Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	VW3FAST3896
Equipment	:	CABLE GATEWAY
Brand Name	:	SAGEMCOM
Model Name	:	F@ST3896UM
Applicant	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Manufacturer	:	SAGEMCOM BROADBAND SAS 250 Route de l'Empereur - 92848 RUEIL MALMAISON CEDEX- FRANCE
Standard	:	47 CFR FCC Part 15.247

The product was received on Dec. 19, 2019, and testing was started from Dec. 24, 2019 and completed on Jan. 15, 2020. 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: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

Table of Contents

History of this test report **4**

Summary of Test Result **5**

1 General Description **6**

1.1 Information 6
1.2 Applicable Standards 9
1.3 Testing Location Information 9
1.4 Measurement Uncertainty 9

2 Test Configuration of EUT **10**

2.1 Test Channel Mode 10
2.2 The Worst Case Measurement Configuration 12
2.3 EUT Operation during Test 14
2.4 Accessories 14
2.5 Support Equipment 15
2.6 Test Setup Diagram 17

3 Transmitter Test Result **21**

3.1 AC Power-line Conducted Emissions 21
3.2 DTS Bandwidth 23
3.3 Maximum Conducted Output Power 24
3.4 Power Spectral Density 27
3.5 Emissions in Non-restricted Frequency Bands 29
3.6 Emissions in Restricted Frequency Bands 30

4 Test Equipment and Calibration Data **34**

Appendix A. Test Results of AC Power-line Conducted Emissions

Appendix B. Test Results of DTS Bandwidth

Appendix C. Test Results of Maximum Conducted Output Power

Appendix D. Test Results of Power Spectral Density

Appendix E. Test Results of Emissions in Non-restricted Frequency Bands

Appendix F. Test Results of Emissions in Restricted Frequency Bands

Appendix G. Test Results of Radiated Emission Co-location

Appendix H. Test Photos

Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR9N2622AA	01	Initial issue of report	Jan. 23, 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:
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: Sandy Chuang

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	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11n HT20	20	4TX
2.4-2.4835GHz	802.11n HT20-BF	20	4TX
2.4-2.4835GHz	VHT20	20	4TX
2.4-2.4835GHz	VHT20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11n HT40	40	4TX
2.4-2.4835GHz	802.11n HT40-BF	40	4TX
2.4-2.4835GHz	VHT40	40	4TX
2.4-2.4835GHz	VHT40-BF	40	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	4TX

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

1.1.2 Antenna Information

<Antenna gain>

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						2.4GHz	5GHz
1	1	WANSHIH	UC6WFI0107A	Dipole Antenna	I-PEX	3.32	4.98
2	2	WANSHIH	UC6WFI0108A	Dipole Antenna	I-PEX		
3	3	WANSHIH	UC6WFI0109A	Dipole Antenna	I-PEX		
4	4	WANSHIH	UC6WFI0110A	Dipole Antenna	I-PEX		

<Correlated gain>

Correlated TX / Streams	Gain (dBi)		
	2.4GHz	5GHz Band 1	5GHz Band 4
4T1S (Ant. 1/2/3/4)	6.21	7.36	7.39

Note: The above information was declared by manufacturer.

For 2.4GHz function:

For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):

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

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

For 5GHz function:

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

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

Port 1, Port 2, Pot 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	0.949	0.23	12.425m	100
802.11g	0.953	0.21	2.068m	1k
802.11ax HEW20	0.982	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.977	0.1	2.926m	1k
802.11ax HEW40	0.972	0.12	946.25u	3k
802.11ax HEW40-BF	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)

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
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	MTool 3.1.0.1			

Note: The above information was declared by manufacturer.

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	TH02-CB	Brian Sun	18-19.3°C / 67-70%	Jan. 02, 2020~ Jan. 15, 2020
Radiated (Below 1GHz)	03CH03-CB	Cola Fan	21.2-22.4°C / 52-55%	Dec. 26, 2019
Radiated (Above 1GHz)	03CH04-CB	Zero Chen	17.9-18.7°C / 66-70%	Dec. 24, 2019~ Dec. 25, 2019
AC Conduction	CO01-CB	Deven Huang	22-23°C / 58-60%	Dec. 26, 2019

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
802.11b_Nss1,(1Mbps)_4TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_4TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
VHT20_Nss1,(MCS0)_4TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
VHT40_Nss1,(MCS0)_4TX
2422MHz
2427MHz
2437MHz
2452MHz
802.11ax HEW20_Nss1,(MCS0)_4TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40_Nss1,(MCS0)_4TX
2422MHz
2427MHz
2437MHz
2452MHz
VHT20-BF_Nss1,(MCS0)_4TX

Mode
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
VHT40-BF_Nss1,(MCS0)_4TX
2422MHz
2437MHz
2452MHz
802.11ax HEW20-BF_Nss1,(MCS0)_4TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40-BF_Nss1,(MCS0)_4TX
2422MHz
2437MHz
2452MHz

Note:
- There are two modes of EUT, one is beamforming mode, and the other is Non-beamforming mode for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. Beamforming mode and Non-beamforming mode has been test and record 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	EUT with Adapter 1
2	EUT with 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

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	EUT with Adapter 1
2	EUT with Adapter 2
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX

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
Adapter 1 has been evaluated to be the worst case at Emissions in Emissions in Restricted Frequency Bands <Below 1GHz>; thus, the measurement will follow this same test configuration.	
1	WLAN 2.4GHz+WLAN 5GHz + Adapter 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
Refer to Sporton Test Report No.: FA9N2622 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used in 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 XP 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 DOS.
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

Power	Brand	Model	Rating
Adapter 1	NetBit MOSO	NBS42E120350VU	Input: 100-120V~50/60Hz 1.0A Output: 12V, 3.5A
Adapter 2	NetBit MOSO	MSG-V3500AR120-042A0-US	Input: 100-120V~50/60Hz 1.2A Max. Output: 12.0V, 3.5A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	JetFlash-700	N/A
B	LAN NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A
E	Phone1	SAMPO	HT-B 907WL	N/A
F	Phone2	SAMPO	HT-B 907WL	N/A
G	Terminal system	CASA	C2200	N/A
H	Switch	Hewlett-Packard	JE074B	N/A
I	MOCA	Netgear	C7100V	N/A
J	2.5G PC	DELL	T3400	N/A
K	Terminal system NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	2.5G PC	DELL	T3400	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A
D	Notebook	DELL	E4300	N/A
E	Terminal system	CASA	C2200	N/A
F	Phone	SAMPO	HT-B 907WL	N/A
G	Phone	SAMPO	HT-B 907WL	N/A
H	Flash disk3.0	Silicon Power	B06	N/A
I	Notebook	DELL	E4300	N/A
J	MOCA	Netgear	C7100V	N/A
K	Switch	Hewlett-Packard	JE074B	N/A

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

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

<beamforming mode>

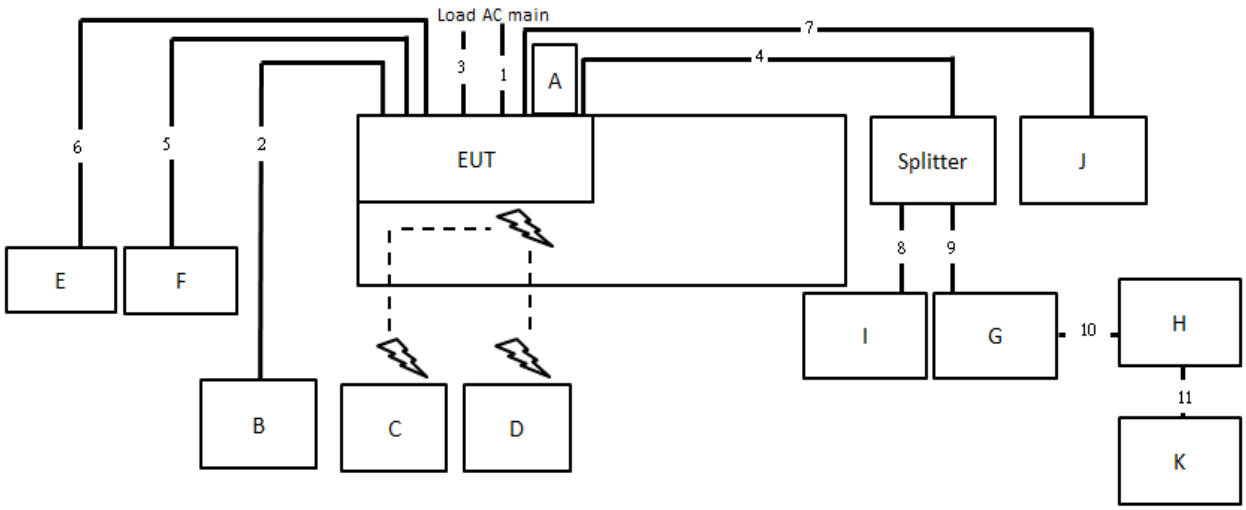
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	RX Device	ASUS	RT-AX88U	MSQ-RTAXHP00
C	Notebook	DELL	E4300	N/A

For RF Conducted:

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

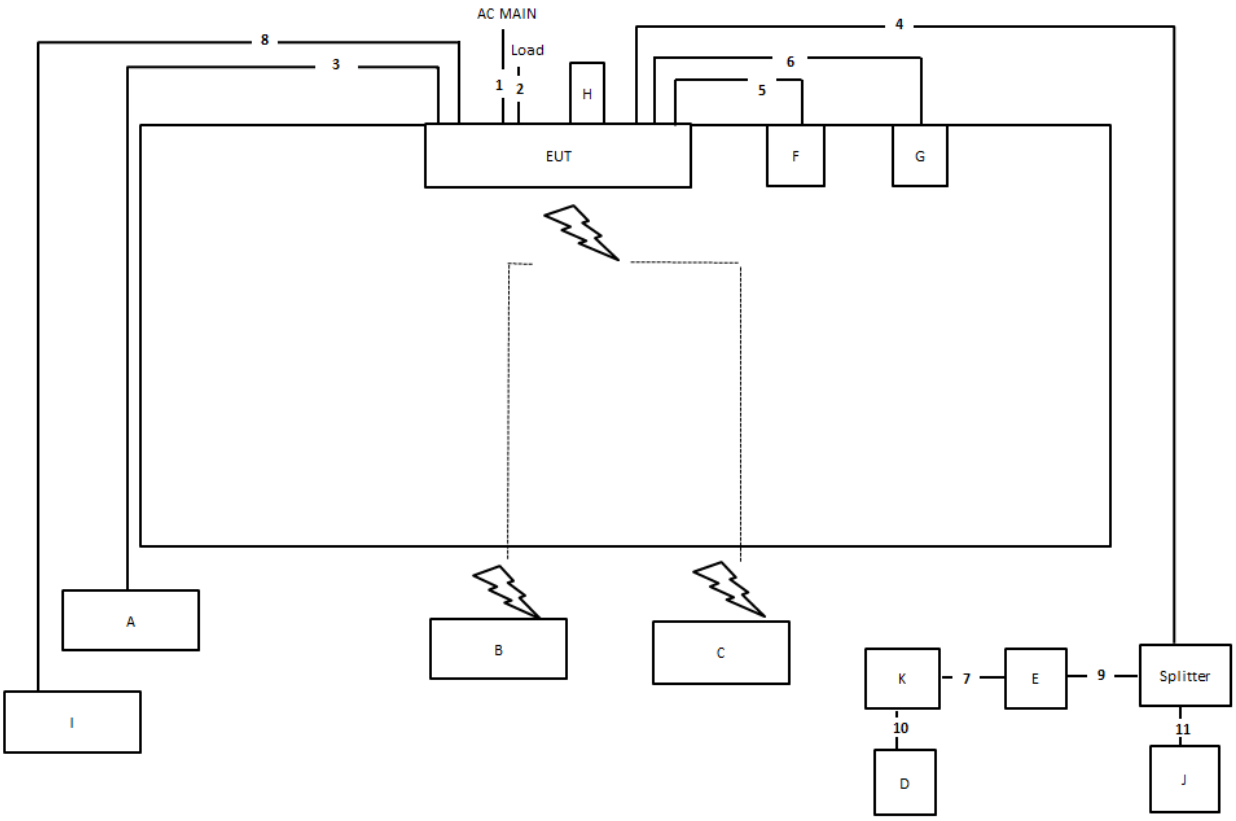
2.6 Test Setup Diagram

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*2	No	1.5m
4	Coaxial cable	Yes	10m
5	RJ-11 cable	No	10m
6	RJ-11 cable	No	10m
7	RJ-45 cable	No	10m
8	Coaxial cable	Yes	1.8m
9	Coaxial cable	Yes	1.8m
10	RJ-45 cable	No	1.5m
11	RJ-45 cable	No	1.5m

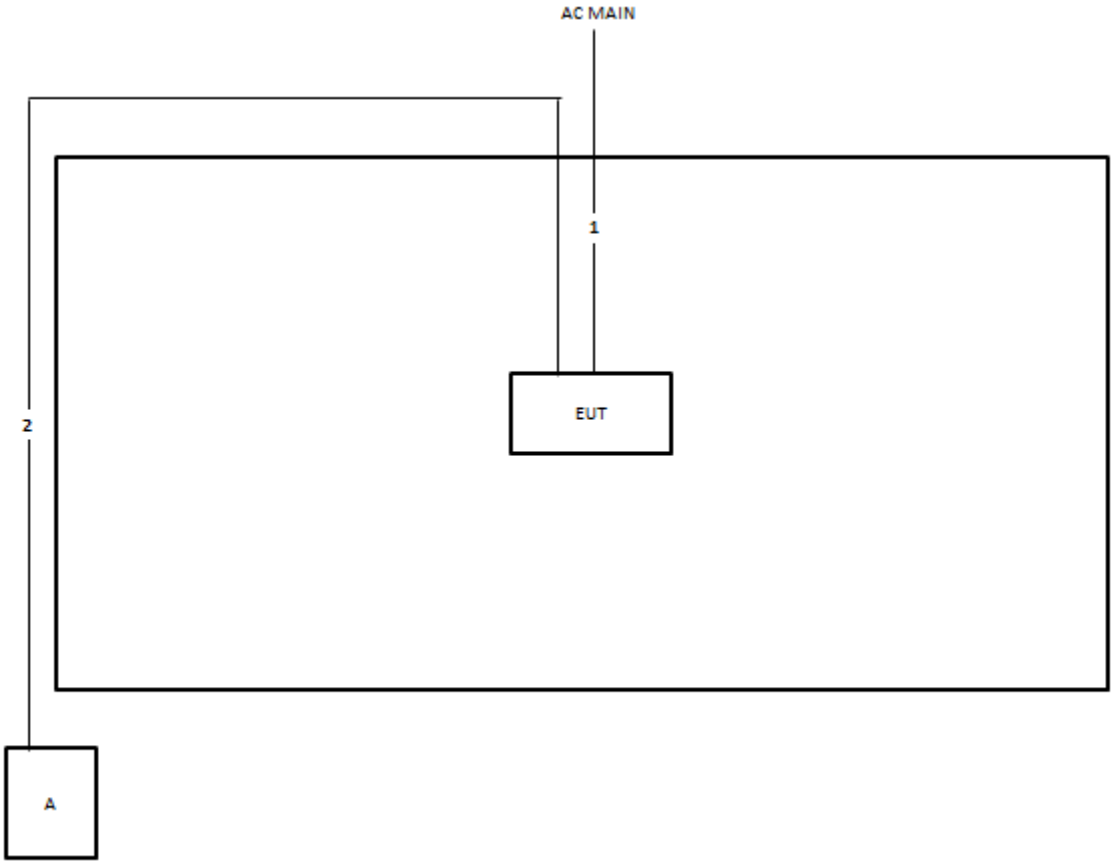
Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz

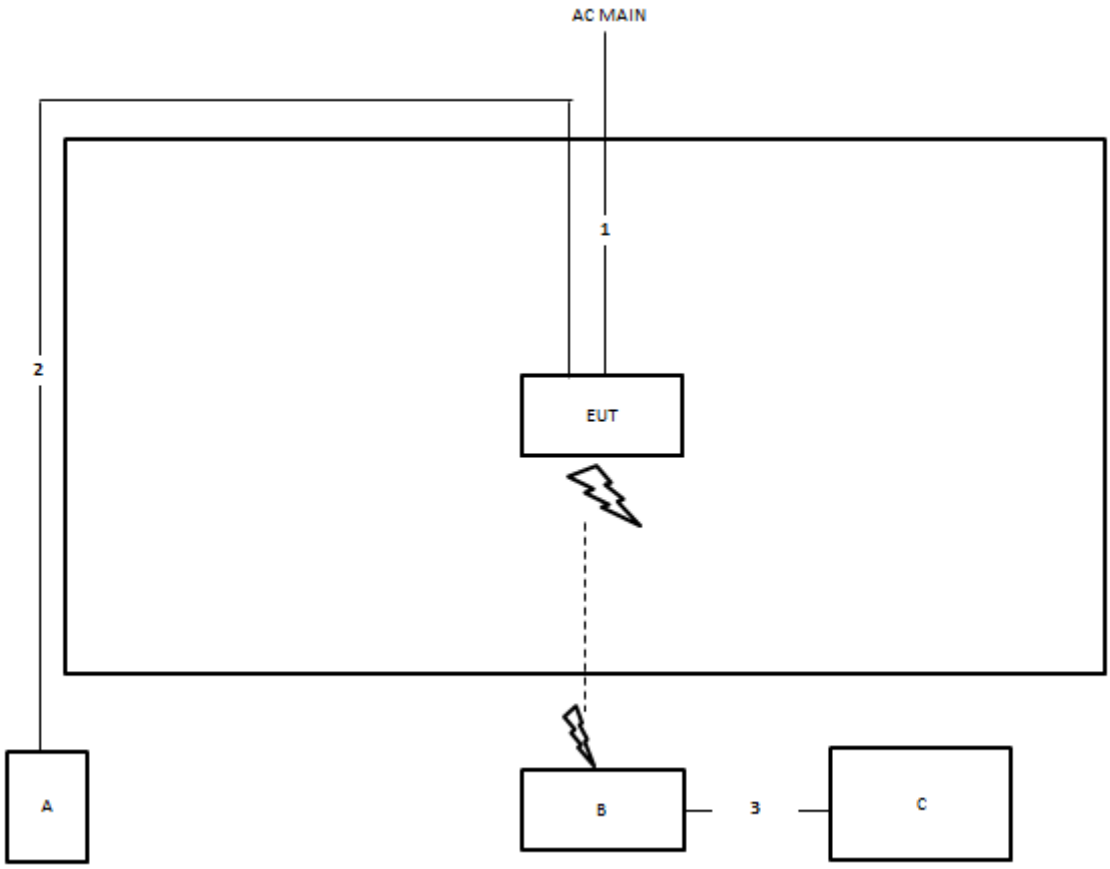
<non-beamforming mode>



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

Test Setup Diagram - Radiated Test > 1GHz

<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

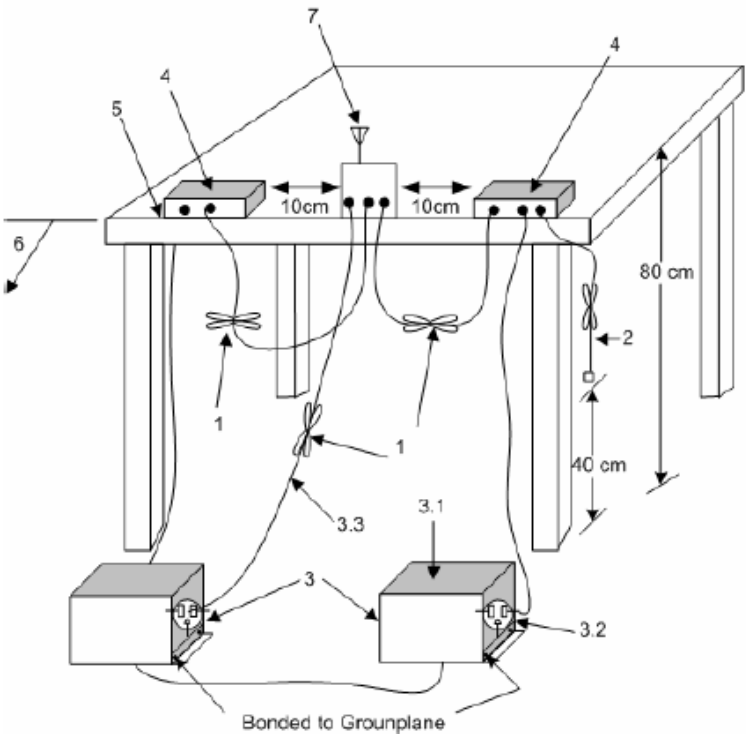
Refer a test equipment and calibration data table in this test report.

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.

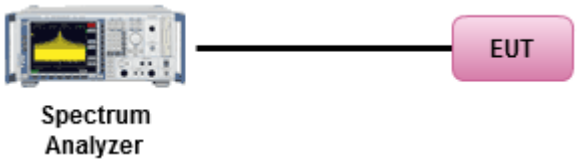
3.2.2 Measuring Instruments

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.

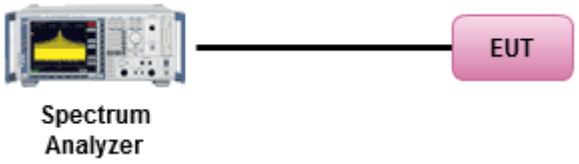
3.4.3 Test Procedures

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.	

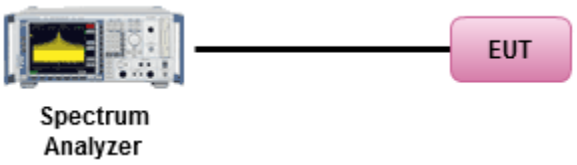
3.5.2 Measuring Instruments

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.

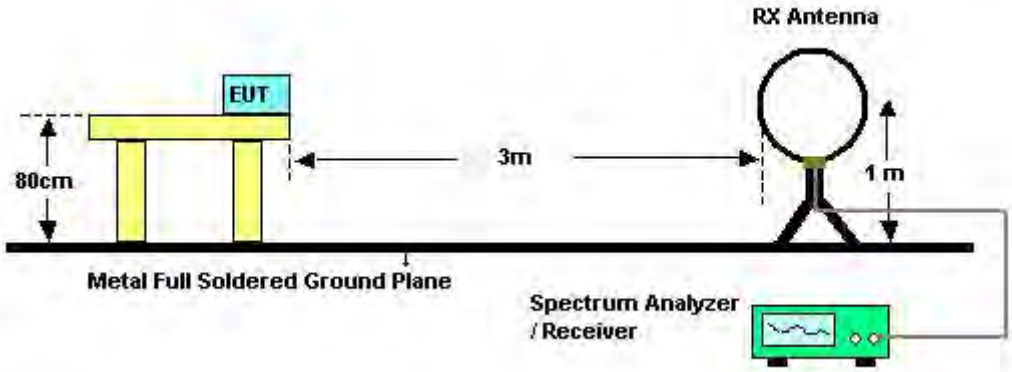
3.6.3 Test Procedures

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.	

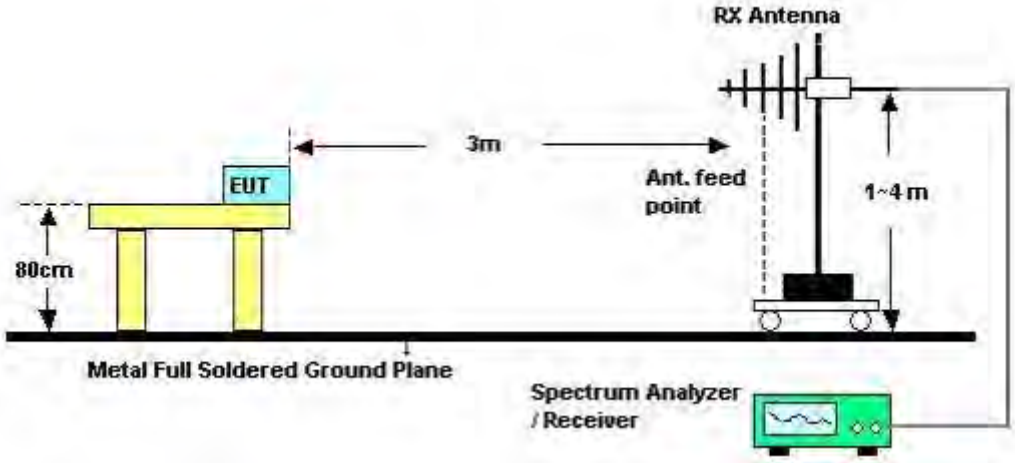
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

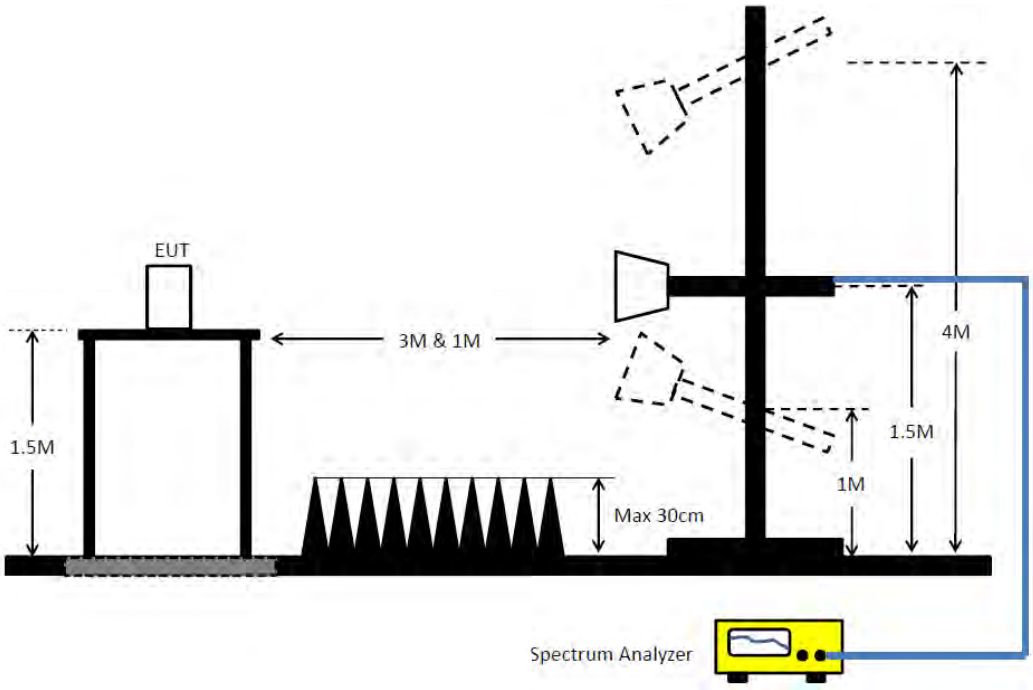
9kHz ~30MHz



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

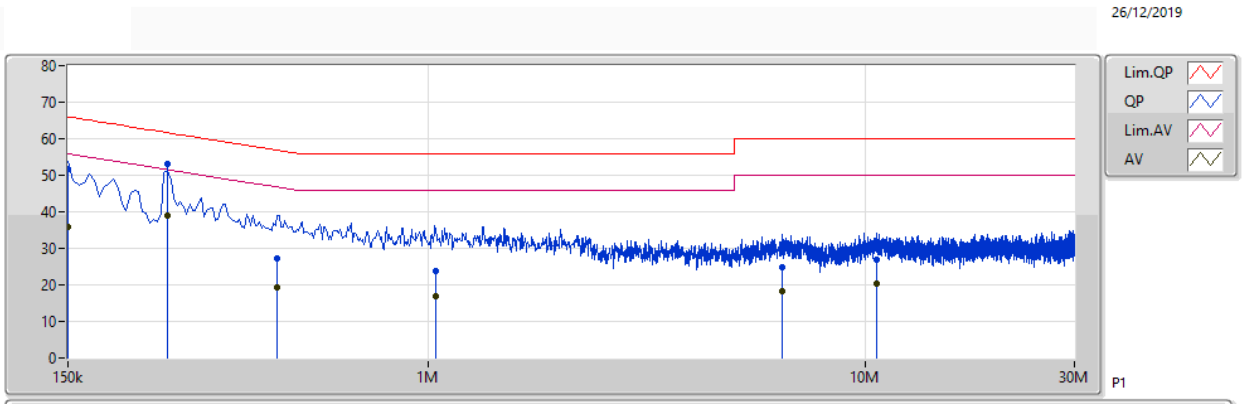
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 28, 2019	Jan. 29, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Oct. 30, 2019	Oct. 29, 2020	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Bilog Antenna with 6 dB attenuator	Schaffner	CBL6112B & N-6-06	2928 & AT-N0607	20MHz ~ 2GHz	Jan. 02, 2019	Jan. 01, 2020	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2019	Jan. 23, 2020	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 16, 2019	Jan. 15, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+27	25MHz ~ 1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)

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

NCR means Non-Calibration required.

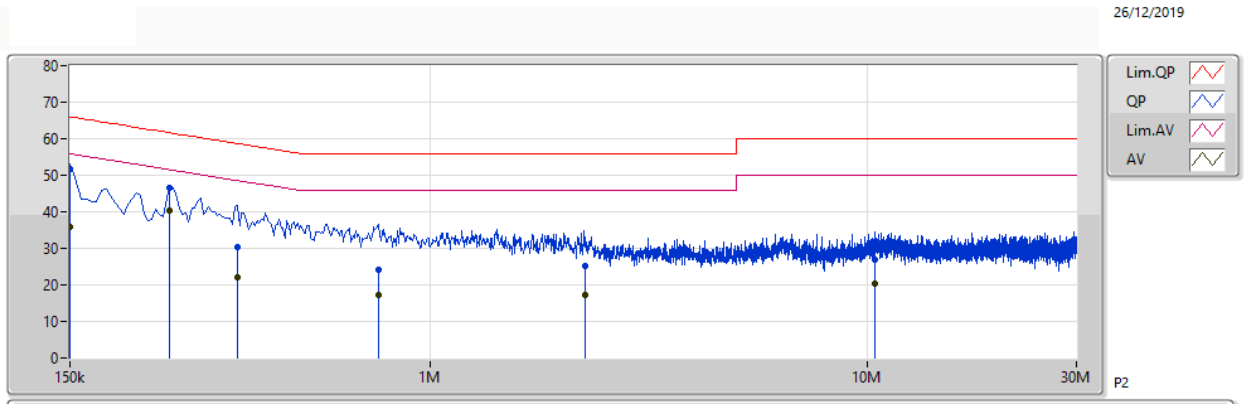
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	51.57	66.00	-14.43	9.90	Line	-	41.67	0.05	0.06	9.79
AV	150k	35.73	56.00	-20.27	9.90	Line	-	25.83	0.05	0.06	9.79
QP	253.5k	53.20	61.64	-8.44	9.92	Line	"Worst"	43.28	0.06	0.06	9.80
AV	253.5k	38.98	51.64	-12.66	9.92	Line	-	29.06	0.06	0.06	9.80
QP	451.5k	27.39	56.84	-29.45	9.93	Line	-	17.46	0.06	0.06	9.81
AV	451.5k	19.44	46.84	-27.40	9.93	Line	-	9.51	0.06	0.06	9.81
QP	1.037M	23.84	56.00	-32.16	9.98	Line	-	13.86	0.07	0.09	9.82
AV	1.037M	16.89	46.00	-29.11	9.98	Line	-	6.91	0.07	0.09	9.82
QP	6.432M	24.72	60.00	-35.28	10.24	Line	-	14.48	0.17	0.20	9.87
AV	6.432M	18.28	50.00	-31.72	10.24	Line	-	8.04	0.17	0.20	9.87
QP	10.617M	26.94	60.00	-33.06	10.37	Line	-	16.57	0.22	0.23	9.92
AV	10.617M	20.35	50.00	-29.65	10.37	Line	-	9.98	0.22	0.23	9.92

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	51.62	66.00	-14.38	9.89	Neutral	-	41.73	0.04	0.06	9.79
AV	150k	35.96	56.00	-20.04	9.89	Neutral	-	26.07	0.04	0.06	9.79
QP	253.5k	46.71	61.64	-14.93	9.90	Neutral	-	36.81	0.04	0.06	9.80
AV	253.5k	40.47	51.64	-11.17	9.90	Neutral	"Worst"	30.57	0.04	0.06	9.80
QP	361.5k	30.22	58.70	-28.48	9.91	Neutral	-	20.31	0.04	0.06	9.81
AV	361.5k	22.11	48.70	-26.59	9.91	Neutral	-	12.20	0.04	0.06	9.81
QP	762k	23.97	56.00	-32.03	9.95	Neutral	-	14.02	0.05	0.08	9.82
AV	762k	17.21	46.00	-28.79	9.95	Neutral	-	7.26	0.05	0.08	9.82
QP	2.252M	25.17	56.00	-30.83	10.04	Neutral	-	15.13	0.08	0.13	9.83
AV	2.252M	17.35	46.00	-28.65	10.04	Neutral	-	7.31	0.08	0.13	9.83
QP	10.356M	26.81	60.00	-33.19	10.34	Neutral	-	16.47	0.19	0.23	9.92
AV	10.356M	20.28	50.00	-29.72	10.34	Neutral	-	9.94	0.19	0.23	9.92

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)_4TX	7.075M	10.595M	10M6G1D	7.025M	10.27M
802.11g_Nss1,(6Mbps)_4TX	16.35M	16.817M	16M8D1D	16.325M	16.667M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.975M	19.215M	19M2D1D	17.55M	17.741M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.6M	37.631M	37M6D1D	37.1M	37.481M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19M	19.165M	19M2D1D	18.925M	19.015M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.6M	37.631M	37M6D1D	36.8M	37.531M

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

Result

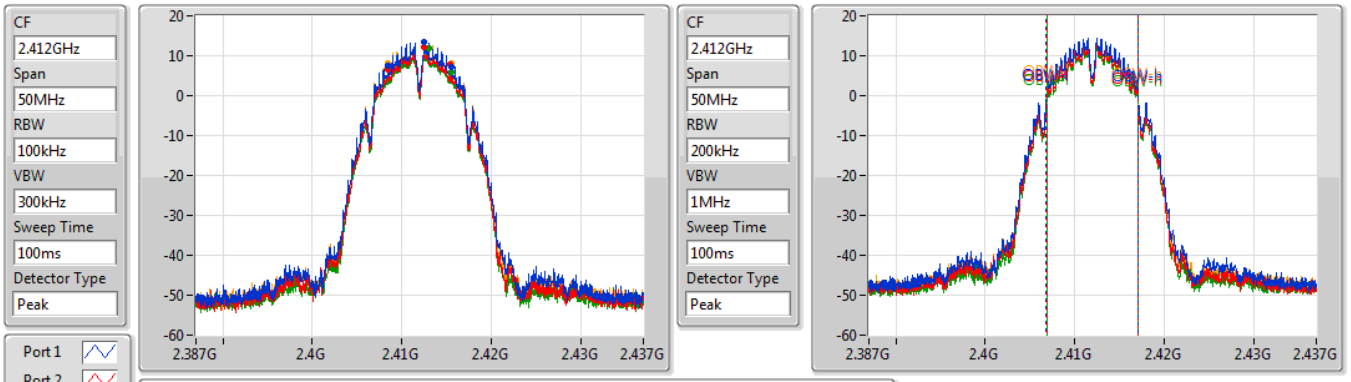
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	10.32M	7.025M	10.27M	7.075M	10.27M	7.05M	10.27M
2437MHz	Pass	500k	7.025M	10.595M	7.025M	10.32M	7.05M	10.345M	7.025M	10.395M
2462MHz	Pass	500k	7.05M	10.345M	7.025M	10.27M	7.05M	10.27M	7.05M	10.295M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.667M	16.35M	16.717M	16.325M	16.792M	16.325M	16.717M
2437MHz	Pass	500k	16.35M	16.792M	16.325M	16.817M	16.325M	16.792M	16.325M	16.792M
2462MHz	Pass	500k	16.35M	16.692M	16.35M	16.767M	16.325M	16.767M	16.35M	16.742M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.6M	17.741M	17.575M	17.766M	17.575M	17.741M	17.55M	17.866M
2437MHz	Pass	500k	18.975M	19.215M	18.875M	19.115M	18.9M	19.09M	18.95M	19.065M
2462MHz	Pass	500k	18.925M	19.115M	18.8M	19.065M	18.95M	19.04M	18.975M	19.015M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.5M	37.481M	37.5M	37.631M	37.1M	37.581M	37.2M	37.481M
2437MHz	Pass	500k	37.35M	37.631M	37.5M	37.581M	37.4M	37.531M	37.6M	37.481M
2452MHz	Pass	500k	37.3M	37.581M	37.5M	37.581M	37.1M	37.581M	37.55M	37.531M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.975M	19.065M	18.925M	19.065M	18.95M	19.065M	18.975M	19.015M
2437MHz	Pass	500k	18.925M	19.165M	18.925M	19.115M	18.95M	19.09M	18.95M	19.04M
2462MHz	Pass	500k	18.925M	19.09M	18.975M	19.065M	19M	19.04M	18.95M	19.015M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.3M	37.581M	37.35M	37.631M	36.8M	37.531M	37.5M	37.581M
2437MHz	Pass	500k	37.1M	37.581M	37.5M	37.581M	37.1M	37.581M	37.6M	37.581M
2452MHz	Pass	500k	37.35M	37.631M	37.45M	37.581M	36.85M	37.531M	37.35M	37.531M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

02/01/2020

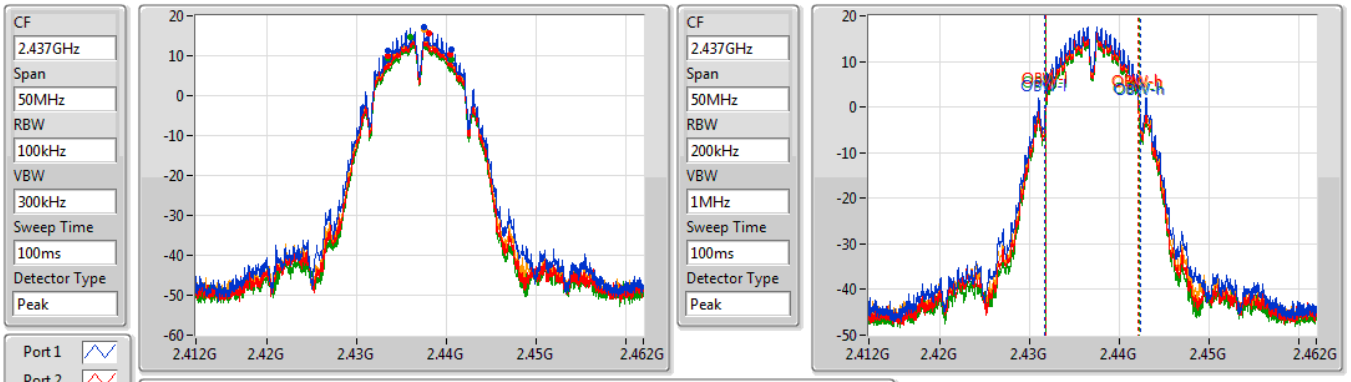


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.40845G	2.415525G	10.32M	2.406828G	2.417147G	500k	1
7.025M	2.40845G	2.415475G	10.27M	2.406853G	2.417122G	500k	2
7.075M	2.40845G	2.415525G	10.27M	2.406853G	2.417122G	500k	3
7.05M	2.40845G	2.4155G	10.27M	2.406853G	2.417122G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

02/01/2020

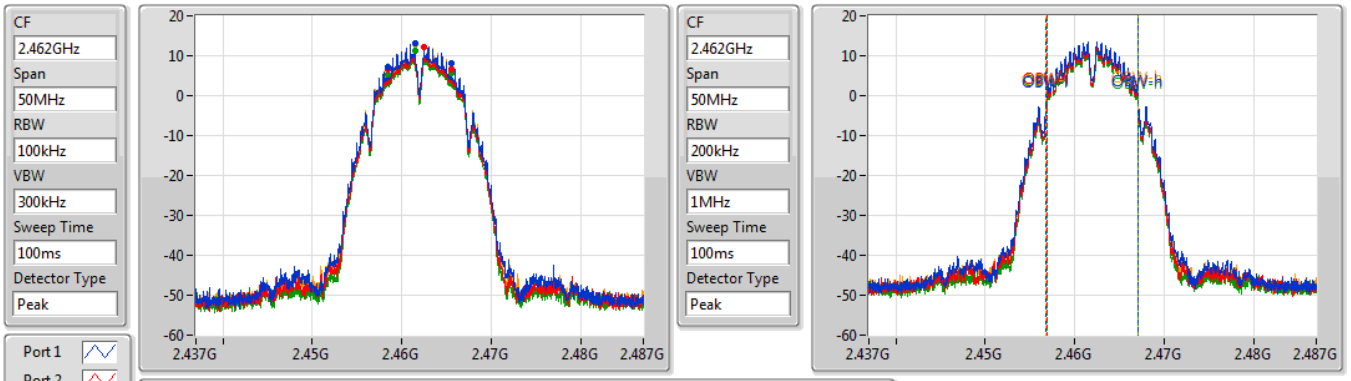


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.433475G	2.4405G	10.595M	2.431703G	2.442297G	500k	1
7.025M	2.43345G	2.440475G	10.32M	2.431828G	2.442147G	500k	2
7.05M	2.43345G	2.4405G	10.345M	2.431828G	2.442172G	500k	3
7.025M	2.433475G	2.4405G	10.395M	2.431803G	2.442197G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

02/01/2020

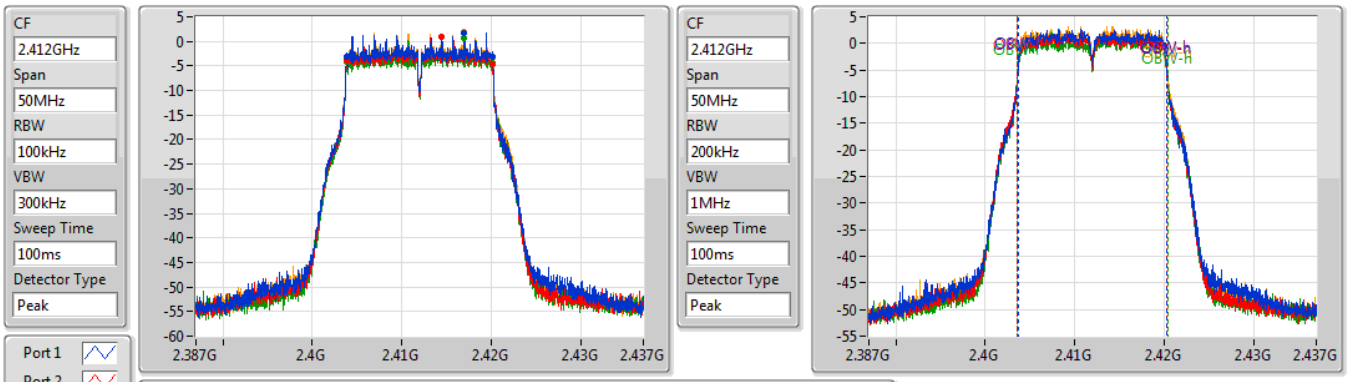


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.45845G	2.4655G	10.345M	2.456803G	2.467147G	500k	1
7.025M	2.458475G	2.4655G	10.27M	2.456853G	2.467122G	500k	2
7.05M	2.45845G	2.4655G	10.27M	2.456853G	2.467122G	500k	3
7.05M	2.45845G	2.4655G	10.295M	2.456828G	2.467122G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

02/01/2020

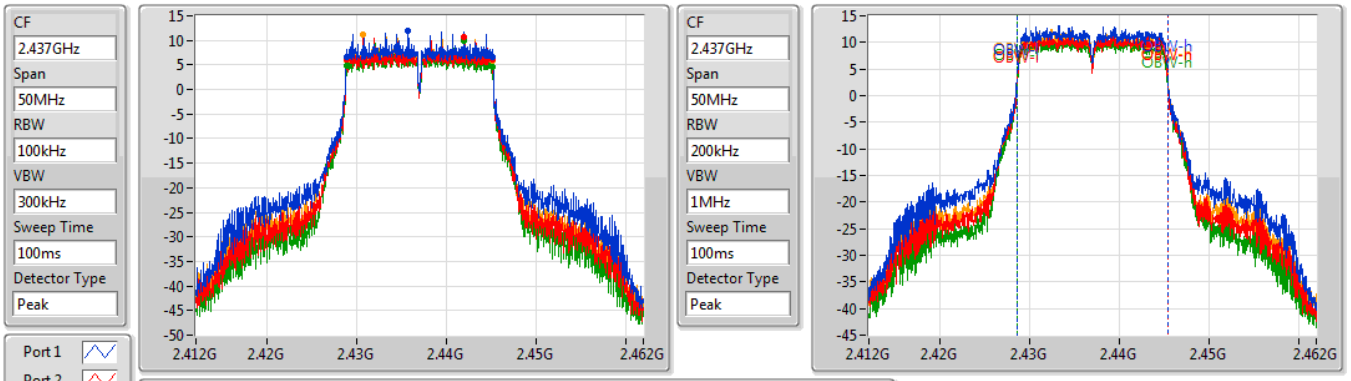


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.667M	2.403679G	2.420346G	500k	1
16.35M	2.403825G	2.420175G	16.717M	2.403629G	2.420346G	500k	2
16.325M	2.403825G	2.42015G	16.792M	2.403629G	2.420421G	500k	3
16.325M	2.403825G	2.42015G	16.717M	2.403679G	2.420396G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

02/01/2020

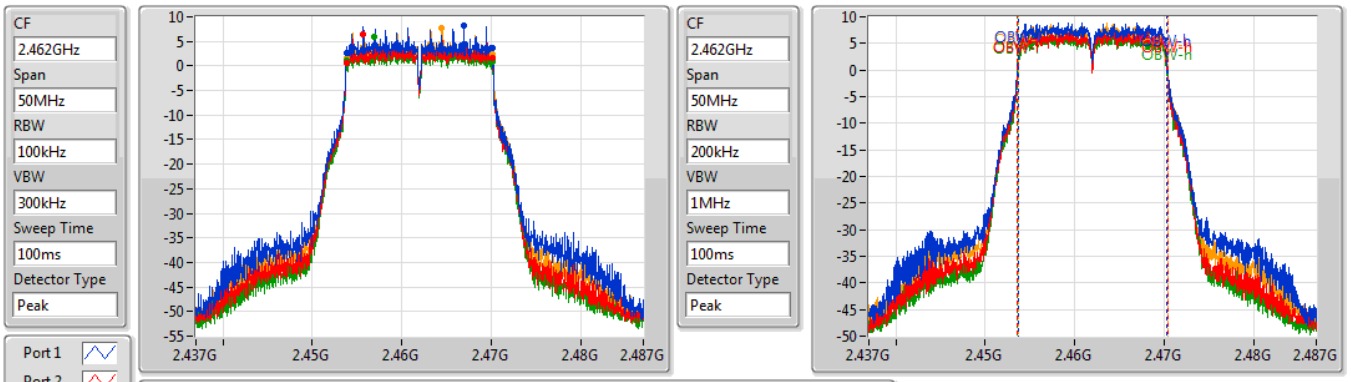


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4288G	2.44515G	16.792M	2.428604G	2.445396G	500k	1
16.325M	2.428825G	2.44515G	16.817M	2.428579G	2.445396G	500k	2
16.325M	2.428825G	2.44515G	16.792M	2.428629G	2.445421G	500k	3
16.325M	2.428825G	2.44515G	16.792M	2.428629G	2.445421G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

02/01/2020

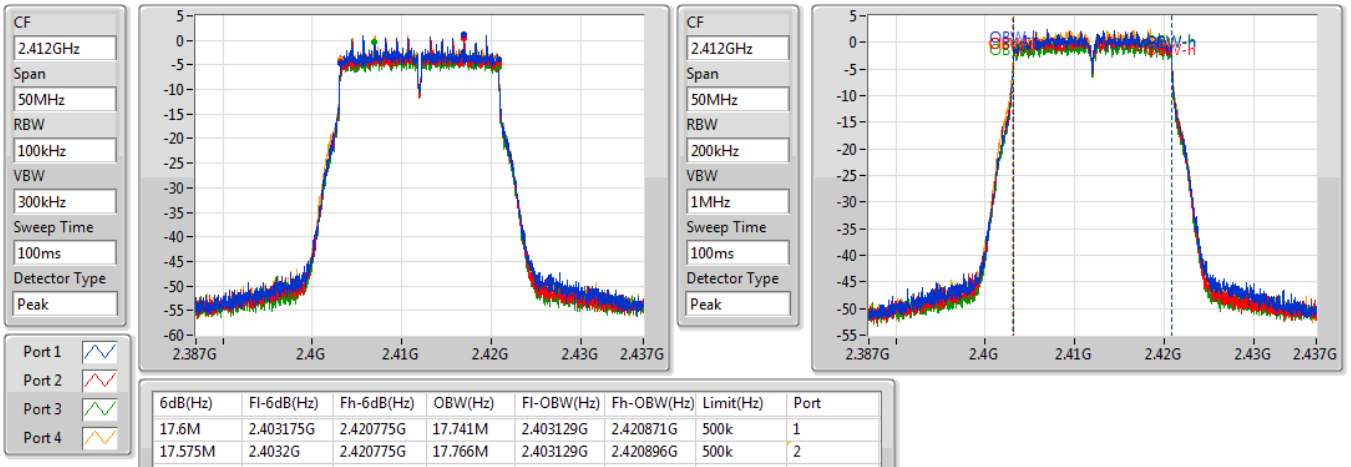


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4538G	2.47015G	16.692M	2.453654G	2.470346G	500k	1
16.35M	2.4538G	2.47015G	16.767M	2.453604G	2.470371G	500k	2
16.325M	2.453825G	2.47015G	16.767M	2.453629G	2.470396G	500k	3
16.35M	2.4538G	2.47015G	16.742M	2.453654G	2.470396G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

02/01/2020

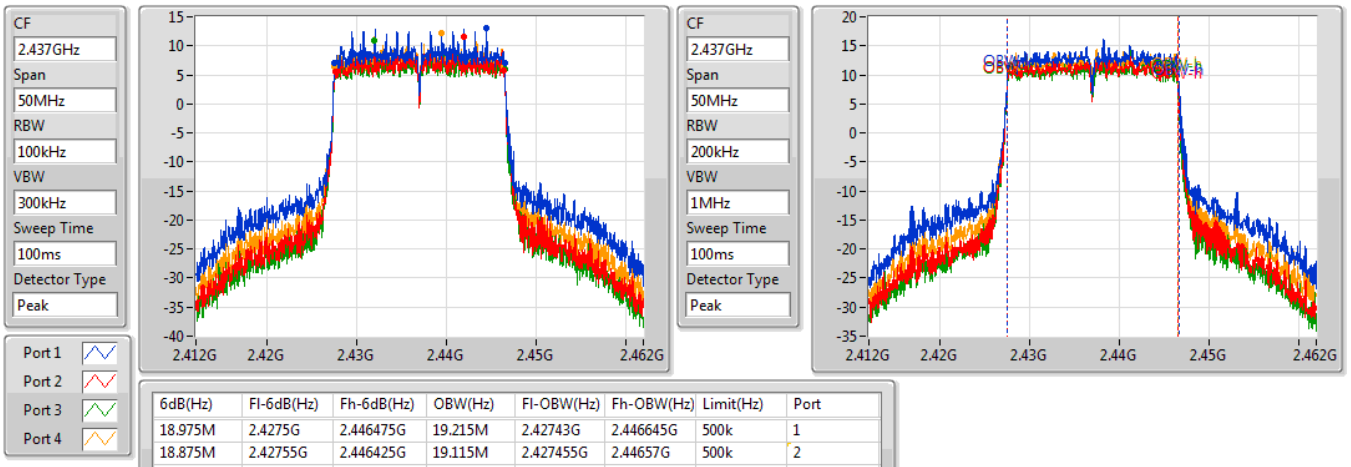


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	2.403175G	2.420775G	17.741M	2.403129G	2.420871G	500k	1
17.575M	2.4032G	2.420775G	17.766M	2.403129G	2.420896G	500k	2
17.575M	2.4032G	2.420775G	17.741M	2.403104G	2.420846G	500k	3
17.55M	2.4032G	2.42075G	17.866M	2.403029G	2.420896G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

02/01/2020

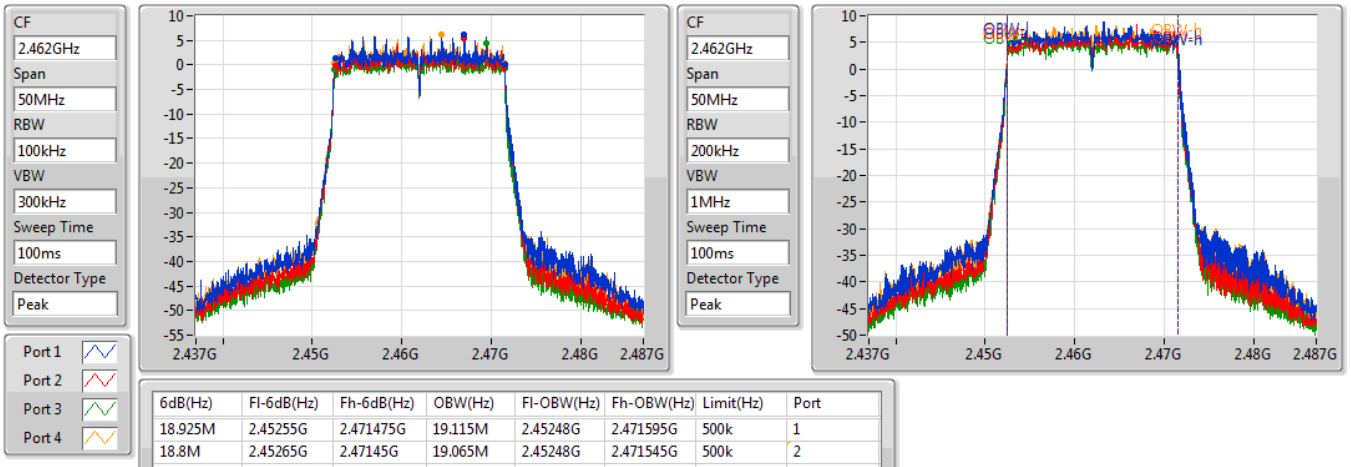


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4275G	2.446475G	19.215M	2.42743G	2.446645G	500k	1
18.875M	2.42755G	2.446425G	19.115M	2.427455G	2.44657G	500k	2
18.9M	2.427575G	2.446475G	19.09M	2.427455G	2.446545G	500k	3
18.95M	2.4275G	2.44645G	19.065M	2.427455G	2.44652G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

02/01/2020

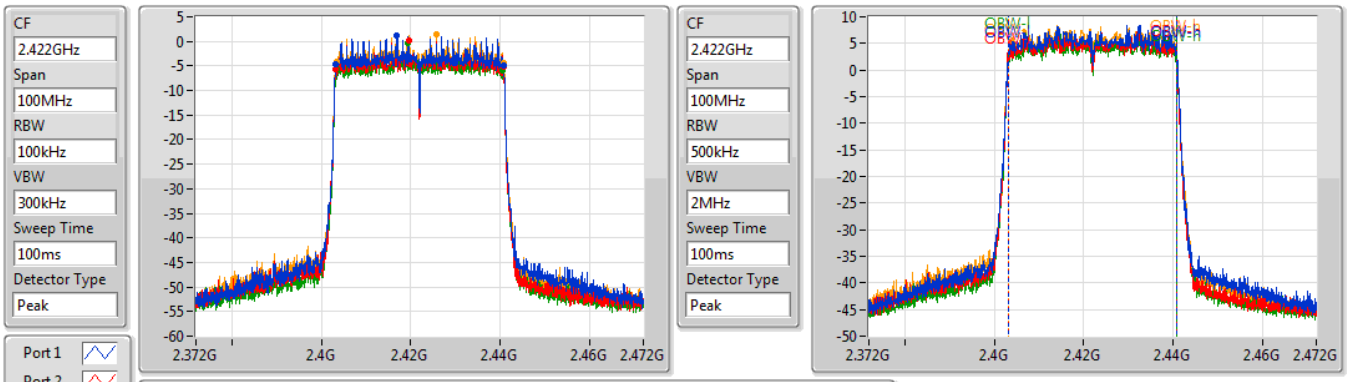


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.45255G	2.471475G	19.115M	2.45248G	2.471595G	500k	1
18.8M	2.45265G	2.47145G	19.065M	2.45248G	2.471545G	500k	2
18.95M	2.452525G	2.471475G	19.04M	2.45248G	2.47152G	500k	3
18.975M	2.4525G	2.471475G	19.015M	2.45248G	2.471495G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

02/01/2020

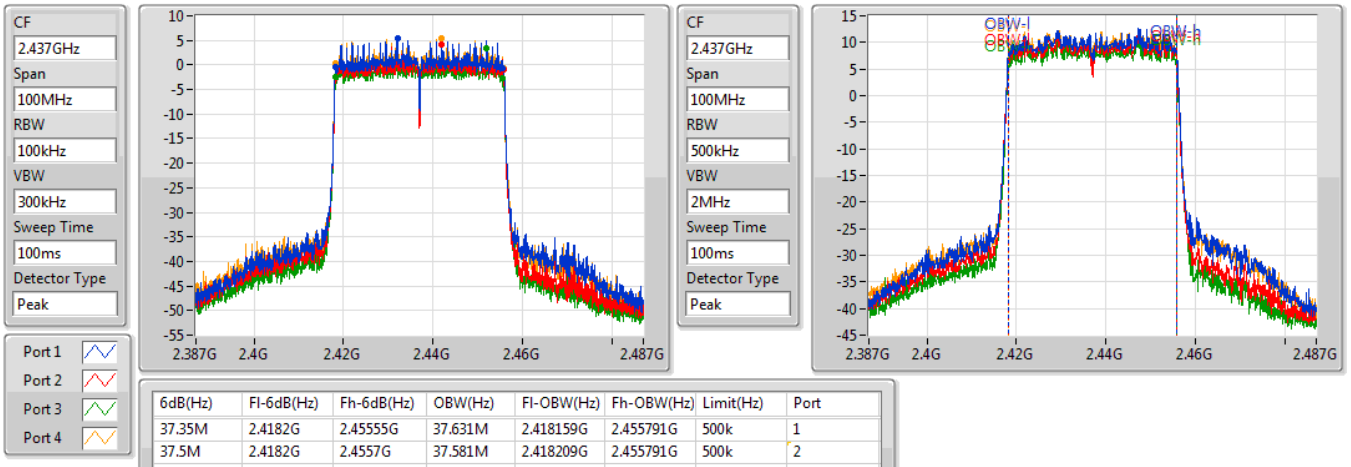


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.5M	2.4032G	2.4407G	37.481M	2.403259G	2.440741G	500k	1
37.5M	2.4032G	2.4407G	37.631M	2.403159G	2.440791G	500k	2
37.1M	2.4034G	2.4405G	37.581M	2.403209G	2.440791G	500k	3
37.2M	2.4035G	2.4407G	37.481M	2.403259G	2.440741G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

02/01/2020

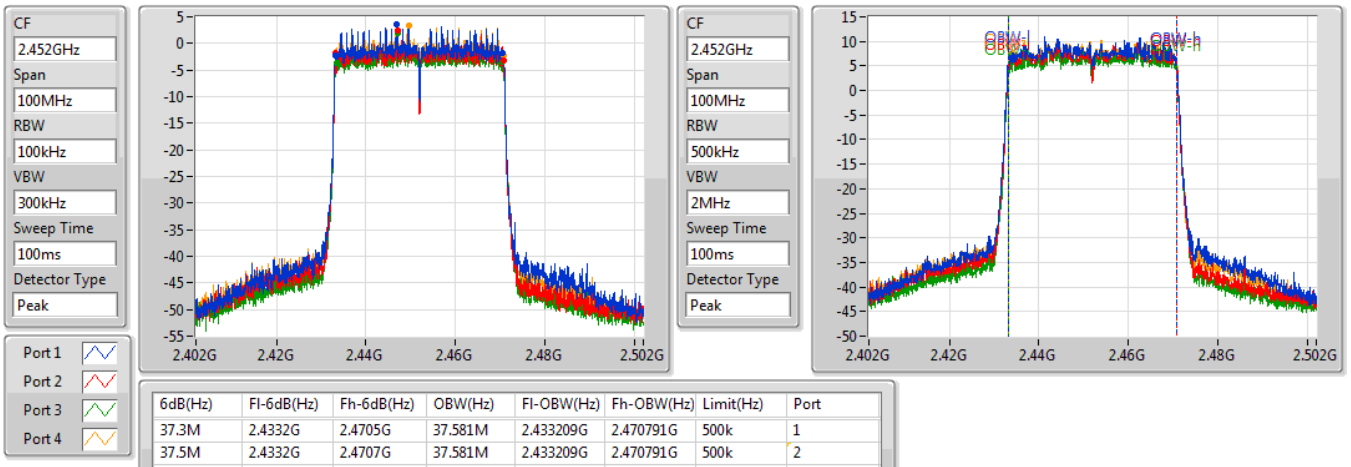


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.35M	2.4182G	2.45555G	37.631M	2.418159G	2.455791G	500k	1
37.5M	2.4182G	2.4557G	37.581M	2.418209G	2.455791G	500k	2
37.4M	2.41815G	2.45555G	37.531M	2.418209G	2.455741G	500k	3
37.6M	2.41815G	2.45575G	37.481M	2.418259G	2.455741G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

02/01/2020

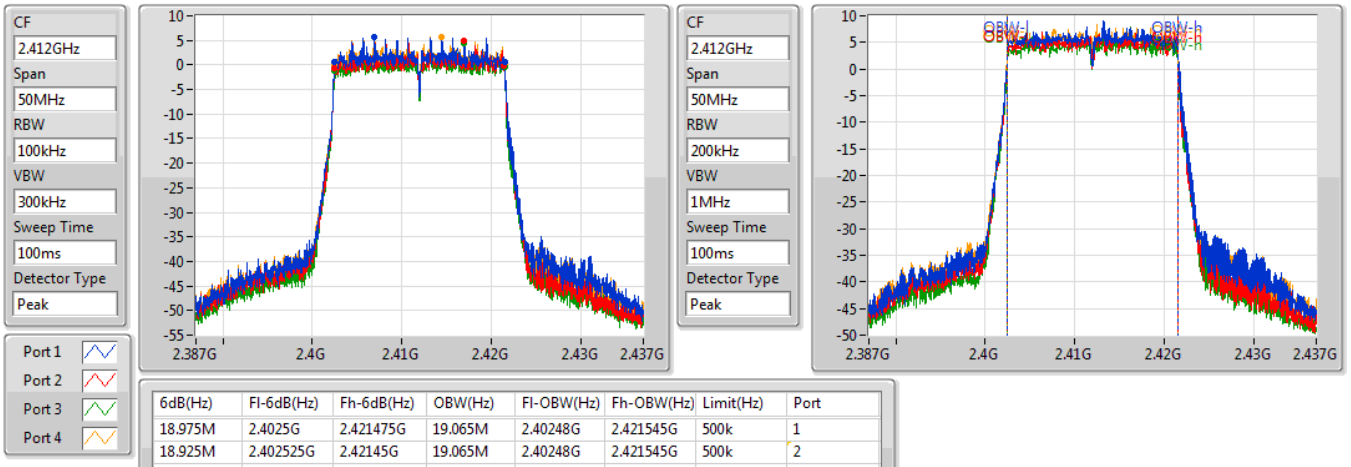


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.4332G	2.4705G	37.581M	2.433209G	2.470791G	500k	1
37.5M	2.4332G	2.4707G	37.581M	2.433209G	2.470791G	500k	2
37.1M	2.4334G	2.4705G	37.581M	2.433209G	2.470791G	500k	3
37.55M	2.43315G	2.4707G	37.531M	2.433259G	2.470791G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2412MHz

02/01/2020

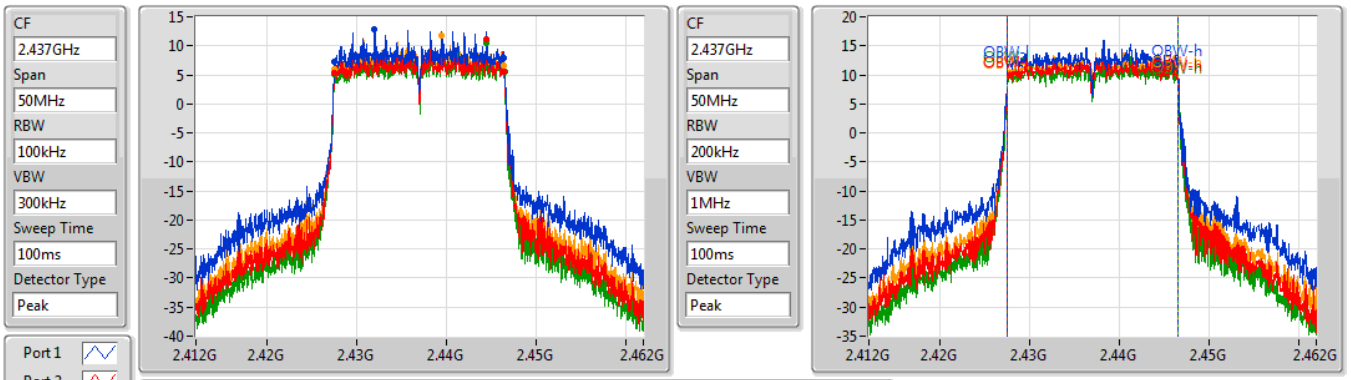


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	2.4025G	2.421475G	19.065M	2.40248G	2.421545G	500k	1
18.925M	2.402525G	2.42145G	19.065M	2.40248G	2.421545G	500k	2
18.95M	2.402525G	2.421475G	19.065M	2.40248G	2.421545G	500k	3
18.975M	2.4025G	2.421475G	19.015M	2.40248G	2.421495G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2437MHz

02/01/2020

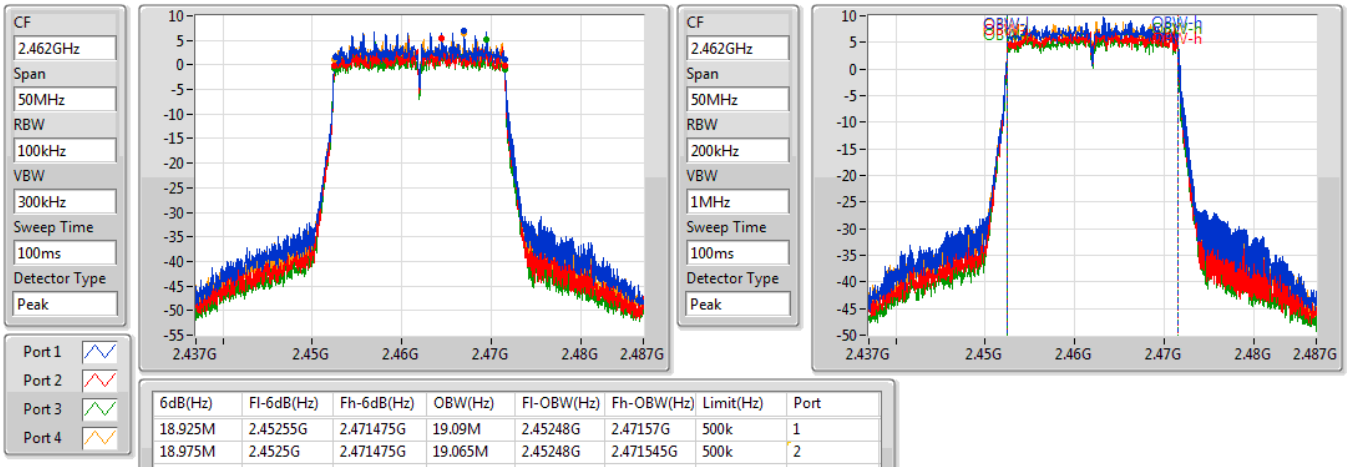


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.427525G	2.44645G	19.165M	2.42743G	2.446595G	500k	1
18.925M	2.427525G	2.44645G	19.115M	2.427455G	2.44657G	500k	2
18.95M	2.427525G	2.446475G	19.09M	2.42748G	2.44657G	500k	3
18.95M	2.4275G	2.44645G	19.04M	2.427455G	2.446495G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2462MHz

02/01/2020

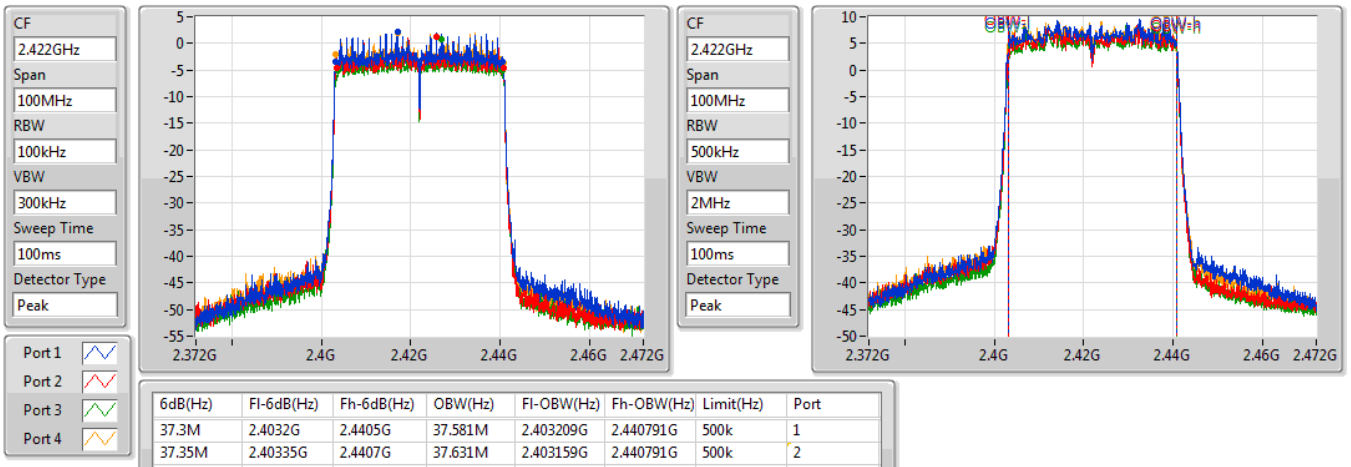


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.45255G	2.471475G	19.09M	2.45248G	2.47157G	500k	1
18.975M	2.4525G	2.471475G	19.065M	2.45248G	2.471545G	500k	2
19M	2.4525G	2.4715G	19.04M	2.45248G	2.47152G	500k	3
18.95M	2.4525G	2.47145G	19.015M	2.45248G	2.471495G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2422MHz

02/01/2020

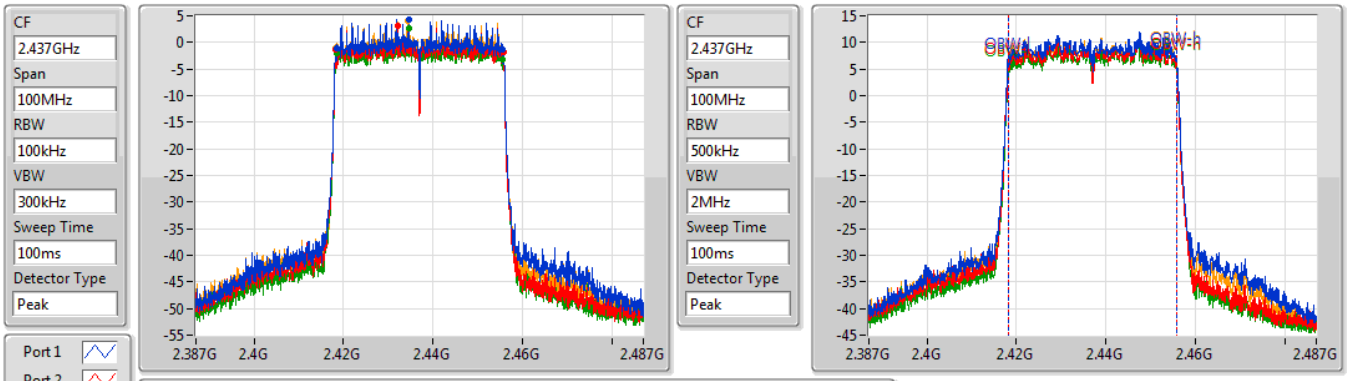


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.3M	2.4032G	2.4405G	37.581M	2.403209G	2.440791G	500k	1
37.35M	2.40335G	2.4407G	37.631M	2.403159G	2.440791G	500k	2
36.8M	2.4037G	2.4405G	37.531M	2.403259G	2.440791G	500k	3
37.5M	2.4032G	2.4407G	37.581M	2.403159G	2.440741G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2437MHz

02/01/2020

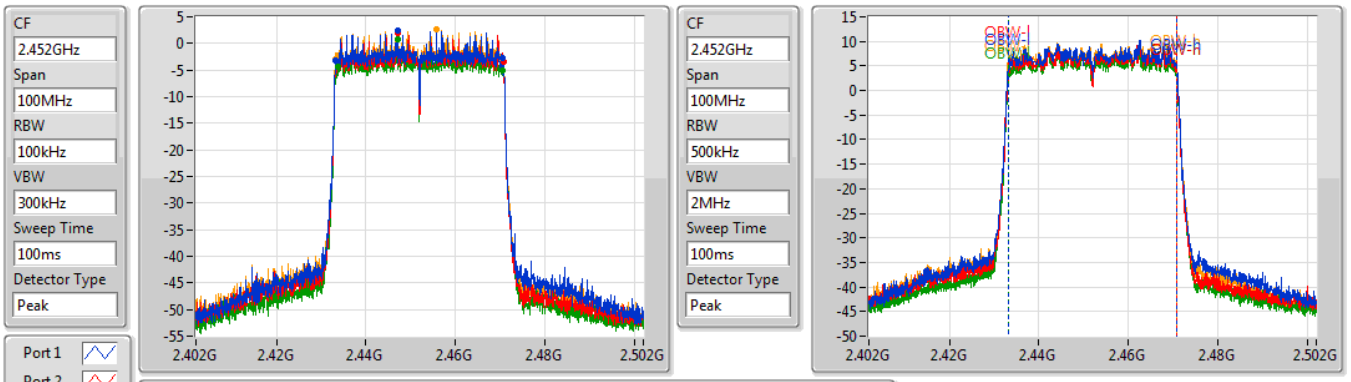


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.1M	2.4184G	2.4555G	37.581M	2.418209G	2.455791G	500k	1
37.5M	2.4182G	2.4557G	37.581M	2.418209G	2.455791G	500k	2
37.1M	2.4184G	2.4555G	37.581M	2.418209G	2.455791G	500k	3
37.6M	2.41815G	2.45575G	37.581M	2.418209G	2.455791G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2452MHz

02/01/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.35M	2.43315G	2.4705G	37.631M	2.433159G	2.470791G	500k	1
37.45M	2.43325G	2.4707G	37.581M	2.433209G	2.470791G	500k	2
36.85M	2.4337G	2.47055G	37.531M	2.433259G	2.470791G	500k	3
37.35M	2.43315G	2.4705G	37.531M	2.433209G	2.470741G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.98	0.99541
802.11g_Nss1,(6Mbps)_4TX	28.84	0.76560
VHT20_Nss1,(MCS0)_4TX	29.64	0.92045
VHT40_Nss1,(MCS0)_4TX	25.15	0.32734
802.11ax HEW20_Nss1,(MCS0)_4TX	29.84	0.96383
802.11ax HEW40_Nss1,(MCS0)_4TX	25.19	0.33037
VHT20-BF_Nss1,(MCS0)_4TX	29.59	0.90991
VHT40-BF_Nss1,(MCS0)_4TX	24.20	0.26303
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.64	0.92045
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.25	0.26607

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.32	21.4	20.46	20.17	21.48	26.94	30.00
2417MHz	Pass	3.32	24.83	23.43	23.19	23.85	29.89	30.00
2437MHz	Pass	3.32	24.88	23.34	23.15	24.25	29.98	30.00
2457MHz	Pass	3.32	24.69	23.47	22.91	24.07	29.86	30.00
2462MHz	Pass	3.32	20.6	19.46	19.03	20.44	25.95	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.32	19.88	18.65	18.81	19.65	25.30	30.00
2417MHz	Pass	3.32	22.41	21.03	20.64	21.86	27.56	30.00
2437MHz	Pass	3.32	23.78	22.45	21.82	23	28.84	30.00
2457MHz	Pass	3.32	22.79	21.33	20.81	22.01	27.82	30.00
2462MHz	Pass	3.32	19.46	18.25	17.61	19.42	24.78	30.00
VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.32	18.66	17.46	17.71	18.89	24.24	30.00
2417MHz	Pass	3.32	21.67	20.38	19.81	21.4	26.90	30.00
2437MHz	Pass	3.32	24.66	23.12	22.56	23.85	29.64	30.00
2457MHz	Pass	3.32	22.14	20.81	20.11	21.62	27.26	30.00
2462MHz	Pass	3.32	17.9	16.91	16.33	17.89	23.33	30.00
VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.32	15.59	14.81	14.19	15.88	21.19	30.00
2427MHz	Pass	3.32	17.53	16.69	15.88	17.72	23.04	30.00
2437MHz	Pass	3.32	19.79	18.73	18.01	19.75	25.15	30.00
2452MHz	Pass	3.32	17.85	17.32	16.46	17.91	23.44	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.32	18.80	17.73	17.71	18.67	24.28	30.00
2417MHz	Pass	3.32	21.69	20.43	19.95	21.41	26.95	30.00
2437MHz	Pass	3.32	24.8	23.37	22.84	24.03	29.84	30.00
2457MHz	Pass	3.32	22.43	21.08	20.64	21.68	27.53	30.00
2462MHz	Pass	3.32	17.95	16.99	16.46	18.02	23.42	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.32	15.62	14.88	14.21	15.89	21.22	30.00
2427MHz	Pass	3.32	17.86	16.84	16.11	17.74	23.22	30.00
2437MHz	Pass	3.32	19.81	18.79	18.05	19.78	25.19	30.00
2452MHz	Pass	3.32	17.94	17.55	16.57	18.07	23.59	30.00
VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.21	17.91	16.9	16.19	17.81	23.28	29.79
2417MHz	Pass	6.21	21.65	20.41	19.89	21.4	26.92	29.79
2437MHz	Pass	6.21	24.52	22.94	22.83	23.77	29.59	29.79
2457MHz	Pass	6.21	21.3	20	19.47	21.01	26.53	29.79
2462MHz	Pass	6.21	18.72	17.59	17.01	18.58	24.05	29.79
VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.21	16.61	16.02	15.33	16.64	22.20	29.79
2437MHz	Pass	6.21	18.82	17.7	17.46	18.58	24.20	29.79
2452MHz	Pass	6.21	17.01	16.11	15.52	17.13	22.51	29.79

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.21	18	16.92	16.25	17.85	23.33	29.79
2417MHz	Pass	6.21	21.69	20.43	19.95	21.41	26.95	29.79
2437MHz	Pass	6.21	24.6	22.97	22.87	23.81	29.64	29.79
2457MHz	Pass	6.21	21.33	20.03	19.51	21.08	26.57	29.79
2462MHz	Pass	6.21	18.82	17.85	17.18	18.65	24.19	29.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.21	16.68	16.11	15.41	16.72	22.28	29.79
2437MHz	Pass	6.21	18.88	17.71	17.57	18.62	24.25	29.79
2452MHz	Pass	6.21	17.08	16.2	15.58	17.22	22.59	29.79

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	5.88
802.11g_Nss1,(6Mbps)_4TX	2.05
802.11ax HEW20_Nss1,(MCS0)_4TX	2.02
802.11ax HEW40_Nss1,(MCS0)_4TX	-3.17
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.51
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-5.48

RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

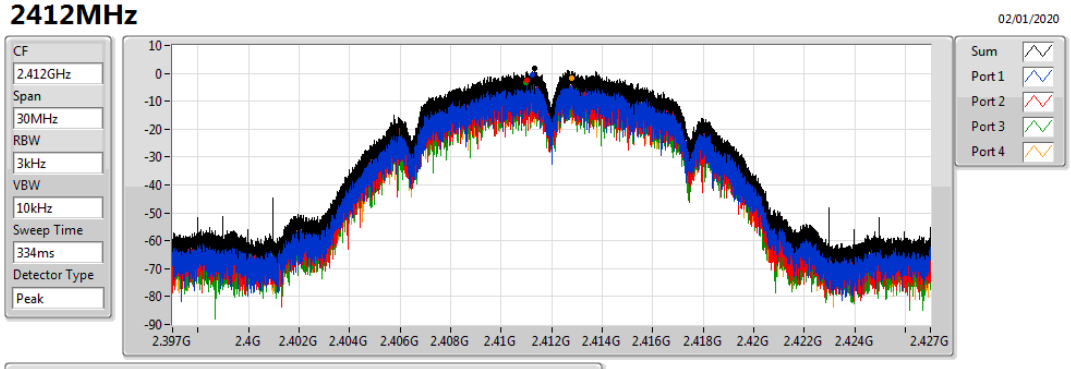
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.21	-0.72	-2.59	-3.32	-1.79	1.90	7.79
2437MHz	Pass	6.21	3.54	1.97	0.10	1.35	5.88	7.79
2462MHz	Pass	6.21	-2.79	-3.12	-2.43	-1.41	0.84	7.79
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.21	-5.68	-7.41	-7.10	-5.70	-1.54	7.79
2437MHz	Pass	6.21	-2.57	-3.96	-4.01	-3.09	2.05	7.79
2462MHz	Pass	6.21	-6.64	-6.97	-8.60	-6.32	-3.10	7.79
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.21	-7.48	-6.76	-8.82	-7.53	-3.46	7.79
2437MHz	Pass	6.21	-0.13	-4.70	-3.91	-2.62	2.02	7.79
2462MHz	Pass	6.21	-7.25	-8.24	-8.10	-8.74	-2.50	7.79
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.21	-14.58	-15.26	-14.21	-12.71	-9.41	7.79
2437MHz	Pass	6.21	-8.86	-9.37	-10.15	-8.54	-3.17	7.79
2452MHz	Pass	6.21	-10.73	-12.79	-13.57	-12.31	-7.23	7.79
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.21	-8.89	-8.00	-9.13	-9.42	-3.02	7.79
2437MHz	Pass	6.21	-0.44	-2.40	-4.72	-3.39	2.51	7.79
2462MHz	Pass	6.21	-7.92	-9.57	-7.47	-8.12	-3.21	7.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.21	-12.44	-14.08	-13.70	-13.09	-8.87	7.79
2437MHz	Pass	6.21	-9.45	-10.68	-11.60	-11.12	-5.48	7.79
2452MHz	Pass	6.21	-13.15	-12.89	-14.85	-11.58	-8.00	7.79

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11b_Nss1,(1Mbps)_4TX PSD

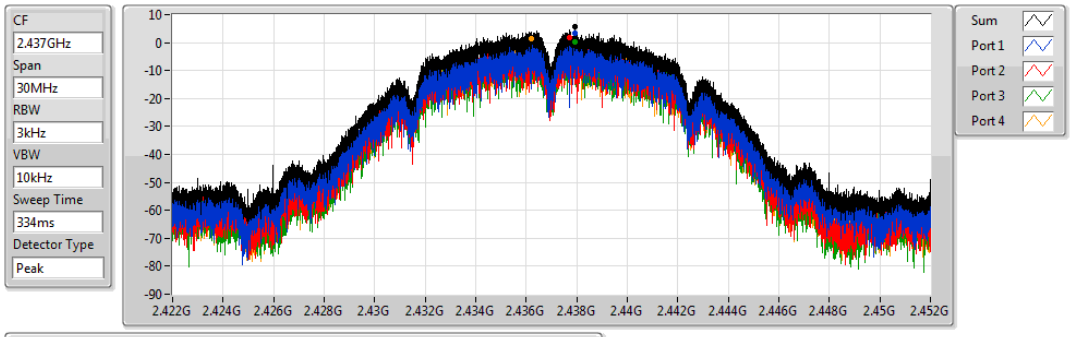
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.90	1.90	-0.72	-2.59	-3.32	-1.79

802.11b_Nss1,(1Mbps)_4TX PSD

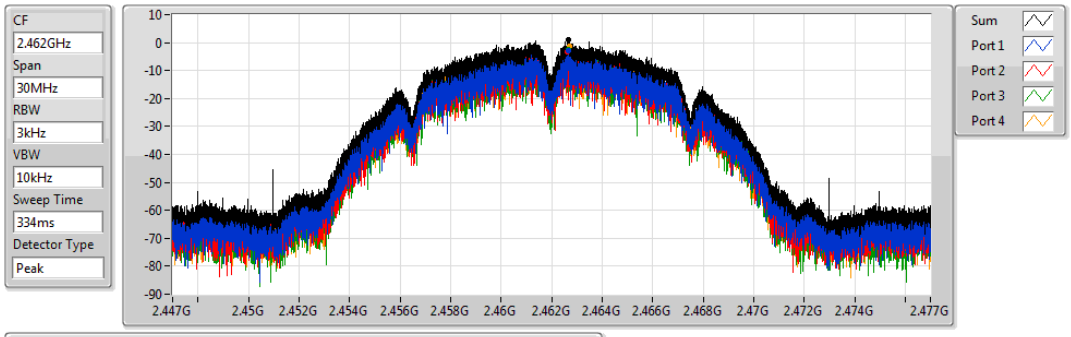
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.88	5.88	3.54	1.97	0.10	1.35

802.11b_Nss1,(1Mbps)_4TX PSD

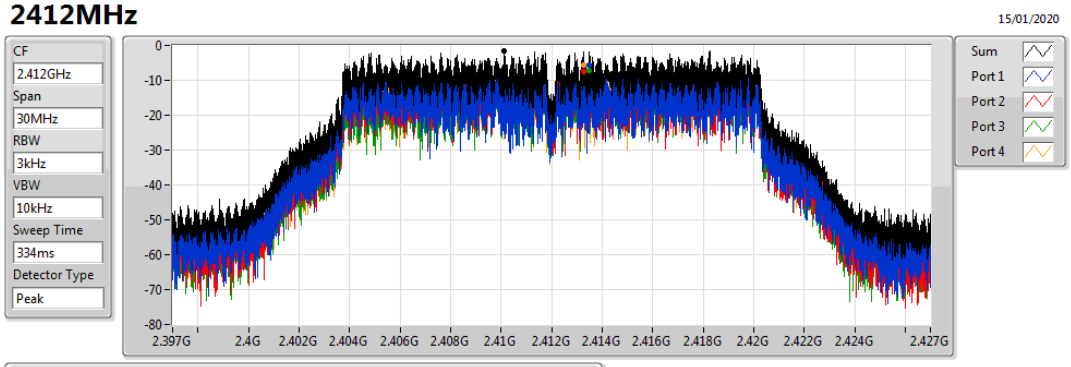
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.84	0.84	-2.79	-3.12	-2.43	-1.41

802.11g_Nss1,(6Mbps)_4TX PSD

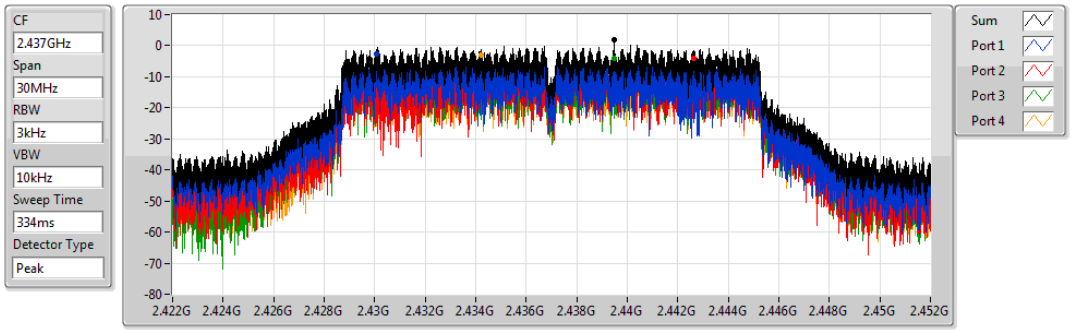
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.54	-1.54	-5.68	-7.41	-7.10	-5.70

802.11g_Nss1,(6Mbps)_4TX PSD

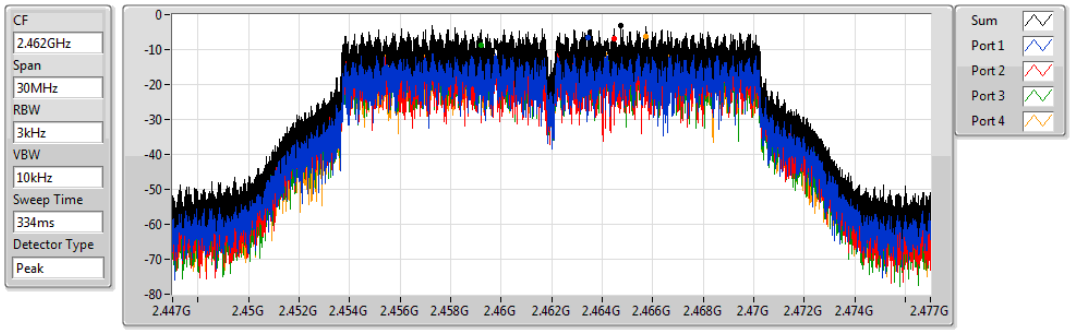
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.05	2.05	-2.57	-3.96	-4.01	-3.09

802.11g_Nss1,(6Mbps)_4TX PSD

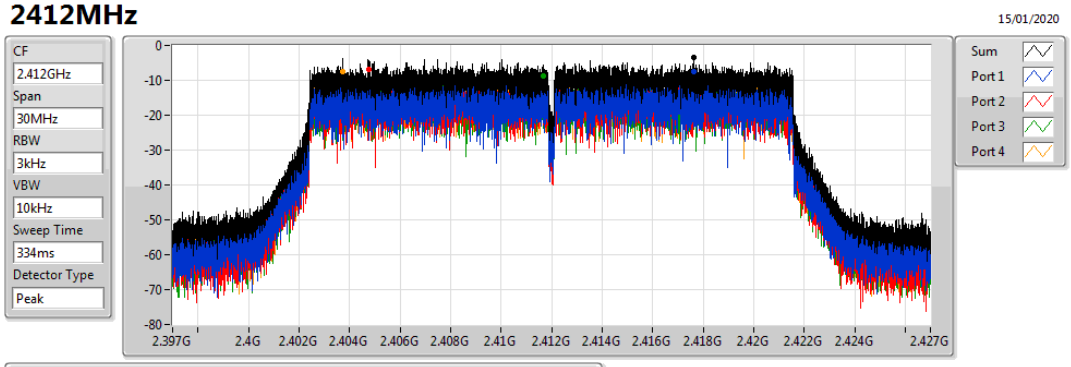
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.10	-3.10	-6.64	-6.97	-8.60	-6.32

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

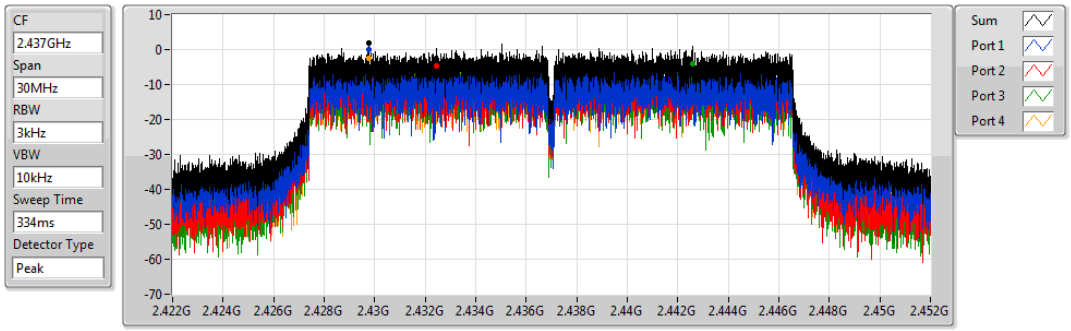
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.46	-3.46	-7.48	-6.76	-8.82	-7.53

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

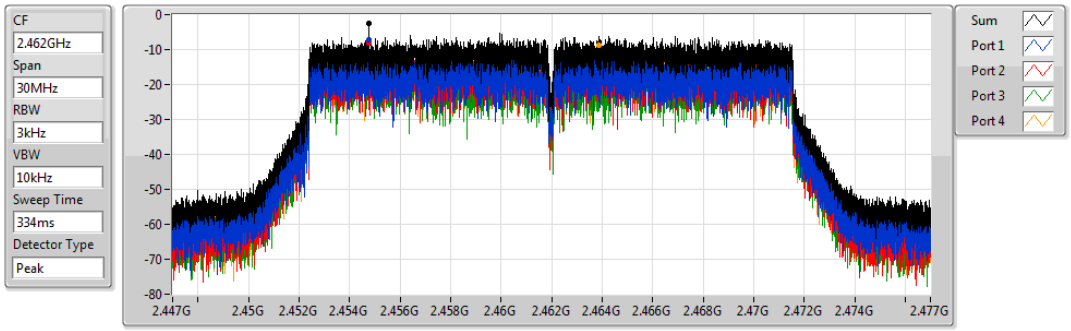
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.02	2.02	-0.13	-4.70	-3.91	-2.62

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

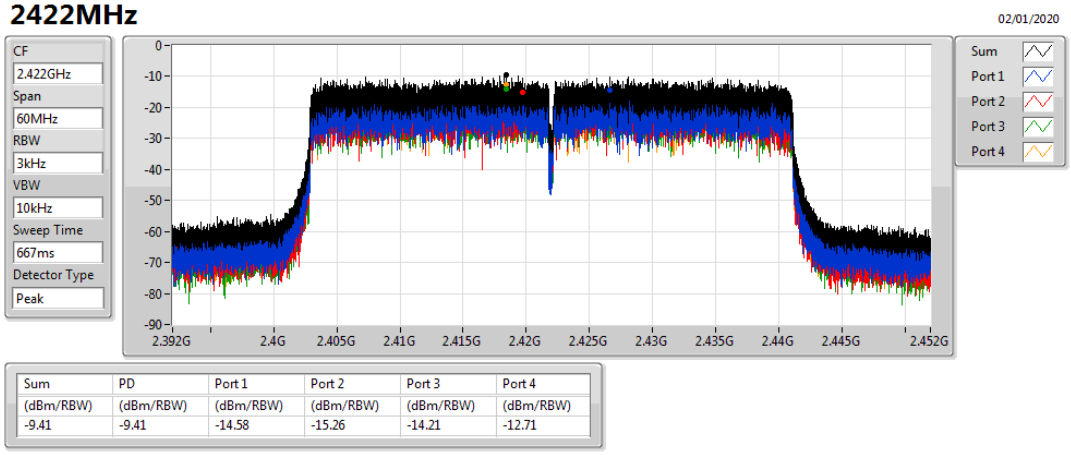
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.50	-2.50	-7.25	-8.24	-8.10	-8.74

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

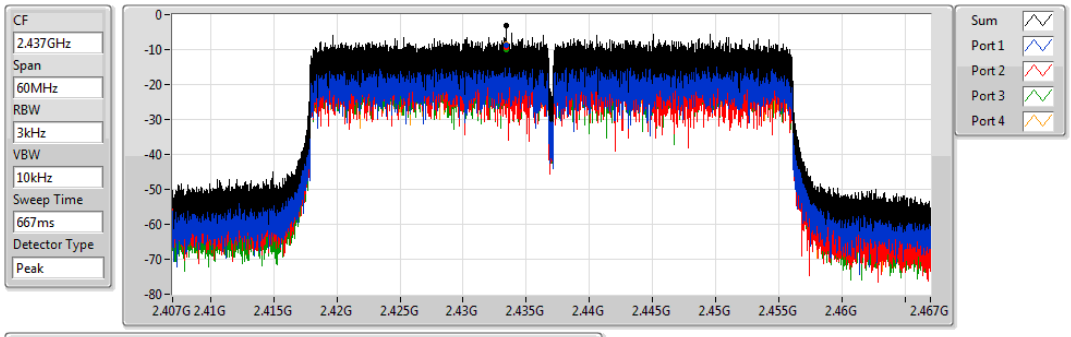
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.41	-9.41	-14.58	-15.26	-14.21	-12.71

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

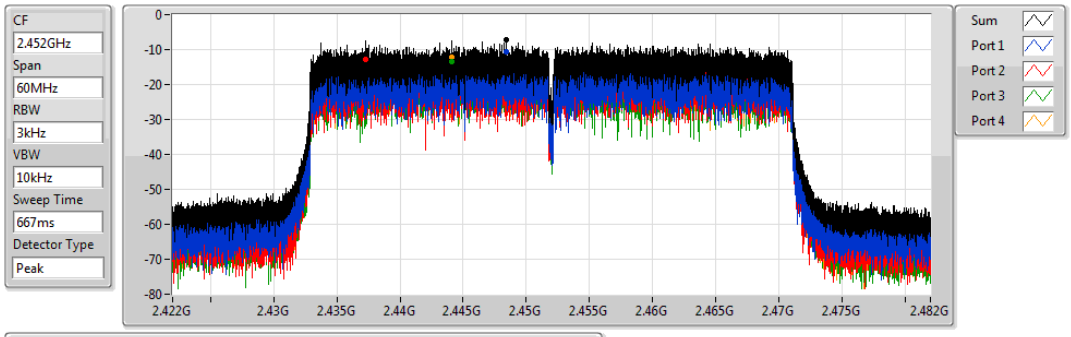
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-8.86	-9.37	-10.15	-8.54

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

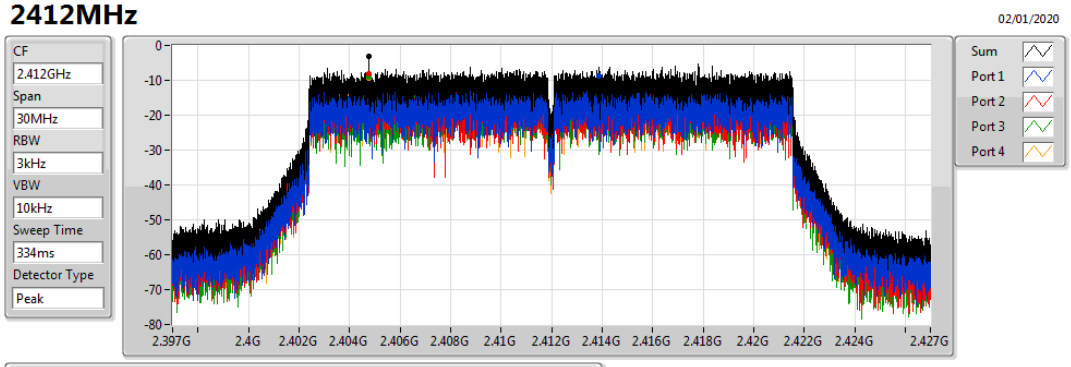
2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.23	-7.23	-10.73	-12.79	-13.57	-12.31

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

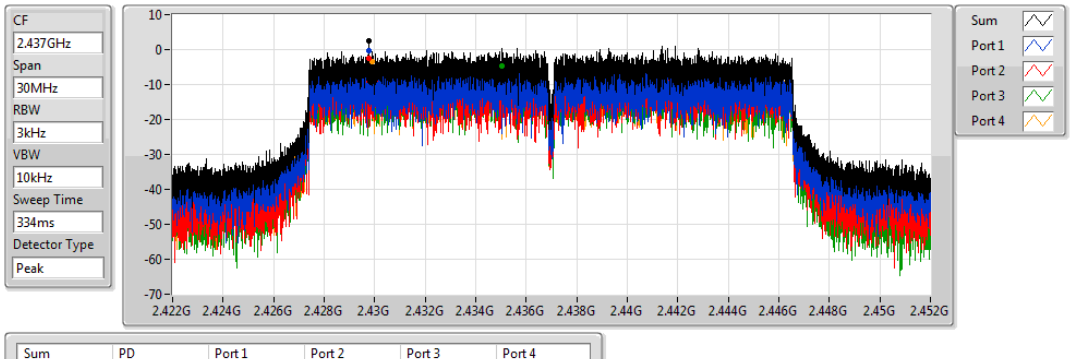
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.02	-3.02	-8.89	-8.00	-9.13	-9.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

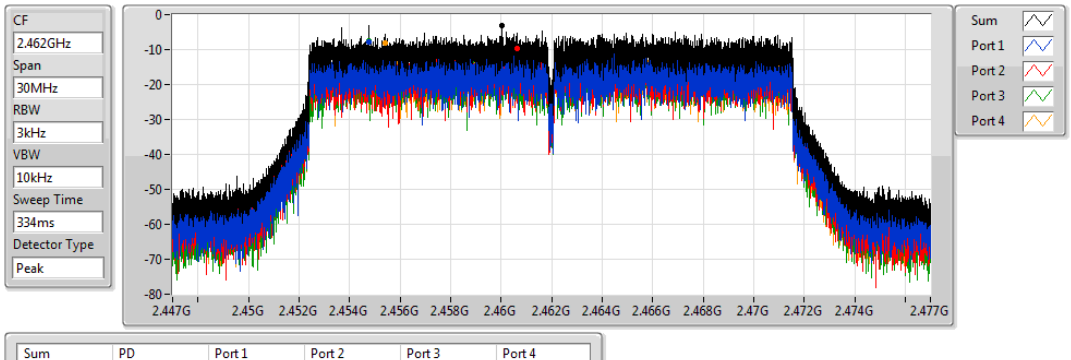
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.51	2.51	-0.44	-2.40	-4.72	-3.39

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

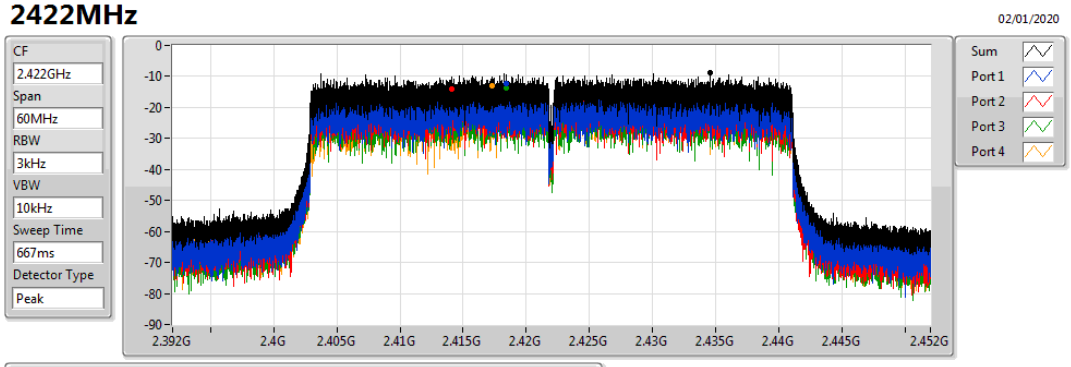
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.21	-3.21	-7.92	-9.57	-7.47	-8.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

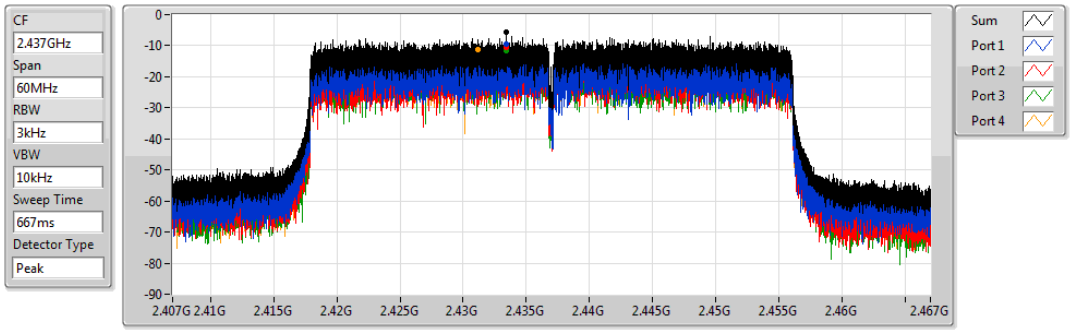
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.87	-8.87	-12.44	-14.08	-13.70	-13.09

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

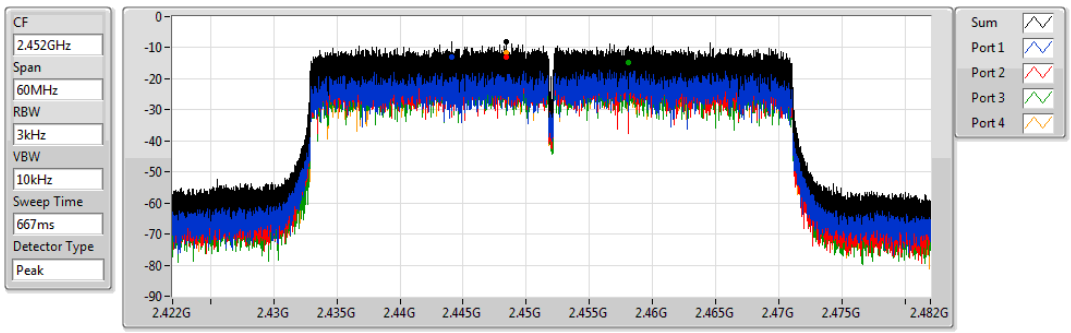
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.48	-5.48	-9.45	-10.68	-11.60	-11.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.00	-8.00	-13.15	-12.89	-14.85	-11.58

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)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43649G	16.94	-13.06	2.30175G	-52.15	2.39898G	-42.26	2.4G	-47.73	2.48608G	-49.55	24.89324G	-45.11	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.44196G	12.45	-17.55	2.30292G	-51.42	2.393G	-50.94	2.4835G	-44.85	2.48354G	-40.32	24.89605G	-45.25	1
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.44446G	13.04	-16.96	2.30088G	-52.01	2.39894G	-41.62	2.4G	-42.29	2.48606G	-46.38	16.39431G	-44.94	1
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.43194G	5.25	-24.75	2.18346G	-53.20	2.39824G	-36.35	2.4G	-40.94	2.48822G	-46.71	16.41243G	-45.60	4
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	2.442G	13.02	-16.98	947.44M	-53.02	2.39964G	-36.25	2.4G	-38.49	2.495G	-50.75	15.24801G	-44.97	1
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.43449G	4.23	-25.77	819.76M	-53.20	2.39948G	-39.17	2.4G	-42.74	2.4945G	-48.17	24.74759G	-44.48	4

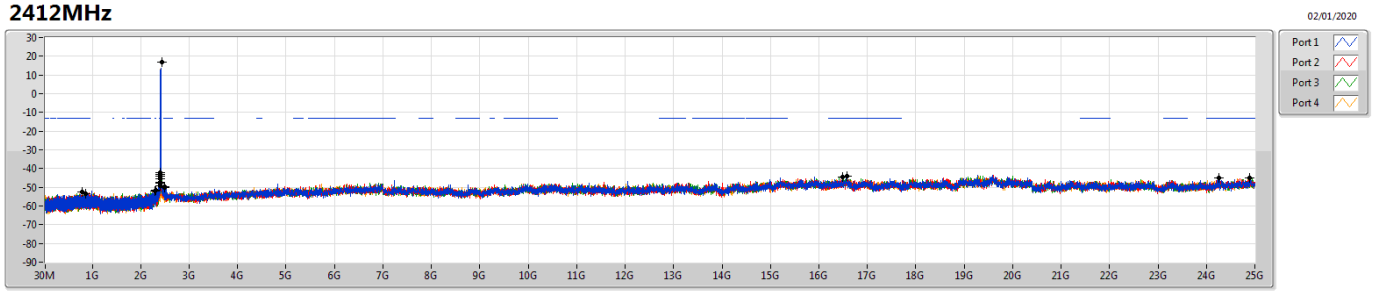
Result

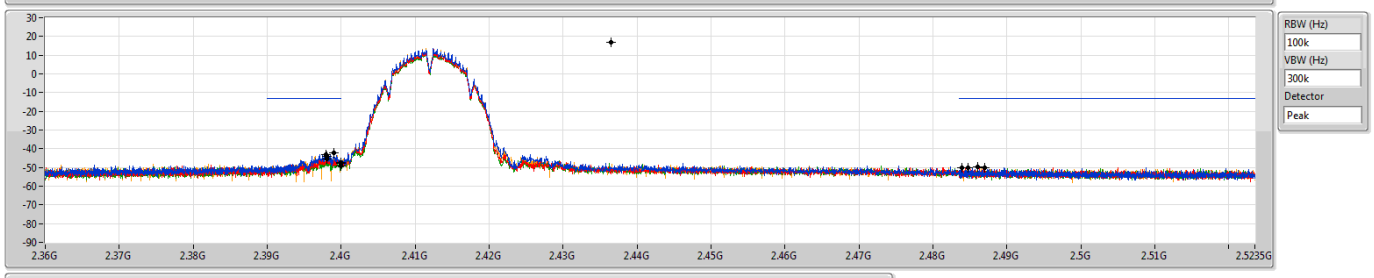
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	16.94	-13.06	2.30175G	-52.15	2.39898G	-42.26	2.4G	-47.73	2.48608G	-49.55	24.89324G	-45.11	1
2412MHz	Pass	2.43649G	16.94	-13.06	794.24M	-52.71	2.398G	-44.02	2.4G	-47.63	2.4839G	-50.04	16.48703G	-44.69	2
2412MHz	Pass	2.43649G	16.94	-13.06	2.30466G	-51.66	2.398G	-45.57	2.4G	-49.17	2.48478G	-49.97	16.57131G	-44.08	3
2412MHz	Pass	2.43649G	16.94	-13.06	871.13M	-53.28	2.39798G	-43.13	2.4G	-47.19	2.48704G	-50.07	24.26109G	-45.15	4
2437MHz	Pass	2.43649G	16.94	-13.06	2.03089G	-52.62	2.39198G	-48.07	2.4835G	-50.54	2.48944G	-46.75	24.92133G	-44.97	1
2437MHz	Pass	2.43649G	16.94	-13.06	2.30583G	-53.13	2.3952G	-48.51	2.4835G	-50.53	2.48674G	-48.11	15.17496G	-45.44	2
2437MHz	Pass	2.43649G	16.94	-13.06	2.03089G	-53.16	2.3938G	-48.44	2.4835G	-49.63	2.493G	-47.96	24.92133G	-43.76	3
2437MHz	Pass	2.43649G	16.94	-13.06	2.30175G	-51.82	2.39264G	-47.78	2.4G	-49.80	2.48634G	-47.88	24.941G	-45.56	4
2462MHz	Pass	2.43649G	16.94	-13.06	670.17M	-52.78	2.39078G	-50.18	2.4G	-51.88	2.50316G	-48.86	24.98595G	-44.54	1
2462MHz	Pass	2.43649G	16.94	-13.06	2.30292G	-52.03	2.3919G	-50.86	2.4835G	-54.22	2.52128G	-49.19	24.96909G	-45.35	2
2462MHz	Pass	2.43649G	16.94	-13.06	2.30903G	-53.31	2.39916G	-51.07	2.4835G	-53.11	2.48374G	-49.11	16.54603G	-44.68	3
2462MHz	Pass	2.43649G	16.94	-13.06	2.06118G	-53.44	2.39058G	-50.51	2.4835G	-51.79	2.49474G	-49.15	16.95341G	-45.51	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	12.45	-17.55	955.88M	-53.42	2.39986G	-43.73	2.4G	-43.08	2.523G	-51.61	24.98314G	-44.86	1
2412MHz	Pass	2.44196G	12.45	-17.55	510.27M	-53.55	2.4G	-43.83	2.4G	-43.82	2.50108G	-50.87	24.89324G	-45.16	2
2412MHz	Pass	2.44196G	12.45	-17.55	844.63M	-53.03	2.4G	-44.21	2.4G	-43.18	2.51228G	-51.62	16.55165G	-44.23	3
2412MHz	Pass	2.44196G	12.45	-17.55	2.30641G	-52.29	2.39986G	-44.54	2.4G	-43.45	2.50078G	-51.52	24.72747G	-45.26	4
2437MHz	Pass	2.44196G	12.45	-17.55	2.30525G	-52.28	2.39736G	-44.15	2.4G	-47.37	2.48604G	-47.72	16.38588G	-45.28	1
2437MHz	Pass	2.44196G	12.45	-17.55	2.03089G	-50.88	2.3943G	-47.11	2.4G	-49.34	2.48774G	-47.85	16.52355G	-44.91	2
2437MHz	Pass	2.44196G	12.45	-17.55	2.03089G	-51.71	2.39764G	-47.72	2.4G	-51.23	2.488G	-48.54	16.88317G	-45.11	3
2437MHz	Pass	2.44196G	12.45	-17.55	2.03089G	-50.93	2.39926G	-45.91	2.4G	-47.22	2.50074G	-47.85	24.90728G	-44.42	4
2462MHz	Pass	2.44196G	12.45	-17.55	2.30292G	-51.42	2.393G	-50.94	2.4835G	-44.85	2.48354G	-40.32	24.89605G	-45.25	1
2462MHz	Pass	2.44196G	12.45	-17.55	2.15176G	-52.70	2.3918G	-51.62	2.4835G	-45.34	2.4835G	-46.83	16.59098G	-43.75	2
2462MHz	Pass	2.44196G	12.45	-17.55	2.1768G	-51.75	2.39326G	-50.60	2.4835G	-48.28	2.48354G	-46.53	15.00358G	-45.03	3
2462MHz	Pass	2.44196G	12.45	-17.55	846.08M	-52.91	2.39012G	-50.07	2.4835G	-45.65	2.4835G	-43.38	16.92251G	-44.11	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44446G	13.04	-16.96	814.05M	-52.88	2.3999G	-42.40	2.4G	-44.22	2.49086G	-51.71	16.54603G	-44.90	1
2412MHz	Pass	2.44446G	13.04	-16.96	814.92M	-53.24	2.39996G	-43.07	2.4G	-44.60	2.51398G	-51.98	24.78928G	-45.35	2
2412MHz	Pass	2.44446G	13.04	-16.96	829.77M	-53.62	2.4G	-45.43	2.4G	-44.12	2.50756G	-52.08	16.45331G	-44.14	3
2412MHz	Pass	2.44446G	13.04	-16.96	919.48M	-53.85	2.3999G	-42.83	2.4G	-44.11	2.4878G	-52.15	24.39875G	-44.88	4
2437MHz	Pass	2.44446G	13.04	-16.96	2.30088G	-52.01	2.39894G	-41.62	2.4G	-42.29	2.48606G	-46.38	16.39431G	-44.94	1
2437MHz	Pass	2.44446G	13.04	-16.96	2.03089G	-50.07	2.39982G	-44.65	2.4G	-46.56	2.48646G	-46.82	24.82019G	-44.78	2
2437MHz	Pass	2.44446G	13.04	-16.96	2.30204G	-51.79	2.399G	-45.70	2.4G	-47.12	2.48366G	-46.45	16.94779G	-44.18	3
2437MHz	Pass	2.44446G	13.04	-16.96	2.30466G	-52.65	2.399G	-42.08	2.4G	-47.12	2.48398G	-47.23	24.87357G	-44.56	4
2462MHz	Pass	2.44446G	13.04	-16.96	553.09M	-53.30	2.39266G	-51.43	2.4835G	-46.58	2.4838G	-43.99	24.83143G	-44.61	1
2462MHz	Pass	2.44446G	13.04	-16.96	708.9M	-52.77	2.3998G	-52.28	2.4835G	-47.15	2.48376G	-47.38	16.59941G	-44.85	2
2462MHz	Pass	2.44446G	13.04	-16.96	2.05186G	-53.34	2.39336G	-51.24	2.4835G	-49.46	2.48438G	-47.52	16.30721G	-44.31	3
2462MHz	Pass	2.44446G	13.04	-16.96	928.51M	-53.45	2.39782G	-51.31	2.4835G	-45.58	2.48352G	-43.92	24.9129G	-45.19	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43194G	5.25	-24.75	909.07M	-52.79	2.397G	-42.40	2.4G	-45.33	2.51802G	-49.69	24.91306G	-44.76	1
2422MHz	Pass	2.43194G	5.25	-24.75	879.3M	-53.38	2.39824G	-43.14	2.4G	-44.56	2.49238G	-50.73	16.97334G	-45.26	2
2422MHz	Pass	2.43194G	5.25	-24.75	685.8M	-53.28	2.39828G	-45.35	2.4G	-45.69	2.5491G	-51.07	24.92708G	-44.94	3
2422MHz	Pass	2.43194G	5.25	-24.75	594.77M	-53.60	2.39892G	-42.07	2.4G	-43.34	2.50062G	-50.14	16.52461G	-44.97	4
2437MHz	Pass	2.43194G	5.25	-24.75	2.3054G	-52.67	2.39956G	-37.05	2.4G	-41.17	2.48394G	-45.64	16.29744G	-44.60	1
2437MHz	Pass	2.43194G	5.25	-24.75	2.30512G	-52.60	2.39952G	-38.69	2.4G	-43.11	2.4911G	-47.07	24.71393G	-44.91	2
2437MHz	Pass	2.43194G	5.25	-24.75	2.30683G	-53.22	2.39952G	-39.25	2.4G	-43.01	2.48358G	-48.28	16.92006G	-44.98	3
2437MHz	Pass	2.43194G	5.25	-24.75	2.18346G	-53.20	2.39824G	-36.35	2.4G	-40.94	2.48822G	-46.71	16.41243G	-45.60	4

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2447MHz															
2452MHz	Pass	2.43194G	5.25	-24.75	830.36M	-52.33	2.39816G	-49.47	2.4835G	-45.37	2.48822G	-42.02	16.24135G	-44.93	1
2452MHz	Pass	2.43194G	5.25	-24.75	745.05M	-52.80	2.39992G	-50.12	2.4835G	-47.79	2.48794G	-45.48	16.58912G	-43.95	2
2452MHz	Pass	2.43194G	5.25	-24.75	2.30741G	-53.66	2.39284G	-50.65	2.4835G	-48.91	2.48946G	-46.30	24.99159G	-45.18	3
2452MHz	Pass	2.43194G	5.25	-24.75	2.3034G	-52.94	2.39964G	-47.51	2.4835G	-46.58	2.4841G	-42.72	17.00419G	-45.13	4
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	13.02	-16.98	947.44M	-53.02	2.39964G	-36.25	2.4G	-38.49	2.495G	-50.75	15.24801G	-44.97	1
2412MHz	Pass	2.442G	13.02	-16.98	710.65M	-52.35	2.39946G	-38.41	2.4G	-39.69	2.48496G	-51.11	17.50128G	-45.03	2
2412MHz	Pass	2.442G	13.02	-16.98	708.9M	-53.40	2.39972G	-39.48	2.4G	-41.22	2.51024G	-50.71	16.54322G	-44.95	3
2412MHz	Pass	2.442G	13.02	-16.98	510.27M	-53.18	2.39962G	-37.07	2.4G	-37.37	2.48546G	-50.21	16.36621G	-45.38	4
2437MHz	Pass	2.442G	13.02	-16.98	2.30466G	-51.93	2.4G	-41.99	2.4G	-44.04	2.48458G	-46.28	24.6488G	-45.26	1
2437MHz	Pass	2.442G	13.02	-16.98	2.10399G	-52.83	2.39984G	-45.56	2.4G	-48.23	2.48384G	-46.29	24.93819G	-45.18	2
2437MHz	Pass	2.442G	13.02	-16.98	2.30845G	-52.35	2.39976G	-46.29	2.4G	-47.89	2.49238G	-48.01	16.97589G	-44.55	3
2437MHz	Pass	2.442G	13.02	-16.98	2.03089G	-51.39	2.39948G	-44.12	2.4G	-48.54	2.48576G	-47.52	16.56007G	-44.87	4
2462MHz	Pass	2.442G	13.02	-16.98	705.41M	-52.76	2.39314G	-51.44	2.4835G	-42.93	2.48356G	-41.81	15.02043G	-45.57	1
2462MHz	Pass	2.442G	13.02	-16.98	805.89M	-53.15	2.39194G	-52.12	2.4835G	-48.38	2.48418G	-45.09	15.22553G	-44.51	2
2462MHz	Pass	2.442G	13.02	-16.98	674.54M	-53.70	2.39402G	-50.95	2.4835G	-50.42	2.48422G	-46.36	24.91009G	-45.56	3
2462MHz	Pass	2.442G	13.02	-16.98	860.94M	-52.91	2.39972G	-52.13	2.4835G	-44.89	2.48504G	-43.05	16.5376G	-44.93	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43449G	4.23	-25.77	1.88175G	-53.32	2.39888G	-39.65	2.4G	-44.19	2.49826G	-49.46	17.02102G	-45.29	1
2422MHz	Pass	2.43449G	4.23	-25.77	832.93M	-52.92	2.39888G	-41.15	2.4G	-42.74	2.50414G	-50.69	24.78405G	-44.66	2
2422MHz	Pass	2.43449G	4.23	-25.77	753.93M	-52.52	2.39888G	-43.06	2.4G	-42.74	2.50378G	-50.06	16.58631G	-45.13	3
2422MHz	Pass	2.43449G	4.23	-25.77	778.83M	-53.74	2.39888G	-39.70	2.4G	-43.99	2.4841G	-50.47	16.92286G	-44.09	4
2437MHz	Pass	2.43449G	4.23	-25.77	2.30283G	-53.34	2.39952G	-39.42	2.4G	-42.98	2.48482G	-46.67	17.47536G	-44.75	1
2437MHz	Pass	2.43449G	4.23	-25.77	2.30941G	-51.62	2.39984G	-42.08	2.4G	-44.94	2.49446G	-48.48	24.60456G	-44.55	2
2437MHz	Pass	2.43449G	4.23	-25.77	866.42M	-53.54	2.39948G	-42.56	2.4G	-45.45	2.4897G	-49.19	16.90884G	-44.98	3
2437MHz	Pass	2.43449G	4.23	-25.77	819.76M	-53.20	2.39948G	-39.17	2.4G	-42.74	2.4945G	-48.17	24.74759G	-44.48	4
2452MHz	Pass	2.43449G	4.23	-25.77	2.30855G	-52.77	2.39452G	-49.67	2.4835G	-44.93	2.48598G	-43.97	15.19525G	-45.30	1
2452MHz	Pass	2.43449G	4.23	-25.77	721.29M	-52.79	2.3996G	-48.76	2.4835G	-48.79	2.4841G	-45.82	24.55688G	-44.32	2
2452MHz	Pass	2.43449G	4.23	-25.77	689.23M	-53.75	2.39932G	-50.38	2.4835G	-49.10	2.48594G	-47.99	24.90745G	-44.94	3
2452MHz	Pass	2.43449G	4.23	-25.77	735.03M	-52.67	2.39976G	-49.51	2.4835G	-47.63	2.48366G	-45.38	16.71813G	-44.61	4

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

2412MHz

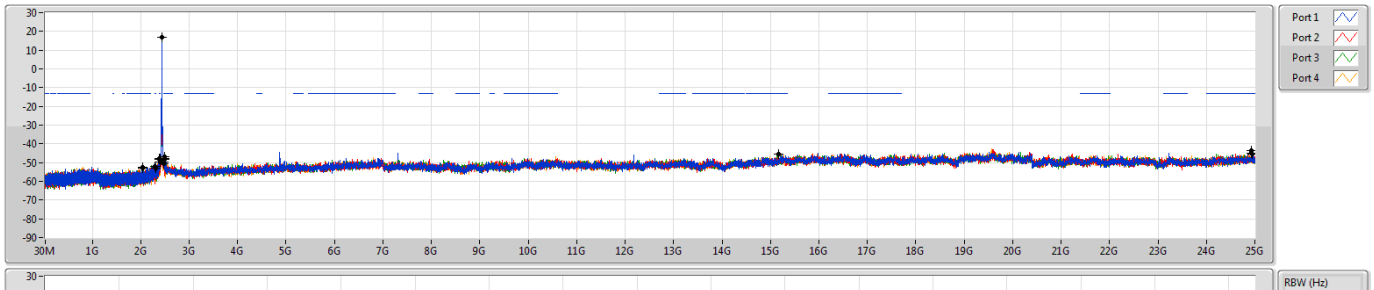


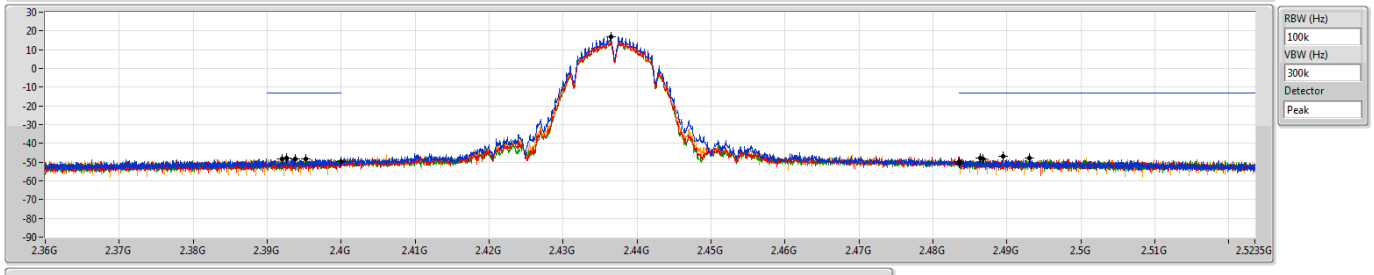


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	16.94	-13.06	2.30175G	-52.15	2.39898G	-42.26	2.4G	-47.73	2.48608G	-49.55	24.89324G	-45.11	1
2.43649G	16.94	-13.06	794.24M	-52.71	2.398G	-44.02	2.4G	-47.63	2.4839G	-50.04	16.48703G	-44.69	2
2.43649G	16.94	-13.06	2.30466G	-51.66	2.398G	-45.57	2.4G	-49.17	2.48478G	-49.97	16.57131G	-44.08	3
2.43649G	16.94	-13.06	871.13M	-53.28	2.39798G	-43.13	2.4G	-47.19	2.48704G	-50.07	24.26109G	-45.15	4

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

2437MHz

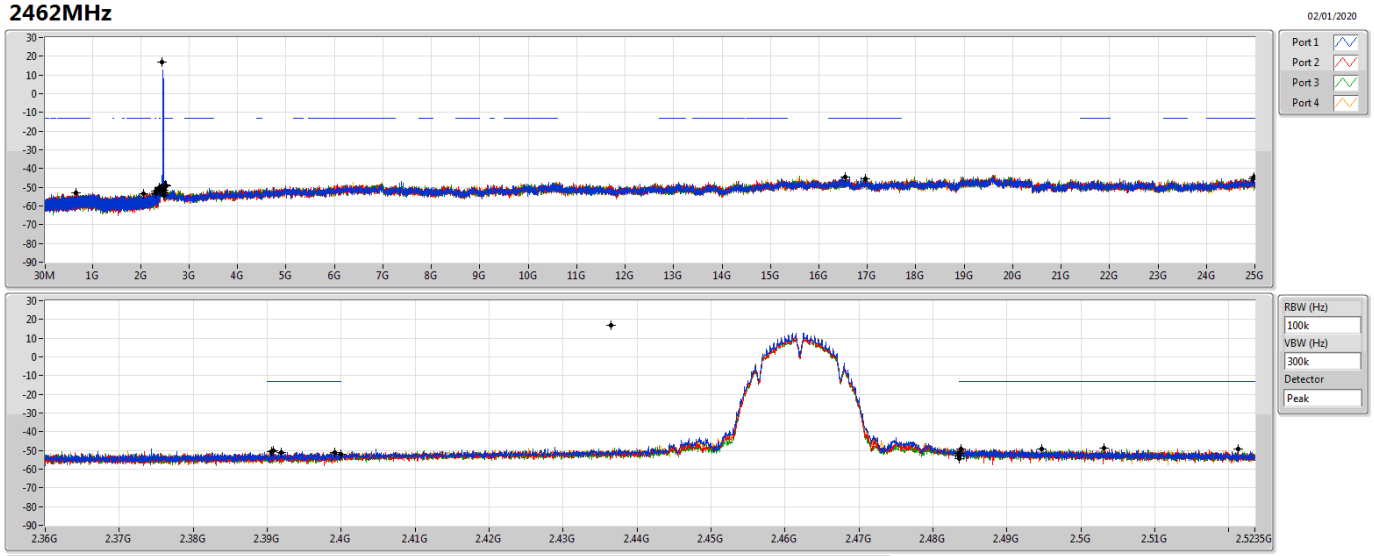




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	16.94	-13.06	2.03089G	-52.62	2.39198G	-48.07	2.4835G	-50.54	2.48944G	-46.75	24.92133G	-44.97	1
2.43649G	16.94	-13.06	2.30583G	-53.13	2.3952G	-48.51	2.4835G	-50.53	2.48674G	-48.11	15.17496G	-45.44	2
2.43649G	16.94	-13.06	2.03089G	-53.16	2.3938G	-48.44	2.4835G	-49.63	2.493G	-47.96	24.92133G	-43.76	3
2.43649G	16.94	-13.06	2.30175G	-51.82	2.39264G	-47.78	2.4G	-49.80	2.48634G	-47.88	24.941G	-45.56	4

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

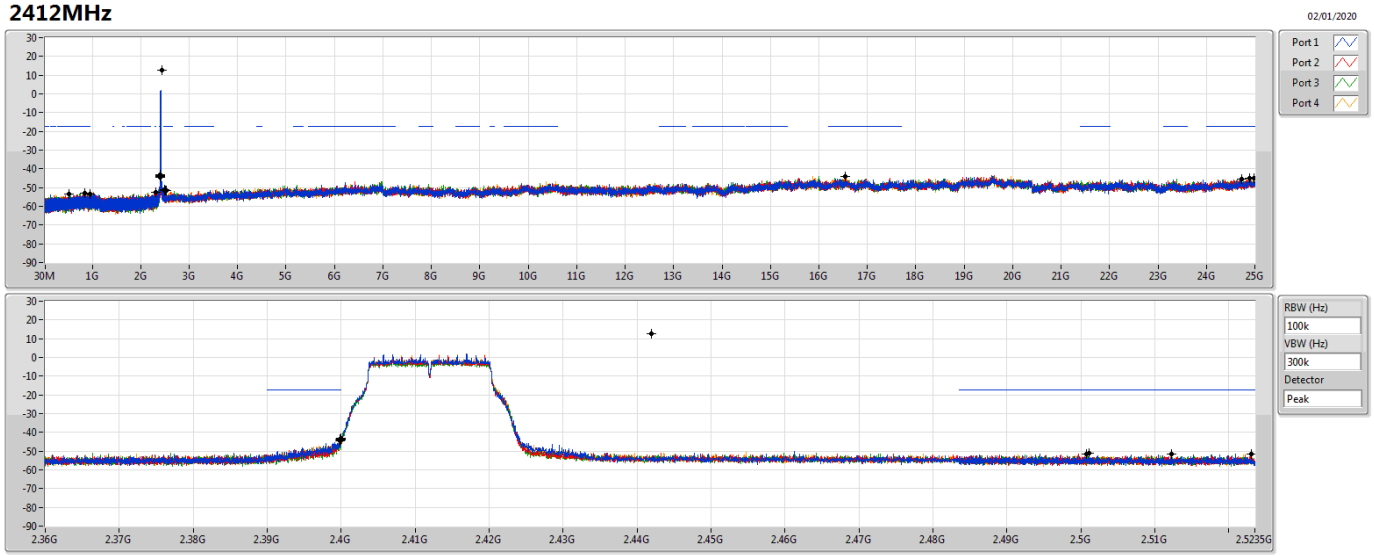
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43649G	16.94	-13.06	670.17M	-52.78	2.39078G	-50.18	2.4G	-51.88	2.50316G	-48.86	24.98595G	-44.54	1
2.43649G	16.94	-13.06	2.30292G	-52.03	2.3919G	-50.86	2.4835G	-54.22	2.52128G	-49.19	24.96909G	-45.35	2
2.43649G	16.94	-13.06	2.30903G	-53.31	2.39916G	-51.07	2.4835G	-53.11	2.48374G	-49.11	16.54603G	-44.68	3
2.43649G	16.94	-13.06	2.06118G	-53.44	2.39058G	-50.51	2.4835G	-51.79	2.49474G	-49.15	16.95341G	-45.51	4

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

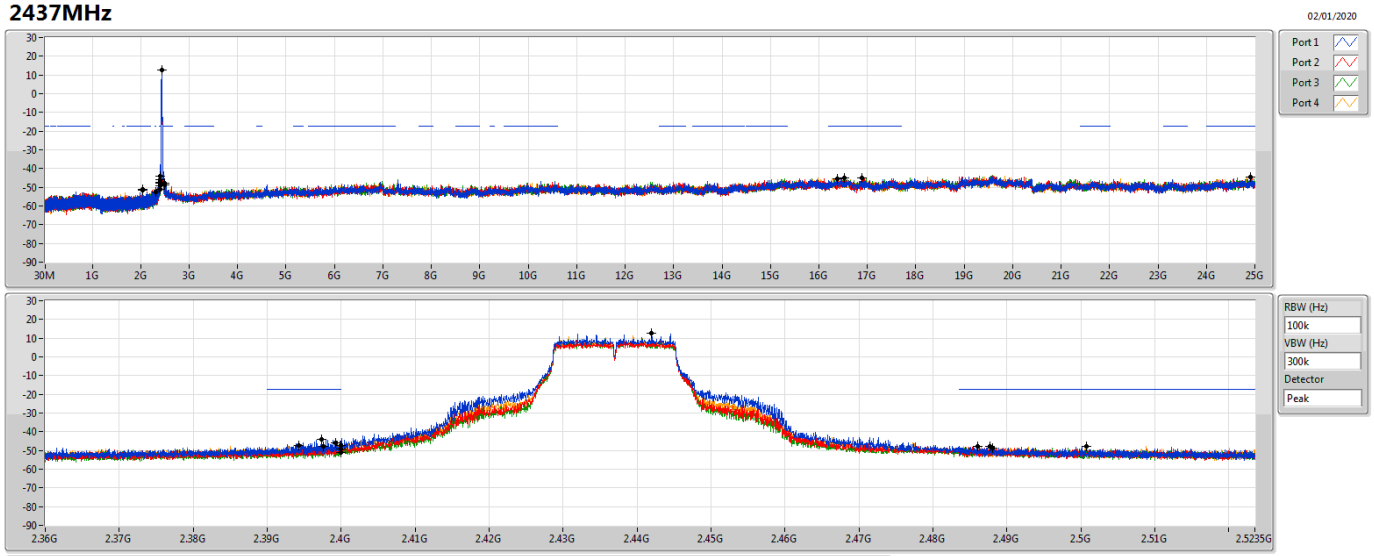
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	12.45	-17.55	955.88M	-53.42	2.39986G	-43.73	2.4G	-43.08	2.523G	-51.61	24.98314G	-44.86	1
2.44196G	12.45	-17.55	510.27M	-53.55	2.4G	-43.83	2.4G	-43.82	2.50108G	-50.87	24.89324G	-45.16	2
2.44196G	12.45	-17.55	844.63M	-53.03	2.4G	-44.21	2.4G	-43.18	2.51228G	-51.62	16.55165G	-44.23	3
2.44196G	12.45	-17.55	2.30641G	-52.29	2.39986G	-44.54	2.4G	-43.45	2.50078G	-51.52	24.72747G	-45.26	4

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

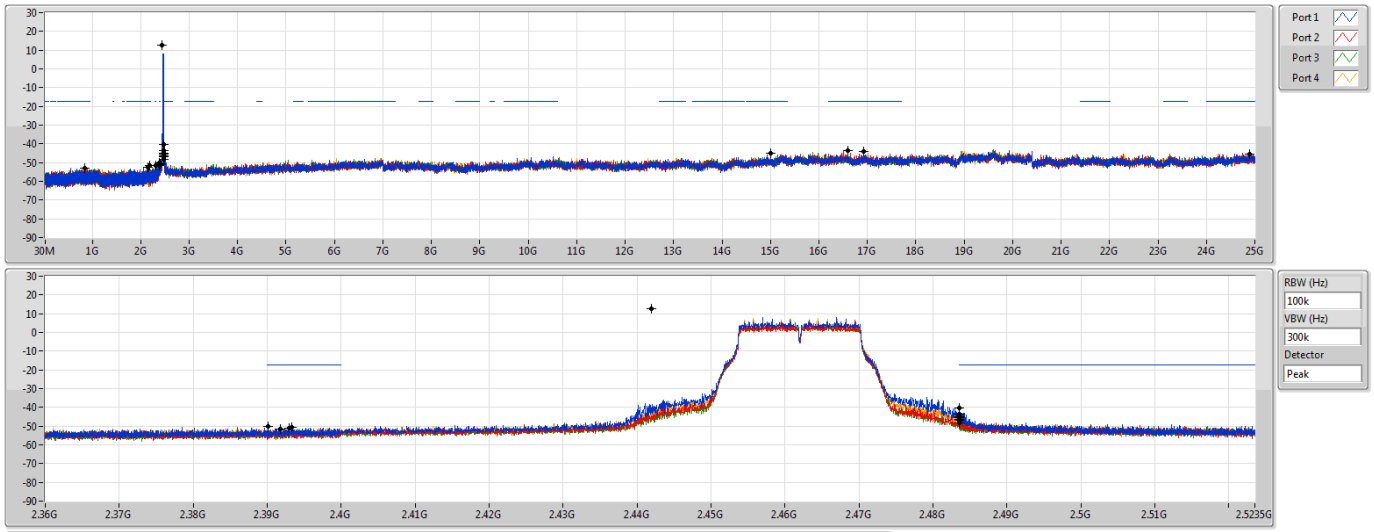
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	12.45	-17.55	2.30525G	-52.28	2.39736G	-44.15	2.4G	-47.37	2.48604G	-47.72	16.38588G	-45.28	1
2.44196G	12.45	-17.55	2.03089G	-50.88	2.3943G	-47.11	2.4G	-49.34	2.48774G	-47.85	16.52355G	-44.91	2
2.44196G	12.45	-17.55	2.03089G	-51.71	2.39764G	-47.72	2.4G	-51.23	2.488G	-48.54	16.88317G	-45.11	3
2.44196G	12.45	-17.55	2.03089G	-50.93	2.39926G	-45.91	2.4G	-47.22	2.50074G	-47.85	24.90728G	-44.42	4

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

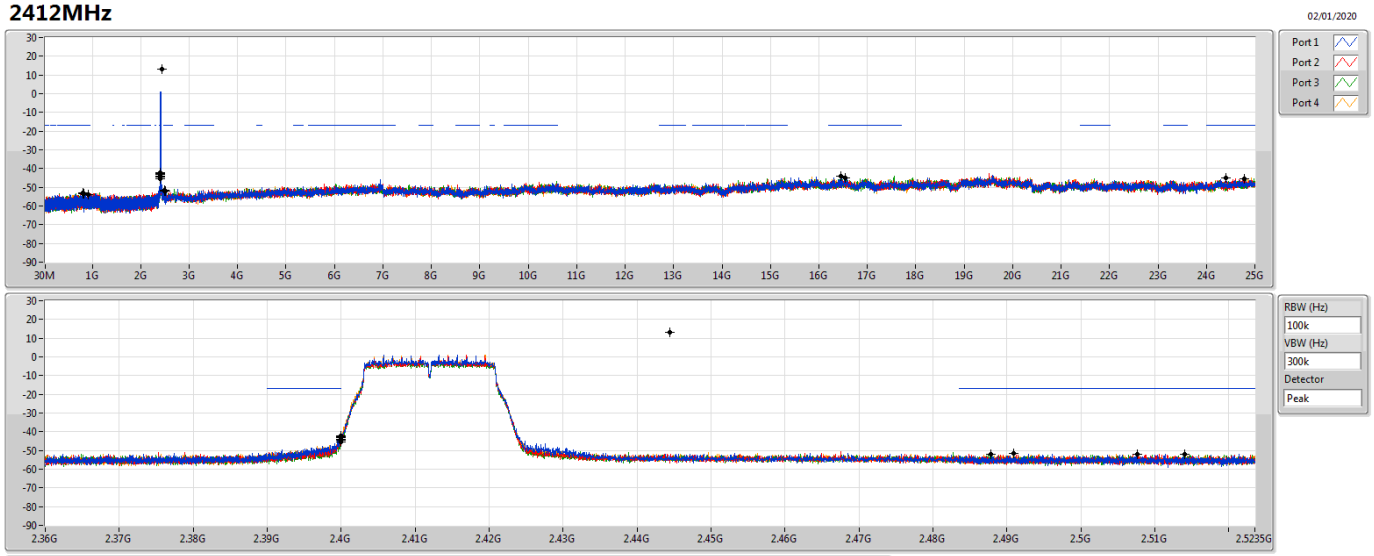
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44196G	12.45	-17.55	2.30292G	-51.42	2.393G	-50.94	2.4835G	-44.85	2.48354G	-40.32	24.89605G	-45.25	1
2.44196G	12.45	-17.55	2.15176G	-52.70	2.3918G	-51.62	2.4835G	-45.34	2.4835G	-46.83	16.59098G	-43.75	2
2.44196G	12.45	-17.55	2.1768G	-51.75	2.39326G	-50.60	2.4835G	-48.28	2.48354G	-46.53	15.00358G	-45.03	3
2.44196G	12.45	-17.55	846.08M	-52.91	2.39012G	-50.07	2.4835G	-45.65	2.4835G	-43.38	16.92251G	-44.11	4

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

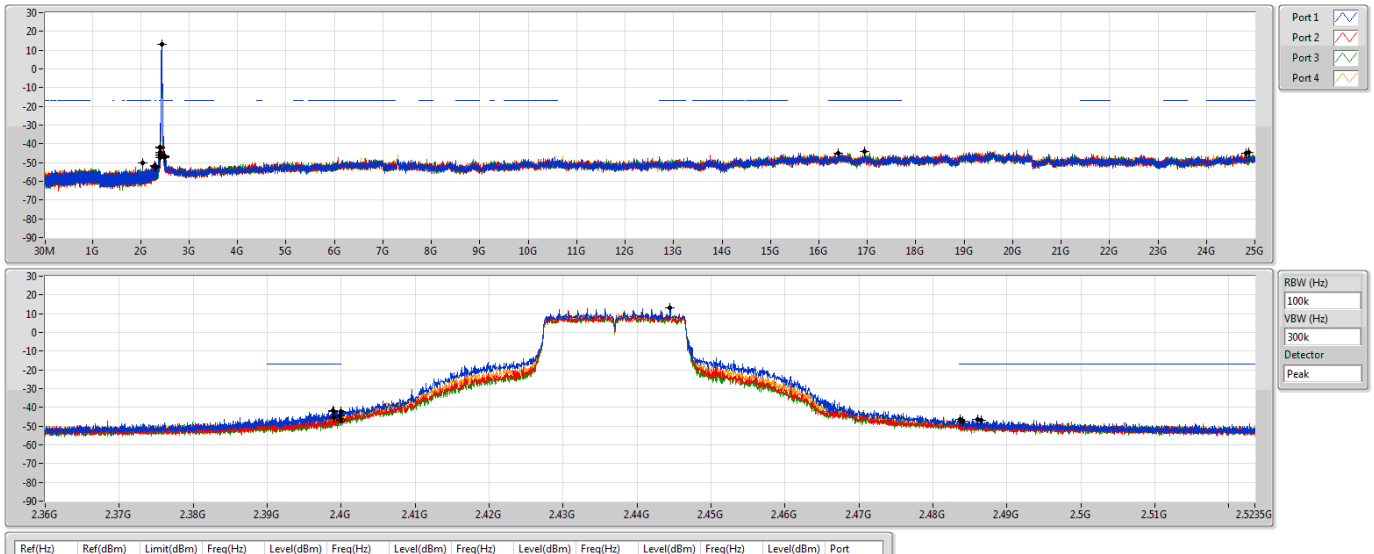
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44446G	13.04	-16.96	814.05M	-52.88	2.3999G	-42.40	2.4G	-44.22	2.49086G	-51.71	16.54603G	-44.90	1
2.44446G	13.04	-16.96	814.92M	-53.24	2.39996G	-43.07	2.4G	-44.60	2.51398G	-51.98	24.78928G	-45.35	2
2.44446G	13.04	-16.96	829.77M	-53.62	2.4G	-45.43	2.4G	-44.12	2.50756G	-52.08	16.45331G	-44.14	3
2.44446G	13.04	-16.96	919.48M	-53.85	2.3999G	-42.83	2.4G	-44.11	2.4878G	-52.15	24.39875G	-44.88	4

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

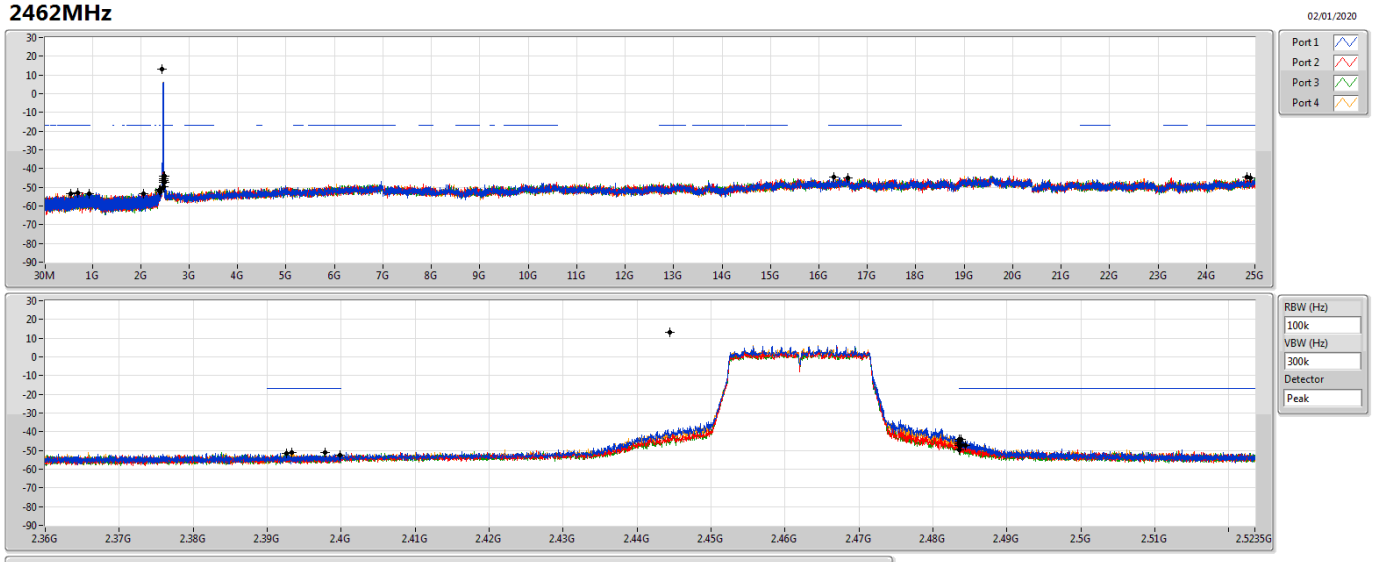
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44446G	13.04	-16.96	2.30088G	-52.01	2.39894G	-41.62	2.4G	-42.29	2.48606G	-46.38	16.39431G	-44.94	1
2.44446G	13.04	-16.96	2.03089G	-50.07	2.39982G	-44.65	2.4G	-46.56	2.48646G	-46.82	24.82019G	-44.78	2
2.44446G	13.04	-16.96	2.30204G	-51.79	2.399G	-45.70	2.4G	-47.12	2.48366G	-46.45	16.94779G	-44.18	3
2.44446G	13.04	-16.96	2.30466G	-52.65	2.399G	-42.08	2.4G	-47.12	2.48398G	-47.23	24.87357G	-44.56	4

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

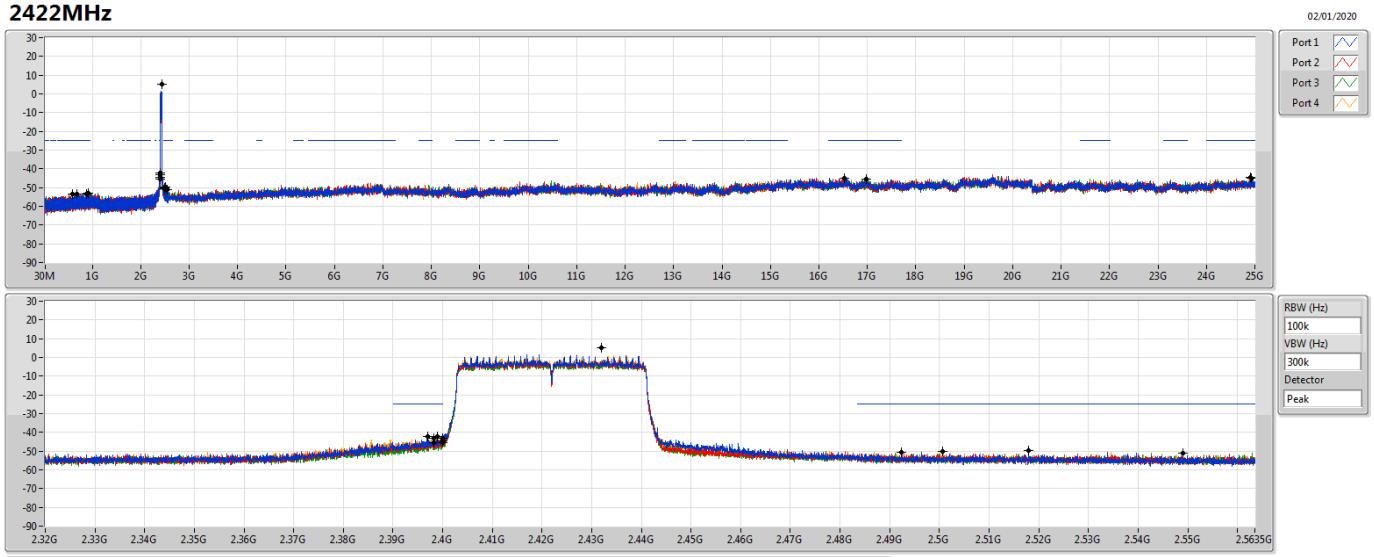
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44446G	13.04	-16.96	553.09M	-53.30	2.39266G	-51.43	2.4835G	-46.58	2.4838G	-43.99	24.83143G	-44.61	1
2.44446G	13.04	-16.96	708.9M	-52.77	2.3998G	-52.28	2.4835G	-47.15	2.48376G	-47.38	16.59941G	-44.85	2
2.44446G	13.04	-16.96	2.05186G	-53.34	2.39336G	-51.24	2.4835G	-49.46	2.48438G	-47.52	16.30721G	-44.31	3
2.44446G	13.04	-16.96	928.51M	-53.45	2.39782G	-51.31	2.4835G	-45.58	2.48352G	-43.92	24.9129G	-45.19	4

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

2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43194G	5.25	-24.75	909.07M	-52.79	2.397G	-42.40	2.4G	-45.33	2.51802G	-49.69	24.91306G	-44.76	1
2.43194G	5.25	-24.75	879.3M	-53.38	2.39824G	-43.14	2.4G	-44.56	2.49238G	-50.73	16.97334G	-45.26	2
2.43194G	5.25	-24.75	685.8M	-53.28	2.39828G	-45.35	2.4G	-45.69	2.5491G	-51.07	24.92708G	-44.94	3
2.43194G	5.25	-24.75	594.77M	-53.60	2.39892G	-42.07	2.4G	-43.34	2.50062G	-50.14	16.52461G	-44.97	4

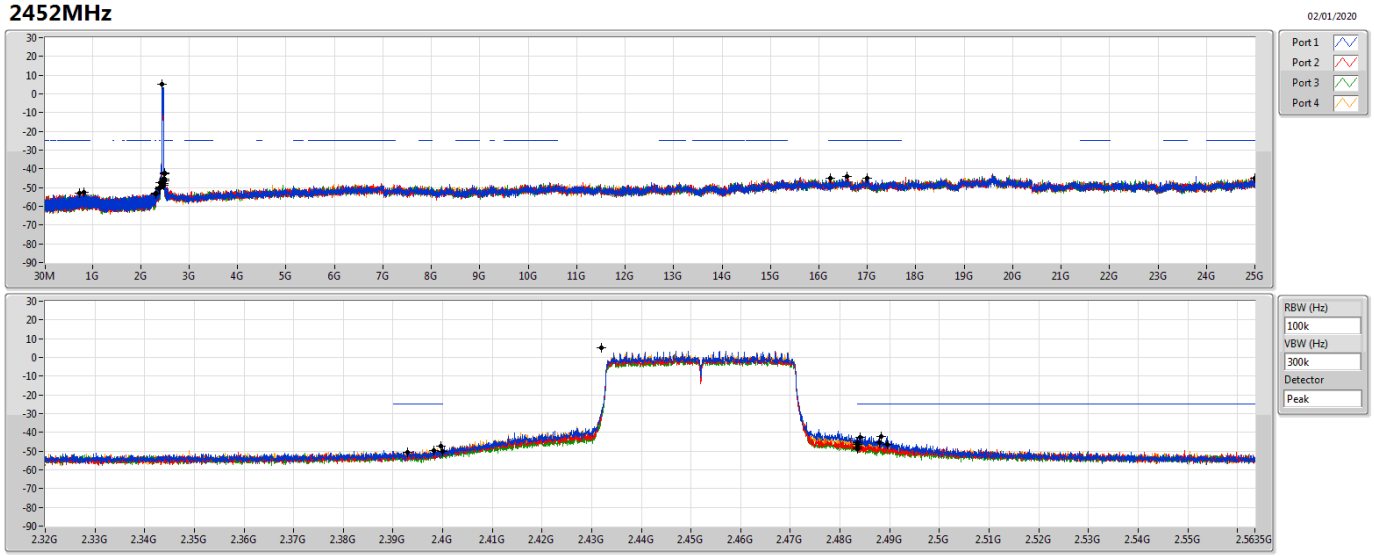
802.11ax HEW40_Nss1,(MCS0)_4TX **CSE NdB**

2437MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43194G	5.25	-24.75	2.3054G	-52.67	2.39956G	-37.05	2.4G	-41.17	2.48394G	-45.64	16.29744G	-44.60	1
2.43194G	5.25	-24.75	2.30512G	-52.60	2.39952G	-38.69	2.4G	-43.11	2.4911G	-47.07	24.71393G	-44.91	2
2.43194G	5.25	-24.75	2.30683G	-53.22	2.39952G	-39.25	2.4G	-43.01	2.48358G	-48.28	16.92006G	-44.98	3
2.43194G	5.25	-24.75	2.18346G	-53.20	2.39824G	-36.35	2.4G	-40.94	2.48822G	-46.71	16.41243G	-45.60	4

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

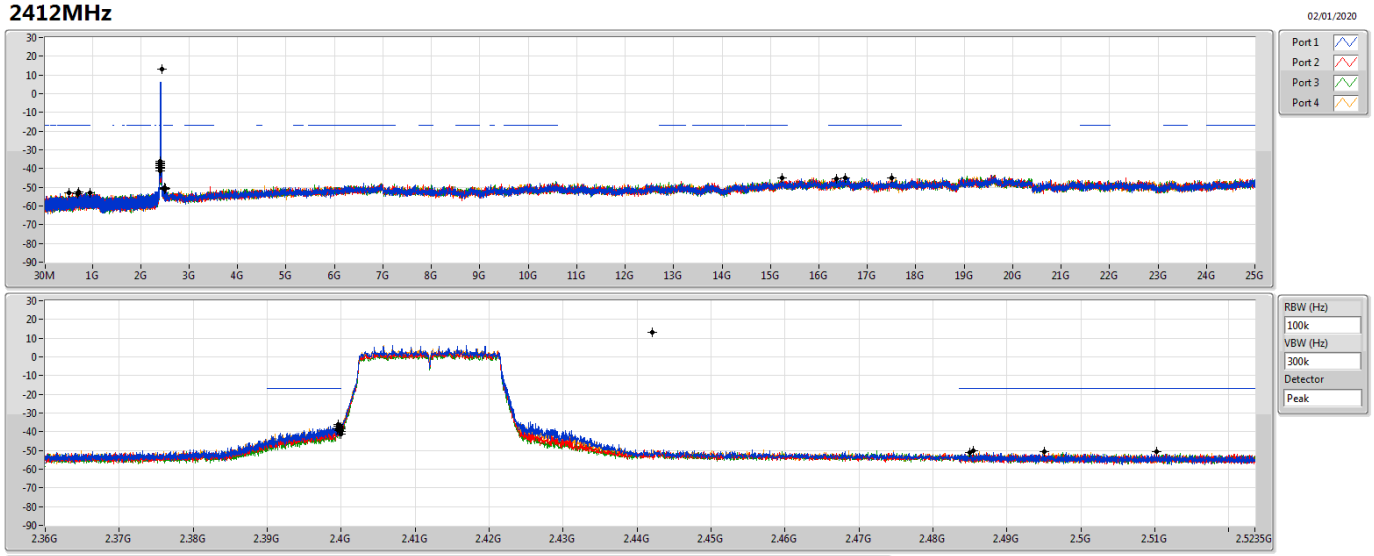
2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43194G	5.25	-24.75	830.36M	-52.33	2.39816G	-49.47	2.4835G	-45.37	2.48822G	-42.02	16.24135G	-44.93	1
2.43194G	5.25	-24.75	745.05M	-52.80	2.39992G	-50.12	2.4835G	-47.79	2.48794G	-45.48	16.58912G	-43.95	2
2.43194G	5.25	-24.75	2.30741G	-53.66	2.39284G	-50.65	2.4835G	-48.91	2.48946G	-46.30	24.99159G	-45.18	3
2.43194G	5.25	-24.75	2.3034G	-52.94	2.39964G	-47.51	2.4835G	-46.58	2.4841G	-42.72	17.00419G	-45.13	4

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

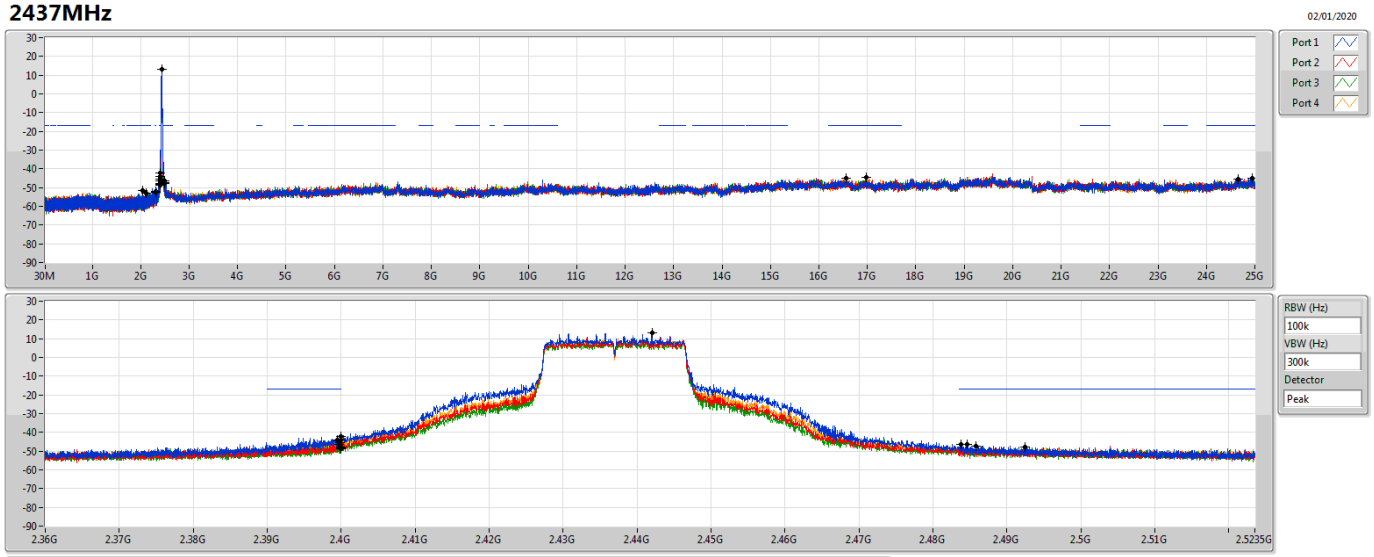
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	13.02	-16.98	947.44M	-53.02	2.39964G	-36.25	2.4G	-38.49	2.495G	-50.75	15.24801G	-44.97	1
2.442G	13.02	-16.98	710.65M	-52.35	2.39946G	-38.41	2.4G	-39.69	2.48496G	-51.11	17.50128G	-45.03	2
2.442G	13.02	-16.98	708.9M	-53.40	2.39972G	-39.48	2.4G	-41.22	2.51024G	-50.71	16.54322G	-44.95	3
2.442G	13.02	-16.98	510.27M	-53.18	2.39962G	-37.07	2.4G	-37.37	2.48546G	-50.21	16.36621G	-45.38	4

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

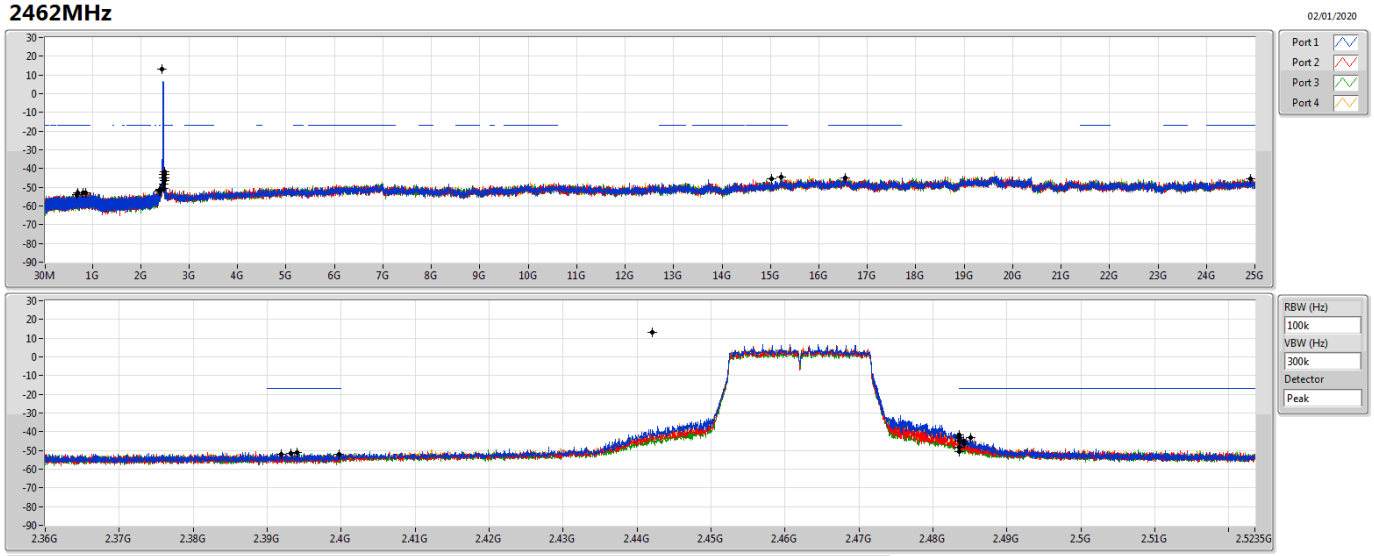
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	13.02	-16.98	2.30466G	-51.93	2.4G	-41.99	2.4G	-44.04	2.48458G	-46.28	24.6488G	-45.26	1
2.442G	13.02	-16.98	2.10399G	-52.83	2.39984G	-45.56	2.4G	-48.23	2.48384G	-46.29	24.93819G	-45.18	2
2.442G	13.02	-16.98	2.30845G	-52.35	2.39976G	-46.29	2.4G	-47.89	2.49238G	-48.01	16.97589G	-44.55	3
2.442G	13.02	-16.98	2.03089G	-51.39	2.39948G	-44.12	2.4G	-48.54	2.48576G	-47.52	16.56007G	-44.87	4

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

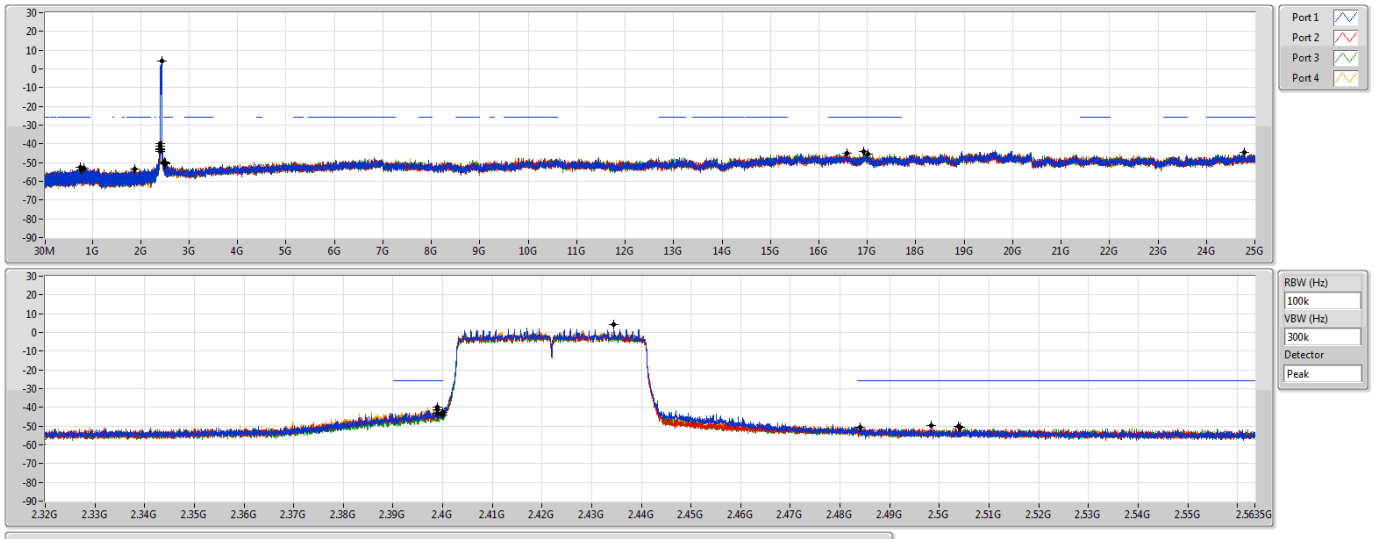
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.442G	13.02	-16.98	705.41M	-52.76	2.39314G	-51.44	2.4835G	-42.93	2.48356G	-41.81	15.02043G	-45.57	1
2.442G	13.02	-16.98	805.89M	-53.15	2.39194G	-52.12	2.4835G	-48.38	2.48418G	-45.09	15.22553G	-44.51	2
2.442G	13.02	-16.98	674.54M	-53.70	2.39402G	-50.95	2.4835G	-50.42	2.48422G	-46.36	24.91009G	-45.56	3
2.442G	13.02	-16.98	860.94M	-52.91	2.39972G	-52.13	2.4835G	-44.89	2.48504G	-43.05	16.5376G	-44.93	4

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

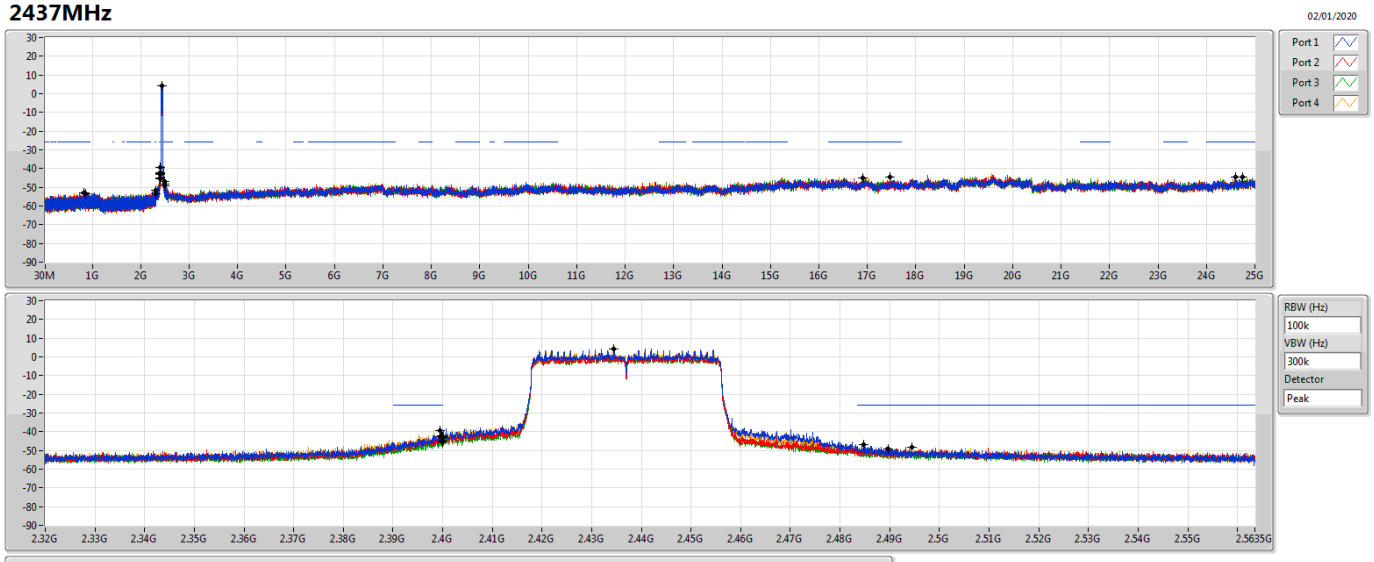
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	4.23	-25.77	1.88175G	-53.32	2.39888G	-39.65	2.4G	-44.19	2.49826G	-49.46	17.02102G	-45.29	1
2.43449G	4.23	-25.77	832.93M	-52.92	2.39888G	-41.15	2.4G	-42.74	2.50414G	-50.69	24.78405G	-44.66	2
2.43449G	4.23	-25.77	753.93M	-52.52	2.39888G	-43.06	2.4G	-42.74	2.50378G	-50.06	16.58631G	-45.13	3
2.43449G	4.23	-25.77	778.83M	-53.74	2.39888G	-39.70	2.4G	-43.99	2.4841G	-50.47	16.92286G	-44.09	4

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

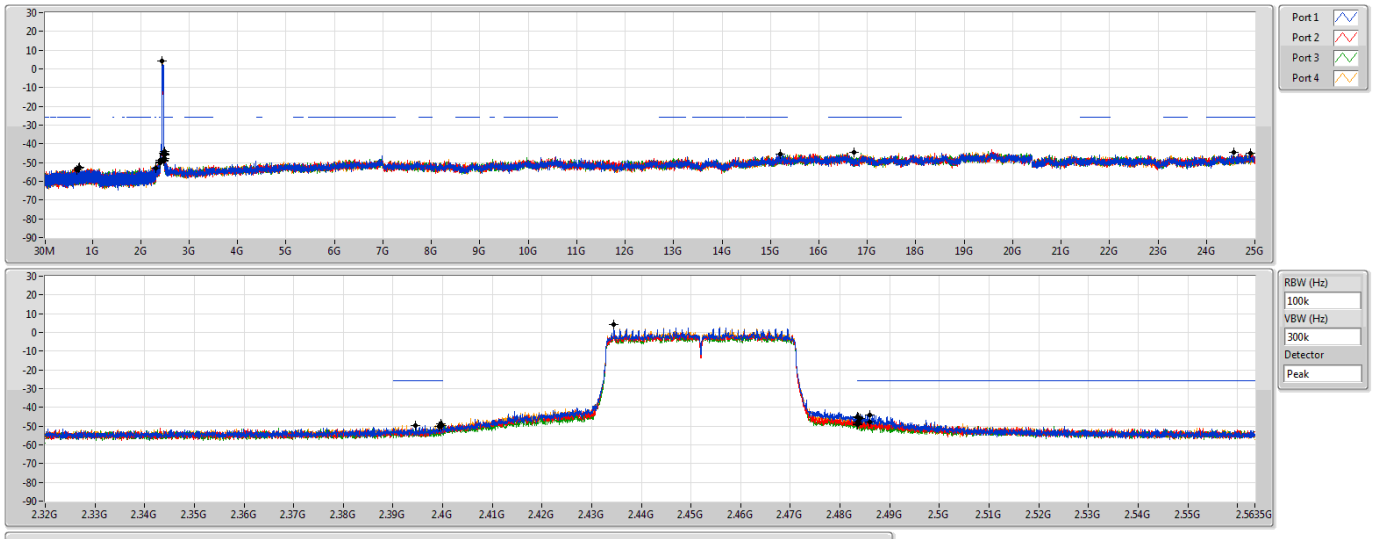
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	4.23	-25.77	2.30283G	-53.34	2.39952G	-39.42	2.4G	-42.98	2.48482G	-46.67	17.47536G	-44.75	1
2.43449G	4.23	-25.77	2.30941G	-51.62	2.39984G	-42.08	2.4G	-44.94	2.49446G	-48.48	24.60456G	-44.55	2
2.43449G	4.23	-25.77	866.42M	-53.54	2.39948G	-42.56	2.4G	-45.45	2.4897G	-49.19	16.90884G	-44.98	3
2.43449G	4.23	-25.77	819.76M	-53.20	2.39948G	-39.17	2.4G	-42.74	2.4945G	-48.17	24.74759G	-44.48	4

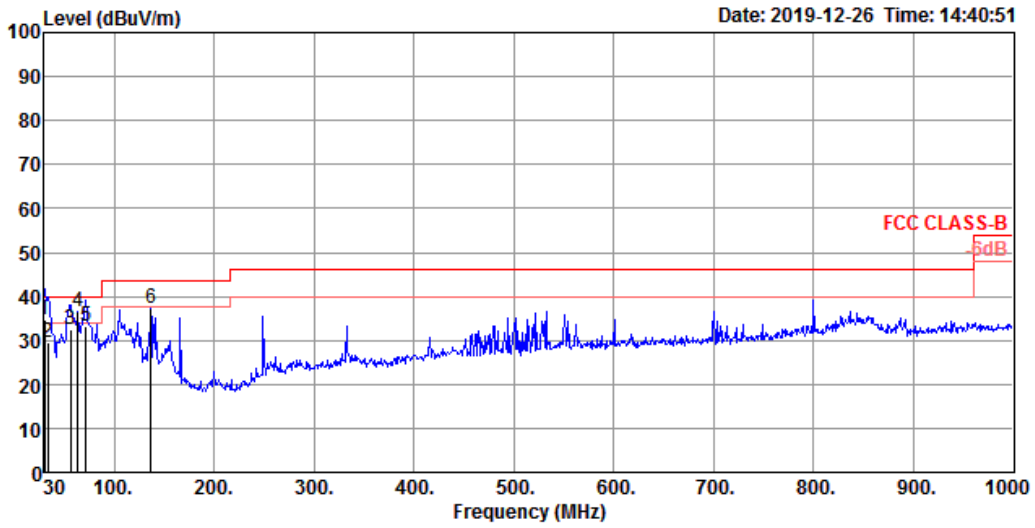
802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSE NdB**

2452MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43449G	4.23	-25.77	2.30855G	-52.77	2.39452G	-49.67	2.4835G	-44.93	2.48598G	-43.97	15.19525G	-45.30	1
2.43449G	4.23	-25.77	721.29M	-52.79	2.3996G	-48.76	2.4835G	-48.79	2.4841G	-45.82	24.55688G	-44.32	2
2.43449G	4.23	-25.77	689.23M	-53.75	2.39932G	-50.38	2.4835G	-49.10	2.48594G	-47.99	24.90745G	-44.94	3
2.43449G	4.23	-25.77	735.03M	-52.67	2.39976G	-49.51	2.4835G	-47.63	2.48366G	-45.38	16.71813G	-44.61	4

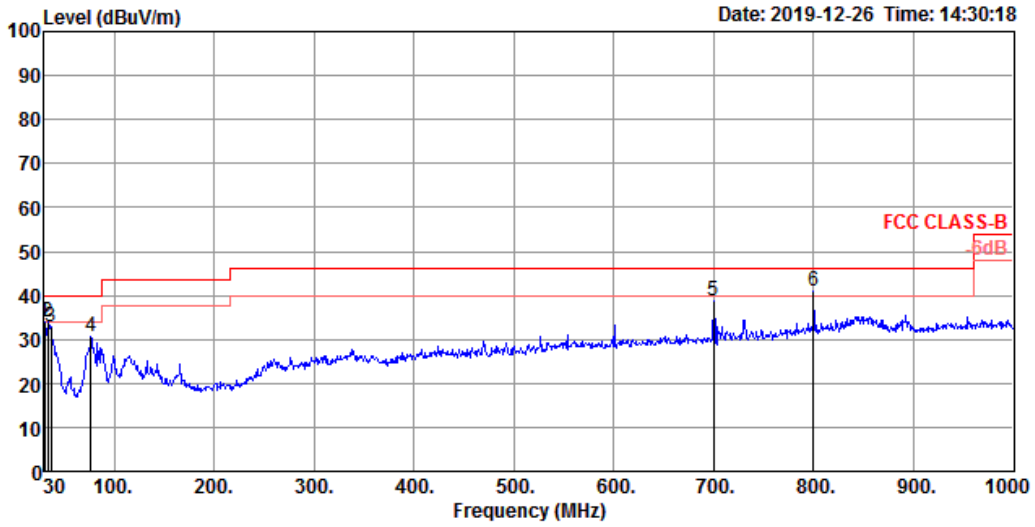
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	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	30.00	34.63	40.00	-5.37	38.20	0.60	24.40	28.57	100	218	QP	VERTICAL
2	33.88	29.57	40.00	-10.43	35.00	0.60	22.54	28.57	125	347	QP	VERTICAL
3	56.19	32.47	40.00	-7.53	47.90	0.50	12.61	28.54	100	353	QP	VERTICAL
4	63.95	36.55	40.00	-3.45	52.31	0.58	12.19	28.53	200	52	Peak	VERTICAL
5	71.71	33.12	40.00	-6.88	48.79	0.64	12.20	28.51	131	162	QP	VERTICAL
6	136.70	37.32	43.50	-6.18	47.17	0.99	17.47	28.31	150	336	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	30.00	33.90	40.00	-6.10	37.47	0.60	24.40	28.57	300	6	Peak	HORIZONTAL
2	33.88	34.10	40.00	-5.90	39.53	0.60	22.54	28.57	100	333	Peak	HORIZONTAL
3	36.79	32.71	40.00	-7.29	39.90	0.60	20.78	28.57	200	327	Peak	HORIZONTAL
4	76.56	30.70	40.00	-9.30	45.86	0.70	12.64	28.50	200	72	Peak	HORIZONTAL
5	700.27	38.74	46.00	-7.26	40.14	2.90	25.17	29.47	100	105	Peak	HORIZONTAL
6	800.18	40.82	46.00	-5.18	41.09	3.00	26.07	29.34	100	94	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.)

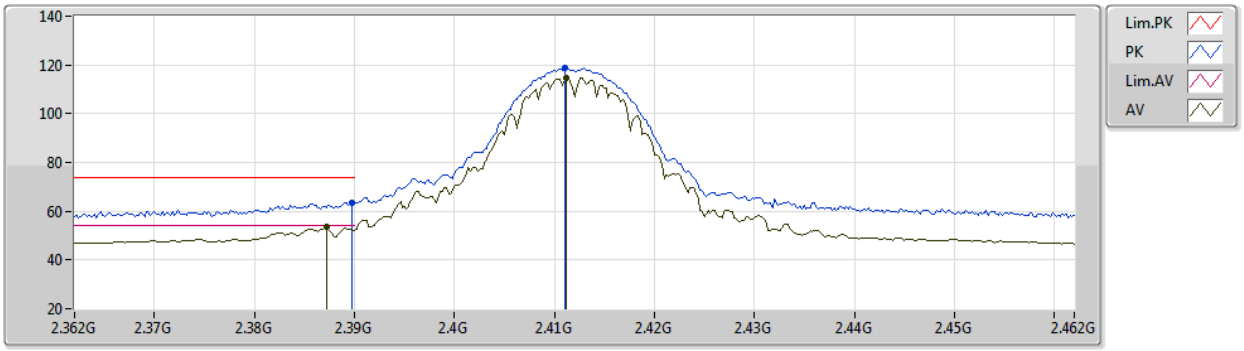
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	AV	2.4848G	53.97	54.00	-0.03	3	Vertical	285	2.02	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

24/12/2019



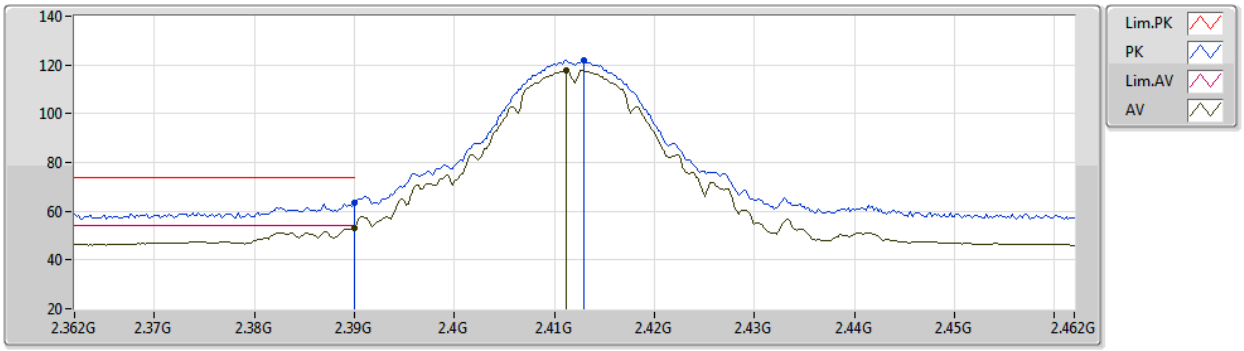
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.65	74.00	-10.35	33.44	3	Vertical	83	2.35	-	27.51	2.70	-
AV	2.3872G	53.79	54.00	-0.21	23.58	3	Vertical	83	2.35	-	27.51	2.70	-
PK	2.411G	118.94	Inf	-Inf	88.70	3	Vertical	83	2.35	-	27.54	2.70	-
AV	2.4112G	114.85	Inf	-Inf	84.61	3	Vertical	83	2.35	-	27.54	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

24/12/2019



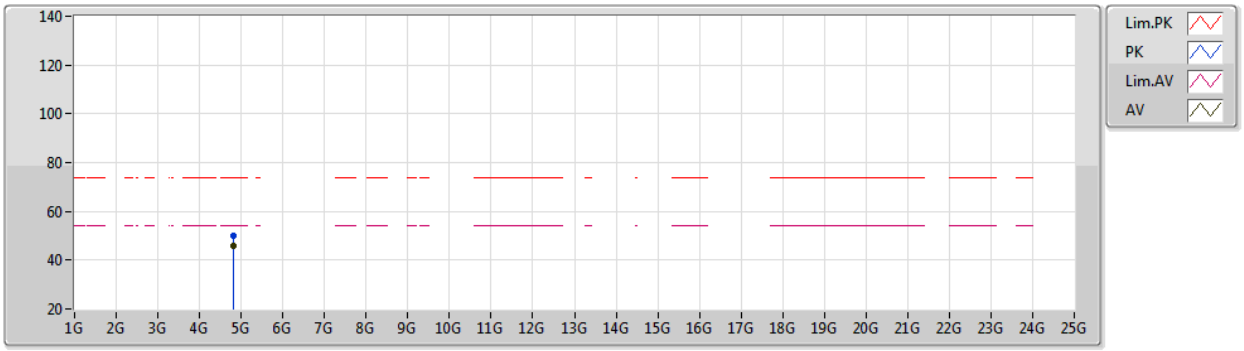
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	63.26	74.00	-10.74	33.05	3	Horizontal	26	1.43	-	27.51	2.70	-
AV	2.39G	53.05	54.00	-0.95	22.84	3	Horizontal	26	1.43	-	27.51	2.70	-
PK	2.413G	121.70	Inf	-Inf	91.45	3	Horizontal	26	1.43	-	27.55	2.70	-
AV	2.4112G	117.97	Inf	-Inf	87.73	3	Horizontal	26	1.43	-	27.54	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

24/12/2019



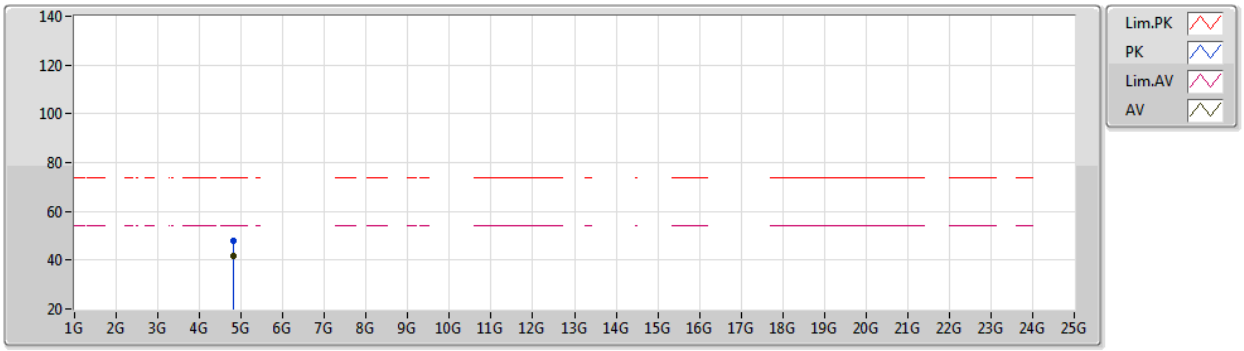
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.824G	49.87	74.00	-24.13	46.36	3	Vertical	279	1.76	-	32.60	4.54	33.63
AV	4.824G	45.61	54.00	-8.39	42.10	3	Vertical	279	1.76	-	32.60	4.54	33.63

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

24/12/2019



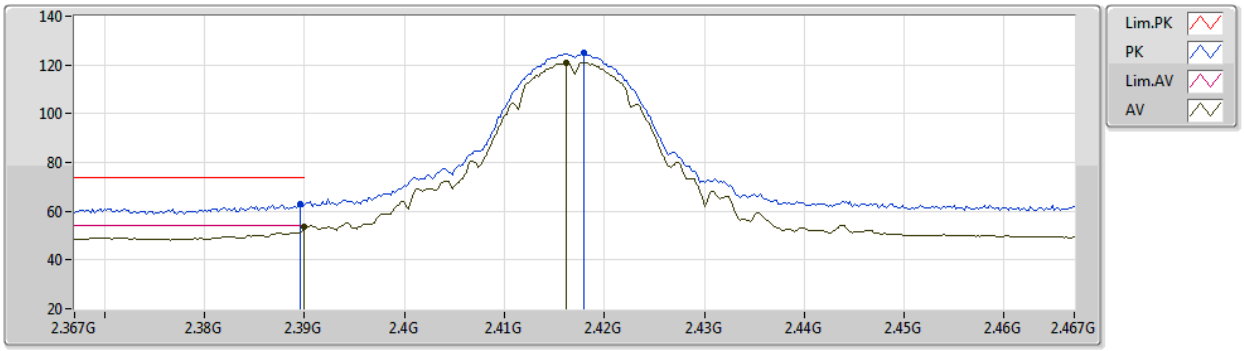
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.824G	47.96	74.00	-26.04	44.45	3	Horizontal	150	1.65	-	32.60	4.54	33.63
AV	4.824G	41.92	54.00	-12.08	38.41	3	Horizontal	150	1.65	-	32.60	4.54	33.63

802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

24/12/2019



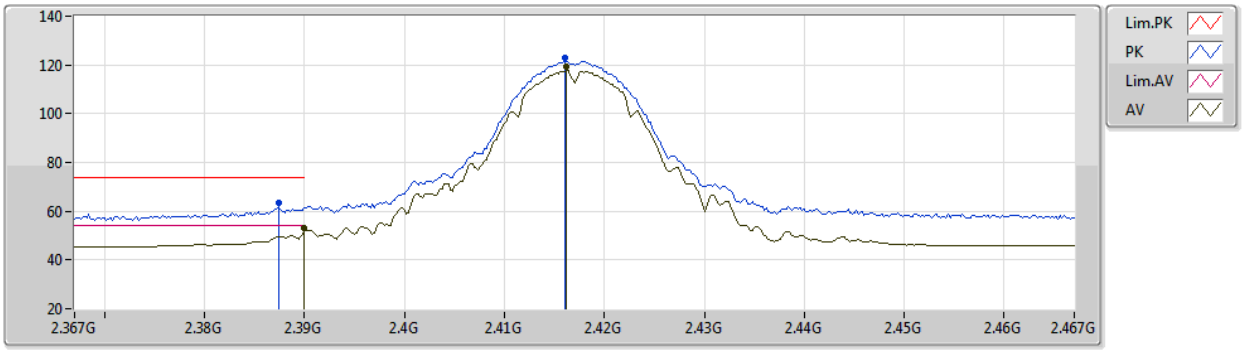
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	63.15	74.00	-10.85	32.94	3	Vertical	60	2.11	-	27.51	2.70	-
AV	2.39G	53.76	54.00	-0.24	23.55	3	Vertical	60	2.11	-	27.51	2.70	-
PK	2.418G	124.82	Inf	-Inf	94.55	3	Vertical	60	2.11	-	27.57	2.70	-
AV	2.4162G	121.11	Inf	-Inf	90.85	3	Vertical	60	2.11	-	27.56	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2417MHz_TX

24/12/2019



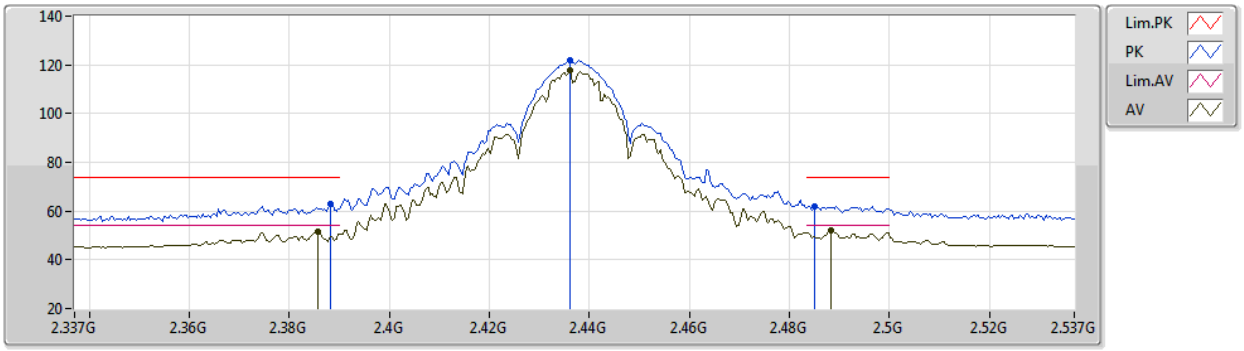
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	63.70	74.00	-10.30	31.84	3	Horizontal	329	1.75	-	28.27	3.59	-
AV	2.39G	53.35	54.00	-0.65	21.47	3	Horizontal	329	1.75	-	28.28	3.60	-
PK	2.416G	123.18	Inf	-Inf	91.21	3	Horizontal	329	1.75	-	28.35	3.62	-
AV	2.4162G	119.41	Inf	-Inf	87.44	3	Horizontal	329	1.75	-	28.35	3.62	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

24/12/2019



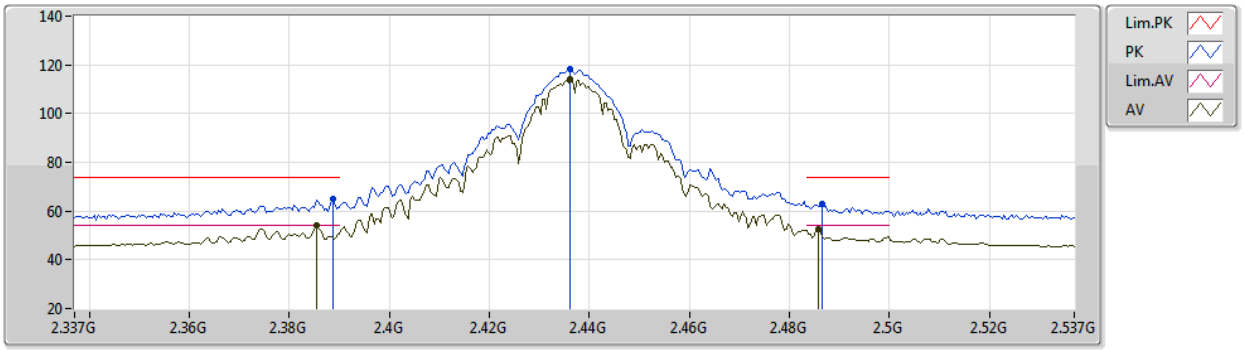
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	63.15	74.00	-10.85	32.94	3	Vertical	61	1.85	-	27.51	2.70	-
AV	2.3858G	51.74	54.00	-2.26	21.53	3	Vertical	61	1.85	-	27.51	2.70	-
PK	2.4362G	121.69	Inf	-Inf	91.35	3	Vertical	61	1.85	-	27.64	2.70	-
AV	2.4362G	117.77	Inf	-Inf	87.43	3	Vertical	61	1.85	-	27.64	2.70	-
PK	2.485G	62.15	74.00	-11.85	31.61	3	Vertical	61	1.85	-	27.84	2.70	-
AV	2.4882G	51.98	54.00	-2.02	21.43	3	Vertical	61	1.85	-	27.85	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

24/12/2019



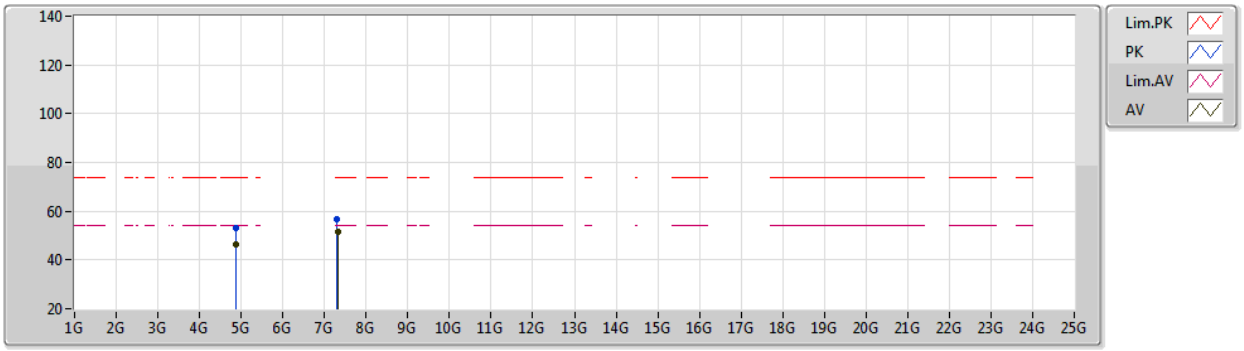
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	65.05	74.00	-8.95	34.84	3	Horizontal	48	1.74	-	27.51	2.70	-
AV	2.3854G	53.88	54.00	-0.12	23.67	3	Horizontal	48	1.74	-	27.51	2.70	-
PK	2.4362G	118.05	Inf	-Inf	87.71	3	Horizontal	48	1.74	-	27.64	2.70	-
AV	2.4362G	114.10	Inf	-Inf	83.76	3	Horizontal	48	1.74	-	27.64	2.70	-
PK	2.4866G	62.78	74.00	-11.22	32.23	3	Horizontal	48	1.74	-	27.85	2.70	-
AV	2.4858G	52.66	54.00	-1.34	22.12	3	Horizontal	48	1.74	-	27.84	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

24/12/2019



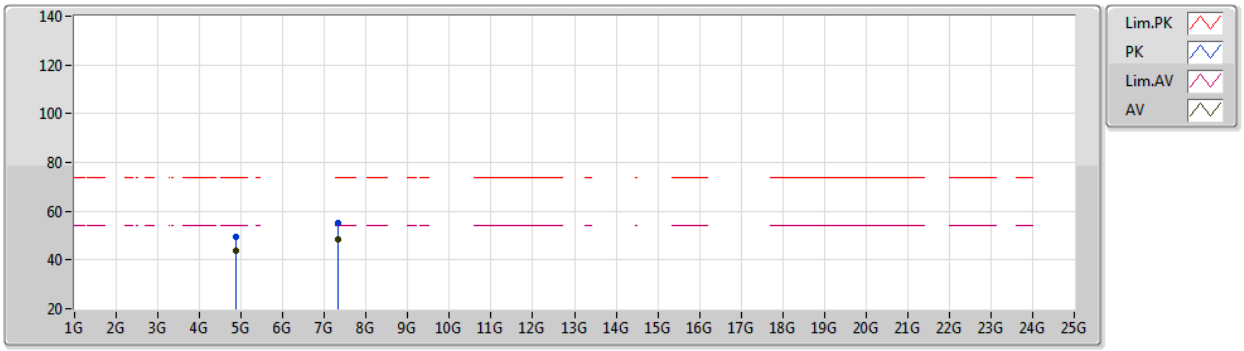
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.874G	53.00	74.00	-21.00	49.20	3	Vertical	255	1.80	-	32.80	4.61	33.61
AV	4.874G	46.42	54.00	-7.58	42.62	3	Vertical	255	1.80	-	32.80	4.61	33.61
PK	7.31G	56.73	74.00	-17.27	47.68	3	Vertical	218	1.38	-	37.51	5.50	33.96
AV	7.31172G	51.40	54.00	-2.60	42.34	3	Vertical	218	1.38	-	37.51	5.51	33.96

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

24/12/2019



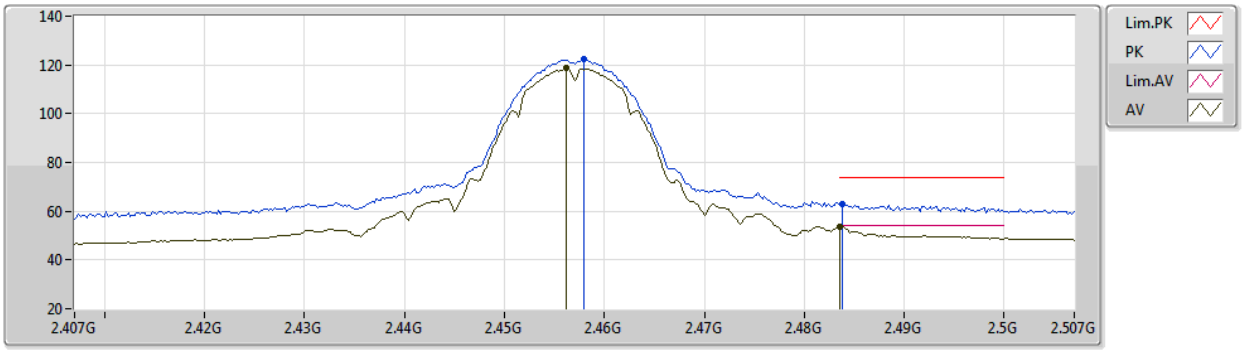
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.874G	49.69	74.00	-24.31	45.89	3	Horizontal	190	1.42	-	32.80	4.61	33.61
AV	4.874G	43.66	54.00	-10.34	39.86	3	Horizontal	190	1.42	-	32.80	4.61	33.61
PK	7.31196G	54.95	74.00	-19.05	45.89	3	Horizontal	265	1.80	-	37.51	5.51	33.96
AV	7.31176G	48.40	54.00	-5.60	39.34	3	Horizontal	265	1.80	-	37.51	5.51	33.96

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

24/12/2019



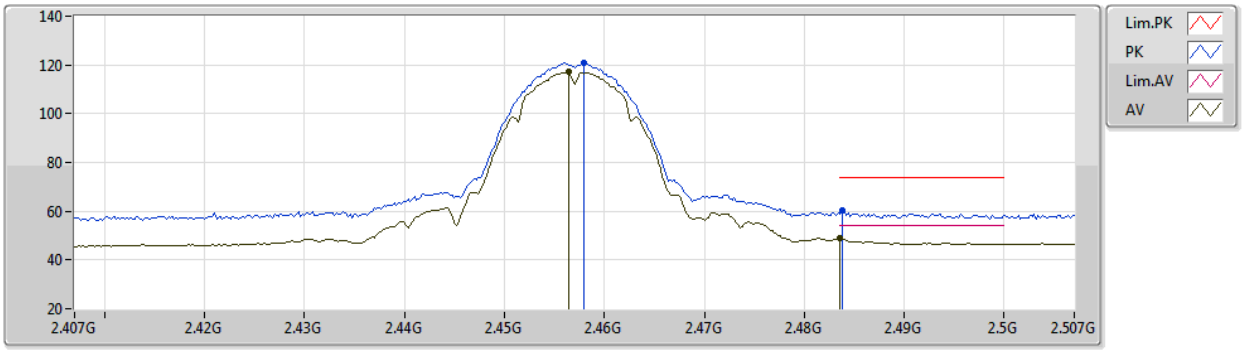
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.458G	122.29	Inf	-Inf	91.86	3	Vertical	268	1.99	-	27.73	2.70	-
AV	2.4562G	118.66	Inf	-Inf	88.24	3	Vertical	268	1.99	-	27.72	2.70	-
PK	2.4838G	63.02	74.00	-10.98	32.48	3	Vertical	268	1.99	-	27.84	2.70	-
AV	2.4836G	53.84	54.00	-0.16	23.31	3	Vertical	268	1.99	-	27.83	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

24/12/2019



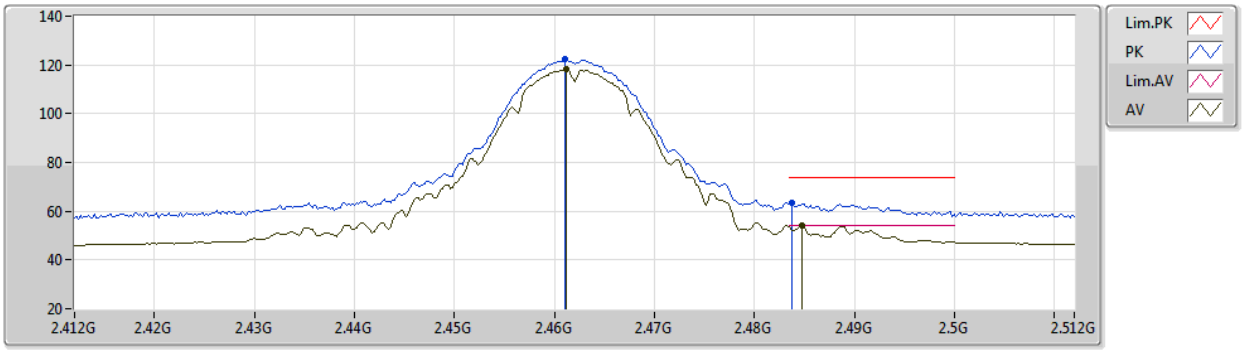
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.458G	120.78	Inf	-Inf	90.35	3	Horizontal	45	1.67	-	27.73	2.70	-
AV	2.4564G	117.16	Inf	-Inf	86.73	3	Horizontal	45	1.67	-	27.73	2.70	-
PK	2.4838G	60.13	74.00	-13.87	29.59	3	Horizontal	45	1.67	-	27.84	2.70	-
AV	2.4836G	48.74	54.00	-5.26	18.21	3	Horizontal	45	1.67	-	27.83	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

24/12/2019



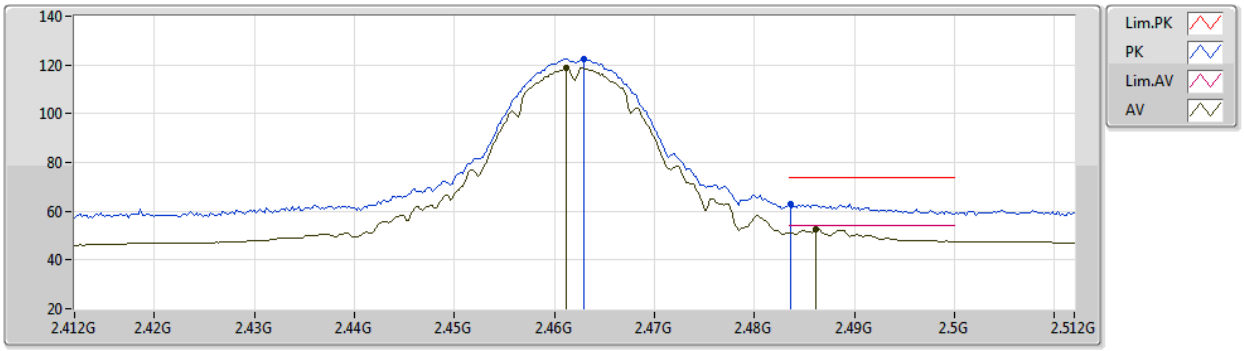
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	122.22	Inf	-Inf	91.78	3	Vertical	285	2.02	-	27.74	2.70	-
AV	2.4612G	118.43	Inf	-Inf	87.99	3	Vertical	285	2.02	-	27.74	2.70	-
PK	2.4838G	63.30	74.00	-10.70	32.76	3	Vertical	285	2.02	-	27.84	2.70	-
AV	2.4848G	53.97	54.00	-0.03	23.43	3	Vertical	285	2.02	-	27.84	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

24/12/2019



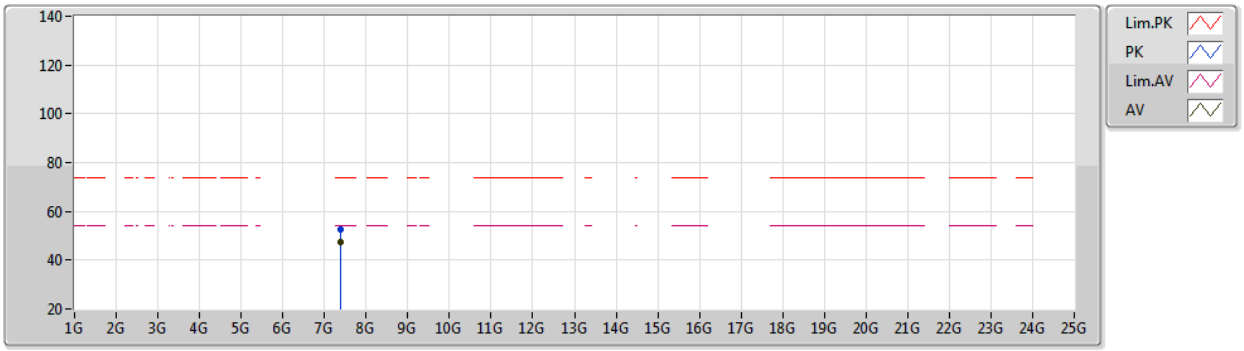
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	122.60	Inf	-Inf	92.15	3	Horizontal	82	2.13	-	27.75	2.70	-
AV	2.4612G	118.63	Inf	-Inf	88.19	3	Horizontal	82	2.13	-	27.74	2.70	-
PK	2.4836G	62.94	74.00	-11.06	32.41	3	Horizontal	82	2.13	-	27.83	2.70	-
AV	2.4862G	52.34	54.00	-1.66	21.80	3	Horizontal	82	2.13	-	27.84	2.70	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

24/12/2019



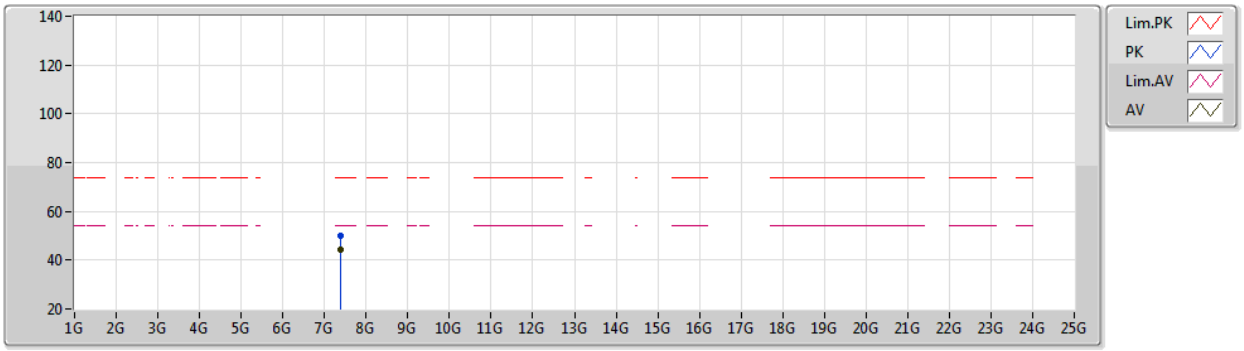
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.3845G	52.68	74.00	-21.32	43.42	3	Vertical	46	1.68	-	37.58	5.67	33.99
AV	7.38414G	47.32	54.00	-6.68	38.06	3	Vertical	46	1.68	-	37.58	5.67	33.99

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

24/12/2019



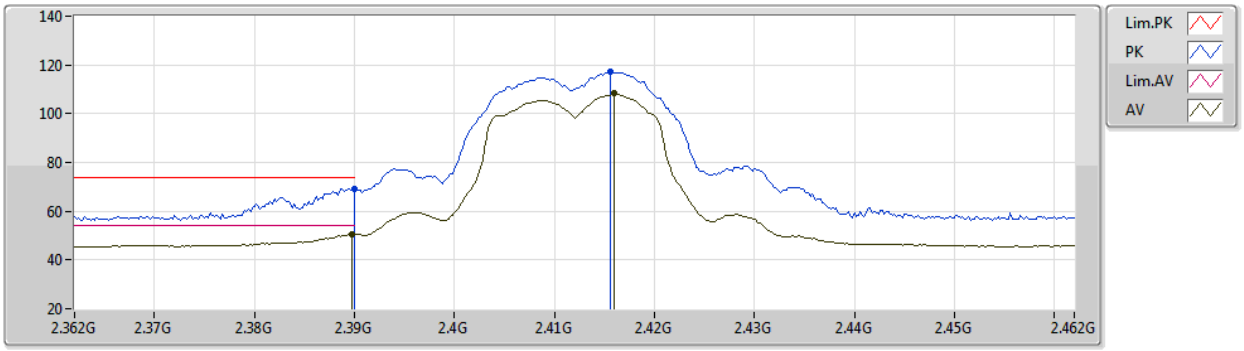
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.38544G	49.79	74.00	-24.21	40.52	3	Horizontal	268	1.79	-	37.59	5.67	33.99
AV	7.38604G	44.18	54.00	-9.82	34.91	3	Horizontal	268	1.79	-	37.59	5.67	33.99

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

24/12/2019



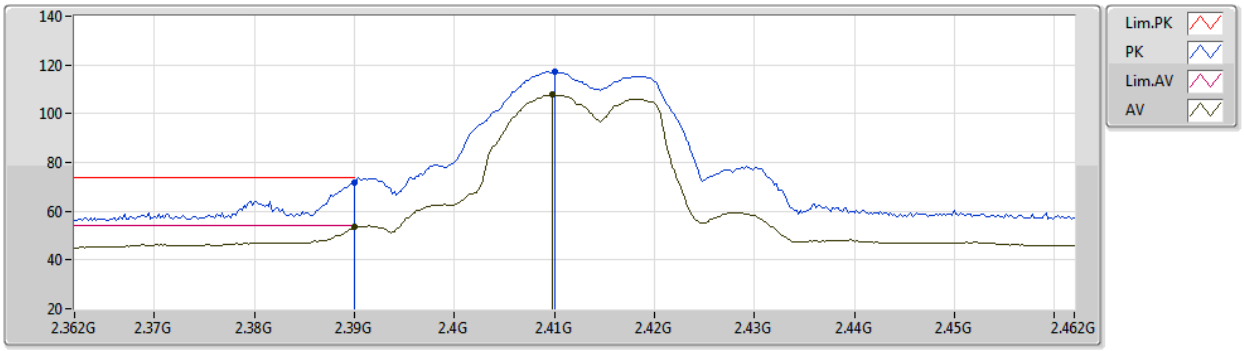
EUT Y_4TX
04-F-Z-1
with PA

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	69.17	74.00	-4.83	38.96	3	Vertical	117	1.87	-	27.51	2.70	-
AV	2.3898G	50.76	54.00	-3.24	20.55	3	Vertical	117	1.87	-	27.51	2.70	-
PK	2.4156G	117.23	Inf	-Inf	86.97	3	Vertical	117	1.87	-	27.56	2.70	-
AV	2.416G	108.21	Inf	-Inf	77.95	3	Vertical	117	1.87	-	27.56	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

24/12/2019



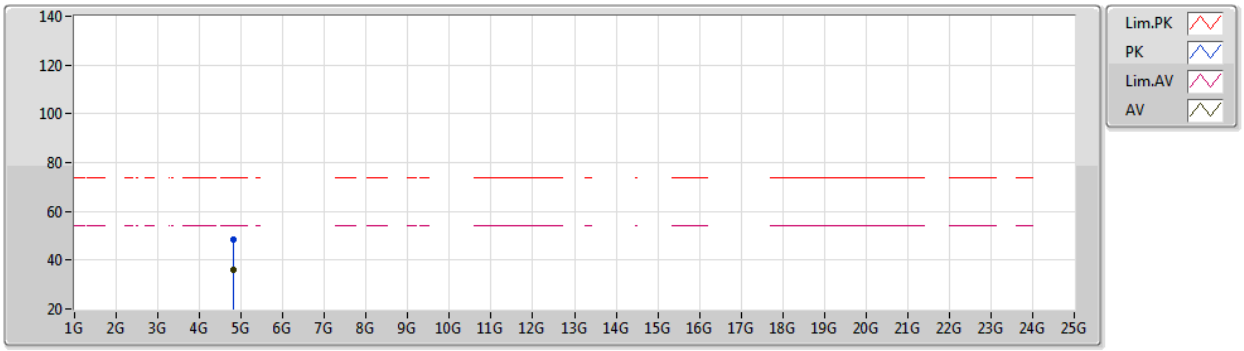
EUT Y_4TX
04-F-Z-1
with PA

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	71.70	74.00	-2.30	41.49	3	Horizontal	72	1.96	-	27.51	2.70	-
AV	2.39G	53.75	54.00	-0.25	23.54	3	Horizontal	72	1.96	-	27.51	2.70	-
PK	2.41G	117.16	Inf	-Inf	86.92	3	Horizontal	72	1.96	-	27.54	2.70	-
AV	2.4098G	107.72	Inf	-Inf	77.48	3	Horizontal	72	1.96	-	27.54	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

24/12/2019



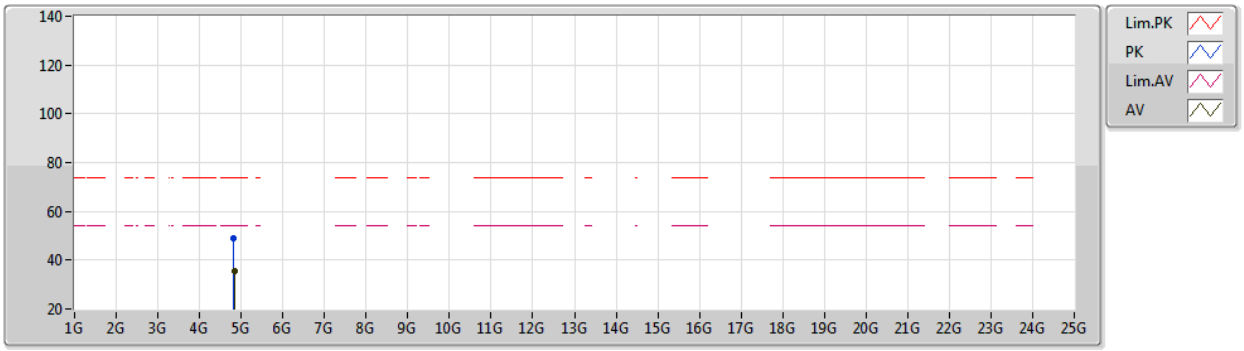
EUT Y_4TX
04-F-Z-1
with PA

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8276G	48.60	74.00	-25.40	45.08	3	Vertical	283	1.79	-	32.61	4.54	33.63
AV	4.8268G	36.03	54.00	-17.97	32.51	3	Vertical	283	1.79	-	32.61	4.54	33.63

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

24/12/2019



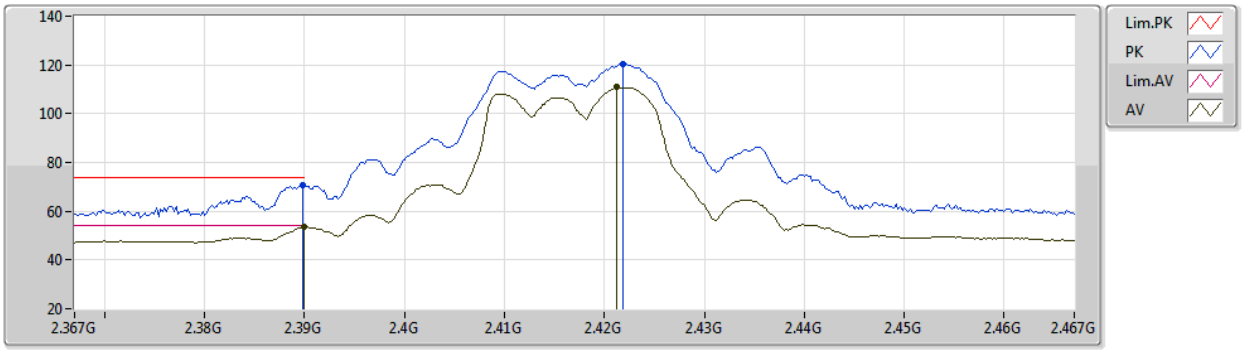
EUT Y_4TX
04-F-Z-1
with PA

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82666G	48.84	74.00	-25.16	45.32	3	Horizontal	166	2.38	-	32.61	4.54	33.63
AV	4.82892G	35.74	54.00	-18.26	32.21	3	Horizontal	166	2.38	-	32.62	4.54	33.63

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

24/12/2019



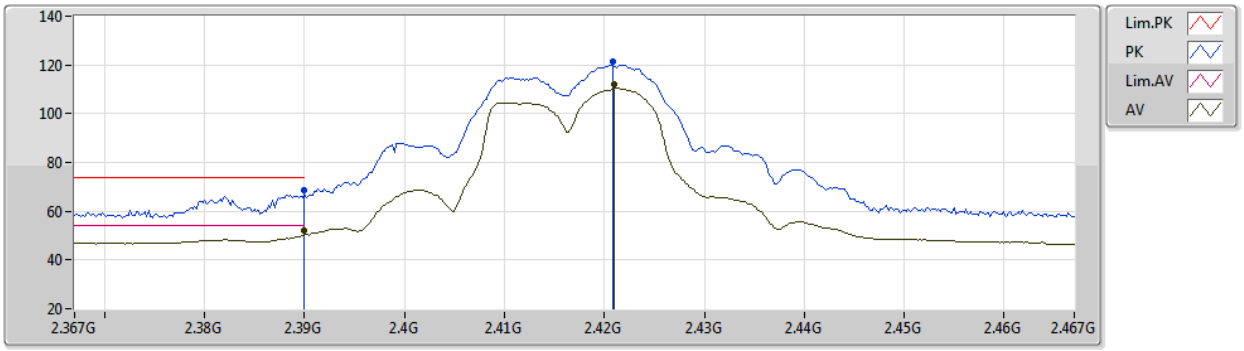
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	70.46	74.00	-3.54	40.25	3	Vertical	70	2.52	-	27.51	2.70	-
AV	2.39G	53.70	54.00	-0.30	23.49	3	Vertical	70	2.52	-	27.51	2.70	-
PK	2.4218G	120.48	Inf	-Inf	90.19	3	Vertical	70	2.52	-	27.59	2.70	-
AV	2.4212G	110.82	Inf	-Inf	80.54	3	Vertical	70	2.52	-	27.58	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

24/12/2019



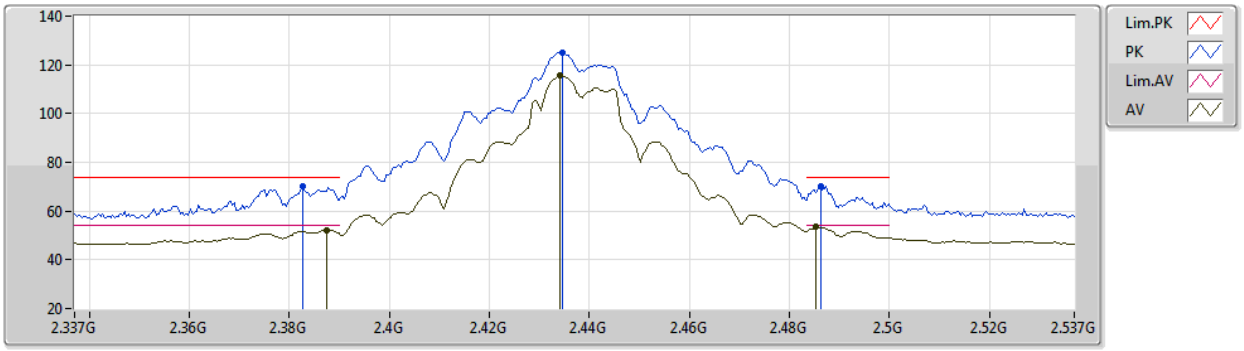
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	68.72	74.00	-5.28	36.84	3	Horizontal	52	1.49	-	28.28	3.60	-
AV	2.39G	51.84	54.00	-2.16	19.96	3	Horizontal	52	1.49	-	28.28	3.60	-
PK	2.4208G	121.47	Inf	-Inf	89.49	3	Horizontal	52	1.49	-	28.36	3.62	-
AV	2.421G	112.31	Inf	-Inf	80.33	3	Horizontal	52	1.49	-	28.36	3.62	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

24/12/2019



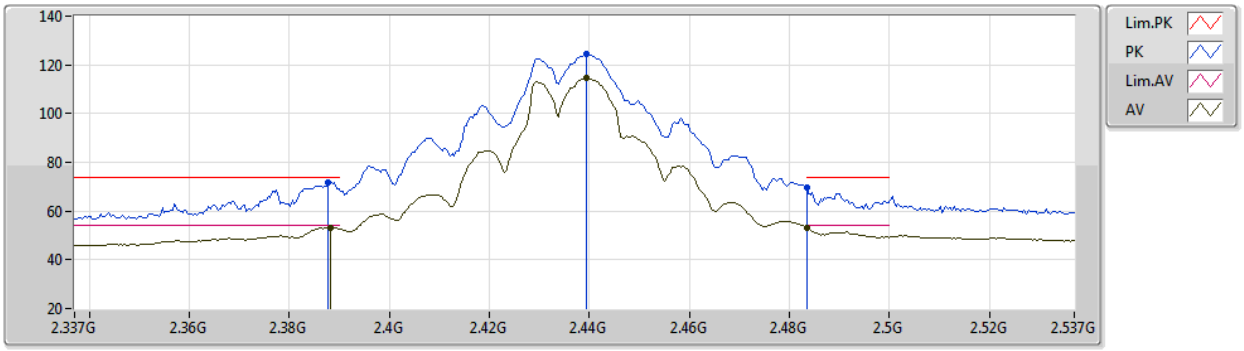
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3826G	69.93	74.00	-4.07	39.71	3	Vertical	65	1.84	-	27.52	2.70	-
AV	2.3874G	52.24	54.00	-1.76	22.03	3	Vertical	65	1.84	-	27.51	2.70	-
PK	2.4346G	125.11	Inf	-Inf	94.77	3	Vertical	65	1.84	-	27.64	2.70	-
AV	2.4342G	115.47	Inf	-Inf	85.13	3	Vertical	65	1.84	-	27.64	2.70	-
PK	2.4862G	70.26	74.00	-3.74	39.72	3	Vertical	65	1.84	-	27.84	2.70	-
AV	2.4854G	53.80	54.00	-0.20	23.26	3	Vertical	65	1.84	-	27.84	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

24/12/2019



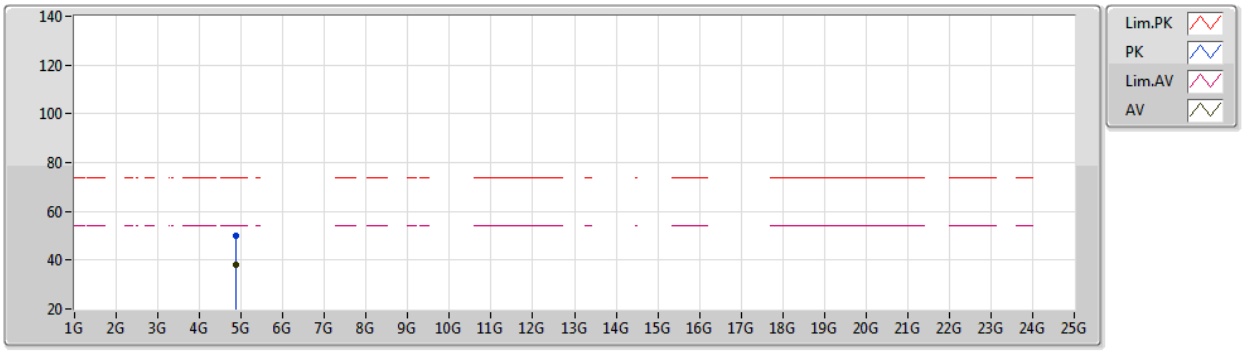
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	71.79	74.00	-2.21	41.58	3	Horizontal	72	1.80	-	27.51	2.70	-
AV	2.3882G	53.31	54.00	-0.69	23.10	3	Horizontal	72	1.80	-	27.51	2.70	-
PK	2.4394G	124.29	Inf	-Inf	93.93	3	Horizontal	72	1.80	-	27.66	2.70	-
AV	2.4394G	114.44	Inf	-Inf	84.08	3	Horizontal	72	1.80	-	27.66	2.70	-
PK	2.4835G	69.51	74.00	-4.49	38.98	3	Horizontal	72	1.80	-	27.83	2.70	-
AV	2.4835G	53.17	54.00	-0.83	22.64	3	Horizontal	72	1.80	-	27.83	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

24/12/2019



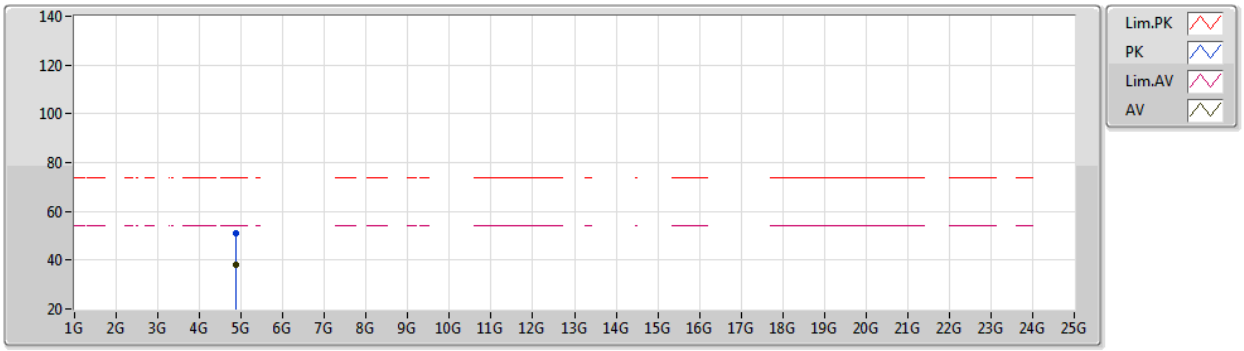
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87368G	50.08	74.00	-23.92	45.04	3	Vertical	279	1.89	-	33.65	6.36	34.97
AV	4.87548G	38.34	54.00	-15.66	33.30	3	Vertical	279	1.89	-	33.65	6.36	34.97

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

24/12/2019



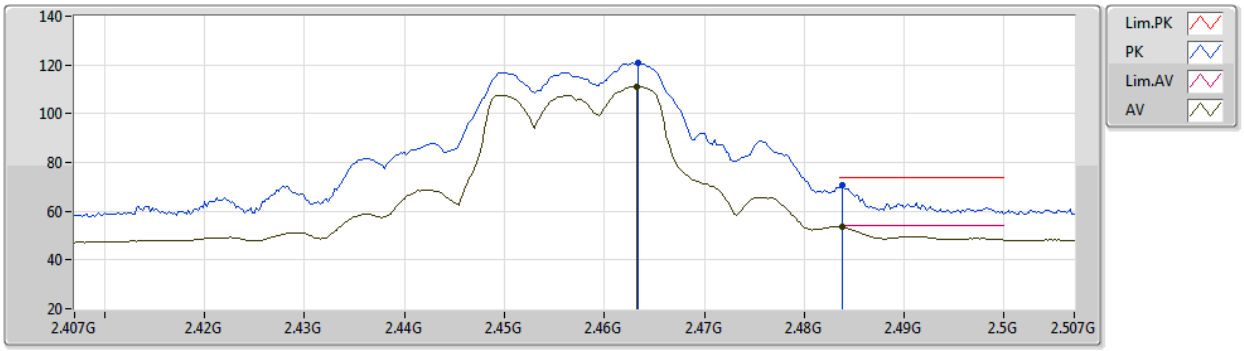
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8838G	50.99	74.00	-23.01	45.93	3	Horizontal	128	1.80	-	33.67	6.36	34.97
AV	4.8686G	38.04	54.00	-15.96	33.00	3	Horizontal	128	1.80	-	33.64	6.37	34.97

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

24/12/2019



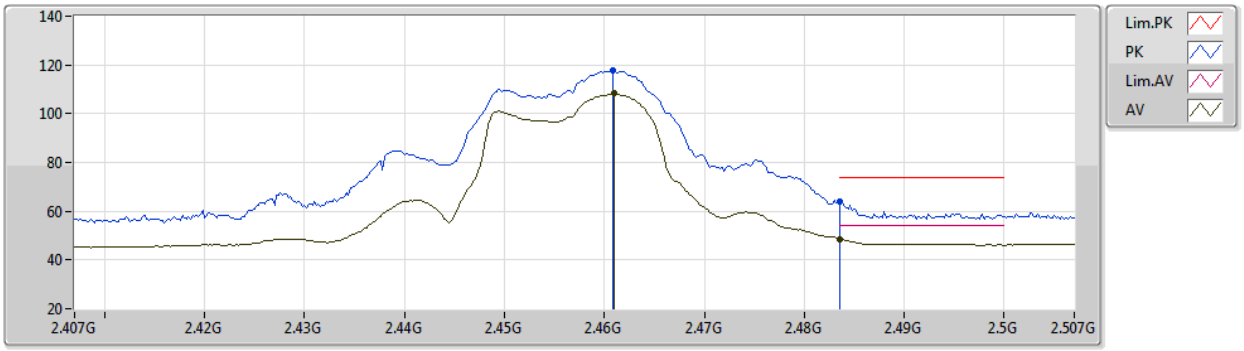
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4634G	121.00	Inf	-Inf	90.55	3	Vertical	52	2.19	-	27.75	2.70	-
AV	2.4632G	111.23	Inf	-Inf	80.78	3	Vertical	52	2.19	-	27.75	2.70	-
PK	2.4838G	70.63	74.00	-3.37	40.09	3	Vertical	52	2.19	-	27.84	2.70	-
AV	2.4838G	53.63	54.00	-0.37	23.09	3	Vertical	52	2.19	-	27.84	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

24/12/2019



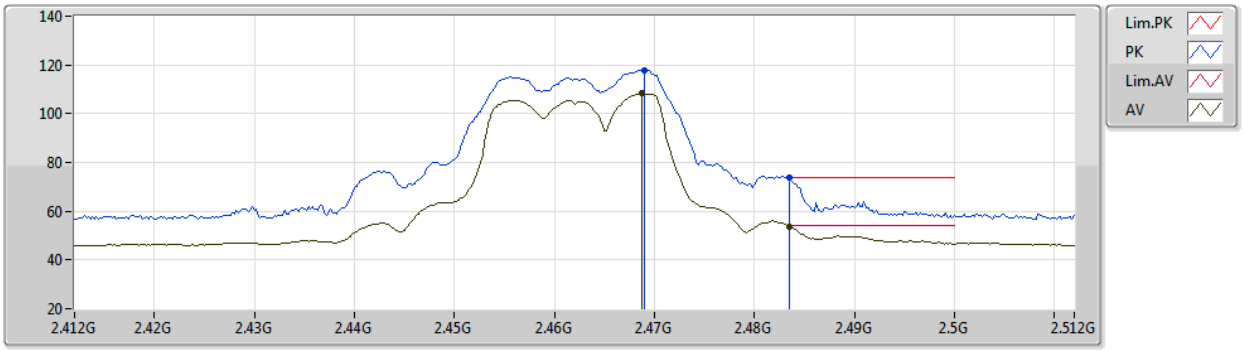
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4608G	117.58	Inf	-Inf	87.14	3	Horizontal	319	1.76	-	27.74	2.70	-
AV	2.461G	108.43	Inf	-Inf	77.99	3	Horizontal	319	1.76	-	27.74	2.70	-
PK	2.4835G	64.16	74.00	-9.84	33.63	3	Horizontal	319	1.76	-	27.83	2.70	-
AV	2.4835G	48.59	54.00	-5.41	18.06	3	Horizontal	319	1.76	-	27.83	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

24/12/2019



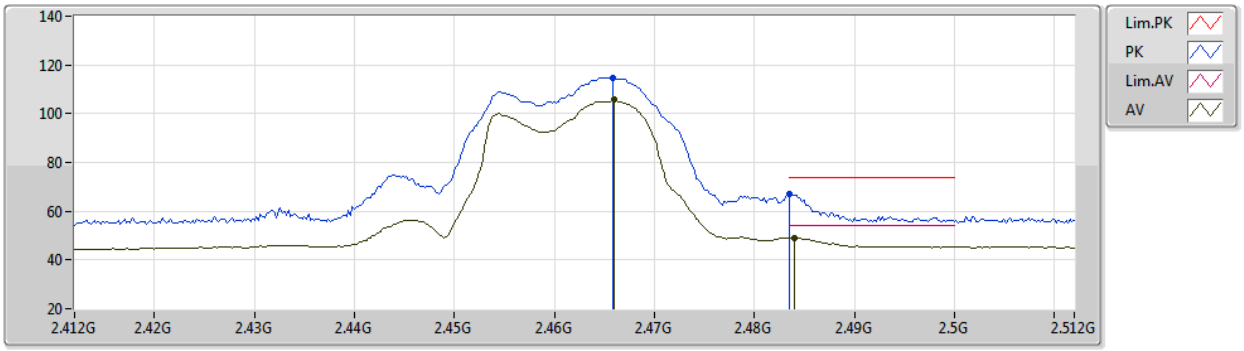
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.469G	117.73	Inf	-Inf	87.25	3	Vertical	62	2.03	-	27.78	2.70	-
AV	2.4688G	108.44	Inf	-Inf	77.96	3	Vertical	62	2.03	-	27.78	2.70	-
PK	2.4835G	73.71	74.00	-0.29	43.18	3	Vertical	62	2.03	-	27.83	2.70	-
AV	2.4835G	53.74	54.00	-0.26	23.21	3	Vertical	62	2.03	-	27.83	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

24/12/2019



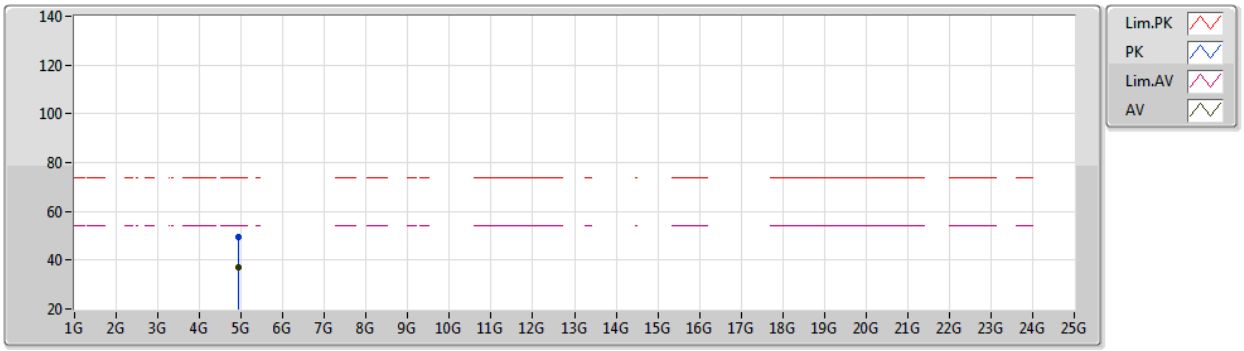
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4658G	114.76	Inf	-Inf	84.30	3	Horizontal	318	2.03	-	27.76	2.70	-
AV	2.466G	105.66	Inf	-Inf	75.20	3	Horizontal	318	2.03	-	27.76	2.70	-
PK	2.4835G	67.03	74.00	-6.97	36.50	3	Horizontal	318	2.03	-	27.83	2.70	-
AV	2.484G	49.14	54.00	-4.86	18.60	3	Horizontal	318	2.03	-	27.84	2.70	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

24/12/2019



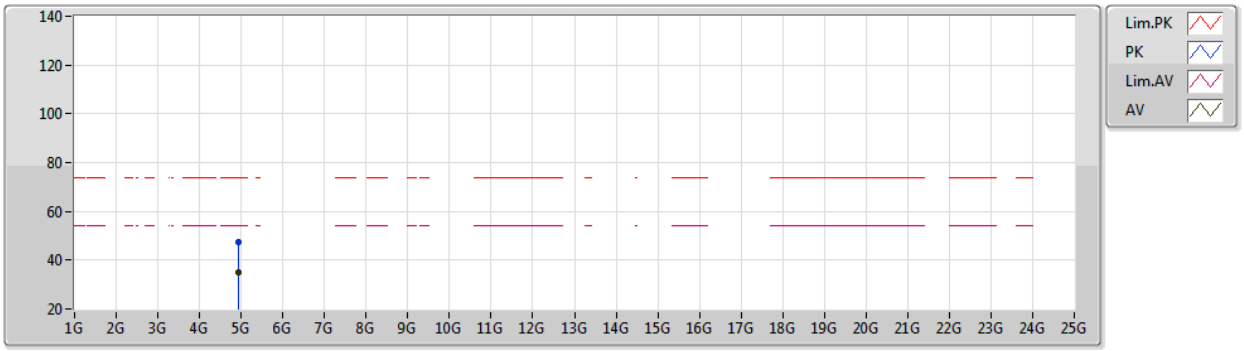
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92457G	49.32	74.00	-24.68	44.20	3	Vertical	330	2.61	-	33.75	6.34	34.97
AV	4.9253G	36.90	54.00	-17.10	31.78	3	Vertical	330	2.61	-	33.75	6.34	34.97

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

24/12/2019



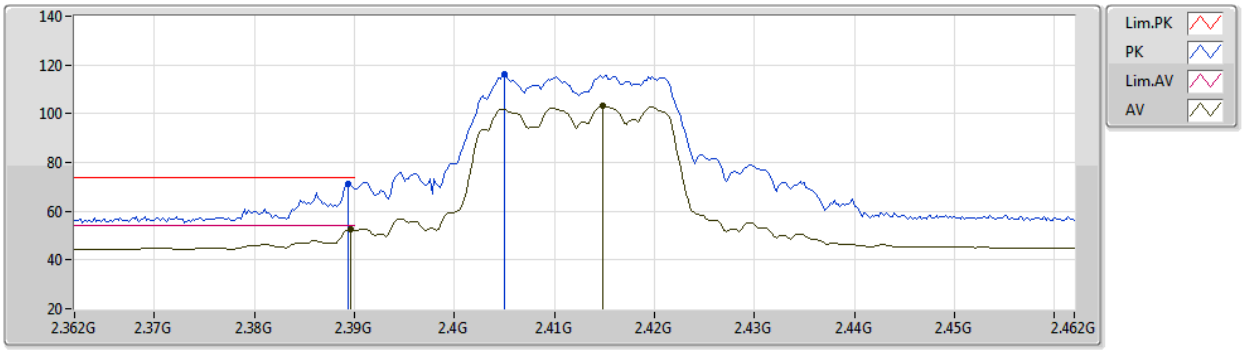
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92186G	47.41	74.00	-26.59	42.30	3	Horizontal	244	1.43	-	33.74	6.34	34.97
AV	4.92579G	34.94	54.00	-19.06	29.82	3	Horizontal	244	1.43	-	33.75	6.34	34.97

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

24/12/2019



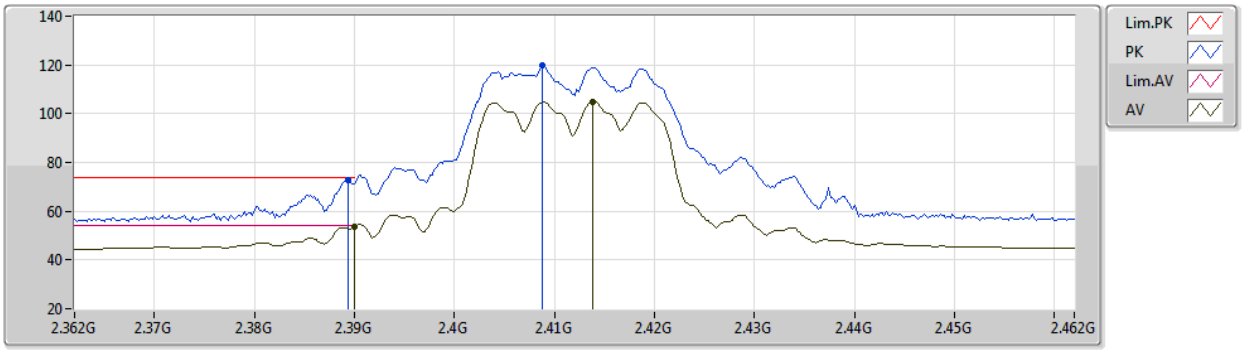
EUT Y_4TX
04-F-Z-1
with PA

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	71.14	74.00	-2.86	40.93	3	Vertical	85	2.27	-	27.51	2.70	-
AV	2.3896G	52.45	54.00	-1.55	22.24	3	Vertical	85	2.27	-	27.51	2.70	-
PK	2.405G	116.26	Inf	-Inf	86.04	3	Vertical	85	2.27	-	27.52	2.70	-
AV	2.4148G	103.25	Inf	-Inf	72.99	3	Vertical	85	2.27	-	27.56	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

24/12/2019



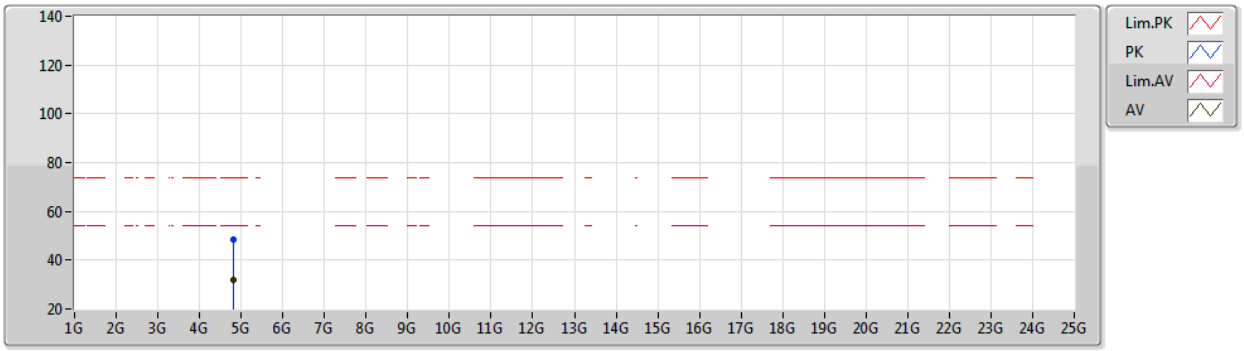
EUT Y_4TX
04-F-Z-1
with PA

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	72.74	74.00	-1.26	42.53	3	Horizontal	50	1.77	-	27.51	2.70	-
AV	2.39G	53.70	54.00	-0.30	23.49	3	Horizontal	50	1.77	-	27.51	2.70	-
PK	2.4088G	119.68	Inf	-Inf	89.44	3	Horizontal	50	1.77	-	27.54	2.70	-
AV	2.4138G	104.93	Inf	-Inf	74.67	3	Horizontal	50	1.77	-	27.56	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

24/12/2019



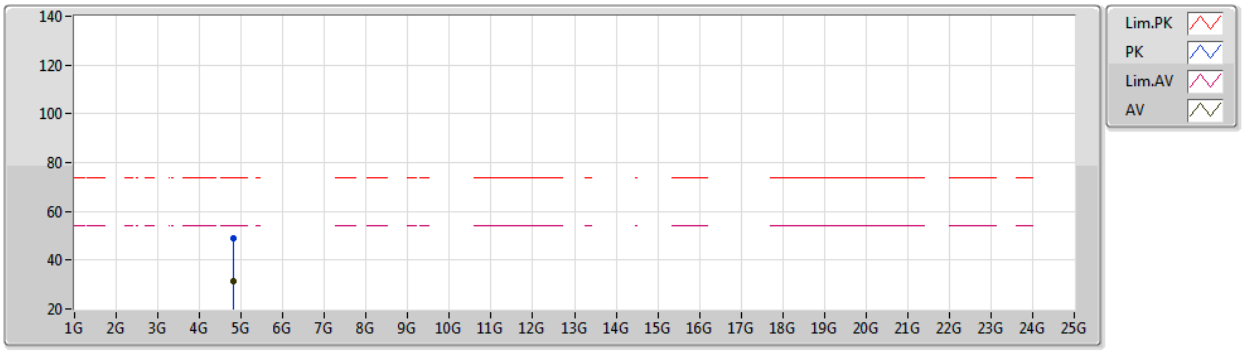
EUT Y_4TX
04-F-Z-1
with PA

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8236G	48.45	74.00	-25.55	44.95	3	Vertical	283	2.32	-	32.59	4.54	33.63
AV	4.8241G	32.03	54.00	-21.97	28.52	3	Vertical	283	2.32	-	32.60	4.54	33.63

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

24/12/2019



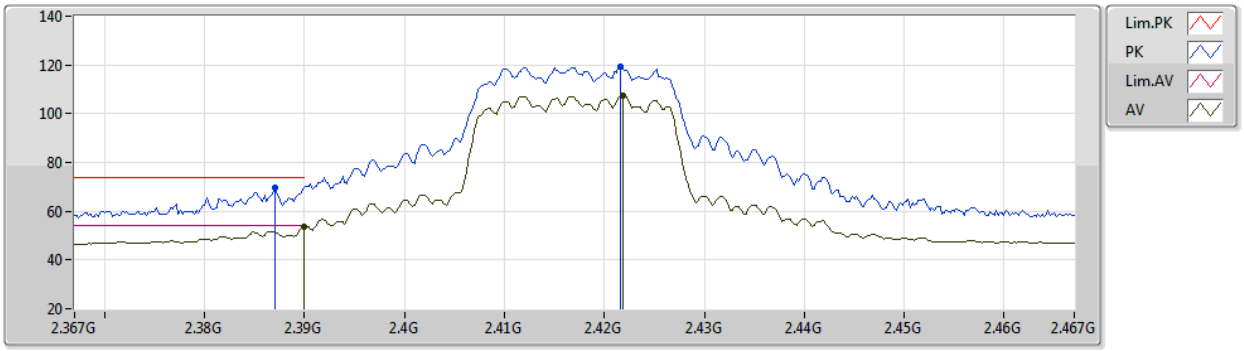
EUT Y_4TX
04-F-Z-1
with PA

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82328G	48.91	74.00	-25.09	45.42	3	Horizontal	120	1.80	-	32.59	4.53	33.63
AV	4.82762G	31.37	54.00	-22.63	27.85	3	Horizontal	120	1.80	-	32.61	4.54	33.63

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

24/12/2019



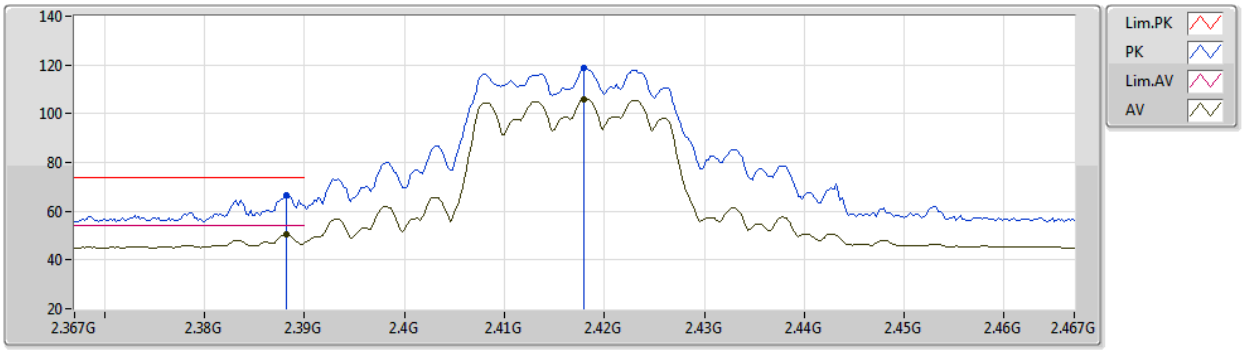
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	69.65	74.00	-4.35	39.44	3	Vertical	77	1.86	-	27.51	2.70	-
AV	2.39G	53.76	54.00	-0.24	23.55	3	Vertical	77	1.86	-	27.51	2.70	-
PK	2.4216G	119.16	Inf	-Inf	88.87	3	Vertical	77	1.86	-	27.59	2.70	-
AV	2.4218G	107.54	Inf	-Inf	77.25	3	Vertical	77	1.86	-	27.59	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

24/12/2019



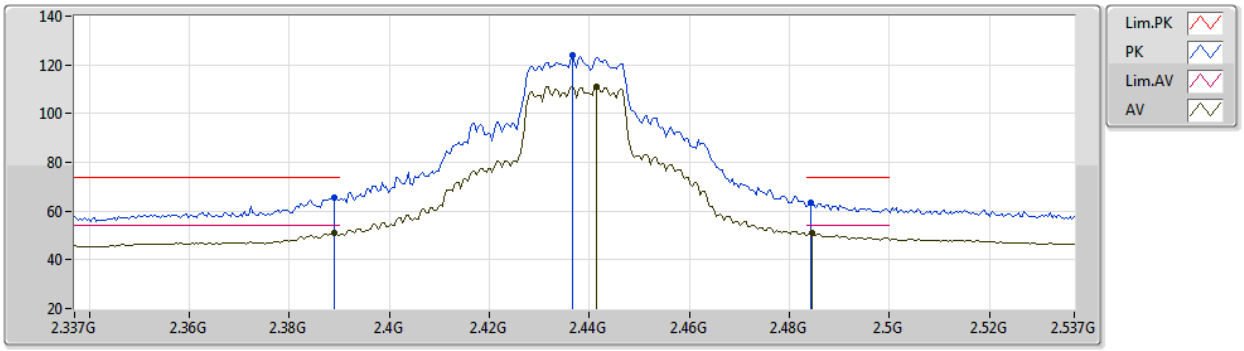
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	66.62	74.00	-7.38	36.41	3	Horizontal	215	2.89	-	27.51	2.70	-
AV	2.3882G	50.34	54.00	-3.66	20.13	3	Horizontal	215	2.89	-	27.51	2.70	-
PK	2.418G	118.82	Inf	-Inf	88.55	3	Horizontal	215	2.89	-	27.57	2.70	-
AV	2.418G	106.00	Inf	-Inf	75.73	3	Horizontal	215	2.89	-	27.57	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



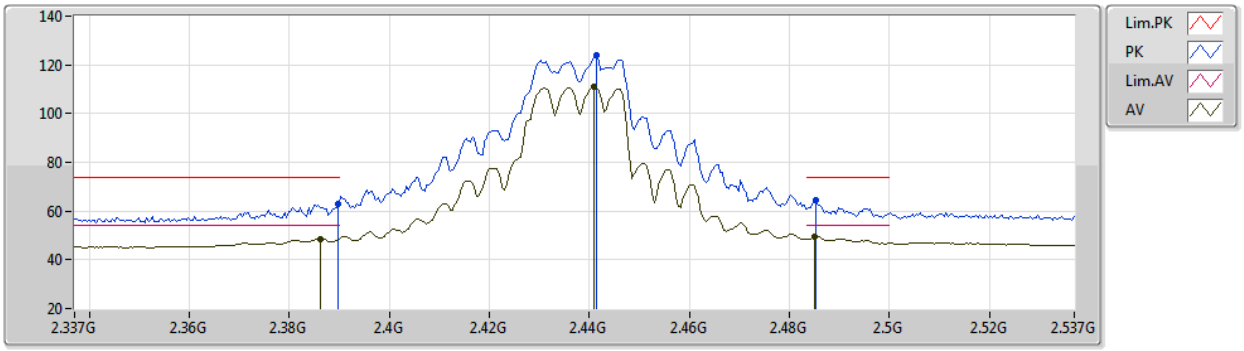
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	65.51	74.00	-8.49	35.30	3	Vertical	278	2.28	-	27.51	2.70	-
AV	2.389G	51.20	54.00	-2.80	20.99	3	Vertical	278	2.28	-	27.51	2.70	-
PK	2.4366G	123.84	Inf	-Inf	93.49	3	Vertical	278	2.28	-	27.65	2.70	-
AV	2.4414G	111.20	Inf	-Inf	80.83	3	Vertical	278	2.28	-	27.67	2.70	-
PK	2.4842G	63.63	74.00	-10.37	33.09	3	Vertical	278	2.28	-	27.84	2.70	-
AV	2.4846G	50.82	54.00	-3.18	20.28	3	Vertical	278	2.28	-	27.84	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



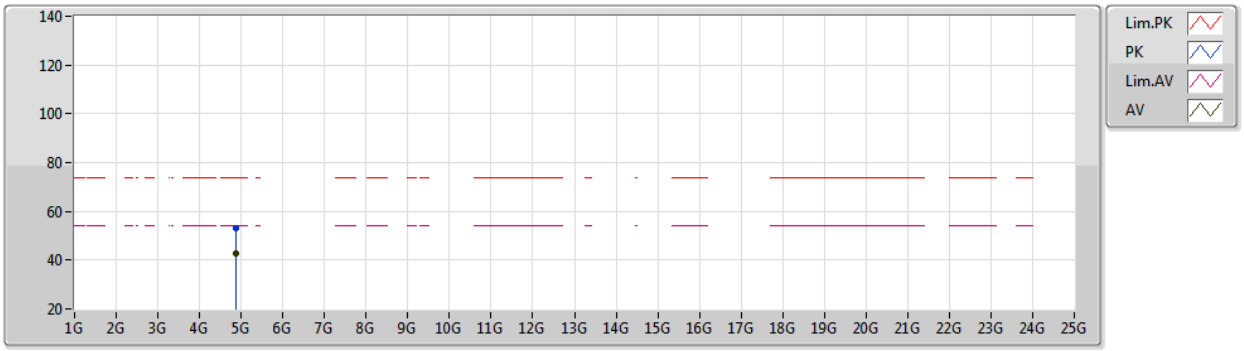
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	62.91	74.00	-11.09	32.70	3	Horizontal	72	1.74	-	27.51	2.70	-
AV	2.3862G	48.55	54.00	-5.45	18.34	3	Horizontal	72	1.74	-	27.51	2.70	-
PK	2.4414G	124.08	Inf	-Inf	93.71	3	Horizontal	72	1.74	-	27.67	2.70	-
AV	2.441G	110.89	Inf	-Inf	80.53	3	Horizontal	72	1.74	-	27.66	2.70	-
PK	2.4854G	64.44	74.00	-9.56	33.90	3	Horizontal	72	1.74	-	27.84	2.70	-
AV	2.485G	49.47	54.00	-4.53	18.93	3	Horizontal	72	1.74	-	27.84	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



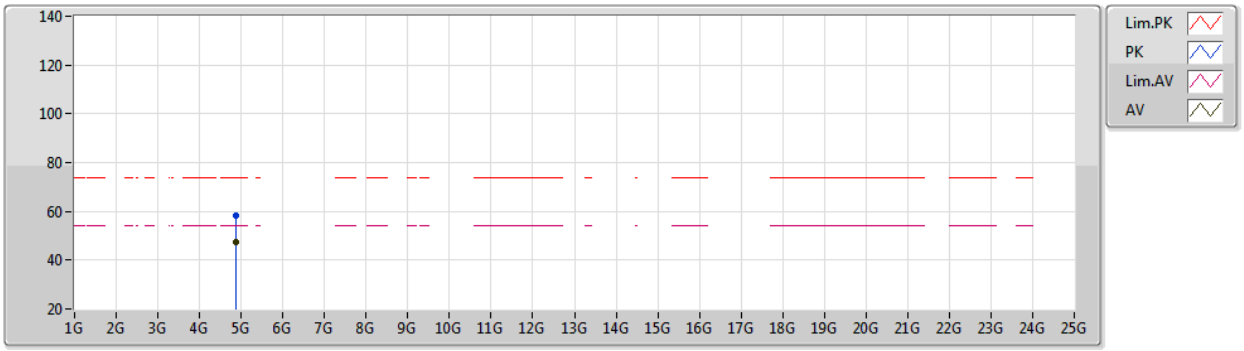
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87193G	53.17	74.00	-20.83	49.38	3	Vertical	280	2.04	-	32.79	4.61	33.61
AV	4.87189G	42.56	54.00	-11.44	38.77	3	Vertical	280	2.04	-	32.79	4.61	33.61

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



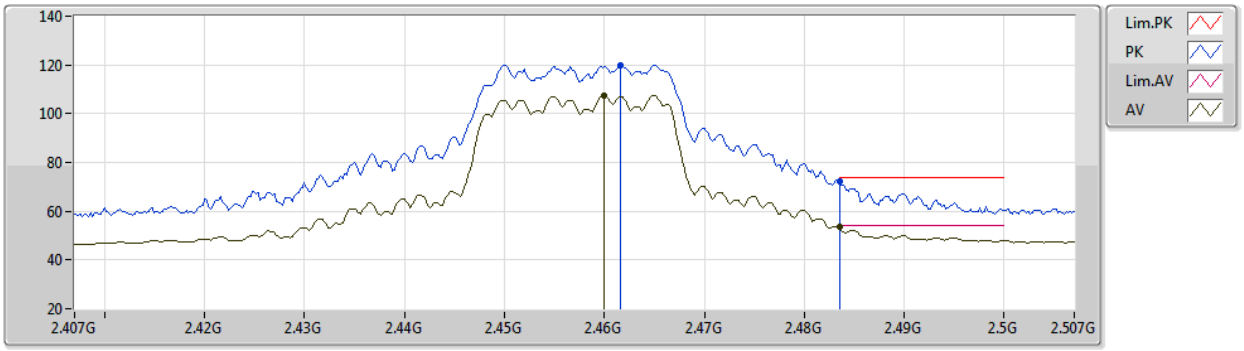
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87526G	58.37	74.00	-15.63	54.57	3	Horizontal	131	2.07	-	32.80	4.61	33.61
AV	4.87154G	47.67	54.00	-6.33	43.88	3	Horizontal	131	2.07	-	32.79	4.61	33.61

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

24/12/2019



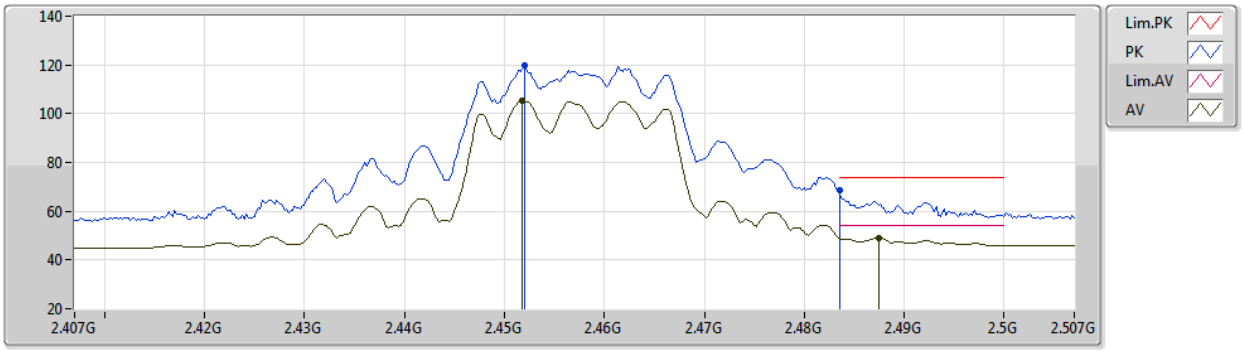
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4616G	120.00	Inf	-Inf	89.55	3	Vertical	92	2.17	-	27.75	2.70	-
AV	2.46G	107.41	Inf	-Inf	76.97	3	Vertical	92	2.17	-	27.74	2.70	-
PK	2.4835G	72.43	74.00	-1.57	41.90	3	Vertical	92	2.17	-	27.83	2.70	-
AV	2.4835G	53.87	54.00	-0.13	23.34	3	Vertical	92	2.17	-	27.83	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

24/12/2019



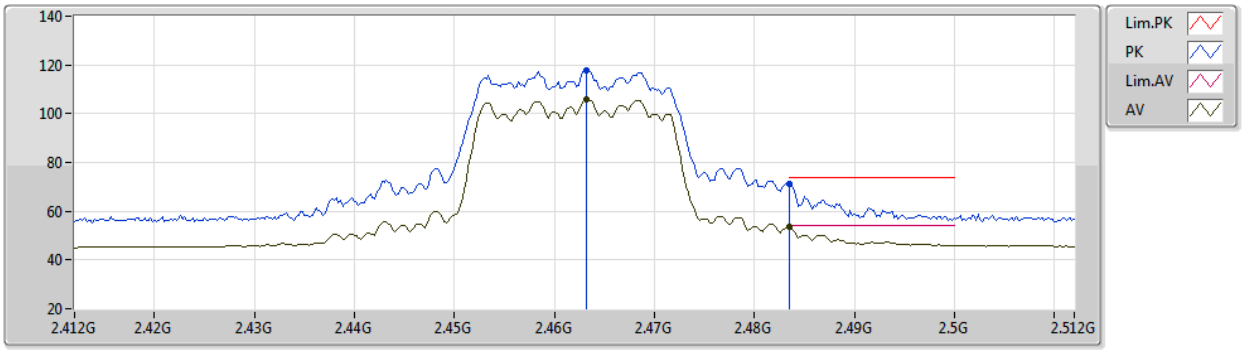
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.452G	119.69	Inf	-Inf	89.28	3	Horizontal	50	2.81	-	27.71	2.70	-
AV	2.4518G	105.23	Inf	-Inf	74.82	3	Horizontal	50	2.81	-	27.71	2.70	-
PK	2.4835G	68.47	74.00	-5.53	37.94	3	Horizontal	50	2.81	-	27.83	2.70	-
AV	2.4874G	49.17	54.00	-4.83	18.62	3	Horizontal	50	2.81	-	27.85	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

24/12/2019



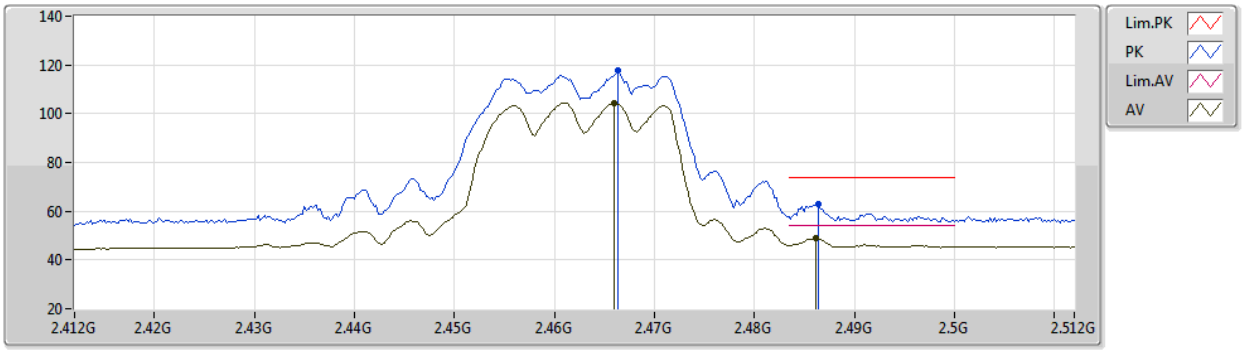
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4632G	117.99	Inf	-Inf	87.54	3	Vertical	92	2.18	-	27.75	2.70	-
AV	2.4632G	105.77	Inf	-Inf	75.32	3	Vertical	92	2.18	-	27.75	2.70	-
PK	2.4835G	71.24	74.00	-2.76	40.71	3	Vertical	92	2.18	-	27.83	2.70	-
AV	2.4835G	53.82	54.00	-0.18	23.29	3	Vertical	92	2.18	-	27.83	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

24/12/2019



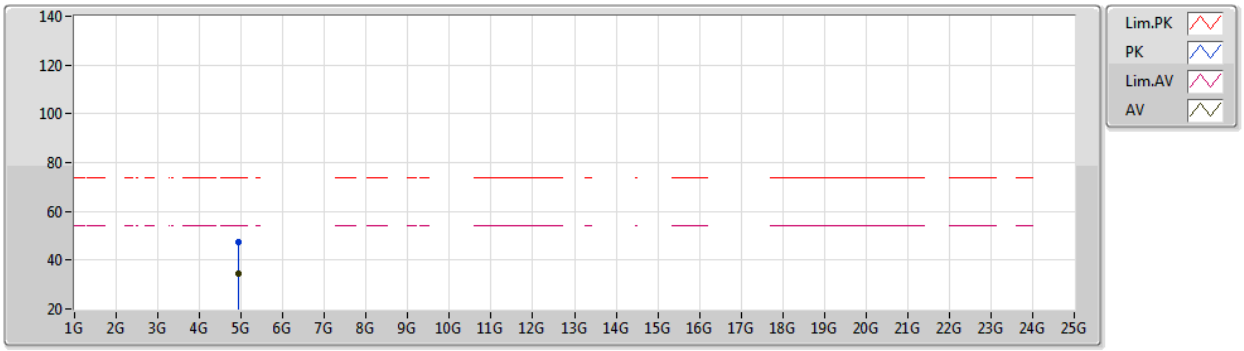
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4664G	117.71	Inf	-Inf	87.24	3	Horizontal	69	2.14	-	27.77	2.70	-
AV	2.466G	104.39	Inf	-Inf	73.93	3	Horizontal	69	2.14	-	27.76	2.70	-
PK	2.4864G	62.80	74.00	-11.20	32.25	3	Horizontal	69	2.14	-	27.85	2.70	-
AV	2.4862G	48.87	54.00	-5.13	18.33	3	Horizontal	69	2.14	-	27.84	2.70	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

24/12/2019



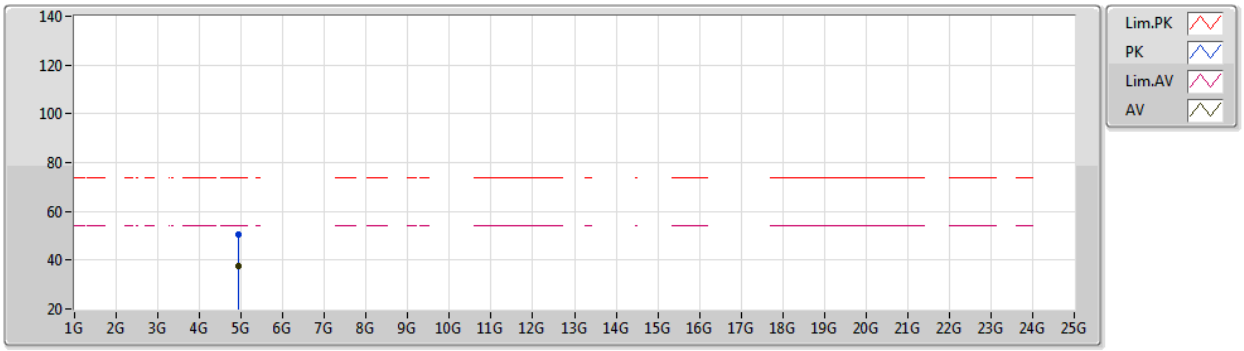
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9246G	47.16	74.00	-26.84	43.11	3	Vertical	65	1.20	-	32.95	4.69	33.59
AV	4.92413G	34.73	54.00	-19.27	30.68	3	Vertical	65	1.20	-	32.95	4.69	33.59

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

24/12/2019



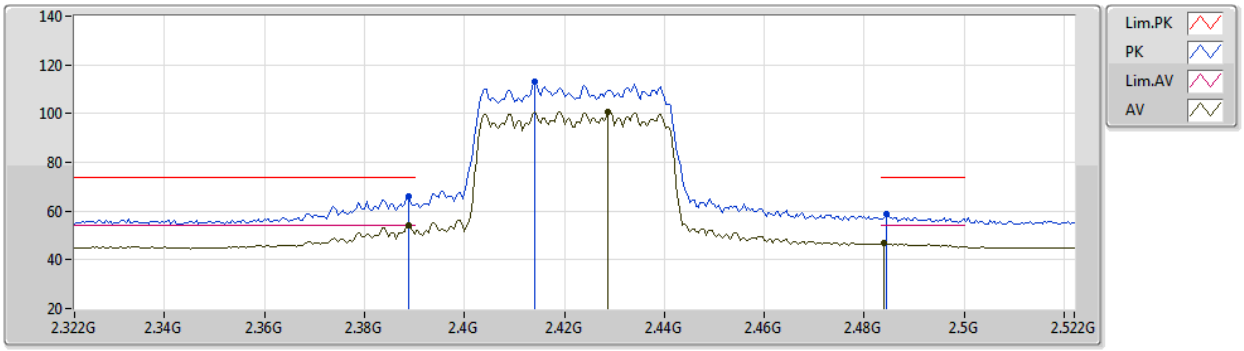
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92394G	50.61	74.00	-23.39	46.56	3	Horizontal	83	1.99	-	32.95	4.69	33.59
AV	4.92505G	37.38	54.00	-16.62	33.33	3	Horizontal	83	1.99	-	32.95	4.69	33.59

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

24/12/2019



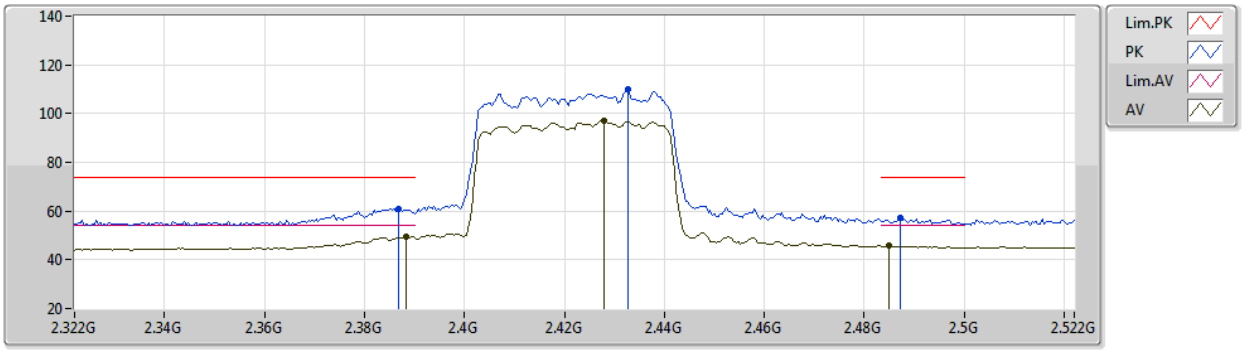
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	65.88	74.00	-8.12	35.67	3	Vertical	72	1.85	-	27.51	2.70	-
AV	2.3888G	53.89	54.00	-0.11	23.68	3	Vertical	72	1.85	-	27.51	2.70	-
PK	2.414G	112.86	Inf	-Inf	82.60	3	Vertical	72	1.85	-	27.56	2.70	-
AV	2.4288G	100.64	Inf	-Inf	70.32	3	Vertical	72	1.85	-	27.62	2.70	-
PK	2.4844G	58.80	74.00	-15.20	28.26	3	Vertical	72	1.85	-	27.84	2.70	-
AV	2.484G	46.80	54.00	-7.20	16.26	3	Vertical	72	1.85	-	27.84	2.70	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

24/12/2019



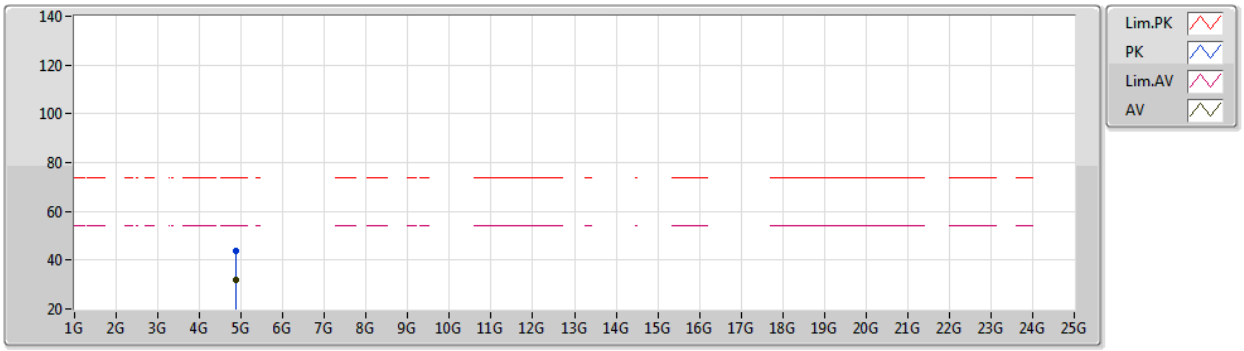
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3868G	61.04	74.00	-12.96	30.83	3	Horizontal	72	1.73	-	27.51	2.70	-
AV	2.3884G	49.44	54.00	-4.56	19.23	3	Horizontal	72	1.73	-	27.51	2.70	-
PK	2.4328G	109.87	Inf	-Inf	79.54	3	Horizontal	72	1.73	-	27.63	2.70	-
AV	2.428G	97.21	Inf	-Inf	66.90	3	Horizontal	72	1.73	-	27.61	2.70	-
PK	2.4872G	57.16	74.00	-16.84	26.61	3	Horizontal	72	1.73	-	27.85	2.70	-
AV	2.4848G	45.70	54.00	-8.30	15.16	3	Horizontal	72	1.73	-	27.84	2.70	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

24/12/2019



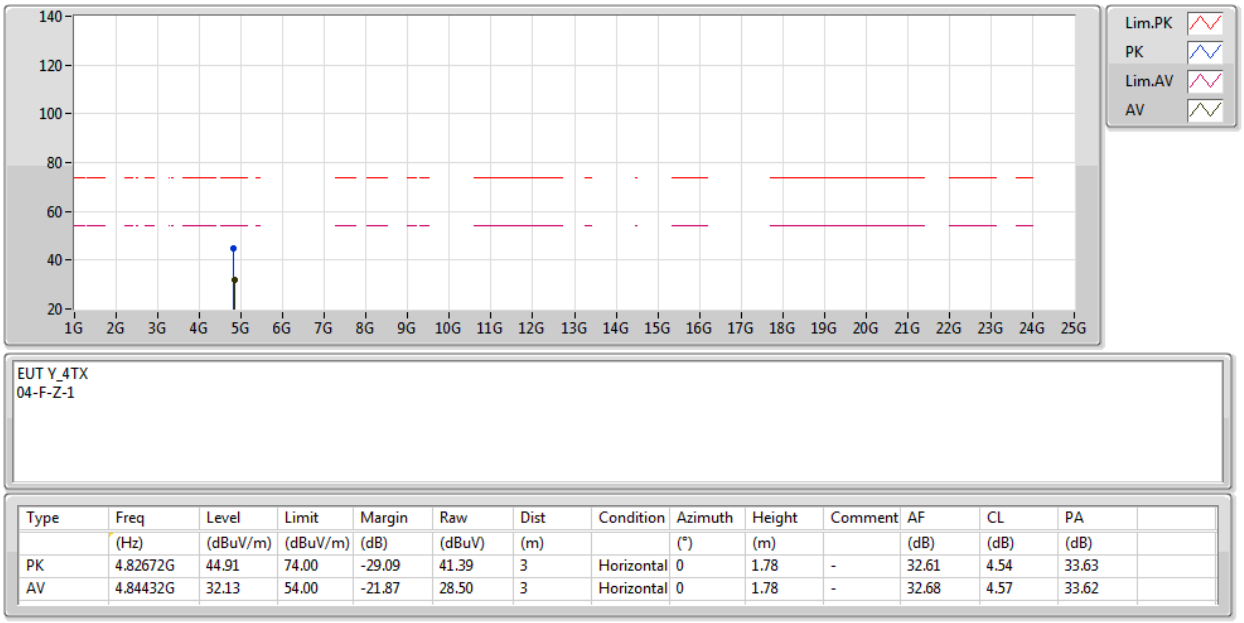
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86048G	43.88	74.00	-30.12	40.17	3	Vertical	136	1.80	-	32.74	4.59	33.62
AV	4.86296G	31.84	54.00	-22.16	28.11	3	Vertical	136	1.80	-	32.75	4.59	33.61

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

24/12/2019



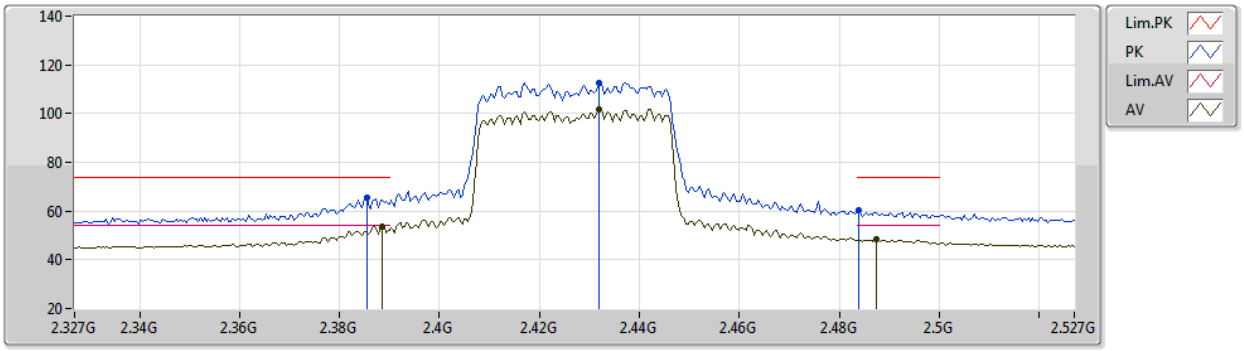
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82672G	44.91	74.00	-29.09	41.39	3	Horizontal	0	1.78	-	32.61	4.54	33.63
AV	4.84432G	32.13	54.00	-21.87	28.50	3	Horizontal	0	1.78	-	32.68	4.57	33.62

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

24/12/2019



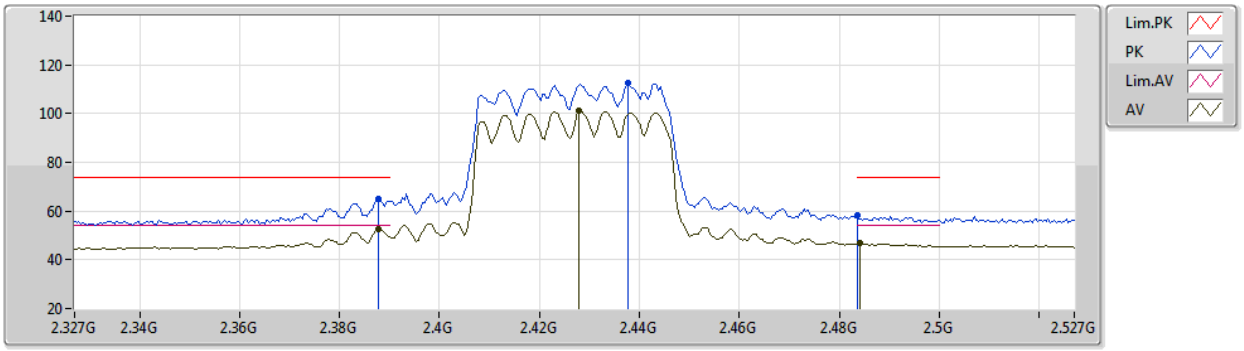
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3854G	65.45	74.00	-8.55	35.24	3	Vertical	265	1.80	-	27.51	2.70	-
AV	2.3886G	53.86	54.00	-0.14	23.65	3	Vertical	265	1.80	-	27.51	2.70	-
PK	2.4318G	112.48	Inf	-Inf	82.15	3	Vertical	265	1.80	-	27.63	2.70	-
AV	2.4318G	101.86	Inf	-Inf	71.53	3	Vertical	265	1.80	-	27.63	2.70	-
PK	2.4838G	60.46	74.00	-13.54	29.92	3	Vertical	265	1.80	-	27.84	2.70	-
AV	2.4874G	48.67	54.00	-5.33	18.12	3	Vertical	265	1.80	-	27.85	2.70	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

24/12/2019



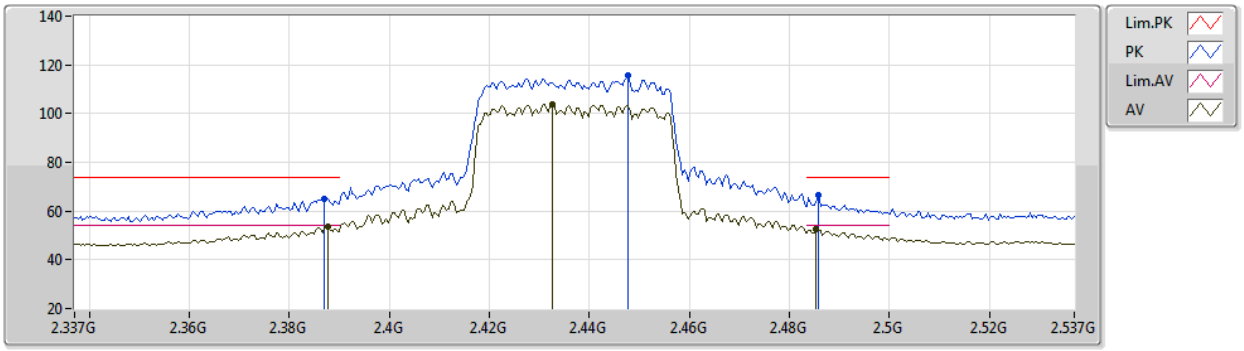
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	64.88	74.00	-9.12	34.67	3	Horizontal	72	1.74	-	27.51	2.70	-
AV	2.3878G	52.58	54.00	-1.42	22.37	3	Horizontal	72	1.74	-	27.51	2.70	-
PK	2.4378G	112.37	Inf	-Inf	82.02	3	Horizontal	72	1.74	-	27.65	2.70	-
AV	2.4278G	100.97	Inf	-Inf	70.66	3	Horizontal	72	1.74	-	27.61	2.70	-
PK	2.4835G	58.17	74.00	-15.83	27.64	3	Horizontal	72	1.74	-	27.83	2.70	-
AV	2.4842G	46.67	54.00	-7.33	16.13	3	Horizontal	72	1.74	-	27.84	2.70	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



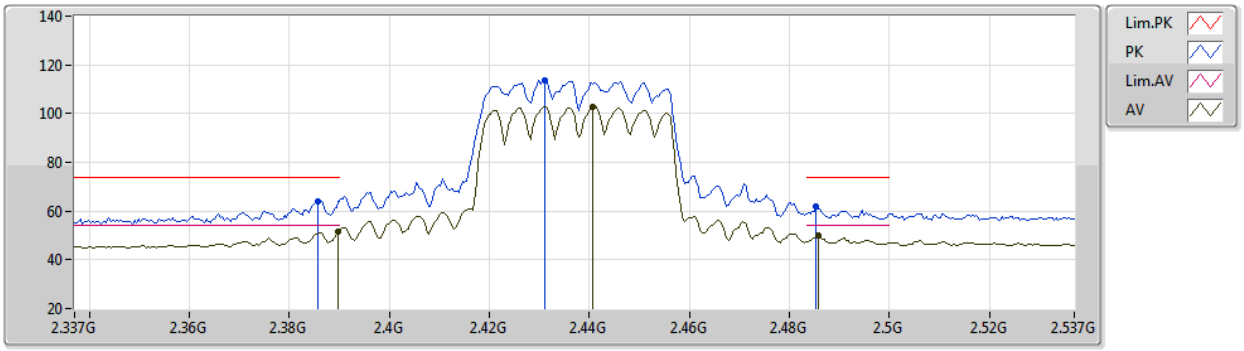
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	65.22	74.00	-8.78	35.01	3	Vertical	74	1.85	-	27.51	2.70	-
AV	2.3878G	53.87	54.00	-0.13	23.66	3	Vertical	74	1.85	-	27.51	2.70	-
PK	2.4478G	115.63	Inf	-Inf	85.24	3	Vertical	74	1.85	-	27.69	2.70	-
AV	2.4326G	103.66	Inf	-Inf	73.33	3	Vertical	74	1.85	-	27.63	2.70	-
PK	2.4858G	66.80	74.00	-7.20	36.26	3	Vertical	74	1.85	-	27.84	2.70	-
AV	2.4854G	52.34	54.00	-1.66	21.80	3	Vertical	74	1.85	-	27.84	2.70	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



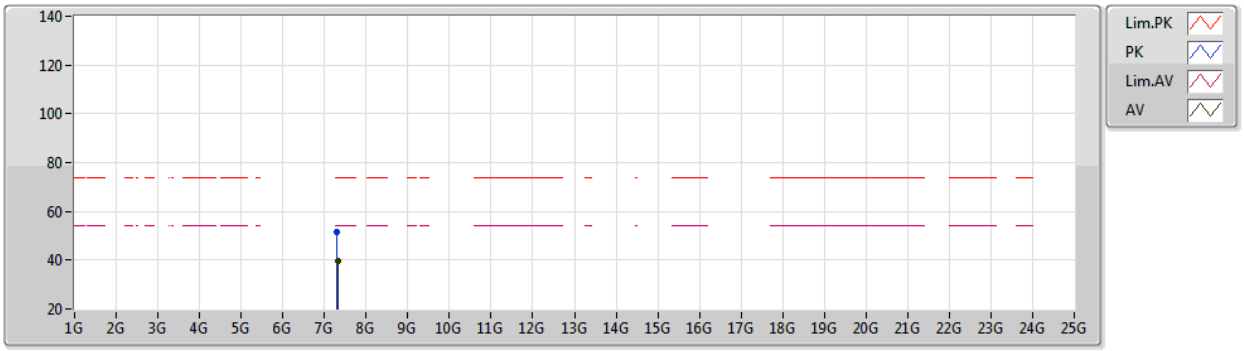
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3858G	63.95	74.00	-10.05	33.74	3	Horizontal	69	1.75	-	27.51	2.70	-
AV	2.3898G	51.45	54.00	-2.55	21.24	3	Horizontal	69	1.75	-	27.51	2.70	-
PK	2.431G	113.70	Inf	-Inf	83.38	3	Horizontal	69	1.75	-	27.62	2.70	-
AV	2.4406G	103.00	Inf	-Inf	72.64	3	Horizontal	69	1.75	-	27.66	2.70	-
PK	2.4854G	61.99	74.00	-12.01	31.45	3	Horizontal	69	1.75	-	27.84	2.70	-
AV	2.4858G	49.90	54.00	-4.10	19.36	3	Horizontal	69	1.75	-	27.84	2.70	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



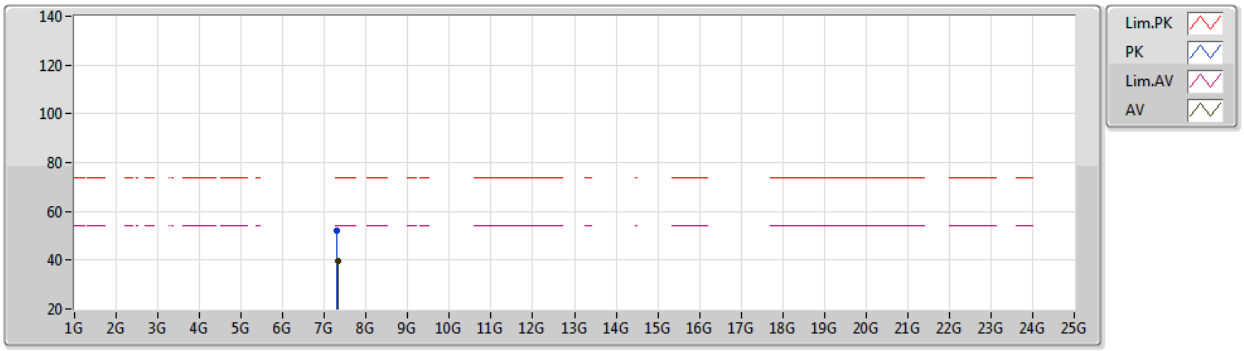
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.30284G	51.38	74.00	-22.62	42.35	3	Vertical	287	1.80	-	37.50	5.49	33.96
AV	7.31084G	39.45	54.00	-14.55	30.40	3	Vertical	287	1.80	-	37.51	5.50	33.96

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



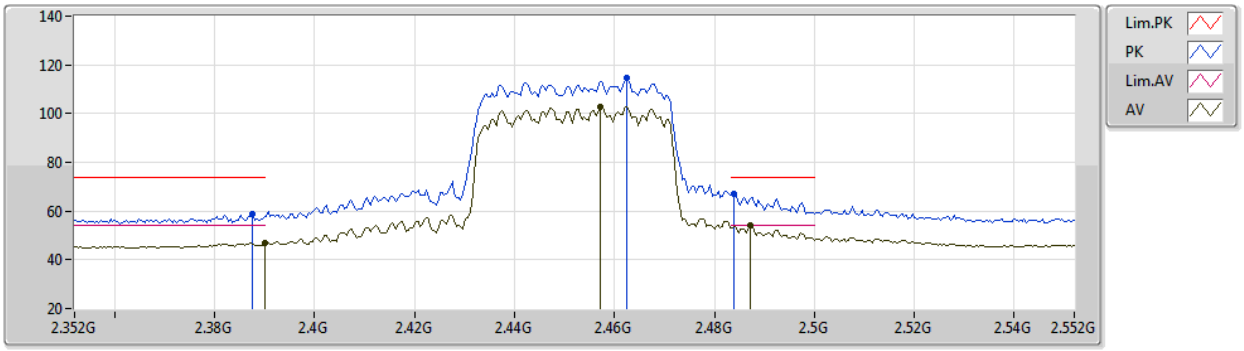
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.30212G	52.00	74.00	-22.00	42.98	3	Horizontal	225	1.60	-	37.50	5.48	33.96
AV	7.311G	39.58	54.00	-14.42	30.53	3	Horizontal	225	1.60	-	37.51	5.50	33.96

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

24/12/2019



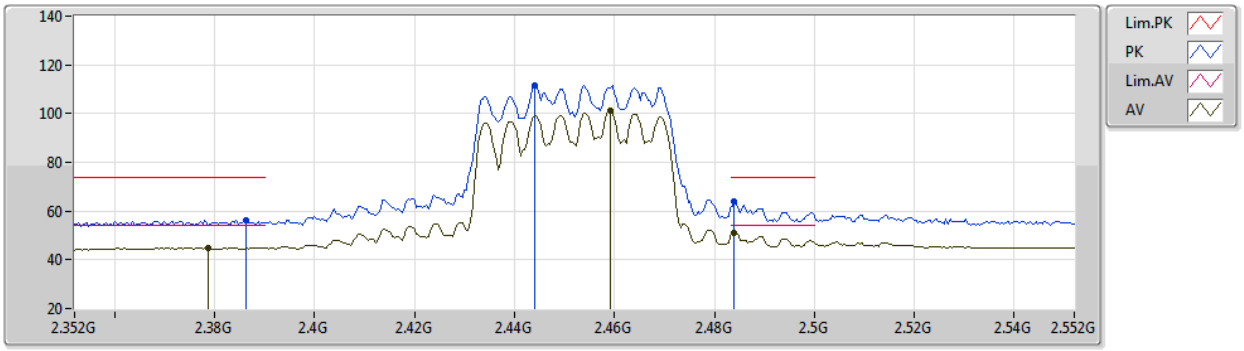
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3876G	58.92	74.00	-15.08	28.71	3	Vertical	91	1.78	-	27.51	2.70	-
AV	2.39G	46.92	54.00	-7.08	16.71	3	Vertical	91	1.78	-	27.51	2.70	-
PK	2.4624G	114.79	Inf	-Inf	84.34	3	Vertical	91	1.78	-	27.75	2.70	-
AV	2.4572G	102.73	Inf	-Inf	72.30	3	Vertical	91	1.78	-	27.73	2.70	-
PK	2.484G	66.96	74.00	-7.04	36.42	3	Vertical	91	1.78	-	27.84	2.70	-
AV	2.4872G	53.93	54.00	-0.07	23.38	3	Vertical	91	1.78	-	27.85	2.70	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

24/12/2019



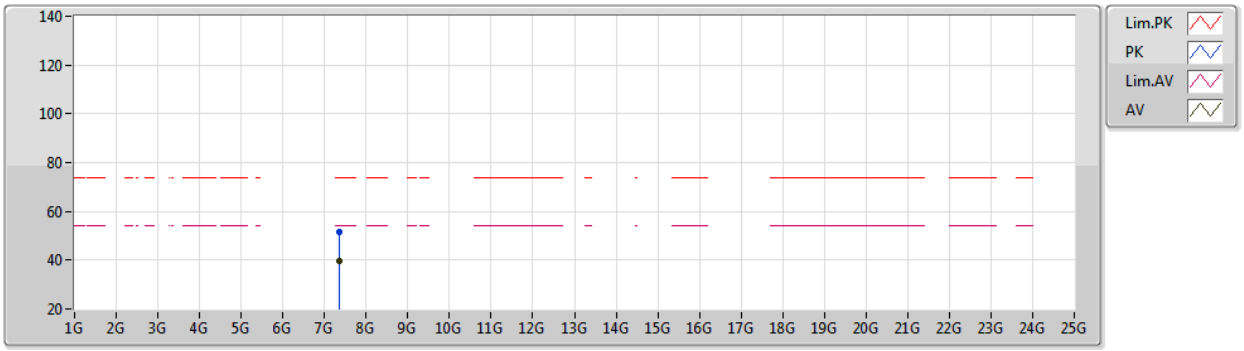
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3864G	56.13	74.00	-17.87	25.92	3	Horizontal	309	2.62	-	27.51	2.70	-
AV	2.3788G	45.02	54.00	-8.98	14.80	3	Horizontal	309	2.62	-	27.52	2.70	-
PK	2.444G	111.65	Inf	-Inf	81.27	3	Horizontal	309	2.62	-	27.68	2.70	-
AV	2.4592G	101.22	Inf	-Inf	70.78	3	Horizontal	309	2.62	-	27.74	2.70	-
PK	2.484G	63.88	74.00	-10.12	33.34	3	Horizontal	309	2.62	-	27.84	2.70	-
AV	2.484G	51.14	54.00	-2.86	20.60	3	Horizontal	309	2.62	-	27.84	2.70	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

24/12/2019



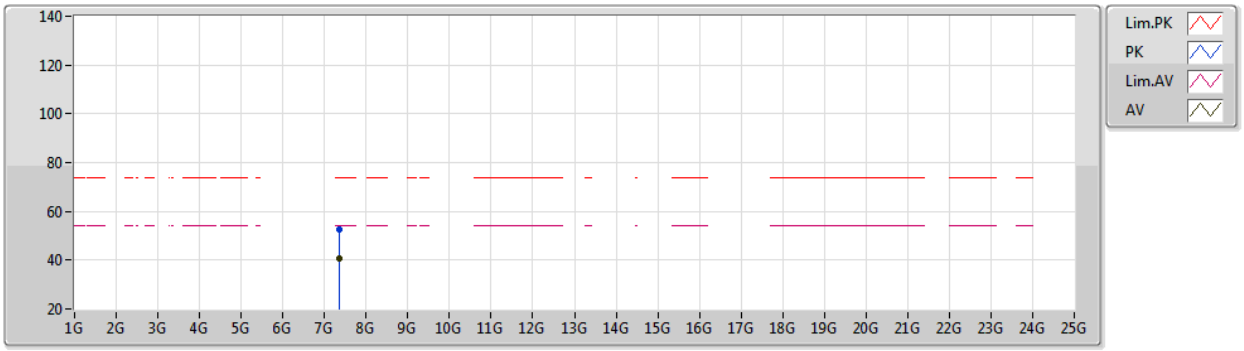
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.35848G	51.71	74.00	-22.29	42.52	3	Vertical	303	1.80	-	37.56	5.61	33.98
AV	7.356G	39.61	54.00	-14.39	30.43	3	Vertical	303	1.80	-	37.56	5.60	33.98

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

24/12/2019



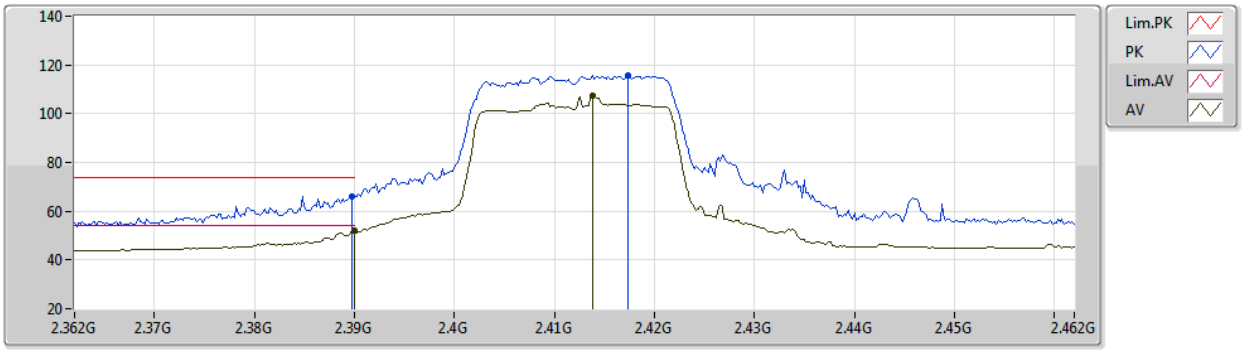
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.35584G	52.70	74.00	-21.30	43.52	3	Horizontal	274	2.02	-	37.56	5.60	33.98
AV	7.35576G	40.54	54.00	-13.46	31.36	3	Horizontal	274	2.02	-	37.56	5.60	33.98

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

24/12/2019



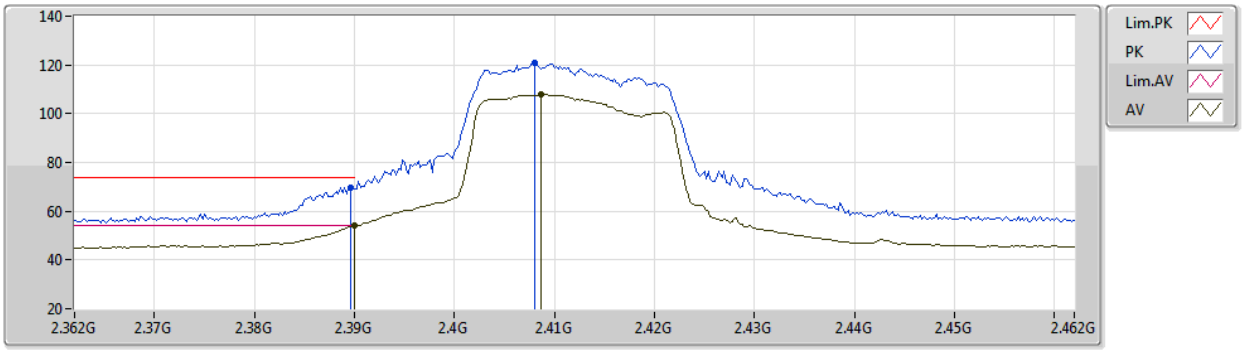
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	66.15	74.00	-7.85	35.94	3	Vertical	0	2.62	-	27.51	2.70	-
AV	2.39G	52.10	54.00	-1.90	21.89	3	Vertical	0	2.62	-	27.51	2.70	-
PK	2.4174G	115.76	Inf	-Inf	85.49	3	Vertical	0	2.62	-	27.57	2.70	-
AV	2.4138G	107.50	Inf	-Inf	77.24	3	Vertical	0	2.62	-	27.56	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

24/12/2019



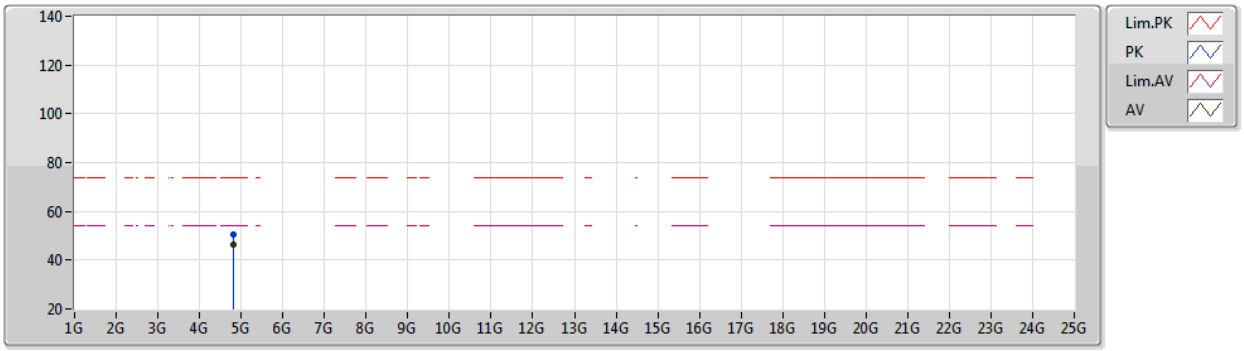
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	69.88	74.00	-4.12	39.67	3	Horizontal	63	1.78	-	27.51	2.70	-
AV	2.39G	53.97	54.00	-0.03	23.76	3	Horizontal	63	1.78	-	27.51	2.70	-
PK	2.408G	120.74	Inf	-Inf	90.51	3	Horizontal	63	1.78	-	27.53	2.70	-
AV	2.4086G	107.69	Inf	-Inf	77.46	3	Horizontal	63	1.78	-	27.53	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

24/12/2019



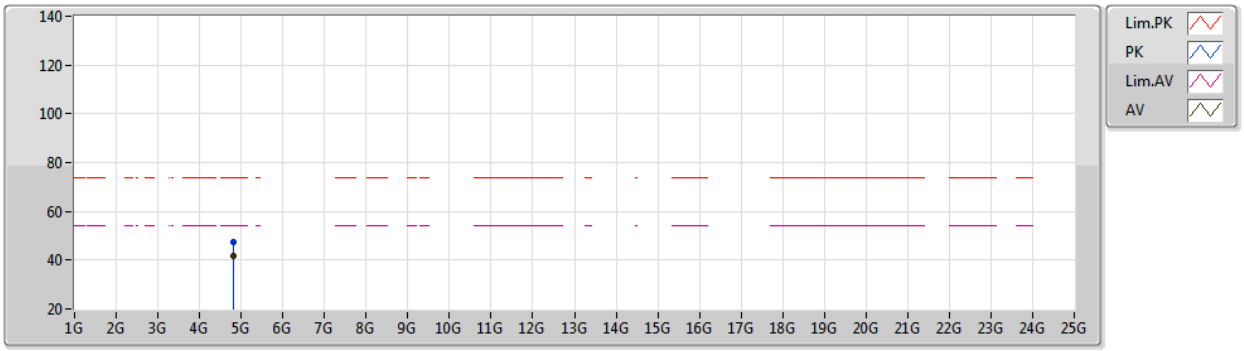
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82404G	50.73	74.00	-23.27	47.22	3	Vertical	156	1.74	-	32.60	4.54	33.63
AV	4.82392G	46.50	54.00	-7.50	42.99	3	Vertical	156	1.74	-	32.60	4.54	33.63

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

24/12/2019



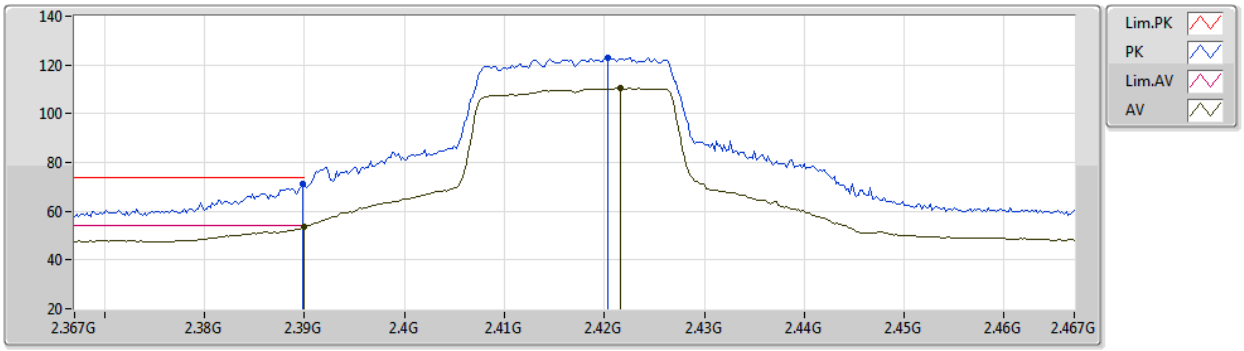
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82392G	47.21	74.00	-26.79	43.70	3	Horizontal	278	1.80	-	32.60	4.54	33.63
AV	4.82388G	41.66	54.00	-12.34	38.15	3	Horizontal	278	1.80	-	32.60	4.54	33.63

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

24/12/2019



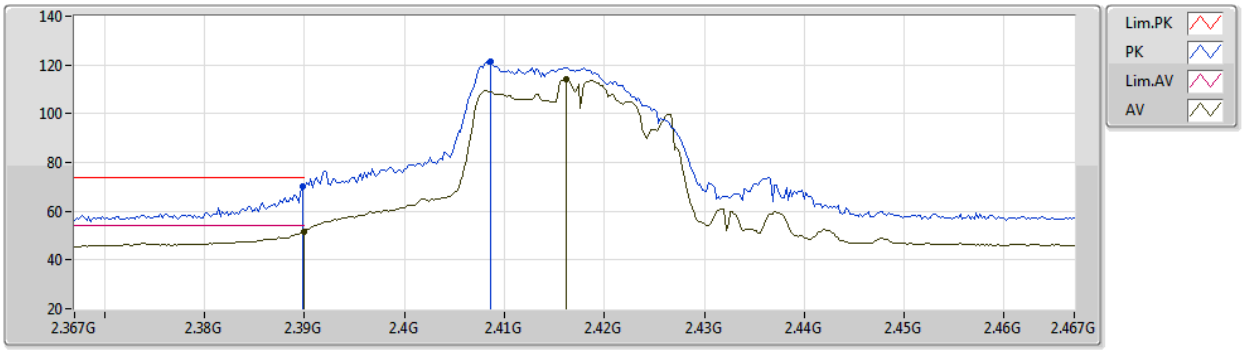
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	71.11	74.00	-2.89	40.90	3	Vertical	65	1.80	-	27.51	2.70	-
AV	2.39G	53.85	54.00	-0.15	23.64	3	Vertical	65	1.80	-	27.51	2.70	-
PK	2.4204G	122.96	Inf	-Inf	92.68	3	Vertical	65	1.80	-	27.58	2.70	-
AV	2.4216G	110.35	Inf	-Inf	80.06	3	Vertical	65	1.80	-	27.59	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

24/12/2019



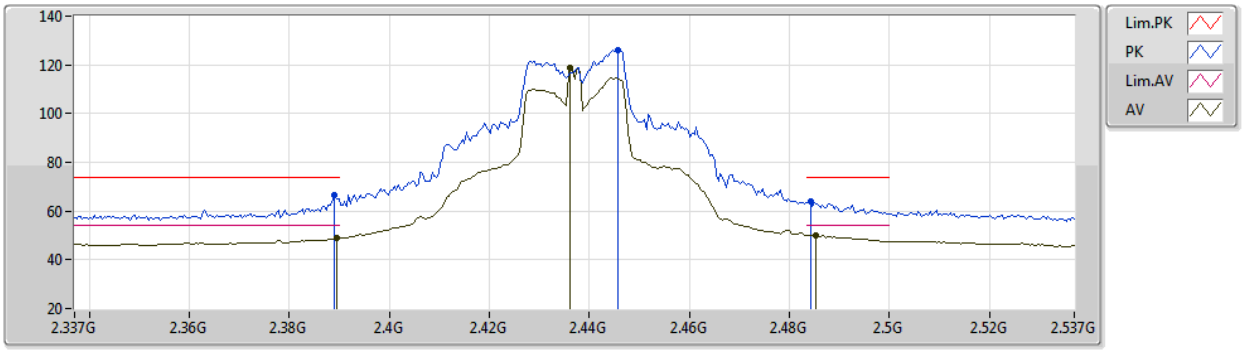
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	70.22	74.00	-3.78	40.01	3	Horizontal	51	2.97	-	27.51	2.70	-
AV	2.39G	51.78	54.00	-2.22	21.57	3	Horizontal	51	2.97	-	27.51	2.70	-
PK	2.4086G	121.36	Inf	-Inf	91.13	3	Horizontal	51	2.97	-	27.53	2.70	-
AV	2.4162G	114.19	Inf	-Inf	83.93	3	Horizontal	51	2.97	-	27.56	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



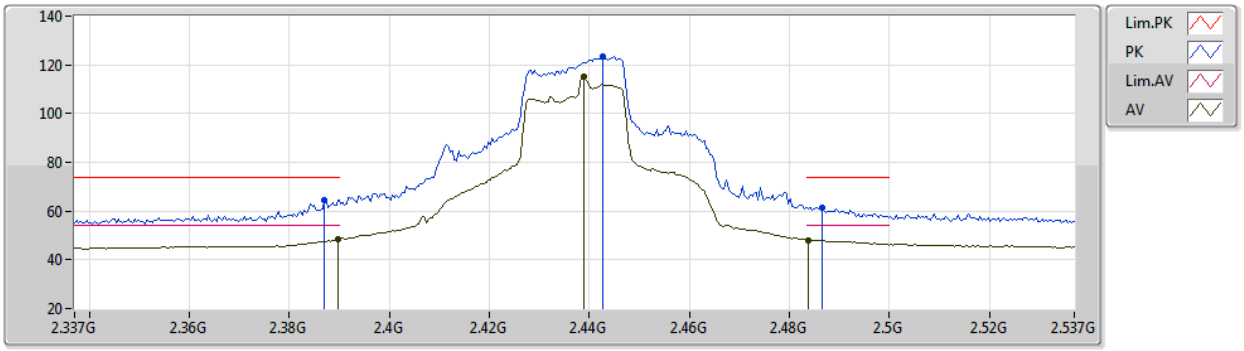
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	66.36	74.00	-7.64	36.15	3	Vertical	84	1.43	-	27.51	2.70	-
AV	2.3894G	48.92	54.00	-5.08	18.71	3	Vertical	84	1.43	-	27.51	2.70	-
PK	2.4458G	126.20	Inf	-Inf	95.82	3	Vertical	84	1.43	-	27.68	2.70	-
AV	2.4362G	118.55	Inf	-Inf	88.21	3	Vertical	84	1.43	-	27.64	2.70	-
PK	2.4842G	63.92	74.00	-10.08	33.38	3	Vertical	84	1.43	-	27.84	2.70	-
AV	2.4854G	50.15	54.00	-3.85	19.61	3	Vertical	84	1.43	-	27.84	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



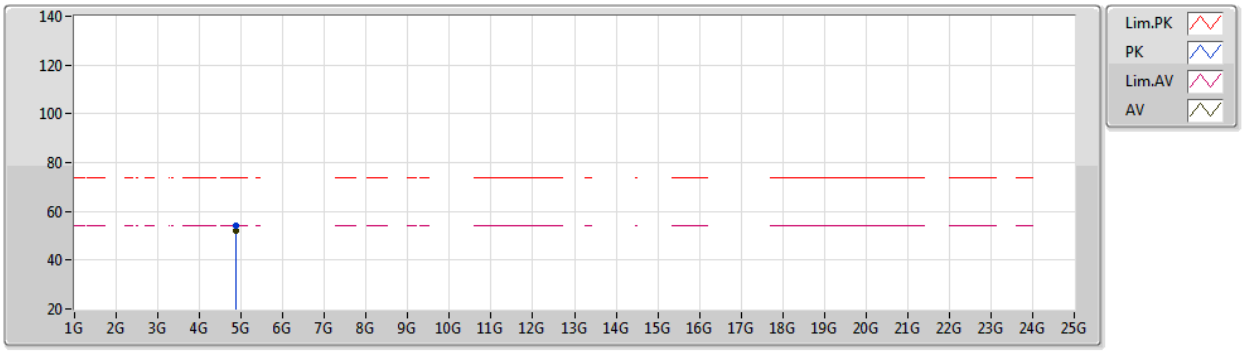
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	64.45	74.00	-9.55	34.24	3	Horizontal	340	1.82	-	27.51	2.70	-
AV	2.3898G	48.42	54.00	-5.58	18.21	3	Horizontal	340	1.82	-	27.51	2.70	-
PK	2.4426G	123.62	Inf	-Inf	93.25	3	Horizontal	340	1.82	-	27.67	2.70	-
AV	2.439G	114.93	Inf	-Inf	84.57	3	Horizontal	340	1.82	-	27.66	2.70	-
PK	2.4866G	61.58	74.00	-12.42	31.03	3	Horizontal	340	1.82	-	27.85	2.70	-
AV	2.4838G	48.08	54.00	-5.92	17.54	3	Horizontal	340	1.82	-	27.84	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



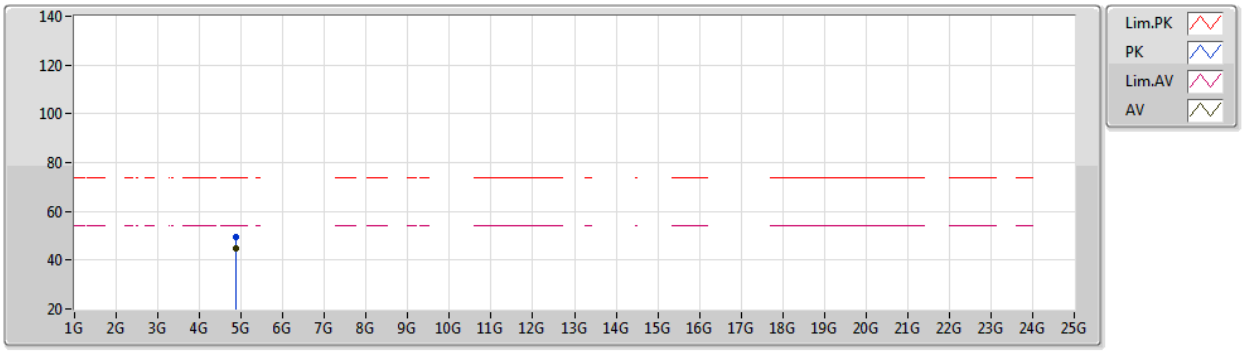
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87388G	54.31	74.00	-19.69	50.51	3	Vertical	275	1.33	-	32.80	4.61	33.61
AV	4.874G	52.04	54.00	-1.96	48.24	3	Vertical	275	1.33	-	32.80	4.61	33.61

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



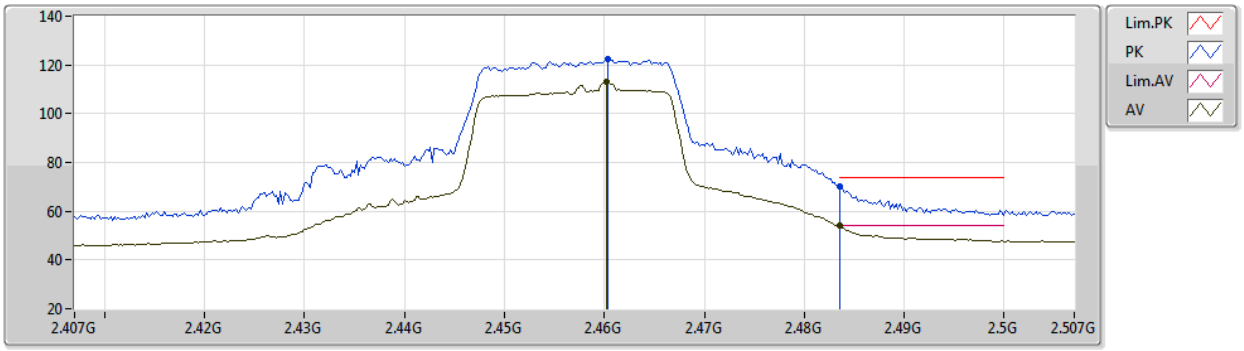
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8738G	49.30	74.00	-24.70	45.50	3	Horizontal	149	1.16	-	32.80	4.61	33.61
AV	4.874G	44.66	54.00	-9.34	40.86	3	Horizontal	149	1.16	-	32.80	4.61	33.61

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

24/12/2019



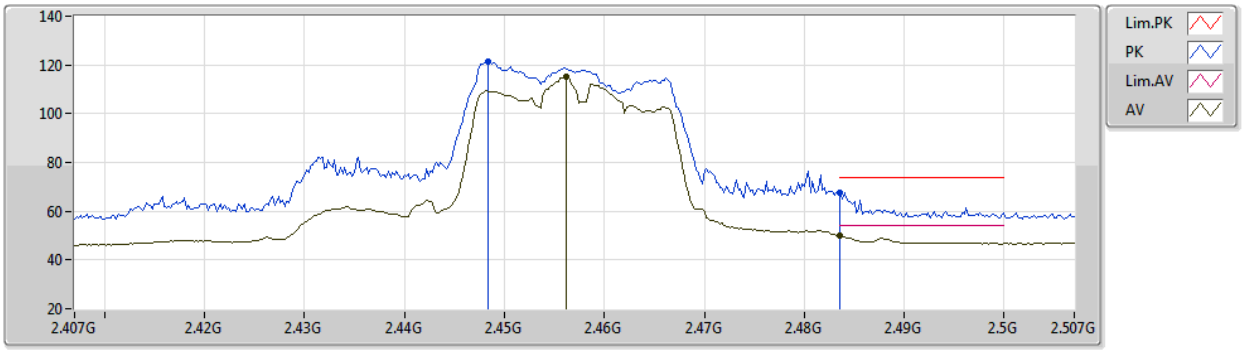
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4604G	122.18	Inf	-Inf	91.74	3	Vertical	46	2.23	-	27.74	2.70	-
AV	2.4602G	112.99	Inf	-Inf	82.55	3	Vertical	46	2.23	-	27.74	2.70	-
PK	2.4835G	70.04	74.00	-3.96	39.51	3	Vertical	46	2.23	-	27.83	2.70	-
AV	2.4835G	53.90	54.00	-0.10	23.37	3	Vertical	46	2.23	-	27.83	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

24/12/2019



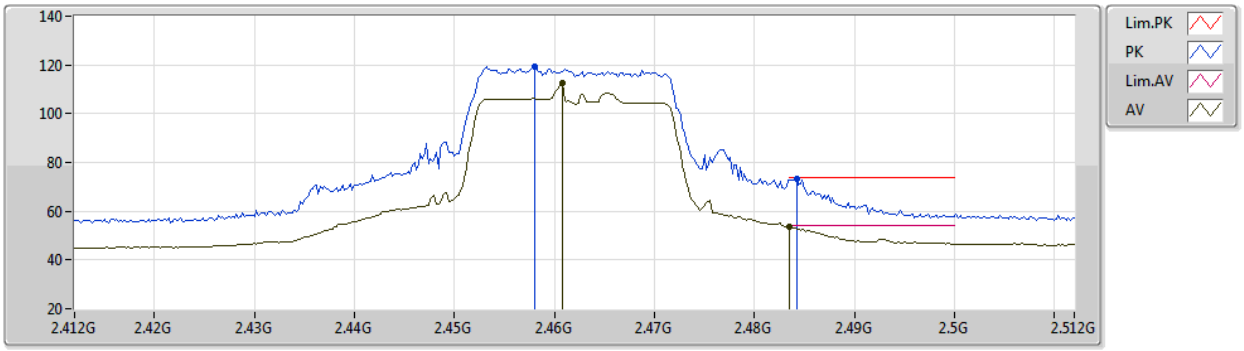
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4484G	121.40	Inf	-Inf	91.01	3	Horizontal	78	2.58	-	27.69	2.70	-
AV	2.4562G	115.08	Inf	-Inf	84.66	3	Horizontal	78	2.58	-	27.72	2.70	-
PK	2.4836G	67.54	74.00	-6.46	37.01	3	Horizontal	78	2.58	-	27.83	2.70	-
AV	2.4835G	49.90	54.00	-4.10	19.37	3	Horizontal	78	2.58	-	27.83	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

24/12/2019



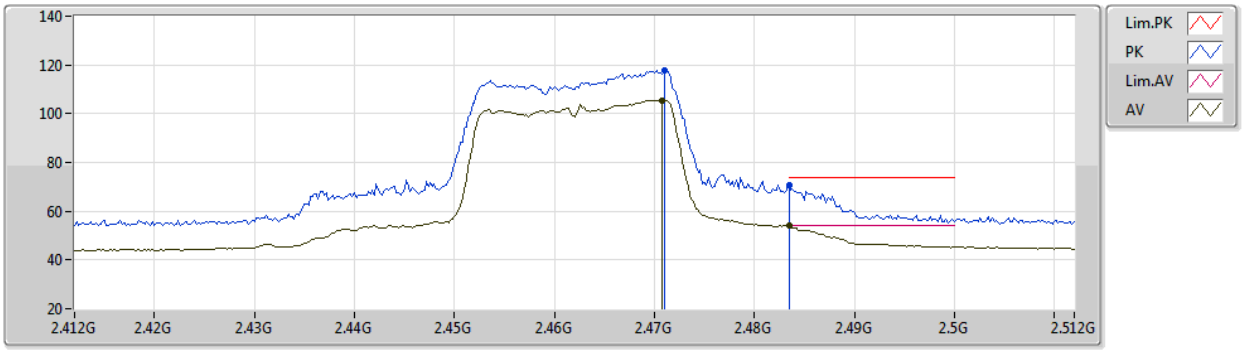
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.458G	119.22	Inf	-Inf	88.79	3	Vertical	272	1.79	-	27.73	2.70	-
AV	2.4608G	112.40	Inf	-Inf	81.96	3	Vertical	272	1.79	-	27.74	2.70	-
PK	2.4842G	73.46	74.00	-0.54	42.92	3	Vertical	272	1.79	-	27.84	2.70	-
AV	2.4835G	53.85	54.00	-0.15	23.32	3	Vertical	272	1.79	-	27.83	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

24/12/2019



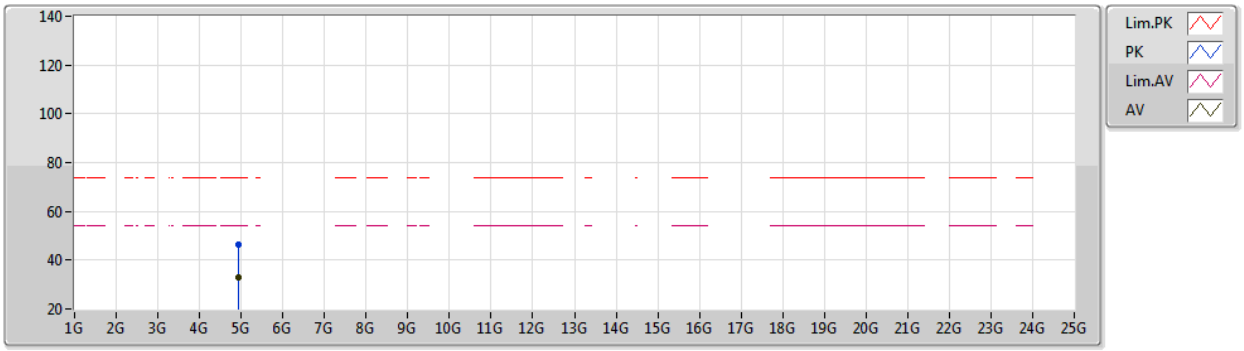
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.471G	117.61	Inf	-Inf	87.13	3	Horizontal	328	1.81	-	27.78	2.70	-
AV	2.4708G	105.58	Inf	-Inf	75.10	3	Horizontal	328	1.81	-	27.78	2.70	-
PK	2.4835G	70.91	74.00	-3.09	40.38	3	Horizontal	328	1.81	-	27.83	2.70	-
AV	2.4835G	53.91	54.00	-0.09	23.38	3	Horizontal	328	1.81	-	27.83	2.70	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

24/12/2019



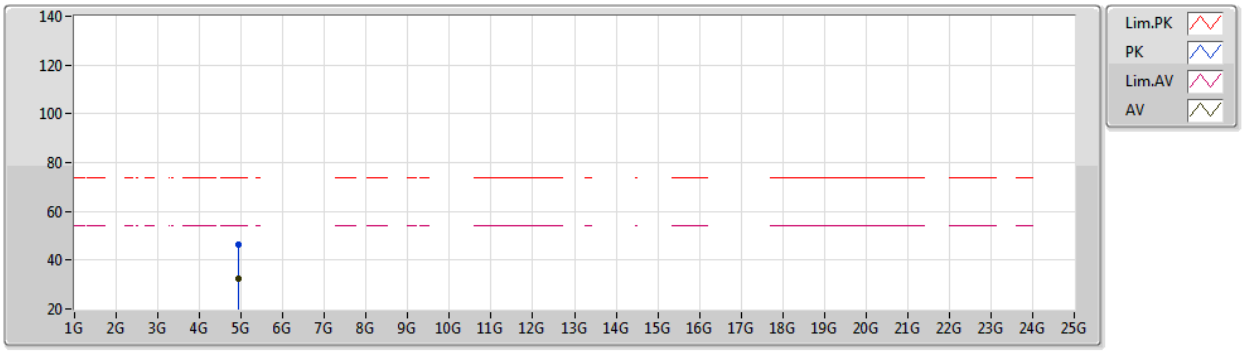
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92487G	46.53	74.00	-27.47	42.48	3	Vertical	284	1.80	-	32.95	4.69	33.59
AV	4.92596G	32.84	54.00	-21.16	28.79	3	Vertical	284	1.80	-	32.95	4.69	33.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

24/12/2019



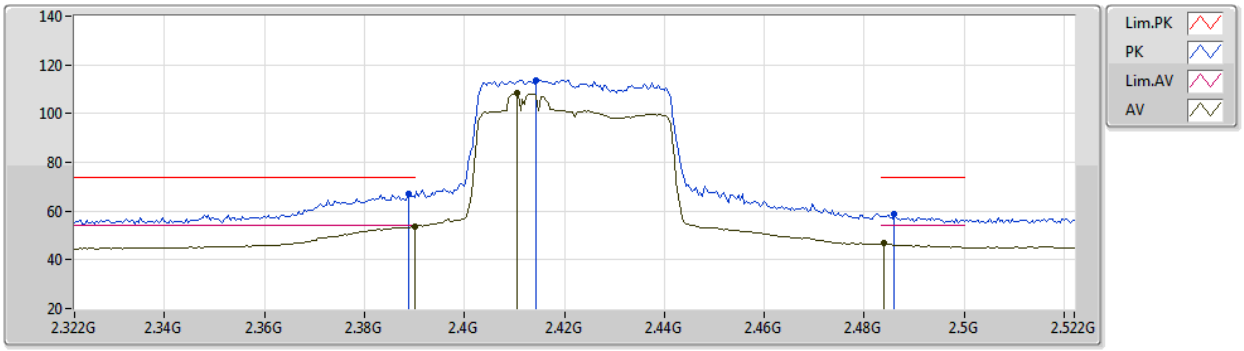
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92473G	46.30	74.00	-27.70	42.25	3	Horizontal	24	2.94	-	32.95	4.69	33.59
AV	4.92601G	32.28	54.00	-21.72	28.23	3	Horizontal	24	2.94	-	32.95	4.69	33.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

24/12/2019



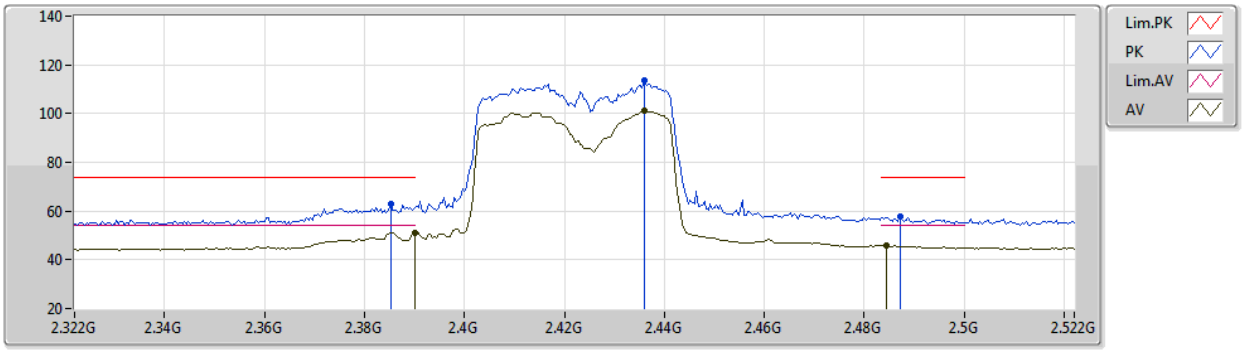
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	66.93	74.00	-7.07	36.72	3	Vertical	0	2.12	-	27.51	2.70	-
AV	2.39G	53.77	54.00	-0.23	23.56	3	Vertical	0	2.12	-	27.51	2.70	-
PK	2.4144G	113.87	Inf	-Inf	83.61	3	Vertical	0	2.12	-	27.56	2.70	-
AV	2.4104G	108.19	Inf	-Inf	77.95	3	Vertical	0	2.12	-	27.54	2.70	-
PK	2.486G	59.03	74.00	-14.97	28.49	3	Vertical	0	2.12	-	27.84	2.70	-
AV	2.484G	46.78	54.00	-7.22	16.24	3	Vertical	0	2.12	-	27.84	2.70	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

24/12/2019



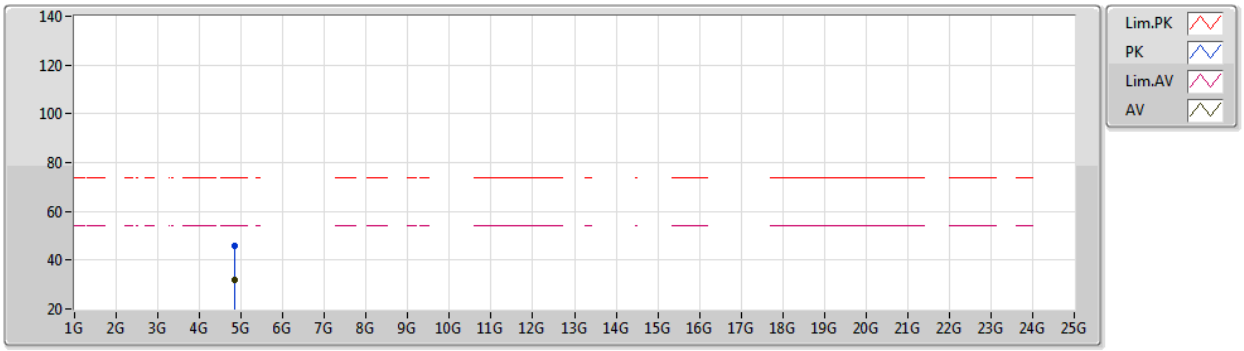
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3852G	63.05	74.00	-10.95	32.84	3	Horizontal	57	2.80	-	27.51	2.70	-
AV	2.39G	51.18	54.00	-2.82	20.97	3	Horizontal	57	2.80	-	27.51	2.70	-
PK	2.436G	113.46	Inf	-Inf	83.12	3	Horizontal	57	2.80	-	27.64	2.70	-
AV	2.436G	100.96	Inf	-Inf	70.62	3	Horizontal	57	2.80	-	27.64	2.70	-
PK	2.4872G	58.00	74.00	-16.00	27.45	3	Horizontal	57	2.80	-	27.85	2.70	-
AV	2.4844G	45.96	54.00	-8.04	15.42	3	Horizontal	57	2.80	-	27.84	2.70	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

24/12/2019



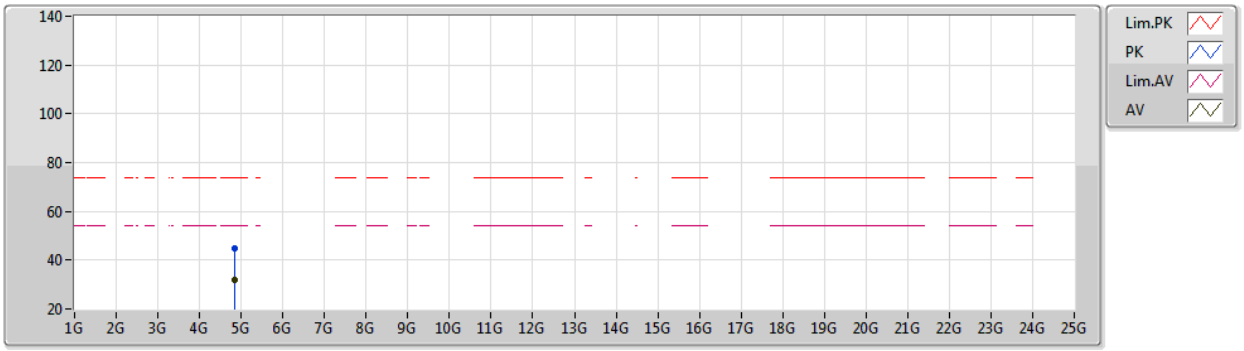
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84575G	45.78	74.00	-28.22	42.15	3	Vertical	356	2.13	-	32.68	4.57	33.62
AV	4.8415G	31.96	54.00	-22.04	28.35	3	Vertical	356	2.13	-	32.67	4.56	33.62

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

24/12/2019



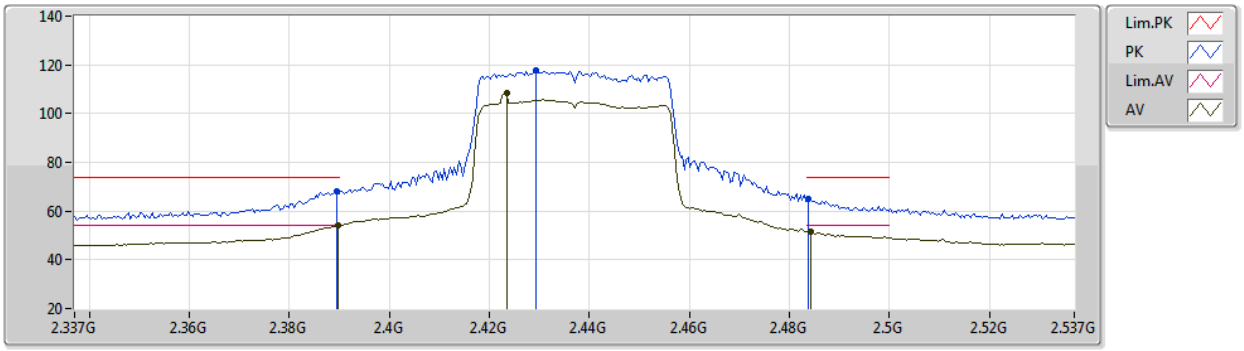
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84237G	44.84	74.00	-29.16	41.23	3	Horizontal	342	1.36	-	32.67	4.56	33.62
AV	4.8441G	31.90	54.00	-22.10	28.27	3	Horizontal	342	1.36	-	32.68	4.57	33.62

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



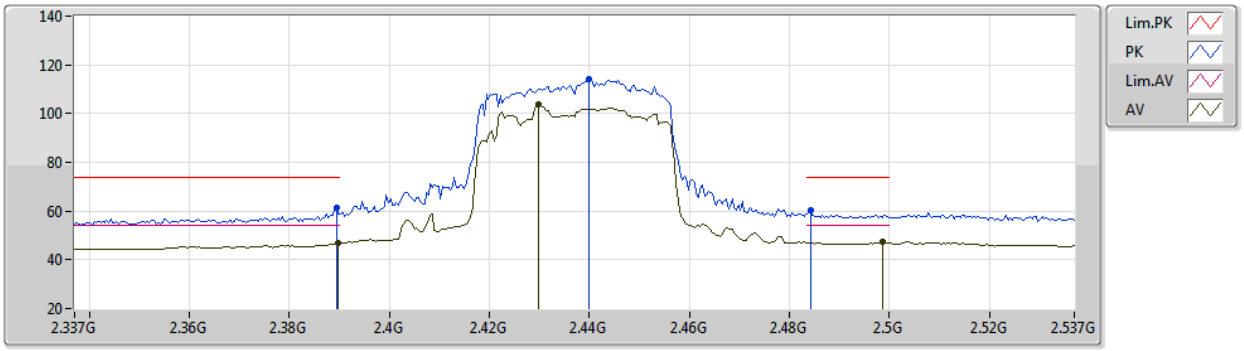
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	68.03	74.00	-5.97	37.82	3	Vertical	56	1.80	-	27.51	2.70	-
AV	2.3898G	53.88	54.00	-0.12	23.67	3	Vertical	56	1.80	-	27.51	2.70	-
PK	2.4294G	117.59	Inf	-Inf	87.27	3	Vertical	56	1.80	-	27.62	2.70	-
AV	2.4234G	108.55	Inf	-Inf	78.26	3	Vertical	56	1.80	-	27.59	2.70	-
PK	2.4838G	65.02	74.00	-8.98	34.48	3	Vertical	56	1.80	-	27.84	2.70	-
AV	2.4842G	51.50	54.00	-2.50	20.96	3	Vertical	56	1.80	-	27.84	2.70	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



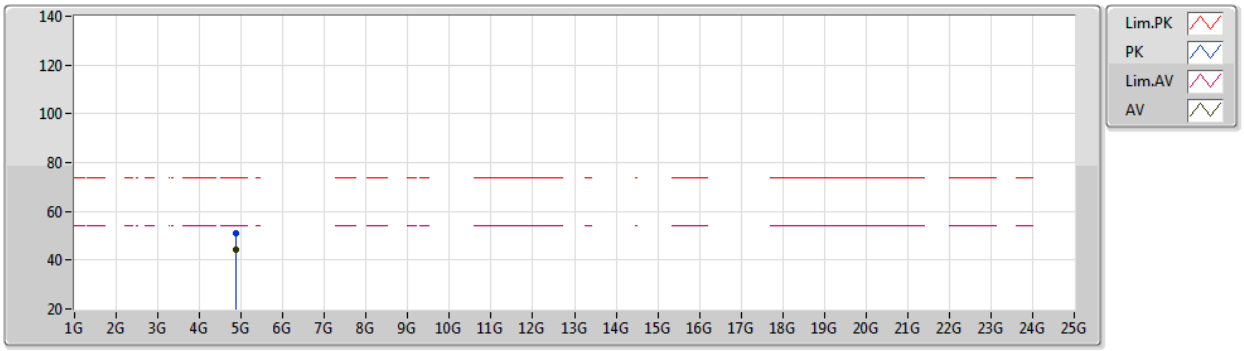
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	61.62	74.00	-12.38	31.41	3	Horizontal	72	2.63	-	27.51	2.70	-
AV	2.3898G	46.75	54.00	-7.25	16.54	3	Horizontal	72	2.63	-	27.51	2.70	-
PK	2.4398G	113.90	Inf	-Inf	83.54	3	Horizontal	72	2.63	-	27.66	2.70	-
AV	2.4298G	103.59	Inf	-Inf	73.27	3	Horizontal	72	2.63	-	27.62	2.70	-
PK	2.4842G	60.34	74.00	-13.66	29.80	3	Horizontal	72	2.63	-	27.84	2.70	-
AV	2.4986G	47.58	54.00	-6.42	16.99	3	Horizontal	72	2.63	-	27.89	2.70	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



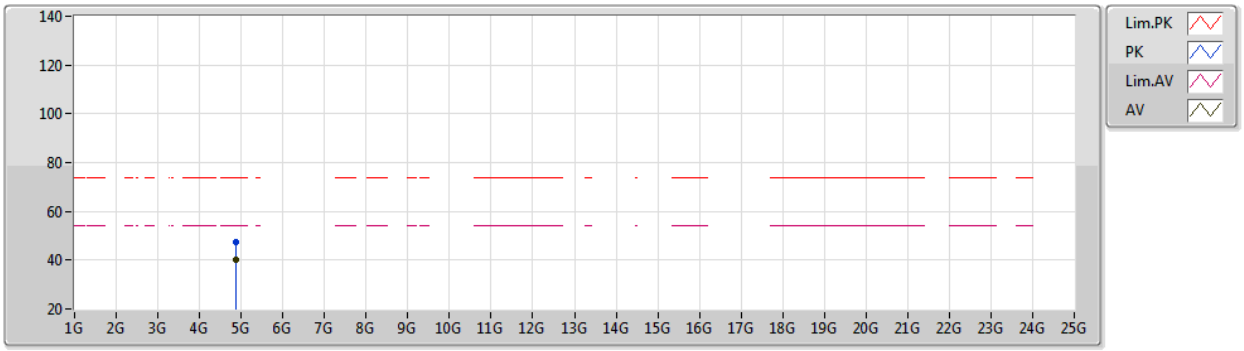
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87322G	50.92	74.00	-23.08	47.13	3	Vertical	198	2.91	-	32.79	4.61	33.61
AV	4.87399G	44.44	54.00	-9.56	40.64	3	Vertical	198	2.91	-	32.80	4.61	33.61

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

24/12/2019



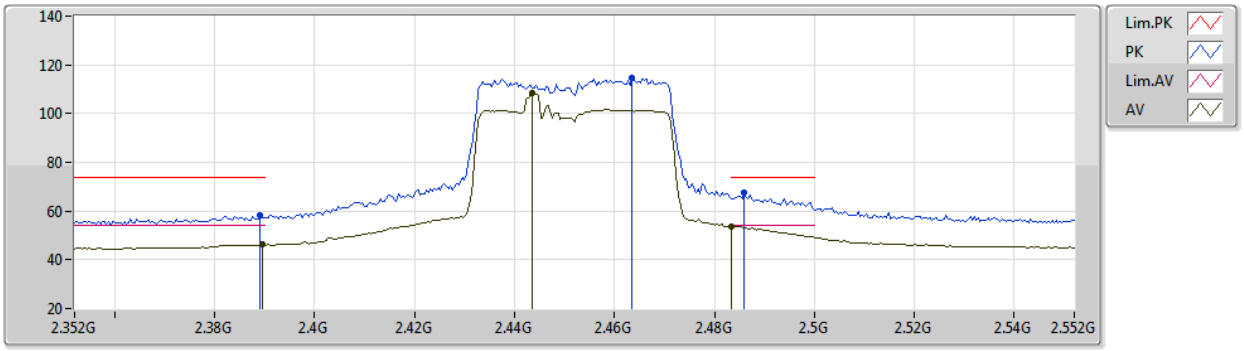
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87224G	47.27	74.00	-26.73	43.48	3	Horizontal	16	1.22	-	32.79	4.61	33.61
AV	4.87239G	39.98	54.00	-14.02	36.19	3	Horizontal	16	1.22	-	32.79	4.61	33.61

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

24/12/2019



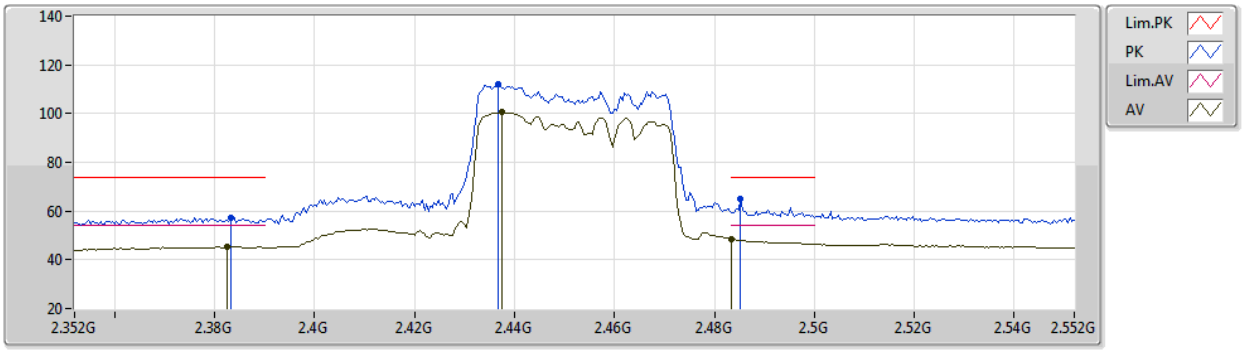
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	58.35	74.00	-15.65	28.14	3	Vertical	50	2.31	-	27.51	2.70	-
AV	2.3896G	46.42	54.00	-7.58	16.21	3	Vertical	50	2.31	-	27.51	2.70	-
PK	2.4636G	114.42	Inf	-Inf	83.97	3	Vertical	50	2.31	-	27.75	2.70	-
AV	2.4436G	108.19	Inf	-Inf	77.82	3	Vertical	50	2.31	-	27.67	2.70	-
PK	2.486G	67.55	74.00	-6.45	37.01	3	Vertical	50	2.31	-	27.84	2.70	-
AV	2.4835G	53.79	54.00	-0.21	23.26	3	Vertical	50	2.31	-	27.83	2.70	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

24/12/2019



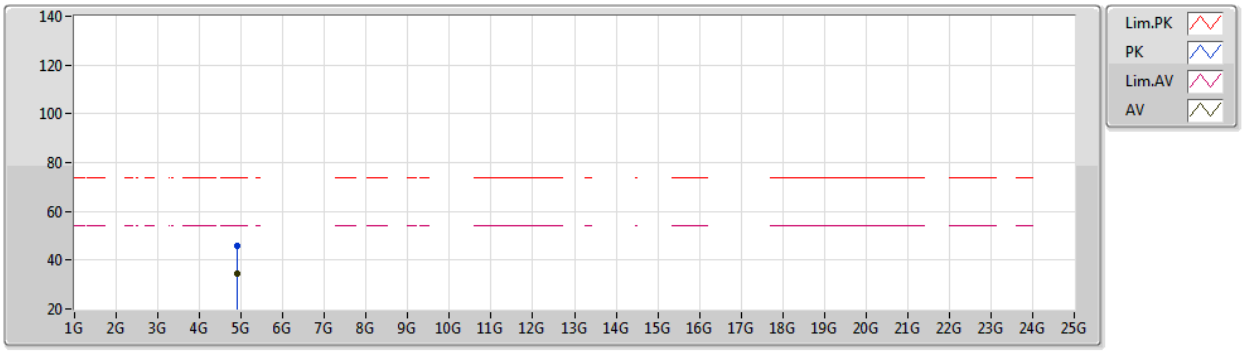
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3832G	57.15	74.00	-16.85	26.93	3	Horizontal	60	2.68	-	27.52	2.70	-
AV	2.3824G	45.31	54.00	-8.69	15.09	3	Horizontal	60	2.68	-	27.52	2.70	-
PK	2.4368G	111.82	Inf	-Inf	81.47	3	Horizontal	60	2.68	-	27.65	2.70	-
AV	2.4376G	100.45	Inf	-Inf	70.10	3	Horizontal	60	2.68	-	27.65	2.70	-
PK	2.4852G	65.09	74.00	-8.91	34.55	3	Horizontal	60	2.68	-	27.84	2.70	-
AV	2.4835G	48.43	54.00	-5.57	17.90	3	Horizontal	60	2.68	-	27.83	2.70	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

24/12/2019



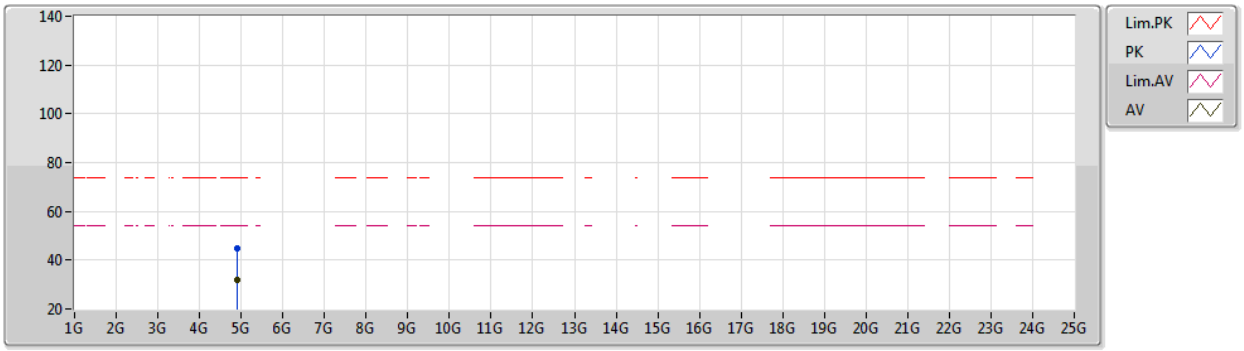
EUT Y_4TX
04-F-Z-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90623G	45.65	74.00	-28.35	41.68	3	Vertical	84	1.06	-	32.91	4.66	33.60
AV	4.90331G	34.61	54.00	-19.39	30.65	3	Vertical	84	1.06	-	32.91	4.65	33.60

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

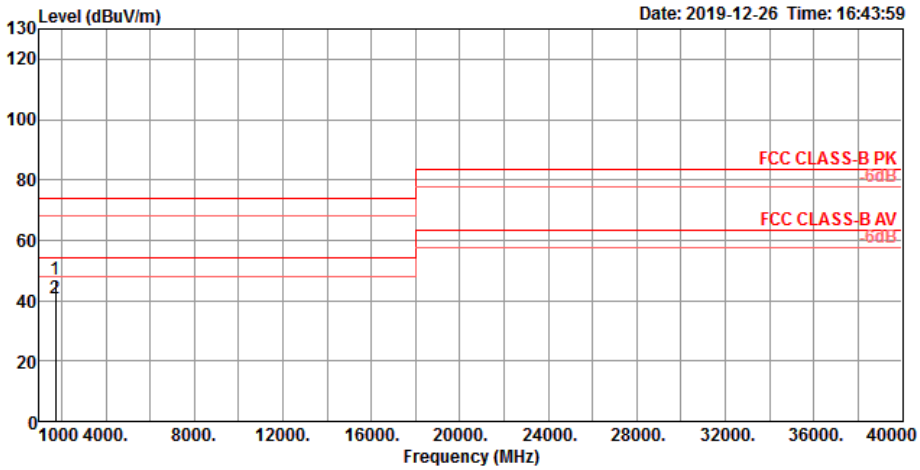
24/12/2019



EUT Y_4TX
04-F-Z-1

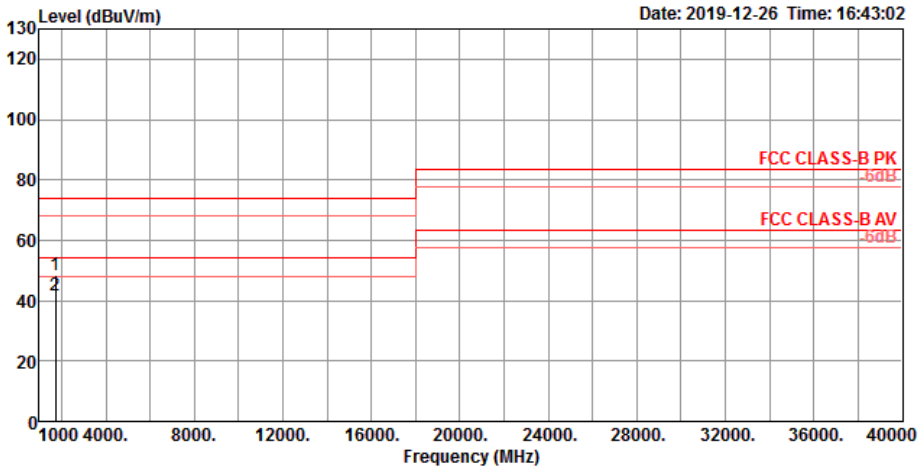
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90477G	44.63	74.00	-29.37	40.66	3	Horizontal	102	2.17	-	32.91	4.66	33.60
AV	4.9019G	32.01	54.00	-21.99	28.06	3	Horizontal	102	2.17	-	32.90	4.65	33.60

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	1733.32	46.85	74.00	-27.15	51.09	3.84	26.52	34.60	115	125	Peak	HORIZONTAL
2	1733.88	40.87	54.00	-13.13	45.11	3.84	26.52	34.60	115	125	Average	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	1723.04	48.52	74.00	-25.48	52.81	3.83	26.48	34.60	114	254	Peak	VERTICAL
2	1723.64	41.83	54.00	-12.17	46.12	3.83	26.48	34.60	114	254	Average	VERTICAL