Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	S9GT750
Equipment	:	Access point
Brand Name	:	RUCKUS
Model Name	:	T750SE
Applicant	:	Ruckus Wireless Inc. 350 W. Java Dr., Sunnyvale CA 94089 USA
Manufacturer	:	Ruckus Wireless Inc. 350 W. Java Dr., Sunnyvale CA 94089 USA
Standard	:	47 CFR FCC Part 15.247

The product was received on Jun. 30, 2020, and testing was started from Jun. 30, 2020 and completed on Aug. 24, 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 test results in this variant 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
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Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR971655-04AA	01	Initial issue of report	Sep. 10, 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: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	11b	20	4TX
2.4-2.4835GHz	11g	20	4TX
2.4-2.4835GHz	11 n HT 20	20	4TX
2.4-2.4835GHz	11 n HT 20-BF	20	4TX
2.4-2.4835GHz	11 ax HEW 20	20	4TX
2.4-2.4835GHz	11 ax HEW 20-BF	20	4TX
2.4-2.4835GHz	11 n HT 40	40	4TX
2.4-2.4835GHz	11 n HT 40-BF	40	4TX
2.4-2.4835GHz	11 ax HEW 40	40	4TX
2.4-2.4835GHz	11 ax HEW 40-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.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Set	Port	Antenna Polarization	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		Remark
							2.4GHz	5GHz	
1	1	V	Laird	PDM245115H	MIMO Antenna	N Type	14	14.5	External
	2	H							
	3	H							
	4	V							
2	1	V	Ruckus	Sector Plane	PCB 4 Element Dipole Array	I-PEX	6	8	Internal
	2	H							
	3	H							
	4	V							

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has two sets of antennas.

Note 3: V means Vertical. H means Horizontal.

For 2.4GHz function:

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

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

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

For 5GHz function:

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

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

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

1.1.3 Mode Test Duty Cycle

For External antenna

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.96	0.18	12.694m	100
802.11g	0.937	0.28	1.98m	1k
802.11ax HEW20	0.943	0.25	5.448m	300
802.11ax HEW20-BF	0.943	0.25	5.448m	300
802.11ax HEW40	0.965	0.15	5.448m	300
802.11ax HEW40-BF	0.965	0.15	5.448m	300

For Internal antenna

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.958	0.19	12.626m	100
802.11g	0.928	0.32	1.978m	1k
802.11ax HEW20	0.9	0.46	5.437m	300
802.11ax HEW20-BF	0.9	0.46	5.437m	300
802.11ax HEW40	0.937	0.28	5.447m	300
802.11ax HEW40-BF	0.937	0.28	5.447m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From AC power or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/ax in 2.4GHz and n/ac/ax in 5GHz			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Putty v0.62			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Supports Functions:

Function	Support Type
AP Router	Master
Mesh	Master

1.1.6 Table for Class II Change

This product is an extension of original one reported under Sporton project number: 971655

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Add a new model “T750SE”, which change the internal antenna, add the external antenna and add 160MHz.	It was performed for all tests.

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

The following reference test guidance is not within the scope of accreditation of TAF.

- 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	TH03-CB	Ekko Hsieh	25.1-28.7°C / 40-41%	Jul. 03, 2020 ~ Jul. 04, 2020
Radiated (Emissions in Restricted Frequency Bands below 1GHz-External antenna)	03CH05-CB	Eason Chen	24.1-24.9°C / 55-56 %	Jun. 30, 2020 ~ Aug. 24, 2020
	03CH06-CB	Eason Chen	23.6-25.7°C / 54-56 %	
Radiated (Emissions in Restricted Frequency Bands below 1GHz-Internal antenna)	03CH05-CB	Eason Chen	24.1-25.8°C / 54-56%	Jun. 30, 2020 ~ Aug. 24, 2020
Radiated (Emissions in Restricted Frequency Bands above 1GHz-External antenna)	03CH03-CB	Eason Chen	24.4-25.3°C / 54-56%	Jun. 30, 2020 ~ Aug. 24, 2020
Radiated (Emissions in Restricted Frequency Bands above 1GHz-Internal antenna)	03CH06-CB	Eason Chen	24.6-25.9°C / 53-57%	Jun. 30, 2020 ~ Aug. 24, 2020
Radiated (Radiated Emission Co-location-External antenna)	03CH01-CB	Eason Chen	24.5-25.7°C / 53-58%	Jun. 30, 2020 ~ Aug. 24, 2020
Radiated (Radiated Emission Co-location-Internal antenna)	03CH05-CB	Eason Chen	24.4-25.3C / 53-56%	Jun. 30, 2020 ~ Aug. 24, 2020
AC Conduction	CO01-CB	GN Hou	20~22C / 63~65%	Aug. 05, 2020 ~ Aug. 10, 2020

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)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.39%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For External antenna

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	32
2437MHz	33
2457MHz	33
2462MHz	33
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	35
2417MHz	34
2437MHz	35
2457MHz	35
2462MHz	35
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	35
2417MHz	35
2437MHz	35
2457MHz	35
2462MHz	35
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	34
2427MHz	33
2437MHz	27
2447MHz	21
2452MHz	19
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	29
2417MHz	29
2437MHz	29
2457MHz	29
2462MHz	29
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	28
2427MHz	27
2437MHz	27
2447MHz	21
2452MHz	19

For Internal antenna

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	46
2437MHz	46
2462MHz	46
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	40
2417MHz	45
2437MHz	46
2457MHz	43
2462MHz	34
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	38
2417MHz	43
2437MHz	46
2457MHz	40
2462MHz	38
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	37
2427MHz	37
2437MHz	36
2447MHz	31
2452MHz	29
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	38
2417MHz	43
2437MHz	46
2457MHz	40
2462MHz	38
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	37
2427MHz	37
2437MHz	36
2447MHz	31
2452MHz	29

Note:
- The EUT supports beamforming and CDD modes for 2.4GHz: 802.11n/ax, 5GHz: 802.11n/ac/ax, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

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	CTX
1	EUT-WLAN 2.4GHz + PoE + External antenna
2	EUT-WLAN 2.4GHz + AC power + External antenna
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode	
3	EUT-WLAN 5GHz + PoE + External antenna
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
Operating Mode	CTX
1	EUT with External antenna
2	EUT with Internal antenna

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
For External antenna The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. **For Internal antenna** The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT at Y-axis-WLAN 2.4GHz + PoE + Internal antenna
2	EUT at Y-axis-WLAN 2.4GHz + AC power + Internal antenna
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3~5 will	

follow this same test mode	
3	EUT at Y-axis-WLAN 5GHz + PoE + Internal antenna
4	EUT at Z-axis-WLAN 2.4GHz + PoE + External antenna
5	EUT at Z-axis-WLAN 5GHz + PoE + External antenna
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
For External antenna The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. **For Internal antenna** The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT at Z-axis + External antenna
2	EUT at Y-axis + Internal antenna

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
For External antenna The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. **For Internal antenna** The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT at Z-axis+External antenna-WLAN 2.4GHz+WLAN 5GHz
2	EUT at Y-axis+Internal antenna-WLAN 2.4GHz+WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
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	External antenna-WLAN 2.4GHz+WLAN 5GHz+Bluetooth+Zigbee
2	Internal antenna-WLAN 2.4GHz+WLAN 5GHz+Bluetooth+Zigbee
Refer to Sporton Test Report No.: FA971655-04 for Co-location RF Exposure Evaluation.	

Note:
The PoE is for measurement only, would not be marketed.

Support Unit	Brand	Model
PoE	Ruckus	GRT-480125A(740-64284-001)

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories
Antenna cable*4

2.5 Support Equipment

For AC Conduction:

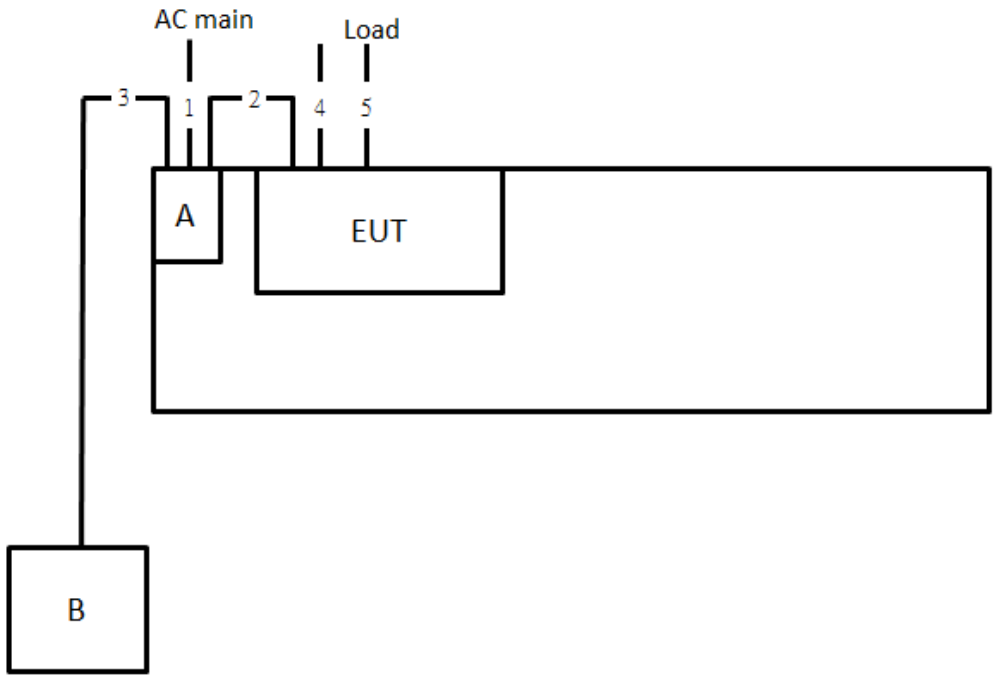
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Ruckus	GRT-480125A (740-64284-001)	N/A
B	LAN NB	DELL	E6430	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	Ruckus	GRT-480125A (740-64284-001)	N/A

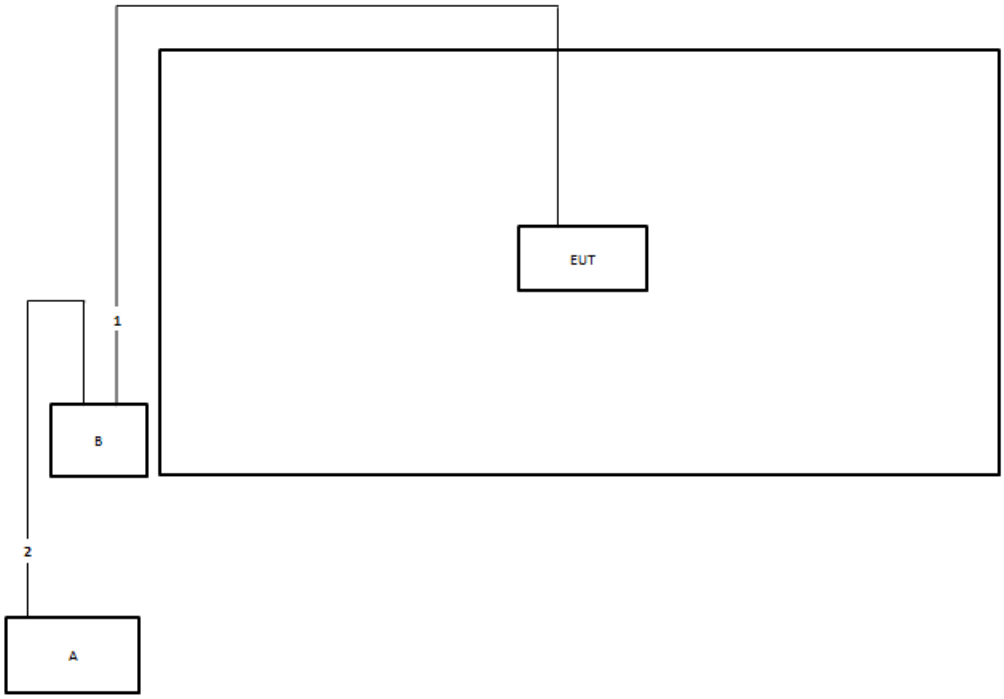
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Ground cable	No	0.8m
5	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test



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

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

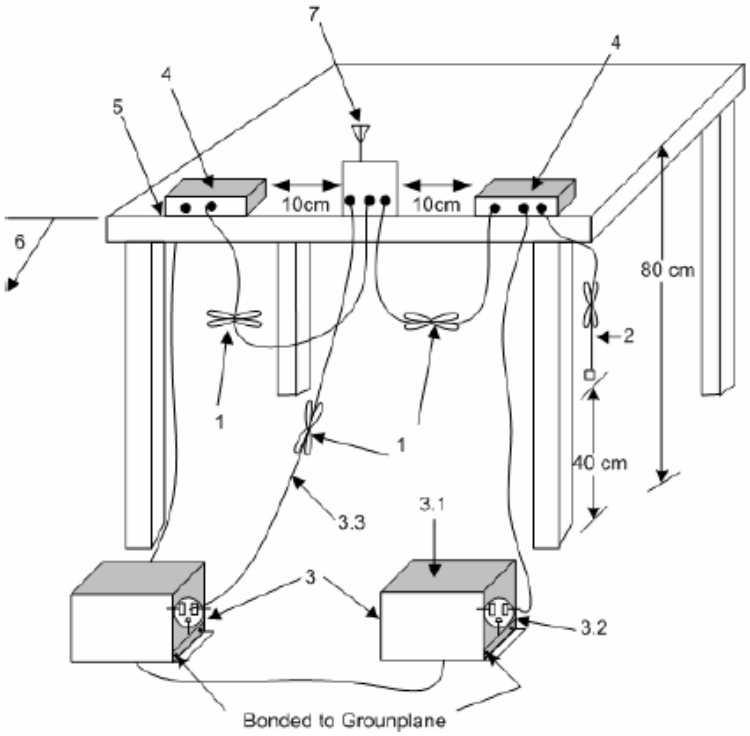
Refer a test equipment and calibration data table in this test report.

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 Measurement Results Calculation

The measured Level is calculated using:

a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level

b. Margin = -Limit + Level

3.1.6 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.

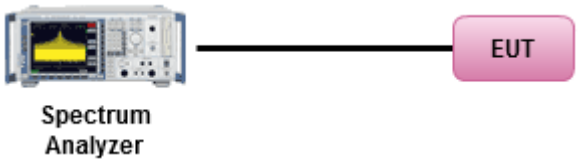
3.2.2 Measuring Instruments

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

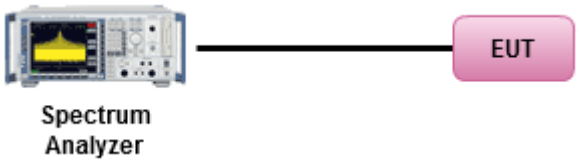
3.4.2 Measuring Instruments

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 Method Max. PSD.	
▪ 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.	

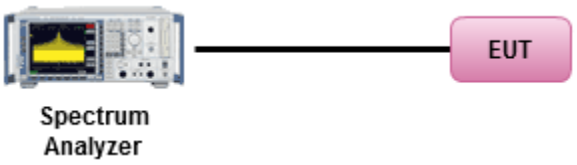
3.5.2 Measuring Instruments

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.

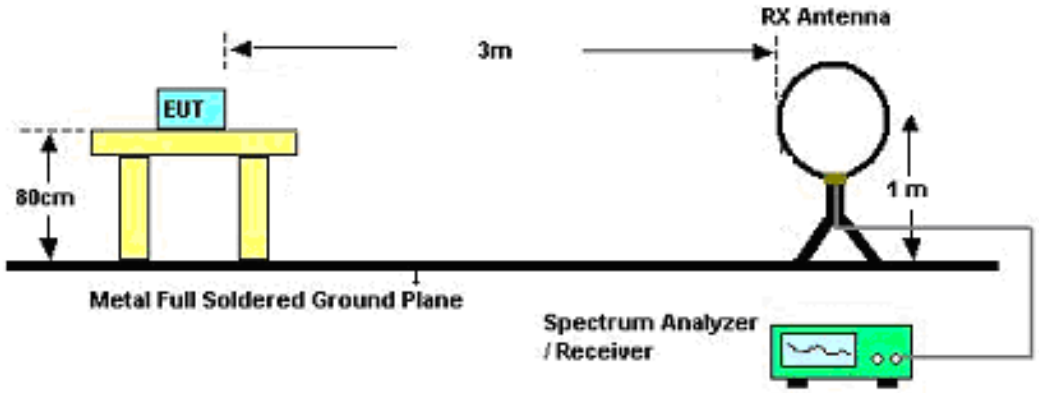
3.6.3 Test Procedures

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.		

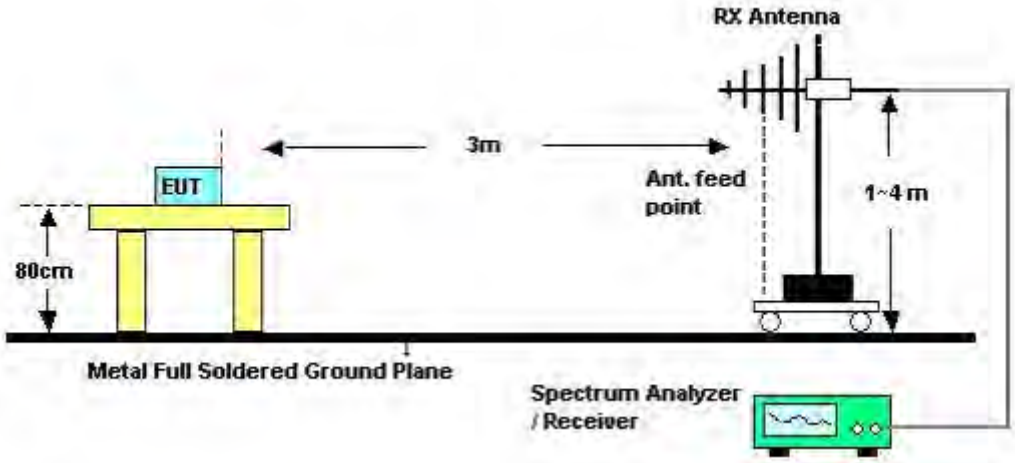
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

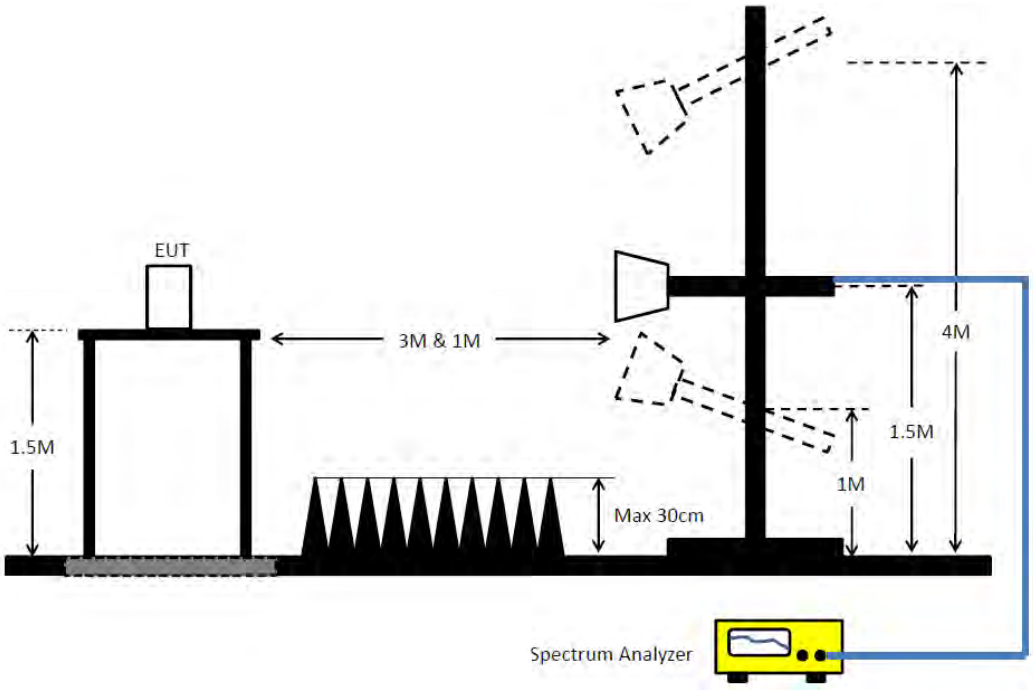
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = 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 10th 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	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2019	Nov. 03, 2020	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2020	Jan. 07, 2021	Radiation (03CH01-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Apr. 16, 2020	Apr. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 20, 2020	Jan. 19, 2021	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH03-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 26.5GHz	Aug. 02, 2019	Aug. 01, 2020	Radiation (03CH03-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27 (spare)	1GHz ~ 18GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27 (spare)	1GHz ~ 18GHz	Jul. 03, 2020	Ju1. 02, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Apr. 15, 2020	Apr. 14, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH05-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 03, 2019	Aug. 02, 2020	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 17, 2019	Jul. 16, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH06-CB)
Horn Antenna	COM-POWER	AH-118	071028	1GHz ~ 18GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 21, 2020	May 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH06-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	HUBER+SUHNER	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

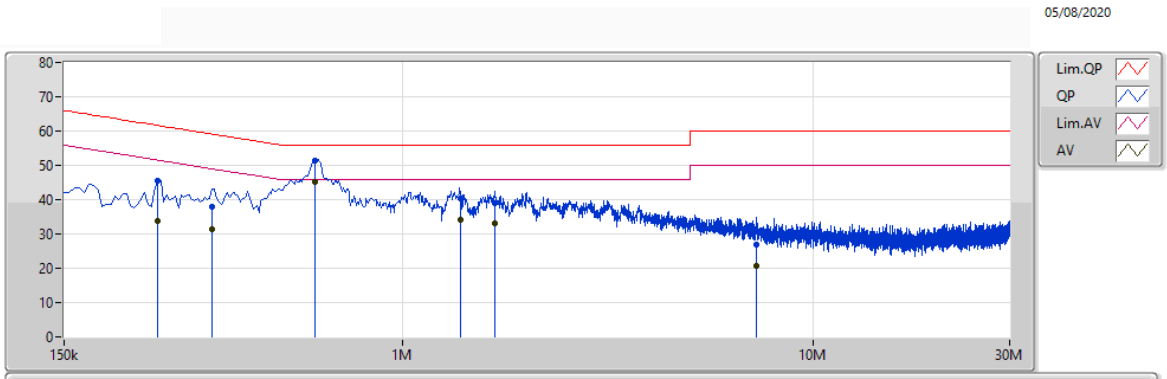
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

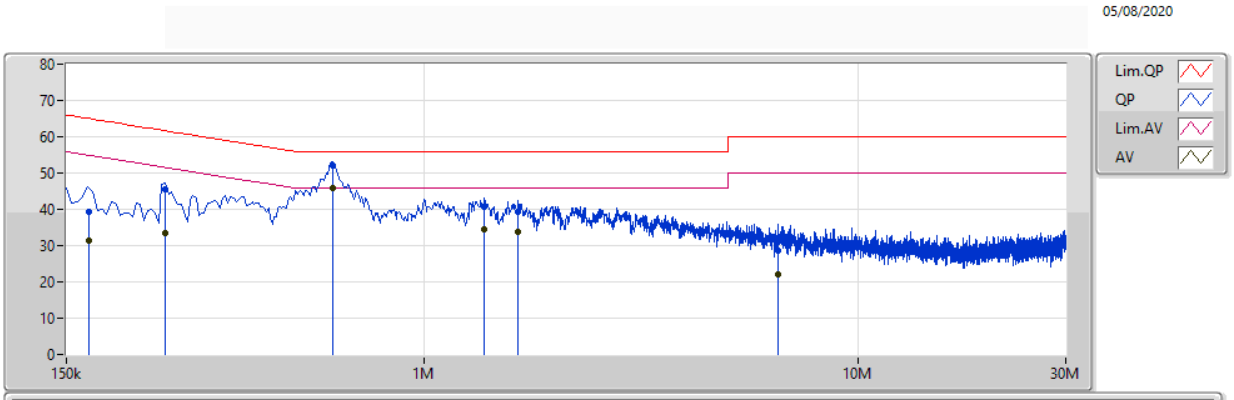
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	615.5k	45.92	46.00	-0.08	Neutral

Test Mode: Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	253.5k	45.51	61.64	-16.13	9.87	Line	-	35.64	0.04	0.03	9.80
AV	253.5k	33.63	51.64	-18.01	9.87	Line	-	23.76	0.04	0.03	9.80
QP	343.5k	37.82	59.12	-21.30	9.88	Line	-	27.94	0.04	0.03	9.81
AV	343.5k	31.31	49.12	-17.81	9.88	Line	-	21.43	0.04	0.03	9.81
QP	613.5k	51.26	56.00	-4.74	9.88	Line	-	41.38	0.04	0.03	9.81
AV	613.5k	45.21	46.00	-0.79	9.88	Line	"Worst"	35.33	0.04	0.03	9.81
QP	1.379M	40.20	56.00	-15.80	9.92	Line	-	30.28	0.05	0.05	9.82
AV	1.379M	34.23	46.00	-11.77	9.92	Line	-	24.31	0.05	0.05	9.82
QP	1.671M	38.84	56.00	-17.16	9.95	Line	-	28.89	0.06	0.06	9.83
AV	1.671M	33.14	46.00	-12.86	9.95	Line	-	23.19	0.06	0.06	9.83
QP	7.247M	27.00	60.00	-33.00	10.16	Line	-	16.84	0.14	0.14	9.88
AV	7.247M	20.58	50.00	-29.42	10.16	Line	-	10.42	0.14	0.14	9.88



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	169.2k	39.21	65.01	-25.80	9.86	Neutral	-	29.35	0.04	0.03	9.79
AV	169.2k	31.45	55.01	-23.56	9.86	Neutral	-	21.59	0.04	0.03	9.79
QP	253.5k	45.68	61.64	-15.96	9.87	Neutral	-	35.81	0.04	0.03	9.80
AV	253.5k	33.57	51.64	-18.07	9.87	Neutral	-	23.70	0.04	0.03	9.80
QP	615.5k	52.07	56.00	-3.93	9.89	Neutral	-	42.18	0.05	0.03	9.81
AV	615.5k	45.92	46.00	-0.08	9.89	Neutral	"Worst"	36.03	0.05	0.03	9.81
QP	1.374M	40.52	56.00	-15.48	9.93	Neutral	-	30.59	0.06	0.05	9.82
AV	1.374M	34.40	46.00	-11.60	9.93	Neutral	-	24.47	0.06	0.05	9.82
QP	1.644M	39.40	56.00	-16.60	9.96	Neutral	-	29.44	0.07	0.06	9.83
AV	1.644M	33.81	46.00	-12.19	9.96	Neutral	-	23.85	0.07	0.06	9.83
QP	6.522M	28.57	60.00	-31.43	10.14	Neutral	-	18.43	0.13	0.14	9.87
AV	6.522M	22.06	50.00	-27.94	10.14	Neutral	-	11.92	0.13	0.14	9.87

For External antenna
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	8.05M	13.043M	13M0G1D	6.575M	12.719M
802.11g_Nss1,(6Mbps)_4TX	16.05M	16.467M	16M5D1D	15.025M	16.267M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.85M	18.991M	19M0D1D	16.575M	18.841M
802.11ax HEW40_Nss1,(MCS0)_4TX	38M	37.831M	37M8D1D	32.65M	37.481M

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

Result

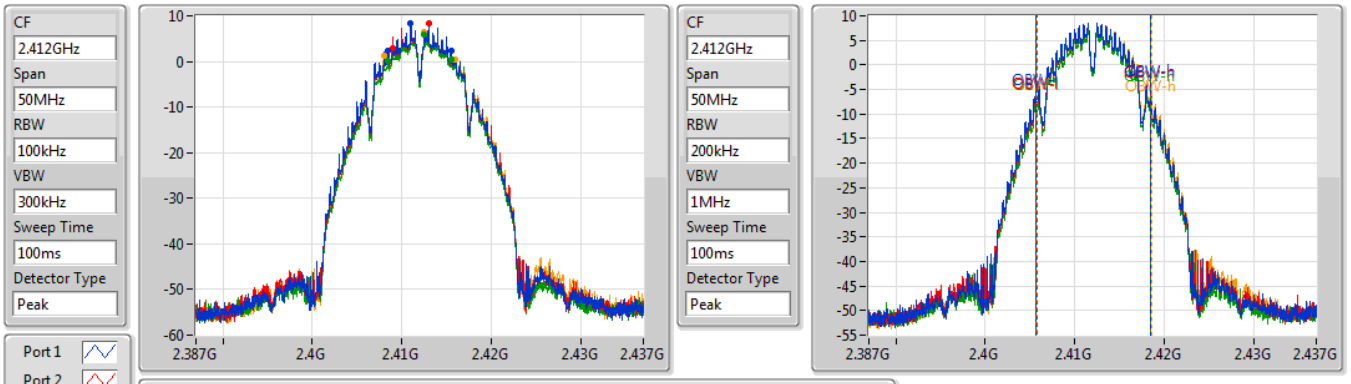
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7M	12.869M	6.575M	12.794M	7.125M	12.719M	8.05M	12.794M
2437MHz	Pass	500k	7.6M	12.944M	7.125M	12.944M	8M	12.969M	7.525M	13.043M
2462MHz	Pass	500k	7.125M	12.994M	7.525M	12.969M	6.575M	12.919M	7.3M	12.869M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.025M	16.292M	16.025M	16.367M	15.7M	16.317M	15.725M	16.392M
2437MHz	Pass	500k	15.025M	16.292M	16.05M	16.417M	15.6M	16.417M	16.025M	16.442M
2462MHz	Pass	500k	15.375M	16.317M	15.7M	16.467M	15.425M	16.267M	15.3M	16.367M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.85M	18.941M	17.875M	18.916M	16.575M	18.841M	16.65M	18.866M
2437MHz	Pass	500k	18.85M	18.966M	18.8M	18.941M	17.975M	18.916M	18.55M	18.941M
2462MHz	Pass	500k	18.75M	18.991M	18.625M	18.916M	18.5M	18.966M	17.95M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.25M	37.731M	36.95M	37.581M	36.8M	37.681M	32.65M	37.531M
2437MHz	Pass	500k	37.7M	37.731M	36.95M	37.631M	37.9M	37.831M	37.9M	37.831M
2452MHz	Pass	500k	38M	37.731M	36.25M	37.481M	37.2M	37.631M	35.3M	37.731M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

03/07/2020

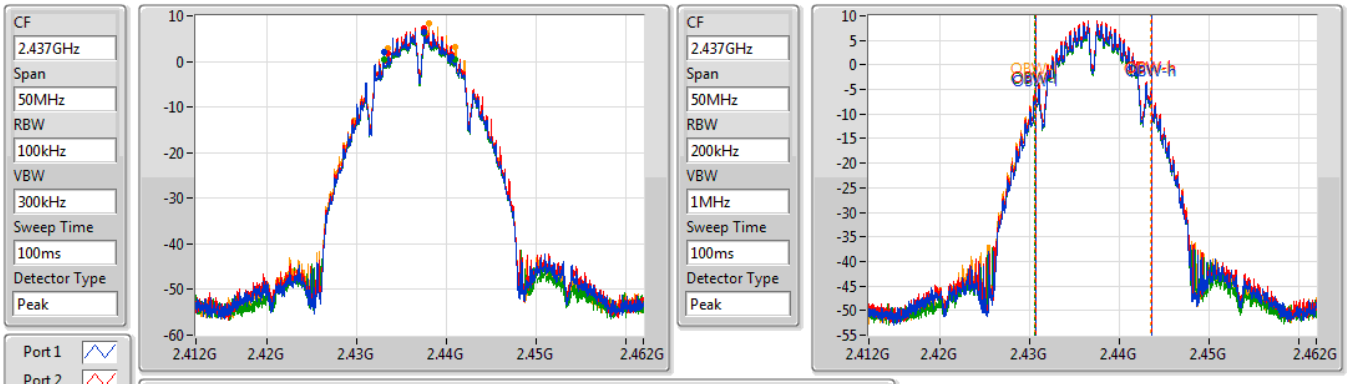


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7M	2.4085G	2.4155G	12.869M	2.405603G	2.418472G	500k	1
6.575M	2.40895G	2.415525G	12.794M	2.405678G	2.418472G	500k	2
7.125M	2.40845G	2.415575G	12.719M	2.405753G	2.418472G	500k	3
8.05M	2.407975G	2.416025G	12.794M	2.405853G	2.418647G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

03/07/2020

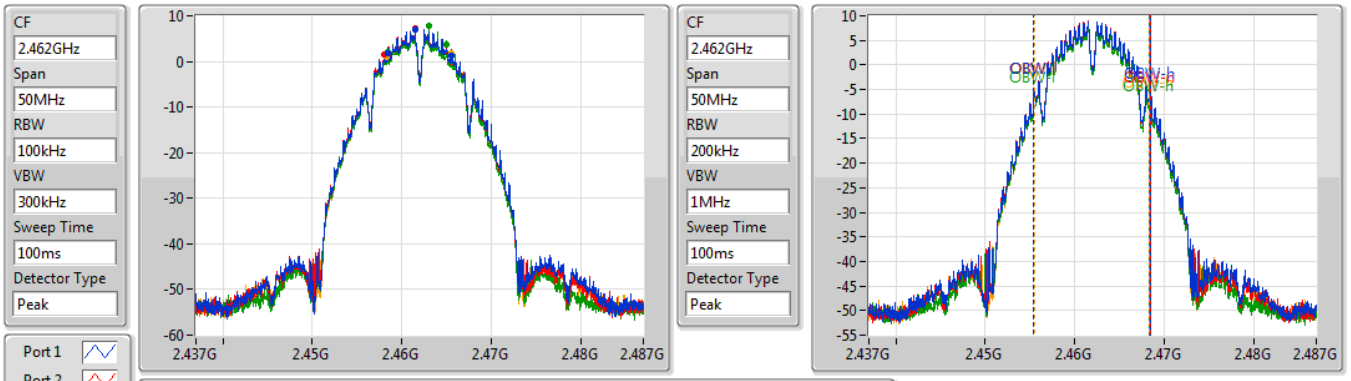


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.6M	2.432975G	2.440575G	12.944M	2.430603G	2.443547G	500k	1
7.125M	2.43345G	2.440575G	12.944M	2.430603G	2.443547G	500k	2
8M	2.433025G	2.441025G	12.969M	2.430578G	2.443547G	500k	3
7.525M	2.4335G	2.441025G	13.043M	2.430478G	2.443522G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

03/07/2020

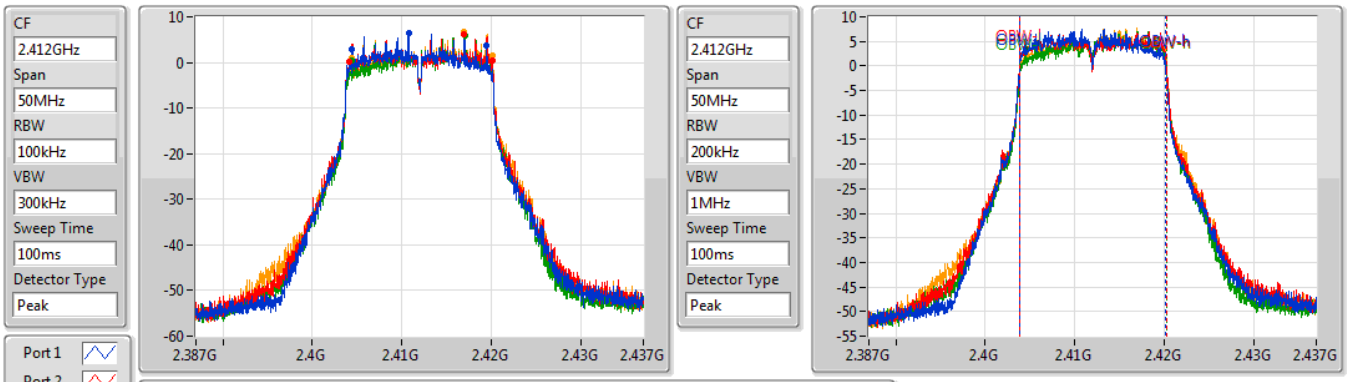


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.125M	2.45845G	2.465575G	12.994M	2.455453G	2.468447G	500k	1
7.525M	2.45805G	2.465575G	12.969M	2.455453G	2.468422G	500k	2
6.575M	2.458475G	2.46505G	12.919M	2.455428G	2.468347G	500k	3
7.3M	2.45825G	2.46555G	12.869M	2.455503G	2.468372G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

03/07/2020

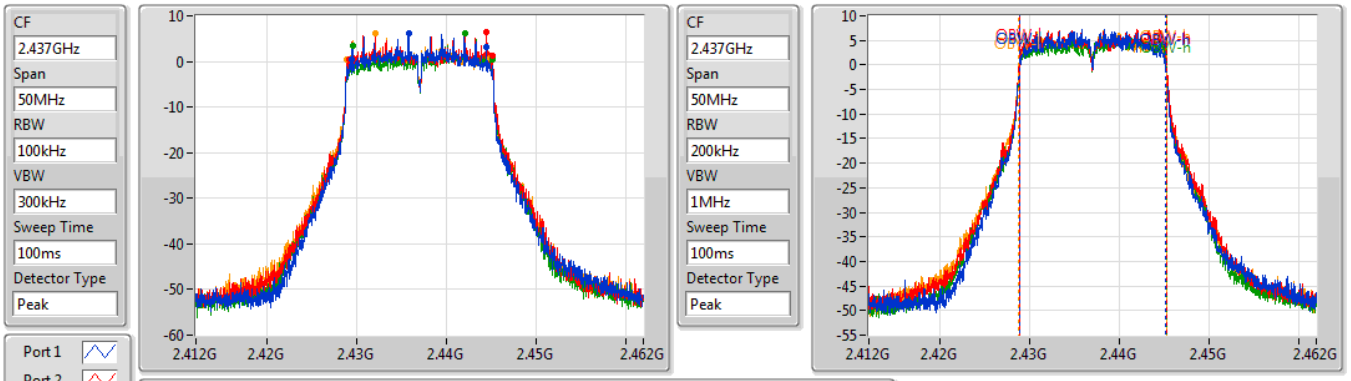


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.404475G	2.4195G	16.292M	2.403854G	2.420146G	500k	1
16.025M	2.404125G	2.42015G	16.367M	2.403854G	2.420221G	500k	2
15.7M	2.40445G	2.42015G	16.317M	2.403904G	2.420221G	500k	3
15.725M	2.40445G	2.420175G	16.392M	2.403879G	2.420271G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

03/07/2020

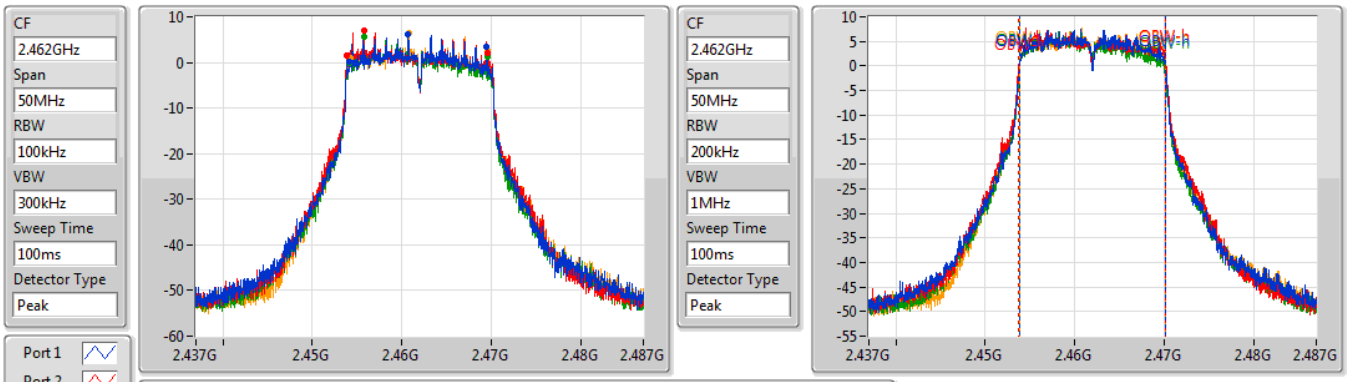


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.42945G	2.444475G	16.292M	2.428879G	2.445171G	500k	1
16.05M	2.4291G	2.44515G	16.417M	2.428829G	2.445246G	500k	2
15.6M	2.429525G	2.445125G	16.417M	2.428854G	2.445271G	500k	3
16.025M	2.428875G	2.4449G	16.442M	2.428779G	2.445221G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

03/07/2020

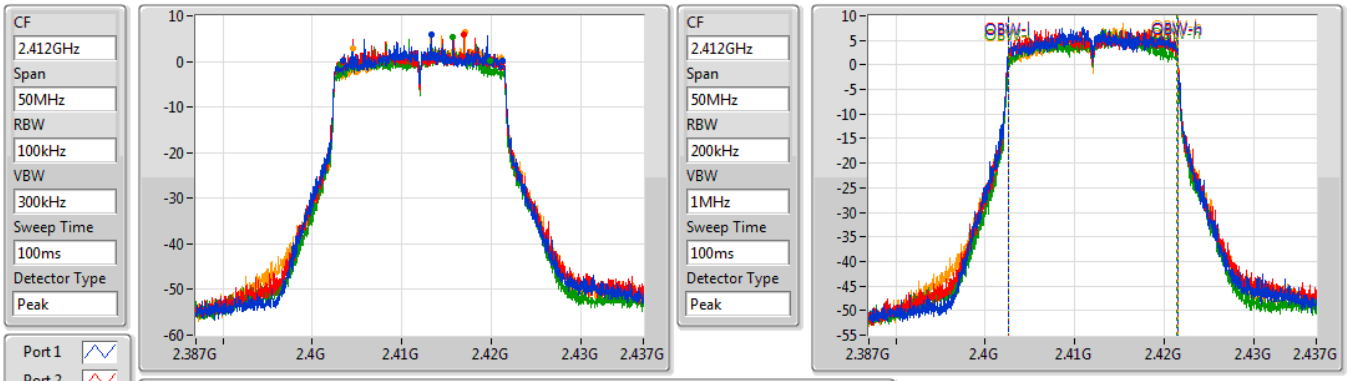


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.375M	2.454125G	2.4695G	16.317M	2.453829G	2.470146G	500k	1
15.7M	2.453875G	2.469575G	16.467M	2.453729G	2.470196G	500k	2
15.425M	2.454125G	2.46955G	16.267M	2.453829G	2.470096G	500k	3
15.3M	2.45425G	2.46955G	16.367M	2.453804G	2.470171G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

03/07/2020

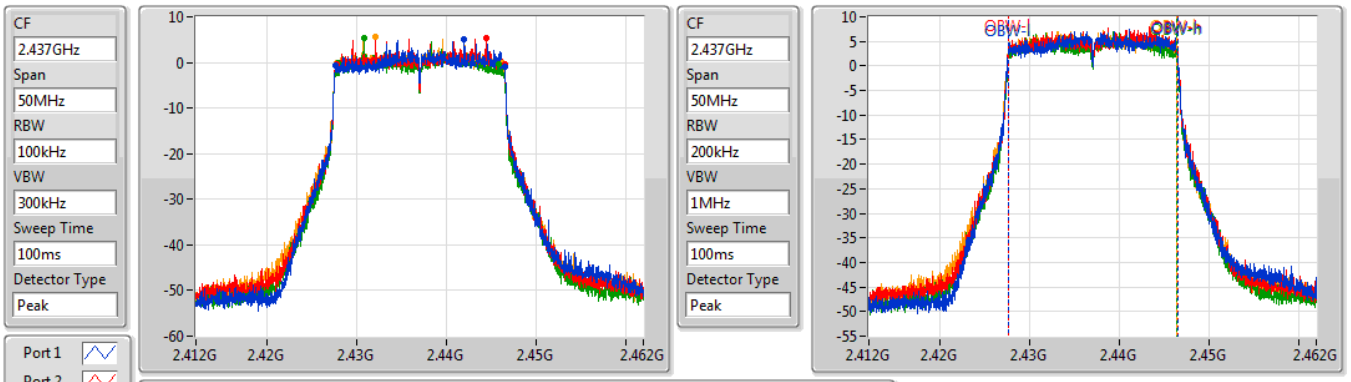


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.85M	2.4034G	2.42125G	18.941M	2.402555G	2.421495G	500k	1
17.875M	2.403425G	2.4213G	18.916M	2.40258G	2.421495G	500k	2
16.575M	2.403225G	2.4198G	18.841M	2.402605G	2.421445G	500k	3
16.65M	2.404525G	2.421175G	18.866M	2.40263G	2.421495G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

03/07/2020

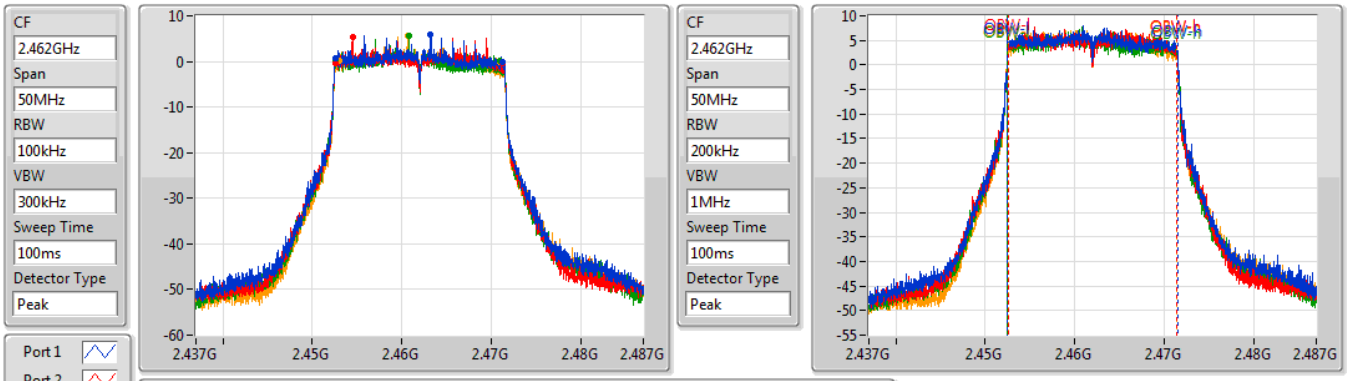


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	2.42765G	2.4465G	18.966M	2.427555G	2.44652G	500k	1
18.8M	2.427675G	2.446475G	18.941M	2.427555G	2.446495G	500k	2
17.975M	2.427825G	2.4458G	18.916M	2.427555G	2.44647G	500k	3
18.55M	2.42775G	2.4463G	18.941M	2.42753G	2.44647G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

03/07/2020

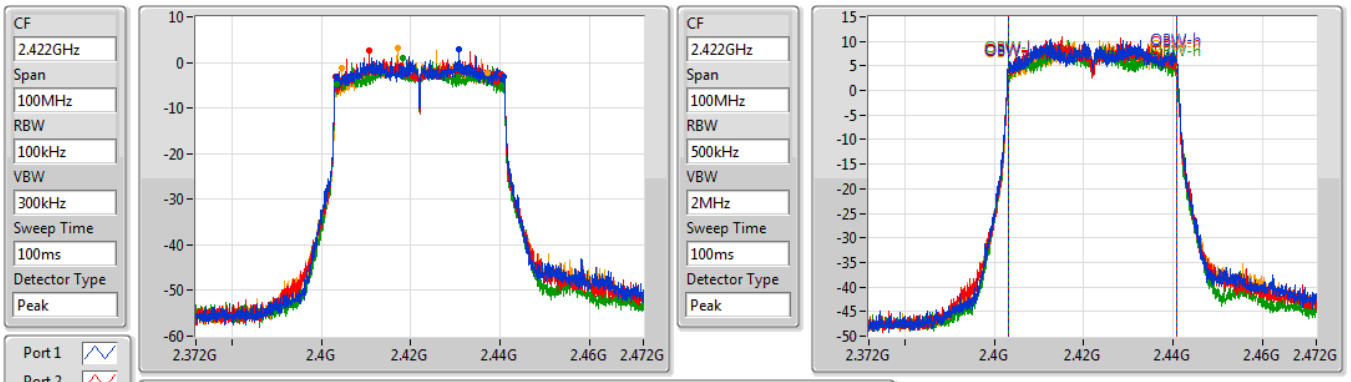


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	2.45255G	2.4713G	18.991M	2.452505G	2.471495G	500k	1
18.625M	2.452575G	2.4712G	18.916M	2.45253G	2.471445G	500k	2
18.5M	2.45255G	2.47105G	18.966M	2.452505G	2.47147G	500k	3
17.95M	2.453075G	2.471025G	18.891M	2.45253G	2.47142G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

03/07/2020

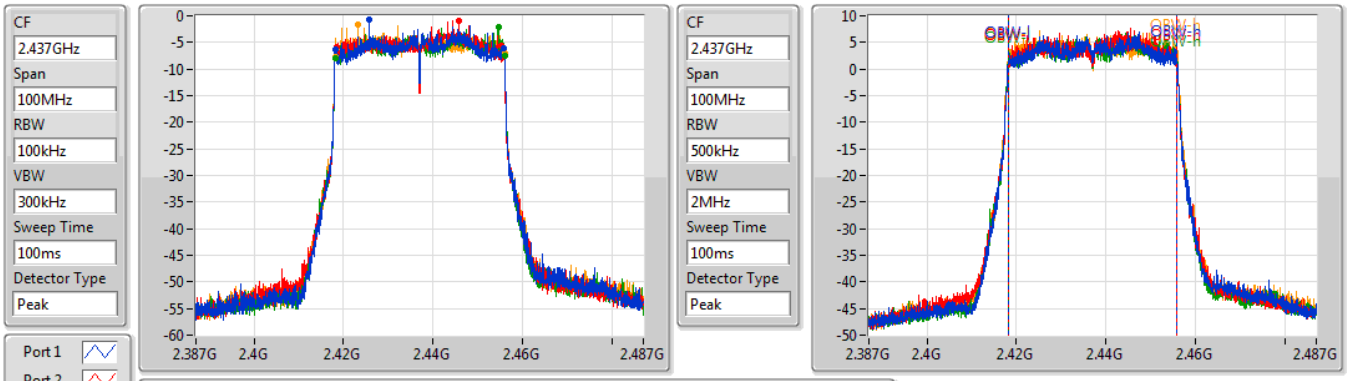


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.25M	2.4035G	2.44075G	37.731M	2.403209G	2.440941G	500k	1
36.95M	2.4032G	2.44015G	37.581M	2.403259G	2.440841G	500k	2
36.8M	2.4035G	2.4403G	37.681M	2.403159G	2.440841G	500k	3
32.65M	2.4045G	2.43715G	37.531M	2.403309G	2.440841G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

03/07/2020

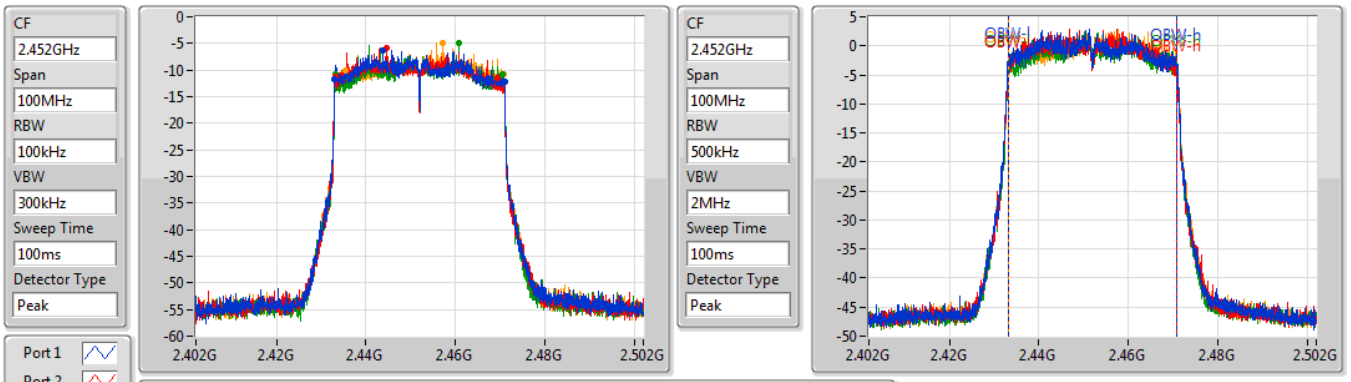


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.4181G	2.4558G	37.731M	2.418159G	2.455891G	500k	1
36.95M	2.41835G	2.4553G	37.631M	2.418209G	2.455841G	500k	2
37.9M	2.4181G	2.456G	37.831M	2.418109G	2.455941G	500k	3
37.9M	2.4181G	2.456G	37.831M	2.418109G	2.455941G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

03/07/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38M	2.43305G	2.47105G	37.731M	2.433159G	2.470891G	500k	1
36.25M	2.4332G	2.46945G	37.481M	2.433259G	2.470741G	500k	2
37.2M	2.43325G	2.47045G	37.631M	2.433209G	2.470841G	500k	3
35.3M	2.43545G	2.47075G	37.731M	2.433159G	2.470891G	500k	4

For Internal antenna
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	8.05M	13.168M	13M2G1D	6.575M	12.844M
802.11g_Nss1,(6Mbps)_4TX	16.3M	16.492M	16M5D1D	15.025M	16.317M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.825M	19.015M	19M0D1D	16.4M	18.841M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.85M	37.881M	37M9D1D	35.95M	37.581M

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

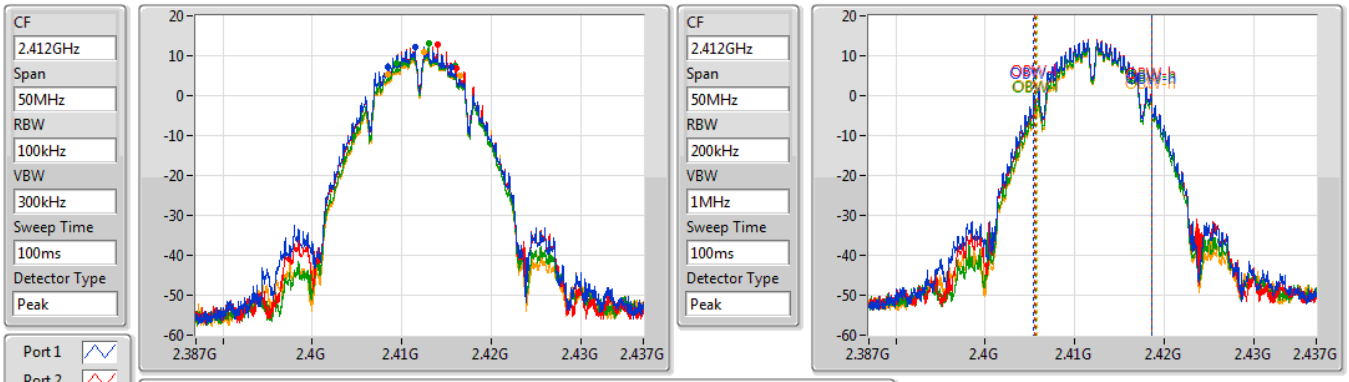
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7.1M	13.168M	7.6M	13.093M	6.575M	12.869M	8.05M	12.844M
2437MHz	Pass	500k	7.55M	13.068M	7.1M	13.143M	7.1M	13.068M	7.1M	13.093M
2462MHz	Pass	500k	7.6M	13.043M	8.025M	13.018M	7.125M	13.093M	7.05M	13.043M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.625M	16.467M	15.025M	16.317M	15.425M	16.317M	15.625M	16.367M
2437MHz	Pass	500k	16.275M	16.492M	15.4M	16.442M	15.45M	16.417M	16.275M	16.442M
2462MHz	Pass	500k	16.3M	16.442M	15.1M	16.342M	15.4M	16.317M	15.7M	16.367M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.875M	18.891M	17.825M	18.841M	17.125M	18.916M	16.4M	18.891M
2437MHz	Pass	500k	17M	18.916M	17.575M	18.966M	18.775M	19.015M	18.825M	18.966M
2462MHz	Pass	500k	16.6M	18.891M	16.675M	18.891M	18.45M	18.991M	16.5M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	36.25M	37.631M	36.9M	37.731M	37.75M	37.581M	36.3M	37.631M
2437MHz	Pass	500k	35.95M	37.631M	37.45M	37.831M	37.8M	37.731M	36.65M	37.881M
2452MHz	Pass	500k	36.35M	37.581M	37.85M	37.681M	36.2M	37.631M	36.4M	37.631M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

14/08/2020

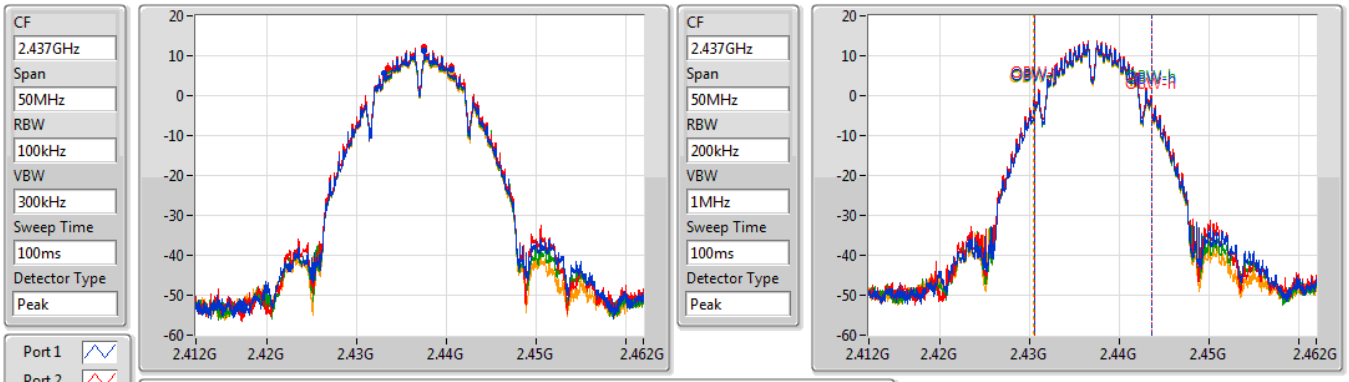


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.1M	2.40845G	2.41555G	13.168M	2.405428G	2.418597G	500k	1
7.6M	2.40845G	2.41605G	13.093M	2.405478G	2.418572G	500k	2
6.575M	2.40945G	2.416025G	12.869M	2.405678G	2.418547G	500k	3
8.05M	2.40845G	2.4165G	12.844M	2.405753G	2.418597G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

14/08/2020

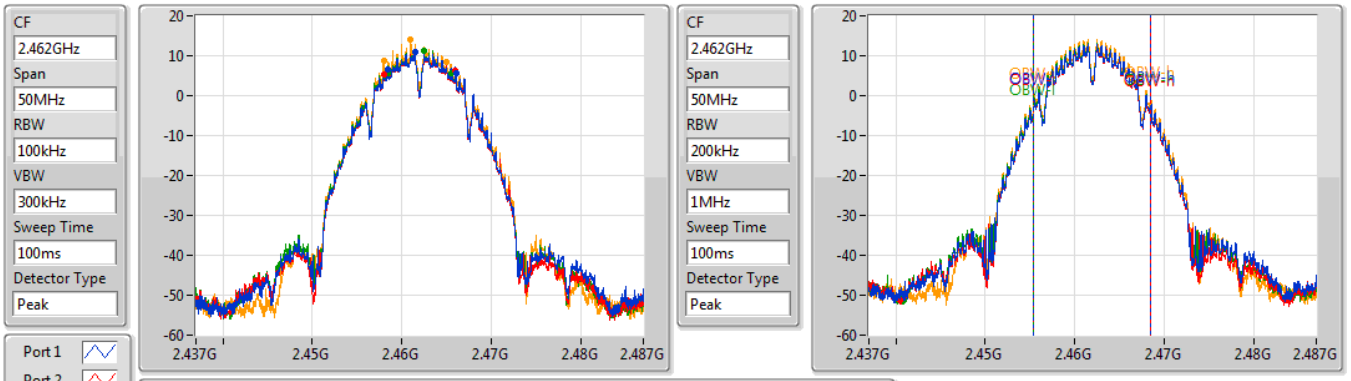


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.433G	2.44055G	13.068M	2.430503G	2.443572G	500k	1
7.1M	2.43345G	2.44055G	13.143M	2.430478G	2.443622G	500k	2
7.1M	2.43345G	2.44055G	13.068M	2.430478G	2.443547G	500k	3
7.1M	2.43345G	2.44055G	13.093M	2.430453G	2.443547G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

14/08/2020

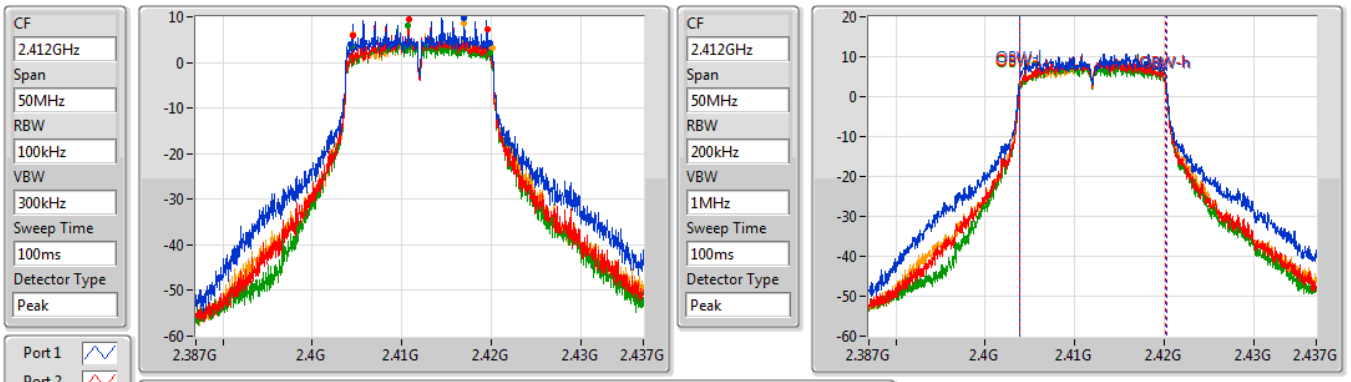


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.6M	2.45845G	2.46605G	13.043M	2.455428G	2.468472G	500k	1
8.025M	2.458G	2.466025G	13.018M	2.455428G	2.468447G	500k	2
7.125M	2.458425G	2.46555G	13.093M	2.455353G	2.468447G	500k	3
7.05M	2.457975G	2.465025G	13.043M	2.455428G	2.468472G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

14/08/2020

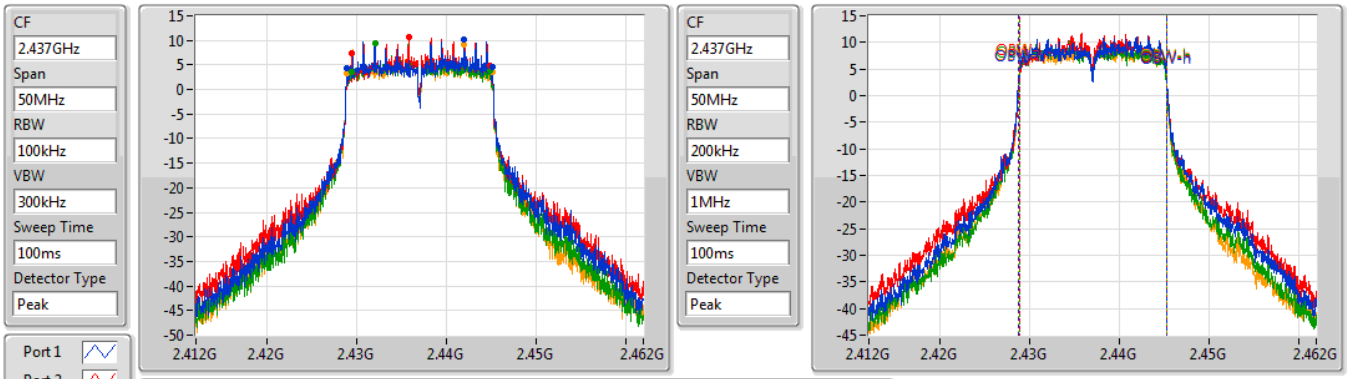


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.625M	2.40425G	2.419875G	16.467M	2.403804G	2.420271G	500k	1
15.025M	2.4045G	2.419525G	16.317M	2.403879G	2.420196G	500k	2
15.425M	2.40445G	2.419875G	16.317M	2.403879G	2.420196G	500k	3
15.625M	2.4045G	2.420125G	16.367M	2.403854G	2.420221G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

14/08/2020

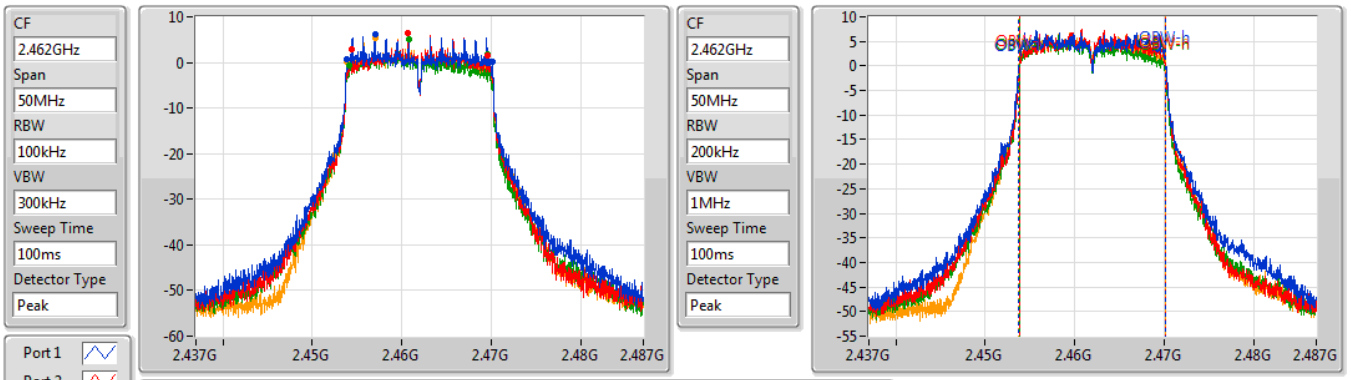


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	2.42885G	2.445125G	16.492M	2.428779G	2.445271G	500k	1
15.4M	2.429475G	2.444875G	16.442M	2.428829G	2.445271G	500k	2
15.45M	2.429425G	2.444875G	16.417M	2.428804G	2.445221G	500k	3
16.275M	2.42885G	2.445125G	16.442M	2.428779G	2.445221G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

14/08/2020

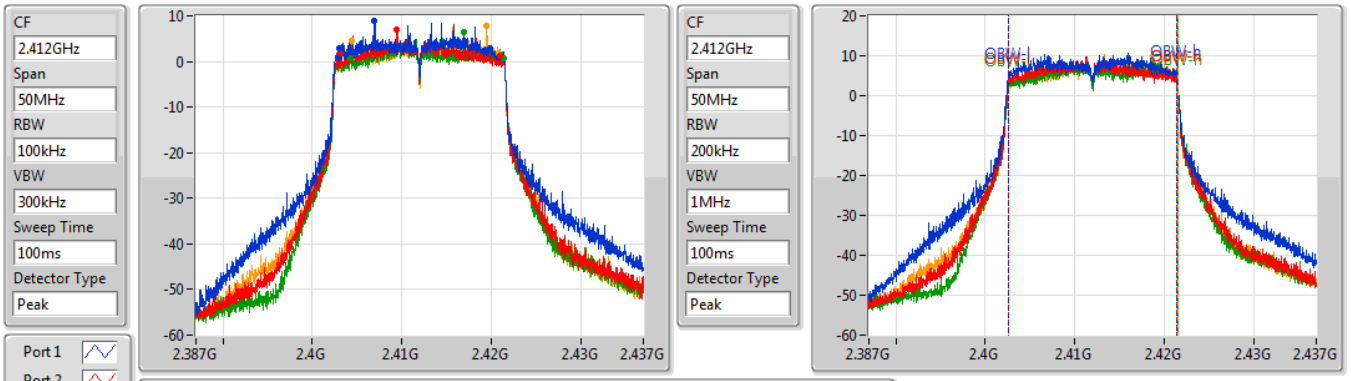


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.442M	2.453754G	2.470196G	500k	1
15.1M	2.45445G	2.46955G	16.342M	2.453829G	2.470171G	500k	2
15.4M	2.454125G	2.469525G	16.317M	2.453804G	2.470121G	500k	3
15.7M	2.45385G	2.46955G	16.367M	2.453779G	2.470146G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

14/08/2020

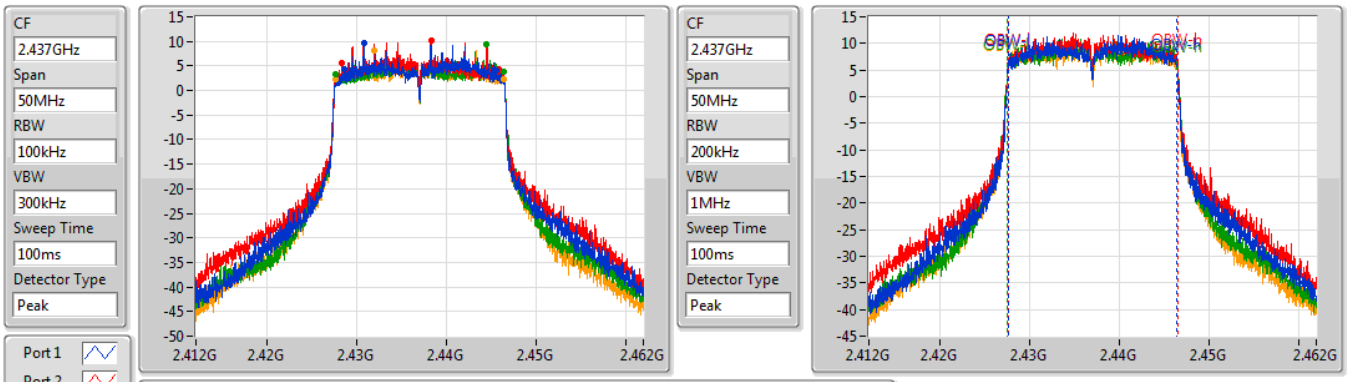


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.875M	2.40305G	2.419925G	18.891M	2.402555G	2.421445G	500k	1
17.825M	2.403225G	2.42105G	18.841M	2.40258G	2.42142G	500k	2
17.125M	2.404225G	2.42135G	18.916M	2.40258G	2.421495G	500k	3
16.4M	2.404475G	2.420875G	18.891M	2.402605G	2.421495G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

14/08/2020

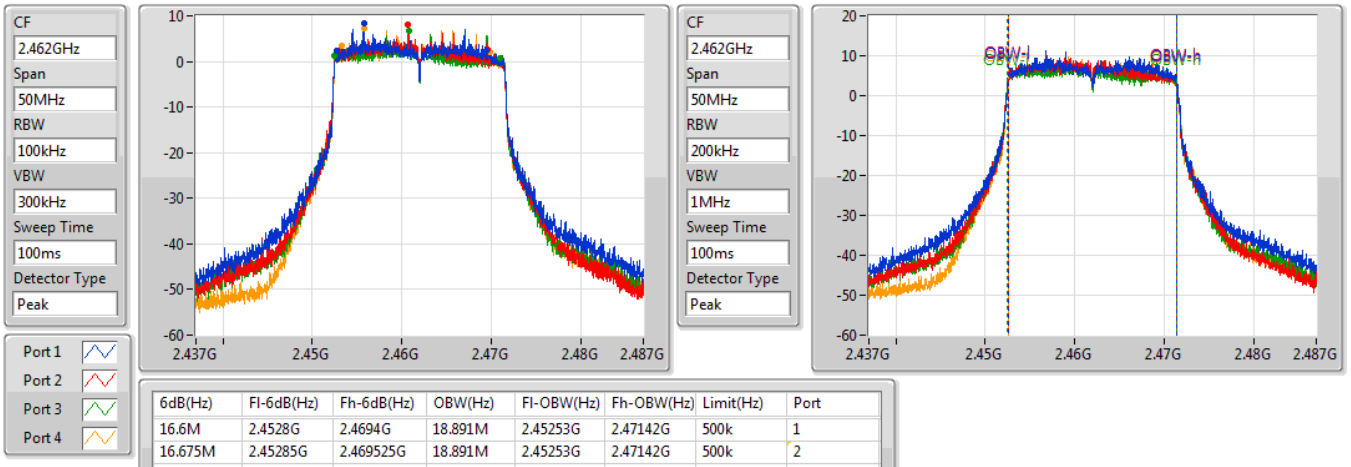


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17M	2.428525G	2.445525G	18.916M	2.427555G	2.44647G	500k	1
17.575M	2.428275G	2.44585G	18.966M	2.42753G	2.446495G	500k	2
18.775M	2.42765G	2.446425G	19.015M	2.427505G	2.44652G	500k	3
18.825M	2.427575G	2.4464G	18.966M	2.427505G	2.44647G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

14/08/2020

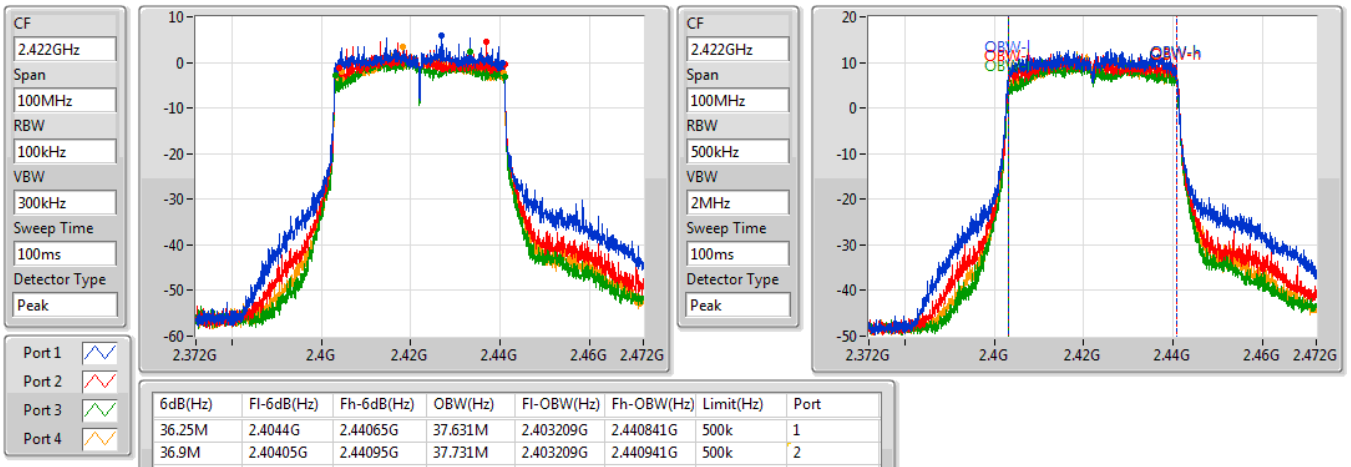


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.6M	2.4528G	2.4694G	18.891M	2.45253G	2.47142G	500k	1
16.675M	2.45285G	2.469525G	18.891M	2.45253G	2.47142G	500k	2
18.45M	2.4525G	2.47095G	18.991M	2.45248G	2.47147G	500k	3
16.5M	2.4533G	2.4698G	18.891M	2.45253G	2.47142G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

14/08/2020

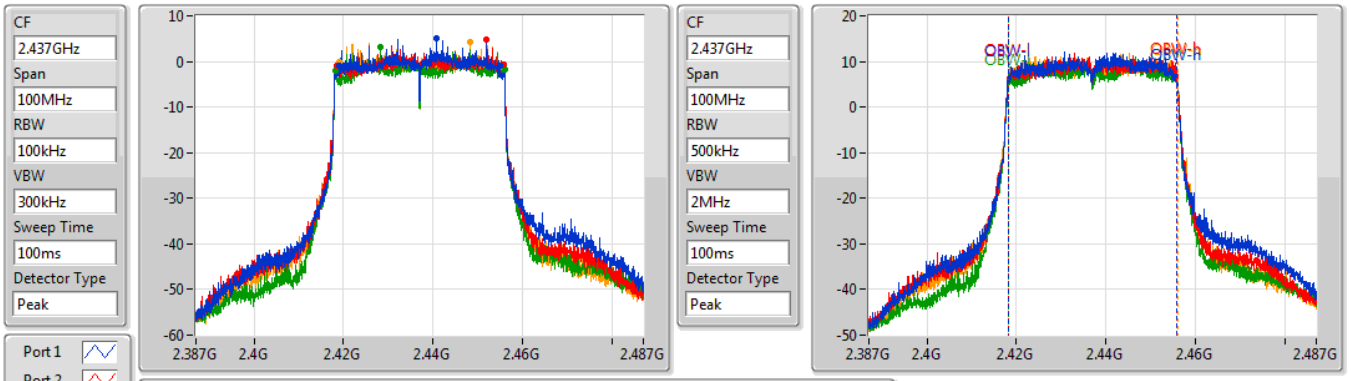


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.25M	2.4044G	2.44065G	37.631M	2.403209G	2.440841G	500k	1
36.9M	2.40405G	2.44095G	37.731M	2.403209G	2.440941G	500k	2
37.75M	2.4032G	2.44095G	37.581M	2.403309G	2.440891G	500k	3
36.3M	2.4046G	2.4409G	37.631M	2.403259G	2.440891G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

14/08/2020

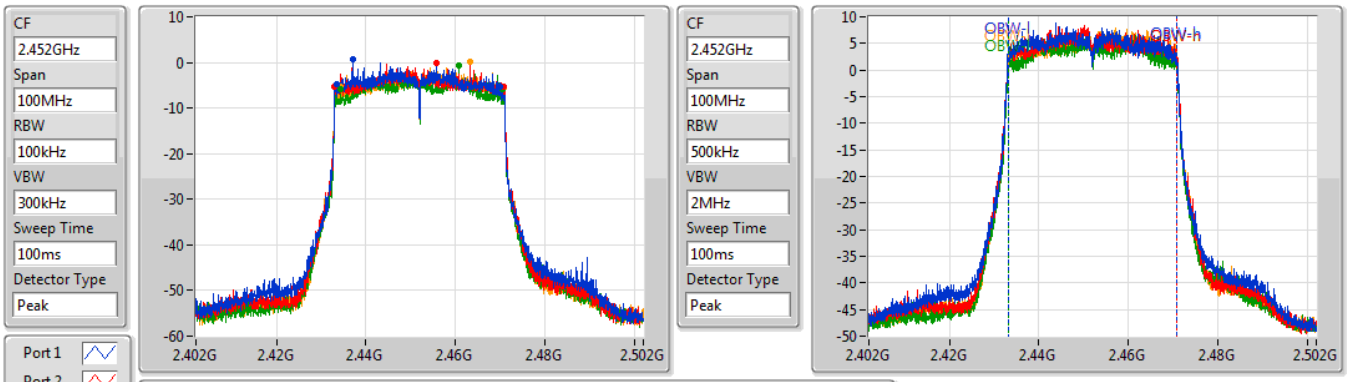


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.41895G	2.4549G	37.631M	2.418159G	2.455791G	500k	1
37.45M	2.41845G	2.4559G	37.831M	2.418109G	2.455941G	500k	2
37.8M	2.41815G	2.45595G	37.731M	2.418159G	2.455891G	500k	3
36.65M	2.41905G	2.4557G	37.881M	2.418109G	2.455991G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

14/08/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.4336G	2.46995G	37.581M	2.433159G	2.470741G	500k	1
37.85M	2.433G	2.47085G	37.681M	2.433159G	2.470841G	500k	2
36.2M	2.43425G	2.47045G	37.631M	2.433209G	2.470841G	500k	3
36.4M	2.43435G	2.47075G	37.631M	2.433209G	2.470841G	500k	4

For External antenna
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	21.93	0.15596
802.11g_Nss1,(6Mbps)_4TX	21.95	0.15668
802.11ax HEW20_Nss1,(MCS0)_4TX	21.80	0.15136
802.11ax HEW40_Nss1,(MCS0)_4TX	21.89	0.15453
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.87	0.07709
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.97	0.07889

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	14.00	15.95	15.87	14.85	15.45	21.57	22.00
2437MHz	Pass	14.00	15.59	16.35	15.15	16.06	21.83	22.00
2457MHz	Pass	14.00	15.65	16.39	15.23	16.27	21.93	22.00
2462MHz	Pass	14.00	16.09	16.23	15.33	15.88	21.92	22.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	14.00	16.13	16.15	15.51	15.90	21.95	22.00
2417MHz	Pass	14.00	15.56	15.80	14.91	15.89	21.58	22.00
2437MHz	Pass	14.00	15.74	16.22	15.50	16.10	21.92	22.00
2457MHz	Pass	14.00	15.77	16.39	15.33	16.10	21.94	22.00
2462MHz	Pass	14.00	15.97	16.29	15.36	15.94	21.92	22.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	14.00	15.86	15.92	15.04	15.92	21.72	22.00
2417MHz	Pass	14.00	15.76	16.03	15.26	16.04	21.80	22.00
2437MHz	Pass	14.00	15.60	16.03	15.20	15.75	21.68	22.00
2457MHz	Pass	14.00	15.74	16.00	15.06	15.83	21.69	22.00
2462MHz	Pass	14.00	15.78	15.88	15.11	15.83	21.68	22.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	14.00	16.10	16.19	15.36	15.76	21.89	22.00
2427MHz	Pass	14.00	15.61	15.83	15.11	15.54	21.55	22.00
2437MHz	Pass	14.00	12.75	13.17	12.66	13.03	18.93	22.00
2447MHz	Pass	14.00	9.73	9.93	9.29	9.81	15.72	22.00
2452MHz	Pass	14.00	8.50	8.52	8.09	8.58	14.45	22.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	17.01	12.80	12.97	12.09	12.81	18.70	18.99
2417MHz	Pass	17.01	12.91	13.11	12.22	13.09	18.87	18.99
2437MHz	Pass	17.01	12.60	13.00	12.05	12.77	18.64	18.99
2457MHz	Pass	17.01	12.72	13.06	12.10	12.69	18.68	18.99
2462MHz	Pass	17.01	12.98	13.06	11.99	12.74	18.73	18.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	17.01	13.19	13.23	12.46	12.87	18.97	18.99
2427MHz	Pass	17.01	12.76	12.90	12.21	12.61	18.65	18.99
2437MHz	Pass	17.01	12.75	13.17	12.66	13.03	18.93	18.99
2447MHz	Pass	17.01	9.73	9.93	9.29	9.81	15.72	18.99
2452MHz	Pass	17.01	8.50	8.52	8.09	8.58	14.45	18.99

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

For Internal antenna
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	27.32	0.53951
802.11g_Nss1,(6Mbps)_4TX	27.32	0.53951
802.11ax HEW20_Nss1,(MCS0)_4TX	26.62	0.45920
802.11ax HEW40_Nss1,(MCS0)_4TX	24.54	0.28445
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.62	0.45920
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.54	0.28445

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	6.00	21.77	21.84	20.86	20.57	27.32	30.00
2437MHz	Pass	6.00	20.96	21.53	20.47	20.48	26.90	30.00
2462MHz	Pass	6.00	20.7	20.44	20.78	21.76	26.97	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.00	20.2	19.15	18.43	19.2	25.31	30.00
2417MHz	Pass	6.00	21.39	21.46	20.81	21.52	27.32	30.00
2437MHz	Pass	6.00	20.37	20.76	19.92	19.75	26.24	30.00
2457MHz	Pass	6.00	20.65	20.51	19.72	20.69	26.43	30.00
2462MHz	Pass	6.00	16.51	16.33	15.32	16.05	22.10	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.00	19.19	17.94	17.37	17.98	24.19	30.00
2417MHz	Pass	6.00	21.46	20.58	19.77	20.42	26.62	30.00
2437MHz	Pass	6.00	20.09	20.42	19.83	19.44	25.98	30.00
2457MHz	Pass	6.00	19.28	19	18.22	19.12	24.94	30.00
2462MHz	Pass	6.00	18.29	18.04	17.18	17.98	23.91	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.00	19.49	18.61	17.36	18.03	24.46	30.00
2427MHz	Pass	6.00	19.45	18.61	17.62	18.17	24.54	30.00
2437MHz	Pass	6.00	18.56	18.36	17.42	18.33	24.21	30.00
2447MHz	Pass	6.00	16.02	15.81	14.6	15.44	21.52	30.00
2452MHz	Pass	6.00	14.6	14.59	13.37	14.28	20.26	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	9.01	19.19	17.94	17.37	17.98	24.19	26.99
2417MHz	Pass	9.01	21.46	20.58	19.77	20.42	26.62	26.99
2437MHz	Pass	9.01	20.09	20.42	19.83	19.44	25.98	26.99
2457MHz	Pass	9.01	19.28	19	18.22	19.12	24.94	26.99
2462MHz	Pass	9.01	18.29	18.04	17.18	17.98	23.91	26.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	9.01	19.49	18.61	17.36	18.03	24.46	26.99
2427MHz	Pass	9.01	19.45	18.61	17.62	18.17	24.54	26.99
2437MHz	Pass	9.01	18.56	18.36	17.42	18.33	24.21	26.99
2447MHz	Pass	9.01	16.02	15.81	14.6	15.44	21.52	26.99
2452MHz	Pass	9.01	14.6	14.59	13.37	14.28	20.26	26.99

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

For External antenna
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-4.17
802.11g_Nss1,(6Mbps)_4TX	-6.30
802.11ax HEW20_Nss1,(MCS0)_4TX	-4.56
802.11ax HEW40_Nss1,(MCS0)_4TX	-8.64

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

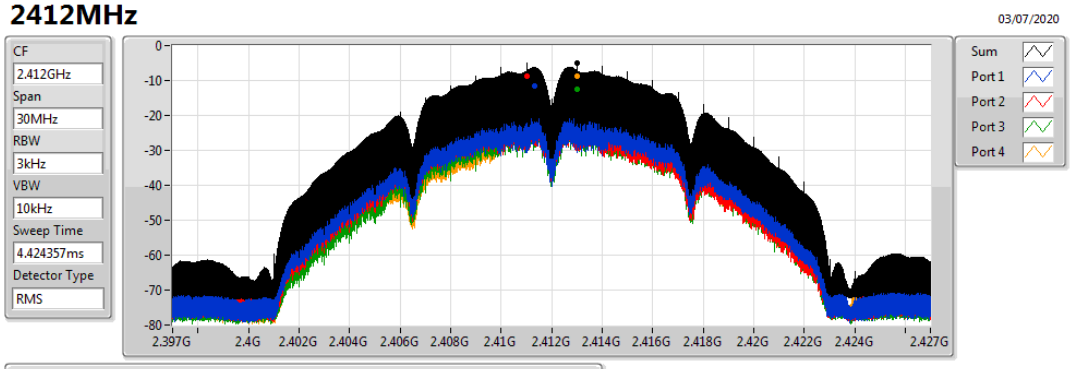
Result

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	17.01	-11.62	-8.62	-12.54	-8.80	-4.85	-3.01
2437MHz	Pass	17.01	-11.47	-11.18	-12.00	-11.23	-5.81	-3.01
2462MHz	Pass	17.01	-11.39	-7.38	-9.97	-11.51	-4.17	-3.01
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	17.01	-11.53	-11.07	-11.34	-9.34	-6.31	-3.01
2437MHz	Pass	17.01	-10.71	-11.20	-11.47	-9.88	-6.33	-3.01
2462MHz	Pass	17.01	-12.02	-11.18	-10.50	-10.56	-6.30	-3.01
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	17.01	-8.76	-8.96	-10.89	-10.56	-4.56	-3.01
2437MHz	Pass	17.01	-10.71	-9.45	-11.16	-10.23	-6.42	-3.01
2462MHz	Pass	17.01	-9.91	-10.88	-10.86	-9.82	-6.73	-3.01
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	17.01	-11.09	-11.81	-13.91	-12.77	-8.64	-3.01
2437MHz	Pass	17.01	-15.51	-15.05	-16.44	-14.72	-12.36	-3.01
2452MHz	Pass	17.01	-19.63	-20.14	-19.79	-19.67	-16.23	-3.01

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

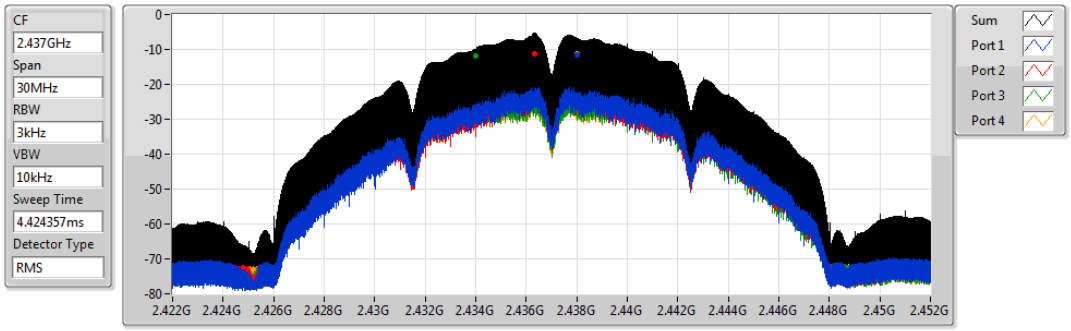
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.85	-4.85	-11.62	-8.62	-12.54	-8.80

802.11b_Nss1,(1Mbps)_4TX PSD

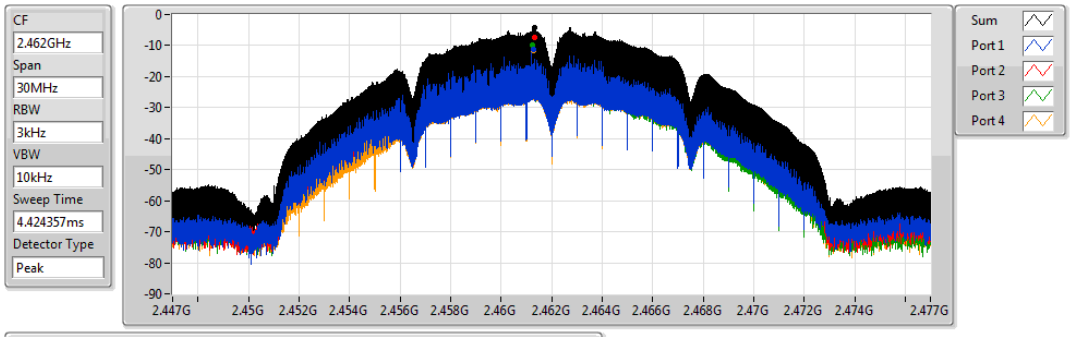
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.81	-5.81	-11.47	-11.18	-12.00	-11.23

802.11b_Nss1,(1Mbps)_4TX PSD

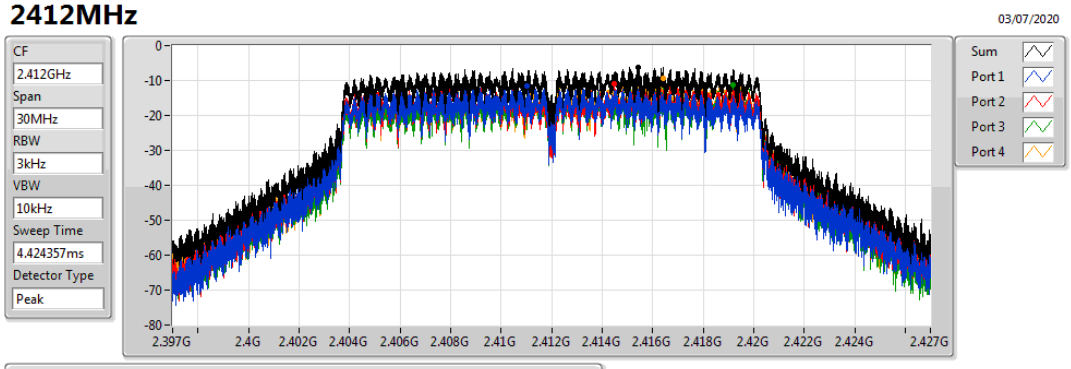
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.17	-4.17	-11.39	-7.38	-9.97	-11.51

802.11g_Nss1,(6Mbps)_4TX PSD

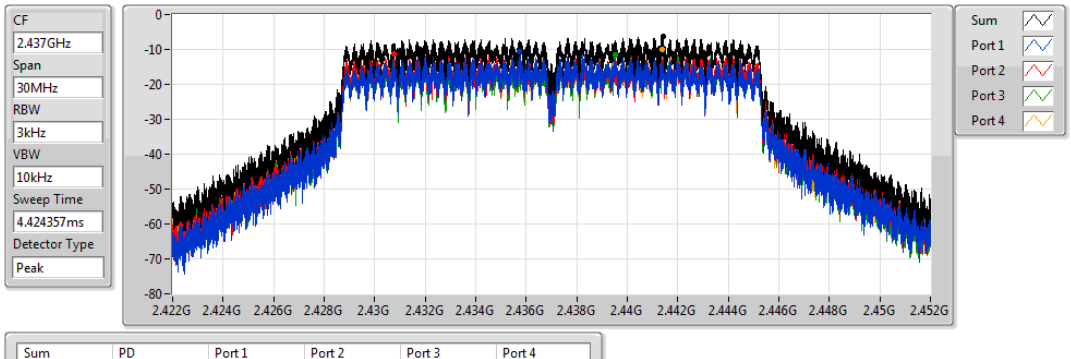
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.31	-6.31	-11.53	-11.07	-11.34	-9.34

802.11g_Nss1,(6Mbps)_4TX PSD

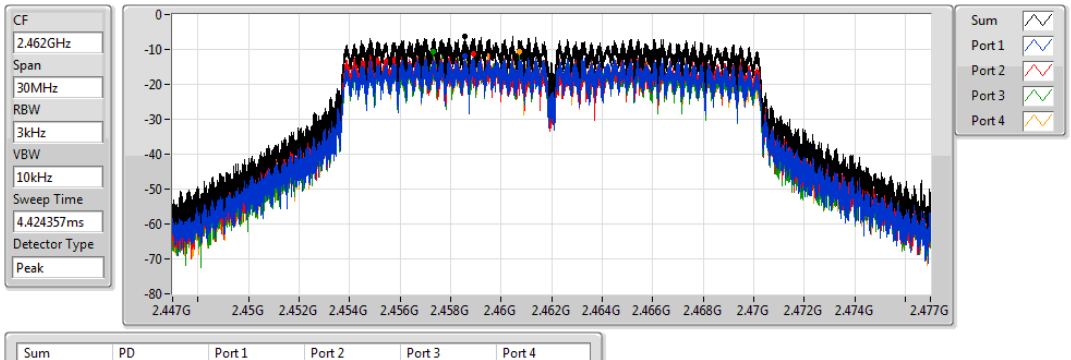
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.33	-6.33	-10.71	-11.20	-11.47	-9.88

802.11g_Nss1,(6Mbps)_4TX PSD

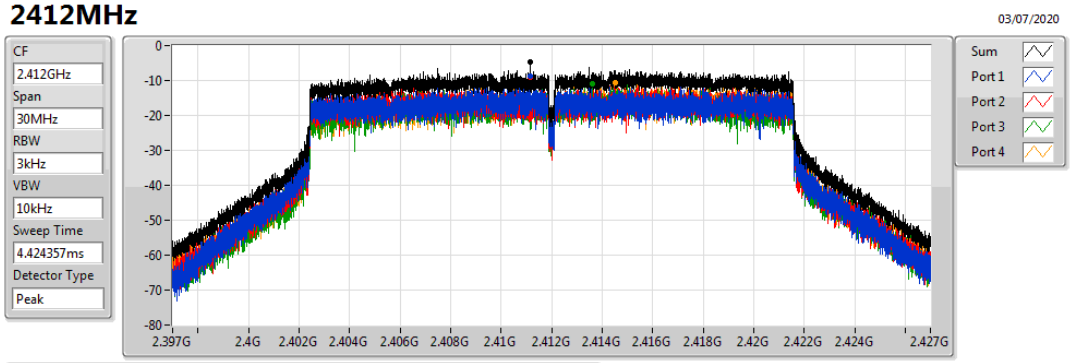
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.30	-6.30	-12.02	-11.18	-10.50	-10.56

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

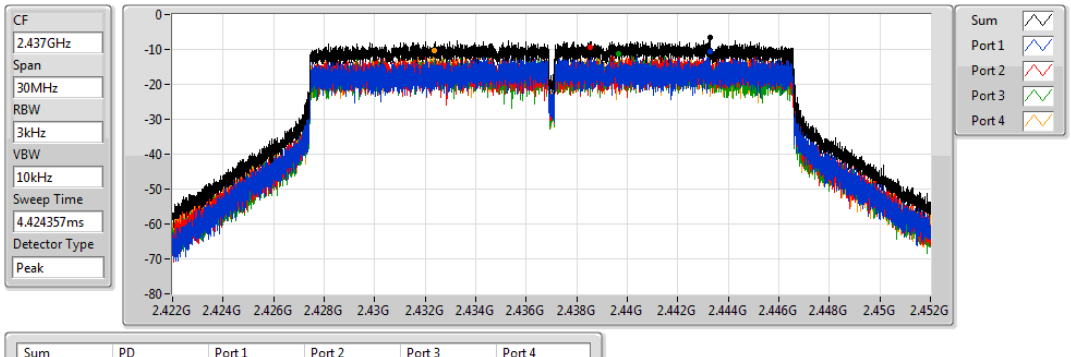
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.56	-4.56	-8.76	-8.96	-10.89	-10.56

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

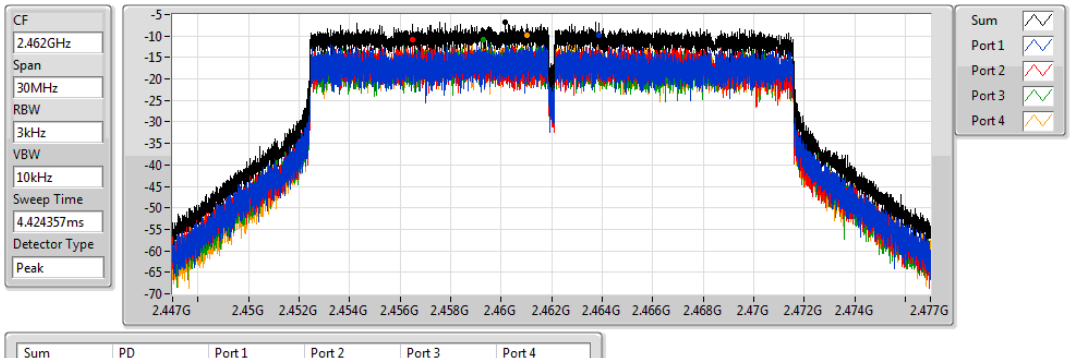
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.42	-6.42	-10.71	-9.45	-11.16	-10.23

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

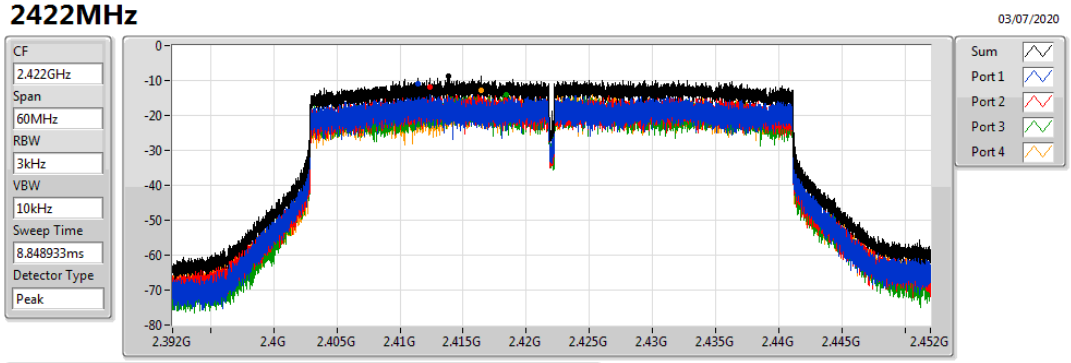
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.73	-6.73	-9.91	-10.88	-10.86	-9.82

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

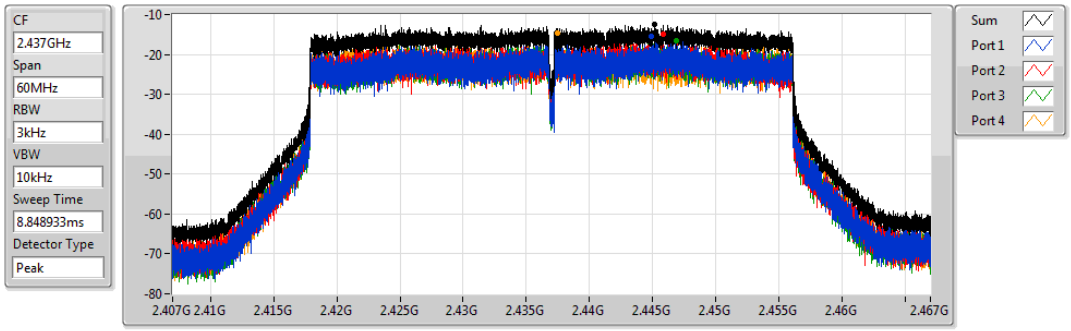
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.64	-8.64	-11.09	-11.81	-13.91	-12.77

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

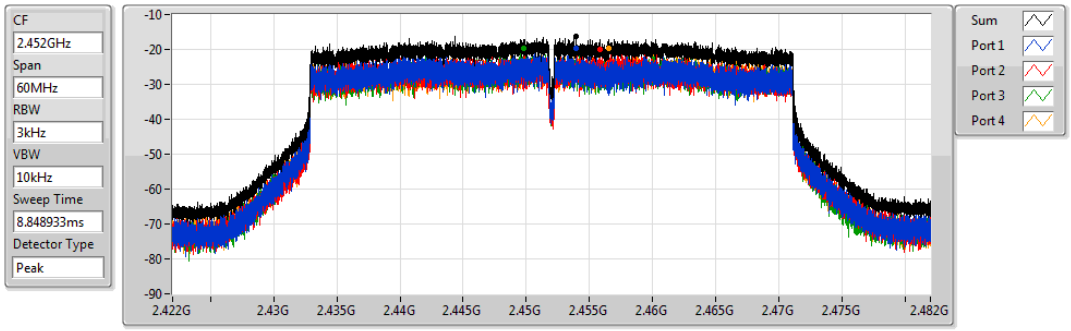
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.36	-12.36	-15.51	-15.05	-16.44	-14.72

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)
-16.23	-16.23	-19.63	-20.14	-19.79	-19.67

For Internal antenna
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	0.29
802.11g_Nss1,(6Mbps)_4TX	-2.36
802.11ax HEW20_Nss1,(MCS0)_4TX	-2.65
802.11ax HEW40_Nss1,(MCS0)_4TX	-6.13

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

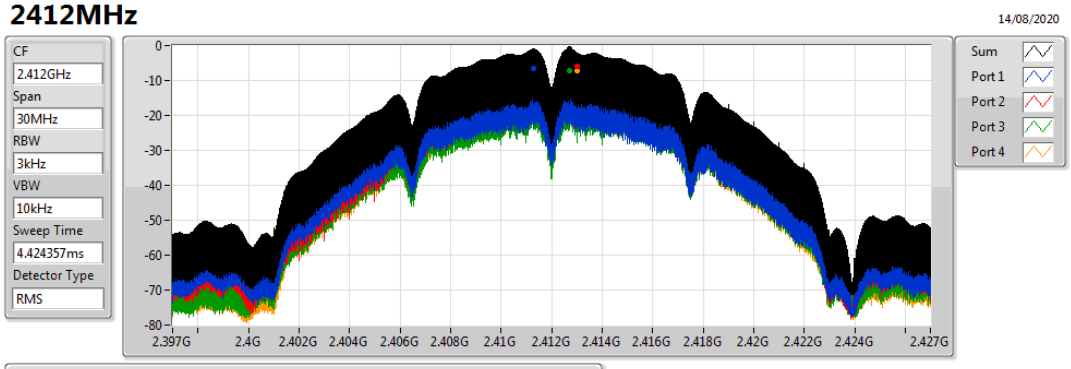
Result

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	9.01	-6.46	-6.06	-7.30	-7.05	-0.87	4.99
2437MHz	Pass	9.01	-6.26	-5.05	-3.86	-6.83	0.05	4.99
2462MHz	Pass	9.01	-6.28	-6.42	-3.39	-6.10	0.29	4.99
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	9.01	-7.69	-8.94	-8.99	-8.68	-3.30	4.99
2437MHz	Pass	9.01	-8.12	-6.50	-7.25	-7.92	-2.36	4.99
2462MHz	Pass	9.01	-11.63	-10.93	-12.16	-11.55	-6.87	4.99
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	9.01	-7.70	-8.98	-9.84	-8.69	-4.52	4.99
2437MHz	Pass	9.01	-6.31	-5.47	-6.77	-7.51	-2.65	4.99
2462MHz	Pass	9.01	-8.62	-7.95	-10.47	-9.29	-4.63	4.99
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	9.01	-9.93	-10.60	-11.26	-10.90	-6.13	4.99
2437MHz	Pass	9.01	-9.99	-10.56	-11.40	-10.64	-7.35	4.99
2452MHz	Pass	9.01	-14.51	-14.74	-15.47	-13.89	-11.10	4.99

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

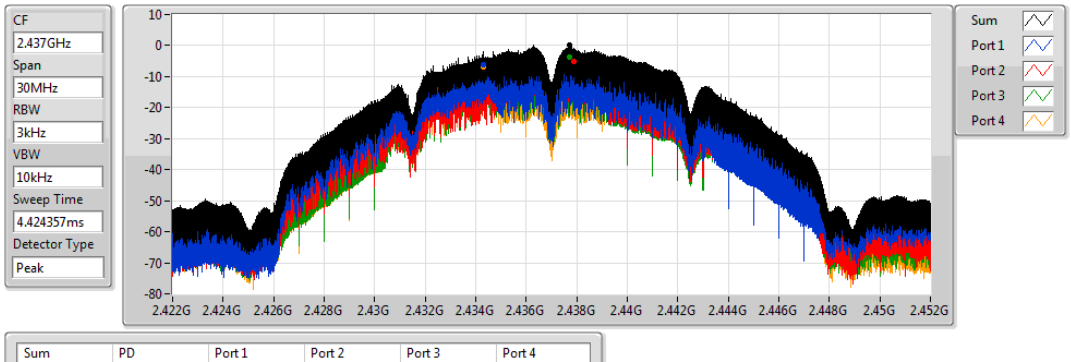
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.87	-0.87	-6.46	-6.06	-7.30	-7.05

802.11b_Nss1,(1Mbps)_4TX PSD

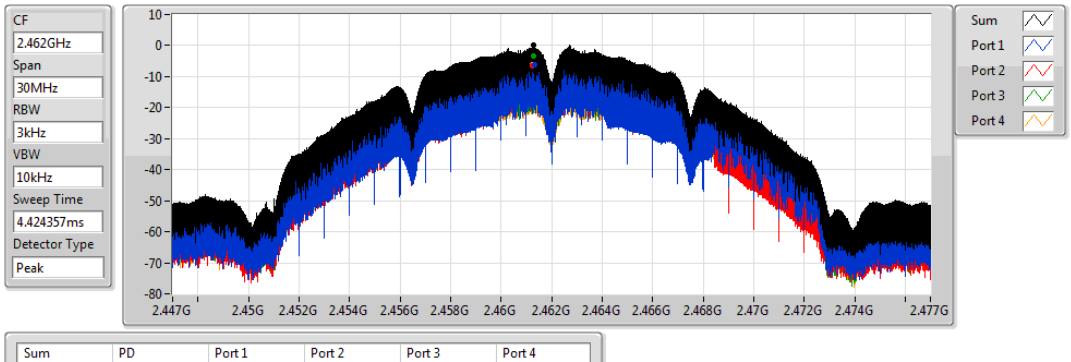
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.05	0.05	-6.26	-5.05	-3.86	-6.83

802.11b_Nss1,(1Mbps)_4TX PSD

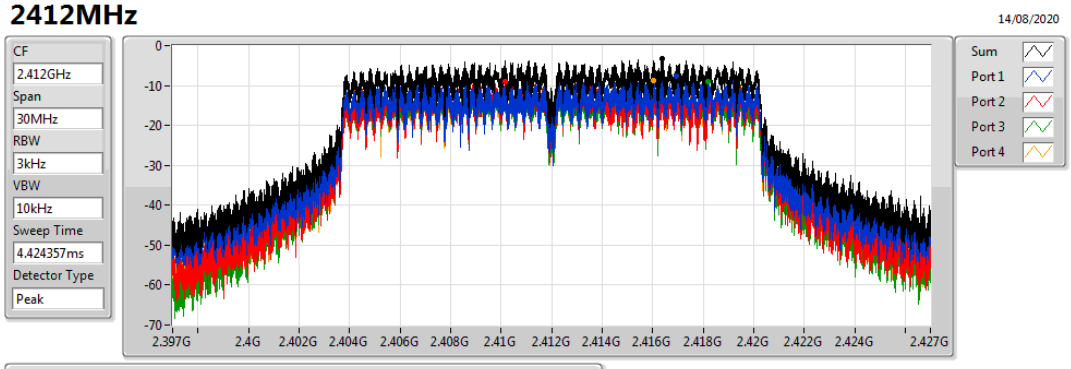
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.29	0.29	-6.28	-6.42	-3.39	-6.10

802.11g_Nss1,(6Mbps)_4TX PSD

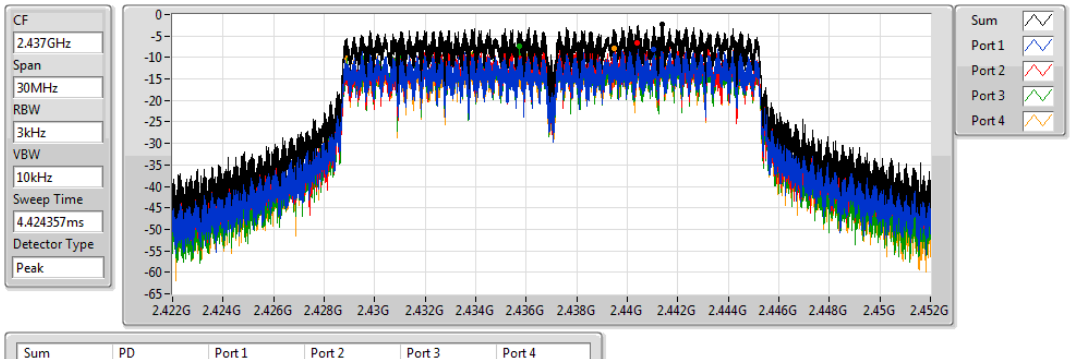
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.30	-3.30	-7.69	-8.94	-8.99	-8.68

802.11g_Nss1,(6Mbps)_4TX PSD

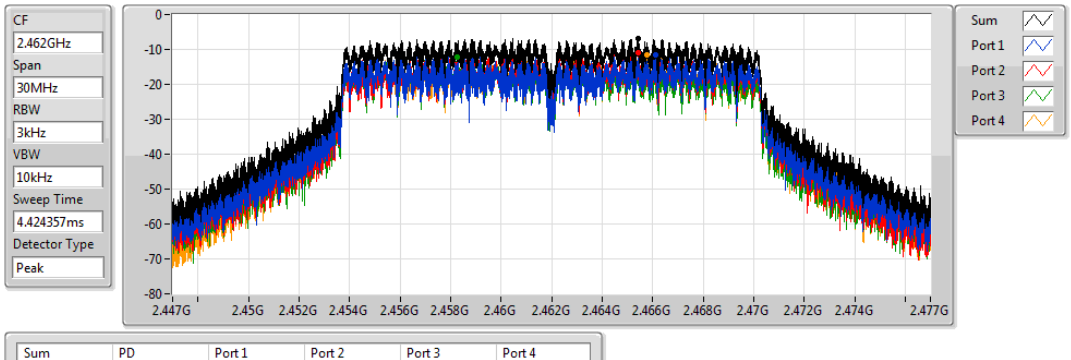
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.36	-2.36	-8.12	-6.50	-7.25	-7.92

802.11g_Nss1,(6Mbps)_4TX PSD

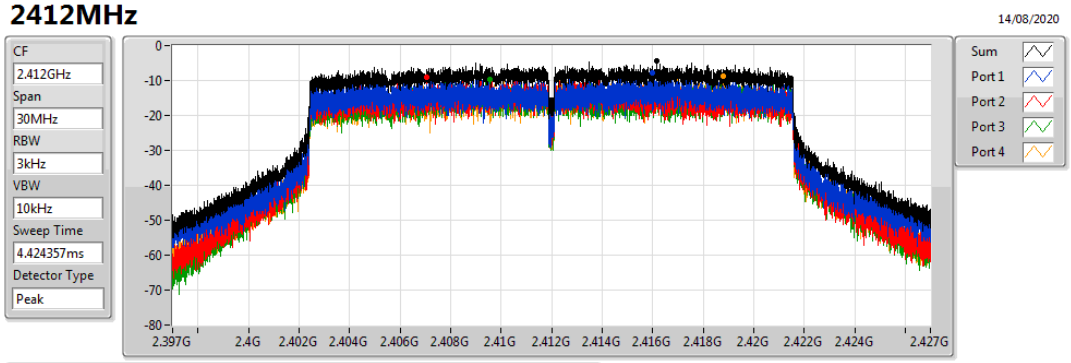
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.87	-6.87	-11.63	-10.93	-12.16	-11.55

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

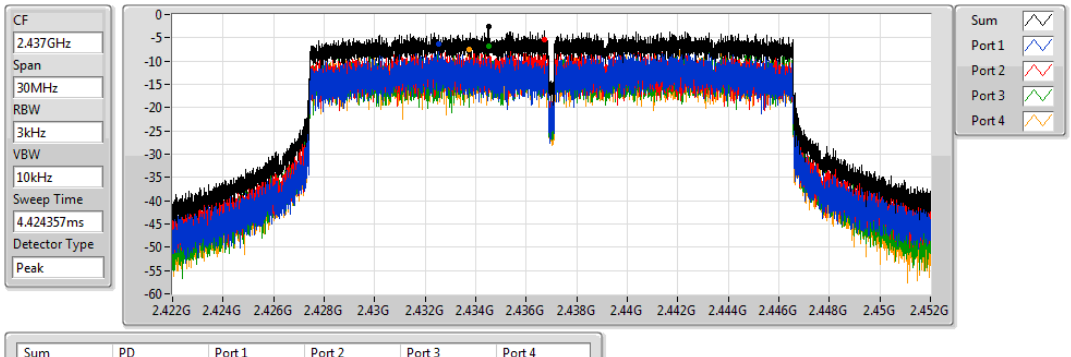
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.52	-4.52	-7.70	-8.98	-9.84	-8.69

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

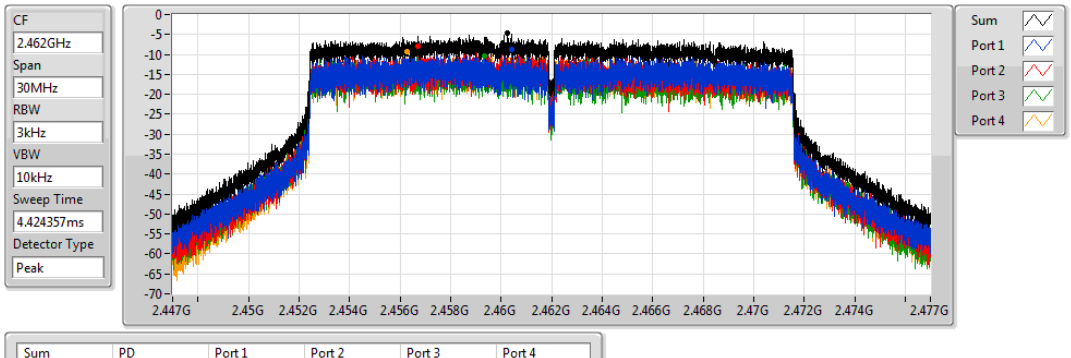
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.65	-2.65	-6.31	-5.47	-6.77	-7.51

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

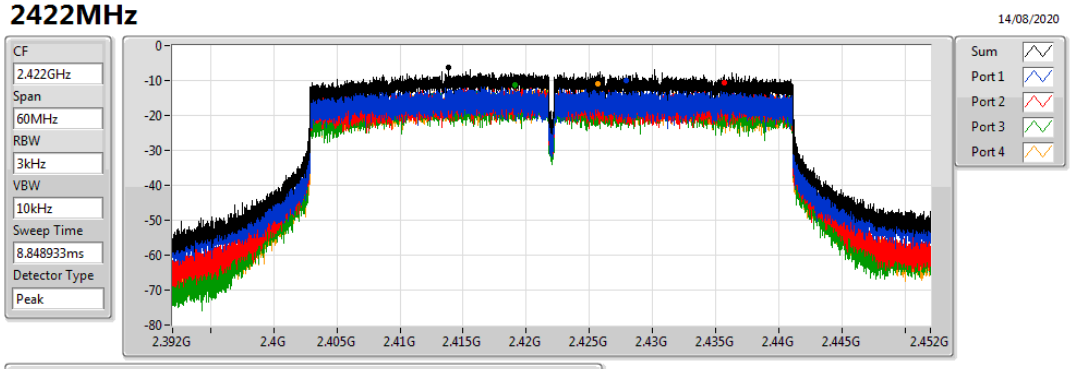
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.63	-4.63	-8.62	-7.95	-10.47	-9.29

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

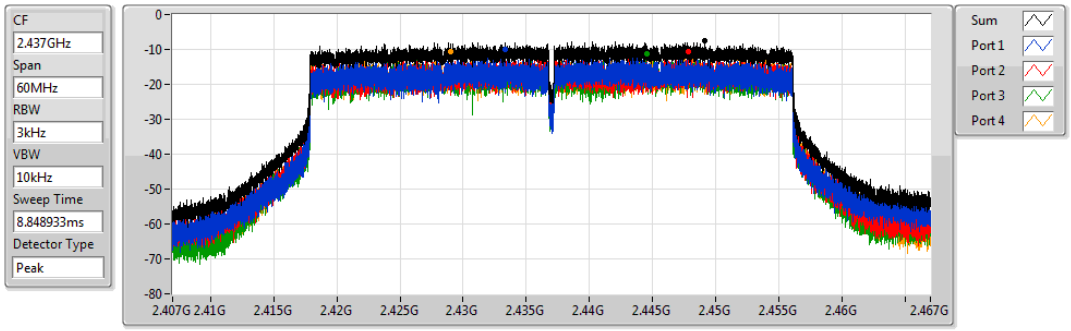
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.13	-6.13	-9.93	-10.60	-11.26	-10.90

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

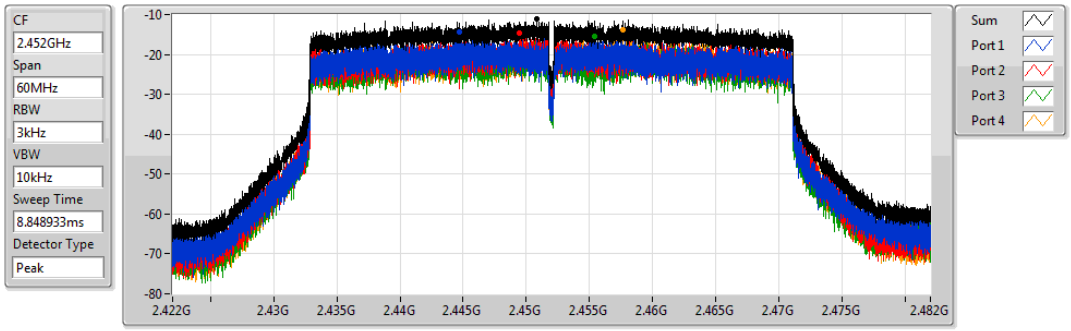
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.35	-7.35	-9.99	-10.56	-11.40	-10.64

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.10	-11.10	-14.51	-14.74	-15.47	-13.89

For External antenna
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	2.4615G	7.20	-22.80	159.9M	-43.73	2.3985G	-45.95	2.4G	-51.70	2.52344G	-51.38	24.54204G	-42.94	2
802.11g_Nss1,(6Mbps)_4TX	Pass	2.41699G	6.88	-23.12	159.9M	-44.17	2.39986G	-31.83	2.4G	-34.02	2.48686G	-51.58	23.5896G	-43.34	3
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.41699G	5.86	-24.14	159.9M	-44.65	2.39992G	-29.68	2.4G	-30.15	2.49256G	-51.18	24.88762G	-42.66	4
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.41073G	3.47	-26.53	159.96M	-45.26	2.39984G	-34.21	2.4G	-35.49	2.55866G	-51.63	23.34811G	-43.26	1

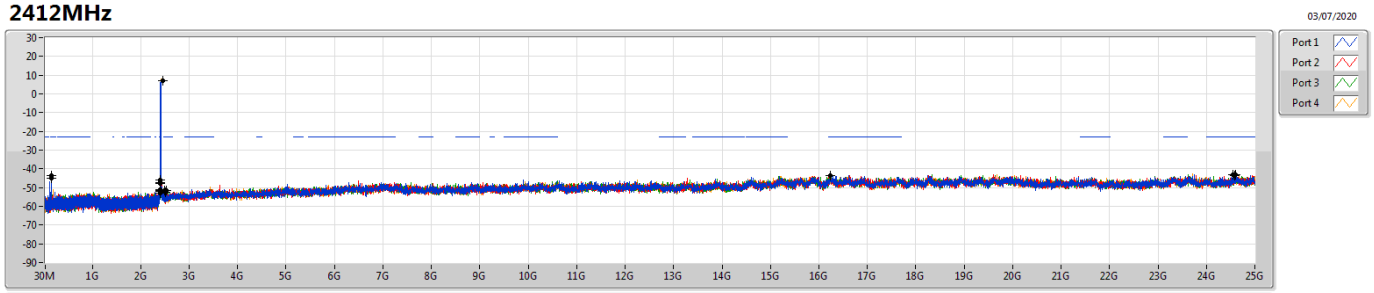
Result

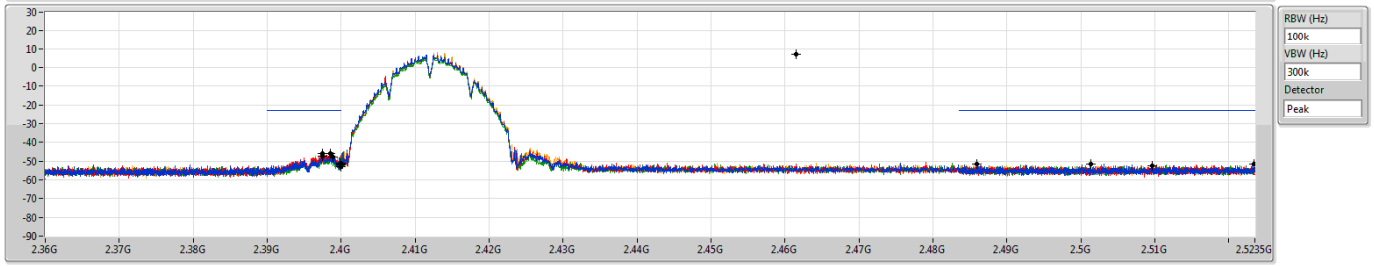
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4615G	7.20	-22.80	159.9M	-43.75	2.3975G	-47.15	2.4G	-51.18	2.50136G	-51.62	24.60385G	-43.26	1
2412MHz	Pass	2.4615G	7.20	-22.80	159.9M	-43.73	2.3985G	-45.95	2.4G	-51.70	2.52344G	-51.38	24.54204G	-42.94	2
2412MHz	Pass	2.4615G	7.20	-22.80	159.9M	-44.92	2.3989G	-47.64	2.4G	-51.88	2.48592G	-51.47	16.22855G	-43.80	3
2412MHz	Pass	2.4615G	7.20	-22.80	159.9M	-45.05	2.39752G	-46.06	2.4G	-52.82	2.50964G	-52.36	24.5898G	-43.52	4
2437MHz	Pass	2.4615G	7.20	-22.80	159.9M	-45.35	2.39468G	-51.30	2.4G	-54.13	2.5226G	-51.61	24.57857G	-41.87	1
2437MHz	Pass	2.4615G	7.20	-22.80	159.9M	-44.80	2.39024G	-52.52	2.4835G	-54.05	2.48724G	-50.60	24.77243G	-43.27	2
2437MHz	Pass	2.4615G	7.20	-22.80	159.9M	-45.69	2.39584G	-52.55	2.4835G	-53.70	2.48428G	-51.67	24.59823G	-43.22	3
2437MHz	Pass	2.4615G	7.20	-22.80	159.9M	-45.45	2.39634G	-52.14	2.4835G	-54.59	2.5145G	-52.03	17.60242G	-43.74	4
2462MHz	Pass	2.4615G	7.20	-22.80	159.9M	-45.25	2.39996G	-51.86	2.4835G	-53.88	2.49368G	-51.17	16.26226G	-43.12	1
2462MHz	Pass	2.4615G	7.20	-22.80	159.9M	-45.79	2.392G	-52.98	2.4835G	-54.83	2.48648G	-51.02	16.28193G	-43.19	2
2462MHz	Pass	2.4615G	7.20	-22.80	159.9M	-45.73	2.39878G	-51.87	2.4835G	-55.23	2.48716G	-51.22	24.58138G	-43.29	3
2462MHz	Pass	2.4615G	7.20	-22.80	159.9M	-44.41	2.3985G	-52.54	2.4835G	-54.31	2.48946G	-50.95	23.2946G	-43.50	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41699G	6.88	-23.12	159.9M	-45.21	2.3999G	-33.77	2.4G	-34.47	2.51222G	-51.01	16.29317G	-43.15	1
2412MHz	Pass	2.41699G	6.88	-23.12	159.9M	-44.85	2.39988G	-33.10	2.4G	-32.87	2.51966G	-51.36	24.63195G	-43.50	2
2412MHz	Pass	2.41699G	6.88	-23.12	159.9M	-44.17	2.39986G	-31.83	2.4G	-34.02	2.48686G	-51.58	23.5896G	-43.34	3
2412MHz	Pass	2.41699G	6.88	-23.12	159.9M	-44.56	2.4G	-32.66	2.4G	-32.58	2.50458G	-51.73	16.25102G	-43.07	4
2437MHz	Pass	2.41699G	6.88	-23.12	159.9M	-44.84	2.39364G	-52.13	2.4G	-53.96	2.49672G	-51.01	24.65161G	-42.94	1
2437MHz	Pass	2.41699G	6.88	-23.12	159.9M	-44.52	2.39424G	-51.88	2.4835G	-53.37	2.49394G	-50.98	17.61647G	-42.95	2
2437MHz	Pass	2.41699G	6.88	-23.12	159.9M	-45.19	2.3994G	-51.42	2.4835G	-55.17	2.48932G	-51.41	24.62633G	-43.58	3
2437MHz	Pass	2.41699G	6.88	-23.12	159.9M	-43.61	2.39488G	-51.79	2.4835G	-52.77	2.48382G	-51.71	21.56952G	-43.38	4
2462MHz	Pass	2.41699G	6.88	-23.12	159.9M	-44.04	2.39964G	-51.30	2.4835G	-49.07	2.4841G	-46.84	16.23697G	-43.94	1
2462MHz	Pass	2.41699G	6.88	-23.12	159.9M	-45.34	2.39796G	-51.47	2.4835G	-50.53	2.4835G	-48.81	24.69376G	-43.57	2
2462MHz	Pass	2.41699G	6.88	-23.12	159.9M	-43.59	2.39734G	-51.91	2.4835G	-50.40	2.4836G	-48.90	17.62209G	-43.36	3
2462MHz	Pass	2.41699G	6.88	-23.12	159.9M	-44.42	2.3988G	-52.18	2.4835G	-48.08	2.4836G	-47.77	17.60242G	-43.11	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41699G	5.86	-24.14	159.9M	-44.77	2.39984G	-30.10	2.4G	-31.34	2.50162G	-51.56	24.5898G	-42.01	1
2412MHz	Pass	2.41699G	5.86	-24.14	159.9M	-44.14	2.39948G	-30.11	2.4G	-31.21	2.49124G	-50.90	24.5898G	-43.47	2
2412MHz	Pass	2.41699G	5.86	-24.14	159.9M	-45.85	2.39998G	-33.89	2.4G	-32.85	2.48474G	-51.79	23.28055G	-43.76	3
2412MHz	Pass	2.41699G	5.86	-24.14	159.9M	-44.65	2.39992G	-29.68	2.4G	-30.15	2.49256G	-51.18	24.88762G	-42.66	4
2437MHz	Pass	2.41699G	5.86	-24.14	159.9M	-45.08	2.3981G	-51.77	2.4835G	-54.84	2.48464G	-51.39	17.64176G	-42.52	1
2437MHz	Pass	2.41699G	5.86	-24.14	159.9M	-45.29	2.39974G	-51.51	2.4835G	-54.91	2.48664G	-51.03	24.30042G	-43.82	2
2437MHz	Pass	2.41699G	5.86	-24.14	159.9M	-45.30	2.39546G	-52.08	2.4G	-53.35	2.50446G	-51.57	16.88317G	-43.35	3
2437MHz	Pass	2.41699G	5.86	-24.14	159.9M	-45.74	2.3967G	-50.92	2.4G	-53.50	2.4876G	-50.89	23.27774G	-43.17	4
2462MHz	Pass	2.41699G	5.86	-24.14	159.9M	-44.78	2.39848G	-51.50	2.4835G	-47.41	2.48374G	-45.35	16.25383G	-43.52	1
2462MHz	Pass	2.41699G	5.86	-24.14	159.9M	-44.28	2.39652G	-52.02	2.4835G	-48.37	2.48604G	-46.28	24.73871G	-43.49	2
2462MHz	Pass	2.41699G	5.86	-24.14	159.9M	-44.64	2.39716G	-51.93	2.4835G	-48.46	2.48444G	-46.24	16.56288G	-42.91	3
2462MHz	Pass	2.41699G	5.86	-24.14	159.9M	-45.20	2.39654G	-51.87	2.4835G	-45.96	2.4849G	-45.99	21.66786G	-42.89	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41073G	3.47	-26.53	159.96M	-45.26	2.39984G	-34.21	2.4G	-35.49	2.55866G	-51.63	23.34811G	-43.26	1
2422MHz	Pass	2.41073G	3.47	-26.53	159.96M	-45.37	2.39912G	-35.89	2.4G	-35.64	2.48742G	-50.49	24.83453G	-43.49	2
2422MHz	Pass	2.41073G	3.47	-26.53	159.96M	-44.53	2.39996G	-34.50	2.4G	-36.99	2.56162G	-51.57	23.32568G	-43.99	3
2422MHz	Pass	2.41073G	3.47	-26.53	159.96M	-43.97	2.39996G	-34.27	2.4G	-36.30	2.53282G	-51.55	24.56249G	-42.47	4
2437MHz	Pass	2.41073G	3.47	-26.53	159.96M	-44.84	2.39528G	-51.79	2.4G	-52.56	2.48614G	-51.42	24.06047G	-42.67	1
2437MHz	Pass	2.41073G	3.47	-26.53	159.96M	-44.21	2.39872G	-51.13	2.4G	-51.58	2.4837G	-51.19	24.61858G	-42.83	2
2437MHz	Pass	2.41073G	3.47	-26.53	159.96M	-44.33	2.39604G	-51.11	2.4G	-52.86	2.48362G	-51.13	24.91586G	-44.04	3
2437MHz	Pass	2.41073G	3.47	-26.53	159.96M	-44.29	2.39604G	-51.09	2.4835G	-52.46	2.4837G	-50.01	23.33409G	-43.80	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
2452MHz	Pass	2.41073G	3.47	-26.53	159.96M	-43.82	2.39792G	-51.86	2.4835G	-53.04	2.49054G	-50.58	21.99912G	-43.62	1
2452MHz	Pass	2.41073G	3.47	-26.53	159.96M	-44.30	2.399G	-53.17	2.4835G	-51.56	2.48538G	-51.58	24.62699G	-42.54	2
2452MHz	Pass	2.41073G	3.47	-26.53	159.96M	-44.80	2.39848G	-52.95	2.4835G	-52.61	2.48426G	-50.97	24.61297G	-43.28	3
2452MHz	Pass	2.41073G	3.47	-26.53	159.96M	-45.49	2.39592G	-52.77	2.4835G	-54.03	2.48614G	-50.62	16.61997G	-42.96	4

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

2412MHz

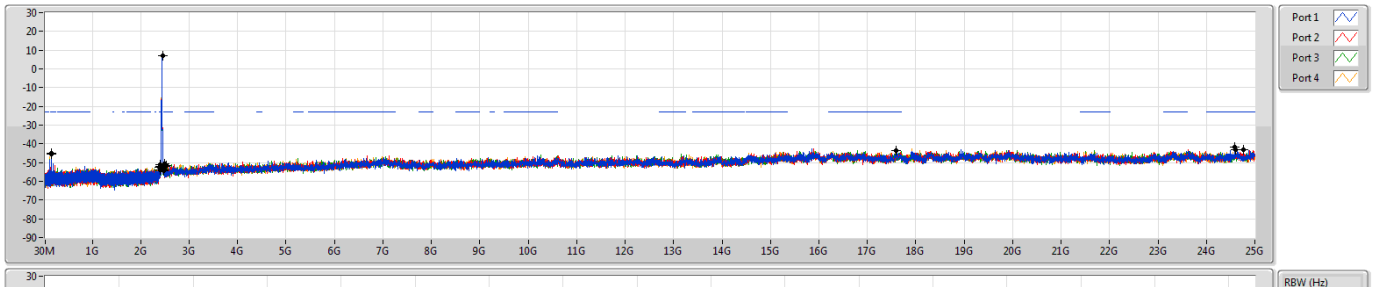


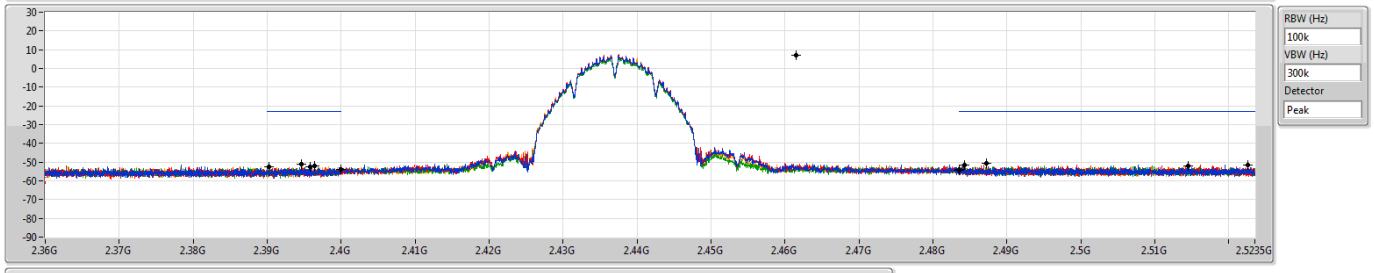


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4615G	7.20	-22.80	159.9M	-43.75	2.3975G	-47.15	2.4G	-51.18	2.50136G	-51.62	24.60385G	-43.26	1
2.4615G	7.20	-22.80	159.9M	-43.73	2.3985G	-45.95	2.4G	-51.70	2.52344G	-51.38	24.54204G	-42.94	2
2.4615G	7.20	-22.80	159.9M	-44.92	2.3989G	-47.64	2.4G	-51.88	2.48592G	-51.47	16.22855G	-43.80	3
2.4615G	7.20	-22.80	159.9M	-45.05	2.39752G	-46.06	2.4G	-52.82	2.50964G	-52.36	24.5898G	-43.52	4

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

2437MHz

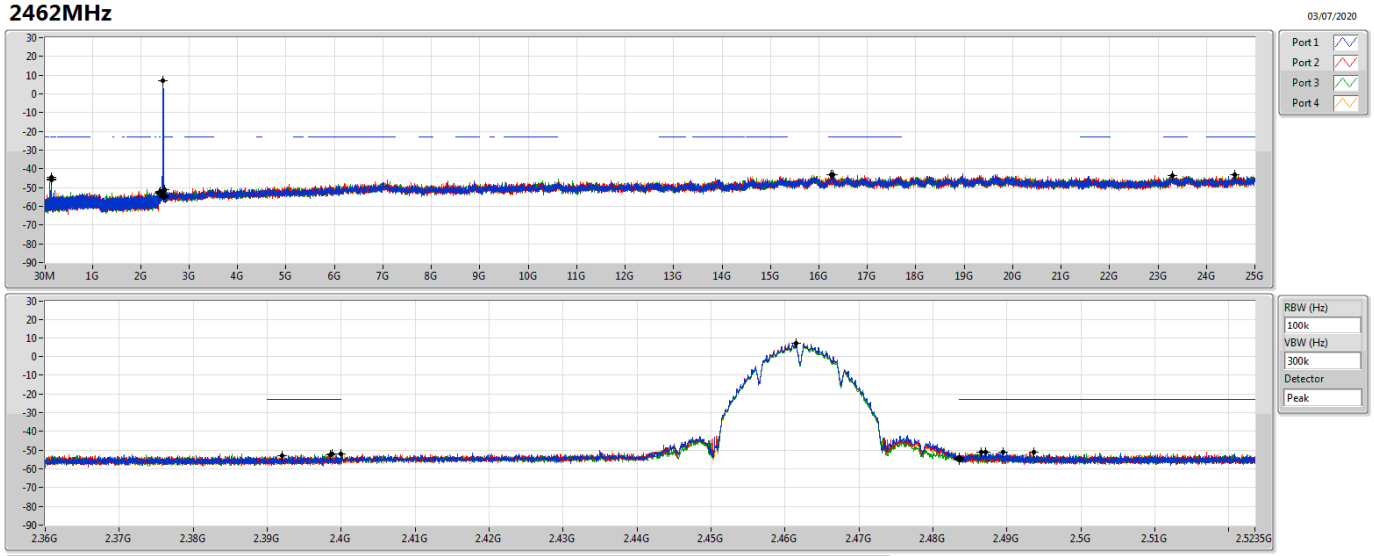




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4615G	7.20	-22.80	159.9M	-45.35	2.39468G	-51.30	2.4G	-54.13	2.5226G	-51.61	24.57857G	-41.87	1
2.4615G	7.20	-22.80	159.9M	-44.80	2.39024G	-52.52	2.4835G	-54.05	2.48724G	-50.60	24.77243G	-43.27	2
2.4615G	7.20	-22.80	159.9M	-45.69	2.39584G	-52.55	2.4835G	-53.70	2.48428G	-51.67	24.59823G	-43.22	3
2.4615G	7.20	-22.80	159.9M	-45.45	2.39634G	-52.14	2.4835G	-54.59	2.5145G	-52.03	17.60242G	-43.74	4

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

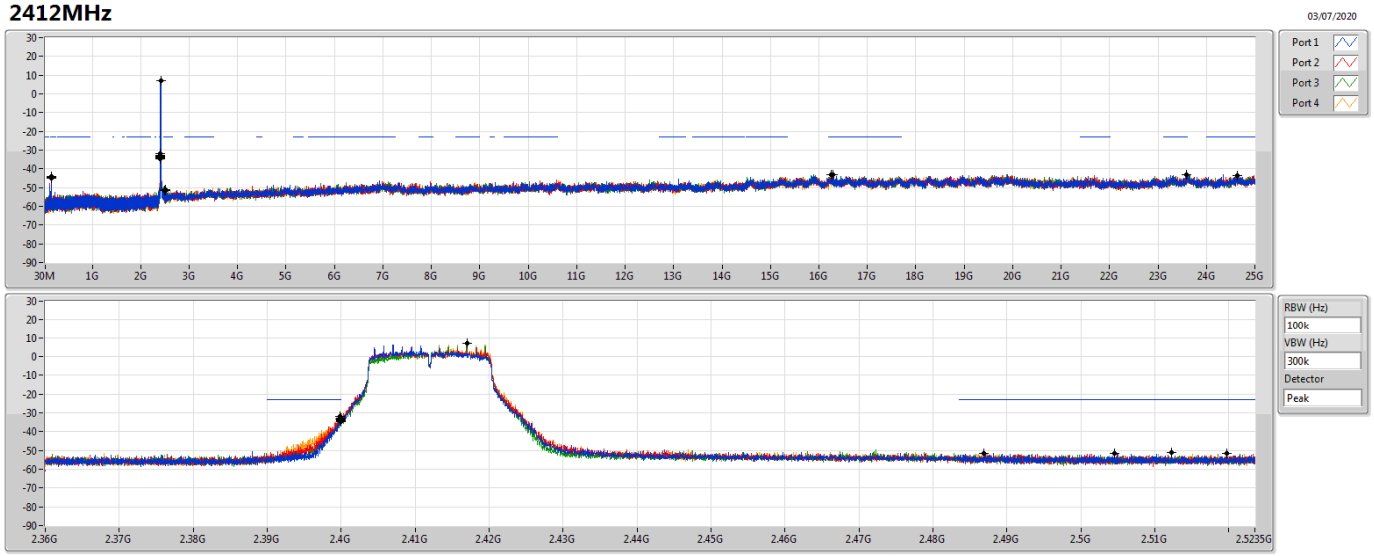
2462MHz



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
2.4615G	7.20	-22.80	159.9M	-45.25	2.39996G	-51.86	2.4835G	-53.88	2.49368G	-51.17	16.26226G	-43.12	1
2.4615G	7.20	-22.80	159.9M	-45.79	2.392G	-52.98	2.4835G	-54.83	2.48648G	-51.02	16.28193G	-43.19	2
2.4615G	7.20	-22.80	159.9M	-45.73	2.39878G	-51.87	2.4835G	-55.23	2.48716G	-51.22	24.58138G	-43.29	3
2.4615G	7.20	-22.80	159.9M	-44.41	2.3985G	-52.54	2.4835G	-54.31	2.48946G	-50.95	23.2946G	-43.50	4

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

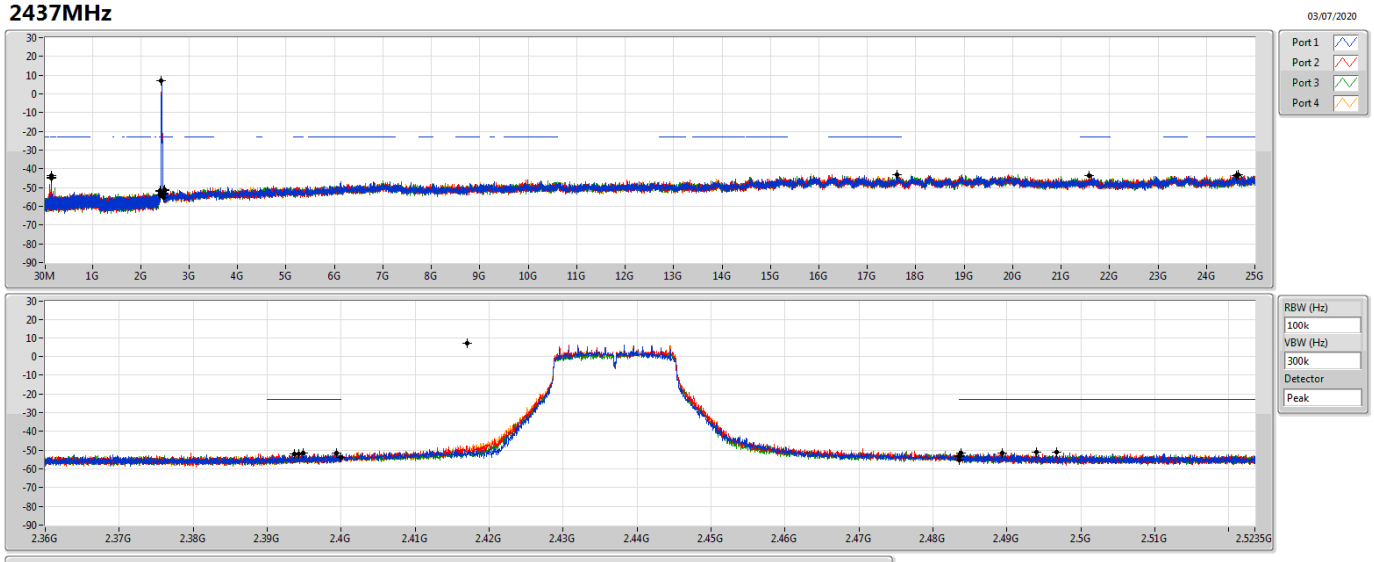
2412MHz



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
2.41699G	6.88	-23.12	159.9M	-45.21	2.3999G	-33.77	2.4G	-34.47	2.51222G	-51.01	16.29317G	-43.15	1
2.41699G	6.88	-23.12	159.9M	-44.85	2.39988G	-33.10	2.4G	-32.87	2.51966G	-51.36	24.63195G	-43.50	2
2.41699G	6.88	-23.12	159.9M	-44.17	2.39986G	-31.83	2.4G	-34.02	2.48686G	-51.58	23.5896G	-43.34	3
2.41699G	6.88	-23.12	159.9M	-44.56	2.4G	-32.66	2.4G	-32.58	2.50458G	-51.73	16.25102G	-43.07	4

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

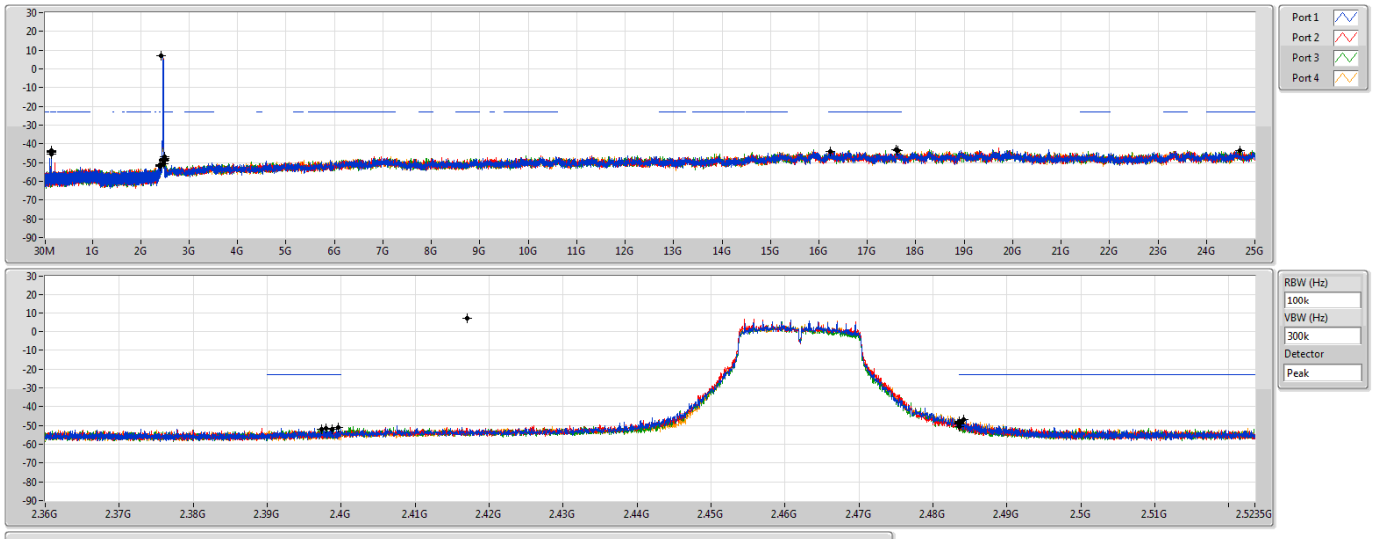
2437MHz



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
2.41699G	6.88	-23.12	159.9M	-44.84	2.39364G	-52.13	2.4G	-53.96	2.49672G	-51.01	24.65161G	-42.94	1
2.41699G	6.88	-23.12	159.9M	-44.52	2.39424G	-51.88	2.4835G	-53.37	2.49394G	-50.98	17.61647G	-42.95	2
2.41699G	6.88	-23.12	159.9M	-45.19	2.3994G	-51.42	2.4835G	-55.17	2.48932G	-51.41	24.62633G	-43.58	3
2.41699G	6.88	-23.12	159.9M	-43.61	2.39488G	-51.79	2.4835G	-52.77	2.48382G	-51.71	21.56952G	-43.38	4

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

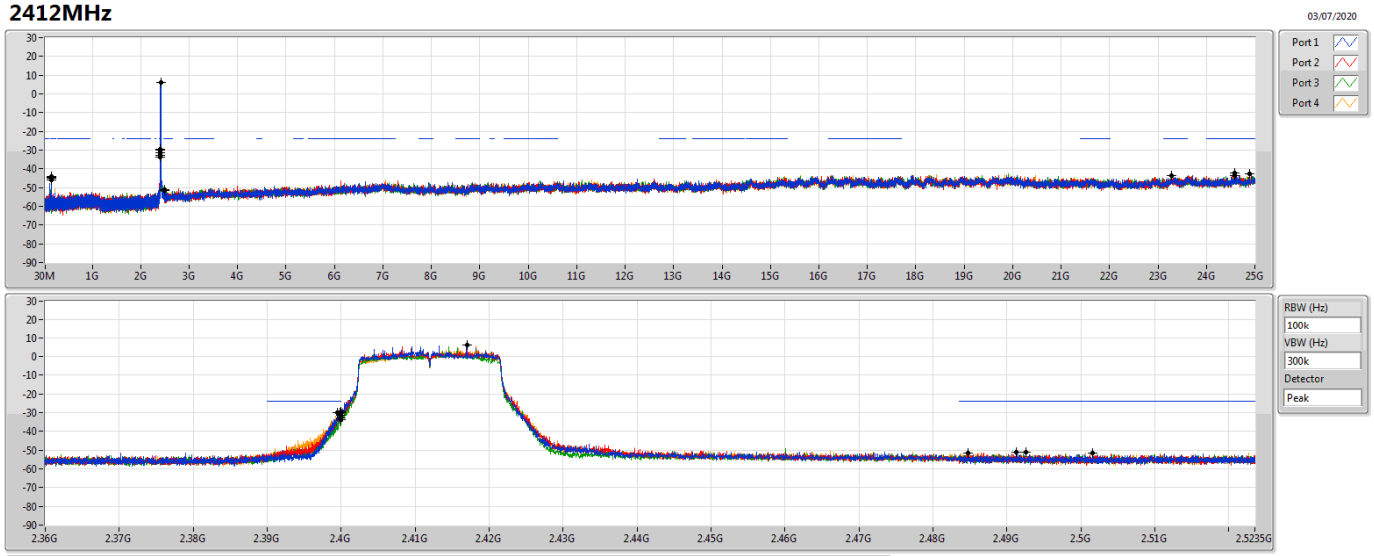
2462MHz



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
2.41699G	6.88	-23.12	159.9M	-44.04	2.39964G	-51.30	2.4835G	-49.07	2.4841G	-46.84	16.23697G	-43.94	1
2.41699G	6.88	-23.12	159.9M	-45.34	2.39796G	-51.47	2.4835G	-50.53	2.4835G	-48.81	24.69376G	-43.57	2
2.41699G	6.88	-23.12	159.9M	-43.59	2.39734G	-51.91	2.4835G	-50.40	2.4836G	-48.90	17.62209G	-43.36	3
2.41699G	6.88	-23.12	159.9M	-44.42	2.3988G	-52.18	2.4835G	-48.08	2.4836G	-47.77	17.60242G	-43.11	4

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

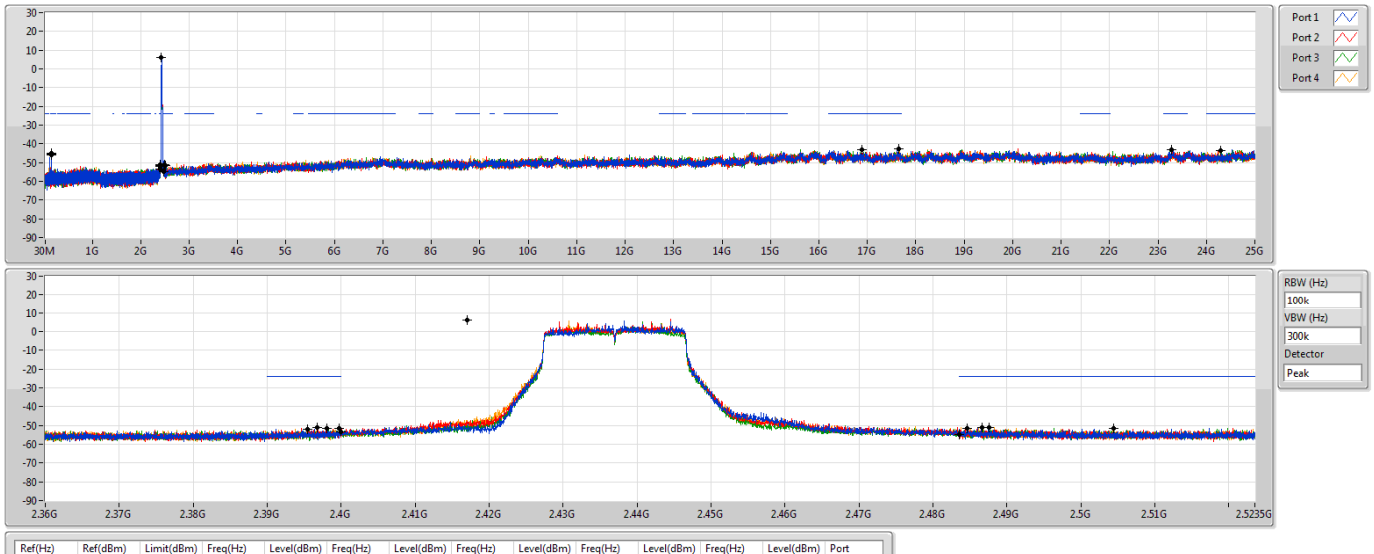
2412MHz



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
2.41699G	5.86	-24.14	159.9M	-44.77	2.39984G	-30.10	2.4G	-31.34	2.50162G	-51.56	24.5898G	-42.01	1
2.41699G	5.86	-24.14	159.9M	-44.14	2.39948G	-30.11	2.4G	-31.21	2.49124G	-50.90	24.5898G	-43.47	2
2.41699G	5.86	-24.14	159.9M	-45.85	2.39998G	-33.89	2.4G	-32.85	2.48474G	-51.79	23.28055G	-43.76	3
2.41699G	5.86	-24.14	159.9M	-44.65	2.39992G	-29.68	2.4G	-30.15	2.49256G	-51.18	24.88762G	-42.66	4

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

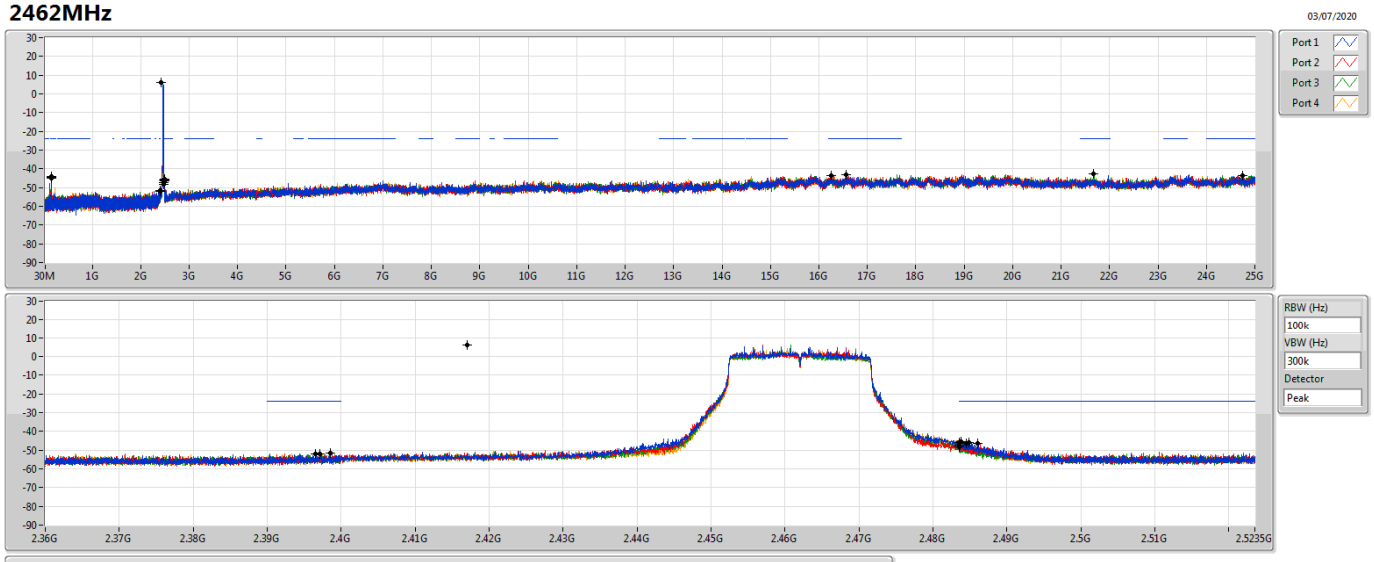
2437MHz



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
2.41699G	5.86	-24.14	159.9M	-45.08	2.3981G	-51.77	2.4835G	-54.84	2.48464G	-51.39	17.64176G	-42.52	1
2.41699G	5.86	-24.14	159.9M	-45.29	2.39974G	-51.51	2.4835G	-54.91	2.48664G	-51.03	24.30042G	-43.82	2
2.41699G	5.86	-24.14	159.9M	-45.30	2.39546G	-52.08	2.4G	-53.35	2.50446G	-51.57	16.88317G	-43.35	3
2.41699G	5.86	-24.14	159.9M	-45.74	2.3967G	-50.92	2.4G	-53.50	2.4876G	-50.89	23.27774G	-43.17	4

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

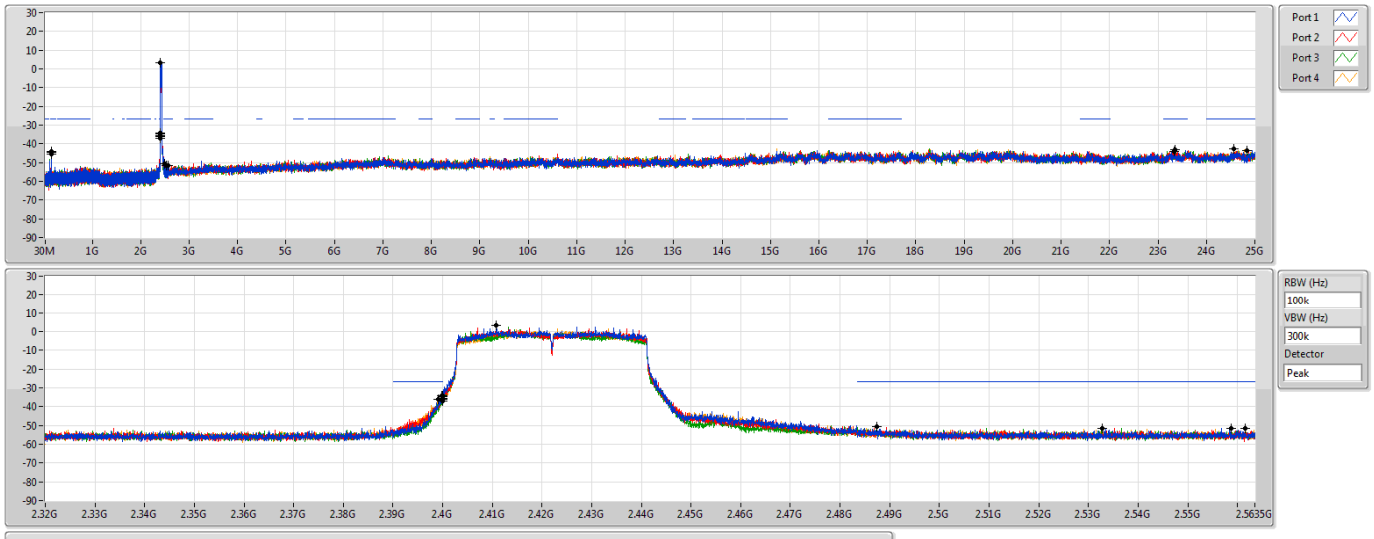
2462MHz



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
2.41699G	5.86	-24.14	159.9M	-44.78	2.39848G	-51.50	2.4835G	-47.41	2.48374G	-45.35	16.25383G	-43.52	1
2.41699G	5.86	-24.14	159.9M	-44.28	2.39652G	-52.02	2.4835G	-48.37	2.48604G	-46.28	24.73871G	-43.49	2
2.41699G	5.86	-24.14	159.9M	-44.64	2.39716G	-51.93	2.4835G	-48.46	2.48444G	-46.24	16.56288G	-42.91	3
2.41699G	5.86	-24.14	159.9M	-45.20	2.39654G	-51.87	2.4835G	-45.96	2.4849G	-45.99	21.66786G	-42.89	4

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

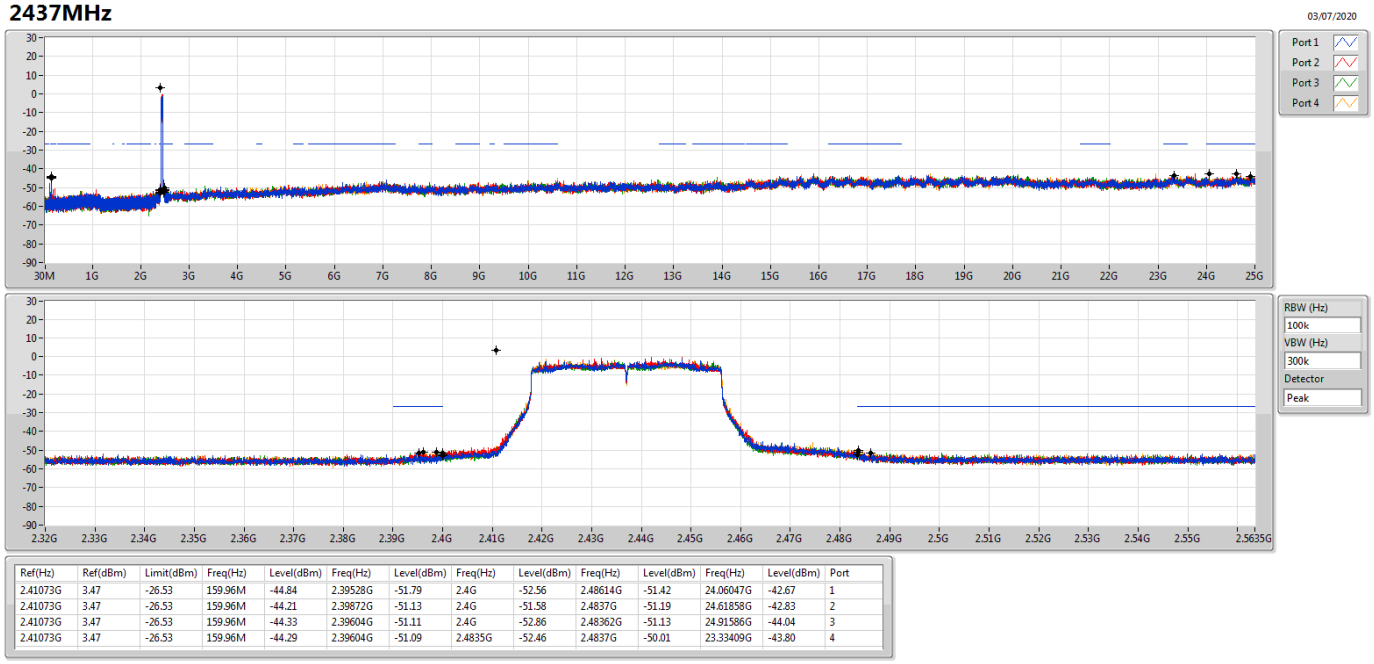
2422MHz



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
2.41073G	3.47	-26.53	159.96M	-45.26	2.39984G	-34.21	2.4G	-35.49	2.55866G	-51.63	23.34811G	-43.26	1
2.41073G	3.47	-26.53	159.96M	-45.37	2.39912G	-35.89	2.4G	-35.64	2.48742G	-50.49	24.83453G	-43.49	2
2.41073G	3.47	-26.53	159.96M	-44.53	2.39996G	-34.50	2.4G	-36.99	2.56162G	-51.57	23.32568G	-43.99	3
2.41073G	3.47	-26.53	159.96M	-43.97	2.39996G	-34.27	2.4G	-36.30	2.53282G	-51.55	24.56249G	-42.47	4

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

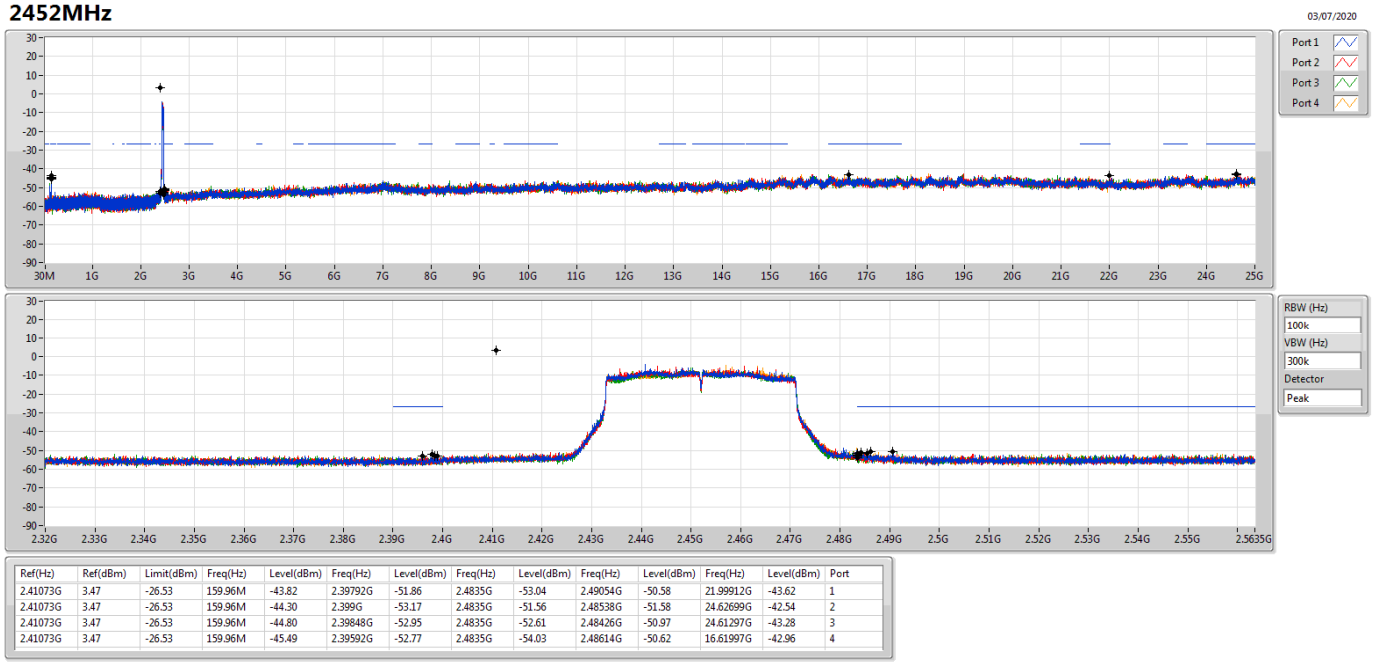
2437MHz



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
2.41073G	3.47	-26.53	159.96M	-44.84	2.39528G	-51.79	2.4G	-52.56	2.48614G	-51.42	24.06047G	-42.67	1
2.41073G	3.47	-26.53	159.96M	-44.21	2.39872G	-51.13	2.4G	-51.58	2.4837G	-51.19	24.61858G	-42.83	2
2.41073G	3.47	-26.53	159.96M	-44.33	2.39604G	-51.11	2.4G	-52.86	2.48362G	-51.13	24.91586G	-44.04	3
2.41073G	3.47	-26.53	159.96M	-44.29	2.39604G	-51.09	2.4835G	-52.46	2.4837G	-50.01	23.33409G	-43.80	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
2.41073G	3.47	-26.53	159.96M	-43.82	2.39792G	-51.86	2.4835G	-53.04	2.49054G	-50.58	21.99912G	-43.62	1
2.41073G	3.47	-26.53	159.96M	-44.30	2.399G	-53.17	2.4835G	-51.56	2.48538G	-51.58	24.62699G	-42.54	2
2.41073G	3.47	-26.53	159.96M	-44.80	2.39848G	-52.95	2.4835G	-52.61	2.48426G	-50.97	24.61297G	-43.28	3
2.41073G	3.47	-26.53	159.96M	-45.49	2.39592G	-52.77	2.4835G	-54.03	2.48614G	-50.62	16.61997G	-42.96	4

For Internal antenna
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	2.41248G	12.26	-17.74	47.77M	-51.69	2.39852G	-33.51	2.4G	-39.14	2.50786G	-52.52	24.86795G	-44.83	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.44196G	10.26	-19.74	2.16399G	-54.12	2.39988G	-23.33	2.4G	-22.80	2.49518G	-51.31	15.26487G	-45.32	1
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.442G	10.22	-19.78	45.44M	-53.28	2.39998G	-23.80	2.4G	-25.08	2.4883G	-52.18	23.44069G	-45.12	1
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.4157G	4.79	-25.21	832.65M	-52.72	2.39996G	-27.28	2.4G	-31.22	2.48694G	-47.18	17.10516G	-45.32	1

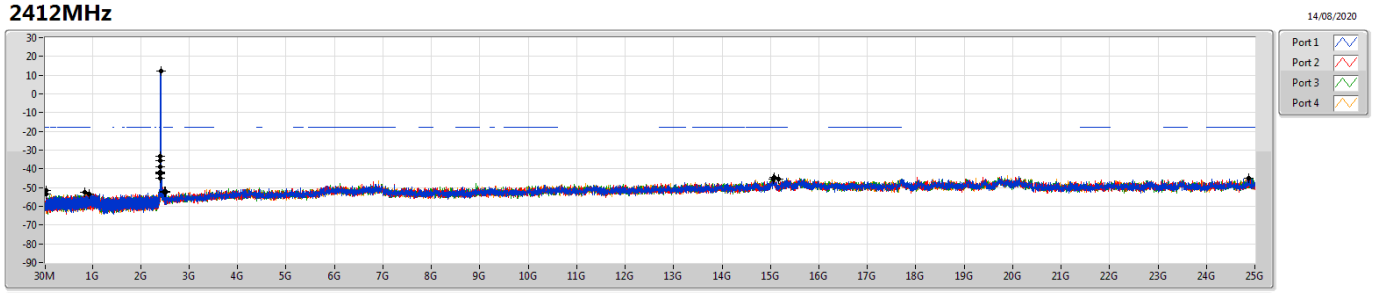
Result

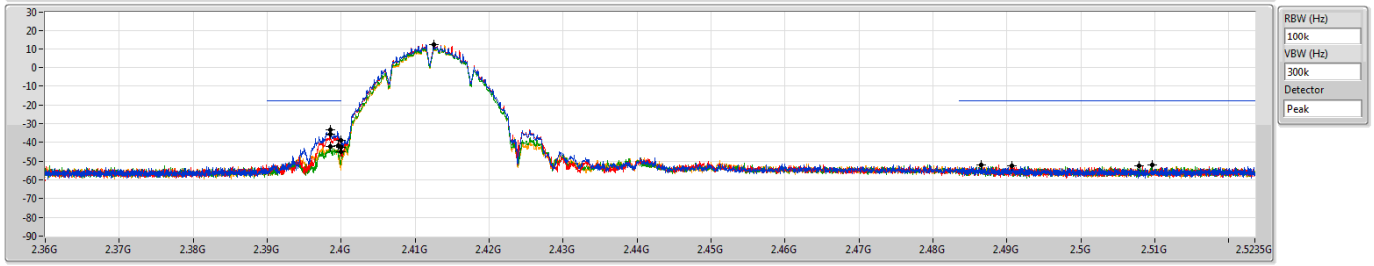
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41248G	12.26	-17.74	47.77M	-51.69	2.39852G	-33.51	2.4G	-39.14	2.50786G	-52.52	24.86795G	-44.83	1
2412MHz	Pass	2.41248G	12.26	-17.74	43.98M	-53.21	2.3985G	-35.85	2.4G	-45.08	2.4865G	-51.89	15.05977G	-45.41	2
2412MHz	Pass	2.41248G	12.26	-17.74	847.54M	-52.68	2.39852G	-42.06	2.4G	-42.58	2.50958G	-52.06	15.0682G	-44.67	3
2412MHz	Pass	2.41248G	12.26	-17.74	936.95M	-53.28	2.3996G	-41.64	2.4G	-42.54	2.49066G	-52.35	15.16372G	-45.63	4
2437MHz	Pass	2.41248G	12.26	-17.74	47.77M	-50.88	2.399G	-51.69	2.4835G	-52.39	2.49586G	-52.47	23.49126G	-45.50	1
2437MHz	Pass	2.41248G	12.26	-17.74	722.01M	-53.39	2.3997G	-50.81	2.4835G	-54.07	2.4858G	-51.54	17.68671G	-45.70	2
2437MHz	Pass	2.41248G	12.26	-17.74	44.85M	-53.50	2.39904G	-52.56	2.4835G	-54.75	2.48496G	-52.11	23.44912G	-44.94	3
2437MHz	Pass	2.41248G	12.26	-17.74	949.77M	-52.42	2.39712G	-52.56	2.4835G	-55.29	2.48606G	-52.12	15.33791G	-44.23	4
2462MHz	Pass	2.41248G	12.26	-17.74	47.77M	-51.24	2.39994G	-52.14	2.4G	-53.77	2.48748G	-47.65	24.33413G	-44.49	1
2462MHz	Pass	2.41248G	12.26	-17.74	878.12M	-53.65	2.39352G	-51.86	2.4G	-54.87	2.48868G	-49.60	17.4479G	-45.23	2
2462MHz	Pass	2.41248G	12.26	-17.74	47.77M	-52.39	2.3951G	-52.86	2.4G	-55.27	2.48882G	-49.97	15.09629G	-45.47	3
2462MHz	Pass	2.41248G	12.26	-17.74	864.72M	-53.53	2.39294G	-52.81	2.4835G	-52.21	2.4858G	-50.14	15.04853G	-44.24	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	10.26	-19.74	2.16399G	-54.12	2.39988G	-23.33	2.4G	-22.80	2.49518G	-51.31	15.26487G	-45.32	1
2412MHz	Pass	2.44196G	10.26	-19.74	1.86109G	-53.46	2.39978G	-28.87	2.4G	-28.61	2.48722G	-52.42	24.77804G	-45.11	2
2412MHz	Pass	2.44196G	10.26	-19.74	946.86M	-52.91	2.4G	-30.77	2.4G	-31.63	2.48946G	-52.29	15.0401G	-44.35	3
2412MHz	Pass	2.44196G	10.26	-19.74	372.22M	-53.46	2.39984G	-28.88	2.4G	-29.96	2.4849G	-52.60	15.07382G	-44.97	4
2417MHz															
2437MHz	Pass	2.44196G	10.26	-19.74	1.96157G	-53.18	2.39874G	-50.47	2.4G	-51.25	2.48474G	-50.69	15.0682G	-44.83	1
2437MHz	Pass	2.44196G	10.26	-19.74	902M	-52.90	2.39986G	-49.94	2.4G	-52.64	2.48558G	-51.01	17.68952G	-44.93	2
2437MHz	Pass	2.44196G	10.26	-19.74	1.90769G	-53.23	2.39784G	-51.39	2.4G	-52.13	2.4843G	-50.44	17.04051G	-45.00	3
2437MHz	Pass	2.44196G	10.26	-19.74	2.1404G	-53.16	2.39862G	-51.14	2.4835G	-53.15	2.48742G	-51.50	23.5025G	-45.36	4
2457MHz															
2462MHz	Pass	2.44196G	10.26	-19.74	675.99M	-52.36	2.39996G	-52.89	2.4835G	-46.47	2.48416G	-46.17	23.48846G	-45.21	1
2462MHz	Pass	2.44196G	10.26	-19.74	900.55M	-53.22	2.39844G	-52.39	2.4835G	-49.31	2.48452G	-47.87	14.94177G	-45.57	2
2462MHz	Pass	2.44196G	10.26	-19.74	785.21M	-52.27	2.3976G	-52.79	2.4835G	-50.62	2.48354G	-49.17	15.01762G	-45.63	3
2462MHz	Pass	2.44196G	10.26	-19.74	947.73M	-52.81	2.39286G	-52.87	2.4835G	-52.23	2.48412G	-48.62	15.06258G	-45.52	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	10.22	-19.78	45.44M	-53.28	2.39998G	-23.80	2.4G	-25.08	2.4883G	-52.18	23.44069G	-45.12	1
2412MHz	Pass	2.442G	10.22	-19.78	847.25M	-53.88	2.39982G	-27.39	2.4G	-30.00	2.50968G	-51.75	15.05977G	-44.84	2
2412MHz	Pass	2.442G	10.22	-19.78	47.77M	-52.22	2.39982G	-29.96	2.4G	-28.84	2.48864G	-52.26	15.05696G	-44.70	3
2412MHz	Pass	2.442G	10.22	-19.78	48.06M	-52.90	2.39988G	-28.31	2.4G	-29.75	2.48504G	-52.66	24.93257G	-45.33	4
2417MHz															
2437MHz	Pass	2.442G	10.22	-19.78	1.77546G	-53.22	2.4G	-50.23	2.4G	-49.31	2.48444G	-51.01	15.02886G	-43.89	1
2437MHz	Pass	2.442G	10.22	-19.78	846.08M	-52.90	2.39752G	-49.27	2.4835G	-52.18	2.48458G	-50.85	15.04572G	-44.86	2
2437MHz	Pass	2.442G	10.22	-19.78	1.804G	-52.98	2.399G	-50.53	2.4835G	-52.72	2.48912G	-51.37	23.52217G	-45.05	3
2437MHz	Pass	2.442G	10.22	-19.78	2.08826G	-53.12	2.39952G	-52.32	2.4G	-53.98	2.49512G	-51.83	15.01201G	-44.65	4
2457MHz															
2462MHz	Pass	2.442G	10.22	-19.78	1.94031G	-53.05	2.4G	-51.10	2.4835G	-43.49	2.4835G	-41.92	24.83985G	-45.75	1
2462MHz	Pass	2.442G	10.22	-19.78	2.09555G	-53.27	2.39686G	-52.59	2.4835G	-47.58	2.4838G	-45.05	22.00782G	-45.15	2
2462MHz	Pass	2.442G	10.22	-19.78	47.77M	-52.96	2.39658G	-53.14	2.4835G	-45.56	2.48366G	-44.49	15.05134G	-45.65	3
2462MHz	Pass	2.442G	10.22	-19.78	606.68M	-53.59	2.396G	-52.67	2.4835G	-47.68	2.48378G	-44.24	15.32387G	-45.07	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4157G	4.79	-25.21	832.65M	-52.72	2.39996G	-27.28	2.4G	-31.22	2.48694G	-47.18	17.10516G	-45.32	1
2422MHz	Pass	2.4157G	4.79	-25.21	48.03M	-51.93	2.3998G	-30.81	2.4G	-29.54	2.5303G	-51.97	17.06028G	-43.88	2
2422MHz	Pass	2.4157G	4.79	-25.21	924.25M	-53.88	2.39992G	-32.48	2.4G	-34.15	2.54198G	-52.78	24.80649G	-45.69	3
2422MHz	Pass	2.4157G	4.79	-25.21	910.51M	-52.46	2.4G	-31.82	2.4G	-31.68	2.4879G	-52.69	17.06309G	-45.27	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
2427MHz															
2437MHz	Pass	2.4157G	4.79	-25.21	47.75M	-50.71	2.39972G	-43.95	2.4G	-44.06	2.48374G	-43.51	15.05502G	-44.23	1
2437MHz	Pass	2.4157G	4.79	-25.21	947.15M	-53.05	2.39988G	-43.20	2.4G	-46.98	2.48394G	-46.94	15.05502G	-45.30	2
2437MHz	Pass	2.4157G	4.79	-25.21	895.05M	-52.75	2.3976G	-48.48	2.4835G	-48.05	2.4839G	-46.84	17.68851G	-45.51	3
2437MHz	Pass	2.4157G	4.79	-25.21	1.81105G	-53.24	2.39888G	-44.48	2.4G	-48.15	2.48446G	-48.06	15.03819G	-44.51	4
2447MHz															
2452MHz	Pass	2.4157G	4.79	-25.21	869M	-53.54	2.39724G	-52.84	2.4835G	-46.26	2.48398G	-44.75	15.05783G	-45.21	1
2452MHz	Pass	2.4157G	4.79	-25.21	902.2M	-52.74	2.39864G	-51.55	2.4835G	-48.28	2.48698G	-46.73	23.47993G	-44.43	2
2452MHz	Pass	2.4157G	4.79	-25.21	2.00112G	-52.96	2.39688G	-53.10	2.4835G	-50.27	2.48378G	-47.85	16.95651G	-45.00	3
2452MHz	Pass	2.4157G	4.79	-25.21	913.37M	-53.30	2.39952G	-53.11	2.4835G	-49.07	2.4857G	-44.87	24.88501G	-44.69	4

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

2412MHz

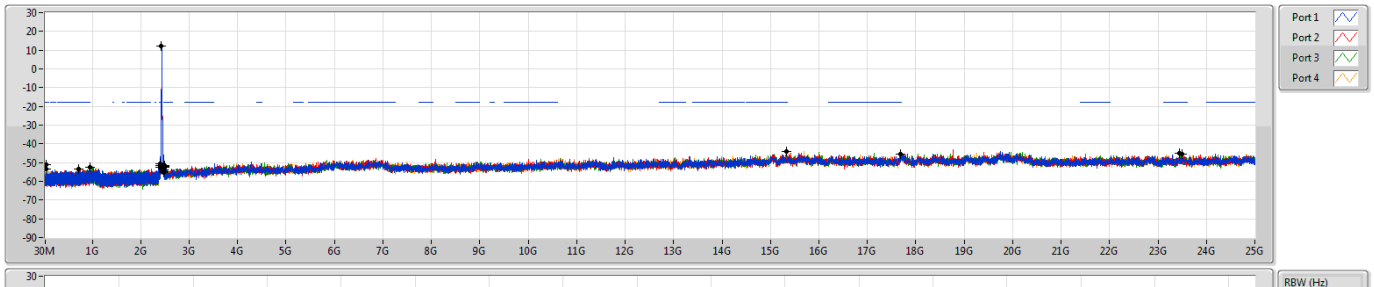


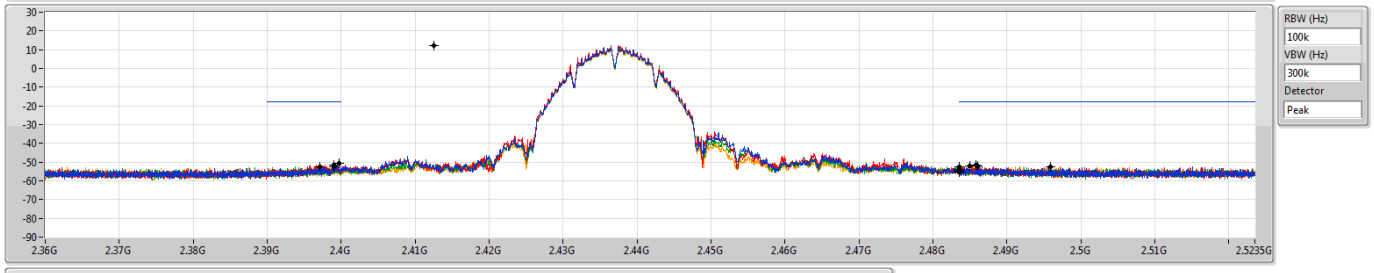


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	12.26	-17.74	47.77M	-51.69	2.39852G	-33.51	2.4G	-39.14	2.50786G	-52.52	24.86795G	-44.83	1
2.41248G	12.26	-17.74	43.98M	-53.21	2.3985G	-35.85	2.4G	-45.08	2.4865G	-51.89	15.05977G	-45.41	2
2.41248G	12.26	-17.74	847.54M	-52.68	2.39852G	-42.06	2.4G	-42.58	2.50958G	-52.06	15.0682G	-44.67	3
2.41248G	12.26	-17.74	936.95M	-53.28	2.3996G	-41.64	2.4G	-42.54	2.49066G	-52.35	15.16372G	-45.63	4

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

2437MHz

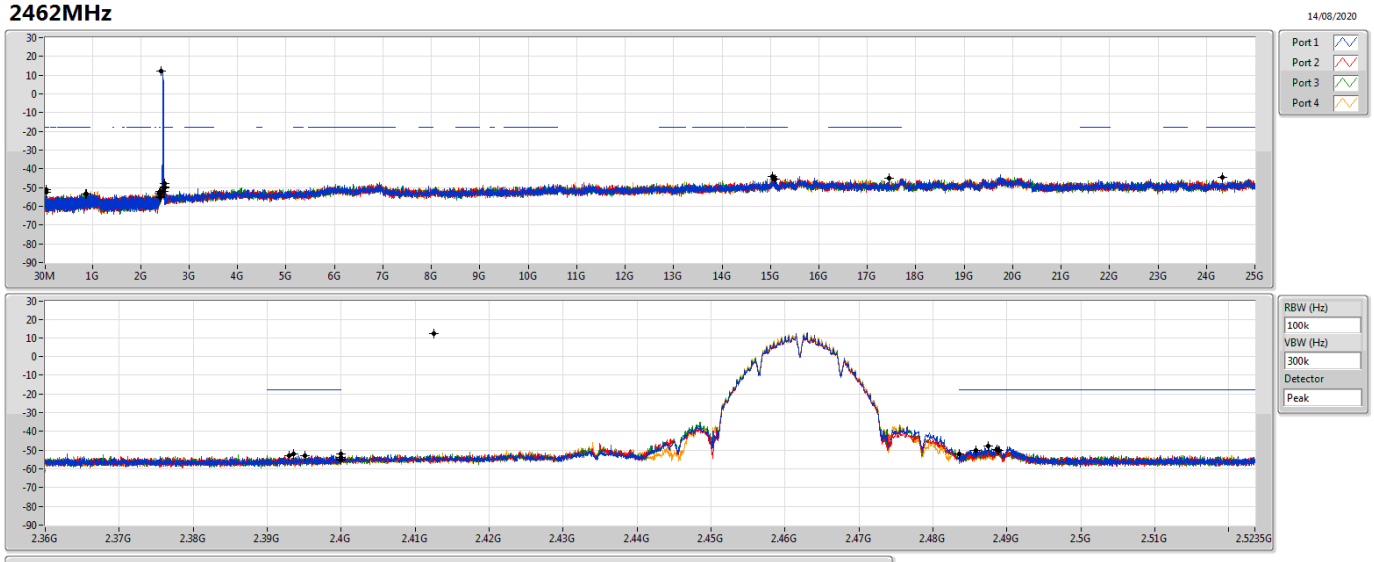




Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41248G	12.26	-17.74	47.77M	-50.88	2.399G	-51.69	2.4835G	-52.39	2.49586G	-52.47	23.49126G	-45.50	1
2.41248G	12.26	-17.74	722.01M	-53.39	2.3997G	-50.81	2.4835G	-54.07	2.4858G	-51.54	17.68671G	-45.70	2
2.41248G	12.26	-17.74	44.85M	-53.50	2.39904G	-52.56	2.4835G	-54.75	2.48496G	-52.11	23.44912G	-44.94	3
2.41248G	12.26	-17.74	949.77M	-52.42	2.39712G	-52.56	2.4835G	-55.29	2.48606G	-52.12	15.33791G	-44.23	4

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

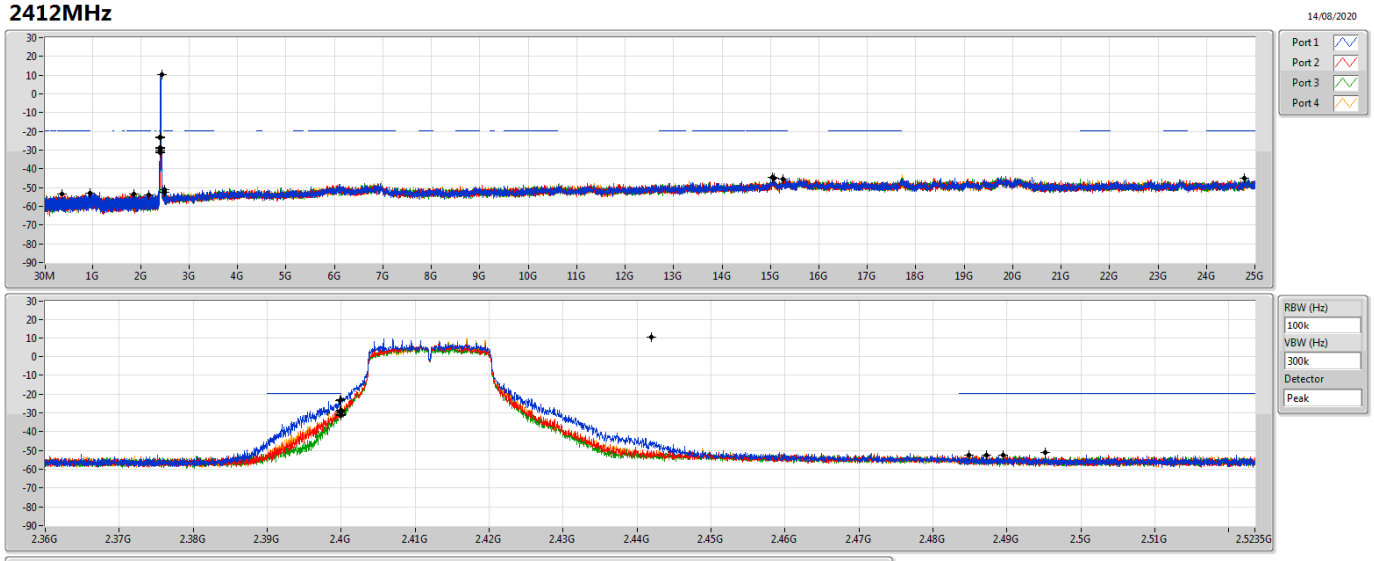
2462MHz



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
2.41248G	12.26	-17.74	47.77M	-51.24	2.39994G	-52.14	2.4G	-53.77	2.48748G	-47.65	24.33413G	-44.49	1
2.41248G	12.26	-17.74	878.12M	-53.65	2.39352G	-51.86	2.4G	-54.87	2.48868G	-49.60	17.4479G	-45.23	2
2.41248G	12.26	-17.74	47.77M	-52.39	2.3951G	-52.86	2.4G	-55.27	2.48882G	-49.97	15.09629G	-45.47	3
2.41248G	12.26	-17.74	864.72M	-53.53	2.39294G	-52.81	2.4835G	-52.21	2.4858G	-50.14	15.04853G	-44.24	4

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

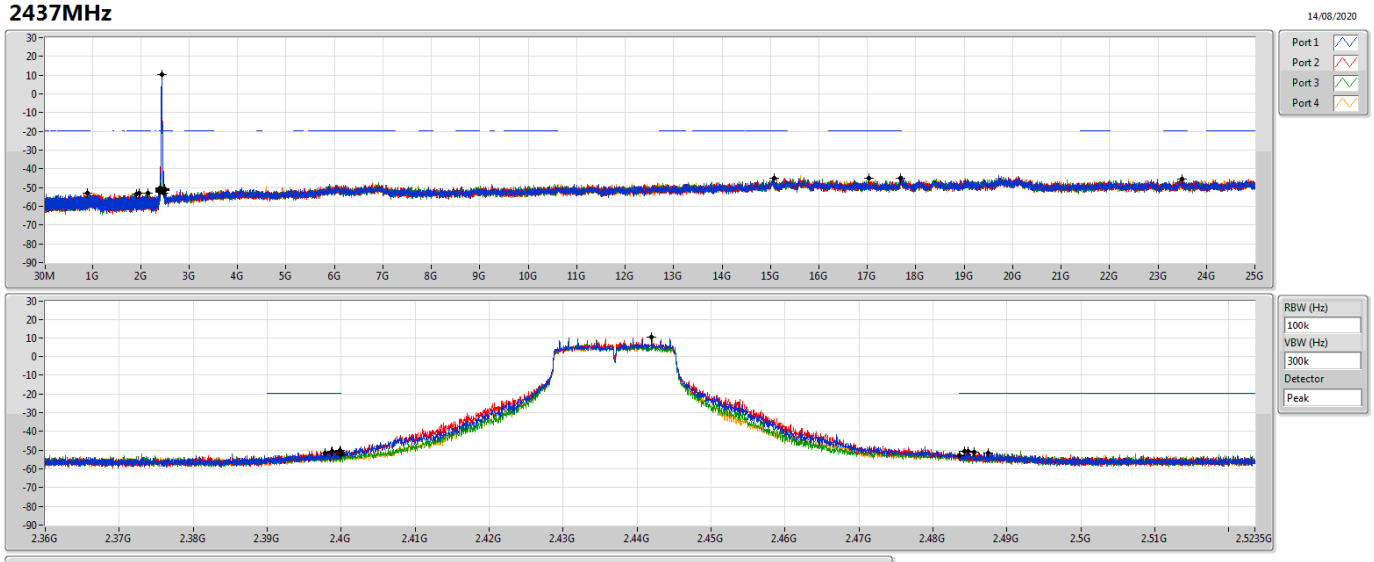
2412MHz



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	10.26	-19.74	2.16399G	-54.12	2.39988G	-23.33	2.4G	-22.80	2.49518G	-51.31	15.26487G	-45.32	1
2.44196G	10.26	-19.74	1.86109G	-53.46	2.39978G	-28.87	2.4G	-28.61	2.48722G	-52.42	24.77804G	-45.11	2
2.44196G	10.26	-19.74	946.86M	-52.91	2.4G	-30.77	2.4G	-31.63	2.48946G	-52.29	15.0401G	-44.35	3
2.44196G	10.26	-19.74	372.22M	-53.46	2.39984G	-28.88	2.4G	-29.96	2.4849G	-52.60	15.07382G	-44.97	4

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

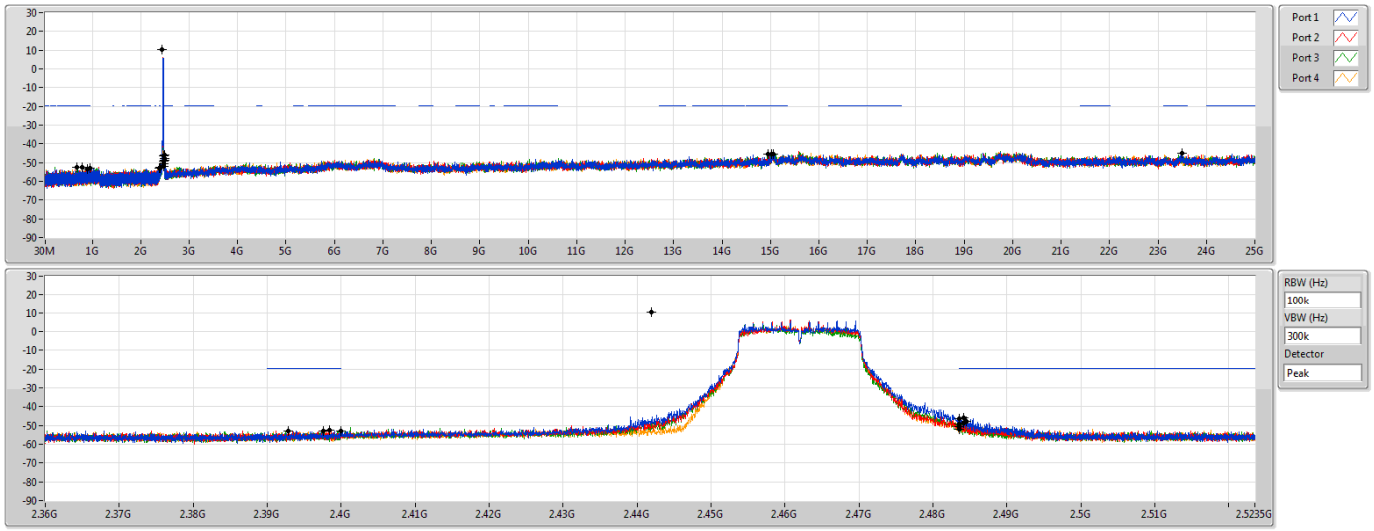
2437MHz



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	10.26	-19.74	1.96157G	-53.18	2.39874G	-50.47	2.4G	-51.25	2.48474G	-50.69	15.0682G	-44.83	1
2.44196G	10.26	-19.74	902M	-52.90	2.39986G	-49.94	2.4G	-52.64	2.48558G	-51.01	17.68952G	-44.93	2
2.44196G	10.26	-19.74	1.90769G	-53.23	2.39784G	-51.39	2.4G	-52.13	2.4843G	-50.44	17.04051G	-45.00	3
2.44196G	10.26	-19.74	2.1404G	-53.16	2.39862G	-51.14	2.4835G	-53.15	2.48742G	-51.50	23.5025G	-45.36	4

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

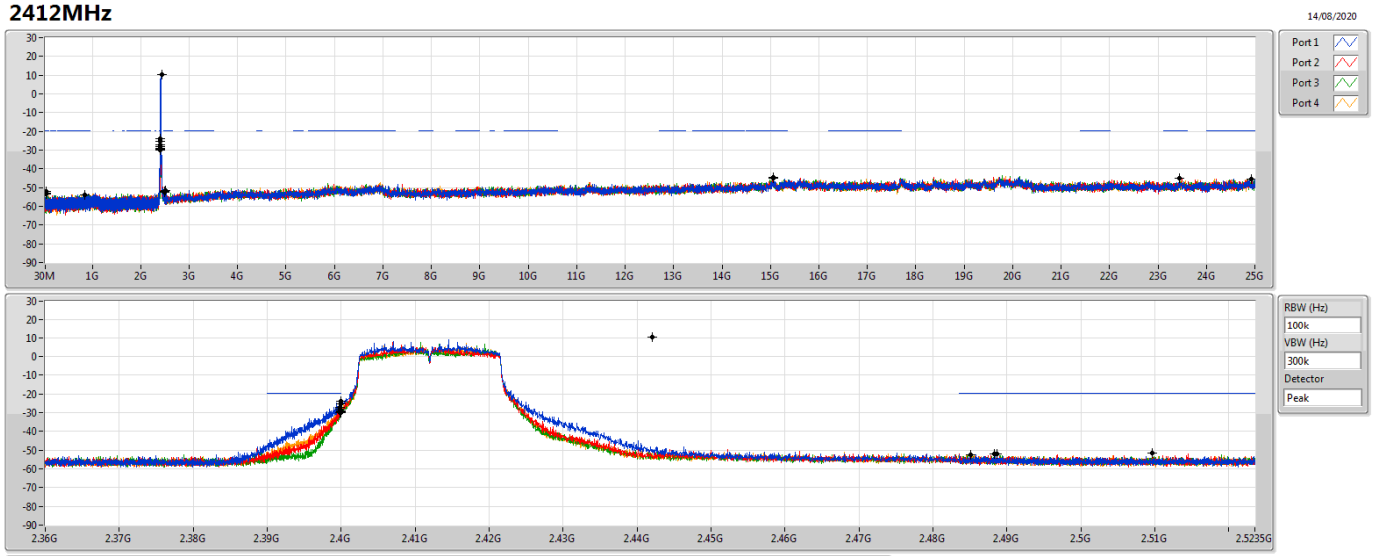
2462MHz



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	10.26	-19.74	675.99M	-52.36	2.39996G	-52.89	2.4835G	-46.47	2.48416G	-46.17	23.48846G	-45.21	1
2.44196G	10.26	-19.74	900.55M	-53.22	2.39844G	-52.39	2.4835G	-49.31	2.48452G	-47.87	14.94177G	-45.57	2
2.44196G	10.26	-19.74	785.21M	-52.27	2.3976G	-52.79	2.4835G	-50.62	2.48354G	-49.17	15.01762G	-45.63	3
2.44196G	10.26	-19.74	947.73M	-52.81	2.39286G	-52.87	2.4835G	-52.23	2.48412G	-48.62	15.06258G	-45.52	4

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

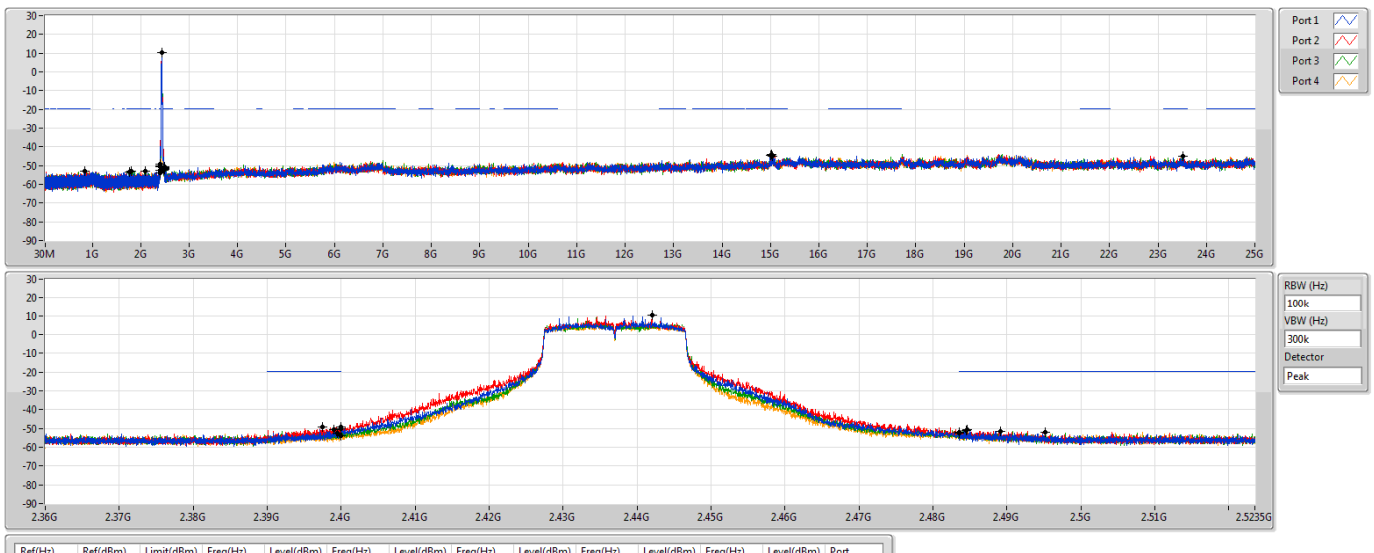
2412MHz



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
2.442G	10.22	-19.78	45.44M	-53.28	2.39998G	-23.80	2.4G	-25.08	2.4883G	-52.18	23.44069G	-45.12	1
2.442G	10.22	-19.78	847.25M	-53.88	2.39982G	-27.39	2.4G	-30.00	2.50968G	-51.75	15.05977G	-44.84	2
2.442G	10.22	-19.78	47.77M	-52.22	2.39982G	-29.96	2.4G	-28.84	2.48864G	-52.26	15.05696G	-44.70	3
2.442G	10.22	-19.78	48.06M	-52.90	2.39988G	-28.31	2.4G	-29.75	2.48504G	-52.66	24.93257G	-45.33	4

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

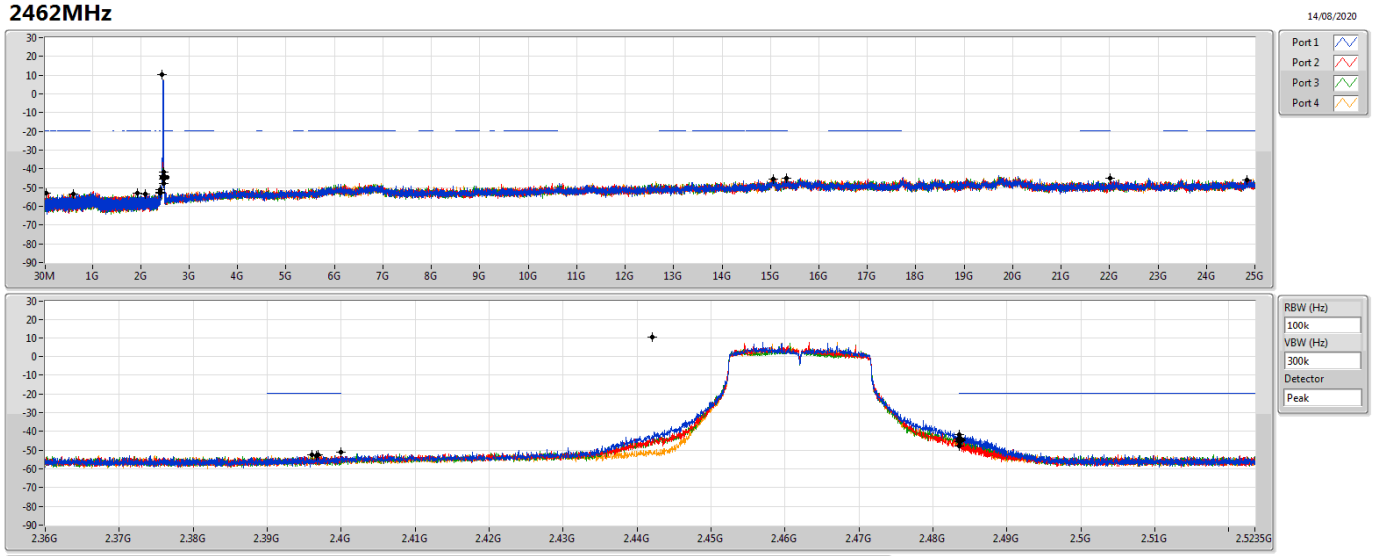
2437MHz



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
2.442G	10.22	-19.78	1.77546G	-53.22	2.4G	-50.23	2.4G	-49.31	2.48444G	-51.01	15.02886G	-43.89	1
2.442G	10.22	-19.78	846.08M	-52.90	2.39752G	-49.27	2.4835G	-52.18	2.48458G	-50.85	15.04572G	-44.86	2
2.442G	10.22	-19.78	1.804G	-52.98	2.399G	-50.53	2.4835G	-52.72	2.48912G	-51.37	23.52217G	-45.05	3
2.442G	10.22	-19.78	2.08826G	-53.12	2.39952G	-52.32	2.4G	-53.98	2.49512G	-51.83	15.01201G	-44.65	4

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

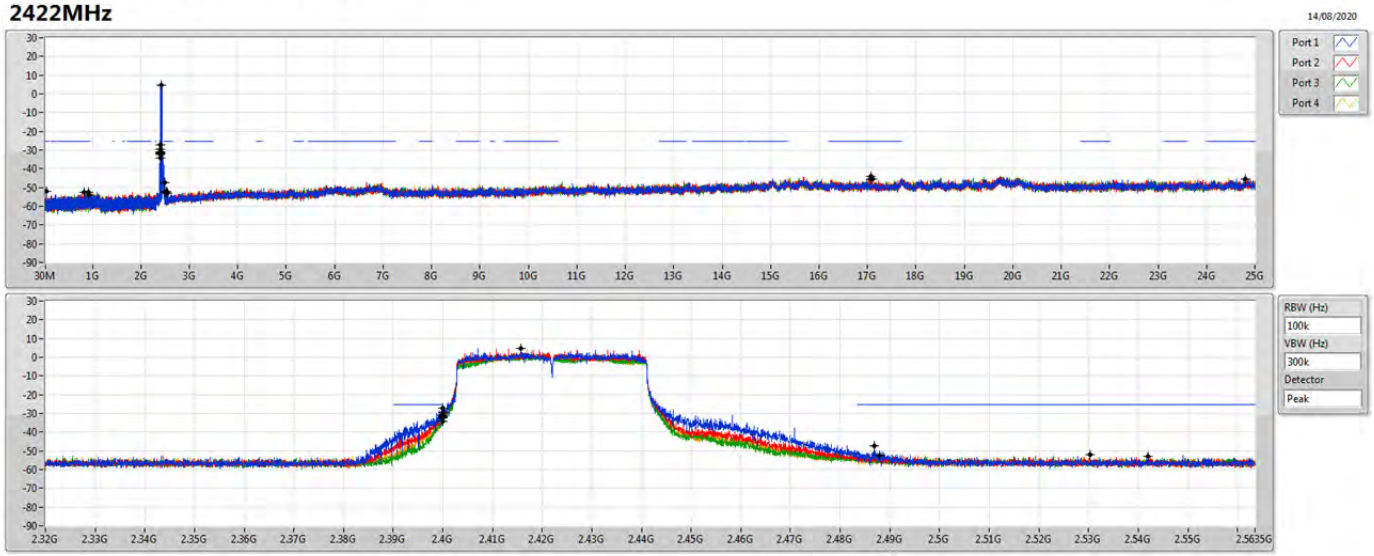
2462MHz



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
2.442G	10.22	-19.78	1.94031G	-53.05	2.4G	-51.10	2.4835G	-43.49	2.4835G	-41.92	24.83985G	-45.75	1
2.442G	10.22	-19.78	2.09555G	-53.27	2.39686G	-52.59	2.4835G	-47.58	2.4838G	-45.05	22.00782G	-45.15	2
2.442G	10.22	-19.78	47.77M	-52.96	2.39658G	-53.14	2.4835G	-45.56	2.48366G	-44.49	15.05134G	-45.65	3
2.442G	10.22	-19.78	606.68M	-53.59	2.396G	-52.67	2.4835G	-47.68	2.48378G	-44.24	15.32387G	-45.07	4

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

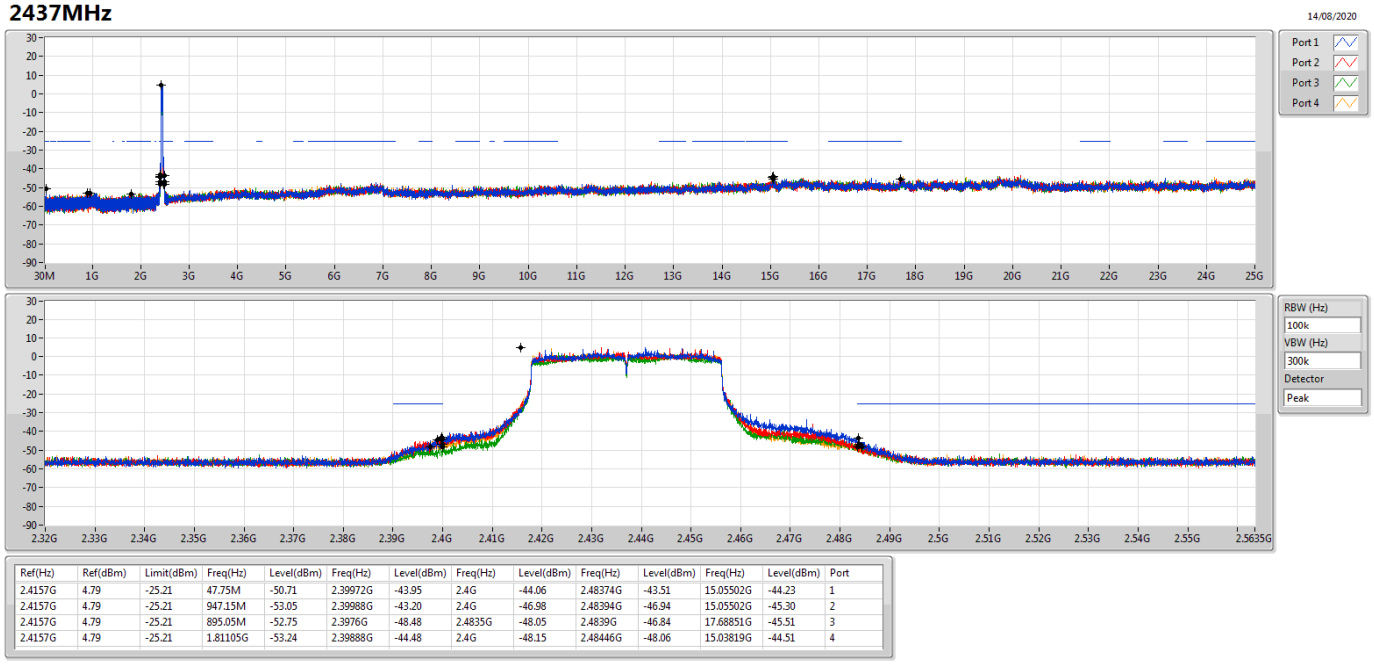
2422MHz



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
2.4157G	4.79	-25.21	832.65M	-52.72	2.39996G	-27.28	2.4G	-31.22	2.48694G	-47.18	17.10516G	-45.32	1
2.4157G	4.79	-25.21	48.03M	-51.93	2.3998G	-30.81	2.4G	-29.54	2.5303G	-51.97	17.06028G	-43.88	2
2.4157G	4.79	-25.21	924.25M	-53.88	2.39992G	-32.48	2.4G	-34.15	2.54198G	-52.78	24.80649G	-45.69	3
2.4157G	4.79	-25.21	910.51M	-52.46	2.4G	-31.82	2.4G	-31.68	2.4879G	-52.69	17.06309G	-45.27	4

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

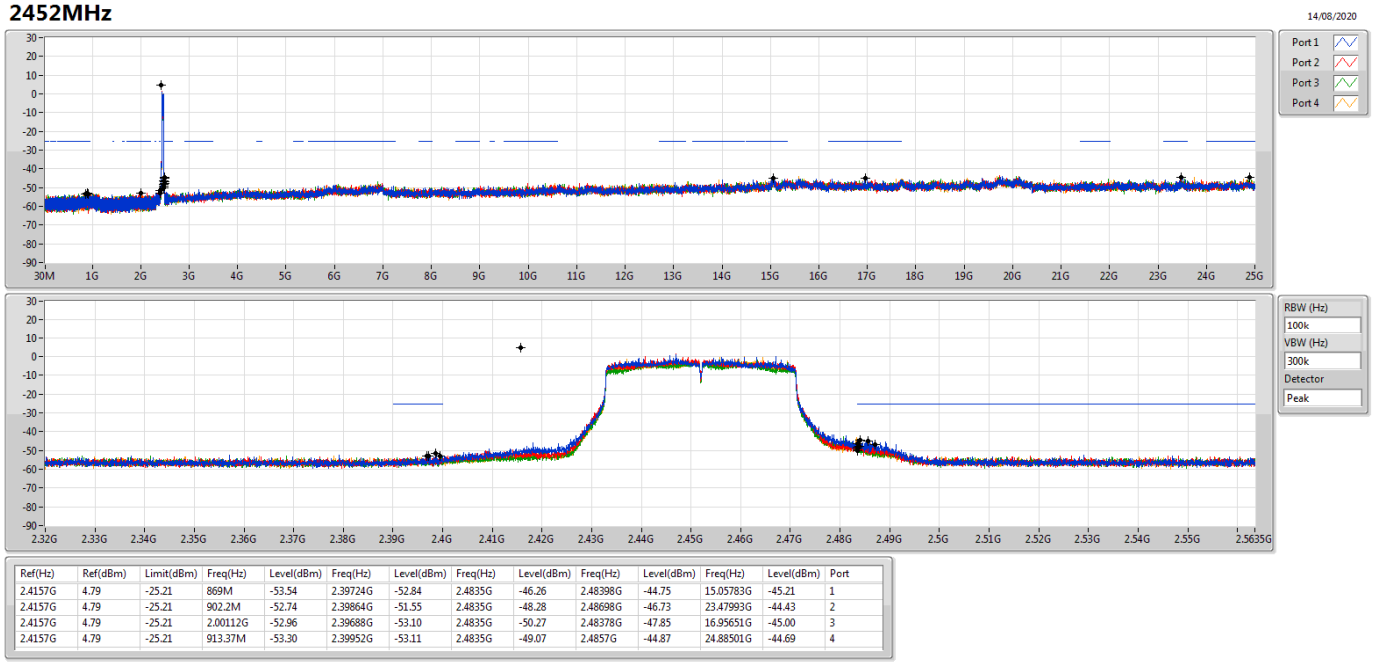
2437MHz



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
2.4157G	4.79	-25.21	47.75M	-50.71	2.39972G	-43.95	2.4G	-44.06	2.48374G	-43.51	15.05502G	-44.23	1
2.4157G	4.79	-25.21	947.15M	-53.05	2.39988G	-43.20	2.4G	-46.98	2.48394G	-46.94	15.05502G	-45.30	2
2.4157G	4.79	-25.21	895.05M	-52.75	2.3976G	-48.48	2.4835G	-48.05	2.4839G	-46.84	17.68851G	-45.51	3
2.4157G	4.79	-25.21	1.81105G	-53.24	2.39888G	-44.48	2.4G	-48.15	2.48446G	-48.06	15.03819G	-44.51	4

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

2452MHz

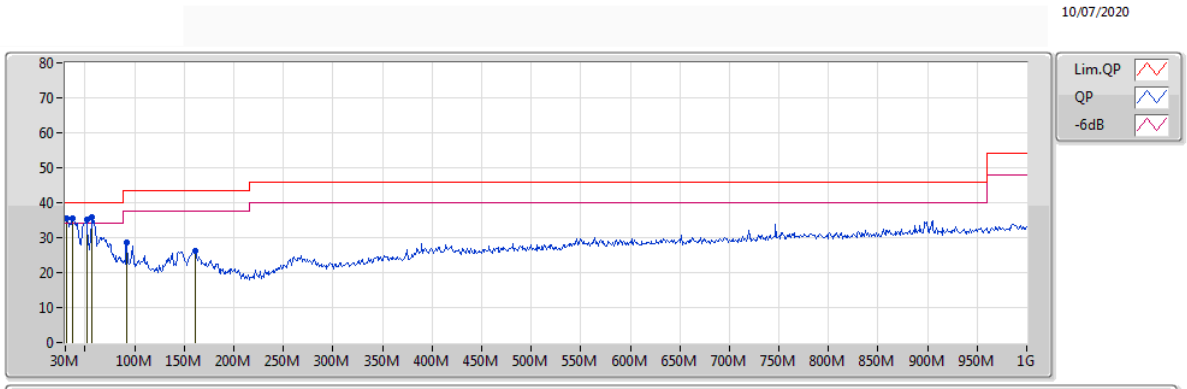


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4157G	4.79	-25.21	869M	-53.54	2.39724G	-52.84	2.4835G	-46.26	2.48398G	-44.75	15.05783G	-45.21	1
2.4157G	4.79	-25.21	902.2M	-52.74	2.39864G	-51.55	2.4835G	-48.28	2.48698G	-46.73	23.47993G	-44.43	2
2.4157G	4.79	-25.21	2.00112G	-52.96	2.39688G	-53.10	2.4835G	-50.27	2.48378G	-47.85	16.95651G	-45.00	3
2.4157G	4.79	-25.21	913.37M	-53.30	2.39952G	-53.11	2.4835G	-49.07	2.4857G	-44.87	24.88501G	-44.69	4

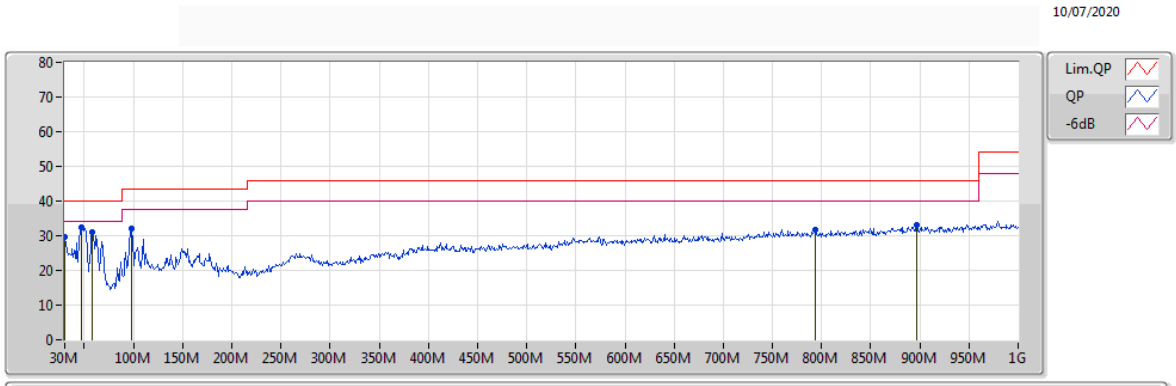
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	PK	57.16M	35.75	40.00	-4.25	Vertical

Test Mode: Mode 4



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	35.53	40.00	-4.47	-6.70	3	Vertical	0	1.00	-	42.23	23.62	1.22	31.54
PK	36.79M	35.68	40.00	-4.32	-9.31	3	Vertical	341	1.00	-	44.99	20.81	1.34	31.46
PK	51.34M	35.26	40.00	-4.74	-16.35	3	Vertical	40	1.00	-	51.61	14.13	1.17	31.65
PK	57.16M	35.75	40.00	-4.25	-17.84	3	Vertical	321	1.00	"Worst"	53.59	12.79	1.14	31.77
PK	92.08M	28.73	43.50	-14.77	-15.18	3	Vertical	32	1.50	-	43.91	15.25	1.44	31.87
PK	160.95M	26.27	43.50	-17.23	-13.98	3	Vertical	0	2.00	-	40.25	15.91	1.80	31.69



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	29.79	40.00	-10.21	-6.17	3	Horizontal	0	2.00	-	35.96	24.19	1.20	31.56
PK	47.46M	32.41	40.00	-7.59	-14.79	3	Horizontal	0	2.00	"Worst"	47.20	15.55	1.20	31.54
PK	58.13M	30.94	40.00	-9.06	-17.83	3	Horizontal	0	2.00	-	48.77	12.80	1.16	31.79
PK	97.9M	32.17	43.50	-11.33	-14.00	3	Horizontal	0	2.00	-	46.17	16.39	1.50	31.89
PK	793.39M	31.74	46.00	-14.26	-3.07	3	Horizontal	354	1.50	-	34.81	25.30	3.91	32.28
PK	897.18M	33.13	46.00	-12.87	-1.86	3	Horizontal	136	2.00	-	34.99	25.91	4.58	32.35

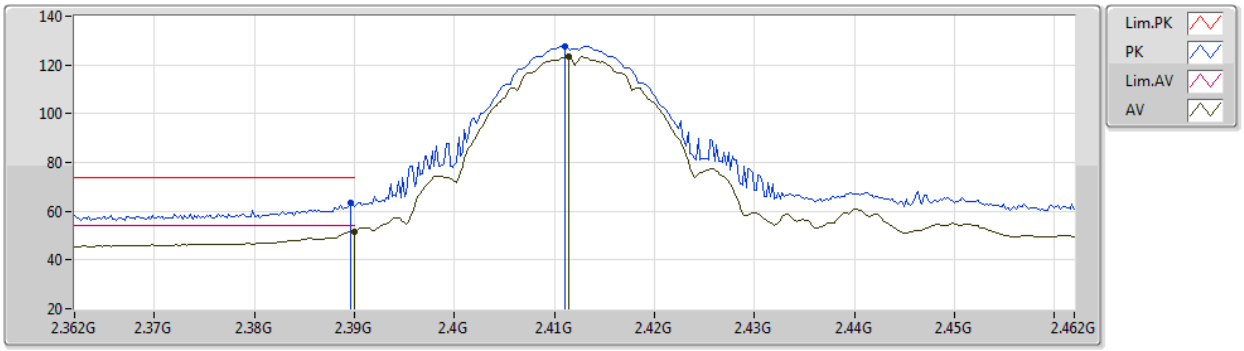
For External antenna
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.39G	53.98	54.00	-0.02	3	Vertical	181	1.80	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

30/06/2020



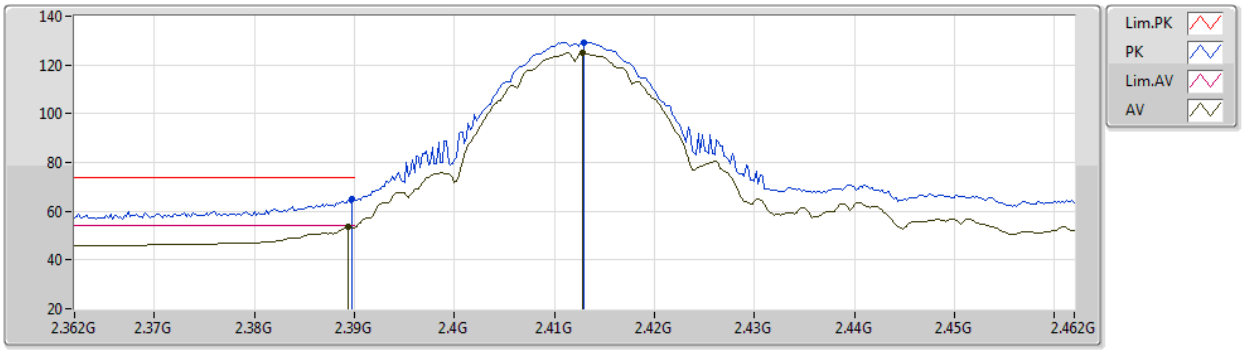
EUT Z_4TX
Setting 44
03-A-J-7

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	63.32	74.00	-10.68	31.51	3	Vertical	10	1.36	-	28.08	3.73	-
AV	2.39G	51.58	54.00	-2.42	19.77	3	Vertical	10	1.36	-	28.08	3.73	-
PK	2.411G	127.70	Inf	-Inf	95.81	3	Vertical	10	1.36	-	28.14	3.75	-
AV	2.4114G	123.45	Inf	-Inf	91.55	3	Vertical	10	1.36	-	28.15	3.75	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

30/06/2020



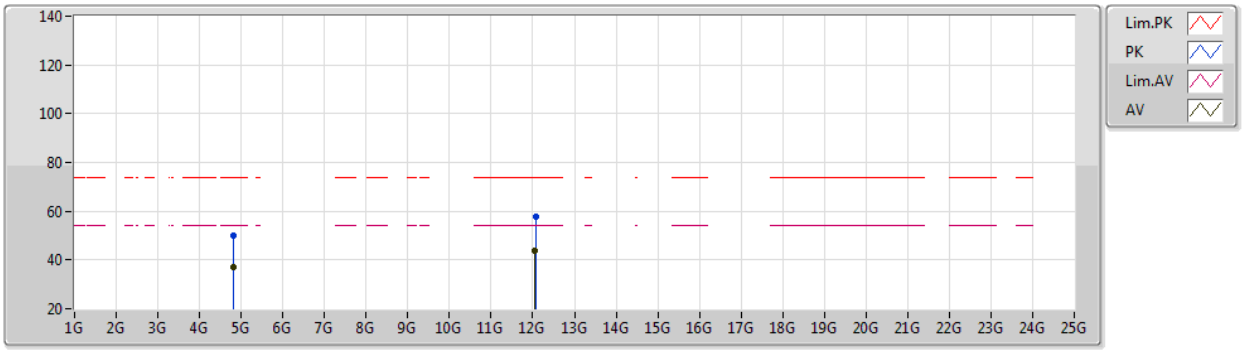
EUT Z_4TX
Setting 44
03-A-J-7

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	64.76	74.00	-9.24	32.95	3	Horizontal	1	1.87	-	28.08	3.73	-
AV	2.3894G	53.76	54.00	-0.24	21.95	3	Horizontal	1	1.87	-	28.08	3.73	-
PK	2.413G	129.34	Inf	-Inf	97.44	3	Horizontal	1	1.87	-	28.15	3.75	-
AV	2.4128G	125.02	Inf	-Inf	93.12	3	Horizontal	1	1.87	-	28.15	3.75	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

30/06/2020



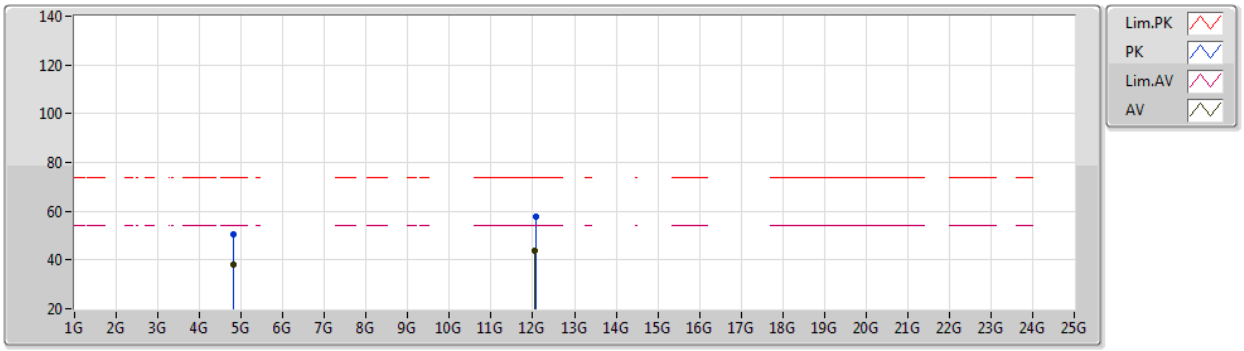
EUT Z_4TX
Setting 44
03-A-J-7

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	4.82421G	50.20	74.00	-23.80	44.08	3	Vertical	347	1.78	-	33.30	6.57	33.75
AV	4.824G	36.86	54.00	-17.14	30.74	3	Vertical	347	1.78	-	33.30	6.57	33.75
PK	12.06988G	57.51	74.00	-16.49	42.51	3	Vertical	264	2.75	-	39.11	10.26	34.37
AV	12.05G	43.99	54.00	-10.01	28.98	3	Vertical	264	2.75	-	39.11	10.25	34.35

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

30/06/2020



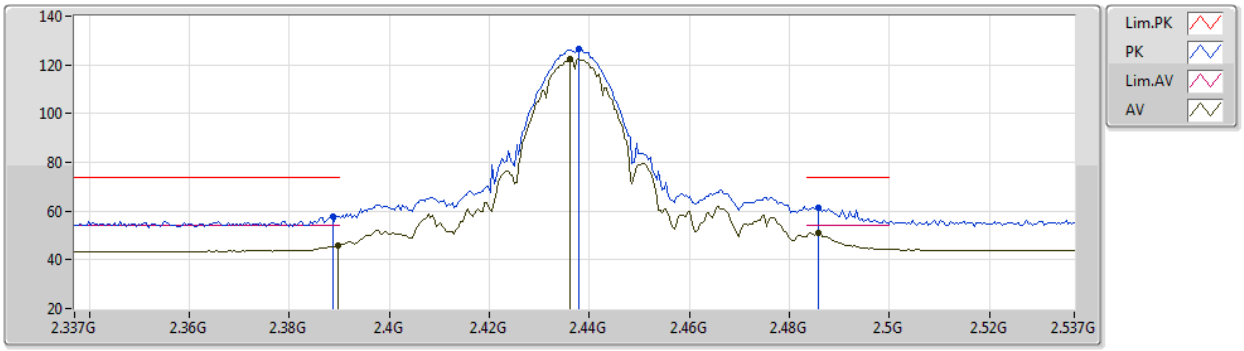
EUT Z_4TX
Setting 44
03-A-J-7

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	4.8238G	50.48	74.00	-23.52	44.36	3	Horizontal	0	1.80	-	33.30	6.57	33.75
AV	4.82401G	37.92	54.00	-16.08	31.80	3	Horizontal	0	1.80	-	33.30	6.57	33.75
PK	12.06716G	57.73	74.00	-16.27	42.73	3	Horizontal	43	1.72	-	39.11	10.26	34.37
AV	12.05296G	44.00	54.00	-10.00	29.00	3	Horizontal	43	1.72	-	39.11	10.25	34.36

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

30/06/2020



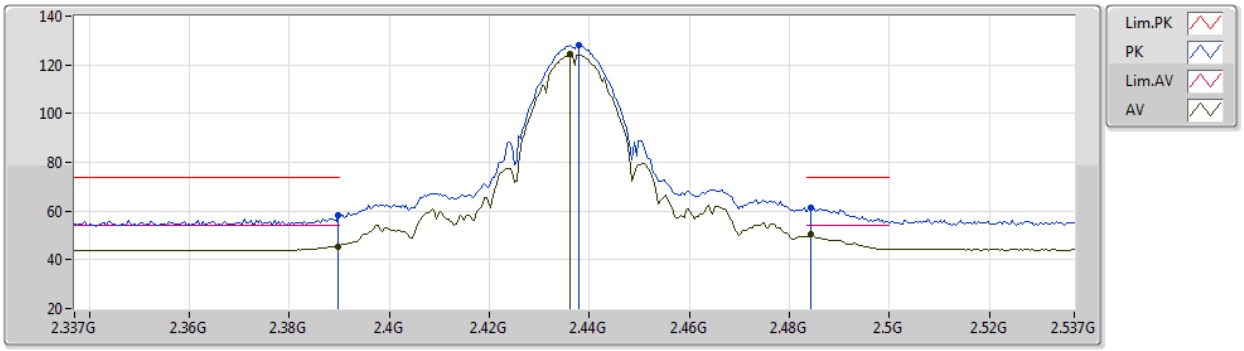
EUT Z_4TX
Setting 46
03-A-J-7

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	57.62	74.00	-16.38	25.81	3	Vertical	347	1.75	-	28.08	3.73	-
AV	2.3898G	45.87	54.00	-8.13	14.06	3	Vertical	347	1.75	-	28.08	3.73	-
PK	2.4378G	126.53	Inf	-Inf	94.52	3	Vertical	347	1.75	-	28.25	3.76	-
AV	2.4362G	122.44	Inf	-Inf	90.44	3	Vertical	347	1.75	-	28.24	3.76	-
PK	2.4858G	61.37	74.00	-12.63	29.14	3	Vertical	347	1.75	-	28.44	3.79	-
AV	2.4858G	51.05	54.00	-2.95	18.82	3	Vertical	347	1.75	-	28.44	3.79	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

30/06/2020



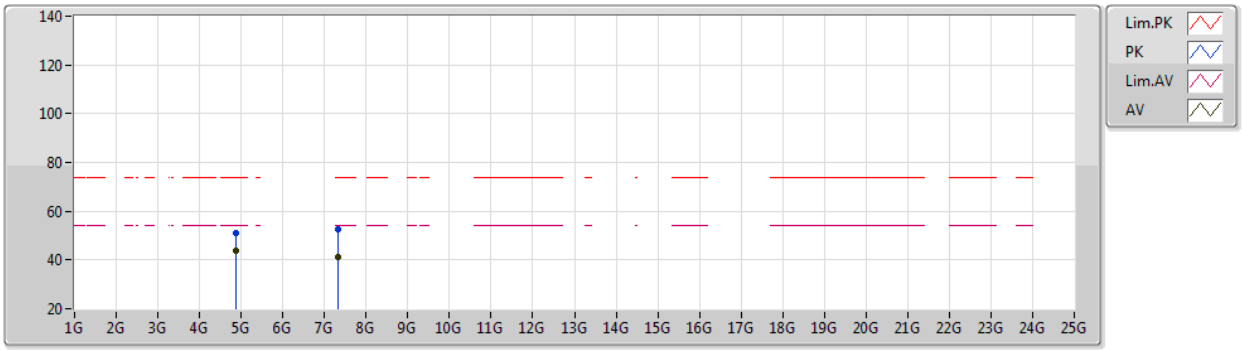
EUT Z_4TX
Setting 46
03-A-J-7

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	58.34	74.00	-15.66	26.53	3	Horizontal	0	1.91	-	28.08	3.73	-
AV	2.3898G	45.60	54.00	-8.40	13.79	3	Horizontal	0	1.91	-	28.08	3.73	-
PK	2.4378G	128.23	Inf	-Inf	96.22	3	Horizontal	0	1.91	-	28.25	3.76	-
AV	2.4362G	124.30	Inf	-Inf	92.30	3	Horizontal	0	1.91	-	28.24	3.76	-
PK	2.4842G	61.54	74.00	-12.46	29.31	3	Horizontal	0	1.91	-	28.44	3.79	-
AV	2.4842G	50.33	54.00	-3.67	18.10	3	Horizontal	0	1.91	-	28.44	3.79	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

30/06/2020



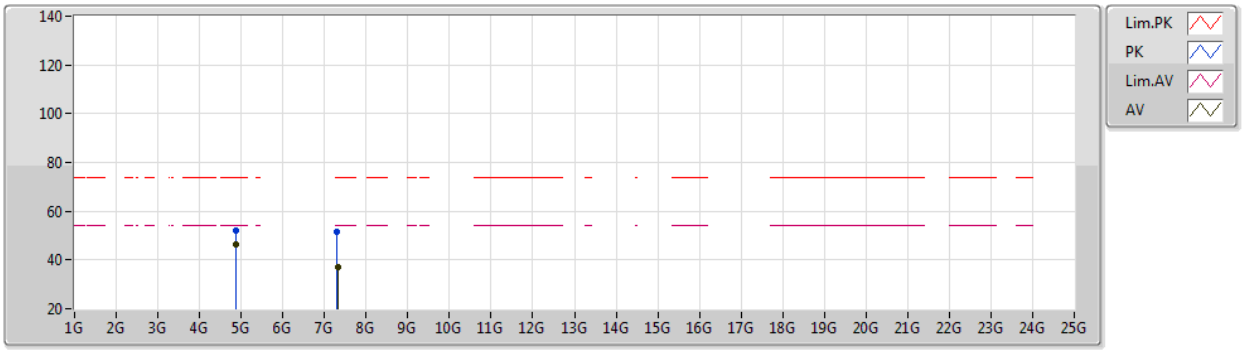
EUT Z_4TX
Setting 46
03-A-J-7

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	4.87412G	51.03	74.00	-22.97	44.73	3	Vertical	346	1.95	-	33.50	6.58	33.78
AV	4.874G	43.84	54.00	-10.16	37.54	3	Vertical	346	1.95	-	33.50	6.58	33.78
PK	7.31196G	52.57	74.00	-21.43	41.96	3	Vertical	141	1.80	-	36.71	7.87	33.97
AV	7.31174G	41.27	54.00	-12.73	30.66	3	Vertical	141	1.80	-	36.71	7.87	33.97

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

30/06/2020



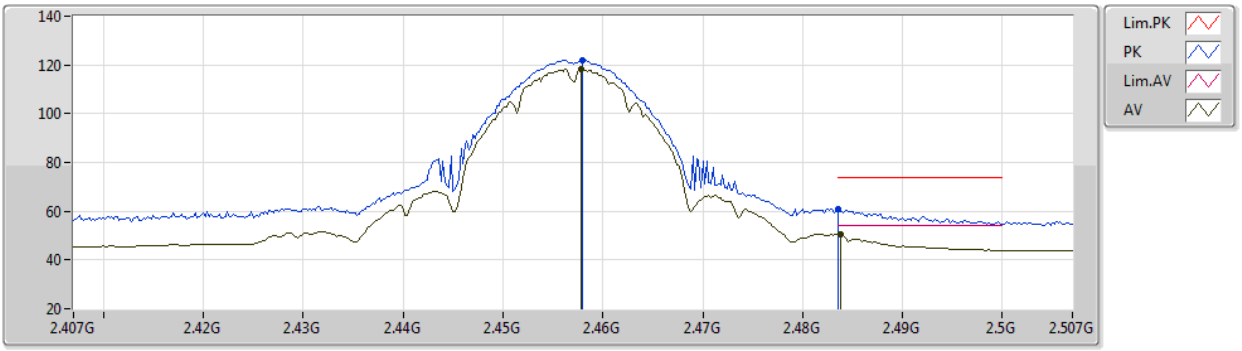
EUT Z_4TX
Setting 46
03-A-J-7

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	4.87398G	52.21	74.00	-21.79	45.91	3	Horizontal	350	1.93	-	33.50	6.58	33.78
AV	4.87401G	46.36	54.00	-7.64	40.06	3	Horizontal	350	1.93	-	33.50	6.58	33.78
PK	7.30946G	51.32	74.00	-22.68	40.71	3	Horizontal	14	1.80	-	36.71	7.87	33.97
AV	7.31208G	37.29	54.00	-16.71	26.68	3	Horizontal	14	1.80	-	36.71	7.87	33.97

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

30/06/2020



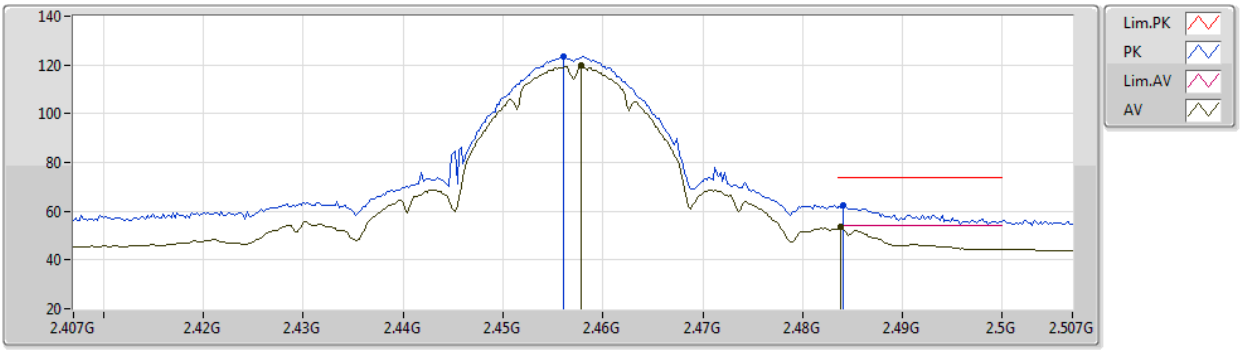
EUT Z_4TX
Setting 37
03-A-J-7

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	122.14	Inf	-Inf	90.04	3	Vertical	349	1.70	-	28.33	3.77	-
AV	2.4578G	118.10	Inf	-Inf	86.00	3	Vertical	349	1.70	-	28.33	3.77	-
PK	2.4836G	60.90	74.00	-13.10	28.68	3	Vertical	349	1.70	-	28.43	3.79	-
AV	2.4838G	50.59	54.00	-3.41	18.36	3	Vertical	349	1.70	-	28.44	3.79	-

802.11b_Nss1,(1Mbps)_4TX

2457MHz_TX

30/06/2020



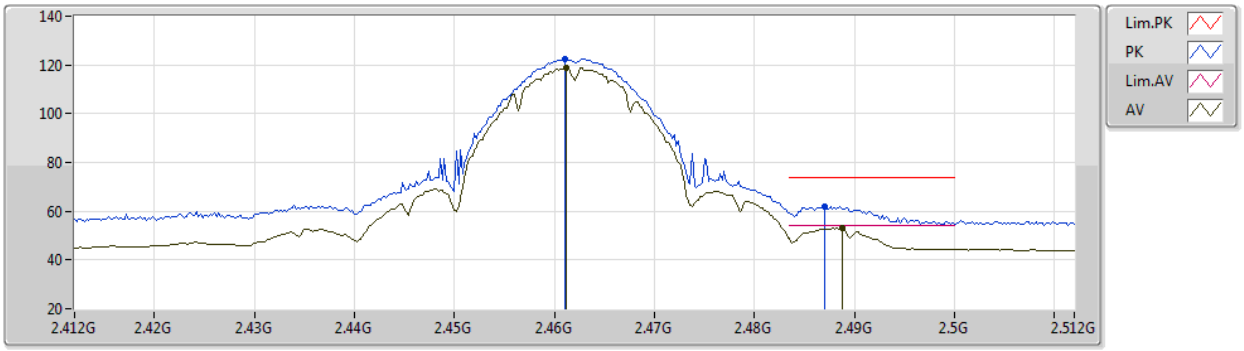
EUT Z_4TX
Setting 37
03-A-J-7

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	2.456G	123.26	Inf	-Inf	91.17	3	Horizontal	349	2.03	-	28.32	3.77	-
AV	2.4578G	120.00	Inf	-Inf	87.90	3	Horizontal	349	2.03	-	28.33	3.77	-
PK	2.484G	62.28	74.00	-11.72	30.05	3	Horizontal	349	2.03	-	28.44	3.79	-
AV	2.4838G	53.60	54.00	-0.40	21.37	3	Horizontal	349	2.03	-	28.44	3.79	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

30/06/2020



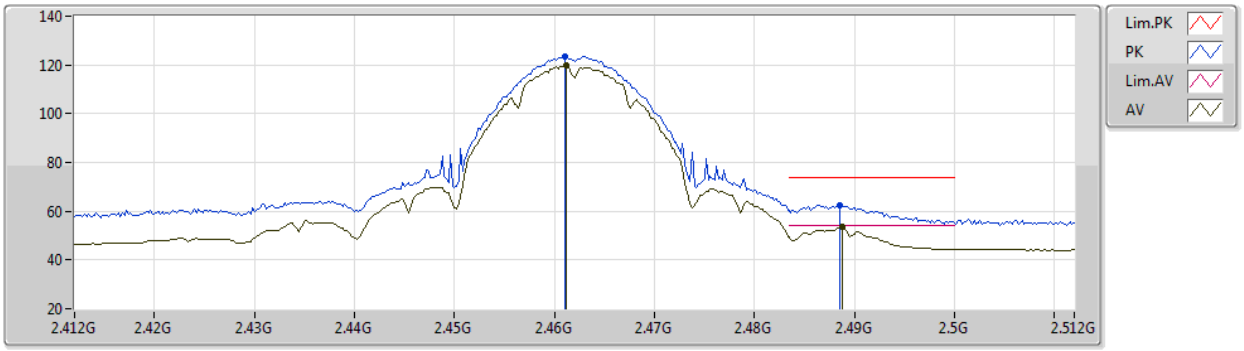
EUT Z_4TX
Setting 37
03-A-J-7

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	122.64	Inf	-Inf	90.52	3	Vertical	14	1.79	-	28.34	3.78	-
AV	2.4612G	118.80	Inf	-Inf	86.68	3	Vertical	14	1.79	-	28.34	3.78	-
PK	2.487G	62.04	74.00	-11.96	29.80	3	Vertical	14	1.79	-	28.45	3.79	-
AV	2.4888G	53.13	54.00	-0.87	20.88	3	Vertical	14	1.79	-	28.46	3.79	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

30/06/2020



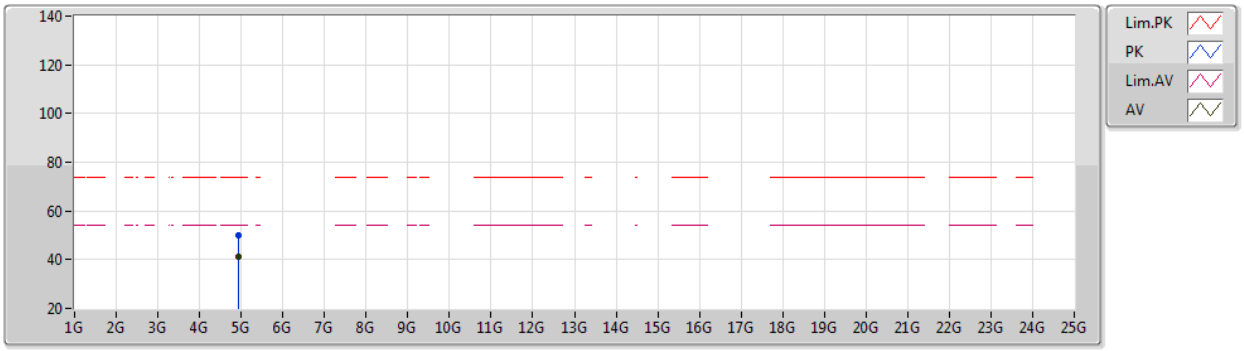
EUT Z_4TX
Setting 37
03-A-J-7

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	123.59	Inf	-Inf	91.47	3	Horizontal	349	2.11	-	28.34	3.78	-
AV	2.4612G	119.70	Inf	-Inf	87.58	3	Horizontal	349	2.11	-	28.34	3.78	-
PK	2.4886G	62.58	74.00	-11.42	30.34	3	Horizontal	349	2.11	-	28.45	3.79	-
AV	2.4888G	53.67	54.00	-0.33	21.42	3	Horizontal	349	2.11	-	28.46	3.79	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

30/06/2020



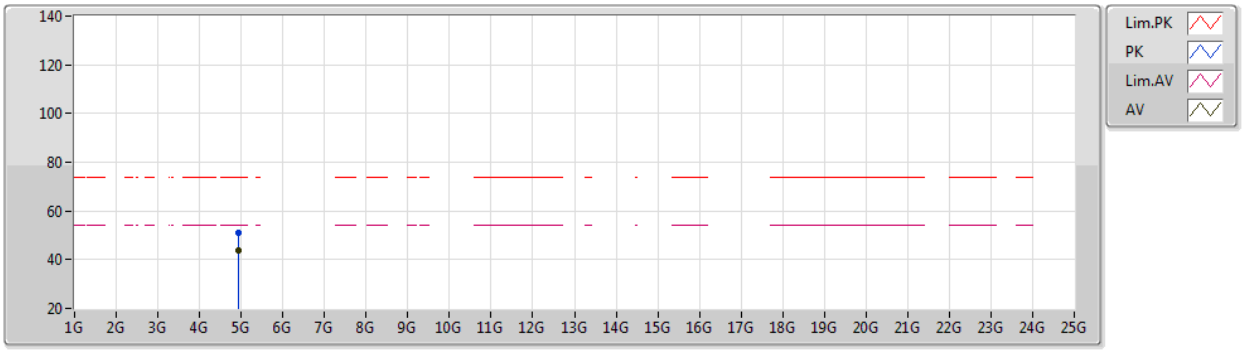
EUT Z_4TX
Setting 37
03-A-J-7

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	4.92402G	50.04	74.00	-23.96	43.64	3	Vertical	0	1.94	-	33.62	6.60	33.82
AV	4.924G	40.99	54.00	-13.01	34.59	3	Vertical	0	1.94	-	33.62	6.60	33.82

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

30/06/2020



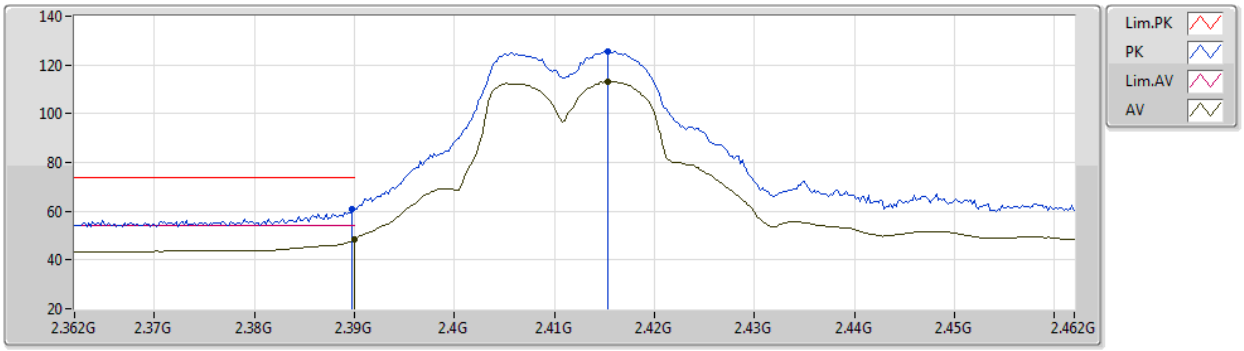
EUT Z_4TX
Setting 37
03-A-J-7

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	4.92387G	51.13	74.00	-22.87	44.73	3	Horizontal	0	1.97	-	33.62	6.60	33.82
AV	4.92397G	44.05	54.00	-9.95	37.65	3	Horizontal	0	1.97	-	33.62	6.60	33.82

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

30/06/2020



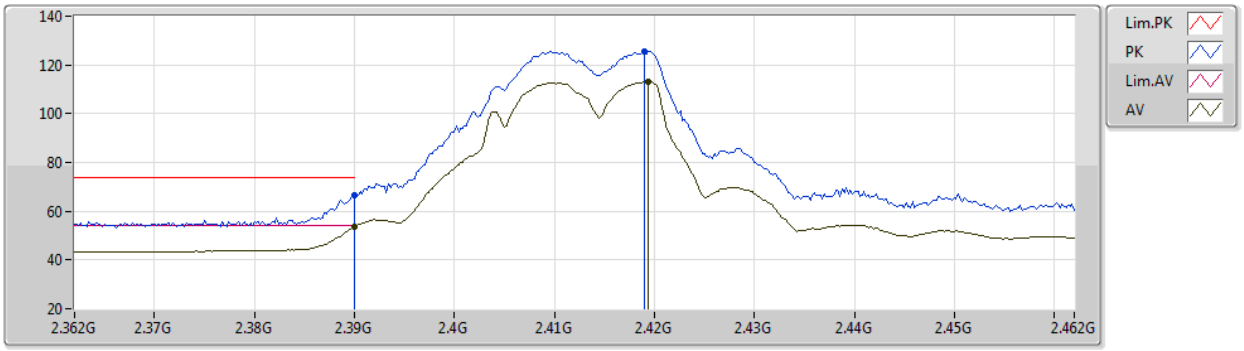
EUT Z_4TX
Setting 39
03-A-J-7

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	60.83	74.00	-13.17	29.02	3	Vertical	355	1.80	-	28.08	3.73	-
AV	2.39G	48.40	54.00	-5.60	16.59	3	Vertical	355	1.80	-	28.08	3.73	-
PK	2.4154G	125.50	Inf	-Inf	93.59	3	Vertical	355	1.80	-	28.16	3.75	-
AV	2.4154G	113.23	Inf	-Inf	81.32	3	Vertical	355	1.80	-	28.16	3.75	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

30/06/2020



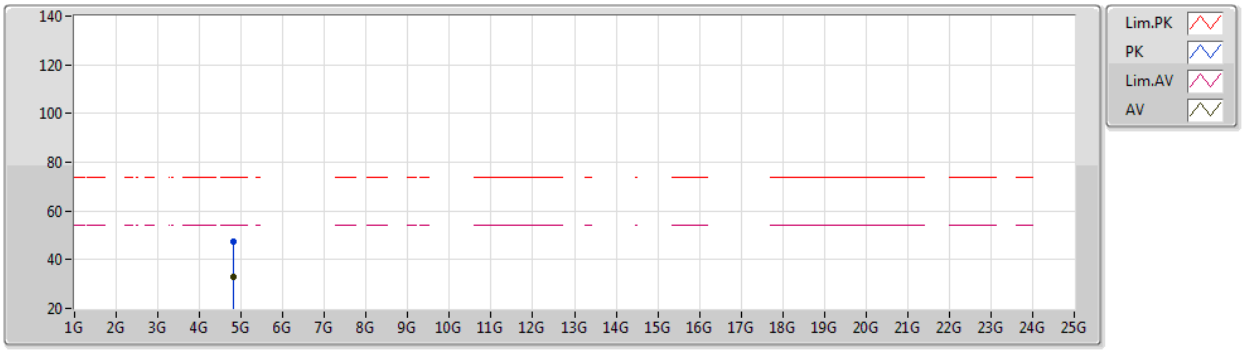
EUT Z_4TX
Setting 39
03-A-J-7

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	66.49	74.00	-7.51	34.68	3	Horizontal	355	1.80	-	28.08	3.73	-
AV	2.39G	53.45	54.00	-0.55	21.64	3	Horizontal	355	1.80	-	28.08	3.73	-
PK	2.419G	125.54	Inf	-Inf	93.61	3	Horizontal	355	1.80	-	28.18	3.75	-
AV	2.4194G	113.21	Inf	-Inf	81.28	3	Horizontal	355	1.80	-	28.18	3.75	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

30/06/2020



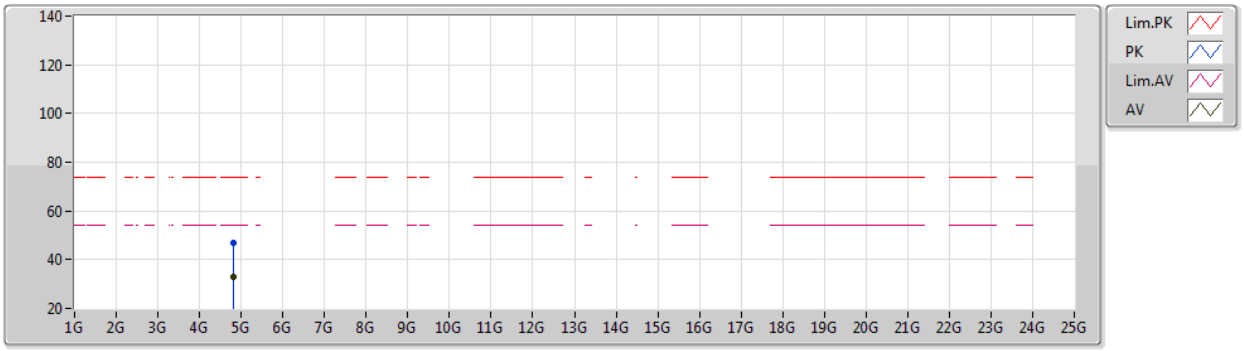
EUT Z_4TX
Setting 39
03-A-J-7

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	4.82335G	47.32	74.00	-26.68	41.21	3	Vertical	3	1.80	-	33.29	6.57	33.75
AV	4.82428G	32.82	54.00	-21.18	26.70	3	Vertical	3	1.80	-	33.30	6.57	33.75

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

30/06/2020



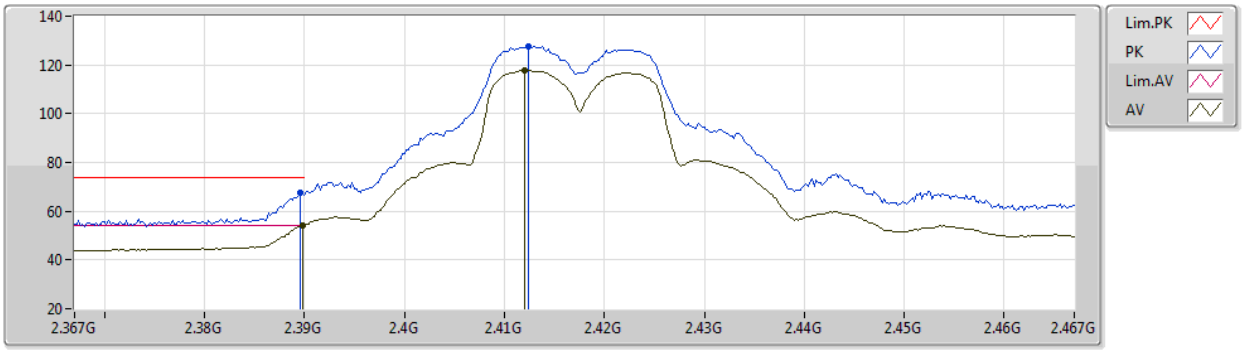
EUT Z_4TX
Setting 39
03-A-J-7

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	46.93	74.00	-27.07	40.81	3	Horizontal	0	1.70	-	33.30	6.57	33.75
AV	4.82342G	32.75	54.00	-21.25	26.64	3	Horizontal	0	1.70	-	33.29	6.57	33.75

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

30/06/2020



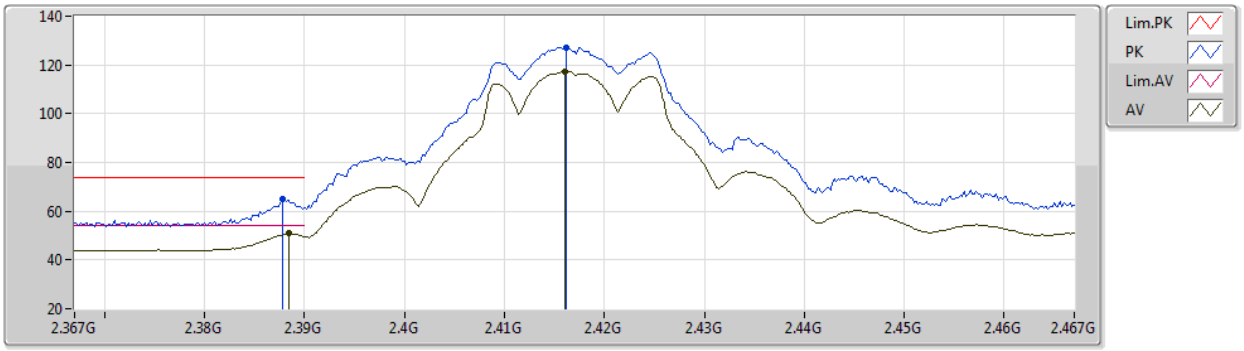
EUT Z_4TX
Setting 42
03-A-J-7

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	67.58	74.00	-6.42	35.77	3	Vertical	360	1.70	-	28.08	3.73	-
AV	2.3898G	53.95	54.00	-0.05	22.14	3	Vertical	360	1.70	-	28.08	3.73	-
PK	2.4124G	127.72	Inf	-Inf	95.82	3	Vertical	360	1.70	-	28.15	3.75	-
AV	2.412G	117.81	Inf	-Inf	85.91	3	Vertical	360	1.70	-	28.15	3.75	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

30/06/2020



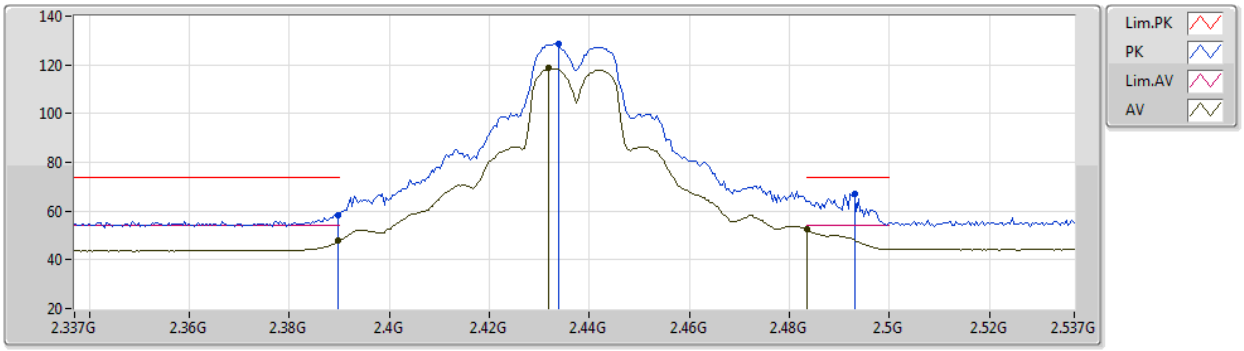
EUT Z_4TX
Setting 42
03-A-J-7

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	64.93	74.00	-9.07	33.12	3	Horizontal	360	2.00	-	28.08	3.73	-
AV	2.3884G	51.09	54.00	-2.91	19.28	3	Horizontal	360	2.00	-	28.08	3.73	-
PK	2.4162G	127.03	Inf	-Inf	95.12	3	Horizontal	360	2.00	-	28.16	3.75	-
AV	2.416G	117.33	Inf	-Inf	85.42	3	Horizontal	360	2.00	-	28.16	3.75	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

30/06/2020



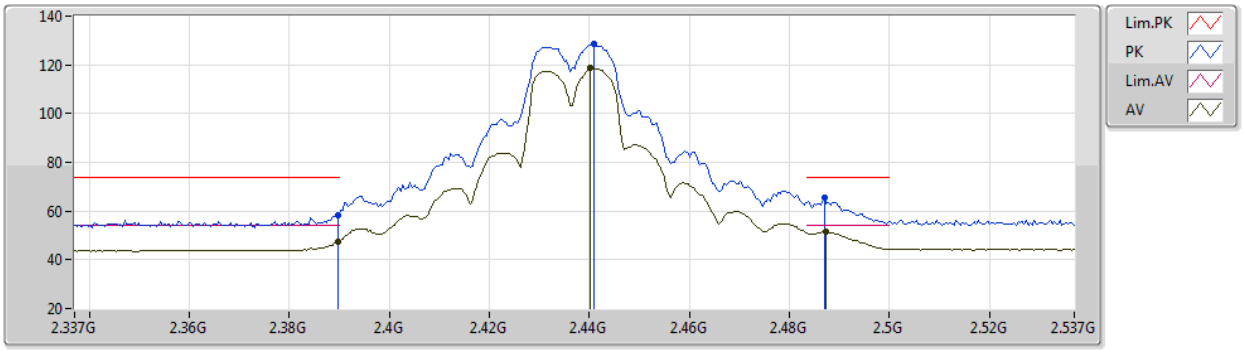
EUT Z_4TX
Setting 46
03-A-J-7

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	58.11	74.00	-15.89	26.30	3	Vertical	0	1.80	-	28.08	3.73	-
AV	2.3898G	47.73	54.00	-6.27	15.92	3	Vertical	0	1.80	-	28.08	3.73	-
PK	2.4338G	128.63	Inf	-Inf	96.63	3	Vertical	0	1.80	-	28.24	3.76	-
AV	2.4318G	118.62	Inf	-Inf	86.63	3	Vertical	0	1.80	-	28.23	3.76	-
PK	2.493G	67.02	74.00	-6.98	34.75	3	Vertical	0	1.80	-	28.47	3.80	-
AV	2.4835G	52.33	54.00	-1.67	20.11	3	Vertical	0	1.80	-	28.43	3.79	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

30/06/2020



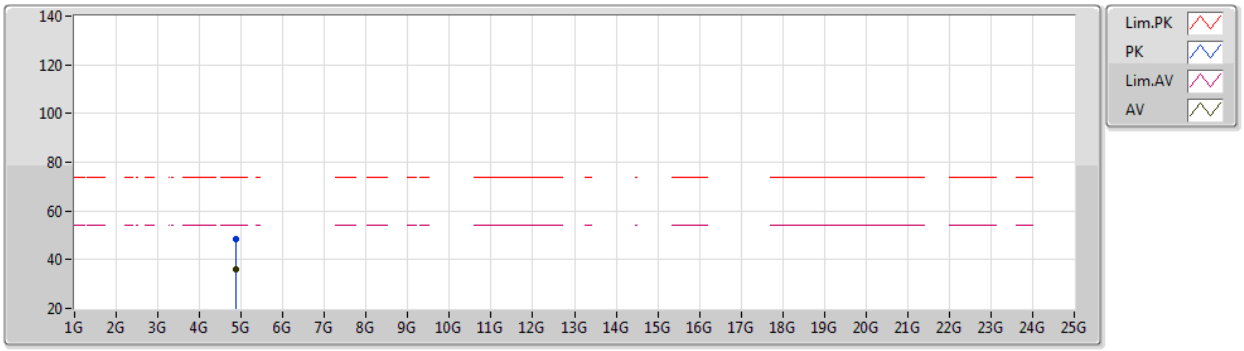
EUT Z_4TX
Setting 46
03-A-J-7

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	58.32	74.00	-15.68	26.51	3	Horizontal	359	2.00	-	28.08	3.73	-
AV	2.3898G	47.51	54.00	-6.49	15.70	3	Horizontal	359	2.00	-	28.08	3.73	-
PK	2.441G	128.42	Inf	-Inf	96.40	3	Horizontal	359	2.00	-	28.26	3.76	-
AV	2.4402G	118.66	Inf	-Inf	86.64	3	Horizontal	359	2.00	-	28.26	3.76	-
PK	2.487G	65.34	74.00	-8.66	33.10	3	Horizontal	359	2.00	-	28.45	3.79	-
AV	2.4874G	51.72	54.00	-2.28	19.48	3	Horizontal	359	2.00	-	28.45	3.79	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

30/06/2020



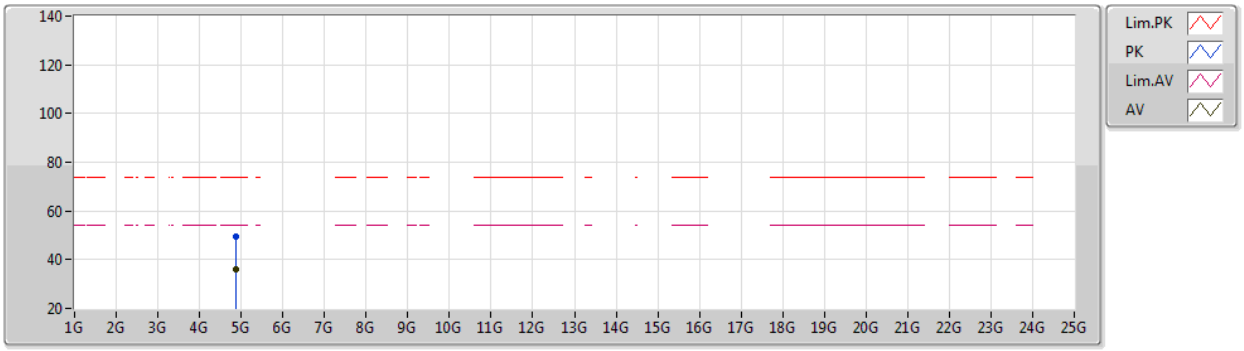
EUT Z_4TX
Setting 46
03-A-J-7

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	4.8843G	48.21	74.00	-25.79	41.87	3	Vertical	0	1.80	-	33.54	6.59	33.79
AV	4.8835G	35.97	54.00	-18.03	29.64	3	Vertical	0	1.80	-	33.53	6.59	33.79

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

30/06/2020



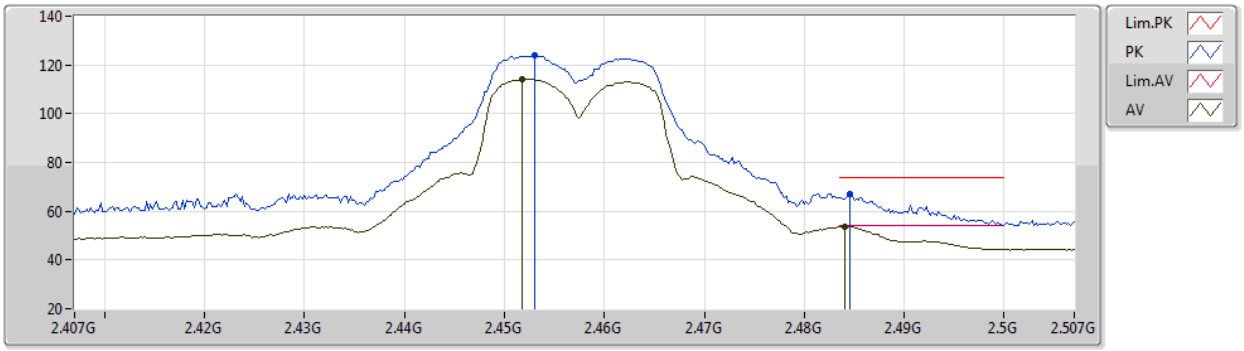
EUT Z_4TX
Setting 46
03-A-J-7

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	4.8824G	49.50	74.00	-24.50	43.18	3	Horizontal	357	1.97	-	33.53	6.58	33.79
AV	4.8715G	36.11	54.00	-17.89	29.82	3	Horizontal	357	1.97	-	33.49	6.58	33.78

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

30/06/2020



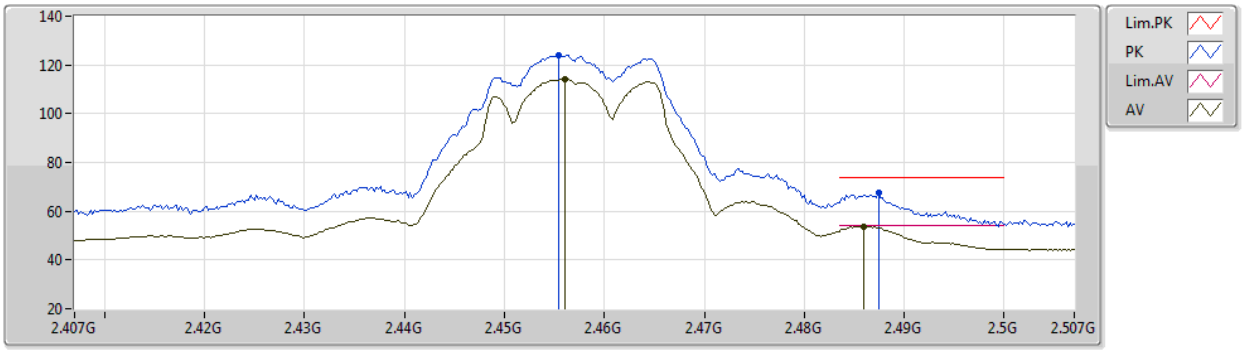
EUT Z_4TX
Setting 35
03-A-J-7

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	2.453G	123.79	Inf	-Inf	91.71	3	Vertical	360	1.80	-	28.31	3.77	-
AV	2.4518G	114.18	Inf	-Inf	82.10	3	Vertical	360	1.80	-	28.31	3.77	-
PK	2.4846G	66.89	74.00	-7.11	34.66	3	Vertical	360	1.80	-	28.44	3.79	-
AV	2.484G	53.77	54.00	-0.23	21.54	3	Vertical	360	1.80	-	28.44	3.79	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

30/06/2020



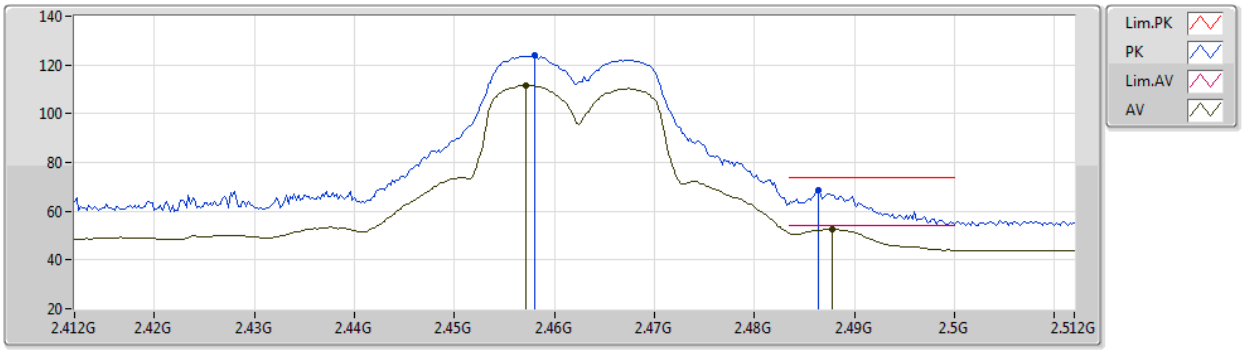
EUT Z_4TX
Setting 35
03-A-J-7

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	2.4554G	124.02	Inf	-Inf	91.93	3	Horizontal	358	2.16	-	28.32	3.77	-
AV	2.456G	114.25	Inf	-Inf	82.16	3	Horizontal	358	2.16	-	28.32	3.77	-
PK	2.4874G	67.60	74.00	-6.40	35.36	3	Horizontal	358	2.16	-	28.45	3.79	-
AV	2.486G	53.76	54.00	-0.24	21.53	3	Horizontal	358	2.16	-	28.44	3.79	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

30/06/2020



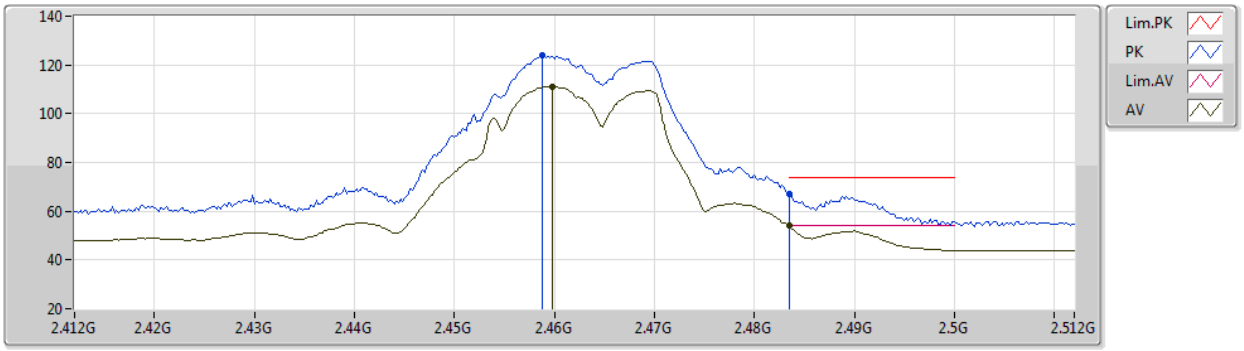
EUT Z_4TX
Setting 35
03-A-J-7

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	123.78	Inf	-Inf	91.68	3	Vertical	360	1.88	-	28.33	3.77	-
AV	2.4572G	111.73	Inf	-Inf	79.63	3	Vertical	360	1.88	-	28.33	3.77	-
PK	2.4864G	68.55	74.00	-5.45	36.31	3	Vertical	360	1.88	-	28.45	3.79	-
AV	2.4878G	52.70	54.00	-1.30	20.46	3	Vertical	360	1.88	-	28.45	3.79	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

30/06/2020



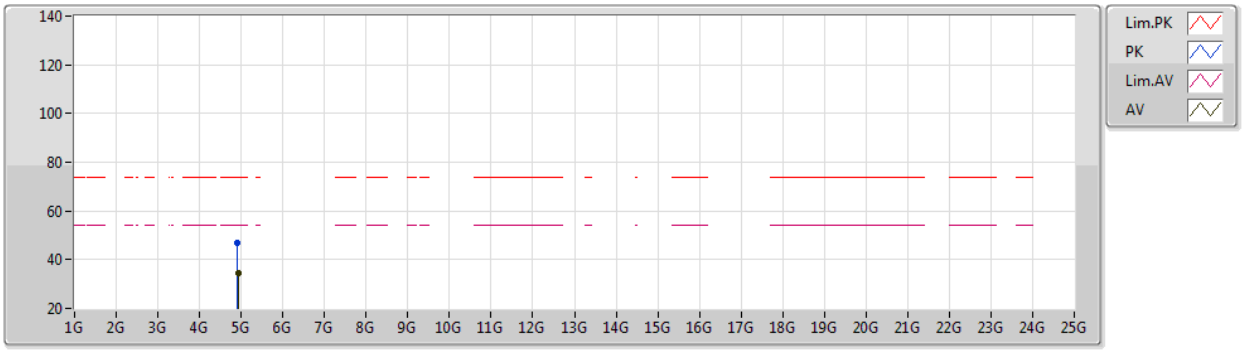
EUT Z_4TX
Setting 35
03-A-J-7

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	2.4588G	123.90	Inf	-Inf	91.78	3	Horizontal	355	2.21	-	28.34	3.78	-
AV	2.4598G	111.14	Inf	-Inf	79.02	3	Horizontal	355	2.21	-	28.34	3.78	-
PK	2.4835G	66.90	74.00	-7.10	34.68	3	Horizontal	355	2.21	-	28.43	3.79	-
AV	2.4835G	53.88	54.00	-0.12	21.66	3	Horizontal	355	2.21	-	28.43	3.79	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

30/06/2020



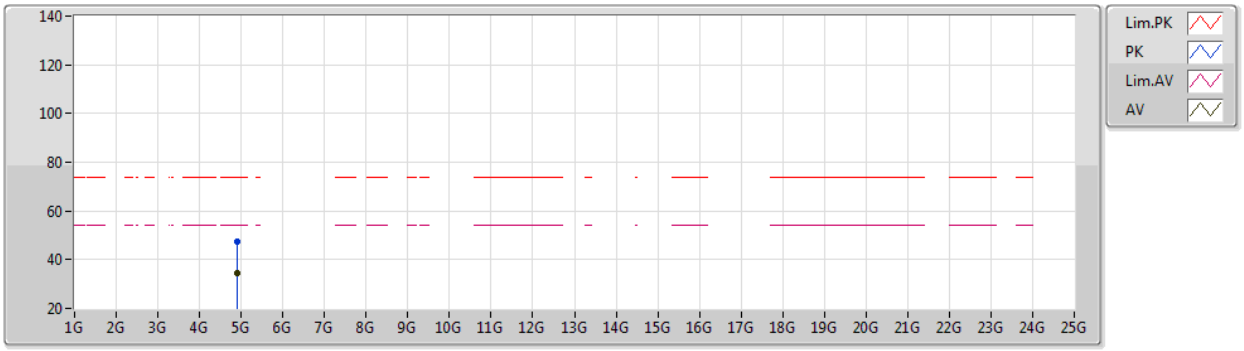
EUT Z_4TX
Setting 35
03-A-J-7

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	4.9166G	47.15	74.00	-26.85	40.75	3	Vertical	156	1.25	-	33.62	6.59	33.81
AV	4.9247G	34.33	54.00	-19.67	27.93	3	Vertical	156	1.25	-	33.62	6.60	33.82

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

30/06/2020



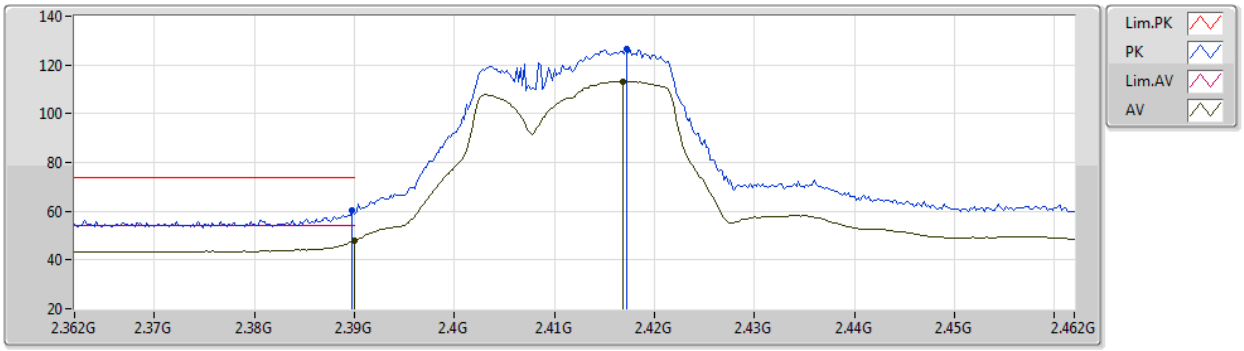
EUT Z_4TX
Setting 35
03-A-J-7

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	4.9001G	47.24	74.00	-26.76	40.85	3	Horizontal	340	2.45	-	33.60	6.59	33.80
AV	4.9168G	34.32	54.00	-19.68	27.91	3	Horizontal	340	2.45	-	33.62	6.60	33.81

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

30/06/2020



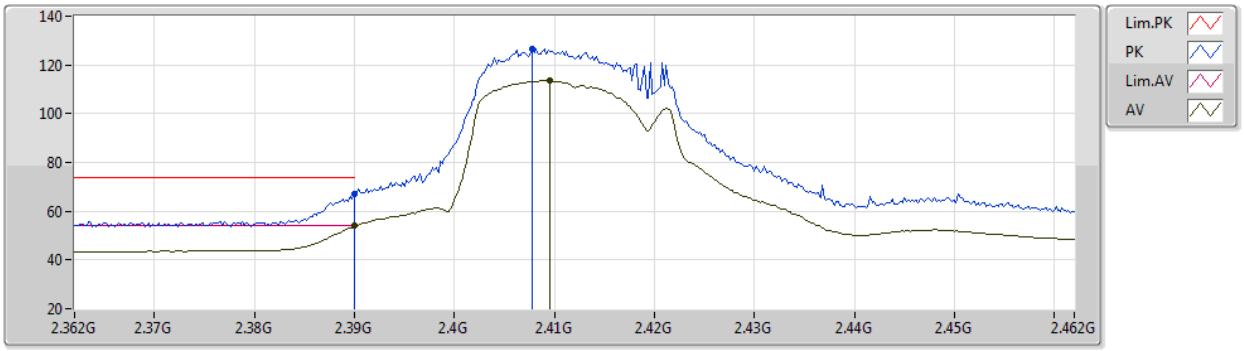
EUT Z_4TX
Setting 37
03-A-J-7

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	60.46	74.00	-13.54	28.65	3	Vertical	353	1.63	-	28.08	3.73	-
AV	2.39G	47.82	54.00	-6.18	16.01	3	Vertical	353	1.63	-	28.08	3.73	-
PK	2.4172G	126.58	Inf	-Inf	94.66	3	Vertical	353	1.63	-	28.17	3.75	-
AV	2.4168G	113.36	Inf	-Inf	81.44	3	Vertical	353	1.63	-	28.17	3.75	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

30/06/2020



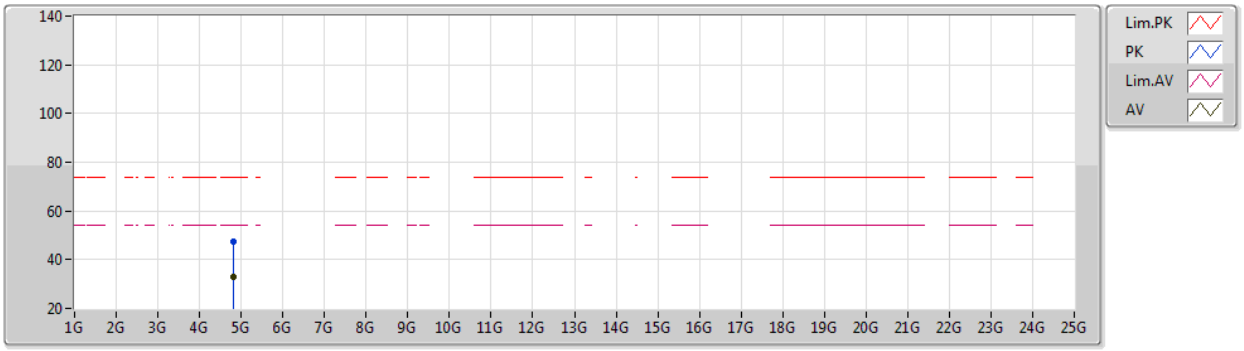
EUT Z_4TX
Setting 37
03-A-J-7

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	67.19	74.00	-6.81	35.38	3	Horizontal	357	1.80	-	28.08	3.73	-
AV	2.39G	53.93	54.00	-0.07	22.12	3	Horizontal	357	1.80	-	28.08	3.73	-
PK	2.4078G	126.66	Inf	-Inf	94.79	3	Horizontal	357	1.80	-	28.13	3.74	-
AV	2.4096G	113.55	Inf	-Inf	81.66	3	Horizontal	357	1.80	-	28.14	3.75	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

30/06/2020



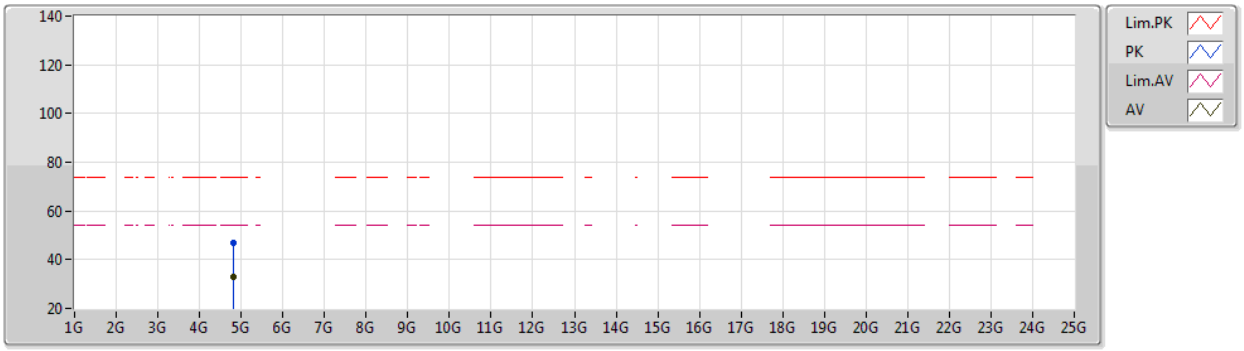
EUT Z_4TX
Setting 37
03-A-J-7

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	4.82343G	47.18	74.00	-26.82	41.07	3	Vertical	179	1.78	-	33.29	6.57	33.75
AV	4.8236G	33.08	54.00	-20.92	26.97	3	Vertical	179	1.78	-	33.29	6.57	33.75

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

30/06/2020



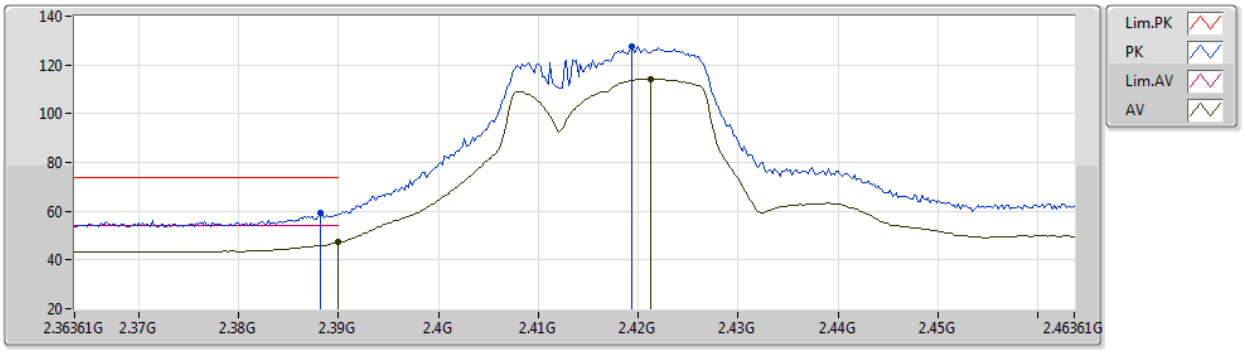
EUT Z_4TX
Setting 37
03-A-J-7

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	4.82481G	46.83	74.00	-27.17	40.71	3	Horizontal	130	2.66	-	33.30	6.57	33.75
AV	4.82436G	33.00	54.00	-21.00	26.88	3	Horizontal	130	2.66	-	33.30	6.57	33.75

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

30/06/2020



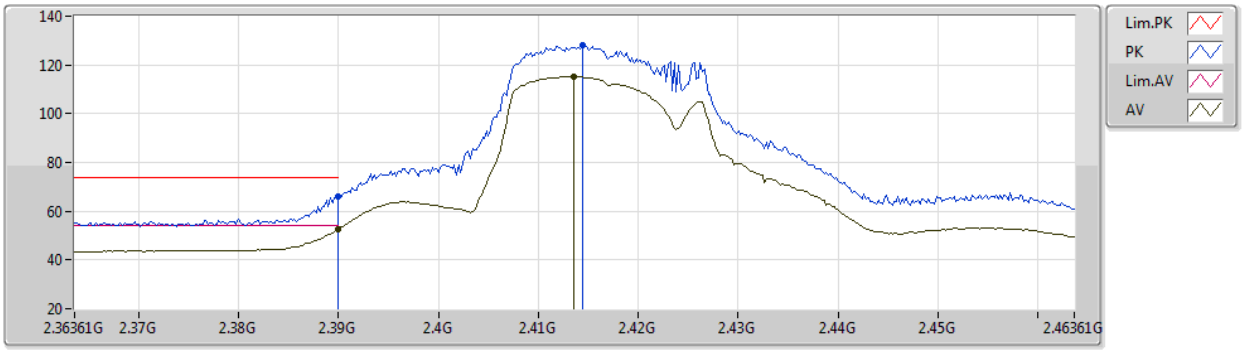
EUT Z_4TX
Setting 40
03-A-J-7

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	2.38821G	59.08	74.00	-14.92	27.27	3	Vertical	352	1.78	-	28.08	3.73	-
AV	2.39G	47.17	54.00	-6.83	15.36	3	Vertical	352	1.78	-	28.08	3.73	-
PK	2.41941G	127.74	Inf	-Inf	95.81	3	Vertical	352	1.78	-	28.18	3.75	-
AV	2.42121G	114.36	Inf	-Inf	82.43	3	Vertical	352	1.78	-	28.18	3.75	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

30/06/2020



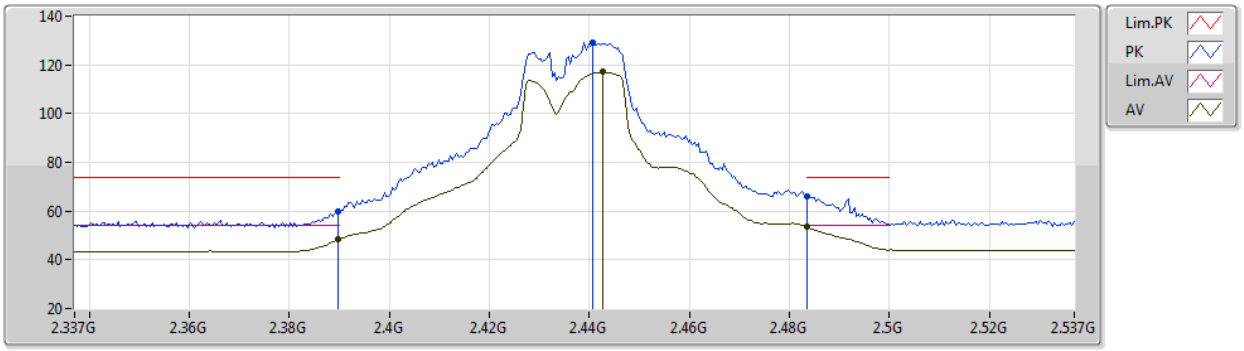
EUT Z_4TX
Setting 40
03-A-J-7

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	66.08	74.00	-7.92	34.27	3	Horizontal	356	1.79	-	28.08	3.73	-
AV	2.39G	52.69	54.00	-1.31	20.88	3	Horizontal	356	1.79	-	28.08	3.73	-
PK	2.41441G	128.05	Inf	-Inf	96.14	3	Horizontal	356	1.79	-	28.16	3.75	-
AV	2.41361G	115.27	Inf	-Inf	83.37	3	Horizontal	356	1.79	-	28.15	3.75	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

30/06/2020



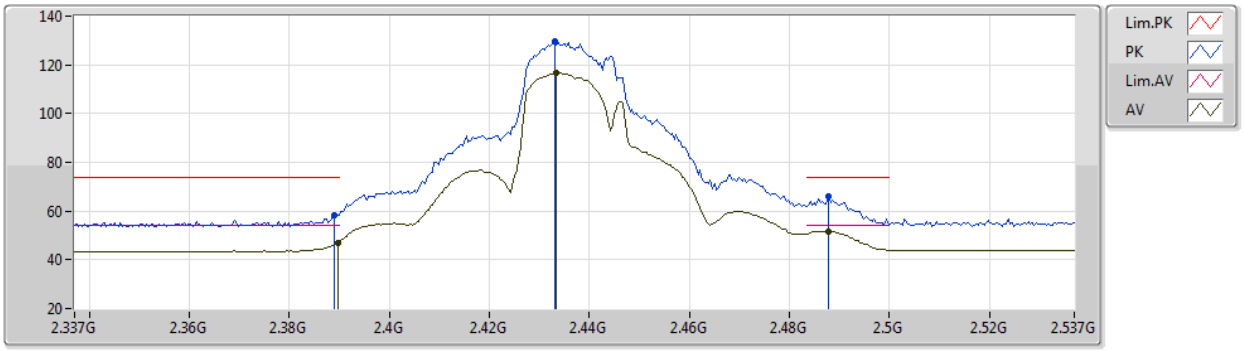
EUT Z_4TX
Setting 46
03-A-J-7

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	60.01	74.00	-13.99	28.20	3	Vertical	354	1.80	-	28.08	3.73	-
AV	2.3898G	48.43	54.00	-5.57	16.62	3	Vertical	354	1.80	-	28.08	3.73	-
PK	2.4406G	129.14	Inf	-Inf	97.12	3	Vertical	354	1.80	-	28.26	3.76	-
AV	2.4426G	117.10	Inf	-Inf	85.06	3	Vertical	354	1.80	-	28.27	3.77	-
PK	2.4835G	65.88	74.00	-8.12	33.66	3	Vertical	354	1.80	-	28.43	3.79	-
AV	2.4835G	53.37	54.00	-0.63	21.15	3	Vertical	354	1.80	-	28.43	3.79	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

30/06/2020



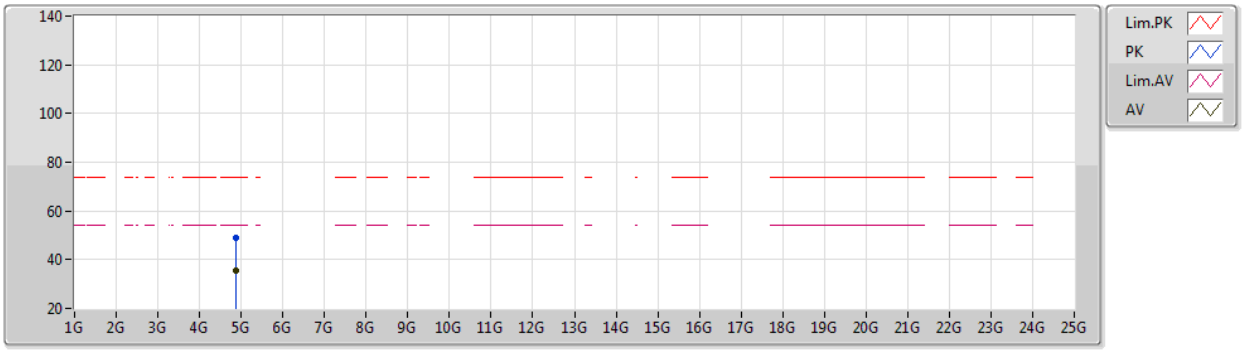
EUT Z_4TX
Setting 46
03-A-J-7

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	58.27	74.00	-15.73	26.46	3	Horizontal	357	2.03	-	28.08	3.73	-
AV	2.3898G	47.15	54.00	-6.85	15.34	3	Horizontal	357	2.03	-	28.08	3.73	-
PK	2.433G	129.67	Inf	-Inf	97.68	3	Horizontal	357	2.03	-	28.23	3.76	-
AV	2.4334G	116.53	Inf	-Inf	84.54	3	Horizontal	357	2.03	-	28.23	3.76	-
PK	2.4878G	65.99	74.00	-8.01	33.75	3	Horizontal	357	2.03	-	28.45	3.79	-
AV	2.4878G	51.71	54.00	-2.29	19.47	3	Horizontal	357	2.03	-	28.45	3.79	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

30/06/2020



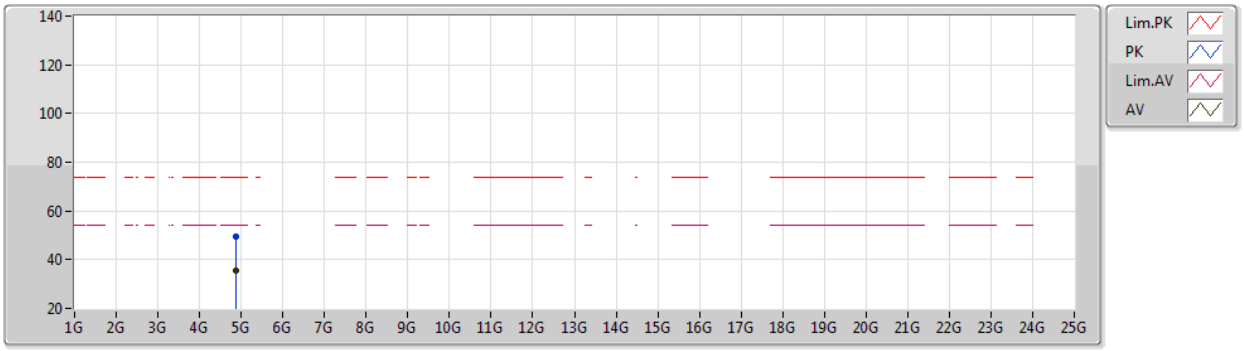
EUT Z_4TX
Setting 46
03-A-J-7

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	4.8785G	49.02	74.00	-24.98	42.71	3	Vertical	4	1.90	-	33.51	6.58	33.78
AV	4.8788G	35.61	54.00	-18.39	29.30	3	Vertical	4	1.90	-	33.52	6.58	33.79

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

30/06/2020



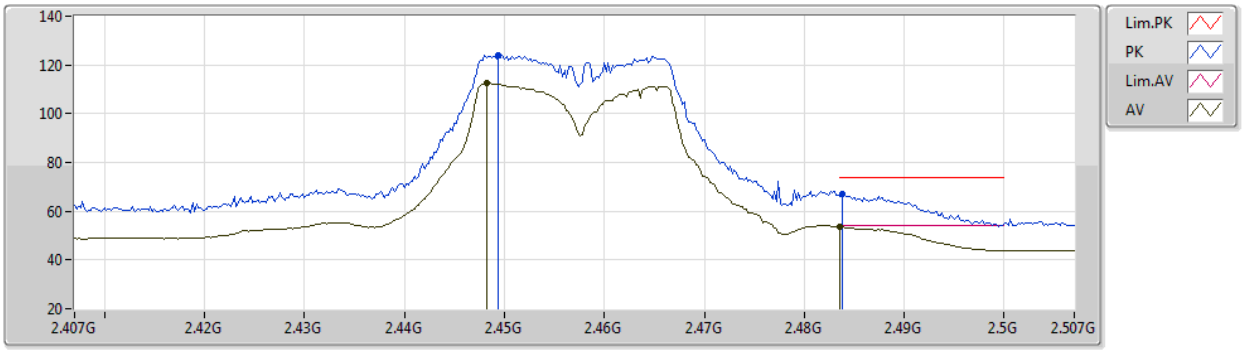
EUT Z_4TX
Setting 46
03-A-J-7

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	4.8798G	49.72	74.00	-24.28	43.41	3	Horizontal	351	1.96	-	33.52	6.58	33.79
AV	4.8809G	35.52	54.00	-18.48	29.21	3	Horizontal	351	1.96	-	33.52	6.58	33.79

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

30/06/2020



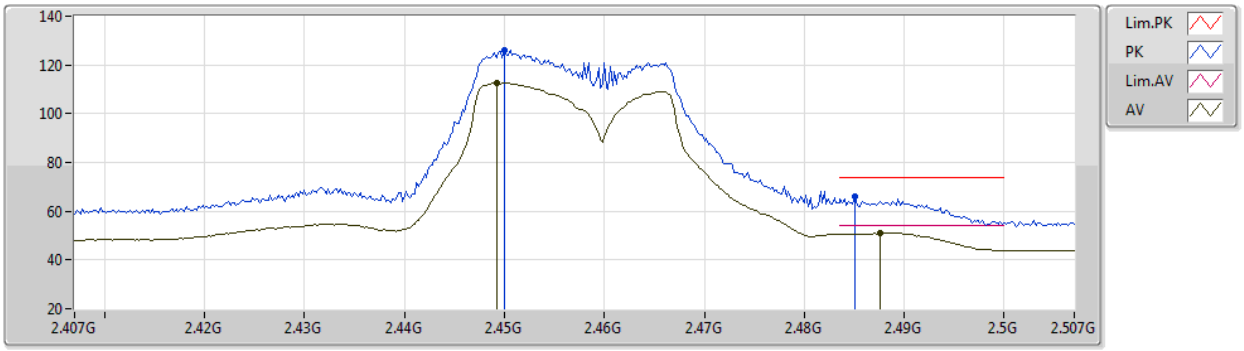
EUT Z_4TX
Setting 35
03-A-J-7

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	2.4494G	123.91	Inf	-Inf	91.84	3	Vertical	0	1.67	-	28.30	3.77	-
AV	2.4482G	112.59	Inf	-Inf	80.53	3	Vertical	0	1.67	-	28.29	3.77	-
PK	2.4838G	67.08	74.00	-6.92	34.85	3	Vertical	0	1.67	-	28.44	3.79	-
AV	2.4835G	53.66	54.00	-0.34	21.44	3	Vertical	0	1.67	-	28.43	3.79	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

30/06/2020



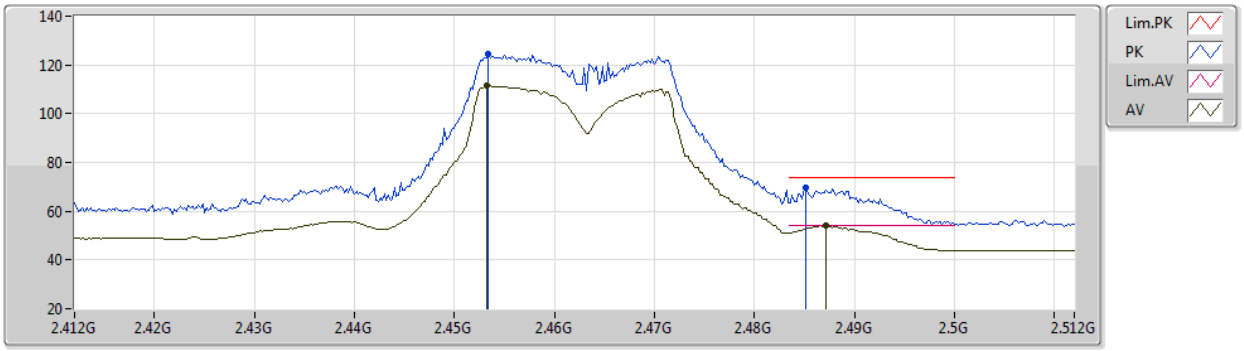
EUT Z_4TX
Setting 35
03-A-J-7

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	2.45G	125.88	Inf	-Inf	93.81	3	Horizontal	5	1.98	-	28.30	3.77	-
AV	2.4492G	112.55	Inf	-Inf	80.48	3	Horizontal	5	1.98	-	28.30	3.77	-
PK	2.485G	66.03	74.00	-7.97	33.80	3	Horizontal	5	1.98	-	28.44	3.79	-
AV	2.4876G	50.99	54.00	-3.01	18.75	3	Horizontal	5	1.98	-	28.45	3.79	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

30/06/2020



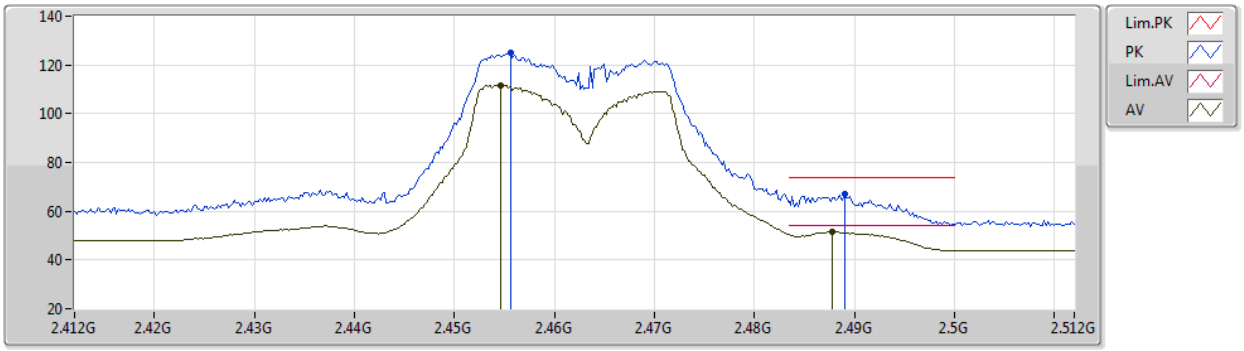
EUT Z_4TX
Setting 35
03-A-J-7

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	2.4534G	124.59	Inf	-Inf	92.51	3	Vertical	1	1.69	-	28.31	3.77	-
AV	2.4532G	111.39	Inf	-Inf	79.31	3	Vertical	1	1.69	-	28.31	3.77	-
PK	2.4852G	69.67	74.00	-4.33	37.44	3	Vertical	1	1.69	-	28.44	3.79	-
AV	2.4872G	53.89	54.00	-0.11	21.65	3	Vertical	1	1.69	-	28.45	3.79	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

30/06/2020



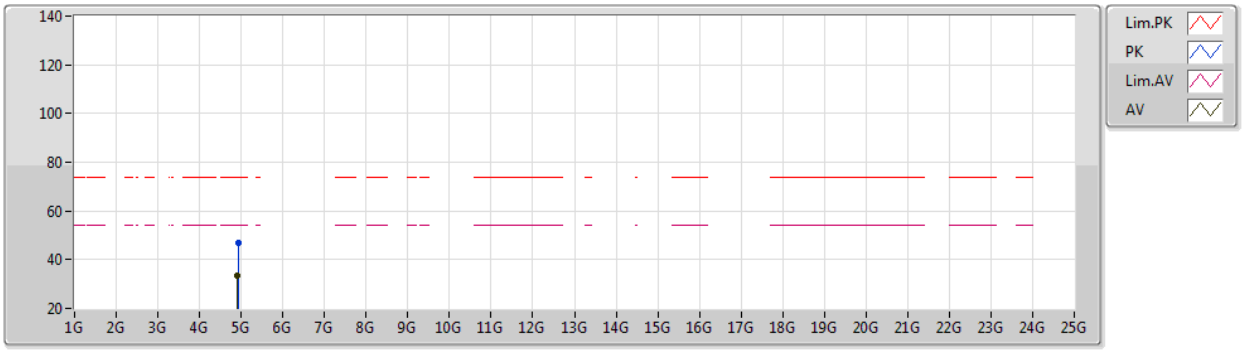
EUT Z_4TX
Setting 35
03-A-J-7

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	2.4556G	125.02	Inf	-Inf	92.93	3	Horizontal	3	2.16	-	28.32	3.77	-
AV	2.4546G	111.78	Inf	-Inf	79.69	3	Horizontal	3	2.16	-	28.32	3.77	-
PK	2.489G	67.07	74.00	-6.93	34.82	3	Horizontal	3	2.16	-	28.46	3.79	-
AV	2.4878G	51.49	54.00	-2.51	19.25	3	Horizontal	3	2.16	-	28.45	3.79	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

30/06/2020



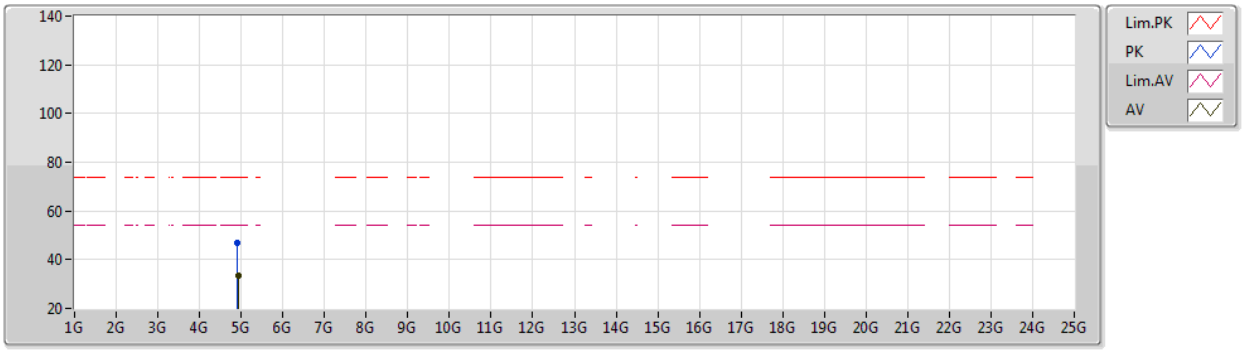
EUT Z_4TX
Setting 35
03-A-J-7

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	4.9271G	46.93	74.00	-27.07	40.52	3	Vertical	135	1.35	-	33.63	6.60	33.82
AV	4.9104G	33.50	54.00	-20.50	27.11	3	Vertical	135	1.35	-	33.61	6.59	33.81

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

30/06/2020



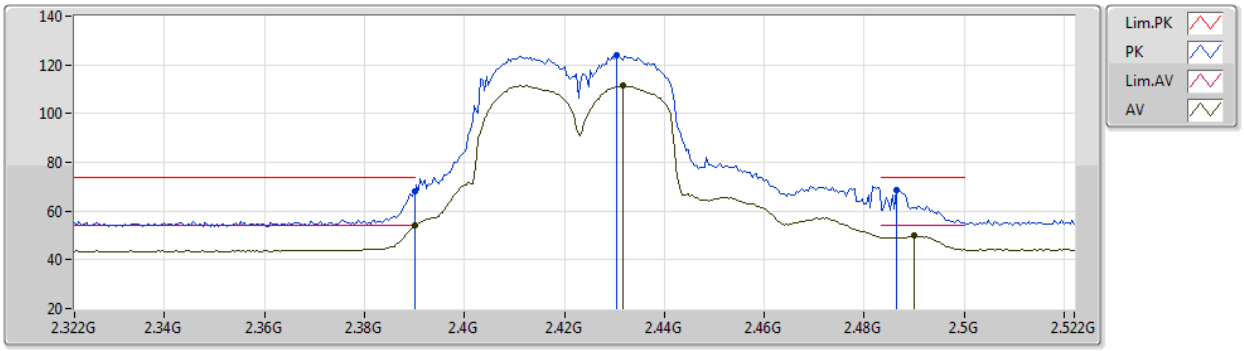
EUT Z_4TX
Setting 35
03-A-J-7

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	4.9067G	47.01	74.00	-26.99	40.61	3	Horizontal	169	1.55	-	33.61	6.59	33.80
AV	4.9194G	33.66	54.00	-20.34	27.25	3	Horizontal	169	1.55	-	33.62	6.60	33.81

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

30/06/2020



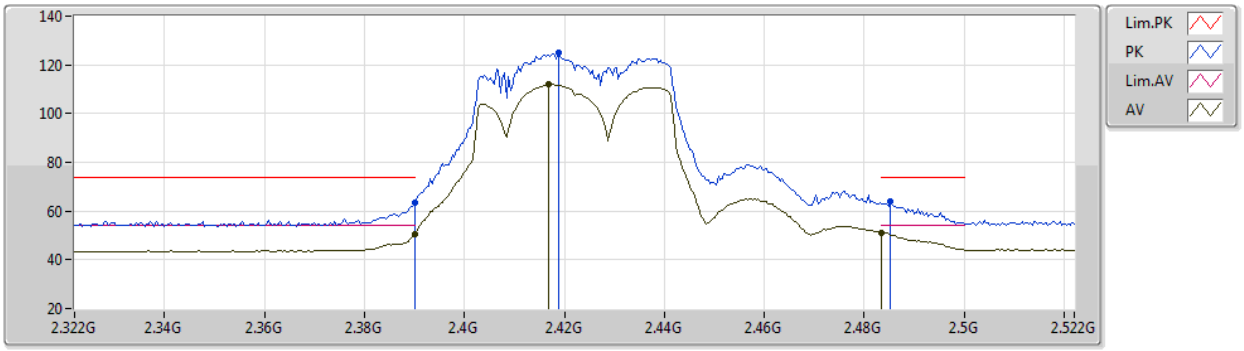
EUT Z_4TX
Setting 35
03-A-M-1

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	68.28	74.00	-5.72	36.47	3	Vertical	181	1.80	-	28.08	3.73	-
AV	2.39G	53.98	54.00	-0.02	22.17	3	Vertical	181	1.80	-	28.08	3.73	-
PK	2.4304G	124.07	Inf	-Inf	92.09	3	Vertical	181	1.80	-	28.22	3.76	-
AV	2.4316G	111.43	Inf	-Inf	79.44	3	Vertical	181	1.80	-	28.23	3.76	-
PK	2.4864G	68.72	74.00	-5.28	36.48	3	Vertical	181	1.80	-	28.45	3.79	-
AV	2.49G	49.87	54.00	-4.13	17.62	3	Vertical	181	1.80	-	28.46	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

30/06/2020



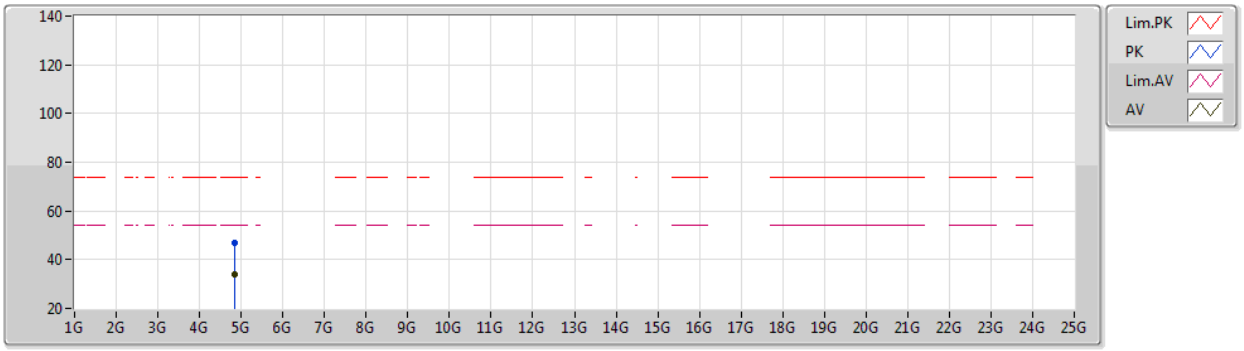
EUT Z_4TX
Setting 35
03-A-M-1

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	63.38	74.00	-10.62	31.57	3	Horizontal	356	1.96	-	28.08	3.73	-
AV	2.39G	50.77	54.00	-3.23	18.96	3	Horizontal	356	1.96	-	28.08	3.73	-
PK	2.4188G	124.91	Inf	-Inf	92.98	3	Horizontal	356	1.96	-	28.18	3.75	-
AV	2.4168G	111.98	Inf	-Inf	80.06	3	Horizontal	356	1.96	-	28.17	3.75	-
PK	2.4852G	64.20	74.00	-9.80	31.97	3	Horizontal	356	1.96	-	28.44	3.79	-
AV	2.4835G	51.18	54.00	-2.82	18.96	3	Horizontal	356	1.96	-	28.43	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

30/06/2020



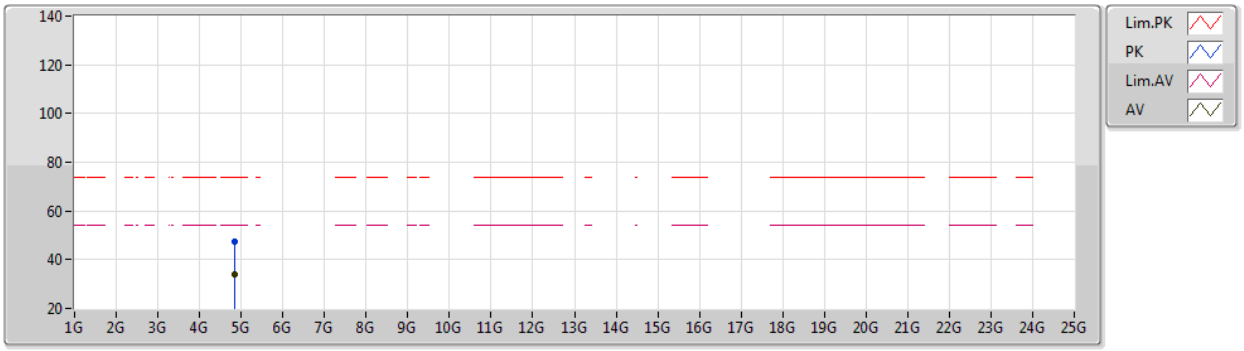
EUT Z_4TX
Setting 35
03-A-M-1

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	4.84478G	46.96	74.00	-27.04	40.77	3	Vertical	0	1.80	-	33.38	6.57	33.76
AV	4.84185G	33.75	54.00	-20.25	27.57	3	Vertical	0	1.80	-	33.37	6.57	33.76

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

30/06/2020



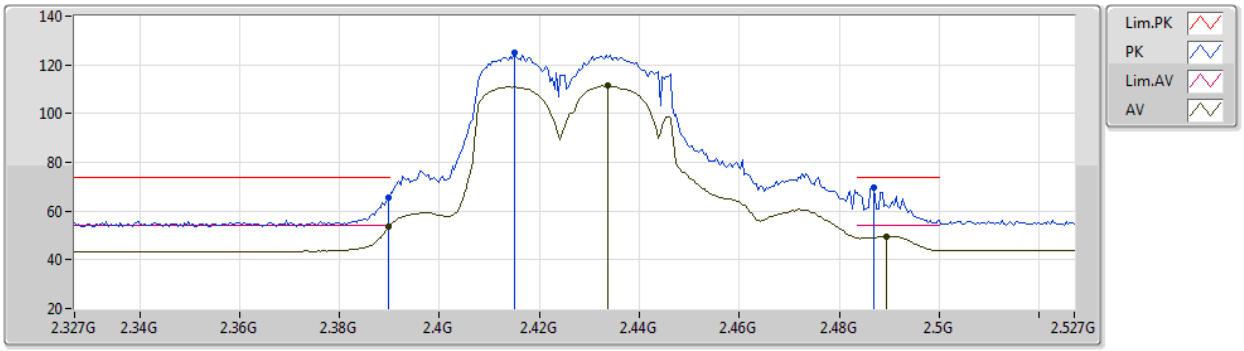
EUT Z_4TX
Setting 35
03-A-M-1

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	4.84198G	47.20	74.00	-26.80	41.02	3	Horizontal	263	1.63	-	33.37	6.57	33.76
AV	4.8416G	33.77	54.00	-20.23	27.59	3	Horizontal	263	1.63	-	33.37	6.57	33.76

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

30/06/2020



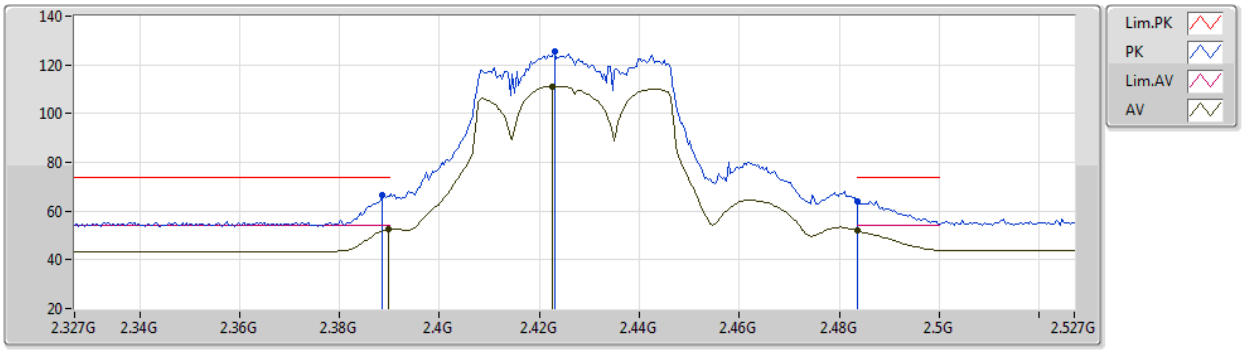
EUT Z_4TX
Setting 36
03-A-M-1

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	65.46	74.00	-8.54	33.65	3	Vertical	175	1.67	-	28.08	3.73	-
AV	2.3898G	53.70	54.00	-0.30	21.89	3	Vertical	175	1.67	-	28.08	3.73	-
PK	2.415G	124.94	Inf	-Inf	93.03	3	Vertical	175	1.67	-	28.16	3.75	-
AV	2.4338G	111.38	Inf	-Inf	79.38	3	Vertical	175	1.67	-	28.24	3.76	-
PK	2.487G	69.57	74.00	-4.43	37.33	3	Vertical	175	1.67	-	28.45	3.79	-
AV	2.4894G	49.73	54.00	-4.27	17.48	3	Vertical	175	1.67	-	28.46	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

30/06/2020



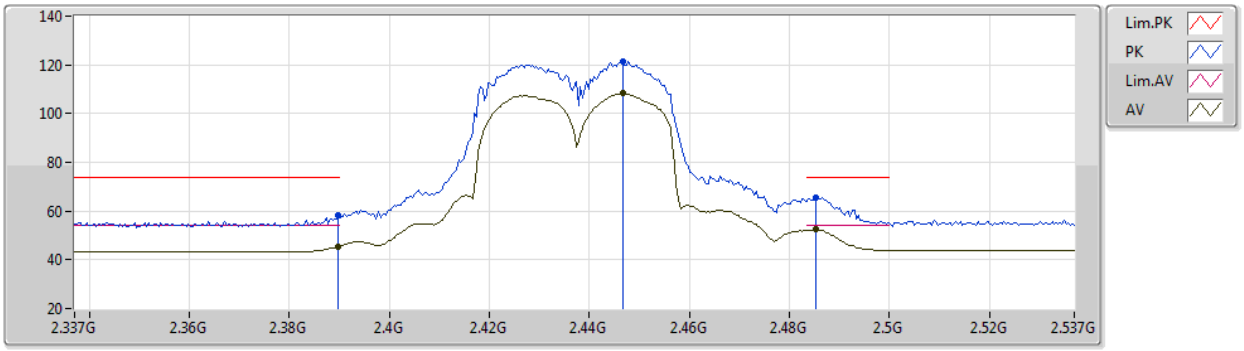
EUT Z_4TX
Setting 36
03-A-M-1

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	66.67	74.00	-7.33	34.86	3	Horizontal	178	1.62	-	28.08	3.73	-
AV	2.3898G	52.49	54.00	-1.51	20.68	3	Horizontal	178	1.62	-	28.08	3.73	-
PK	2.423G	125.43	Inf	-Inf	93.49	3	Horizontal	178	1.62	-	28.19	3.75	-
AV	2.4226G	111.23	Inf	-Inf	79.29	3	Horizontal	178	1.62	-	28.19	3.75	-
PK	2.4835G	64.13	74.00	-9.87	31.91	3	Horizontal	178	1.62	-	28.43	3.79	-
AV	2.4835G	51.90	54.00	-2.10	19.68	3	Horizontal	178	1.62	-	28.43	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

30/06/2020



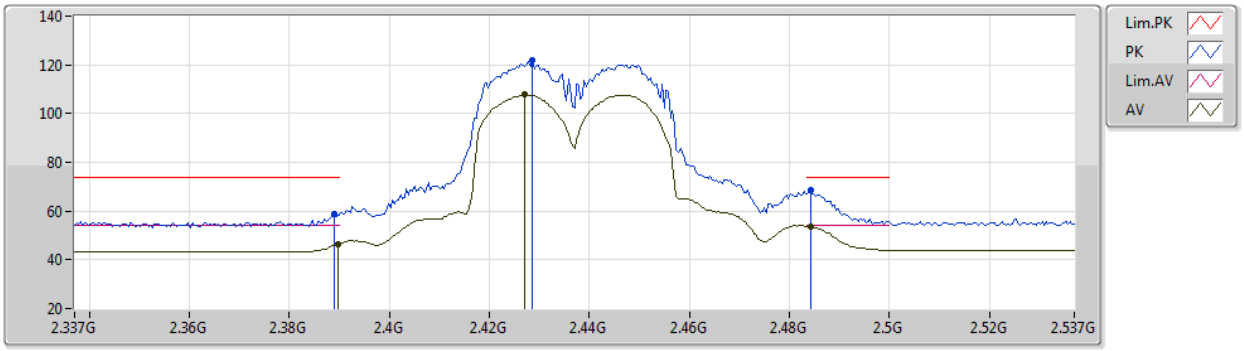
EUT Z_4TX
Setting 27
03-A-M-1

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	58.52	74.00	-15.48	26.71	3	Vertical	360	1.65	-	28.08	3.73	-
AV	2.3898G	45.40	54.00	-8.60	13.59	3	Vertical	360	1.65	-	28.08	3.73	-
PK	2.4466G	121.43	Inf	-Inf	89.37	3	Vertical	360	1.65	-	28.29	3.77	-
AV	2.4466G	108.19	Inf	-Inf	76.13	3	Vertical	360	1.65	-	28.29	3.77	-
PK	2.4854G	65.50	74.00	-8.50	33.27	3	Vertical	360	1.65	-	28.44	3.79	-
AV	2.4854G	52.33	54.00	-1.67	20.10	3	Vertical	360	1.65	-	28.44	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

30/06/2020



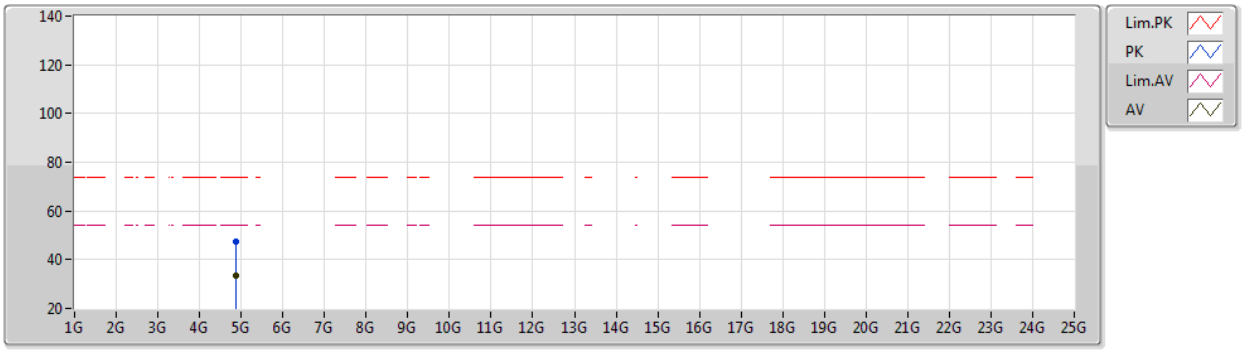
EUT Z_4TX
Setting 27
03-A-M-1

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	58.77	74.00	-15.23	26.96	3	Horizontal	1	1.77	-	28.08	3.73	-
AV	2.3898G	46.56	54.00	-7.44	14.75	3	Horizontal	1	1.77	-	28.08	3.73	-
PK	2.4286G	121.65	Inf	-Inf	89.68	3	Horizontal	1	1.77	-	28.21	3.76	-
AV	2.427G	107.69	Inf	-Inf	75.72	3	Horizontal	1	1.77	-	28.21	3.76	-
PK	2.4842G	68.82	74.00	-5.18	36.59	3	Horizontal	1	1.77	-	28.44	3.79	-
AV	2.4842G	53.73	54.00	-0.27	21.50	3	Horizontal	1	1.77	-	28.44	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

30/06/2020



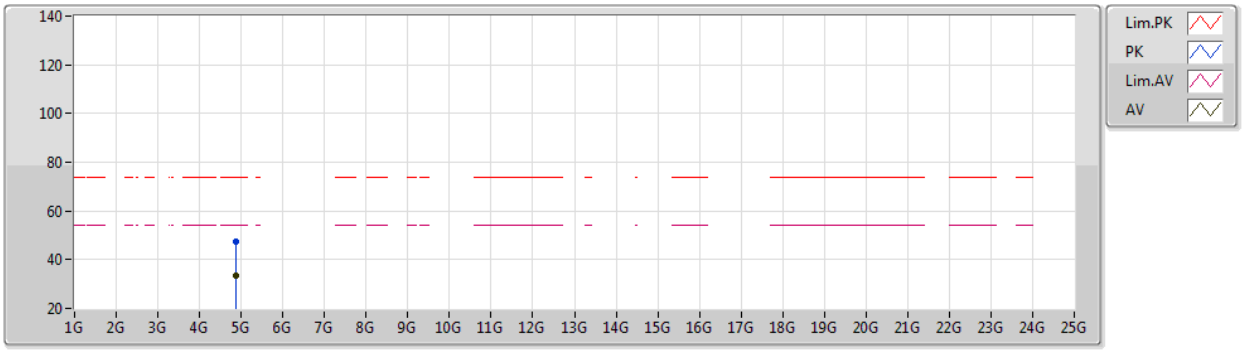
EUT Z_4TX
Setting 27
03-A-M-1

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	4.87469G	47.22	74.00	-26.78	40.92	3	Vertical	128	2.77	-	33.50	6.58	33.78
AV	4.87232G	33.28	54.00	-20.72	26.99	3	Vertical	128	2.77	-	33.49	6.58	33.78

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

30/06/2020



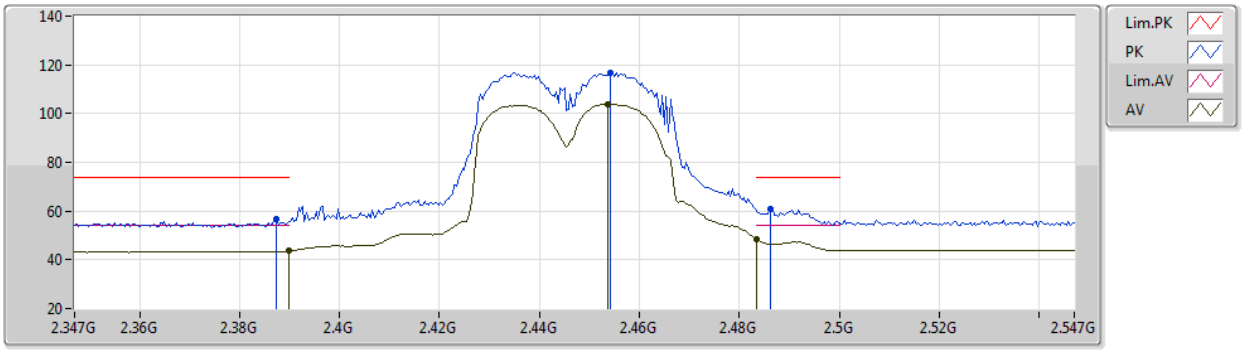
EUT Z_4TX
Setting 27
03-A-M-1

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	4.87491G	47.63	74.00	-26.37	41.33	3	Horizontal	182	1.88	-	33.50	6.58	33.78
AV	4.87456G	33.54	54.00	-20.46	27.24	3	Horizontal	182	1.88	-	33.50	6.58	33.78

802.11ax HEW40_Nss1,(MCS0)_4TX

2447MHz_TX

30/06/2020



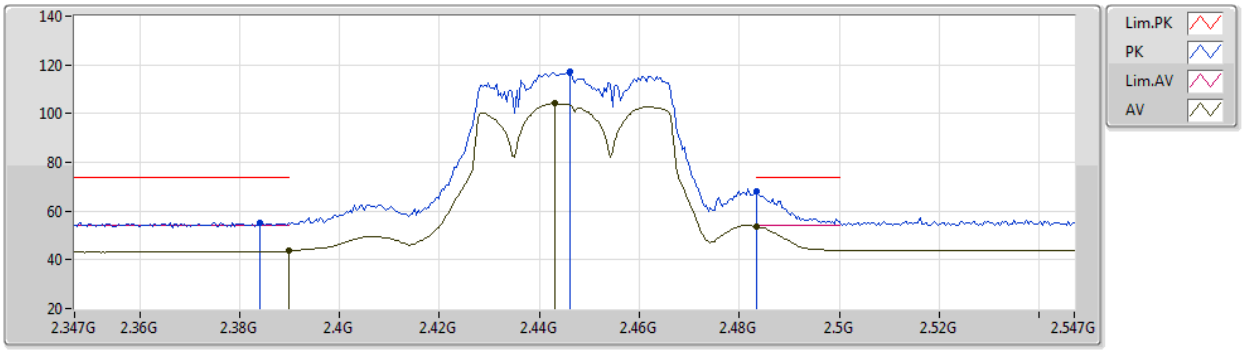
EUT Z_4TX
Setting 21
03-A-M-1

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	56.71	74.00	-17.29	24.91	3	Vertical	177	1.84	-	28.07	3.73	-
AV	2.3898G	43.61	54.00	-10.39	11.80	3	Vertical	177	1.84	-	28.08	3.73	-
PK	2.4542G	116.79	Inf	-Inf	84.70	3	Vertical	177	1.84	-	28.32	3.77	-
AV	2.4538G	104.04	Inf	-Inf	71.95	3	Vertical	177	1.84	-	28.32	3.77	-
PK	2.4862G	60.89	74.00	-13.11	28.66	3	Vertical	177	1.84	-	28.44	3.79	-
AV	2.4835G	48.39	54.00	-5.61	16.17	3	Vertical	177	1.84	-	28.43	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2447MHz_TX

30/06/2020



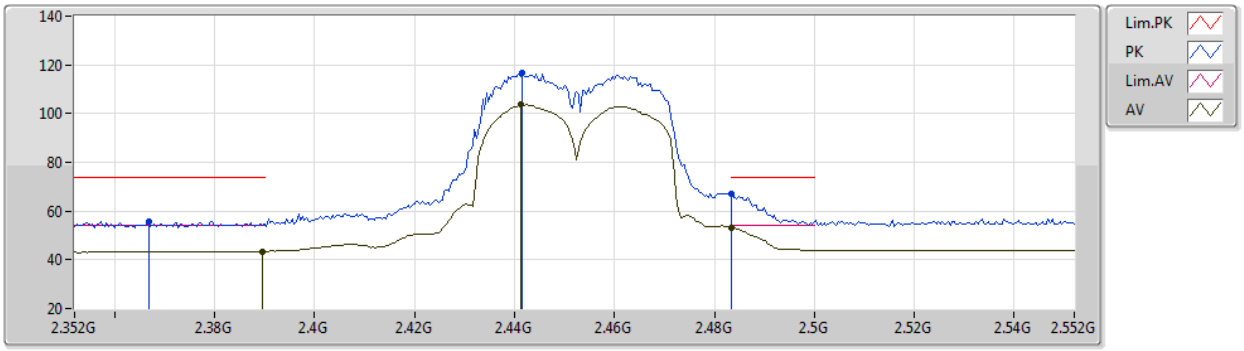
EUT Z_4TX
Setting 21
03-A-M-1

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	2.3842G	55.40	74.00	-18.60	23.60	3	Horizontal	178	1.86	-	28.07	3.73	-
AV	2.3898G	43.54	54.00	-10.46	11.73	3	Horizontal	178	1.86	-	28.08	3.73	-
PK	2.4462G	117.23	Inf	-Inf	85.18	3	Horizontal	178	1.86	-	28.28	3.77	-
AV	2.443G	104.11	Inf	-Inf	72.07	3	Horizontal	178	1.86	-	28.27	3.77	-
PK	2.4835G	67.99	74.00	-6.01	35.77	3	Horizontal	178	1.86	-	28.43	3.79	-
AV	2.4835G	53.79	54.00	-0.21	21.57	3	Horizontal	178	1.86	-	28.43	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

30/06/2020



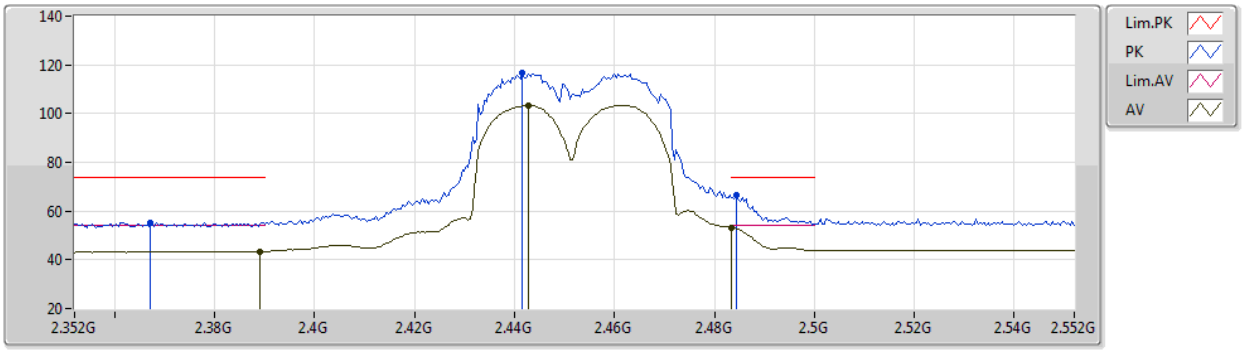
EUT Z_4TX
Setting 19
03-A-M-1

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	2.3668G	55.66	74.00	-18.34	23.91	3	Vertical	360	1.68	-	28.03	3.72	-
AV	2.3896G	43.38	54.00	-10.62	11.57	3	Vertical	360	1.68	-	28.08	3.73	-
PK	2.4416G	116.59	Inf	-Inf	84.56	3	Vertical	360	1.68	-	28.27	3.76	-
AV	2.4412G	103.54	Inf	-Inf	71.52	3	Vertical	360	1.68	-	28.26	3.76	-
PK	2.4835G	66.95	74.00	-7.05	34.73	3	Vertical	360	1.68	-	28.43	3.79	-
AV	2.4835G	53.21	54.00	-0.79	20.99	3	Vertical	360	1.68	-	28.43	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

30/06/2020



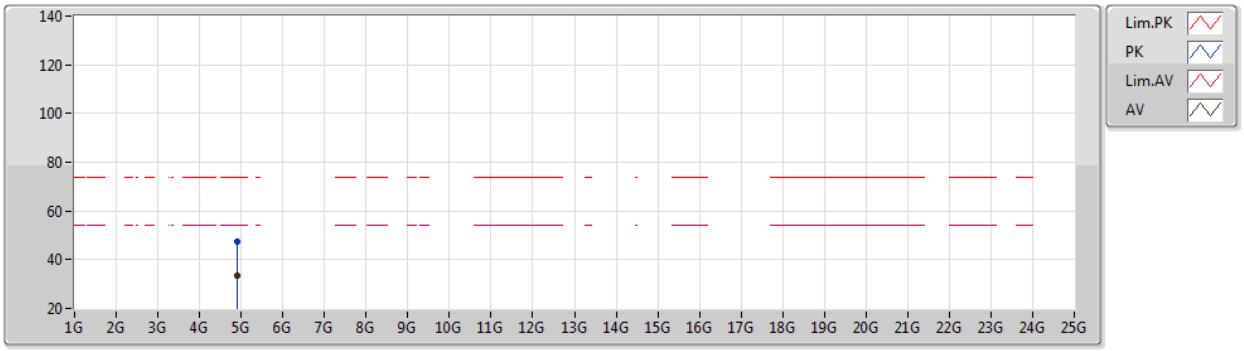
EUT Z_4TX
Setting 19
03-A-M-1

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	2.3672G	55.32	74.00	-18.68	23.57	3	Horizontal	1	1.95	-	28.03	3.72	-
AV	2.3892G	43.39	54.00	-10.61	11.58	3	Horizontal	1	1.95	-	28.08	3.73	-
PK	2.4416G	116.55	Inf	-Inf	84.52	3	Horizontal	1	1.95	-	28.27	3.76	-
AV	2.4428G	103.40	Inf	-Inf	71.36	3	Horizontal	1	1.95	-	28.27	3.77	-
PK	2.4844G	66.57	74.00	-7.43	34.34	3	Horizontal	1	1.95	-	28.44	3.79	-
AV	2.4835G	53.14	54.00	-0.86	20.92	3	Horizontal	1	1.95	-	28.43	3.79	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

30/06/2020



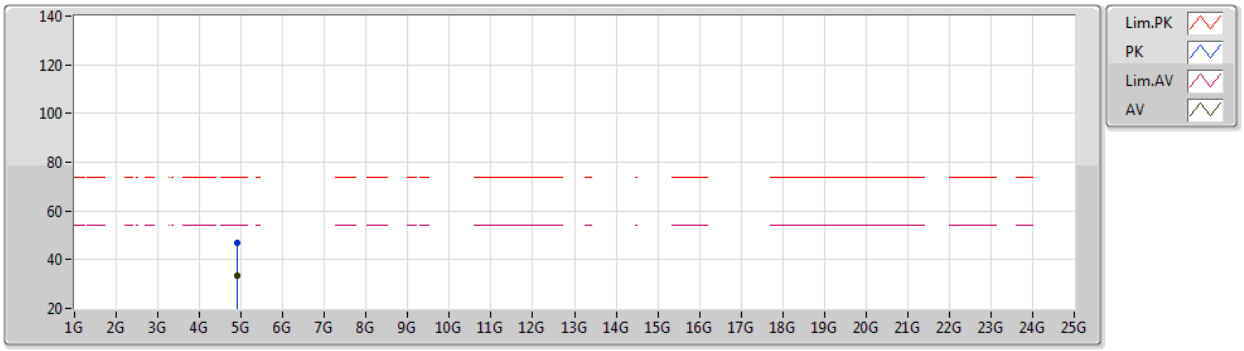
EUT Z_4TX
Setting 19
03-A-M-1

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	4.90552G	47.53	74.00	-26.47	41.13	3	Vertical	108	2.28	-	33.61	6.59	33.80
AV	4.90179G	33.50	54.00	-20.50	27.11	3	Vertical	108	2.28	-	33.60	6.59	33.80

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

30/06/2020



EUT Z_4TX
Setting 19
03-A-M-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	4.90161G	46.93	74.00	-27.07	40.54	3	Horizontal	154	1.94	-	33.60	6.59	33.80
AV	4.90183G	33.51	54.00	-20.49	27.12	3	Horizontal	154	1.94	-	33.60	6.59	33.80

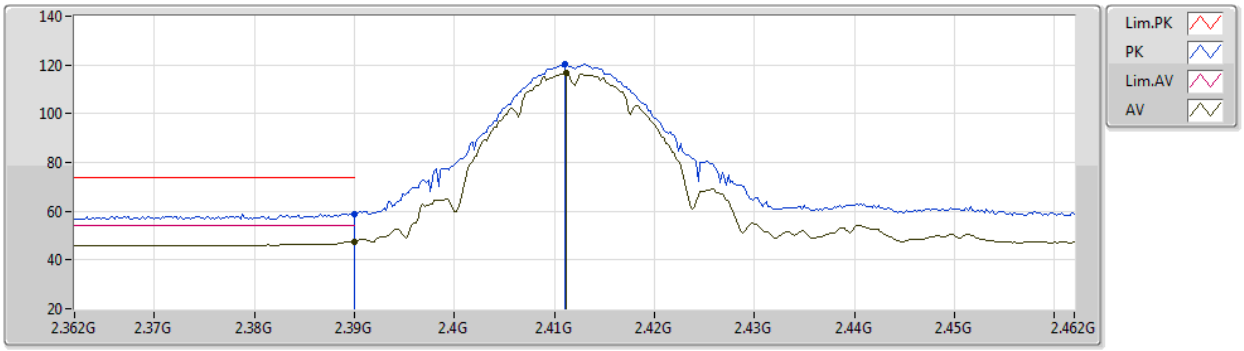
For Internal antenna
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.487G	53.99	54.00	-0.01	3	Horizontal	347	1.93	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

12/08/2020



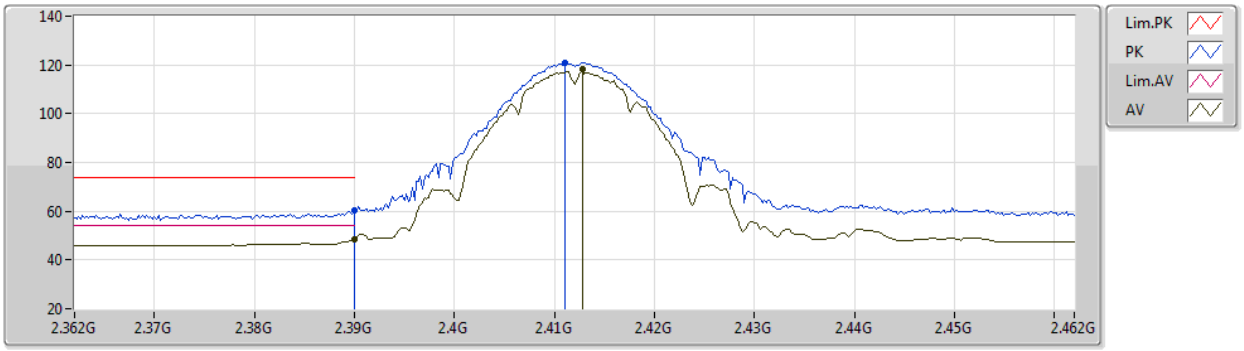
EUT Y_4TX
Setting 46
06-F-K-4

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	58.84	74.00	-15.16	25.45	3	Vertical	9	1.80	-	29.39	4.00	-
AV	2.39G	47.62	54.00	-6.38	14.23	3	Vertical	9	1.80	-	29.39	4.00	-
PK	2.411G	120.35	Inf	-Inf	86.85	3	Vertical	9	1.80	-	29.49	4.01	-
AV	2.4112G	116.51	Inf	-Inf	83.01	3	Vertical	9	1.80	-	29.49	4.01	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

12/08/2020



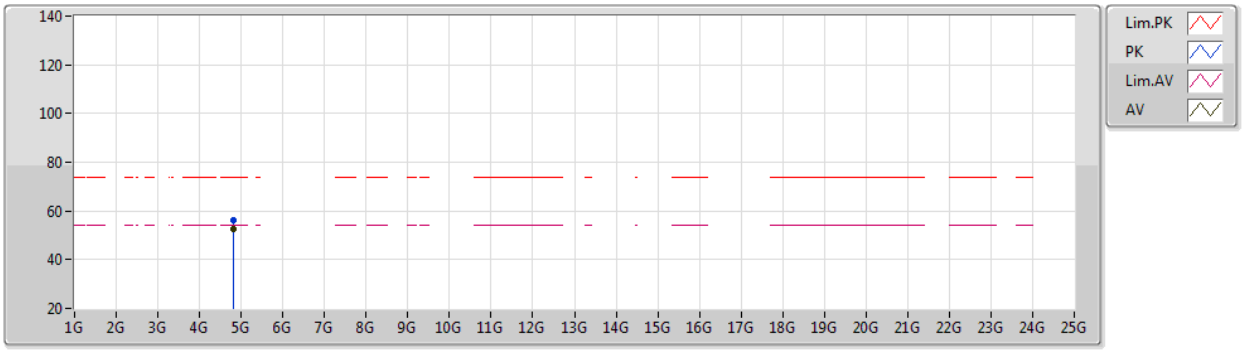
EUT Y_4TX
Setting 46
06-F-K-4

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	60.09	74.00	-13.91	26.70	3	Horizontal	10	1.77	-	29.39	4.00	-
AV	2.39G	48.49	54.00	-5.51	15.10	3	Horizontal	10	1.77	-	29.39	4.00	-
PK	2.411G	121.12	Inf	-Inf	87.62	3	Horizontal	10	1.77	-	29.49	4.01	-
AV	2.4128G	118.21	Inf	-Inf	84.70	3	Horizontal	10	1.77	-	29.50	4.01	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

12/08/2020



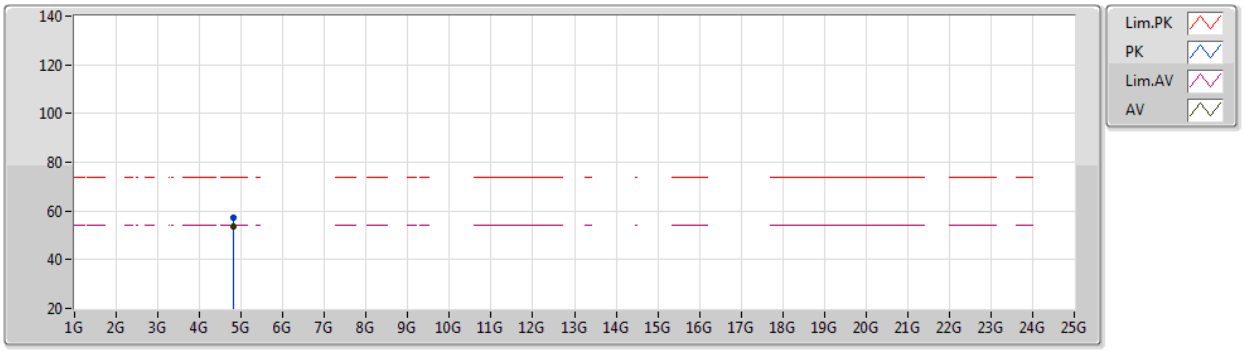
EUT Y_4TX
Setting 46
06-F-K-4

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	4.82394G	56.33	74.00	-17.67	49.21	3	Vertical	333	1.82	-	33.52	5.33	31.73
AV	4.82398G	52.74	54.00	-1.26	45.62	3	Vertical	333	1.82	-	33.52	5.33	31.73

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

12/08/2020



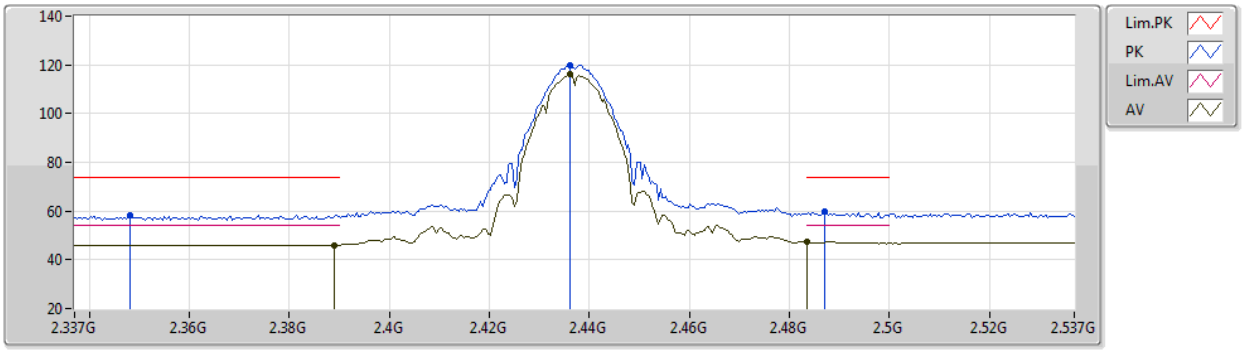
EUT Y_4TX
Setting 46
06-F-K-4

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	57.44	74.00	-16.56	50.32	3	Horizontal	354	1.79	-	33.52	5.33	31.73
AV	4.82398G	53.81	54.00	-0.19	46.69	3	Horizontal	354	1.79	-	33.52	5.33	31.73

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

12/08/2020



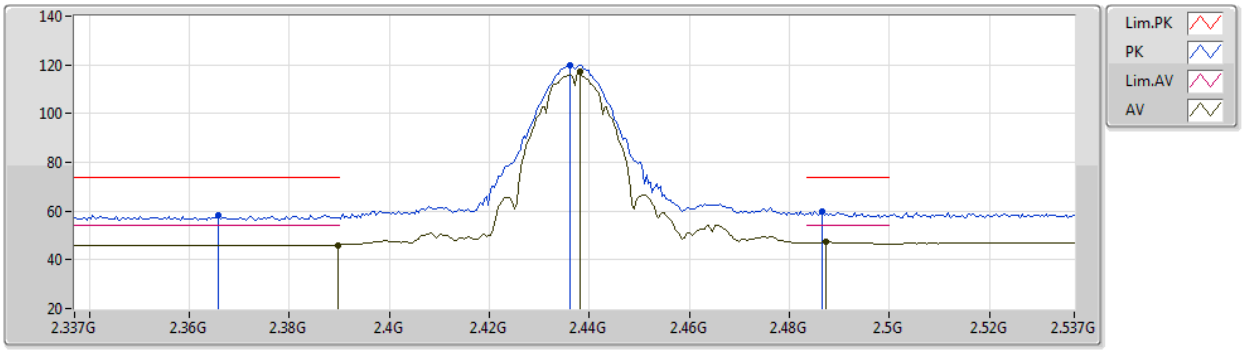
EUT Y_4TX
Setting 46
06-F-K-4

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	2.3482G	58.53	74.00	-15.47	25.21	3	Vertical	0	1.80	-	29.35	3.97	-
AV	2.389G	46.09	54.00	-7.91	12.71	3	Vertical	0	1.80	-	29.39	3.99	-
PK	2.4362G	119.86	Inf	-Inf	86.15	3	Vertical	0	1.80	-	29.69	4.02	-
AV	2.4362G	115.97	Inf	-Inf	82.26	3	Vertical	0	1.80	-	29.69	4.02	-
PK	2.487G	59.80	74.00	-14.20	25.66	3	Vertical	0	1.80	-	30.10	4.04	-
AV	2.4835G	47.44	54.00	-6.56	13.33	3	Vertical	0	1.80	-	30.07	4.04	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

12/08/2020



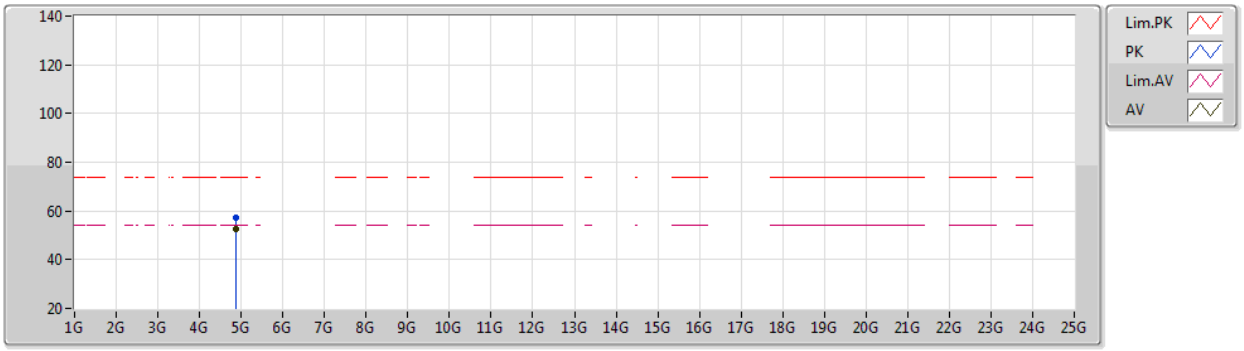
EUT Y_4TX
Setting 46
06-F-K-4

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	2.3658G	58.52	74.00	-15.48	25.17	3	Horizontal	11	1.74	-	29.37	3.98	-
AV	2.3898G	46.05	54.00	-7.95	12.67	3	Horizontal	11	1.74	-	29.39	3.99	-
PK	2.4362G	119.97	Inf	-Inf	86.26	3	Horizontal	11	1.74	-	29.69	4.02	-
AV	2.4382G	117.49	Inf	-Inf	83.76	3	Horizontal	11	1.74	-	29.71	4.02	-
PK	2.4866G	59.71	74.00	-14.29	25.58	3	Horizontal	11	1.74	-	30.09	4.04	-
AV	2.4874G	47.36	54.00	-6.64	13.22	3	Horizontal	11	1.74	-	30.10	4.04	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

12/08/2020



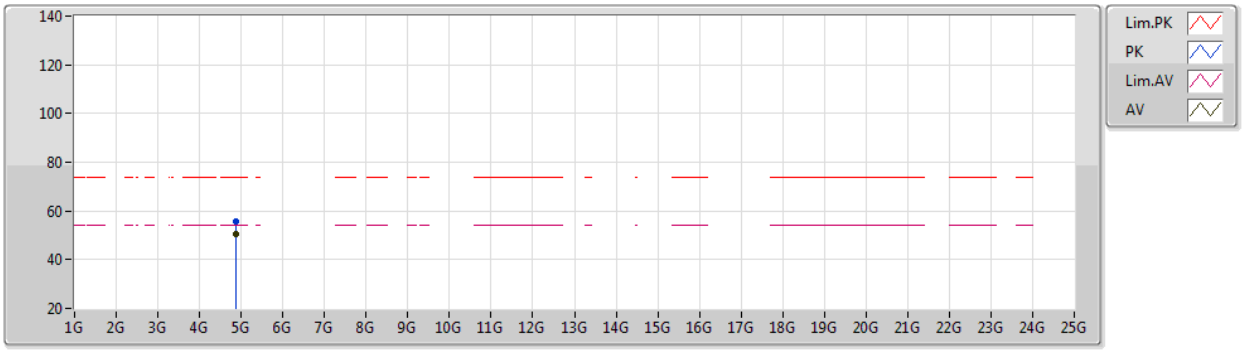
EUT Y_4TX
Setting 46
06-F-K-4

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	4.87394G	57.23	74.00	-16.77	49.73	3	Vertical	332	1.80	-	33.77	5.40	31.67
AV	4.87398G	52.60	54.00	-1.40	45.10	3	Vertical	332	1.80	-	33.77	5.40	31.67

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

12/08/2020



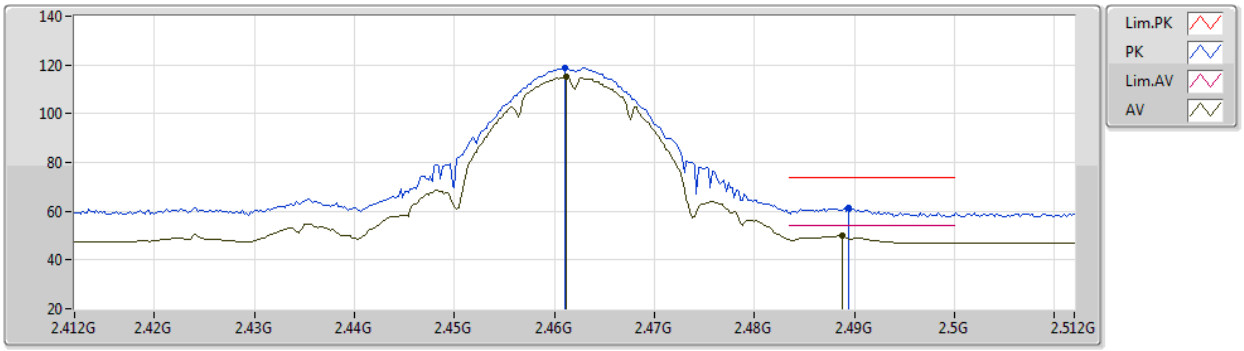
EUT Y_4TX
Setting 46
06-F-K-4

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	4.87387G	55.67	74.00	-18.33	48.17	3	Horizontal	353	1.84	-	33.77	5.40	31.67
AV	4.87399G	50.76	54.00	-3.24	43.26	3	Horizontal	353	1.84	-	33.77	5.40	31.67

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

12/08/2020



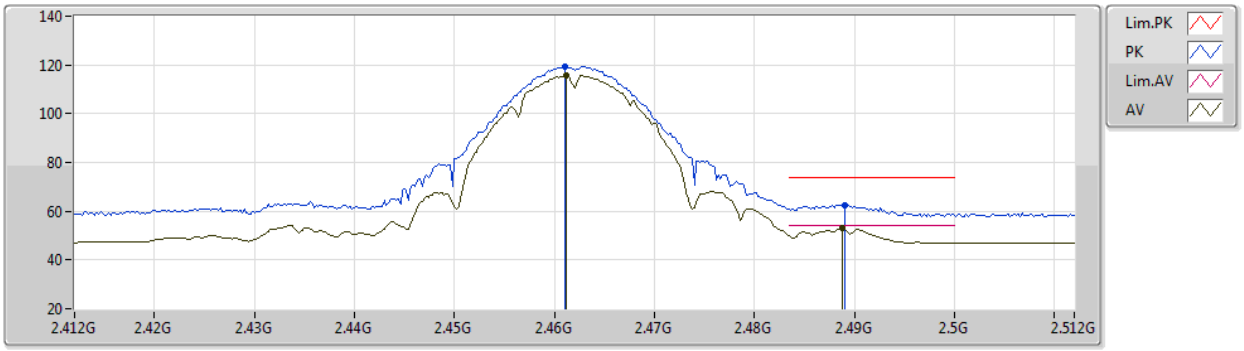
EUT Y_4TX
Setting 46
06-F-K-4

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	118.99	Inf	-Inf	85.07	3	Vertical	4	1.70	-	29.89	4.03	-
AV	2.4612G	115.13	Inf	-Inf	81.21	3	Vertical	4	1.70	-	29.89	4.03	-
PK	2.4894G	61.54	74.00	-12.46	27.38	3	Vertical	4	1.70	-	30.12	4.04	-
AV	2.4888G	49.85	54.00	-4.15	15.70	3	Vertical	4	1.70	-	30.11	4.04	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

12/08/2020



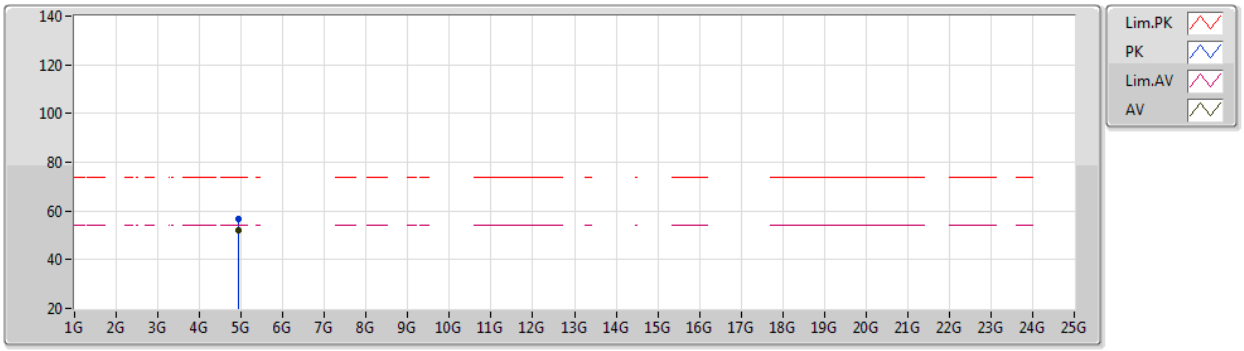
EUT Y_4TX
Setting 46
06-F-K-4

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	119.56	Inf	-Inf	85.64	3	Horizontal	4	1.80	-	29.89	4.03	-
AV	2.4612G	115.73	Inf	-Inf	81.81	3	Horizontal	4	1.80	-	29.89	4.03	-
PK	2.489G	62.62	74.00	-11.38	28.47	3	Horizontal	4	1.80	-	30.11	4.04	-
AV	2.4888G	53.09	54.00	-0.91	18.94	3	Horizontal	4	1.80	-	30.11	4.04	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

12/08/2020



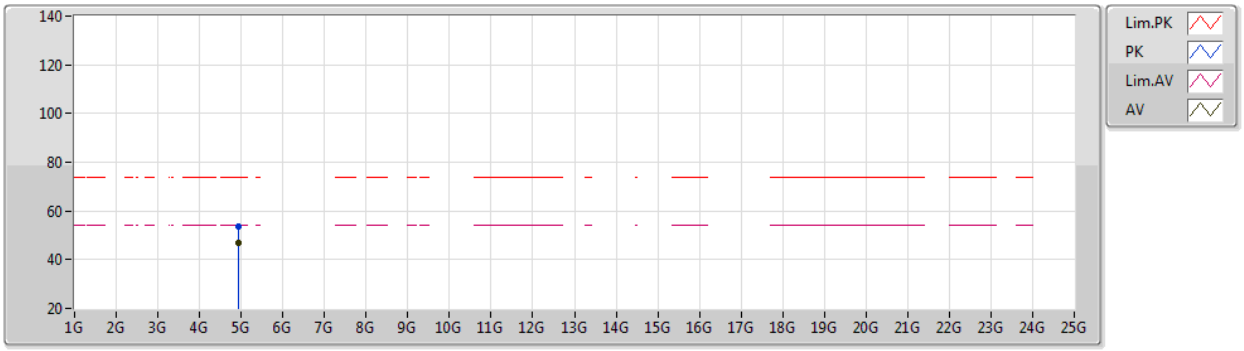
EUT Y_4TX
Setting 46
06-F-K-4

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	4.92403G	56.61	74.00	-17.39	48.82	3	Vertical	328	1.80	-	33.92	5.48	31.61
AV	4.92399G	52.07	54.00	-1.93	44.28	3	Vertical	328	1.80	-	33.92	5.48	31.61

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

12/08/2020



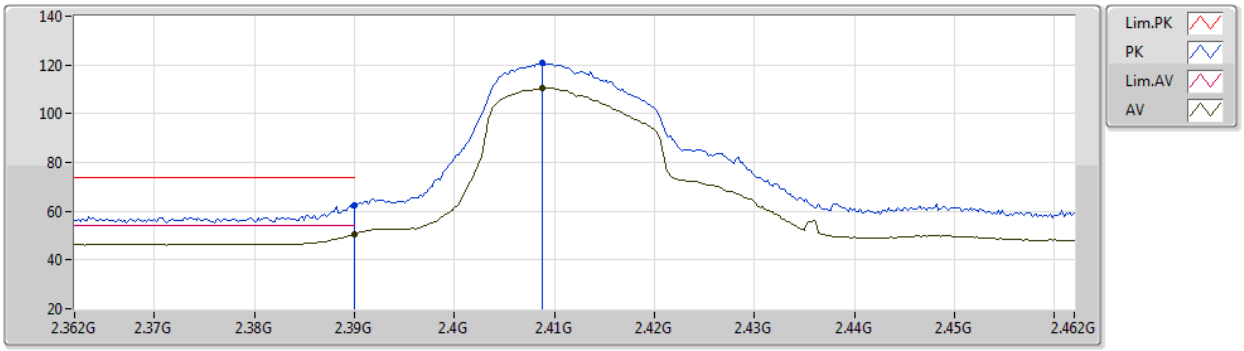
EUT Y_4TX
Setting 46
06-F-K-4

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	4.92396G	53.50	74.00	-20.50	45.71	3	Horizontal	34	1.66	-	33.92	5.48	31.61
AV	4.92397G	47.09	54.00	-6.91	39.30	3	Horizontal	34	1.66	-	33.92	5.48	31.61

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

12/08/2020



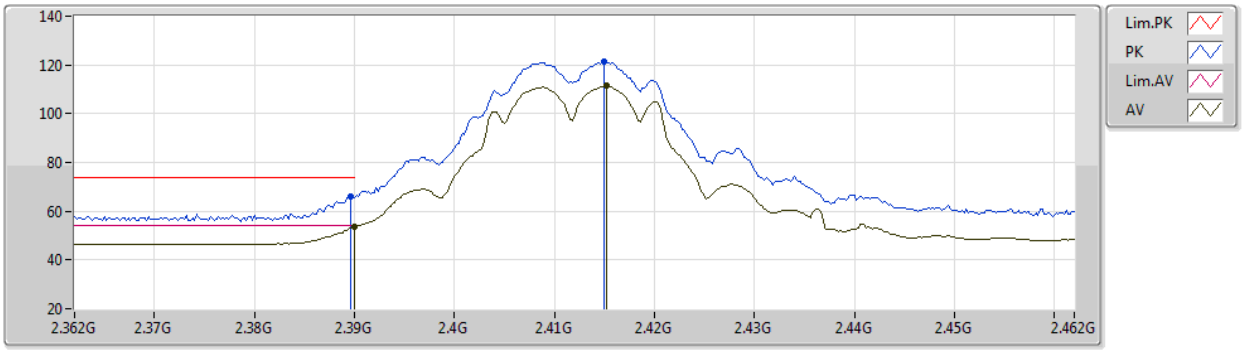
EUT Y_4TX
Setting 40
06-F-K-4

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	62.62	74.00	-11.38	29.23	3	Vertical	177	1.64	-	29.39	4.00	-
AV	2.39G	50.61	54.00	-3.39	17.22	3	Vertical	177	1.64	-	29.39	4.00	-
PK	2.4088G	121.09	Inf	-Inf	87.62	3	Vertical	177	1.64	-	29.47	4.00	-
AV	2.4088G	110.61	Inf	-Inf	77.14	3	Vertical	177	1.64	-	29.47	4.00	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

12/08/2020



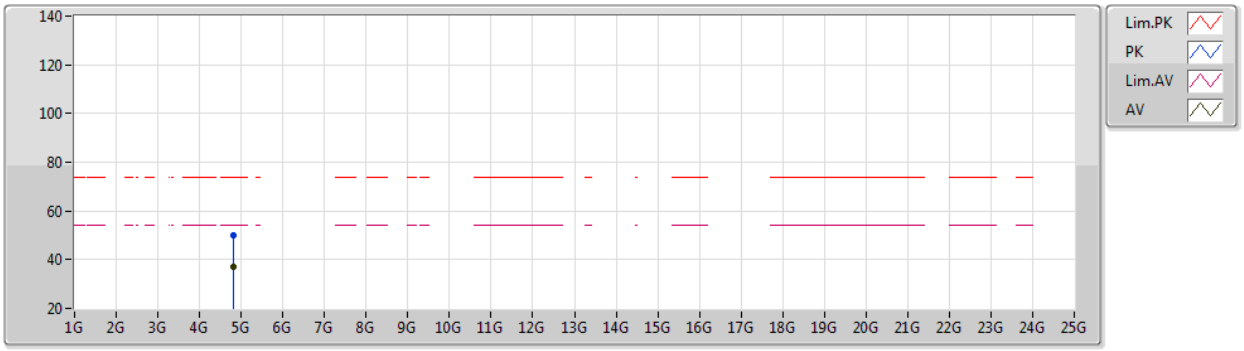
EUT Y_4TX
Setting 40
06-F-K-4

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	66.25	74.00	-7.75	32.87	3	Horizontal	167	2.05	-	29.39	3.99	-
AV	2.39G	53.56	54.00	-0.44	20.17	3	Horizontal	167	2.05	-	29.39	4.00	-
PK	2.415G	121.20	Inf	-Inf	87.67	3	Horizontal	167	2.05	-	29.52	4.01	-
AV	2.4152G	111.36	Inf	-Inf	77.83	3	Horizontal	167	2.05	-	29.52	4.01	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

12/08/2020



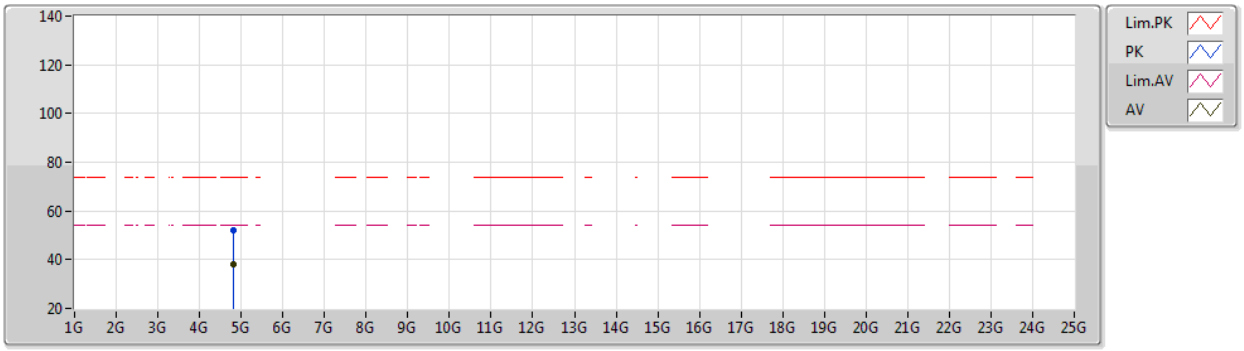
EUT Y_4TX
Setting 40
06-F-K-4

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	4.8258G	50.17	74.00	-23.83	43.03	3	Vertical	360	1.77	-	33.53	5.34	31.73
AV	4.8258G	37.11	54.00	-16.89	29.97	3	Vertical	360	1.77	-	33.53	5.34	31.73

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

12/08/2020



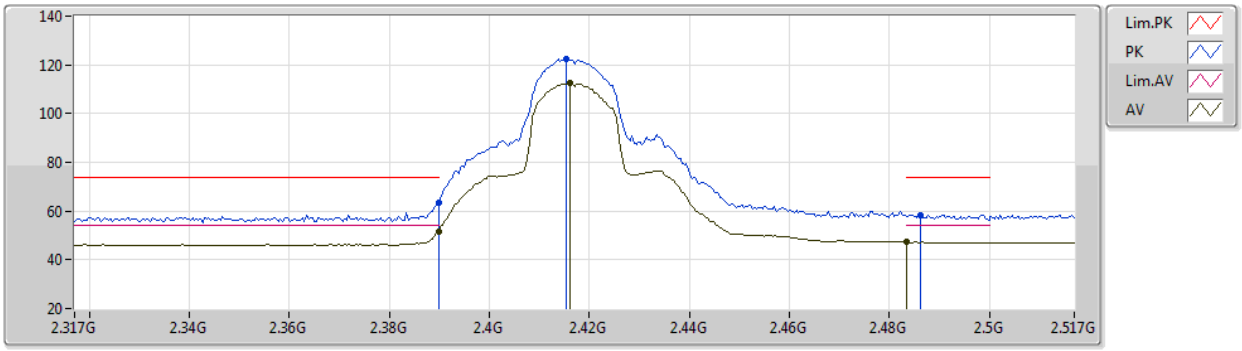
EUT Y_4TX
Setting 40
06-F-K-4

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	4.82344G	52.08	74.00	-21.92	44.96	3	Horizontal	353	1.75	-	33.52	5.33	31.73
AV	4.8244G	38.24	54.00	-15.76	31.12	3	Horizontal	353	1.75	-	33.52	5.33	31.73

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

12/08/2020



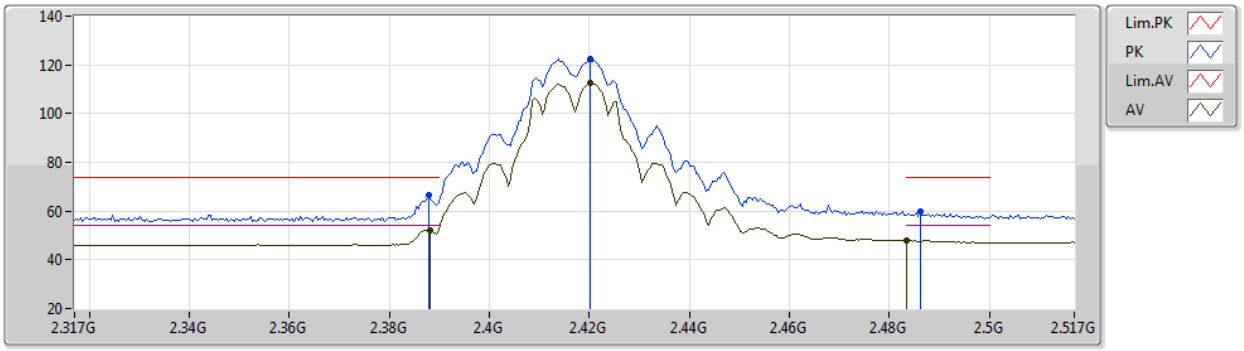
EUT Y_4TX
Setting 45
06-F-K-4

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	63.61	74.00	-10.39	30.23	3	Vertical	311	1.80	-	29.39	3.99	-
AV	2.3898G	51.81	54.00	-2.19	18.43	3	Vertical	311	1.80	-	29.39	3.99	-
PK	2.4154G	122.41	Inf	-Inf	88.88	3	Vertical	311	1.80	-	29.52	4.01	-
AV	2.4162G	112.51	Inf	-Inf	78.97	3	Vertical	311	1.80	-	29.53	4.01	-
PK	2.4862G	58.47	74.00	-15.53	24.34	3	Vertical	311	1.80	-	30.09	4.04	-
AV	2.4835G	47.22	54.00	-6.78	13.11	3	Vertical	311	1.80	-	30.07	4.04	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

12/08/2020



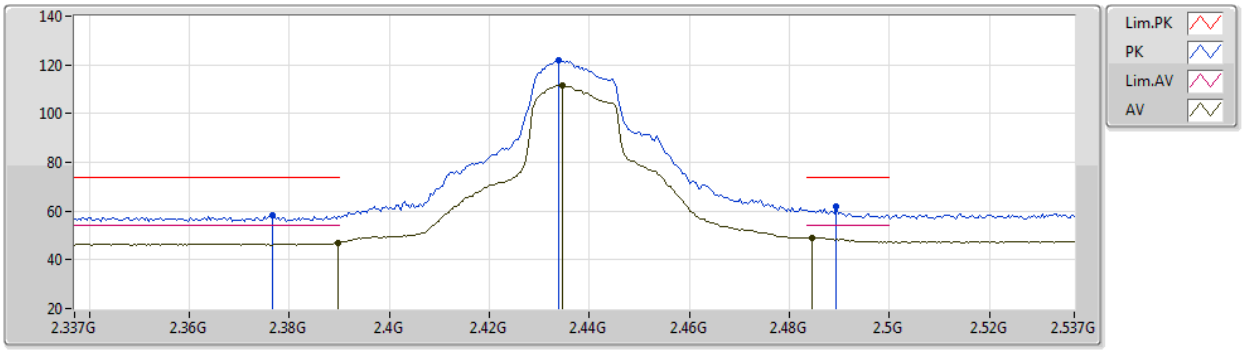
EUT Y_4TX
Setting 45
06-F-K-4

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	66.55	74.00	-7.45	33.17	3	Horizontal	348	1.80	-	29.39	3.99	-
AV	2.3882G	52.26	54.00	-1.74	18.88	3	Horizontal	348	1.80	-	29.39	3.99	-
PK	2.4202G	122.42	Inf	-Inf	88.85	3	Horizontal	348	1.80	-	29.56	4.01	-
AV	2.4202G	112.65	Inf	-Inf	79.08	3	Horizontal	348	1.80	-	29.56	4.01	-
PK	2.4862G	59.73	74.00	-14.27	25.60	3	Horizontal	348	1.80	-	30.09	4.04	-
AV	2.4835G	47.79	54.00	-6.21	13.68	3	Horizontal	348	1.80	-	30.07	4.04	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

12/08/2020



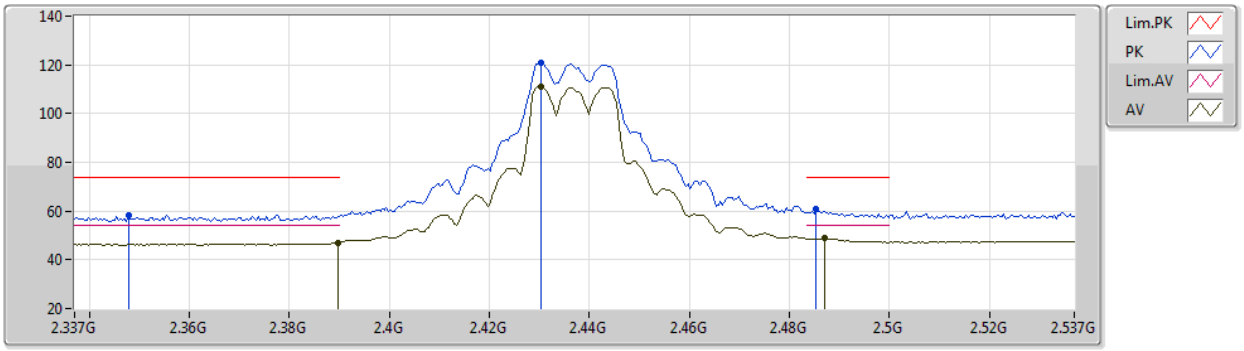
EUT Y_4TX
Setting 46
06-F-K-4

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	2.3766G	58.21	74.00	-15.79	24.84	3	Vertical	0	1.80	-	29.38	3.99	-
AV	2.3898G	46.82	54.00	-7.18	13.44	3	Vertical	0	1.80	-	29.39	3.99	-
PK	2.4338G	122.14	Inf	-Inf	88.45	3	Vertical	0	1.80	-	29.67	4.02	-
AV	2.4346G	111.70	Inf	-Inf	78.00	3	Vertical	0	1.80	-	29.68	4.02	-
PK	2.4894G	61.81	74.00	-12.19	27.65	3	Vertical	0	1.80	-	30.12	4.04	-
AV	2.4846G	49.13	54.00	-4.87	15.01	3	Vertical	0	1.80	-	30.08	4.04	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

12/08/2020



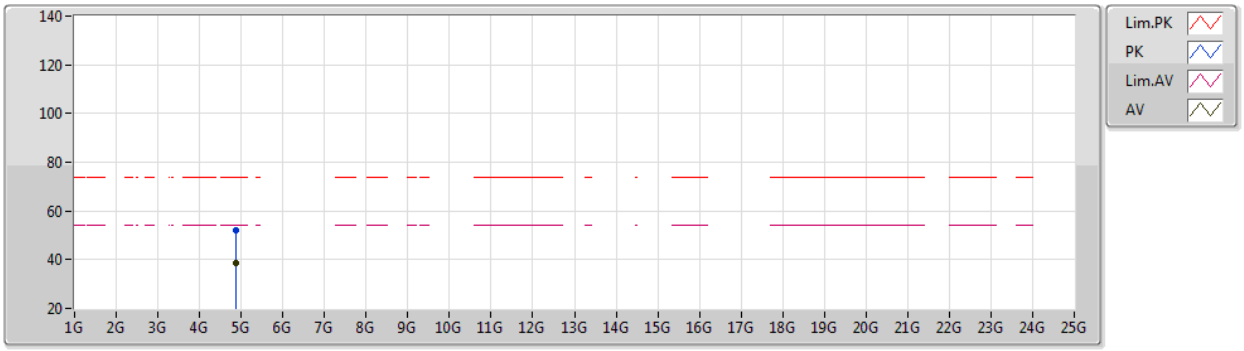
EUT Y_4TX
Setting 46
06-F-K-4

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	2.3478G	58.42	74.00	-15.58	25.10	3	Horizontal	6	1.80	-	29.35	3.97	-
AV	2.3898G	46.98	54.00	-7.02	13.60	3	Horizontal	6	1.80	-	29.39	3.99	-
PK	2.4302G	120.85	Inf	-Inf	87.19	3	Horizontal	6	1.80	-	29.64	4.02	-
AV	2.4302G	111.16	Inf	-Inf	77.50	3	Horizontal	6	1.80	-	29.64	4.02	-
PK	2.4854G	60.85	74.00	-13.15	26.73	3	Horizontal	6	1.80	-	30.08	4.04	-
AV	2.487G	48.72	54.00	-5.28	14.58	3	Horizontal	6	1.80	-	30.10	4.04	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

12/08/2020



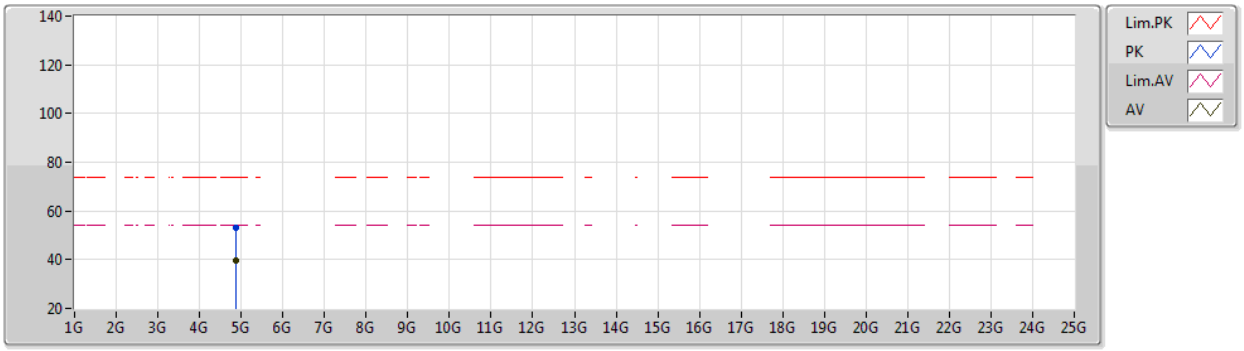
EUT Y_4TX
Setting 46
06-F-K-4

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	4.87812G	52.23	74.00	-21.77	44.70	3	Vertical	360	1.80	-	33.79	5.41	31.67
AV	4.87708G	38.51	54.00	-15.49	30.98	3	Vertical	360	1.80	-	33.79	5.41	31.67

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

12/08/2020



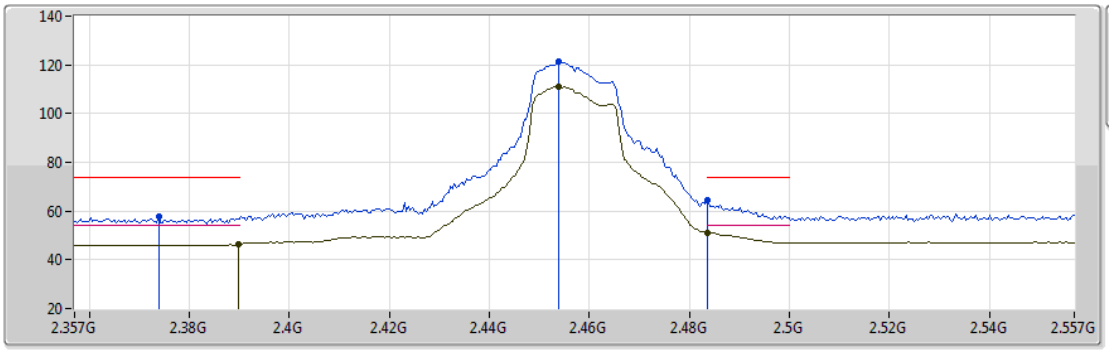
EUT Y_4TX
Setting 46
06-F-K-4

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	4.87584G	53.12	74.00	-20.88	45.60	3	Horizontal	354	1.82	-	33.78	5.41	31.67
AV	4.8762G	39.71	54.00	-14.29	32.19	3	Horizontal	354	1.82	-	33.78	5.41	31.67

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

12/08/2020



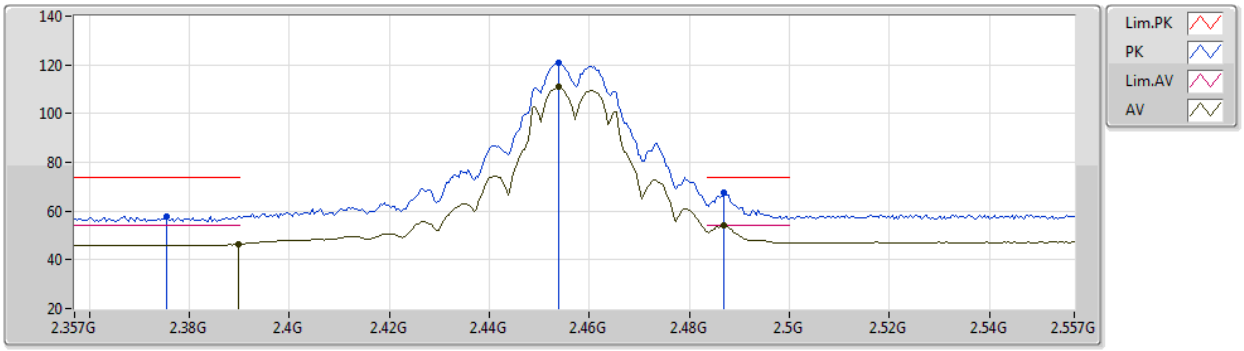
EUT Y_4TX
Setting 43
06-F-K-4

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	2.3738G	57.87	74.00	-16.13	24.51	3	Vertical	360	1.61	-	29.37	3.99	-
AV	2.3898G	46.25	54.00	-7.75	12.87	3	Vertical	360	1.61	-	29.39	3.99	-
PK	2.4538G	121.35	Inf	-Inf	87.49	3	Vertical	360	1.61	-	29.83	4.03	-
AV	2.4538G	111.23	Inf	-Inf	77.37	3	Vertical	360	1.61	-	29.83	4.03	-
PK	2.4835G	64.57	74.00	-9.43	30.46	3	Vertical	360	1.61	-	30.07	4.04	-
AV	2.4835G	51.23	54.00	-2.77	17.12	3	Vertical	360	1.61	-	30.07	4.04	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

12/08/2020



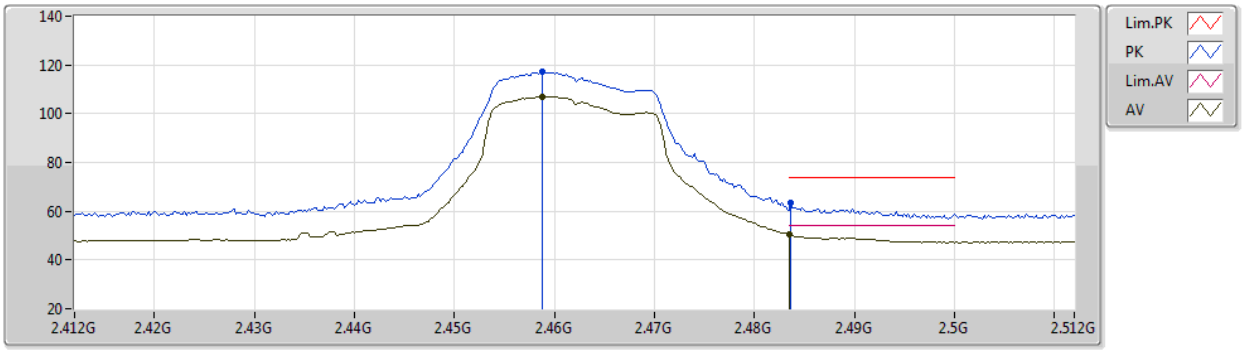
EUT Y_4TX
Setting 43
06-F-K-4

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	2.3754G	57.72	74.00	-16.28	24.35	3	Horizontal	347	1.93	-	29.38	3.99	-
AV	2.3898G	46.35	54.00	-7.65	12.97	3	Horizontal	347	1.93	-	29.39	3.99	-
PK	2.4538G	121.00	Inf	-Inf	87.14	3	Horizontal	347	1.93	-	29.83	4.03	-
AV	2.4538G	110.88	Inf	-Inf	77.02	3	Horizontal	347	1.93	-	29.83	4.03	-
PK	2.487G	67.61	74.00	-6.39	33.47	3	Horizontal	347	1.93	-	30.10	4.04	-
AV	2.487G	53.99	54.00	-0.01	19.85	3	Horizontal	347	1.93	-	30.10	4.04	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

12/08/2020



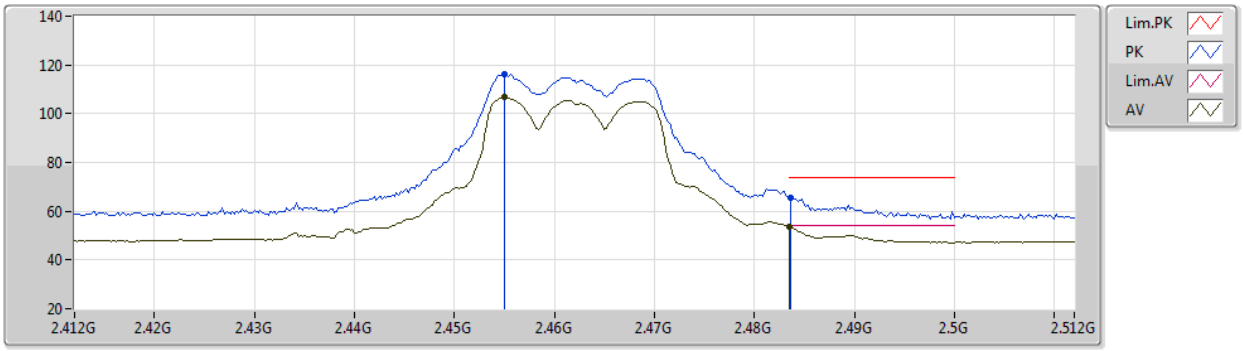
EUT Y_4TX
Setting 34
06-F-K-4

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	2.4588G	117.50	Inf	-Inf	83.60	3	Vertical	360	1.60	-	29.87	4.03	-
AV	2.4588G	107.03	Inf	-Inf	73.13	3	Vertical	360	1.60	-	29.87	4.03	-
PK	2.4836G	63.35	74.00	-10.65	29.24	3	Vertical	360	1.60	-	30.07	4.04	-
AV	2.4835G	50.30	54.00	-3.70	16.19	3	Vertical	360	1.60	-	30.07	4.04	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

12/08/2020



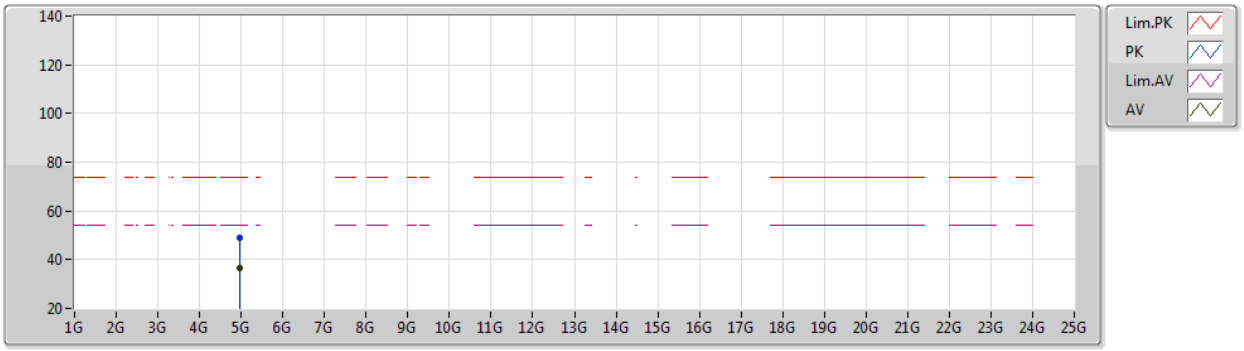
EUT Y_4TX
Setting 34
06-F-K-4

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	2.455G	116.26	Inf	-Inf	82.39	3	Horizontal	7	1.93	-	29.84	4.03	-
AV	2.455G	106.65	Inf	-Inf	72.78	3	Horizontal	7	1.93	-	29.84	4.03	-
PK	2.4836G	65.50	74.00	-8.50	31.39	3	Horizontal	7	1.93	-	30.07	4.04	-
AV	2.4835G	53.72	54.00	-0.28	19.61	3	Horizontal	7	1.93	-	30.07	4.04	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

12/08/2020



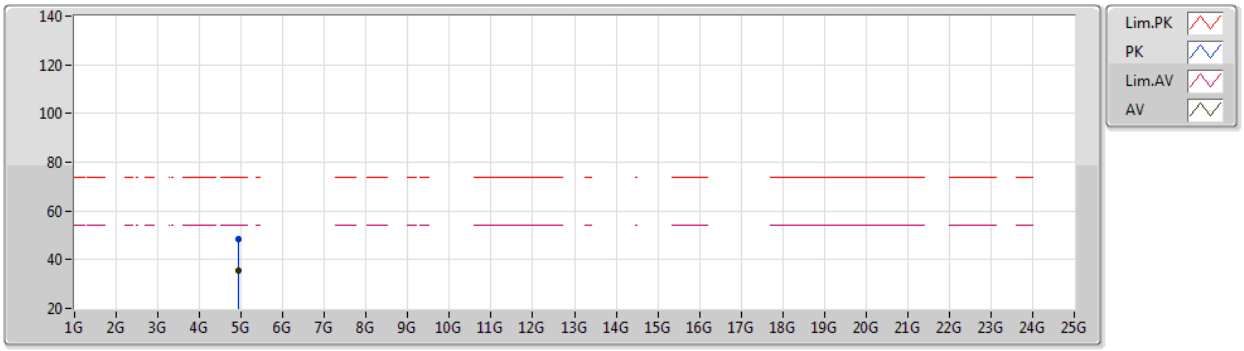
EUT Y_4TX
Setting 34
06-F-K-4

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	4.9724G	49.11	74.00	-24.89	41.14	3	Vertical	214	2.24	-	33.97	5.56	31.56
AV	4.9602G	36.58	54.00	-17.42	28.65	3	Vertical	214	2.24	-	33.96	5.54	31.57

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

12/08/2020



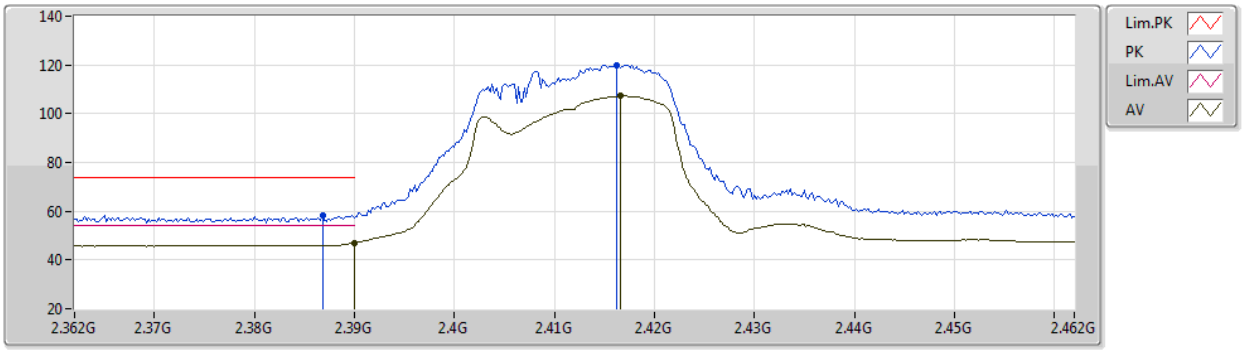
EUT Y_4TX
Setting 34
06-F-K-4

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	4.92383G	48.66	74.00	-25.34	40.87	3	Horizontal	359	2.41	-	33.92	5.48	31.61
AV	4.92398G	35.74	54.00	-18.26	27.95	3	Horizontal	359	2.41	-	33.92	5.48	31.61

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

12/08/2020



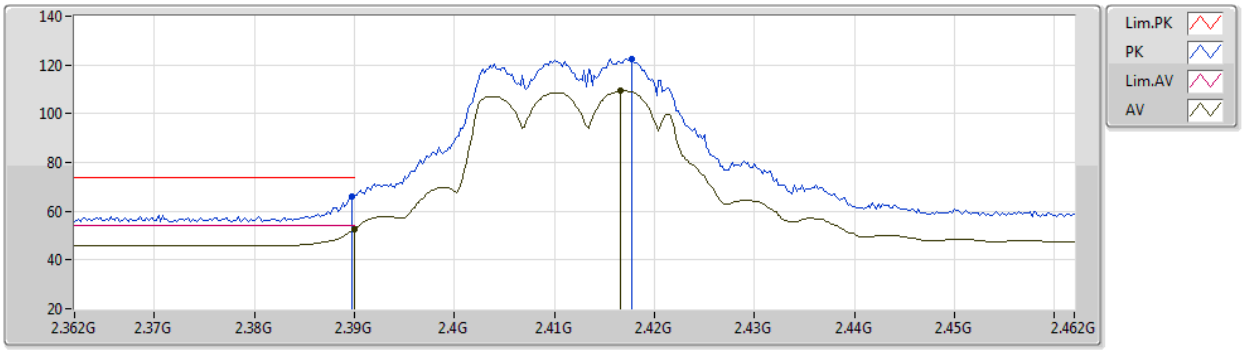
EUT Y_4TX
Setting 38
06-F-K-4

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	58.53	74.00	-15.47	25.15	3	Vertical	345	1.41	-	29.39	3.99	-
AV	2.39G	46.85	54.00	-7.15	13.46	3	Vertical	345	1.41	-	29.39	4.00	-
PK	2.4162G	119.95	Inf	-Inf	86.41	3	Vertical	345	1.41	-	29.53	4.01	-
AV	2.4166G	107.36	Inf	-Inf	73.82	3	Vertical	345	1.41	-	29.53	4.01	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

12/08/2020



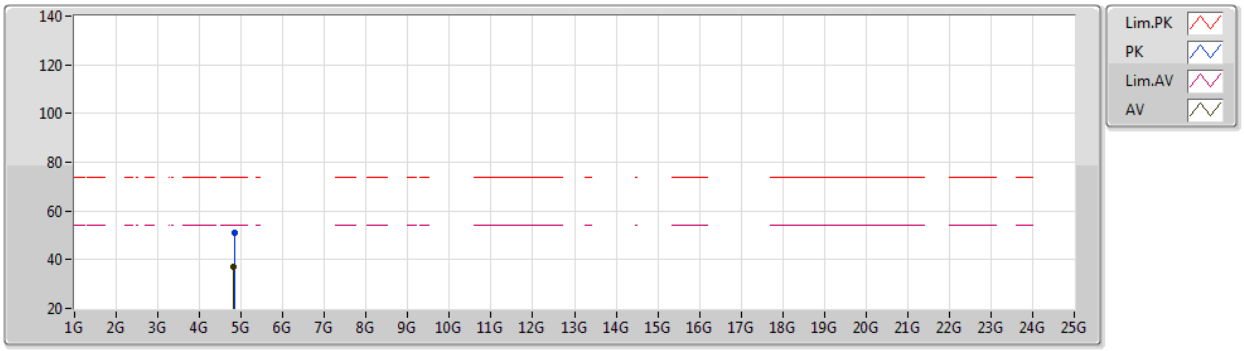
EUT Y_4TX
Setting 38
06-F-K-4

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	66.01	74.00	-7.99	32.63	3	Horizontal	358	1.72	-	29.39	3.99	-
AV	2.39G	52.79	54.00	-1.21	19.40	3	Horizontal	358	1.72	-	29.39	4.00	-
PK	2.4178G	122.44	Inf	-Inf	88.89	3	Horizontal	358	1.72	-	29.54	4.01	-
AV	2.4166G	109.59	Inf	-Inf	76.05	3	Horizontal	358	1.72	-	29.53	4.01	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

12/08/2020



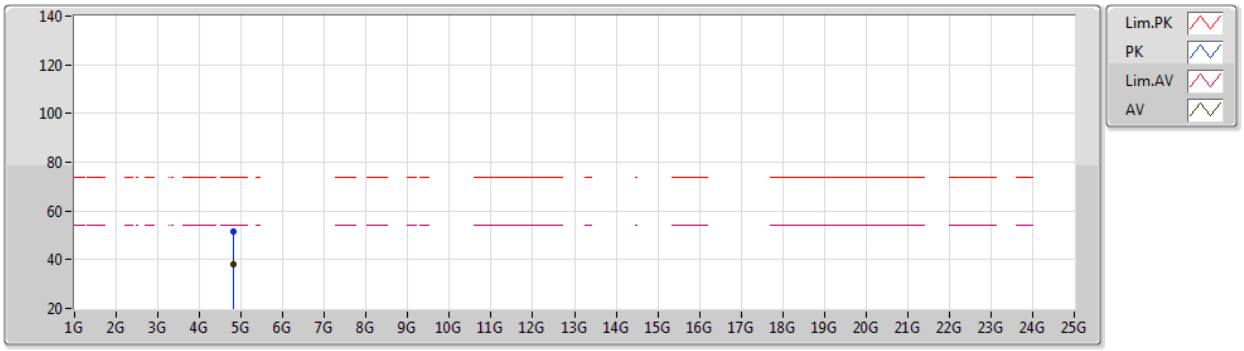
EUT Y_4TX
Setting 38
06-F-O-1

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	4.8316G	50.83	74.00	-23.17	43.65	3	Vertical	6	1.86	-	33.56	5.34	31.72
AV	4.8148G	36.87	54.00	-17.13	29.82	3	Vertical	6	1.86	-	33.47	5.32	31.74

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

12/08/2020



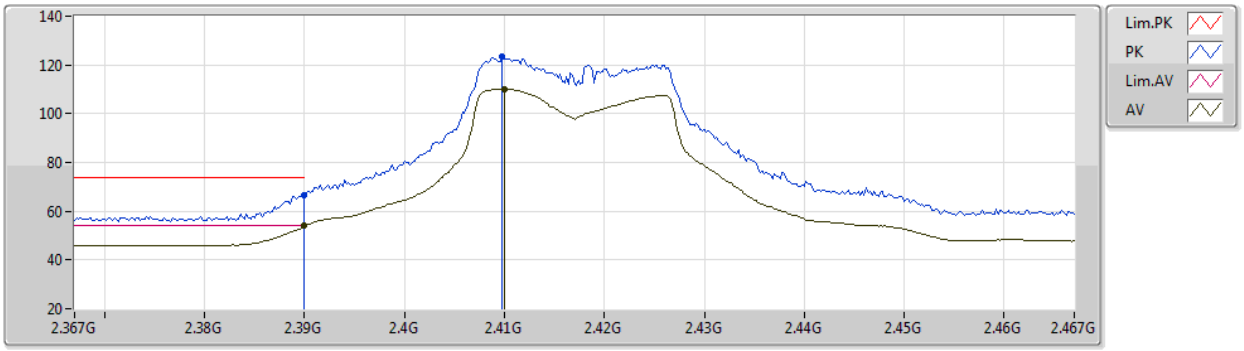
EUT Y_4TX
Setting 38
06-F-O-1

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	4.8184G	51.41	74.00	-22.59	44.33	3	Horizontal	360	1.73	-	33.49	5.33	31.74
AV	4.8204G	38.17	54.00	-15.83	31.08	3	Horizontal	360	1.73	-	33.50	5.33	31.74

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

12/08/2020



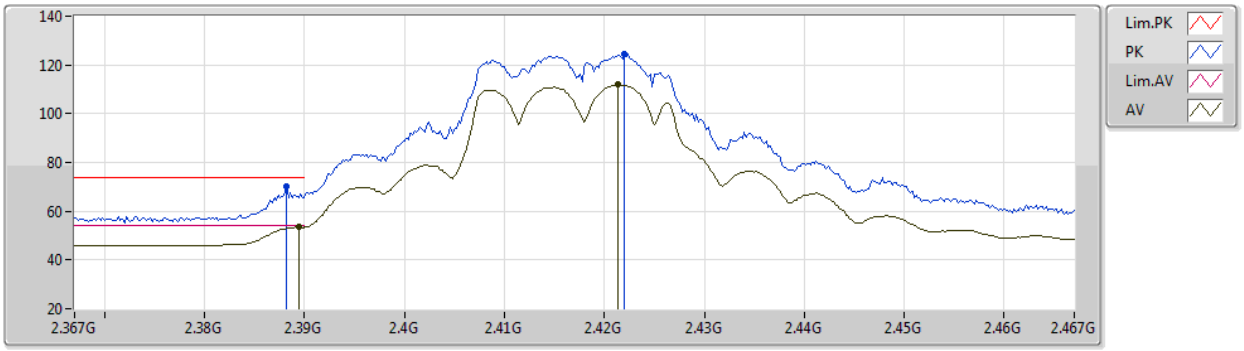
EUT Y_4TX
Setting 43
06-F-K-4

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	66.43	74.00	-7.57	33.04	3	Vertical	310	1.87	-	29.39	4.00	-
AV	2.39G	53.93	54.00	-0.07	20.54	3	Vertical	310	1.87	-	29.39	4.00	-
PK	2.4098G	123.51	Inf	-Inf	90.03	3	Vertical	310	1.87	-	29.48	4.00	-
AV	2.41G	110.21	Inf	-Inf	76.73	3	Vertical	310	1.87	-	29.48	4.00	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

12/08/2020



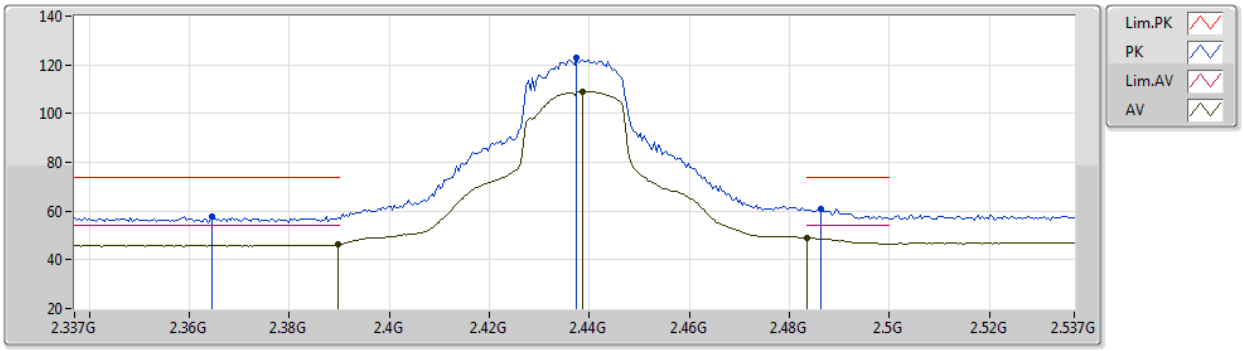
EUT Y_4TX
Setting 43
06-F-K-4

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	70.37	74.00	-3.63	36.99	3	Horizontal	355	1.72	-	29.39	3.99	-
AV	2.3894G	53.56	54.00	-0.44	20.18	3	Horizontal	355	1.72	-	29.39	3.99	-
PK	2.422G	124.61	Inf	-Inf	91.02	3	Horizontal	355	1.72	-	29.58	4.01	-
AV	2.4214G	111.95	Inf	-Inf	78.37	3	Horizontal	355	1.72	-	29.57	4.01	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

12/08/2020



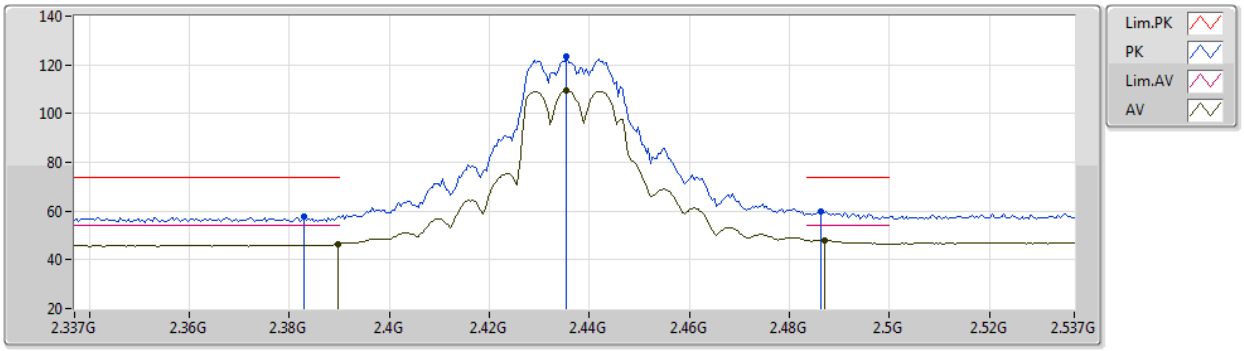
EUT Y_4TX
Setting 46
06-F-K-4

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	2.3646G	57.79	74.00	-16.21	24.45	3	Vertical	0	1.78	-	29.36	3.98	-
AV	2.3898G	46.26	54.00	-7.74	12.88	3	Vertical	0	1.78	-	29.39	3.99	-
PK	2.4374G	123.15	Inf	-Inf	89.43	3	Vertical	0	1.78	-	29.70	4.02	-
AV	2.4386G	109.05	Inf	-Inf	75.32	3	Vertical	0	1.78	-	29.71	4.02	-
PK	2.4862G	60.99	74.00	-13.01	26.86	3	Vertical	0	1.78	-	30.09	4.04	-
AV	2.4835G	48.93	54.00	-5.07	14.82	3	Vertical	0	1.78	-	30.07	4.04	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

12/08/2020



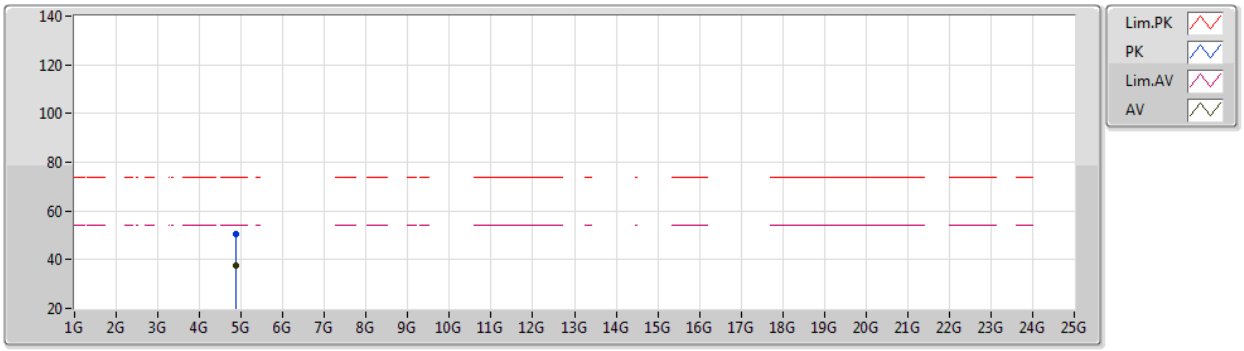
EUT Y_4TX
Setting 46
06-F-K-4

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	2.383G	57.68	74.00	-16.32	24.31	3	Horizontal	359	1.80	-	29.38	3.99	-
AV	2.3898G	46.47	54.00	-7.53	13.09	3	Horizontal	359	1.80	-	29.39	3.99	-
PK	2.4354G	123.29	Inf	-Inf	89.59	3	Horizontal	359	1.80	-	29.68	4.02	-
AV	2.4354G	109.37	Inf	-Inf	75.67	3	Horizontal	359	1.80	-	29.68	4.02	-
PK	2.4862G	60.04	74.00	-13.96	25.91	3	Horizontal	359	1.80	-	30.09	4.04	-
AV	2.487G	48.00	54.00	-6.00	13.86	3	Horizontal	359	1.80	-	30.10	4.04	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

12/08/2020



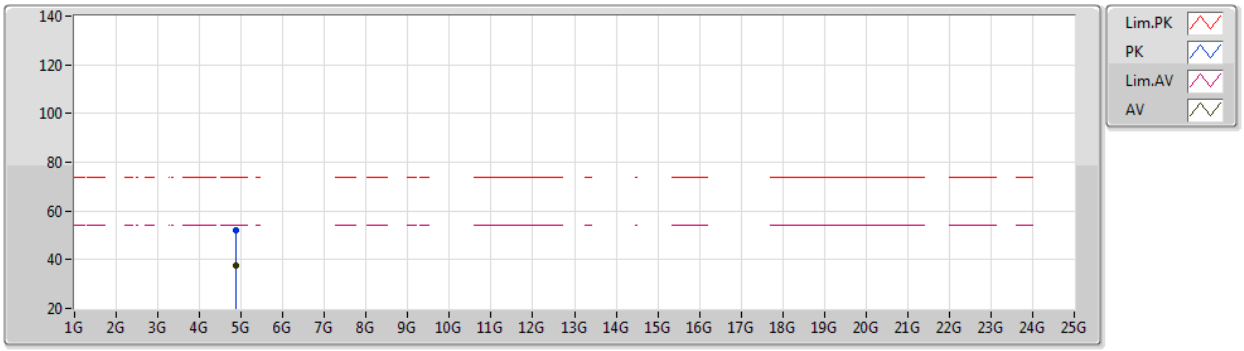
EUT Y_4TX
Setting 46
06-F-O-1

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	4.8746G	50.76	74.00	-23.24	43.26	3	Vertical	40	1.92	-	33.77	5.40	31.67
AV	4.8797G	37.37	54.00	-16.63	29.82	3	Vertical	40	1.92	-	33.80	5.41	31.66

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

12/08/2020



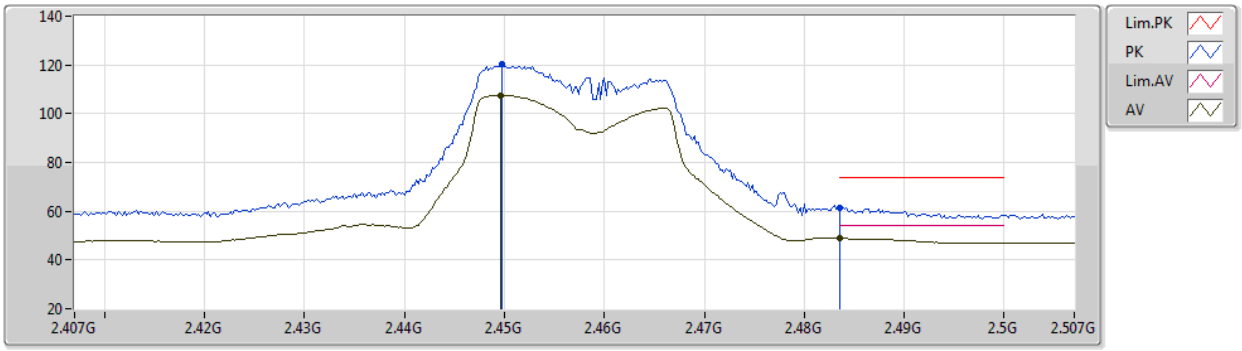
EUT Y_4TX
Setting 46
06-F-O-1

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	4.872G	51.88	74.00	-22.12	44.39	3	Horizontal	354	1.76	-	33.76	5.40	31.67
AV	4.8709G	37.57	54.00	-16.43	30.09	3	Horizontal	354	1.76	-	33.75	5.40	31.67

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

12/08/2020



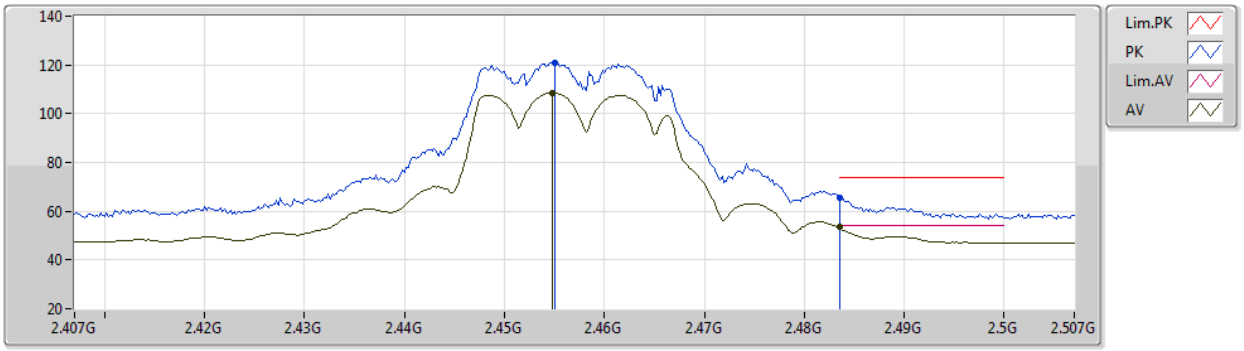
EUT Y_4TX
Setting 40
06-F-K-4

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	2.4498G	120.40	Inf	-Inf	86.58	3	Vertical	306	1.77	-	29.80	4.02	-
AV	2.4496G	107.51	Inf	-Inf	73.69	3	Vertical	306	1.77	-	29.80	4.02	-
PK	2.4835G	61.55	74.00	-12.45	27.44	3	Vertical	306	1.77	-	30.07	4.04	-
AV	2.4836G	48.91	54.00	-5.09	14.80	3	Vertical	306	1.77	-	30.07	4.04	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

12/08/2020



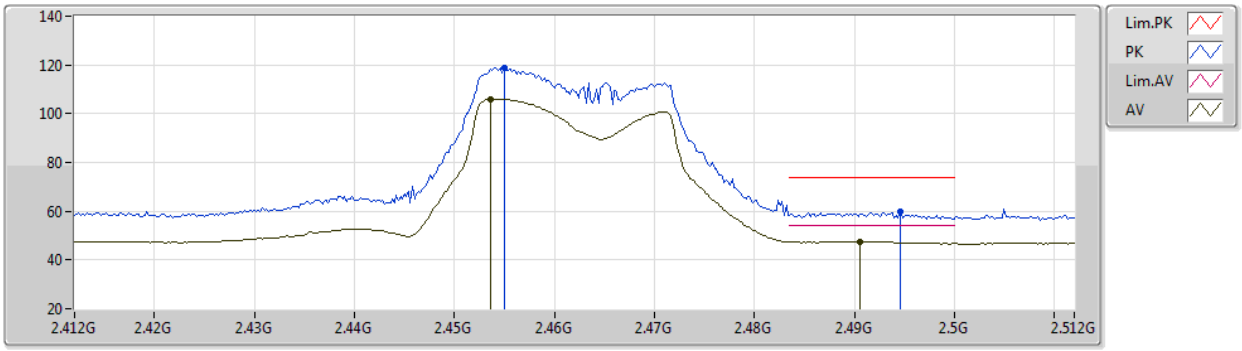
EUT Y_4TX
Setting 40
06-F-K-4

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	2.455G	120.83	Inf	-Inf	86.96	3	Horizontal	355	1.97	-	29.84	4.03	-
AV	2.4548G	108.46	Inf	-Inf	74.59	3	Horizontal	355	1.97	-	29.84	4.03	-
PK	2.4835G	65.60	74.00	-8.40	31.49	3	Horizontal	355	1.97	-	30.07	4.04	-
AV	2.4835G	53.68	54.00	-0.32	19.57	3	Horizontal	355	1.97	-	30.07	4.04	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

12/08/2020



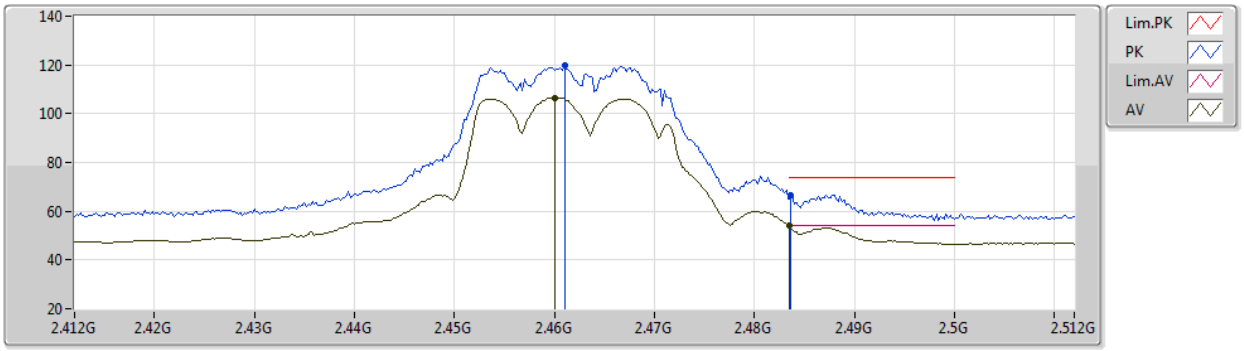
EUT Y_4TX
Setting 38
06-F-K-4

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	2.455G	118.97	Inf	-Inf	85.10	3	Vertical	304	1.73	-	29.84	4.03	-
AV	2.4536G	105.89	Inf	-Inf	72.03	3	Vertical	304	1.73	-	29.83	4.03	-
PK	2.4946G	59.76	74.00	-14.24	25.55	3	Vertical	304	1.73	-	30.16	4.05	-
AV	2.4906G	47.59	54.00	-6.41	13.42	3	Vertical	304	1.73	-	30.12	4.05	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

12/08/2020



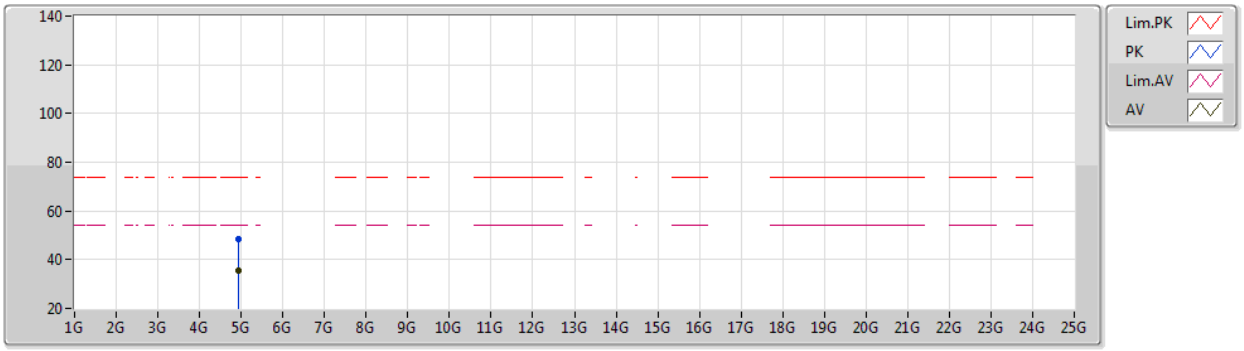
EUT Y_4TX
Setting 38
06-F-K-4

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	119.70	Inf	-Inf	85.78	3	Horizontal	357	2.00	-	29.89	4.03	-
AV	2.46G	106.55	Inf	-Inf	72.64	3	Horizontal	357	2.00	-	29.88	4.03	-
PK	2.4836G	66.79	74.00	-7.21	32.68	3	Horizontal	357	2.00	-	30.07	4.04	-
AV	2.4835G	53.94	54.00	-0.06	19.83	3	Horizontal	357	2.00	-	30.07	4.04	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

12/08/2020



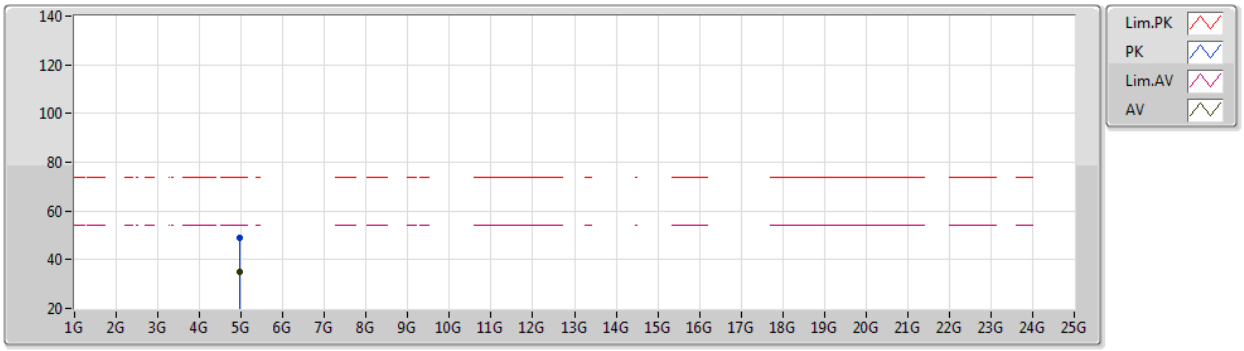
EUT Y_4TX
Setting 38
06-F-O-1

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	4.9452G	48.50	74.00	-25.50	40.63	3	Vertical	49	1.69	-	33.95	5.51	31.59
AV	4.9224G	35.77	54.00	-18.23	27.99	3	Vertical	49	1.69	-	33.92	5.48	31.62

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

12/08/2020



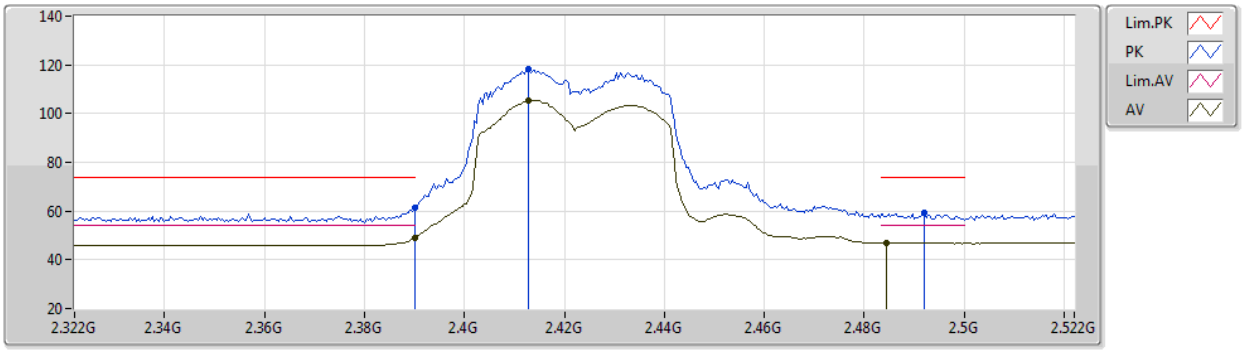
EUT Y_4TX
Setting 38
06-F-O-1

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	4.9528G	48.87	74.00	-25.13	40.98	3	Horizontal	304	1.40	-	33.95	5.52	31.58
AV	4.9628G	35.19	54.00	-18.81	27.26	3	Horizontal	304	1.40	-	33.96	5.54	31.57

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

12/08/2020



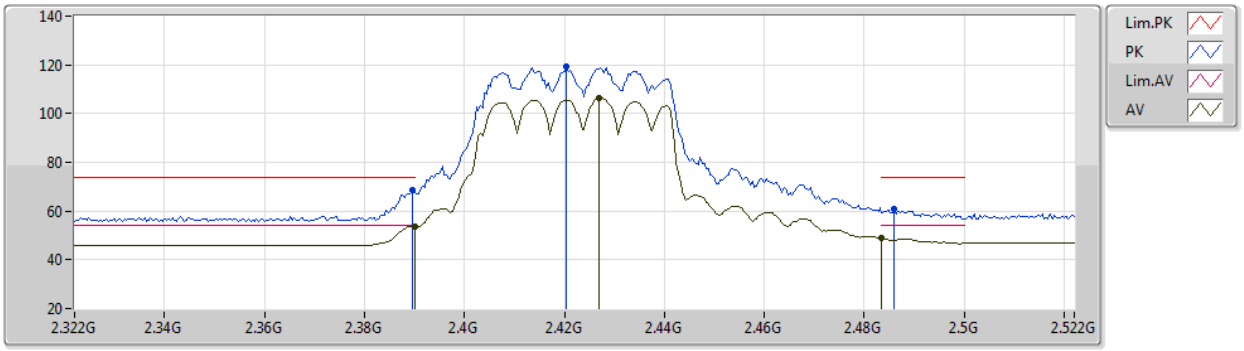
EUT Y_4TX
Setting 37
06-F-O-1

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	61.41	74.00	-12.59	28.02	3	Vertical	308	1.72	-	29.39	4.00	-
AV	2.39G	48.76	54.00	-5.24	15.37	3	Vertical	308	1.72	-	29.39	4.00	-
PK	2.4128G	118.39	Inf	-Inf	84.88	3	Vertical	308	1.72	-	29.50	4.01	-
AV	2.4128G	105.38	Inf	-Inf	71.87	3	Vertical	308	1.72	-	29.50	4.01	-
PK	2.492G	59.06	74.00	-14.94	24.87	3	Vertical	308	1.72	-	30.14	4.05	-
AV	2.4844G	47.14	54.00	-6.86	13.02	3	Vertical	308	1.72	-	30.08	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

12/08/2020



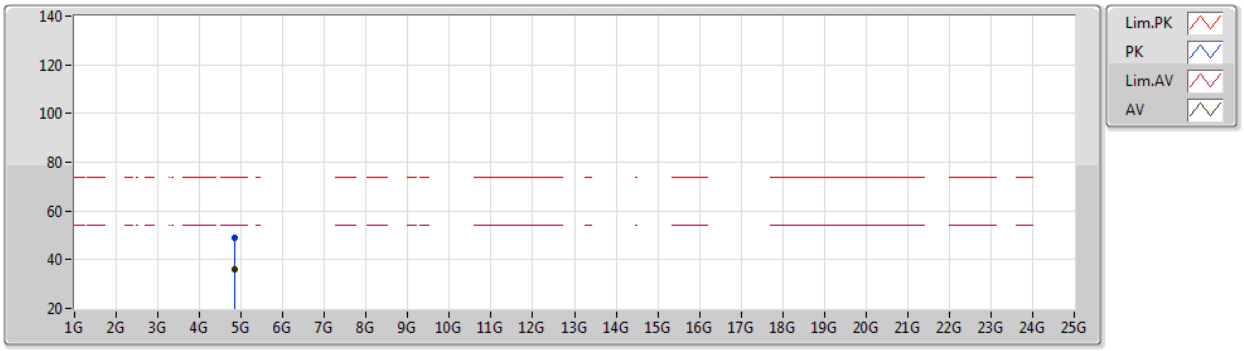
EUT Y_4TX
Setting 37
06-F-O-1

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	68.79	74.00	-5.21	35.41	3	Horizontal	0	1.68	-	29.39	3.99	-
AV	2.39G	53.85	54.00	-0.15	20.46	3	Horizontal	0	1.68	-	29.39	4.00	-
PK	2.4204G	119.33	Inf	-Inf	85.76	3	Horizontal	0	1.68	-	29.56	4.01	-
AV	2.4268G	106.32	Inf	-Inf	72.70	3	Horizontal	0	1.68	-	29.61	4.01	-
PK	2.486G	60.68	74.00	-13.32	26.55	3	Horizontal	0	1.68	-	30.09	4.04	-
AV	2.4835G	48.79	54.00	-5.21	14.68	3	Horizontal	0	1.68	-	30.07	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

12/08/2020



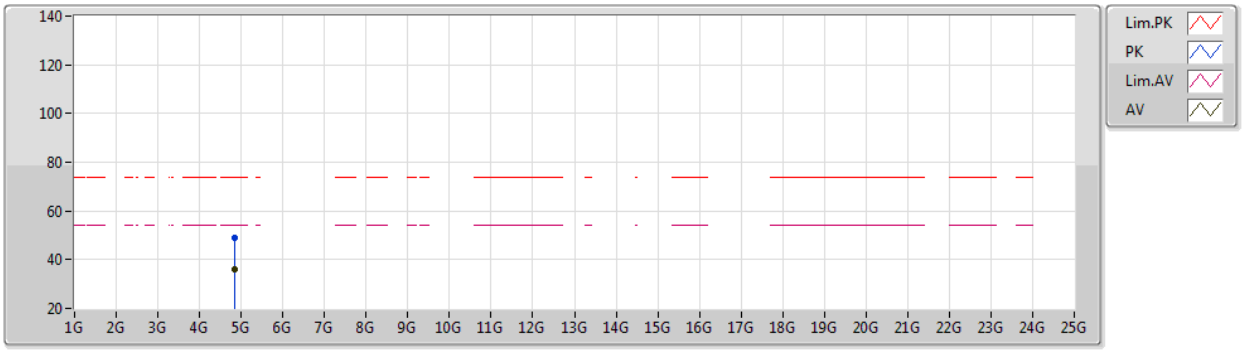
EUT Y_4TX
Setting 37
06-F-O-1

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	4.8352G	49.13	74.00	-24.87	41.92	3	Vertical	8	1.79	-	33.58	5.35	31.72
AV	4.834G	35.82	54.00	-18.18	28.62	3	Vertical	8	1.79	-	33.57	5.35	31.72

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

12/08/2020



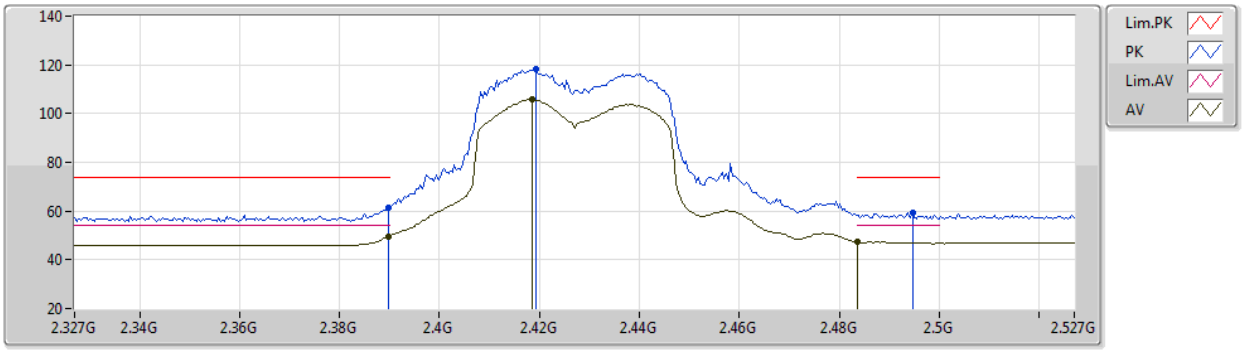
EUT Y_4TX
Setting 37
06-F-O-1

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	4.8368G	48.78	74.00	-25.22	41.57	3	Horizontal	360	1.93	-	33.58	5.35	31.72
AV	4.8404G	36.25	54.00	-17.75	29.00	3	Horizontal	360	1.93	-	33.60	5.36	31.71

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

12/08/2020



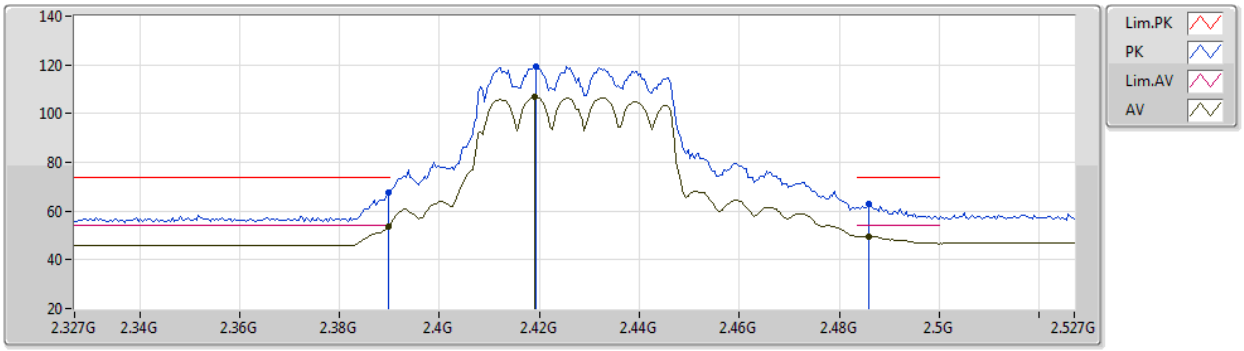
EUT Y_4TX
Setting 37
06-F-O-1

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	61.39	74.00	-12.61	28.01	3	Vertical	312	1.69	-	29.39	3.99	-
AV	2.3898G	49.41	54.00	-4.59	16.03	3	Vertical	312	1.69	-	29.39	3.99	-
PK	2.4194G	118.27	Inf	-Inf	84.70	3	Vertical	312	1.69	-	29.56	4.01	-
AV	2.4186G	105.71	Inf	-Inf	72.15	3	Vertical	312	1.69	-	29.55	4.01	-
PK	2.4946G	59.11	74.00	-14.89	24.90	3	Vertical	312	1.69	-	30.16	4.05	-
AV	2.4835G	47.43	54.00	-6.57	13.32	3	Vertical	312	1.69	-	30.07	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

12/08/2020



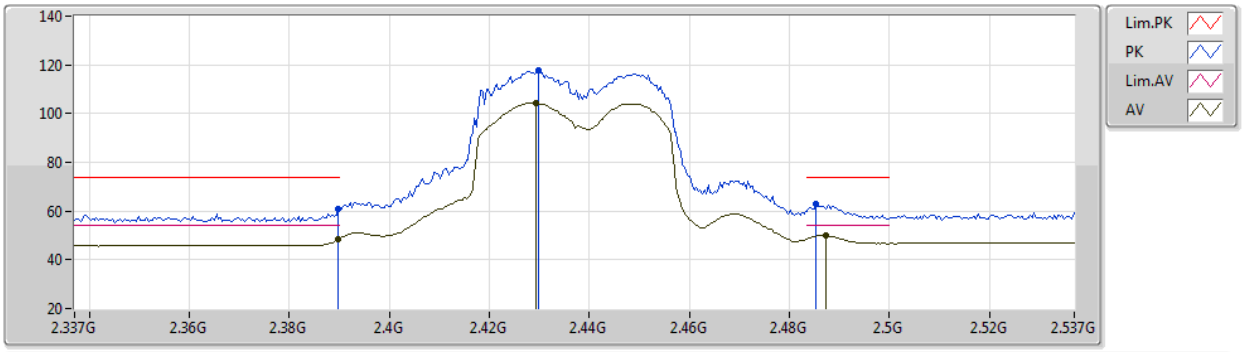
EUT Y_4TX
Setting 37
06-F-O-1

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	67.61	74.00	-6.39	34.23	3	Horizontal	1	1.53	-	29.39	3.99	-
AV	2.3898G	53.61	54.00	-0.39	20.23	3	Horizontal	1	1.53	-	29.39	3.99	-
PK	2.4194G	119.16	Inf	-Inf	85.59	3	Horizontal	1	1.53	-	29.56	4.01	-
AV	2.419G	106.79	Inf	-Inf	73.23	3	Horizontal	1	1.53	-	29.55	4.01	-
PK	2.4858G	63.09	74.00	-10.91	28.96	3	Horizontal	1	1.53	-	30.09	4.04	-
AV	2.4858G	49.74	54.00	-4.26	15.61	3	Horizontal	1	1.53	-	30.09	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

12/08/2020



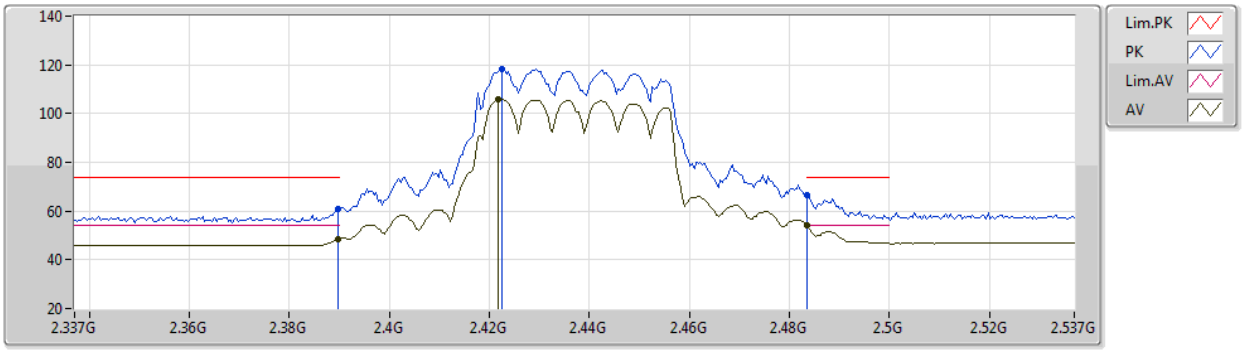
EUT Y_4TX
Setting 36
06-F-O-1

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	60.81	74.00	-13.19	27.43	3	Vertical	307	1.89	-	29.39	3.99	-
AV	2.3898G	48.34	54.00	-5.66	14.96	3	Vertical	307	1.89	-	29.39	3.99	-
PK	2.4298G	117.64	Inf	-Inf	83.99	3	Vertical	307	1.89	-	29.64	4.01	-
AV	2.4294G	104.49	Inf	-Inf	70.84	3	Vertical	307	1.89	-	29.64	4.01	-
PK	2.4854G	62.72	74.00	-11.28	28.60	3	Vertical	307	1.89	-	30.08	4.04	-
AV	2.4874G	49.97	54.00	-4.03	15.83	3	Vertical	307	1.89	-	30.10	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

12/08/2020



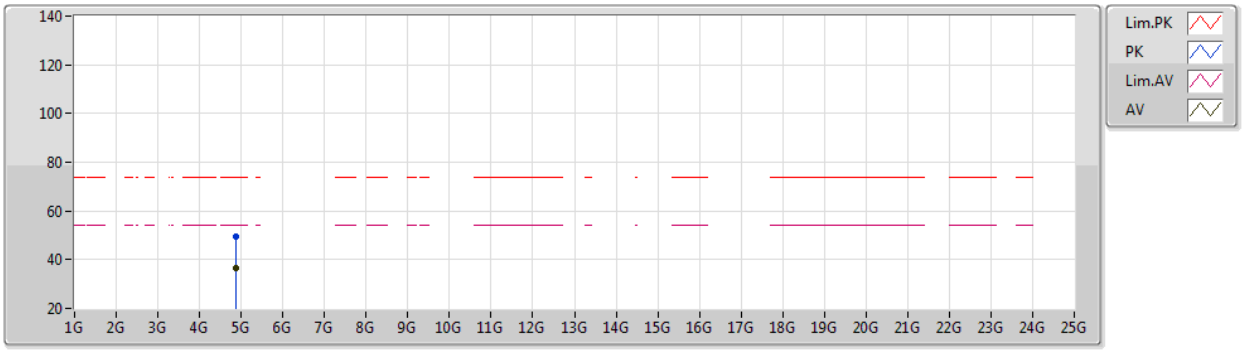
EUT Y_4TX
Setting 36
06-F-O-1

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	60.85	74.00	-13.15	27.47	3	Horizontal	0	1.72	-	29.39	3.99	-
AV	2.3898G	48.56	54.00	-5.44	15.18	3	Horizontal	0	1.72	-	29.39	3.99	-
PK	2.4226G	118.40	Inf	-Inf	84.81	3	Horizontal	0	1.72	-	29.58	4.01	-
AV	2.4218G	106.01	Inf	-Inf	72.43	3	Horizontal	0	1.72	-	29.57	4.01	-
PK	2.4835G	66.34	74.00	-7.66	32.23	3	Horizontal	0	1.72	-	30.07	4.04	-
AV	2.4835G	53.92	54.00	-0.08	19.81	3	Horizontal	0	1.72	-	30.07	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

12/08/2020



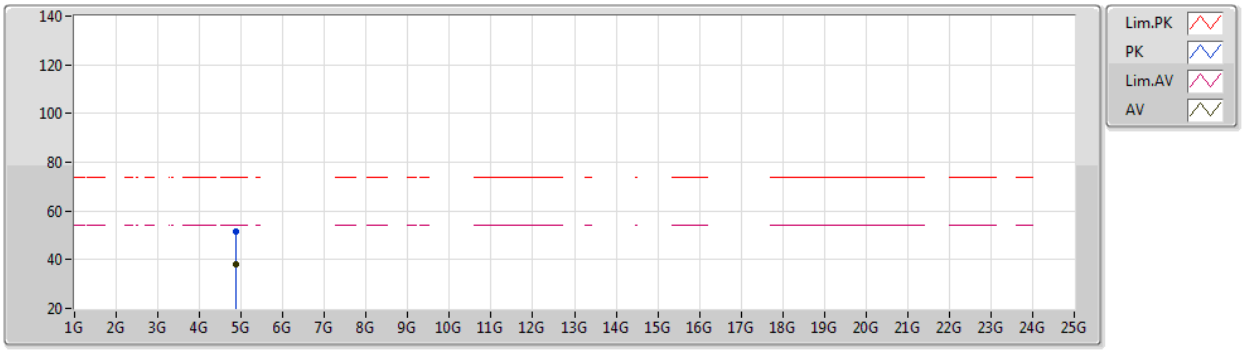
EUT Y_4TX
Setting 36
06-F-O-1

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	4.8802G	49.54	74.00	-24.46	41.99	3	Vertical	7	1.80	-	33.80	5.41	31.66
AV	4.8831G	36.36	54.00	-17.64	28.78	3	Vertical	7	1.80	-	33.82	5.42	31.66

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

12/08/2020



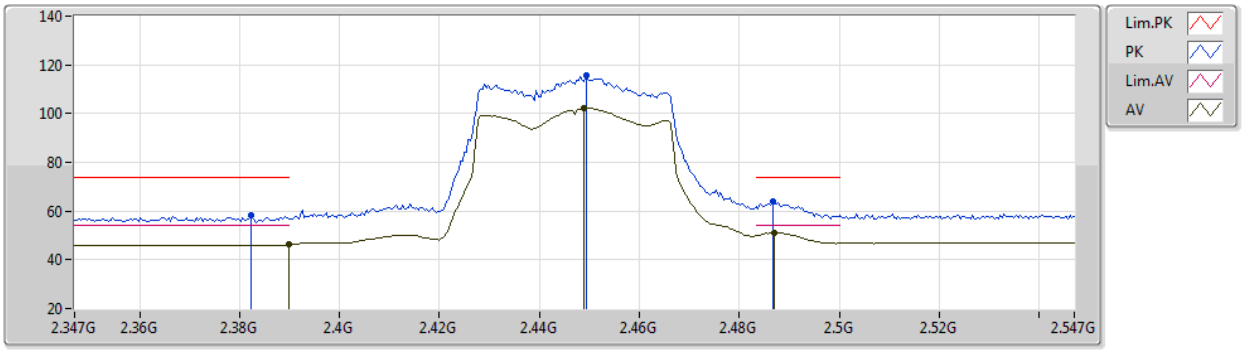
EUT Y_4TX
Setting 36
06-F-O-1

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	4.8705G	51.74	74.00	-22.26	44.27	3	Horizontal	354	1.79	-	33.75	5.40	31.68
AV	4.8727G	37.93	54.00	-16.07	30.44	3	Horizontal	354	1.79	-	33.76	5.40	31.67

802.11ax HEW40_Nss1,(MCS0)_4TX

2447MHz_TX

12/08/2020



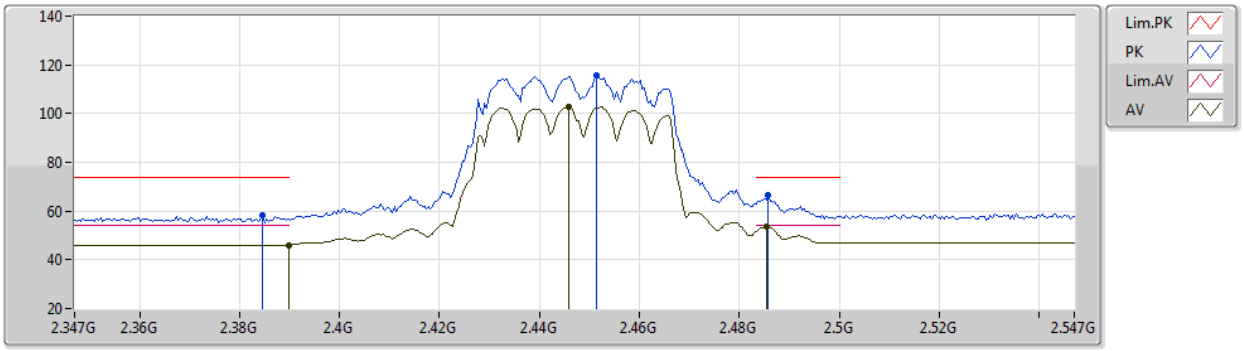
EUT Y_4TX
Setting 31
06-F-O-1

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	2.3822G	58.09	74.00	-15.91	24.72	3	Vertical	0	1.57	-	29.38	3.99	-
AV	2.3898G	46.16	54.00	-7.84	12.78	3	Vertical	0	1.57	-	29.39	3.99	-
PK	2.4494G	115.73	Inf	-Inf	81.91	3	Vertical	0	1.57	-	29.80	4.02	-
AV	2.449G	102.18	Inf	-Inf	68.37	3	Vertical	0	1.57	-	29.79	4.02	-
PK	2.4866G	63.99	74.00	-10.01	29.86	3	Vertical	0	1.57	-	30.09	4.04	-
AV	2.487G	50.99	54.00	-3.01	16.85	3	Vertical	0	1.57	-	30.10	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2447MHz_TX

12/08/2020



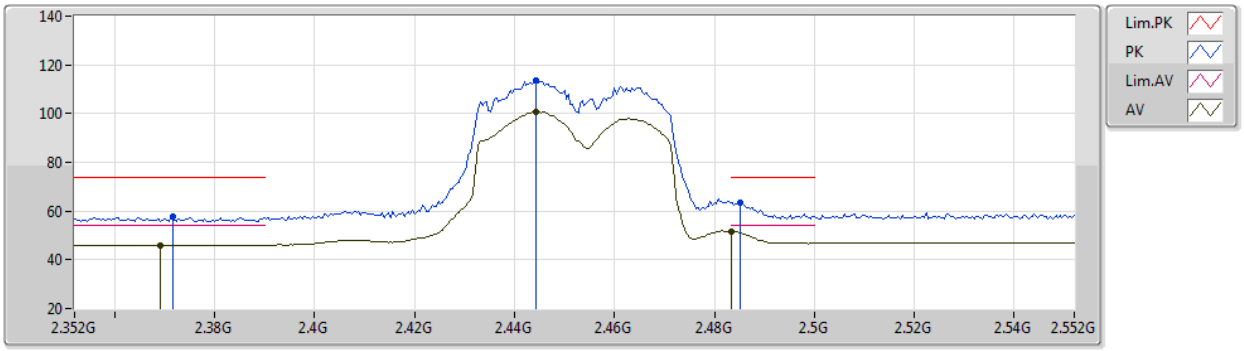
EUT Y_4TX
Setting 31
06-F-O-1

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	2.3846G	58.02	74.00	-15.98	24.65	3	Horizontal	0	1.95	-	29.38	3.99	-
AV	2.3898G	46.08	54.00	-7.92	12.70	3	Horizontal	0	1.95	-	29.39	3.99	-
PK	2.4514G	115.76	Inf	-Inf	81.92	3	Horizontal	0	1.95	-	29.81	4.03	-
AV	2.4458G	102.65	Inf	-Inf	68.86	3	Horizontal	0	1.95	-	29.77	4.02	-
PK	2.4858G	66.45	74.00	-7.55	32.32	3	Horizontal	0	1.95	-	30.09	4.04	-
AV	2.4854G	53.54	54.00	-0.46	19.42	3	Horizontal	0	1.95	-	30.08	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

12/08/2020



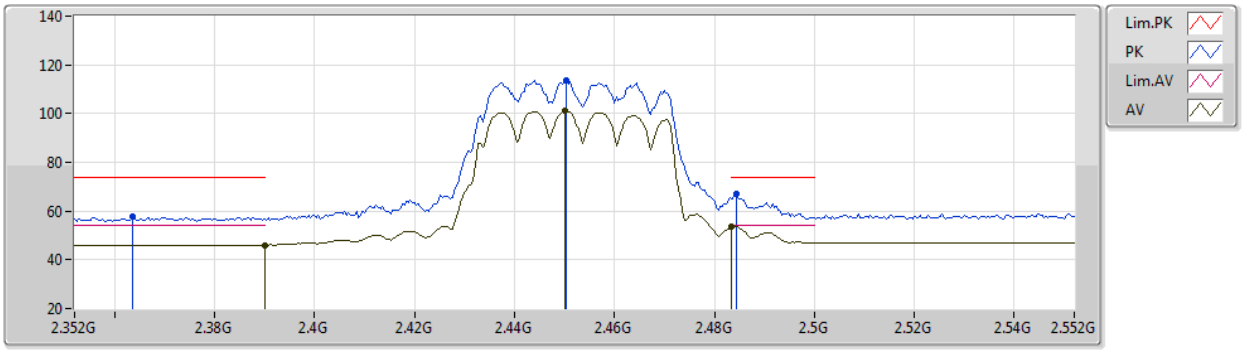
EUT Y_4TX
Setting 29
06-F-O-1

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	2.3716G	57.52	74.00	-16.48	24.16	3	Vertical	305	1.80	-	29.37	3.99	-
AV	2.3692G	46.00	54.00	-8.00	12.65	3	Vertical	305	1.80	-	29.37	3.98	-
PK	2.4444G	113.46	Inf	-Inf	79.68	3	Vertical	305	1.80	-	29.76	4.02	-
AV	2.4444G	100.64	Inf	-Inf	66.86	3	Vertical	305	1.80	-	29.76	4.02	-
PK	2.4852G	63.42	74.00	-10.58	29.30	3	Vertical	305	1.80	-	30.08	4.04	-
AV	2.4835G	51.76	54.00	-2.24	17.65	3	Vertical	305	1.80	-	30.07	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

12/08/2020

2452MHz_TX



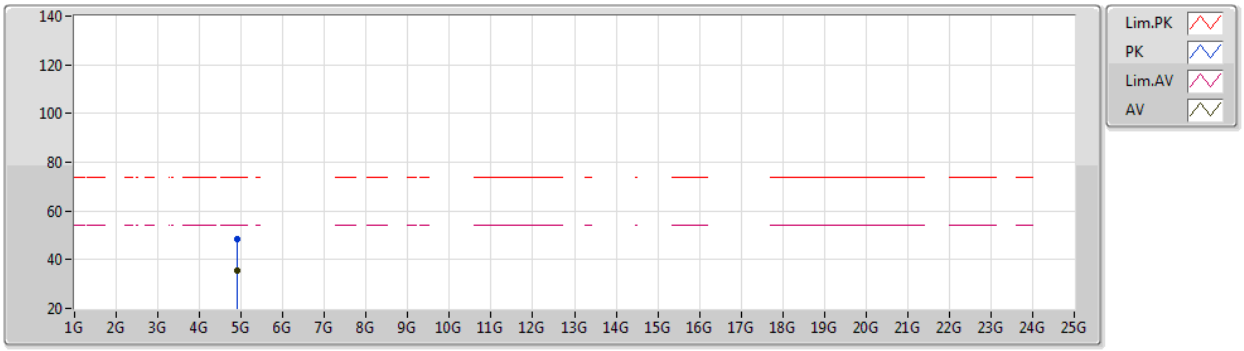
EUT Y_4TX
Setting 29
06-F-O-1

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	2.3636G	57.65	74.00	-16.35	24.31	3	Horizontal	359	2.03	-	29.36	3.98	-
AV	2.39G	45.96	54.00	-8.04	12.57	3	Horizontal	359	2.03	-	29.39	4.00	-
PK	2.4504G	113.61	Inf	-Inf	79.78	3	Horizontal	359	2.03	-	29.80	4.03	-
AV	2.45G	101.16	Inf	-Inf	67.33	3	Horizontal	359	2.03	-	29.80	4.03	-
PK	2.4844G	67.16	74.00	-6.84	33.04	3	Horizontal	359	2.03	-	30.08	4.04	-
AV	2.4835G	53.40	54.00	-0.60	19.29	3	Horizontal	359	2.03	-	30.07	4.04	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

12/08/2020



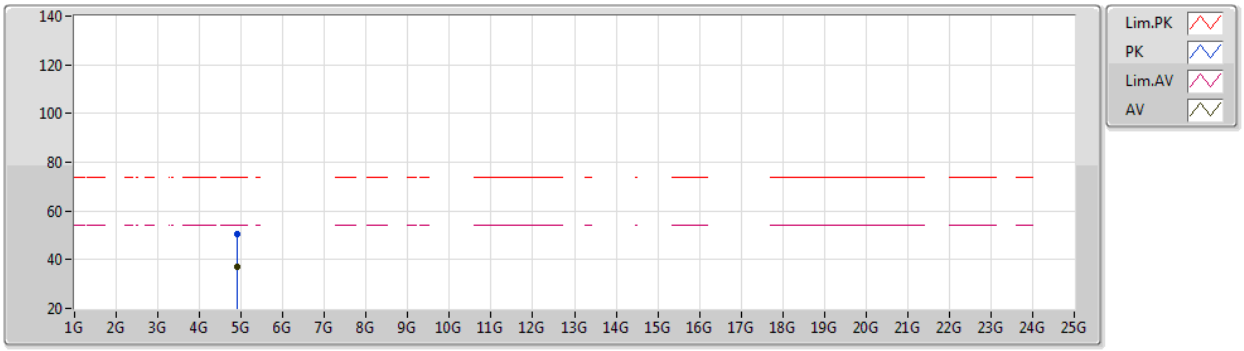
EUT Y_4TX
Setting 29
06-F-O-1

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	4.8984G	48.28	74.00	-25.72	40.59	3	Vertical	3	1.67	-	33.89	5.44	31.64
AV	4.8944G	35.53	54.00	-18.47	27.88	3	Vertical	3	1.67	-	33.87	5.43	31.65

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

12/08/2020



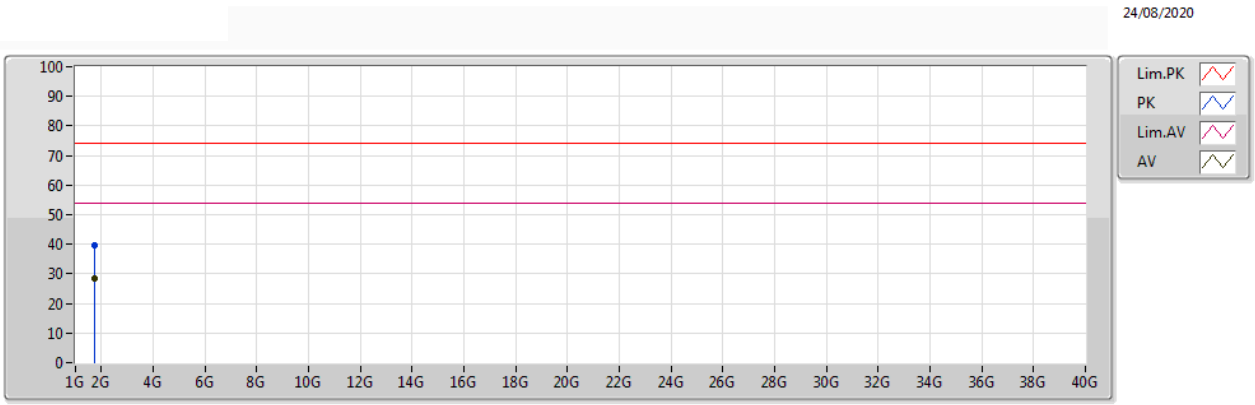
EUT Y_4TX
Setting 29
06-F-O-1

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	4.9012G	50.30	74.00	-23.70	42.60	3	Horizontal	352	1.81	-	33.90	5.44	31.64
AV	4.9032G	36.91	54.00	-17.09	29.20	3	Horizontal	352	1.81	-	33.90	5.45	31.64

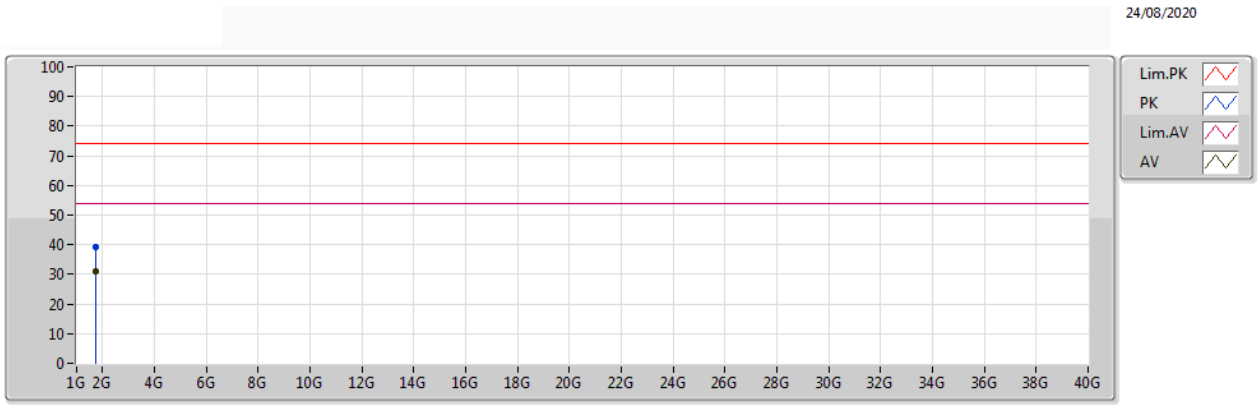
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	AV	1.73724G	30.92	54.00	-23.08	Horizontal

Test Mode: Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	1.73747G	39.51	74.00	-34.49	-5.91	3	Vertical	21	1.62	-	45.42	25.41	3.54	34.86
AV	1.737G	28.42	54.00	-25.58	-5.91	3	Vertical	21	1.62	"Worst"	34.33	25.41	3.54	34.86



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	1.73944G	39.30	74.00	-34.70	-5.89	3	Horizontal	180	1.84	-	45.19	25.42	3.55	34.86
AV	1.73724G	30.92	54.00	-23.08	-5.91	3	Horizontal	180	1.84	"Worst"	36.83	25.41	3.54	34.86