Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	UDX-600148010
Equipment	:	Wi-Fi 6 Access Point
Brand Name	:	Cisco
Model Name	:	MR28-HW,GR12-HW
Applicant	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer	:	Cisco Systems, Inc. 170 West Tasman Drive, San Jose, CA 95134 USA
Standard	:	47 CFR FCC Part 15.247

The product was received on Mar. 22, 2022, and testing was started from Apr. 01, 2022 and completed on May 11, 2022. We, Sporton International Inc. Hsinchu 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 report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR232206AA	01	Initial issue of report	Jul. 12, 2022
FR232206AA	02	Updating the section 1.1.2 Antenna Information	Jul. 18, 2022

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:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2462	1-11 [11]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	1/2TX
2.4-2.4835GHz	802.11g	20	1/2TX
2.4-2.4835GHz	802.11n HT20	20	1/2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	1/2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	1/2TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port			Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4 GHz	WLAN 5 GHz	Bluetooth					
1	1	1	-	CISCO	95XEAK15.004	PIFA	I-PEX	Note 1
2	2	2	-	CISCO	95XEAK15.003	PIFA	I-PEX	
3	-	-	1	CISCO	95XEAK15.005	PIFA	I-PEX	

Note 1

Ant.	Port			Gain (dBi)			
	WLAN 2.4 GHz	WLAN 5 GHz	Bluetooth	WLAN 2.4 GHz	WLAN 5 GHz		Bluetooth
					UNII 1	UNII 3	
1	**1**	**1**	**-**	3.63	1.56	2.22	-
2	2	2	-	5.52	1.11	3.41	-
3	-	-	1	-	-	-	4.4

Note 2: The above information was declared by manufacturer.

Note 3:

WLAN 2.4GHz/5GHz(UNII 1 / UNII 3): The directional gain is measured which follows the procedure of KDB 662911 D03.

Frequency (Hz)	2.45G	5.2G	5.785G
DG [1SS] (dBi)	3.9	2.11	2.28

<For 2.4GHz function>

For IEEE 802.11b/g/n/VHT/ax (1TX/2RX)

Only Port 1 can be use as transmitting antenna

Port 1 and Port 2 could receive simultaneously.

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

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

Pot 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz function>

For IEEE 802.11a/n/ac/ax (1TX/2RX)

Only Port 1 can be use as transmitting antenna

Port 1 and Port 2 could receive simultaneously.

For IEEE 802.11a/n/ac/ax (2TX/2RX):

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

Pot 1 and Port 2 could transmit/receive simultaneously.

<For Bluetooth function> (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

1.1.3 Mode Test Duty Cycle

<Non-beamforming mode>
1TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.613	2.13	652.5u	3k
802.11g	0.936	0.29	1.435m	1k
802.11ax HEW20	0.943	0.25	5.45m	300

2TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.621	2.07	649u	3k
802.11g	0.929	0.32	1.433m	1k
802.11ax HEW20	0.957	0.19	5.447m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	QSPR (ver.5.0-00199)			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Description
MR28-HW	All the models are identical; the difference model served as marketing strategy.
GR12-HW	

Note 1: From the above models, model: MR28-HW was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Information

EUT	Source	LAN Chip
1	Main	Brand Name: Qualcomm / Model Name: QCA8081
2	Second	Brand Name: Qualcomm / Model Name: QCA8080

Note 1: From the above, after evaluation, EUT 1 was selected to test all test items, and the EUT 2 was been selected to test Radiated Emission below 1GHz only.

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.247
- 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 D03 v01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Caster Chang	24.7~25.5 / 56~59	Apr. 09, 2022
Radiated <Below 1GHz and Co-location>	03CH05-CB	Eason Chen	24.5-25.6 / 56-59	Apr. 01, 2022~ May 11, 2022
Radiated <Above 1GHz>	03CH03-CB	KJ Chang	23.8-24.9 / 55-58	Apr. 02, 2022~ May 02, 2022
	03CH04-CB		23.5-24.6 / 56-59	
AC Conduction	CO01-CB	Ryan Huang	21~23 / 56~58	Apr. 09, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Non-beamforming mode>
1TX

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	23
2437MHz	24.5
2462MHz	22.5
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	21
2417MHz	21
2437MHz	24
2457MHz	
2462MHz	21.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	20.5
2417MHz	21
2437MHz	24
2457MHz	21.5
2462MHz	21

2TX

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21.5
2437MHz	21.5
2462MHz	21
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	20
2417MHz	20.5
2437MHz	23.5
2457MHz	21
2462MHz	19.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	19.5
2417MHz	20.5
2437MHz	23
2457MHz	20.5
2462MHz	19.5

<Beamforming mode>

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	19.5
2417MHz	20.5
2437MHz	23
2457MHz	20.5
2462MHz	19.5

Note:
- Evaluated HEW20 mode only. Due to similar modulation, the power setting of HT20/VHT20 mode are the same or lower than HEW20.
- The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.

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 Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1 + Adapter 1
2	EUT 1 + Adapter 2
3	EUT 1 + PoE
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	
1	1TX: EUT 1
	2TX: EUT 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 in Z axis + Adapter 1
2	EUT 1 in Y axis + Adapter 1
3	EUT 1 in X axis + Adapter 1
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4~5 will follow this same test mode.	
4	EUT 1 in Z axis + Adapter 2
5	EUT 1 in Z axis + PoE
Mode 1 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	EUT 2 in Z axis + Adapter 1
For operating mode 6 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:	
1	1TX: EUT 1 (Bandedge at X axis / Harmonic at Y axis)
	2TX: EUT 1 (Bandedge at X axis / Harmonic at Z axis)

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
The EUT was performed at X axis, Y axis and Z axis position. EUT Z axis has been evaluated to be the worst case at Radiated measurement <Above 1GHz>; thus, the measurement will follow this same test configuration	
1	EUT 1 in Z axis_WLAN 2.4GHz + WLAN 5GHz
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	EUT 1_WLAN 2.4GHz + WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA232206 for Co-location RF Exposure Evaluation.	

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

The PoE information as below:

Support Unit	Brand Name	Model Model
PoE	PHIHONG	POEA33U-1ATE

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Power	Brand	Model	Rating
Adapter 1	Meraki	GA-PWR-12W-US	Input: 100-240V~50/60Hz, 0.4A MAX. Output: +12.0V, 1.0A, 12.0W MAX.
Adapter 2	UMEC	MA-PWR-30WAC	Input: 100-240V~0.8A, 50-60Hz Output: 12.0V, 2.5A, 30.0W
Others			
Wall-mounted rack*1 RJ-45 cable*1: Non-Shielded, 1.8m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE LAN PC	DELL	T3400	N/A
B	PoE	PHIHONG	POEA33U-1ATE	N/A
C	2.4G NB	DELL	E6430	N/A
D	5G NB	DELL	E6430	N/A

For Radiated (below 1GHz):

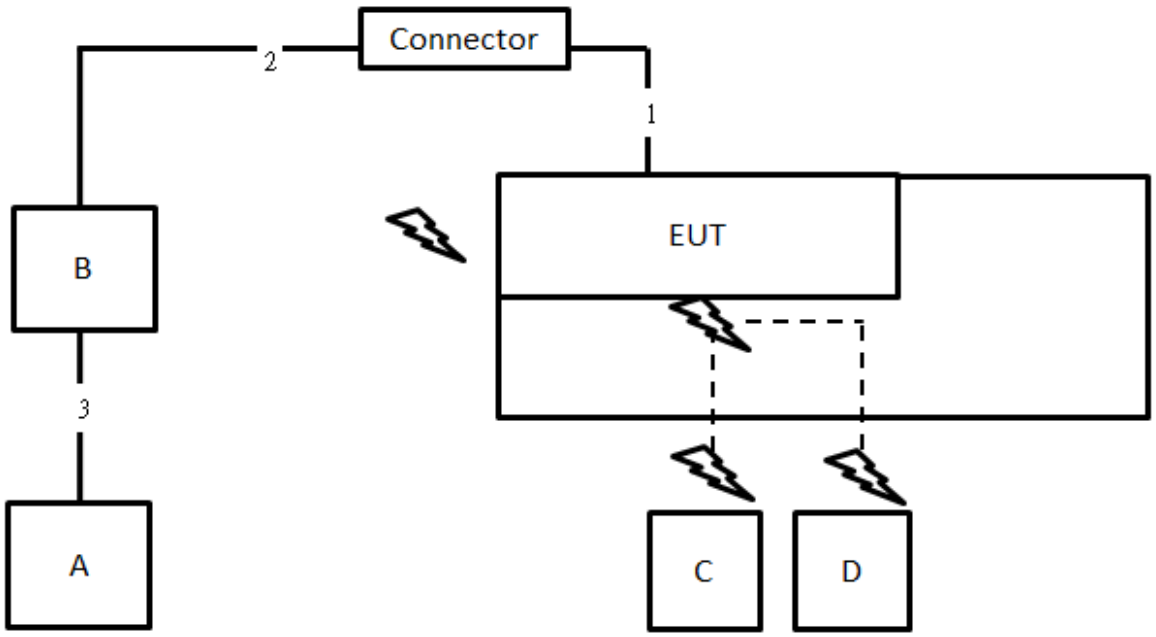
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E4300	N/A
B	2.4G NB	DELL	E4300	N/A
C	5G NB	DELL	E4300	N/A

For Radiated (above 1GHz) and RF Conducted:

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

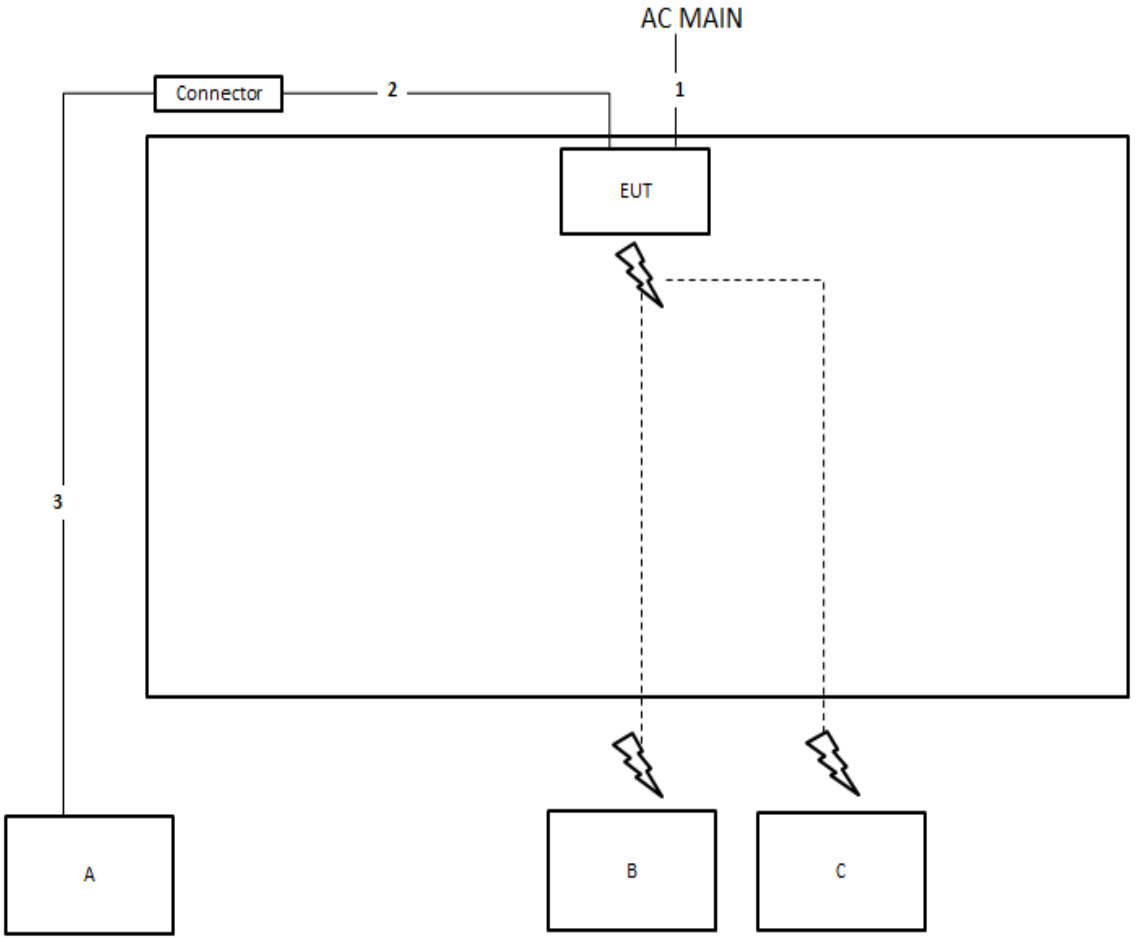
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



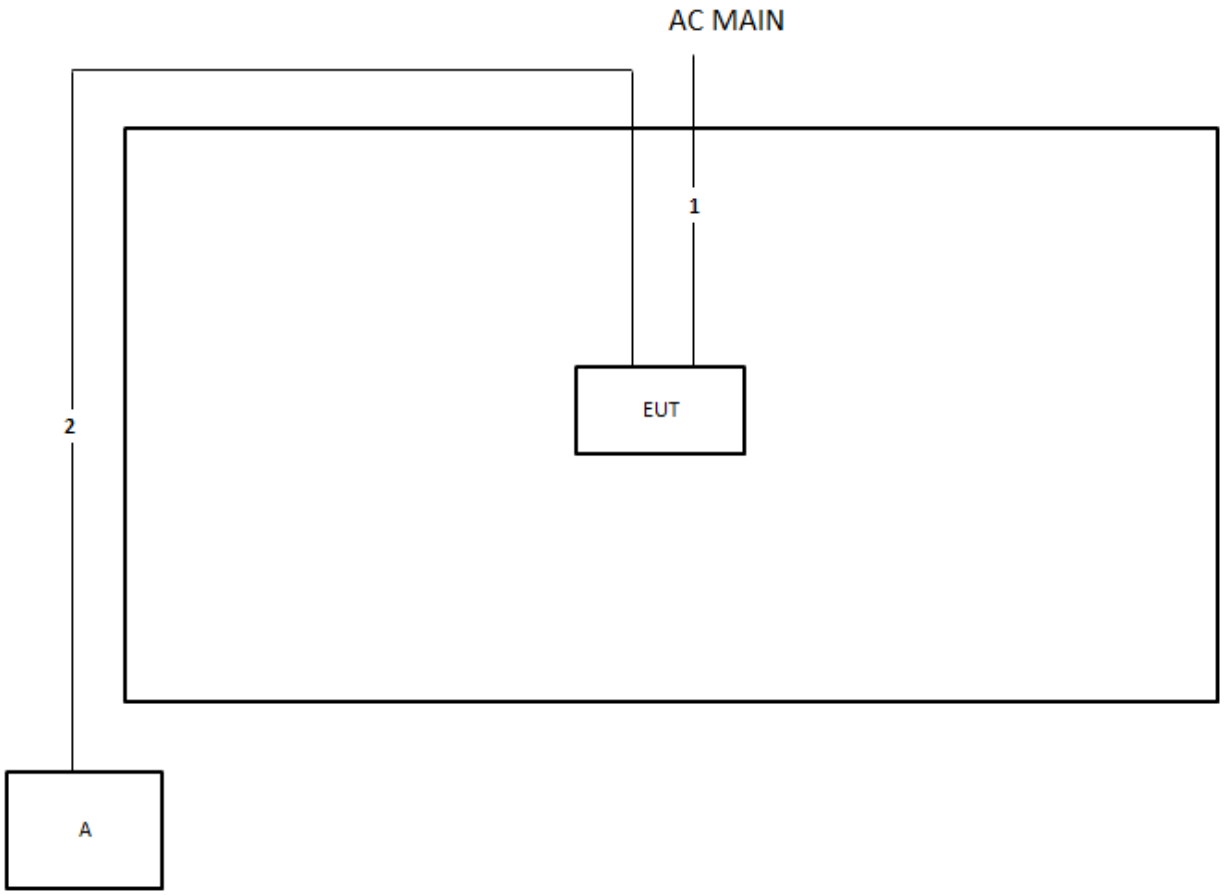
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz



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

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

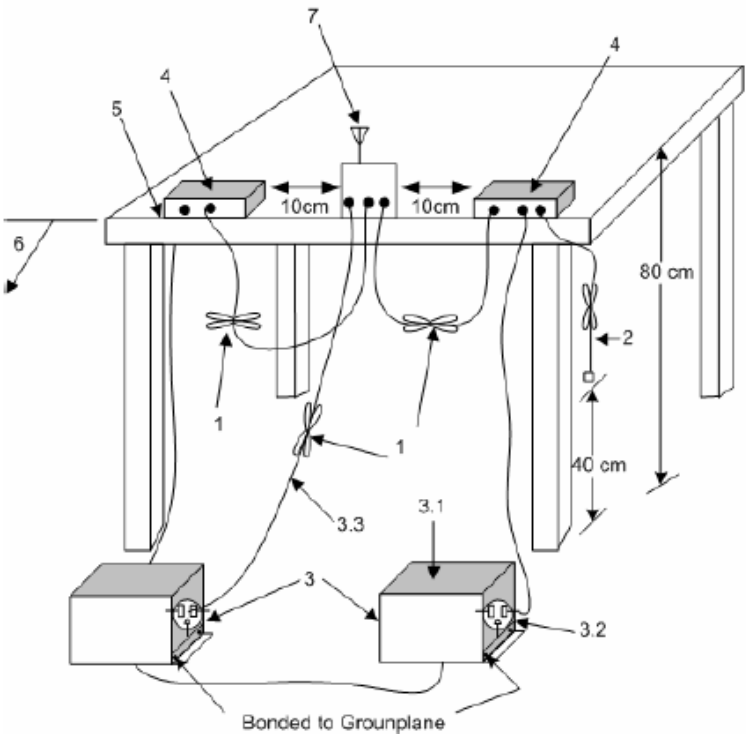
Refer a test equipment and calibration data table in this test report.

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.

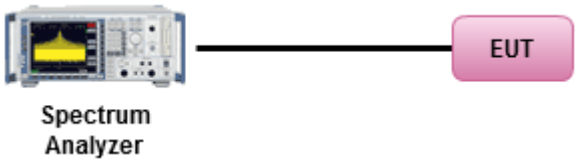
3.2.2 Measuring Instruments

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

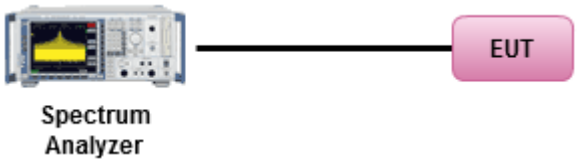
3.4.2 Measuring Instruments

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

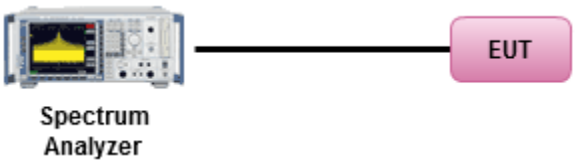
Refer a test equipment and calibration data table in this test report.

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.

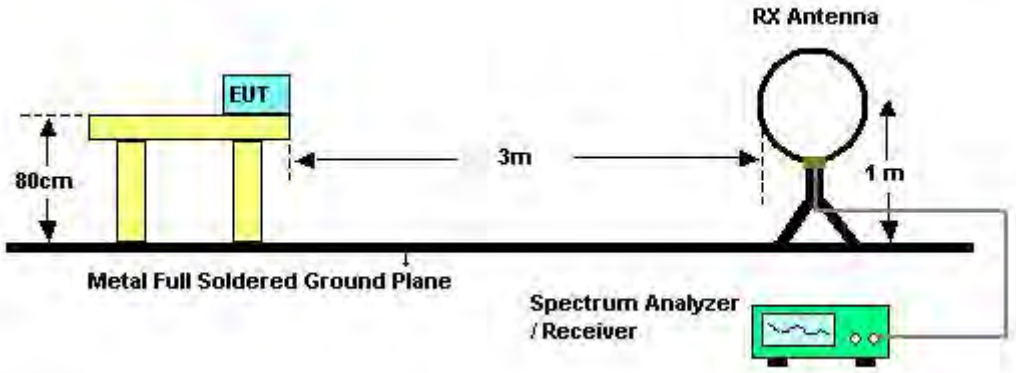
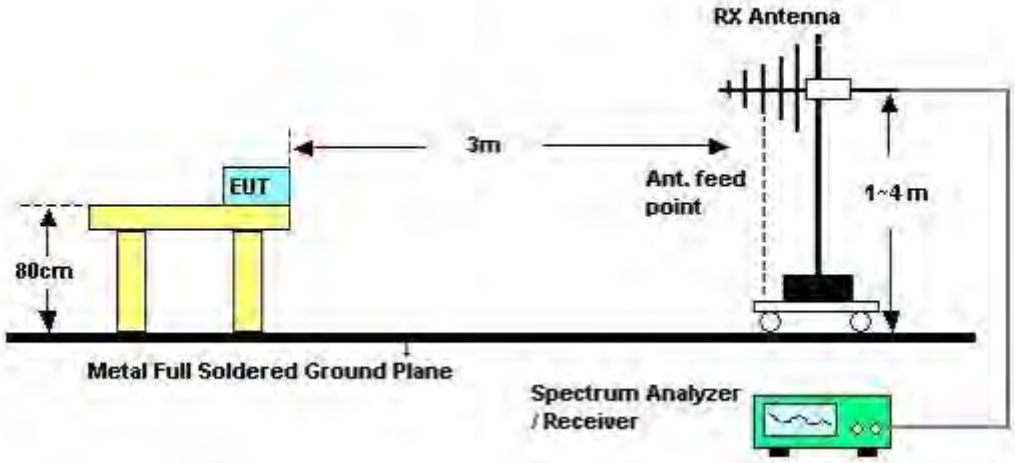
3.6.2 Measuring Instruments

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

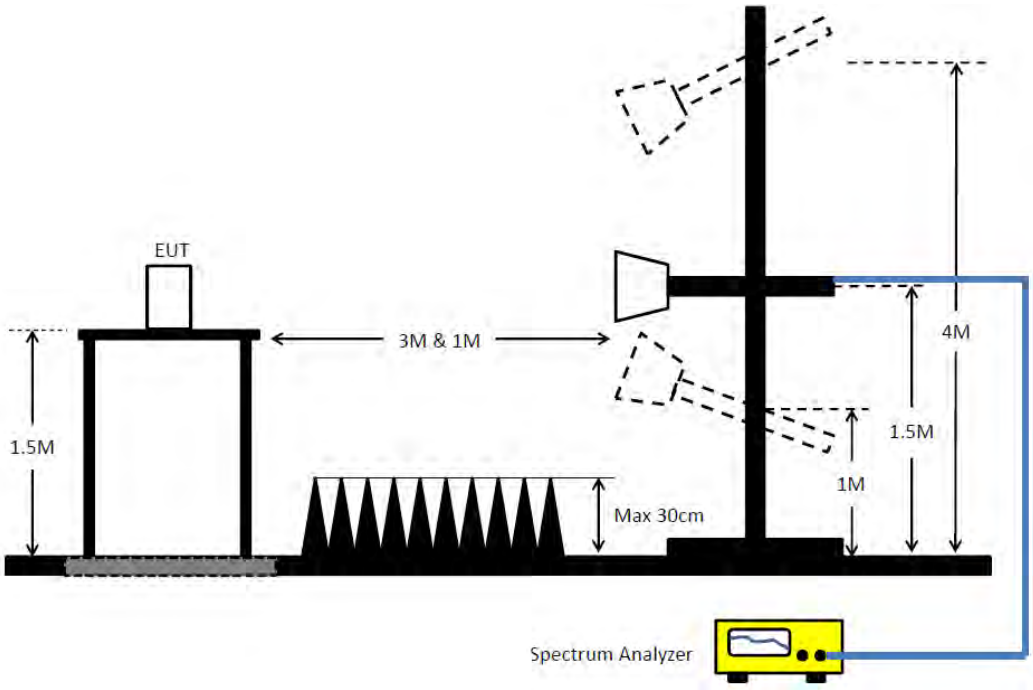
3.6.3 Test Procedures

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	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Jan. 07, 2022	Jan. 06, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 18, 2022	Mar. 17, 2023	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08, 2022	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 25, 2022	Mar. 24, 2023	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Oct. 14, 2021	Oct. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 06, 2021	May 05, 2022	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 04, 2021	Jun. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	RG402	40G#4	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
Test Software	Audix	E3	6.2009-10-8b	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)
Horn Antenna	ETS・Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
High Cable	Woken	RG402	40G#4	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)

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

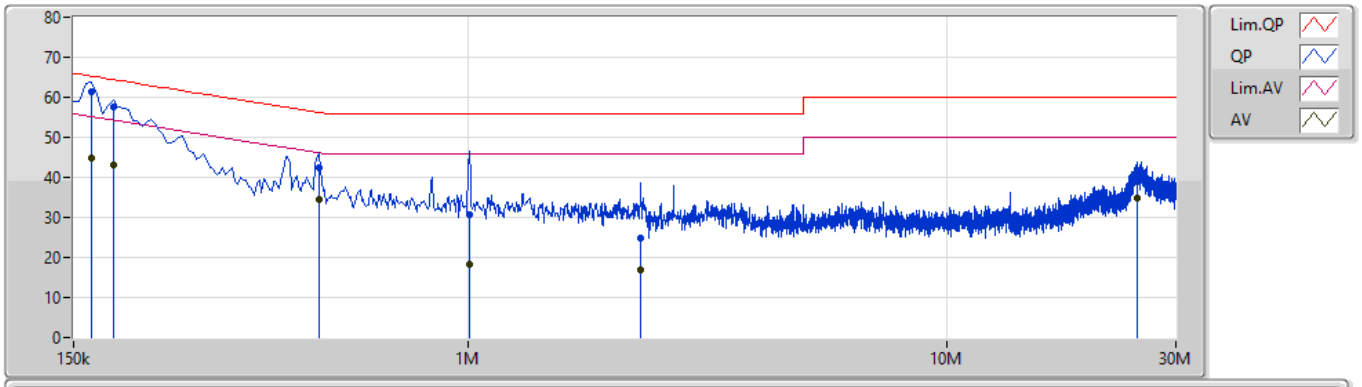
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	163.5k	61.25	65.27	-4.02	Line

Mode 3

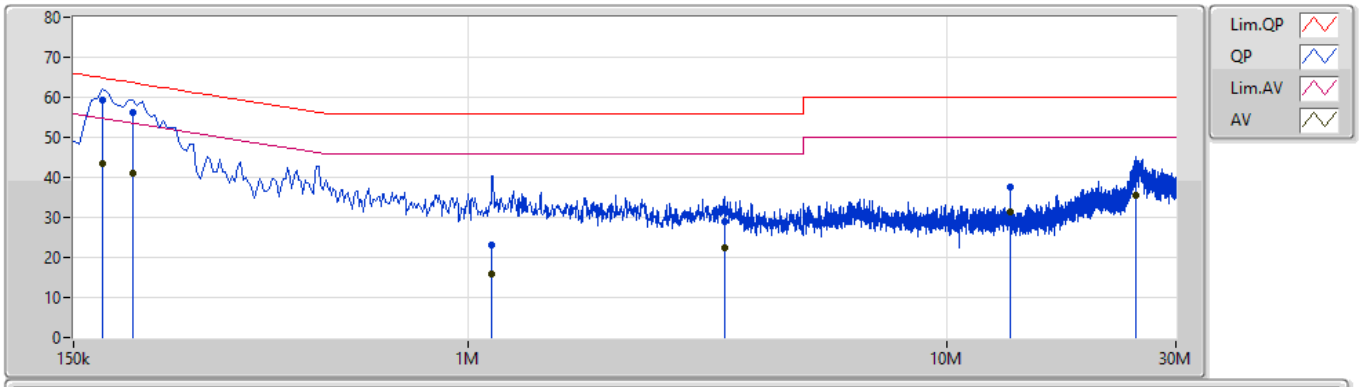
09/04/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	61.25	65.27	-4.02	10.03	Line	"Worst"	51.22	0.12	0.02	9.89
AV	163.5k	44.79	55.27	-10.48	10.03	Line	-	34.76	0.12	0.02	9.89
QP	181.5k	57.55	64.41	-6.86	10.03	Line	-	47.52	0.12	0.02	9.89
AV	181.5k	42.97	54.41	-11.44	10.03	Line	-	32.94	0.12	0.02	9.89
QP	487.5k	42.26	56.21	-13.95	10.03	Line	-	32.23	0.12	0.02	9.89
AV	487.5k	34.47	46.21	-11.74	10.03	Line	-	24.44	0.12	0.02	9.89
QP	1.005M	30.84	56.00	-25.16	10.05	Line	-	20.79	0.14	0.02	9.89
AV	1.005M	18.29	46.00	-27.71	10.05	Line	-	8.24	0.14	0.02	9.89
QP	2.292M	25.00	56.00	-31.00	10.12	Line	-	14.88	0.18	0.05	9.89
AV	2.292M	17.06	46.00	-28.94	10.12	Line	-	6.94	0.18	0.05	9.89
QP	24.945M	41.25	60.00	-18.75	10.57	Line	-	30.68	0.40	0.20	9.97
AV	24.945M	34.94	50.00	-15.06	10.57	Line	-	24.37	0.40	0.20	9.97

Mode 3

09/04/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	172.5k	59.47	64.83	-5.36	10.07	Neutral	"Worst"	49.40	0.16	0.02	9.89
AV	172.5k	43.42	54.83	-11.41	10.07	Neutral	-	33.35	0.16	0.02	9.89
QP	199.5k	56.04	63.63	-7.59	10.07	Neutral	-	45.97	0.16	0.02	9.89
AV	199.5k	41.07	53.63	-12.56	10.07	Neutral	-	31.00	0.16	0.02	9.89
QP	1.122M	23.01	56.00	-32.99	10.08	Neutral	-	12.93	0.17	0.02	9.89
AV	1.122M	15.93	46.00	-30.07	10.08	Neutral	-	5.85	0.17	0.02	9.89
QP	3.422M	28.84	56.00	-27.16	10.17	Neutral	-	18.67	0.21	0.07	9.89
AV	3.422M	22.33	46.00	-23.67	10.17	Neutral	-	12.16	0.21	0.07	9.89
QP	13.56M	37.42	60.00	-22.58	10.33	Neutral	-	27.09	0.30	0.10	9.93
AV	13.56M	31.37	50.00	-18.63	10.33	Neutral	-	21.04	0.30	0.10	9.93
QP	24.824M	41.78	60.00	-18.22	10.52	Neutral	-	31.26	0.35	0.20	9.97
AV	24.824M	35.56	50.00	-14.44	10.52	Neutral	-	25.04	0.35	0.20	9.97

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)_1TX	8.55M	13.868M	13M9G1D	7.025M	12.969M
802.11g_Nss1,(6Mbps)_1TX	15.075M	16.767M	16M8D1D	15.025M	16.292M
802.11ax HEW20_Nss1,(MCS0)_1TX	16.85M	19.015M	19M0D1D	13.75M	18.816M

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)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7.025M	13.043M
2437MHz	Pass	500k	8.55M	13.868M
2462MHz	Pass	500k	7.05M	12.969M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	15.025M	16.292M
2437MHz	Pass	500k	15.075M	16.767M
2462MHz	Pass	500k	15.05M	16.317M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	13.75M	18.816M
2437MHz	Pass	500k	16.15M	19.015M
2462MHz	Pass	500k	16.85M	18.816M

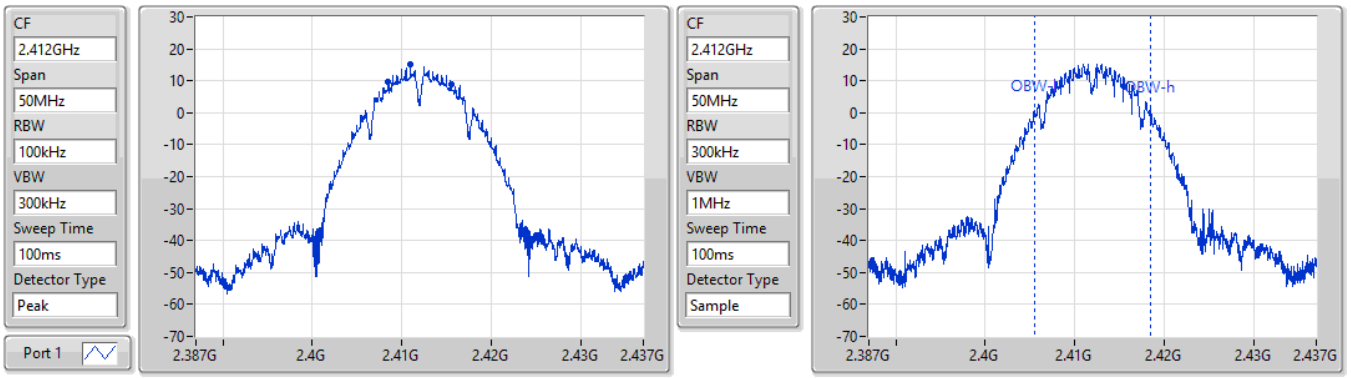
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_1TX

EBW

2412MHz

03/05/2022



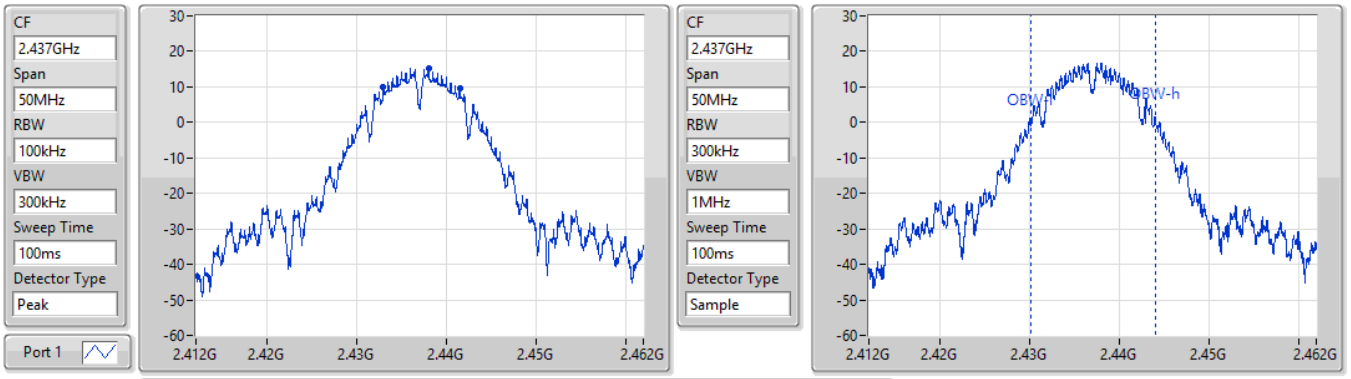
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.025M	2.408475G	2.4155G	13.043M	2.405478G	2.418522G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2437MHz

03/05/2022



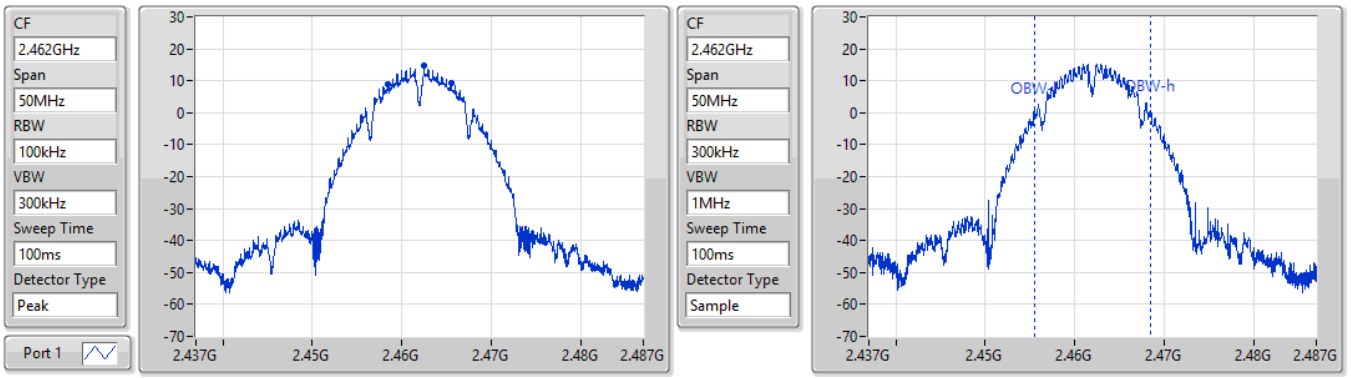
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.55M	2.43295G	2.4415G	13.868M	2.430153G	2.444021G	500k	1

802.11b_Nss1,(1Mbps)_1TX

EBW

2462MHz

03/05/2022



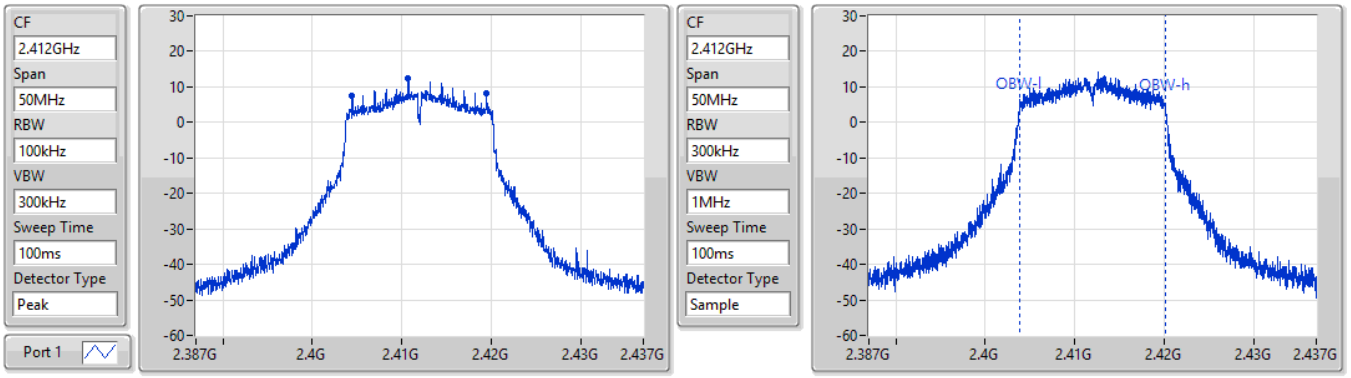
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.45845G	2.4655G	12.969M	2.455503G	2.468472G	500k	1

802.11g_Nss1,(6Mbps)_1TX

EBW

2412MHz

03/05/2022

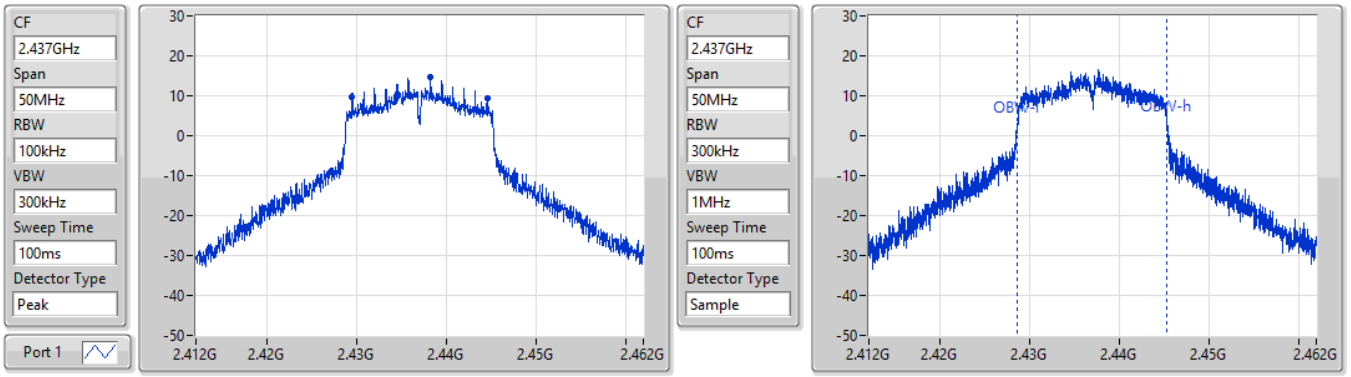


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.404475G	2.4195G	16.292M	2.403829G	2.420121G	500k	1

802.11g_Nss1,(6Mbps)_1TX **EBW**

2437MHz

03/05/2022

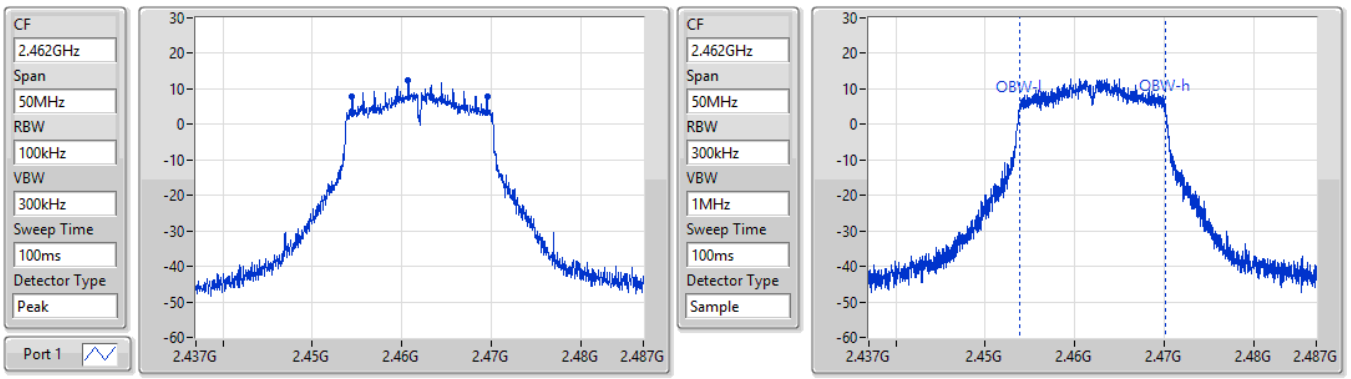


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	16.767M	2.428579G	2.445346G	500k	1

802.11g_Nss1,(6Mbps)_1TX **EBW**

2462MHz

03/05/2022

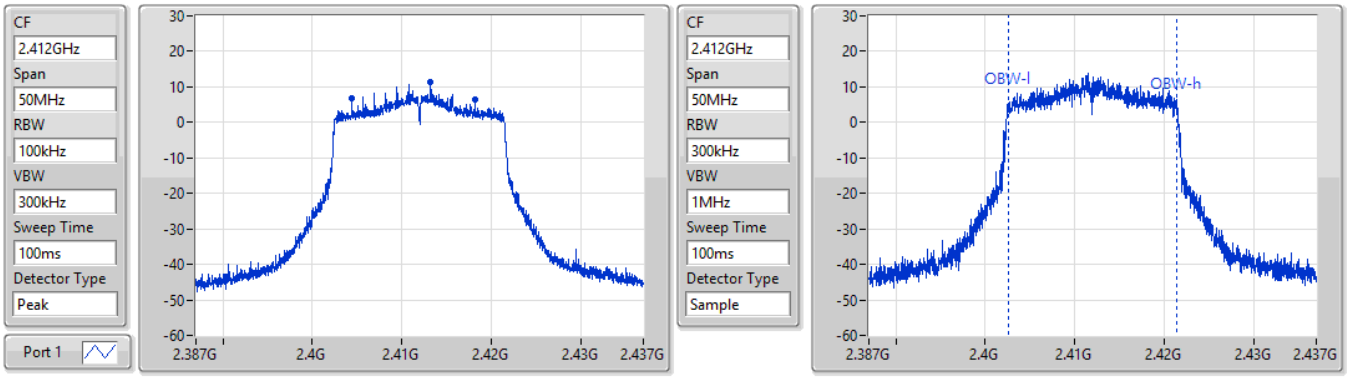


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.454475G	2.469525G	16.317M	2.453829G	2.470146G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

2412MHz

03/05/2022

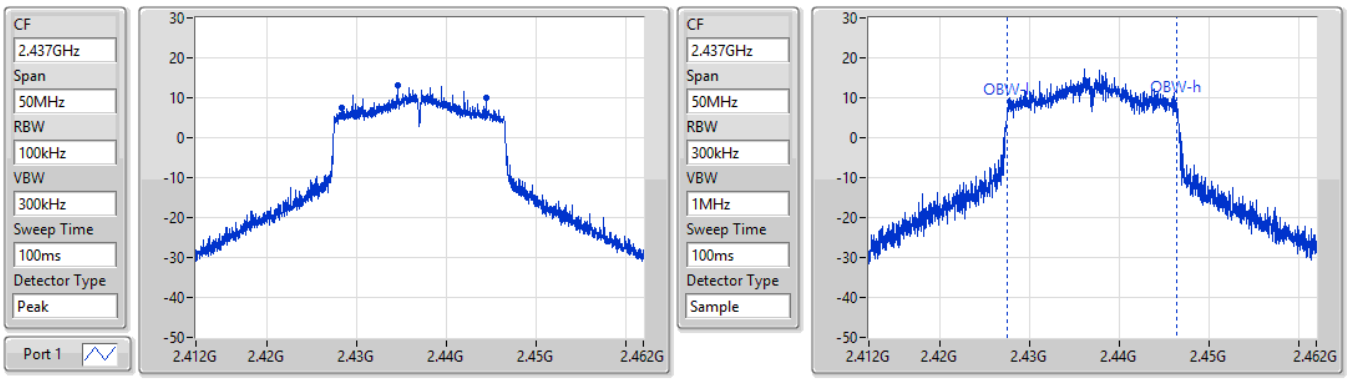


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.75M	2.40445G	2.4182G	18.816M	2.40258G	2.421395G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

2437MHz

03/05/2022

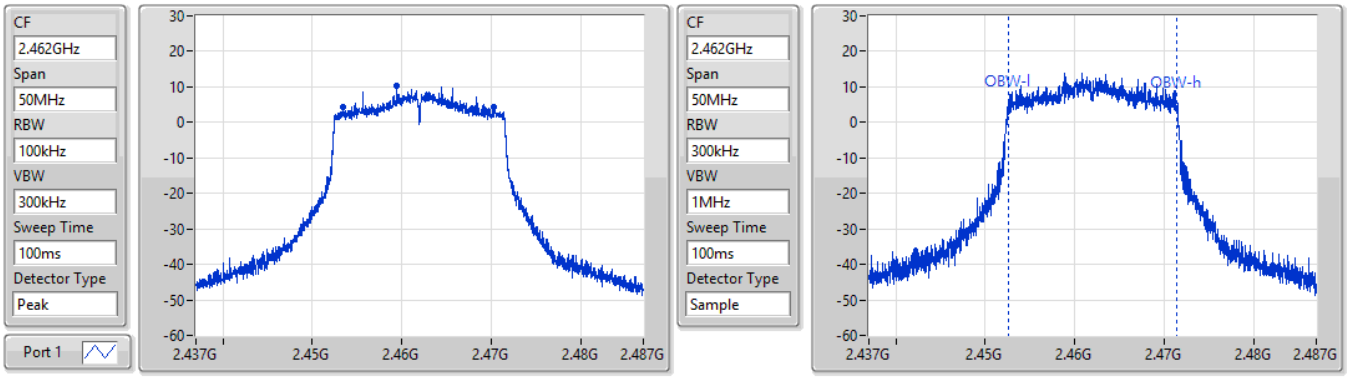


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.15M	2.4283G	2.44445G	19.015M	2.427455G	2.44647G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

2462MHz

03/05/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.85M	2.453475G	2.470325G	18.816M	2.45258G	2.471395G	500k	1

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.05M	13.093M	13M1G1D	7M	12.944M
802.11g_Nss1,(6Mbps)_2TX	15.075M	16.667M	16M7D1D	13.875M	16.292M
802.11ax HEW20_Nss1,(MCS0)_2TX	16.7M	18.916M	18M9D1D	12.5M	18.791M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.05M	13.043M	7.55M	13.093M
2437MHz	Pass	500k	8.025M	12.944M	7.1M	12.994M
2462MHz	Pass	500k	7.1M	12.994M	7M	13.018M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	16.317M	15.075M	16.317M
2437MHz	Pass	500k	15.075M	16.667M	15.05M	16.617M
2462MHz	Pass	500k	15.025M	16.292M	13.875M	16.317M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.975M	18.841M	12.575M	18.841M
2437MHz	Pass	500k	12.6M	18.916M	12.5M	18.916M
2462MHz	Pass	500k	16.7M	18.791M	13.8M	18.816M

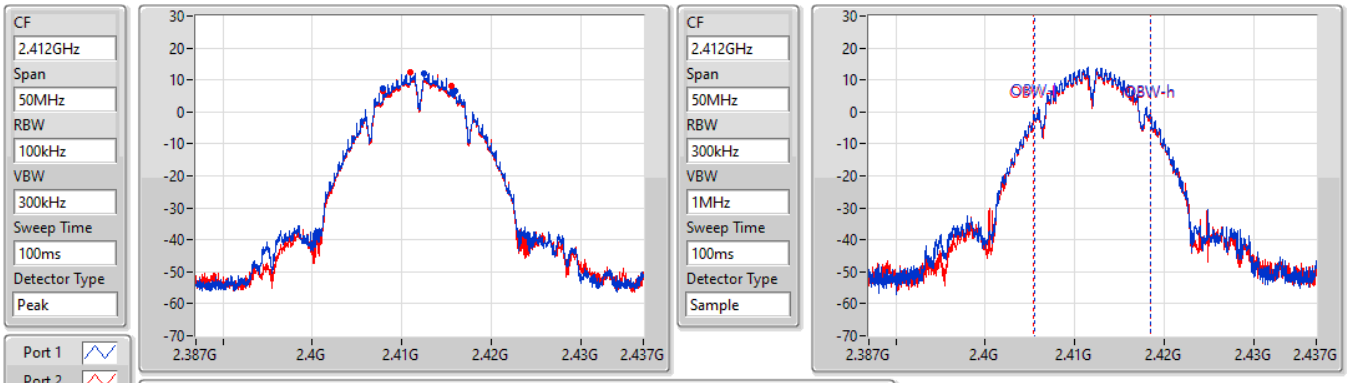
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

802.11b_Nss1,(1Mbps)_2TX

EBW

2412MHz

09/04/2022



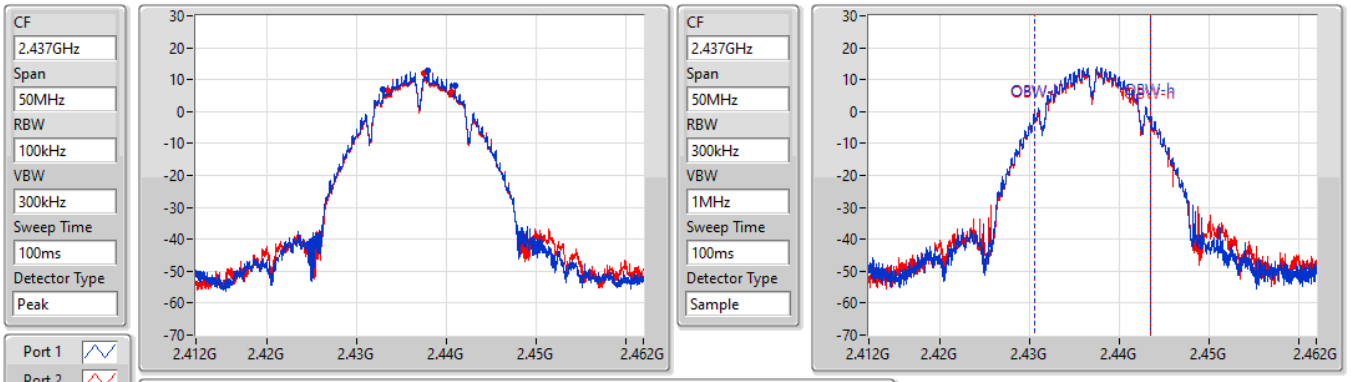
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.40795G	2.416G	13.043M	2.405478G	2.418522G	500k	1
7.55M	2.40795G	2.4155G	13.093M	2.405428G	2.418522G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

09/04/2022



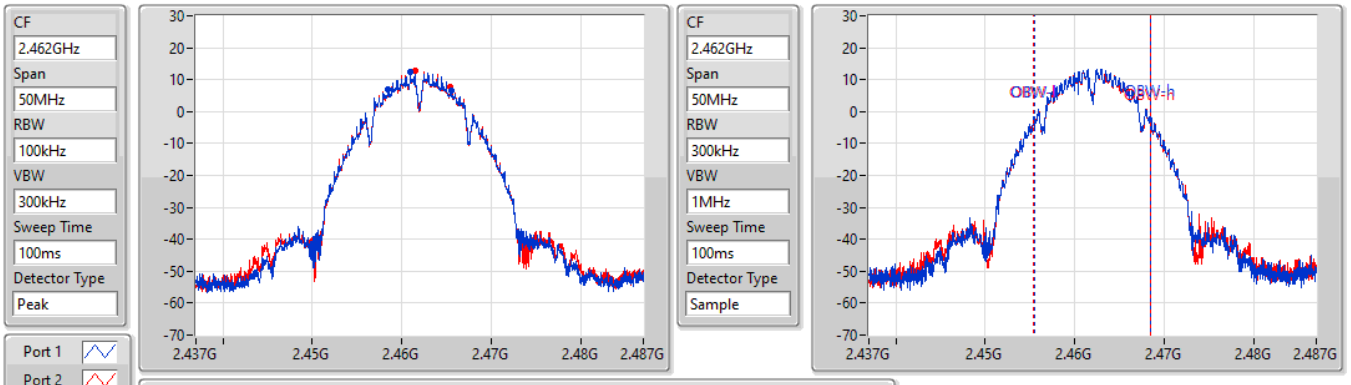
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.43295G	2.440975G	12.944M	2.430503G	2.443447G	500k	1
7.1M	2.433425G	2.440525G	12.994M	2.430503G	2.443497G	500k	2

802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

09/04/2022



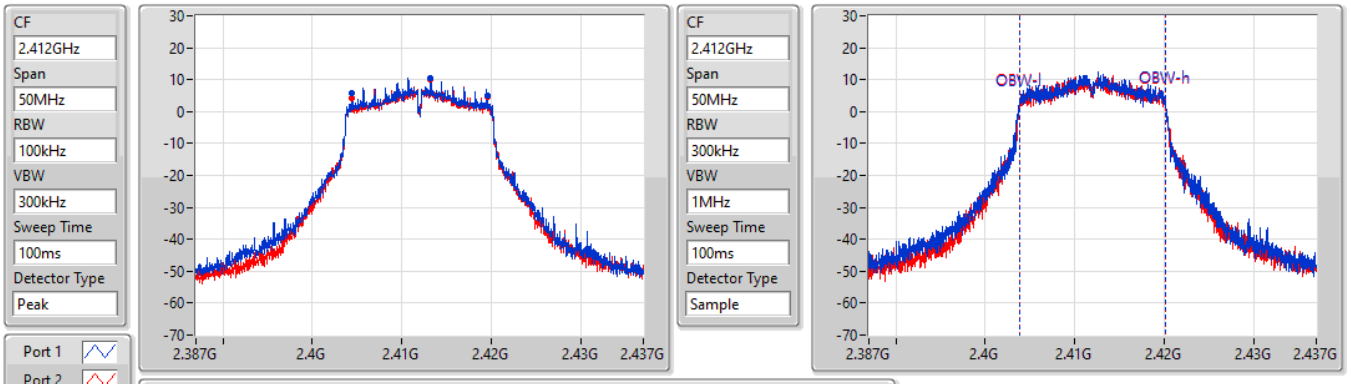
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.1M	2.458425G	2.465525G	12.994M	2.455478G	2.468472G	500k	1
7M	2.458475G	2.465475G	13.018M	2.455453G	2.468472G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

09/04/2022



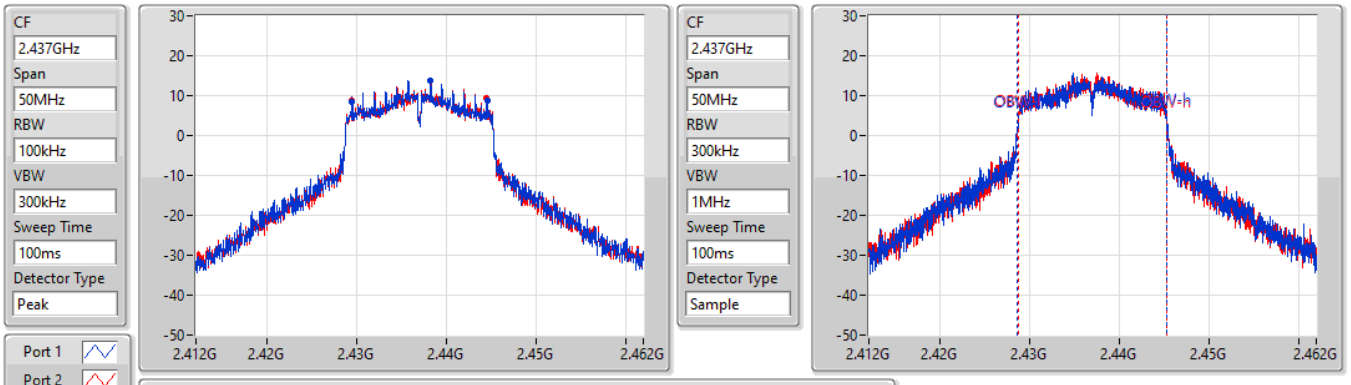
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.40445G	2.419525G	16.317M	2.403829G	2.420146G	500k	1
15.075M	2.40445G	2.419525G	16.317M	2.403829G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

09/04/2022



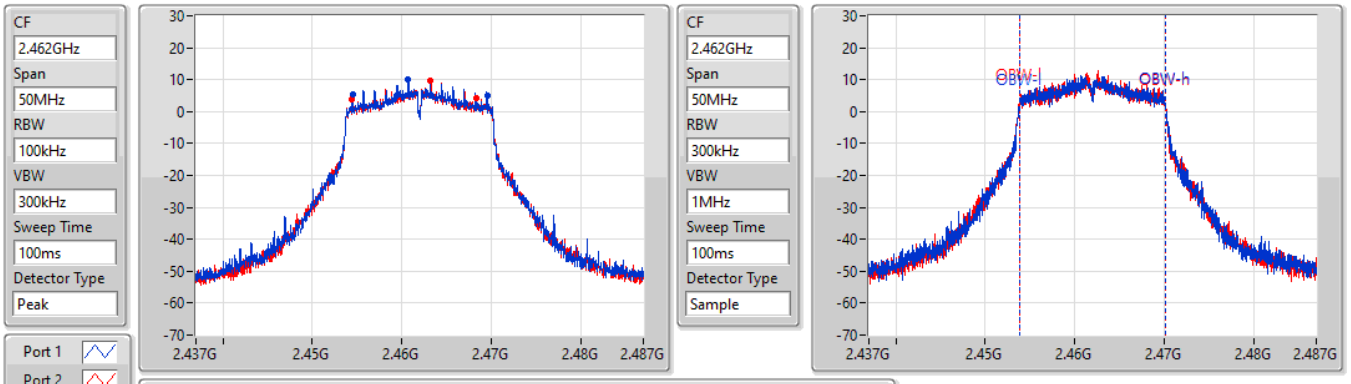
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	16.667M	2.428629G	2.445296G	500k	1
15.05M	2.42945G	2.4445G	16.617M	2.428654G	2.445271G	500k	2

802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

09/04/2022

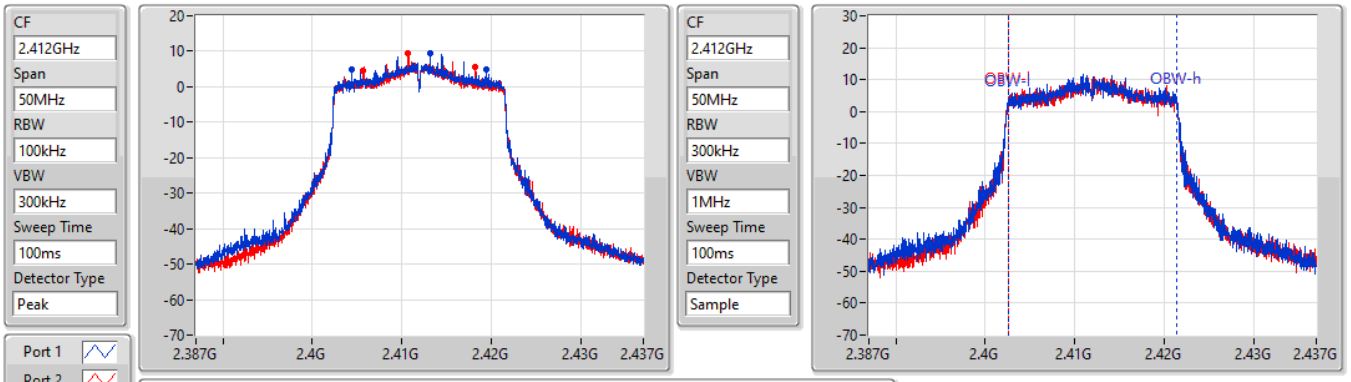


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.4545G	2.469525G	16.292M	2.453829G	2.470121G	500k	1
13.875M	2.454425G	2.4683G	16.317M	2.453804G	2.470121G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

09/04/2022

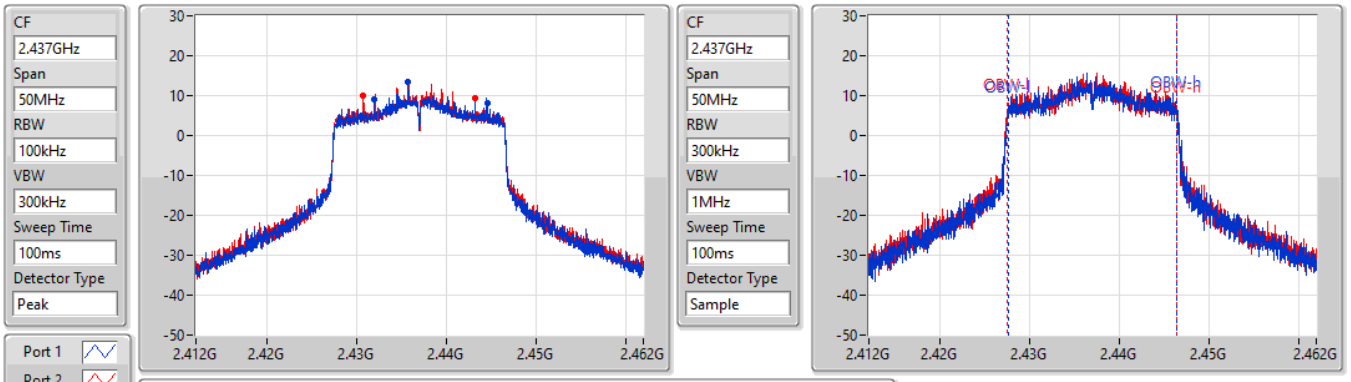


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.975M	2.40445G	2.419425G	18.841M	2.402555G	2.421395G	500k	1
12.575M	2.405675G	2.41825G	18.841M	2.402555G	2.421395G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

09/04/2022

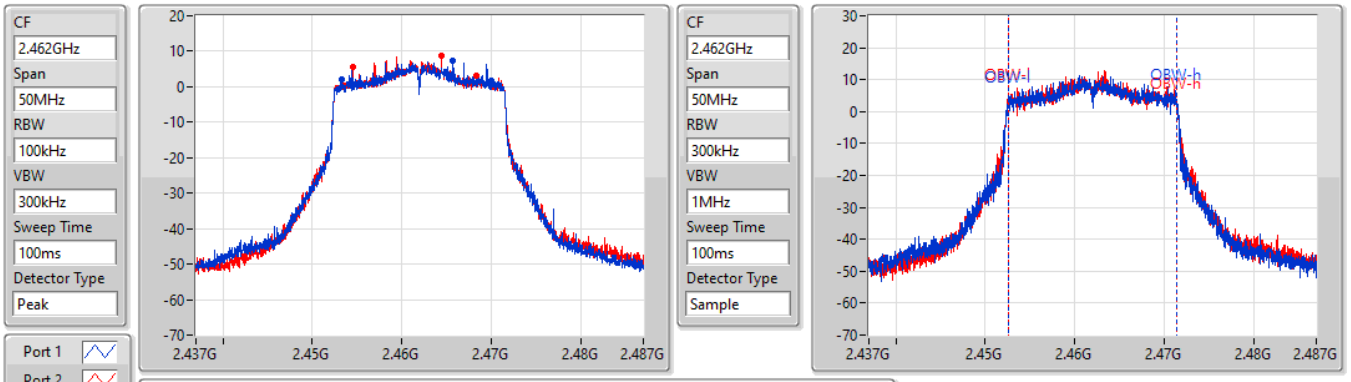


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.6M	2.431925G	2.444525G	18.916M	2.42753G	2.446445G	500k	1
12.5M	2.430725G	2.443225G	18.916M	2.427505G	2.44642G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

2462MHz

09/04/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.7M	2.45325G	2.46995G	18.791M	2.45258G	2.47137G	500k	1
13.8M	2.4545G	2.4683G	18.816M	2.452555G	2.47137G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	24.18	0.26182
802.11g_Nss1,(6Mbps)_1TX	23.60	0.22909
802.11ax HEW20_Nss1,(MCS0)_1TX	23.17	0.20749

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.63	22.53	22.53	30.00
2437MHz	Pass	3.63	24.18	24.18	30.00
2462MHz	Pass	3.63	22.42	22.42	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.63	20.83	20.83	30.00
2417MHz	Pass	3.63	20.90	20.90	30.00
2437MHz	Pass	3.63	23.60	23.60	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.63	19.76	19.76	30.00
2417MHz	Pass	3.63	20.39	20.39	30.00
2437MHz	Pass	3.63	23.17	23.17	30.00
2457MHz	Pass	3.63	20.61	20.61	30.00
2462MHz	Pass	3.63	20.25	20.25	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	24.56	0.28576
802.11g_Nss1,(6Mbps)_2TX	26.49	0.44566
802.11ax HEW20_Nss1,(MCS0)_2TX	25.53	0.35727

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.52	21.78	21.16	24.49	30.00
2437MHz	Pass	5.52	21.86	21.21	24.56	30.00
2462MHz	Pass	5.52	21.19	20.98	24.10	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.52	20.10	19.62	22.88	30.00
2417MHz	Pass	5.52	20.32	20.07	23.21	30.00
2437MHz	Pass	5.52	23.49	23.47	26.49	30.00
2457MHz	Pass	5.52	20.63	20.75	23.70	30.00
2462MHz	Pass	5.52	19.48	19.39	22.45	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.52	19.04	18.90	21.98	30.00
2417MHz	Pass	5.52	20.00	19.89	22.96	30.00
2437MHz	Pass	5.52	22.41	22.63	25.53	30.00
2457MHz	Pass	5.52	19.97	20.03	23.01	30.00
2462MHz	Pass	5.52	18.87	19.03	21.96	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.53	0.35727

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.90	19.04	18.9	21.98	30.00
2417MHz	Pass	3.90	20	19.89	22.96	30.00
2437MHz	Pass	3.90	22.41	22.63	25.53	30.00
2457MHz	Pass	3.90	19.97	20.03	23.01	30.00
2462MHz	Pass	3.90	18.87	19.03	21.96	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	2.54
802.11g_Nss1,(6Mbps)_1TX	-3.41
802.11ax HEW20_Nss1,(MCS0)_1TX	-0.56

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.63	0.19	0.19	8.00
2437MHz	Pass	3.63	2.54	2.54	8.00
2462MHz	Pass	3.63	-0.57	-0.57	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.63	-4.79	-4.79	8.00
2437MHz	Pass	3.63	-3.41	-3.41	8.00
2462MHz	Pass	3.63	-5.51	-5.51	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.63	-5.14	-5.14	8.00
2437MHz	Pass	3.63	-0.56	-0.56	8.00
2462MHz	Pass	3.63	-4.19	-4.19	8.00

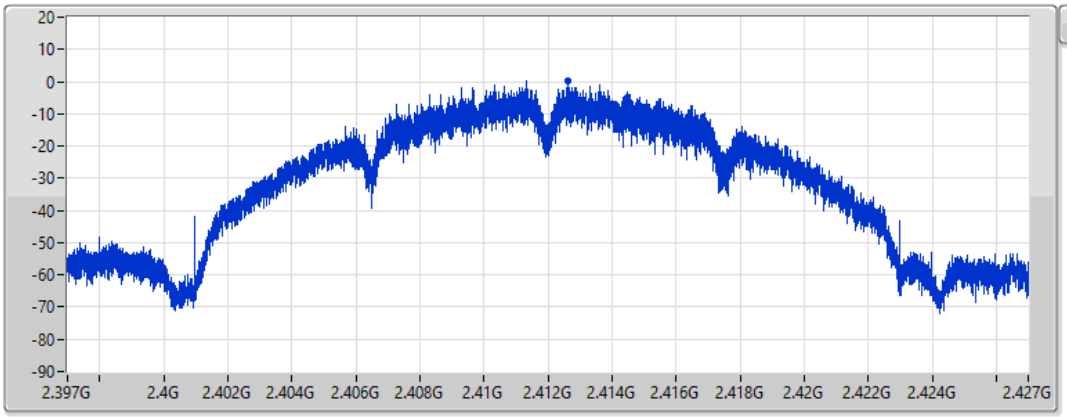
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_1TX **PSD**

2412MHz

03/05/2022

CF	2.412GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



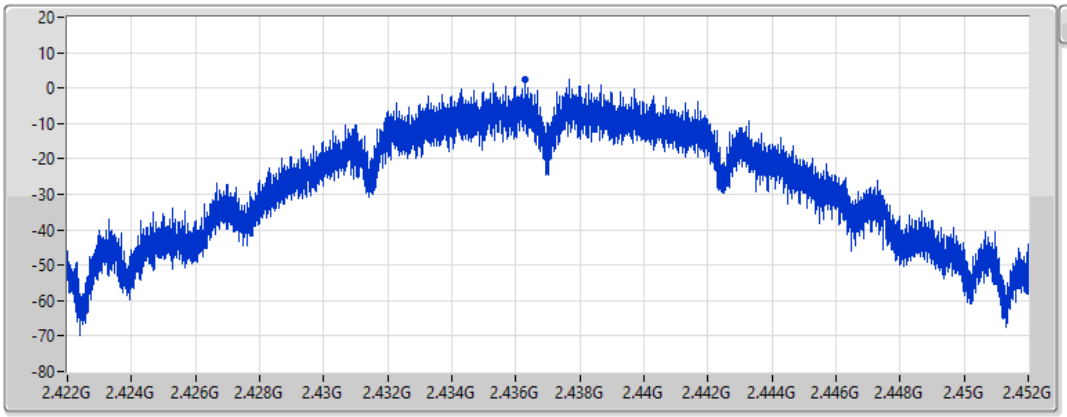
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.19	0.19	0.19

802.11b_Nss1,(1Mbps)_1TX **PSD**

2437MHz

03/05/2022

CF	2.437GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.54	2.54	2.54

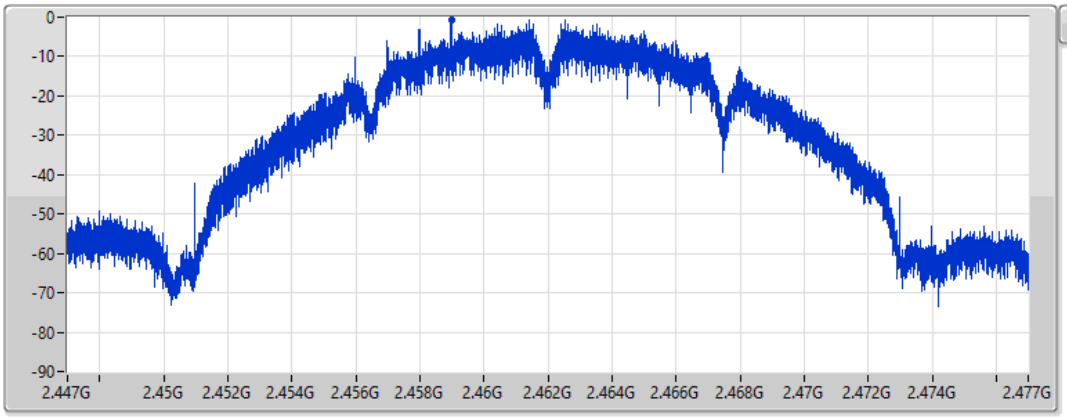
802.11b_Nss1,(1Mbps)_1TX

PSD

2462MHz

03/05/2022

CF	2.462GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.57	-0.57	-0.57

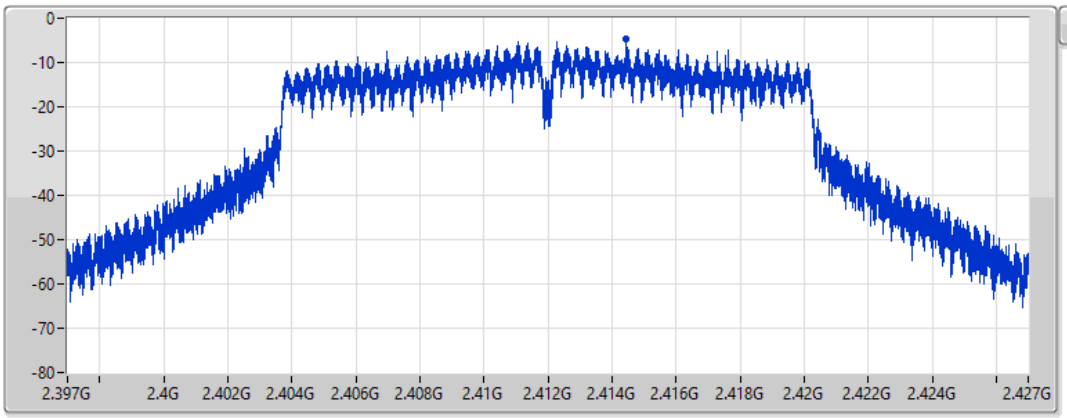
802.11g_Nss1,(6Mbps)_1TX

PSD

2412MHz

03/05/2022

CF	2.412GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.79	-4.79	-4.79

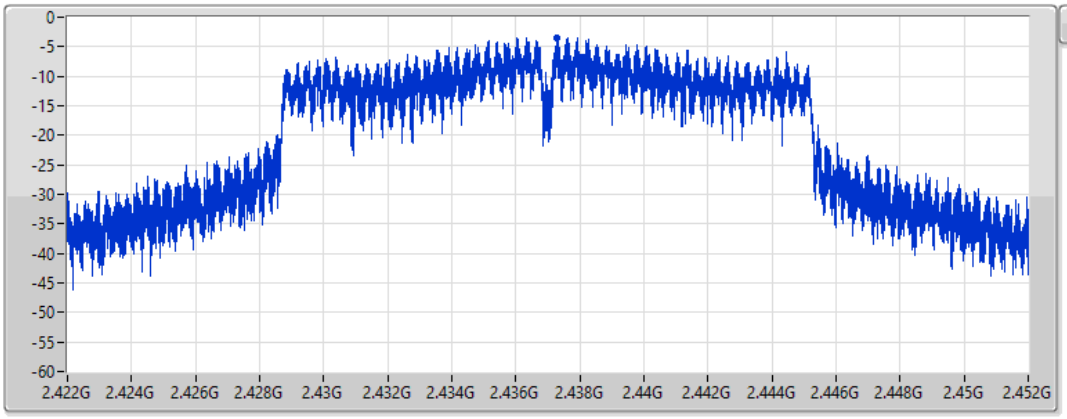
802.11g_Nss1,(6Mbps)_1TX

PSD

2437MHz

03/05/2022

CF	2.437GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.41	-3.41	-3.41

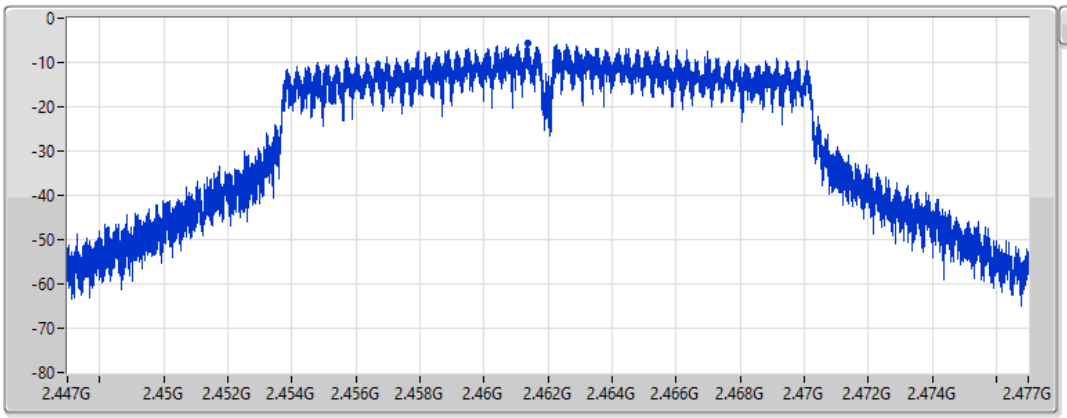
802.11g_Nss1,(6Mbps)_1TX

PSD

2462MHz

03/05/2022

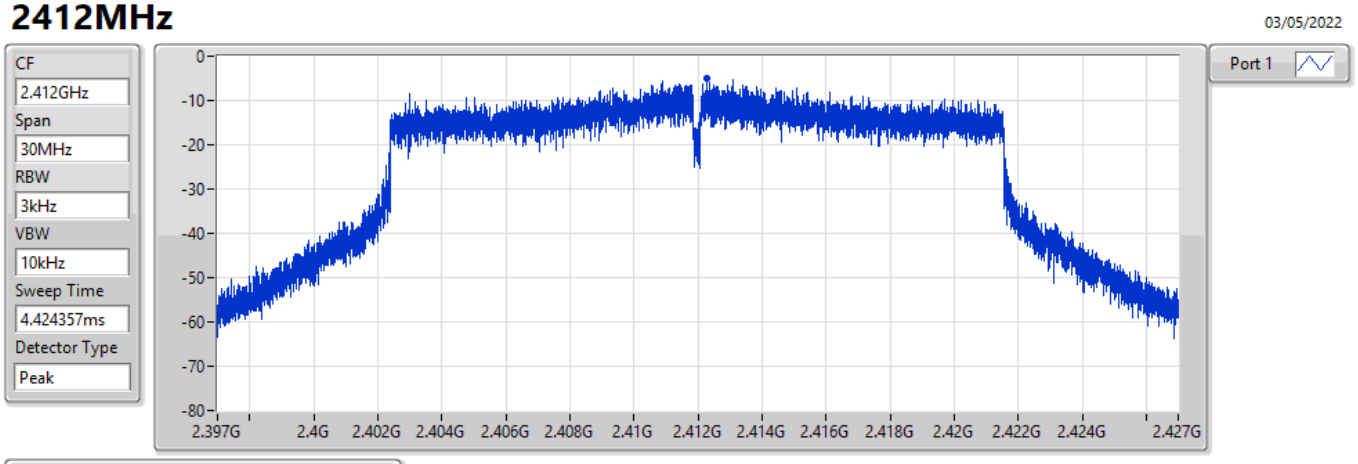
CF	2.462GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.51	-5.51	-5.51

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

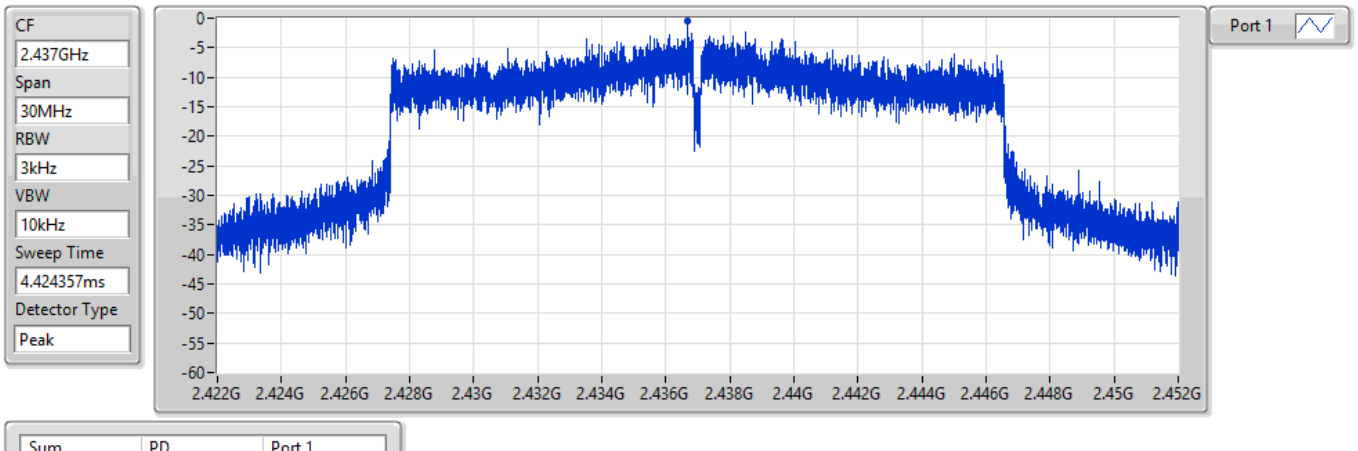
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.14	-5.14	-5.14

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

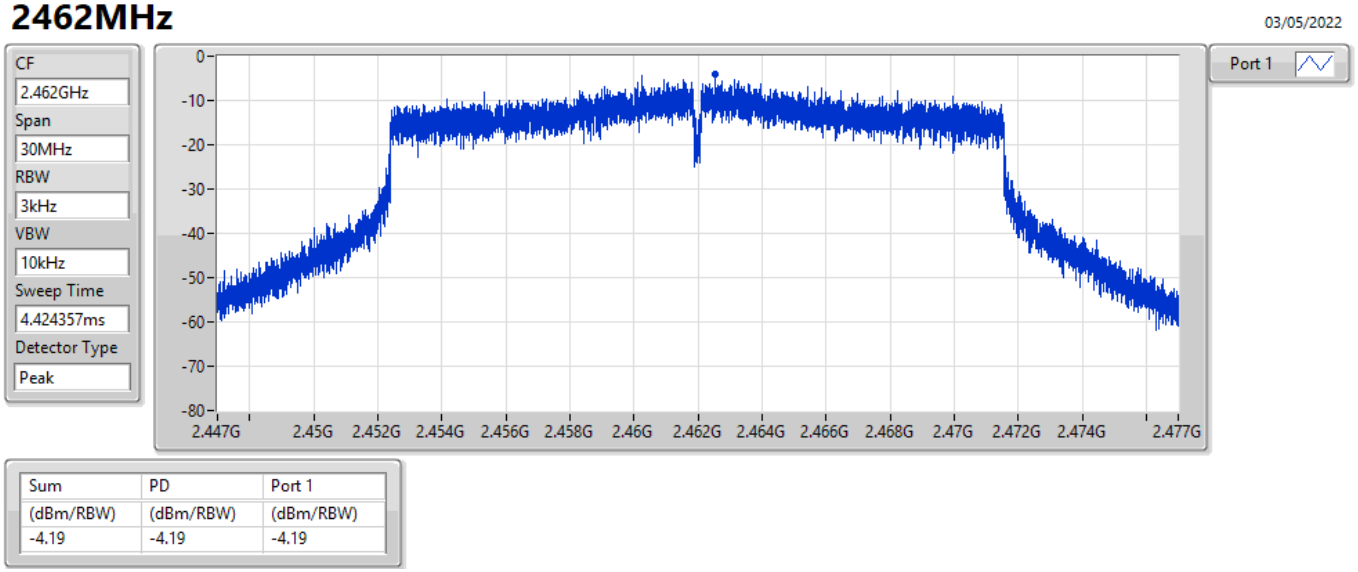
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.56	-0.56	-0.56

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.19	-4.19	-4.19

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.49
802.11g_Nss1,(6Mbps)_2TX	-0.90
802.11ax HEW20_Nss1,(MCS0)_2TX	-0.16

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.90	-3.25	-1.49	-0.63	8.00
2437MHz	Pass	3.90	-1.33	-3.43	0.49	8.00
2462MHz	Pass	3.90	-0.72	-3.09	0.28	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.90	-6.83	-6.12	-4.72	8.00
2437MHz	Pass	3.90	-3.91	-2.70	-0.90	8.00
2462MHz	Pass	3.90	-7.24	-6.62	-5.12	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.90	-6.32	-6.47	-4.71	8.00
2437MHz	Pass	3.90	-3.97	-1.81	-0.16	8.00
2462MHz	Pass	3.90	-6.27	-6.20	-4.64	8.00

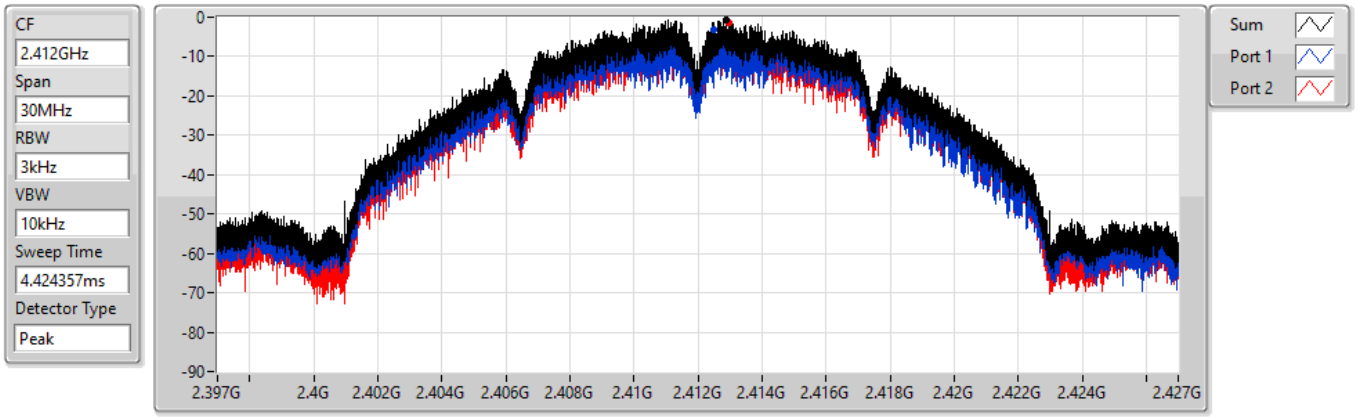
DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11b_Nss1,(1Mbps)_2TX

PSD

2412MHz

09/04/2022



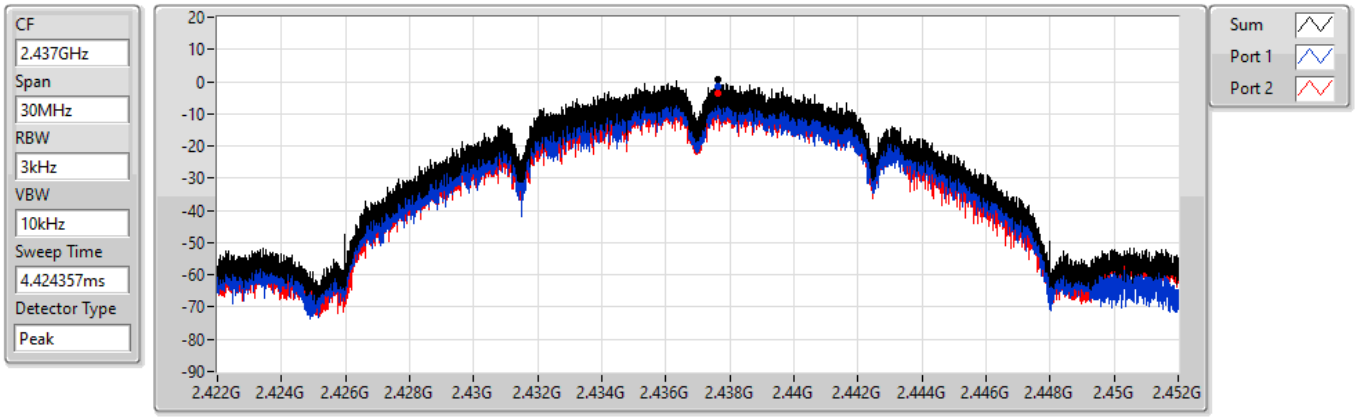
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.63	-0.63	-3.25	-1.49

802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

09/04/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.49	0.49	-1.33	-3.43

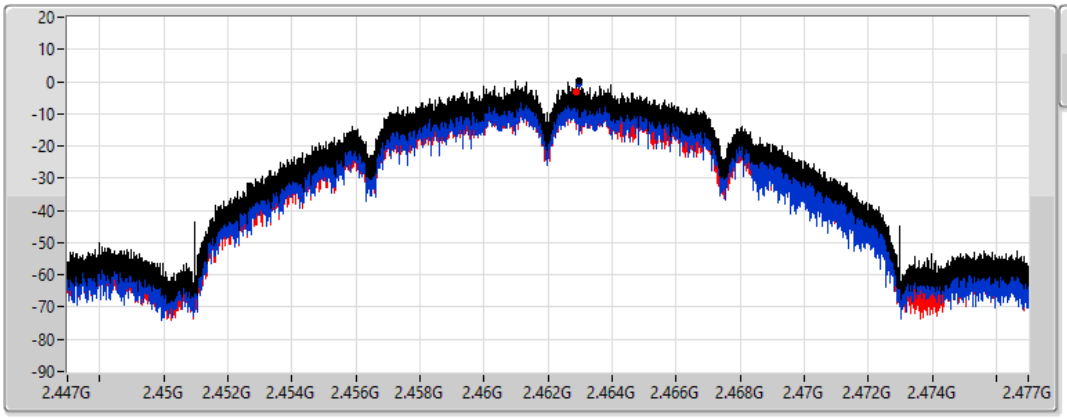
802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

09/04/2022

CF	2.462GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.28	0.28	-0.72	-3.09

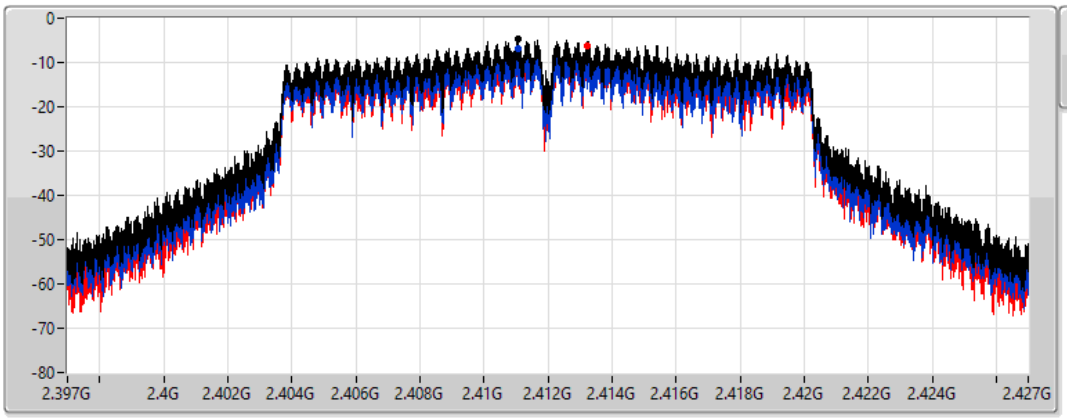
802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

09/04/2022

CF	2.412GHz
Span	30MHz
RBW	3kHz
VBW	10kHz
Sweep Time	4.424357ms
Detector Type	Peak



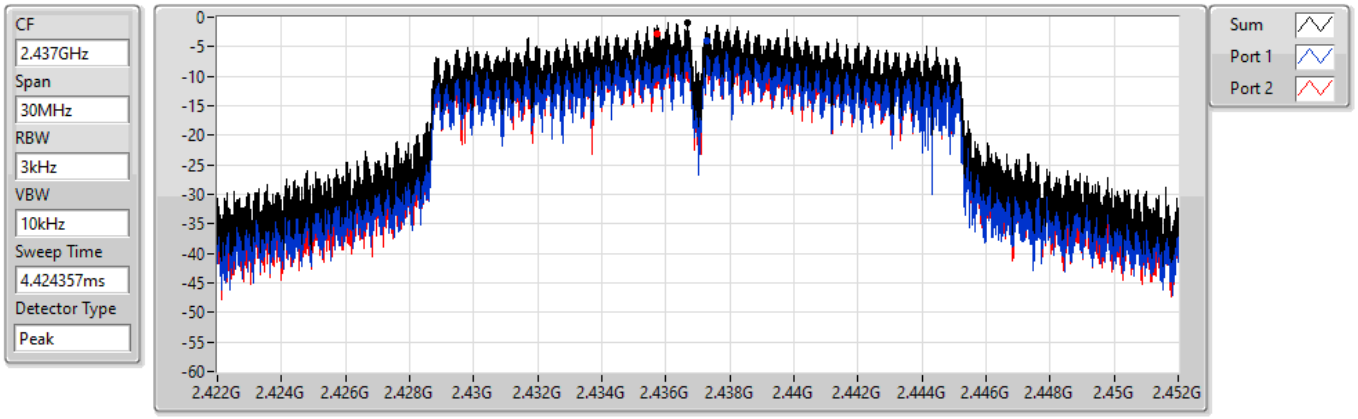
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.72	-4.72	-6.83	-6.12

802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

09/04/2022



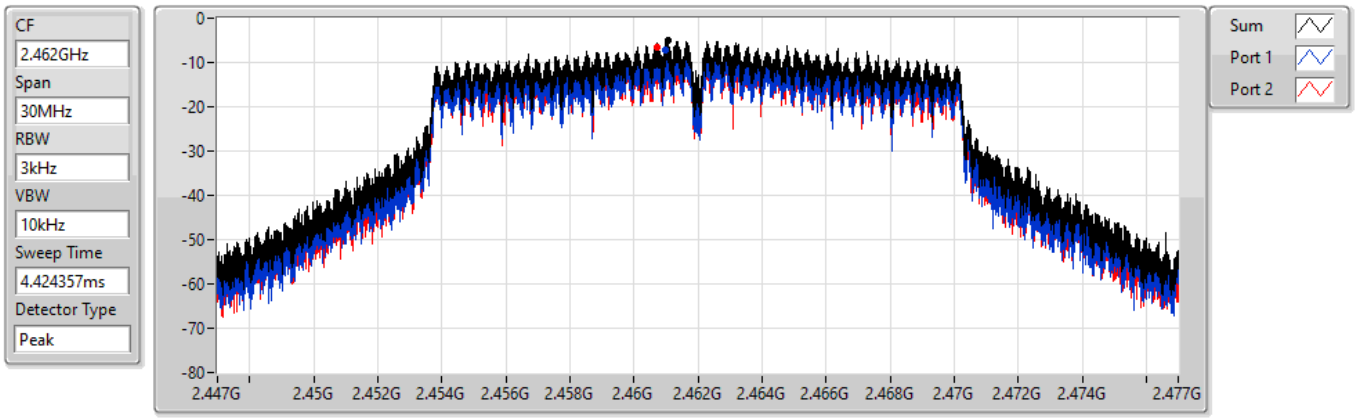
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.90	-0.90	-3.91	-2.70

802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

09/04/2022

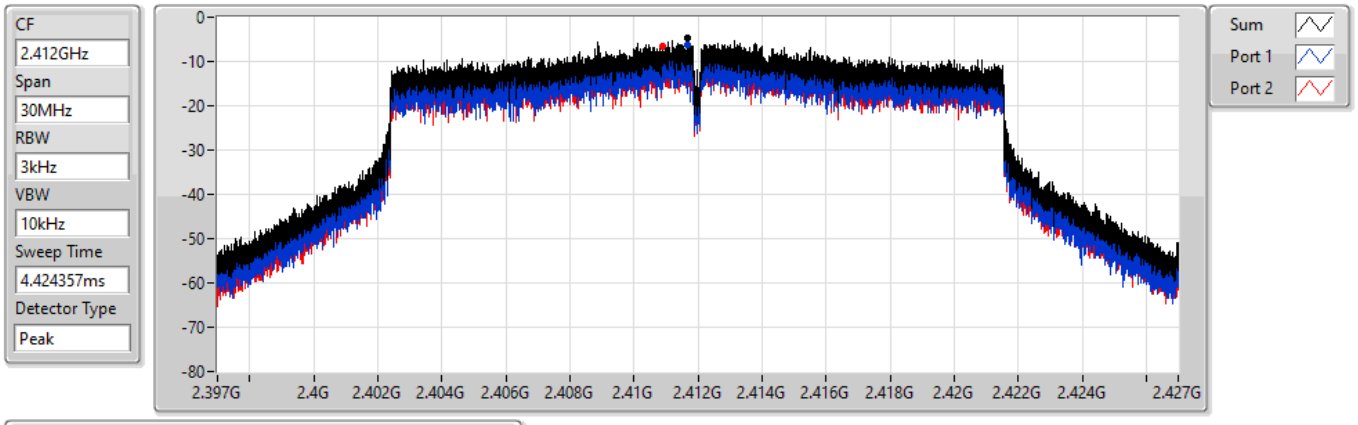


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.12	-5.12	-7.24	-6.62

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

2412MHz

09/04/2022

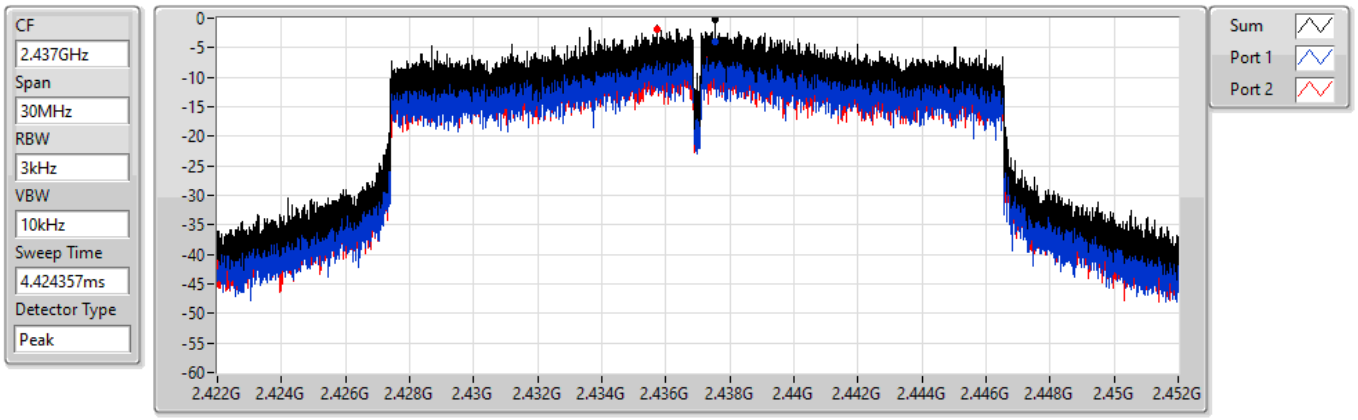


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.71	-4.71	-6.32	-6.47

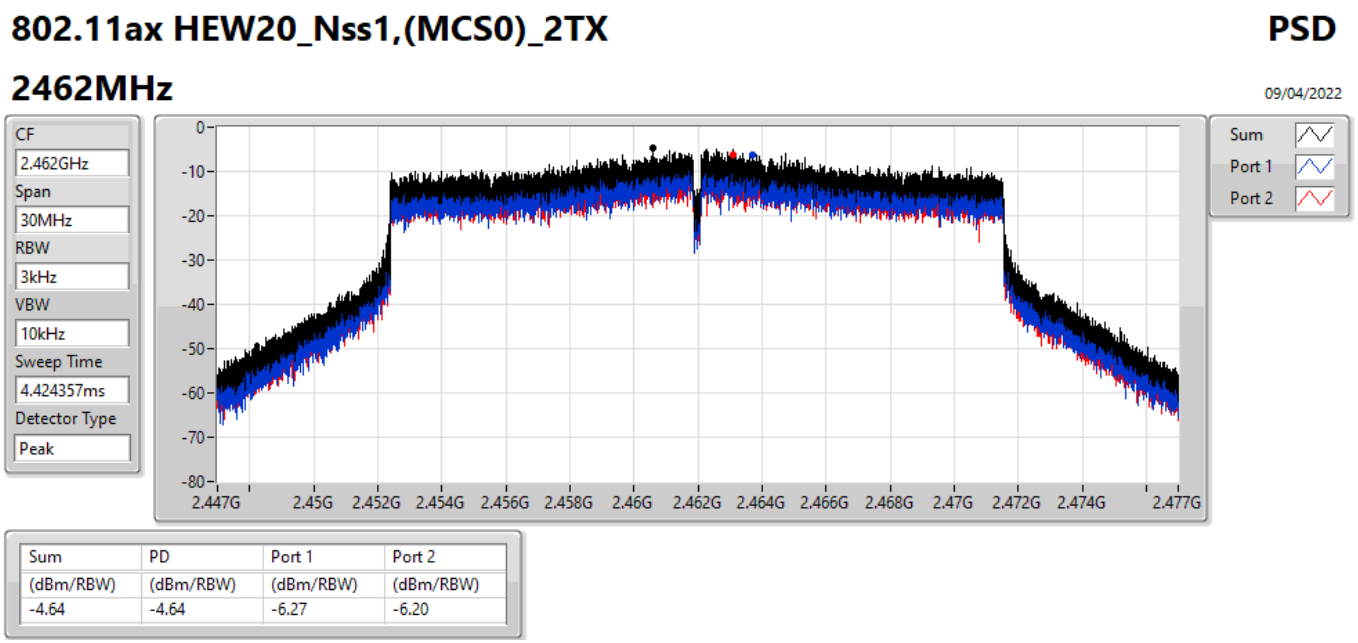
802.11ax HEW20_Nss1,(MCS0)_2TX PSD

2437MHz

09/04/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.16	-0.16	-3.97	-1.81



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.64	-4.64	-6.27	-6.20

Summary

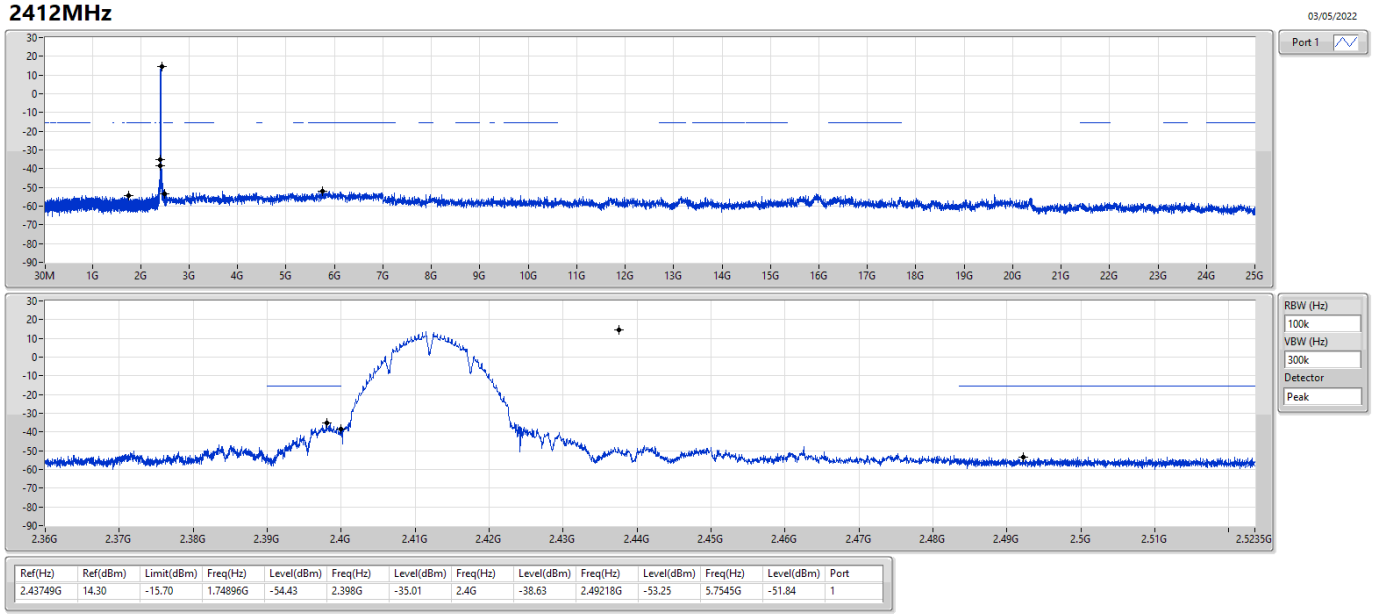
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43749G	14.30	-15.70	1.74896G	-54.43	2.398G	-35.01	2.4G	-38.63	2.49218G	-53.25	5.7545G	-51.84	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	13.80	-16.20	2.07632G	-54.57	2.39986G	-26.79	2.4G	-27.32	2.50562G	-52.48	6.76594G	-50.61	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43824G	13.68	-16.32	852.49M	-54.47	2.39998G	-25.58	2.4G	-25.62	2.48506G	-51.79	5.77135G	-49.98	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)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	14.30	-15.70	1.74896G	-54.43	2.398G	-35.01	2.4G	-38.63	2.49218G	-53.25	5.7545G	-51.84	1
2437MHz	Pass	2.43749G	14.30	-15.70	859.77M	-54.00	2.39748G	-46.47	2.4G	-50.67	2.48696G	-46.78	6.69008G	-50.98	1
2462MHz	Pass	2.43749G	14.30	-15.70	1.99011G	-54.29	2.39524G	-52.11	2.4835G	-50.64	2.49042G	-49.29	5.5494G	-50.97	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	13.80	-16.20	2.07632G	-54.57	2.39986G	-26.79	2.4G	-27.32	2.50562G	-52.48	6.76594G	-50.61	1
2437MHz	Pass	2.43824G	13.80	-16.20	793.08M	-53.90	2.3991G	-38.90	2.4G	-40.60	2.48354G	-43.50	6.99351G	-51.04	1
2462MHz	Pass	2.43824G	13.80	-16.20	2.30175G	-54.91	2.39912G	-51.57	2.4835G	-45.78	2.48384G	-42.14	6.75189G	-51.55	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	13.68	-16.32	852.49M	-54.47	2.39998G	-25.58	2.4G	-25.62	2.48506G	-51.79	5.77135G	-49.98	1
2437MHz	Pass	2.43824G	13.68	-16.32	618.91M	-54.04	2.399G	-39.58	2.4G	-42.47	2.48418G	-43.26	5.96802G	-51.43	1
2462MHz	Pass	2.43824G	13.68	-16.32	946.27M	-54.28	2.398G	-53.73	2.4835G	-44.26	2.48388G	-42.01	6.98509G	-51.37	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

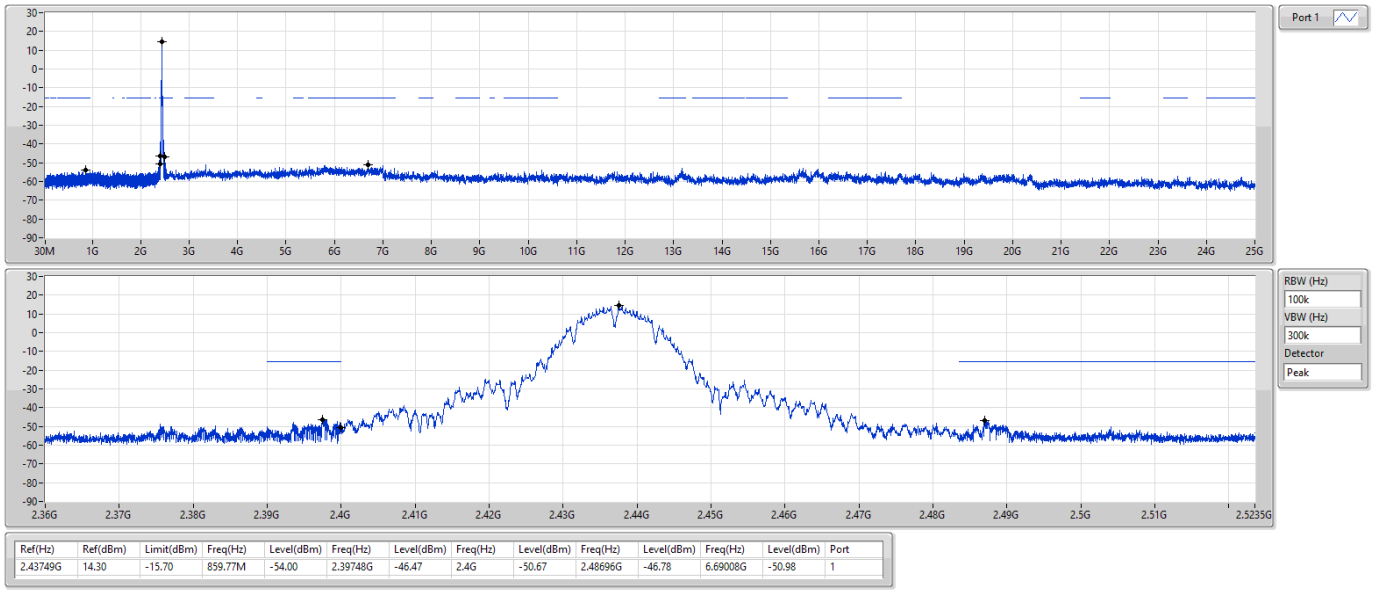
2412MHz



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
2.43749G	14.30	-15.70	1.74896G	-54.43	2.398G	-35.01	2.4G	-38.63	2.49218G	-53.25	5.7545G	-51.84	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

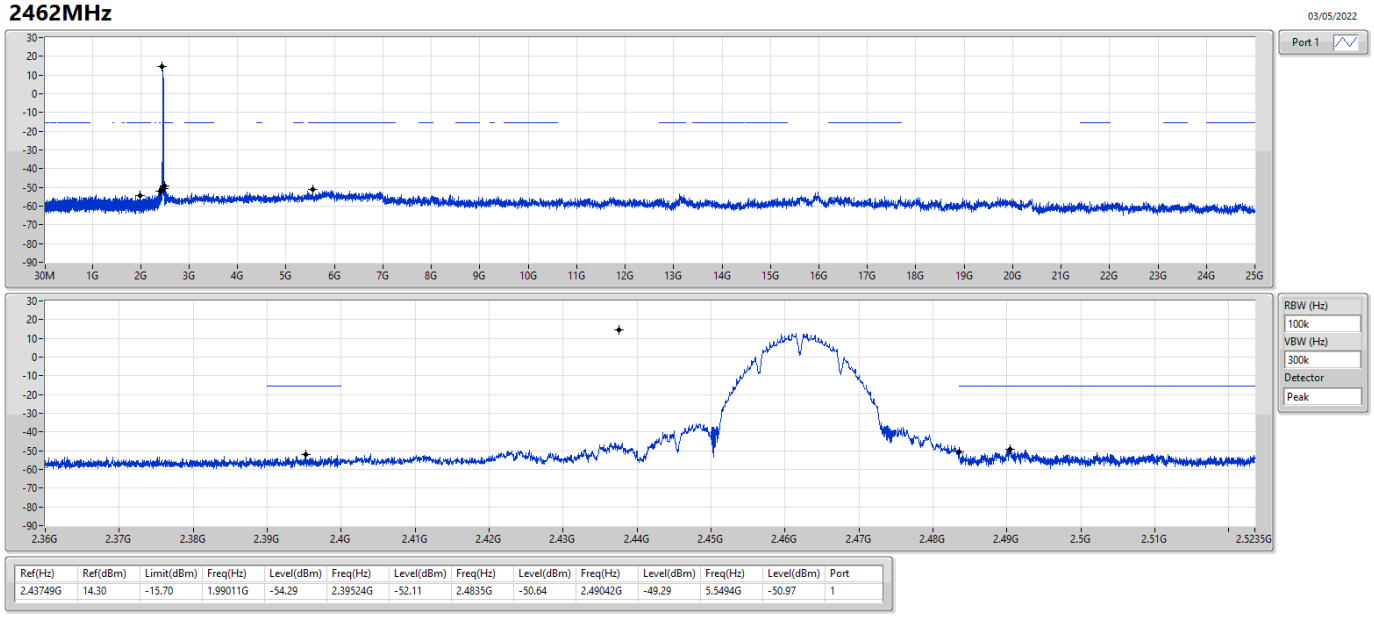
2437MHz



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
2.43749G	14.30	-15.70	859.77M	-54.00	2.39748G	-46.47	2.4G	-50.67	2.48696G	-46.78	6.69008G	-50.98	1

802.11b_Nss1,(1Mbps)_1TX **CSENdB**

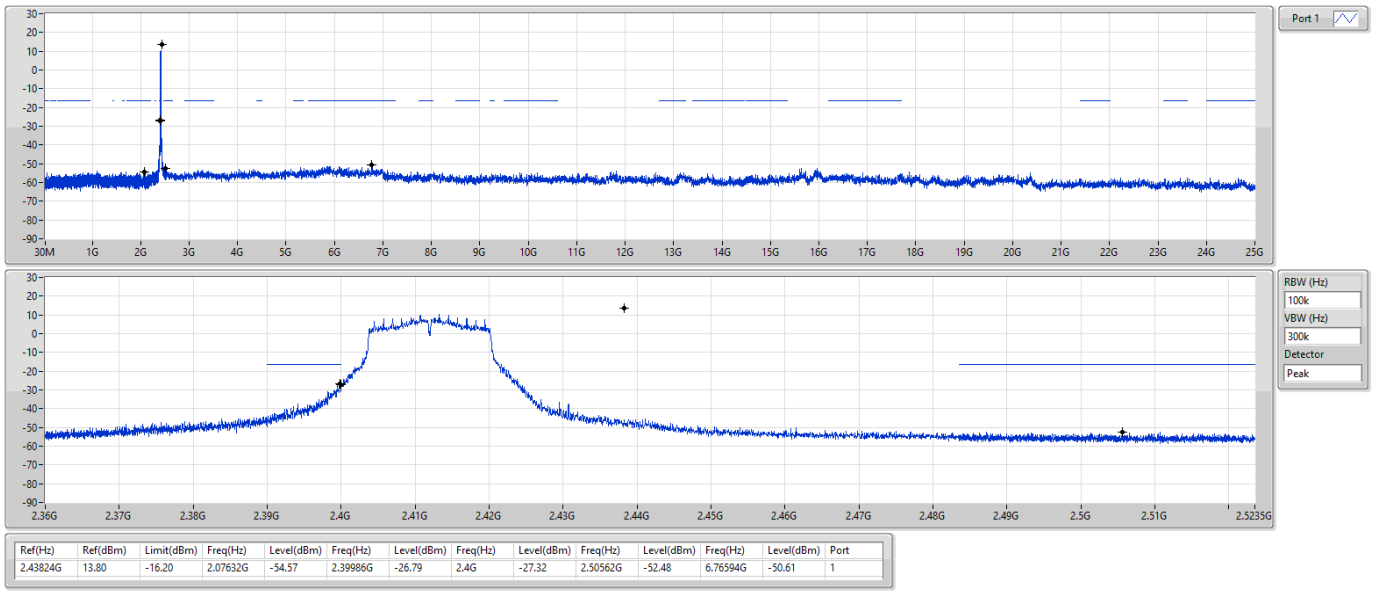
2462MHz



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
2.43749G	14.30	-15.70	1.99011G	-54.29	2.39524G	-52.11	2.4835G	-50.64	2.49042G	-49.29	5.5494G	-50.97	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

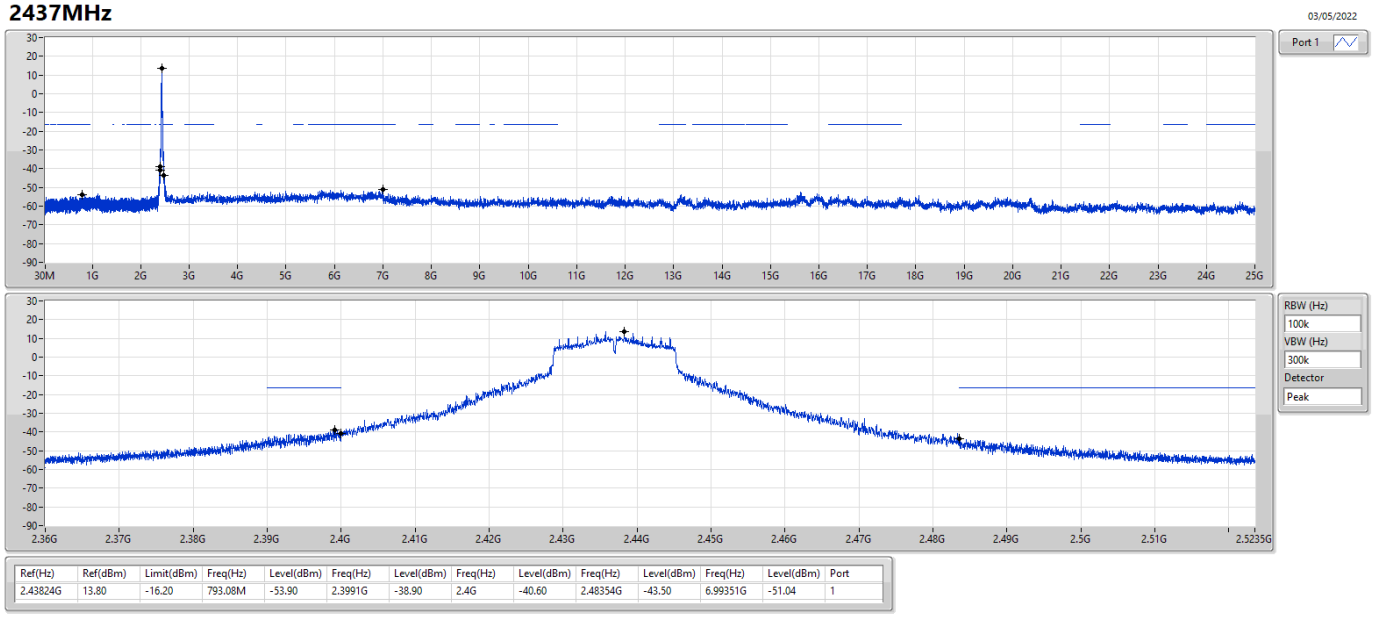
2412MHz



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
2.43824G	13.80	-16.20	2.07632G	-54.57	2.39986G	-26.79	2.4G	-27.32	2.50562G	-52.48	6.76594G	-50.61	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

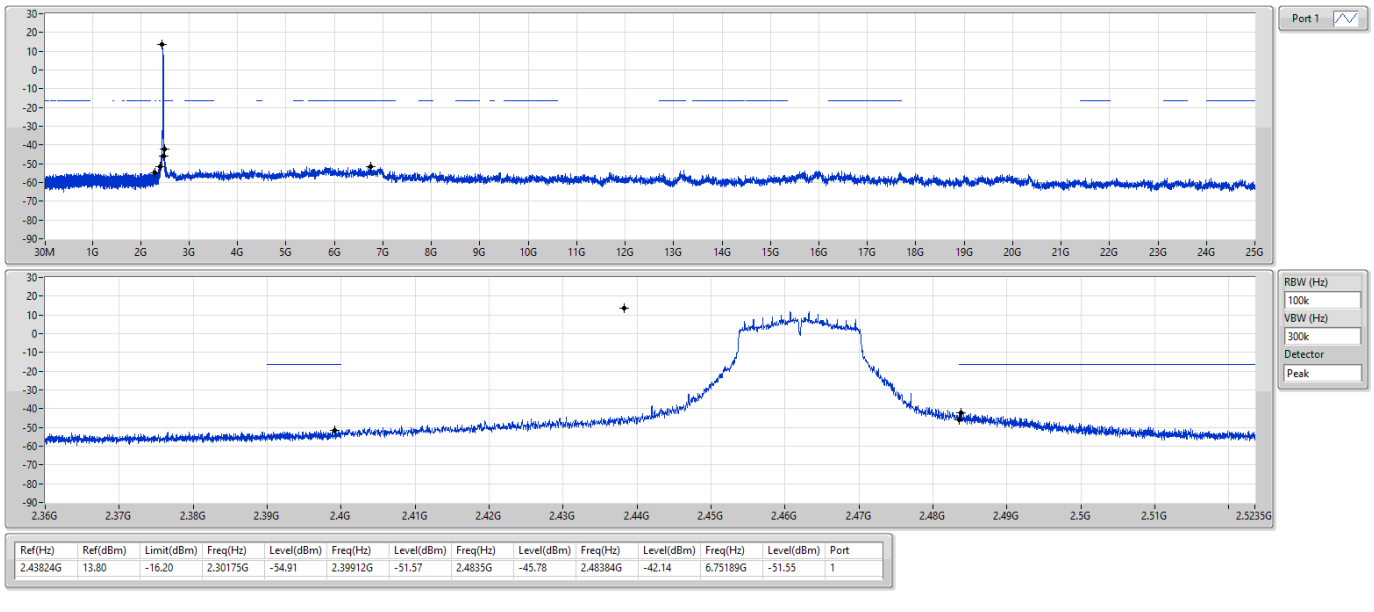
2437MHz



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
2.43824G	13.80	-16.20	793.08M	-53.90	2.3991G	-38.90	2.4G	-40.60	2.48354G	-43.50	6.99351G	-51.04	1

802.11g_Nss1,(6Mbps)_1TX **CSENdB**

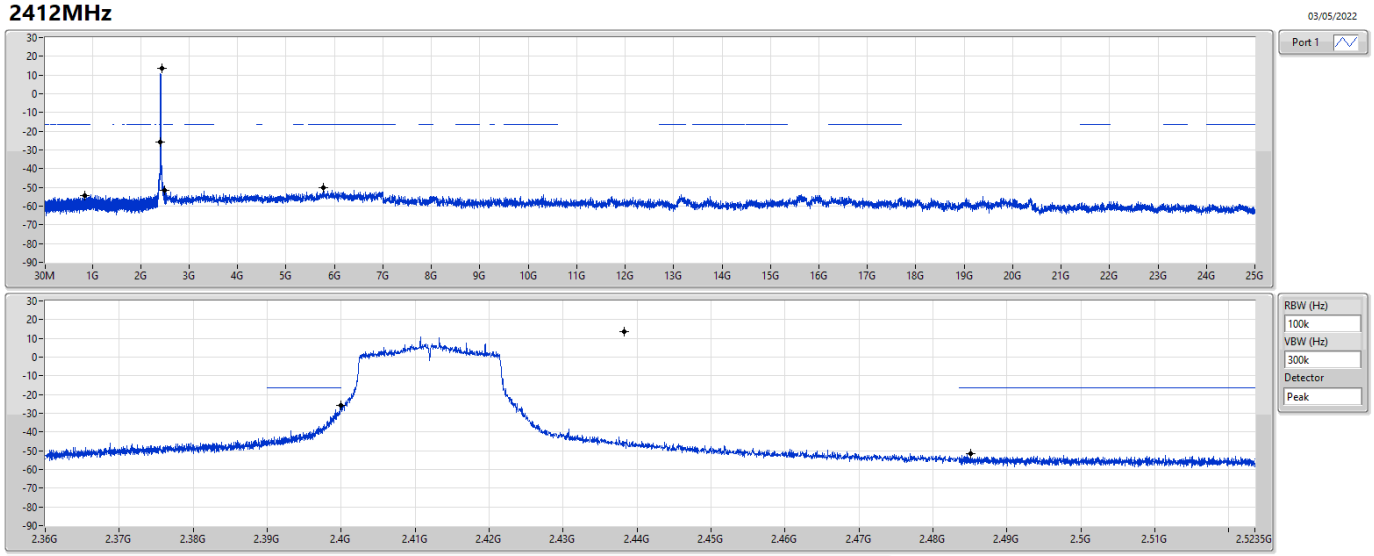
2462MHz



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
2.43824G	13.80	-16.20	2.30175G	-54.91	2.39912G	-51.57	2.4835G	-45.78	2.48384G	-42.14	6.75189G	-51.55	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

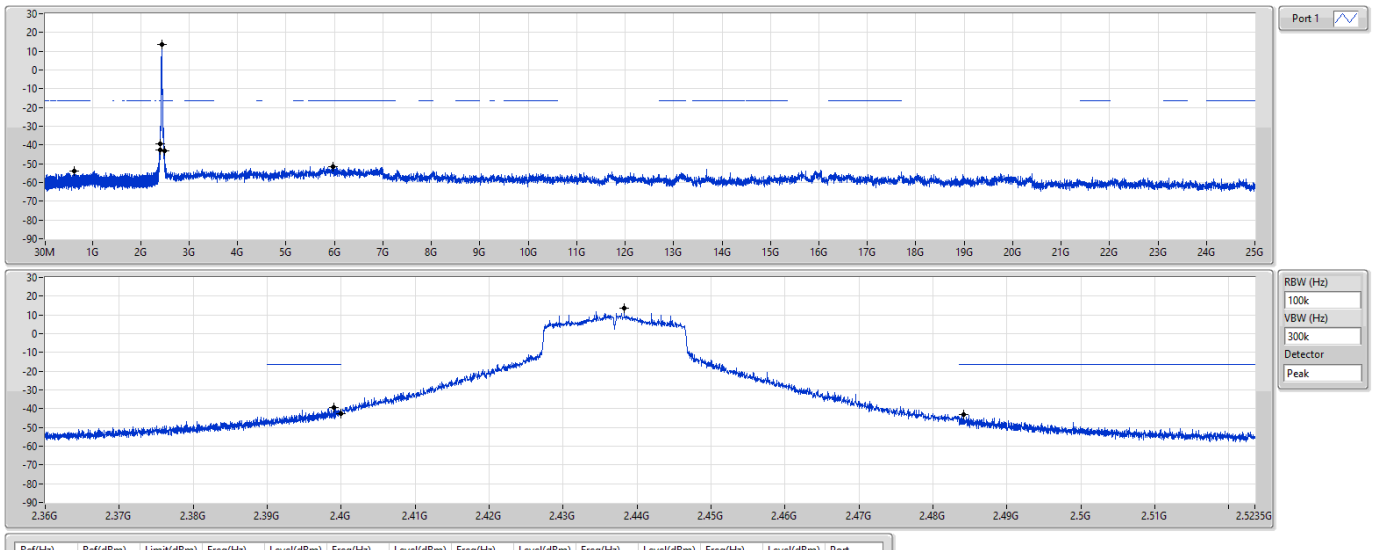
2412MHz



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
2.43824G	13.68	-16.32	852.49M	-54.47	2.39998G	-25.58	2.4G	-25.62	2.48506G	-51.79	5.77135G	-49.98	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

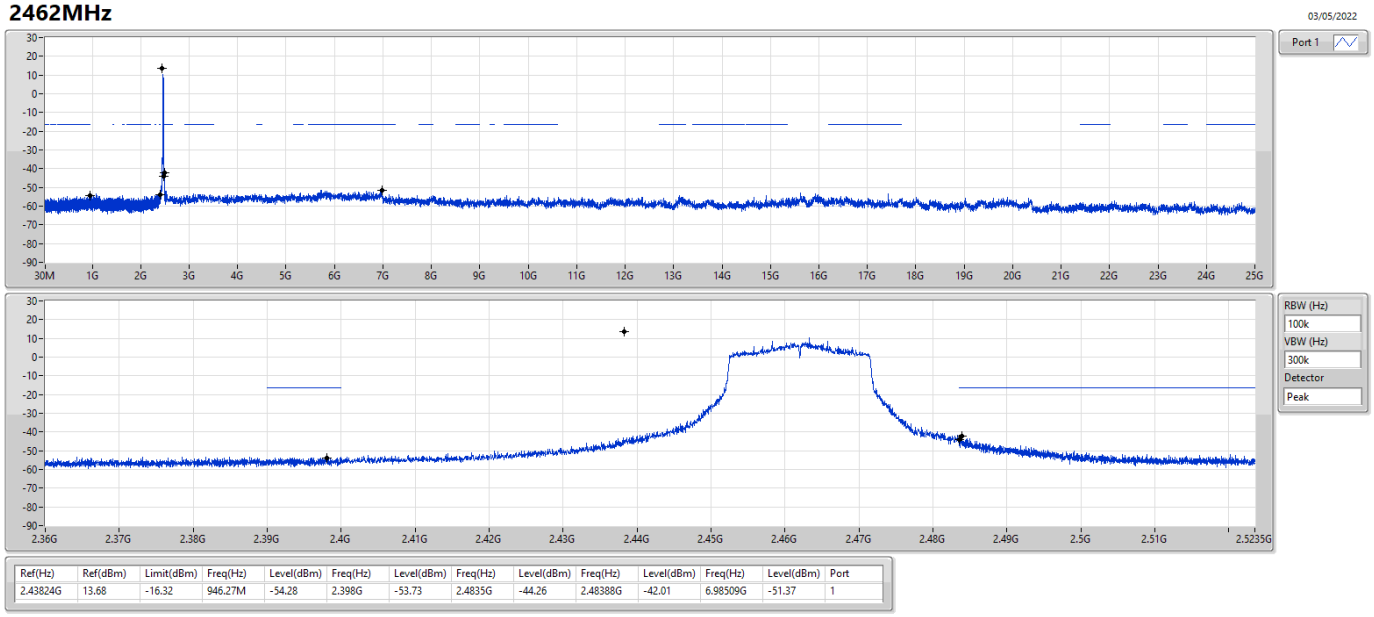
2437MHz



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
2.43824G	13.68	-16.32	618.91M	-54.04	2.399G	-39.58	2.4G	-42.47	2.48418G	-43.26	5.96802G	-51.43	1

802.11ax HEW20_Nss1,(MCS0)_1TX **CSENdB**

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
2.43824G	13.68	-16.32	946.27M	-54.28	2.398G	-53.73	2.4835G	-44.26	2.48388G	-42.01	6.98509G	-51.37	1

Summary

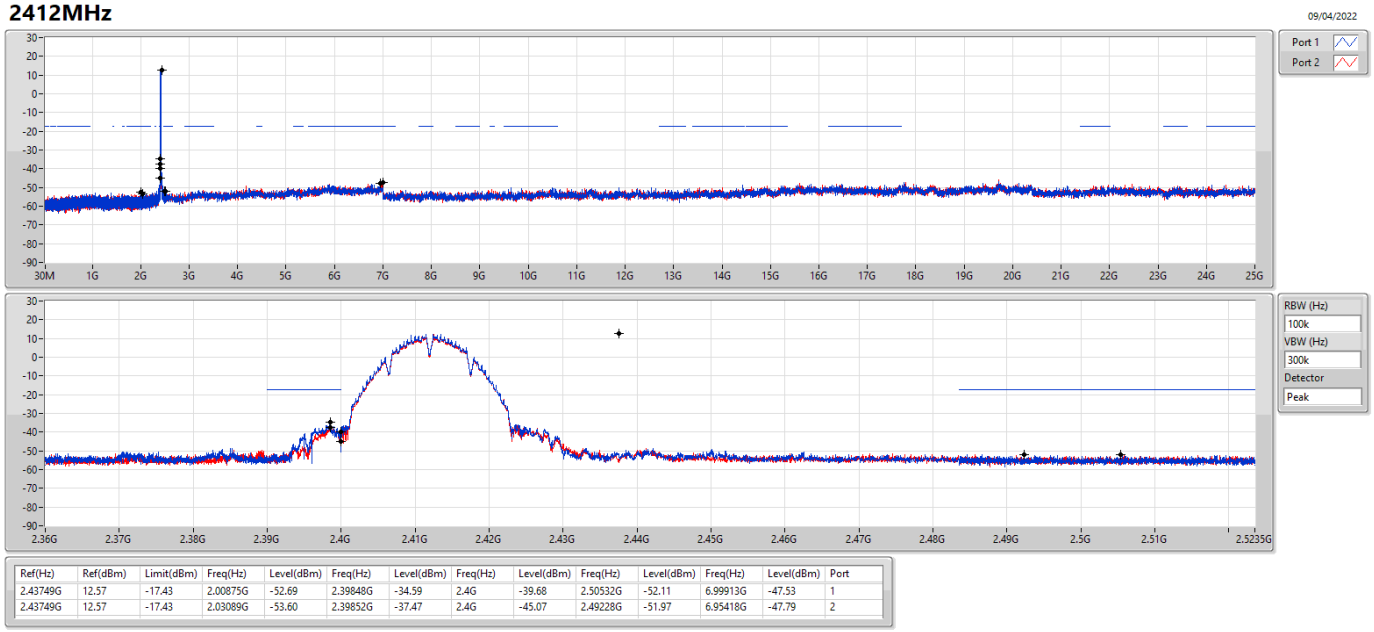
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43749G	12.57	-17.43	2.00875G	-52.69	2.39848G	-34.59	2.4G	-39.68	2.50532G	-52.11	6.99913G	-47.53	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	13.59	-16.41	946.86M	-52.92	2.3998G	-27.57	2.4G	-27.60	2.49782G	-50.60	16.45612G	-47.49	1
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.4357G	13.42	-16.58	2.30758G	-52.02	2.39976G	-27.12	2.4G	-27.63	2.49244G	-51.08	5.8135G	-48.19	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43749G	12.57	-17.43	2.00875G	-52.69	2.39848G	-34.59	2.4G	-39.68	2.50532G	-52.11	6.99913G	-47.53	1
2412MHz	Pass	2.43749G	12.57	-17.43	2.03089G	-53.60	2.39852G	-37.47	2.4G	-45.07	2.49228G	-51.97	6.95418G	-47.79	2
2437MHz	Pass	2.43749G	12.57	-17.43	944.23M	-53.10	2.39496G	-50.96	2.4G	-53.51	2.4942G	-51.28	17.66704G	-48.46	1
2437MHz	Pass	2.43749G	12.57	-17.43	2.06147G	-52.87	2.39344G	-52.02	2.4835G	-55.80	2.4899G	-51.63	6.8137G	-47.49	2
2462MHz	Pass	2.43749G	12.57	-17.43	761.33M	-53.28	2.39576G	-52.55	2.4835G	-54.18	2.48694G	-48.49	5.85845G	-48.73	1
2462MHz	Pass	2.43749G	12.57	-17.43	900.84M	-52.01	2.392G	-51.35	2.4835G	-51.93	2.48496G	-48.44	5.78821G	-47.00	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	13.59	-16.41	946.86M	-52.92	2.3998G	-27.57	2.4G	-27.60	2.49782G	-50.60	16.45612G	-47.49	1
2412MHz	Pass	2.43824G	13.59	-16.41	2.19748G	-53.66	2.39982G	-29.24	2.4G	-30.38	2.48948G	-51.11	17.67266G	-47.64	2
2437MHz	Pass	2.43824G	13.59	-16.41	845.5M	-52.60	2.39914G	-39.55	2.4G	-42.66	2.48358G	-43.88	5.80788G	-47.81	1
2437MHz	Pass	2.43824G	13.59	-16.41	2.13195G	-53.38	2.39786G	-37.84	2.4G	-41.73	2.48448G	-41.90	6.81932G	-47.23	2
2462MHz	Pass	2.43824G	13.59	-16.41	895.01M	-51.76	2.39648G	-51.77	2.4835G	-50.05	2.4894G	-47.49	5.9034G	-47.92	1
2462MHz	Pass	2.43824G	13.59	-16.41	2.00497G	-52.65	2.395G	-50.70	2.4835G	-49.13	2.48354G	-48.32	6.83618G	-47.14	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4357G	13.42	-16.58	908.12M	-53.15	2.4G	-27.93	2.4G	-28.28	2.4869G	-51.03	14.59057G	-48.05	1
2412MHz	Pass	2.4357G	13.42	-16.58	2.30758G	-52.02	2.39976G	-27.12	2.4G	-27.63	2.49244G	-51.08	5.8135G	-48.19	2
2437MHz	Pass	2.4357G	13.42	-16.58	1.82264G	-53.08	2.39772G	-42.67	2.4G	-45.05	2.48454G	-45.19	6.99351G	-46.29	1
2437MHz	Pass	2.4357G	13.42	-16.58	2.14972G	-53.13	2.39962G	-40.50	2.4G	-42.88	2.48514G	-43.80	6.98509G	-48.15	2
2462MHz	Pass	2.4357G	13.42	-16.58	1.63595G	-52.83	2.3971G	-51.96	2.4835G	-47.39	2.48434G	-47.57	16.83822G	-48.20	1
2462MHz	Pass	2.4357G	13.42	-16.58	2.30816G	-51.91	2.3961G	-51.22	2.4835G	-46.95	2.48422G	-45.42	6.98789G	-47.71	2

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

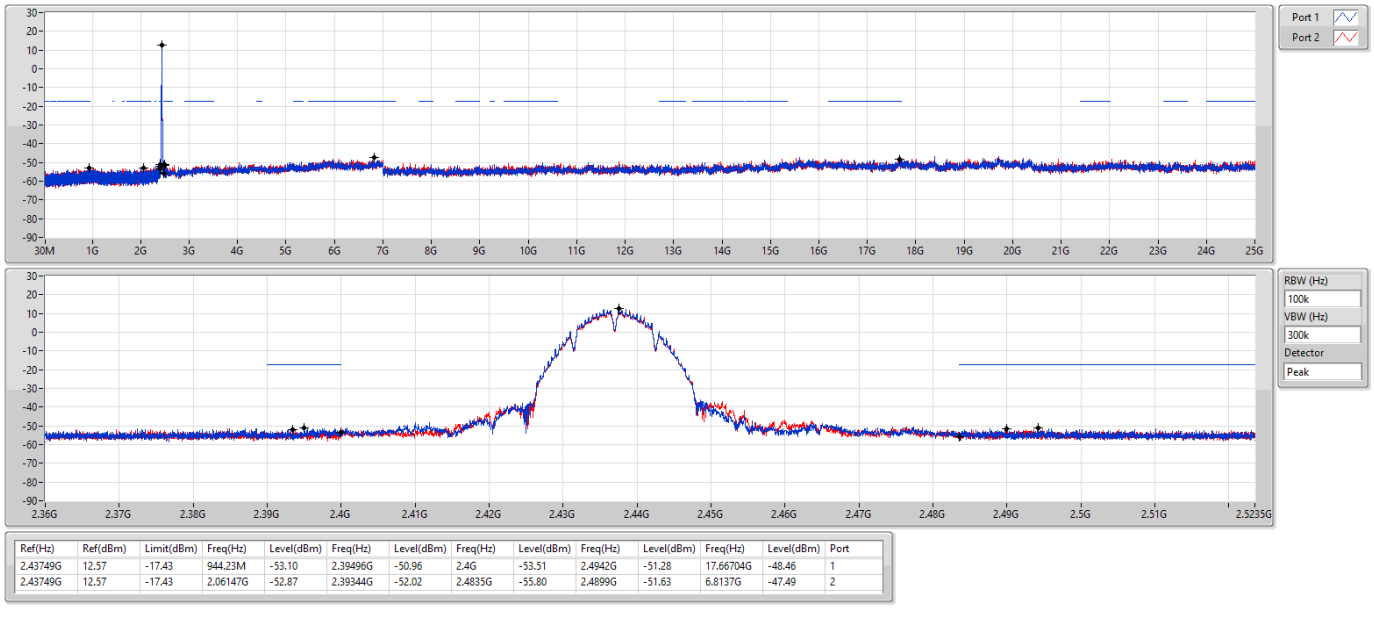
2412MHz



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
2.43749G	12.57	-17.43	2.00875G	-52.69	2.39848G	-34.59	2.4G	-39.68	2.50532G	-52.11	6.99913G	-47.53	1
2.43749G	12.57	-17.43	2.03089G	-53.60	2.39852G	-37.47	2.4G	-45.07	2.49228G	-51.97	6.95418G	-47.79	2

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

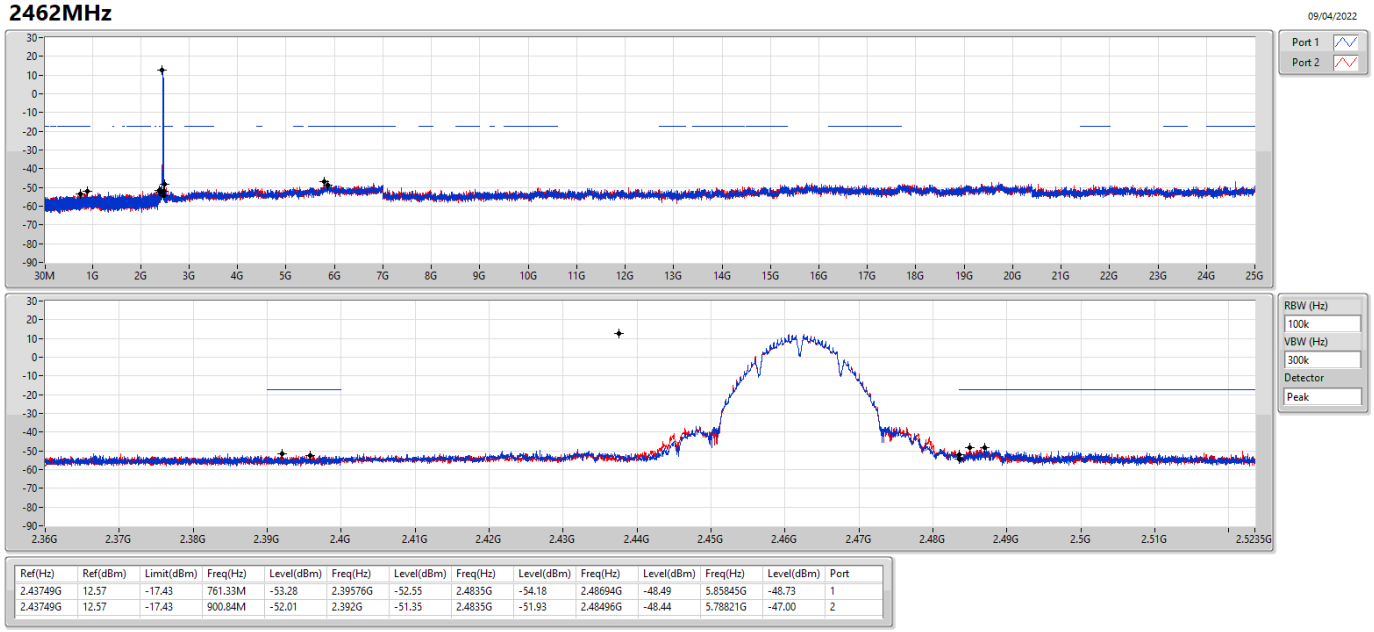
2437MHz



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
2.43749G	12.57	-17.43	944.23M	-53.10	2.39496G	-50.96	2.4G	-53.51	2.4942G	-51.28	17.66704G	-48.46	1
2.43749G	12.57	-17.43	2.06147G	-52.87	2.39344G	-52.02	2.4835G	-55.80	2.4899G	-51.63	6.8137G	-47.49	2

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

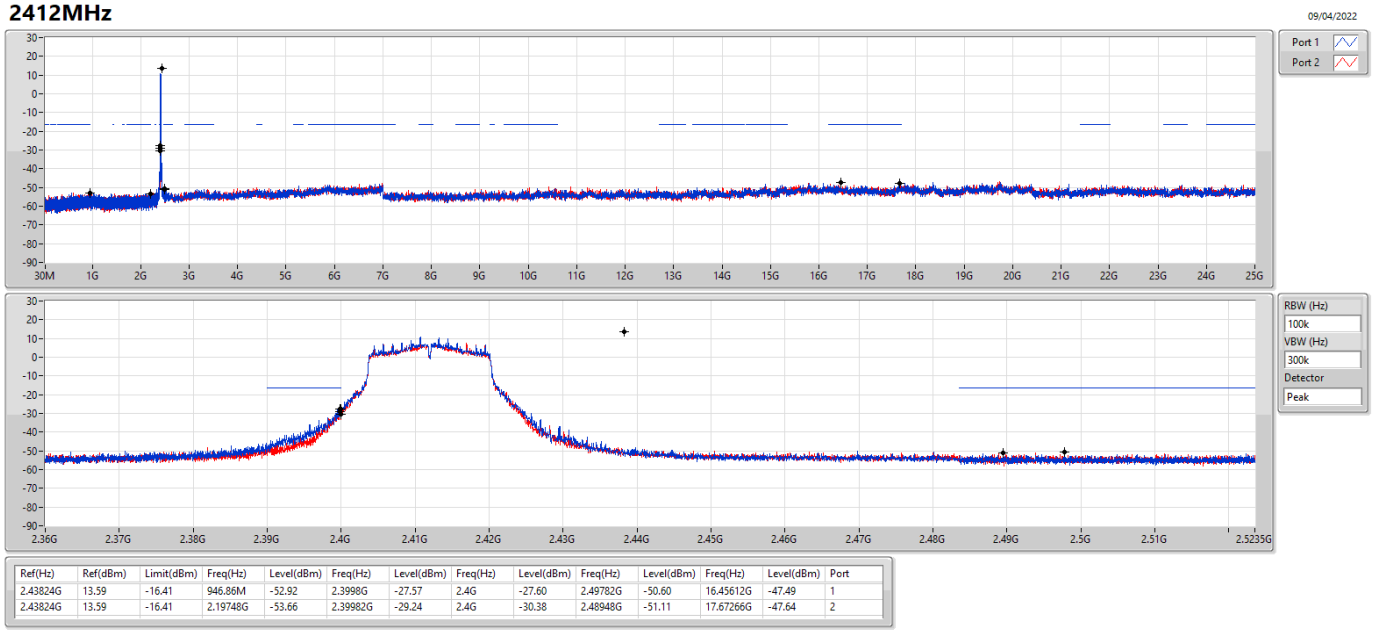
2462MHz



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
2.43749G	12.57	-17.43	761.33M	-53.28	2.39576G	-52.55	2.4835G	-54.18	2.48694G	-48.49	5.85845G	-48.73	1
2.43749G	12.57	-17.43	900.84M	-52.01	2.392G	-51.35	2.4835G	-51.93	2.48496G	-48.44	5.78821G	-47.00	2

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

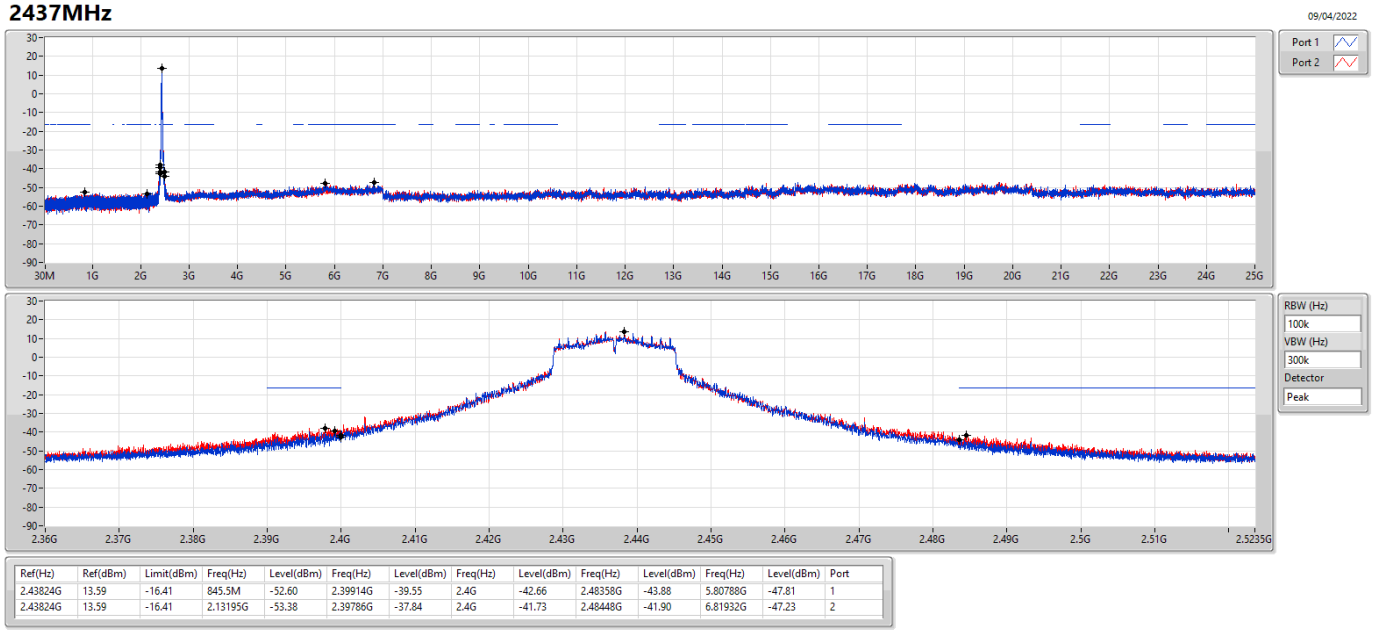
2412MHz



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
2.43824G	13.59	-16.41	946.86M	-52.92	2.3998G	-27.57	2.4G	-27.60	2.49782G	-50.60	16.45612G	-47.49	1
2.43824G	13.59	-16.41	2.19748G	-53.66	2.39982G	-29.24	2.4G	-30.38	2.48948G	-51.11	17.67266G	-47.64	2

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

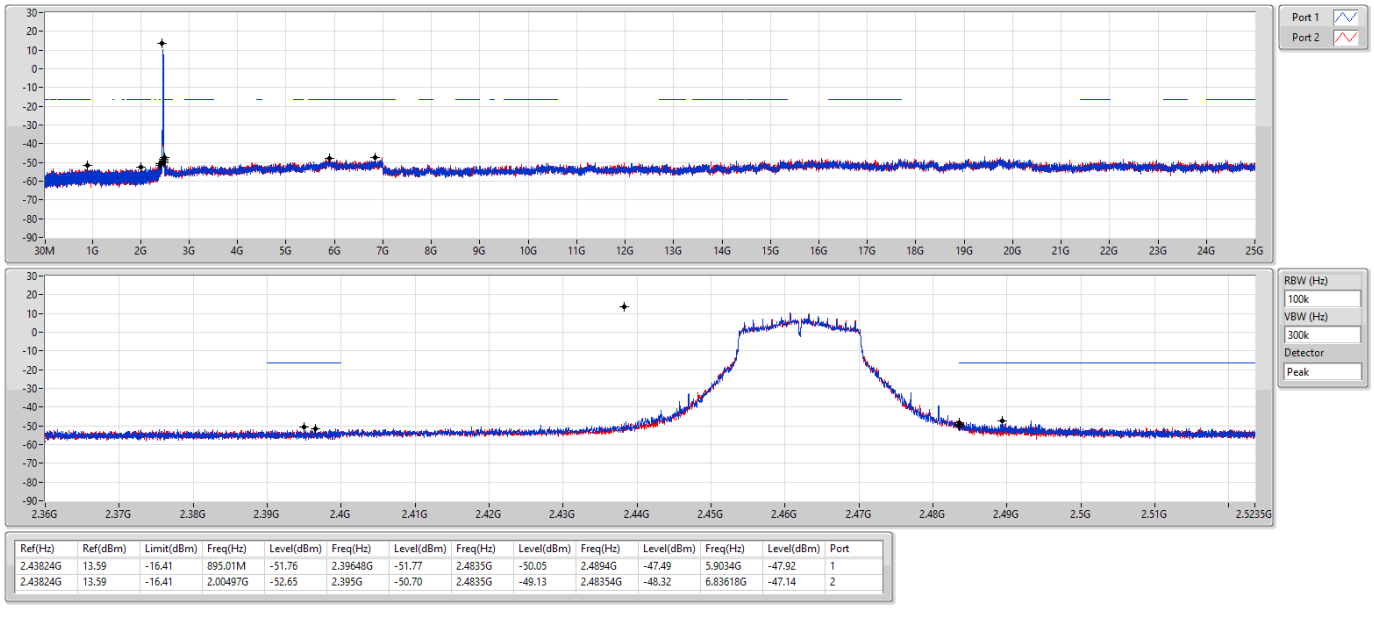
2437MHz



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
2.43824G	13.59	-16.41	845.5M	-52.60	2.39914G	-39.55	2.4G	-42.66	2.48358G	-43.88	5.80788G	-47.81	1
2.43824G	13.59	-16.41	2.13195G	-53.38	2.39786G	-37.84	2.4G	-41.73	2.48448G	-41.90	6.81932G	-47.23	2

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

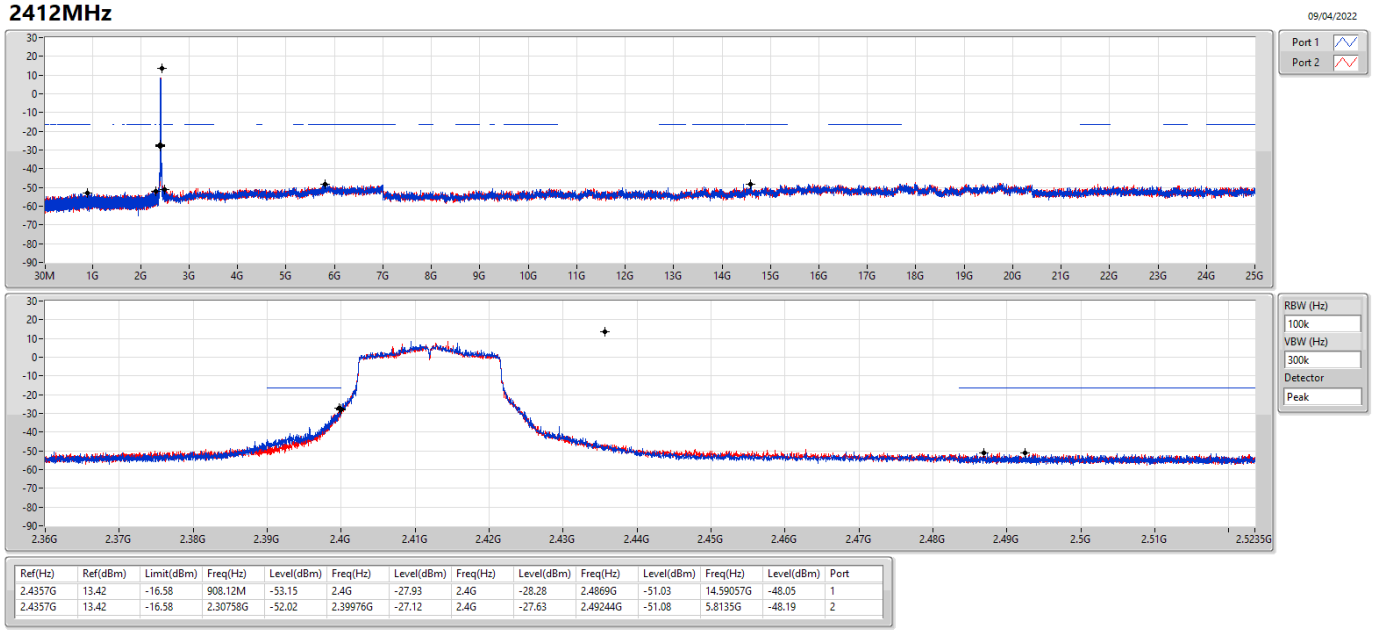
2462MHz



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
2.43824G	13.59	-16.41	895.01M	-51.76	2.39648G	-51.77	2.4835G	-50.05	2.4894G	-47.49	5.9034G	-47.92	1
2.43824G	13.59	-16.41	2.00497G	-52.65	2.395G	-50.70	2.4835G	-49.13	2.48354G	-48.32	6.83618G	-47.14	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

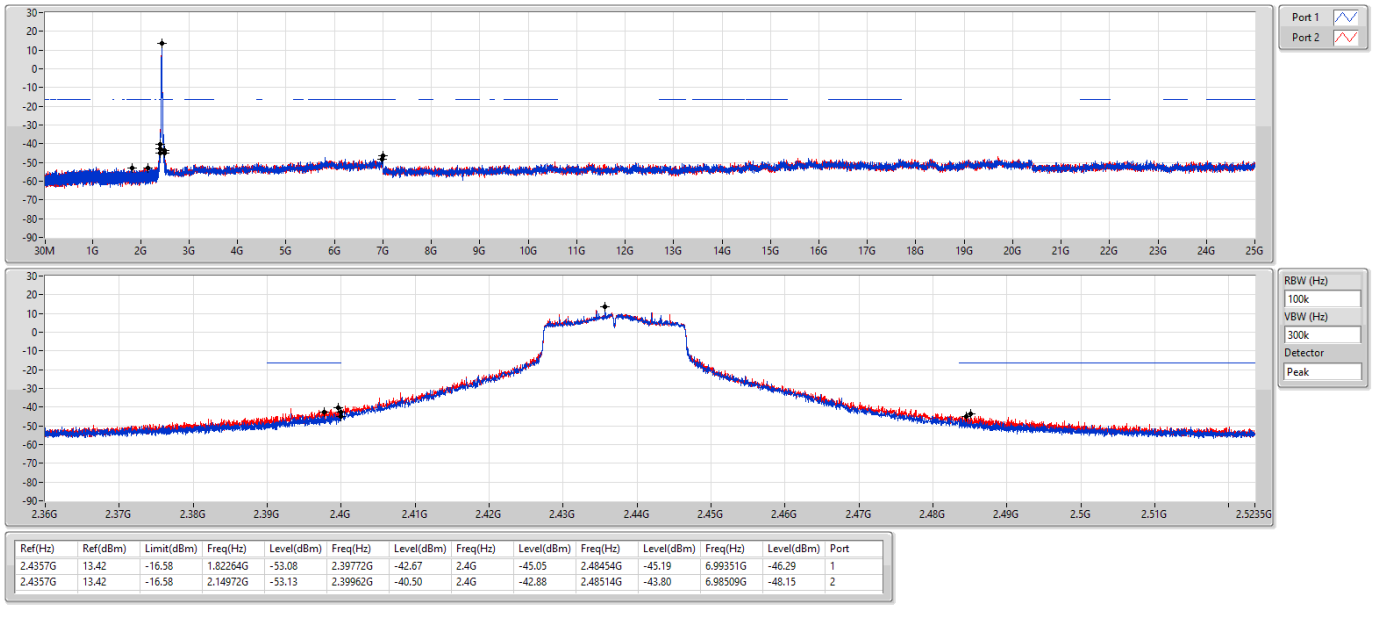
2412MHz



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
2.4357G	13.42	-16.58	908.12M	-53.15	2.4G	-27.93	2.4G	-28.28	2.4869G	-51.03	14.59057G	-48.05	1
2.4357G	13.42	-16.58	2.30758G	-52.02	2.39976G	-27.12	2.4G	-27.63	2.49244G	-51.08	5.8135G	-48.19	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

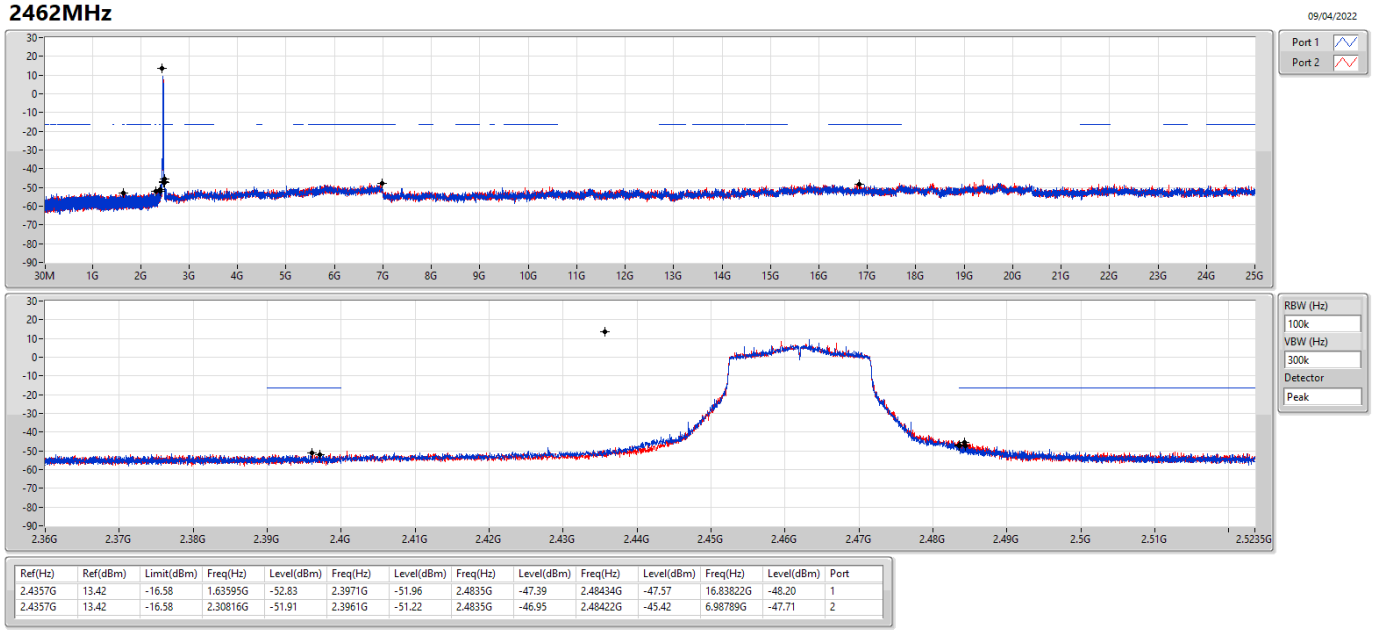
2437MHz



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
2.4357G	13.42	-16.58	1.82264G	-53.08	2.39772G	-42.67	2.4G	-45.05	2.48454G	-45.19	6.99351G	-46.29	1
2.4357G	13.42	-16.58	2.14972G	-53.13	2.39962G	-40.50	2.4G	-42.88	2.48514G	-43.80	6.98509G	-48.15	2

802.11ax HEW20_Nss1,(MCS0)_2TX **CSENdB**

2462MHz

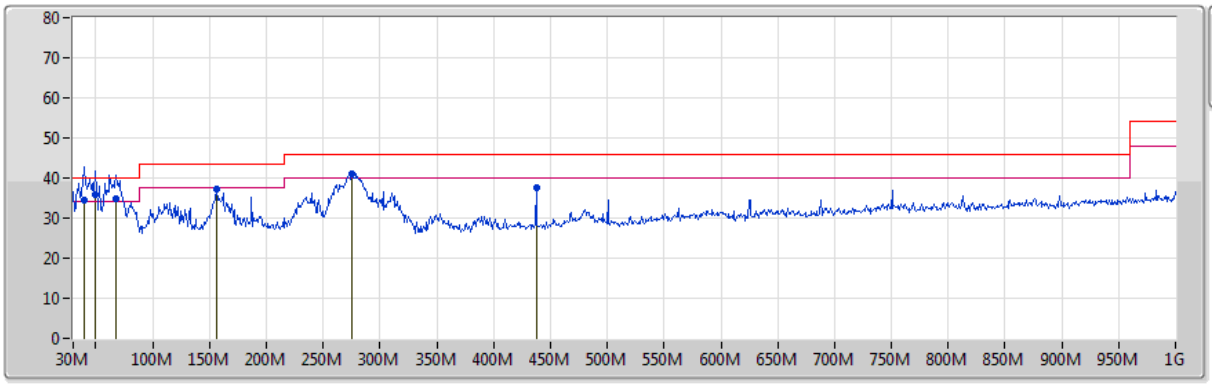


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4357G	13.42	-16.58	1.63595G	-52.83	2.3971G	-51.96	2.4835G	-47.39	2.48434G	-47.57	16.83822G	-48.20	1
2.4357G	13.42	-16.58	2.30816G	-51.91	2.3961G	-51.22	2.4835G	-46.95	2.48422G	-45.42	6.98789G	-47.71	2

Summary

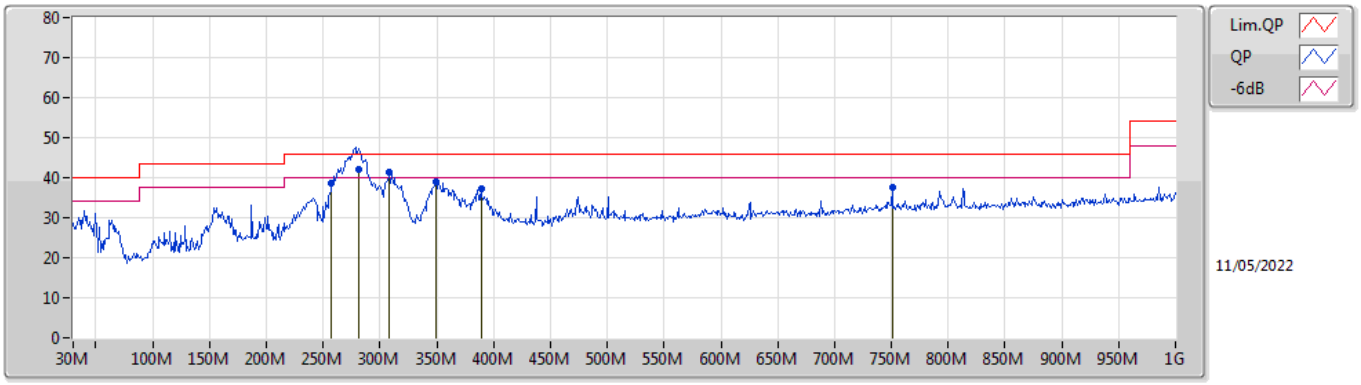
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 6	Pass	QP	281.23M	41.98	46.00	-4.02	Horizontal

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	39.7M	34.62	40.00	-5.38	-11.37	3	Vertical	225	1.00	-	45.99	19.29	1.80	32.46
QP	49.4M	35.95	40.00	-4.05	-16.10	3	Vertical	285	1.00	"Worst"	52.05	14.59	1.80	32.49
QP	67.83M	34.84	40.00	-5.16	-17.99	3	Vertical	214	1.25	-	52.83	12.34	2.10	32.43
PK	156.1M	37.08	43.50	-6.42	-13.42	3	Vertical	240	1.25	-	50.50	16.19	2.76	32.37
PK	275.41M	40.97	46.00	-5.03	-10.17	3	Vertical	0	1.50	-	51.14	18.57	3.60	32.34
PK	437.4M	37.46	46.00	-8.54	-5.33	3	Vertical	233	1.25	-	42.79	22.32	4.55	32.20

Mode 6



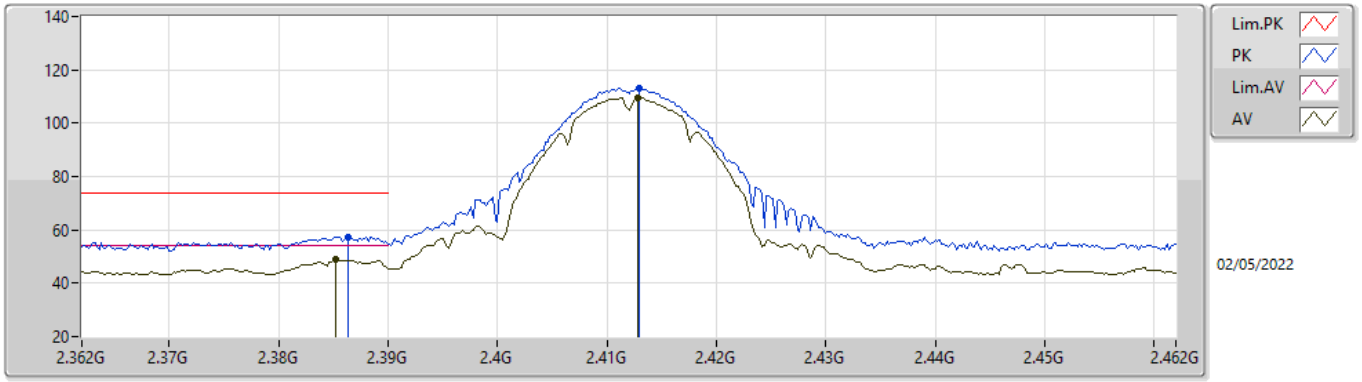
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	256.98M	38.78	46.00	-7.22	-9.59	3	Horizontal	271	1.00	-	48.37	19.26	3.46	32.31
QP	281.23M	41.98	46.00	-4.02	-10.05	3	Horizontal	289	1.00	"Worst"	52.03	18.64	3.65	32.34
PK	308.39M	41.29	46.00	-4.71	-9.33	3	Horizontal	278	1.25	-	50.62	19.18	3.82	32.33
PK	349.13M	38.84	46.00	-7.16	-8.16	3	Horizontal	184	1.25	-	47.00	20.10	3.90	32.16
PK	388.9M	37.25	46.00	-8.75	-6.93	3	Horizontal	203	1.00	-	44.18	21.09	4.29	32.31
PK	750.71M	37.51	46.00	-8.49	-0.64	3	Horizontal	232	1.25	-	38.15	25.54	5.80	31.98

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 HEW20_Nss1,(MCS0)_1TX	Pass	AV	2.4836G	53.92	54.00	-0.08	3	Horizontal	321	1.88	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

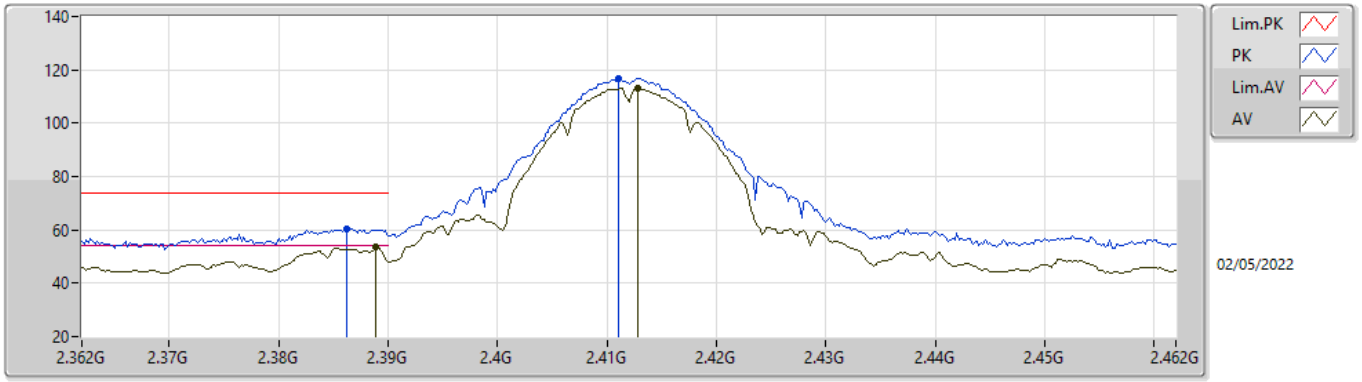


EUT X_1TX
Setting 23
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3864G	57.46	74.00	-16.54	27.20	3	Vertical	251	2.94	-	27.47	2.79	-
AV	2.3852G	48.96	54.00	-5.04	18.70	3	Vertical	251	2.94	-	27.47	2.79	-
PK	2.413G	113.22	Inf	-Inf	82.88	3	Vertical	251	2.94	-	27.53	2.81	-
AV	2.4128G	109.61	Inf	-Inf	79.27	3	Vertical	251	2.94	-	27.53	2.81	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

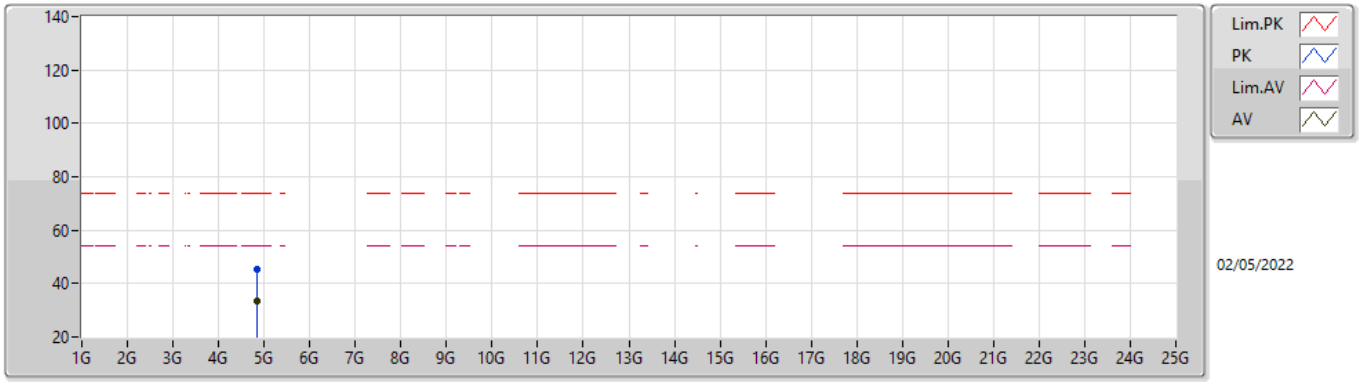


EUT X_1TX
Setting 23
04-D-S-8

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	2.3862G	60.28	74.00	-13.72	30.02	3	Horizontal	326	1.75	-	27.47	2.79	-
AV	2.3888G	53.42	54.00	-0.58	23.15	3	Horizontal	326	1.75	-	27.48	2.79	-
PK	2.411G	116.81	Inf	-Inf	86.48	3	Horizontal	326	1.75	-	27.52	2.81	-
AV	2.4128G	113.13	Inf	-Inf	82.79	3	Horizontal	326	1.75	-	27.53	2.81	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

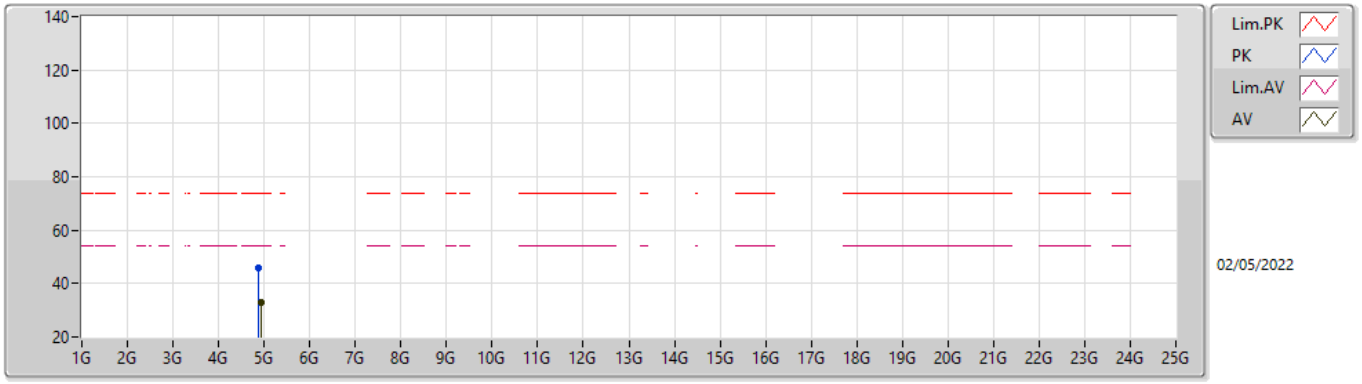


EUT Y_1TX
Setting 23
04-D-S-8

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	4.8364G	45.37	74.00	-28.63	41.05	3	Vertical	55	1.39	-	32.75	4.82	33.25
AV	4.8364G	33.35	54.00	-20.65	29.03	3	Vertical	55	1.39	-	32.75	4.82	33.25

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

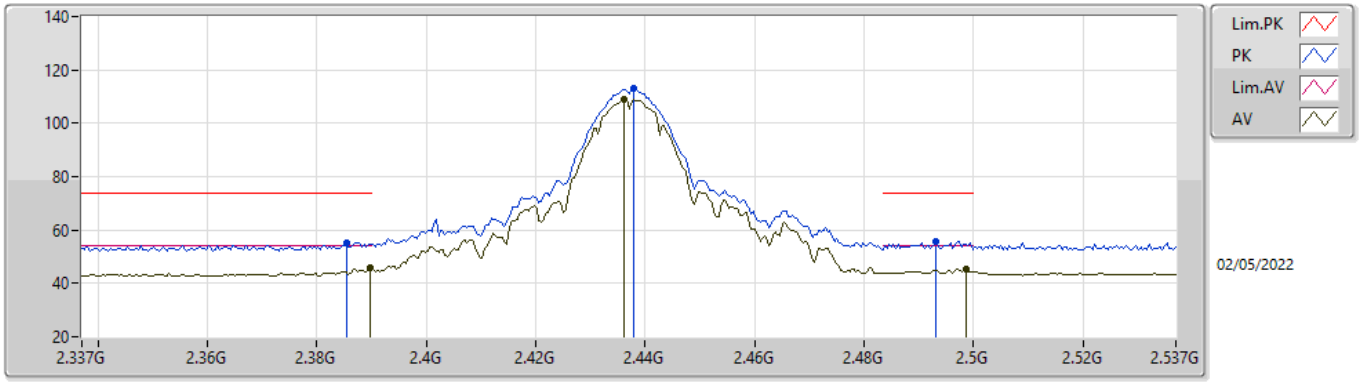


EUT Y_1TX
Setting 23
04-D-S-8

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	4.8588G	45.63	74.00	-28.37	41.19	3	Horizontal	25	2.34	-	32.84	4.83	33.23
AV	4.9196G	33.18	54.00	-20.82	28.48	3	Horizontal	25	2.34	-	33.04	4.86	33.20

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

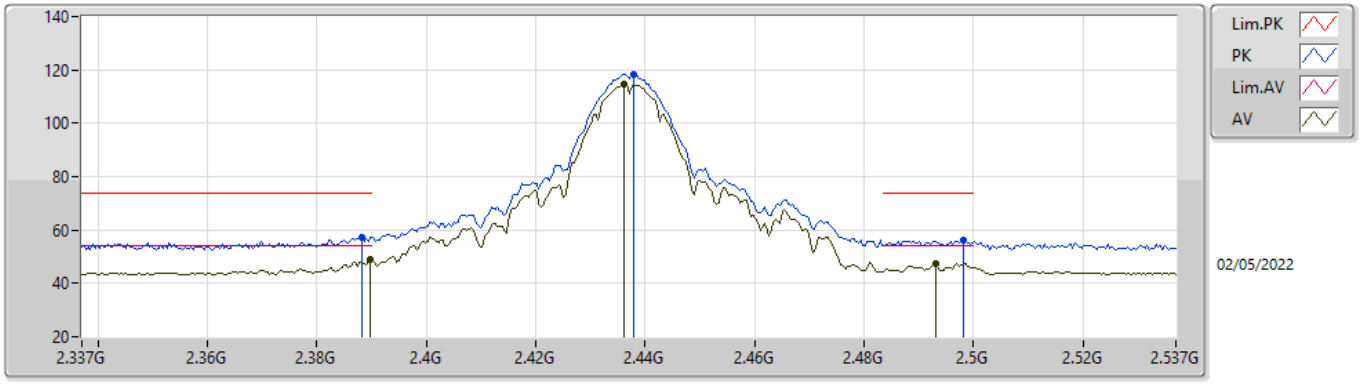


EUT X_1TX
Setting 24.5
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3854G	55.42	74.00	-18.58	25.16	3	Vertical	307	2.78	-	27.47	2.79	-
AV	2.3898G	45.87	54.00	-8.13	15.60	3	Vertical	307	2.78	-	27.48	2.79	-
PK	2.4378G	112.89	Inf	-Inf	82.49	3	Vertical	307	2.78	-	27.58	2.82	-
AV	2.4362G	108.93	Inf	-Inf	78.54	3	Vertical	307	2.78	-	27.57	2.82	-
PK	2.493G	55.78	74.00	-18.22	25.07	3	Vertical	307	2.78	-	27.86	2.85	-
AV	2.4986G	45.35	54.00	-8.65	14.61	3	Vertical	307	2.78	-	27.89	2.85	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

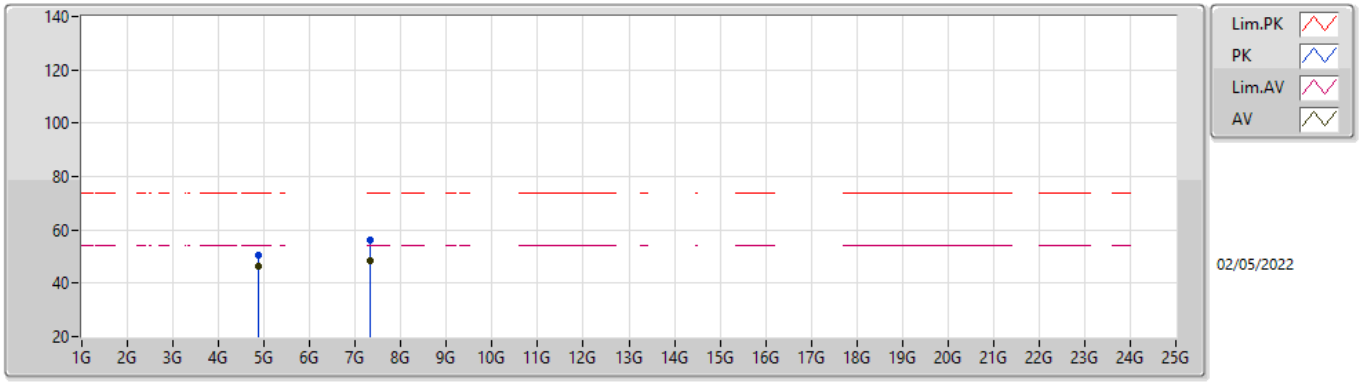


EUT X_1TX
Setting 24.5
04-D-S-8

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	57.00	74.00	-17.00	26.73	3	Horizontal	327	2.34	-	27.48	2.79	-
AV	2.3898G	48.94	54.00	-5.06	18.67	3	Horizontal	327	2.34	-	27.48	2.79	-
PK	2.4378G	118.47	Inf	-Inf	88.07	3	Horizontal	327	2.34	-	27.58	2.82	-
AV	2.4362G	114.72	Inf	-Inf	84.33	3	Horizontal	327	2.34	-	27.57	2.82	-
PK	2.4982G	56.08	74.00	-17.92	25.34	3	Horizontal	327	2.34	-	27.89	2.85	-
AV	2.493G	47.52	54.00	-6.48	16.81	3	Horizontal	327	2.34	-	27.86	2.85	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

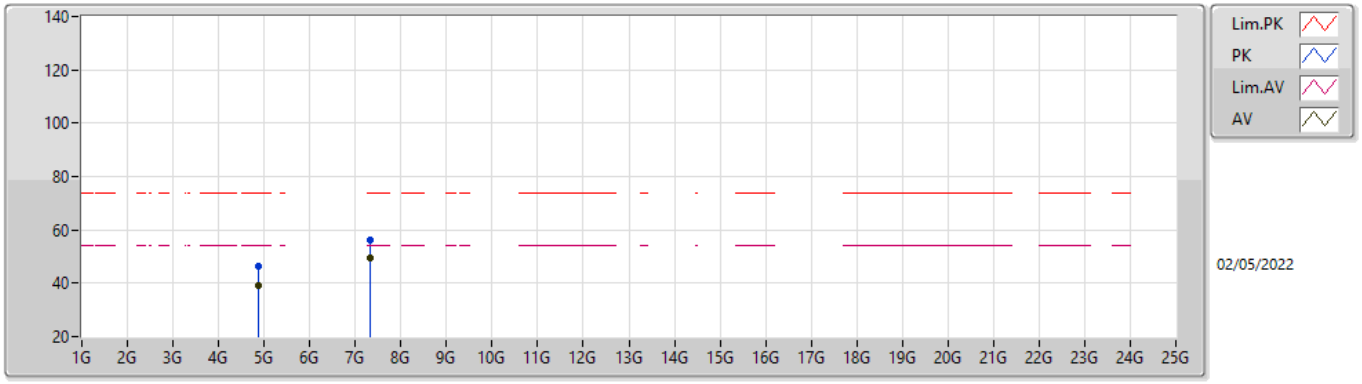


EUT Y_1TX
Setting 24.5
04-D-S-8

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	50.30	74.00	-23.70	45.79	3	Vertical	327	2.07	-	32.90	4.84	33.23
AV	4.874G	46.18	54.00	-7.82	41.67	3	Vertical	327	2.07	-	32.90	4.84	33.23
PK	7.31148G	56.09	74.00	-17.91	46.19	3	Vertical	327	1.03	-	37.50	6.06	33.66
AV	7.31172G	48.41	54.00	-5.59	38.51	3	Vertical	327	1.03	-	37.50	6.06	33.66

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

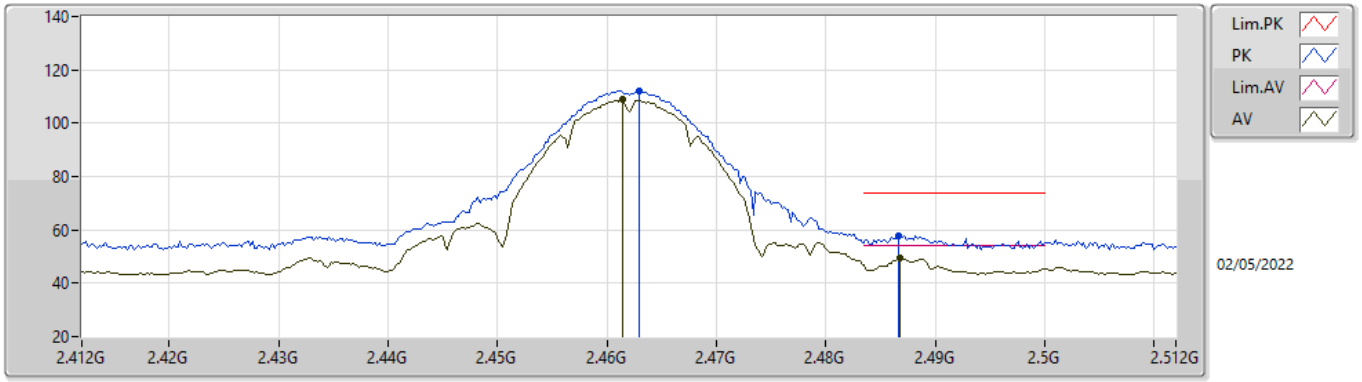


EUT Y_1TX
Setting 24.5
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.874G	46.42	74.00	-27.58	41.91	3	Horizontal	8	1.15	-	32.90	4.84	33.23
AV	4.874G	39.27	54.00	-14.73	34.76	3	Horizontal	8	1.15	-	32.90	4.84	33.23
PK	7.31172G	56.45	74.00	-17.55	46.55	3	Horizontal	44	2.32	-	37.50	6.06	33.66
AV	7.31166G	49.74	54.00	-4.26	39.84	3	Horizontal	44	2.32	-	37.50	6.06	33.66

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

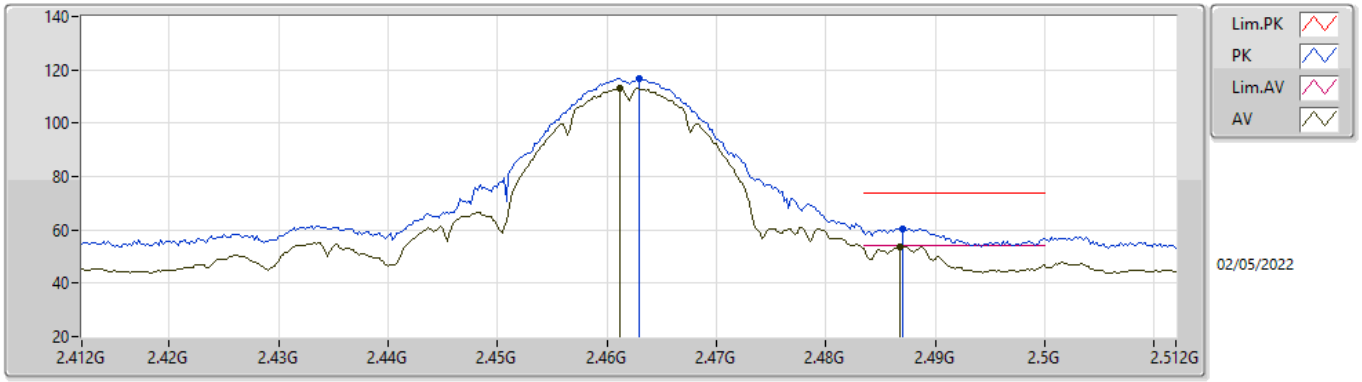


EUT X_1TX
Setting 23
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	112.31	Inf	-Inf	81.80	3	Vertical	301	2.56	-	27.68	2.83	-
AV	2.4614G	108.79	Inf	-Inf	78.29	3	Vertical	301	2.56	-	27.67	2.83	-
PK	2.4866G	57.71	74.00	-16.29	27.05	3	Vertical	301	2.56	-	27.82	2.84	-
AV	2.4868G	49.52	54.00	-4.48	18.86	3	Vertical	301	2.56	-	27.82	2.84	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

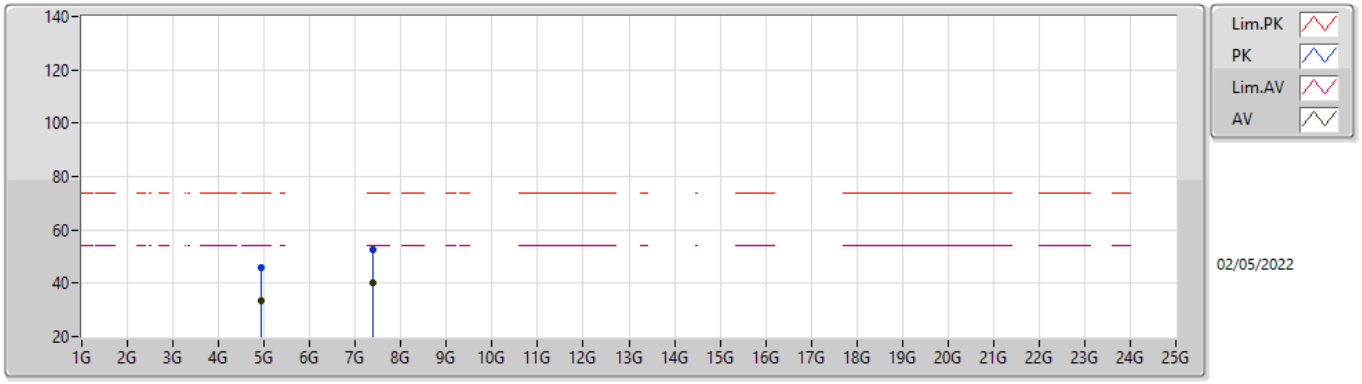


EUT X_1TX
Setting 23
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	116.79	Inf	-Inf	86.28	3	Horizontal	325	2.14	-	27.68	2.83	-
AV	2.4612G	113.02	Inf	-Inf	82.52	3	Horizontal	325	2.14	-	27.67	2.83	-
PK	2.487G	60.60	74.00	-13.40	29.94	3	Horizontal	325	2.14	-	27.82	2.84	-
AV	2.4868G	53.82	54.00	-0.18	23.16	3	Horizontal	325	2.14	-	27.82	2.84	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

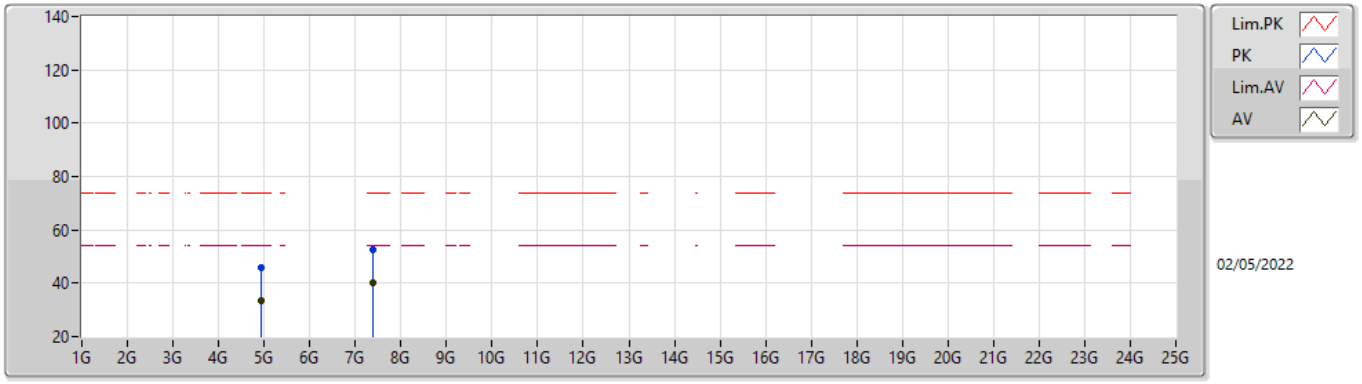


EUT Y_1TX
Setting 22.5
04-D-S-8

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	4.9265G	45.66	74.00	-28.34	40.95	3	Vertical	203	1.55	-	33.05	4.86	33.20
AV	4.92566G	33.50	54.00	-20.50	28.79	3	Vertical	203	1.55	-	33.05	4.86	33.20
PK	7.38212G	52.75	74.00	-21.25	42.78	3	Vertical	240	1.21	-	37.63	6.09	33.75
AV	7.3892G	40.12	54.00	-13.88	30.13	3	Vertical	240	1.21	-	37.66	6.09	33.76

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

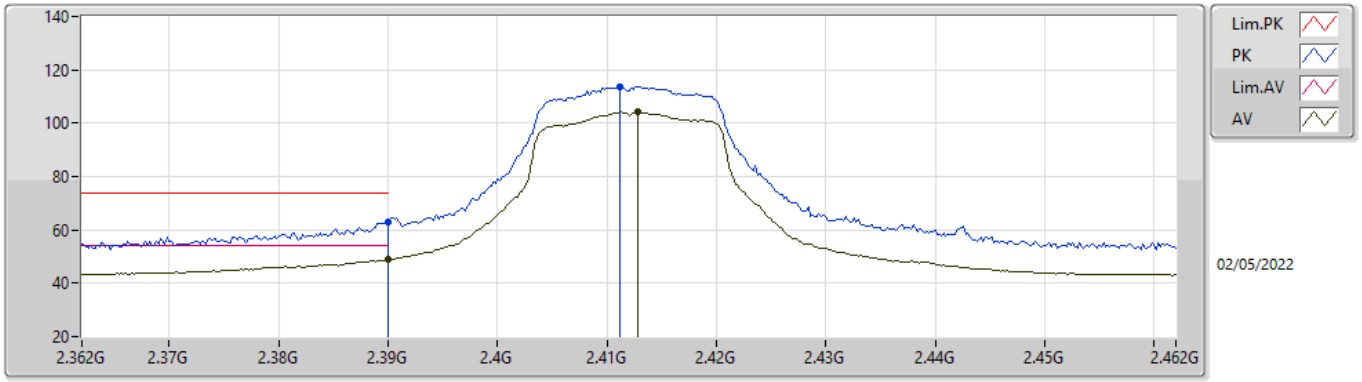


EUT Y_1TX
Setting 22.5
04-D-S-8

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	4.9286G	46.04	74.00	-27.96	41.32	3	Horizontal	81	2.50	-	33.06	4.86	33.20
AV	4.92722G	33.56	54.00	-20.44	28.85	3	Horizontal	81	2.50	-	33.05	4.86	33.20
PK	7.38484G	52.61	74.00	-21.39	42.63	3	Horizontal	263	1.72	-	37.64	6.09	33.75
AV	7.38394G	40.28	54.00	-13.72	30.30	3	Horizontal	263	1.72	-	37.64	6.09	33.75

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

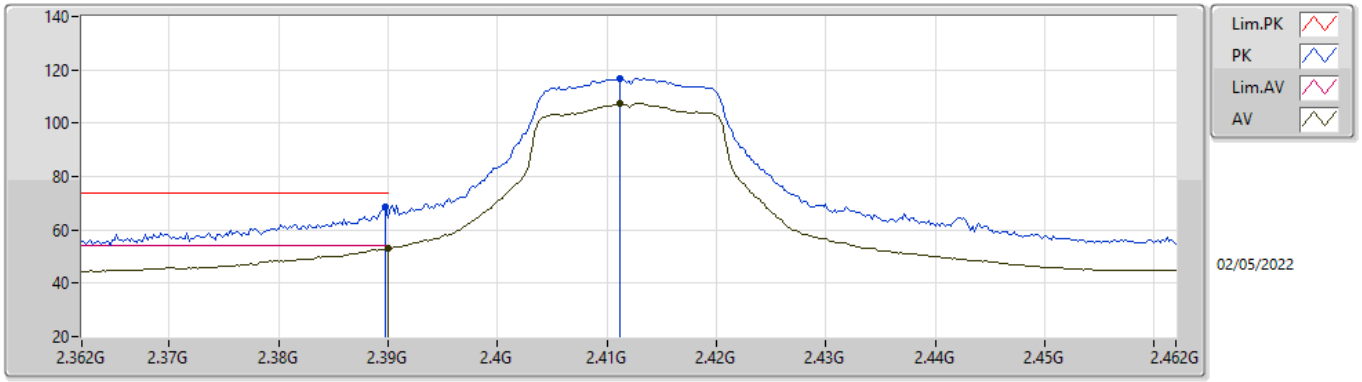


EUT X_1TX
Setting 21
04-D-S-8

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	63.00	74.00	-11.00	32.73	3	Vertical	271	2.95	-	27.48	2.79	-
AV	2.39G	49.13	54.00	-4.87	18.86	3	Vertical	271	2.95	-	27.48	2.79	-
PK	2.4112G	113.75	Inf	-Inf	83.42	3	Vertical	271	2.95	-	27.52	2.81	-
AV	2.4128G	104.19	Inf	-Inf	73.85	3	Vertical	271	2.95	-	27.53	2.81	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

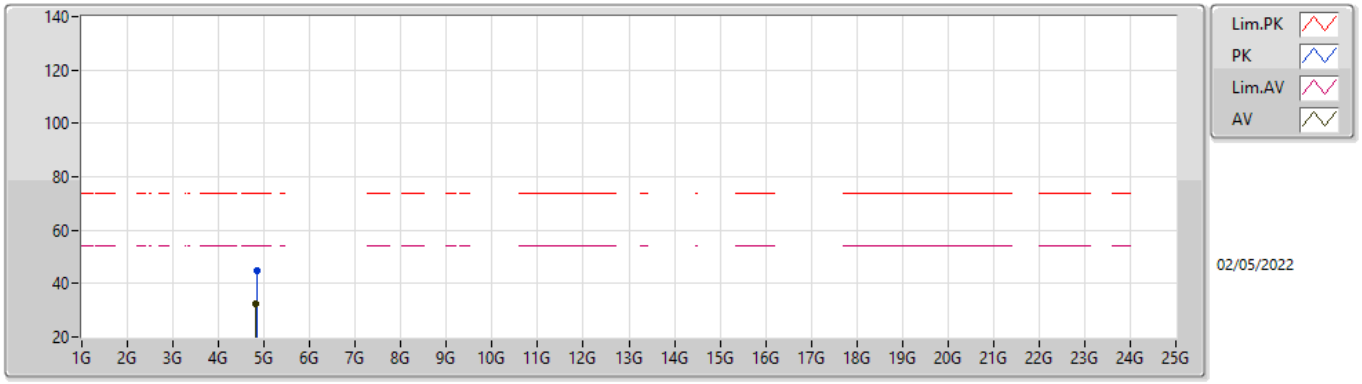


EUT X_1TX
Setting 21
04-D-S-8

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	68.64	74.00	-5.36	38.37	3	Horizontal	324	2.14	-	27.48	2.79	-
AV	2.39G	53.00	54.00	-1.00	22.73	3	Horizontal	324	2.14	-	27.48	2.79	-
PK	2.4112G	116.96	Inf	-Inf	86.63	3	Horizontal	324	2.14	-	27.52	2.81	-
AV	2.4112G	107.40	Inf	-Inf	77.07	3	Horizontal	324	2.14	-	27.52	2.81	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

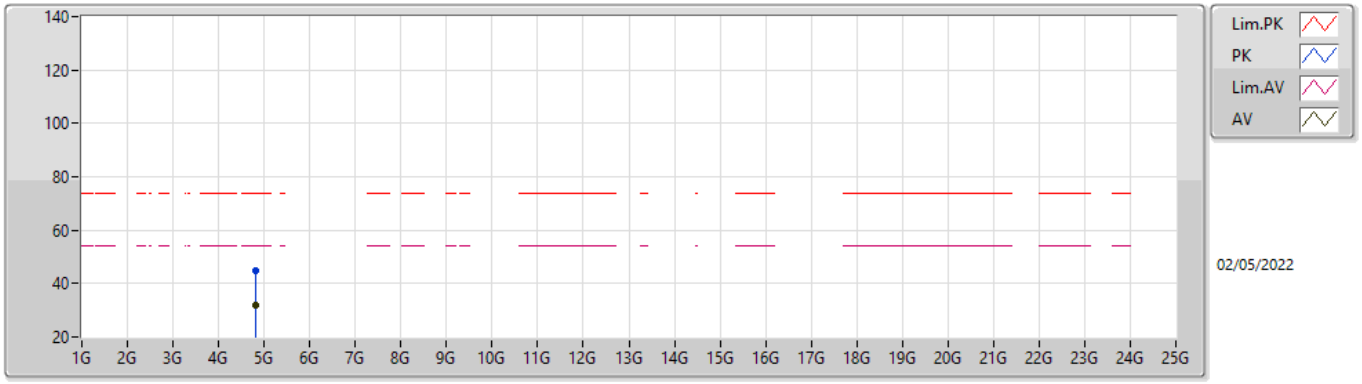


EUT Y_1TX
Setting 21
04-D-S-8

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	4.82952G	45.08	74.00	-28.92	40.80	3	Vertical	28	2.45	-	32.72	4.81	33.25
AV	4.82394G	32.53	54.00	-21.47	28.27	3	Vertical	28	2.45	-	32.70	4.81	33.25

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

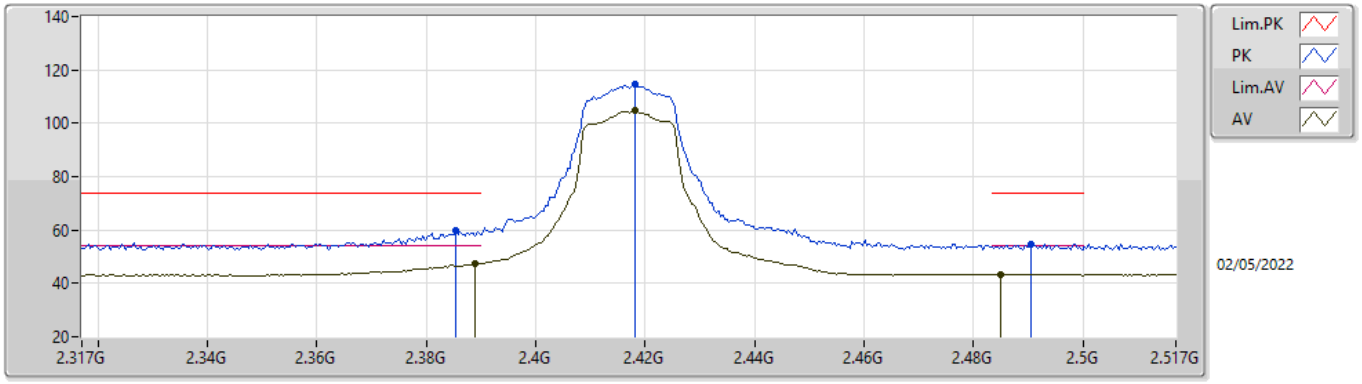


EUT Y_1TX
Setting 21
04-D-S-8

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	4.81614G	44.85	74.00	-29.15	40.64	3	Horizontal	158	1.80	-	32.66	4.81	33.26
AV	4.81332G	31.78	54.00	-22.22	27.58	3	Horizontal	158	1.80	-	32.65	4.81	33.26

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

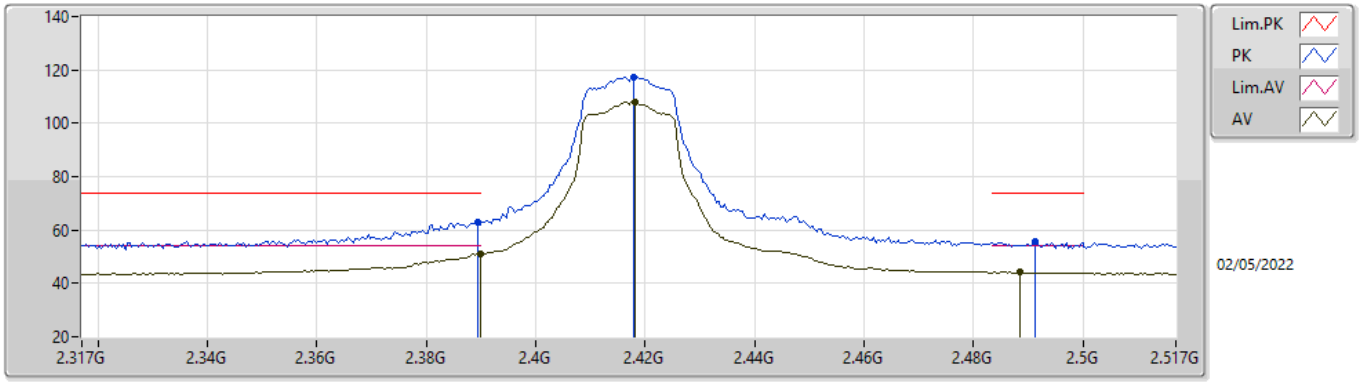


EUT X_1TX
Setting 21
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3854G	59.84	74.00	-14.16	29.58	3	Vertical	270	2.97	-	27.47	2.79	-
AV	2.389G	47.66	54.00	-6.34	17.39	3	Vertical	270	2.97	-	27.48	2.79	-
PK	2.4182G	114.41	Inf	-Inf	84.06	3	Vertical	270	2.97	-	27.54	2.81	-
AV	2.4182G	104.85	Inf	-Inf	74.50	3	Vertical	270	2.97	-	27.54	2.81	-
PK	2.4906G	54.60	74.00	-19.40	23.91	3	Vertical	270	2.97	-	27.84	2.85	-
AV	2.485G	43.44	54.00	-10.56	12.79	3	Vertical	270	2.97	-	27.81	2.84	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

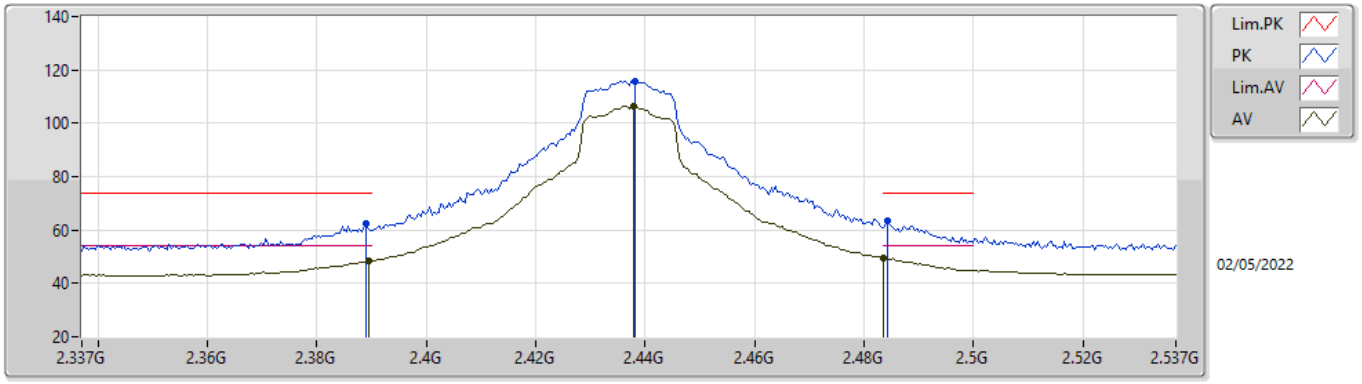


EUT X_1TX
Setting 21
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	63.05	74.00	-10.95	32.78	3	Horizontal	323	2.14	-	27.48	2.79	-
AV	2.3898G	50.90	54.00	-3.10	20.63	3	Horizontal	323	2.14	-	27.48	2.79	-
PK	2.4178G	117.41	Inf	-Inf	87.06	3	Horizontal	323	2.14	-	27.54	2.81	-
AV	2.4182G	107.92	Inf	-Inf	77.57	3	Horizontal	323	2.14	-	27.54	2.81	-
PK	2.4914G	55.57	74.00	-18.43	24.87	3	Horizontal	323	2.14	-	27.85	2.85	-
AV	2.4886G	44.24	54.00	-9.76	13.57	3	Horizontal	323	2.14	-	27.83	2.84	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

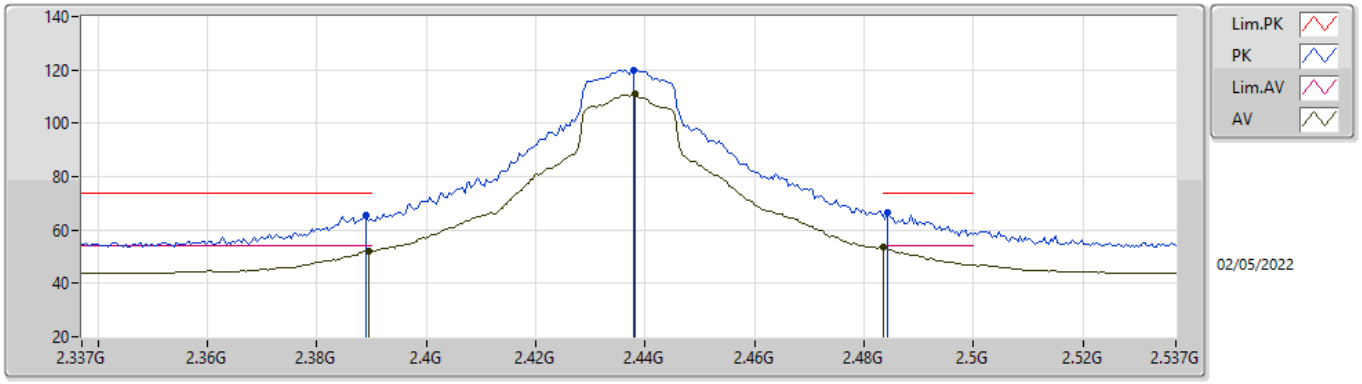


EUT X_1TX
Setting 24
04-D-S-8

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	62.21	74.00	-11.79	31.94	3	Vertical	292	2.37	-	27.48	2.79	-
AV	2.3894G	48.49	54.00	-5.51	18.22	3	Vertical	292	2.37	-	27.48	2.79	-
PK	2.4382G	115.70	Inf	-Inf	85.30	3	Vertical	292	2.37	-	27.58	2.82	-
AV	2.4378G	106.39	Inf	-Inf	75.99	3	Vertical	292	2.37	-	27.58	2.82	-
PK	2.4842G	63.34	74.00	-10.66	32.69	3	Vertical	292	2.37	-	27.81	2.84	-
AV	2.4835G	49.74	54.00	-4.26	19.10	3	Vertical	292	2.37	-	27.80	2.84	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

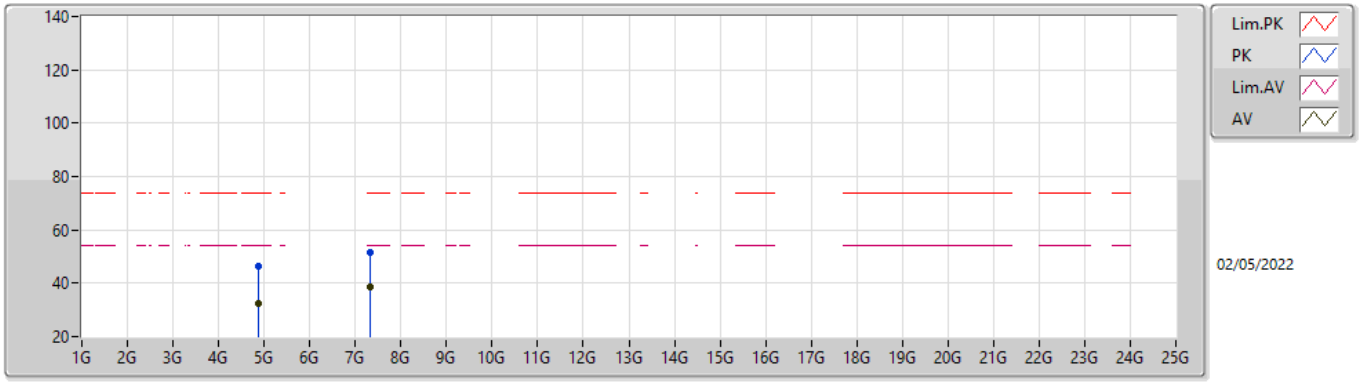


EUT X_1TX
Setting 24
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	65.39	74.00	-8.61	35.12	3	Horizontal	327	2.34	-	27.48	2.79	-
AV	2.3894G	52.08	54.00	-1.92	21.81	3	Horizontal	327	2.34	-	27.48	2.79	-
PK	2.4378G	119.94	Inf	-Inf	89.54	3	Horizontal	327	2.34	-	27.58	2.82	-
AV	2.4382G	110.86	Inf	-Inf	80.46	3	Horizontal	327	2.34	-	27.58	2.82	-
PK	2.4842G	66.49	74.00	-7.51	35.84	3	Horizontal	327	2.34	-	27.81	2.84	-
AV	2.4835G	53.39	54.00	-0.61	22.75	3	Horizontal	327	2.34	-	27.80	2.84	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

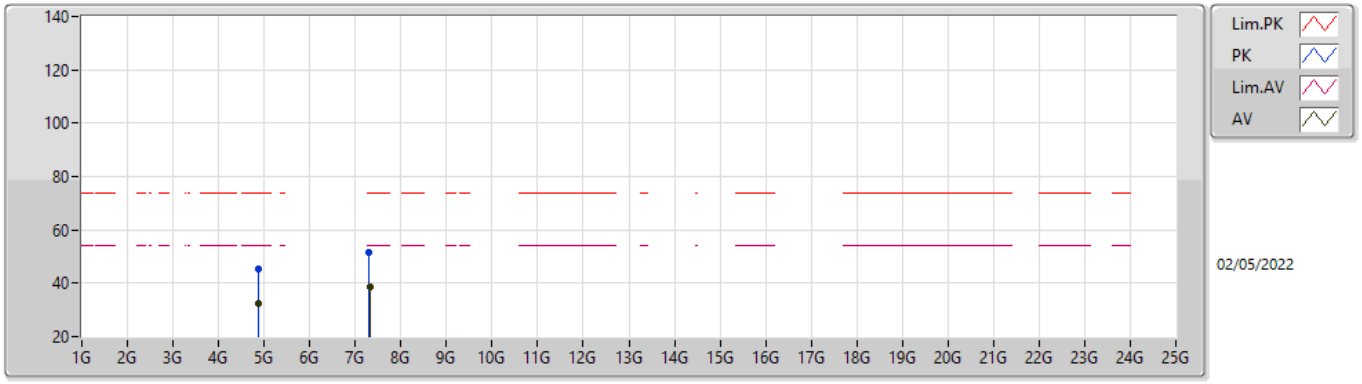


EUT X_1TX
Setting 24
04-D-S-8

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	4.87592G	46.15	74.00	-27.85	41.63	3	Vertical	203	1.97	-	32.90	4.84	33.22
AV	4.87358G	32.16	54.00	-21.84	27.66	3	Vertical	203	1.97	-	32.89	4.84	33.23
PK	7.31316G	51.32	74.00	-22.68	41.43	3	Vertical	234	2.74	-	37.50	6.06	33.67
AV	7.31216G	38.51	54.00	-15.49	28.61	3	Vertical	234	2.74	-	37.50	6.06	33.66

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

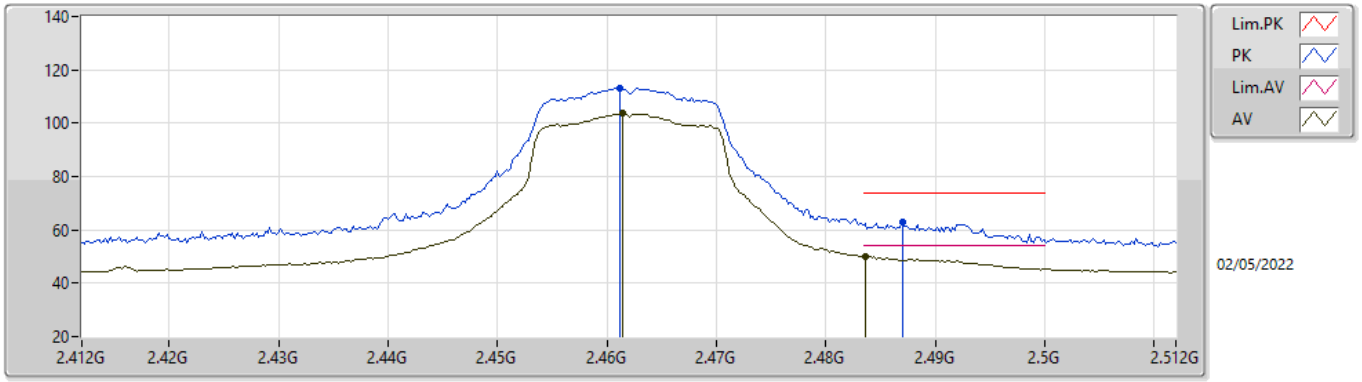


EUT X_1TX
Setting 24
04-D-S-8

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	4.8714G	45.41	74.00	-28.59	40.91	3	Horizontal	314	2.74	-	32.89	4.84	33.23
AV	4.87786G	32.18	54.00	-21.82	27.65	3	Horizontal	314	2.74	-	32.91	4.84	33.22
PK	7.3087G	51.71	74.00	-22.29	41.82	3	Horizontal	271	1.02	-	37.50	6.05	33.66
AV	7.31468G	38.38	54.00	-15.62	28.49	3	Horizontal	271	1.02	-	37.50	6.06	33.67

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

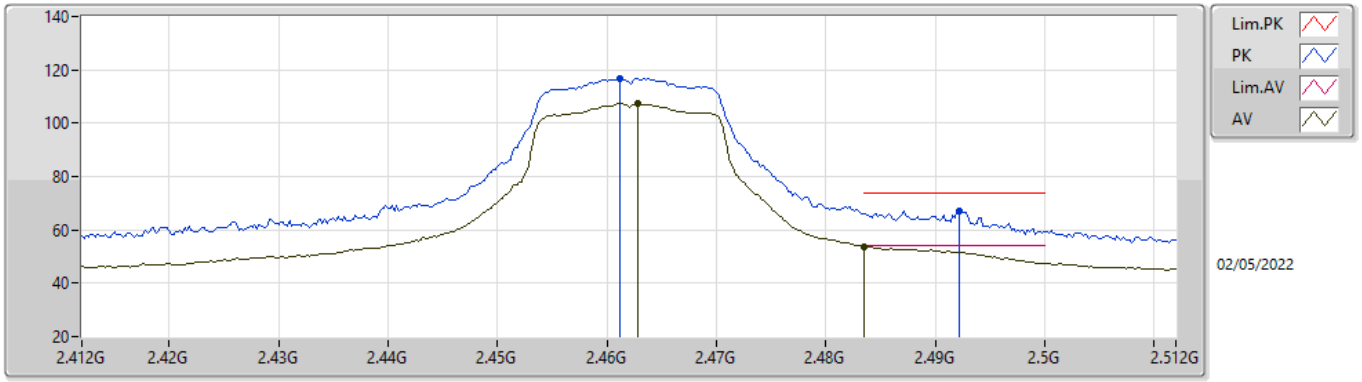


EUT X_1TX
Setting 21.5
04-D-S-8

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	2.4612G	113.16	Inf	-Inf	82.66	3	Vertical	302	2.59	-	27.67	2.83	-
AV	2.4614G	103.63	Inf	-Inf	73.13	3	Vertical	302	2.59	-	27.67	2.83	-
PK	2.487G	63.00	74.00	-11.00	32.34	3	Vertical	302	2.59	-	27.82	2.84	-
AV	2.4836G	50.13	54.00	-3.87	19.49	3	Vertical	302	2.59	-	27.80	2.84	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

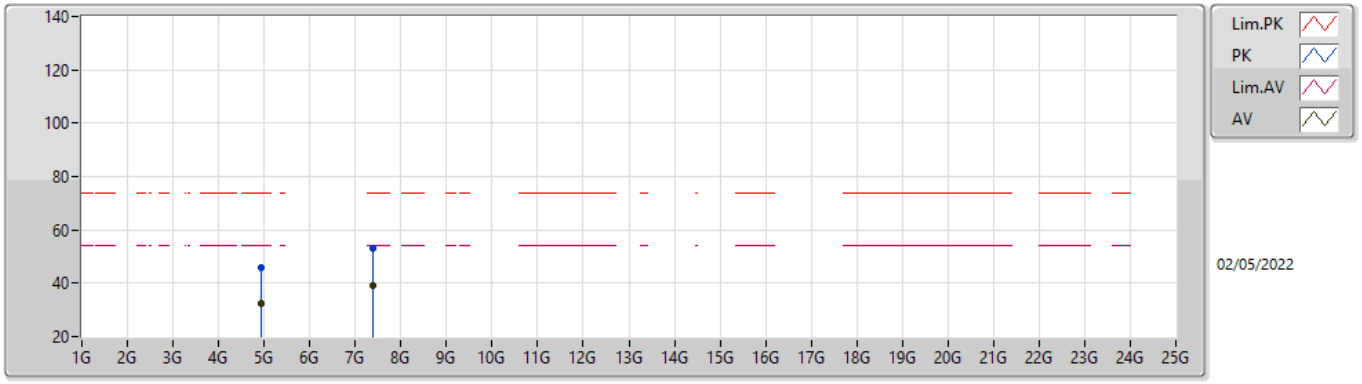


EUT X_1TX
Setting 21.5
04-D-S-8

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	2.4612G	116.95	Inf	-Inf	86.45	3	Horizontal	332	1.70	-	27.67	2.83	-
AV	2.4628G	107.44	Inf	-Inf	76.93	3	Horizontal	332	1.70	-	27.68	2.83	-
PK	2.4922G	67.05	74.00	-6.95	36.35	3	Horizontal	332	1.70	-	27.85	2.85	-
AV	2.4835G	53.80	54.00	-0.20	23.16	3	Horizontal	332	1.70	-	27.80	2.84	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

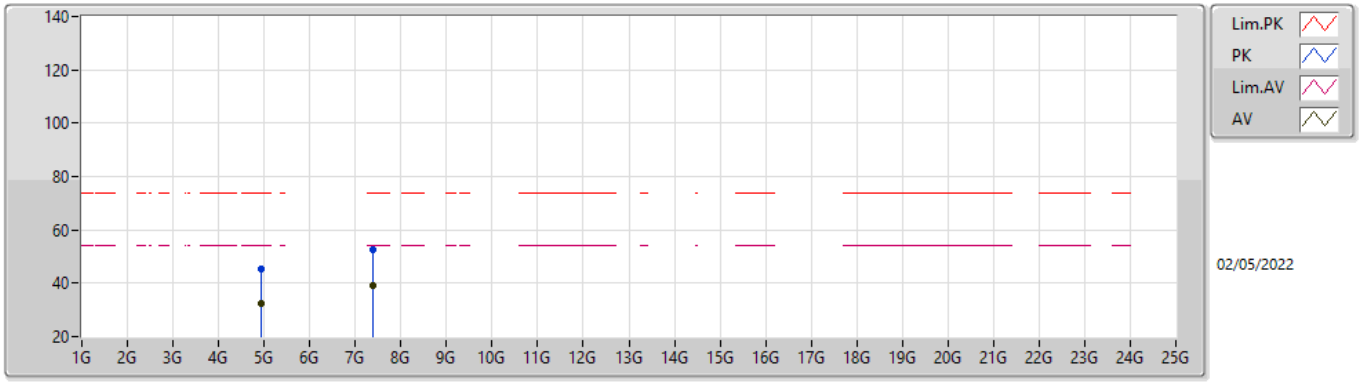


EUT Y_1TX
Setting 21.5
04-D-S-8

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	4.91976G	45.96	74.00	-28.04	41.26	3	Vertical	48	2.53	-	33.04	4.86	33.20
AV	4.92732G	32.47	54.00	-21.53	27.76	3	Vertical	48	2.53	-	33.05	4.86	33.20
PK	7.38692G	53.32	74.00	-20.68	43.33	3	Vertical	32	2.01	-	37.65	6.09	33.75
AV	7.38852G	39.11	54.00	-14.89	29.13	3	Vertical	32	2.01	-	37.65	6.09	33.76

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

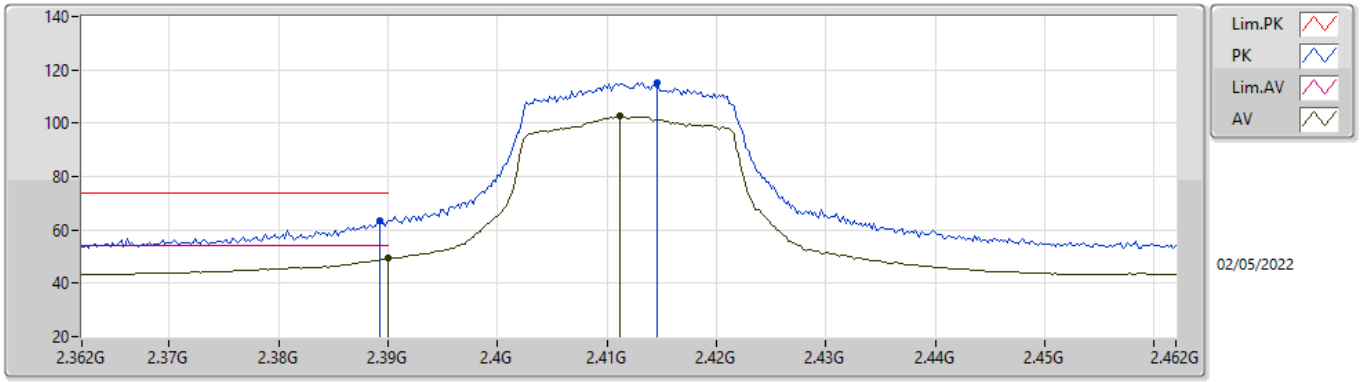


EUT Y_1TX
Setting 21.5
04-D-S-8

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	4.91968G	45.53	74.00	-28.47	40.83	3	Horizontal	118	1.82	-	33.04	4.86	33.20
AV	4.92876G	32.47	54.00	-21.53	27.75	3	Horizontal	118	1.82	-	33.06	4.86	33.20
PK	7.38462G	52.52	74.00	-21.48	42.54	3	Horizontal	67	1.43	-	37.64	6.09	33.75
AV	7.38826G	39.11	54.00	-14.89	29.13	3	Horizontal	67	1.43	-	37.65	6.09	33.76

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

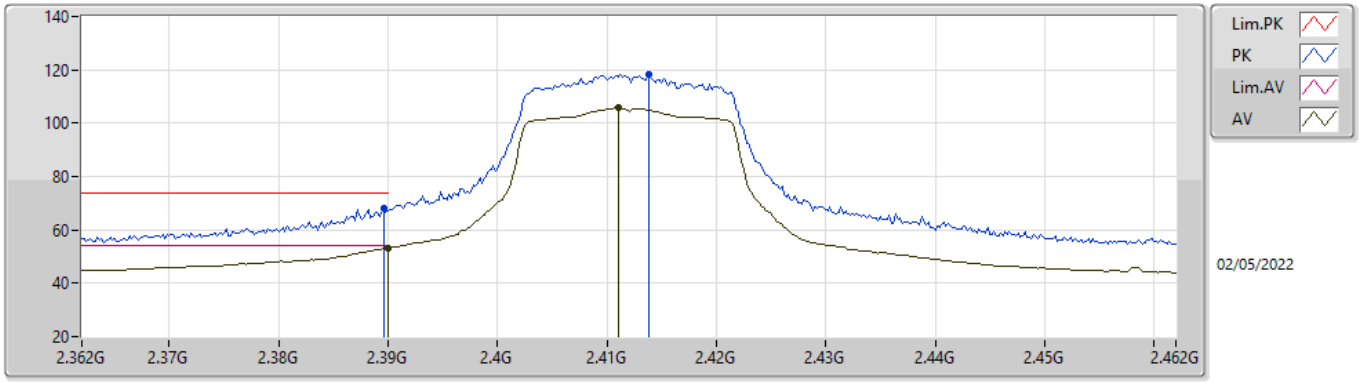


EUT X_1TX
Setting 20.5
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	63.68	74.00	-10.32	33.41	3	Vertical	288	2.94	-	27.48	2.79	-
AV	2.39G	49.32	54.00	-4.68	19.05	3	Vertical	288	2.94	-	27.48	2.79	-
PK	2.4146G	115.36	Inf	-Inf	85.02	3	Vertical	288	2.94	-	27.53	2.81	-
AV	2.4112G	102.60	Inf	-Inf	72.27	3	Vertical	288	2.94	-	27.52	2.81	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

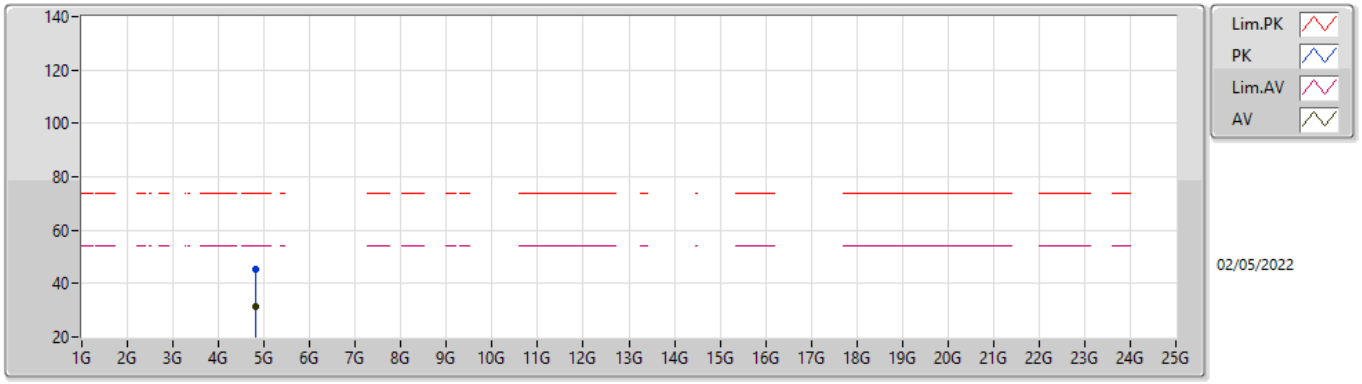


EUT X_1TX
Setting 20.5
04-D-S-8

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	68.00	74.00	-6.00	37.73	3	Horizontal	327	1.97	-	27.48	2.79	-
AV	2.39G	53.22	54.00	-0.78	22.95	3	Horizontal	327	1.97	-	27.48	2.79	-
PK	2.4138G	118.42	Inf	-Inf	88.08	3	Horizontal	327	1.97	-	27.53	2.81	-
AV	2.411G	105.66	Inf	-Inf	75.33	3	Horizontal	327	1.97	-	27.52	2.81	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

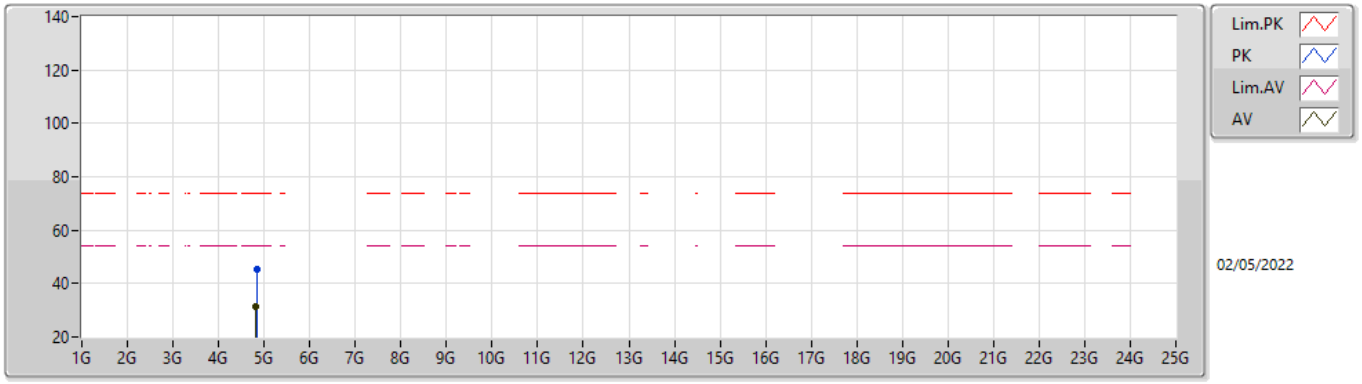


EUT X_1TX
Setting 20.5
04-D-S-8

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	4.82506G	45.16	74.00	-28.84	40.90	3	Vertical	151	1.82	-	32.70	4.81	33.25
AV	4.82552G	31.49	54.00	-22.51	27.23	3	Vertical	151	1.82	-	32.70	4.81	33.25

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

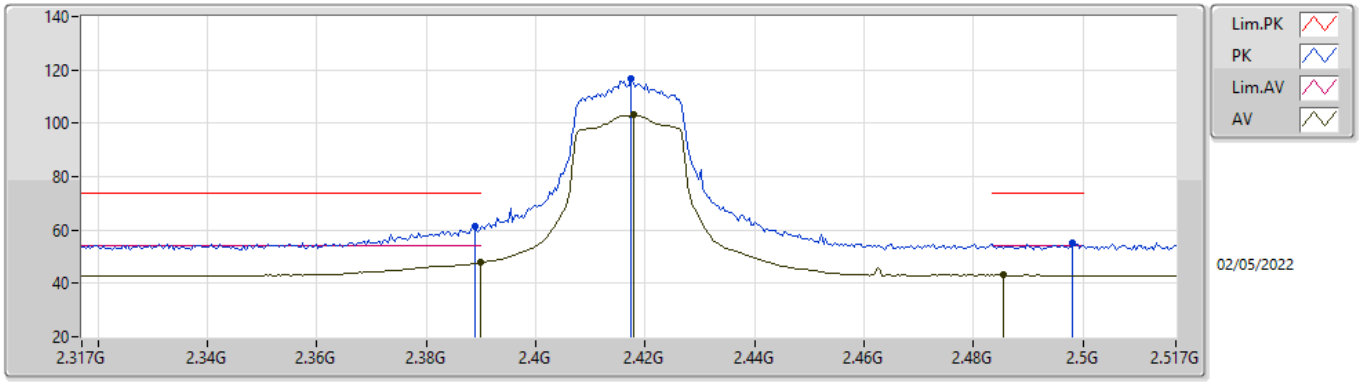


EUT X_1TX
Setting 20.5
04-D-S-8

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	4.82854G	45.52	74.00	-28.48	41.25	3	Horizontal	343	2.93	-	32.71	4.81	33.25
AV	4.8255G	31.59	54.00	-22.41	27.33	3	Horizontal	343	2.93	-	32.70	4.81	33.25

802.11ax HEW20_Nss1,(MCS0)_1TX

2417MHz_TX

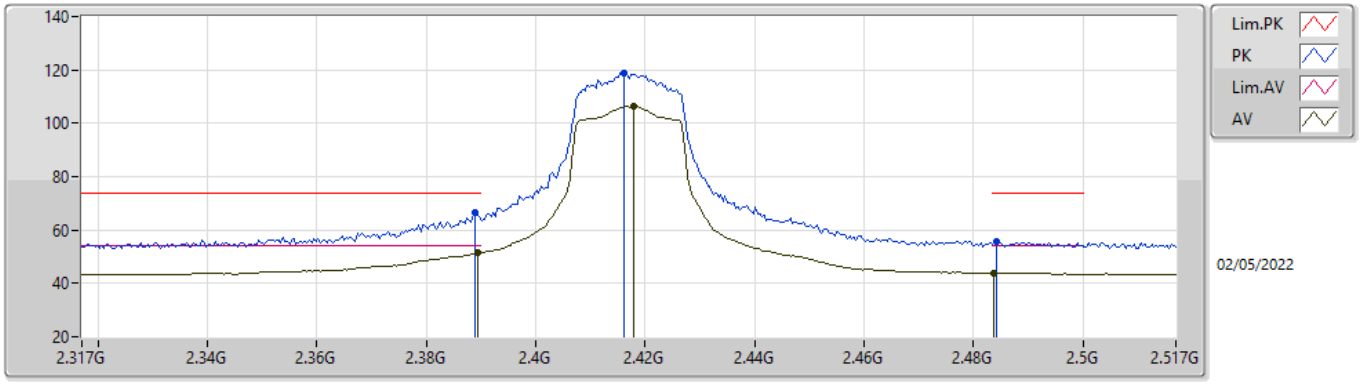


EUT X_1TX
Setting 21
04-D-S-8

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	61.32	74.00	-12.68	31.05	3	Vertical	267	2.97	-	27.48	2.79	-
AV	2.3898G	47.83	54.00	-6.17	17.56	3	Vertical	267	2.97	-	27.48	2.79	-
PK	2.4174G	116.96	Inf	-Inf	86.62	3	Vertical	267	2.97	-	27.53	2.81	-
AV	2.4178G	103.42	Inf	-Inf	73.07	3	Vertical	267	2.97	-	27.54	2.81	-
PK	2.4982G	55.17	74.00	-18.83	24.43	3	Vertical	267	2.97	-	27.89	2.85	-
AV	2.4854G	43.07	54.00	-10.93	12.42	3	Vertical	267	2.97	-	27.81	2.84	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2417MHz_TX

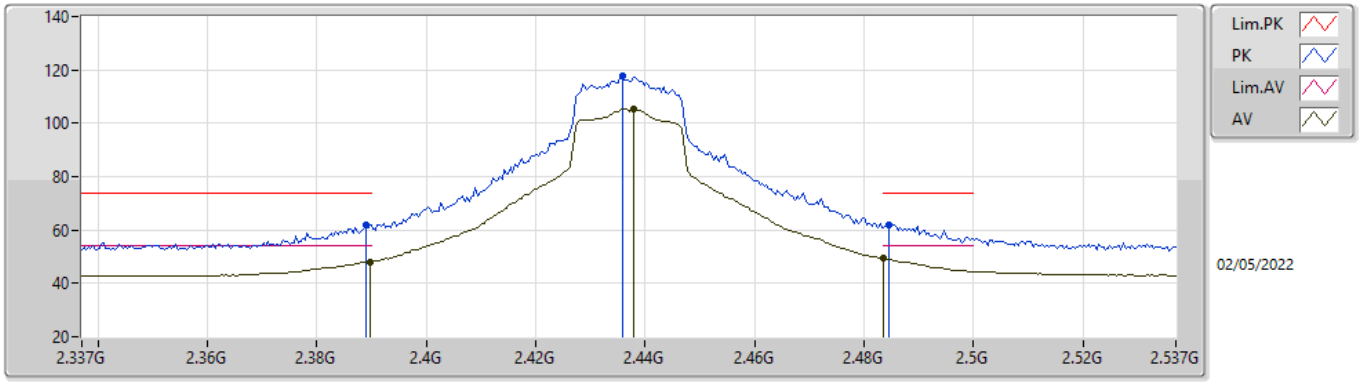


EUT X_1TX
Setting 21
04-D-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	66.44	74.00	-7.56	36.17	3	Horizontal	329	2.14	-	27.48	2.79	-
AV	2.3894G	51.30	54.00	-2.70	21.03	3	Horizontal	329	2.14	-	27.48	2.79	-
PK	2.4162G	118.64	Inf	-Inf	88.30	3	Horizontal	329	2.14	-	27.53	2.81	-
AV	2.4178G	106.56	Inf	-Inf	76.21	3	Horizontal	329	2.14	-	27.54	2.81	-
PK	2.4842G	55.74	74.00	-18.26	25.09	3	Horizontal	329	2.14	-	27.81	2.84	-
AV	2.4838G	44.02	54.00	-9.98	13.38	3	Horizontal	329	2.14	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

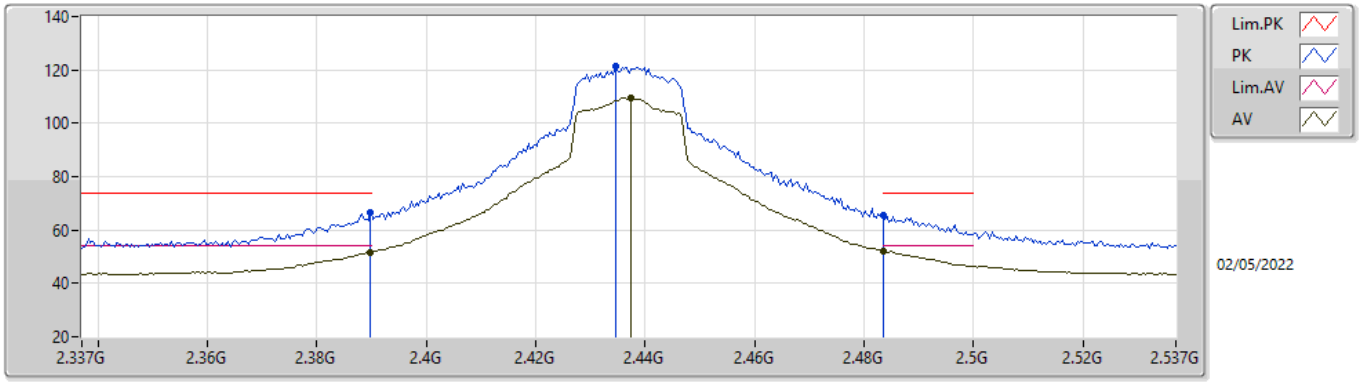


EUT X_1TX
Setting 24
04-D-S-8

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	62.12	74.00	-11.88	31.85	3	Vertical	290	2.37	-	27.48	2.79	-
AV	2.3898G	48.05	54.00	-5.95	17.78	3	Vertical	290	2.37	-	27.48	2.79	-
PK	2.4358G	117.74	Inf	-Inf	87.35	3	Vertical	290	2.37	-	27.57	2.82	-
AV	2.4378G	105.27	Inf	-Inf	74.87	3	Vertical	290	2.37	-	27.58	2.82	-
PK	2.4846G	62.10	74.00	-11.90	31.45	3	Vertical	290	2.37	-	27.81	2.84	-
AV	2.4835G	49.29	54.00	-4.71	18.65	3	Vertical	290	2.37	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

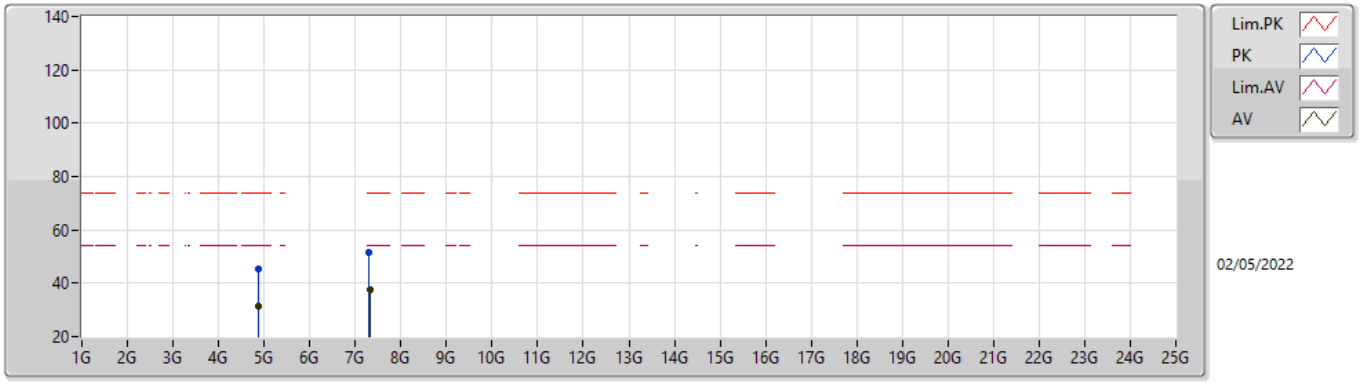


EUT X_1TX
Setting 24
04-D-S-8

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	66.63	74.00	-7.37	36.36	3	Horizontal	325	2.35	-	27.48	2.79	-
AV	2.3898G	51.61	54.00	-2.39	21.34	3	Horizontal	325	2.35	-	27.48	2.79	-
PK	2.4346G	121.14	Inf	-Inf	90.75	3	Horizontal	325	2.35	-	27.57	2.82	-
AV	2.4374G	109.64	Inf	-Inf	79.25	3	Horizontal	325	2.35	-	27.57	2.82	-
PK	2.4835G	65.35	74.00	-8.65	34.71	3	Horizontal	325	2.35	-	27.80	2.84	-
AV	2.4835G	52.22	54.00	-1.78	21.58	3	Horizontal	325	2.35	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

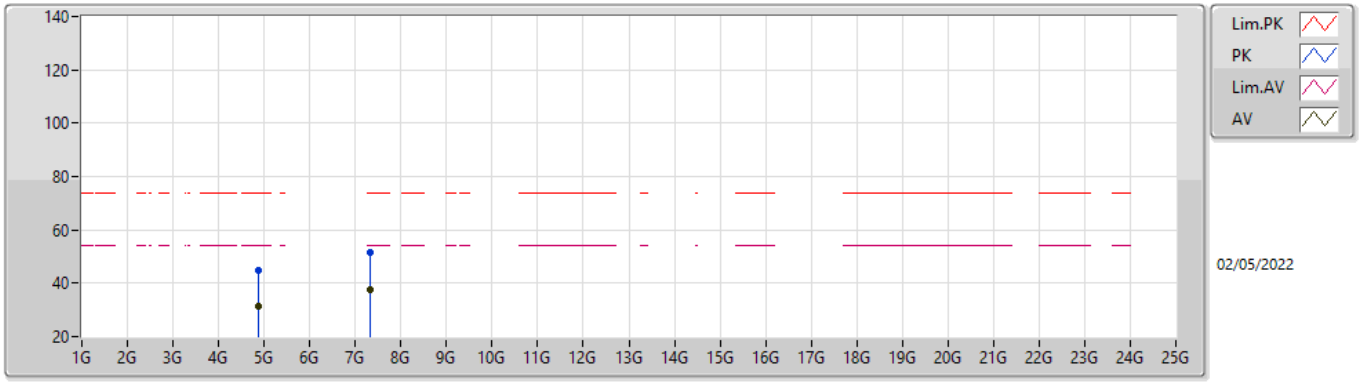


EUT X_1TX
Setting 24
04-D-S-8

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	45.53	74.00	-28.47	41.02	3	Vertical	144	2.58	-	32.90	4.84	33.23
AV	4.872G	31.59	54.00	-22.41	27.09	3	Vertical	144	2.58	-	32.89	4.84	33.23
PK	7.30794G	51.48	74.00	-22.52	41.59	3	Vertical	24	1.49	-	37.50	6.05	33.66
AV	7.31574G	37.84	54.00	-16.16	27.95	3	Vertical	24	1.49	-	37.50	6.06	33.67

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

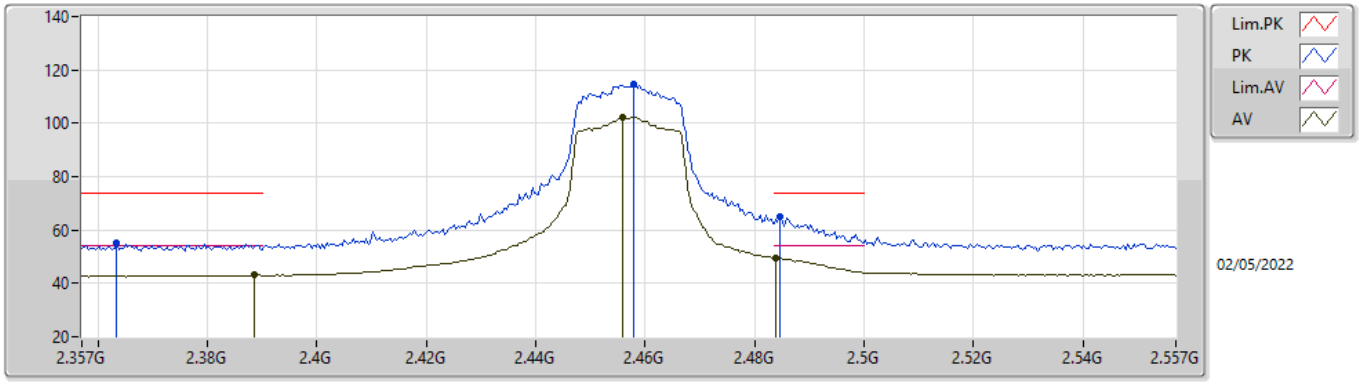


EUT X_1TX
Setting 24
04-D-S-8

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	4.87816G	44.89	74.00	-29.11	40.36	3	Horizontal	138	1.93	-	32.91	4.84	33.22
AV	4.87848G	31.53	54.00	-22.47	27.00	3	Horizontal	138	1.93	-	32.91	4.84	33.22
PK	7.31114G	51.31	74.00	-22.69	41.41	3	Horizontal	236	2.91	-	37.50	6.06	33.66
AV	7.31356G	37.71	54.00	-16.29	27.82	3	Horizontal	236	2.91	-	37.50	6.06	33.67

802.11ax HEW20_Nss1,(MCS0)_1TX

2457MHz_TX

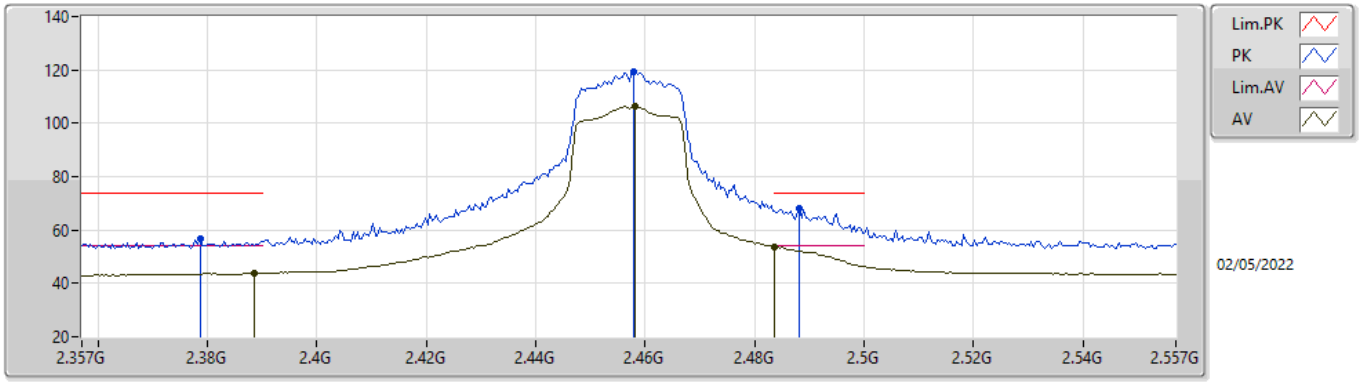


EUT X_1TX
Setting 21.5
04-D-S-8

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	2.3634G	55.04	74.00	-18.96	24.83	3	Vertical	308	2.48	-	27.43	2.78	-
AV	2.3886G	43.04	54.00	-10.96	12.77	3	Vertical	308	2.48	-	27.48	2.79	-
PK	2.4578G	114.65	Inf	-Inf	84.17	3	Vertical	308	2.48	-	27.65	2.83	-
AV	2.4558G	102.16	Inf	-Inf	71.70	3	Vertical	308	2.48	-	27.63	2.83	-
PK	2.4846G	65.05	74.00	-8.95	34.40	3	Vertical	308	2.48	-	27.81	2.84	-
AV	2.4838G	49.61	54.00	-4.39	18.97	3	Vertical	308	2.48	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2457MHz_TX

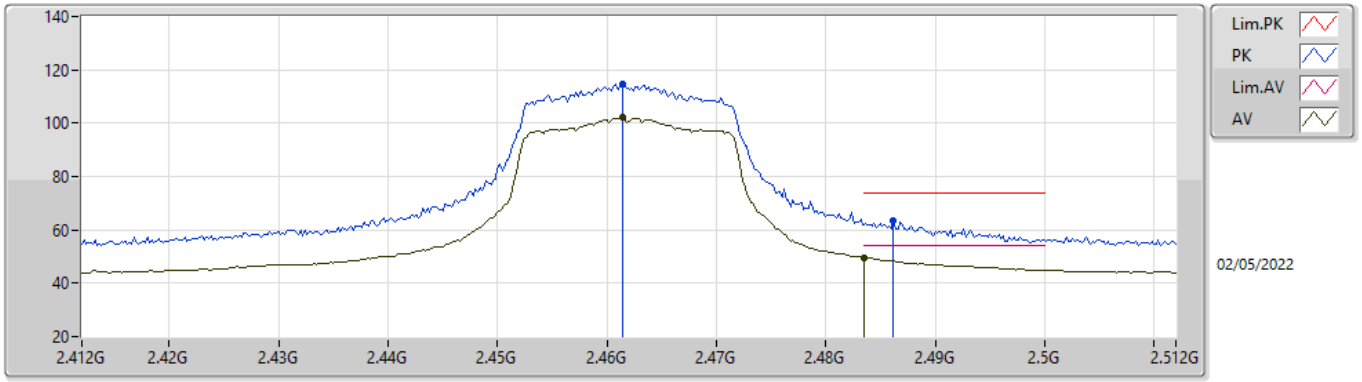


EUT X_1TX
Setting 21.5
04-D-S-8

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	2.3786G	56.57	74.00	-17.43	26.32	3	Horizontal	329	1.67	-	27.46	2.79	-
AV	2.3886G	43.92	54.00	-10.08	13.65	3	Horizontal	329	1.67	-	27.48	2.79	-
PK	2.4578G	119.43	Inf	-Inf	88.95	3	Horizontal	329	1.67	-	27.65	2.83	-
AV	2.4582G	106.31	Inf	-Inf	75.83	3	Horizontal	329	1.67	-	27.65	2.83	-
PK	2.4882G	68.17	74.00	-5.83	37.50	3	Horizontal	329	1.67	-	27.83	2.84	-
AV	2.4835G	53.64	54.00	-0.36	23.00	3	Horizontal	329	1.67	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

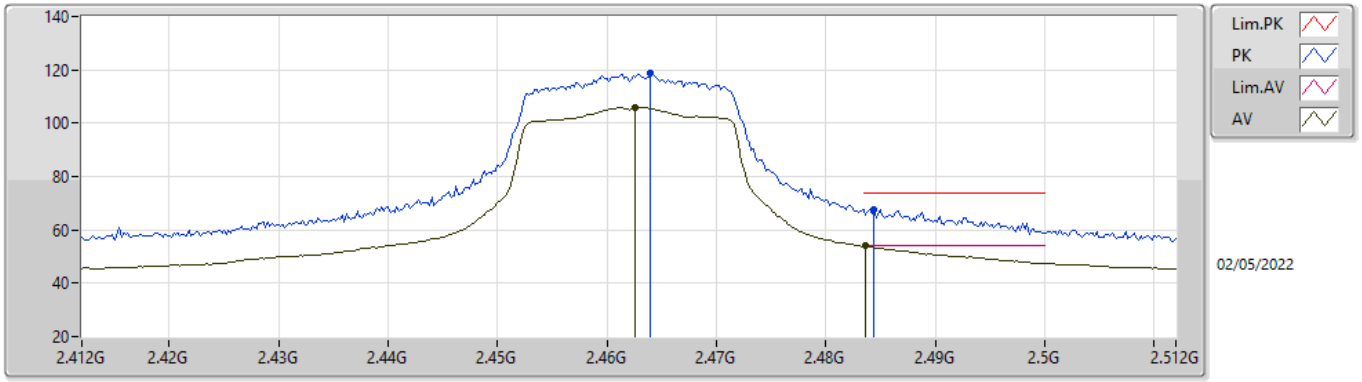


EUT X_1TX
Setting 21
04-D-S-8

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	2.4614G	114.91	Inf	-Inf	84.41	3	Vertical	303	2.60	-	27.67	2.83	-
AV	2.4614G	102.00	Inf	-Inf	71.50	3	Vertical	303	2.60	-	27.67	2.83	-
PK	2.4862G	63.37	74.00	-10.63	32.71	3	Vertical	303	2.60	-	27.82	2.84	-
AV	2.4835G	49.68	54.00	-4.32	19.04	3	Vertical	303	2.60	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

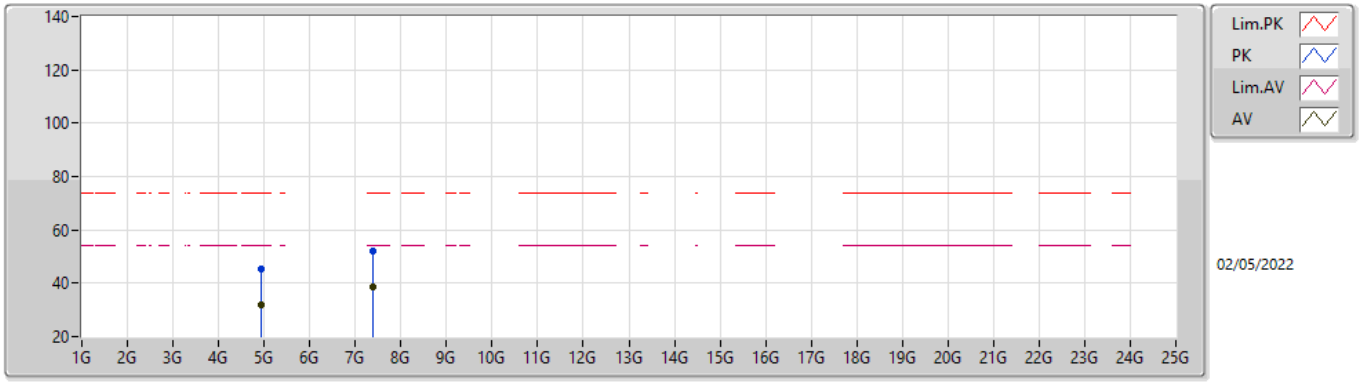


EUT X_1TX
Setting 21
04-D-S-8

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	2.464G	118.69	Inf	-Inf	88.18	3	Horizontal	321	1.88	-	27.68	2.83	-
AV	2.4626G	105.92	Inf	-Inf	75.41	3	Horizontal	321	1.88	-	27.68	2.83	-
PK	2.4844G	67.69	74.00	-6.31	37.04	3	Horizontal	321	1.88	-	27.81	2.84	-
AV	2.4836G	53.92	54.00	-0.08	23.28	3	Horizontal	321	1.88	-	27.80	2.84	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

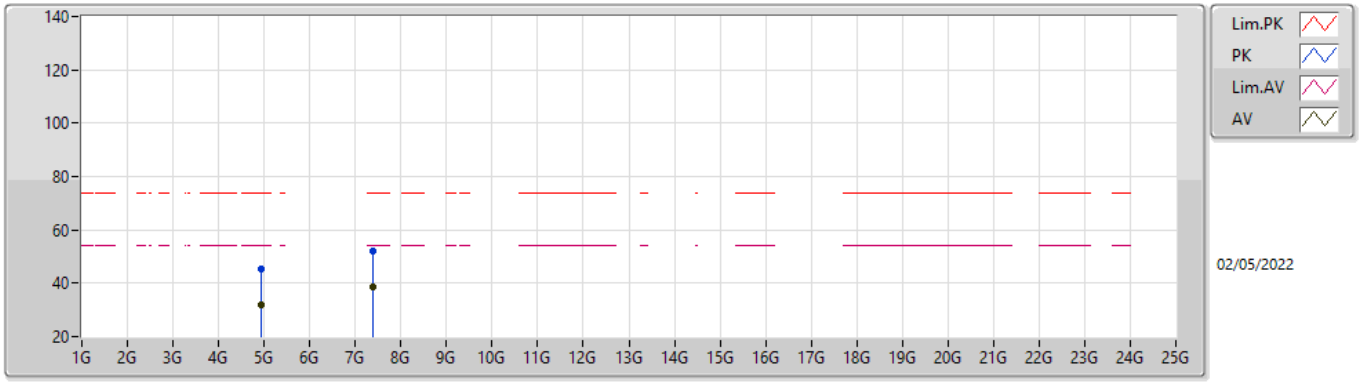


EUT X_1TX
Setting 21
04-D-S-8

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	4.92696G	45.50	74.00	-28.50	40.79	3	Vertical	42	1.64	-	33.05	4.86	33.20
AV	4.9276G	31.94	54.00	-22.06	27.22	3	Vertical	42	1.64	-	33.06	4.86	33.20
PK	7.3811G	51.82	74.00	-22.18	41.86	3	Vertical	360	1.99	-	37.62	6.09	33.75
AV	7.38848G	38.50	54.00	-15.50	28.52	3	Vertical	360	1.99	-	37.65	6.09	33.76

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT X_1TX
Setting 21
04-D-S-8

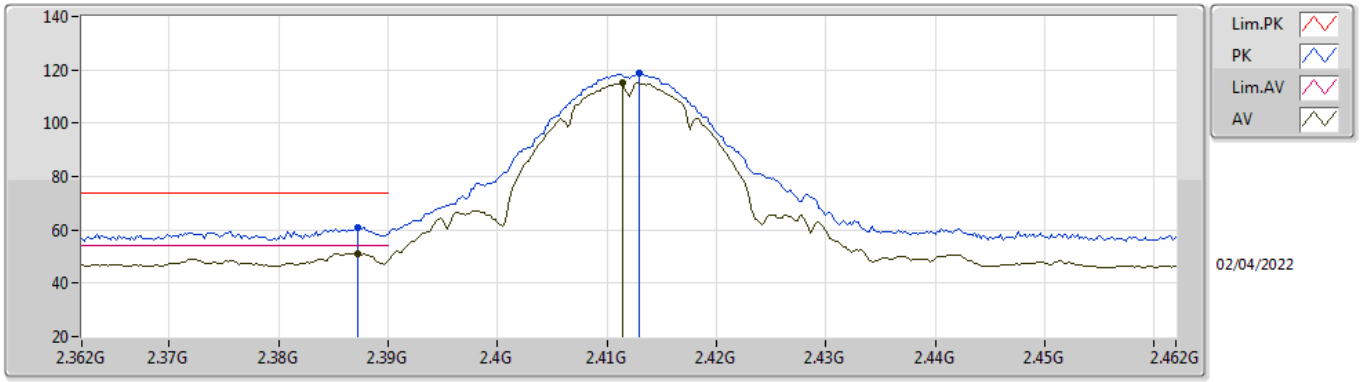
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92362G	45.38	74.00	-28.62	40.67	3	Horizontal	296	1.56	-	33.05	4.86	33.20
AV	4.92564G	31.87	54.00	-22.13	27.16	3	Horizontal	296	1.56	-	33.05	4.86	33.20
PK	7.38308G	52.14	74.00	-21.86	42.17	3	Horizontal	293	2.64	-	37.63	6.09	33.75
AV	7.38656G	38.57	54.00	-15.43	28.58	3	Horizontal	293	2.64	-	37.65	6.09	33.75

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)_2TX	Pass	AV	2.485G	53.91	54.00	-0.09	3	Horizontal	26	2.63	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

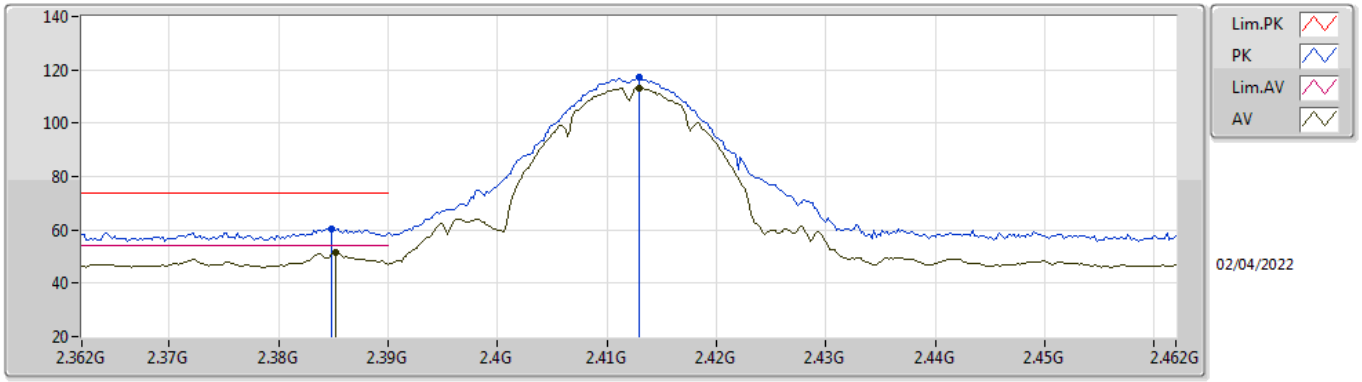


EUT X_2TX
Setting 21.5
03-C-K-3

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	2.3872G	60.95	74.00	-13.05	28.31	3	Vertical	82	1.14	-	28.25	4.39	-
AV	2.3872G	51.22	54.00	-2.78	18.58	3	Vertical	82	1.14	-	28.25	4.39	-
PK	2.413G	118.75	Inf	-Inf	86.04	3	Vertical	82	1.14	-	28.30	4.41	-
AV	2.4114G	115.06	Inf	-Inf	82.35	3	Vertical	82	1.14	-	28.30	4.41	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

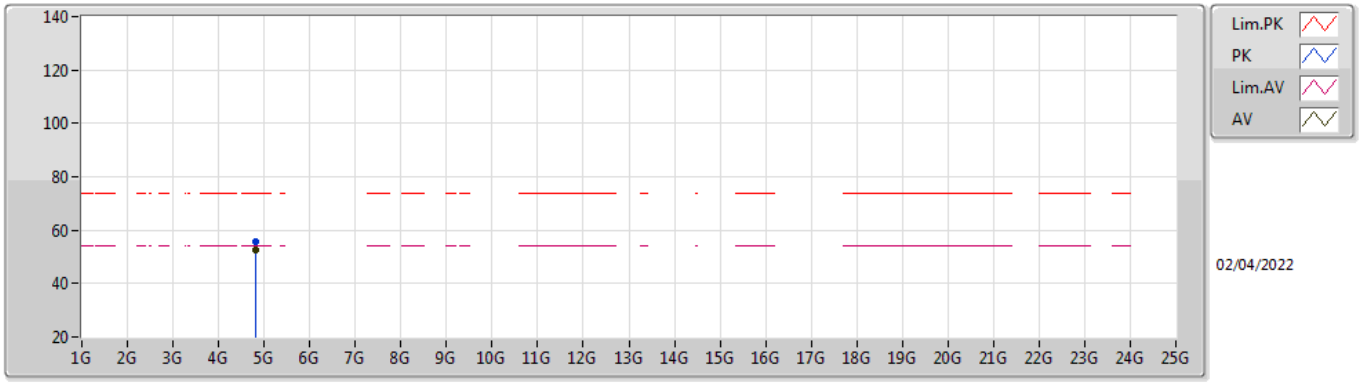


EUT X_2TX
Setting 21.5
03-C-K-3

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	2.3848G	60.43	74.00	-13.57	27.81	3	Horizontal	17	1.66	-	28.24	4.38	-
AV	2.3852G	51.69	54.00	-2.31	19.06	3	Horizontal	17	1.66	-	28.24	4.39	-
PK	2.413G	117.03	Inf	-Inf	84.32	3	Horizontal	17	1.66	-	28.30	4.41	-
AV	2.413G	113.34	Inf	-Inf	80.63	3	Horizontal	17	1.66	-	28.30	4.41	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

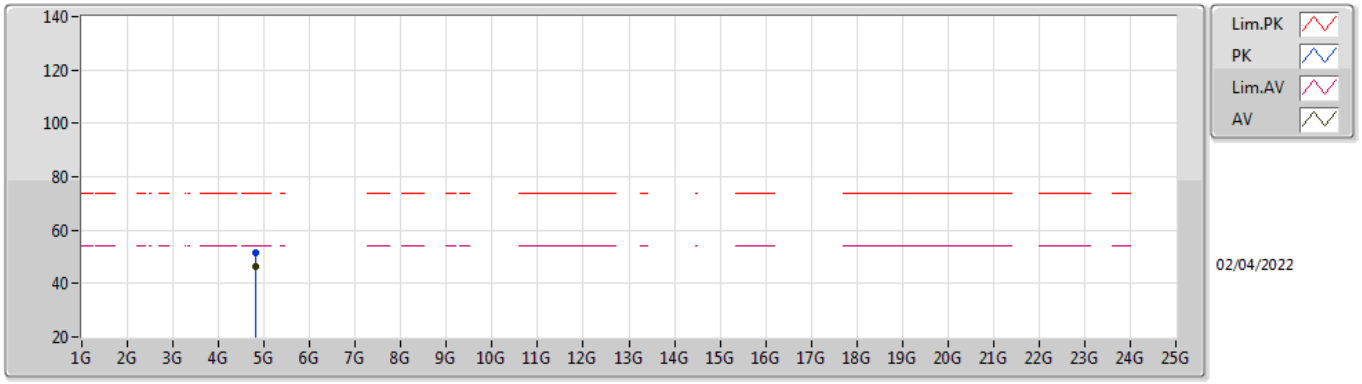


EUT Z_2TX
Setting 21.5
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82404G	55.82	74.00	-18.18	50.80	3	Vertical	336	1.04	-	33.34	7.10	35.42
AV	4.82396G	52.71	54.00	-1.29	47.69	3	Vertical	336	1.04	-	33.34	7.10	35.42

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

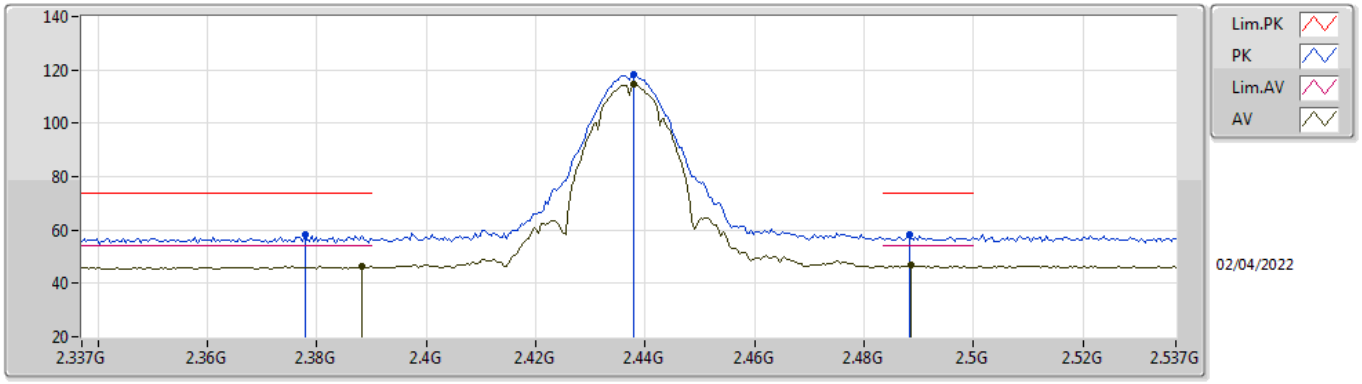


EUT Z_2TX
Setting 21.5
03-C-K-3

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	4.82396G	51.64	74.00	-22.36	46.62	3	Horizontal	276	2.94	-	33.34	7.10	35.42
AV	4.82396G	46.28	54.00	-7.72	41.26	3	Horizontal	276	2.94	-	33.34	7.10	35.42

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

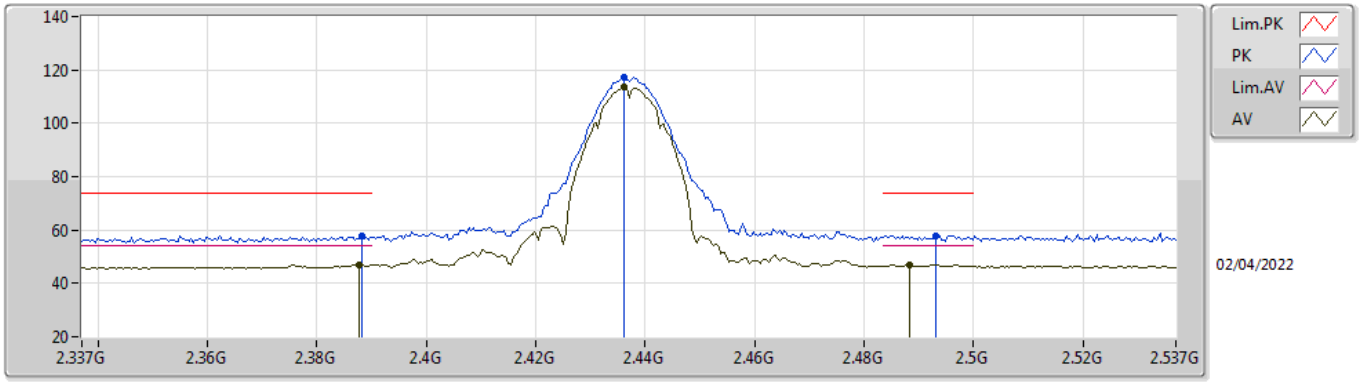


EUT X_2TX
Setting 21.5
03-C-K-3

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	2.3778G	58.53	74.00	-15.47	25.94	3	Vertical	80	1.49	-	28.21	4.38	-
AV	2.3882G	46.36	54.00	-7.64	13.72	3	Vertical	80	1.49	-	28.25	4.39	-
PK	2.4378G	118.14	Inf	-Inf	85.42	3	Vertical	80	1.49	-	28.30	4.42	-
AV	2.4378G	114.46	Inf	-Inf	81.74	3	Vertical	80	1.49	-	28.30	4.42	-
PK	2.4882G	58.13	74.00	-15.87	25.24	3	Vertical	80	1.49	-	28.45	4.44	-
AV	2.4886G	46.70	54.00	-7.30	13.81	3	Vertical	80	1.49	-	28.45	4.44	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

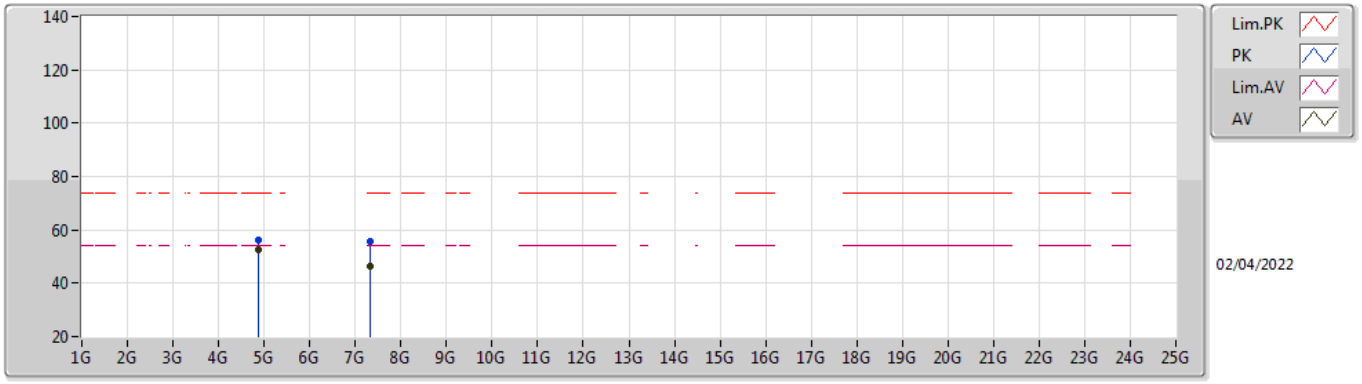


EUT X_2TX
Setting 21.5
03-C-K-3

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	57.71	74.00	-16.29	25.07	3	Horizontal	15	1.22	-	28.25	4.39	-
AV	2.3878G	47.10	54.00	-6.90	14.46	3	Horizontal	15	1.22	-	28.25	4.39	-
PK	2.4362G	117.07	Inf	-Inf	84.35	3	Horizontal	15	1.22	-	28.30	4.42	-
AV	2.4362G	113.46	Inf	-Inf	80.74	3	Horizontal	15	1.22	-	28.30	4.42	-
PK	2.493G	57.97	74.00	-16.03	25.05	3	Horizontal	15	1.22	-	28.47	4.45	-
AV	2.4882G	46.91	54.00	-7.09	14.02	3	Horizontal	15	1.22	-	28.45	4.44	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

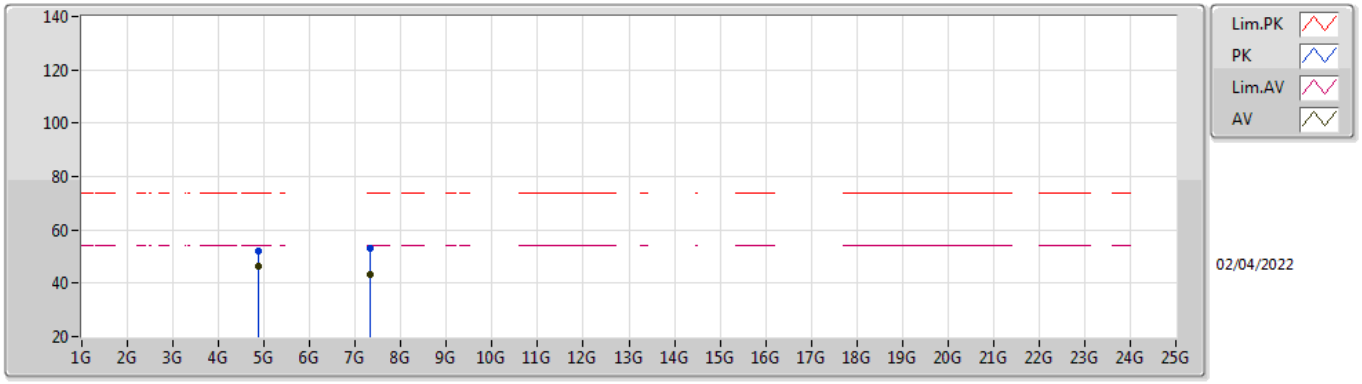


EUT Z_2TX
Setting 21.5
03-C-K-3

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	4.87402G	56.13	74.00	-17.87	50.83	3	Vertical	339	1.24	-	33.60	7.10	35.40
AV	4.87396G	52.82	54.00	-1.18	47.52	3	Vertical	339	1.24	-	33.60	7.10	35.40
PK	7.31184G	55.55	74.00	-18.45	45.78	3	Vertical	340	2.74	-	36.92	8.42	35.57
AV	7.31163G	46.38	54.00	-7.62	36.61	3	Vertical	340	2.74	-	36.92	8.42	35.57

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

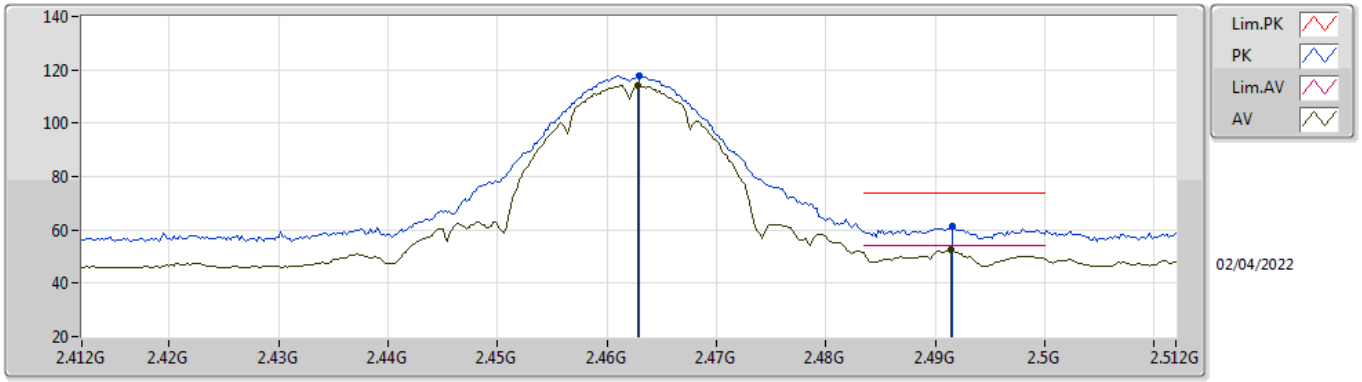


EUT Z_2TX
Setting 21.5
03-C-K-3

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	51.87	74.00	-22.13	46.57	3	Horizontal	278	2.56	-	33.60	7.10	35.40
AV	4.87394G	46.23	54.00	-7.77	40.93	3	Horizontal	278	2.56	-	33.60	7.10	35.40
PK	7.31205G	53.02	74.00	-20.98	43.25	3	Horizontal	336	2.22	-	36.92	8.42	35.57
AV	7.31163G	43.26	54.00	-10.74	33.49	3	Horizontal	336	2.22	-	36.92	8.42	35.57

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

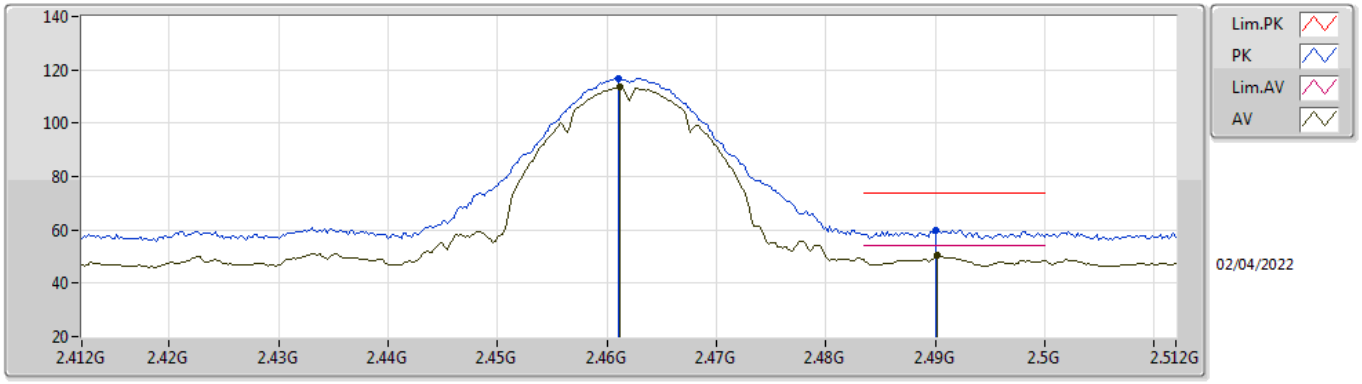


EUT X_2TX
Setting 21
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	117.77	Inf	-Inf	84.99	3	Vertical	84	1.26	-	28.35	4.43	-
AV	2.4628G	114.12	Inf	-Inf	81.34	3	Vertical	84	1.26	-	28.35	4.43	-
PK	2.4916G	61.37	74.00	-12.63	28.45	3	Vertical	84	1.26	-	28.47	4.45	-
AV	2.4914G	52.59	54.00	-1.41	19.67	3	Vertical	84	1.26	-	28.47	4.45	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

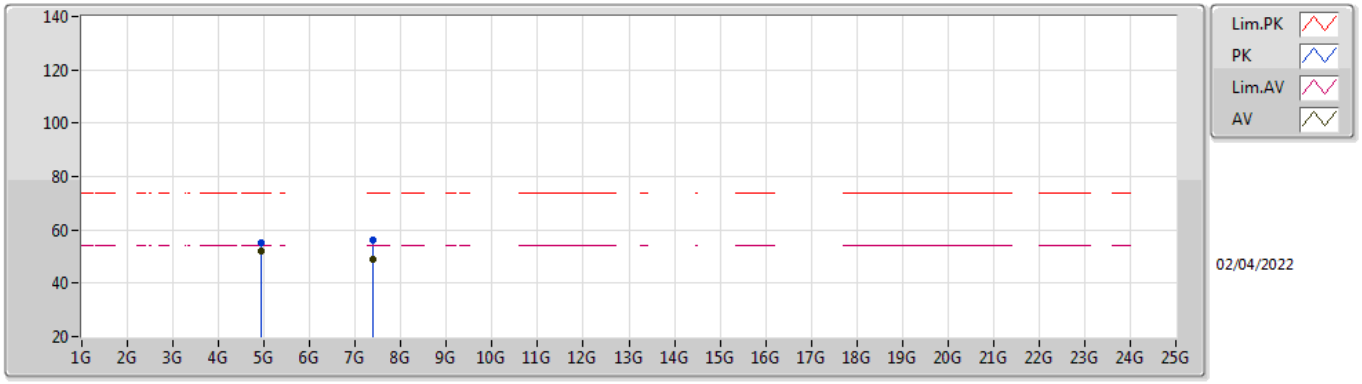


EUT X_2TX
Setting 21
03-C-K-3

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	116.98	Inf	-Inf	84.21	3	Horizontal	33	1.00	-	28.34	4.43	-
AV	2.4612G	113.37	Inf	-Inf	80.60	3	Horizontal	33	1.00	-	28.34	4.43	-
PK	2.49G	59.87	74.00	-14.13	26.96	3	Horizontal	33	1.00	-	28.46	4.45	-
AV	2.4902G	50.47	54.00	-3.53	17.56	3	Horizontal	33	1.00	-	28.46	4.45	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

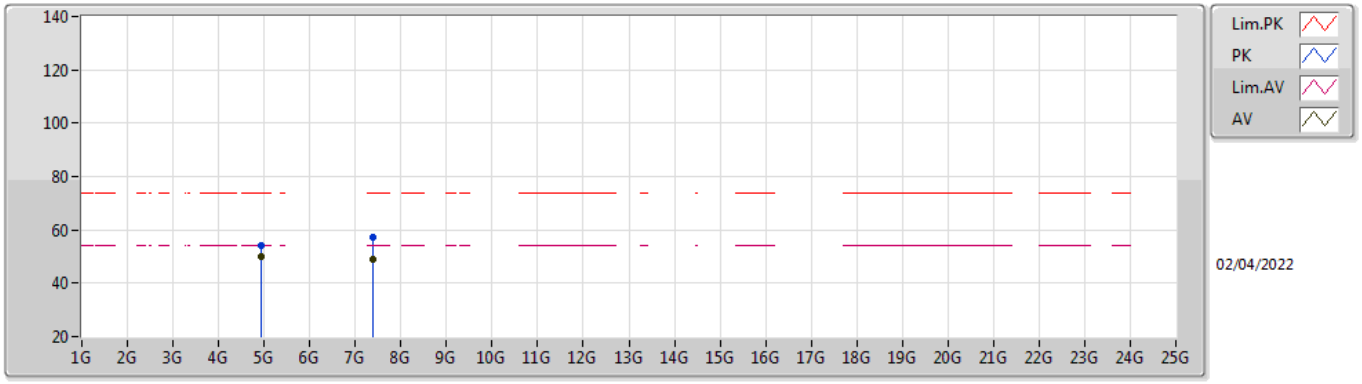


EUT Z_2TX
Setting 21
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92394G	55.39	74.00	-18.61	49.91	3	Vertical	340	1.01	-	33.75	7.10	35.37
AV	4.92396G	52.30	54.00	-1.70	46.82	3	Vertical	340	1.01	-	33.75	7.10	35.37
PK	7.38498G	56.13	74.00	-17.87	46.15	3	Vertical	343	2.97	-	37.00	8.57	35.59
AV	7.38672G	48.88	54.00	-5.12	38.90	3	Vertical	343	2.97	-	37.00	8.57	35.59

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

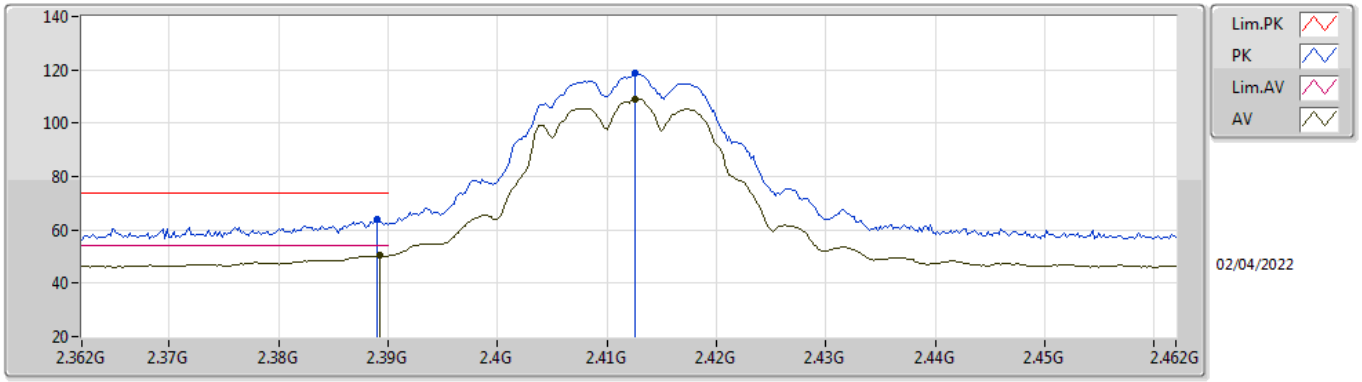


EUT Z_2TX
Setting 21
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92394G	54.26	74.00	-20.74	47.78	3	Horizontal	278	2.64	-	33.75	7.10	35.37
AV	4.92398G	49.91	54.00	-5.09	43.43	3	Horizontal	278	2.64	-	33.75	7.10	35.37
PK	7.38456G	57.45	74.00	-17.55	46.47	3	Horizontal	334	2.68	-	37.00	8.57	35.59
AV	7.38668G	48.86	54.00	-6.14	37.88	3	Horizontal	334	2.68	-	37.00	8.57	35.59

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

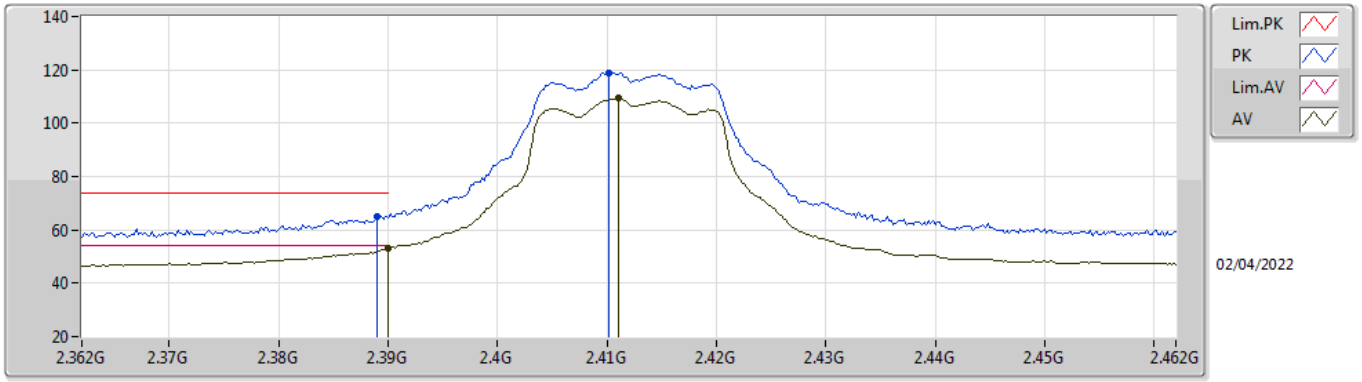


EUT X_2TX
Setting 20
03-C-K-3

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	63.98	74.00	-10.02	31.33	3	Vertical	81	1.14	-	28.26	4.39	-
AV	2.3892G	50.27	54.00	-3.73	17.62	3	Vertical	81	1.14	-	28.26	4.39	-
PK	2.4126G	118.72	Inf	-Inf	86.01	3	Vertical	81	1.14	-	28.30	4.41	-
AV	2.4126G	109.20	Inf	-Inf	76.49	3	Vertical	81	1.14	-	28.30	4.41	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

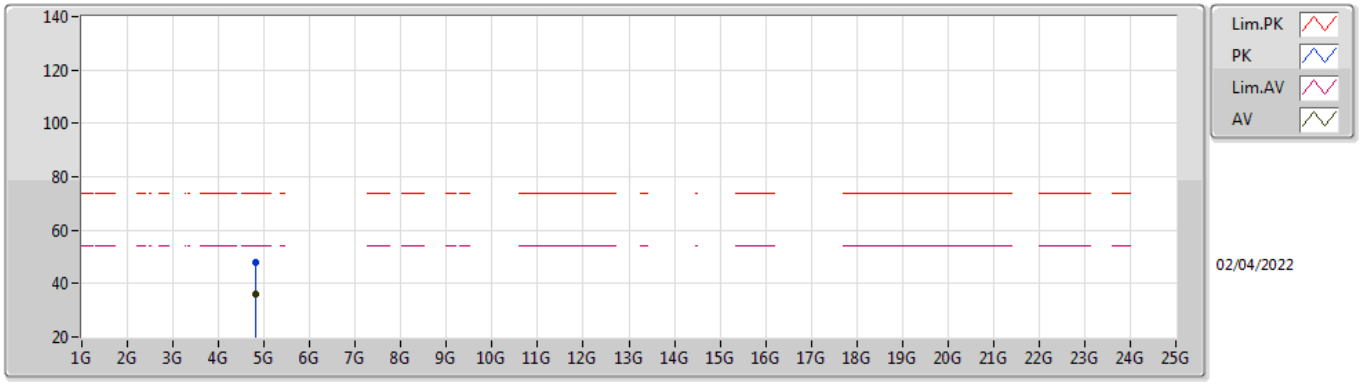


EUT X_2TX
Setting 20
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	65.19	74.00	-8.81	32.54	3	Horizontal	35	1.00	-	28.26	4.39	-
AV	2.39G	53.20	54.00	-0.80	20.55	3	Horizontal	35	1.00	-	28.26	4.39	-
PK	2.4102G	118.89	Inf	-Inf	86.18	3	Horizontal	35	1.00	-	28.30	4.41	-
AV	2.411G	109.24	Inf	-Inf	76.53	3	Horizontal	35	1.00	-	28.30	4.41	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

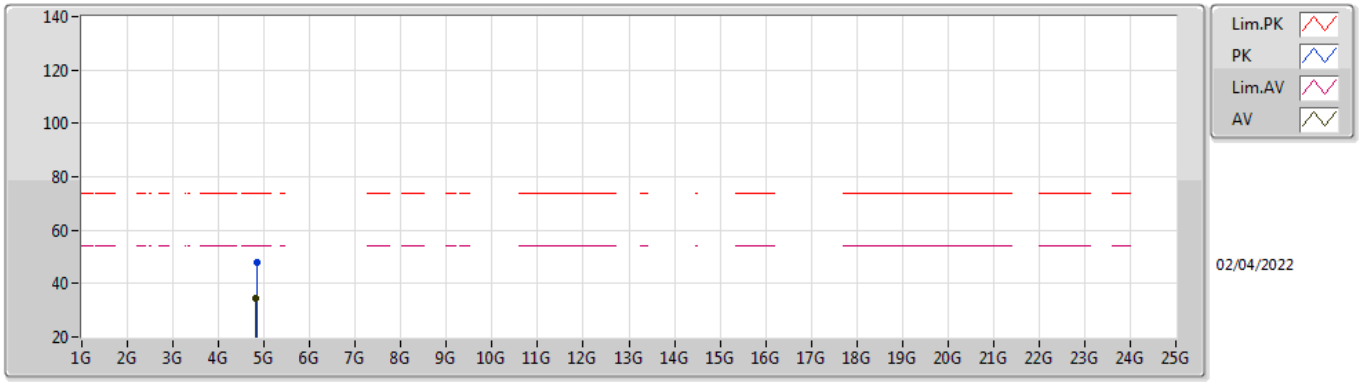


EUT Z_2TX
Setting 20
03-C-K-3

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	4.8262G	48.17	74.00	-25.83	43.13	3	Vertical	0	1.80	-	33.36	7.10	35.42
AV	4.82398G	36.28	54.00	-17.72	31.26	3	Vertical	0	1.80	-	33.34	7.10	35.42

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

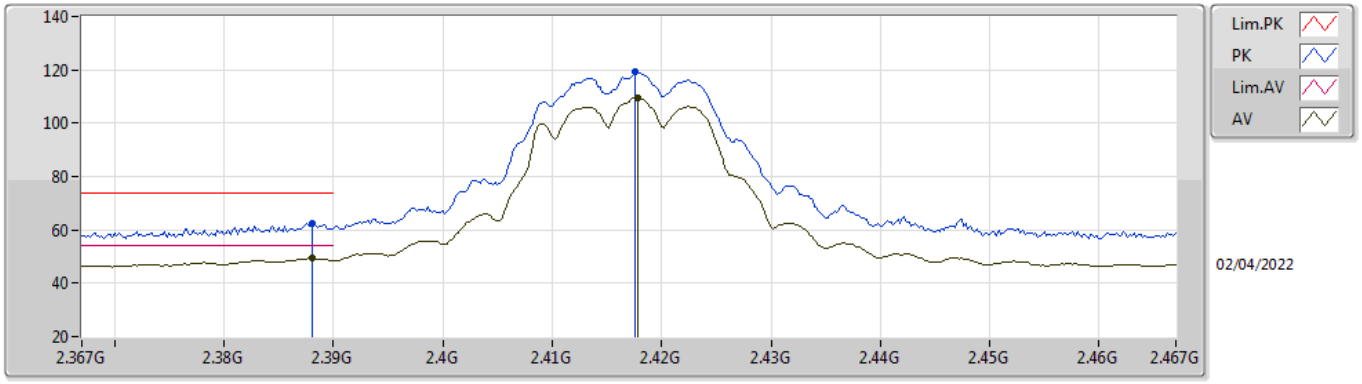


EUT Z_2TX
Setting 20
03-C-K-3

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	4.8304G	47.94	74.00	-26.06	42.88	3	Horizontal	46	1.80	-	33.38	7.10	35.42
AV	4.82524G	34.50	54.00	-19.50	29.47	3	Horizontal	46	1.80	-	33.35	7.10	35.42

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

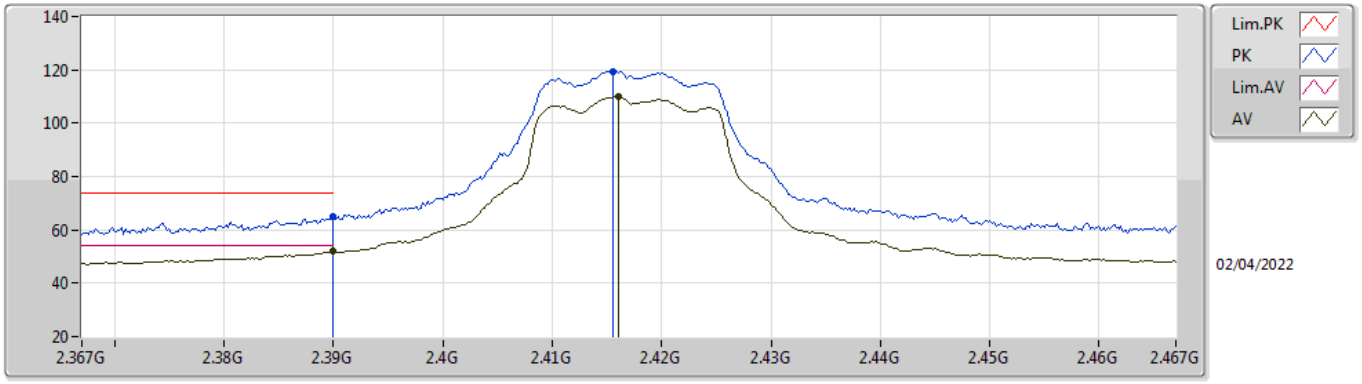


EUT X_2TX
Setting 20.5
03-C-K-3

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	2.388G	62.36	74.00	-11.64	29.72	3	Vertical	82	1.07	-	28.25	4.39	-
AV	2.388G	49.38	54.00	-4.62	16.74	3	Vertical	82	1.07	-	28.25	4.39	-
PK	2.4176G	119.12	Inf	-Inf	86.41	3	Vertical	82	1.07	-	28.30	4.41	-
AV	2.4178G	109.61	Inf	-Inf	76.90	3	Vertical	82	1.07	-	28.30	4.41	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

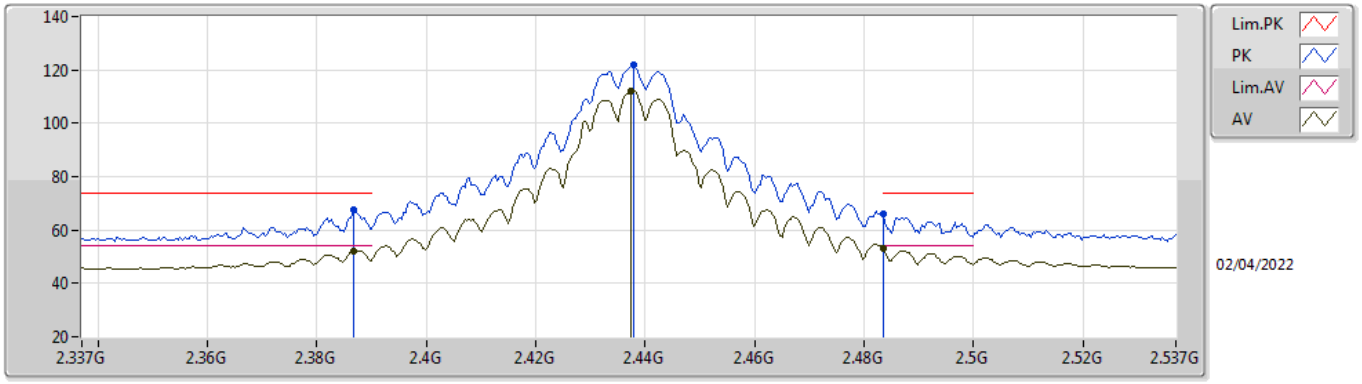


EUT X_2TX
Setting 20.5
03-C-K-3

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	64.86	74.00	-9.14	32.21	3	Horizontal	37	1.00	-	28.26	4.39	-
AV	2.39G	51.82	54.00	-2.18	19.17	3	Horizontal	37	1.00	-	28.26	4.39	-
PK	2.4156G	119.51	Inf	-Inf	86.80	3	Horizontal	37	1.00	-	28.30	4.41	-
AV	2.416G	109.81	Inf	-Inf	77.10	3	Horizontal	37	1.00	-	28.30	4.41	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

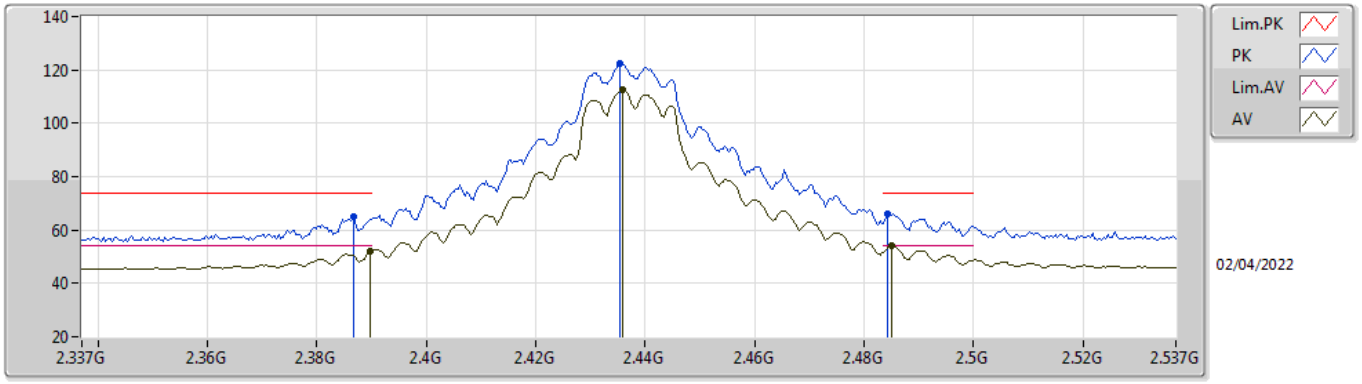


EUT X_2TX
Setting 23.5
03-C-K-3

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	2.3866G	67.50	74.00	-6.50	34.86	3	Vertical	80	1.48	-	28.25	4.39	-
AV	2.3866G	52.32	54.00	-1.68	19.68	3	Vertical	80	1.48	-	28.25	4.39	-
PK	2.4378G	121.66	Inf	-Inf	88.94	3	Vertical	80	1.48	-	28.30	4.42	-
AV	2.4374G	112.10	Inf	-Inf	79.38	3	Vertical	80	1.48	-	28.30	4.42	-
PK	2.4835G	66.13	74.00	-7.87	33.26	3	Vertical	80	1.48	-	28.43	4.44	-
AV	2.4835G	52.89	54.00	-1.11	20.02	3	Vertical	80	1.48	-	28.43	4.44	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

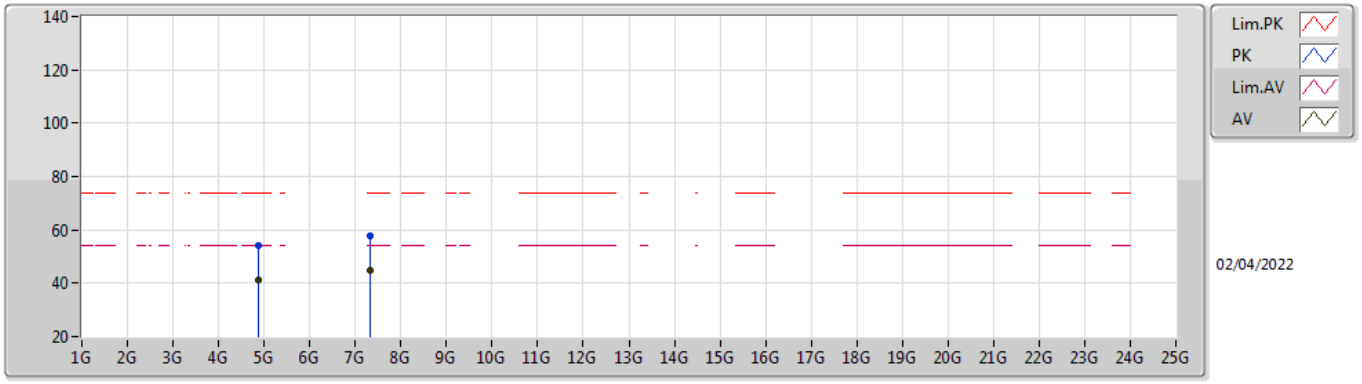


EUT X_2TX
Setting 23.5
03-C-K-3

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	2.3866G	65.17	74.00	-8.83	32.53	3	Horizontal	26	2.63	-	28.25	4.39	-
AV	2.3898G	52.20	54.00	-1.80	19.55	3	Horizontal	26	2.63	-	28.26	4.39	-
PK	2.4354G	122.20	Inf	-Inf	89.48	3	Horizontal	26	2.63	-	28.30	4.42	-
AV	2.4358G	112.50	Inf	-Inf	79.78	3	Horizontal	26	2.63	-	28.30	4.42	-
PK	2.4842G	66.18	74.00	-7.82	33.30	3	Horizontal	26	2.63	-	28.44	4.44	-
AV	2.485G	53.91	54.00	-0.09	21.03	3	Horizontal	26	2.63	-	28.44	4.44	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

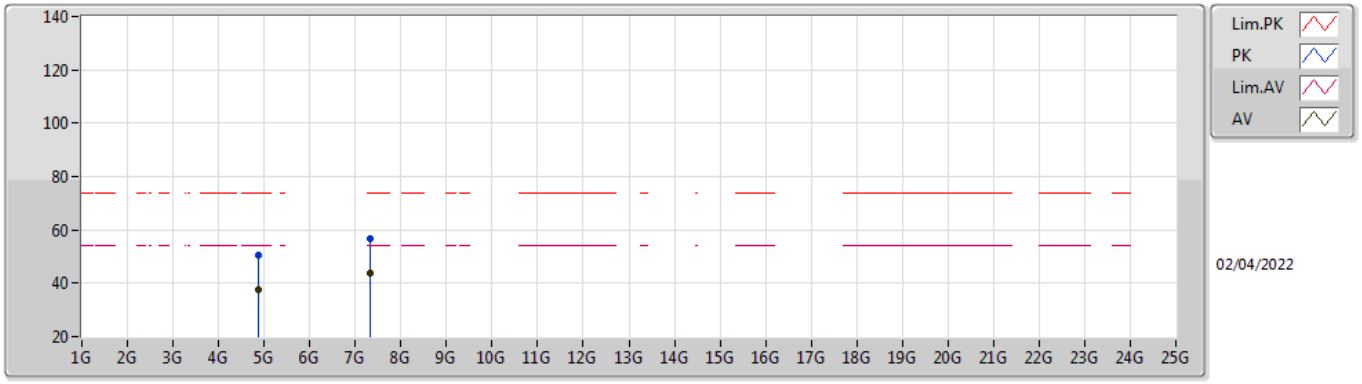


EUT Z_2TX
Setting 23.5
03-C-K-3

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	4.87528G	53.96	74.00	-20.04	48.65	3	Vertical	336	1.00	-	33.60	7.10	35.39
AV	4.87392G	41.12	54.00	-12.88	35.82	3	Vertical	336	1.00	-	33.60	7.10	35.40
PK	7.31244G	58.00	74.00	-16.00	48.23	3	Vertical	338	2.92	-	36.92	8.42	35.57
AV	7.31228G	45.08	54.00	-8.92	35.31	3	Vertical	338	2.92	-	36.92	8.42	35.57

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

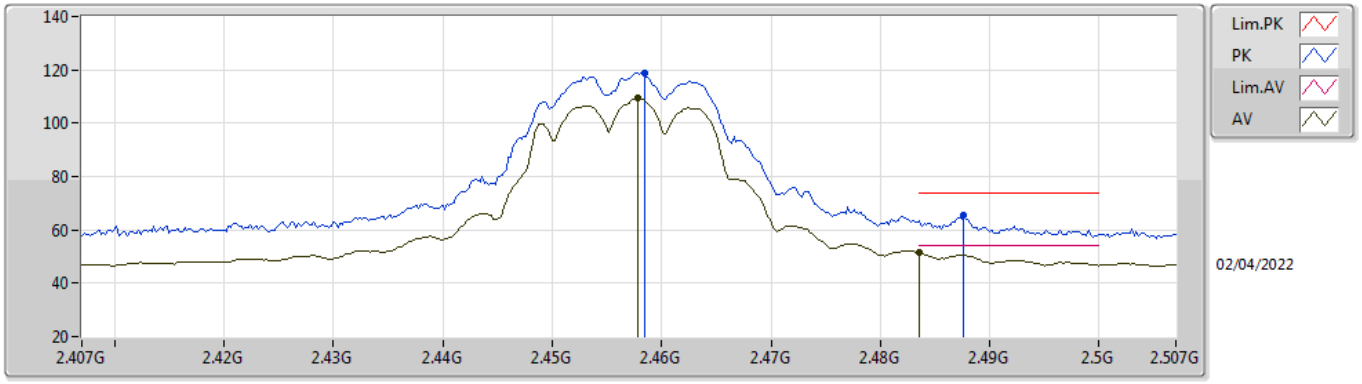


EUT Z_2TX
Setting 23.5
03-C-K-3

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	4.87024G	50.47	74.00	-23.53	45.19	3	Horizontal	352	1.12	-	33.58	7.10	35.40
AV	4.874G	37.38	54.00	-16.62	32.08	3	Horizontal	352	1.12	-	33.60	7.10	35.40
PK	7.31292G	56.96	74.00	-17.04	47.17	3	Horizontal	95	2.75	-	36.93	8.43	35.57
AV	7.31332G	43.88	54.00	-10.12	34.09	3	Horizontal	95	2.75	-	36.93	8.43	35.57

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

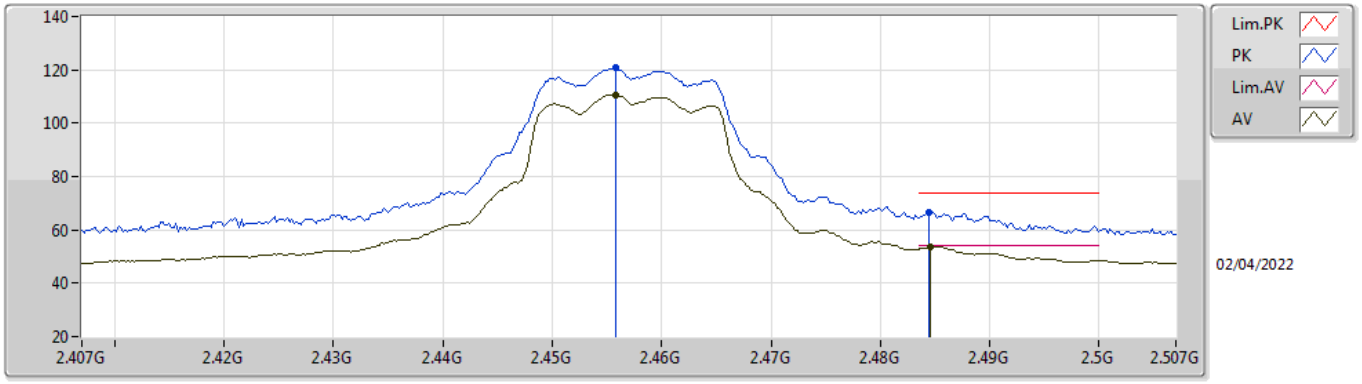


EUT X_2TX
Setting 21
03-C-K-3

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	2.4584G	118.98	Inf	-Inf	86.22	3	Vertical	87	1.09	-	28.33	4.43	-
AV	2.4578G	109.39	Inf	-Inf	76.63	3	Vertical	87	1.09	-	28.33	4.43	-
PK	2.4876G	65.77	74.00	-8.23	32.88	3	Vertical	87	1.09	-	28.45	4.44	-
AV	2.4835G	51.45	54.00	-2.55	18.58	3	Vertical	87	1.09	-	28.43	4.44	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

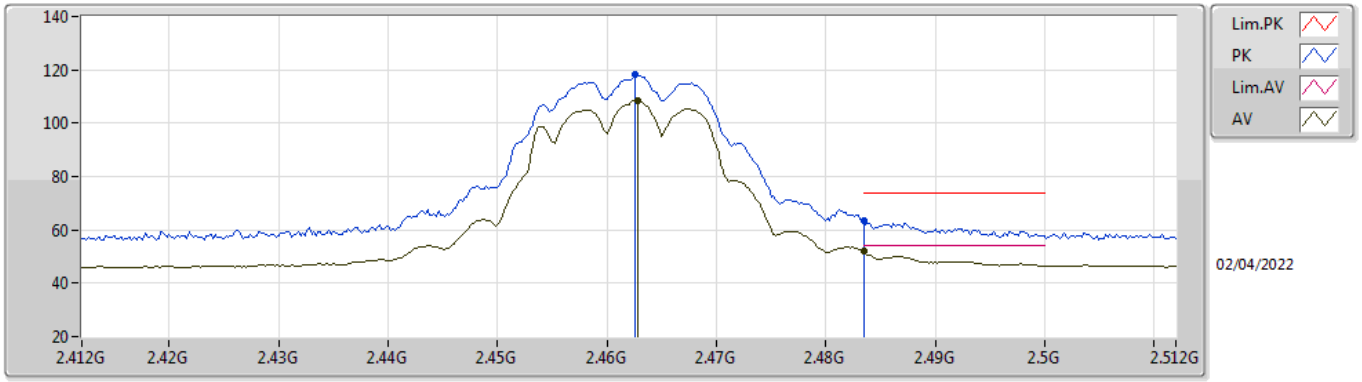


EUT X_2TX
Setting 21
03-C-K-3

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	2.4558G	120.68	Inf	-Inf	87.93	3	Horizontal	43	1.00	-	28.32	4.43	-
AV	2.4558G	110.59	Inf	-Inf	77.84	3	Horizontal	43	1.00	-	28.32	4.43	-
PK	2.4844G	66.41	74.00	-7.59	33.53	3	Horizontal	43	1.00	-	28.44	4.44	-
AV	2.4846G	53.72	54.00	-0.28	20.84	3	Horizontal	43	1.00	-	28.44	4.44	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

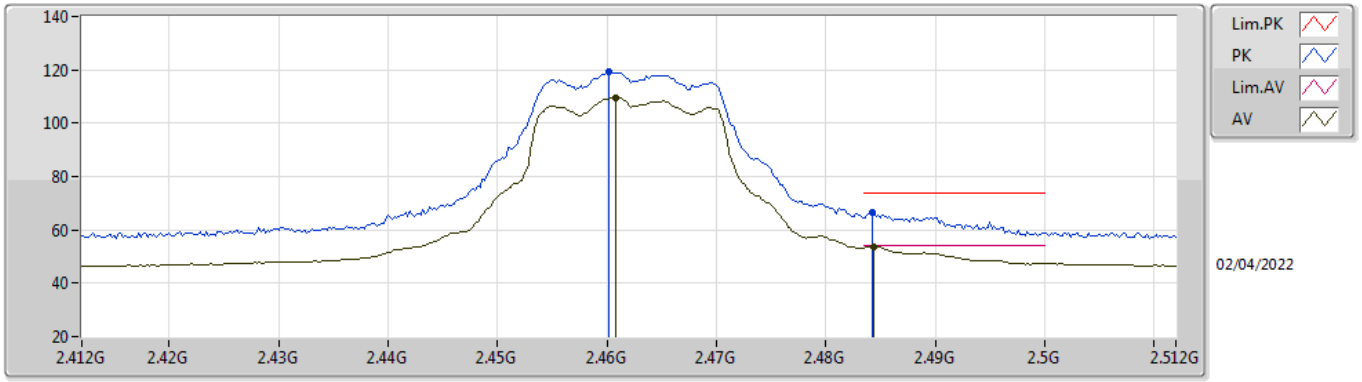


EUT X_2TX
Setting 19.5
03-C-K-3

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	2.4626G	118.02	Inf	-Inf	85.24	3	Vertical	83	1.27	-	28.35	4.43	-
AV	2.4628G	108.53	Inf	-Inf	75.75	3	Vertical	83	1.27	-	28.35	4.43	-
PK	2.4835G	63.39	74.00	-10.61	30.52	3	Vertical	83	1.27	-	28.43	4.44	-
AV	2.4835G	51.89	54.00	-2.11	19.02	3	Vertical	83	1.27	-	28.43	4.44	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

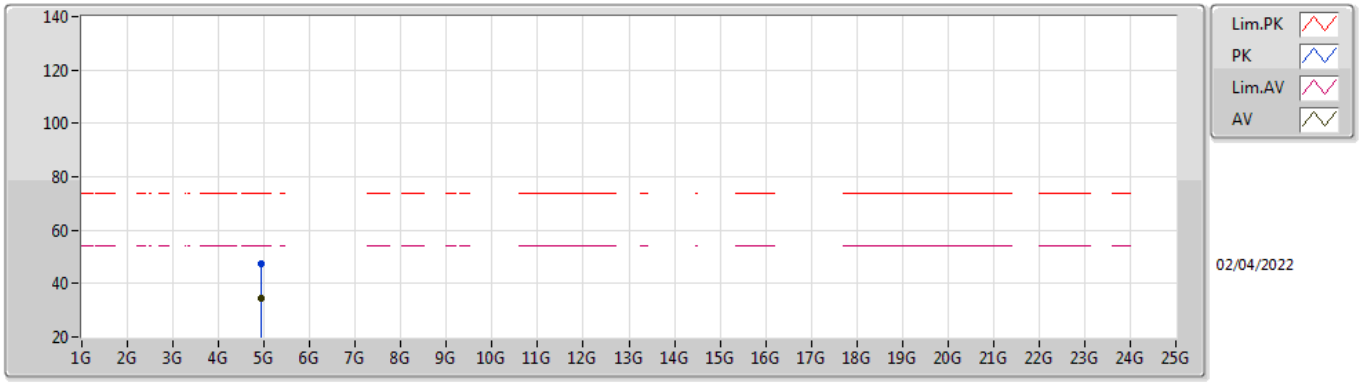


EUT X_2TX
Setting 19.5
03-C-K-3

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	2.4602G	119.24	Inf	-Inf	86.47	3	Horizontal	40	1.02	-	28.34	4.43	-
AV	2.4608G	109.38	Inf	-Inf	76.61	3	Horizontal	40	1.02	-	28.34	4.43	-
PK	2.4842G	66.33	74.00	-7.67	33.45	3	Horizontal	40	1.02	-	28.44	4.44	-
AV	2.4844G	53.74	54.00	-0.26	20.86	3	Horizontal	40	1.02	-	28.44	4.44	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

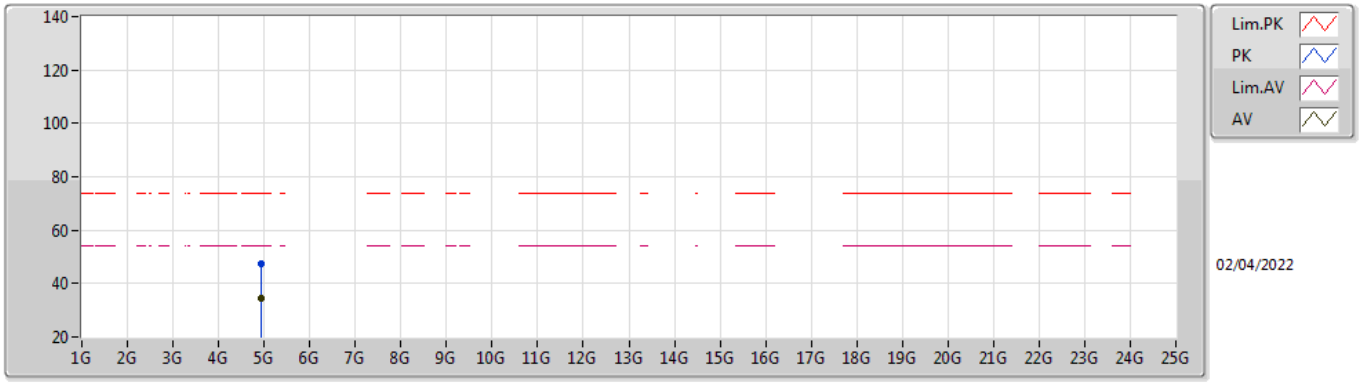


EUT Z_2TX
Setting 19.5
03-C-K-3

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	4.92436G	47.49	74.00	-26.51	42.01	3	Vertical	140	1.08	-	33.75	7.10	35.37
AV	4.92377G	34.55	54.00	-19.45	29.07	3	Vertical	140	1.08	-	33.75	7.10	35.37

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

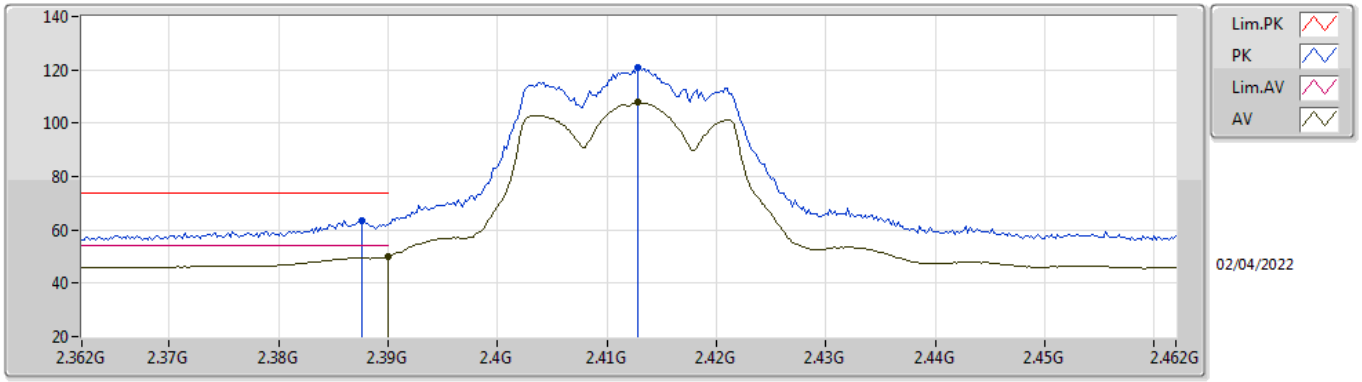


EUT Z_2TX
Setting 19.5
03-C-K-3

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	4.92371G	47.60	74.00	-26.40	42.12	3	Horizontal	295	2.10	-	33.75	7.10	35.37
AV	4.92393G	34.57	54.00	-19.43	29.09	3	Horizontal	295	2.10	-	33.75	7.10	35.37

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

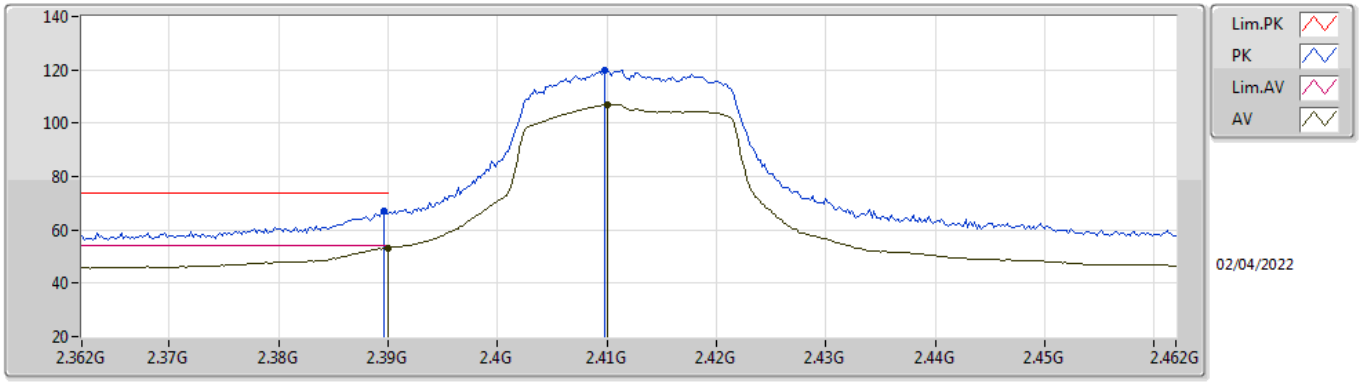


EUT X_2TX
Setting 19.5
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3876G	63.51	74.00	-10.49	30.87	3	Vertical	83	1.15	-	28.25	4.39	-
AV	2.39G	50.16	54.00	-3.84	17.51	3	Vertical	83	1.15	-	28.26	4.39	-
PK	2.4128G	121.10	Inf	-Inf	88.39	3	Vertical	83	1.15	-	28.30	4.41	-
AV	2.4128G	107.82	Inf	-Inf	75.11	3	Vertical	83	1.15	-	28.30	4.41	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

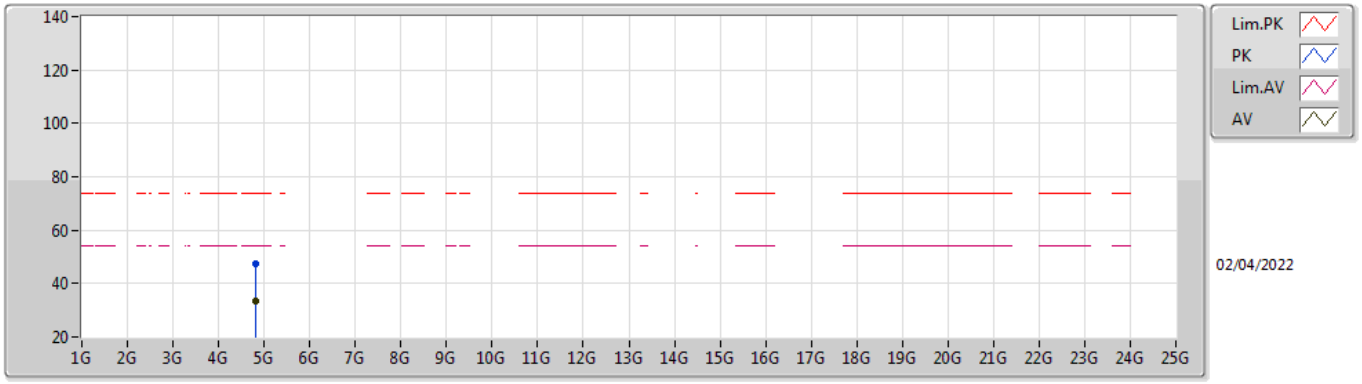


EUT X_2TX
Setting 19.5
03-C-K-3

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	67.21	74.00	-6.79	34.56	3	Horizontal	37	1.00	-	28.26	4.39	-
AV	2.39G	53.12	54.00	-0.88	20.47	3	Horizontal	37	1.00	-	28.26	4.39	-
PK	2.4098G	119.67	Inf	-Inf	86.97	3	Horizontal	37	1.00	-	28.30	4.40	-
AV	2.41G	106.80	Inf	-Inf	74.09	3	Horizontal	37	1.00	-	28.30	4.41	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

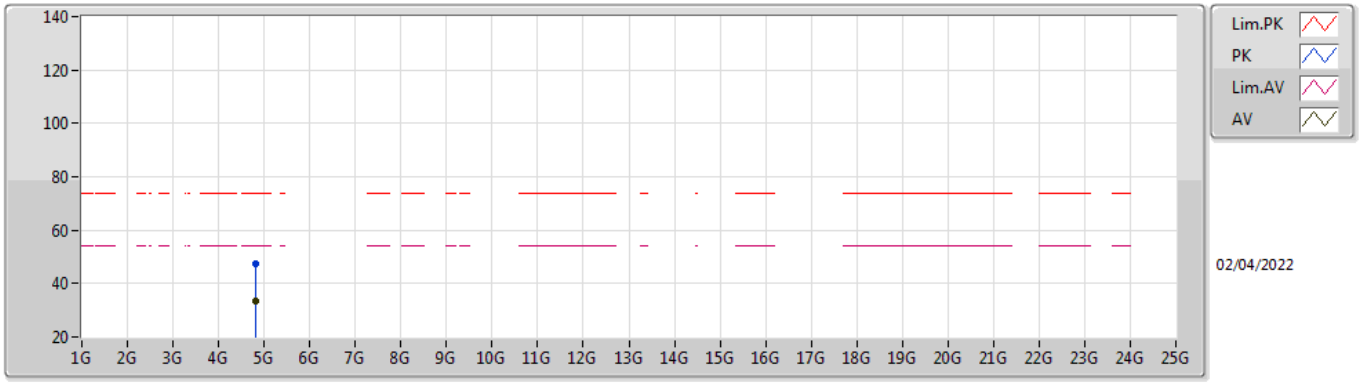


EUT Z_2TX
Setting 19.5
03-C-K-3

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	4.82401G	47.28	74.00	-26.72	42.26	3	Vertical	65	1.25	-	33.34	7.10	35.42
AV	4.8243G	33.67	54.00	-20.33	28.64	3	Vertical	65	1.25	-	33.35	7.10	35.42

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

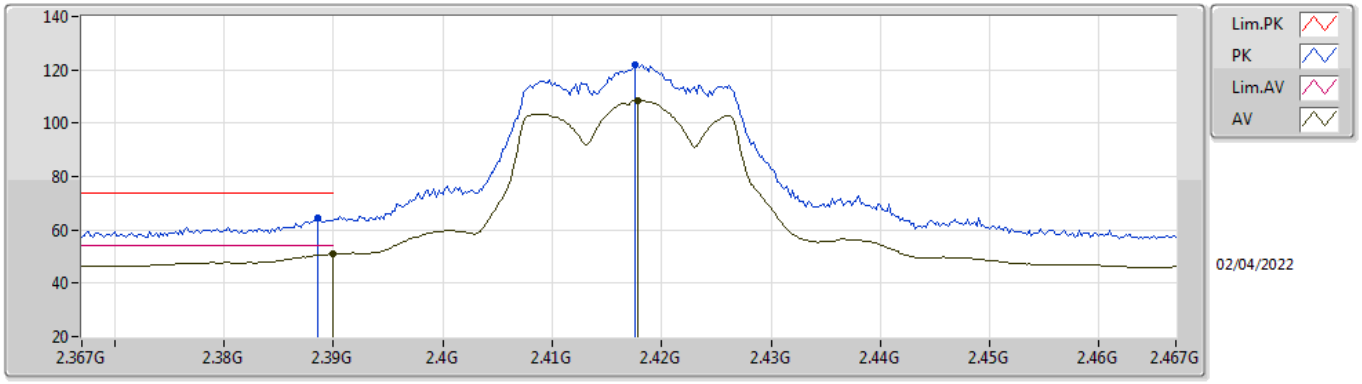


EUT Z_2TX
Setting 19.5
03-C-K-3

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	4.8243G	47.16	74.00	-26.84	42.13	3	Horizontal	220	1.23	-	33.35	7.10	35.42
AV	4.82363G	33.59	54.00	-20.41	28.57	3	Horizontal	220	1.23	-	33.34	7.10	35.42

802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

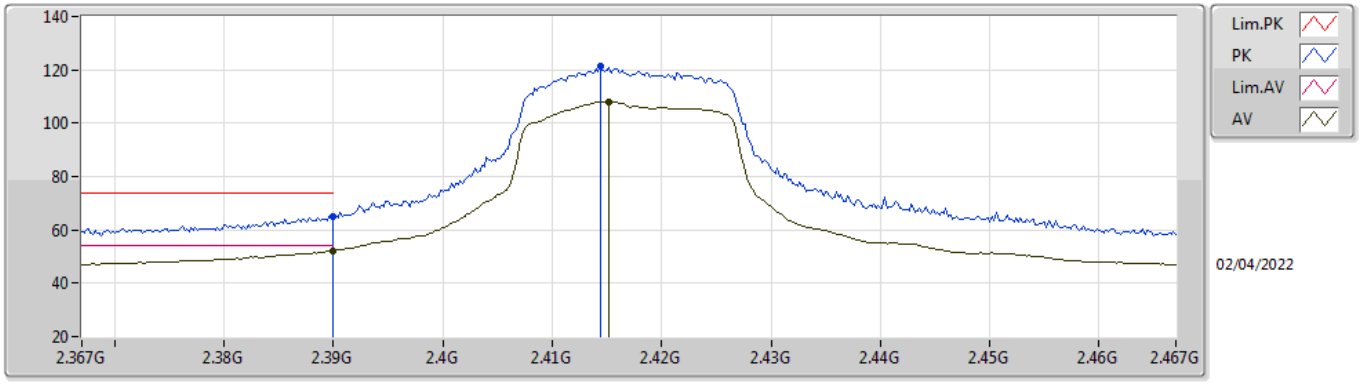


EUT X_2TX
Setting 20.5
03-C-K-3

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	64.58	74.00	-9.42	31.94	3	Vertical	80	1.09	-	28.25	4.39	-
AV	2.39G	50.89	54.00	-3.11	18.24	3	Vertical	80	1.09	-	28.26	4.39	-
PK	2.4176G	121.99	Inf	-Inf	89.28	3	Vertical	80	1.09	-	28.30	4.41	-
AV	2.4178G	108.70	Inf	-Inf	75.99	3	Vertical	80	1.09	-	28.30	4.41	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

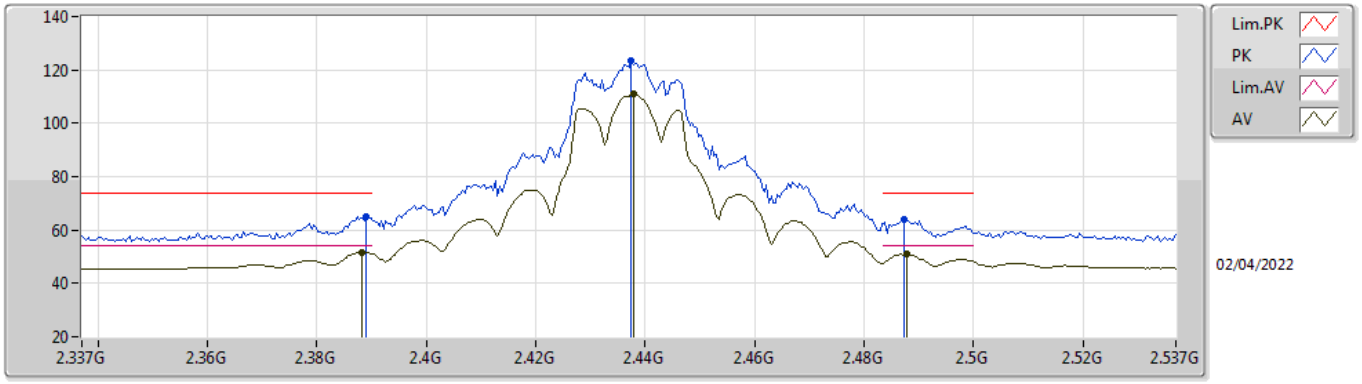


EUT X_2TX
Setting 20.5
03-C-K-3

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	65.13	74.00	-8.87	32.48	3	Horizontal	39	1.00	-	28.26	4.39	-
AV	2.39G	52.22	54.00	-1.78	19.57	3	Horizontal	39	1.00	-	28.26	4.39	-
PK	2.4144G	121.16	Inf	-Inf	88.45	3	Horizontal	39	1.00	-	28.30	4.41	-
AV	2.4152G	107.97	Inf	-Inf	75.26	3	Horizontal	39	1.00	-	28.30	4.41	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

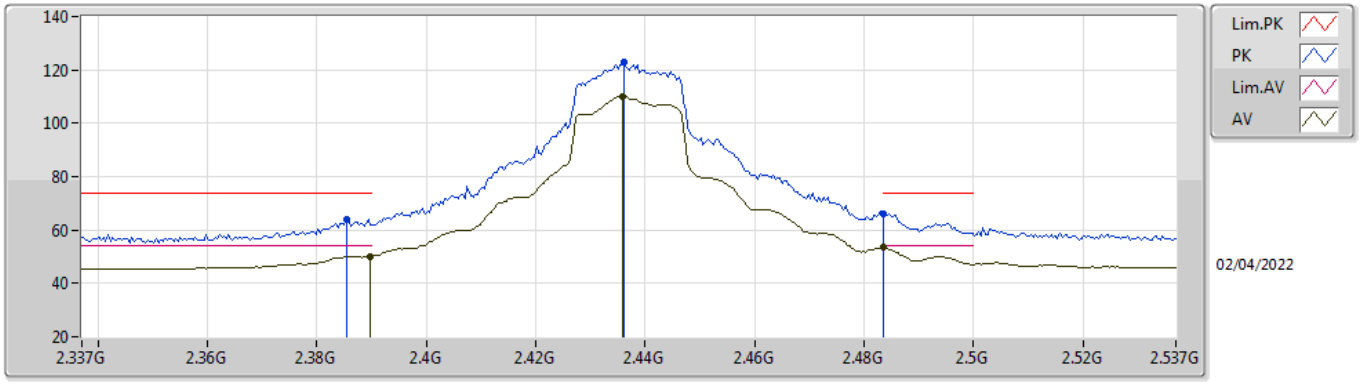


EUT X_2TX
Setting 23
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	65.09	74.00	-8.91	32.44	3	Vertical	86	1.47	-	28.26	4.39	-
AV	2.3882G	51.65	54.00	-2.35	19.01	3	Vertical	86	1.47	-	28.25	4.39	-
PK	2.4374G	123.46	Inf	-Inf	90.74	3	Vertical	86	1.47	-	28.30	4.42	-
AV	2.4378G	110.89	Inf	-Inf	78.17	3	Vertical	86	1.47	-	28.30	4.42	-
PK	2.4874G	64.18	74.00	-9.82	31.29	3	Vertical	86	1.47	-	28.45	4.44	-
AV	2.4878G	51.01	54.00	-2.99	18.12	3	Vertical	86	1.47	-	28.45	4.44	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

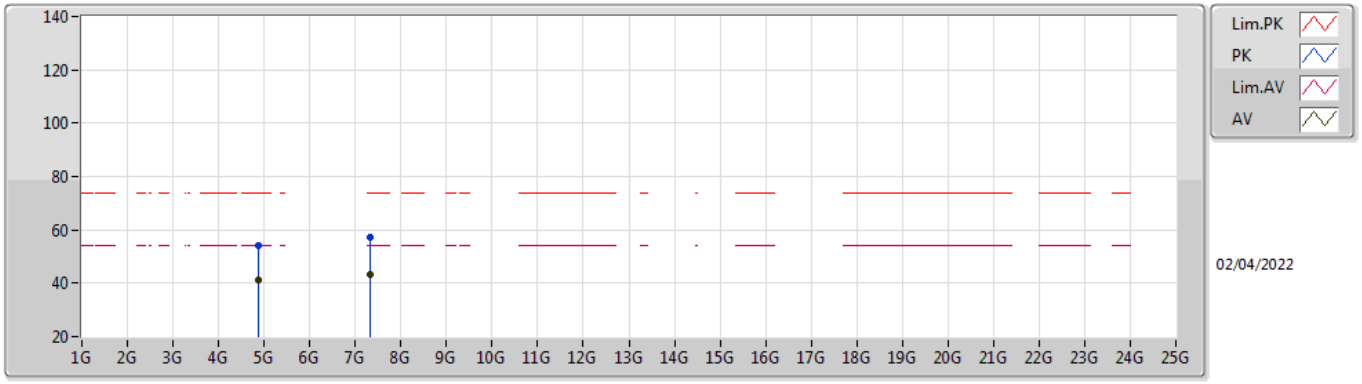


EUT X_2TX
Setting 23
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3854G	64.10	74.00	-9.90	31.47	3	Horizontal	24	1.22	-	28.24	4.39	-
AV	2.3898G	50.04	54.00	-3.96	17.39	3	Horizontal	24	1.22	-	28.26	4.39	-
PK	2.4362G	122.90	Inf	-Inf	90.18	3	Horizontal	24	1.22	-	28.30	4.42	-
AV	2.4358G	110.13	Inf	-Inf	77.41	3	Horizontal	24	1.22	-	28.30	4.42	-
PK	2.4835G	66.11	74.00	-7.89	33.24	3	Horizontal	24	1.22	-	28.43	4.44	-
AV	2.4835G	53.39	54.00	-0.61	20.52	3	Horizontal	24	1.22	-	28.43	4.44	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

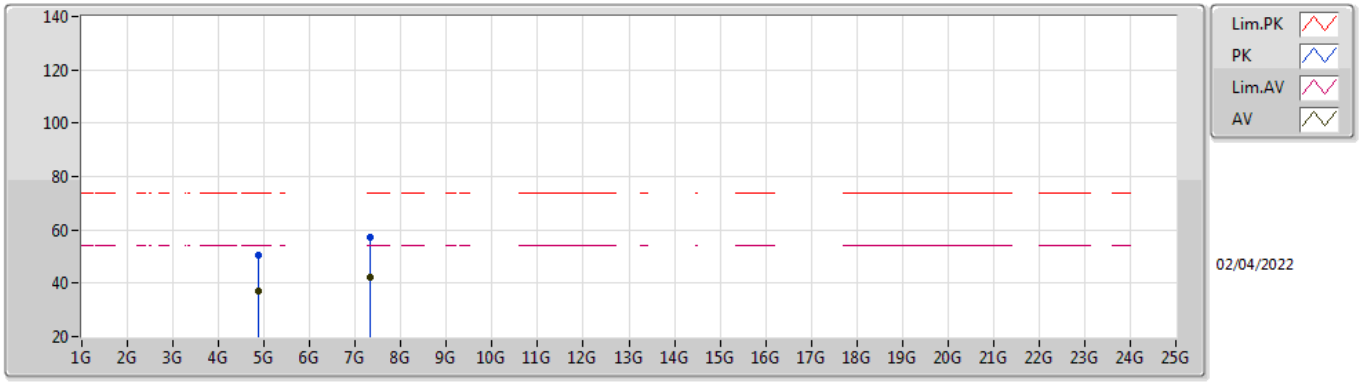


EUT Z_2TX
Setting 23
03-C-K-3

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	4.8739G	54.10	74.00	-19.90	48.80	3	Vertical	336	1.00	-	33.60	7.10	35.40
AV	4.8739G	41.19	54.00	-12.81	35.89	3	Vertical	336	1.00	-	33.60	7.10	35.40
PK	7.3145G	57.41	74.00	-16.59	47.62	3	Vertical	340	2.82	-	36.93	8.43	35.57
AV	7.314G	43.40	54.00	-10.60	33.61	3	Vertical	340	2.82	-	36.93	8.43	35.57

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

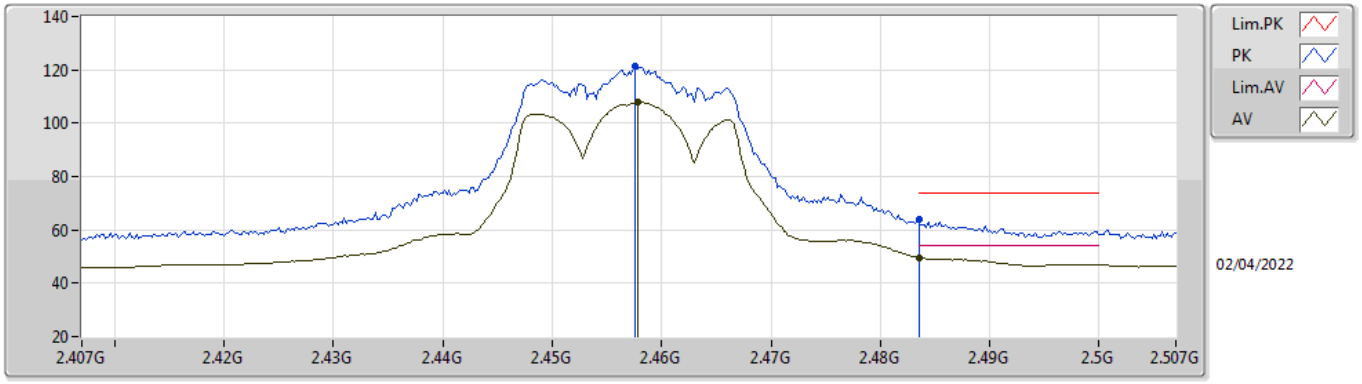


EUT Z_2TX
Setting 23
03-C-K-3

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	4.8729G	50.35	74.00	-23.65	45.06	3	Horizontal	273	3.00	-	33.59	7.10	35.40
AV	4.8738G	37.00	54.00	-17.00	31.70	3	Horizontal	273	3.00	-	33.60	7.10	35.40
PK	7.3151G	57.31	74.00	-16.69	47.52	3	Horizontal	96	2.80	-	36.93	8.43	35.57
AV	7.3152G	42.44	54.00	-11.56	32.65	3	Horizontal	96	2.80	-	36.93	8.43	35.57

802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

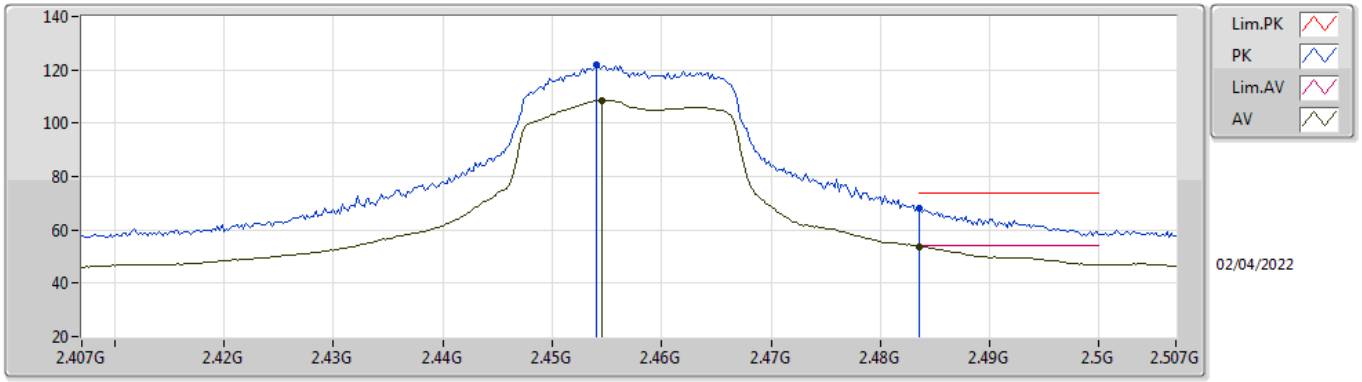


EUT X_2TX
Setting 20.5
03-C-K-3

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	2.4576G	121.63	Inf	-Inf	88.87	3	Vertical	78	1.38	-	28.33	4.43	-
AV	2.4578G	107.98	Inf	-Inf	75.22	3	Vertical	78	1.38	-	28.33	4.43	-
PK	2.4835G	63.81	74.00	-10.19	30.94	3	Vertical	78	1.38	-	28.43	4.44	-
AV	2.4835G	49.57	54.00	-4.43	16.70	3	Vertical	78	1.38	-	28.43	4.44	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

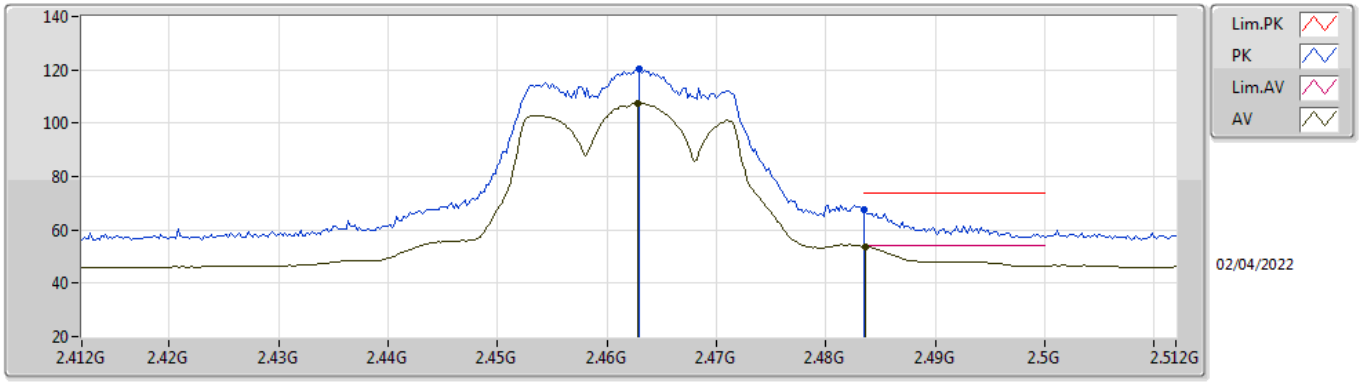


EUT X_2TX
Setting 20.5
03-C-K-3

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	2.454G	121.69	Inf	-Inf	88.94	3	Horizontal	39	1.03	-	28.32	4.43	-
AV	2.4546G	108.51	Inf	-Inf	75.76	3	Horizontal	39	1.03	-	28.32	4.43	-
PK	2.4836G	68.14	74.00	-5.86	35.27	3	Horizontal	39	1.03	-	28.43	4.44	-
AV	2.4835G	53.87	54.00	-0.13	21.00	3	Horizontal	39	1.03	-	28.43	4.44	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

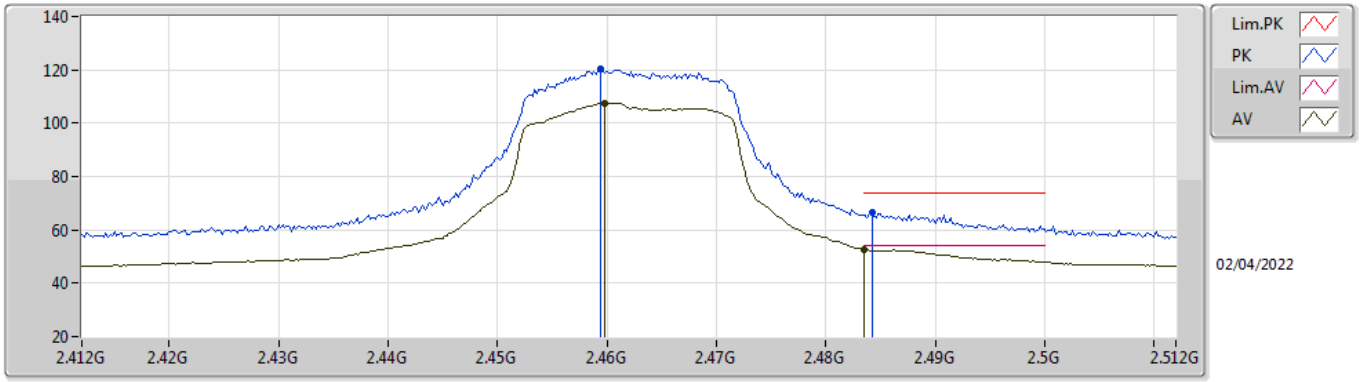


EUT X_2TX
Setting 19.5
03-C-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	120.52	Inf	-Inf	87.74	3	Vertical	84	1.26	-	28.35	4.43	-
AV	2.4628G	107.66	Inf	-Inf	74.88	3	Vertical	84	1.26	-	28.35	4.43	-
PK	2.4835G	67.69	74.00	-6.31	34.82	3	Vertical	84	1.26	-	28.43	4.44	-
AV	2.4836G	53.80	54.00	-0.20	20.93	3	Vertical	84	1.26	-	28.43	4.44	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

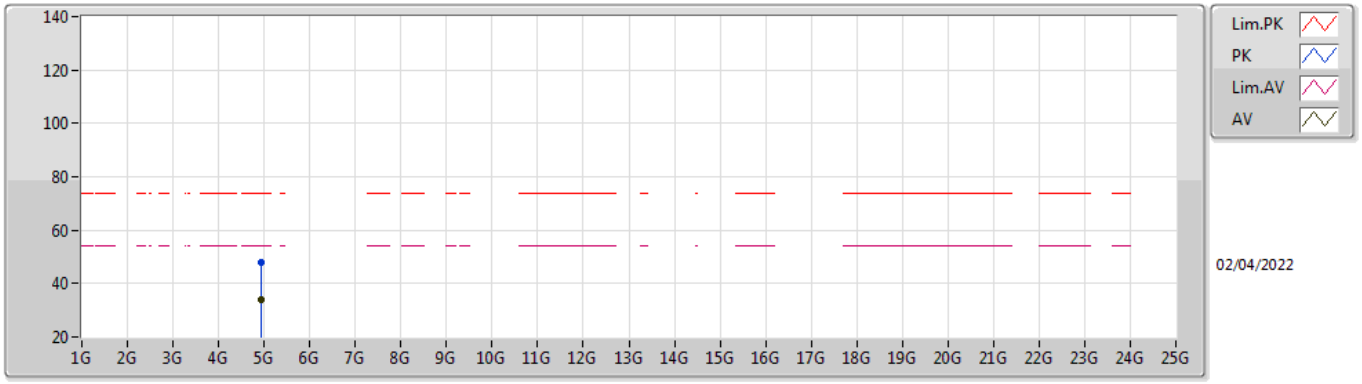


EUT X_2TX
Setting 19.5
03-C-K-3

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	2.4594G	120.41	Inf	-Inf	87.64	3	Horizontal	39	1.00	-	28.34	4.43	-
AV	2.4598G	107.55	Inf	-Inf	74.78	3	Horizontal	39	1.00	-	28.34	4.43	-
PK	2.4842G	66.58	74.00	-7.42	33.70	3	Horizontal	39	1.00	-	28.44	4.44	-
AV	2.4835G	52.47	54.00	-1.53	19.60	3	Horizontal	39	1.00	-	28.43	4.44	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

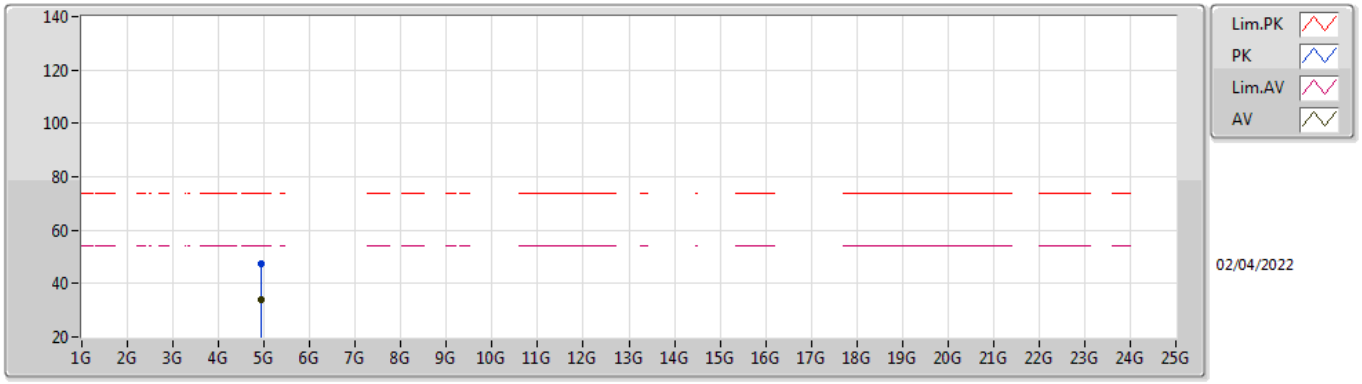


EUT Z_2TX
Setting 19.5
03-C-K-3

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	4.92388G	47.68	74.00	-26.32	42.20	3	Vertical	330	1.23	-	33.75	7.10	35.37
AV	4.92382G	34.05	54.00	-19.95	28.57	3	Vertical	330	1.23	-	33.75	7.10	35.37

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX



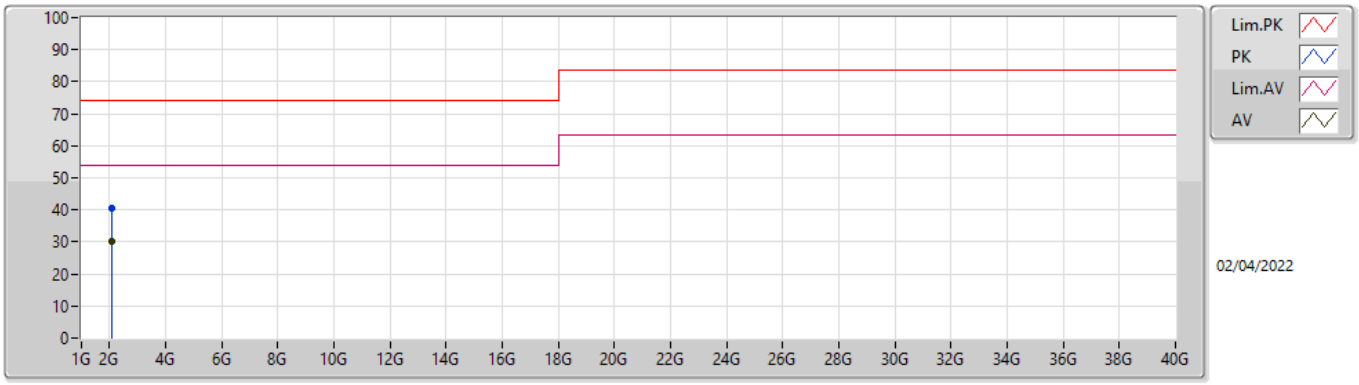
EUT Z_2TX
Setting 19.5
03-C-K-3

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	4.92365G	47.54	74.00	-26.46	42.06	3	Horizontal	290	2.28	-	33.75	7.10	35.37
AV	4.92401G	34.09	54.00	-19.91	28.61	3	Horizontal	290	2.28	-	33.75	7.10	35.37

Summary

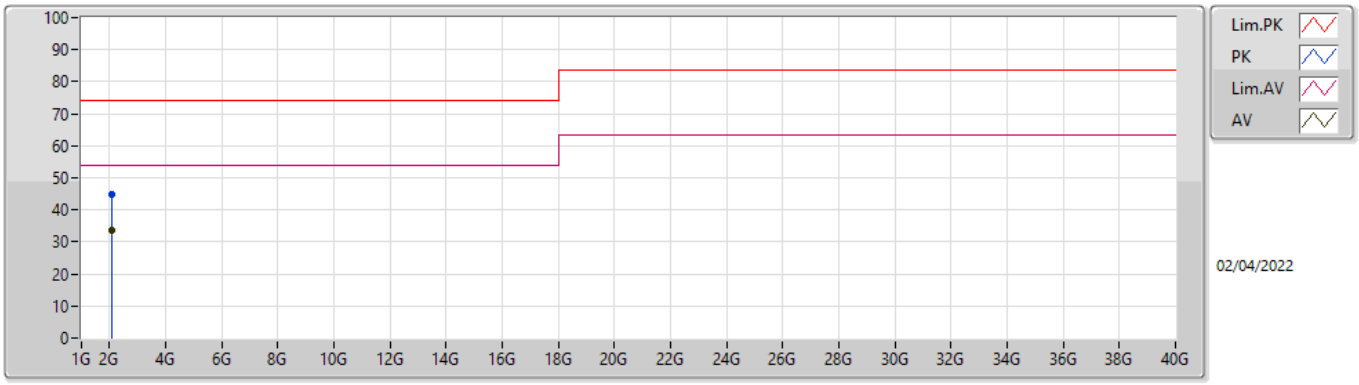
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	2.09277G	33.83	54.00	-20.17	Horizontal

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	2.09181G	40.44	74.00	-33.56	-5.28	3	Vertical	185	1.18	-	45.72	27.02	4.84	37.14
AV	2.09388G	30.33	54.00	-23.67	-5.26	3	Vertical	185	1.18	"Worst"	35.59	27.04	4.84	37.14

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	2.09349G	44.65	74.00	-29.35	-5.27	3	Horizontal	281	2.50	-	49.92	27.03	4.84	37.14
AV	2.09277G	33.83	54.00	-20.17	-5.27	3	Horizontal	281	2.50	"Worst"	39.10	27.03	4.84	37.14