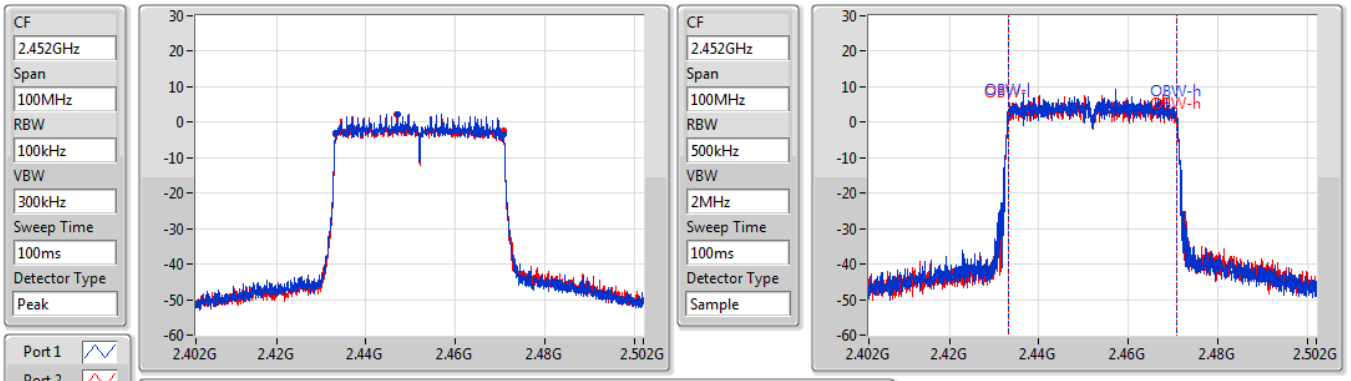
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4182G	2.4558G	37.481M	2.418259G	2.455741G	500k	1
37.6M	2.4182G	2.4558G	37.631M	2.418159G	2.455791G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

12/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4332G	2.4708G	37.681M	2.433109G	2.470791G	500k	1
37.6M	2.4332G	2.4708G	37.581M	2.433159G	2.470741G	500k	2

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)_2TX	17.6M	17.791M	17M8D1D	17.575M	17.716M
VHT40-BF_Nss1,(MCS0)_2TX	36.35M	36.282M	36M3D1D	36.3M	36.232M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.975M	19.015M	19M0D1D	18.875M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.65M	37.681M	37M7D1D	37.3M	37.481M

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)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.575M	17.741M	17.6M	17.791M
2437MHz	Pass	500k	17.575M	17.741M	17.575M	17.716M
2462MHz	Pass	500k	17.575M	17.766M	17.575M	17.766M
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	36.3M	36.232M	36.35M	36.282M
2437MHz	Pass	500k	36.35M	36.232M	36.35M	36.232M
2452MHz	Pass	500k	36.3M	36.282M	36.3M	36.232M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.925M	18.991M	18.875M	18.991M
2437MHz	Pass	500k	18.975M	18.991M	18.925M	18.966M
2462MHz	Pass	500k	18.975M	19.015M	18.975M	18.991M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.65M	37.581M	37.55M	37.581M
2437MHz	Pass	500k	37.65M	37.481M	37.3M	37.531M
2452MHz	Pass	500k	37.5M	37.681M	37.6M	37.581M

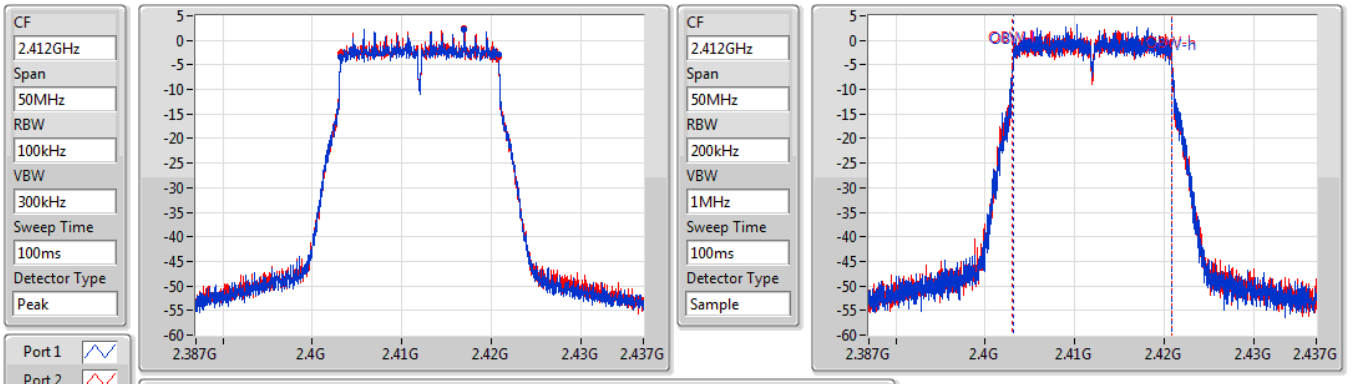
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

VHT20-BF_Nss1,(MCS0)_2TX

EBW

2412MHz

12/11/2019



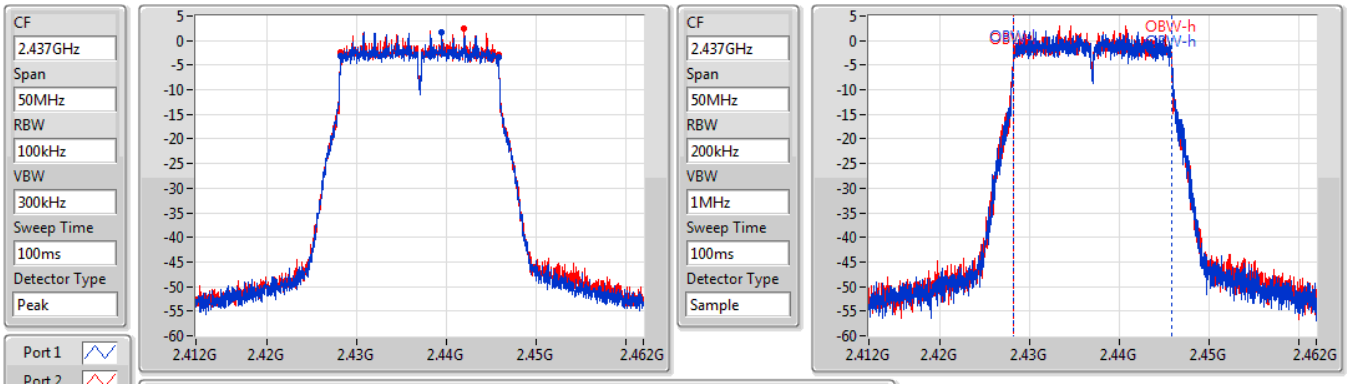
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4032G	2.420775G	17.741M	2.403129G	2.420871G	500k	1
17.6M	2.4032G	2.4208G	17.791M	2.403079G	2.420871G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

12/11/2019



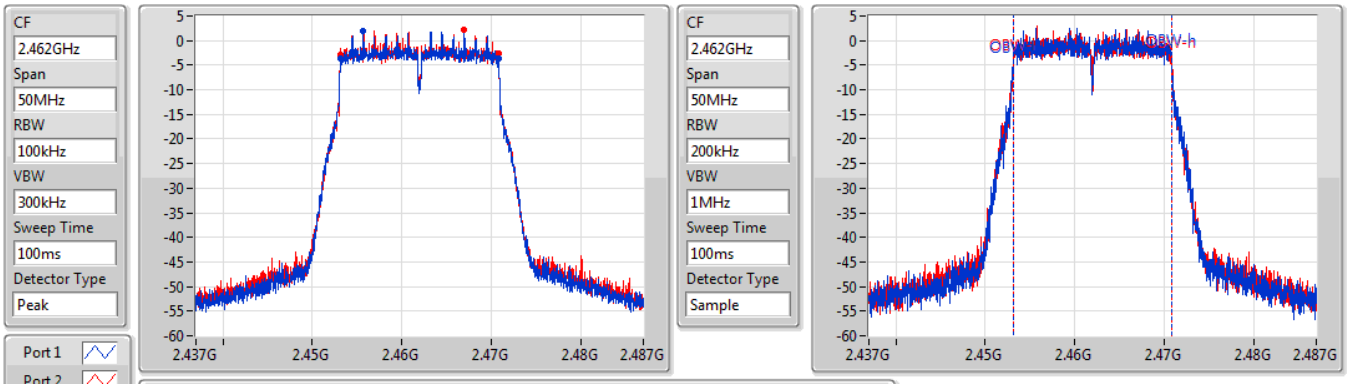
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4282G	2.445775G	17.741M	2.428129G	2.445871G	500k	1
17.575M	2.4282G	2.445775G	17.716M	2.428104G	2.445821G	500k	2

VHT20-BF_Nss1,(MCS0)_2TX

EBW

2462MHz

12/11/2019



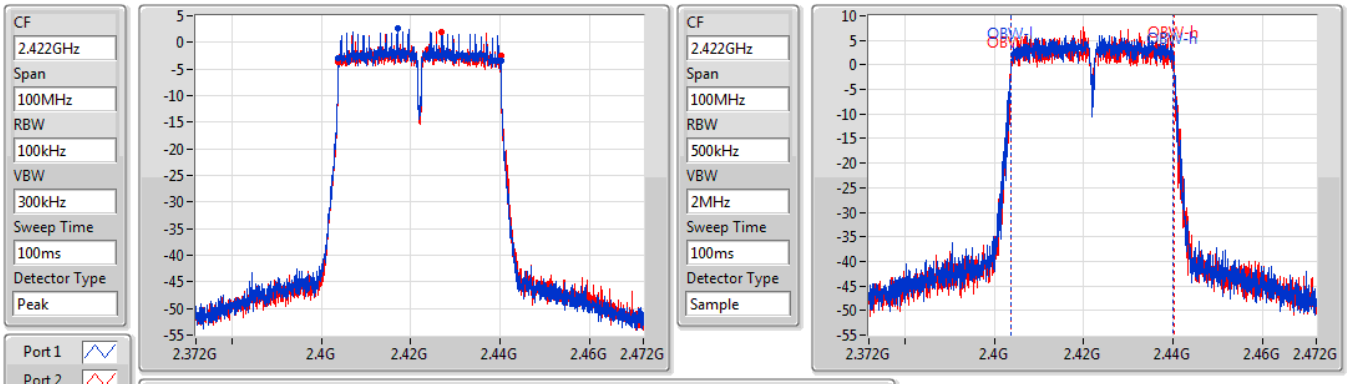
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	2.4532G	2.470775G	17.766M	2.453104G	2.470871G	500k	1
17.575M	2.4532G	2.470775G	17.766M	2.453104G	2.470871G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX

EBW

2422MHz

12/11/2019



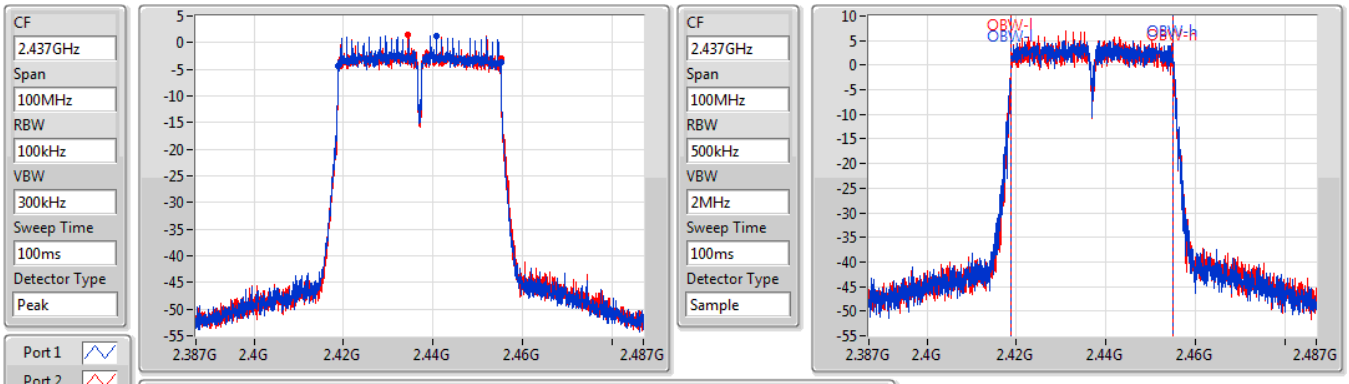
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.40385G	2.44015G	36.232M	2.403859G	2.440091G	500k	1
36.35M	2.4038G	2.44015G	36.282M	2.403859G	2.440141G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

12/11/2019



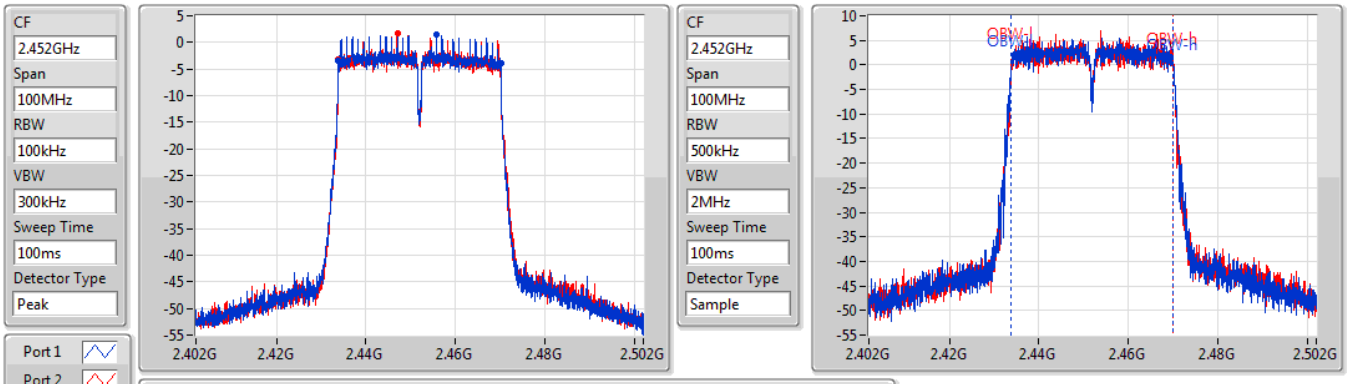
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4188G	2.45515G	36.232M	2.418859G	2.455091G	500k	1
36.35M	2.4188G	2.45515G	36.232M	2.418859G	2.455091G	500k	2

VHT40-BF_Nss1,(MCS0)_2TX

EBW

2452MHz

12/11/2019



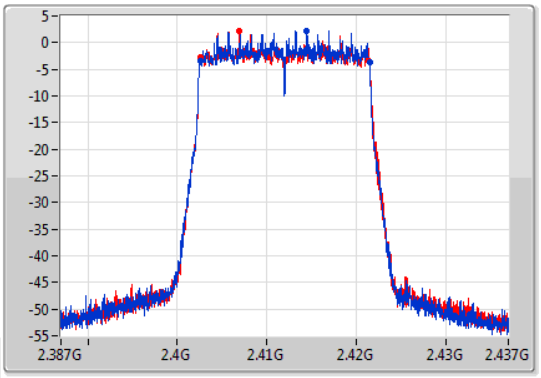
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	2.43385G	2.47015G	36.282M	2.433809G	2.470091G	500k	1
36.3M	2.43385G	2.47015G	36.232M	2.433859G	2.470091G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

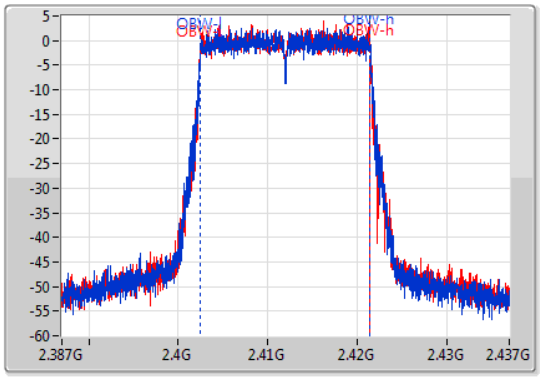
2412MHz

11/11/2019

CF	2.412GHz
Span	50MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	2.412GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1

Port 2

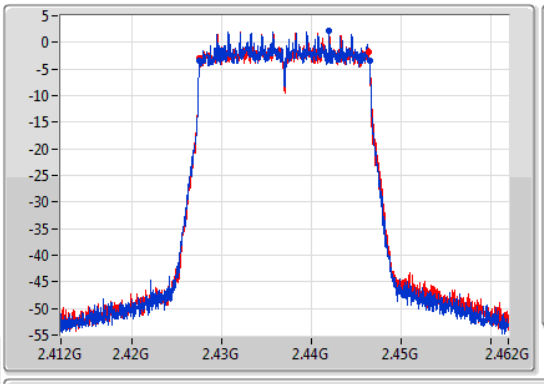
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.40255G	2.421475G	18.991M	2.40248G	2.42147G	500k	1
18.875M	2.402575G	2.42145G	18.991M	2.40248G	2.42147G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

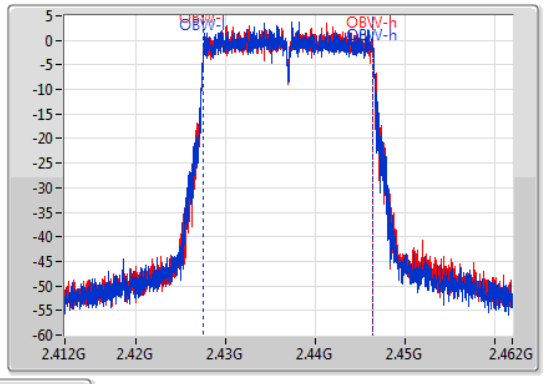
2437MHz

11/11/2019

CF	2.437GHz
Span	50MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	2.437GHz
Span	50MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1

Port 2

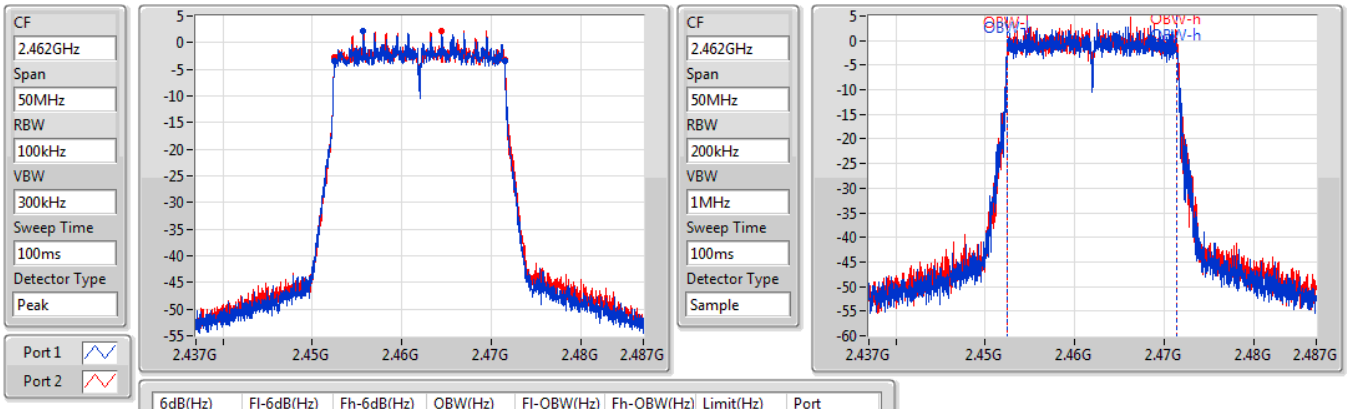
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4275G	2.446475G	18.991M	2.42748G	2.44647G	500k	1
18.925M	2.427525G	2.44645G	18.966M	2.427505G	2.44647G	500k	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

2462MHz

11/11/2019



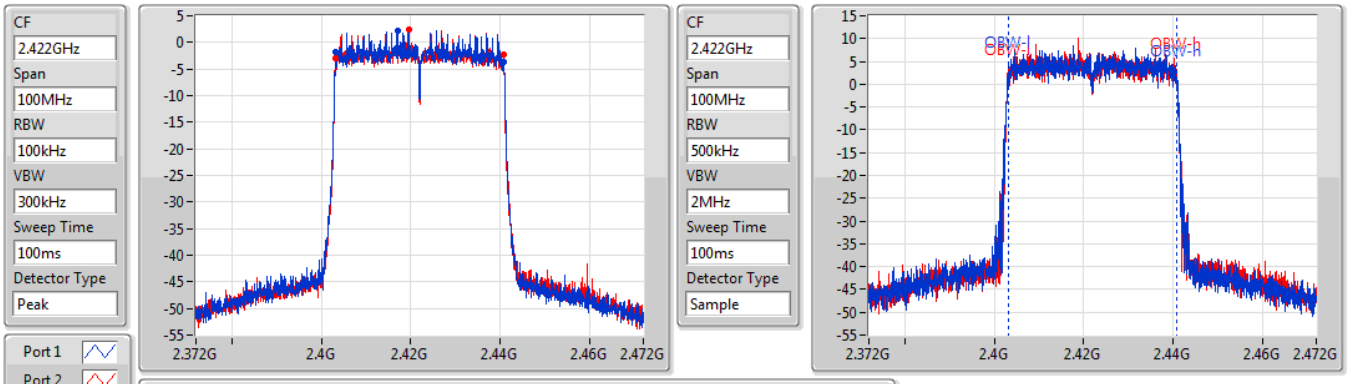
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4525G	2.471475G	19.015M	2.452455G	2.47147G	500k	1
18.975M	2.452525G	2.4715G	18.991M	2.45248G	2.47147G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2422MHz

12/11/2019



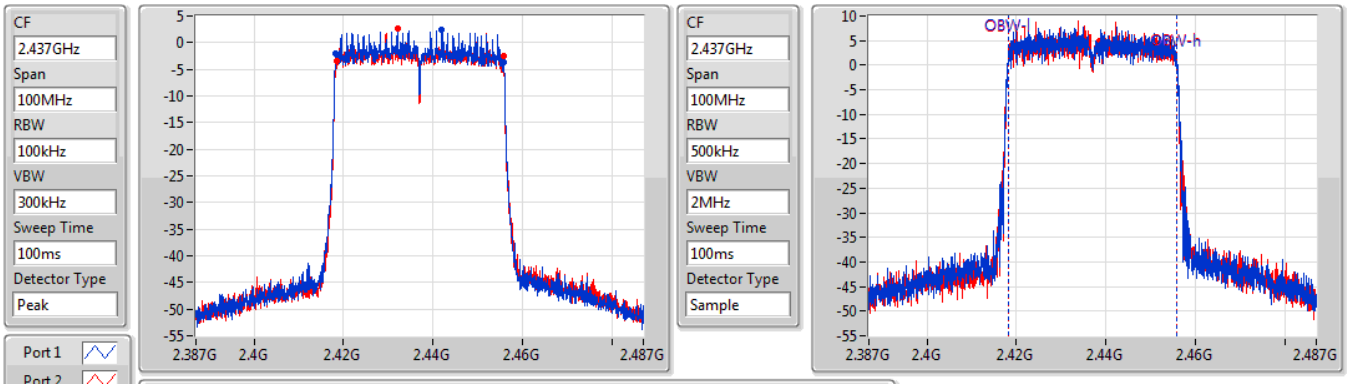
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.4032G	2.44085G	37.581M	2.403159G	2.440741G	500k	1
37.55M	2.40325G	2.4408G	37.581M	2.403159G	2.440741G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

12/11/2019



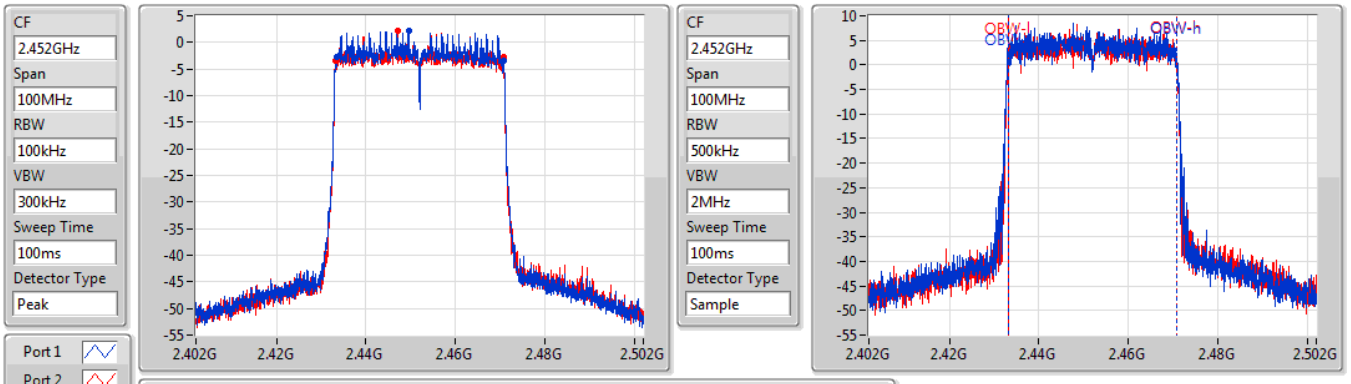
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.4182G	2.45585G	37.481M	2.418209G	2.455691G	500k	1
37.3M	2.4185G	2.4558G	37.531M	2.418209G	2.455741G	500k	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

2452MHz

12/11/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.43335G	2.47085G	37.681M	2.433109G	2.470791G	500k	1
37.6M	2.4332G	2.4708G	37.581M	2.433159G	2.470741G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.66	0.92470
802.11g_Nss1,(6Mbps)_2TX	29.94	0.98628
VHT20_Nss1,(MCS0)_2TX	29.98	0.99541
VHT40_Nss1,(MCS0)_2TX	29.77	0.94842
802.11ax HEW20_Nss1,(MCS0)_2TX	29.93	0.98401
802.11ax HEW40_Nss1,(MCS0)_2TX	29.90	0.97724

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.04	26.58	25.96	29.29	30.00
2422MHz	Pass	4.04	25.91	25.37	28.66	30.00
2437MHz	Pass	4.04	26.80	26.49	29.66	30.00
2452MHz	Pass	4.04	25.79	24.98	28.41	30.00
2462MHz	Pass	4.04	25.99	25.52	28.77	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.04	26.76	26.93	29.86	30.00
2417MHz	Pass	4.04	26.73	26.91	29.83	30.00
2422MHz	Pass	4.04	26.74	26.79	29.78	30.00
2437MHz	Pass	4.04	26.88	26.97	29.94	30.00
2452MHz	Pass	4.04	26.77	26.86	29.83	30.00
2457MHz	Pass	4.04	26.80	26.89	29.86	30.00
2462MHz	Pass	4.04	26.81	26.85	29.84	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.04	26.86	26.67	29.78	30.00
2417MHz	Pass	4.04	26.82	27.02	29.93	30.00
2422MHz	Pass	4.04	26.76	26.80	29.79	30.00
2437MHz	Pass	4.04	26.93	27.00	29.98	30.00
2452MHz	Pass	4.04	26.78	26.82	29.81	30.00
2457MHz	Pass	4.04	26.88	26.70	29.80	30.00
2462MHz	Pass	4.04	26.81	26.98	29.91	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.04	26.83	26.63	29.74	30.00
2437MHz	Pass	4.04	26.78	26.74	29.77	30.00
2452MHz	Pass	4.04	26.79	26.56	29.69	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.04	26.66	27.10	29.90	30.00
2417MHz	Pass	4.04	26.58	27.06	29.84	30.00
2422MHz	Pass	4.04	26.56	27.04	29.82	30.00
2437MHz	Pass	4.04	26.73	27.11	29.93	30.00
2452MHz	Pass	4.04	26.75	27.05	29.91	30.00
2457MHz	Pass	4.04	26.81	26.90	29.87	30.00
2462MHz	Pass	4.04	26.85	26.86	29.87	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.04	26.89	26.77	29.84	30.00
2437MHz	Pass	4.04	26.90	26.87	29.90	30.00
2452MHz	Pass	4.04	26.98	26.77	29.89	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)_2TX	27.70	0.58884
VHT40-BF_Nss1,(MCS0)_2TX	29.98	0.99541
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	29.98	0.99541
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	29.95	0.98855

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	24.63	24.61	27.63	30.00
2417MHz	Pass	3.94	24.43	24.53	27.49	30.00
2422MHz	Pass	3.94	24.32	24.58	27.46	30.00
2437MHz	Pass	3.94	24.41	24.52	27.48	30.00
2452MHz	Pass	3.94	24.28	24.13	27.22	30.00
2457MHz	Pass	3.94	24.40	24.96	27.70	30.00
2462MHz	Pass	3.94	24.51	24.44	27.49	30.00
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.94	27.03	26.91	29.98	30.00
2437MHz	Pass	3.94	26.92	26.84	29.89	30.00
2452MHz	Pass	3.94	27.13	26.59	29.88	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	26.82	27.08	29.96	30.00
2417MHz	Pass	3.94	27.10	26.84	29.98	30.00
2422MHz	Pass	3.94	26.73	27.04	29.90	30.00
2437MHz	Pass	3.94	26.80	26.85	29.84	30.00
2452MHz	Pass	3.94	26.72	26.97	29.86	30.00
2457MHz	Pass	3.94	26.82	26.67	29.76	30.00
2462MHz	Pass	3.94	26.84	26.76	29.81	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.94	27.16	26.71	29.95	30.00
2437MHz	Pass	3.94	27.05	26.69	29.88	30.00
2452MHz	Pass	3.94	27.43	26.37	29.94	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.39	0.43551
802.11g_Nss1,(6Mbps)_2TX	19.28	0.08472
VHT20_Nss1,(MCS0)_2TX	20.19	0.10447
VHT40_Nss1,(MCS0)_2TX	19.63	0.09183
802.11ax HEW20_Nss1,(MCS0)_2TX	18.12	0.06486
802.11ax HEW40_Nss1,(MCS0)_2TX	19.88	0.09727

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.04	23.36	22.71	26.06	30.00
2422MHz	Pass	4.04	22.70	22.12	25.43	30.00
2437MHz	Pass	4.04	23.63	23.11	26.39	30.00
2452MHz	Pass	4.04	22.42	21.83	25.15	30.00
2462MHz	Pass	4.04	22.78	22.33	25.57	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.04	16.08	16.15	19.13	30.00
2417MHz	Pass	4.04	16.09	16.20	19.16	30.00
2422MHz	Pass	4.04	16.07	16.08	19.09	30.00
2437MHz	Pass	4.04	16.24	16.21	19.24	30.00
2452MHz	Pass	4.04	16.21	16.31	19.27	30.00
2457MHz	Pass	4.04	16.24	16.29	19.28	30.00
2462MHz	Pass	4.04	16.16	16.21	19.20	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.04	17.06	17.28	20.18	30.00
2417MHz	Pass	4.04	17.17	17.19	20.19	30.00
2422MHz	Pass	4.04	17.02	17.18	20.11	30.00
2437MHz	Pass	4.04	16.93	17.02	19.99	30.00
2452MHz	Pass	4.04	17.21	17.15	20.19	30.00
2457MHz	Pass	4.04	16.98	17.23	20.12	30.00
2462MHz	Pass	4.04	17.15	17.17	20.17	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.04	16.66	16.56	19.62	30.00
2437MHz	Pass	4.04	16.66	16.57	19.63	30.00
2452MHz	Pass	4.04	16.72	16.52	19.63	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.04	14.70	15.20	17.97	30.00
2417MHz	Pass	4.04	14.64	15.10	17.89	30.00
2422MHz	Pass	4.04	14.63	15.06	17.86	30.00
2437MHz	Pass	4.04	14.84	15.29	18.08	30.00
2452MHz	Pass	4.04	15.01	15.21	18.12	30.00
2457MHz	Pass	4.04	14.95	15.05	18.01	30.00
2462MHz	Pass	4.04	14.98	15.09	18.05	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.04	16.81	16.76	19.80	30.00
2437MHz	Pass	4.04	16.93	16.81	19.88	30.00
2452MHz	Pass	4.04	16.87	16.82	19.86	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)_2TX	17.81	0.06039
VHT40-BF_Nss1,(MCS0)_2TX	19.95	0.09886
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.11	0.06471
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.83	0.12106

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	14.70	14.90	17.81	30.00
2417MHz	Pass	3.94	14.57	14.80	17.70	30.00
2422MHz	Pass	3.94	14.51	14.79	17.66	30.00
2437MHz	Pass	3.94	14.74	14.78	17.77	30.00
2452MHz	Pass	3.94	14.47	14.74	17.62	30.00
2457MHz	Pass	3.94	14.56	14.71	17.65	30.00
2462MHz	Pass	3.94	14.66	14.79	17.74	30.00
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.94	17.04	16.83	19.95	30.00
2437MHz	Pass	3.94	17.08	16.78	19.94	30.00
2452MHz	Pass	3.94	16.85	16.81	19.84	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	15.08	15.12	18.11	30.00
2417MHz	Pass	3.94	14.95	15.16	18.07	30.00
2422MHz	Pass	3.94	14.95	15.13	18.05	30.00
2437MHz	Pass	3.94	14.94	15.11	18.04	30.00
2452MHz	Pass	3.94	14.81	15.17	18.00	30.00
2457MHz	Pass	3.94	14.83	15.11	17.98	30.00
2462MHz	Pass	3.94	14.78	15.06	17.93	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.94	18.04	17.58	20.83	30.00
2437MHz	Pass	3.94	17.69	17.55	20.63	30.00
2452MHz	Pass	3.94	17.60	17.37	20.50	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	2.94
802.11g_Nss1,(6Mbps)_2TX	-7.02
VHT20_Nss1,(MCS0)_2TX	-5.84
VHT40_Nss1,(MCS0)_2TX	-9.36
802.11ax HEW20_Nss1,(MCS0)_2TX	-7.31
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.67

RBW=3 kHz.

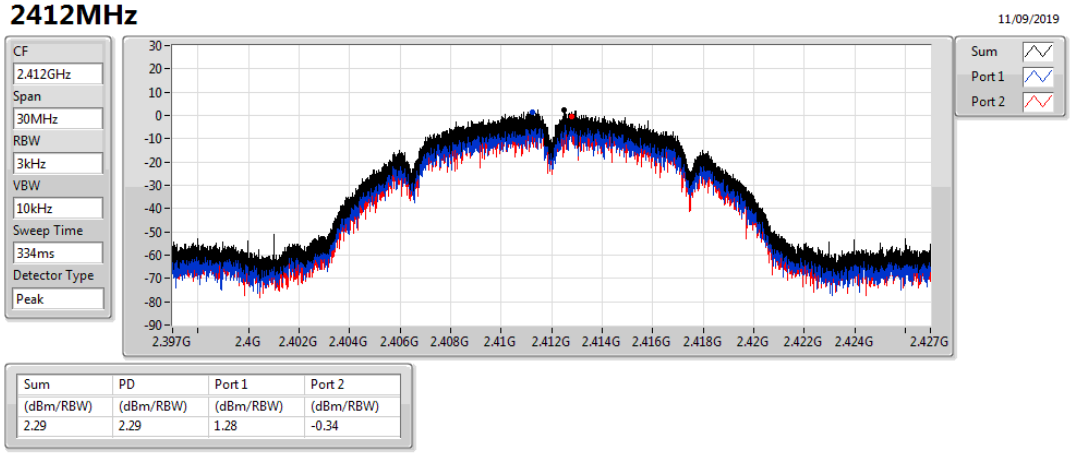
Result

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	3.94	1.28	-0.34	2.29	8.00
2437MHz	Pass	3.94	1.75	0.75	2.94	8.00
2462MHz	Pass	3.94	0.93	0.06	2.03	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	-9.89	-9.93	-7.26	8.00
2437MHz	Pass	3.94	-10.02	-8.35	-7.02	8.00
2462MHz	Pass	3.94	-10.02	-9.98	-7.24	8.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	-9.18	-8.72	-6.89	8.00
2437MHz	Pass	3.94	-8.62	-9.00	-5.84	8.00
2462MHz	Pass	3.94	-8.67	-9.53	-6.09	8.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.94	-10.78	-11.82	-9.55	8.00
2437MHz	Pass	3.94	-12.91	-10.70	-10.16	8.00
2452MHz	Pass	3.94	-11.41	-11.63	-9.36	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	-10.57	-10.08	-7.31	8.00
2437MHz	Pass	3.94	-12.13	-10.35	-10.12	8.00
2462MHz	Pass	3.94	-10.00	-11.69	-9.33	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.94	-12.50	-13.20	-9.84	8.00
2437MHz	Pass	3.94	-12.84	-12.30	-10.20	8.00
2452MHz	Pass	3.94	-12.08	-13.06	-9.67	8.00

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

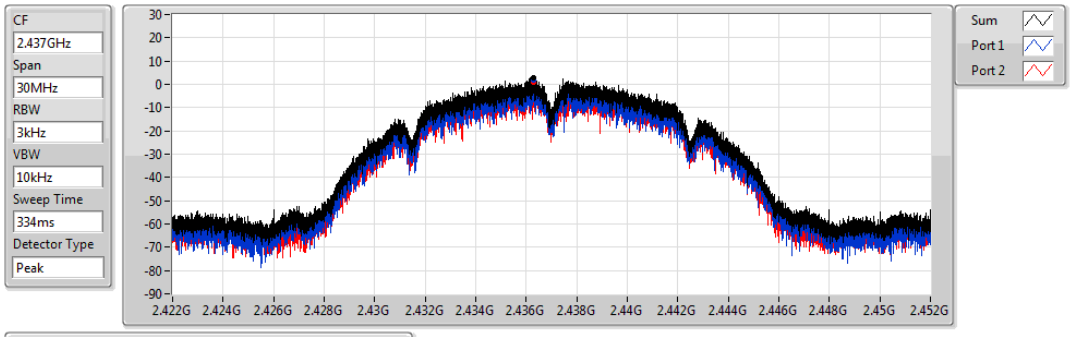
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.29	2.29	1.28	-0.34

802.11b_Nss1,(1Mbps)_2TX PSD

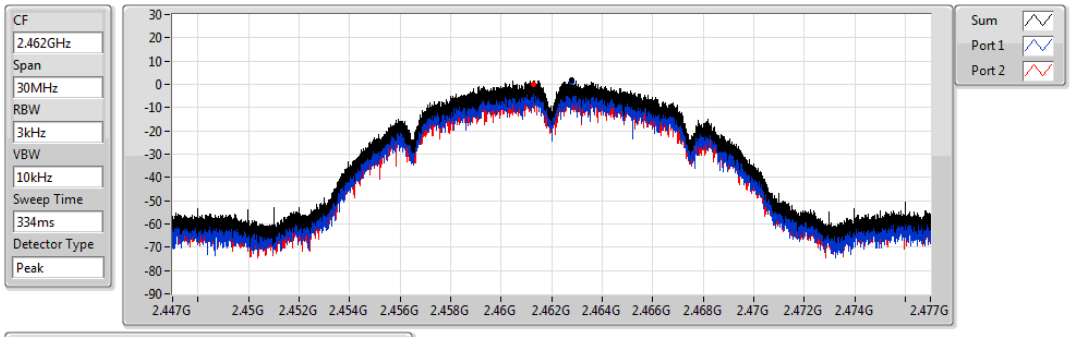
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	1.75	0.75

802.11b_Nss1,(1Mbps)_2TX PSD

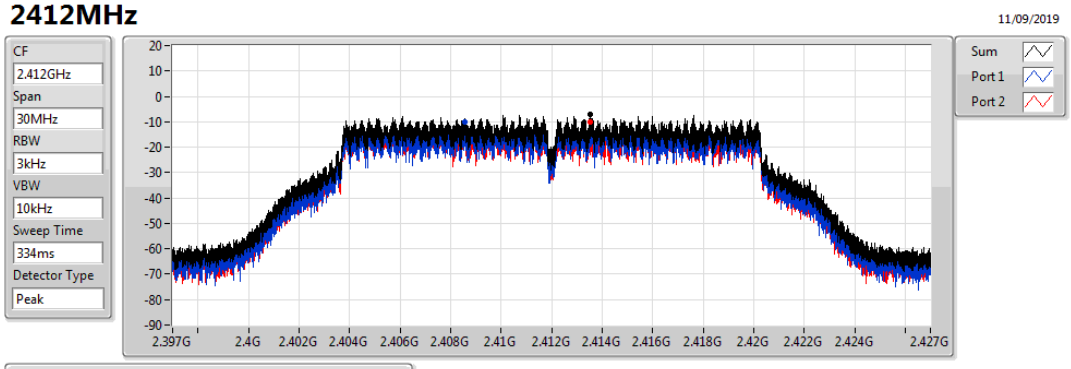
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.03	2.03	0.93	0.06

802.11g_Nss1,(6Mbps)_2TX PSD

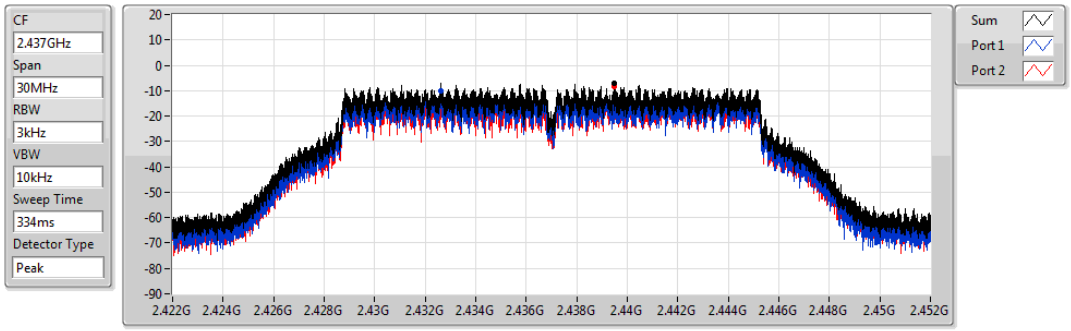
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.26	-7.26	-9.89	-9.93

802.11g_Nss1,(6Mbps)_2TX PSD

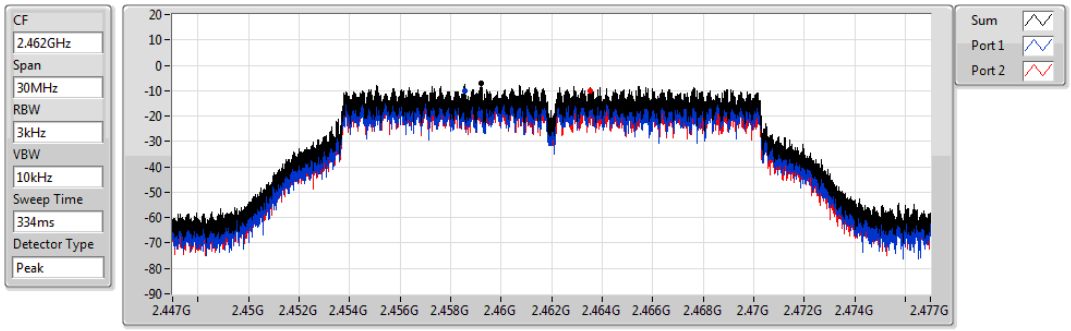
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.02	-7.02	-10.02	-8.35

802.11g_Nss1,(6Mbps)_2TX PSD

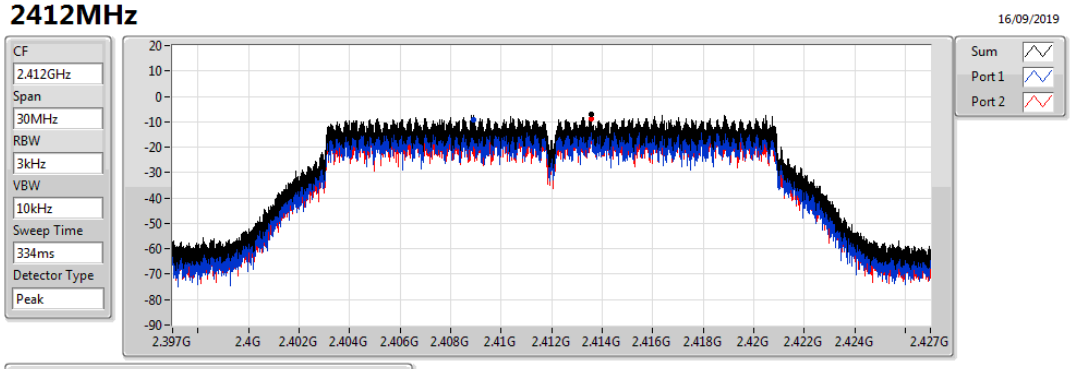
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.24	-7.24	-10.02	-9.98

VHT20_Nss1,(MCS0)_2TX PSD

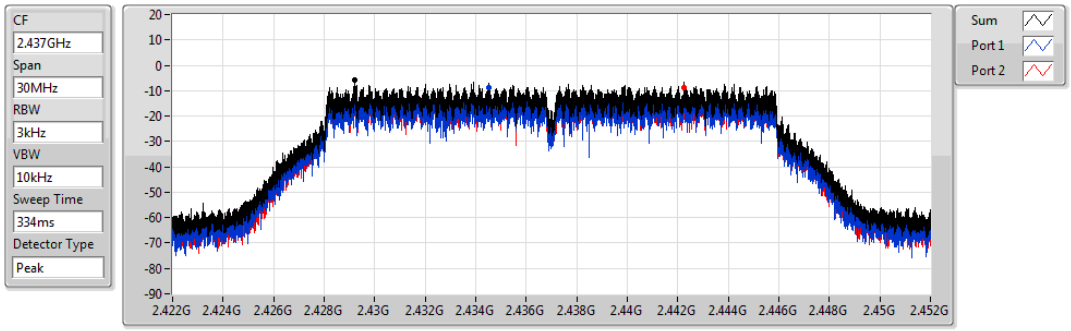
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.89	-6.89	-9.18	-8.72

VHT20_Nss1,(MCS0)_2TX PSD

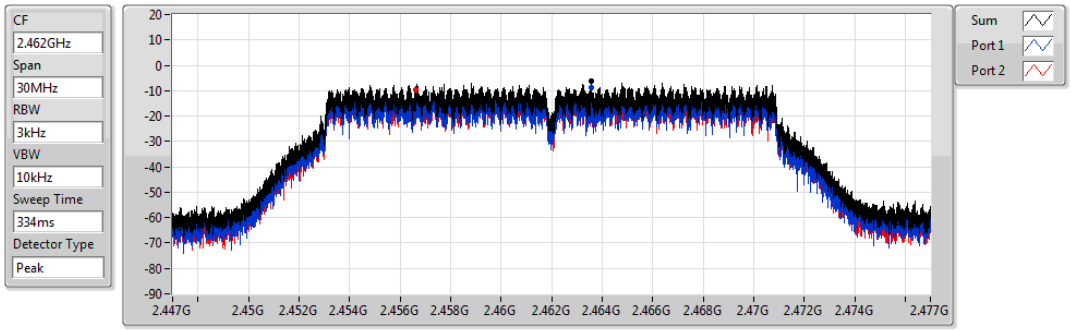
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.84	-5.84	-8.62	-9.00

VHT20_Nss1,(MCS0)_2TX PSD

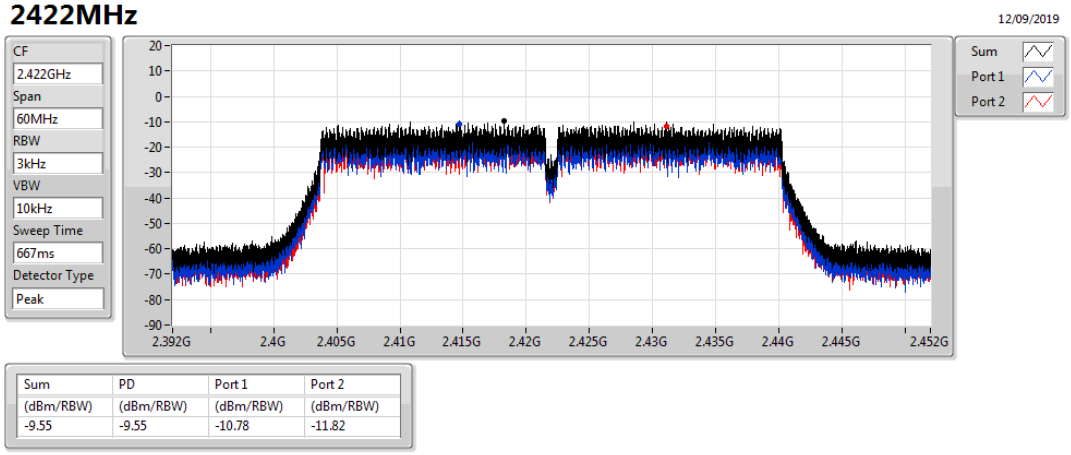
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.09	-6.09	-8.67	-9.53

VHT40_Nss1,(MCS0)_2TX **PSD**

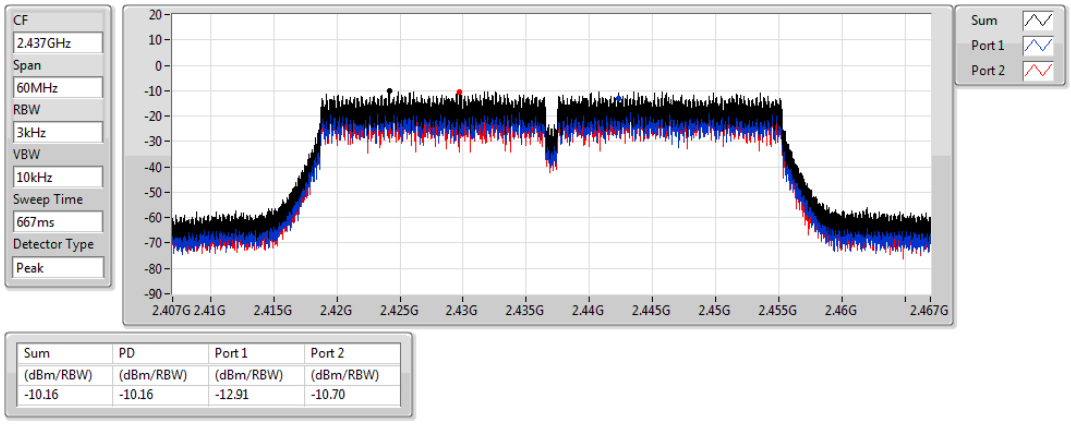
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.55	-9.55	-10.78	-11.82

VHT40_Nss1,(MCS0)_2TX **PSD**

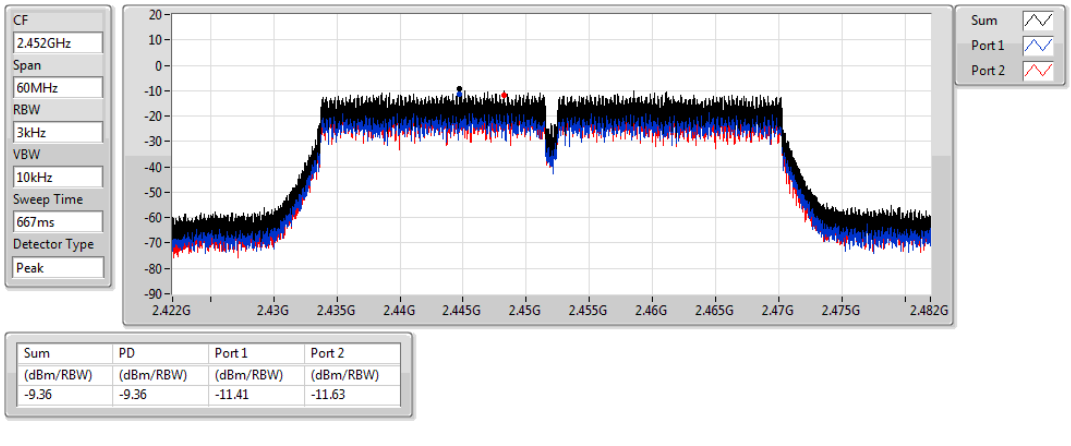
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.16	-10.16	-12.91	-10.70

VHT40_Nss1,(MCS0)_2TX **PSD**

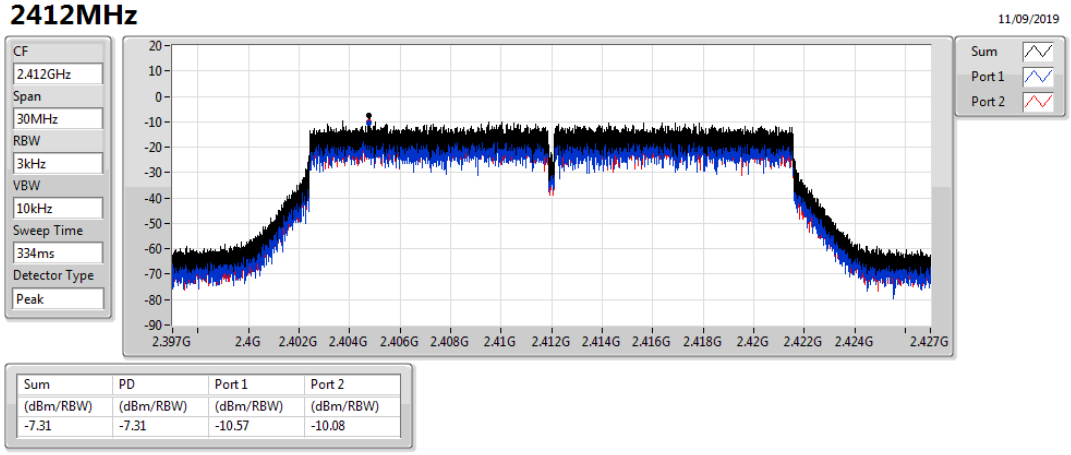
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.36	-9.36	-11.41	-11.63

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

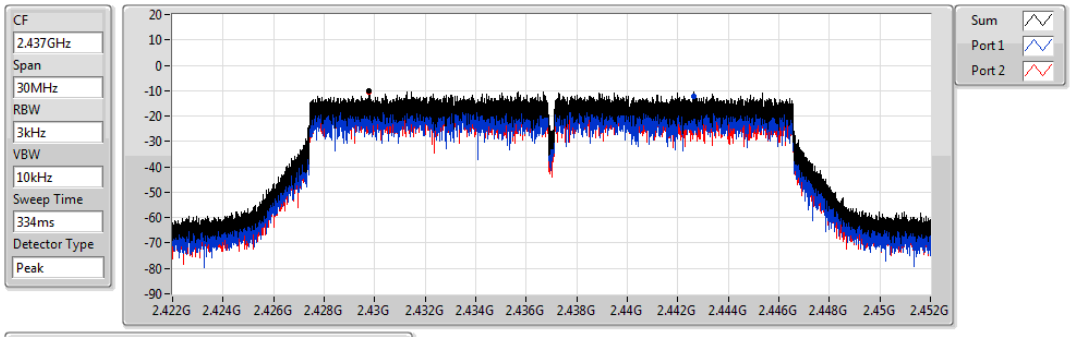
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.31	-7.31	-10.57	-10.08

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

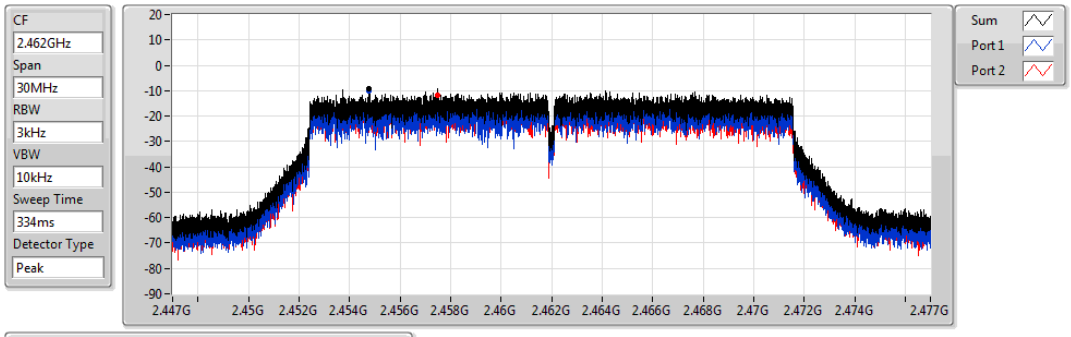
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.12	-10.12	-12.13	-10.35

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

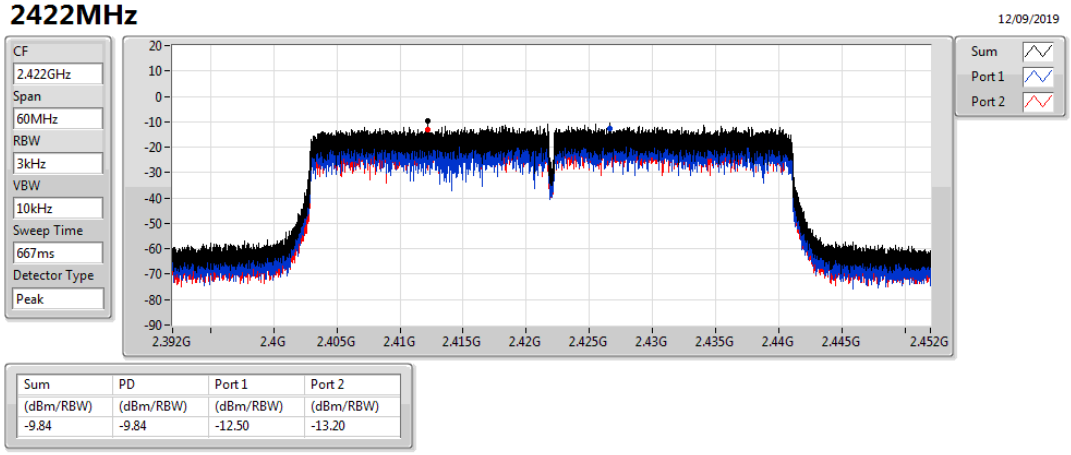
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.33	-9.33	-10.00	-11.69

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

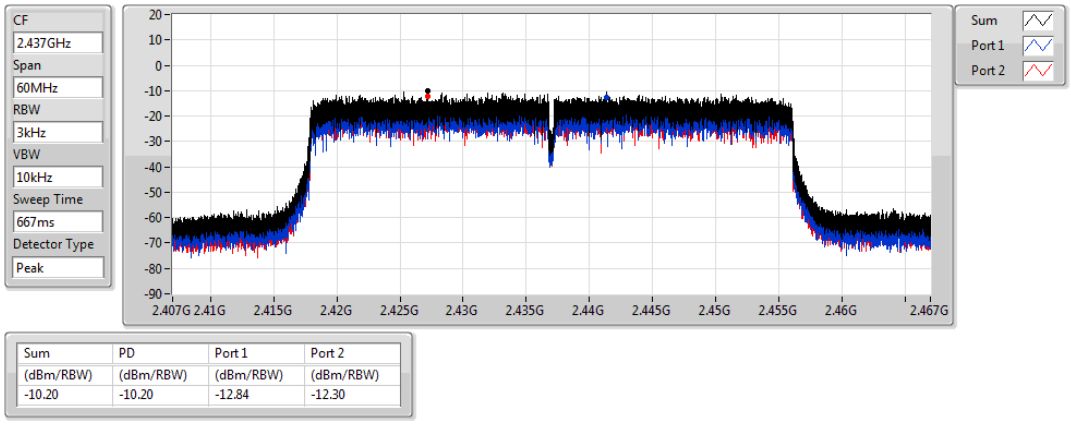
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.84	-9.84	-12.50	-13.20

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

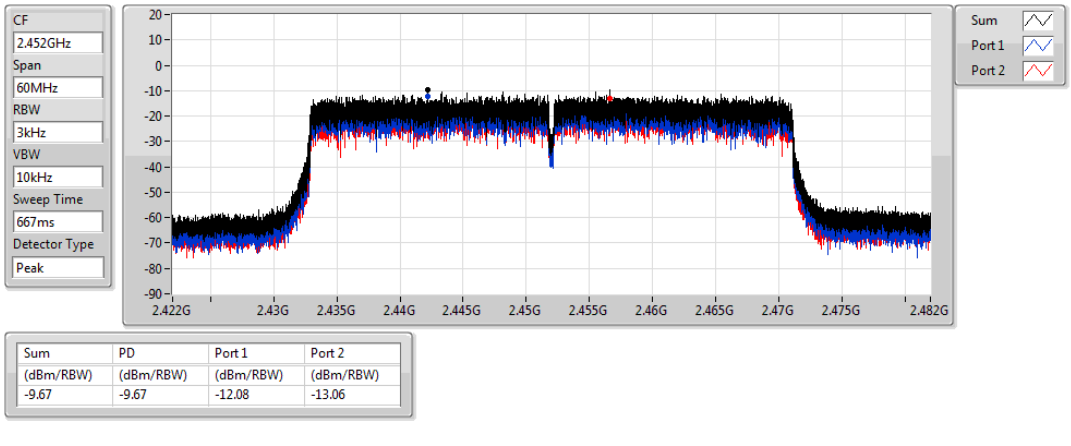
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.20	-10.20	-12.84	-12.30

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.67	-9.67	-12.08	-13.06

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
VHT20-BF_Nss1,(MCS0)_2TX	-9.34
VHT40-BF_Nss1,(MCS0)_2TX	-7.66
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-7.45
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-9.01

RBW=3 kHz.

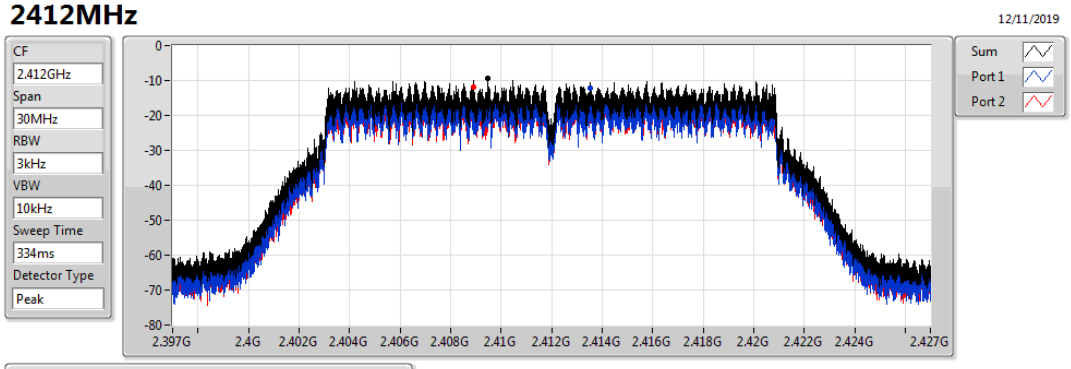
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	-12.25	-11.95	-9.34	8.00
2437MHz	Pass	3.94	-12.42	-12.36	-9.80	8.00
2462MHz	Pass	3.94	-12.82	-11.71	-9.76	8.00
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.94	-10.55	-10.80	-7.66	8.00
2437MHz	Pass	3.94	-11.38	-11.64	-8.51	8.00
2452MHz	Pass	3.94	-13.07	-12.97	-10.38	8.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.94	-10.69	-10.24	-7.45	8.00
2437MHz	Pass	3.94	-11.64	-10.32	-7.92	8.00
2462MHz	Pass	3.94	-10.83	-10.14	-7.46	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	3.94	-11.72	-12.24	-9.01	8.00
2437MHz	Pass	3.94	-12.00	-12.29	-9.43	8.00
2452MHz	Pass	3.94	-12.14	-12.26	-9.39	8.00

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;

VHT20-BF_Nss1,(MCS0)_2TX PSD

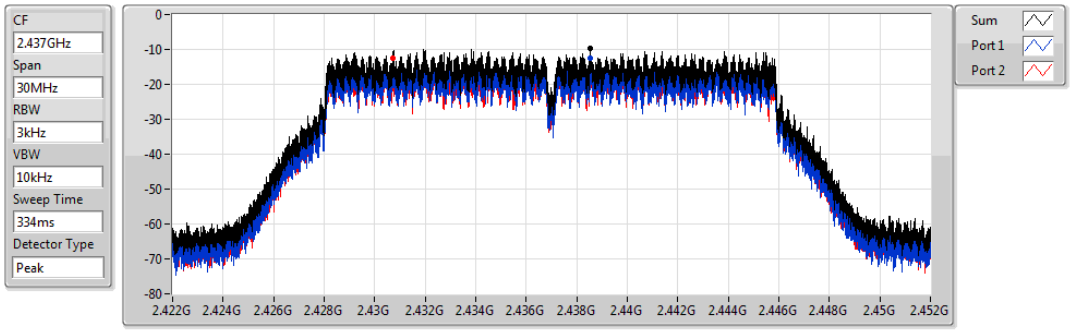
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.34	-9.34	-12.25	-11.95

VHT20-BF_Nss1,(MCS0)_2TX PSD

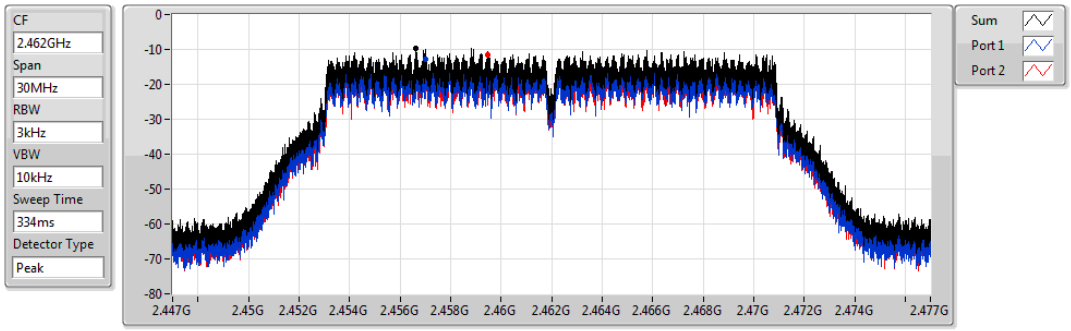
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.80	-9.80	-12.42	-12.36

VHT20-BF_Nss1,(MCS0)_2TX PSD

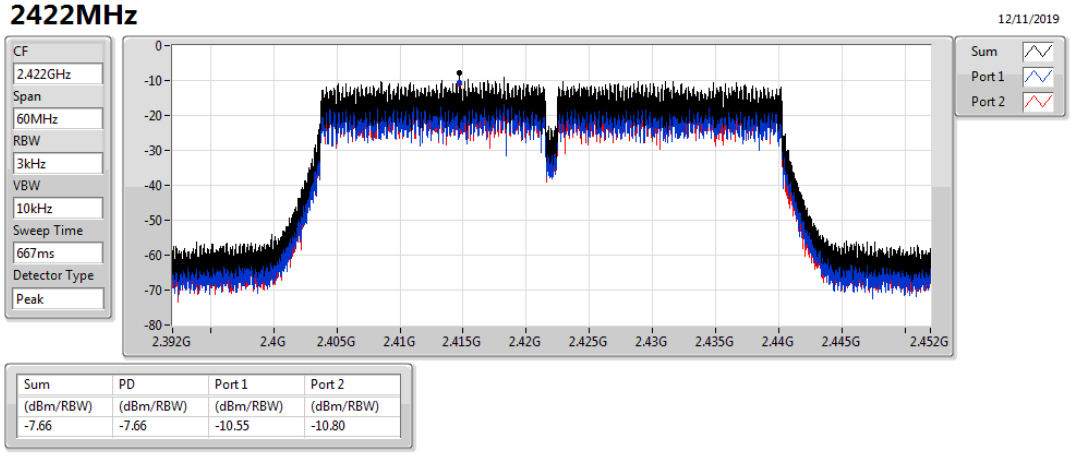
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.76	-9.76	-12.82	-11.71

VHT40-BF_Nss1,(MCS0)_2TX PSD

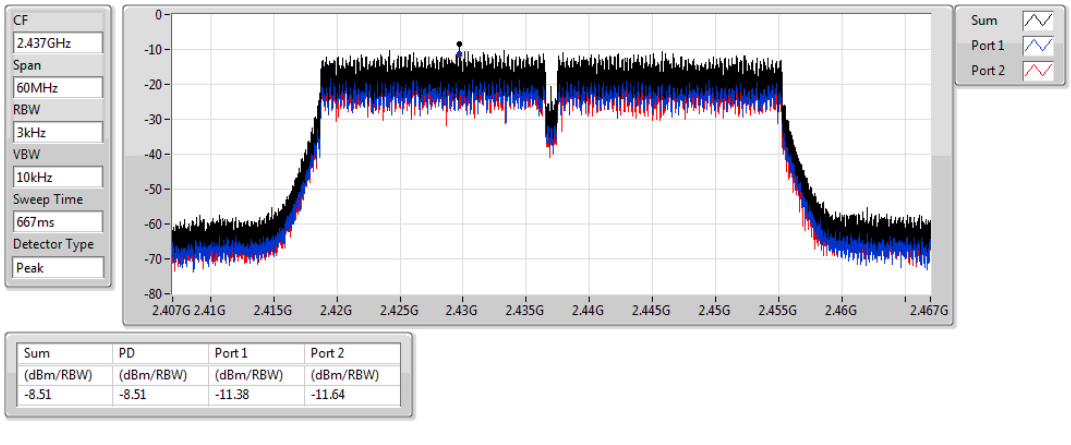
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.66	-7.66	-10.55	-10.80

VHT40-BF_Nss1,(MCS0)_2TX PSD

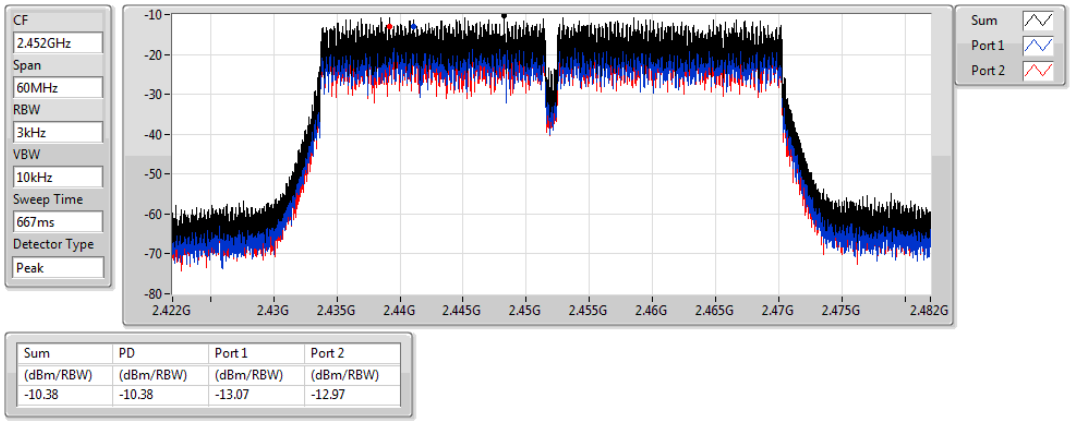
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.51	-8.51	-11.38	-11.64

VHT40-BF_Nss1,(MCS0)_2TX PSD

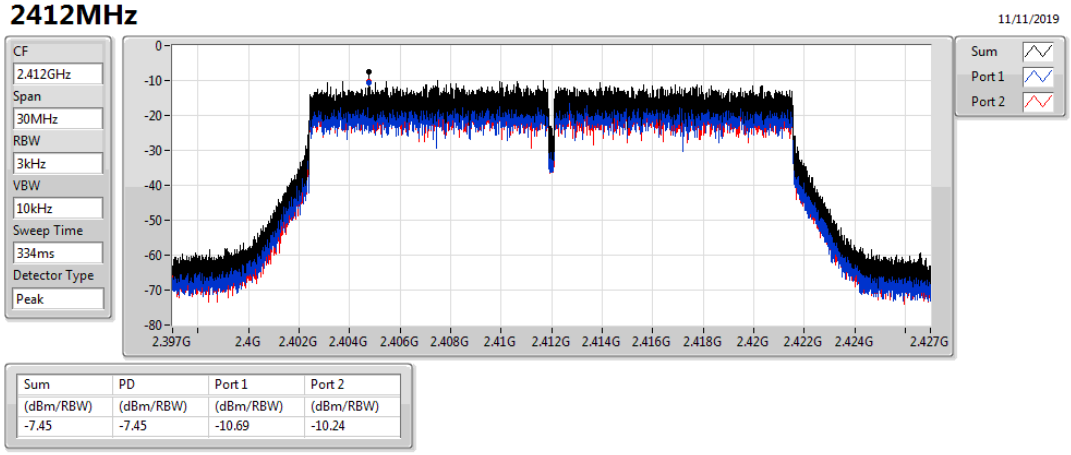
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.38	-10.38	-13.07	-12.97

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

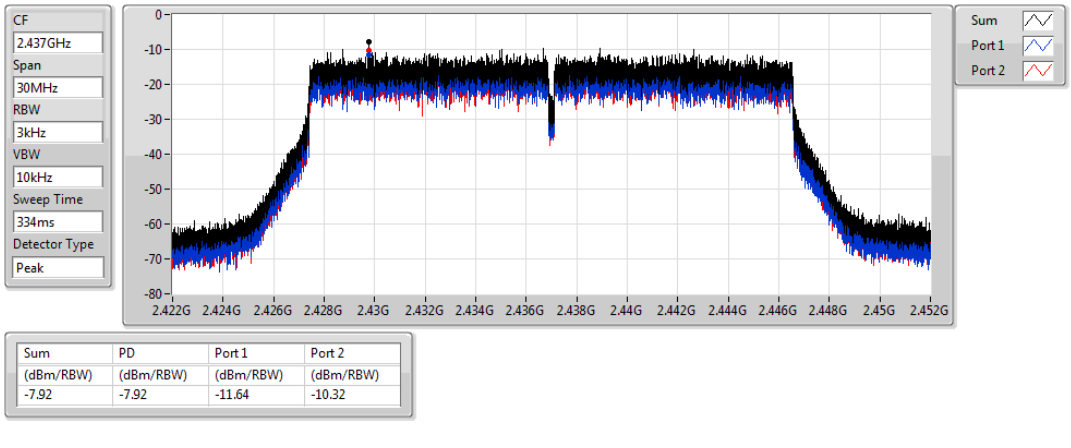
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.45	-7.45	-10.69	-10.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

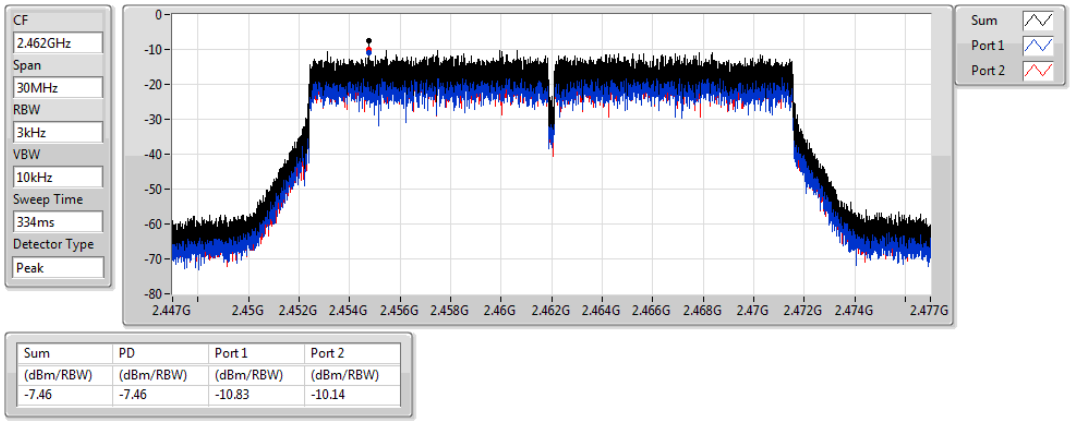
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.92	-7.92	-11.64	-10.32

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

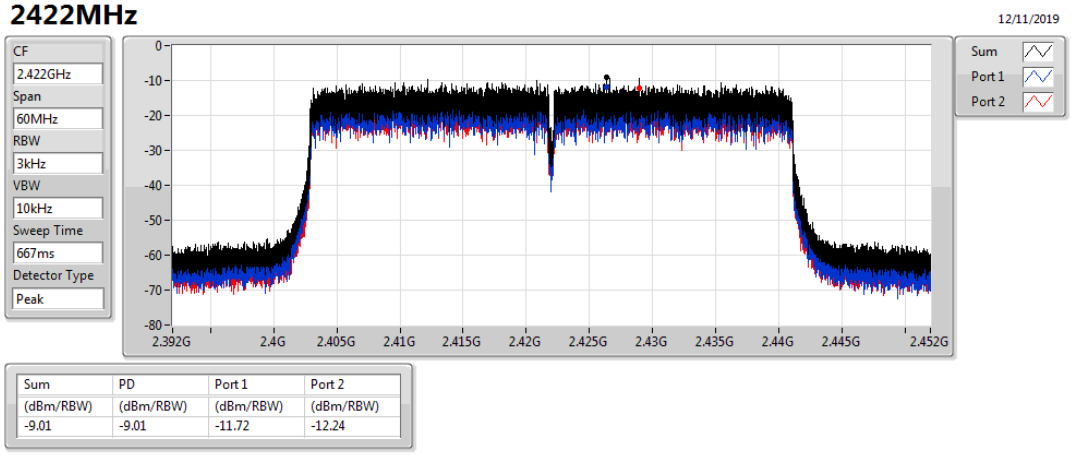
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.46	-7.46	-10.83	-10.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

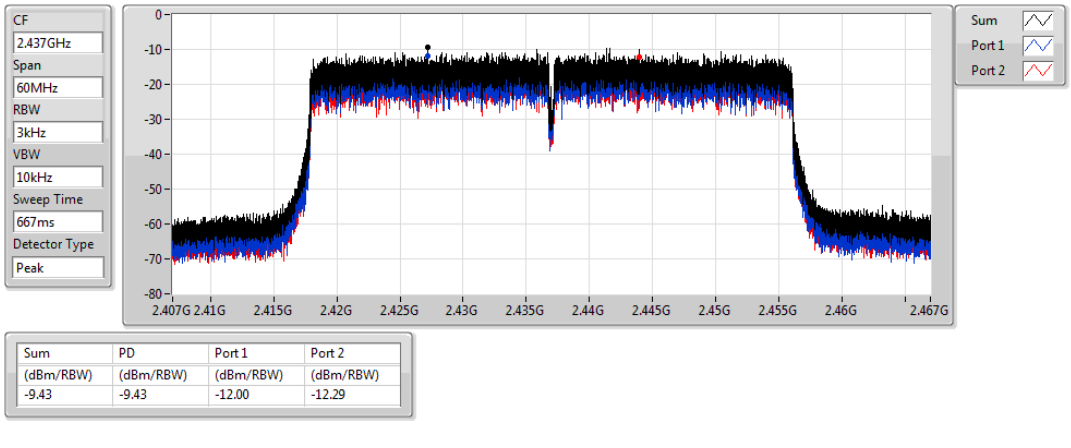
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.01	-9.01	-11.72	-12.24

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

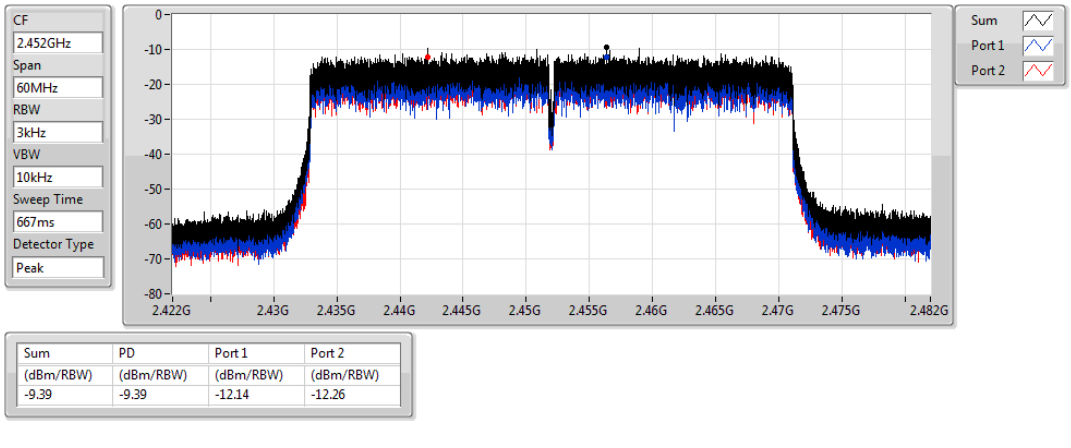
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.43	-9.43	-12.00	-12.29

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.39	-9.39	-12.14	-12.26

Summary

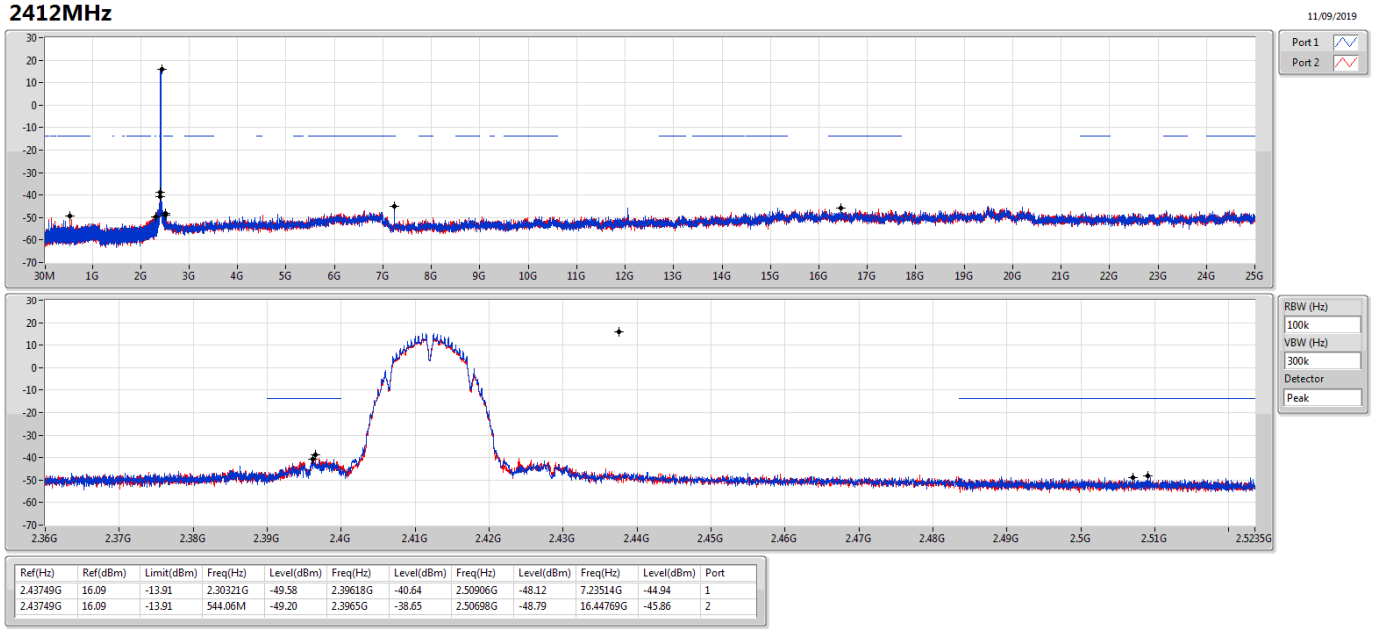
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	16.09	-13.91	544.06M	-49.20	2.3965G	-38.65	2.50698G	-48.79	16.44769G	-45.86	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	4.71	-25.29	223.97M	-48.99	2.39988G	-40.14	2.52072G	-49.79	16.4196G	-46.69	1
VHT20_Nss1,(MCS0)_2TX	Pass	2.442G	3.44	-26.56	544.06M	-49.16	2.3999G	-40.19	2.51756G	-50.63	16.21169G	-46.97	2
VHT40_Nss1,(MCS0)_2TX	Pass	2.43198G	2.28	-27.72	95.84M	-48.92	2.3996G	-42.06	2.48634G	-49.54	24.55407G	-46.74	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.442G	3.50	-26.50	159.9M	-47.91	2.39998G	-41.40	2.51892G	-50.90	16.43645G	-46.16	1
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	2.43198G	2.23	-27.77	95.84M	-48.23	2.39408G	-49.06	2.48446G	-41.95	6.75071G	-46.89	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
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	16.09	-13.91	2.30321G	-49.58	2.39618G	-40.64	2.50906G	-48.12	7.23514G	-44.94	1
2412MHz	Pass	2.43749G	16.09	-13.91	544.06M	-49.20	2.3965G	-38.65	2.50698G	-48.79	16.44769G	-45.86	2
2437MHz	Pass	2.43749G	16.09	-13.91	95.82M	-50.26	2.39452G	-46.92	2.49518G	-46.96	17.40575G	-47.12	1
2437MHz	Pass	2.43749G	16.09	-13.91	544.06M	-48.54	2.39776G	-46.74	2.49208G	-46.63	6.77718G	-46.02	2
2462MHz	Pass	2.43749G	16.09	-13.91	544.06M	-48.77	2.39002G	-47.71	2.48486G	-45.31	15.18339G	-46.43	1
2462MHz	Pass	2.43749G	16.09	-13.91	2.30874G	-49.61	2.39746G	-47.18	2.48586G	-46.26	14.84343G	-46.24	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	4.71	-25.29	223.97M	-48.99	2.39988G	-40.14	2.52072G	-49.79	16.4196G	-46.69	1
2412MHz	Pass	2.43073G	4.71	-25.29	544.06M	-48.89	2.39986G	-40.47	2.5015G	-49.89	15.27891G	-45.63	2
2437MHz	Pass	2.43073G	4.71	-25.29	544.06M	-48.75	2.39372G	-49.54	2.51588G	-49.64	6.94575G	-46.13	1
2437MHz	Pass	2.43073G	4.71	-25.29	544.06M	-49.28	2.3993G	-49.28	2.49882G	-49.77	15.19744G	-46.87	2
2462MHz	Pass	2.43073G	4.71	-25.29	544.06M	-49.53	2.39242G	-49.66	2.48354G	-48.29	15.20306G	-46.78	1
2462MHz	Pass	2.43073G	4.71	-25.29	544.06M	-49.50	2.39056G	-49.52	2.48382G	-47.20	17.11075G	-46.44	2
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	3.44	-26.56	159.9M	-49.97	2.39992G	-42.47	2.48974G	-50.15	16.45331G	-45.41	1
2412MHz	Pass	2.442G	3.44	-26.56	544.06M	-49.16	2.3999G	-40.19	2.51756G	-50.63	16.21169G	-46.97	2
2437MHz	Pass	2.442G	3.44	-26.56	159.9M	-49.78	2.396G	-50.25	2.49422G	-50.19	24.83705G	-46.47	1
2437MHz	Pass	2.442G	3.44	-26.56	159.9M	-49.50	2.39172G	-50.33	2.49458G	-49.84	6.80527G	-46.27	2
2462MHz	Pass	2.442G	3.44	-26.56	159.9M	-48.56	2.39086G	-51.19	2.48408G	-48.93	16.90846G	-45.99	1
2462MHz	Pass	2.442G	3.44	-26.56	95.82M	-49.84	2.3908G	-50.09	2.48576G	-48.13	17.48723G	-46.26	2
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	2.28	-27.72	95.84M	-48.92	2.3996G	-42.06	2.48634G	-49.54	24.55407G	-46.74	1
2422MHz	Pass	2.43198G	2.28	-27.72	95.84M	-47.24	2.3998G	-43.37	2.49394G	-49.07	17.47536G	-45.91	2
2437MHz	Pass	2.43198G	2.28	-27.72	95.84M	-49.78	2.39948G	-46.03	2.4839G	-48.25	24.48957G	-46.76	1
2437MHz	Pass	2.43198G	2.28	-27.72	95.84M	-50.28	2.39924G	-46.75	2.48982G	-49.20	15.23451G	-46.90	2
2452MHz	Pass	2.43198G	2.28	-27.72	95.84M	-45.36	2.39572G	-49.25	2.48414G	-43.93	24.71113G	-46.75	1
2452MHz	Pass	2.43198G	2.28	-27.72	95.84M	-45.75	2.39768G	-49.18	2.4845G	-42.67	15.15318G	-46.35	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	3.50	-26.50	159.9M	-47.91	2.39998G	-41.40	2.51892G	-50.90	16.43645G	-46.16	1
2412MHz	Pass	2.442G	3.50	-26.50	223.97M	-50.91	2.3998G	-42.27	2.48616G	-50.19	17.38328G	-46.56	2
2437MHz	Pass	2.442G	3.50	-26.50	575.8M	-50.75	2.39522G	-50.54	2.49104G	-49.93	16.43926G	-46.89	1
2437MHz	Pass	2.442G	3.50	-26.50	159.9M	-48.52	2.39232G	-50.04	2.50334G	-49.84	15.20587G	-46.57	2
2462MHz	Pass	2.442G	3.50	-26.50	159.9M	-48.56	2.39098G	-51.10	2.48434G	-47.79	6.94013G	-45.84	1
2462MHz	Pass	2.442G	3.50	-26.50	159.9M	-49.50	2.39524G	-50.46	2.48382G	-45.67	16.55726G	-46.52	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	2.23	-27.77	95.84M	-47.82	2.397G	-42.34	2.4845G	-49.65	16.48815G	-45.52	1
2422MHz	Pass	2.43198G	2.23	-27.77	95.84M	-46.59	2.39024G	-44.28	2.4853G	-50.01	17.14723G	-46.56	2
2437MHz	Pass	2.43198G	2.23	-27.77	159.96M	-47.85	2.39952G	-46.39	2.48366G	-47.34	16.42365G	-46.40	1
2437MHz	Pass	2.43198G	2.23	-27.77	95.84M	-47.49	2.39892G	-46.63	2.4877G	-48.50	16.85555G	-46.48	2
2452MHz	Pass	2.43198G	2.23	-27.77	95.84M	-47.44	2.39436G	-49.61	2.4885G	-43.15	15.14196G	-46.33	1
2452MHz	Pass	2.43198G	2.23	-27.77	95.84M	-48.23	2.39408G	-49.06	2.48446G	-41.95	6.75071G	-46.89	2

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

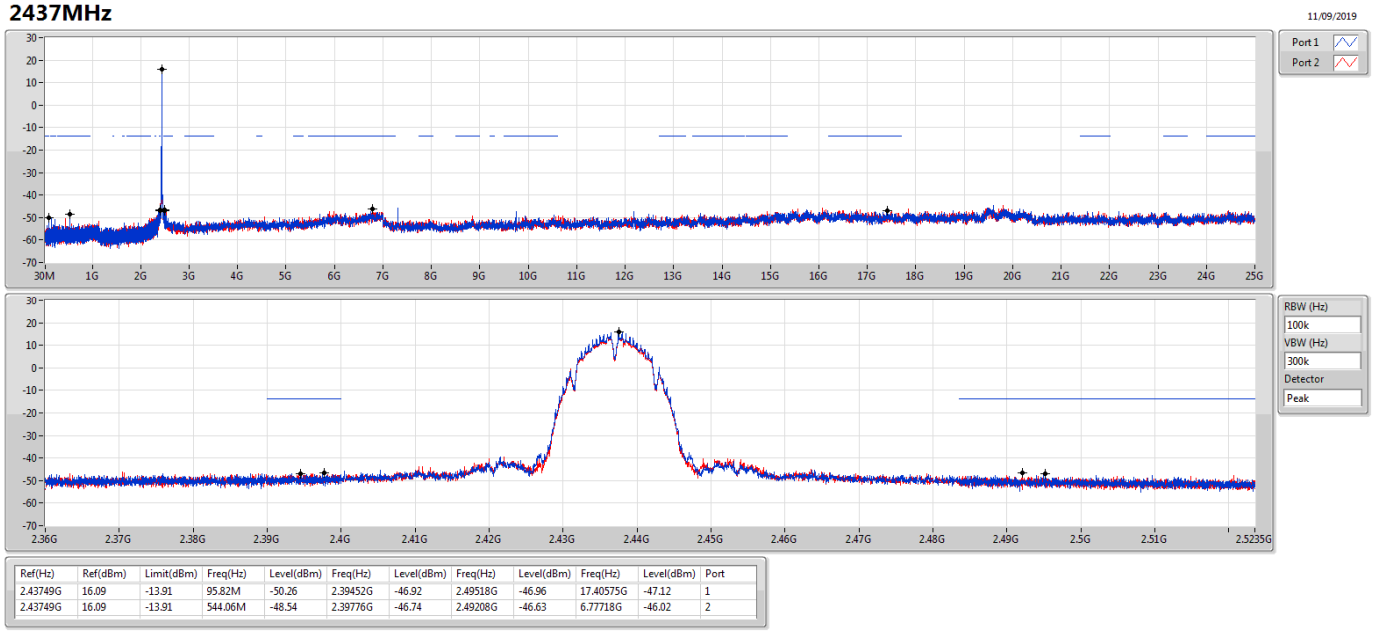
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	16.09	-13.91	2.30321G	-49.58	2.39618G	-40.64	2.50906G	-48.12	7.23514G	-44.94	1
2.43749G	16.09	-13.91	544.06M	-49.20	2.3965G	-38.65	2.50698G	-48.79	16.44769G	-45.86	2

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

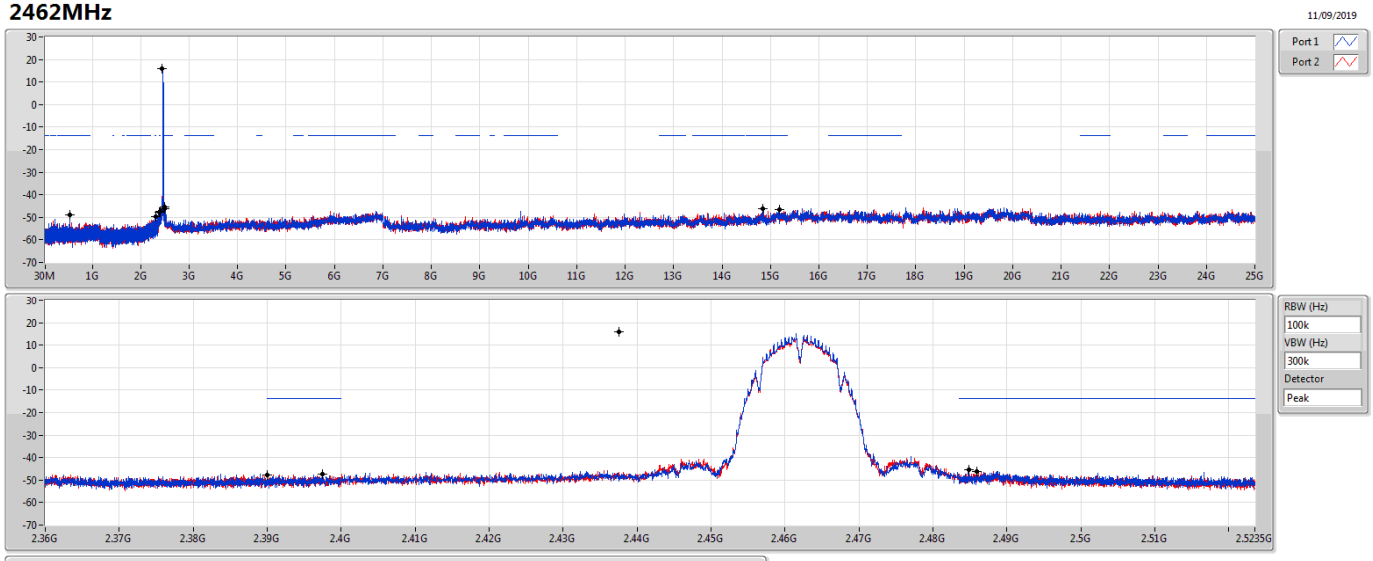
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	16.09	-13.91	95.82M	-50.26	2.39452G	-46.92	2.49518G	-46.96	17.40575G	-47.12	1
2.43749G	16.09	-13.91	544.06M	-48.54	2.39776G	-46.74	2.49208G	-46.63	6.77718G	-46.02	2

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

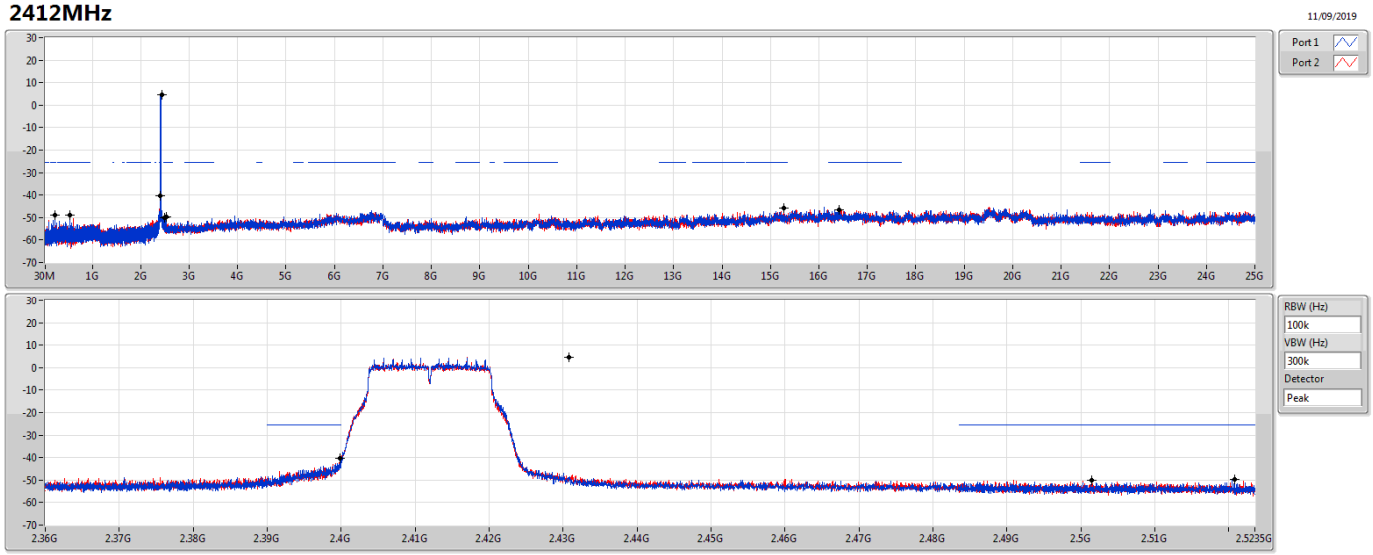
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43749G	16.09	-13.91	544.06M	-48.77	2.39002G	-47.71	2.48486G	-45.31	15.18339G	-46.43	1
2.43749G	16.09	-13.91	2.30874G	-49.61	2.39746G	-47.18	2.48586G	-46.26	14.84343G	-46.24	2

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

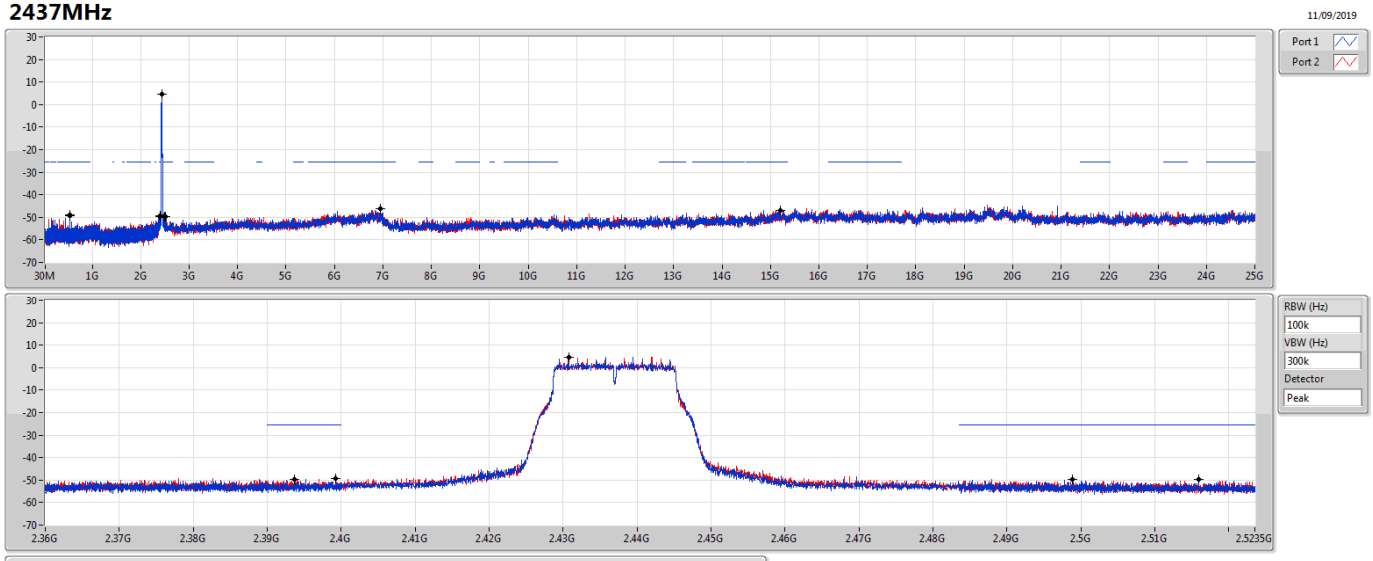
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	4.71	-25.29	223.97M	-48.99	2.39988G	-40.14	2.52072G	-49.79	16.4196G	-46.69	1
2.43073G	4.71	-25.29	544.06M	-48.89	2.39986G	-40.47	2.5015G	-49.89	15.27891G	-45.63	2

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

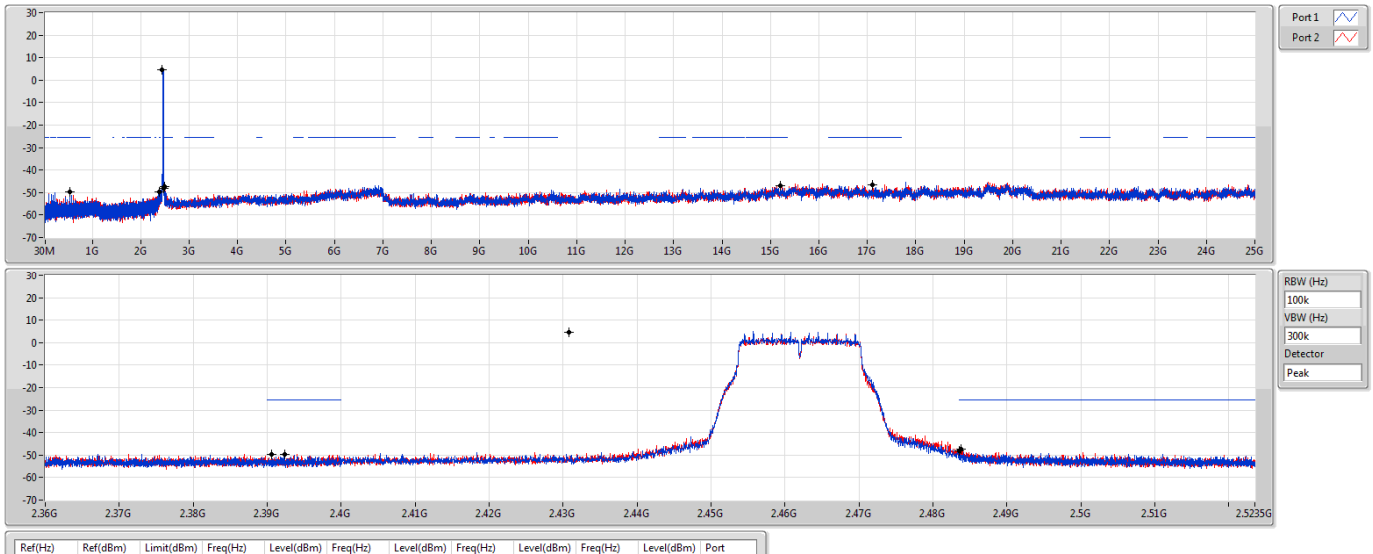
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	4.71	-25.29	544.06M	-48.75	2.39372G	-49.54	2.51588G	-49.64	6.94575G	-46.13	1
2.43073G	4.71	-25.29	544.06M	-49.28	2.3993G	-49.28	2.49882G	-49.77	15.19744G	-46.87	2

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

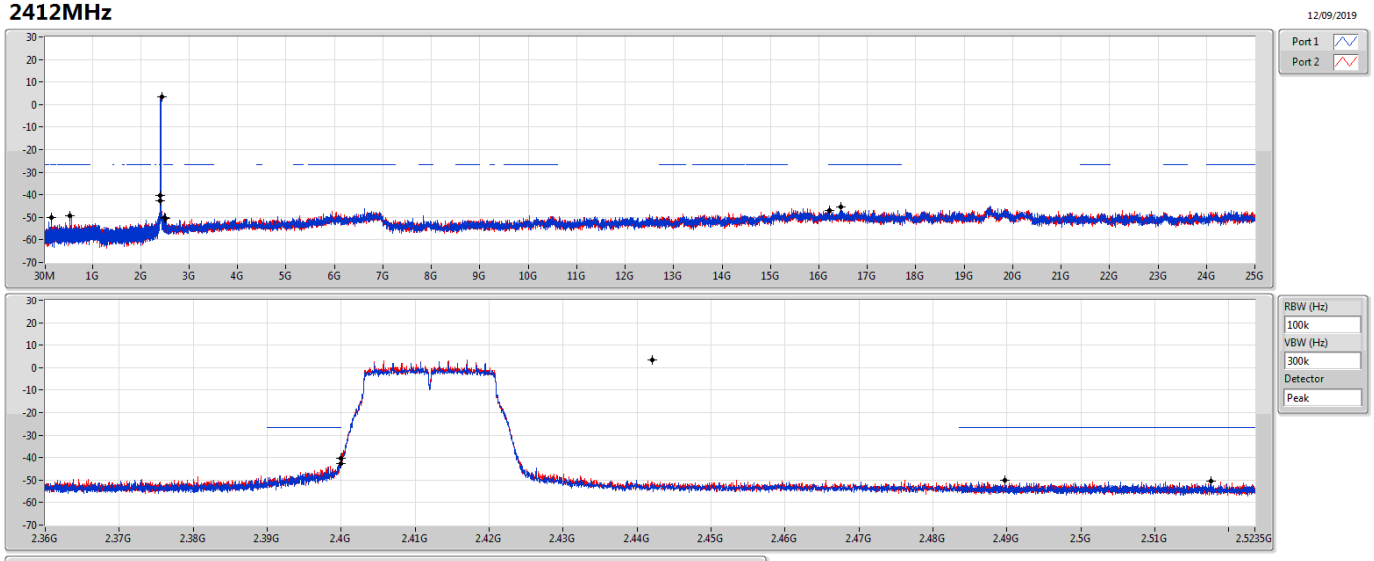
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	4.71	-25.29	544.06M	-49.53	2.39242G	-49.66	2.48354G	-48.29	15.20306G	-46.78	1
2.43073G	4.71	-25.29	544.06M	-49.50	2.39056G	-49.52	2.48382G	-47.20	17.11075G	-46.44	2

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

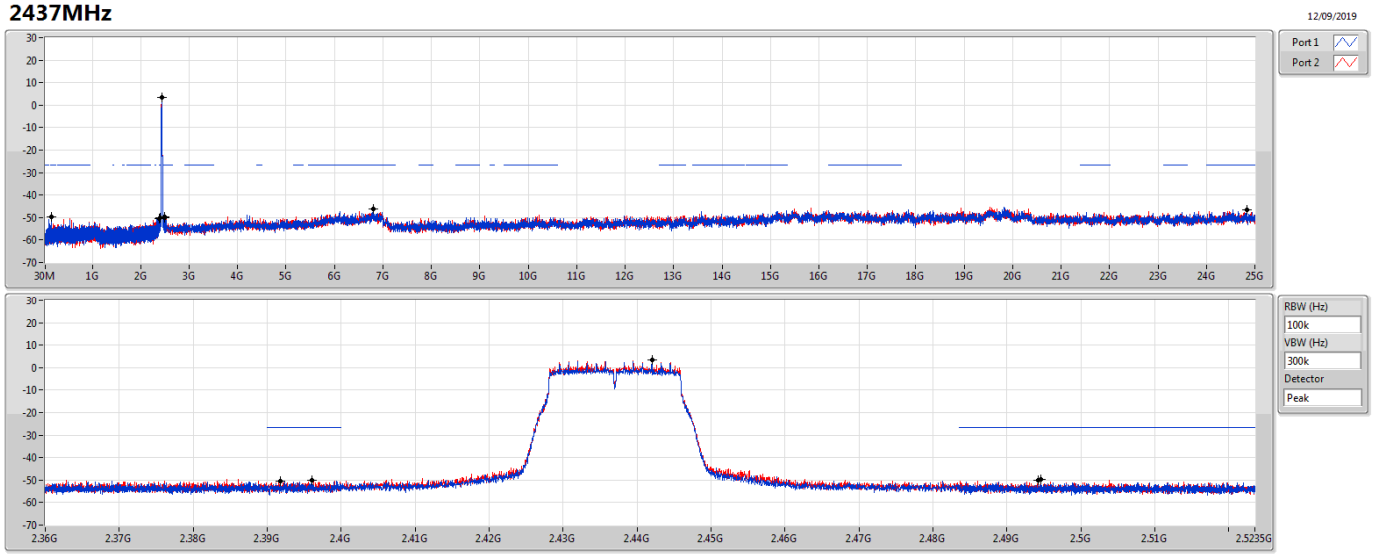
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	3.44	-26.56	159.9M	-49.97	2.39992G	-42.47	2.48974G	-50.15	16.45331G	-45.41	1
2.442G	3.44	-26.56	544.06M	-49.16	2.3999G	-40.19	2.51756G	-50.63	16.21169G	-46.97	2

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

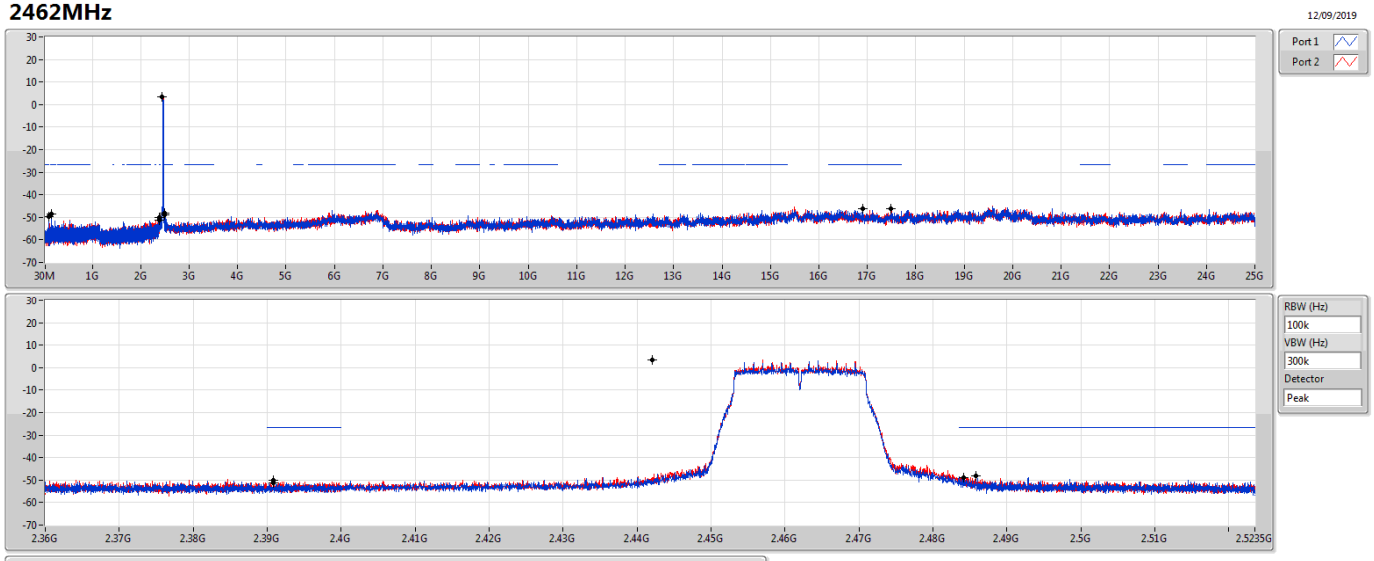
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	3.44	-26.56	159.9M	-49.78	2.396G	-50.25	2.49422G	-50.19	24.83705G	-46.47	1
2.442G	3.44	-26.56	159.9M	-49.50	2.39172G	-50.33	2.49458G	-49.84	6.80527G	-46.27	2

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

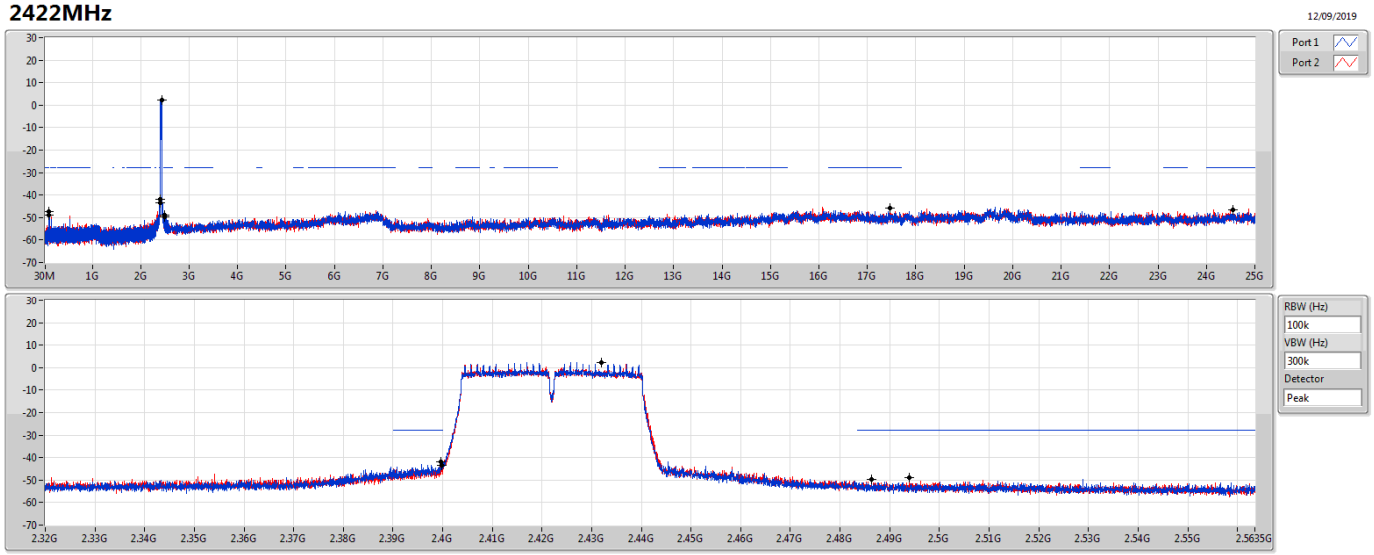
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	3.44	-26.56	159.9M	-48.56	2.39086G	-51.19	2.48408G	-48.93	16.90846G	-45.99	1
2.442G	3.44	-26.56	95.82M	-49.84	2.3908G	-50.09	2.48576G	-48.13	17.48723G	-46.26	2

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

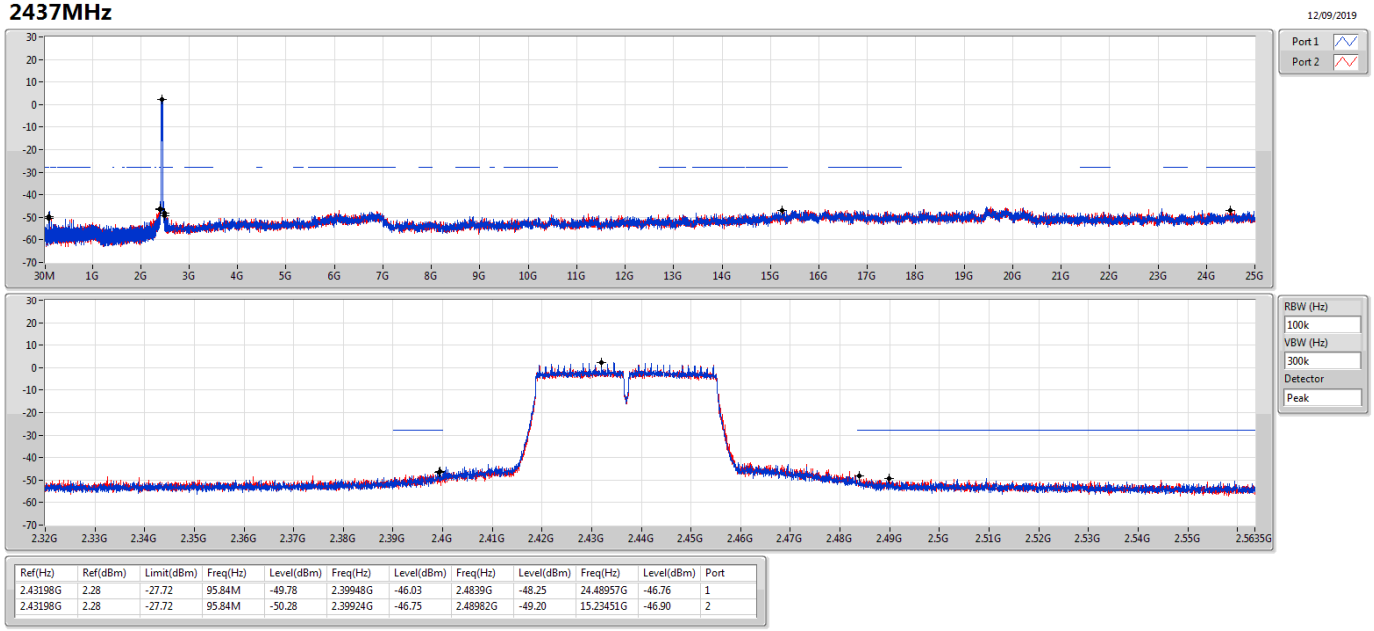
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	2.28	-27.72	95.84M	-48.92	2.3996G	-42.06	2.48634G	-49.54	24.55407G	-46.74	1
2.43198G	2.28	-27.72	95.84M	-47.24	2.3998G	-43.37	2.49394G	-49.07	17.47536G	-45.91	2

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

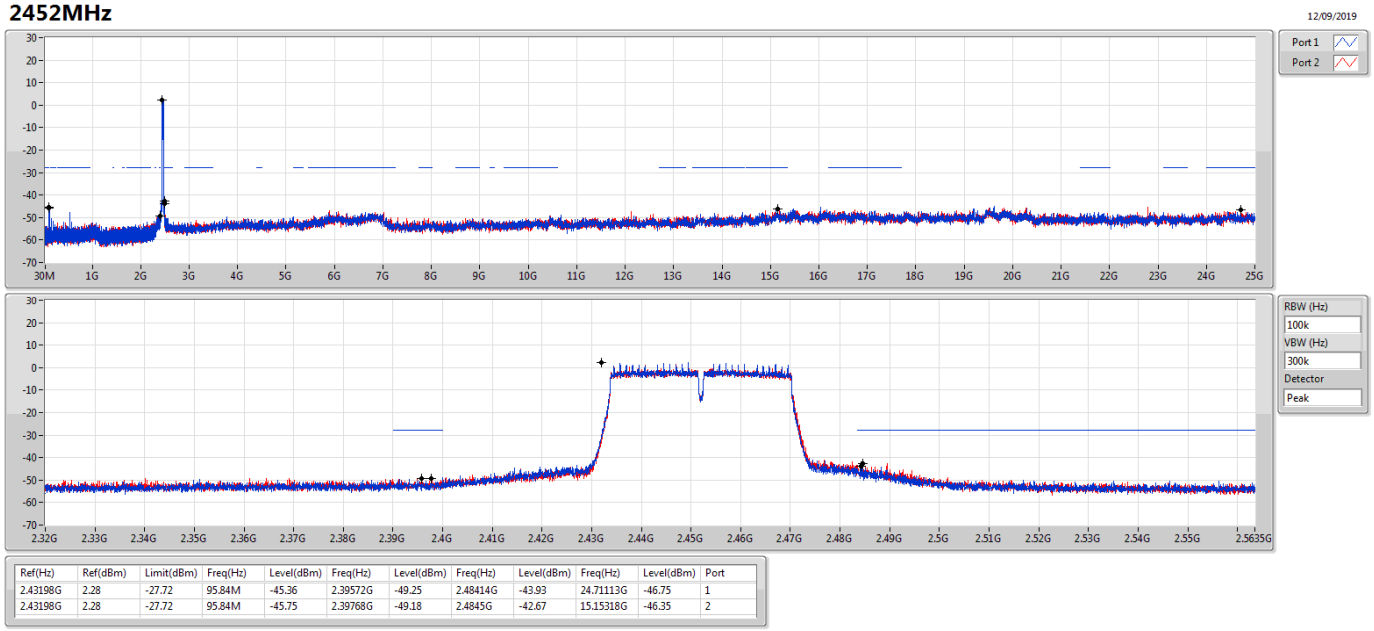
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	2.28	-27.72	95.84M	-49.78	2.39948G	-46.03	2.4839G	-48.25	24.48957G	-46.76	1
2.43198G	2.28	-27.72	95.84M	-50.28	2.39924G	-46.75	2.48982G	-49.20	15.23451G	-46.90	2

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

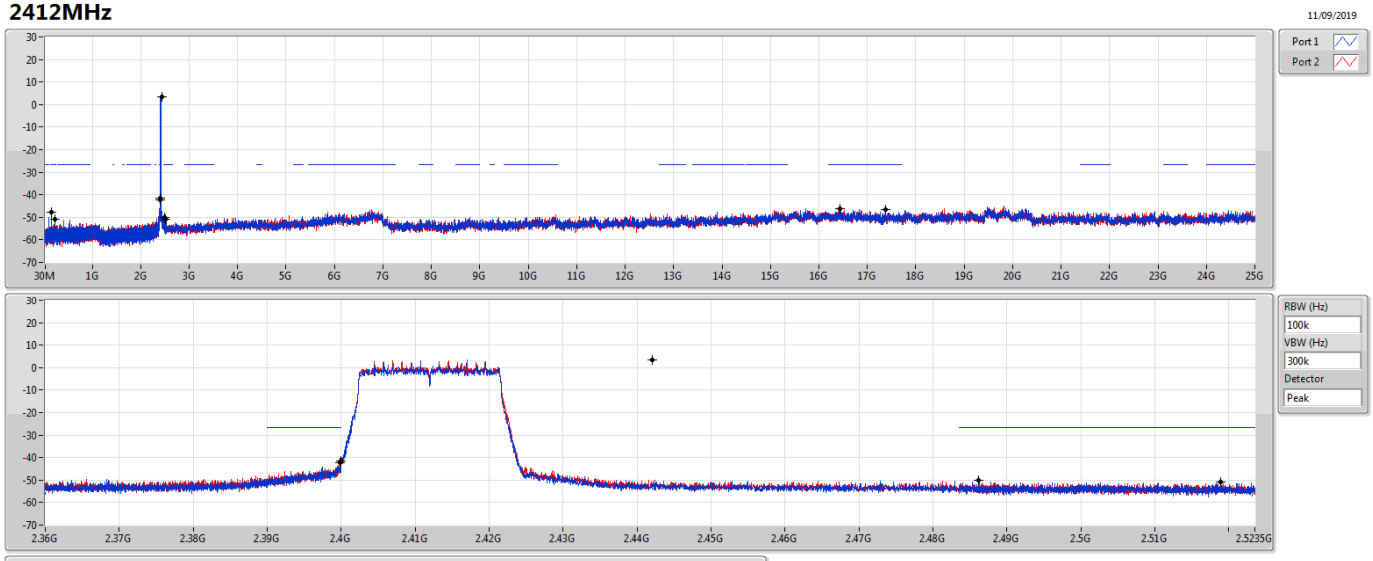
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	2.28	-27.72	95.84M	-45.36	2.39572G	-49.25	2.48414G	-43.93	24.71113G	-46.75	1
2.43198G	2.28	-27.72	95.84M	-45.75	2.39768G	-49.18	2.4845G	-42.67	15.15318G	-46.35	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSE NdB**

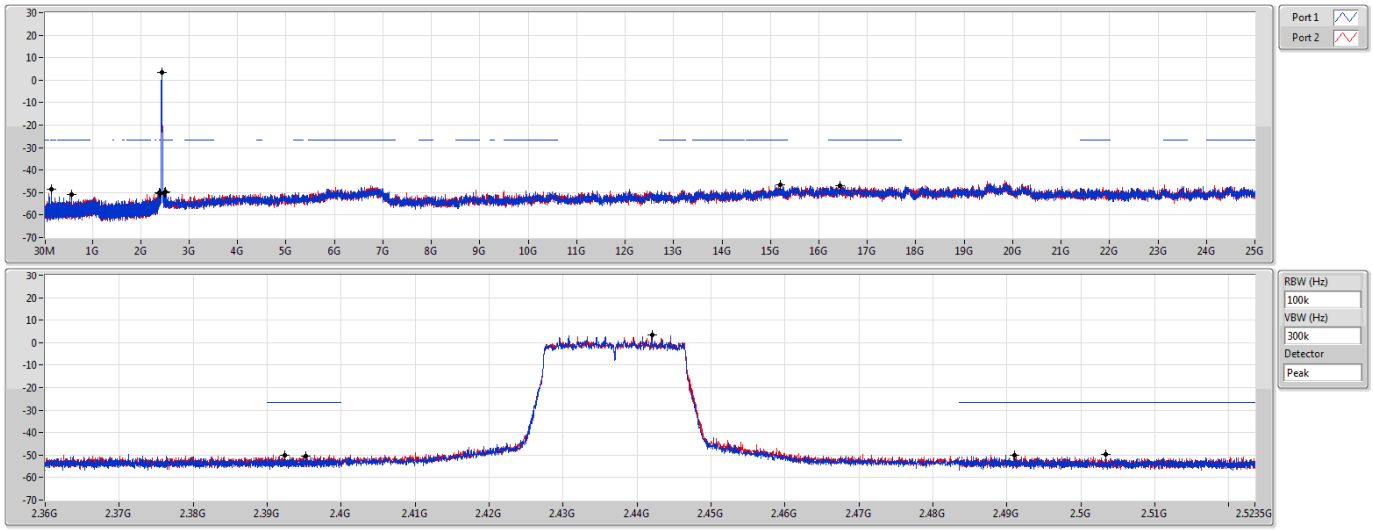
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	3.50	-26.50	159.9M	-47.91	2.39998G	-41.40	2.51892G	-50.90	16.43645G	-46.16	1
2.442G	3.50	-26.50	223.97M	-50.91	2.3998G	-42.27	2.48616G	-50.19	17.38328G	-46.56	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSE NdB**

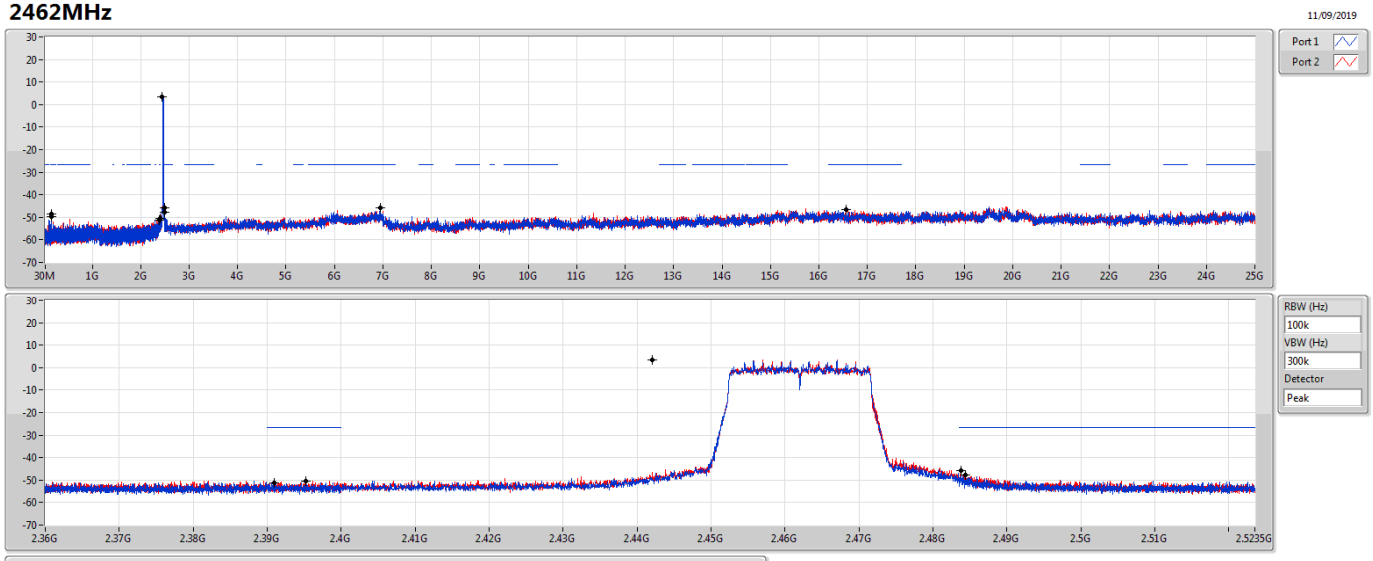
2437MHz



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	3.50	-26.50	575.8M	-50.75	2.39522G	-50.54	2.49104G	-49.93	16.43926G	-46.89	1
2.442G	3.50	-26.50	159.9M	-48.52	2.39232G	-50.04	2.50334G	-49.84	15.20587G	-46.57	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSE NdB**

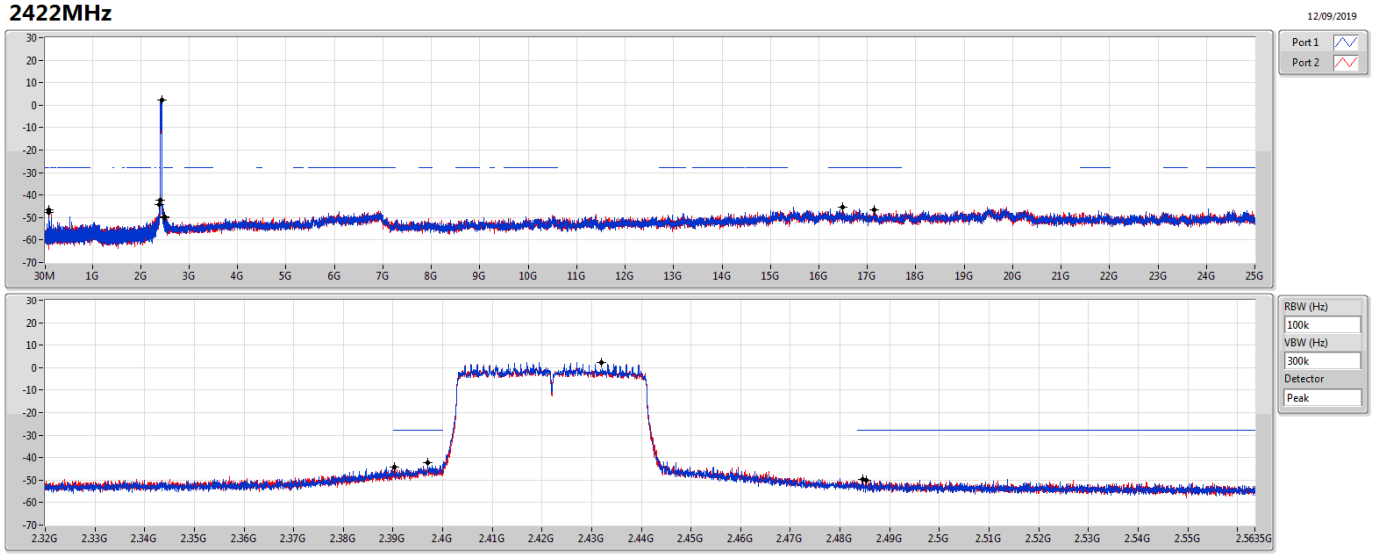
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	3.50	-26.50	159.9M	-48.56	2.39098G	-51.10	2.48434G	-47.79	6.94013G	-45.84	1
2.442G	3.50	-26.50	159.9M	-49.50	2.39524G	-50.46	2.48382G	-45.67	16.55726G	-46.52	2

802.11ax HEW40_Nss1,(MCS0)_2TX **CSE NdB**

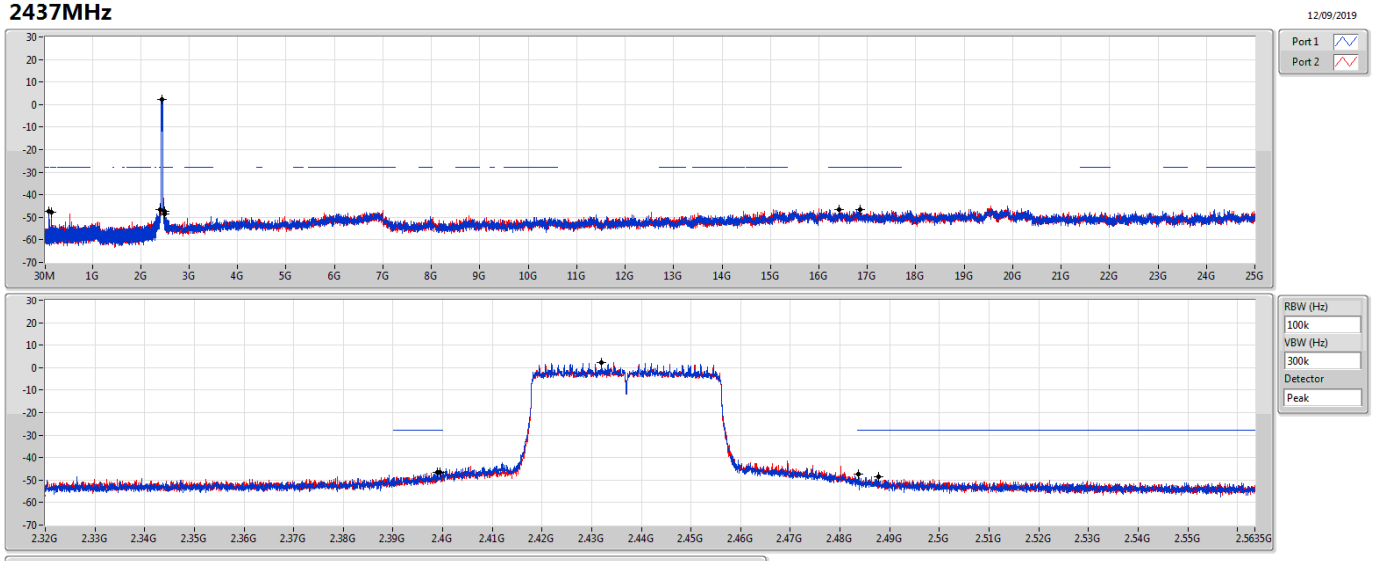
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	2.23	-27.77	95.84M	-47.82	2.397G	-42.34	2.4845G	-49.65	16.48815G	-45.52	1
2.43198G	2.23	-27.77	95.84M	-46.59	2.39024G	-44.28	2.4853G	-50.01	17.14723G	-46.56	2

802.11ax HEW40_Nss1,(MCS0)_2TX **CSE NdB**

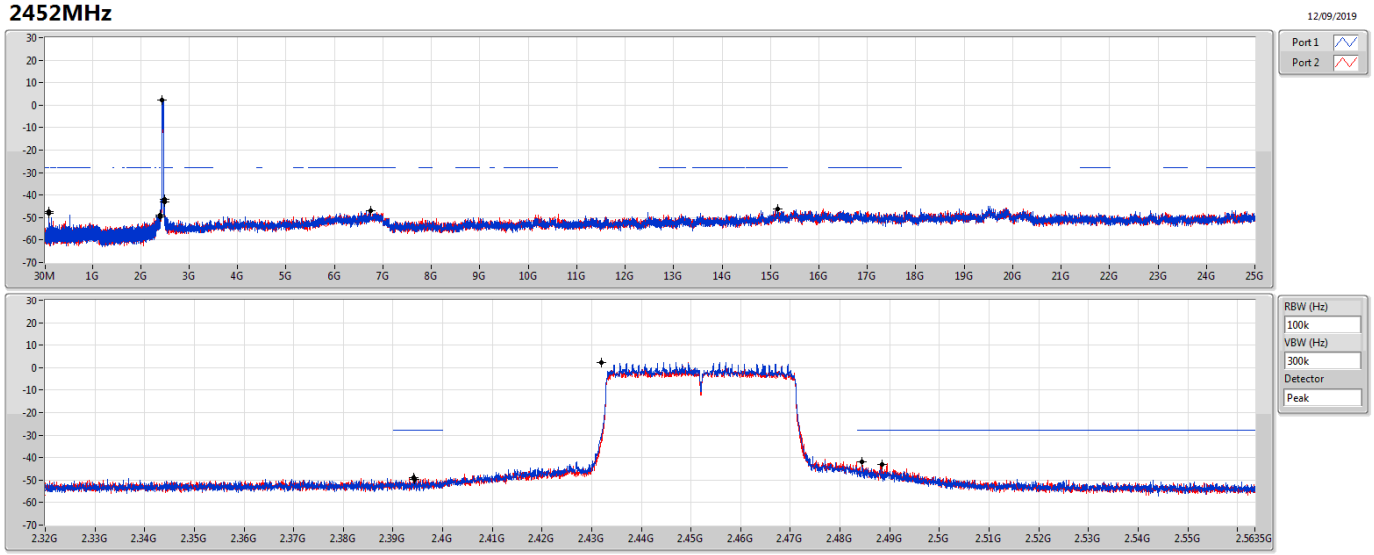
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	2.23	-27.77	159.96M	-47.85	2.39952G	-46.39	2.48366G	-47.34	16.42365G	-46.40	1
2.43198G	2.23	-27.77	95.84M	-47.49	2.39892G	-46.63	2.4877G	-48.50	16.85555G	-46.48	2

802.11ax HEW40_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
2.43198G	2.23	-27.77	95.84M	-47.44	2.39436G	-49.61	2.4885G	-43.15	15.14196G	-46.33	1
2.43198G	2.23	-27.77	95.84M	-48.23	2.39408G	-49.06	2.48446G	-41.95	6.75071G	-46.89	2

Summary

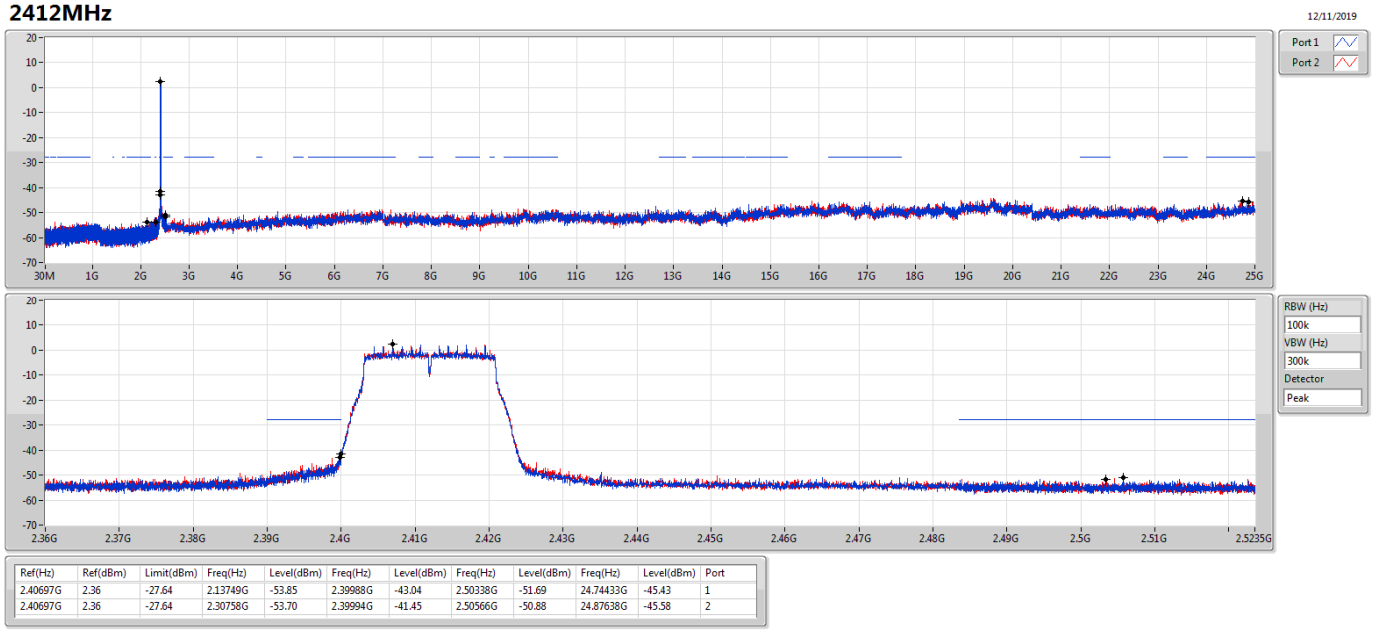
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-
VHT20-BF_Nss1,(MCS0)_2TX	Pass	2.40697G	2.36	-27.64	2.30758G	-53.70	2.39994G	-41.45	2.50566G	-50.88	24.87638G	-45.58	2
VHT40-BF_Nss1,(MCS0)_2TX	Pass	2.41699G	1.82	-28.18	2.3054G	-53.66	2.39292G	-50.24	2.48446G	-42.66	24.94952G	-45.71	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.41699G	2.57	-27.43	2.30321G	-52.59	2.39996G	-41.88	2.48464G	-51.52	24.84547G	-45.51	1
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42572G	2.69	-27.31	2.30941G	-51.39	2.39952G	-42.48	2.51974G	-50.12	24.61297G	-45.93	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
VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.40697G	2.36	-27.64	2.13749G	-53.85	2.39988G	-43.04	2.50338G	-51.69	24.74433G	-45.43	1
2412MHz	Pass	2.40697G	2.36	-27.64	2.30758G	-53.70	2.39994G	-41.45	2.50566G	-50.88	24.87638G	-45.58	2
2437MHz	Pass	2.40697G	2.36	-27.64	2.30961G	-53.51	2.39354G	-51.49	2.48374G	-51.78	16.55446G	-45.27	1
2437MHz	Pass	2.40697G	2.36	-27.64	786.09M	-53.75	2.39008G	-51.05	2.52102G	-51.41	24.99157G	-45.37	2
2462MHz	Pass	2.40697G	2.36	-27.64	218.15M	-53.85	2.39398G	-51.82	2.4837G	-49.95	24.70781G	-46.06	1
2462MHz	Pass	2.40697G	2.36	-27.64	704.24M	-53.33	2.3974G	-51.05	2.48388G	-49.27	16.61908G	-46.15	2
VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41699G	1.82	-28.18	2.30483G	-53.82	2.39964G	-42.79	2.51802G	-50.66	24.59895G	-44.96	1
2422MHz	Pass	2.41699G	1.82	-28.18	2.30941G	-52.67	2.39568G	-43.80	2.48414G	-50.12	24.28484G	-44.95	2
2437MHz	Pass	2.41699G	1.82	-28.18	2.30139G	-52.86	2.3992G	-47.01	2.48366G	-49.86	15.13355G	-46.26	1
2437MHz	Pass	2.41699G	1.82	-28.18	2.3034G	-53.17	2.39956G	-47.12	2.48358G	-48.19	16.37877G	-45.61	2
2452MHz	Pass	2.41699G	1.82	-28.18	2.3054G	-53.66	2.39292G	-50.24	2.48446G	-42.66	24.94952G	-45.71	1
2452MHz	Pass	2.41699G	1.82	-28.18	2.30826G	-52.38	2.39884G	-50.39	2.4895G	-44.11	24.71393G	-45.63	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41699G	2.57	-27.43	2.30321G	-52.59	2.39996G	-41.88	2.48464G	-51.52	24.84547G	-45.51	1
2412MHz	Pass	2.41699G	2.57	-27.43	723.76M	-53.28	2.39976G	-44.17	2.50602G	-51.45	16.55726G	-45.55	2
2437MHz	Pass	2.41699G	2.57	-27.43	951.81M	-54.07	2.3972G	-51.42	2.48374G	-51.38	17.48161G	-45.57	1
2437MHz	Pass	2.41699G	2.57	-27.43	2.19574G	-53.34	2.39014G	-51.29	2.49036G	-51.27	15.21429G	-45.38	2
2462MHz	Pass	2.41699G	2.57	-27.43	2.30379G	-53.25	2.399G	-50.94	2.48374G	-49.34	16.61627G	-45.50	1
2462MHz	Pass	2.41699G	2.57	-27.43	698.13M	-53.86	2.39154G	-50.80	2.4869G	-47.14	16.37464G	-45.28	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42572G	2.69	-27.31	2.30941G	-51.39	2.39952G	-42.48	2.51974G	-50.12	24.61297G	-45.93	1
2422MHz	Pass	2.42572G	2.69	-27.31	2.30798G	-52.13	2.39804G	-42.97	2.4897G	-49.36	24.95513G	-45.55	2
2437MHz	Pass	2.42572G	2.69	-27.31	2.3054G	-52.98	2.39956G	-45.80	2.4841G	-48.88	24.71393G	-46.19	1
2437MHz	Pass	2.42572G	2.69	-27.31	901.06M	-53.50	2.39948G	-45.66	2.48606G	-48.40	24.82612G	-45.99	2
2452MHz	Pass	2.42572G	2.69	-27.31	2.30025G	-53.13	2.3912G	-49.46	2.4845G	-42.66	16.49657G	-45.83	1
2452MHz	Pass	2.42572G	2.69	-27.31	2.17459G	-53.65	2.39916G	-49.89	2.4895G	-43.08	24.29325G	-45.51	2

VHT20-BF_Nss1,(MCS0)_2TX **CSE NdB**

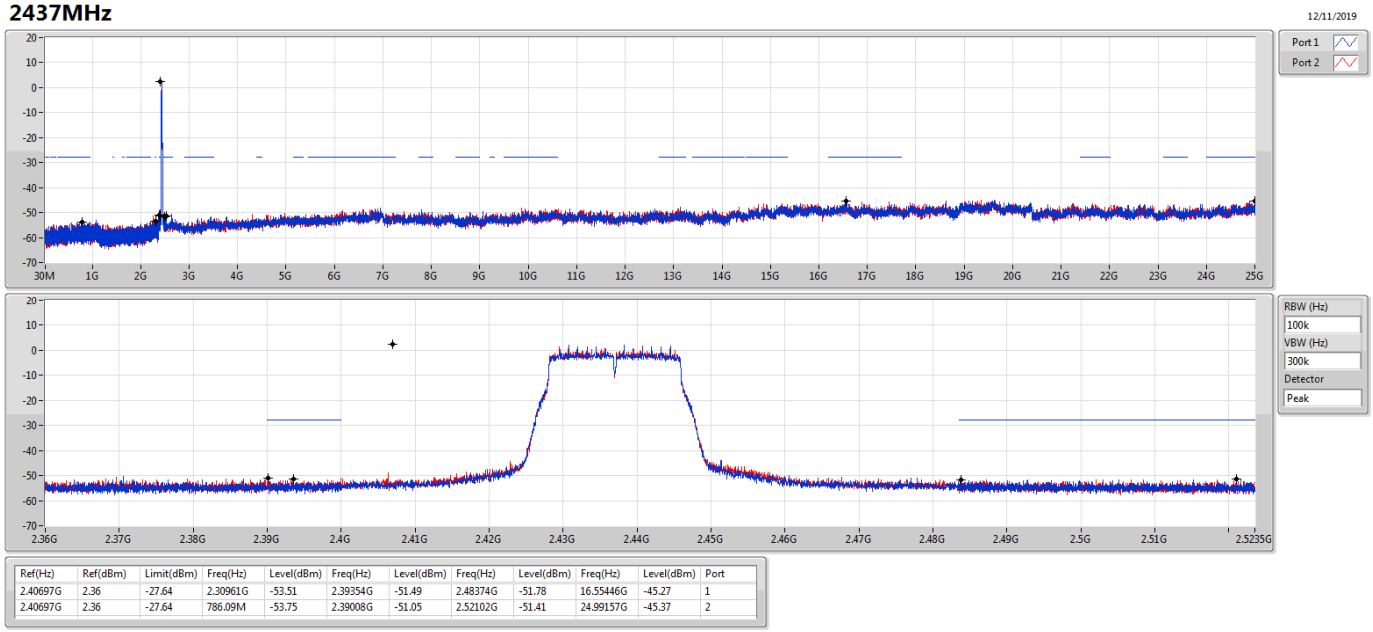
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40697G	2.36	-27.64	2.13749G	-53.85	2.39988G	-43.04	2.50338G	-51.69	24.74433G	-45.43	1
2.40697G	2.36	-27.64	2.30758G	-53.70	2.39994G	-41.45	2.50566G	-50.88	24.87638G	-45.58	2

VHT20-BF_Nss1,(MCS0)_2TX **CSE NdB**

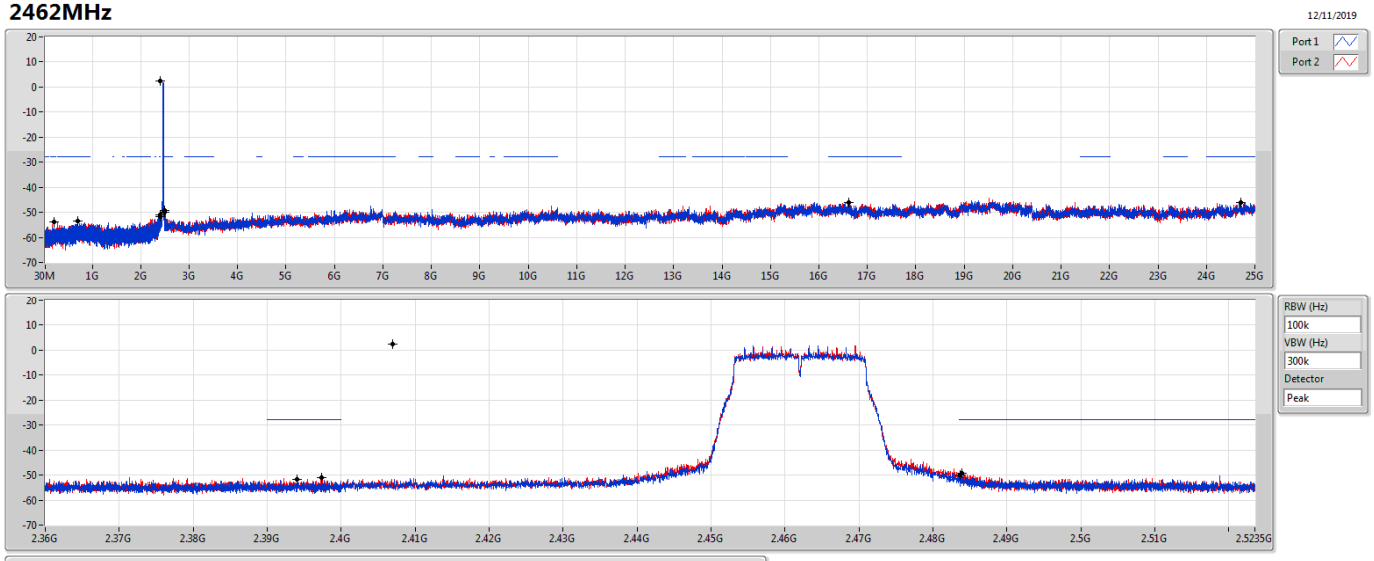
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.40697G	2.36	-27.64	2.30961G	-53.51	2.39354G	-51.49	2.48374G	-51.78	16.55446G	-45.27	1
2.40697G	2.36	-27.64	786.09M	-53.75	2.39008G	-51.05	2.52102G	-51.41	24.99157G	-45.37	2

VHT20-BF_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
2.40697G	2.36	-27.64	218.15M	-53.85	2.39398G	-51.82	2.4837G	-49.95	24.70781G	-46.06	1
2.40697G	2.36	-27.64	704.24M	-53.33	2.3974G	-51.05	2.48388G	-49.27	16.61908G	-46.15	2

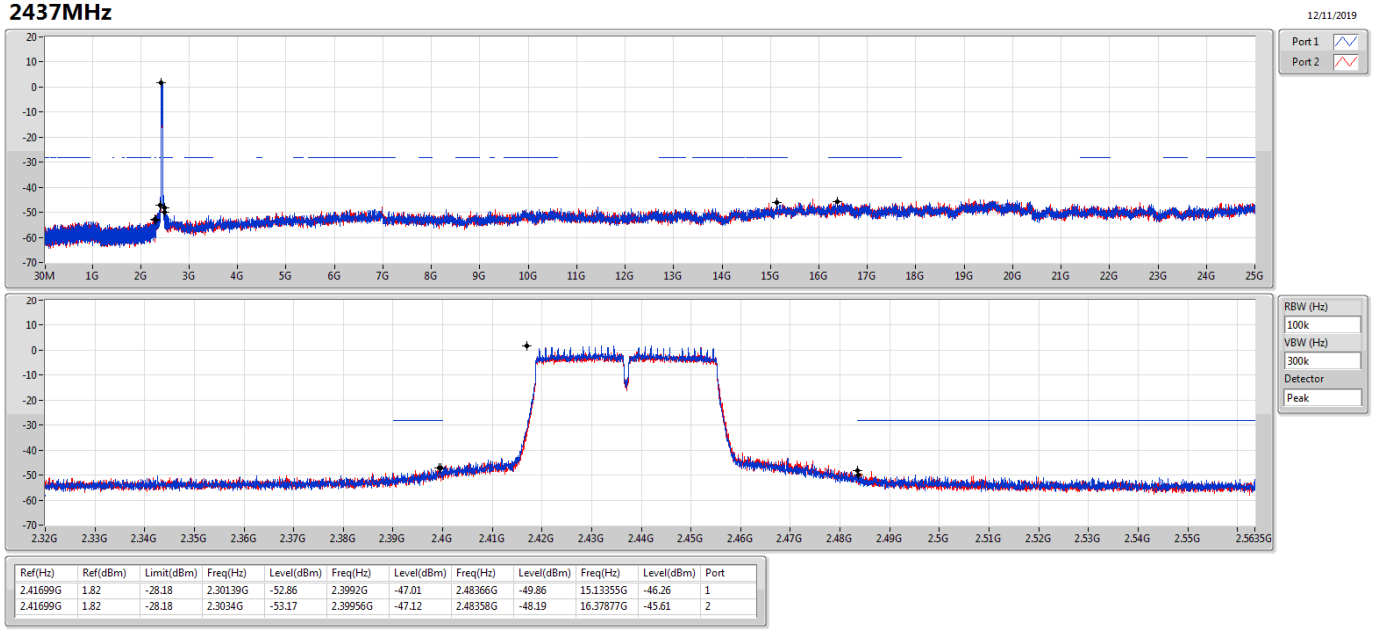
VHT40-BF_Nss1,(MCS0)_2TX **CSE NdB**

2422MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	1.82	-28.18	2.30483G	-53.82	2.39964G	-42.79	2.51802G	-50.66	24.59895G	-44.96	1
2.41699G	1.82	-28.18	2.30941G	-52.67	2.39568G	-43.80	2.48414G	-50.12	24.28484G	-44.95	2

VHT40-BF_Nss1,(MCS0)_2TX **CSE NdB**

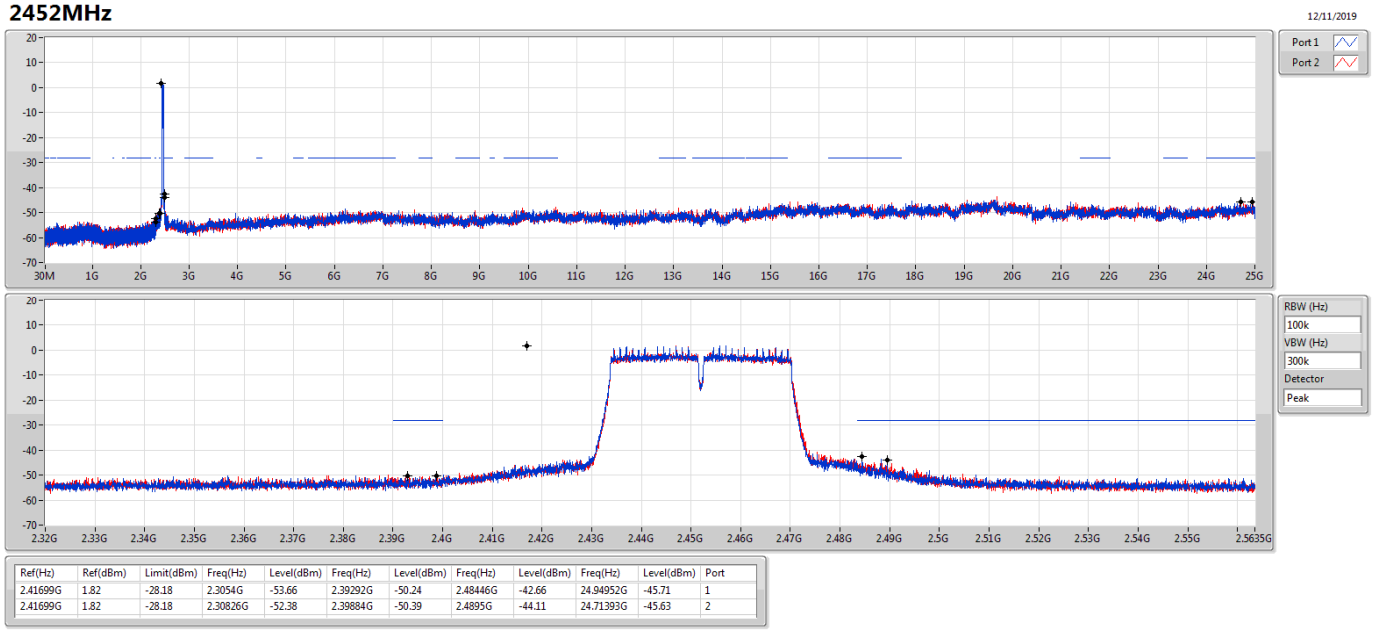
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	1.82	-28.18	2.30139G	-52.86	2.3992G	-47.01	2.48366G	-49.86	15.13355G	-46.26	1
2.41699G	1.82	-28.18	2.3034G	-53.17	2.39956G	-47.12	2.48358G	-48.19	16.37877G	-45.61	2

VHT40-BF_Nss1,(MCS0)_2TX **CSE NdB**

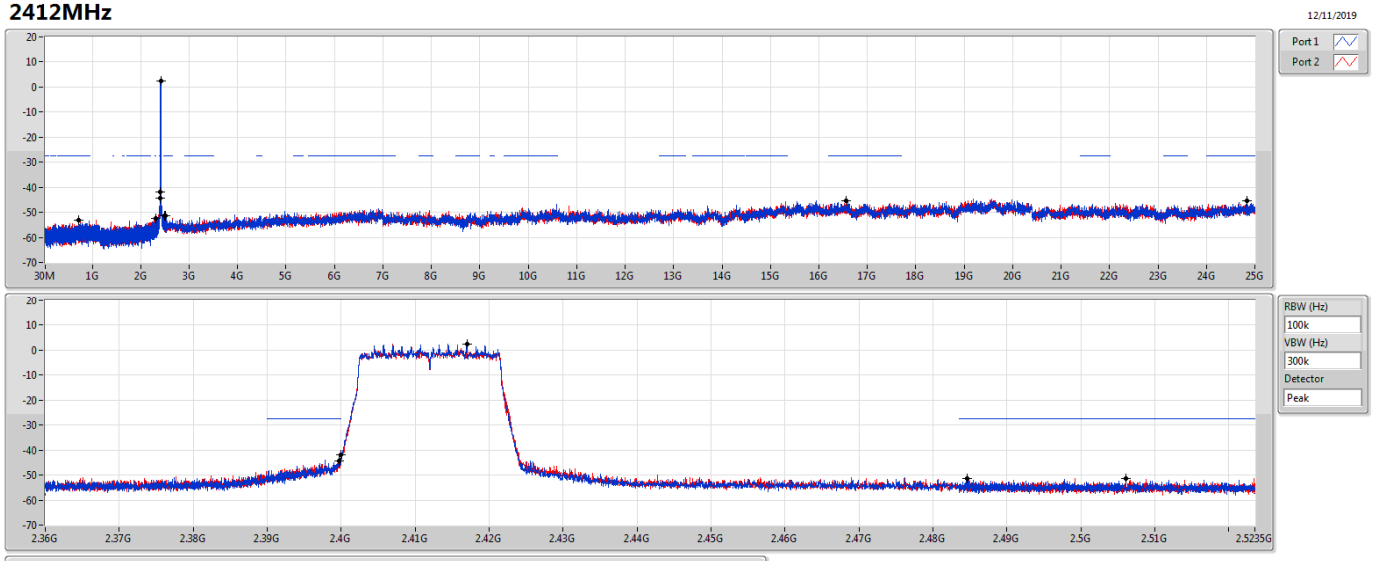
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	1.82	-28.18	2.3054G	-53.66	2.39292G	-50.24	2.48446G	-42.66	24.94952G	-45.71	1
2.41699G	1.82	-28.18	2.30826G	-52.38	2.39884G	-50.39	2.4895G	-44.11	24.71393G	-45.63	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSE NdB**

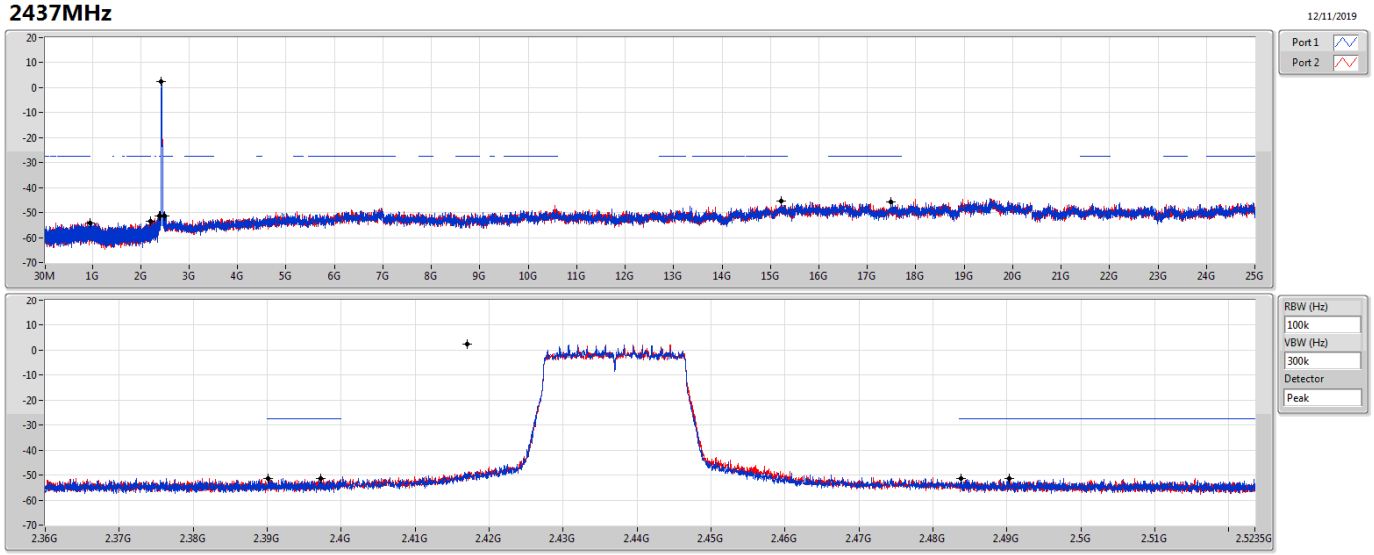
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	2.57	-27.43	2.30321G	-52.59	2.39996G	-41.88	2.48464G	-51.52	24.84547G	-45.51	1
2.41699G	2.57	-27.43	723.76M	-53.28	2.39976G	-44.17	2.50602G	-51.45	16.55726G	-45.55	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSE NdB**

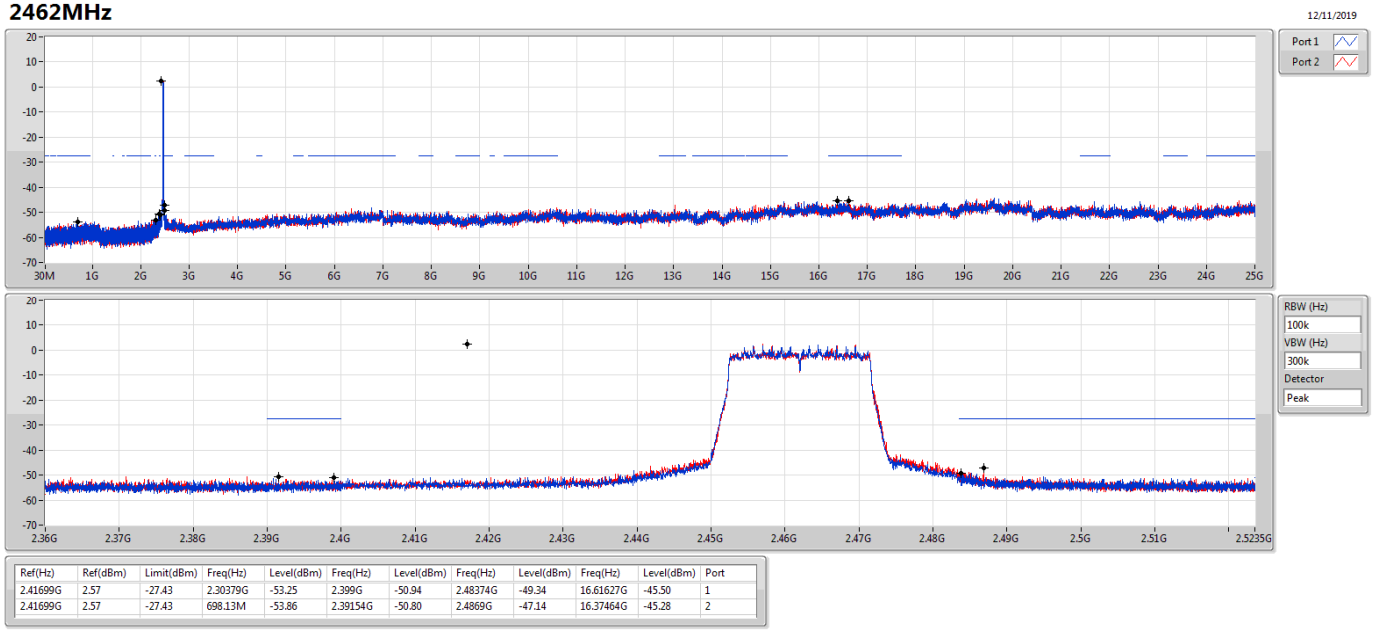
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	2.57	-27.43	951.81M	-54.07	2.3972G	-51.42	2.48374G	-51.38	17.48161G	-45.57	1
2.41699G	2.57	-27.43	2.19574G	-53.34	2.39014G	-51.29	2.49036G	-51.27	15.21429G	-45.38	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSE NdB**

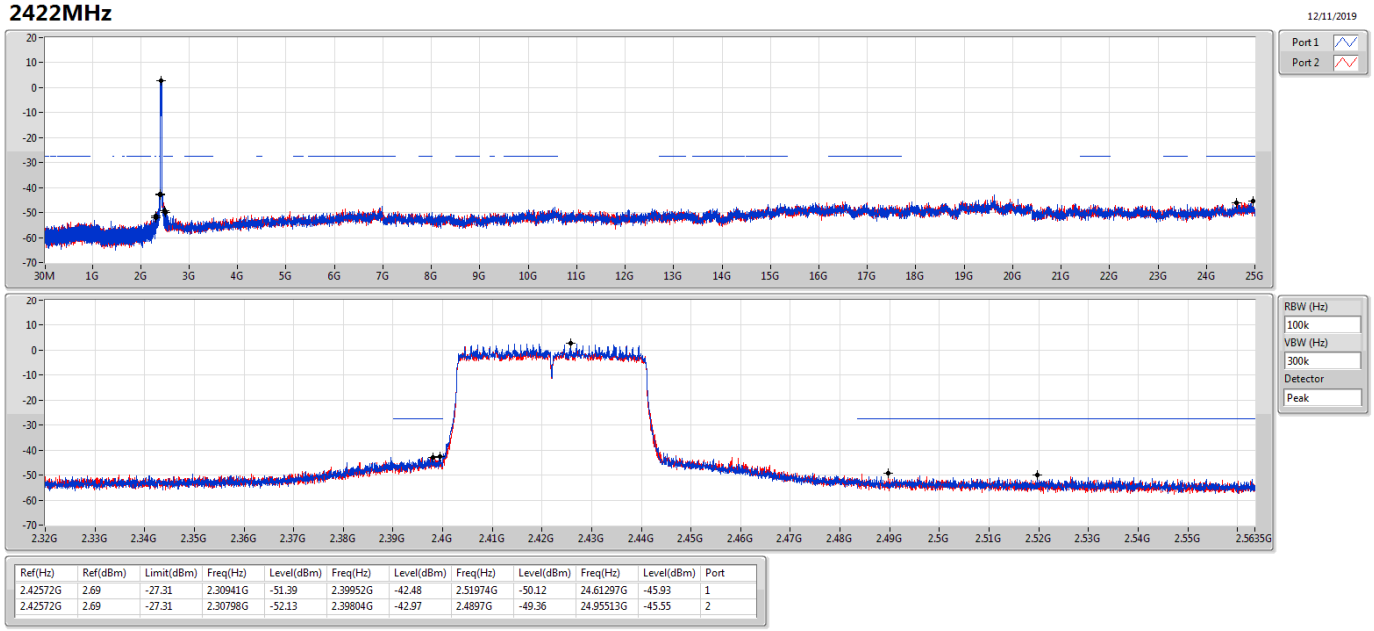
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41699G	2.57	-27.43	2.30379G	-53.25	2.399G	-50.94	2.48374G	-49.34	16.61627G	-45.50	1
2.41699G	2.57	-27.43	698.13M	-53.86	2.39154G	-50.80	2.4869G	-47.14	16.37464G	-45.28	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSE NdB**

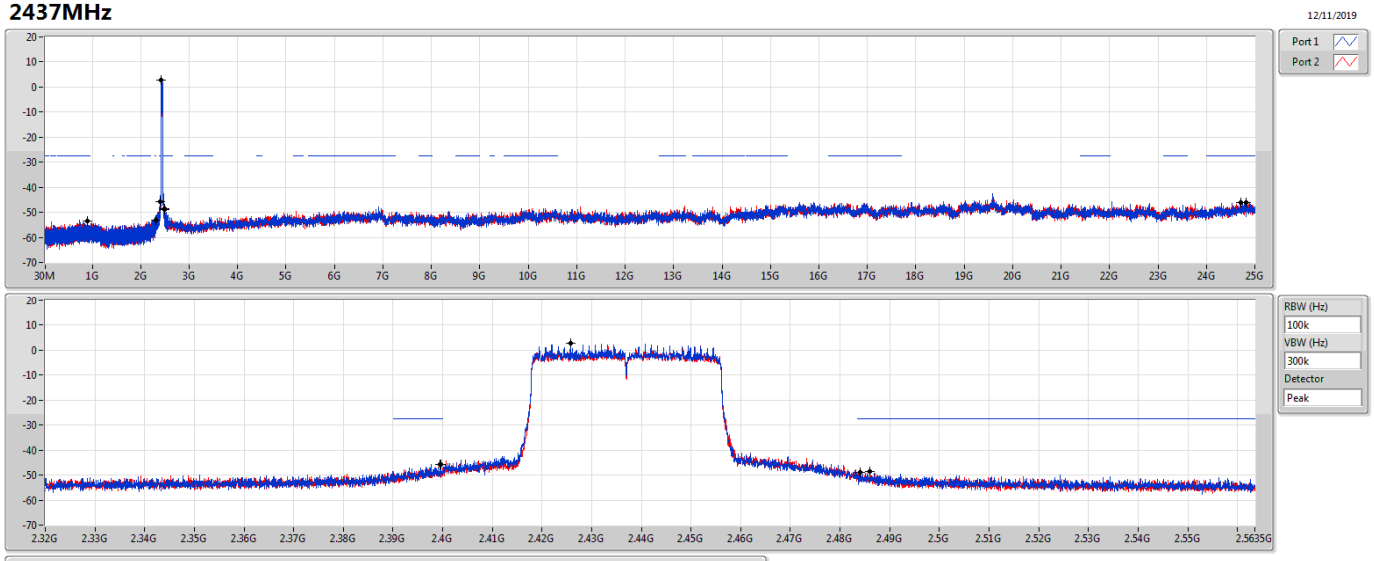
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42572G	2.69	-27.31	2.30941G	-51.39	2.39952G	-42.48	2.51974G	-50.12	24.61297G	-45.93	1
2.42572G	2.69	-27.31	2.30798G	-52.13	2.39804G	-42.97	2.4897G	-49.36	24.95513G	-45.55	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSE NdB**

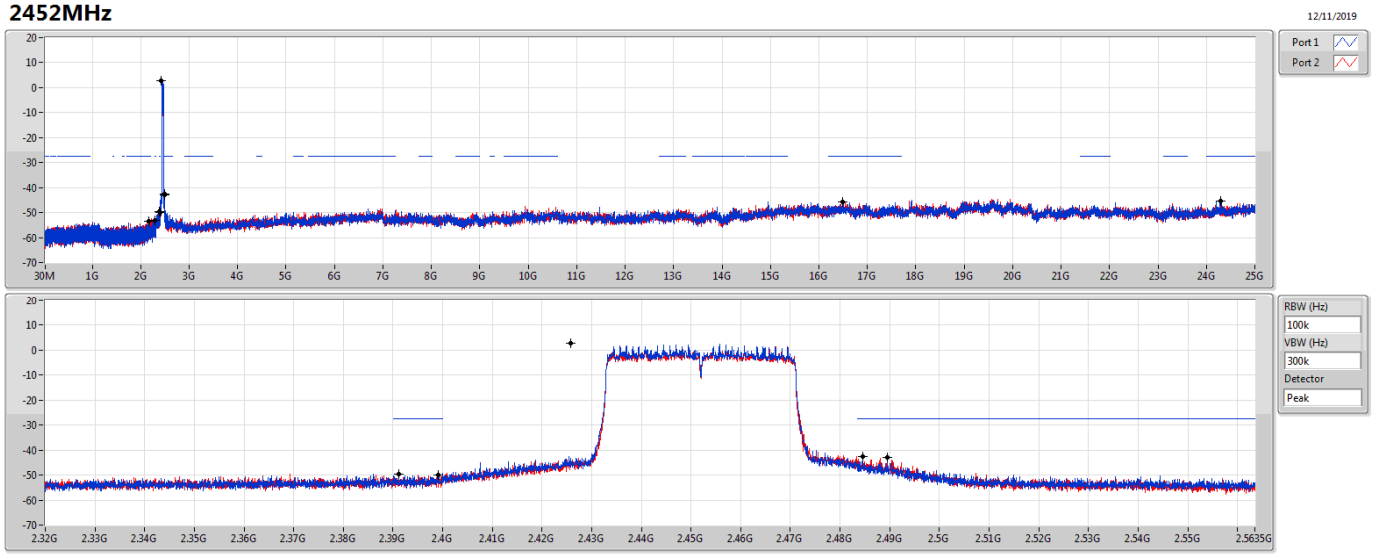
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42572G	2.69	-27.31	2.3054G	-52.98	2.39956G	-45.80	2.4841G	-48.88	24.71393G	-46.19	1
2.42572G	2.69	-27.31	901.06M	-53.50	2.39948G	-45.66	2.48606G	-48.40	24.82612G	-45.99	2

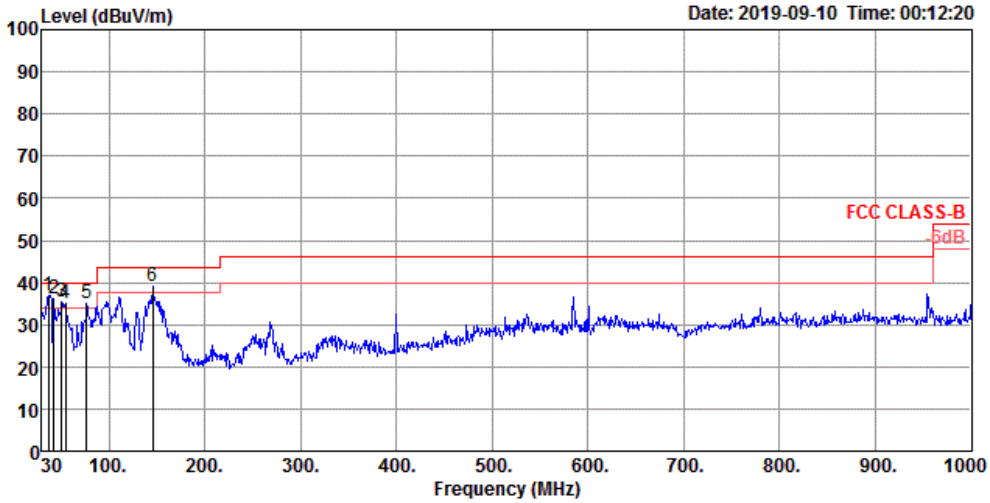
802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42572G	2.69	-27.31	2.30025G	-53.13	2.3912G	-49.46	2.4845G	-42.66	16.49657G	-45.83	1
2.42572G	2.69	-27.31	2.17459G	-53.65	2.39916G	-49.89	2.4895G	-43.08	24.29325G	-45.51	2

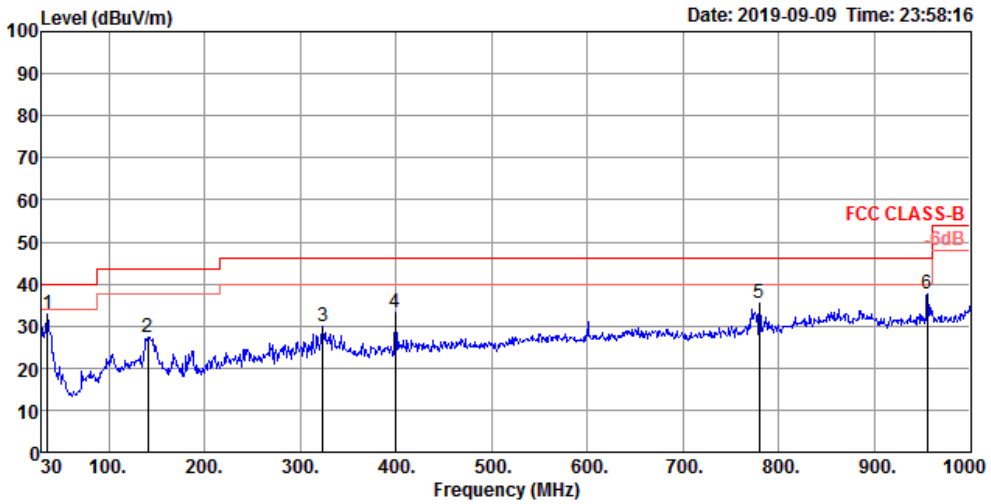
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	36.79	36.89	40.00	-3.11	43.97	0.71	20.78	28.57	300	257	Peak	VERTICAL
2	42.61	36.33	40.00	-3.67	46.47	0.77	17.65	28.56	150	223	Peak	VERTICAL
3	50.37	35.31	40.00	-4.69	49.01	0.83	14.03	28.56	125	100	Peak	VERTICAL
4	54.25	35.22	40.00	-4.78	35.22	0.00	0.00	0.00	125	38	Peak	VERTICAL
5	76.56	34.98	40.00	-5.02	34.98	0.00	0.00	0.00	125	110	Peak	VERTICAL
6	145.43	39.22	43.50	-4.28	49.27	1.40	16.82	28.27	150	189	Peak	VERTICAL

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

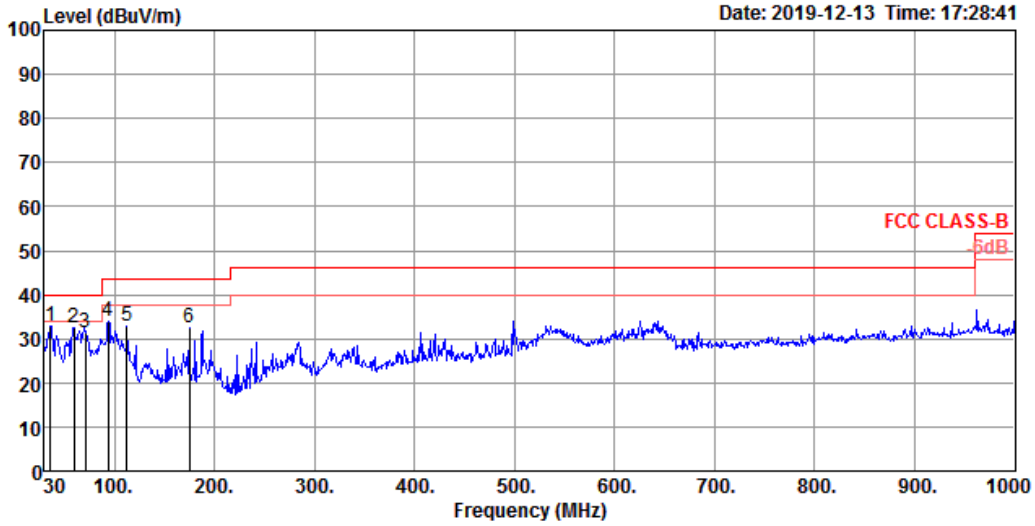
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	35.82	32.93	40.00	-7.07	39.63	0.70	21.17	28.57	300	196	Peak	HORIZONTAL
2	140.58	27.46	43.50	-16.04	37.53	1.37	16.85	28.29	200	165	Peak	HORIZONTAL
3	323.91	30.00	46.00	-16.00	36.51	2.11	19.51	28.13	150	134	Peak	HORIZONTAL
4	399.57	33.24	46.00	-12.76	38.04	2.33	21.66	28.79	125	213	Peak	HORIZONTAL
5	779.81	35.39	46.00	-10.61	35.36	3.30	26.10	29.37	125	299	Peak	HORIZONTAL
6	955.38	37.69	46.00	-8.31	35.93	3.68	26.99	28.91	300	12	Peak	HORIZONTAL

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

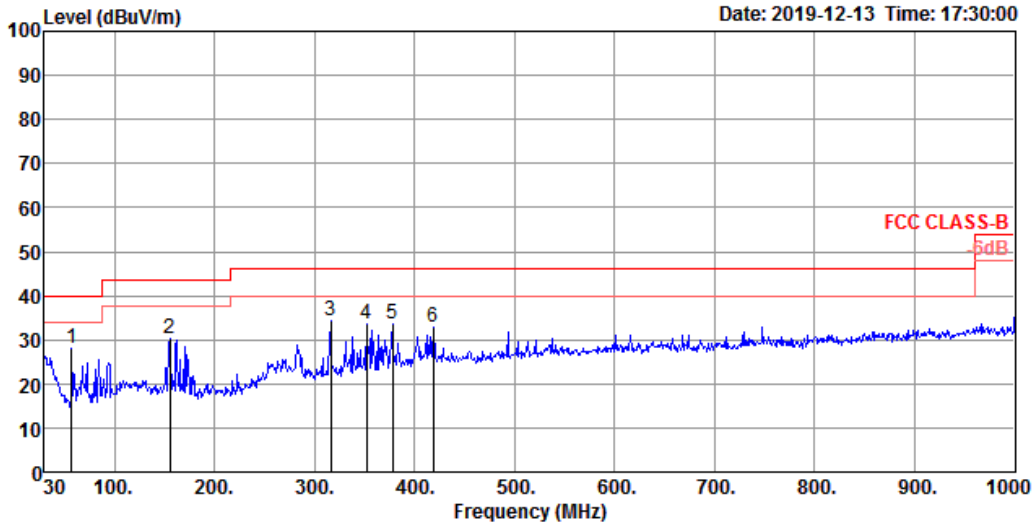
RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	35.82	32.88	40.00	-7.12	41.35	0.77	22.25	31.49	100	238	Peak	VERTICAL
2	59.10	32.48	40.00	-7.52	50.53	0.98	12.81	31.84	100	286	Peak	VERTICAL
3	70.74	31.36	40.00	-8.64	49.54	1.04	12.66	31.88	100	3	Peak	VERTICAL
4	94.02	33.91	43.50	-9.59	48.59	1.24	16.02	31.94	150	53	Peak	VERTICAL
5	112.45	32.77	43.50	-10.73	44.91	1.37	18.33	31.84	100	134	Peak	VERTICAL
6	174.53	32.30	43.50	-11.20	46.77	1.69	15.78	31.94	150	28	Peak	VERTICAL

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	57.16	28.14	40.00	-11.86	45.82	0.95	13.19	31.82	150	93	Peak	HORIZONTAL
2	155.13	30.24	43.50	-13.26	43.86	1.58	16.68	31.88	100	303	Peak	HORIZONTAL
3	316.15	34.45	46.00	-11.55	43.97	2.30	20.28	32.10	100	291	Peak	HORIZONTAL
4	352.04	33.59	46.00	-12.41	42.04	2.46	21.23	32.14	100	219	Peak	HORIZONTAL
5	378.23	33.64	46.00	-12.36	41.34	2.52	21.95	32.17	100	177	Peak	HORIZONTAL
6	418.97	32.80	46.00	-13.20	39.68	2.65	22.70	32.23	150	72	Peak	HORIZONTAL

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

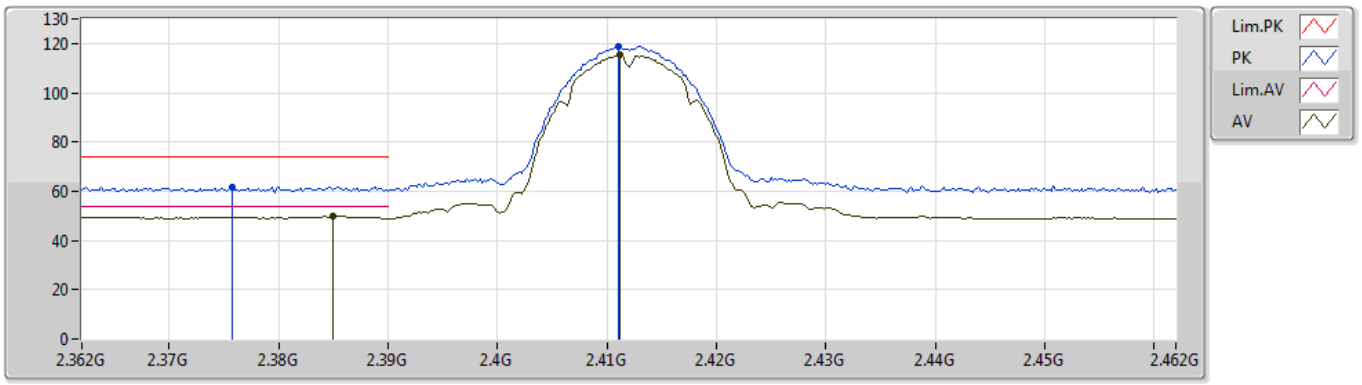
Summary

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 HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.484G	53.49	54.00	-0.51	31.39	3	Vertical	305	1.12	-

802.11b_Nss1,(1Mbps)_2TX

09/09/2019

2412MHz_TX



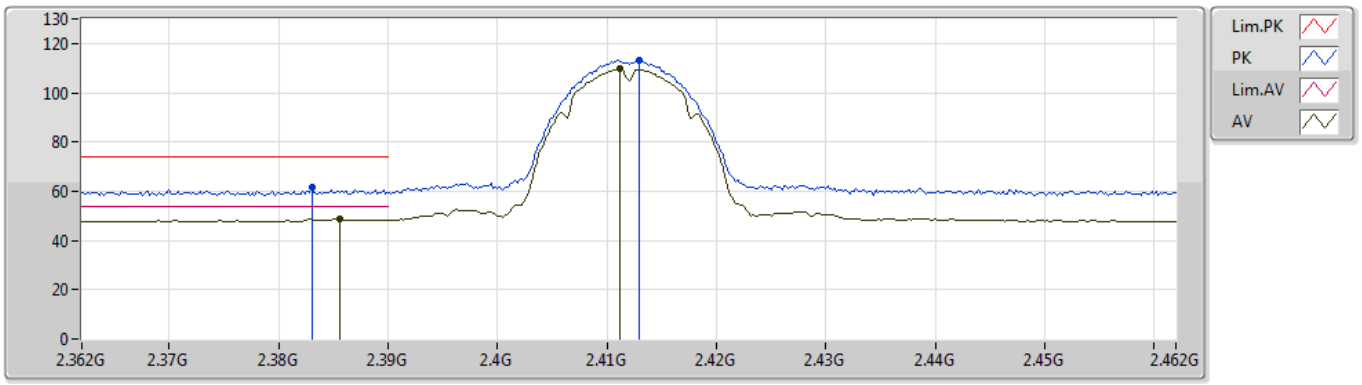
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3758G	61.77	74.00	-12.23	31.17	3	Vertical	295	1.99	-	30.60
AV	2.385G	50.06	54.00	-3.94	31.19	3	Vertical	295	1.99	-	18.87
PK	2.411G	118.71	Inf	-Inf	31.25	3	Vertical	295	1.99	-	87.46
AV	2.4112G	115.18	Inf	-Inf	31.25	3	Vertical	295	1.99	-	83.93

802.11b_Nss1,(1Mbps)_2TX

09/09/2019

2412MHz_TX



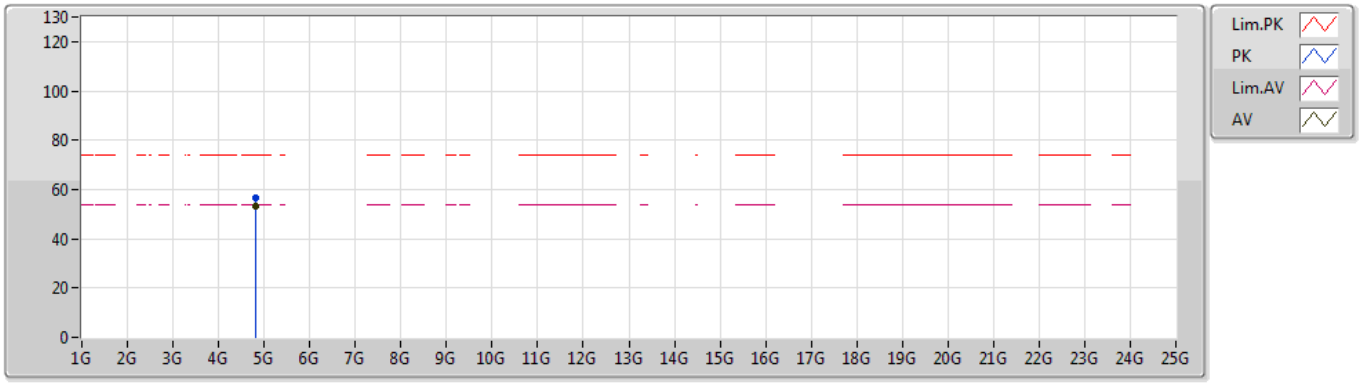
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.383G	61.59	74.00	-12.41	31.19	3	Horizontal	317	2.14	-	30.40
AV	2.3856G	48.63	54.00	-5.37	31.19	3	Horizontal	317	2.14	-	17.44
PK	2.413G	113.14	Inf	-Inf	31.26	3	Horizontal	317	2.14	-	81.88
AV	2.4112G	109.64	Inf	-Inf	31.25	3	Horizontal	317	2.14	-	78.39

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

09/09/2019



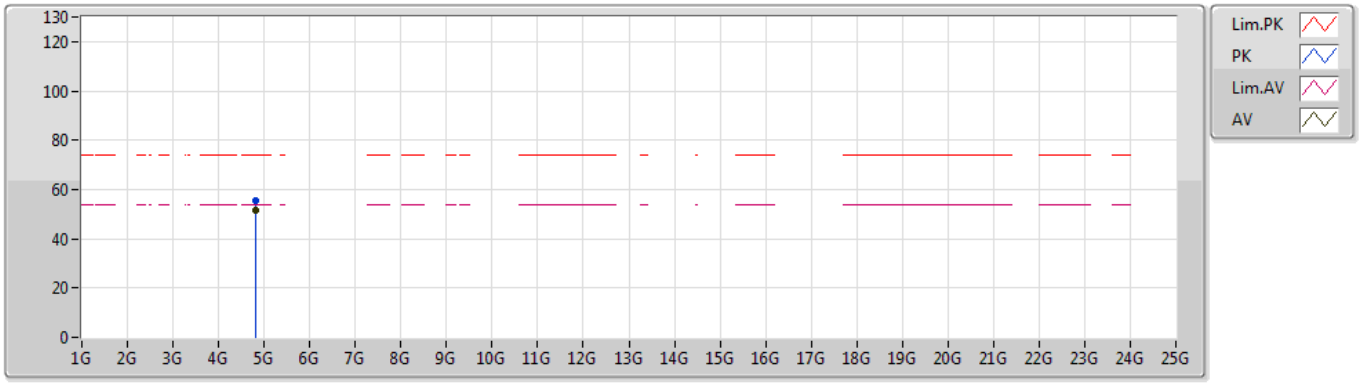
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.82398G	56.70	74.00	-17.30	7.17	3	Vertical	230	1.05	-	49.53
AV	4.82395G	53.48	54.00	-0.52	7.17	3	Vertical	230	1.05	-	46.31

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

09/09/2019



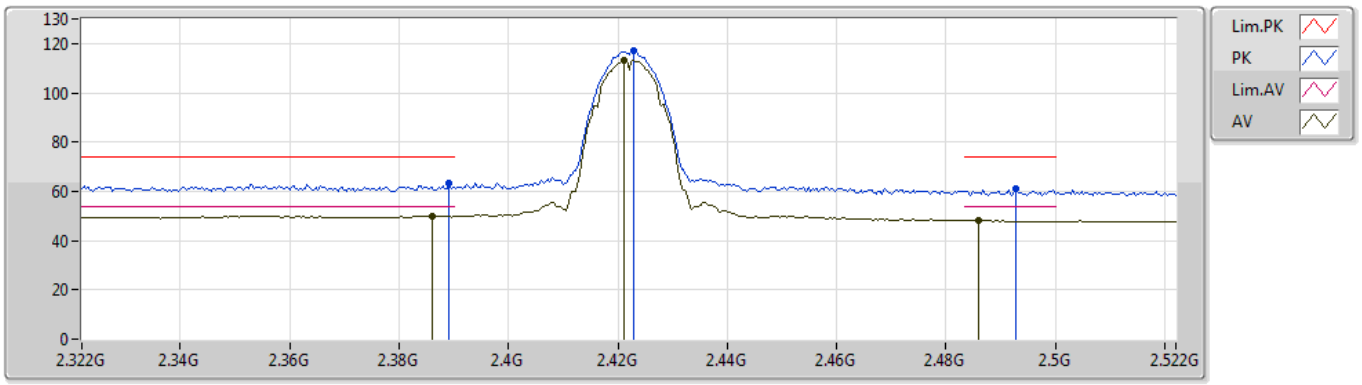
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.82396G	55.29	74.00	-18.71	7.17	3	Horizontal	203	1.19	-	48.12
AV	4.82397G	51.82	54.00	-2.18	7.17	3	Horizontal	203	1.19	-	44.65

802.11b_Nss1,(1Mbps)_2TX

2422MHz_TX

09/09/2019



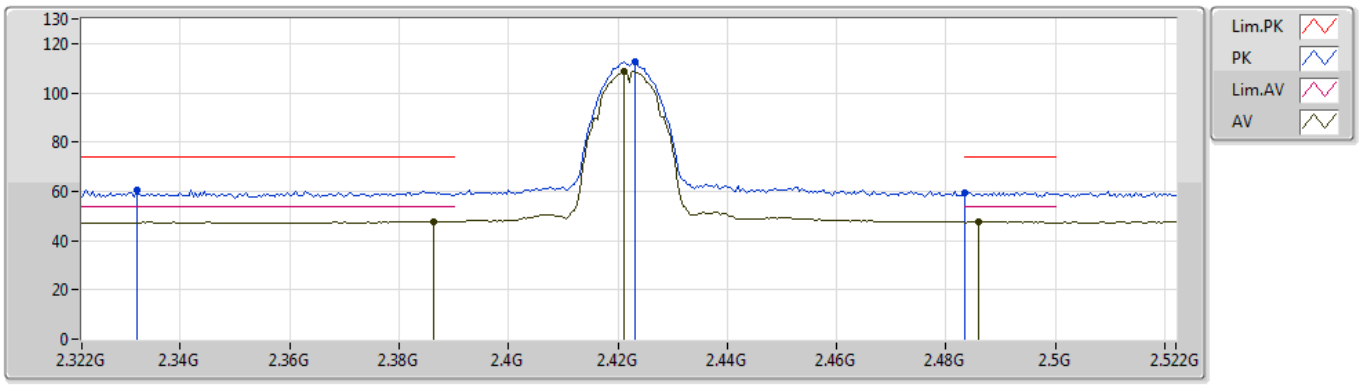
EUT Y_2TX
Setting 87
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3892G	63.31	74.00	-10.69	31.20	3	Vertical	311	1.01	-	32.11
AV	2.386G	50.03	54.00	-3.97	31.19	3	Vertical	311	1.01	-	18.84
PK	2.4228G	116.87	Inf	-Inf	31.28	3	Vertical	311	1.01	-	85.59
AV	2.4212G	113.34	Inf	-Inf	31.27	3	Vertical	311	1.01	-	82.07
PK	2.4928G	60.98	74.00	-13.02	31.42	3	Vertical	311	1.01	-	29.56
AV	2.486G	48.21	54.00	-5.79	31.40	3	Vertical	311	1.01	-	16.81

802.11b_Nss1,(1Mbps)_2TX

2422MHz_TX

09/09/2019



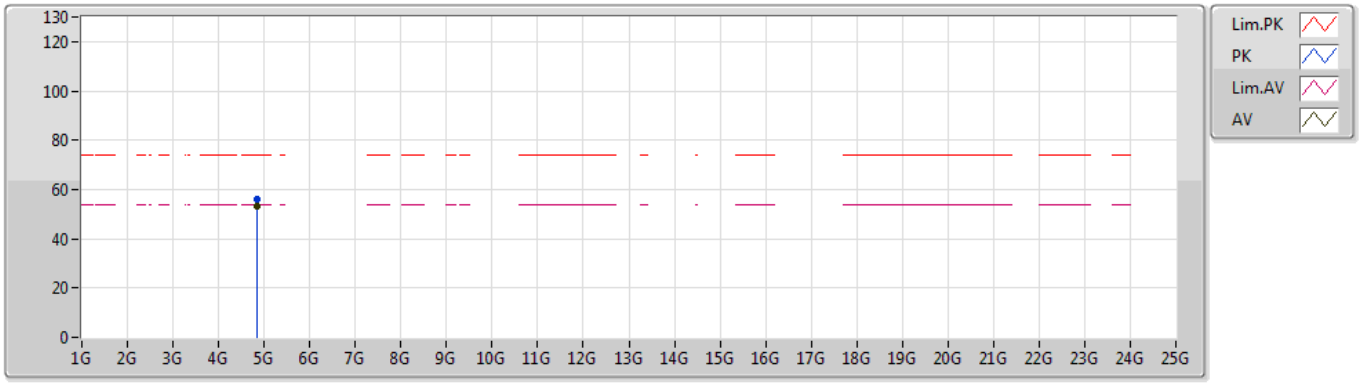
EUT Y_2TX
Setting 87
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.332G	60.76	74.00	-13.24	31.06	3	Horizontal	320	2.60	-	29.70
AV	2.3864G	47.89	54.00	-6.11	31.20	3	Horizontal	320	2.60	-	16.69
PK	2.4232G	112.39	Inf	-Inf	31.28	3	Horizontal	320	2.60	-	81.11
AV	2.4212G	108.87	Inf	-Inf	31.27	3	Horizontal	320	2.60	-	77.60
PK	2.4835G	59.57	74.00	-14.43	31.39	3	Horizontal	320	2.60	-	28.18
AV	2.486G	47.63	54.00	-6.37	31.40	3	Horizontal	320	2.60	-	16.23

802.11b_Nss1,(1Mbps)_2TX

2422MHz_TX

09/09/2019



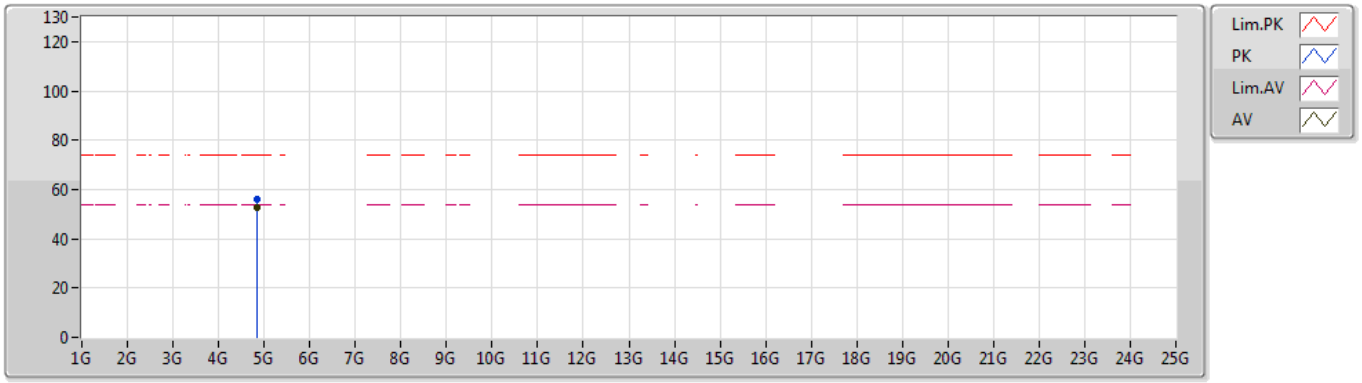
EUT Y_2TX
Setting 87
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.84395G	55.99	74.00	-18.01	7.21	3	Vertical	281	1.70	-	48.78
AV	4.84397G	53.39	54.00	-0.61	7.21	3	Vertical	281	1.70	-	46.18

802.11b_Nss1,(1Mbps)_2TX

2422MHz_TX

09/09/2019



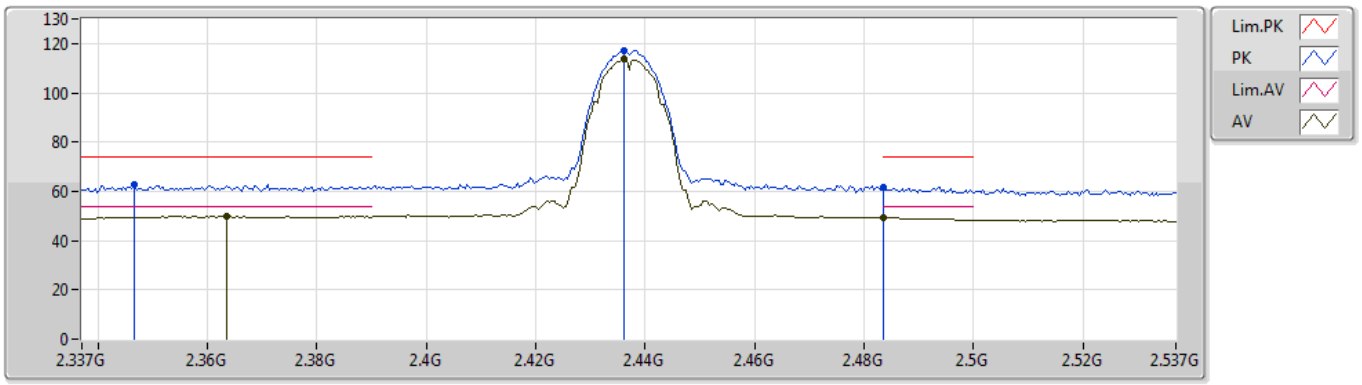
EUT Y_2TX
Setting 87
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.84395G	55.84	74.00	-18.16	7.21	3	Horizontal	209	2.69	-	48.63
AV	4.84396G	52.74	54.00	-1.26	7.21	3	Horizontal	209	2.69	-	45.53

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

09/09/2019



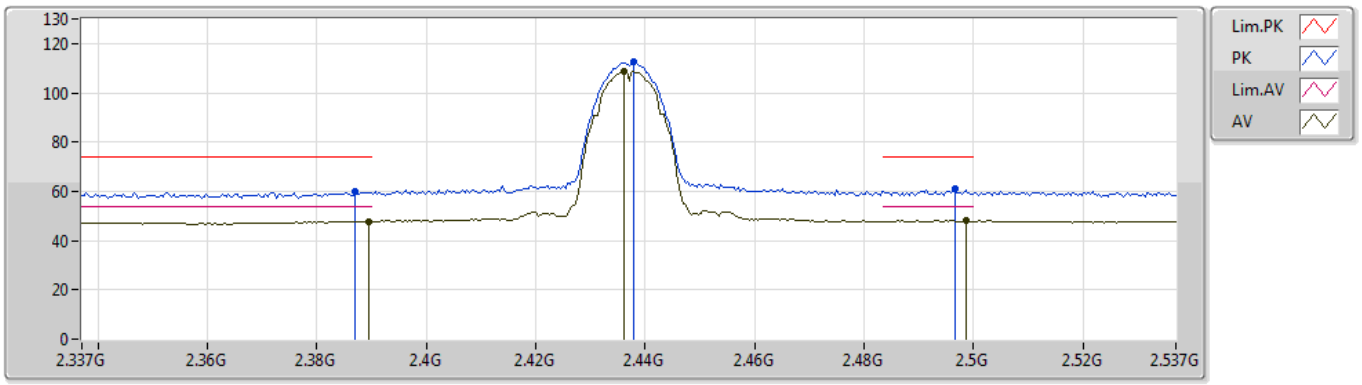
EUT Y_2TX
Setting 91
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3466G	62.70	74.00	-11.30	31.09	3	Vertical	298	1.01	-	31.61
AV	2.3634G	49.83	54.00	-4.17	31.13	3	Vertical	298	1.01	-	18.70
PK	2.4362G	117.13	Inf	-Inf	31.30	3	Vertical	298	1.01	-	85.83
AV	2.4362G	113.60	Inf	-Inf	31.30	3	Vertical	298	1.01	-	82.30
PK	2.4835G	61.84	74.00	-12.16	31.39	3	Vertical	298	1.01	-	30.45
AV	2.4835G	49.44	54.00	-4.56	31.39	3	Vertical	298	1.01	-	18.05

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

09/09/2019



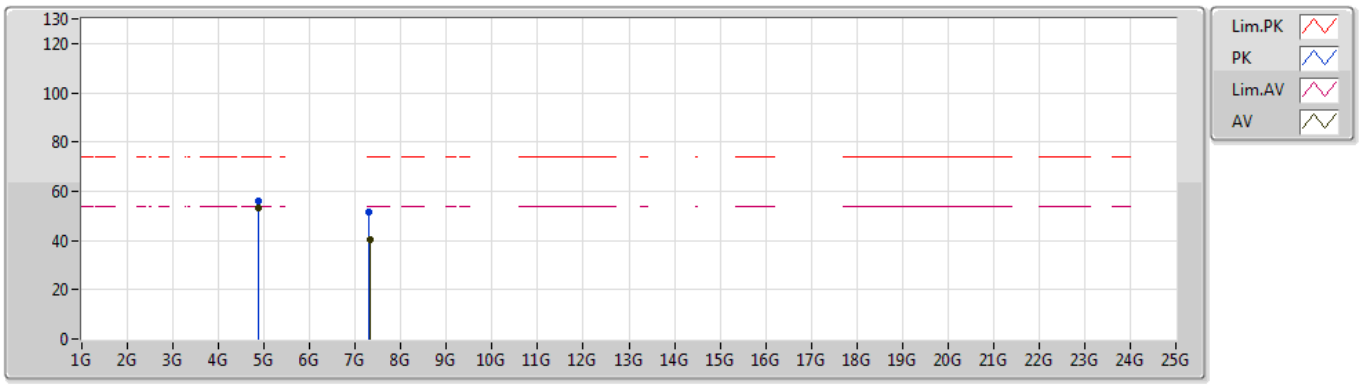
EUT Y_2TX
Setting 91
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.387G	59.84	74.00	-14.16	31.20	3	Horizontal	308	2.37	-	28.64
AV	2.3894G	47.79	54.00	-6.21	31.20	3	Horizontal	308	2.37	-	16.59
PK	2.4378G	112.49	Inf	-Inf	31.31	3	Horizontal	308	2.37	-	81.18
AV	2.4362G	108.90	Inf	-Inf	31.30	3	Horizontal	308	2.37	-	77.60
PK	2.4966G	60.97	74.00	-13.03	31.42	3	Horizontal	308	2.37	-	29.55
AV	2.4986G	48.12	54.00	-5.88	31.43	3	Horizontal	308	2.37	-	16.69

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

09/09/2019



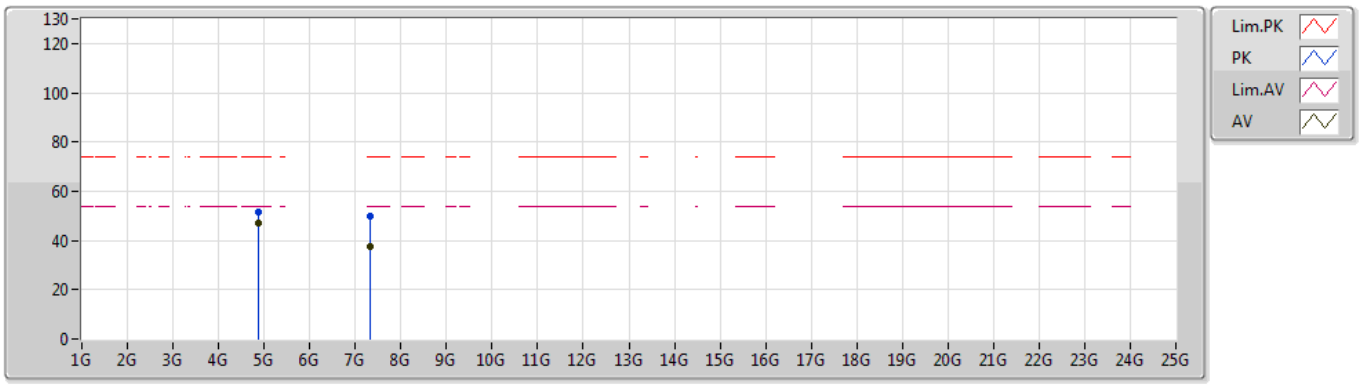
EUT Y_2TX
Setting 91
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.87403G	55.99	74.00	-18.01	7.28	3	Vertical	288	1.82	-	48.71
AV	4.87398G	53.45	54.00	-0.55	7.28	3	Vertical	288	1.82	-	46.17
PK	7.31002G	51.64	74.00	-22.36	10.54	3	Vertical	257	2.61	-	41.10
AV	7.31022G	40.38	54.00	-13.62	10.54	3	Vertical	257	2.61	-	29.84

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

09/09/2019



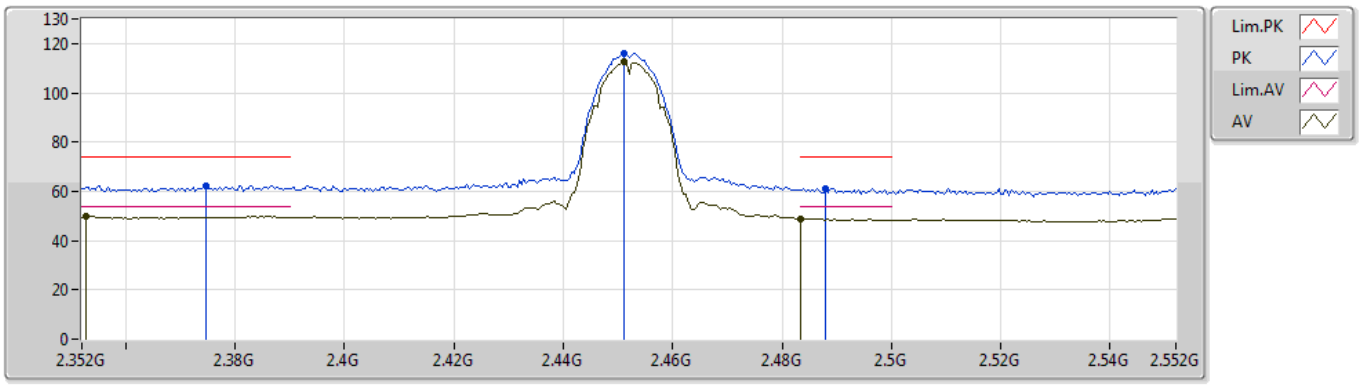
EUT Y_2TX
Setting 91
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.874G	51.66	74.00	-22.34	7.28	3	Horizontal	322	1.76	-	44.38
AV	4.87397G	47.11	54.00	-6.89	7.28	3	Horizontal	322	1.76	-	39.83
PK	7.31172G	49.83	74.00	-24.17	10.55	3	Horizontal	37	1.16	-	39.28
AV	7.31176G	37.59	54.00	-16.41	10.55	3	Horizontal	37	1.16	-	27.04

802.11b_Nss1,(1Mbps)_2TX

2452MHz_TX

09/09/2019



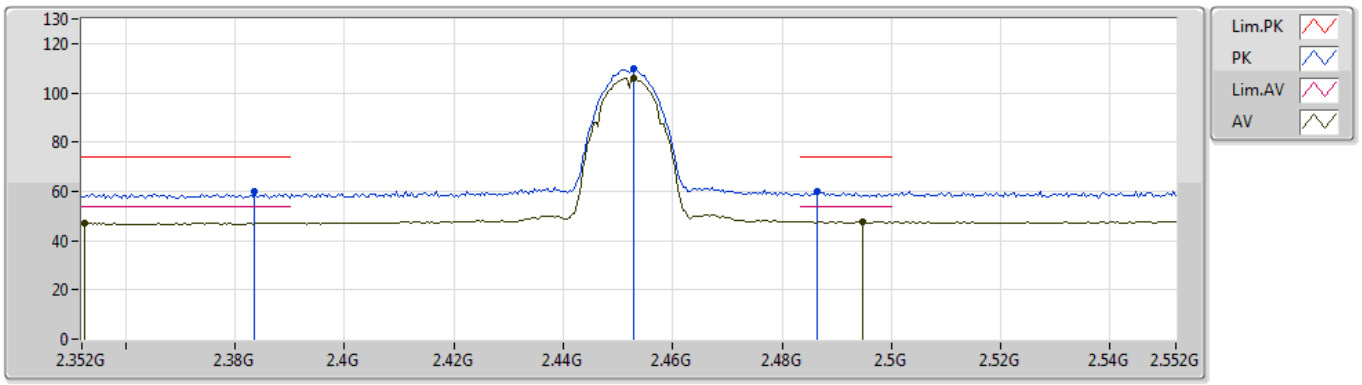
EUT Y_2TX
Setting 87
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3748G	62.42	74.00	-11.58	31.16	3	Vertical	297	1.10	-	31.26
AV	2.3528G	50.01	54.00	-3.99	31.12	3	Vertical	297	1.10	-	18.89
PK	2.4512G	116.00	Inf	-Inf	31.33	3	Vertical	297	1.10	-	84.67
AV	2.4512G	112.49	Inf	-Inf	31.33	3	Vertical	297	1.10	-	81.16
PK	2.488G	61.30	74.00	-12.70	31.41	3	Vertical	297	1.10	-	29.89
AV	2.4835G	48.96	54.00	-5.04	31.39	3	Vertical	297	1.10	-	17.57

802.11b_Nss1,(1Mbps)_2TX

2452MHz_TX

09/09/2019



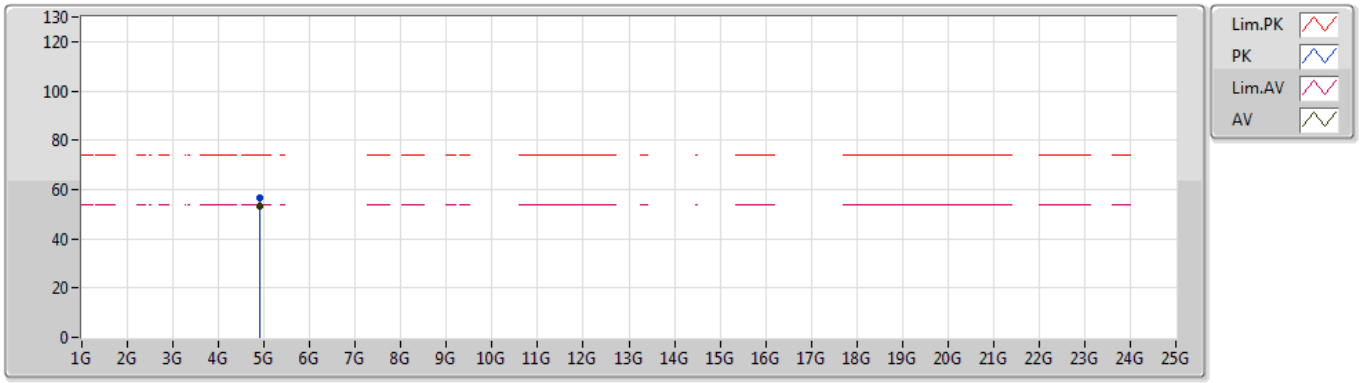
EUT Y_2TX
Setting 87
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3836G	59.69	74.00	-14.31	31.19	3	Horizontal	344	2.81	-	28.50
AV	2.3524G	47.07	54.00	-6.93	31.11	3	Horizontal	344	2.81	-	15.96
PK	2.4528G	109.71	Inf	-Inf	31.33	3	Horizontal	344	2.81	-	78.38
AV	2.4528G	105.98	Inf	-Inf	31.33	3	Horizontal	344	2.81	-	74.65
PK	2.4864G	60.07	74.00	-13.93	31.40	3	Horizontal	344	2.81	-	28.67
AV	2.4948G	47.59	54.00	-6.41	31.42	3	Horizontal	344	2.81	-	16.17

802.11b_Nss1,(1Mbps)_2TX

2452MHz_TX

09/09/2019



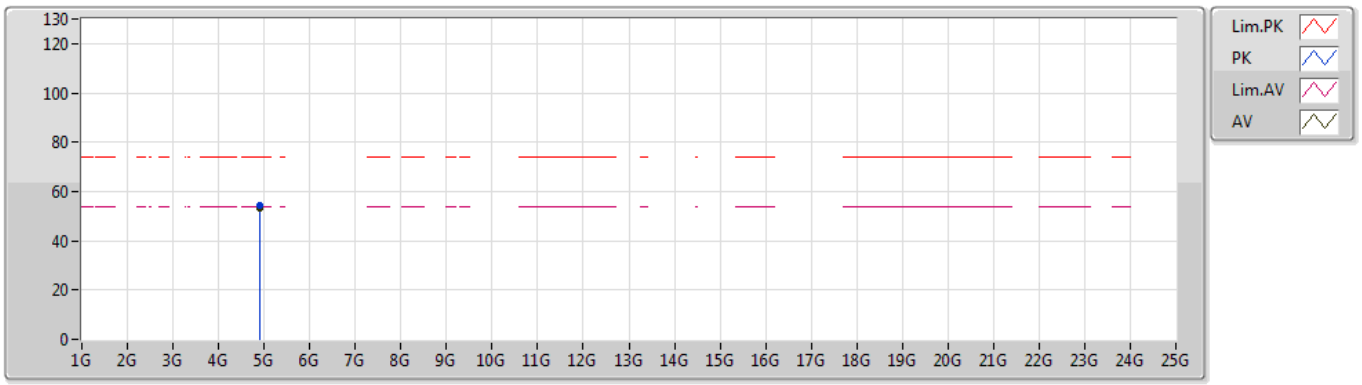
EUT Y_2TX
Setting 87
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.90396G	56.75	74.00	-17.25	7.36	3	Vertical	283	1.56	-	49.39
AV	4.90398G	53.34	54.00	-0.66	7.36	3	Vertical	283	1.56	-	45.98

802.11b_Nss1,(1Mbps)_2TX

09/09/2019

2452MHz_TX



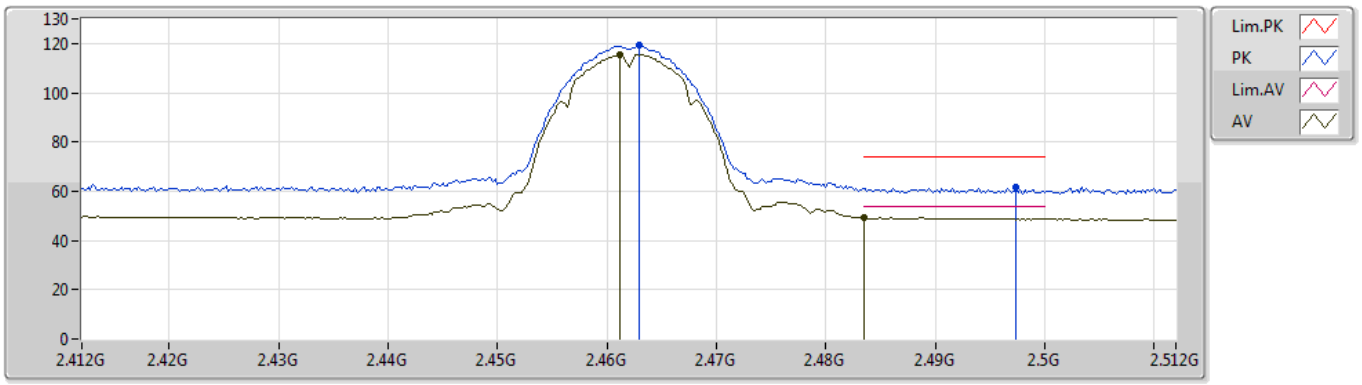
EUT Y_2TX
Setting 87
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.90392G	54.55	74.00	-19.45	7.36	3	Horizontal	114	2.88	-	47.19
AV	4.90402G	52.99	54.00	-1.01	7.36	3	Horizontal	114	2.88	-	45.63

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

09/09/2019



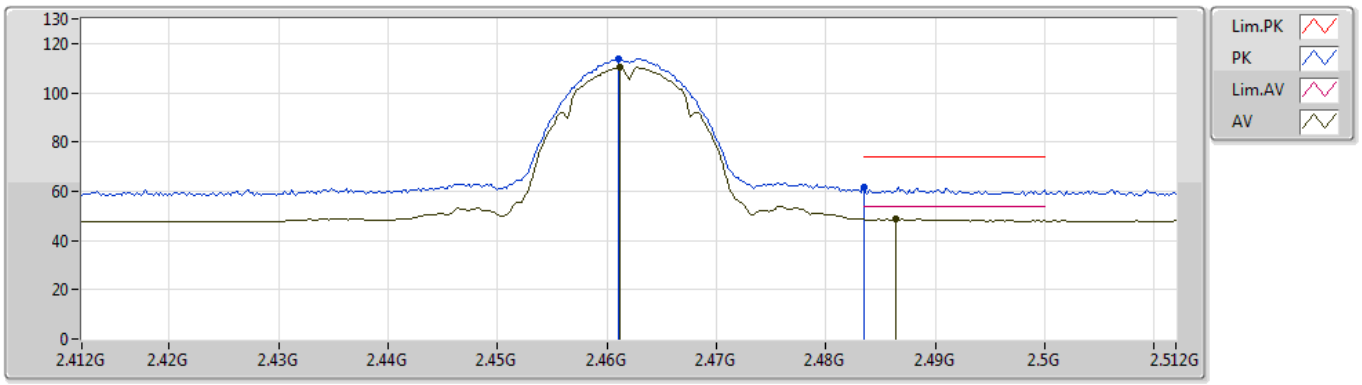
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.463G	119.21	Inf	-Inf	31.36	3	Vertical	294	1.57	-	87.85
AV	2.4612G	115.48	Inf	-Inf	31.35	3	Vertical	294	1.57	-	84.13
PK	2.4974G	61.49	74.00	-12.51	31.43	3	Vertical	294	1.57	-	30.06
AV	2.4835G	49.30	54.00	-4.70	31.39	3	Vertical	294	1.57	-	17.91

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

09/09/2019



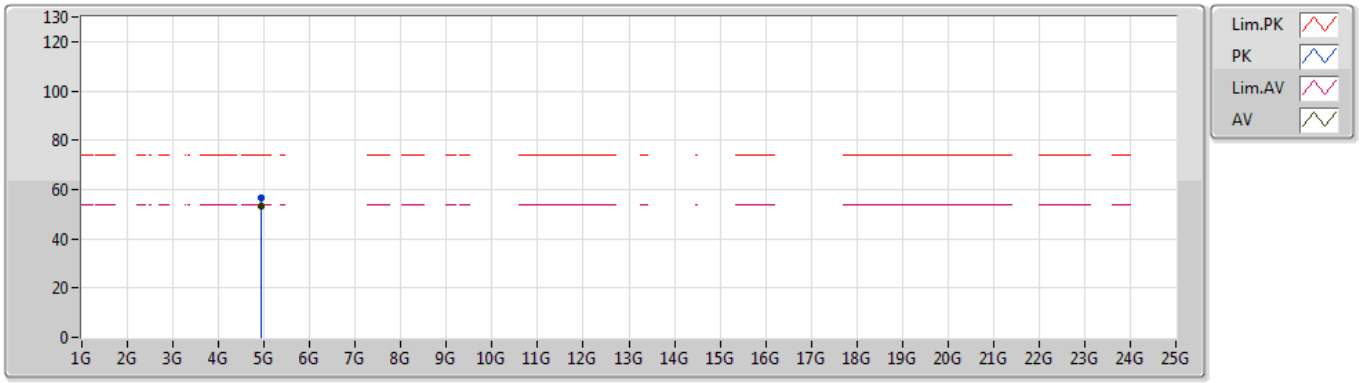
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.461G	113.86	Inf	-Inf	31.35	3	Horizontal	312	2.54	-	82.51
AV	2.4612G	110.27	Inf	-Inf	31.35	3	Horizontal	312	2.54	-	78.92
PK	2.4835G	61.91	74.00	-12.09	31.39	3	Horizontal	312	2.54	-	30.52
AV	2.4864G	48.73	54.00	-5.27	31.40	3	Horizontal	312	2.54	-	17.33

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

09/09/2019



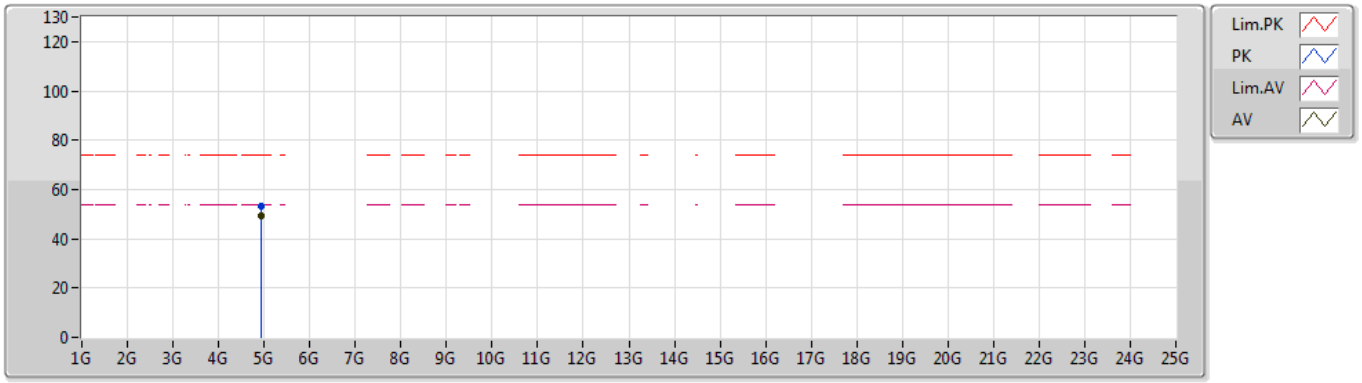
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.92396G	56.44	74.00	-17.56	7.40	3	Vertical	300	1.76	-	49.04
AV	4.92398G	53.43	54.00	-0.57	7.40	3	Vertical	300	1.76	-	46.03

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

09/09/2019



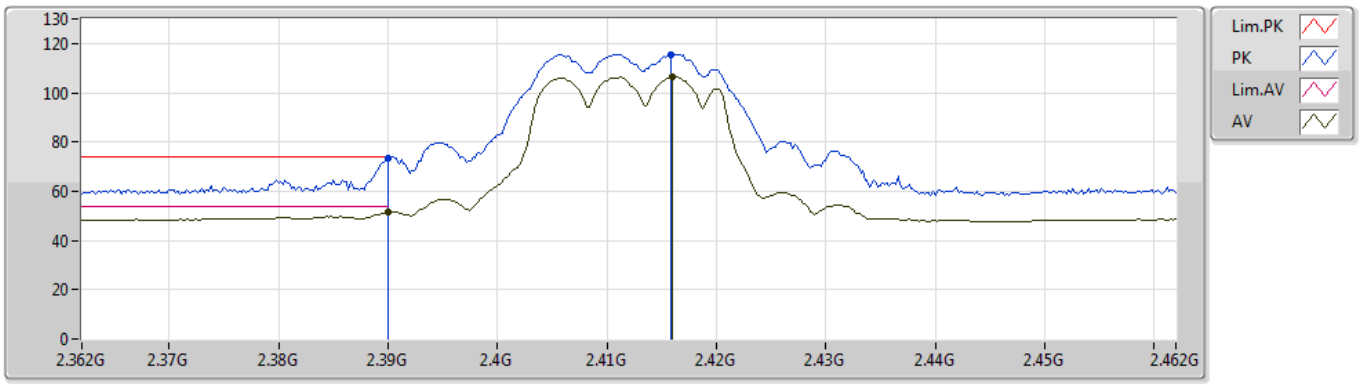
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.92403G	53.17	74.00	-20.83	7.40	3	Horizontal	148	1.85	-	45.77
AV	4.92398G	49.37	54.00	-4.63	7.40	3	Horizontal	148	1.85	-	41.97

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

09/09/2019



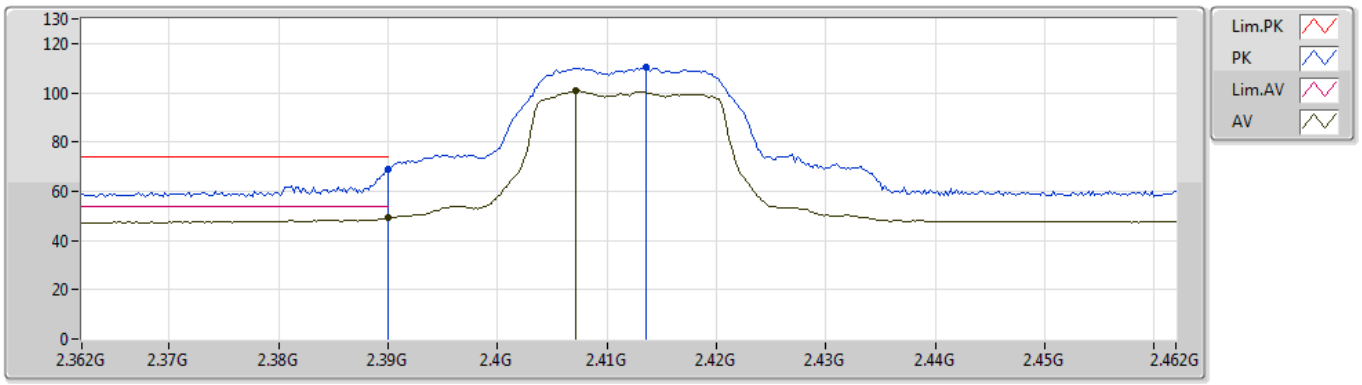
EUT Y_2TX
Setting 75
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	73.29	74.00	-0.71	31.20	3	Vertical	248	1.14	-	42.09
AV	2.39G	51.41	54.00	-2.59	31.20	3	Vertical	248	1.14	-	20.21
PK	2.4158G	115.57	Inf	-Inf	31.27	3	Vertical	248	1.14	-	84.30
AV	2.416G	106.68	Inf	-Inf	31.27	3	Vertical	248	1.14	-	75.41

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

09/09/2019



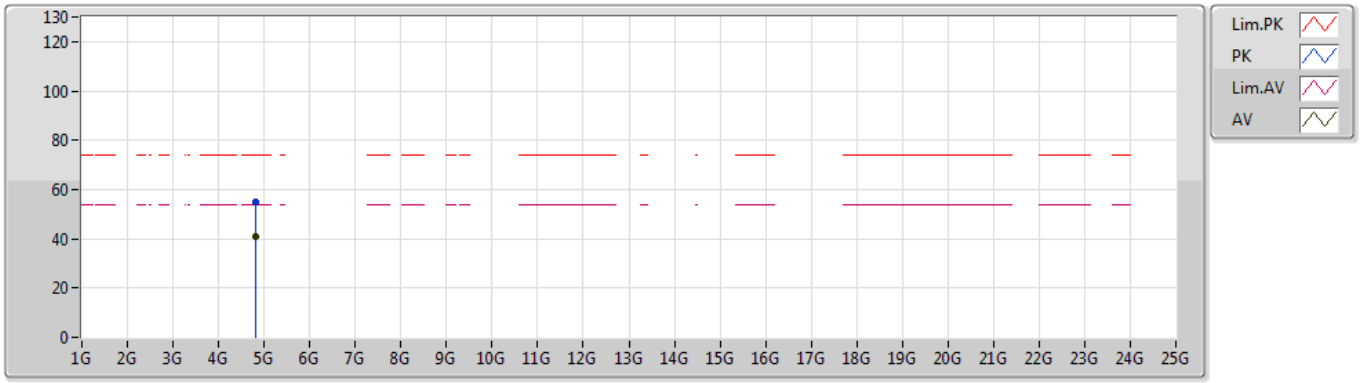
EUT Y_2TX
Setting 75
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	68.71	74.00	-5.29	31.20	3	Horizontal	318	2.44	-	37.51
AV	2.39G	49.14	54.00	-4.86	31.20	3	Horizontal	318	2.44	-	17.94
PK	2.4136G	110.26	Inf	-Inf	31.26	3	Horizontal	318	2.44	-	79.00
AV	2.4072G	100.82	Inf	-Inf	31.24	3	Horizontal	318	2.44	-	69.58

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

09/09/2019



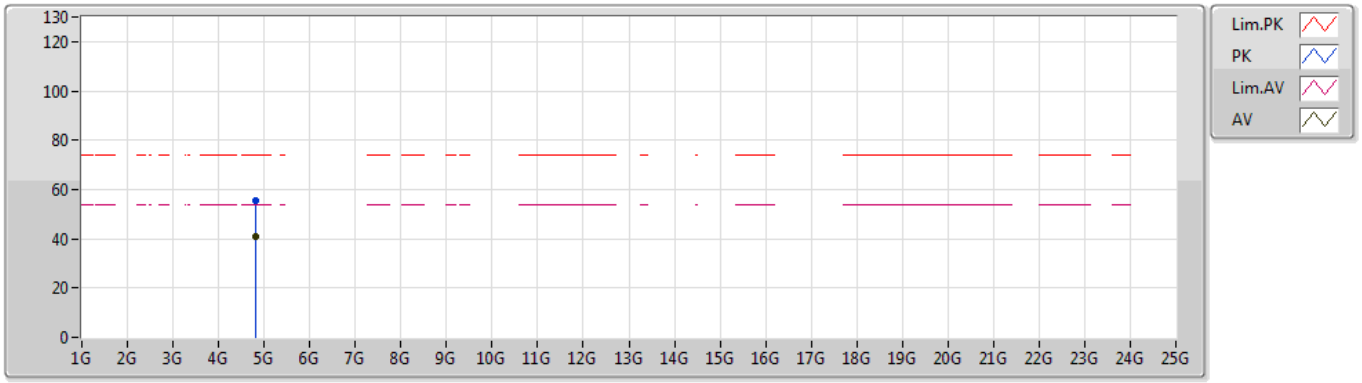
EUT Y_2TX
Setting 75
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8216G	55.06	74.00	-18.94	7.16	3	Vertical	60	2.26	-	47.90
AV	4.82632G	40.67	54.00	-13.33	7.18	3	Vertical	60	2.26	-	33.49

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

09/09/2019



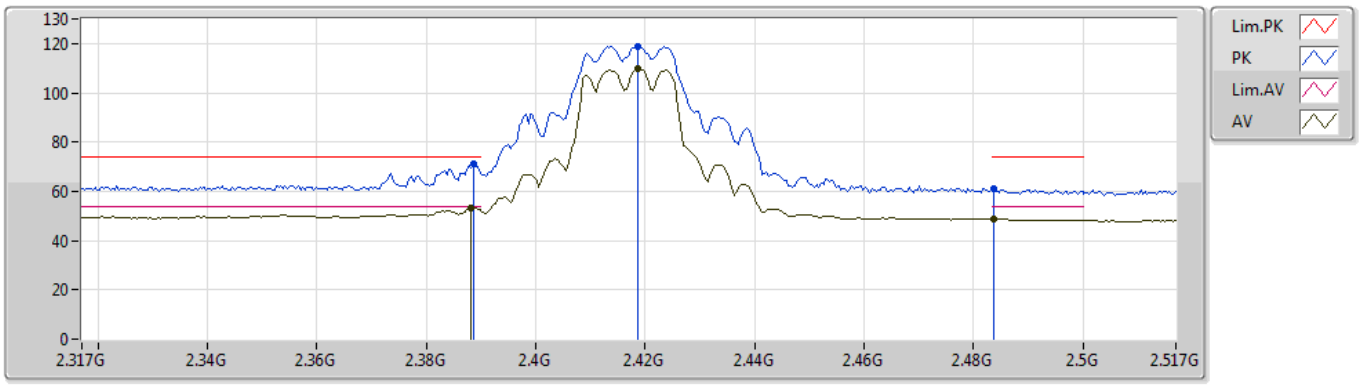
EUT Y_2TX
Setting 75
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.82176G	55.29	74.00	-18.71	7.16	3	Horizontal	282	1.00	-	48.13
AV	4.82116G	40.66	54.00	-13.34	7.16	3	Horizontal	282	1.00	-	33.50

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

09/09/2019



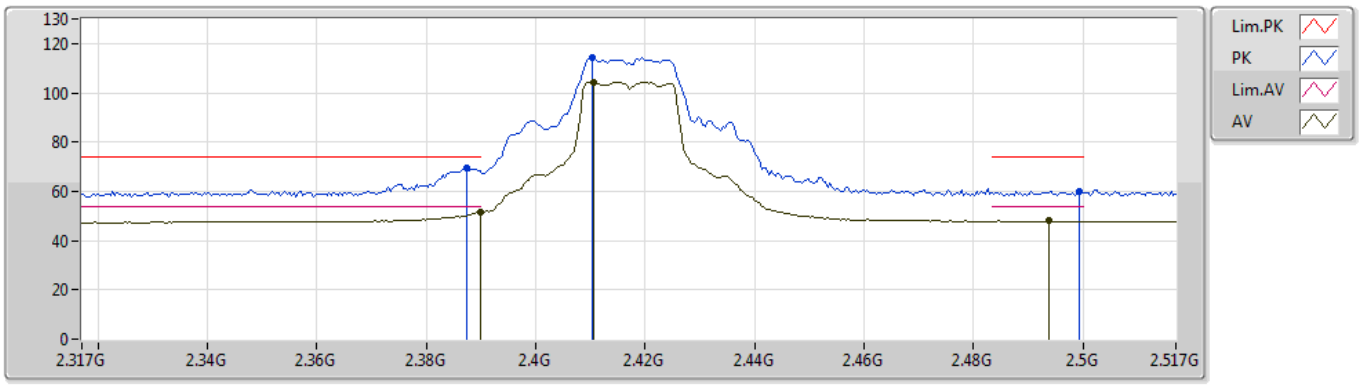
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3886G	71.28	74.00	-2.72	31.20	3	Vertical	330	1.38	-	40.08
AV	2.3882G	53.35	54.00	-0.65	31.20	3	Vertical	330	1.38	-	22.15
PK	2.4186G	119.03	Inf	-Inf	31.27	3	Vertical	330	1.38	-	87.76
AV	2.4186G	109.57	Inf	-Inf	31.27	3	Vertical	330	1.38	-	78.30
PK	2.4838G	61.11	74.00	-12.89	31.39	3	Vertical	330	1.38	-	29.72
AV	2.4838G	48.90	54.00	-5.10	31.39	3	Vertical	330	1.38	-	17.51

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

09/09/2019



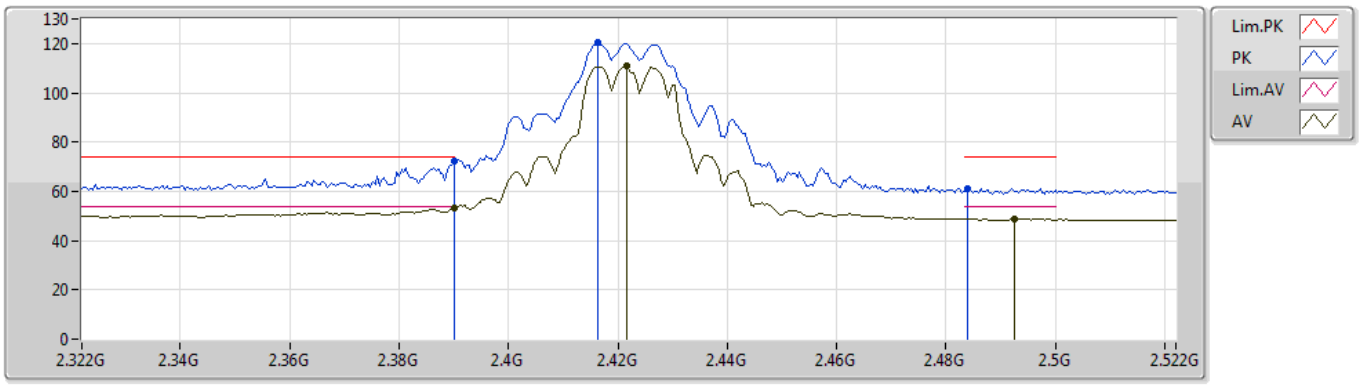
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3874G	69.40	74.00	-4.60	31.20	3	Horizontal	313	2.41	-	38.20
AV	2.3898G	51.62	54.00	-2.38	31.20	3	Horizontal	313	2.41	-	20.42
PK	2.4102G	114.39	Inf	-Inf	31.25	3	Horizontal	313	2.41	-	83.14
AV	2.4106G	104.46	Inf	-Inf	31.25	3	Horizontal	313	2.41	-	73.21
PK	2.4994G	59.98	74.00	-14.02	31.43	3	Horizontal	313	2.41	-	28.55
AV	2.4938G	48.00	54.00	-6.00	31.42	3	Horizontal	313	2.41	-	16.58

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

09/09/2019



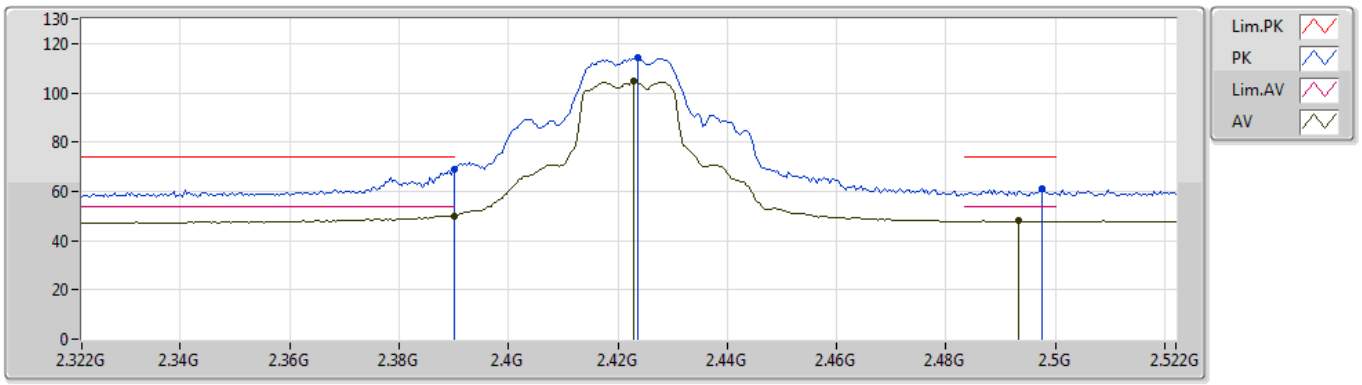
EUT Y_2TX
Setting 92
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	72.13	74.00	-1.87	31.20	3	Vertical	329	1.63	-	40.93
AV	2.39G	53.49	54.00	-0.51	31.20	3	Vertical	329	1.63	-	22.29
PK	2.4164G	120.48	Inf	-Inf	31.27	3	Vertical	329	1.63	-	89.21
AV	2.4216G	110.73	Inf	-Inf	31.27	3	Vertical	329	1.63	-	79.46
PK	2.484G	61.31	74.00	-12.69	31.39	3	Vertical	329	1.63	-	29.92
AV	2.4924G	48.90	54.00	-5.10	31.42	3	Vertical	329	1.63	-	17.48

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

09/09/2019



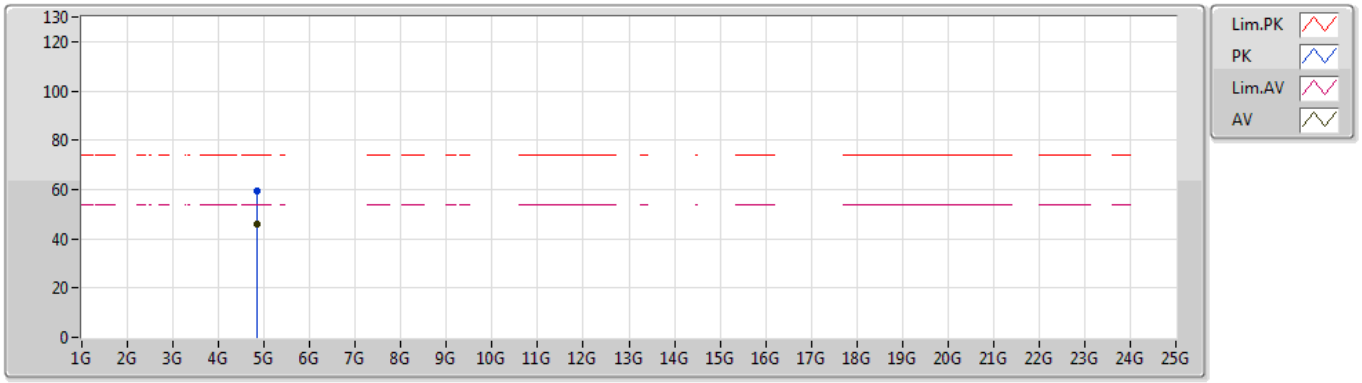
EUT Y_2TX
Setting 92
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	68.76	74.00	-5.24	31.20	3	Horizontal	304	2.66	-	37.56
AV	2.39G	50.01	54.00	-3.99	31.20	3	Horizontal	304	2.66	-	18.81
PK	2.4236G	114.28	Inf	-Inf	31.28	3	Horizontal	304	2.66	-	83.00
AV	2.4228G	104.78	Inf	-Inf	31.28	3	Horizontal	304	2.66	-	73.50
PK	2.4976G	61.06	74.00	-12.94	31.43	3	Horizontal	304	2.66	-	29.63
AV	2.4932G	47.98	54.00	-6.02	31.42	3	Horizontal	304	2.66	-	16.56

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

09/09/2019



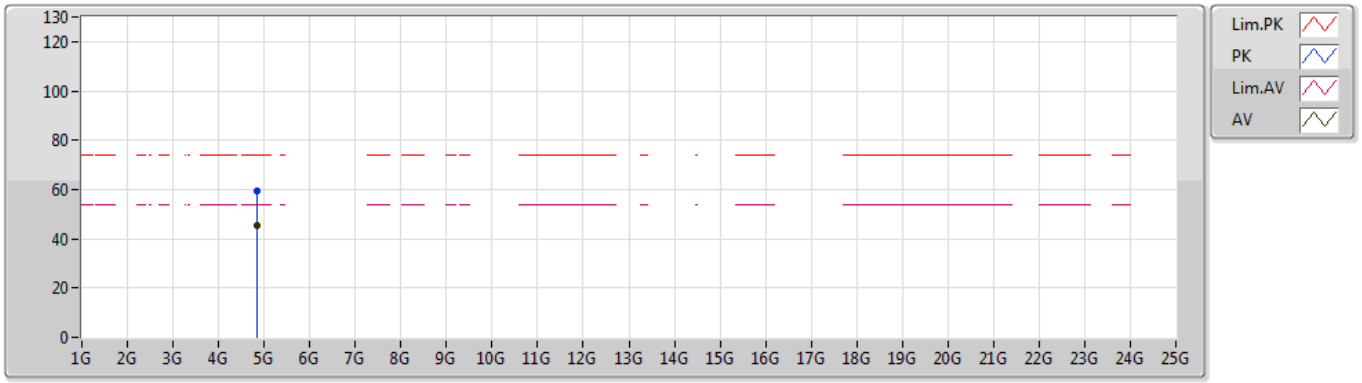
EUT Y_2TX
Setting 92
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8418G	59.64	74.00	-14.36	7.21	3	Vertical	354	2.54	-	52.43
AV	4.84616G	45.68	54.00	-8.32	7.22	3	Vertical	354	2.54	-	38.46

802.11g_Nss1,(6Mbps)_2TX

2422MHz_TX

09/09/2019



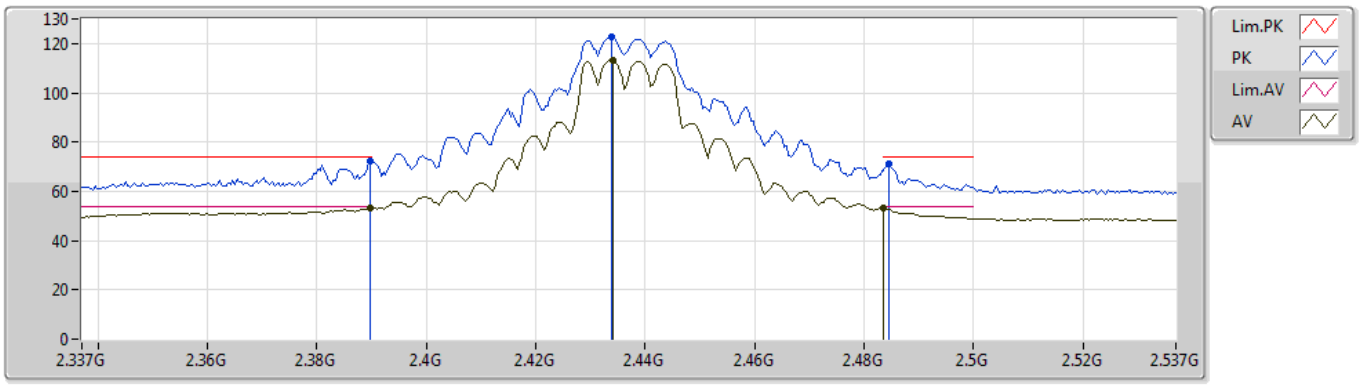
EUT Y_2TX
Setting 92
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.84158G	59.55	74.00	-14.45	7.21	3	Horizontal	81	1.94	-	52.34
AV	4.84624G	45.60	54.00	-8.40	7.22	3	Horizontal	81	1.94	-	38.38

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

09/09/2019



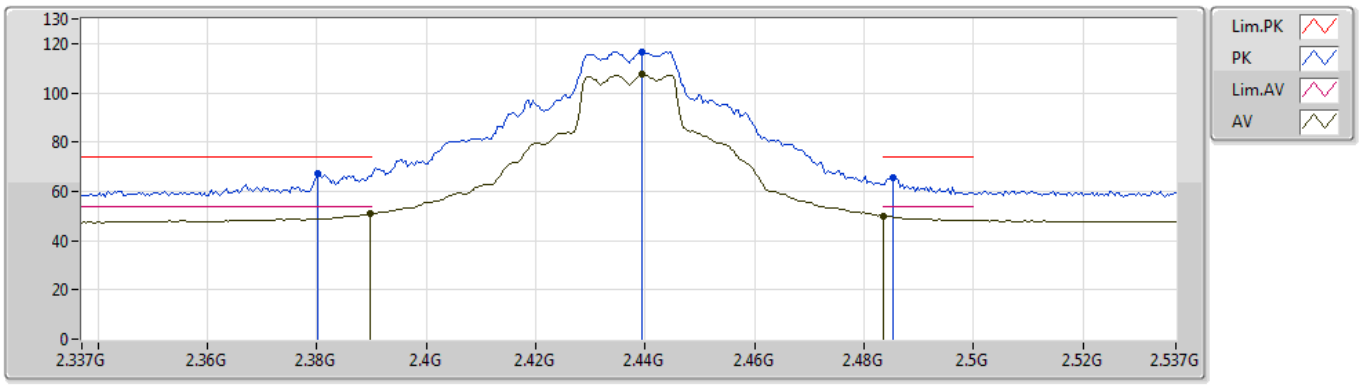
EUT Y_2TX
Setting 102
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	72.53	74.00	-1.47	31.20	3	Vertical	279	1.47	-	41.33
AV	2.3898G	53.48	54.00	-0.52	31.20	3	Vertical	279	1.47	-	22.28
PK	2.4338G	122.75	Inf	-Inf	31.29	3	Vertical	279	1.47	-	91.46
AV	2.4342G	113.10	Inf	-Inf	31.29	3	Vertical	279	1.47	-	81.81
PK	2.4846G	71.33	74.00	-2.67	31.40	3	Vertical	279	1.47	-	39.93
AV	2.4835G	53.31	54.00	-0.69	31.39	3	Vertical	279	1.47	-	21.92

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

09/09/2019



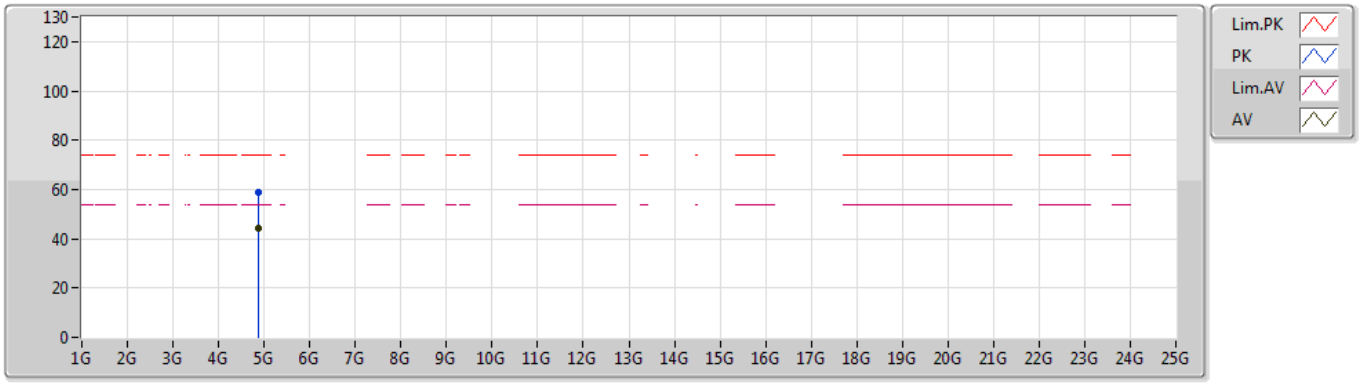
EUT Y_2TX
Setting 102
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3802G	67.30	74.00	-6.70	31.18	3	Horizontal	329	2.18	-	36.12
AV	2.3898G	50.86	54.00	-3.14	31.20	3	Horizontal	329	2.18	-	19.66
PK	2.4394G	116.67	Inf	-Inf	31.31	3	Horizontal	329	2.18	-	85.36
AV	2.4394G	107.35	Inf	-Inf	31.31	3	Horizontal	329	2.18	-	76.04
PK	2.4854G	65.33	74.00	-8.67	31.40	3	Horizontal	329	2.18	-	33.93
AV	2.4835G	49.97	54.00	-4.03	31.39	3	Horizontal	329	2.18	-	18.58

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

09/09/2019



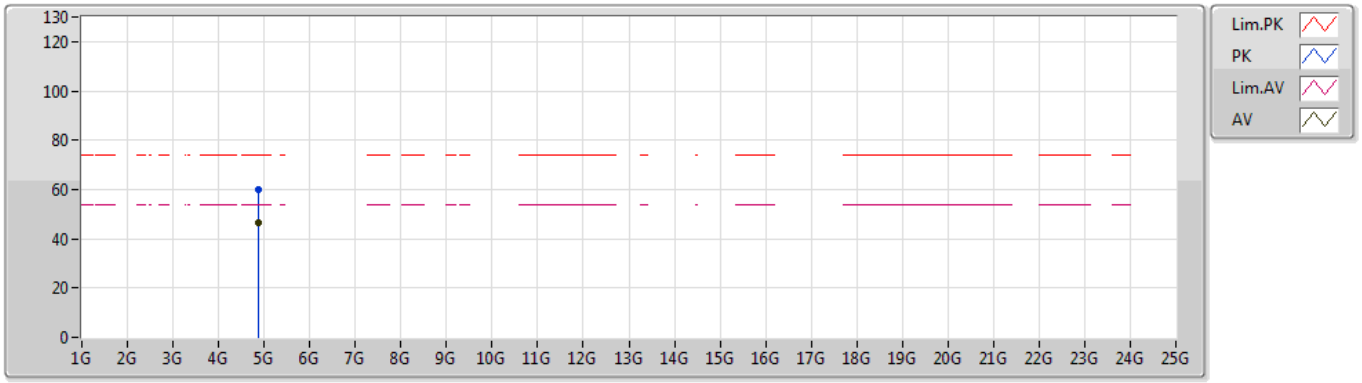
EUT Y_2TX
Setting 102
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.87106G	58.67	74.00	-15.33	7.28	3	Vertical	289	1.50	-	51.39
AV	4.8757G	44.49	54.00	-9.51	7.29	3	Vertical	289	1.50	-	37.20

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

09/09/2019



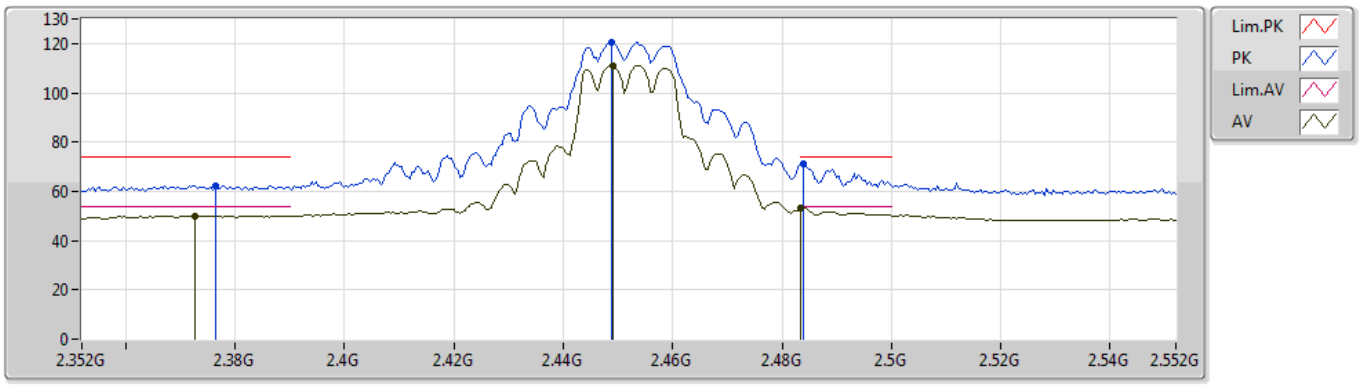
EUT Y_2TX
Setting 102
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.87148G	59.94	74.00	-14.06	7.28	3	Horizontal	199	2.03	-	52.66
AV	4.87656G	46.37	54.00	-7.63	7.30	3	Horizontal	199	2.03	-	39.07

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

09/09/2019



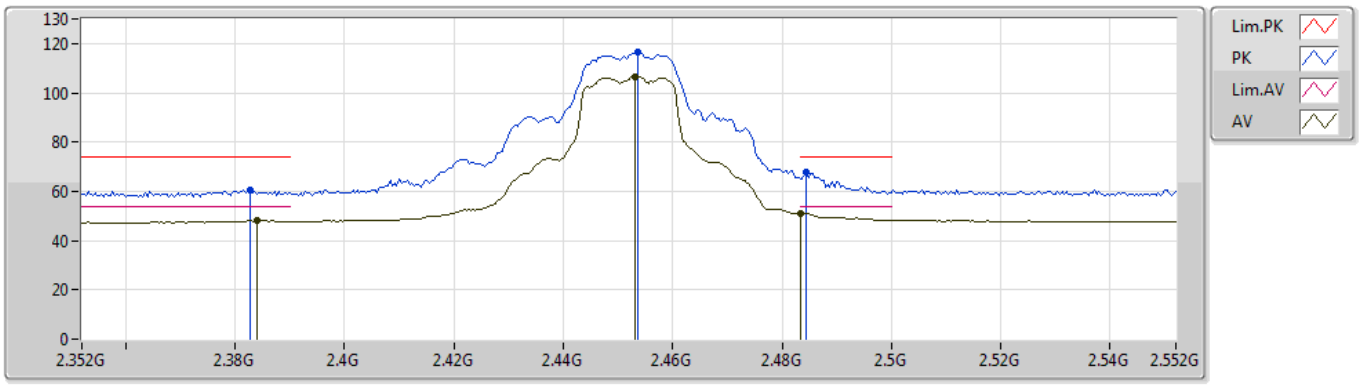
EUT Y_2TX
Setting 95
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3764G	62.30	74.00	-11.70	31.17	3	Vertical	262	1.43	-	31.13
AV	2.3728G	50.00	54.00	-4.00	31.16	3	Vertical	262	1.43	-	18.84
PK	2.4488G	120.66	Inf	-Inf	31.33	3	Vertical	262	1.43	-	89.33
AV	2.4492G	111.04	Inf	-Inf	31.33	3	Vertical	262	1.43	-	79.71
PK	2.484G	71.31	74.00	-2.69	31.39	3	Vertical	262	1.43	-	39.92
AV	2.4835G	53.45	54.00	-0.55	31.39	3	Vertical	262	1.43	-	22.06

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

09/09/2019



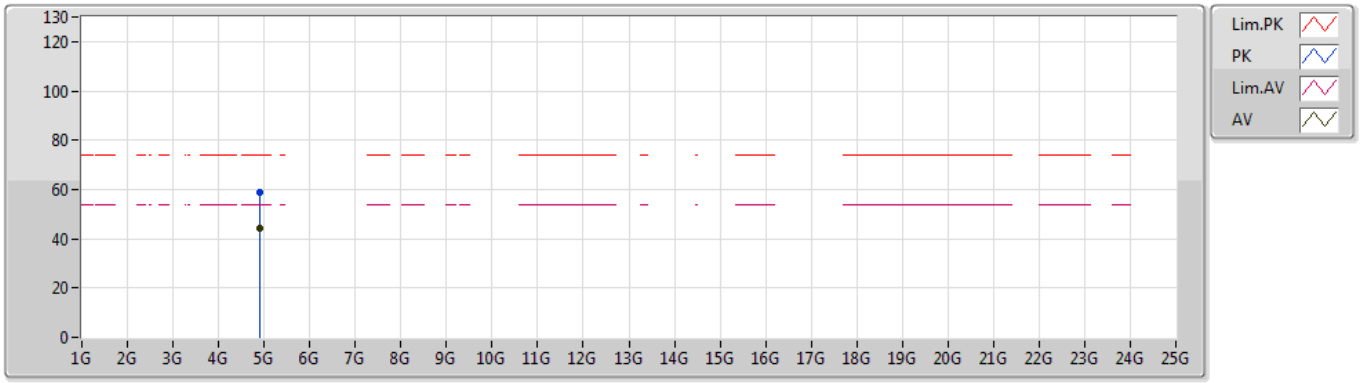
EUT Y_2TX
Setting 95
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3828G	60.51	74.00	-13.49	31.19	3	Horizontal	313	2.60	-	29.32
AV	2.384G	48.10	54.00	-5.90	31.19	3	Horizontal	313	2.60	-	16.91
PK	2.4536G	116.57	Inf	-Inf	31.34	3	Horizontal	313	2.60	-	85.23
AV	2.4532G	106.72	Inf	-Inf	31.34	3	Horizontal	313	2.60	-	75.38
PK	2.4844G	67.63	74.00	-6.37	31.40	3	Horizontal	313	2.60	-	36.23
AV	2.4835G	50.86	54.00	-3.14	31.39	3	Horizontal	313	2.60	-	19.47

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

09/09/2019



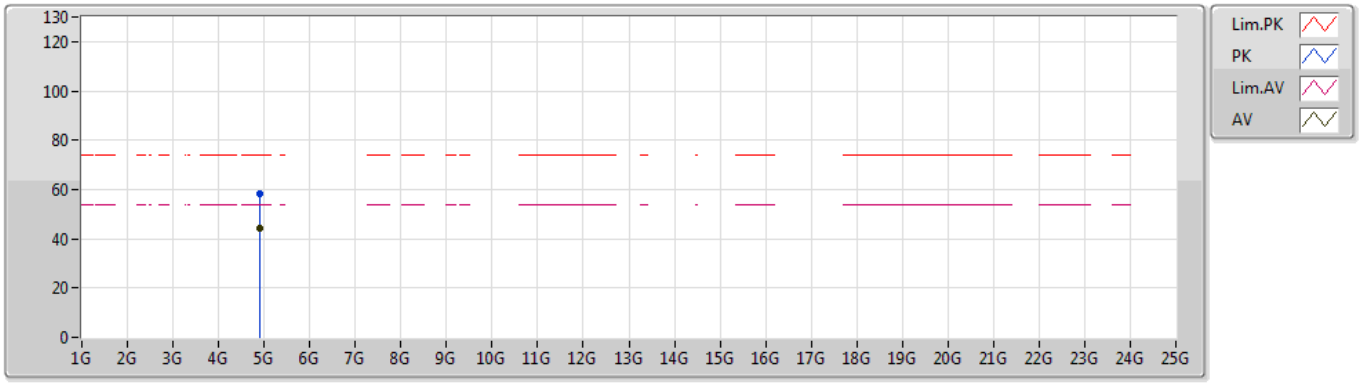
EUT Y_2TX
Setting 95
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.90172G	58.82	74.00	-15.18	7.35	3	Vertical	209	2.18	-	51.47
AV	4.90628G	44.45	54.00	-9.55	7.36	3	Vertical	209	2.18	-	37.09

802.11g_Nss1,(6Mbps)_2TX

2452MHz_TX

09/09/2019



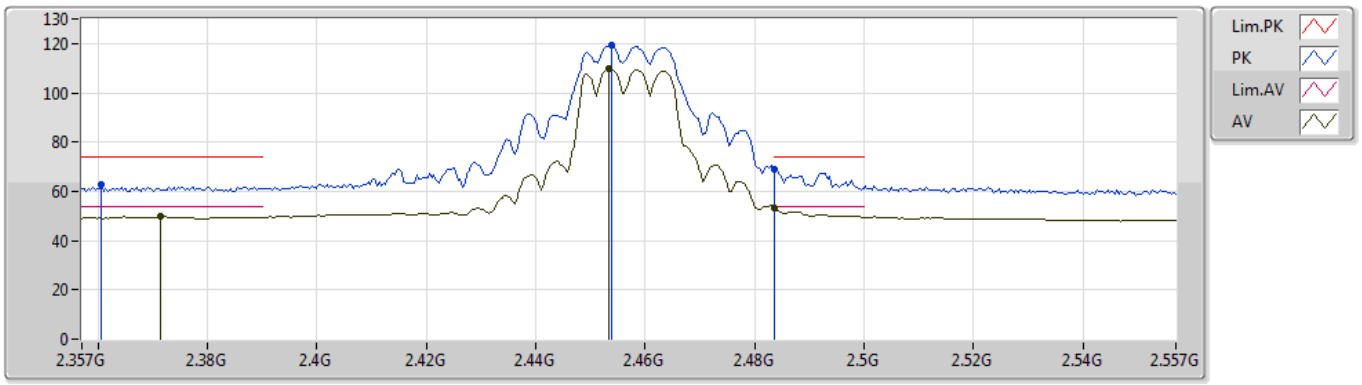
EUT Y_2TX
Setting 95
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.90162G	58.36	74.00	-15.64	7.35	3	Horizontal	222	1.06	-	51.01
AV	4.90636G	44.40	54.00	-9.60	7.36	3	Horizontal	222	1.06	-	37.04

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

09/09/2019



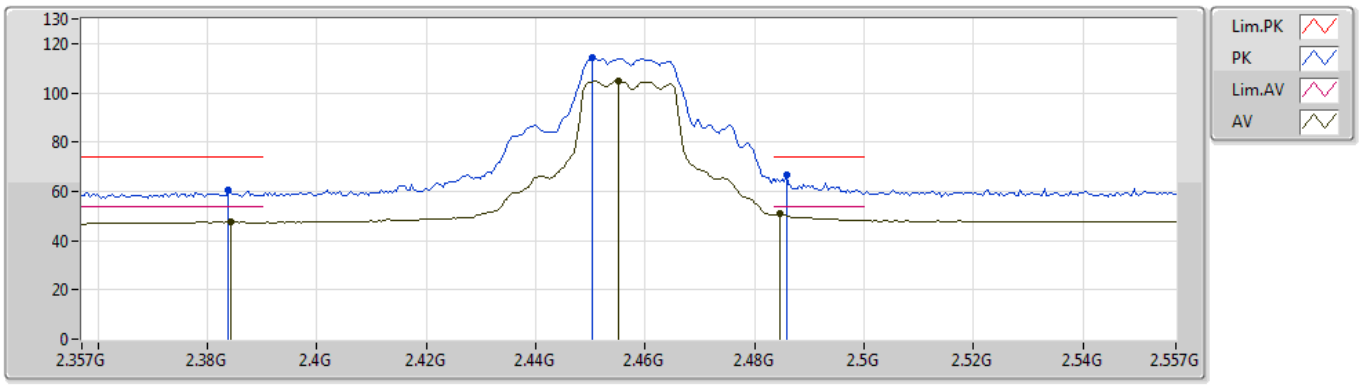
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3606G	62.52	74.00	-11.48	31.13	3	Vertical	256	1.24	-	31.39
AV	2.3714G	49.70	54.00	-4.30	31.16	3	Vertical	256	1.24	-	18.54
PK	2.4538G	119.22	Inf	-Inf	31.34	3	Vertical	256	1.24	-	87.88
AV	2.4534G	109.73	Inf	-Inf	31.34	3	Vertical	256	1.24	-	78.39
PK	2.4835G	69.18	74.00	-4.82	31.39	3	Vertical	256	1.24	-	37.79
AV	2.4835G	53.49	54.00	-0.51	31.39	3	Vertical	256	1.24	-	22.10

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

09/09/2019



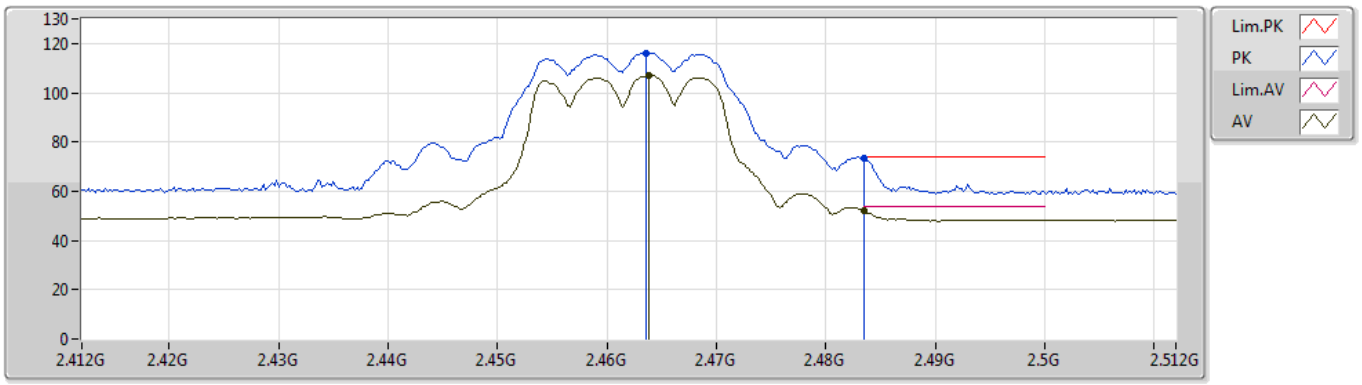
EUT Y_2TX
Setting 89
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3838G	60.54	74.00	-13.46	31.19	3	Horizontal	307	2.59	-	29.35
AV	2.3842G	47.58	54.00	-6.42	31.19	3	Horizontal	307	2.59	-	16.39
PK	2.4502G	114.35	Inf	-Inf	31.33	3	Horizontal	307	2.59	-	83.02
AV	2.455G	104.82	Inf	-Inf	31.34	3	Horizontal	307	2.59	-	73.48
PK	2.4858G	66.59	74.00	-7.41	31.40	3	Horizontal	307	2.59	-	35.19
AV	2.4846G	50.87	54.00	-3.13	31.40	3	Horizontal	307	2.59	-	19.47

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

09/09/2019



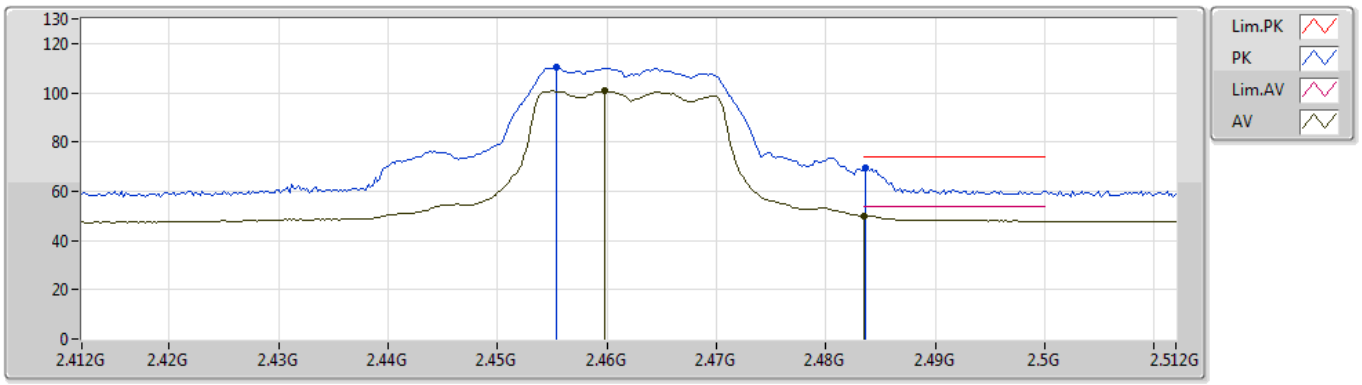
EUT Y_2TX
Setting 76
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4636G	116.27	Inf	-Inf	31.36	3	Vertical	289	1.49	-	84.91
AV	2.4638G	107.02	Inf	-Inf	31.36	3	Vertical	289	1.49	-	75.66
PK	2.4835G	73.37	74.00	-0.63	31.39	3	Vertical	289	1.49	-	41.98
AV	2.4835G	52.31	54.00	-1.69	31.39	3	Vertical	289	1.49	-	20.92

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

09/09/2019



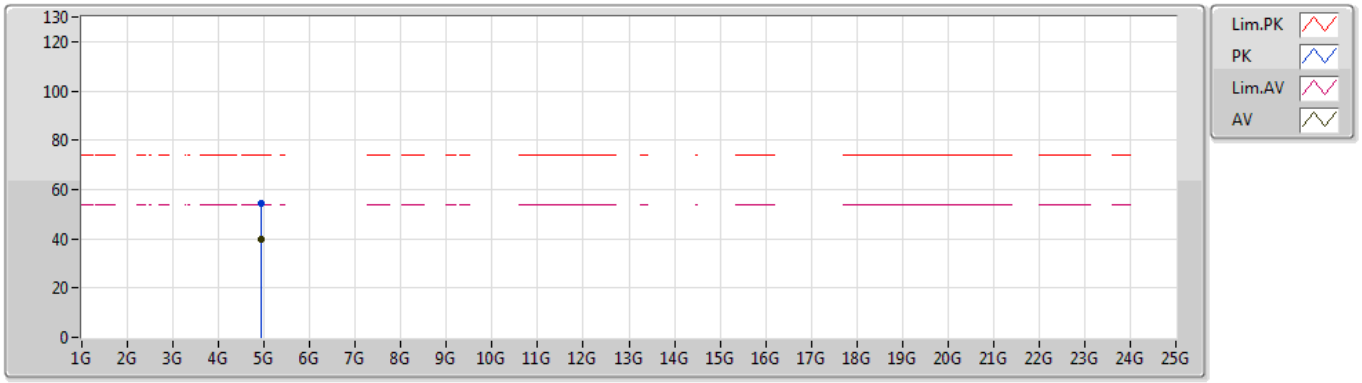
EUT Y_2TX
Setting 76
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4554G	110.29	Inf	-Inf	31.34	3	Horizontal	307	2.35	-	78.95
AV	2.4598G	100.76	Inf	-Inf	31.35	3	Horizontal	307	2.35	-	69.41
PK	2.4836G	69.54	74.00	-4.46	31.39	3	Horizontal	307	2.35	-	38.15
AV	2.4835G	49.86	54.00	-4.14	31.39	3	Horizontal	307	2.35	-	18.47

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

09/09/2019



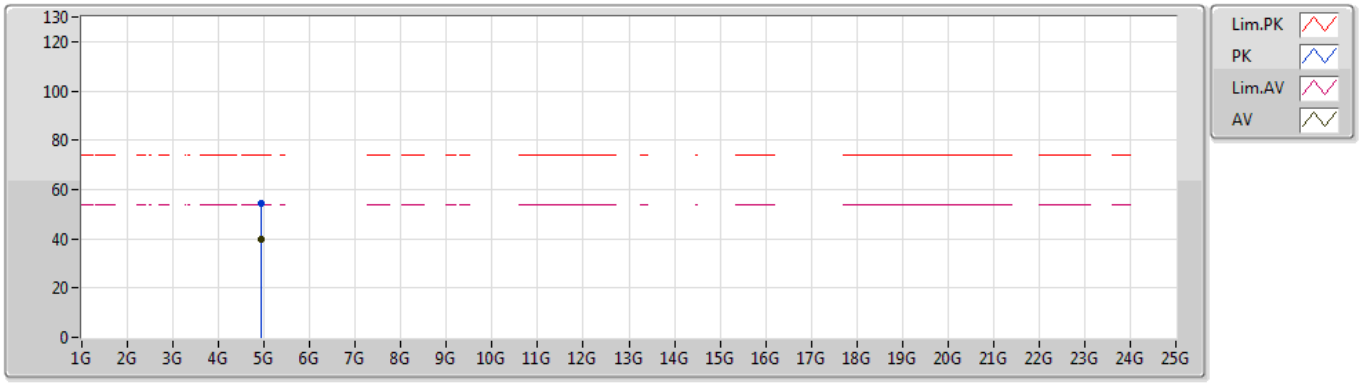
EUT Y_2TX
Setting 76
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.92172G	54.57	74.00	-19.43	7.39	3	Vertical	271	1.94	-	47.18
AV	4.92644G	39.89	54.00	-14.11	7.42	3	Vertical	271	1.94	-	32.47

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

09/09/2019



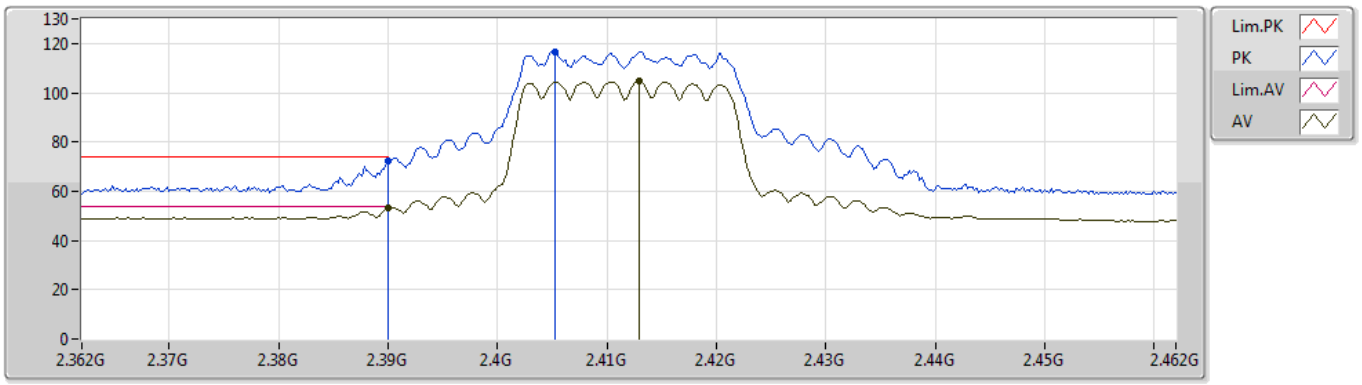
EUT Y_2TX
Setting 76
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.92164G	54.29	74.00	-19.71	7.39	3	Horizontal	123	1.15	-	46.90
AV	4.92646G	39.97	54.00	-14.03	7.42	3	Horizontal	123	1.15	-	32.55

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2412MHz_TX



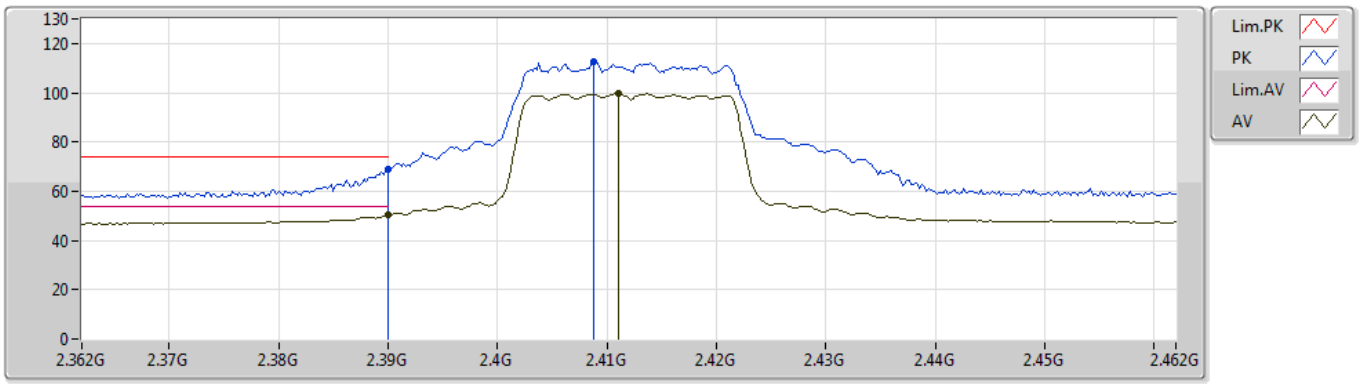
EUT Y_2TX
Setting 74
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	72.13	74.00	-1.87	31.20	3	Vertical	291	1.50	-	40.93
AV	2.39G	53.43	54.00	-0.57	31.20	3	Vertical	291	1.50	-	22.23
PK	2.4052G	116.75	Inf	-Inf	31.24	3	Vertical	291	1.50	-	85.51
AV	2.413G	104.56	Inf	-Inf	31.26	3	Vertical	291	1.50	-	73.30

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2412MHz_TX



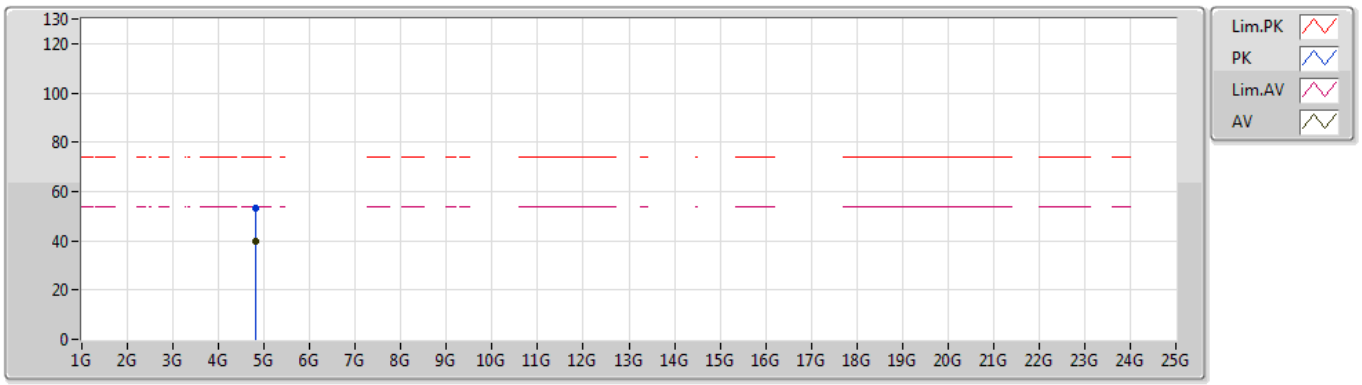
EUT Y_2TX
Setting 74
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	68.73	74.00	-5.27	31.20	3	Horizontal	310	2.43	-	37.53
AV	2.39G	50.39	54.00	-3.61	31.20	3	Horizontal	310	2.43	-	19.19
PK	2.4088G	112.62	Inf	-Inf	31.24	3	Horizontal	310	2.43	-	81.38
AV	2.411G	99.72	Inf	-Inf	31.25	3	Horizontal	310	2.43	-	68.47

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2412MHz_TX



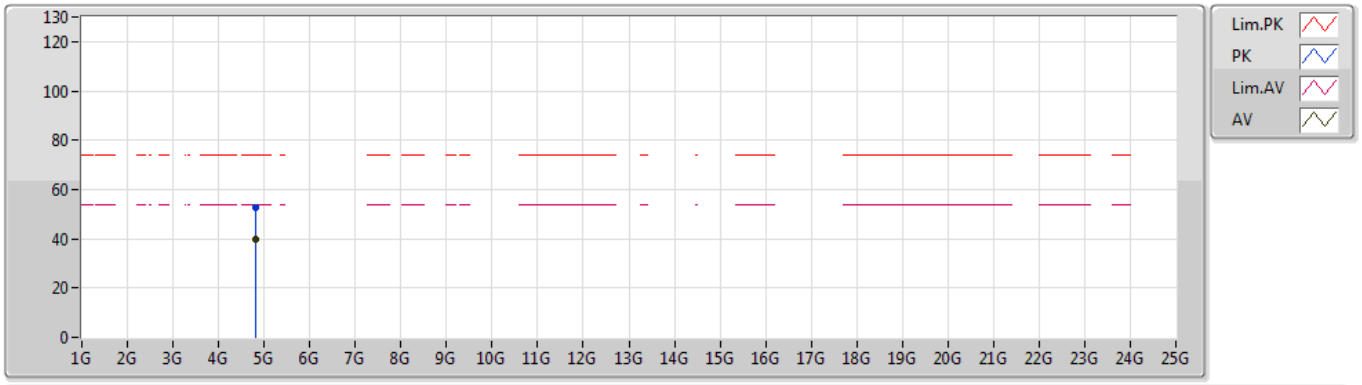
EUT Y_2TX
Setting 74
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8255G	53.35	74.00	-20.65	7.18	3	Vertical	276	1.46	-	46.17
AV	4.8255G	39.86	54.00	-14.14	7.18	3	Vertical	276	1.46	-	32.68

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2412MHz_TX



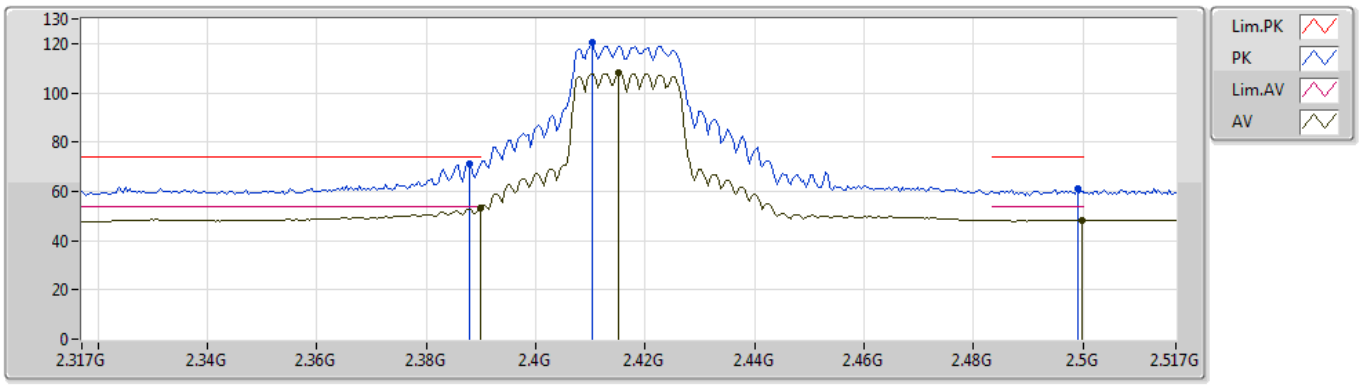
EUT Y_2TX
Setting 74
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8202G	52.76	74.00	-21.24	7.16	3	Horizontal	297	1.20	-	45.60
AV	4.8228G	39.99	54.00	-14.01	7.16	3	Horizontal	297	1.20	-	32.83

802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

09/09/2019



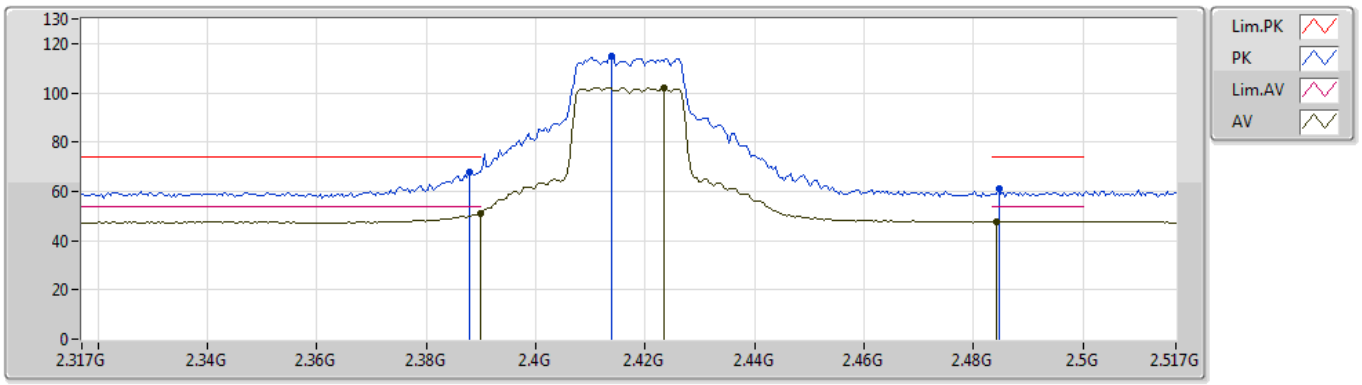
EUT Y_2TX
Setting 84
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3878G	71.37	74.00	-2.63	31.20	3	Vertical	252	1.14	-	40.17
AV	2.3898G	53.33	54.00	-0.67	31.20	3	Vertical	252	1.14	-	22.13
PK	2.4102G	120.30	Inf	-Inf	31.25	3	Vertical	252	1.14	-	89.05
AV	2.415G	107.90	Inf	-Inf	31.26	3	Vertical	252	1.14	-	76.64
PK	2.499G	60.81	74.00	-13.19	31.43	3	Vertical	252	1.14	-	29.38
AV	2.4998G	48.27	54.00	-5.73	31.43	3	Vertical	252	1.14	-	16.84

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2417MHz_TX



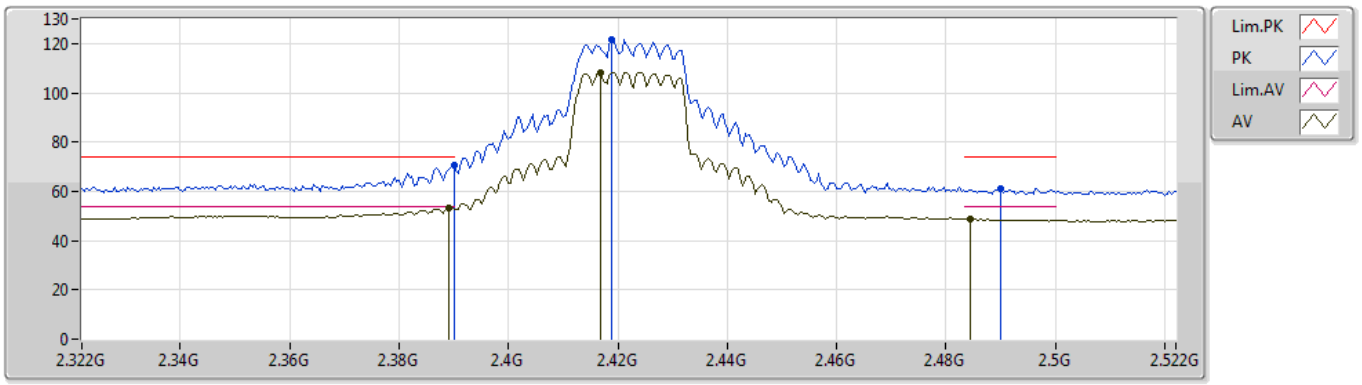
EUT Y_2TX
Setting 84
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3878G	67.82	74.00	-6.18	31.20	3	Horizontal	313	2.38	-	36.62
AV	2.3898G	50.82	54.00	-3.18	31.20	3	Horizontal	313	2.38	-	19.62
PK	2.4138G	115.02	Inf	-Inf	31.26	3	Horizontal	313	2.38	-	83.76
AV	2.4234G	102.12	Inf	-Inf	31.28	3	Horizontal	313	2.38	-	70.84
PK	2.4846G	60.84	74.00	-13.16	31.40	3	Horizontal	313	2.38	-	29.44
AV	2.4842G	47.81	54.00	-6.19	31.39	3	Horizontal	313	2.38	-	16.42

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2422MHz_TX



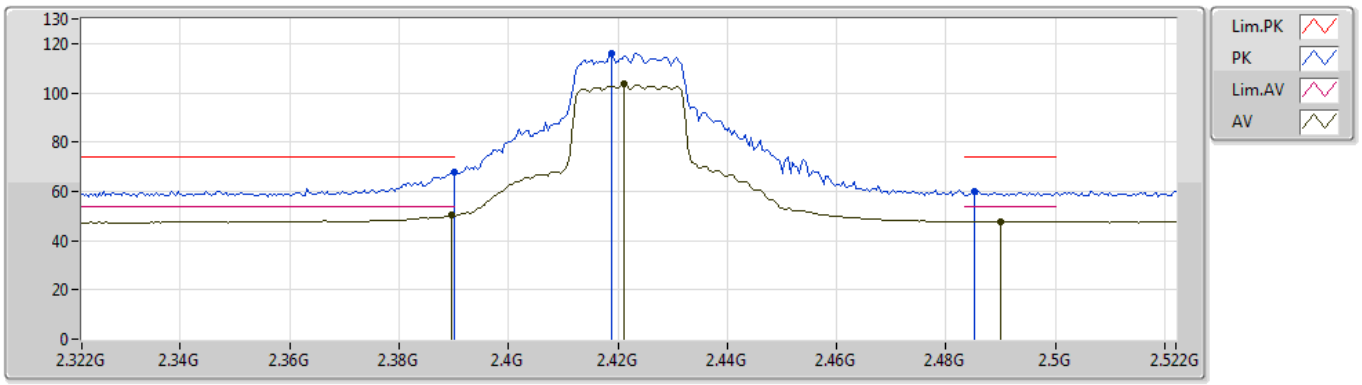
EUT Y_2TX
Setting 88
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	70.49	74.00	-3.51	31.20	3	Vertical	325	1.44	-	39.29
AV	2.3892G	53.48	54.00	-0.52	31.20	3	Vertical	325	1.44	-	22.28
PK	2.4188G	121.38	Inf	-Inf	31.27	3	Vertical	325	1.44	-	90.11
AV	2.4168G	108.38	Inf	-Inf	31.27	3	Vertical	325	1.44	-	77.11
PK	2.49G	60.98	74.00	-13.02	31.41	3	Vertical	325	1.44	-	29.57
AV	2.4844G	48.79	54.00	-5.21	31.40	3	Vertical	325	1.44	-	17.39

802.11ax HEW20_Nss1,(MCS0)_2TX

2422MHz_TX

09/09/2019



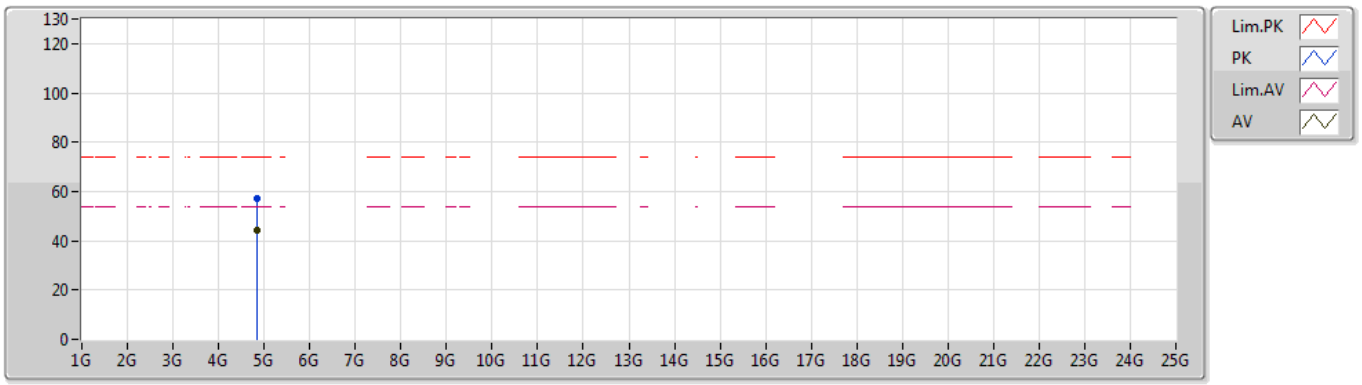
EUT Y_2TX
Setting 88
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	68.08	74.00	-5.92	31.20	3	Horizontal	319	2.62	-	36.88
AV	2.3896G	50.17	54.00	-3.83	31.20	3	Horizontal	319	2.62	-	18.97
PK	2.4188G	115.97	Inf	-Inf	31.27	3	Horizontal	319	2.62	-	84.70
AV	2.4212G	103.43	Inf	-Inf	31.27	3	Horizontal	319	2.62	-	72.16
PK	2.4852G	60.23	74.00	-13.77	31.40	3	Horizontal	319	2.62	-	28.83
AV	2.49G	47.90	54.00	-6.10	31.41	3	Horizontal	319	2.62	-	16.49

802.11ax HEW20_Nss1,(MCS0)_2TX

2422MHz_TX

09/09/2019



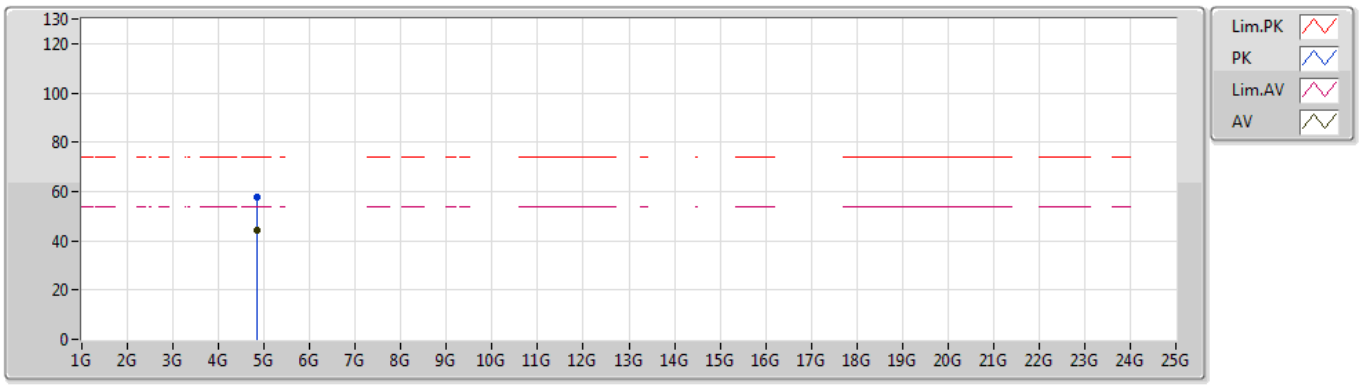
EUT Y_2TX
Setting 88
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8406G	57.07	74.00	-16.93	7.21	3	Vertical	267	1.09	-	49.86
AV	4.8429G	44.46	54.00	-9.54	7.21	3	Vertical	267	1.09	-	37.25

802.11ax HEW20_Nss1,(MCS0)_2TX

2422MHz_TX

09/09/2019



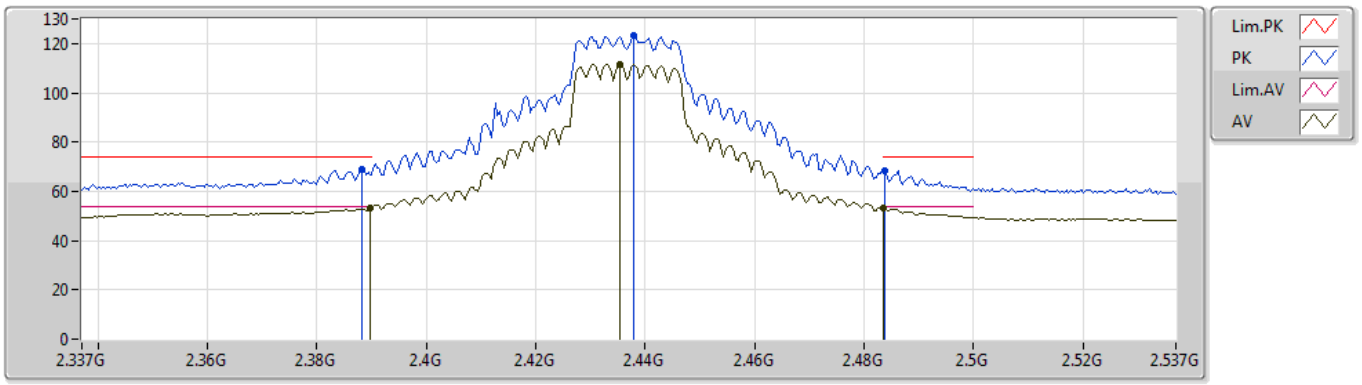
EUT Y_2TX
Setting 88
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8406G	57.44	74.00	-16.56	7.21	3	Horizontal	278	2.55	-	50.23
AV	4.8429G	44.49	54.00	-9.51	7.21	3	Horizontal	278	2.55	-	37.28

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

09/09/2019



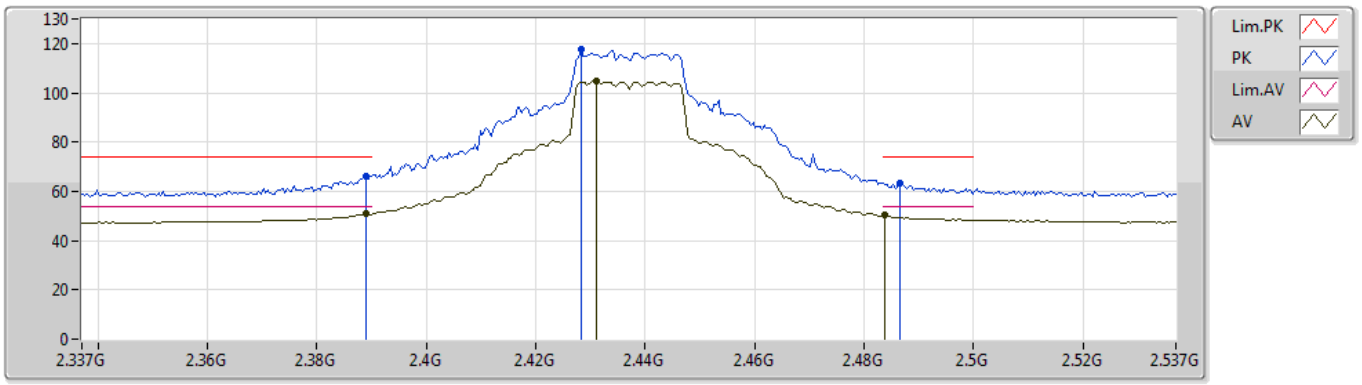
EUT Y_2TX
Setting 99
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3882G	68.89	74.00	-5.11	31.20	3	Vertical	272	1.50	-	37.69
AV	2.3898G	53.06	54.00	-0.94	31.20	3	Vertical	272	1.50	-	21.86
PK	2.4378G	123.30	Inf	-Inf	31.31	3	Vertical	272	1.50	-	91.99
AV	2.4354G	111.43	Inf	-Inf	31.30	3	Vertical	272	1.50	-	80.13
PK	2.4838G	68.61	74.00	-5.39	31.39	3	Vertical	272	1.50	-	37.22
AV	2.4835G	53.30	54.00	-0.70	31.39	3	Vertical	272	1.50	-	21.91

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

09/09/2019



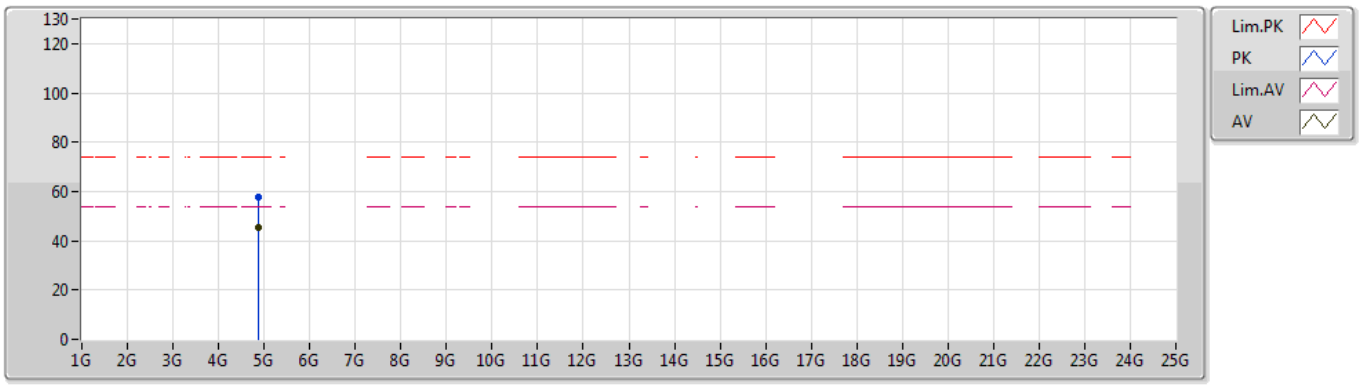
EUT Y_2TX
Setting 99
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.389G	66.07	74.00	-7.93	31.20	3	Horizontal	334	2.33	-	34.87
AV	2.389G	50.77	54.00	-3.23	31.20	3	Horizontal	334	2.33	-	19.57
PK	2.4282G	117.53	Inf	-Inf	31.29	3	Horizontal	334	2.33	-	86.24
AV	2.431G	104.78	Inf	-Inf	31.29	3	Horizontal	334	2.33	-	73.49
PK	2.4866G	63.29	74.00	-10.71	31.40	3	Horizontal	334	2.33	-	31.89
AV	2.4838G	50.37	54.00	-3.63	31.39	3	Horizontal	334	2.33	-	18.98

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

09/09/2019



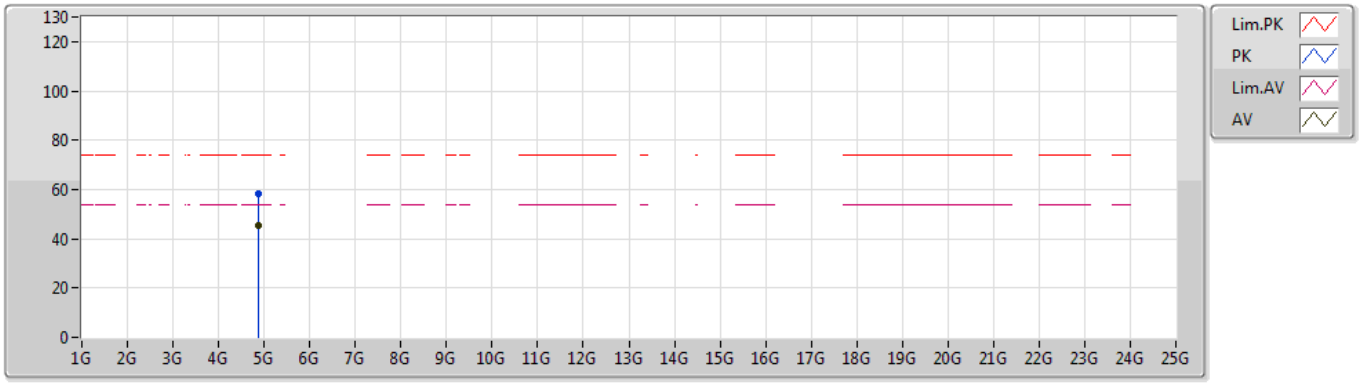
EUT Y_2TX
Setting 99
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8704G	57.92	74.00	-16.08	7.27	3	Vertical	142	1.03	-	50.65
AV	4.8729G	45.42	54.00	-8.58	7.28	3	Vertical	142	1.03	-	38.14

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

09/09/2019



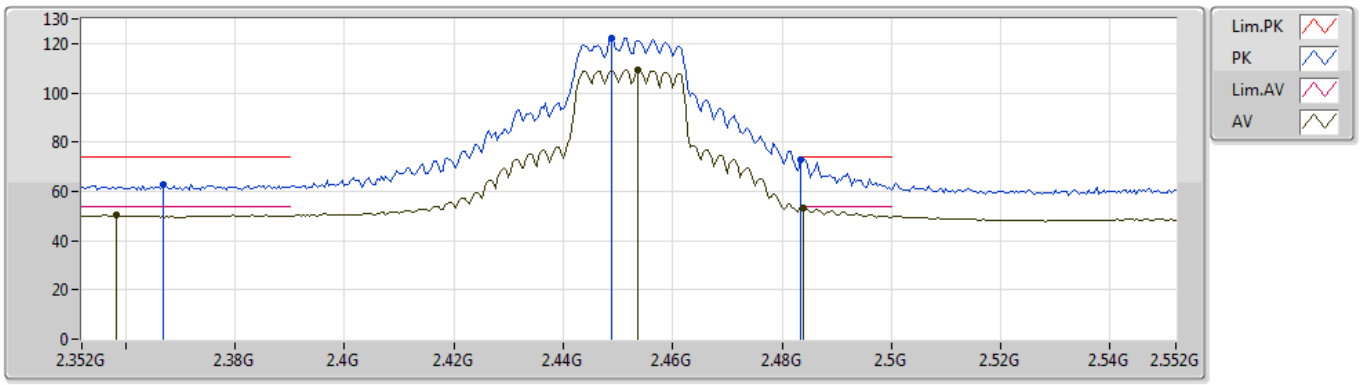
EUT Y_2TX
Setting 99
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8705G	58.32	74.00	-15.68	7.27	3	Horizontal	215	2.03	-	51.05
AV	4.8729G	45.32	54.00	-8.68	7.28	3	Horizontal	215	2.03	-	38.04

802.11ax HEW20_Nss1,(MCS0)_2TX

2452MHz_TX

09/09/2019



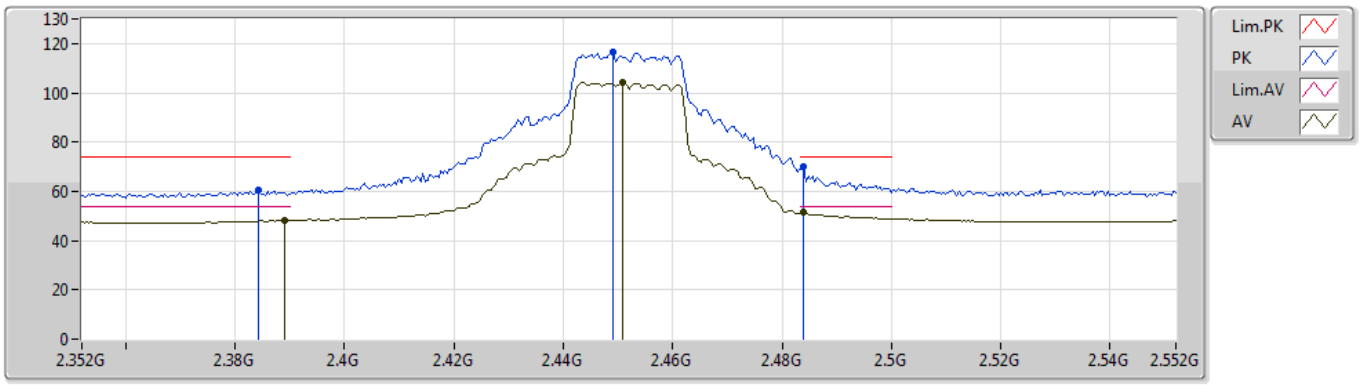
EUT Y_2TX
Setting 92
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3668G	62.58	74.00	-11.42	31.15	3	Vertical	305	1.12	-	31.43
AV	2.3584G	50.19	54.00	-3.81	31.13	3	Vertical	305	1.12	-	19.06
PK	2.4488G	122.24	Inf	-Inf	31.33	3	Vertical	305	1.12	-	90.91
AV	2.4536G	109.04	Inf	-Inf	31.34	3	Vertical	305	1.12	-	77.70
PK	2.4835G	73.05	74.00	-0.95	31.39	3	Vertical	305	1.12	-	41.66
AV	2.484G	53.49	54.00	-0.51	31.39	3	Vertical	305	1.12	-	22.10

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2452MHz_TX



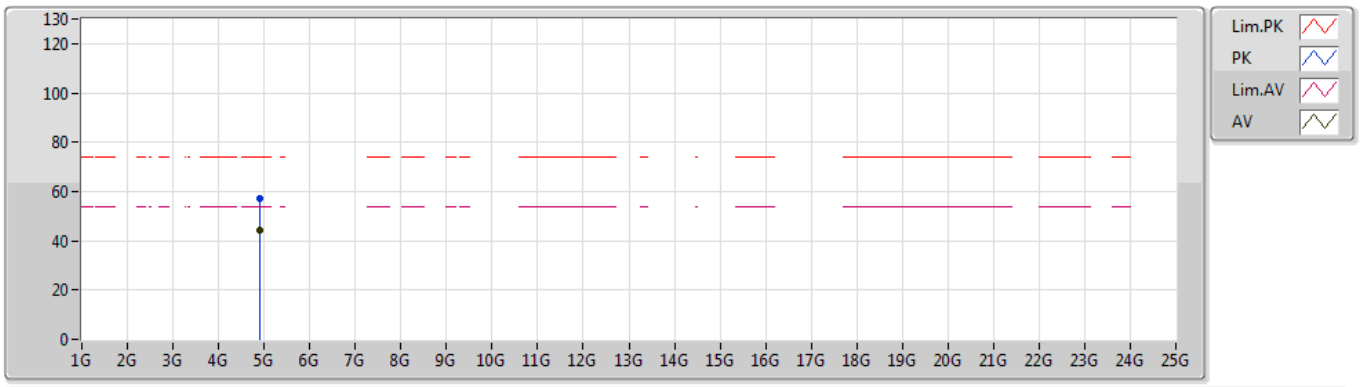
EUT Y_2TX
Setting 92
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3844G	60.55	74.00	-13.45	31.19	3	Horizontal	307	2.38	-	29.36
AV	2.3892G	48.44	54.00	-5.56	31.20	3	Horizontal	307	2.38	-	17.24
PK	2.4492G	116.68	Inf	-Inf	31.33	3	Horizontal	307	2.38	-	85.35
AV	2.4508G	104.04	Inf	-Inf	31.33	3	Horizontal	307	2.38	-	72.71
PK	2.484G	70.25	74.00	-3.75	31.39	3	Horizontal	307	2.38	-	38.86
AV	2.484G	51.36	54.00	-2.64	31.39	3	Horizontal	307	2.38	-	19.97

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2452MHz_TX



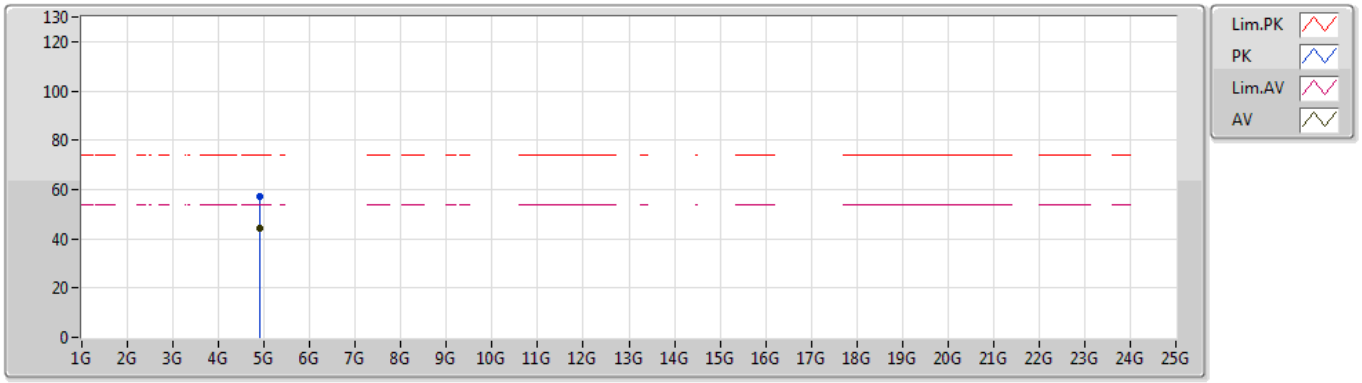
EUT Y_2TX
Setting 92
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.9002G	56.99	74.00	-17.01	7.35	3	Vertical	127	1.40	-	49.64
AV	4.9026G	44.06	54.00	-9.94	7.35	3	Vertical	127	1.40	-	36.71

802.11ax HEW20_Nss1,(MCS0)_2TX

2452MHz_TX

09/09/2019



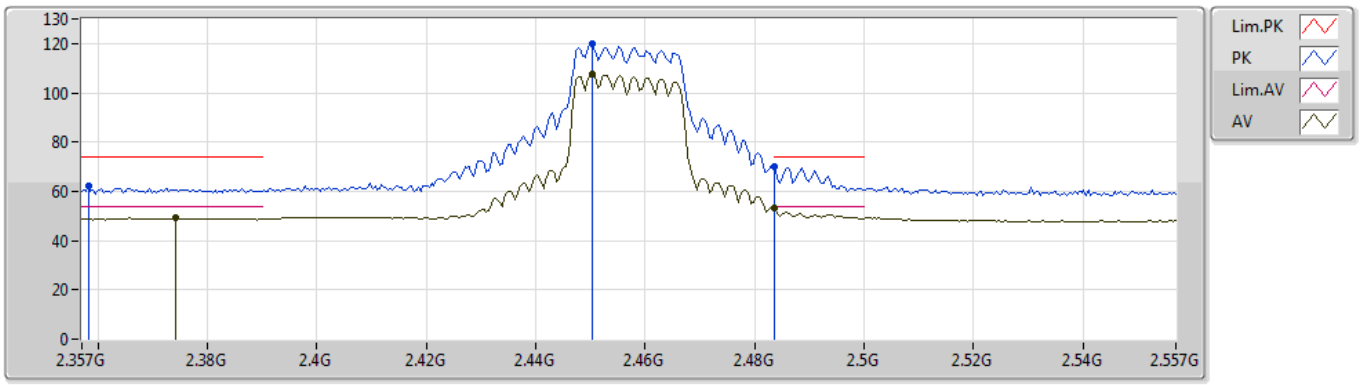
EUT Y_2TX
Setting 92
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.9002G	57.06	74.00	-16.94	7.35	3	Horizontal	241	2.08	-	49.71
AV	4.9027G	44.01	54.00	-9.99	7.36	3	Horizontal	241	2.08	-	36.65

802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

09/09/2019



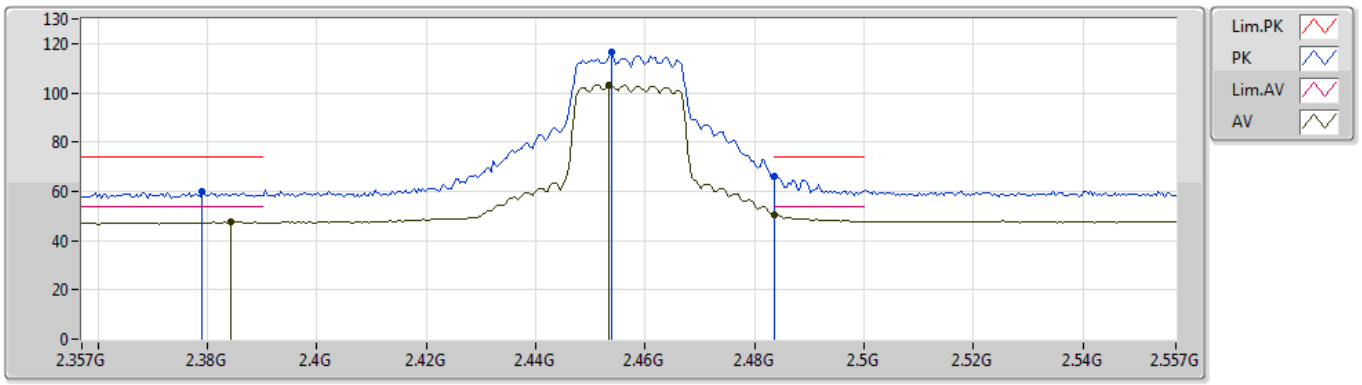
EUT Y_2TX
Setting 83
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3582G	62.25	74.00	-11.75	31.12	3	Vertical	256	1.50	-	31.13
AV	2.3742G	49.07	54.00	-4.93	31.16	3	Vertical	256	1.50	-	17.91
PK	2.4502G	120.12	Inf	-Inf	31.33	3	Vertical	256	1.50	-	88.79
AV	2.4502G	107.51	Inf	-Inf	31.33	3	Vertical	256	1.50	-	76.18
PK	2.4835G	70.30	74.00	-3.70	31.39	3	Vertical	256	1.50	-	38.91
AV	2.4835G	53.31	54.00	-0.69	31.39	3	Vertical	256	1.50	-	21.92

802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

09/09/2019



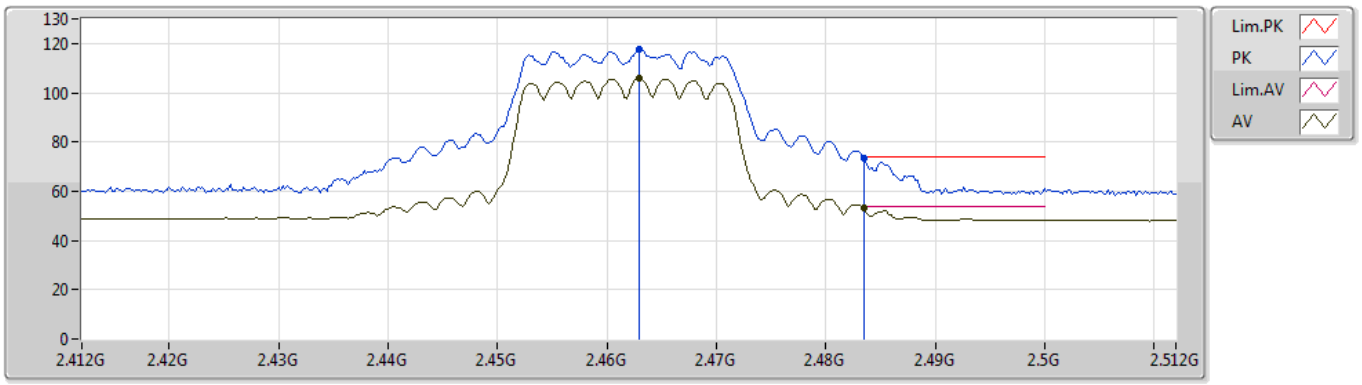
EUT Y_2TX
Setting 83
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.379G	59.84	74.00	-14.16	31.18	3	Horizontal	303	2.61	-	28.66
AV	2.3842G	47.41	54.00	-6.59	31.19	3	Horizontal	303	2.61	-	16.22
PK	2.4538G	116.33	Inf	-Inf	31.34	3	Horizontal	303	2.61	-	84.99
AV	2.4534G	103.23	Inf	-Inf	31.34	3	Horizontal	303	2.61	-	71.89
PK	2.4835G	65.97	74.00	-8.03	31.39	3	Horizontal	303	2.61	-	34.58
AV	2.4835G	50.53	54.00	-3.47	31.39	3	Horizontal	303	2.61	-	19.14

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2462MHz_TX



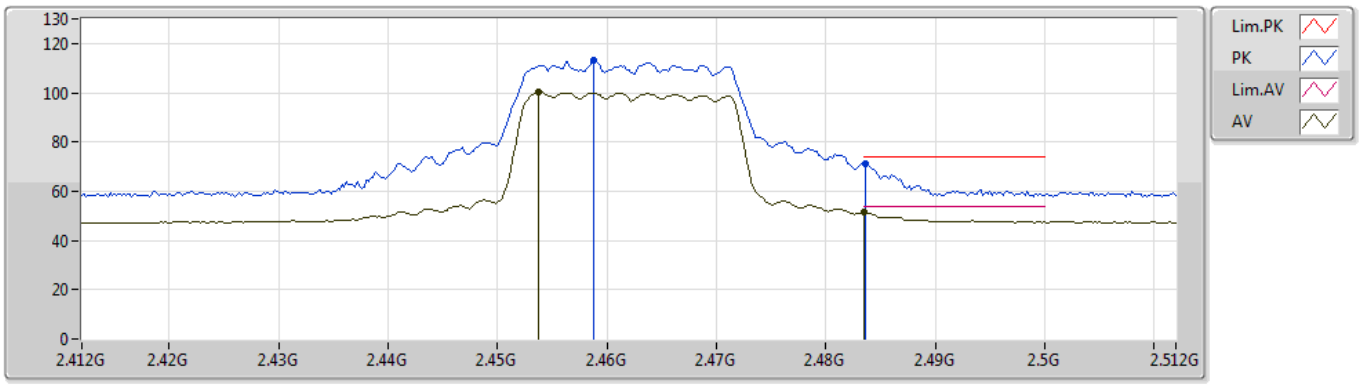
EUT Y_2TX
Setting 74
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.463G	117.54	Inf	-Inf	31.36	3	Vertical	299	1.49	-	86.18
AV	2.463G	105.69	Inf	-Inf	31.36	3	Vertical	299	1.49	-	74.33
PK	2.4835G	73.49	74.00	-0.51	31.39	3	Vertical	299	1.49	-	42.10
AV	2.4835G	53.03	54.00	-0.97	31.39	3	Vertical	299	1.49	-	21.64

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2462MHz_TX



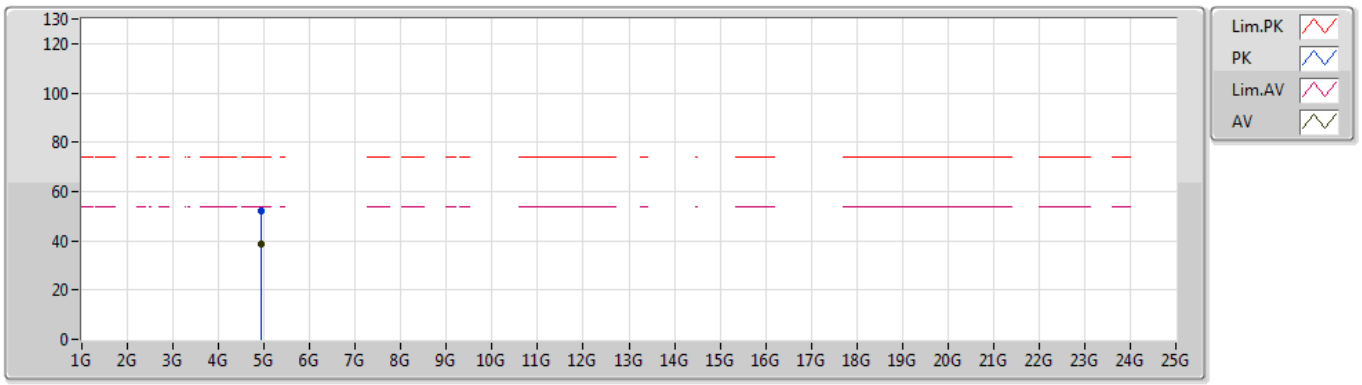
EUT Y_2TX
Setting 74
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4588G	113.15	Inf	-Inf	31.34	3	Horizontal	308	2.62	-	81.81
AV	2.4538G	100.17	Inf	-Inf	31.34	3	Horizontal	308	2.62	-	68.83
PK	2.4836G	71.28	74.00	-2.72	31.39	3	Horizontal	308	2.62	-	39.89
AV	2.4835G	51.45	54.00	-2.55	31.39	3	Horizontal	308	2.62	-	20.06

802.11ax HEW20_Nss1,(MCS0)_2TX

09/09/2019

2462MHz_TX



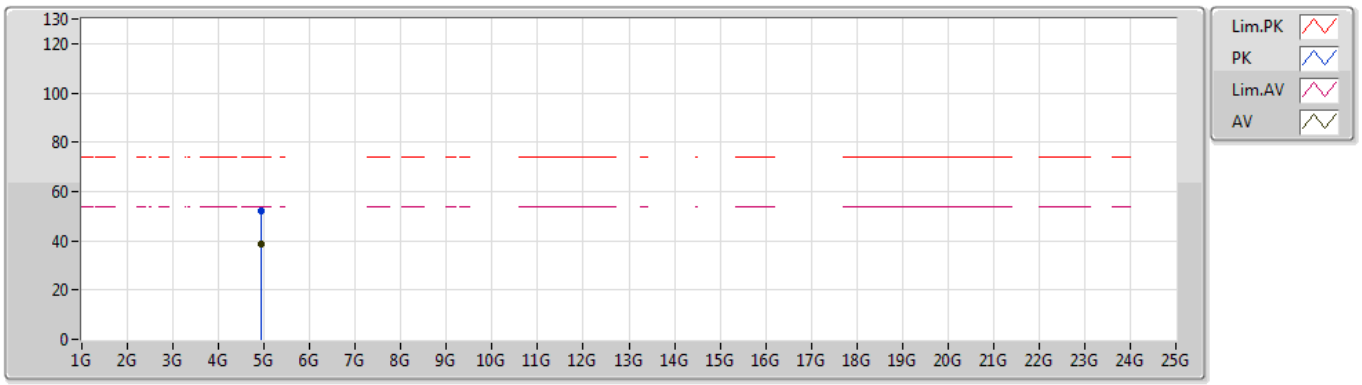
EUT Y_2TX
Setting 74
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.9256G	52.01	74.00	-21.99	7.42	3	Vertical	11	2.85	-	44.59
AV	4.9228G	38.77	54.00	-15.23	7.39	3	Vertical	11	2.85	-	31.38

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

09/09/2019



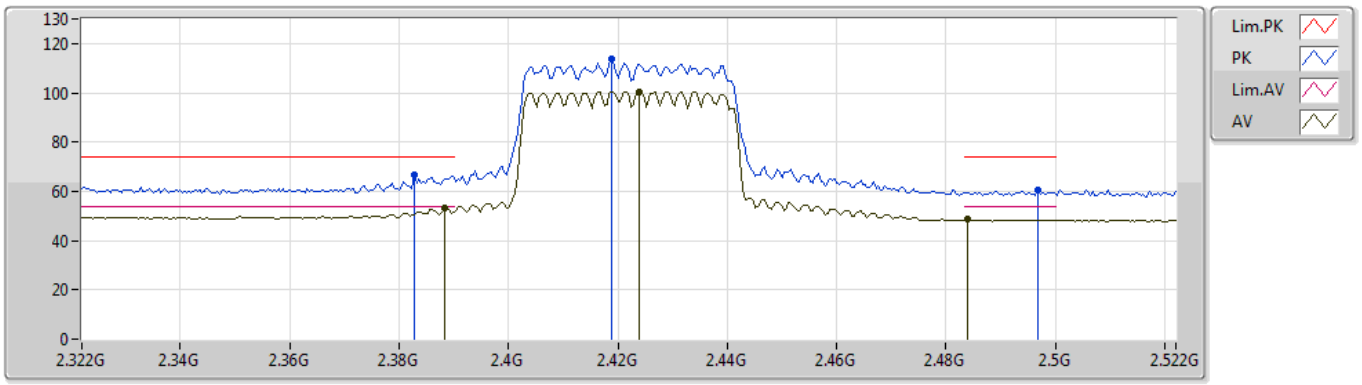
EUT Y_2TX
Setting 74
02-G-2
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.9204G	51.87	74.00	-22.13	7.39	3	Horizontal	223	2.48	-	44.48
AV	4.923G	38.46	54.00	-15.54	7.39	3	Horizontal	223	2.48	-	31.07

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

09/09/2019



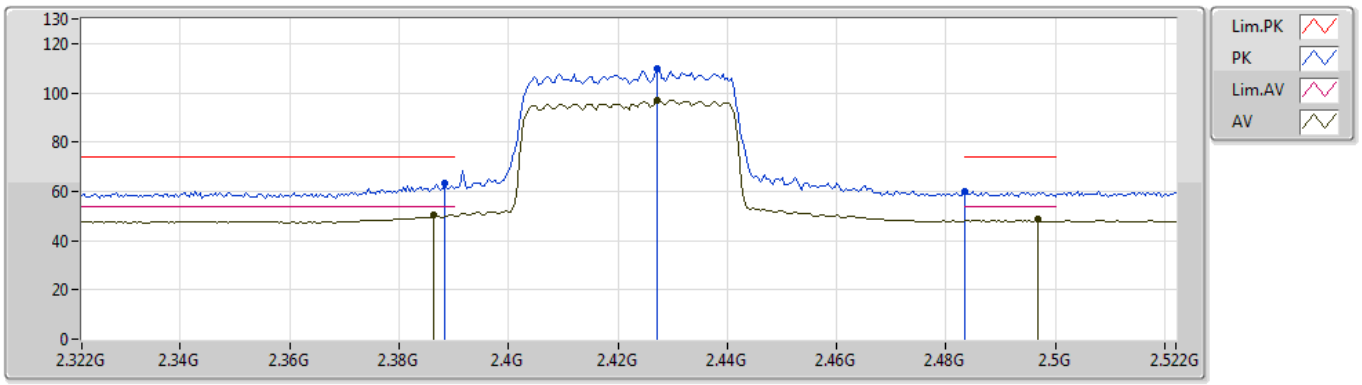
EUT Y_2TX
Setting 70
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3828G	66.53	74.00	-7.47	31.19	3	Vertical	314	1.23	-	35.34
AV	2.3884G	53.29	54.00	-0.71	31.20	3	Vertical	314	1.23	-	22.09
PK	2.4188G	113.47	Inf	-Inf	31.27	3	Vertical	314	1.23	-	82.20
AV	2.424G	100.56	Inf	-Inf	31.28	3	Vertical	314	1.23	-	69.28
PK	2.4968G	60.33	74.00	-13.67	31.42	3	Vertical	314	1.23	-	28.91
AV	2.484G	48.52	54.00	-5.48	31.39	3	Vertical	314	1.23	-	17.13

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

09/09/2019



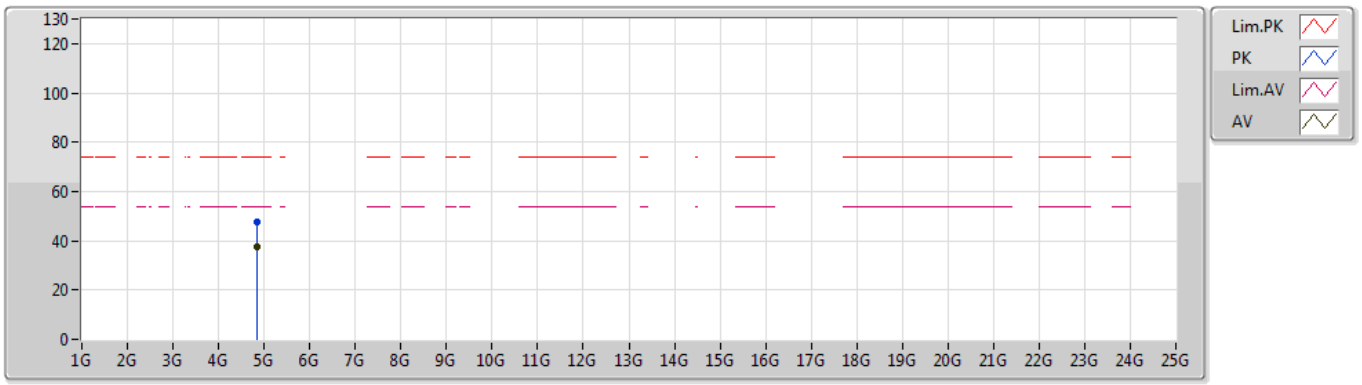
EUT Y_2TX
Setting 70
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3884G	63.11	74.00	-10.89	31.20	3	Horizontal	319	2.37	-	31.91
AV	2.3864G	50.42	54.00	-3.58	31.20	3	Horizontal	319	2.37	-	19.22
PK	2.4272G	109.55	Inf	-Inf	31.28	3	Horizontal	319	2.37	-	78.27
AV	2.4272G	96.98	Inf	-Inf	31.28	3	Horizontal	319	2.37	-	65.70
PK	2.4835G	59.87	74.00	-14.13	31.39	3	Horizontal	319	2.37	-	28.48
AV	2.4968G	48.50	54.00	-5.50	31.42	3	Horizontal	319	2.37	-	17.08

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

09/09/2019



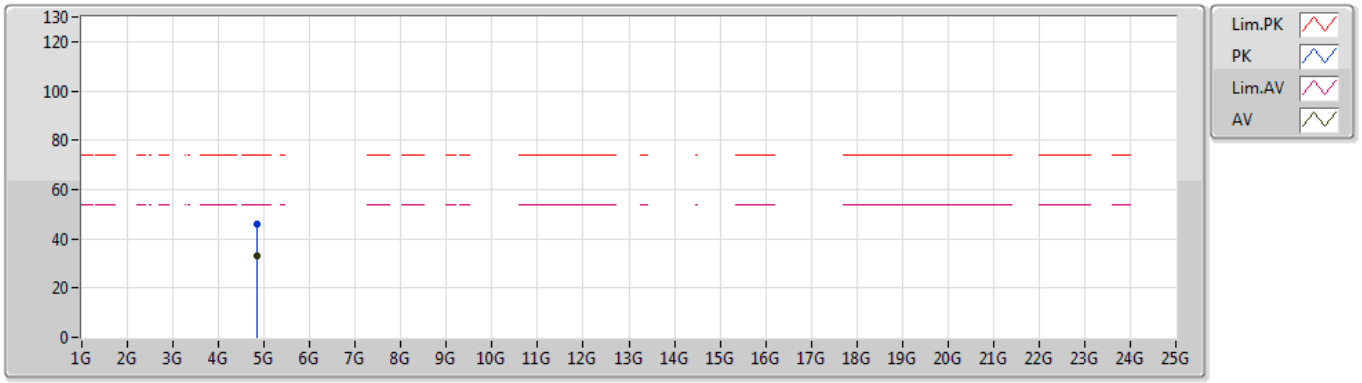
EUT Y_2TX
Setting 70
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.83962G	47.86	74.00	-26.14	7.21	3	Vertical	331	1.50	-	40.65
AV	4.8398G	37.36	54.00	-16.64	7.21	3	Vertical	331	1.50	-	30.15

802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

09/09/2019



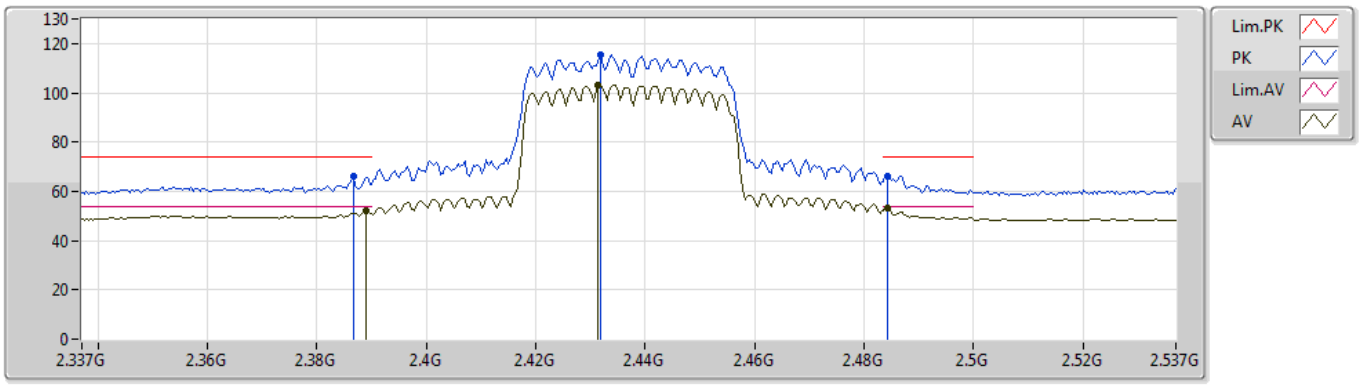
EUT Y_2TX
Setting 70
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.83308G	45.71	74.00	-28.29	7.19	3	Horizontal	60	1.97	-	38.52
AV	4.84262G	33.26	54.00	-20.74	7.21	3	Horizontal	60	1.97	-	26.05

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

09/09/2019



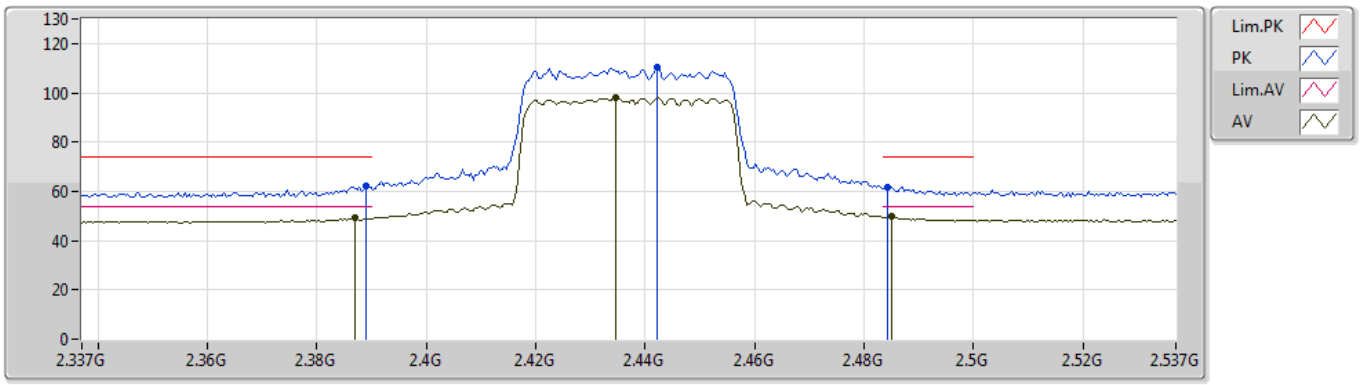
EUT Y_2TX
Setting 77
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3866G	66.08	74.00	-7.92	31.20	3	Vertical	276	1.46	-	34.88
AV	2.389G	51.93	54.00	-2.07	31.20	3	Vertical	276	1.46	-	20.73
PK	2.4318G	115.39	Inf	-Inf	31.29	3	Vertical	276	1.46	-	84.10
AV	2.4314G	103.19	Inf	-Inf	31.29	3	Vertical	276	1.46	-	71.90
PK	2.4842G	66.25	74.00	-7.75	31.39	3	Vertical	276	1.46	-	34.86
AV	2.4842G	53.34	54.00	-0.66	31.39	3	Vertical	276	1.46	-	21.95

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

09/09/2019



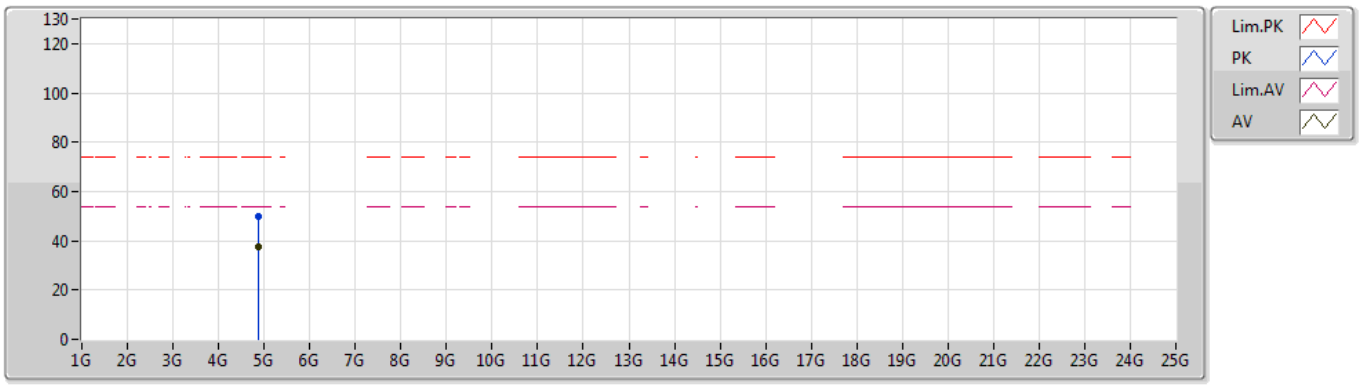
EUT Y_2TX
Setting 77
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.389G	62.29	74.00	-11.71	31.20	3	Horizontal	328	2.60	-	31.09
AV	2.387G	49.10	54.00	-4.90	31.20	3	Horizontal	328	2.60	-	17.90
PK	2.4422G	110.60	Inf	-Inf	31.32	3	Horizontal	328	2.60	-	79.28
AV	2.4346G	98.10	Inf	-Inf	31.30	3	Horizontal	328	2.60	-	66.80
PK	2.4842G	61.86	74.00	-12.14	31.39	3	Horizontal	328	2.60	-	30.47
AV	2.485G	49.65	54.00	-4.35	31.40	3	Horizontal	328	2.60	-	18.25

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

09/09/2019



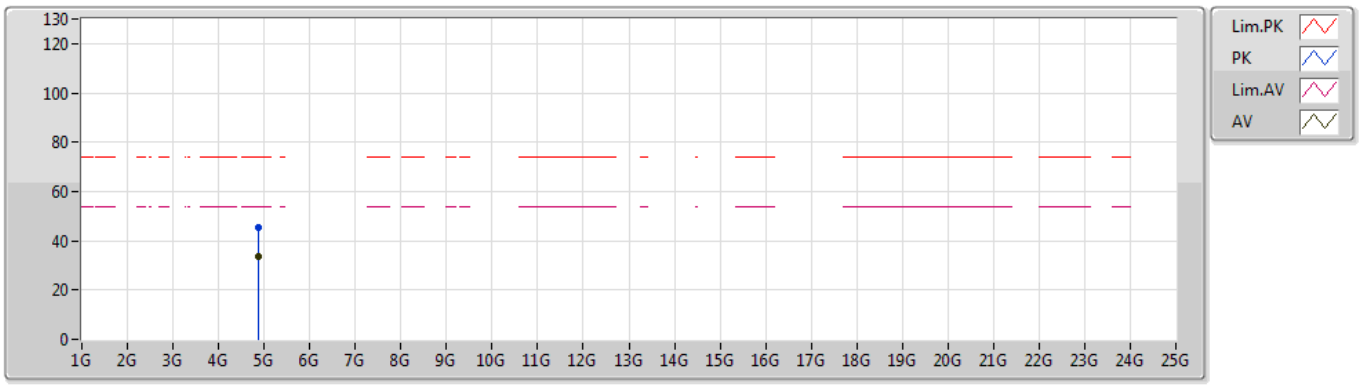
EUT Y_2TX
Setting 77
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.87052G	50.09	74.00	-23.91	7.27	3	Vertical	294	1.44	-	42.82
AV	4.87496G	37.61	54.00	-16.39	7.28	3	Vertical	294	1.44	-	30.33

802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

09/09/2019



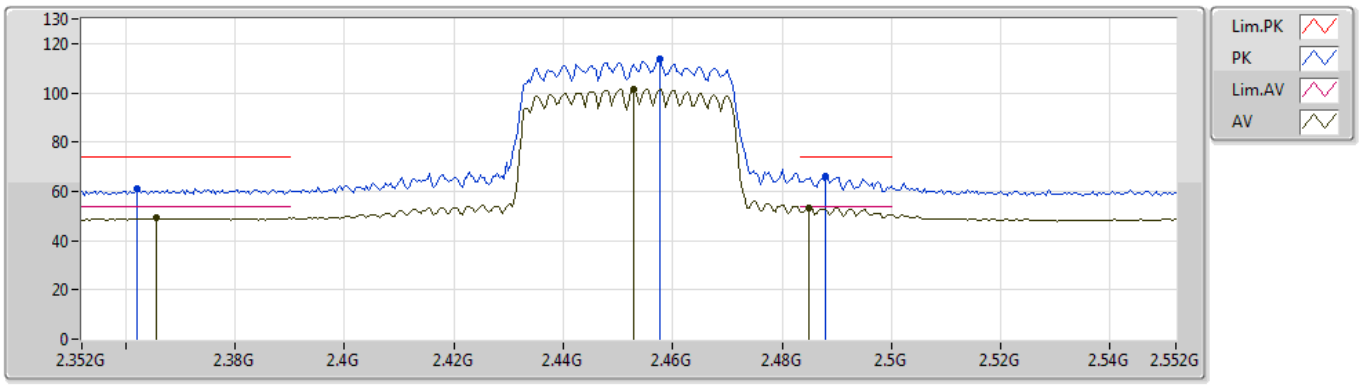
EUT Y_2TX
Setting 77
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.88768G	45.21	74.00	-28.79	7.33	3	Horizontal	7	1.03	-	37.88
AV	4.87538G	33.36	54.00	-20.64	7.29	3	Horizontal	7	1.03	-	26.07

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

09/09/2019



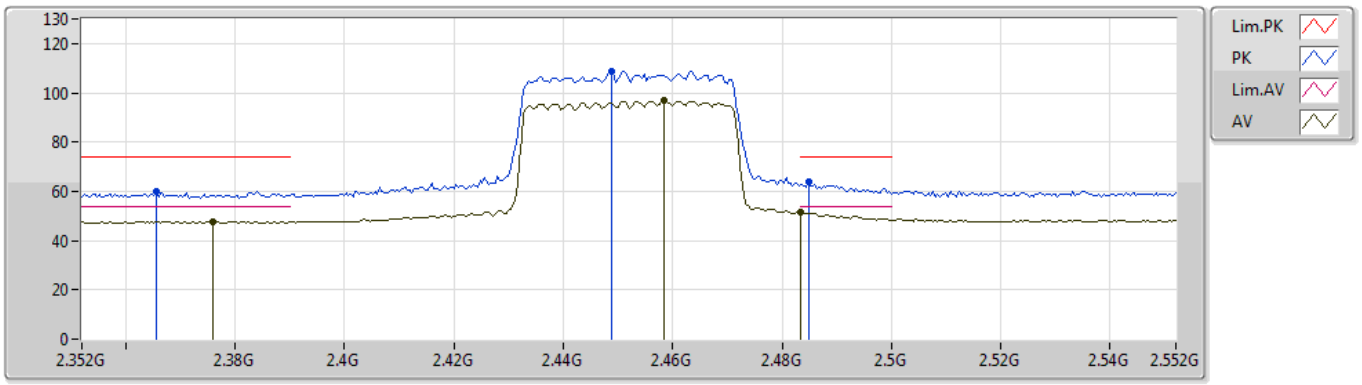
EUT Y_2TX
Setting 70
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.362G	60.97	74.00	-13.03	31.13	3	Vertical	268	1.10	-	29.84
AV	2.3656G	49.14	54.00	-4.86	31.15	3	Vertical	268	1.10	-	17.99
PK	2.4576G	113.68	Inf	-Inf	31.34	3	Vertical	268	1.10	-	82.34
AV	2.4528G	101.53	Inf	-Inf	31.33	3	Vertical	268	1.10	-	70.20
PK	2.488G	65.85	74.00	-8.15	31.41	3	Vertical	268	1.10	-	34.44
AV	2.4848G	53.36	54.00	-0.64	31.40	3	Vertical	268	1.10	-	21.96

802.11ax HEW40_Nss1,(MCS0)_2TX

09/09/2019

2452MHz_TX



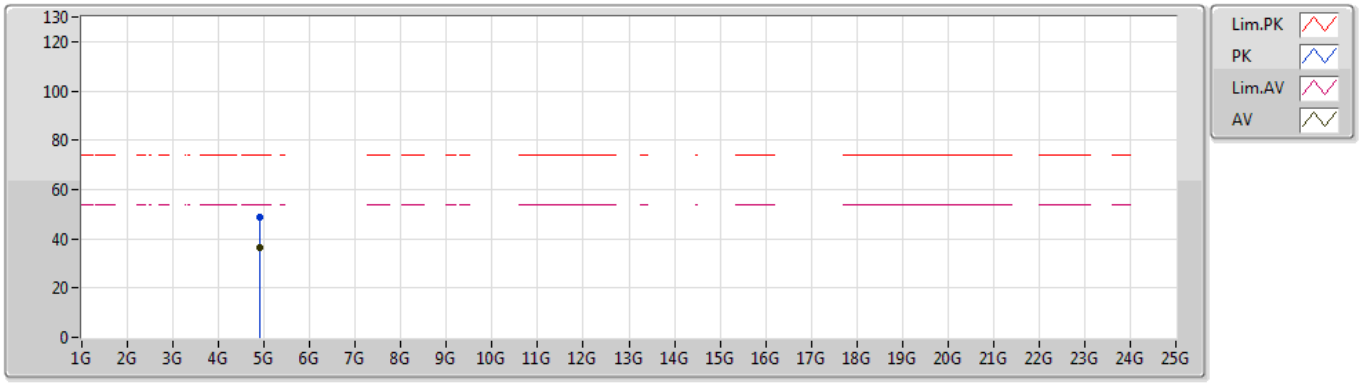
EUT Y_2TX
Setting 70
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3656G	59.87	74.00	-14.13	31.15	3	Horizontal	320	2.54	-	28.72
AV	2.376G	47.75	54.00	-6.25	31.17	3	Horizontal	320	2.54	-	16.58
PK	2.4488G	108.76	Inf	-Inf	31.33	3	Horizontal	320	2.54	-	77.43
AV	2.4584G	96.75	Inf	-Inf	31.34	3	Horizontal	320	2.54	-	65.41
PK	2.4848G	63.89	74.00	-10.11	31.40	3	Horizontal	320	2.54	-	32.49
AV	2.4835G	51.56	54.00	-2.44	31.39	3	Horizontal	320	2.54	-	20.17

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

09/09/2019



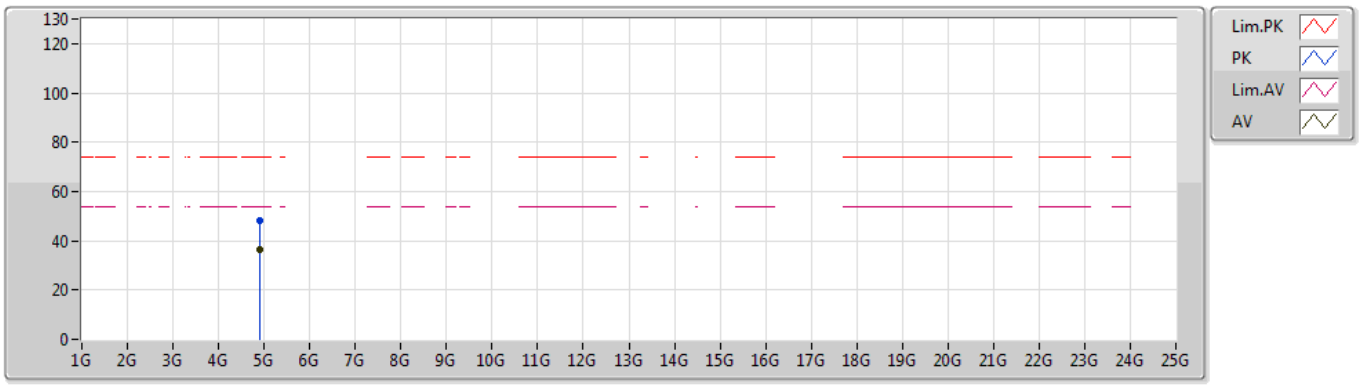
EUT Y_2TX
Setting 70
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.90322G	48.59	74.00	-25.41	7.36	3	Vertical	222	2.10	-	41.23
AV	4.90292G	36.66	54.00	-17.34	7.36	3	Vertical	222	2.10	-	29.30

802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

09/09/2019



EUT Y_2TX
Setting 70
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.89512G	48.34	74.00	-25.66	7.34	3	Horizontal	95	1.15	-	41.00
AV	4.9028G	36.15	54.00	-17.85	7.36	3	Horizontal	95	1.15	-	28.79

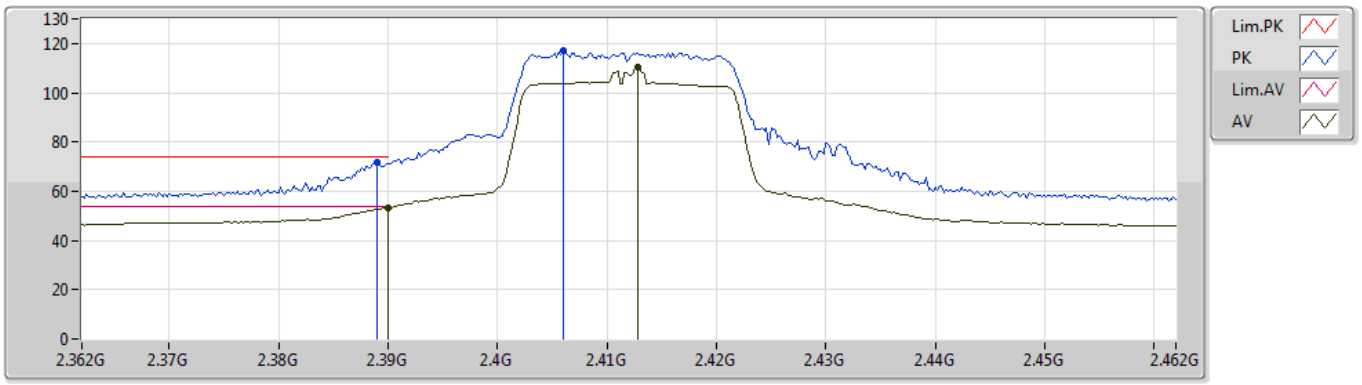
Summary

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-BF_Nss1,(MCS0)_2TX	Pass	AV	2.3884G	53.46	54.00	-0.54	31.93	3	Vertical	295	1.90	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

08/11/2019



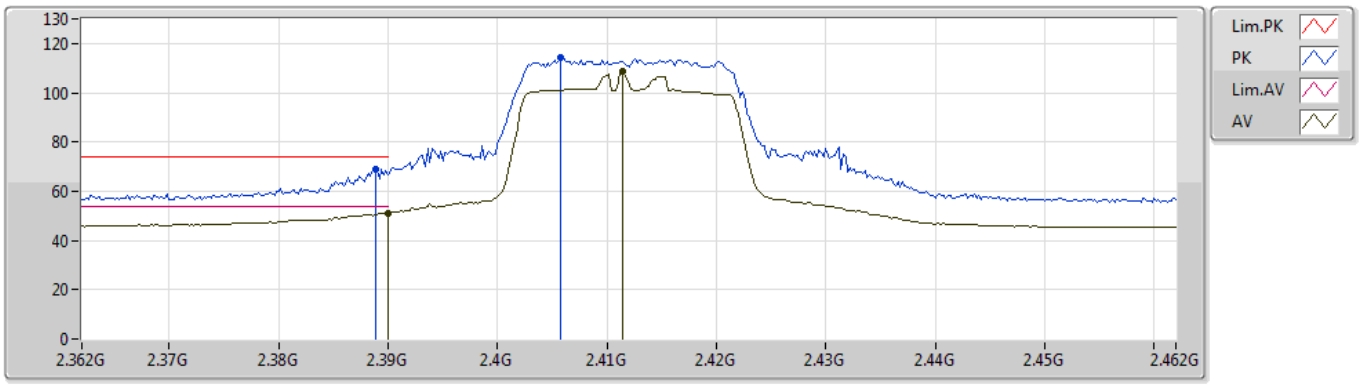
EUT Y_2TX
Setting 81
02-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.389G	71.64	74.00	-2.36	31.93	3	Vertical	284	1.93	-	39.71
AV	2.39G	53.10	54.00	-0.90	31.93	3	Vertical	284	1.93	-	21.17
PK	2.406G	117.32	Inf	-Inf	31.98	3	Vertical	284	1.93	-	85.34
AV	2.4128G	110.29	Inf	-Inf	32.01	3	Vertical	284	1.93	-	78.28

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/11/2019

2412MHz_TX



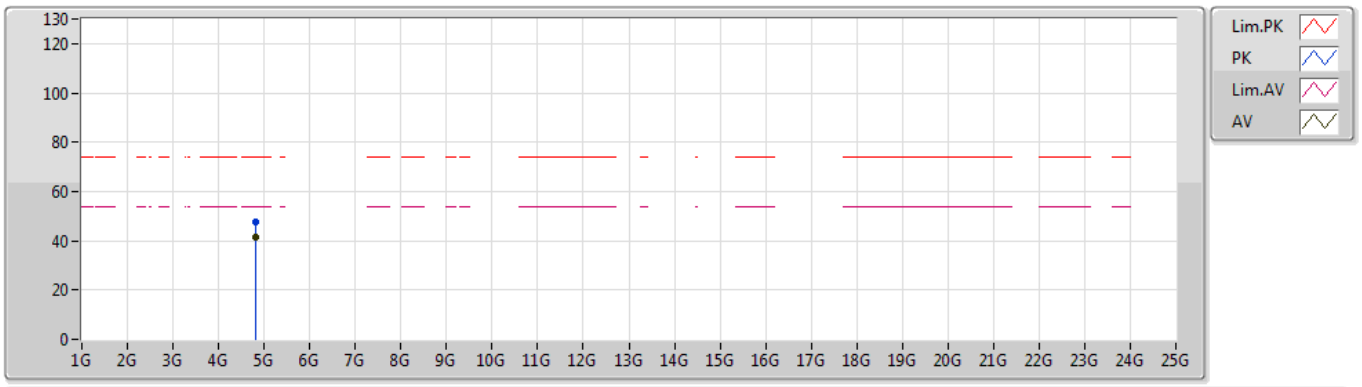
EUT Y_2TX
Setting 81
02-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3888G	69.03	74.00	-4.97	31.93	3	Horizontal	132	1.91	-	37.10
AV	2.39G	51.15	54.00	-2.85	31.93	3	Horizontal	132	1.91	-	19.22
PK	2.4058G	114.55	Inf	-Inf	31.98	3	Horizontal	132	1.91	-	82.57
AV	2.4114G	108.92	Inf	-Inf	32.00	3	Horizontal	132	1.91	-	76.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

08/11/2019



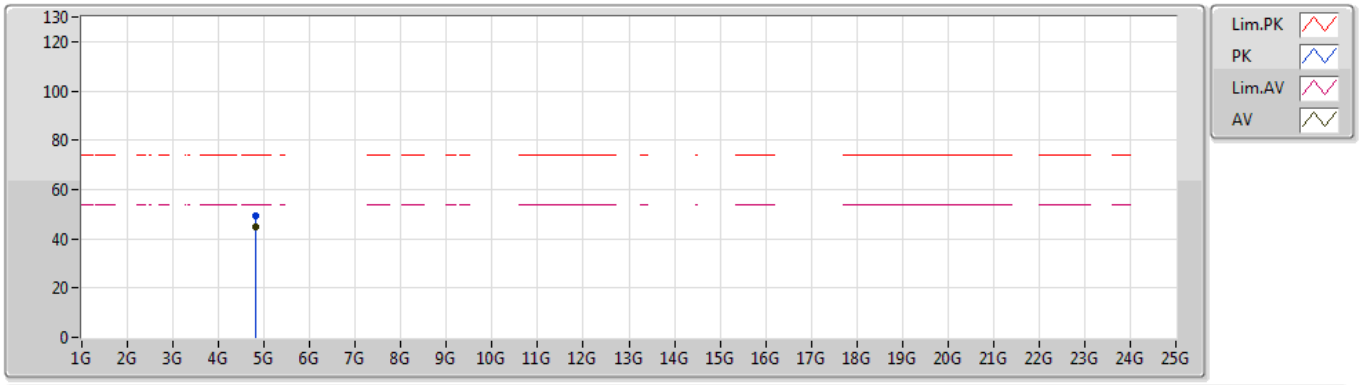
EUT Y_2TX
Setting 81
02-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.824G	47.60	74.00	-26.40	4.71	3	Vertical	271	1.03	-	42.89
AV	4.824G	41.45	54.00	-12.55	4.71	3	Vertical	271	1.03	-	36.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

08/11/2019



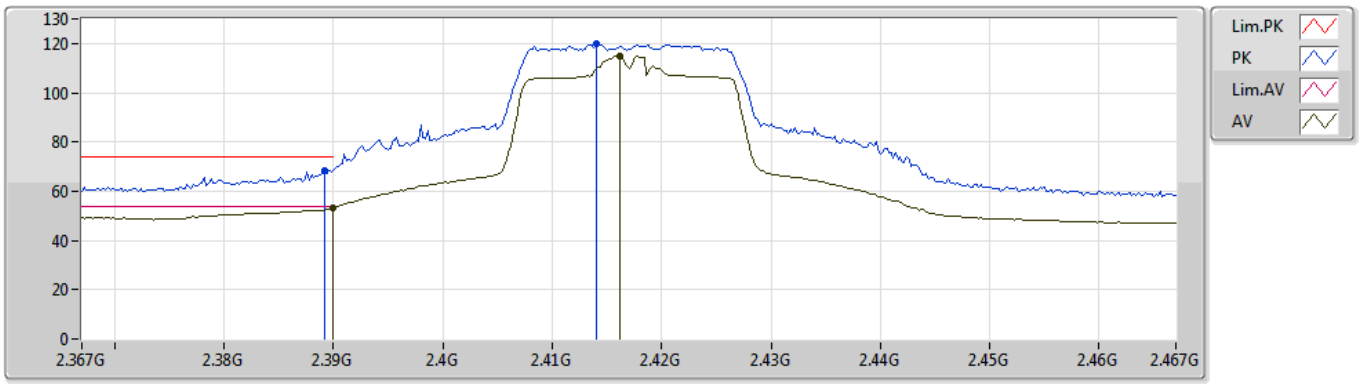
EUT Y_2TX
Setting 81
02-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8241G	49.19	74.00	-24.81	4.71	3	Horizontal	331	2.01	-	44.48
AV	4.824G	44.77	54.00	-9.23	4.71	3	Horizontal	331	2.01	-	40.06

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

07/11/2019



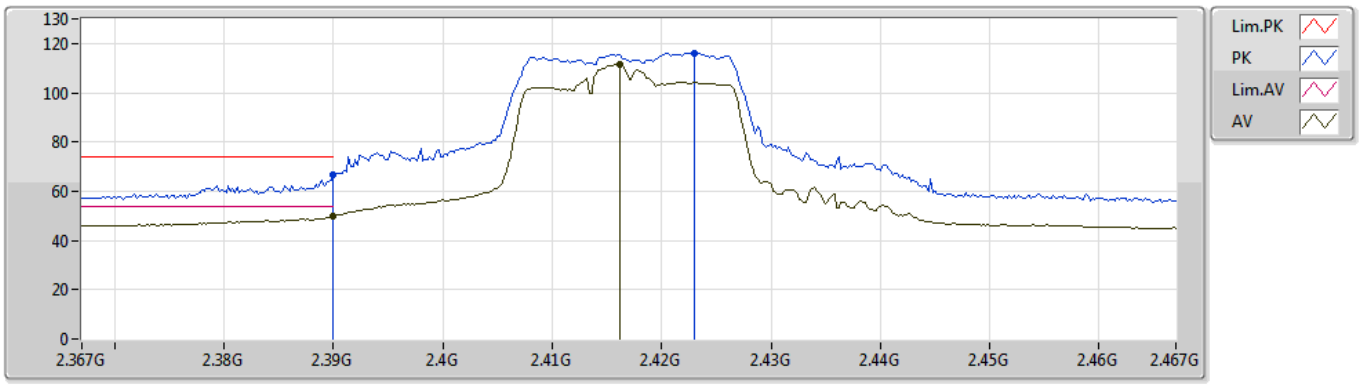
EUT Y_2TX
Setting 85
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3892G	68.39	74.00	-5.61	30.11	3	Vertical	288	1.87	-	38.28
AV	2.39G	53.43	54.00	-0.57	30.11	3	Vertical	288	1.87	-	23.32
PK	2.414G	119.90	Inf	-Inf	30.17	3	Vertical	288	1.87	-	89.73
AV	2.4162G	115.12	Inf	-Inf	30.17	3	Vertical	288	1.87	-	84.95

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

07/11/2019



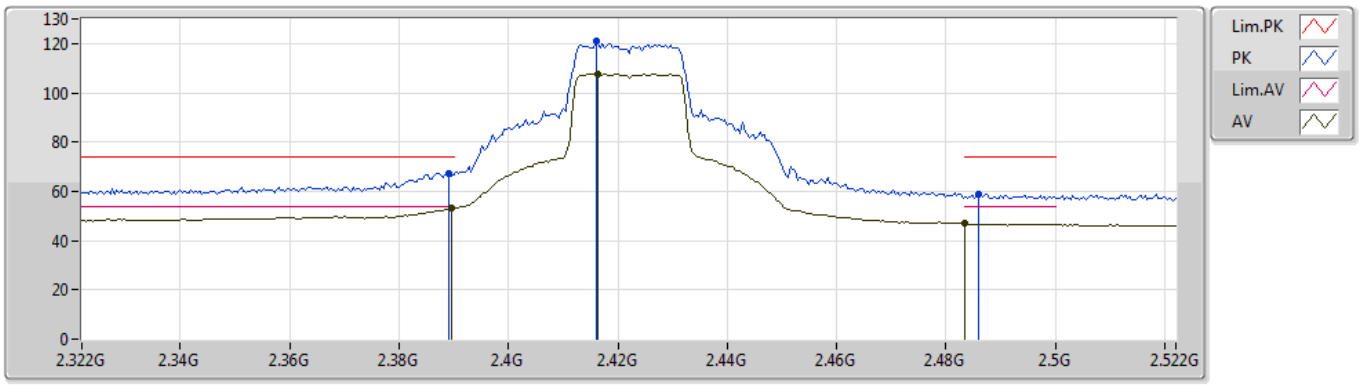
EUT Y_2TX
Setting 85
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	66.86	74.00	-7.14	29.84	3	Horizontal	127	2.84	-	37.02
AV	2.39G	49.73	54.00	-4.27	29.84	3	Horizontal	127	2.84	-	19.89
PK	2.423G	116.18	Inf	-Inf	29.94	3	Horizontal	127	2.84	-	86.24
AV	2.4162G	111.50	Inf	-Inf	29.91	3	Horizontal	127	2.84	-	81.59

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2422MHz_TX

08/11/2019



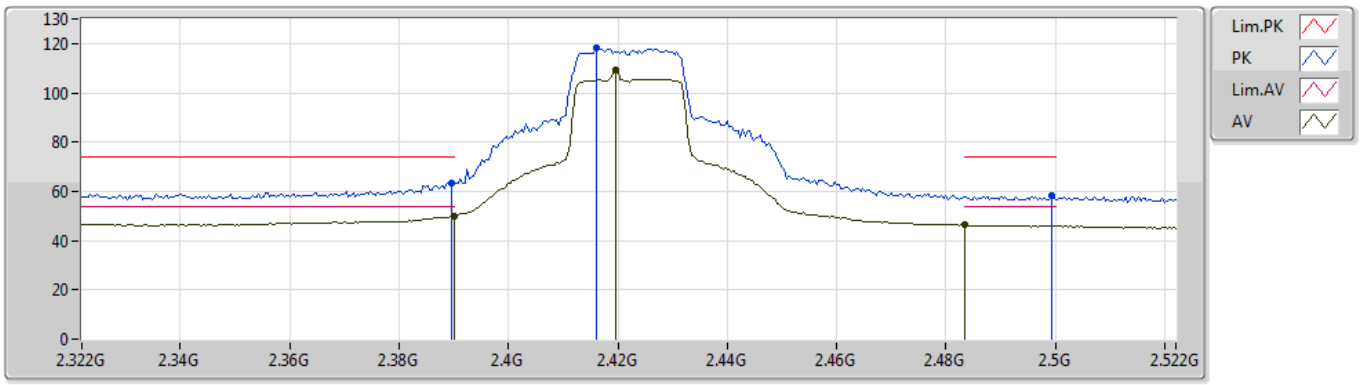
EUT Y_2TX
Setting 94
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3892G	67.46	74.00	-6.54	31.93	3	Vertical	281	1.54	-	35.53
AV	2.3896G	53.06	54.00	-0.94	31.93	3	Vertical	281	1.54	-	21.13
PK	2.416G	120.76	Inf	-Inf	32.02	3	Vertical	281	1.54	-	88.74
AV	2.4164G	107.65	Inf	-Inf	32.02	3	Vertical	281	1.54	-	75.63
PK	2.486G	58.75	74.00	-15.25	32.26	3	Vertical	281	1.54	-	26.49
AV	2.4835G	46.79	54.00	-7.21	32.25	3	Vertical	281	1.54	-	14.54

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2422MHz_TX

08/11/2019



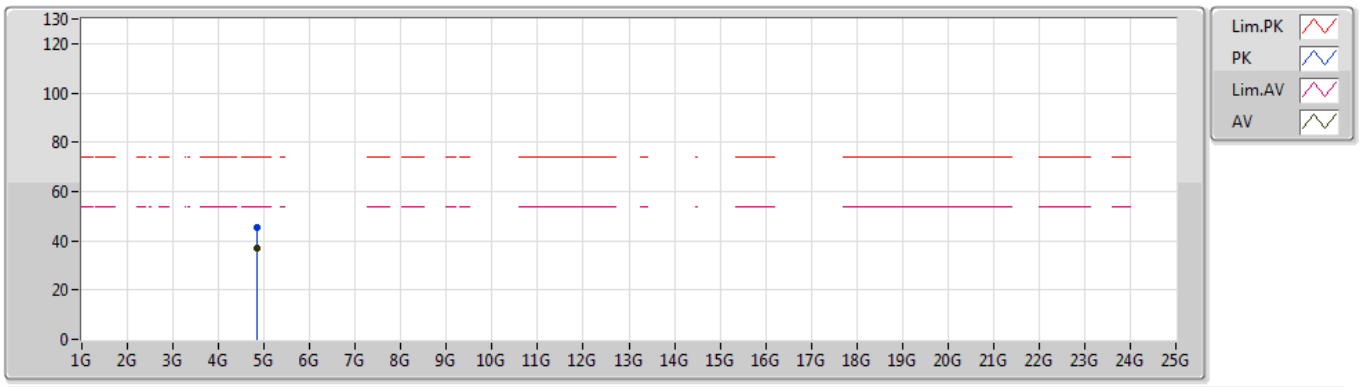
EUT Y_2TX
Setting 94
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3896G	63.33	74.00	-10.67	31.93	3	Horizontal	219	2.56	-	31.40
AV	2.39G	49.88	54.00	-4.12	31.93	3	Horizontal	219	2.56	-	17.95
PK	2.416G	118.29	Inf	-Inf	32.02	3	Horizontal	219	2.56	-	86.27
AV	2.4196G	109.47	Inf	-Inf	32.03	3	Horizontal	219	2.56	-	77.44
PK	2.4992G	58.23	74.00	-15.77	32.31	3	Horizontal	219	2.56	-	25.92
AV	2.4835G	46.27	54.00	-7.73	32.25	3	Horizontal	219	2.56	-	14.02

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2422MHz_TX

08/11/2019



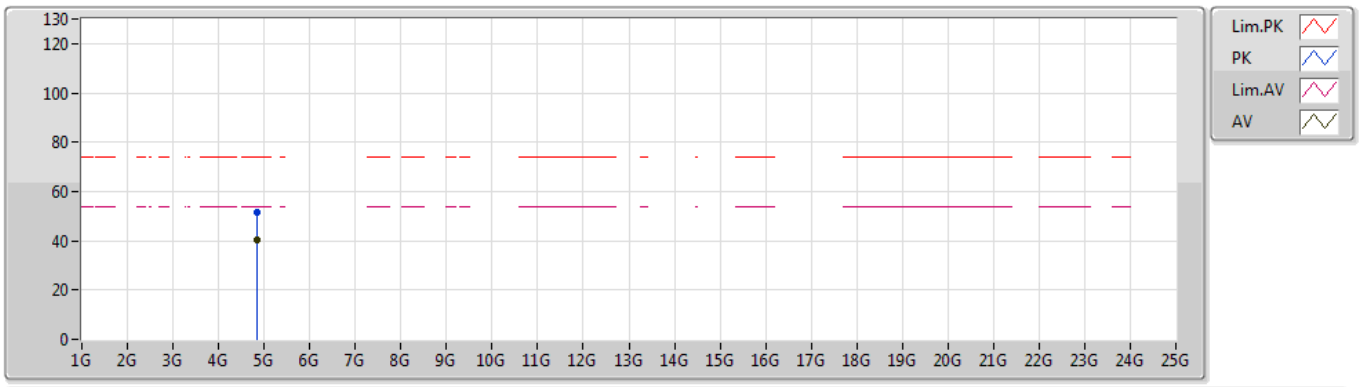
EUT Y_2TX
Setting 94
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8355G	45.23	74.00	-28.77	4.73	3	Vertical	54	1.68	-	40.50
AV	4.8441G	36.84	54.00	-17.16	4.75	3	Vertical	54	1.68	-	32.09

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2422MHz_TX

08/11/2019



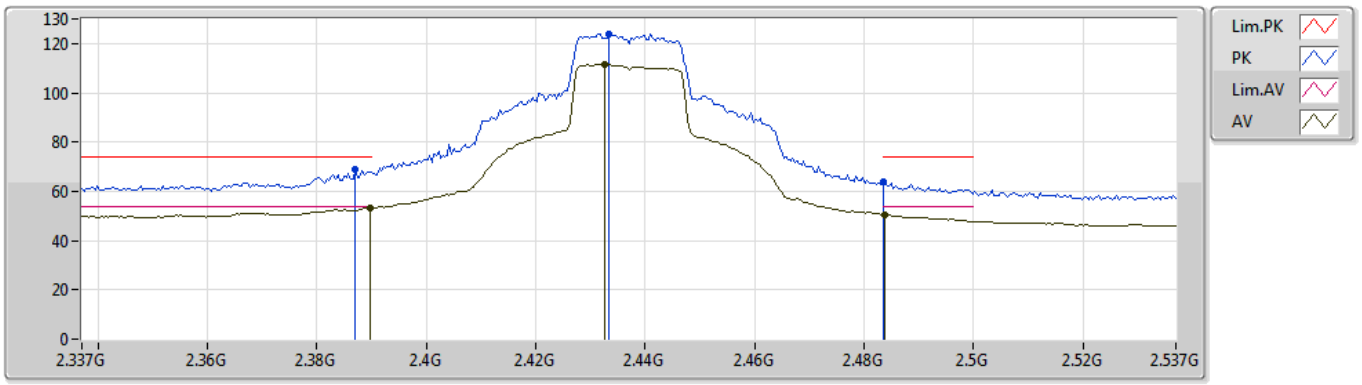
EUT Y_2TX
Setting 94
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8384G	51.28	74.00	-22.72	4.74	3	Horizontal	1	2.26	-	46.54
AV	4.8441G	40.34	54.00	-13.66	4.75	3	Horizontal	1	2.26	-	35.59

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

07/11/2019



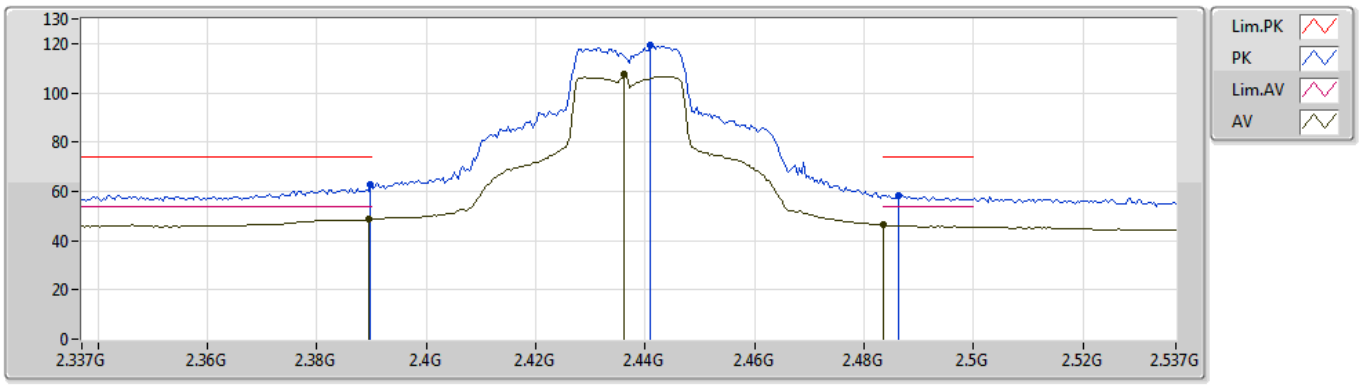
EUT Y_2TX
Setting 101
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.387G	69.17	74.00	-4.83	30.11	3	Vertical	286	1.88	-	39.06
AV	2.3898G	53.27	54.00	-0.73	30.11	3	Vertical	286	1.88	-	23.16
PK	2.4334G	124.03	Inf	-Inf	30.25	3	Vertical	286	1.88	-	93.78
AV	2.4326G	111.37	Inf	-Inf	30.25	3	Vertical	286	1.88	-	81.12
PK	2.4835G	63.70	74.00	-10.30	30.47	3	Vertical	286	1.88	-	33.23
AV	2.4838G	50.58	54.00	-3.42	30.48	3	Vertical	286	1.88	-	20.10

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

07/11/2019



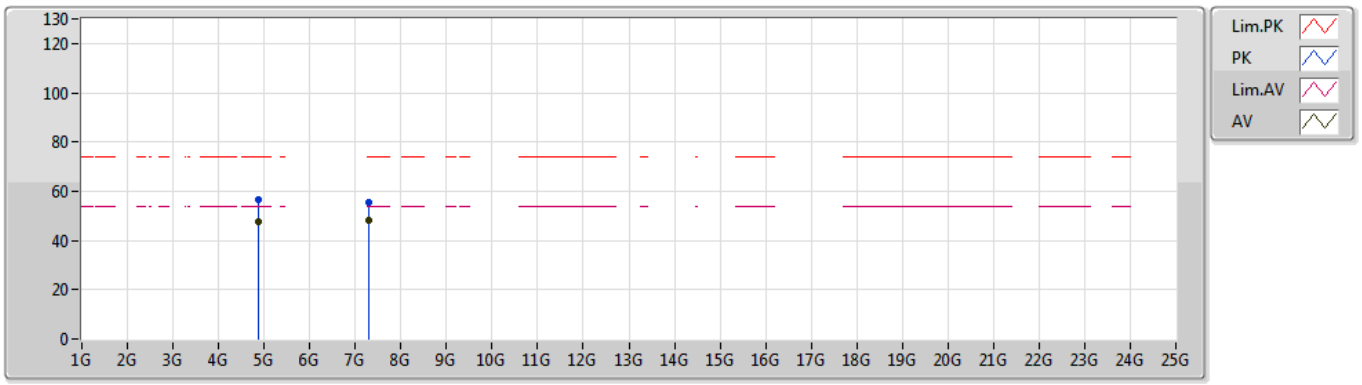
EUT Y_2TX
Setting 101
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	62.52	74.00	-11.48	29.84	3	Horizontal	141	2.53	-	32.68
AV	2.3894G	48.76	54.00	-5.24	29.84	3	Horizontal	141	2.53	-	18.92
PK	2.441G	119.42	Inf	-Inf	30.02	3	Horizontal	141	2.53	-	89.40
AV	2.4362G	107.67	Inf	-Inf	30.00	3	Horizontal	141	2.53	-	77.67
PK	2.4862G	58.32	74.00	-15.68	30.22	3	Horizontal	141	2.53	-	28.10
AV	2.4835G	46.42	54.00	-7.58	30.21	3	Horizontal	141	2.53	-	16.21

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

07/11/2019



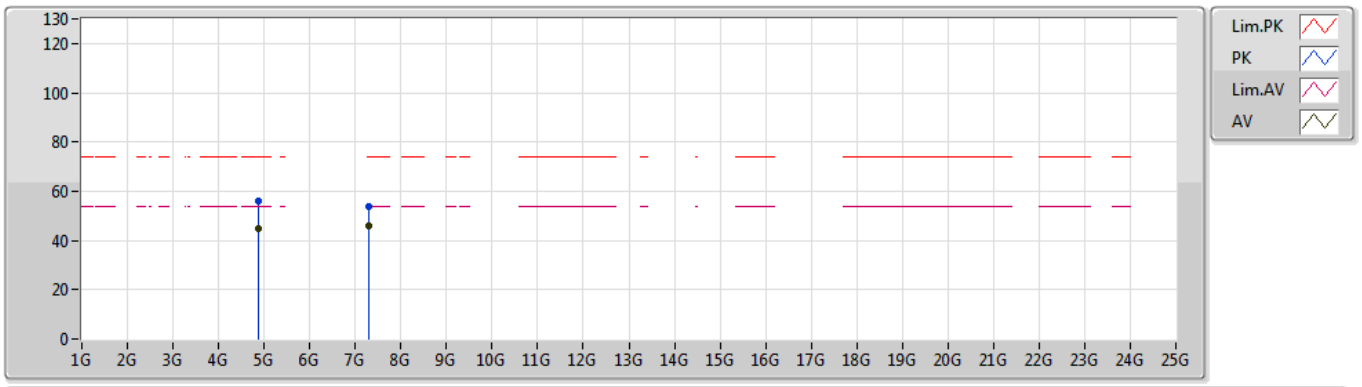
EUT Y_2TX
Setting 101
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.86816G	56.79	74.00	-17.21	3.69	3	Vertical	302	1.15	-	53.10
AV	4.87704G	47.54	54.00	-6.46	3.74	3	Vertical	302	1.15	-	43.80
PK	7.30932G	55.57	74.00	-18.43	9.59	3	Vertical	269	1.17	-	45.98
AV	7.30924G	48.09	54.00	-5.91	9.59	3	Vertical	269	1.17	-	38.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

07/11/2019



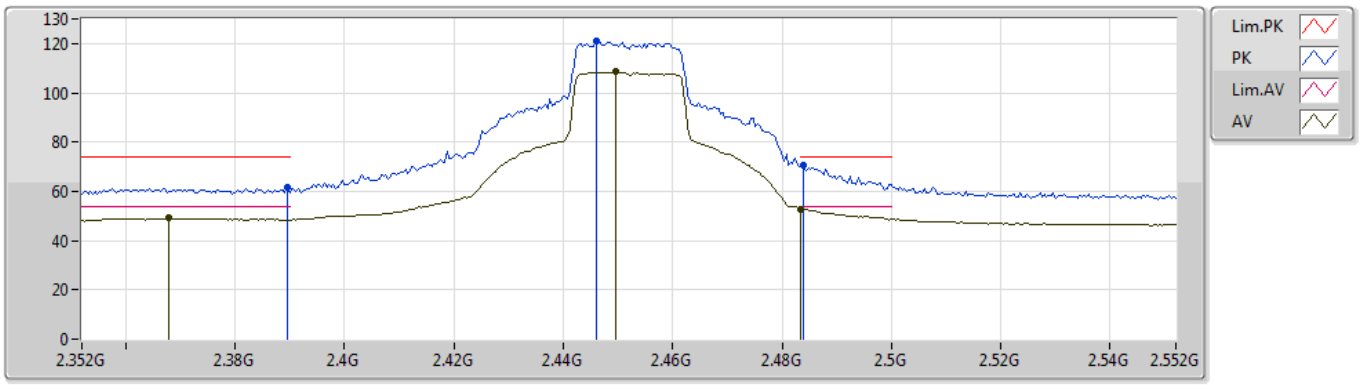
EUT Y_2TX
Setting 101
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.868G	56.06	74.00	-17.94	3.69	3	Horizontal	193	1.54	-	52.37
AV	4.874G	44.74	54.00	-9.26	3.73	3	Horizontal	193	1.54	-	41.01
PK	7.3098G	53.87	74.00	-20.13	9.59	3	Horizontal	357	1.53	-	44.28
AV	7.30964G	45.97	54.00	-8.03	9.59	3	Horizontal	357	1.53	-	36.38

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2452MHz_TX

08/11/2019



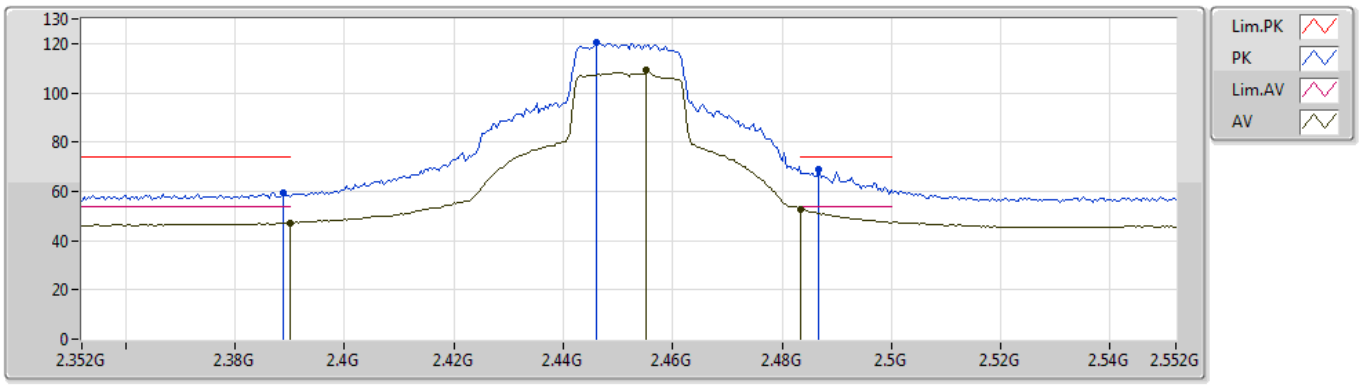
EUT Y_2TX
Setting 99
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3896G	61.63	74.00	-12.37	31.93	3	Vertical	269	1.50	-	29.70
AV	2.368G	49.19	54.00	-4.81	31.87	3	Vertical	269	1.50	-	17.32
PK	2.446G	121.10	Inf	-Inf	32.12	3	Vertical	269	1.50	-	88.98
AV	2.4496G	108.50	Inf	-Inf	32.13	3	Vertical	269	1.50	-	76.37
PK	2.484G	70.86	74.00	-3.14	32.25	3	Vertical	269	1.50	-	38.61
AV	2.4835G	52.93	54.00	-1.07	32.25	3	Vertical	269	1.50	-	20.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2452MHz_TX

08/11/2019



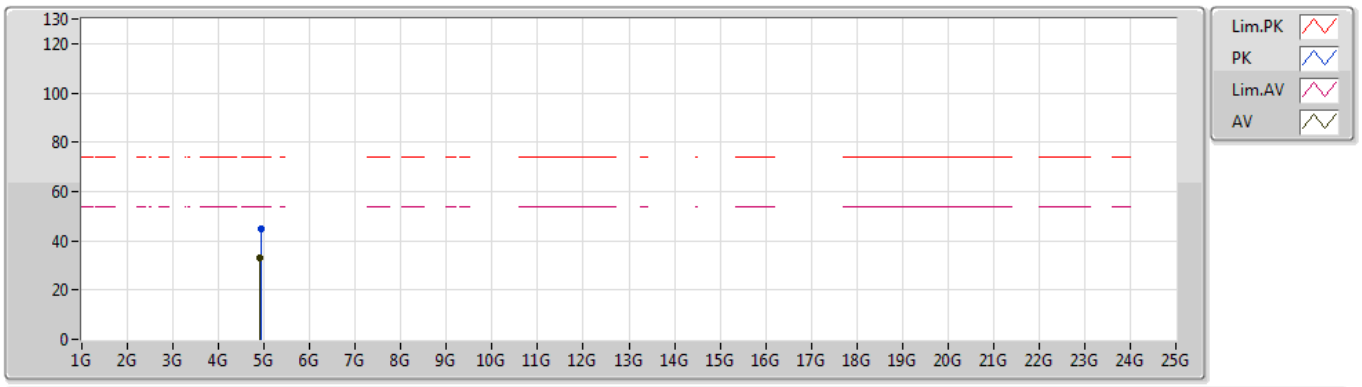
EUT Y_2TX
Setting 99
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3888G	59.47	74.00	-14.53	31.93	3	Horizontal	220	2.56	-	27.54
AV	2.39G	47.24	54.00	-6.76	31.93	3	Horizontal	220	2.56	-	15.31
PK	2.446G	120.35	Inf	-Inf	32.12	3	Horizontal	220	2.56	-	88.23
AV	2.4552G	109.54	Inf	-Inf	32.16	3	Horizontal	220	2.56	-	77.38
PK	2.4868G	68.74	74.00	-5.26	32.26	3	Horizontal	220	2.56	-	36.48
AV	2.4835G	52.54	54.00	-1.46	32.25	3	Horizontal	220	2.56	-	20.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2452MHz_TX

08/11/2019



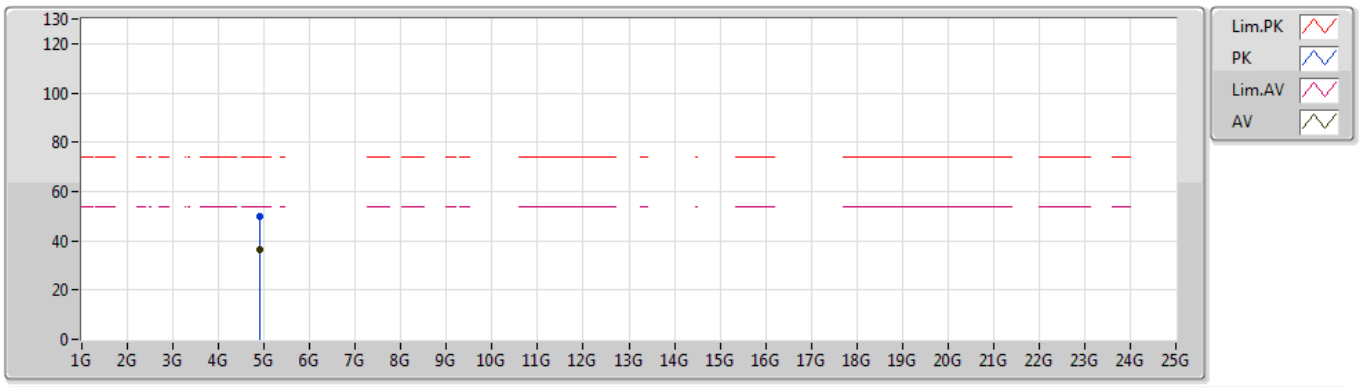
EUT Y_2TX
Setting 99
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.9232G	44.96	74.00	-29.04	4.90	3	Vertical	188	2.54	-	40.06
AV	4.9041G	33.24	54.00	-20.76	4.86	3	Vertical	188	2.54	-	28.38

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

08/11/2019

2452MHz_TX



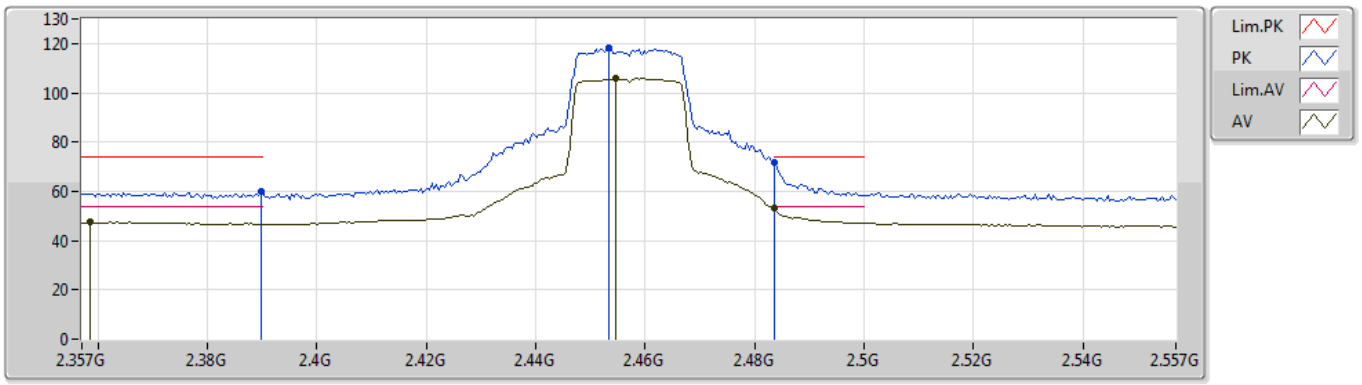
EUT Y_2TX
Setting 99
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8985G	49.77	74.00	-24.23	4.85	3	Horizontal	347	1.50	-	44.92
AV	4.9039G	36.51	54.00	-17.49	4.86	3	Horizontal	347	1.50	-	31.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

08/11/2019



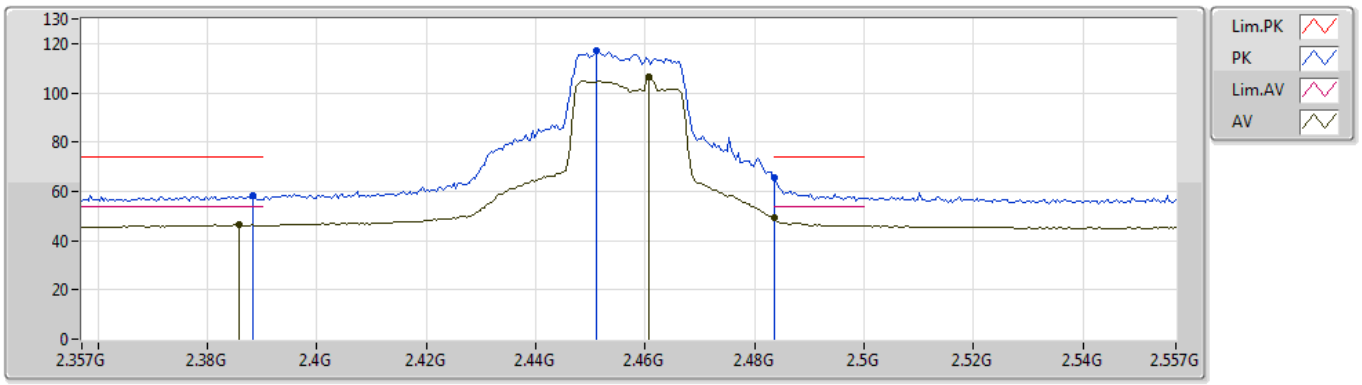
EUT Y_2TX
Setting 86
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3898G	59.91	74.00	-14.09	31.93	3	Vertical	278	2.06	-	27.98
AV	2.3586G	47.46	54.00	-6.54	31.85	3	Vertical	278	2.06	-	15.61
PK	2.4534G	118.26	Inf	-Inf	32.15	3	Vertical	278	2.06	-	86.11
AV	2.4546G	105.85	Inf	-Inf	32.15	3	Vertical	278	2.06	-	73.70
PK	2.4835G	71.82	74.00	-2.18	32.25	3	Vertical	278	2.06	-	39.57
AV	2.4835G	53.13	54.00	-0.87	32.25	3	Vertical	278	2.06	-	20.88

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

08/11/2019



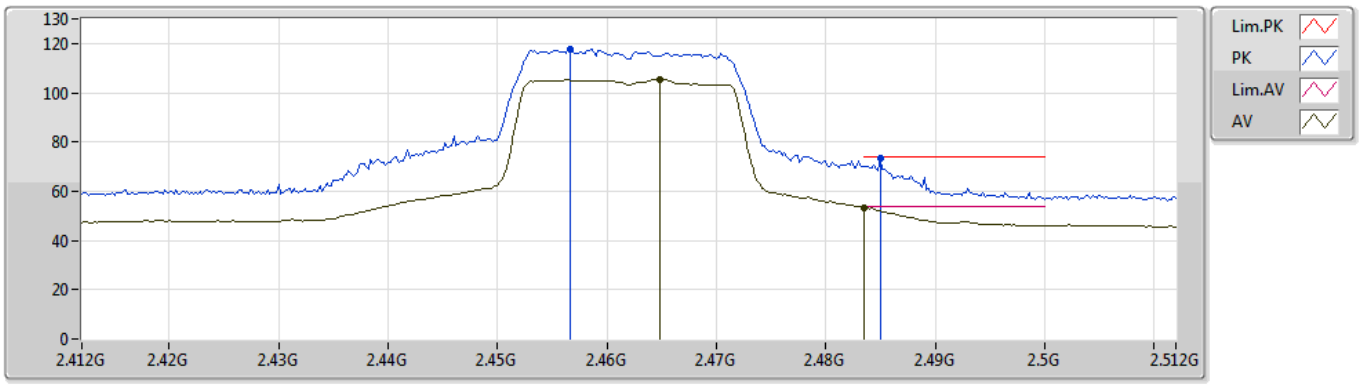
EUT Y_2TX
Setting 86
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3882G	58.27	74.00	-15.73	31.93	3	Horizontal	219	2.31	-	26.34
AV	2.3858G	46.54	54.00	-7.46	31.92	3	Horizontal	219	2.31	-	14.62
PK	2.451G	117.34	Inf	-Inf	32.14	3	Horizontal	219	2.31	-	85.20
AV	2.4606G	106.41	Inf	-Inf	32.17	3	Horizontal	219	2.31	-	74.24
PK	2.4835G	65.31	74.00	-8.69	32.25	3	Horizontal	219	2.31	-	33.06
AV	2.4835G	49.14	54.00	-4.86	32.25	3	Horizontal	219	2.31	-	16.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

07/11/2019



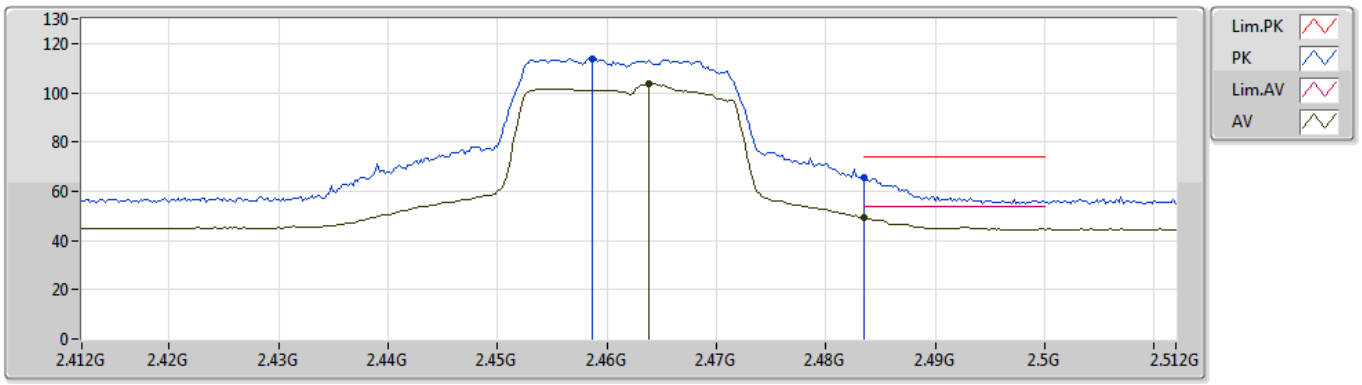
EUT Y_2TX
Setting 78
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4566G	117.71	Inf	-Inf	30.36	3	Vertical	285	1.71	-	87.35
AV	2.4648G	105.59	Inf	-Inf	30.39	3	Vertical	285	1.71	-	75.20
PK	2.485G	73.21	74.00	-0.79	30.48	3	Vertical	285	1.71	-	42.73
AV	2.4835G	53.39	54.00	-0.61	30.47	3	Vertical	285	1.71	-	22.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

07/11/2019



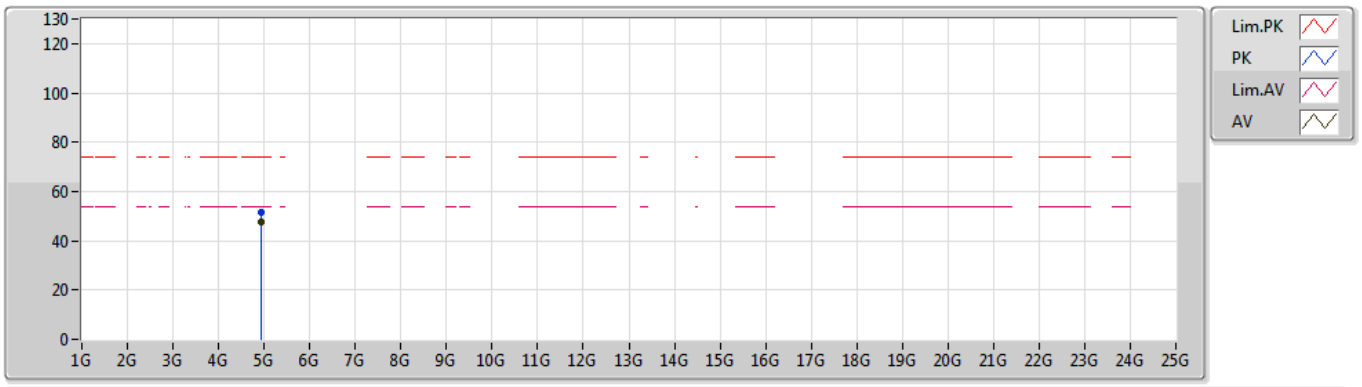
EUT Y_2TX
Setting 78
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.4586G	113.73	Inf	-Inf	30.10	3	Horizontal	140	2.78	-	83.63
AV	2.4638G	103.91	Inf	-Inf	30.13	3	Horizontal	140	2.78	-	73.78
PK	2.4835G	65.50	74.00	-8.50	30.21	3	Horizontal	140	2.78	-	35.29
AV	2.4835G	49.16	54.00	-4.84	30.21	3	Horizontal	140	2.78	-	18.95

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

07/11/2019



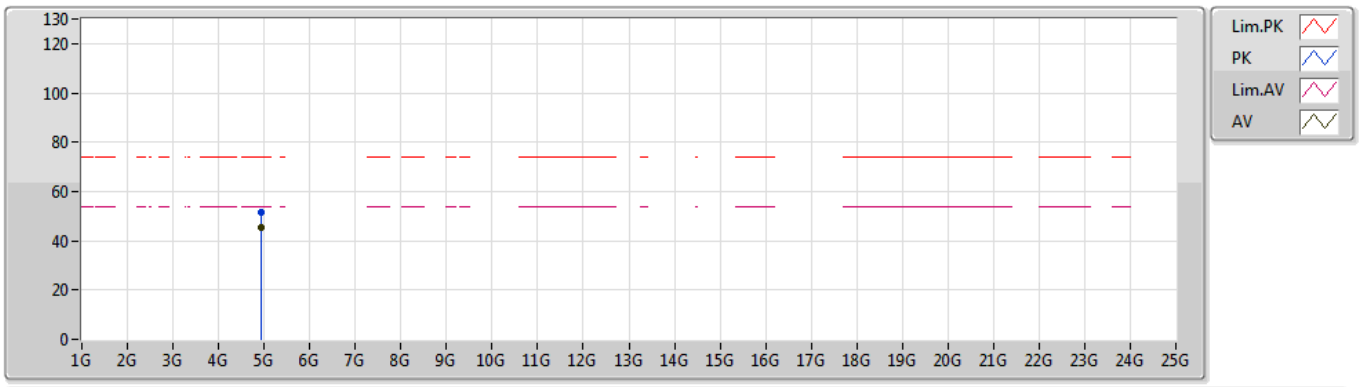
EUT Y_2TX
Setting 78
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.924G	51.81	74.00	-22.19	3.92	3	Vertical	266	1.42	-	47.89
AV	4.92408G	47.81	54.00	-6.19	3.92	3	Vertical	266	1.42	-	43.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

07/11/2019



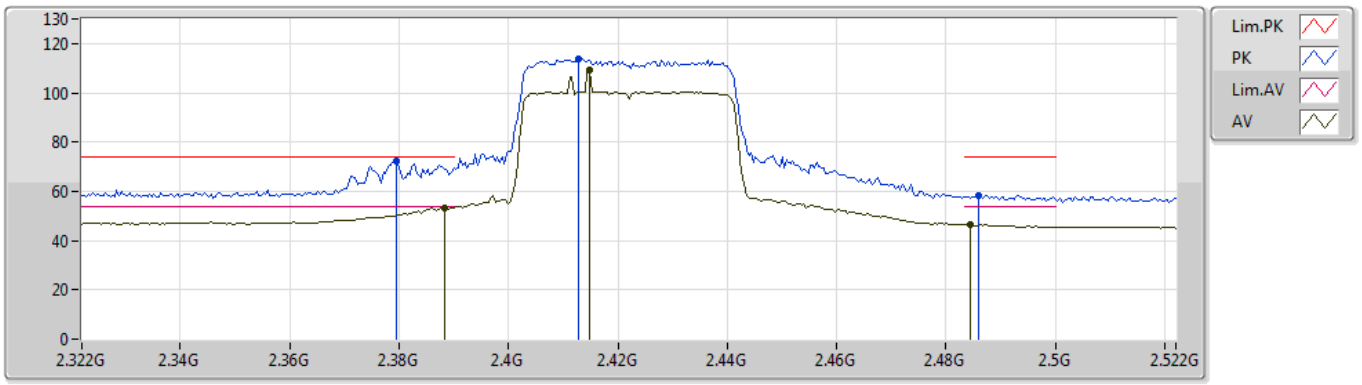
EUT Y_2TX
Setting 78
02-B-4
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
AV	4.924G	45.43	54.00	-8.57	3.92	3	Horizontal	192	2.41	-	41.51
PK	4.92656G	51.56	74.00	-22.44	3.92	3	Horizontal	192	2.41	-	47.64

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

08/11/2019



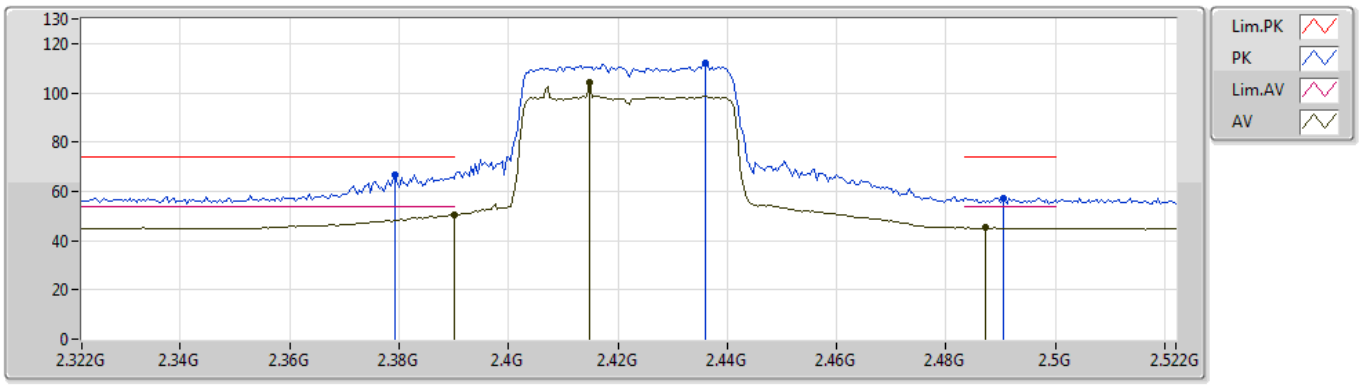
EUT Y_2TX
Setting 75
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3796G	72.54	74.00	-1.46	31.90	3	Vertical	295	1.90	-	40.64
AV	2.3884G	53.46	54.00	-0.54	31.93	3	Vertical	295	1.90	-	21.53
PK	2.4128G	113.86	Inf	-Inf	32.01	3	Vertical	295	1.90	-	81.85
AV	2.4148G	109.16	Inf	-Inf	32.01	3	Vertical	295	1.90	-	77.15
PK	2.486G	58.55	74.00	-15.45	32.26	3	Vertical	295	1.90	-	26.29
AV	2.4844G	46.57	54.00	-7.43	32.25	3	Vertical	295	1.90	-	14.32

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

08/11/2019



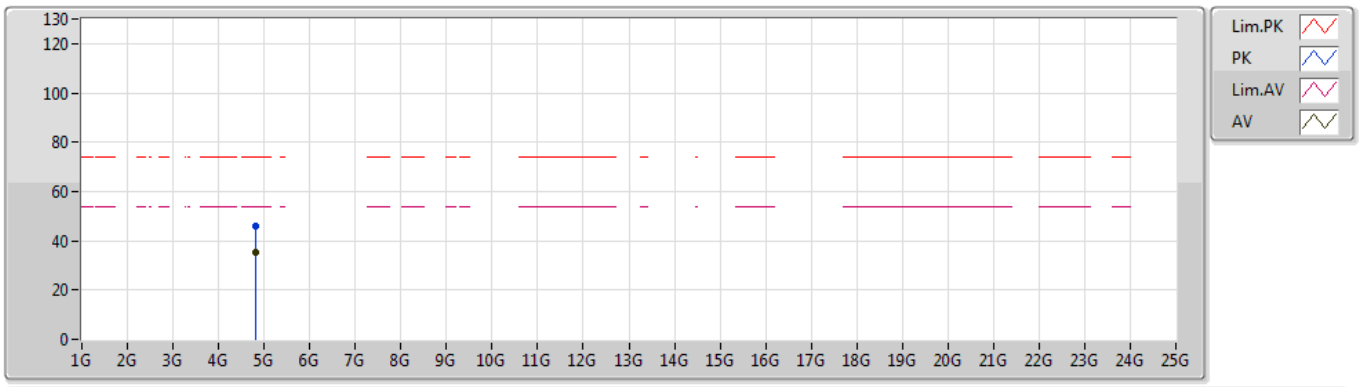
EUT Y_2TX
Setting 75
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3792G	66.90	74.00	-7.10	31.90	3	Horizontal	128	2.90	-	35.00
AV	2.39G	50.47	54.00	-3.53	31.93	3	Horizontal	128	2.90	-	18.54
PK	2.436G	111.93	Inf	-Inf	32.09	3	Horizontal	128	2.90	-	79.84
AV	2.4148G	104.20	Inf	-Inf	32.01	3	Horizontal	128	2.90	-	72.19
PK	2.4904G	57.34	74.00	-16.66	32.28	3	Horizontal	128	2.90	-	25.06
AV	2.4872G	45.17	54.00	-8.83	32.26	3	Horizontal	128	2.90	-	12.91

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

08/11/2019



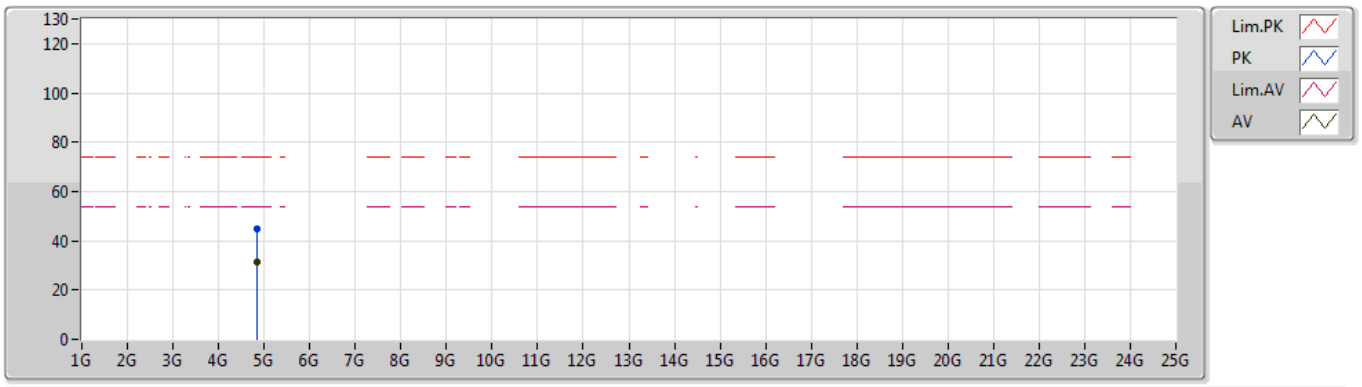
EUT Y_2TX
Setting 75
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8256G	45.84	74.00	-28.16	4.71	3	Vertical	198	1.28	-	41.13
AV	4.824G	35.32	54.00	-18.68	4.71	3	Vertical	198	1.28	-	30.61

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

08/11/2019



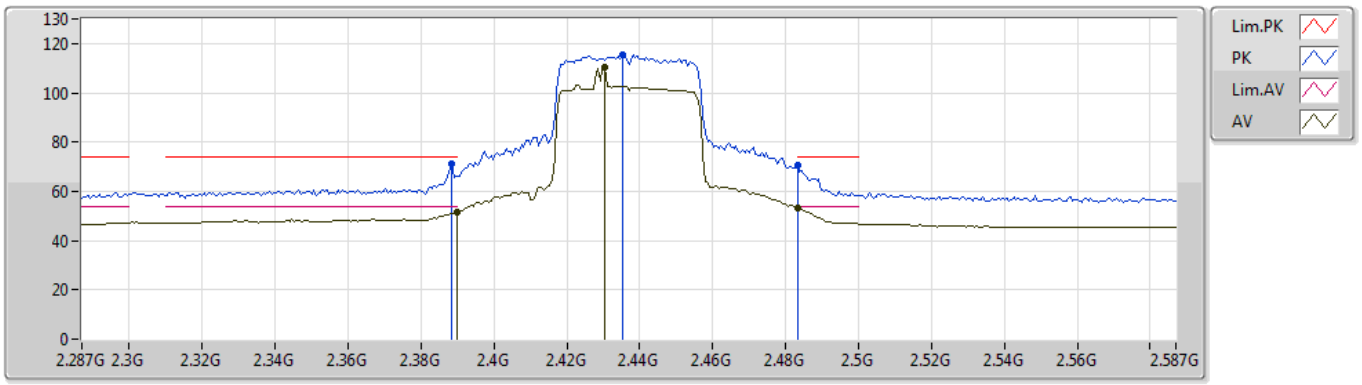
EUT Y_2TX
Setting 75
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.838G	44.77	74.00	-29.23	4.74	3	Horizontal	175	1.49	-	40.03
AV	4.8448G	31.43	54.00	-22.57	4.75	3	Horizontal	175	1.49	-	26.68

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

08/11/2019



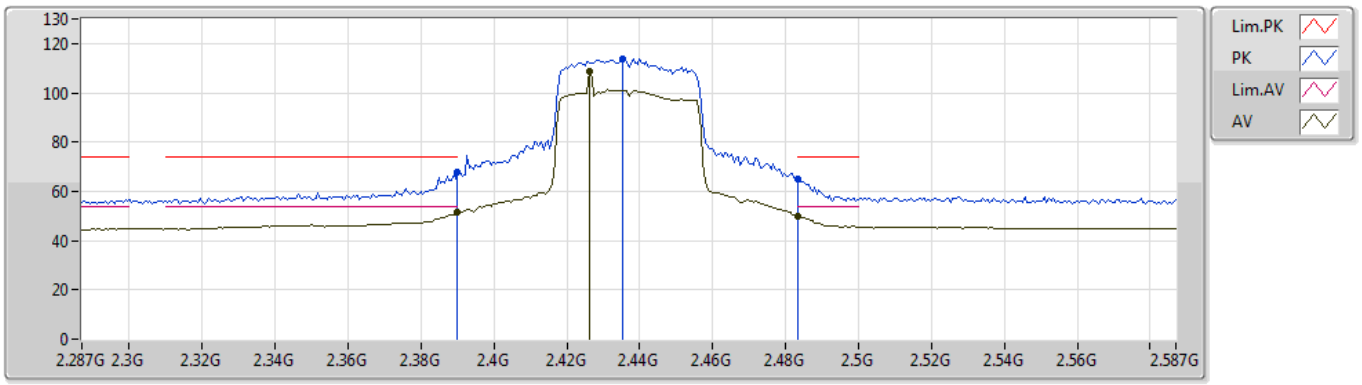
EUT Y_2TX
Setting 82
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3884G	71.24	74.00	-2.76	31.93	3	Vertical	281	1.87	-	39.31
AV	2.39G	51.65	54.00	-2.35	31.93	3	Vertical	281	1.87	-	19.72
PK	2.4352G	115.58	Inf	-Inf	32.09	3	Vertical	281	1.87	-	83.49
AV	2.4304G	110.16	Inf	-Inf	32.07	3	Vertical	281	1.87	-	78.09
PK	2.4835G	70.66	74.00	-3.34	32.25	3	Vertical	281	1.87	-	38.41
AV	2.4835G	53.22	54.00	-0.78	32.25	3	Vertical	281	1.87	-	20.97

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

08/11/2019



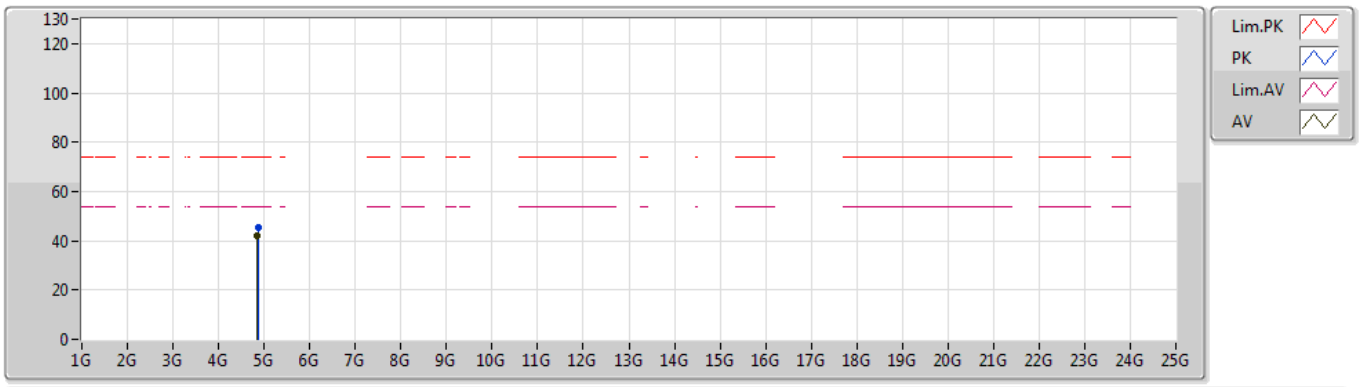
EUT Y_2TX
Setting 82
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.39G	67.74	74.00	-6.26	31.93	3	Horizontal	135	2.67	-	35.81
AV	2.39G	51.39	54.00	-2.61	31.93	3	Horizontal	135	2.67	-	19.46
PK	2.4352G	113.86	Inf	-Inf	32.09	3	Horizontal	135	2.67	-	81.77
AV	2.4262G	108.51	Inf	-Inf	32.05	3	Horizontal	135	2.67	-	76.46
PK	2.4835G	64.74	74.00	-9.26	32.25	3	Horizontal	135	2.67	-	32.49
AV	2.4835G	49.97	54.00	-4.03	32.25	3	Horizontal	135	2.67	-	17.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

08/11/2019



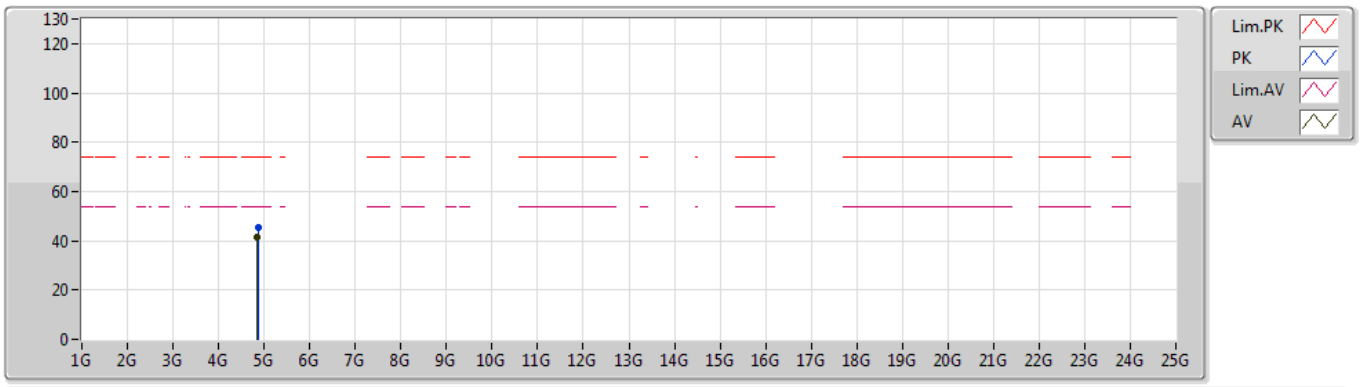
EUT Y_2TX
Setting 82
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8703G	45.34	74.00	-28.66	4.79	3	Vertical	112	2.37	-	40.55
AV	4.854G	42.30	54.00	-11.70	4.76	3	Vertical	112	2.37	-	37.54

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

08/11/2019



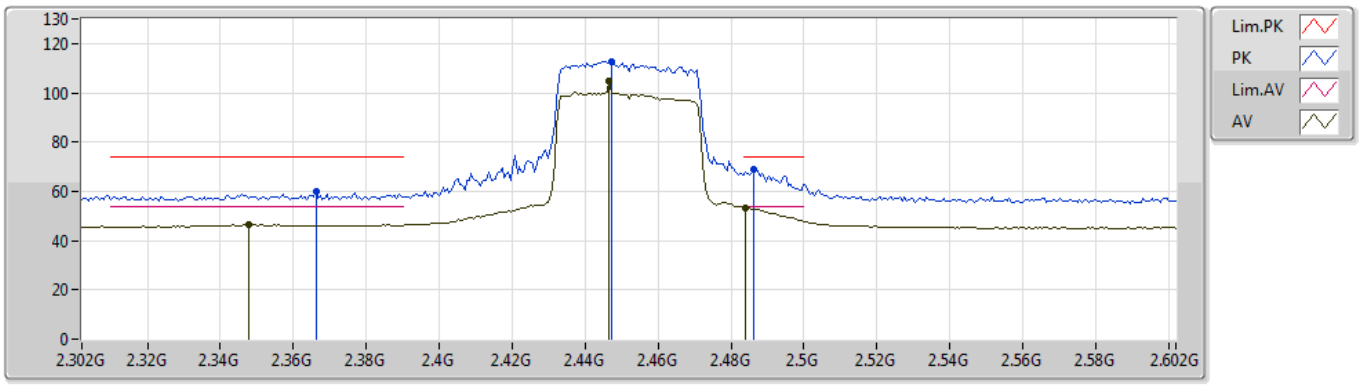
EUT Y_2TX
Setting 82
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8699G	45.43	74.00	-28.57	4.79	3	Horizontal	223	1.25	-	40.64
AV	4.8541G	41.52	54.00	-12.48	4.76	3	Horizontal	223	1.25	-	36.76

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

08/11/2019



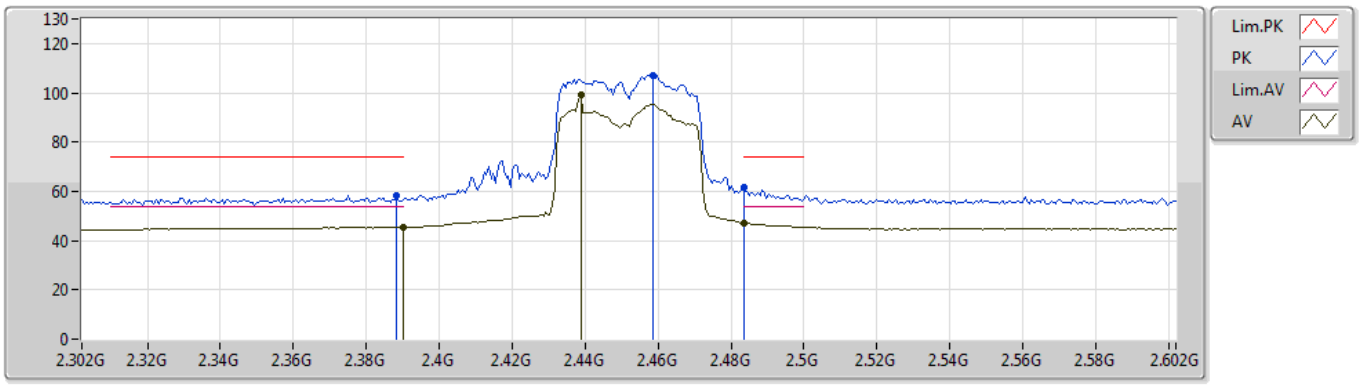
EUT Y_2TX
Setting 73
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3662G	60.03	74.00	-13.97	31.86	3	Vertical	291	2.12	-	28.17
AV	2.3476G	46.45	54.00	-7.55	31.82	3	Vertical	291	2.12	-	14.63
PK	2.4472G	112.57	Inf	-Inf	32.12	3	Vertical	291	2.12	-	80.45
AV	2.4466G	104.51	Inf	-Inf	32.12	3	Vertical	291	2.12	-	72.39
PK	2.4862G	69.05	74.00	-4.95	32.26	3	Vertical	291	2.12	-	36.79
AV	2.4838G	53.22	54.00	-0.78	32.25	3	Vertical	291	2.12	-	20.97

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

08/11/2019



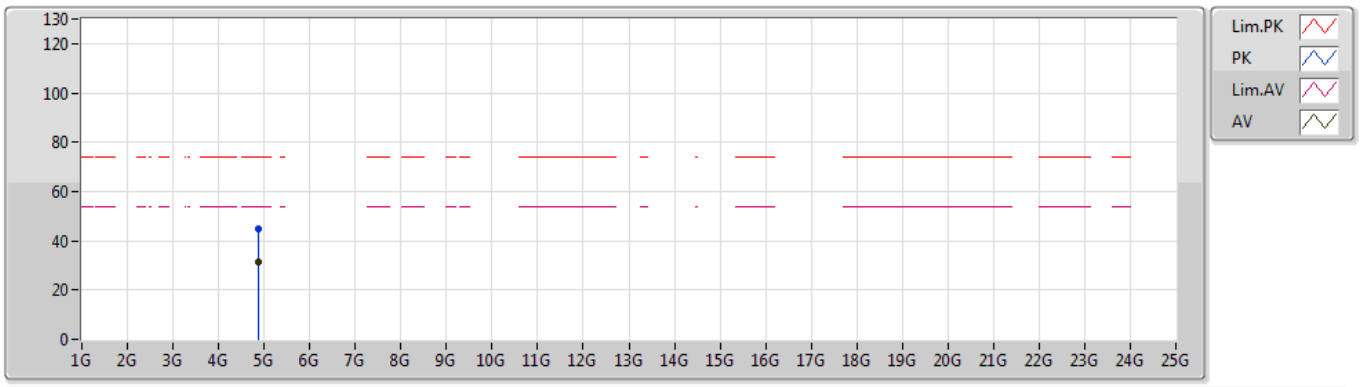
EUT Y_2TX
Setting 73
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	2.3884G	58.30	74.00	-15.70	31.93	3	Horizontal	217	1.50	-	26.37
AV	2.39G	45.46	54.00	-8.54	31.93	3	Horizontal	217	1.50	-	13.53
PK	2.4586G	107.22	Inf	-Inf	32.17	3	Horizontal	217	1.50	-	75.05
AV	2.4388G	99.01	Inf	-Inf	32.10	3	Horizontal	217	1.50	-	66.91
PK	2.4835G	61.72	74.00	-12.28	32.25	3	Horizontal	217	1.50	-	29.47
AV	2.4835G	47.26	54.00	-6.74	32.25	3	Horizontal	217	1.50	-	15.01

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

08/11/2019



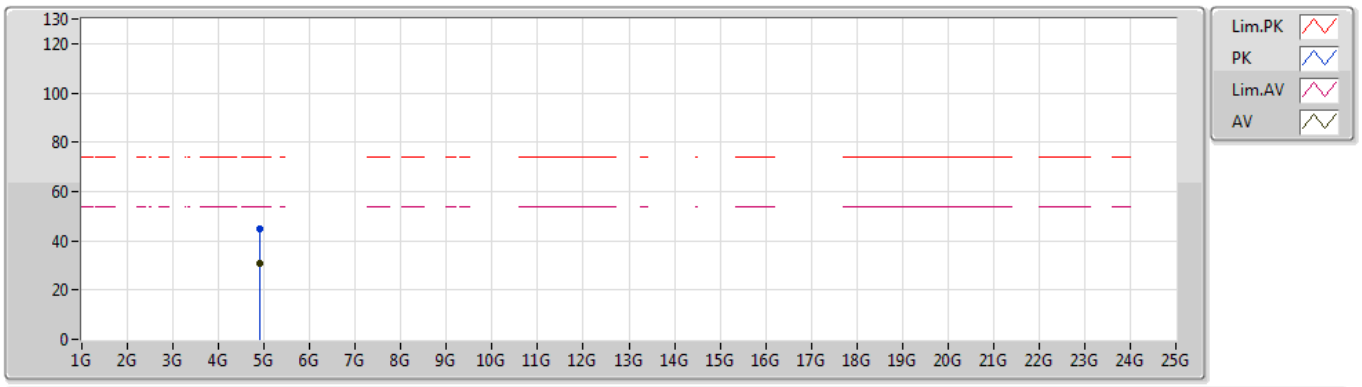
EUT Y_2TX
Setting 73
03-A-3
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8834G	44.89	74.00	-29.11	4.82	3	Vertical	228	1.13	-	40.07
AV	4.8839G	31.19	54.00	-22.81	4.82	3	Vertical	228	1.13	-	26.37

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

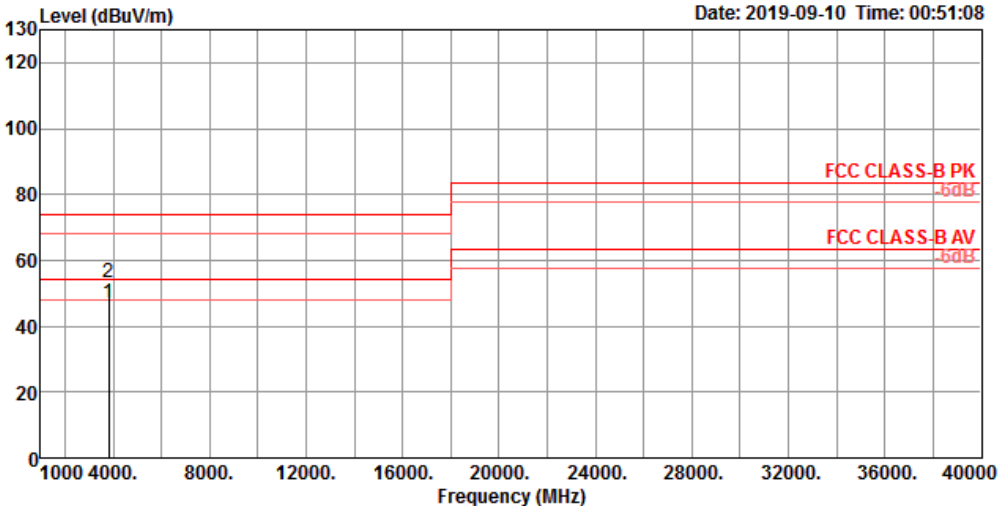
08/11/2019



EUT Y_2TX
Setting 73
03-A-3
FSP(100019)

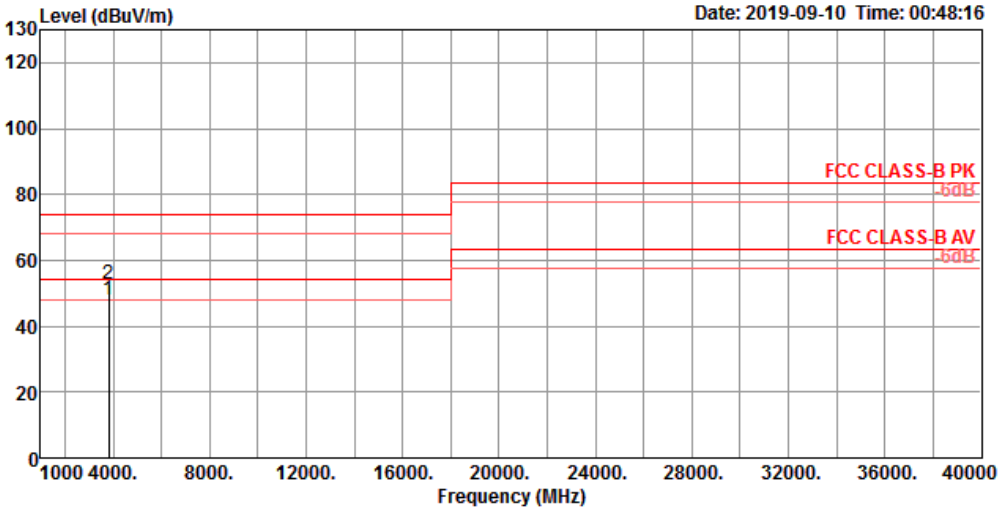
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	4.8908G	44.86	74.00	-29.14	4.83	3	Horizontal	122	1.78	-	40.03
AV	4.8953G	30.98	54.00	-23.02	4.84	3	Horizontal	122	1.78	-	26.14

RSE Co-location Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3813.12	47.13	54.00	-6.87	44.22	5.21	32.67	34.97	104	236	Average	HORIZONTAL
2	3813.61	53.30	74.00	-20.70	50.39	5.21	32.67	34.97	104	236	Peak	HORIZONTAL

RSE Co-location Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3813.34	47.85	54.00	-6.15	44.94	5.21	32.67	34.97	100	222	Average	VERTICAL
2	3813.50	52.87	74.00	-21.13	49.96	5.21	32.67	34.97	100	222	Peak	VERTICAL