Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	UDX-600149010
Equipment	:	Wi-Fi 6 Access Point
Brand Name	:	Cisco
Model Name	:	MR78-HW,GR62-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. 10, 2022, and testing was started from Apr. 02, 2022 and completed on May 05, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR232209AA	01	Initial issue of report	Jul. 11, 2022
FR232209AA	02	Revising Section 1.1.3	Jul. 28, 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: Penny Kao

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	1TX, 2TX
2.4-2.4835GHz	802.11g	20	1TX, 2TX
2.4-2.4835GHz	802.11n HT20	20	1TX, 2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	1TX, 2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	1TX, 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 2.4GHz	WLAN 5GHz	Bluetooth					
1	1	1	-	CISCO	95XEAK15.007	Dipole	I-PEX	Note1
2	2	2	-	CISCO	95XEAK15.006	Dipole	I-PEX	
3	-	-	1	CISCO	95XEAK15.008	Dipole	I-PEX	

Note1:

<Antenna Gain>

Ant.	Port			Gain (dBi)			
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz		Bluetooth
					UNII 1	UNII 3	
1	1	1	-	3.27	2.14	4.47	-
2	2	2	-	3.25	3.00	3.32	-
3	-	-	1	-	-	-	2.4

< Directional Gain>

Item	Directional Gain (dBi)		
	WLAN 2.4GHz	WLAN 5GHz	
		UNII 1	UNII 3
2T1S	4.28	3.72	4.95
2T2S	3.27	3.00	4.47

Note2: The above information was declared by manufacturer.

Note3: WLAN 2.4GHz and WLAN 5GHz directional gain is measured which follows the procedure of KDB 662911 D03. The antenna report is provided in the operational description for this application.

Note4: The EUT has three antennas.

<WLAN 2.4GHz function>

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

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Pot 1, Port 2 could transmit/receive simultaneously.

<WLAN 5GHz function>

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

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX/2RX

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

Pot 1, Port 2 could transmit/receive simultaneously.

<For Bluetooth function>

Bluetooth mode (1TX/1RX)

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

1.1.3 Mode Test Duty Cycle

For 1TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.599	2.23	650u	3k
802.11g	0.93	0.32	1.433m	1k
802.11ax HEW20	0.954	0.2	5.448m	300

For 2TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.591	2.28	650u	3k
802.11g	0.928	0.32	1.434m	1k
802.11ax HEW20	0.95	0.22	5.449m	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 11n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Test Software Version	TX: QSPR (ver.5.0-00199) RX: QRCT (ver4.0.00194.0)			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Description
MR78-HW	All the models are identical, the difference model for difference brand served as marketing strategy.
GR62-HW	

Note 1: From the above models, model: MR78-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	Item	Source	Brand Name	Model Name
1	LAN Chip	Main	Qualcomm	QCA8081
2		Second	Qualcomm	QCA8080

Note 1: After evaluating, EUT 1 was selected to perform for all tests and EUT 2 was selected to perform Emissions in Restricted Frequency Bands below 1GHz test 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	Owen Hsu	23.6-23.9 / 58-69	May 04, 2022~ May 05, 2022
Radiated Below 1GHz test	03CH05-CB	Stim Sung	24.2-26.1 / 55-58	Apr. 02, 2022~ Apr. 12, 2022
	03CH06-CB		23.8-24.9 / 55-58	
Radiated Above 1GHz test	03CH06-CB	Stim Sung	23.5-24.6 / 55-59	Arp. 02, 2022~ Apr. 30, 2022
AC Conduction	CO01-CB	Joe Chu	20~22 / 60~62	Apr. 19, 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

For 1TX

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	22.5
2437MHz	25
2462MHz	23
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	21.5
2417MHz	22
2437MHz	24.5
2457MHz	22
2462MHz	21.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	21
2417MHz	21.5
2437MHz	24.5
2457MHz	21.5
2462MHz	21

For 2TX
Non-beamforming mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	22.5
2437MHz	25
2462MHz	22.5
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	21
2417MHz	22
2437MHz	24
2457MHz	21.5
2462MHz	21
802.11ax HEW20_Nss1,(MCS0)_2TX	-
2412MHz	20.5
2417MHz	22
2437MHz	24
2457MHz	21
2462MHz	21

Beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	20.5
2417MHz	22
2437MHz	24
2457MHz	21
2462MHz	21

Note:
- Evaluated HEW20 mode only due to the 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 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
1	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 2 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 Y axis + Adapter 2
5	EUT 1 in Y axis + PoE
Mode 2 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 Y axis + Adapter 1
For operating mode 2 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	EUT 1 in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
	The EUT was performed at X axis, Y axis and Z axis position for Radiated measurement above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
Operating Mode	Normal Link
1	EUT 1 in Y 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	WLAN 2.4GHz + WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA232209 for Co-location RF Exposure Evaluation.	

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

The PoE information as below:

Support Unit	Brand	Model Name
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

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter 1	Meraki	GA-PWR-12W-US	INPUT: 100-240V~ 50/60Hz, 0.4A MAX. OUTPUT: +12.0V, 1.0A, 12.0W MAX.
2	Adapter 2	UMEC	MA-PWR-30WAC	INPUT: 100-240V~0.8A, 50-60Hz OUTPUT: 12.0V, 2.5A, 30.0W
Others				
Wall Bracket*1 RJ-45 cable*1: Non-shielded, 1.8m Grounding wire*1: Non-shielded, 1m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN PC	DELL	T3400	N/A
B	5G NB	DELL	E6430	N/A
C	2.4G NB	DELL	E6430	N/A

For Radiated (below 1GHz):

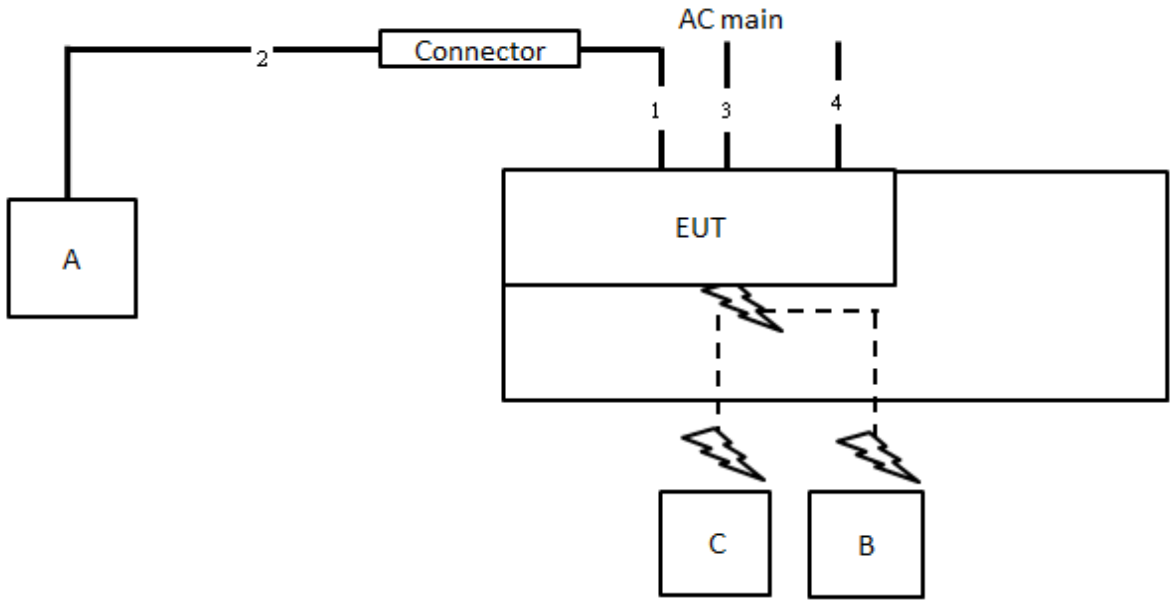
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN Notebook	DELL	E4300	N/A
B	WiFi 2.4G Notebook	DELL	E4300	N/A
C	WiFi 5G Notebook	DELL	E4300	N/A

For Radiated (above 1GHz) and RF Conducted:

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

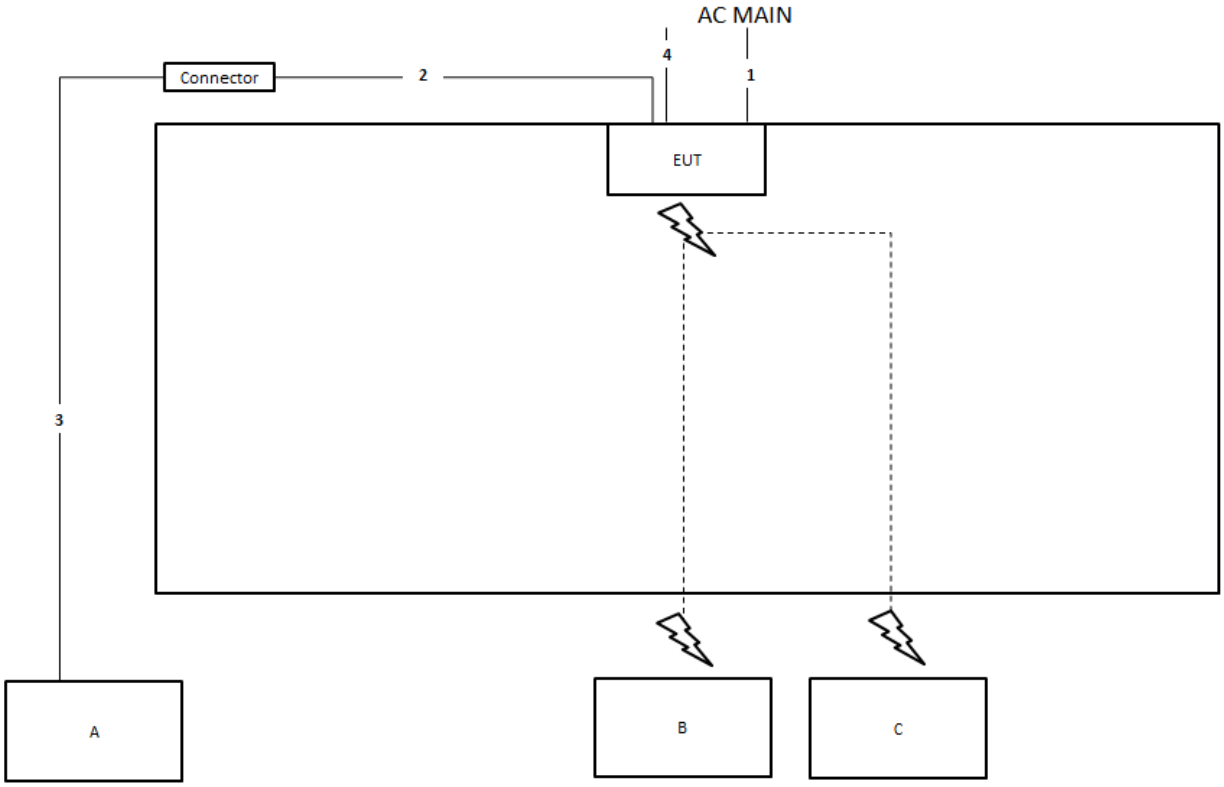
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



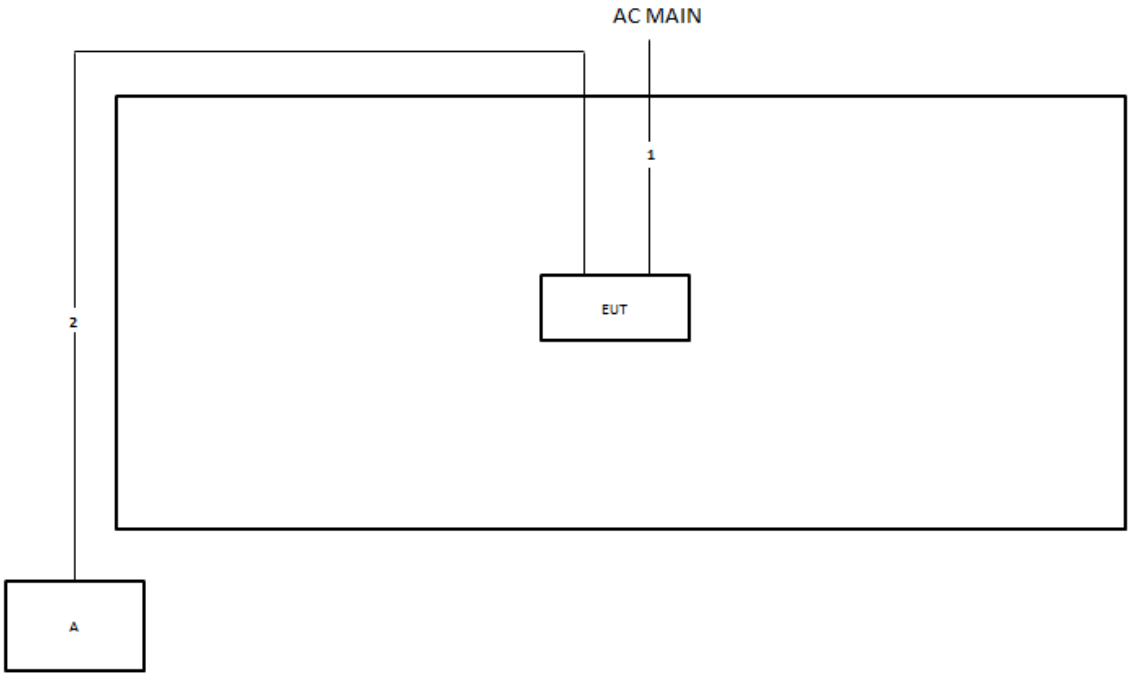
Item	Connection	Shielded	Length
1	RJ-45 cable	No	1.8m
2	RJ-45 cable	No	10m
3	Power cable	No	1.5m
4	GND cable	No	1m

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
4	Ground cable	No	1m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
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

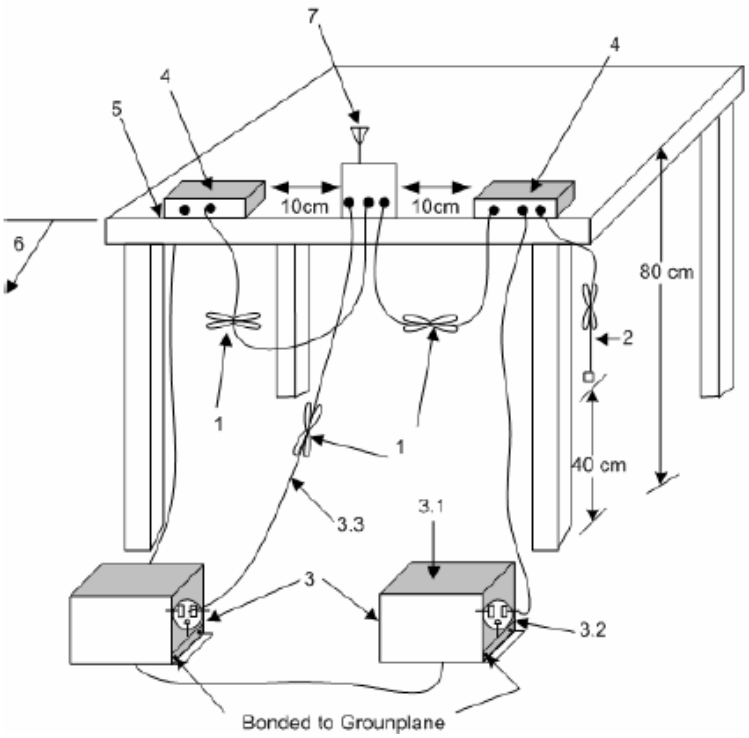
Refer a test equipment and calibration data table in this test report.

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.

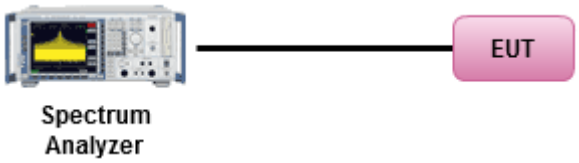
3.2.2 Measuring Instruments

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

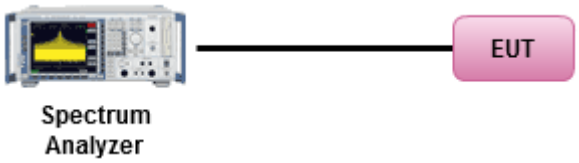
3.4.2 Measuring Instruments

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.	

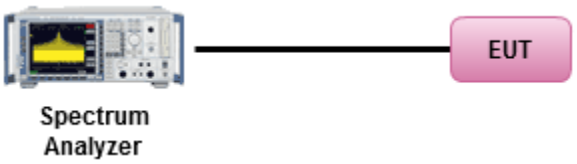
3.5.2 Measuring Instruments

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.

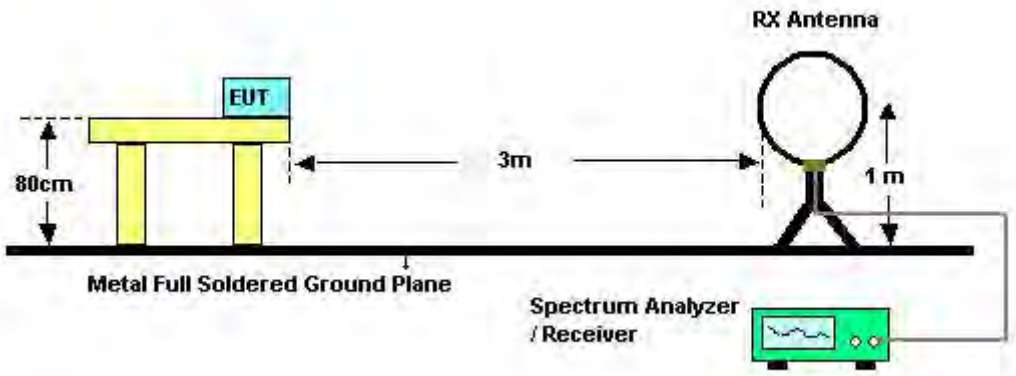
3.6.3 Test Procedures

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.

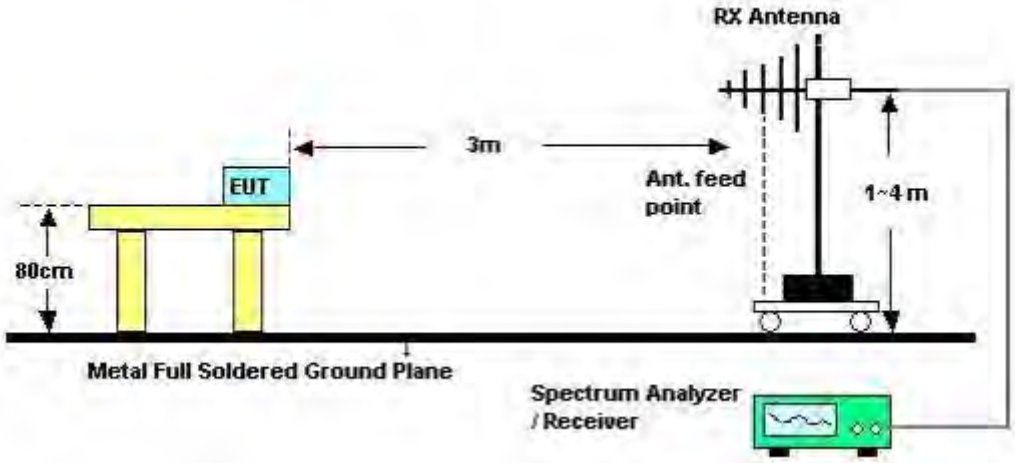
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

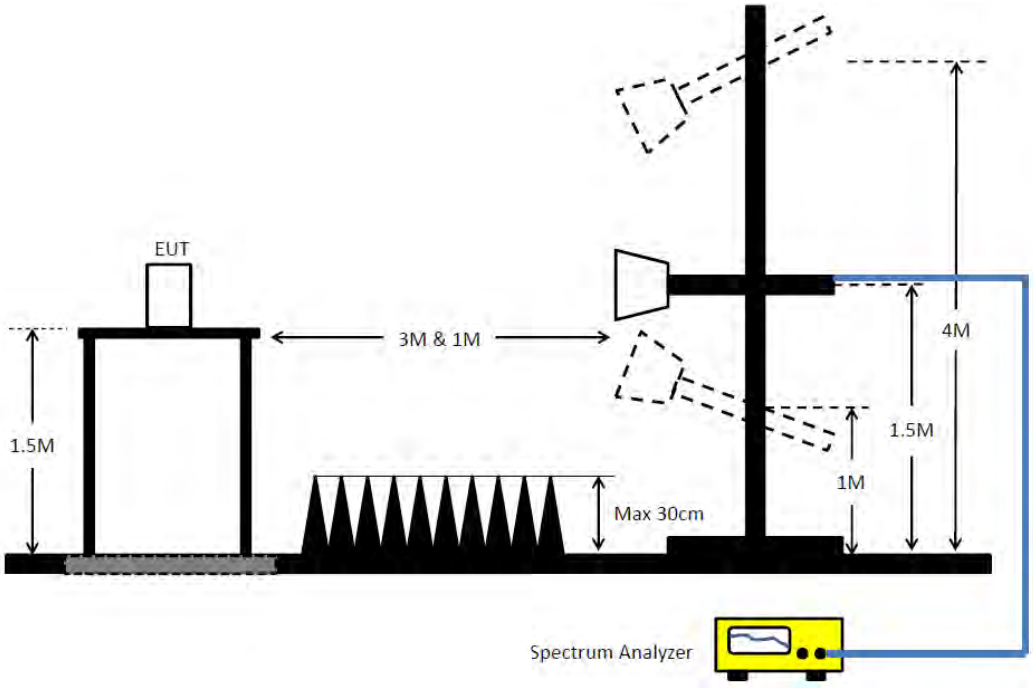
9kHz ~30MHz



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	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 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	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	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)
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)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 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)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08. 2022	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 31, 2021	Jul. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 04, 2021	Nov. 03, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 06, 2021	May 05, 2022	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	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)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

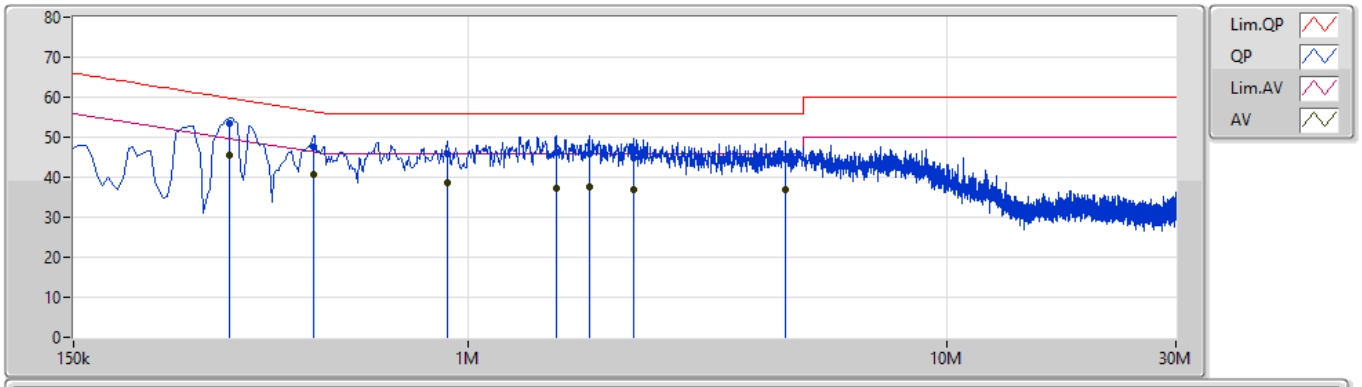
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	316.5k	45.66	49.80	-4.14	Line

Mode 1

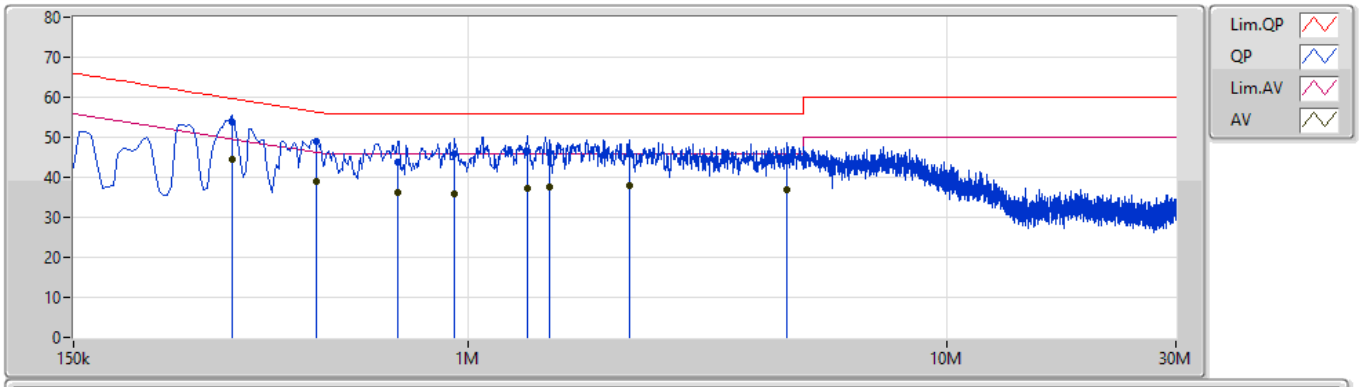
19/04/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	316.5k	53.54	59.80	-6.26	10.03	Line	-	43.51	0.12	0.02	9.89
AV	316.5k	45.66	49.80	-4.14	10.03	Line	"Worst"	35.63	0.12	0.02	9.89
QP	474k	47.68	56.44	-8.76	10.03	Line	-	37.65	0.12	0.02	9.89
AV	474k	40.66	46.44	-5.78	10.03	Line	-	30.63	0.12	0.02	9.89
QP	906k	45.93	56.00	-10.07	10.05	Line	-	35.88	0.14	0.02	9.89
AV	906k	38.66	46.00	-7.34	10.05	Line	-	28.61	0.14	0.02	9.89
QP	1.527M	46.34	56.00	-9.66	10.09	Line	-	36.25	0.16	0.04	9.89
AV	1.527M	37.28	46.00	-8.72	10.09	Line	-	27.19	0.16	0.04	9.89
QP	1.788M	45.93	56.00	-10.07	10.11	Line	-	35.82	0.17	0.05	9.89
AV	1.788M	37.72	46.00	-8.28	10.11	Line	-	27.61	0.17	0.05	9.89
QP	2.216M	44.74	56.00	-11.26	10.12	Line	-	34.62	0.18	0.05	9.89
AV	2.216M	36.81	46.00	-9.19	10.12	Line	-	26.69	0.18	0.05	9.89
QP	4.587M	44.33	56.00	-11.67	10.21	Line	-	34.12	0.25	0.07	9.89
AV	4.587M	37.06	46.00	-8.94	10.21	Line	-	26.85	0.25	0.07	9.89

Mode 1

19/04/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	321k	53.92	59.67	-5.75	10.07	Neutral	-	43.85	0.16	0.02	9.89
AV	321k	44.59	49.67	-5.08	10.07	Neutral	"Worst"	34.52	0.16	0.02	9.89
QP	483k	48.97	56.29	-7.32	10.07	Neutral	-	38.90	0.16	0.02	9.89
AV	483k	38.91	46.29	-7.38	10.07	Neutral	-	28.84	0.16	0.02	9.89
QP	712.5k	43.72	56.00	-12.28	10.08	Neutral	-	33.64	0.17	0.02	9.89
AV	712.5k	36.33	46.00	-9.67	10.08	Neutral	-	26.25	0.17	0.02	9.89
QP	933k	45.81	56.00	-10.19	10.08	Neutral	-	35.73	0.17	0.02	9.89
AV	933k	36.01	46.00	-9.99	10.08	Neutral	-	25.93	0.17	0.02	9.89
QP	1.329M	46.53	56.00	-9.47	10.10	Neutral	-	36.43	0.18	0.03	9.89
AV	1.329M	37.15	46.00	-8.85	10.10	Neutral	-	27.05	0.18	0.03	9.89
QP	1.482M	46.23	56.00	-9.77	10.11	Neutral	-	36.12	0.18	0.04	9.89
AV	1.482M	37.48	46.00	-8.52	10.11	Neutral	-	27.37	0.18	0.04	9.89
QP	2.166M	45.92	56.00	-10.08	10.13	Neutral	-	35.79	0.19	0.05	9.89
AV	2.166M	37.83	46.00	-8.17	10.13	Neutral	-	27.70	0.19	0.05	9.89
QP	4.614M	44.23	56.00	-11.77	10.19	Neutral	-	34.04	0.23	0.07	9.89
AV	4.614M	36.98	46.00	-9.02	10.19	Neutral	-	26.79	0.23	0.07	9.89

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	9.025M	14.243M	14M2G1D	7.1M	13.043M
802.11g_Nss1,(6Mbps)_1TX	15.05M	19.74M	19M7D1D	13.8M	16.292M
802.11ax HEW20_Nss1,(MCS0)_1TX	18M	19.19M	19M2D1D	12.525M	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

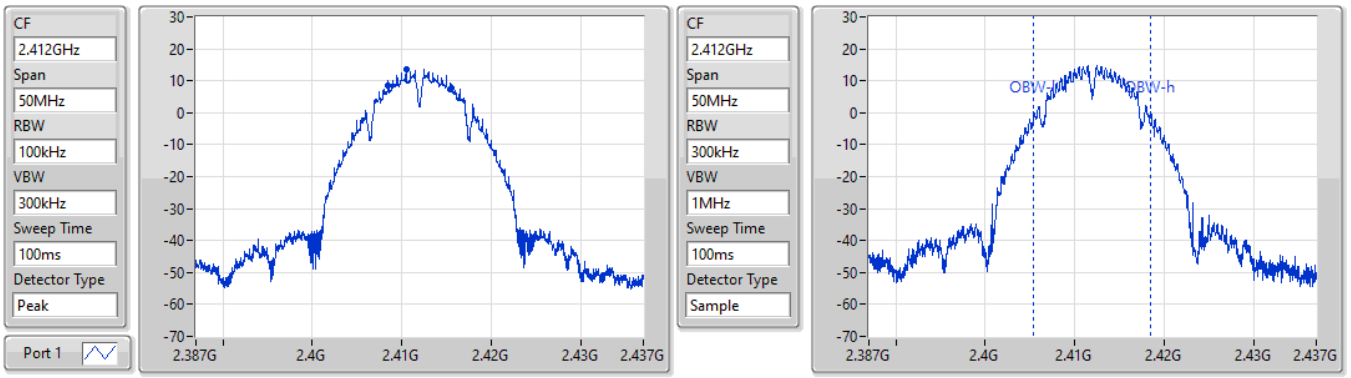
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	7.1M	13.043M
2437MHz	Pass	500k	9.025M	14.243M
2462MHz	Pass	500k	7.575M	13.093M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	13.8M	16.342M
2437MHz	Pass	500k	15.05M	19.74M
2462MHz	Pass	500k	13.8M	16.292M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18M	18.816M
2437MHz	Pass	500k	16.2M	19.19M
2462MHz	Pass	500k	12.525M	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

04/05/2022

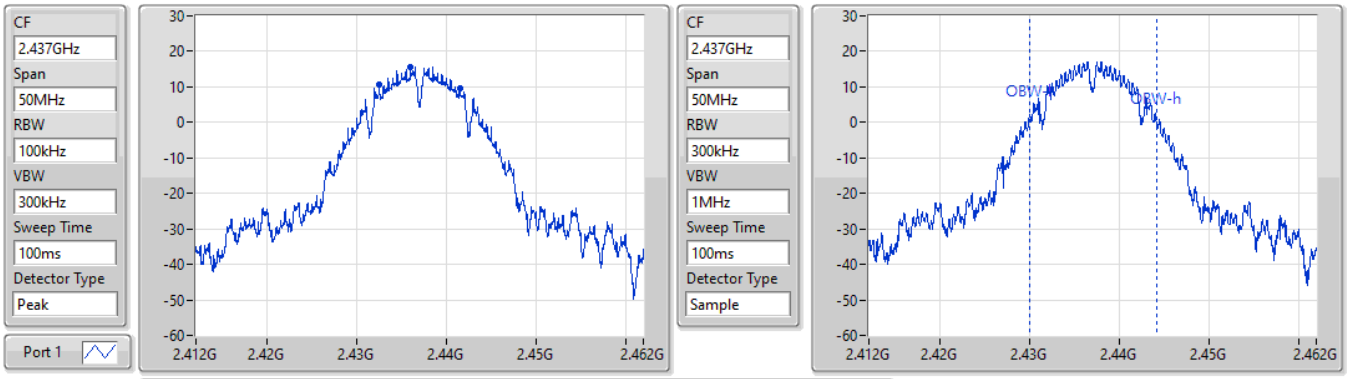


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.1M	2.40845G	2.41555G	13.043M	2.405453G	2.418497G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

2437MHz

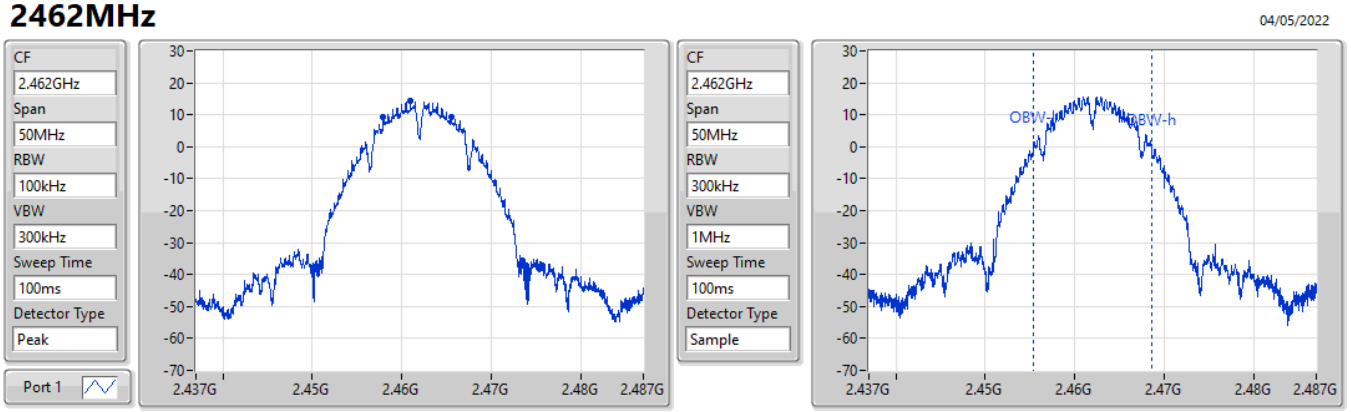
04/05/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.432475G	2.4415G	14.243M	2.429904G	2.444146G	500k	1

802.11b_Nss1,(1Mbps)_1TX EBW

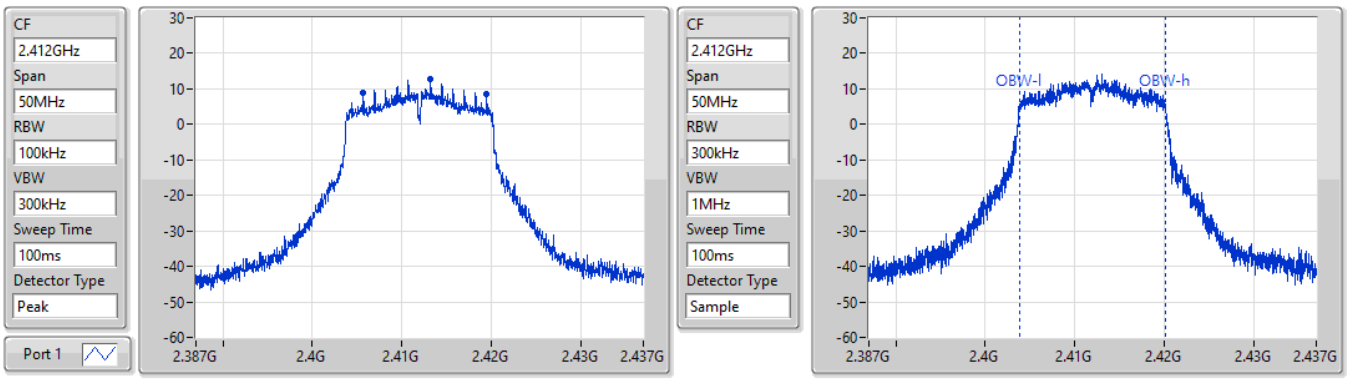
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.575M	2.45795G	2.465525G	13.093M	2.455453G	2.468547G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

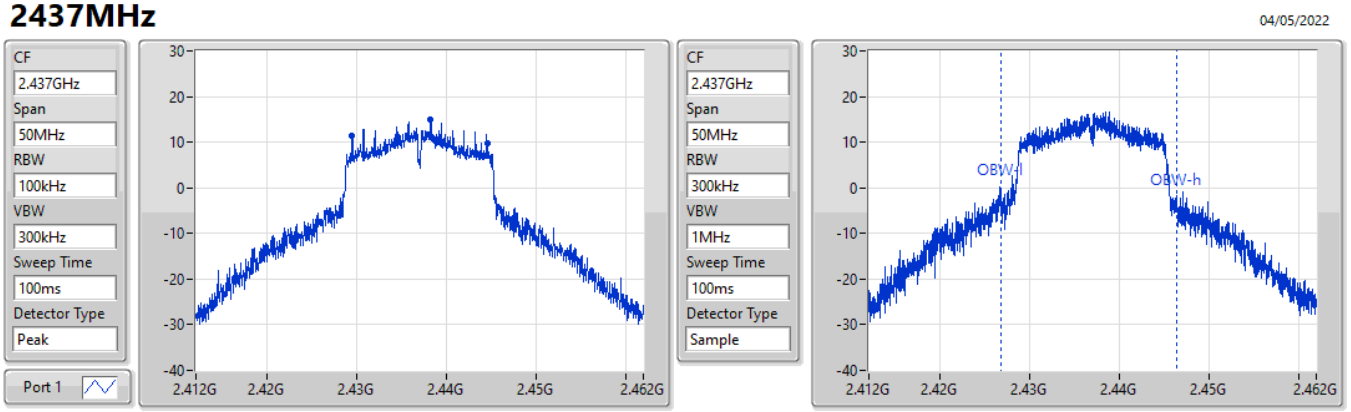
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.8M	2.4057G	2.4195G	16.342M	2.403804G	2.420146G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

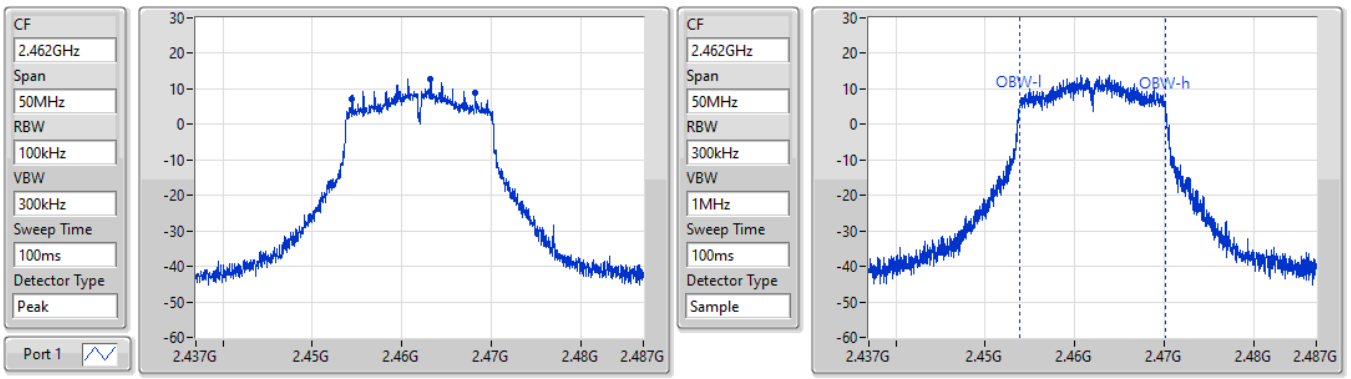
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.429475G	2.444525G	19.74M	2.426705G	2.446445G	500k	1

802.11g_Nss1,(6Mbps)_1TX EBW

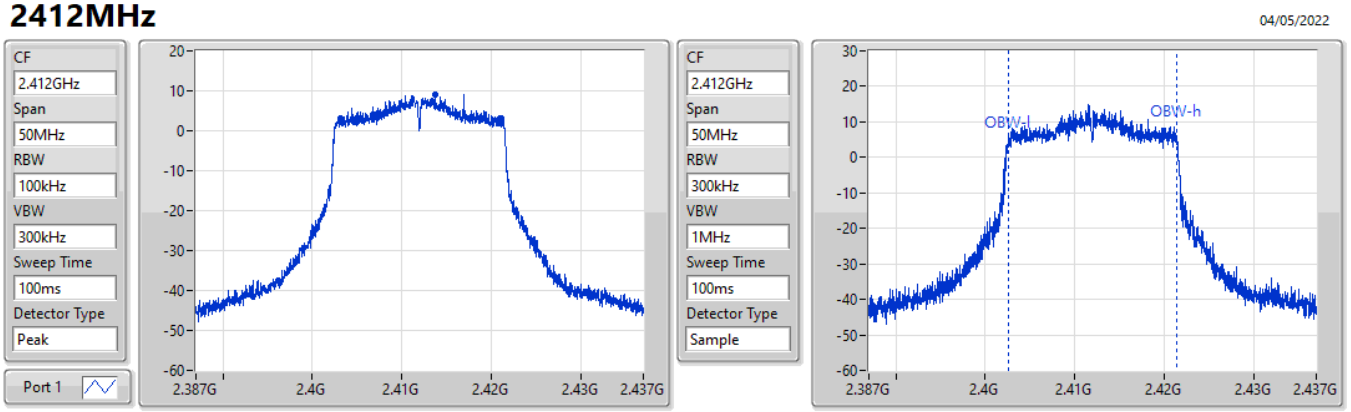
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.8M	2.45445G	2.46825G	16.292M	2.453829G	2.470121G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

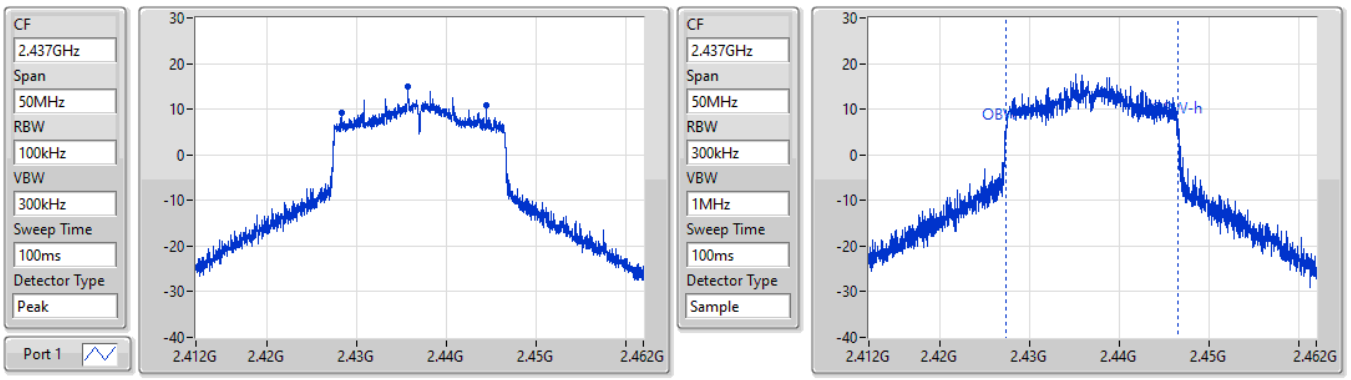
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18M	2.403125G	2.421125G	18.816M	2.402555G	2.42137G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

2437MHz

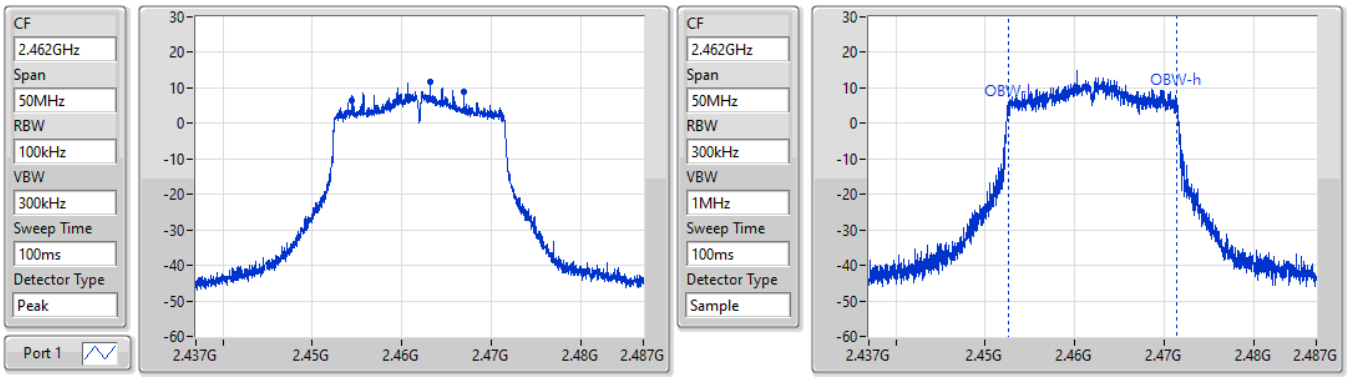


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.2M	2.42825G	2.44445G	19.19M	2.42733G	2.44652G	500k	1

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

2462MHz

04/05/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
12.525M	2.45445G	2.466975G	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	8.075M	14.218M	14M2G1D	7.025M	12.969M
802.11g_Nss1,(6Mbps)_2TX	15.075M	16.692M	16M7D1D	15M	16.267M
802.11ax HEW20_Nss1,(MCS0)_2TX	16.85M	18.991M	19M0D1D	8.725M	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

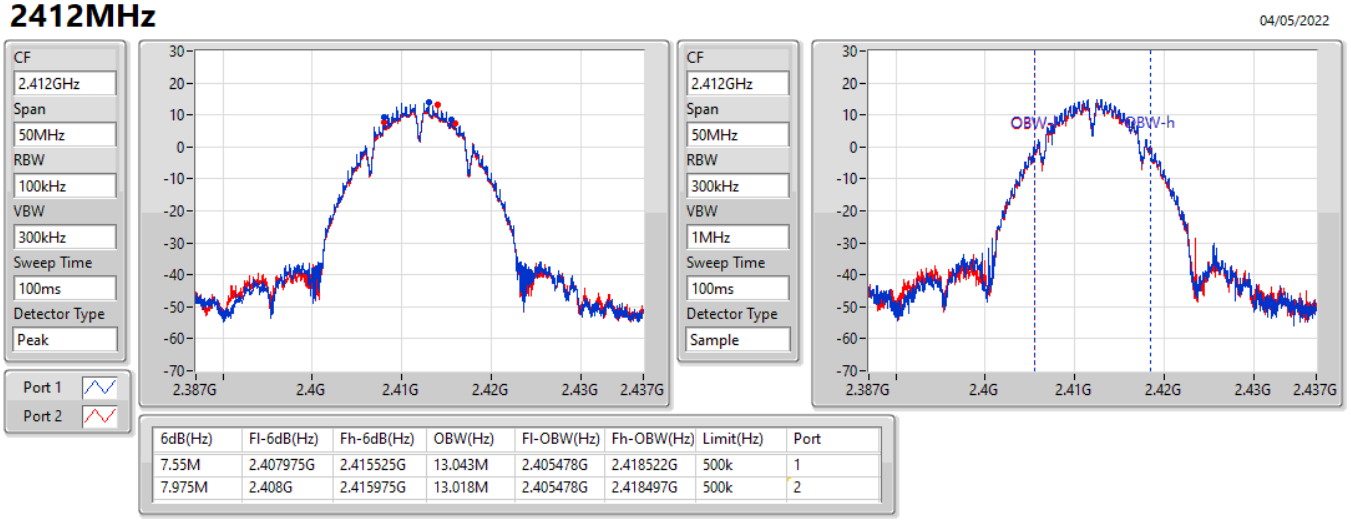
Result

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	7.55M	13.043M	7.975M	13.018M
2437MHz	Pass	500k	8.05M	14.218M	8.075M	14.118M
2462MHz	Pass	500k	7.55M	13.018M	7.025M	12.969M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	16.292M	15.05M	16.342M
2437MHz	Pass	500k	15M	16.692M	15.025M	16.467M
2462MHz	Pass	500k	15M	16.267M	15.025M	16.317M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.725M	18.816M	14.925M	18.791M
2437MHz	Pass	500k	13.75M	18.991M	14.875M	18.891M
2462MHz	Pass	500k	16.85M	18.866M	13.85M	18.791M

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

802.11b_Nss1,(1Mbps)_2TX EBW

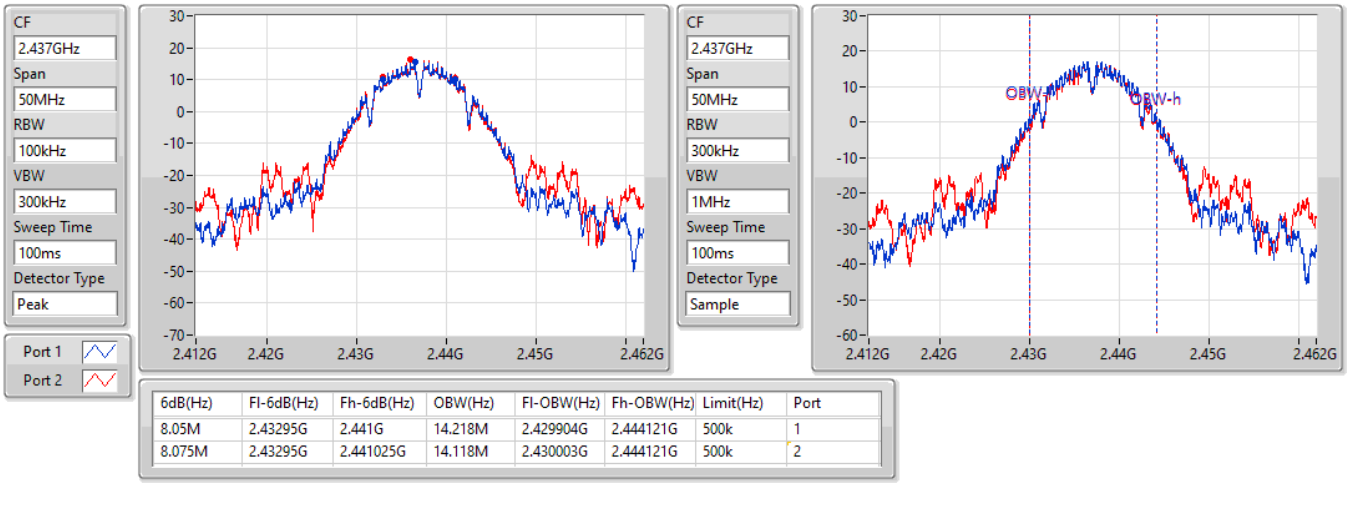
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.407975G	2.415525G	13.043M	2.405478G	2.418522G	500k	1
7.975M	2.408G	2.415975G	13.018M	2.405478G	2.418497G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2437MHz

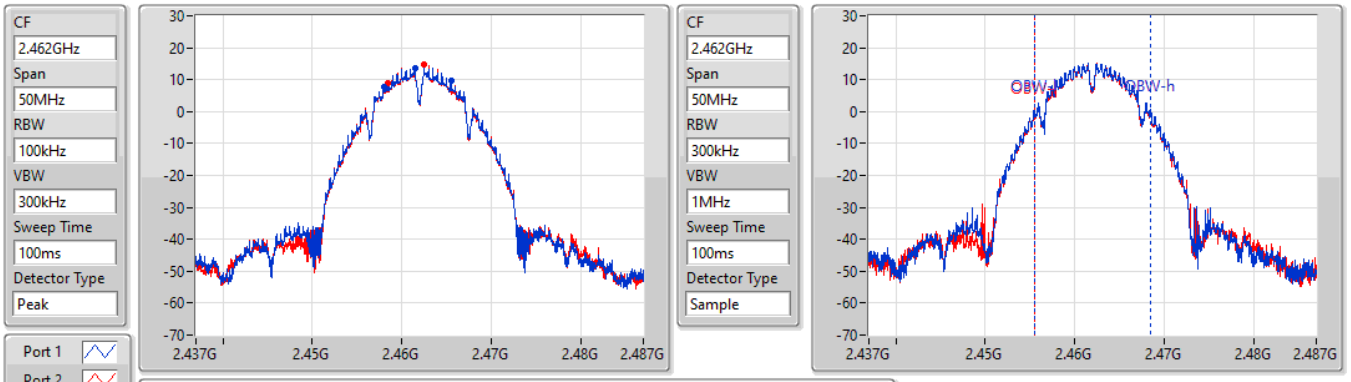


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.43295G	2.441G	14.218M	2.429904G	2.444121G	500k	1
8.075M	2.43295G	2.441025G	14.118M	2.430003G	2.444121G	500k	2

802.11b_Nss1,(1Mbps)_2TX EBW

2462MHz

04/05/2022

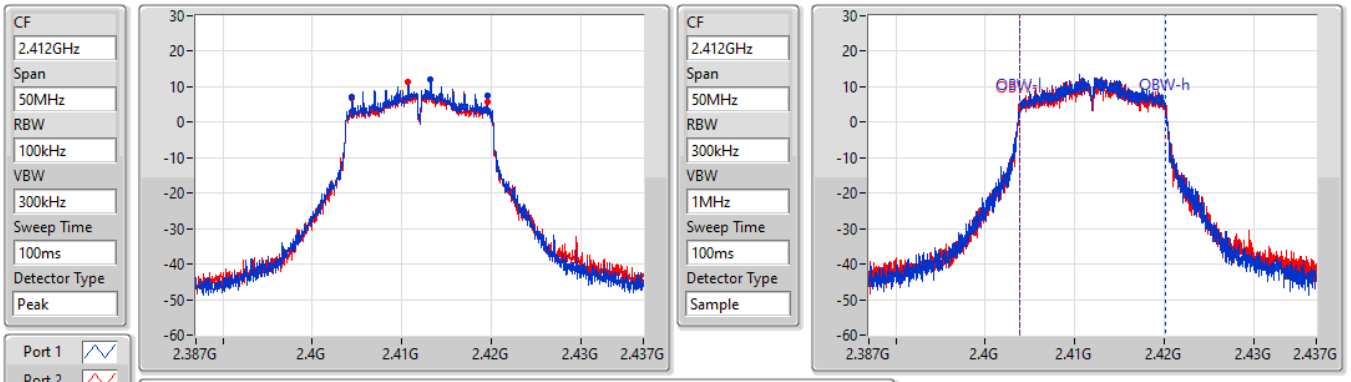


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.55M	2.457975G	2.465525G	13.018M	2.455503G	2.468522G	500k	1
7.025M	2.458475G	2.4655G	12.969M	2.455528G	2.468497G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2412MHz

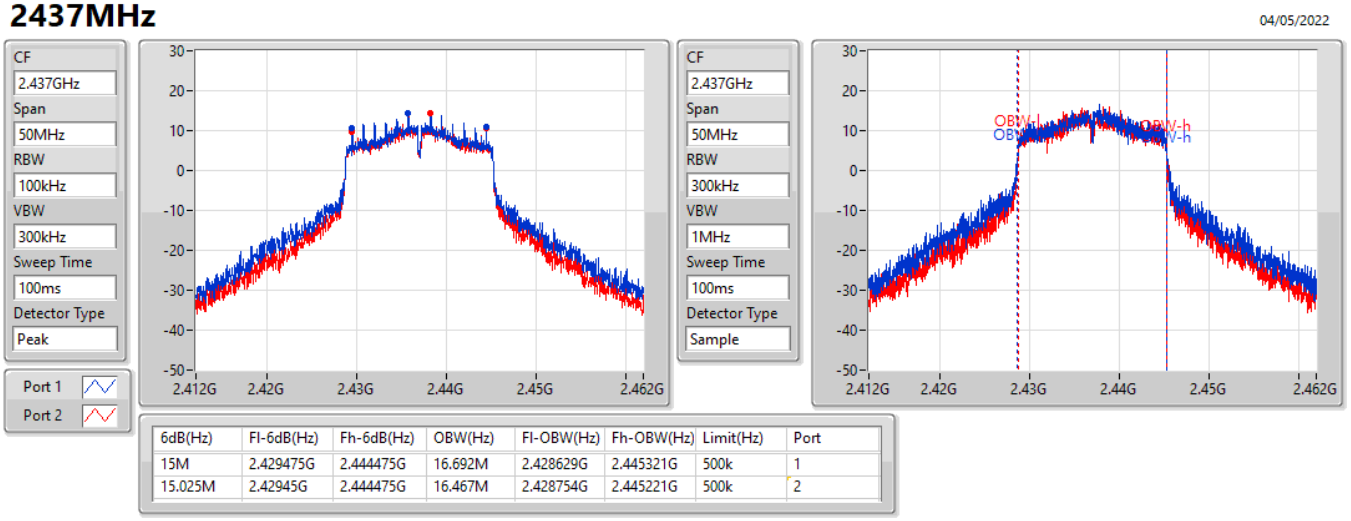
04/05/2022



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	16.292M	2.403829G	2.420121G	500k	1
15.05M	2.404475G	2.419525G	16.342M	2.403804G	2.420146G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

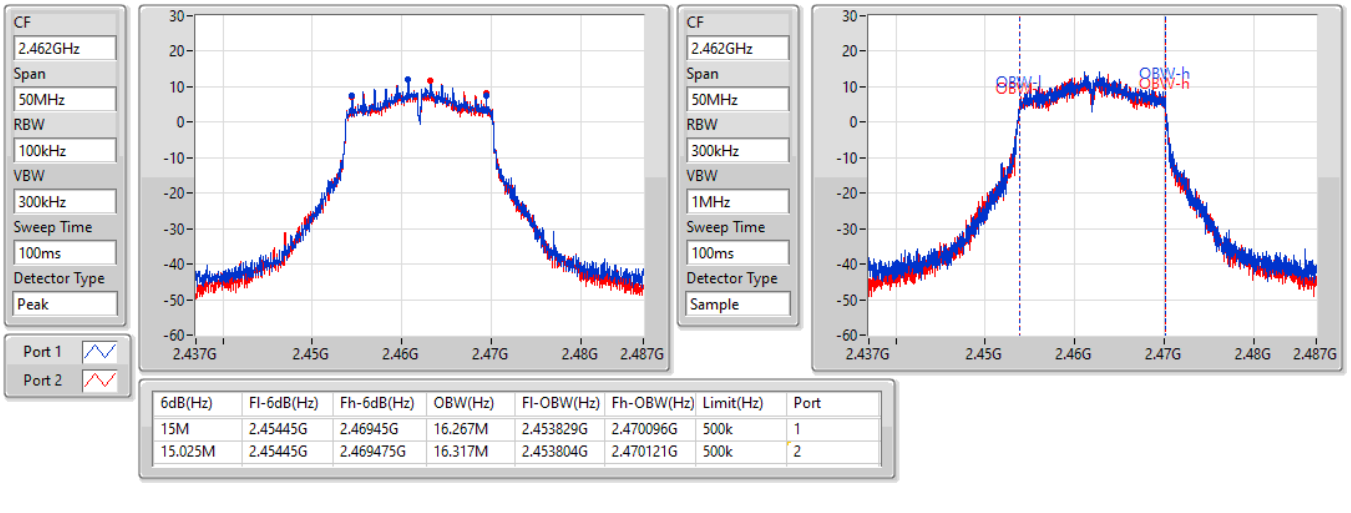
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.429475G	2.444475G	16.692M	2.428629G	2.445321G	500k	1
15.025M	2.42945G	2.444475G	16.467M	2.428754G	2.445221G	500k	2

802.11g_Nss1,(6Mbps)_2TX EBW

2462MHz

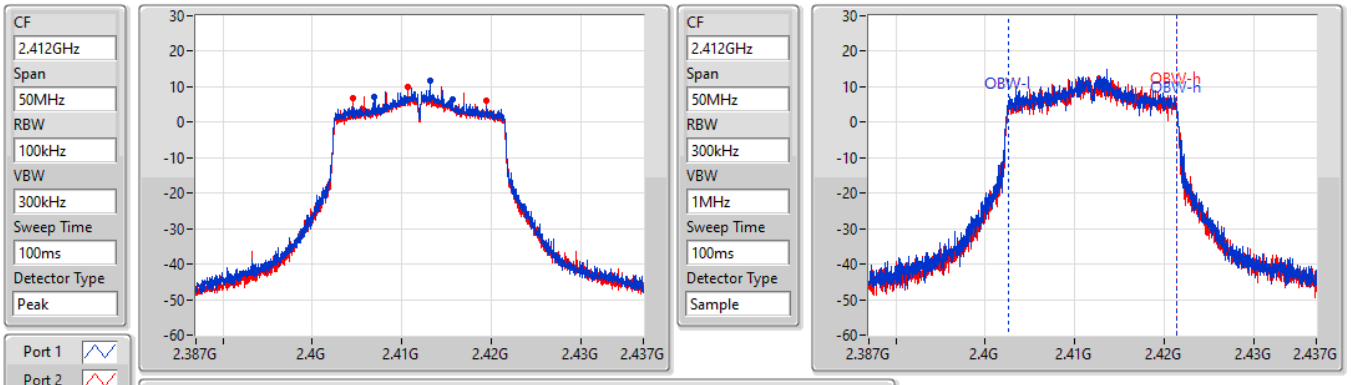


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.45445G	2.46945G	16.267M	2.453829G	2.470096G	500k	1
15.025M	2.45445G	2.469475G	16.317M	2.453804G	2.470121G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2412MHz

04/05/2022

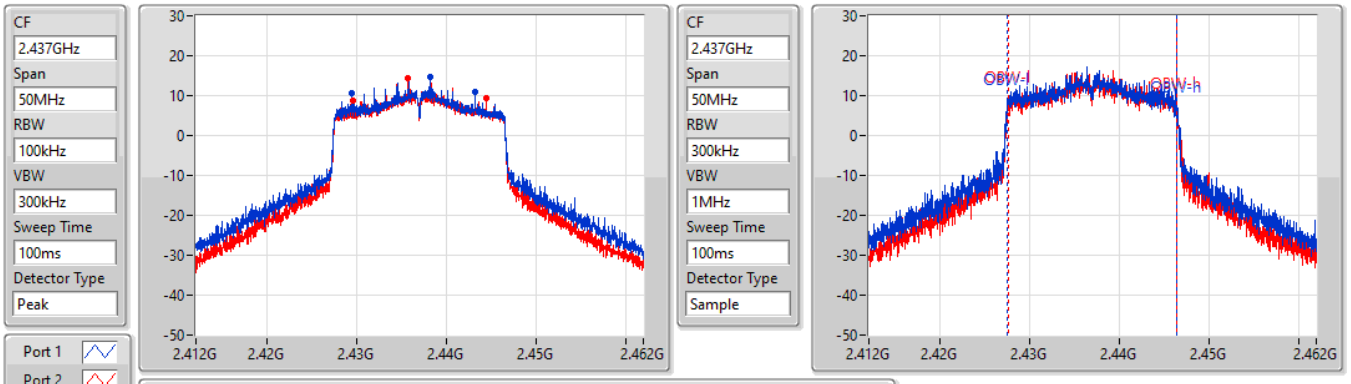


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.725M	2.406925G	2.41565G	18.816M	2.402555G	2.42137G	500k	1
14.925M	2.4045G	2.419425G	18.791M	2.402555G	2.421345G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

2437MHz

04/05/2022

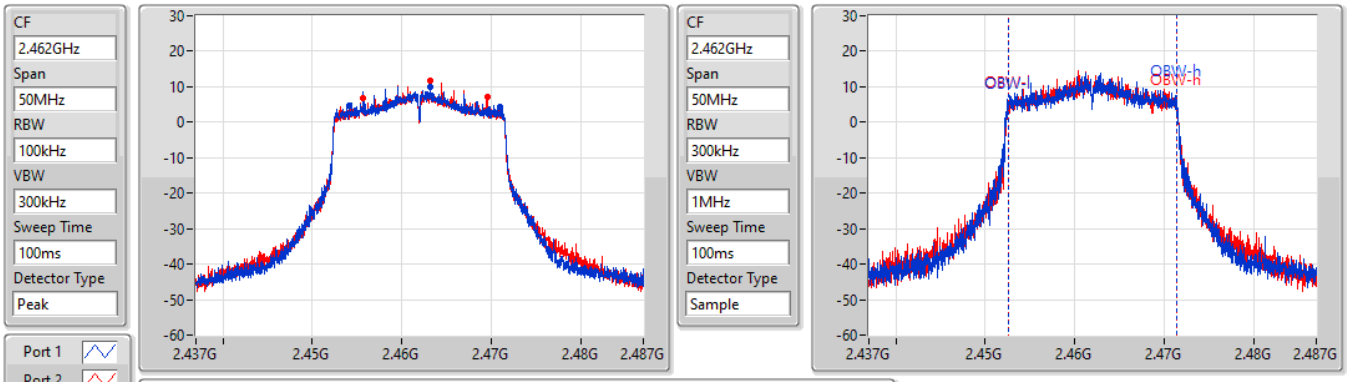


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.75M	2.429475G	2.443225G	18.991M	2.427455G	2.446445G	500k	1
14.875M	2.42955G	2.444425G	18.891M	2.42753G	2.44642G	500k	2

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

2462MHz

04/05/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.85M	2.454125G	2.470975G	18.866M	2.45253G	2.471395G	500k	1
13.85M	2.455675G	2.469525G	18.791M	2.45258G	2.47137G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	24.45	0.27861
802.11g_Nss1,(6Mbps)_1TX	24.26	0.26669
802.11ax HEW20_Nss1,(MCS0)_1TX	23.76	0.23768

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.27	22.05	22.05	30.00
2437MHz	Pass	3.27	24.45	24.45	30.00
2462MHz	Pass	3.27	22.80	22.80	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.27	21.13	21.13	30.00
2417MHz	Pass	3.27	21.90	21.90	30.00
2437MHz	Pass	3.27	24.26	24.26	30.00
2457MHz	Pass	3.27	21.92	21.92	30.00
2462MHz	Pass	3.27	21.19	21.19	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.27	20.17	20.17	30.00
2417MHz	Pass	3.27	20.76	20.76	30.00
2437MHz	Pass	3.27	23.76	23.76	30.00
2457MHz	Pass	3.27	20.96	20.96	30.00
2462MHz	Pass	3.27	20.15	20.15	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	27.37	0.54576
802.11g_Nss1,(6Mbps)_2TX	26.06	0.40365
802.11ax HEW20_Nss1,(MCS0)_2TX	26.02	0.39994

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.27	22.05	21.57	24.83	30.00
2437MHz	Pass	3.27	24.44	24.28	27.37	30.00
2462MHz	Pass	3.27	22.15	22.01	25.09	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.27	20.56	19.93	23.27	30.00
2417MHz	Pass	3.27	21.71	20.94	24.35	30.00
2437MHz	Pass	3.27	23.12	22.97	26.06	30.00
2457MHz	Pass	3.27	21.63	21.11	24.39	30.00
2462MHz	Pass	3.27	20.74	20.34	23.55	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.27	19.84	19.26	22.57	30.00
2417MHz	Pass	3.27	21.51	20.74	24.15	30.00
2437MHz	Pass	3.27	23.18	22.83	26.02	30.00
2457MHz	Pass	3.27	20.08	19.98	23.04	30.00
2462MHz	Pass	3.27	20.18	19.55	22.89	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	26.02	0.39994

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	4.28	19.84	19.26	22.57	30.00
2417MHz	Pass	4.28	21.51	20.74	24.15	30.00
2437MHz	Pass	4.28	23.18	22.83	26.02	30.00
2457MHz	Pass	4.28	20.08	19.98	23.04	30.00
2462MHz	Pass	4.28	20.18	19.55	22.89	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	1.71
802.11g_Nss1,(6Mbps)_1TX	-0.07
802.11ax HEW20_Nss1,(MCS0)_1TX	-1.02

RBW = 3kHz;

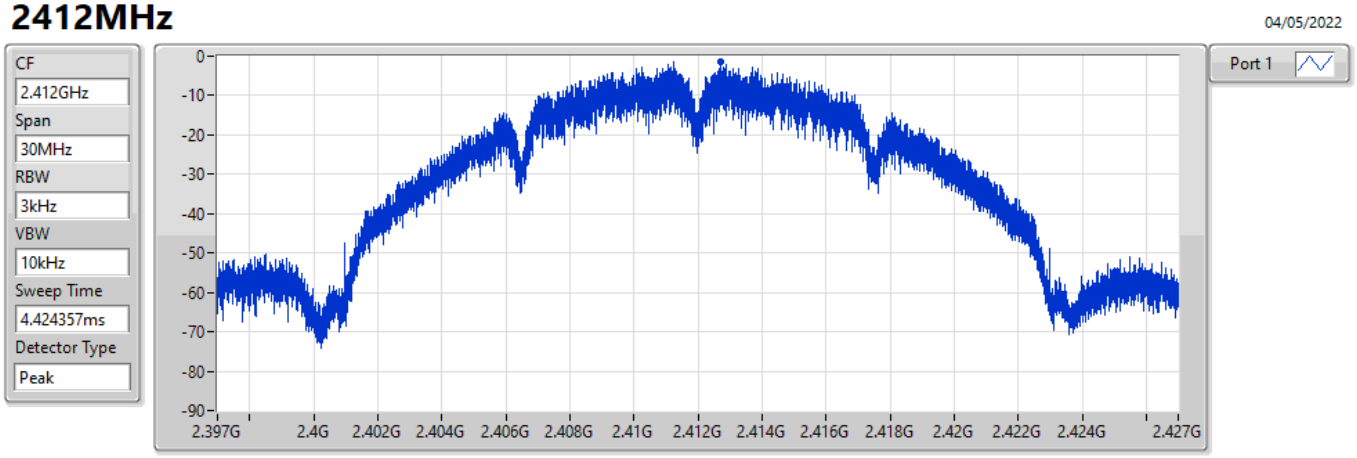
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.27	-1.53	-1.53	8.00
2437MHz	Pass	3.27	1.71	1.71	8.00
2462MHz	Pass	3.27	-1.42	-1.42	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.27	-4.89	-4.89	8.00
2437MHz	Pass	3.27	-0.07	-0.07	8.00
2462MHz	Pass	3.27	-4.51	-4.51	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.27	-4.02	-4.02	8.00
2437MHz	Pass	3.27	-1.02	-1.02	8.00
2462MHz	Pass	3.27	-2.43	-2.43	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

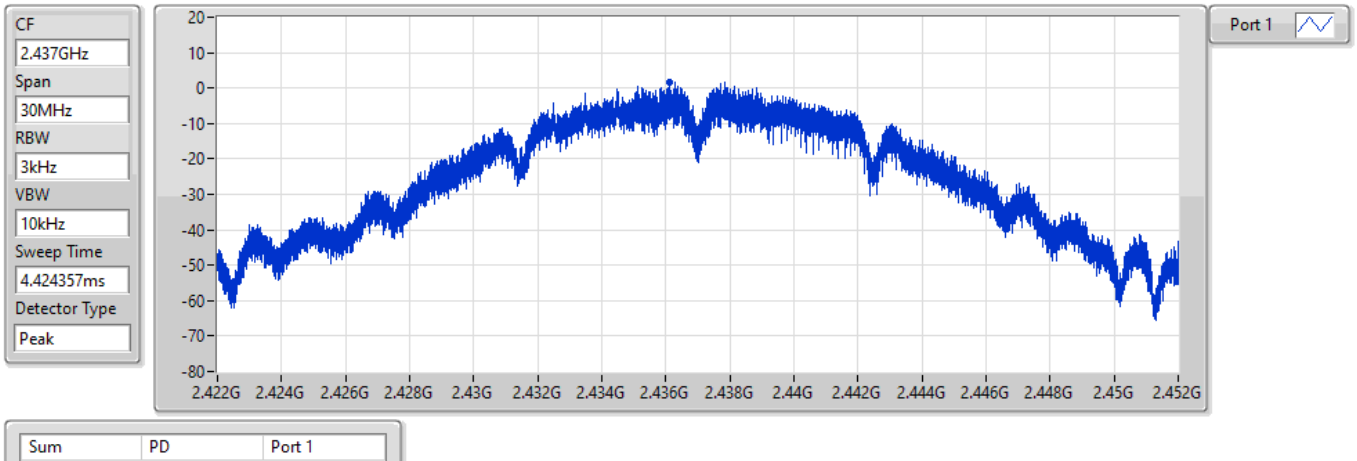
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.53	-1.53	-1.53

802.11b_Nss1,(1Mbps)_1TX PSD

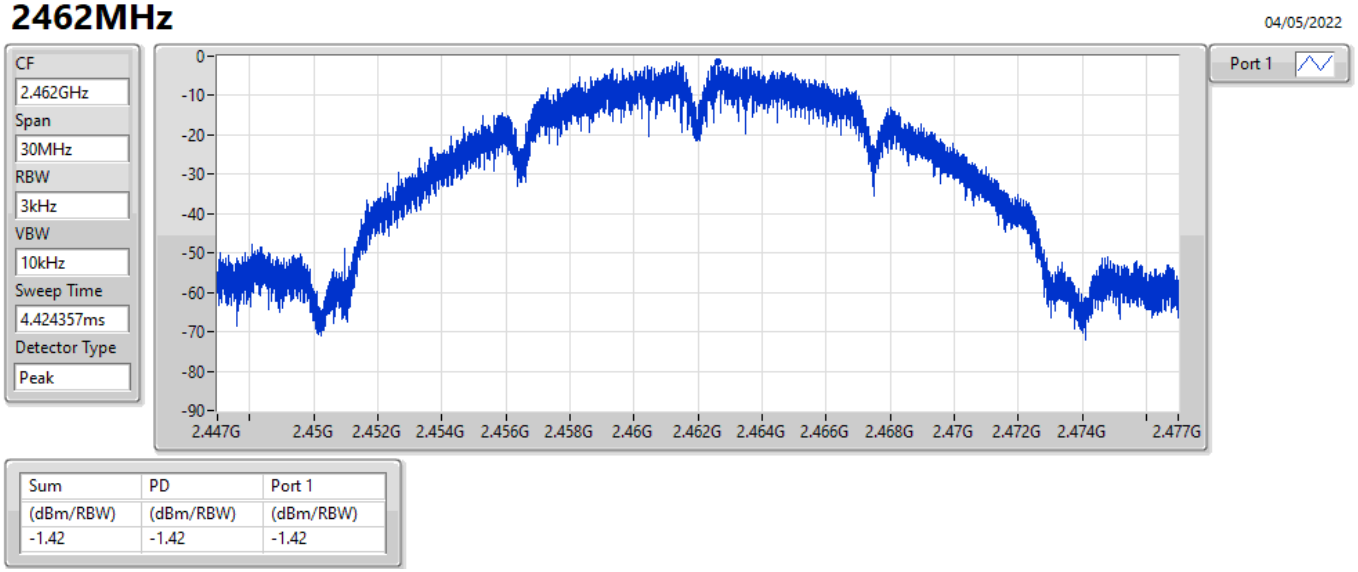
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.71	1.71	1.71

802.11b_Nss1,(1Mbps)_1TX PSD

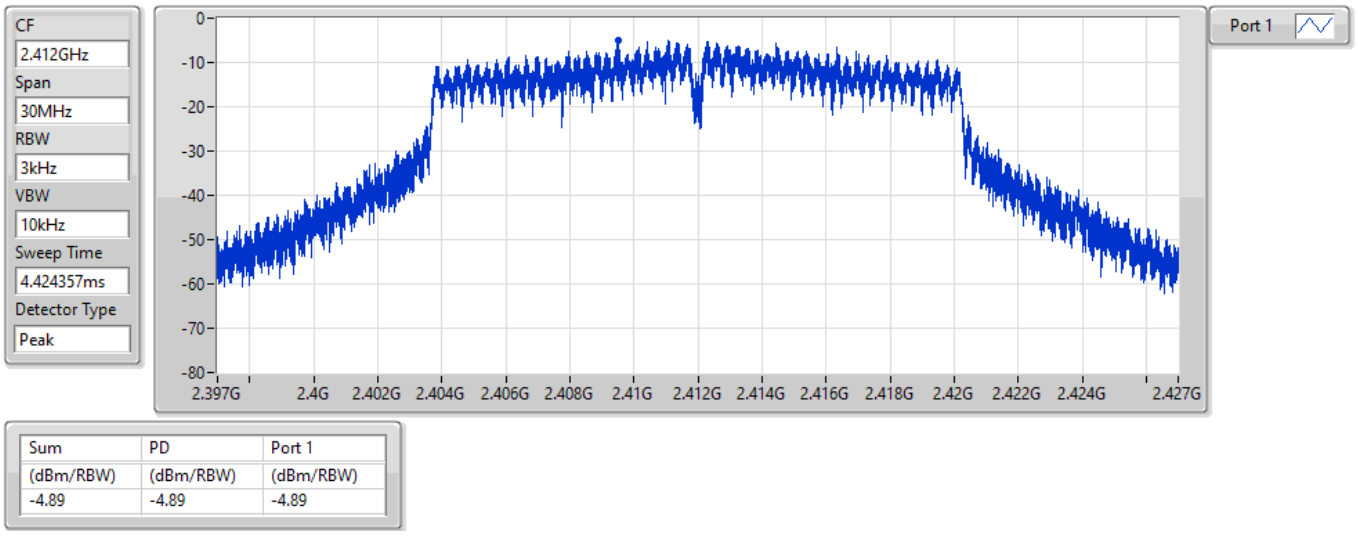
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.42	-1.42	-1.42

802.11g_Nss1,(6Mbps)_1TX PSD

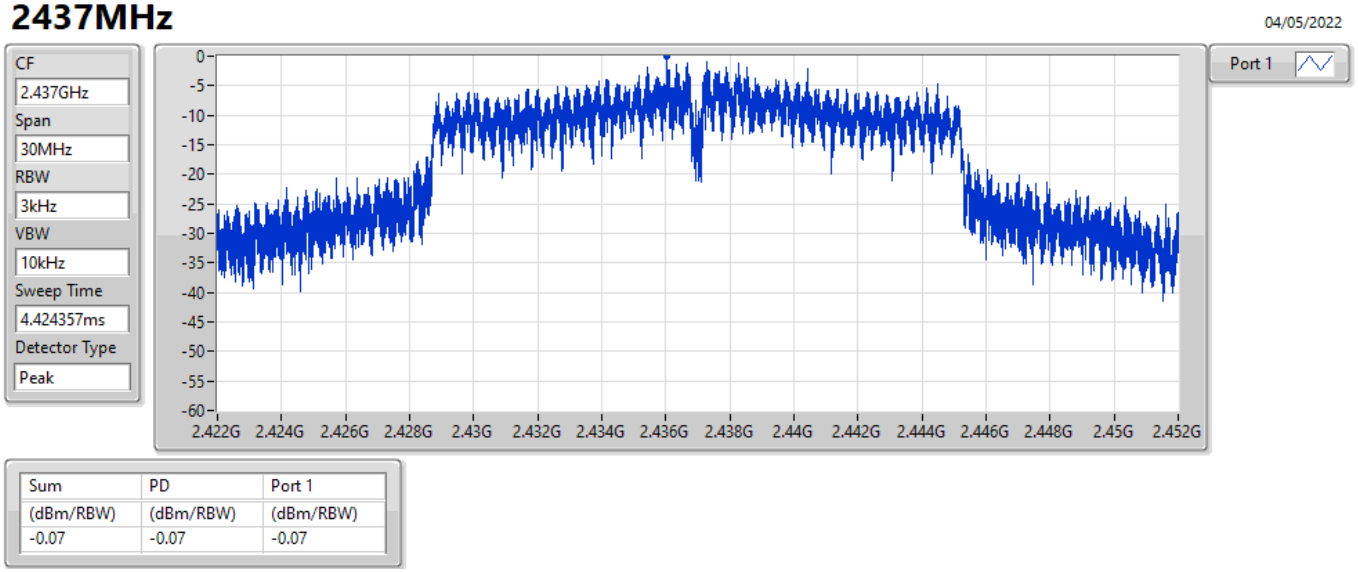
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.89	-4.89	-4.89

802.11g_Nss1,(6Mbps)_1TX PSD

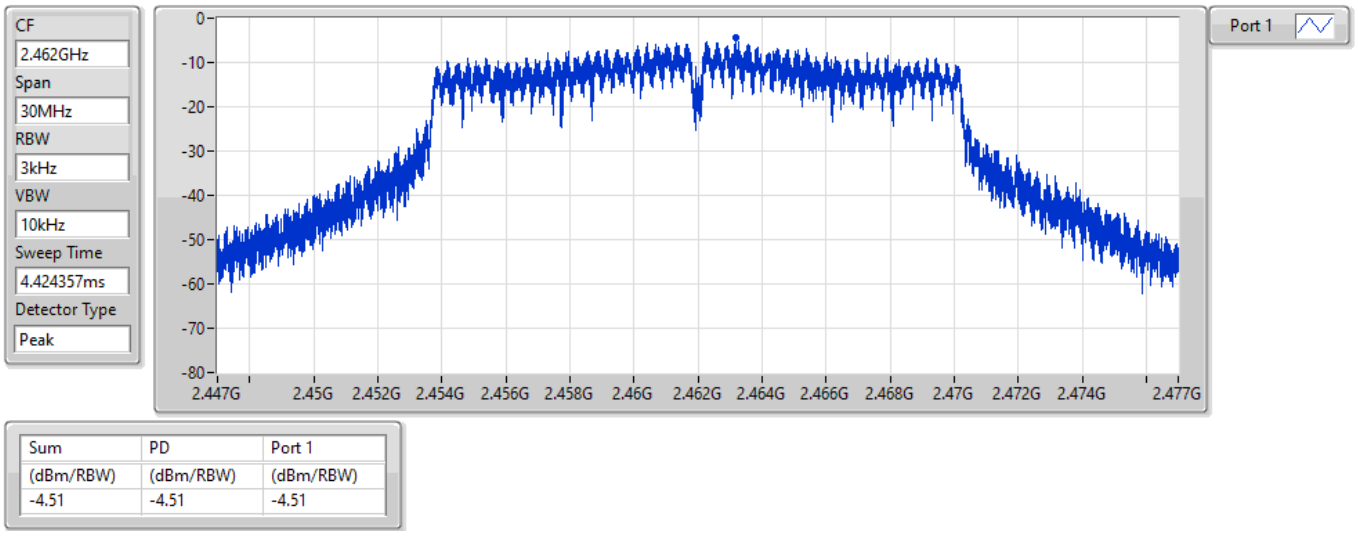
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.07	-0.07	-0.07

802.11g_Nss1,(6Mbps)_1TX PSD

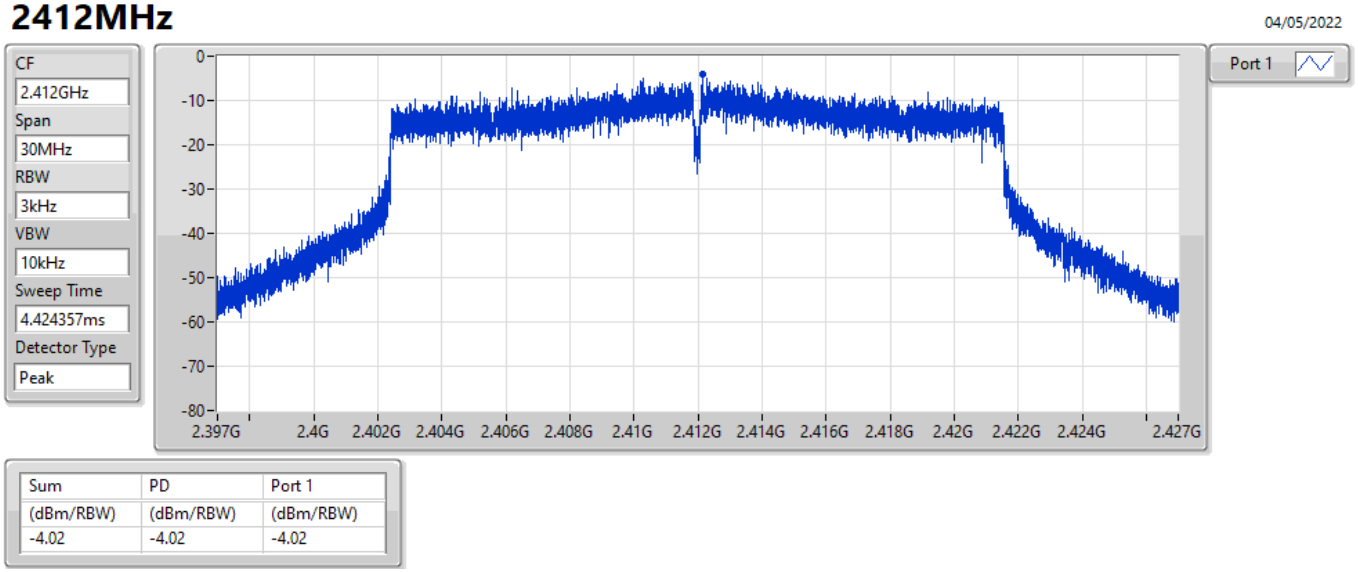
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.51	-4.51	-4.51

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

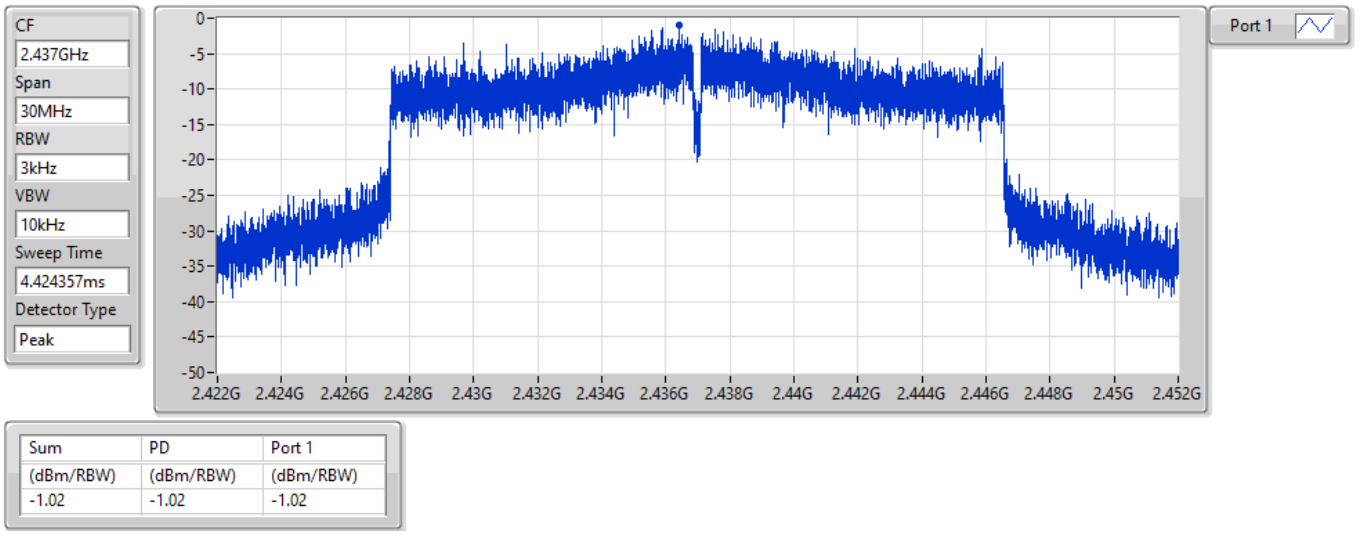
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.02	-4.02	-4.02

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2437MHz

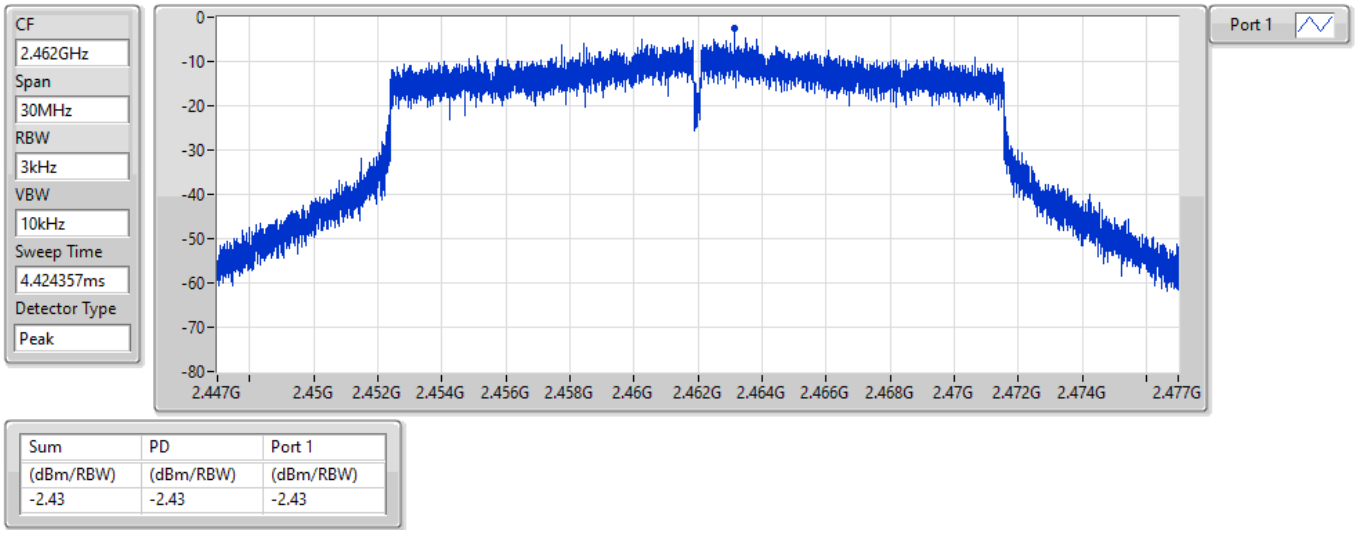


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-1.02

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2462MHz

04/05/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.43	-2.43	-2.43

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	3.15
802.11g_Nss1,(6Mbps)_2TX	-0.19
802.11ax HEW20_Nss1,(MCS0)_2TX	-0.27

RBW = 3kHz;

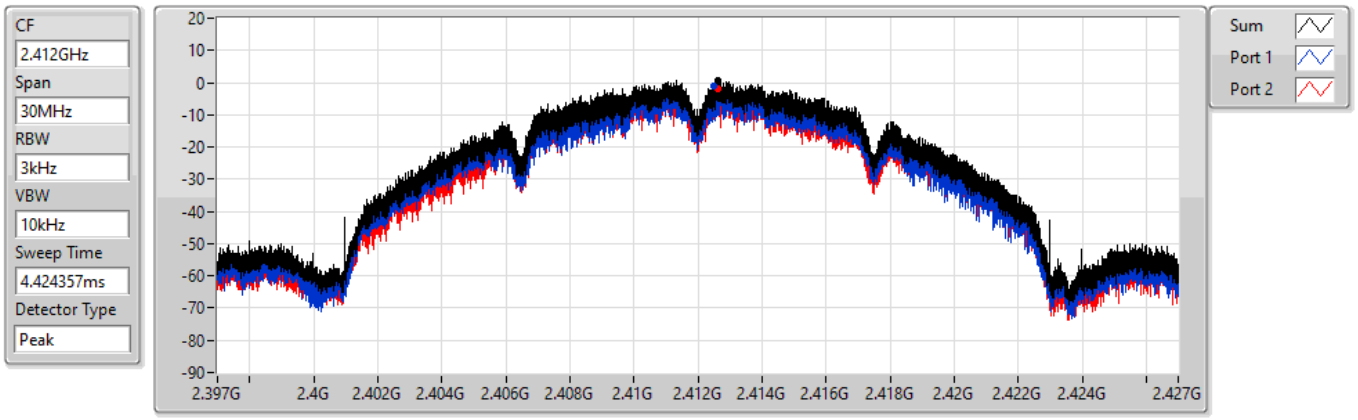
Result

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	4.28	-0.95	-2.08	0.69	8.00
2437MHz	Pass	4.28	0.76	0.85	3.15	8.00
2462MHz	Pass	4.28	-0.44	-1.12	1.40	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.28	-5.32	-6.51	-3.37	8.00
2437MHz	Pass	4.28	-2.00	-2.37	-0.19	8.00
2462MHz	Pass	4.28	-5.37	-5.89	-2.97	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.28	-5.06	-5.53	-2.98	8.00
2437MHz	Pass	4.28	-2.26	-2.75	-0.27	8.00
2462MHz	Pass	4.28	-4.27	-4.43	-2.36	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

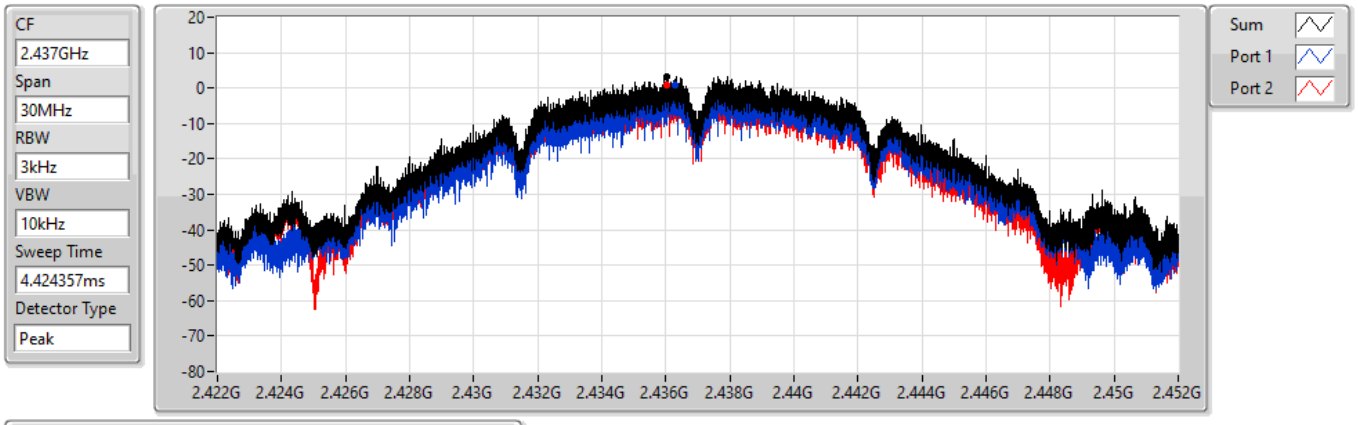
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.69	0.69	-0.95	-2.08

802.11b_Nss1,(1Mbps)_2TX PSD

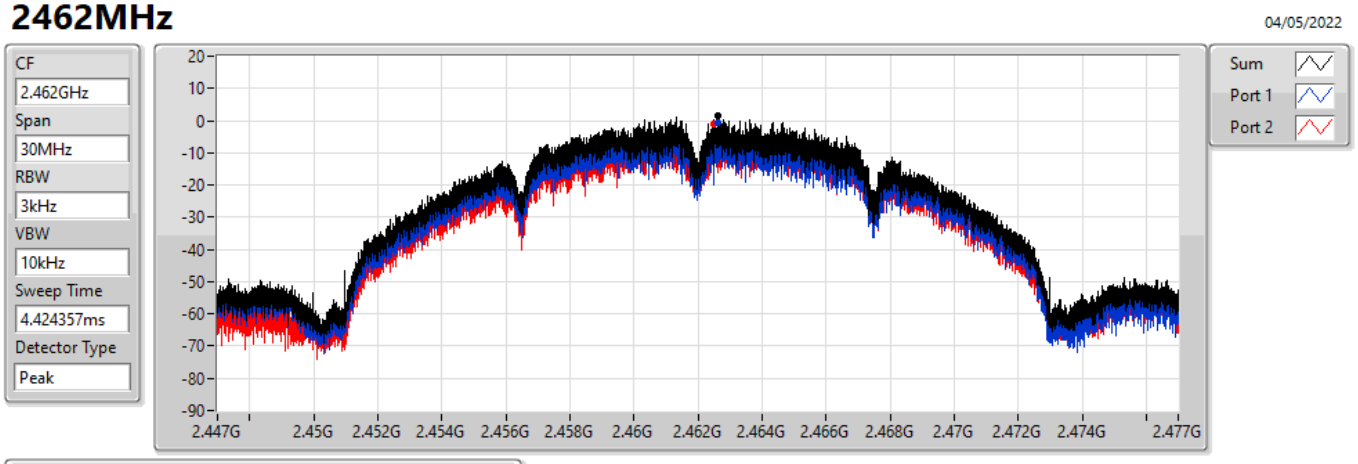
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	0.76	0.85

802.11b_Nss1,(1Mbps)_2TX PSD

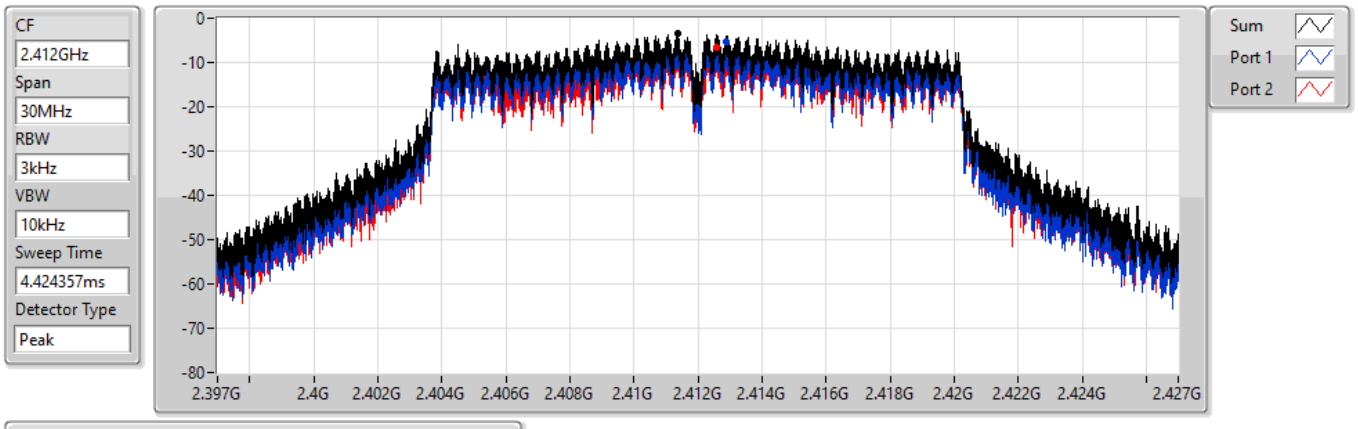
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.40	1.40	-0.44	-1.12

802.11g_Nss1,(6Mbps)_2TX PSD

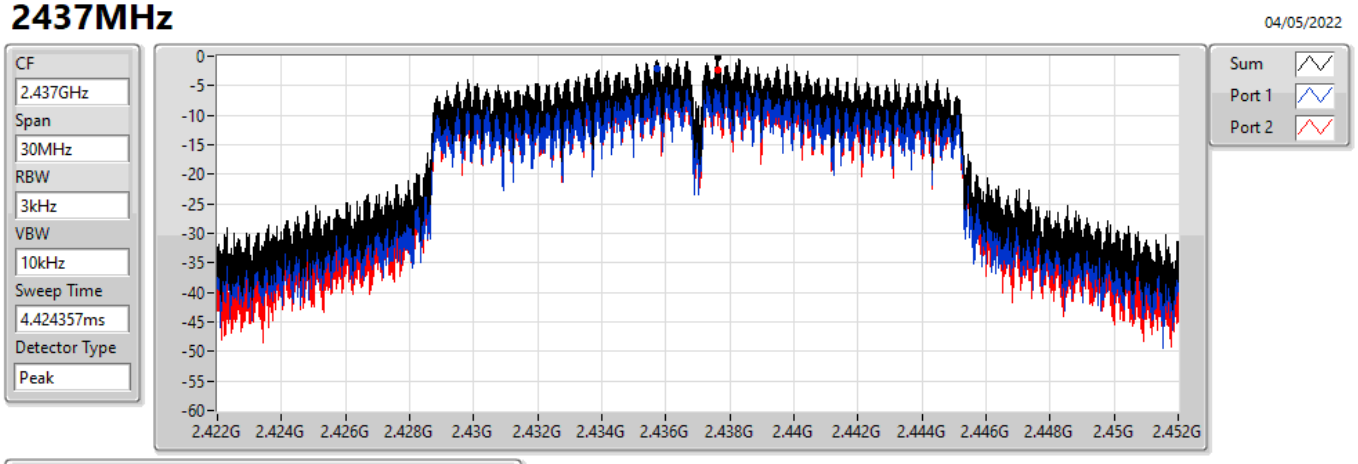
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.37	-3.37	-5.32	-6.51

802.11g_Nss1,(6Mbps)_2TX PSD

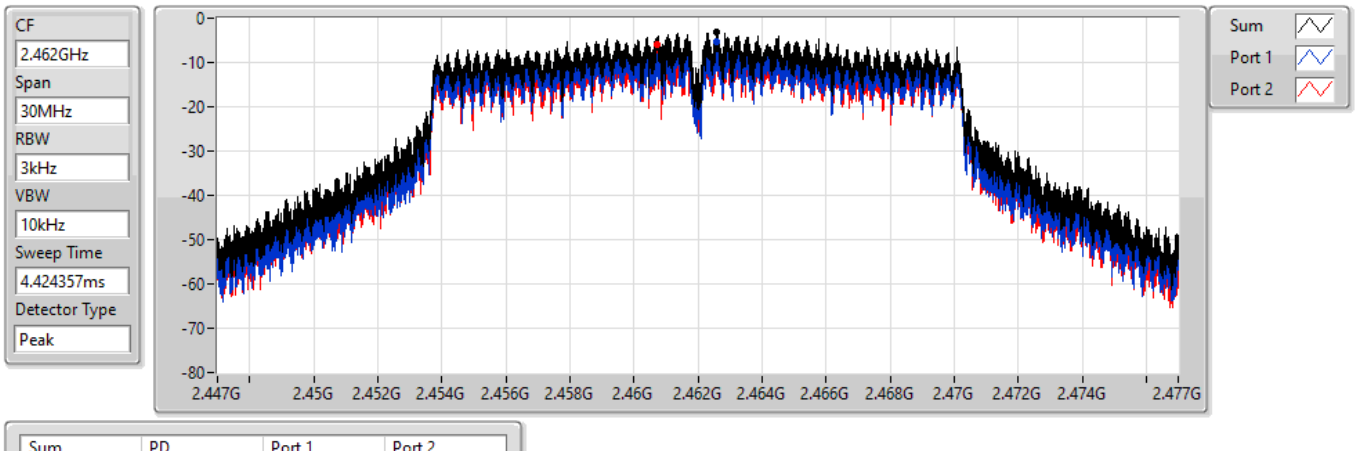
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19	-2.00	-2.37

802.11g_Nss1,(6Mbps)_2TX PSD

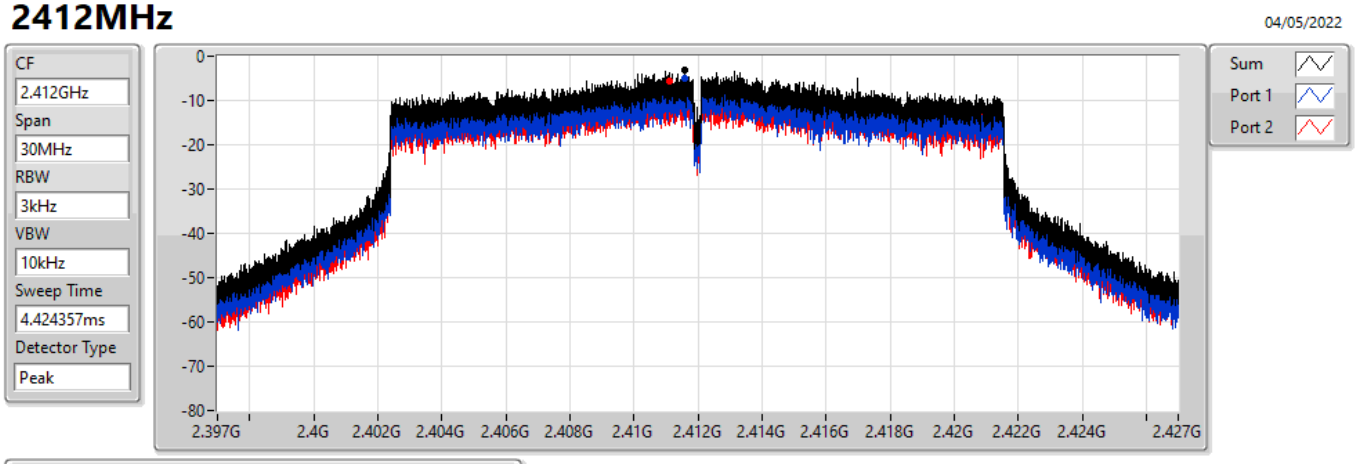
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.97	-2.97	-5.37	-5.89

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

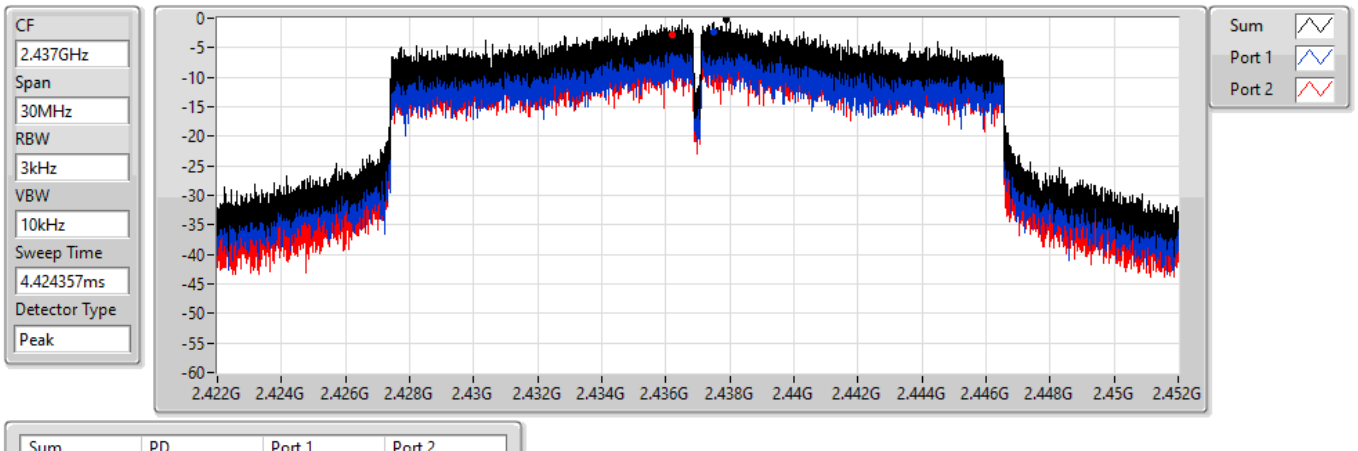
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.98	-2.98	-5.06	-5.53

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

2437MHz

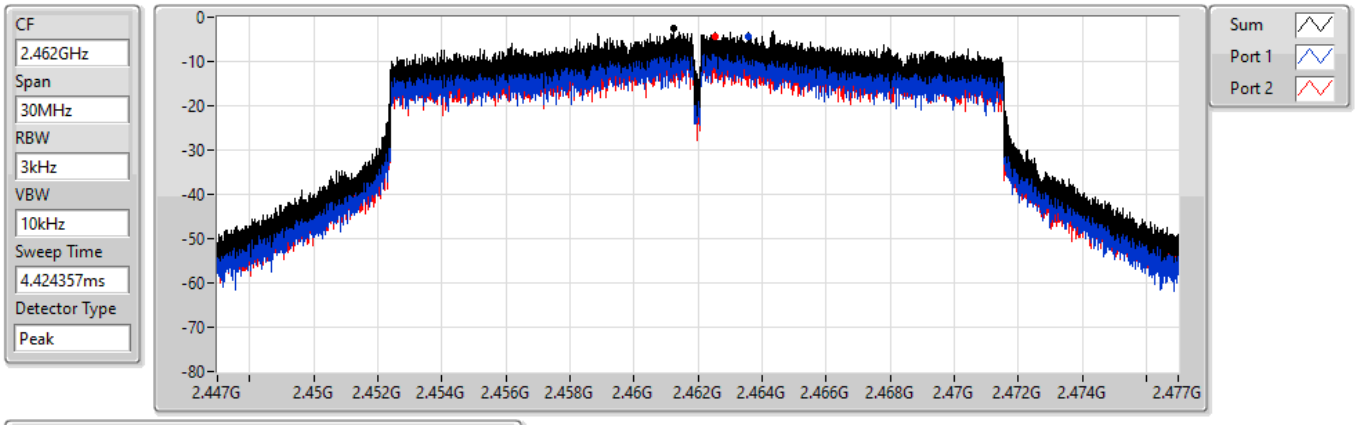


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.27	-0.27	-2.26	-2.75

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

2462MHz

04/05/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.36	-2.36	-4.27	-4.43

Summary

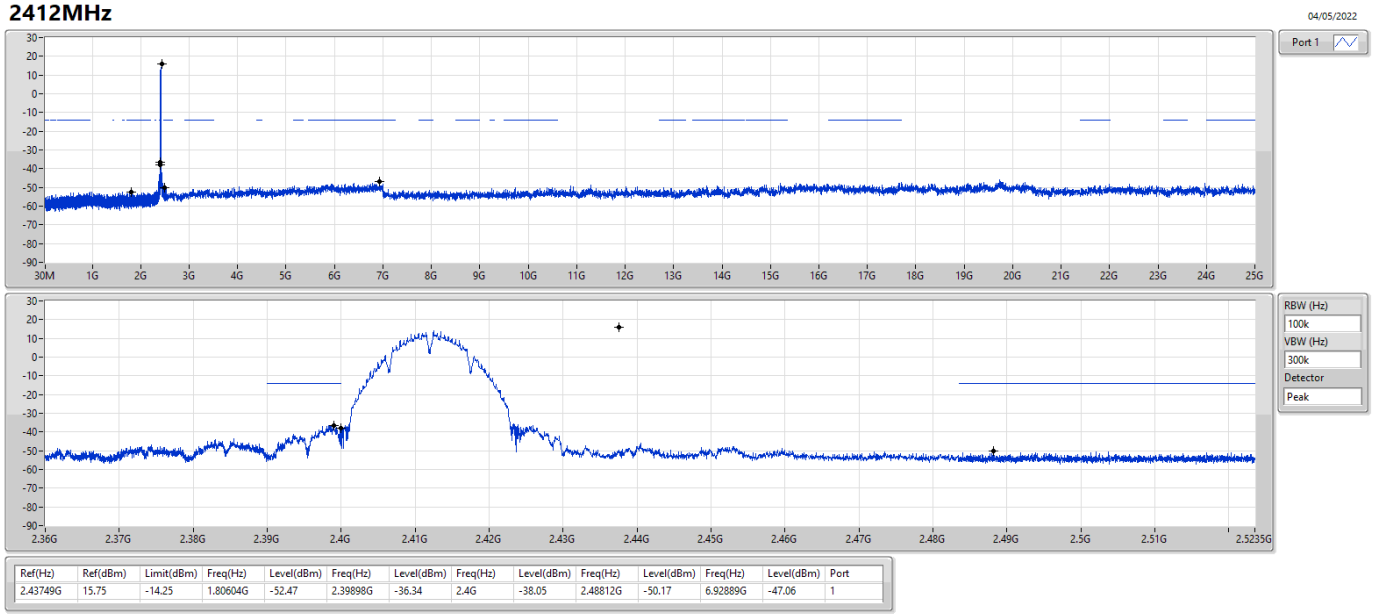
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43749G	15.75	-14.25	1.80604G	-52.47	2.39898G	-36.34	2.4G	-38.05	2.48812G	-50.17	6.92889G	-47.06	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43824G	15.11	-14.89	826.57M	-50.64	2.39976G	-25.64	2.4G	-26.72	2.48456G	-50.50	23.46036G	-46.90	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.4357G	13.73	-16.27	2.14011G	-51.75	2.39994G	-24.29	2.4G	-24.88	2.4845G	-50.49	17.66985G	-46.90	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	15.75	-14.25	1.80604G	-52.47	2.39898G	-36.34	2.4G	-38.05	2.48812G	-50.17	6.92889G	-47.06	1
2437MHz	Pass	2.43749G	15.75	-14.25	2.05361G	-52.21	2.39754G	-43.30	2.4G	-47.28	2.49G	-44.54	6.98509G	-46.95	1
2462MHz	Pass	2.43749G	15.75	-14.25	827.15M	-52.23	2.39728G	-50.87	2.4835G	-52.44	2.48746G	-44.44	5.99331G	-46.04	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	15.11	-14.89	826.57M	-50.64	2.39976G	-25.64	2.4G	-26.72	2.48456G	-50.50	23.46036G	-46.90	1
2437MHz	Pass	2.43824G	15.11	-14.89	643.96M	-52.55	2.39948G	-31.43	2.4G	-35.55	2.48538G	-38.33	6.76313G	-46.54	1
2462MHz	Pass	2.43824G	15.11	-14.89	2.16049G	-52.67	2.39662G	-48.72	2.4835G	-40.20	2.48608G	-38.99	16.41398G	-47.09	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4357G	13.73	-16.27	2.14011G	-51.75	2.39994G	-24.29	2.4G	-24.88	2.4845G	-50.49	17.66985G	-46.90	1
2437MHz	Pass	2.4357G	13.73	-16.27	2.18205G	-52.10	2.39952G	-32.14	2.4G	-34.41	2.48488G	-39.18	5.90621G	-46.77	1
2462MHz	Pass	2.4357G	13.73	-16.27	838.8M	-52.54	2.39922G	-50.07	2.4835G	-42.95	2.48352G	-40.39	6.48217G	-46.66	1

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

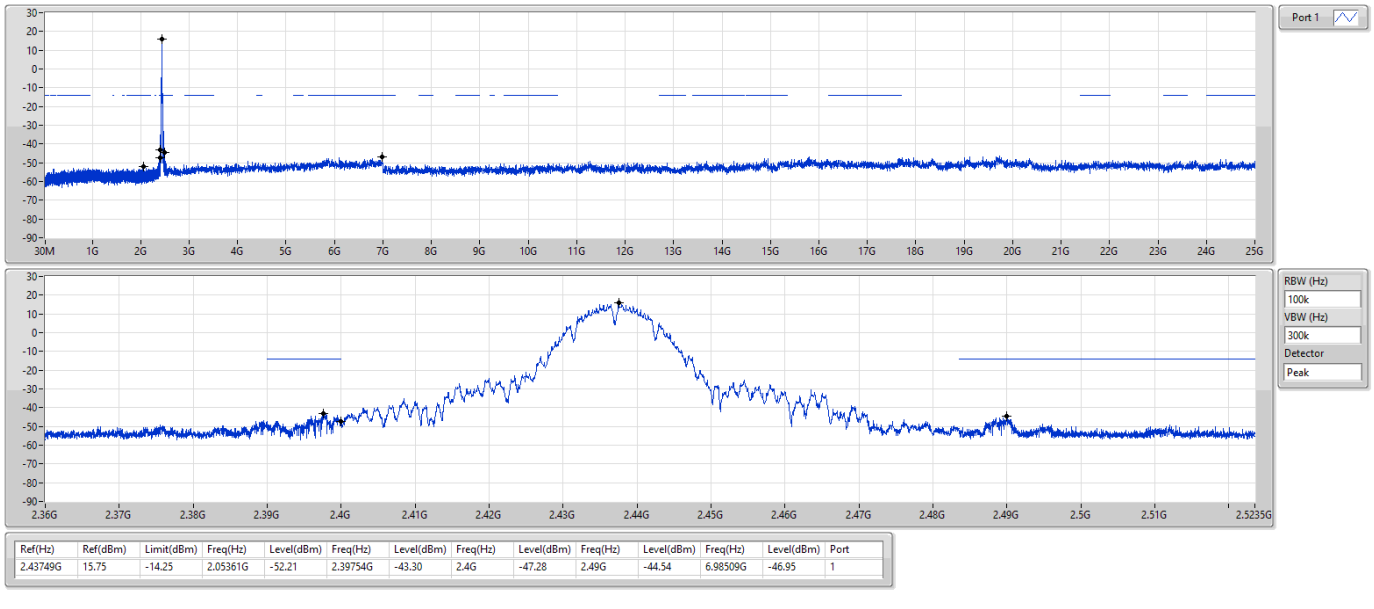
2412MHz



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	15.75	-14.25	1.80604G	-52.47	2.39898G	-36.34	2.4G	-38.05	2.48812G	-50.17	6.92889G	-47.06	1

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

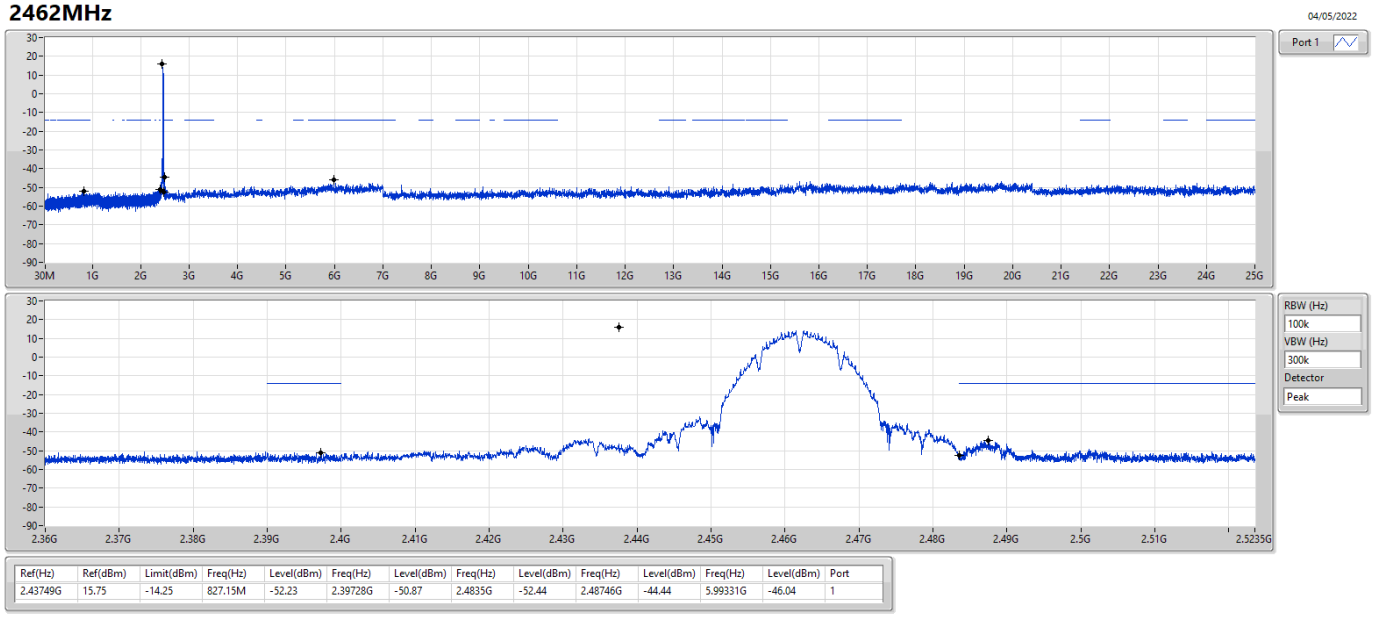
2437MHz



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	15.75	-14.25	2.05361G	-52.21	2.39754G	-43.30	2.4G	-47.28	2.49G	-44.54	6.98509G	-46.95	1

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

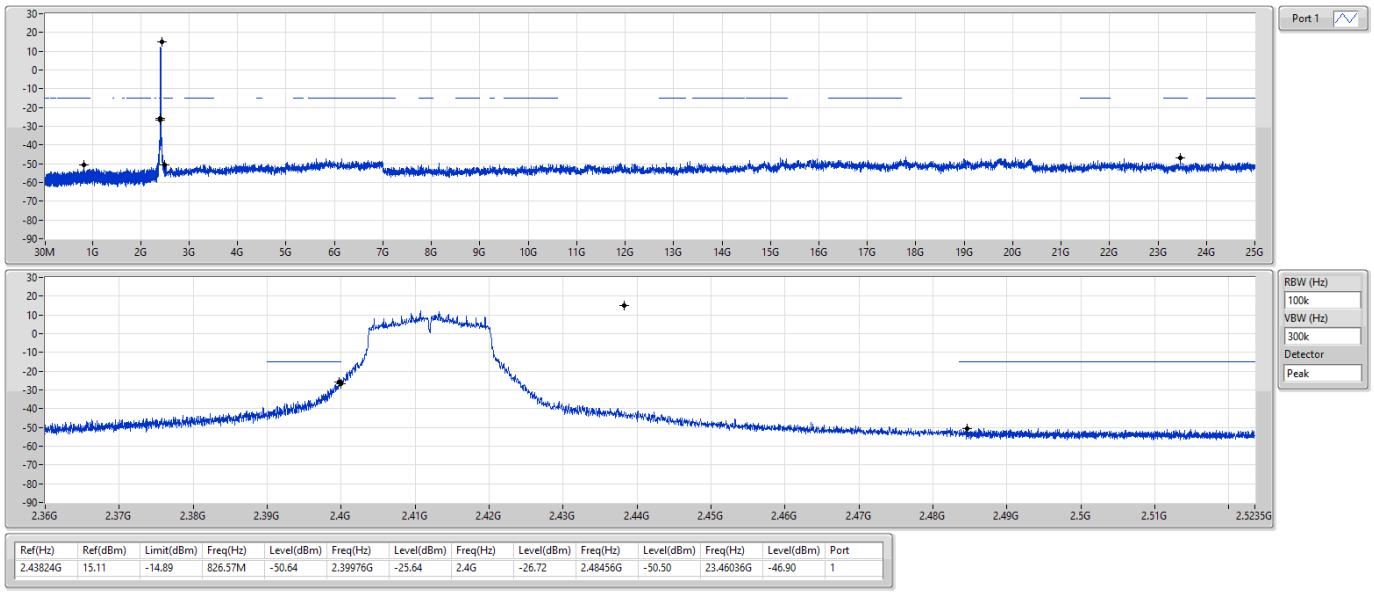
2462MHz



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	15.75	-14.25	827.15M	-52.23	2.39728G	-50.87	2.4835G	-52.44	2.48746G	-44.44	5.99331G	-46.04	1

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

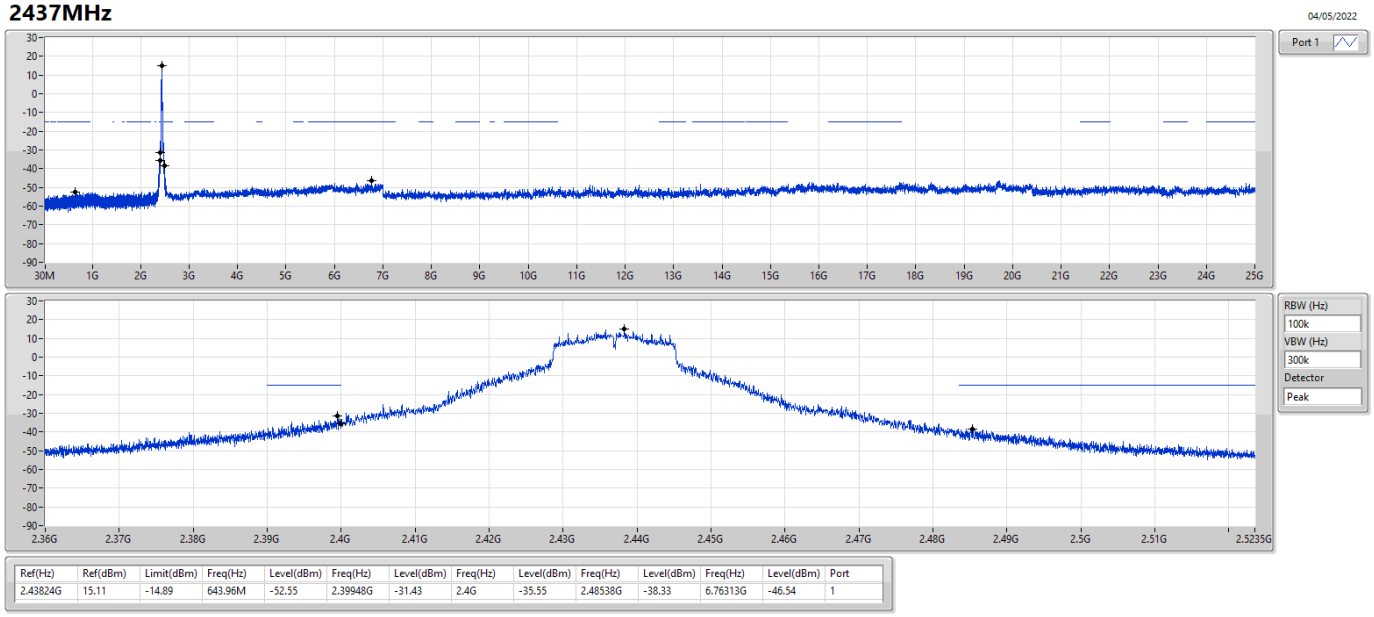
2412MHz



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	15.11	-14.89	826.57M	-50.64	2.39976G	-25.64	2.4G	-26.72	2.48456G	-50.50	23.46036G	-46.90	1

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

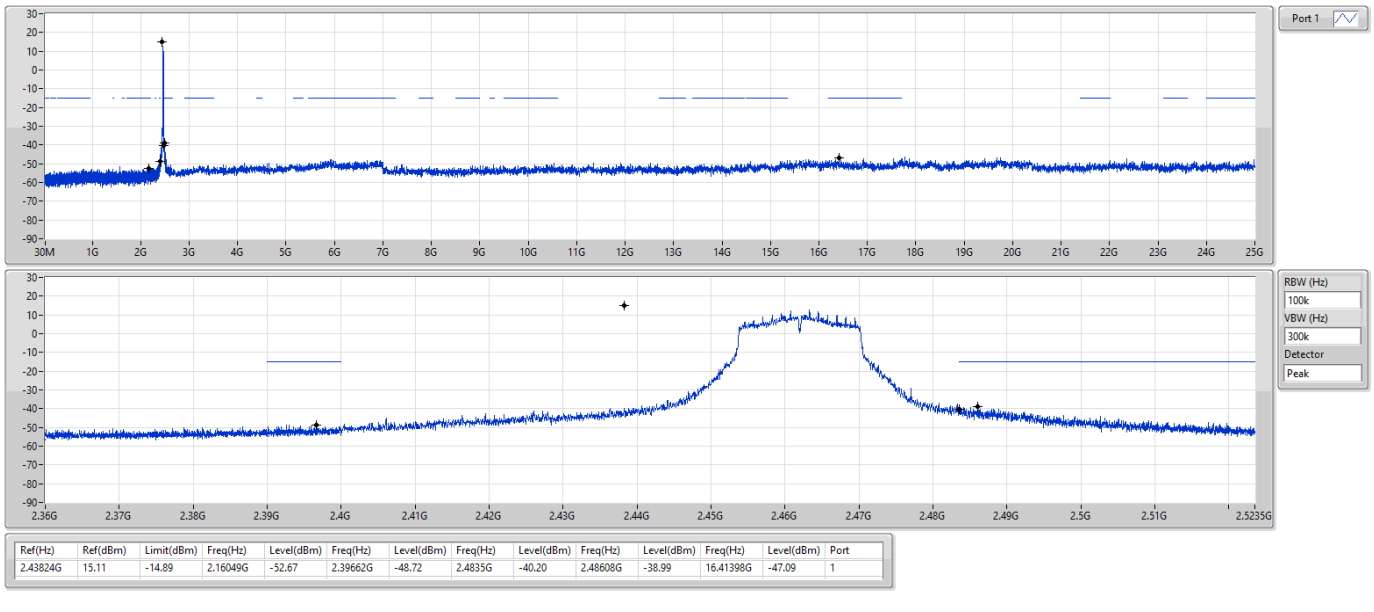
2437MHz



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	15.11	-14.89	643.96M	-52.55	2.39948G	-31.43	2.4G	-35.55	2.48538G	-38.33	6.76313G	-46.54	1

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

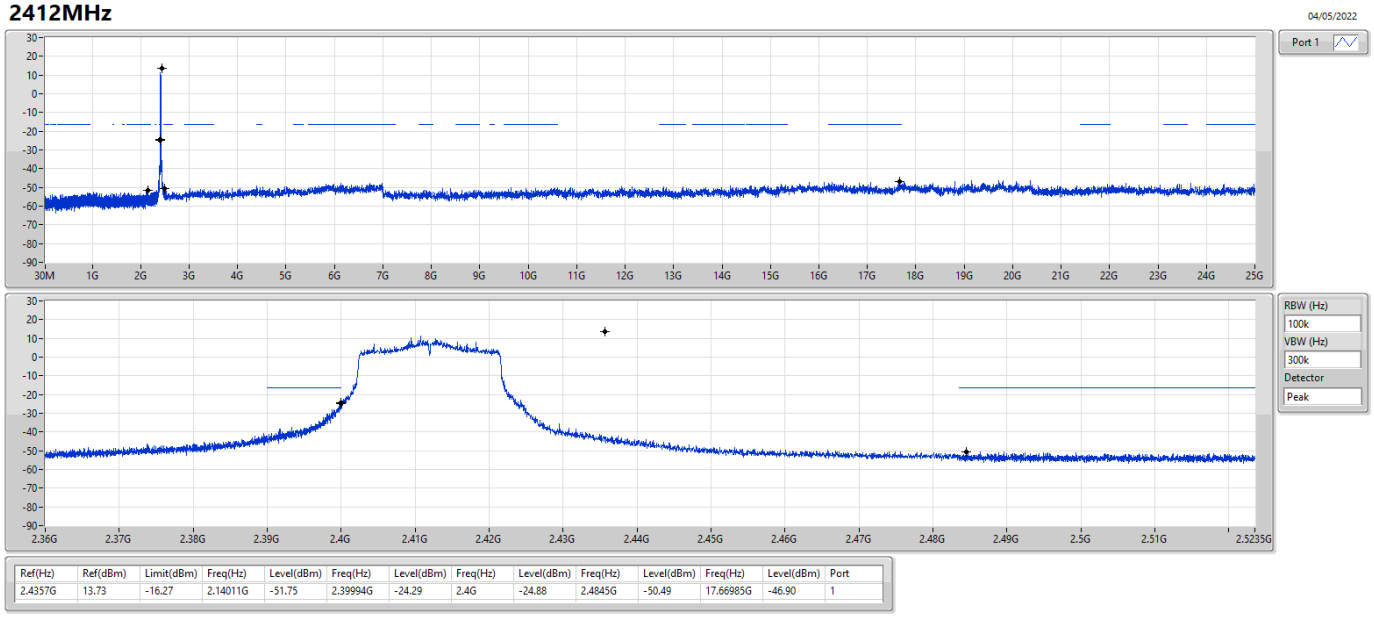
2462MHz



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	15.11	-14.89	2.16049G	-52.67	2.39662G	-48.72	2.4835G	-40.20	2.48608G	-38.99	16.41398G	-47.09	1

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

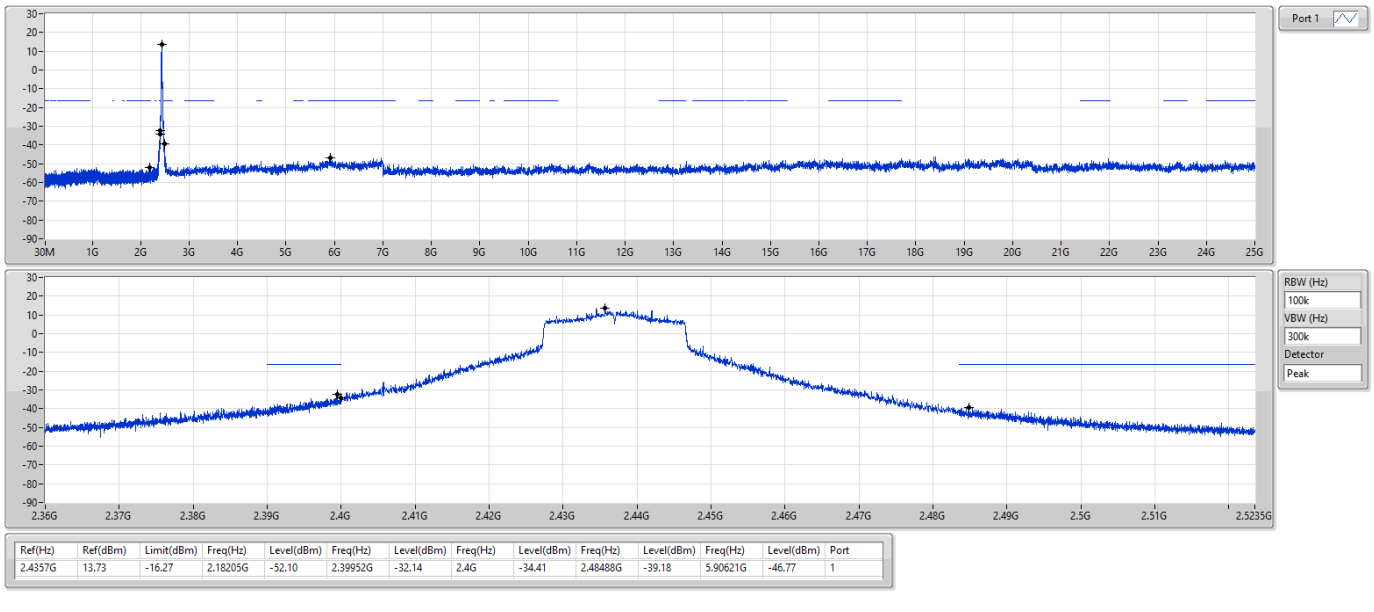
2412MHz



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
2.4357G	13.73	-16.27	2.14011G	-51.75	2.39994G	-24.29	2.4G	-24.88	2.4845G	-50.49	17.66985G	-46.90	1

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

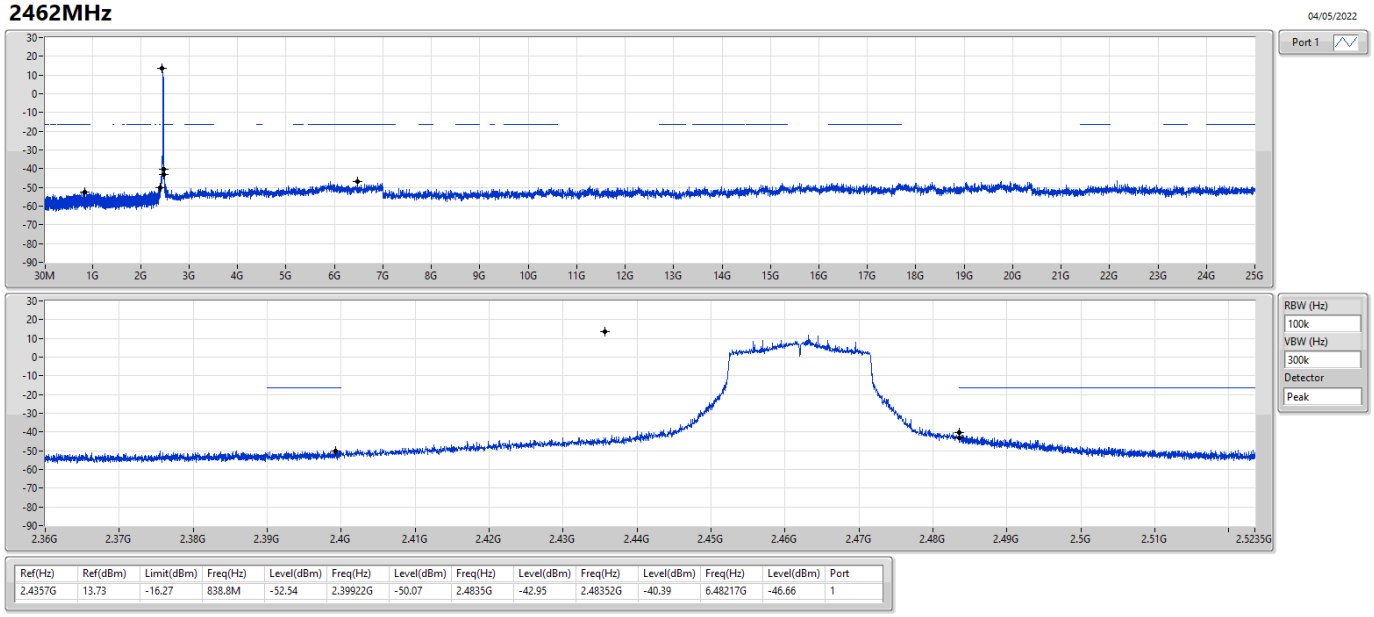
2437MHz



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
2.4357G	13.73	-16.27	2.18205G	-52.10	2.39952G	-32.14	2.4G	-34.41	2.48488G	-39.18	5.90621G	-46.77	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
2.4357G	13.73	-16.27	838.8M	-52.54	2.39922G	-50.07	2.4835G	-42.95	2.48352G	-40.39	6.48217G	-46.66	1

Summary

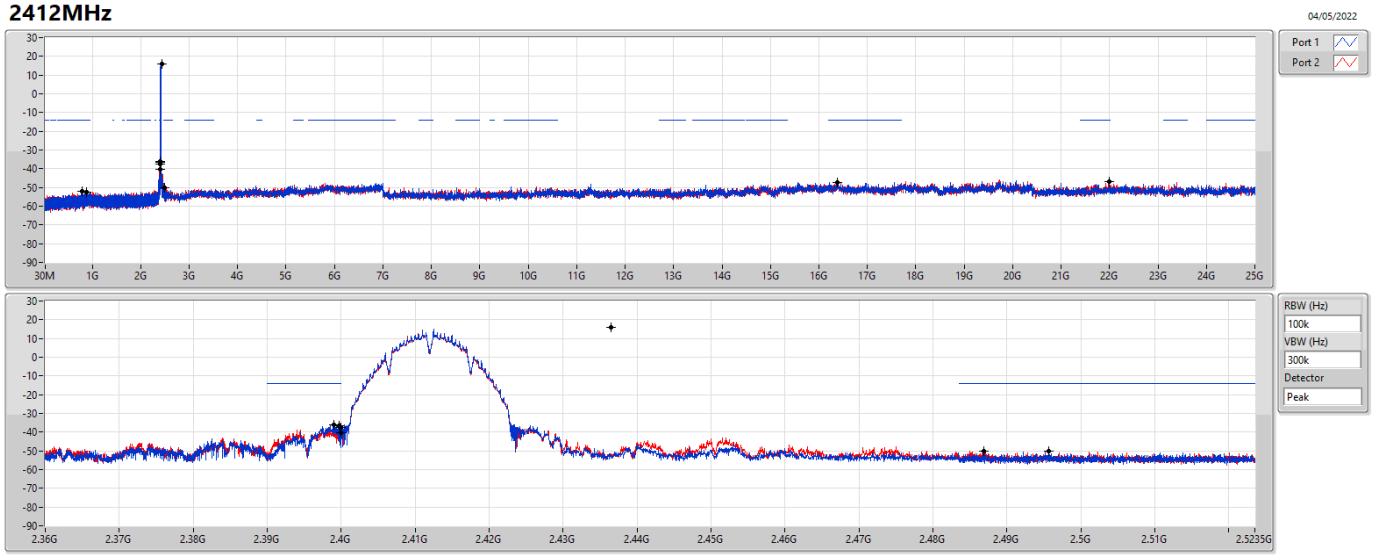
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43649G	15.92	-14.08	811.42M	-52.06	2.3975G	-33.24	2.4G	-40.32	2.48846G	-39.41	21.66786G	-47.25	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	14.76	-15.24	917.15M	-52.18	2.39984G	-26.53	2.4G	-25.47	2.48484G	-49.13	6.27708G	-47.14	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.43945G	13.67	-16.33	2.30262G	-51.20	2.39992G	-25.84	2.4G	-25.40	2.51752G	-50.28	24.78085G	-46.71	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)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	15.92	-14.08	786.38M	-52.03	2.39902G	-36.26	2.4G	-37.73	2.49568G	-50.00	16.38307G	-47.20	1
2412MHz	Pass	2.43649G	15.92	-14.08	881.32M	-52.29	2.39968G	-36.47	2.4G	-40.50	2.48692G	-50.13	21.98534G	-46.88	2
2437MHz	Pass	2.43649G	15.92	-14.08	2.30903G	-52.51	2.39752G	-40.20	2.4G	-47.57	2.48848G	-47.61	6.23774G	-46.95	1
2437MHz	Pass	2.43649G	15.92	-14.08	811.42M	-52.06	2.3975G	-33.24	2.4G	-40.32	2.48846G	-39.41	21.66786G	-47.25	2
2462MHz	Pass	2.43649G	15.92	-14.08	875.5M	-52.73	2.39552G	-50.04	2.4835G	-49.72	2.49246G	-47.14	6.99913G	-47.24	1
2462MHz	Pass	2.43649G	15.92	-14.08	2.0006G	-52.13	2.39696G	-51.08	2.4835G	-49.73	2.49096G	-46.95	21.99096G	-46.01	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	14.76	-15.24	891.23M	-51.29	2.3998G	-26.44	2.4G	-27.26	2.48934G	-50.58	16.21169G	-47.12	1
2412MHz	Pass	2.43824G	14.76	-15.24	917.15M	-52.18	2.39984G	-26.53	2.4G	-25.47	2.48484G	-49.13	6.27708G	-47.14	2
2437MHz	Pass	2.43824G	14.76	-15.24	2.04166G	-52.05	2.39852G	-37.85	2.4G	-42.10	2.48796G	-41.24	6.94856G	-46.80	1
2437MHz	Pass	2.43824G	14.76	-15.24	2.30874G	-52.14	2.39952G	-40.95	2.4G	-44.86	2.48504G	-45.73	5.93712G	-46.61	2
2462MHz	Pass	2.43824G	14.76	-15.24	2.05885G	-51.41	2.39234G	-48.51	2.4835G	-42.02	2.48388G	-40.05	16.48703G	-46.91	1
2462MHz	Pass	2.43824G	14.76	-15.24	1.79352G	-52.30	2.39936G	-50.11	2.4835G	-46.21	2.4851G	-41.51	15.25082G	-47.18	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43945G	13.67	-16.33	2.30262G	-51.20	2.39992G	-25.84	2.4G	-25.40	2.51752G	-50.28	24.78085G	-46.71	1
2412MHz	Pass	2.43945G	13.67	-16.33	842.01M	-51.92	2.39998G	-26.68	2.4G	-27.61	2.4871G	-50.00	15.23115G	-46.48	2
2437MHz	Pass	2.43945G	13.67	-16.33	1.8174G	-52.23	2.39768G	-37.76	2.4G	-38.56	2.4838G	-42.39	17.68671G	-47.39	1
2437MHz	Pass	2.43945G	13.67	-16.33	2.19428G	-52.10	2.39966G	-38.53	2.4G	-41.31	2.48384G	-45.07	6.24055G	-47.39	2
2462MHz	Pass	2.43945G	13.67	-16.33	2.19807G	-52.17	2.3972G	-49.89	2.4835G	-42.90	2.4836G	-41.56	17.66142G	-46.97	1
2462MHz	Pass	2.43945G	13.67	-16.33	788.42M	-52.04	2.39032G	-50.75	2.4835G	-44.37	2.48362G	-41.45	17.69514G	-47.69	2

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

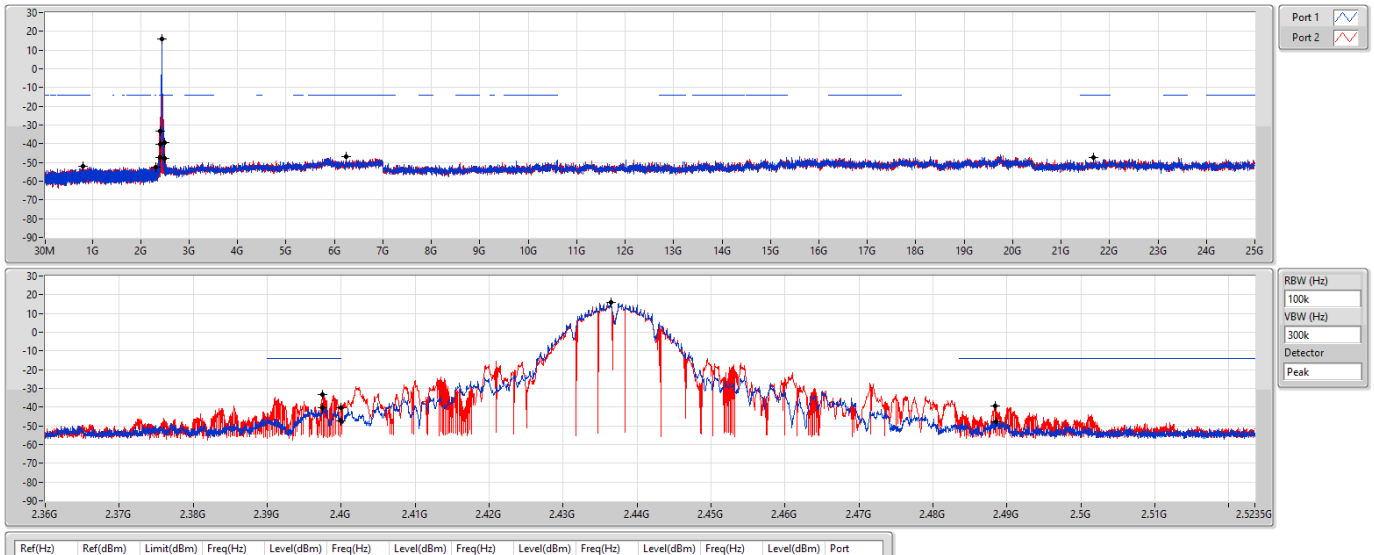
2412MHz



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
2.43649G	15.92	-14.08	786.38M	-52.03	2.39902G	-36.26	2.4G	-37.73	2.49568G	-50.00	16.38307G	-47.20	1
2.43649G	15.92	-14.08	881.32M	-52.29	2.39968G	-36.47	2.4G	-40.50	2.48692G	-50.13	21.98534G	-46.88	2

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

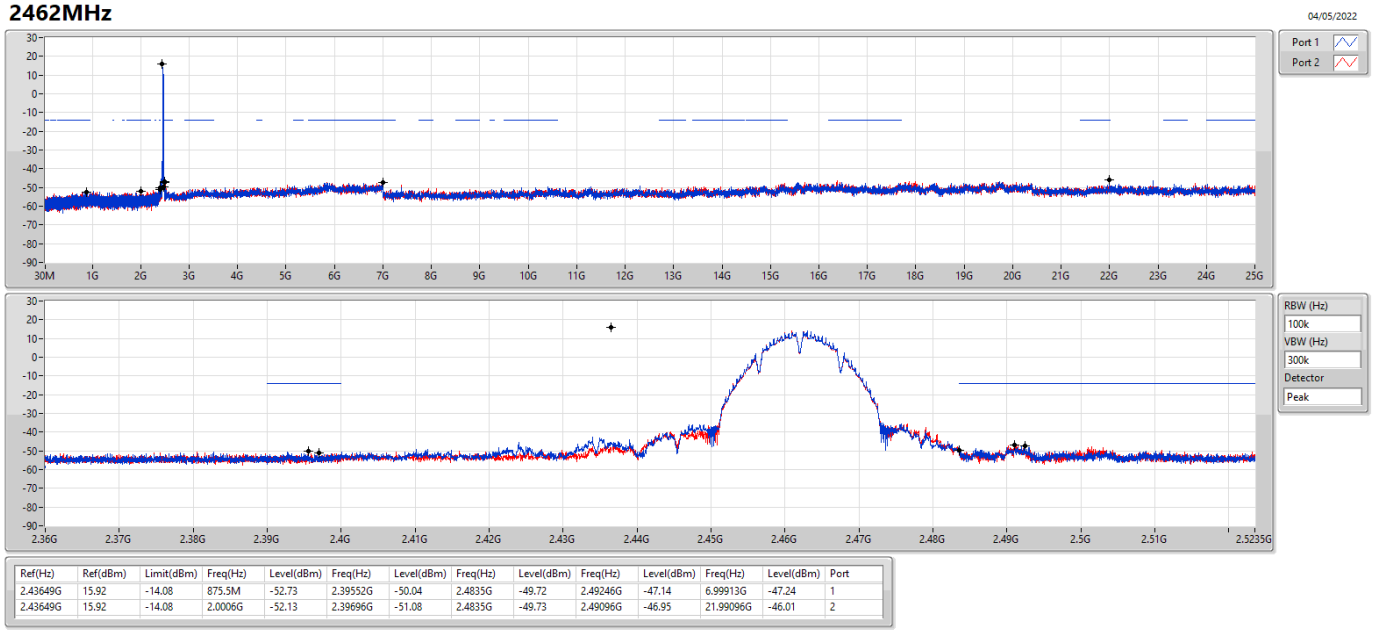
2437MHz



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
2.43649G	15.92	-14.08	2.30903G	-52.51	2.39752G	-40.20	2.4G	-47.57	2.48848G	-47.61	6.23774G	-46.95	1
2.43649G	15.92	-14.08	811.42M	-52.06	2.3975G	-33.24	2.4G	-40.32	2.48846G	-39.41	21.66786G	-47.25	2

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

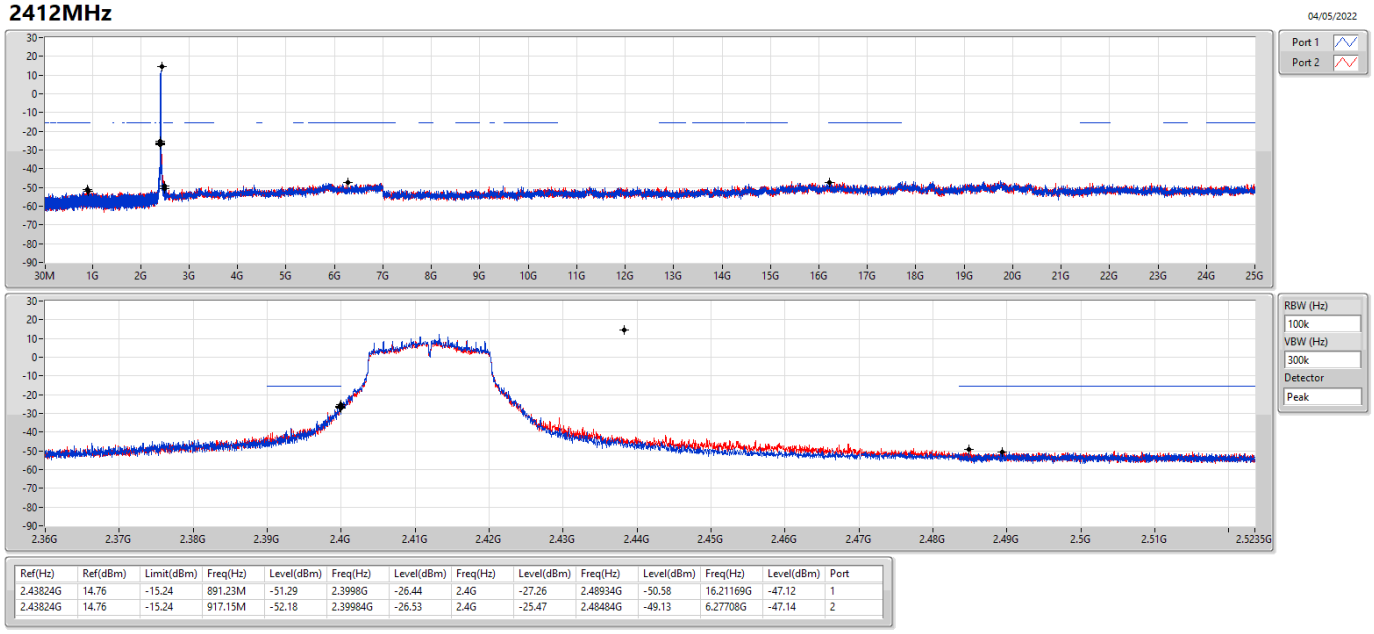
2462MHz



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
2.43649G	15.92	-14.08	875.5M	-52.73	2.39552G	-50.04	2.4835G	-49.72	2.49246G	-47.14	6.99913G	-47.24	1
2.43649G	15.92	-14.08	2.0006G	-52.13	2.39696G	-51.08	2.4835G	-49.73	2.49096G	-46.95	21.99096G	-46.01	2

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

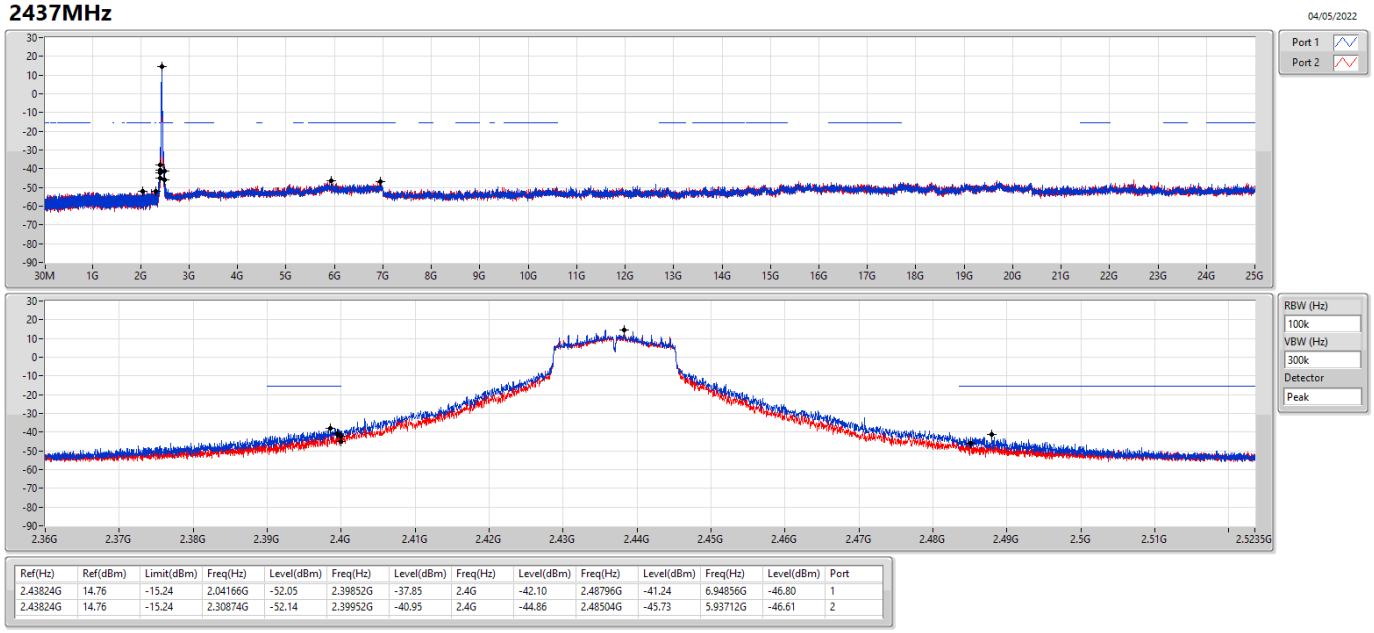
2412MHz



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	14.76	-15.24	891.23M	-51.29	2.3998G	-26.44	2.4G	-27.26	2.48934G	-50.58	16.21169G	-47.12	1
2.43824G	14.76	-15.24	917.15M	-52.18	2.39984G	-26.53	2.4G	-25.47	2.48484G	-49.13	6.27708G	-47.14	2

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

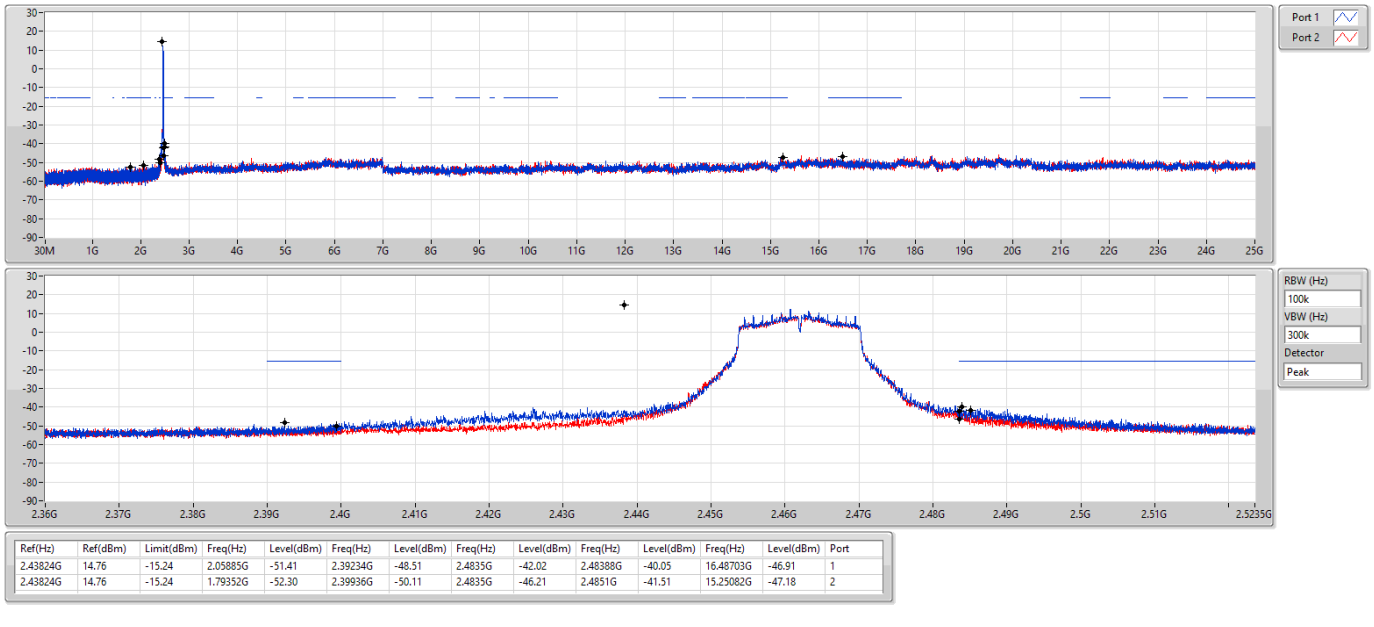
2437MHz



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	14.76	-15.24	2.04166G	-52.05	2.39852G	-37.85	2.4G	-42.10	2.48796G	-41.24	6.94856G	-46.80	1
2.43824G	14.76	-15.24	2.30874G	-52.14	2.39952G	-40.95	2.4G	-44.86	2.48504G	-45.73	5.93712G	-46.61	2

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

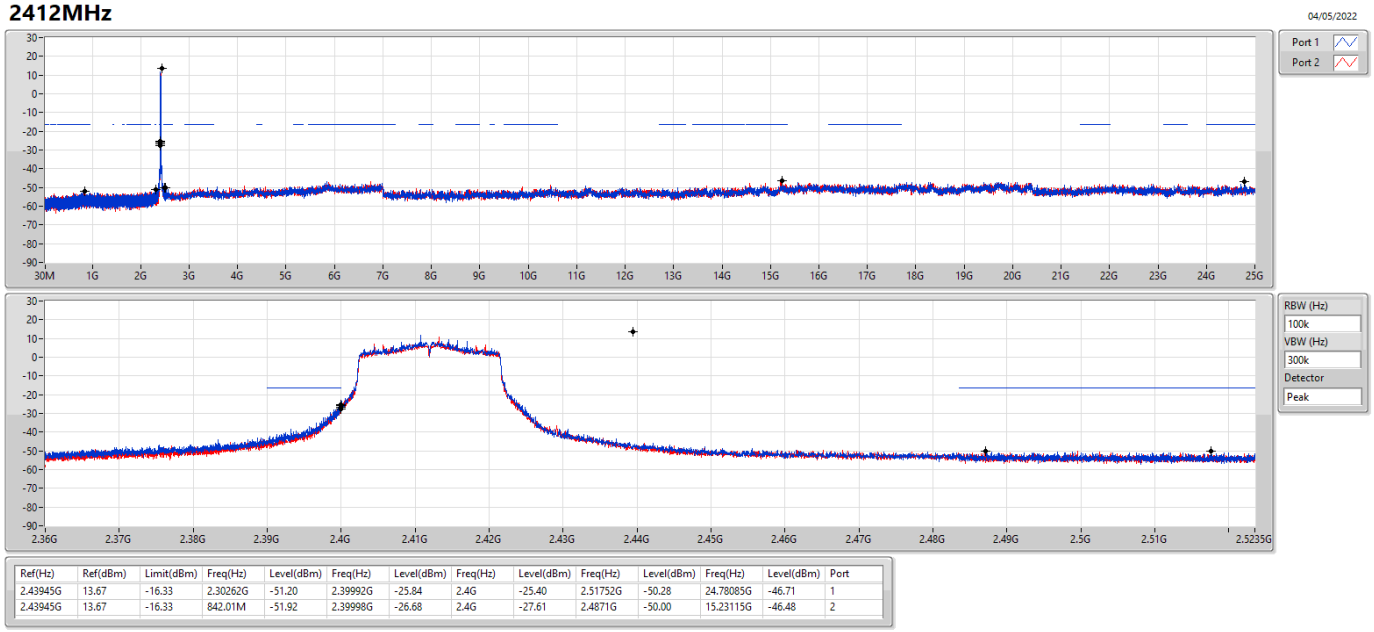
2462MHz



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	14.76	-15.24	2.05885G	-51.41	2.39234G	-48.51	2.4835G	-42.02	2.48388G	-40.05	16.48703G	-46.91	1
2.43824G	14.76	-15.24	1.79352G	-52.30	2.39936G	-50.11	2.4835G	-46.21	2.4851G	-41.51	15.25082G	-47.18	2

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

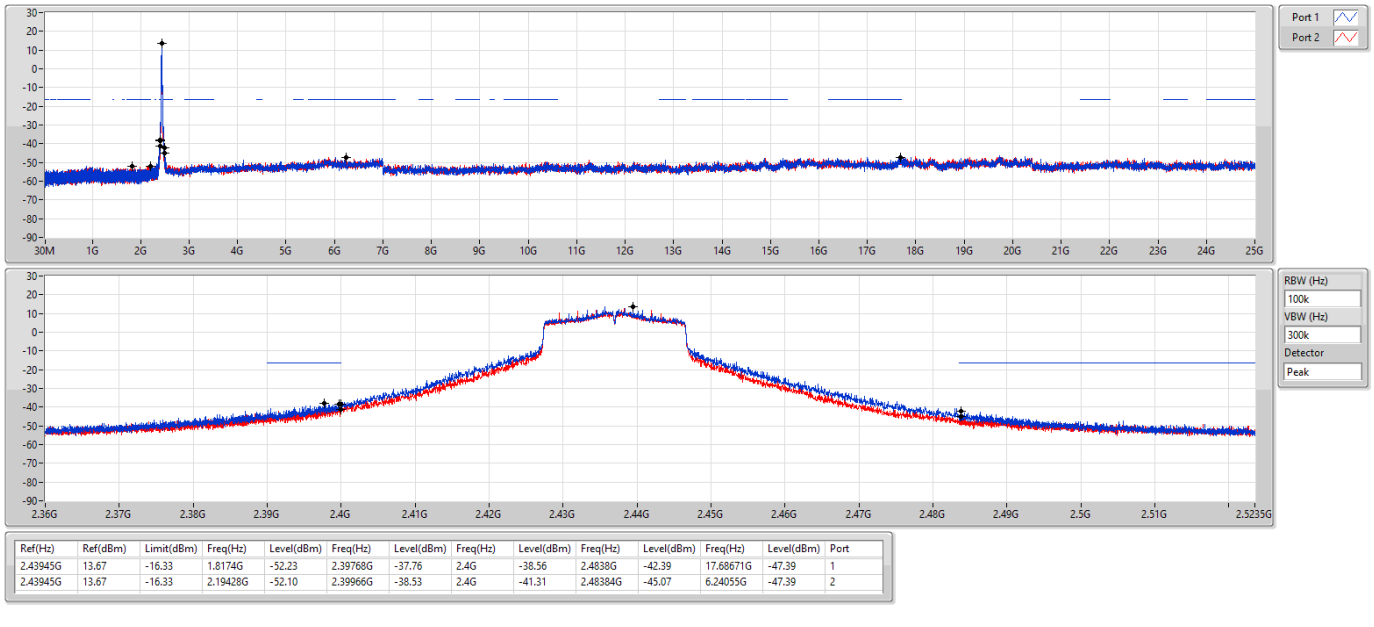
2412MHz



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
2.43945G	13.67	-16.33	2.30262G	-51.20	2.39992G	-25.84	2.4G	-25.40	2.51752G	-50.28	24.78085G	-46.71	1
2.43945G	13.67	-16.33	842.01M	-51.92	2.39998G	-26.68	2.4G	-27.61	2.4871G	-50.00	15.23115G	-46.48	2

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

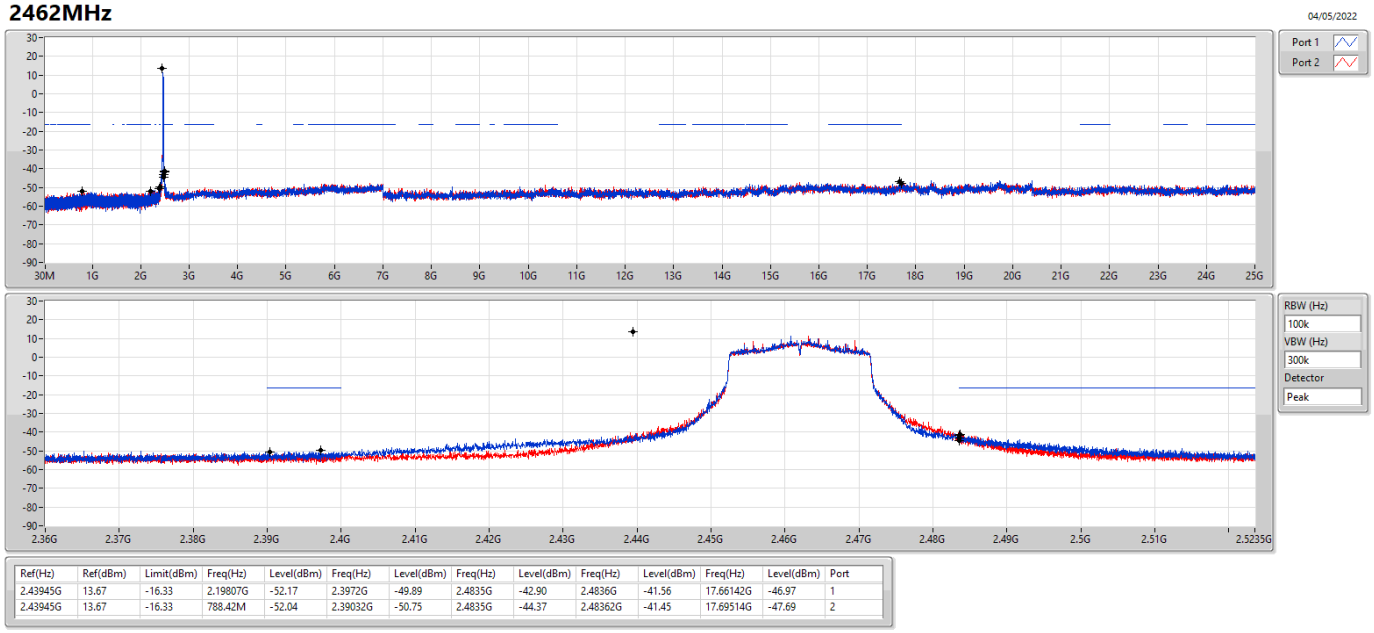
2437MHz



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
2.43945G	13.67	-16.33	1.8174G	-52.23	2.39768G	-37.76	2.4G	-38.56	2.4838G	-42.39	17.68671G	-47.39	1
2.43945G	13.67	-16.33	2.19428G	-52.10	2.39966G	-38.53	2.4G	-41.31	2.48384G	-45.07	6.24055G	-47.39	2

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

2462MHz

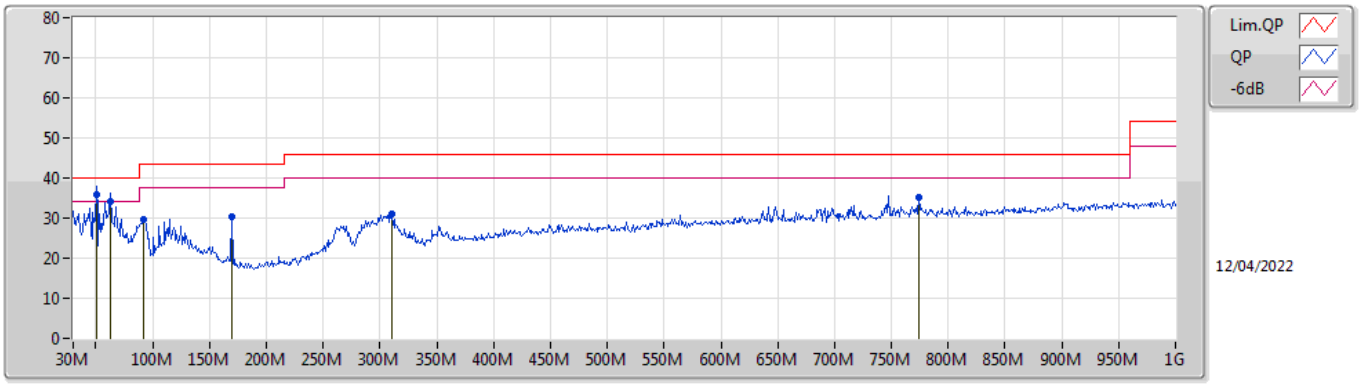


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43945G	13.67	-16.33	2.19807G	-52.17	2.3972G	-49.89	2.4835G	-42.90	2.4836G	-41.56	17.66142G	-46.97	1
2.43945G	13.67	-16.33	788.42M	-52.04	2.39032G	-50.75	2.4835G	-44.37	2.48362G	-41.45	17.69514G	-47.69	2

Summary

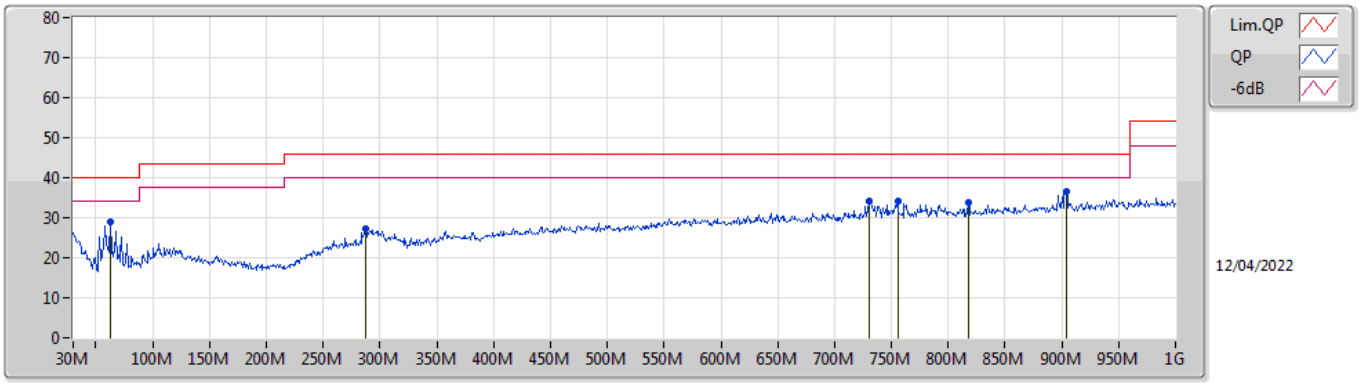
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	50.37M	35.97	40.00	-4.03	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	50.37M	35.97	40.00	-4.03	-16.74	3	Vertical	351	1.00	"Worst"	52.71	13.92	1.10	31.76
QP	62.98M	34.06	40.00	-5.94	-18.44	3	Vertical	360	1.00	-	52.50	12.22	1.20	31.86
PK	92.08M	29.69	43.50	-13.81	-15.30	3	Vertical	106	1.25	-	44.99	15.14	1.46	31.90
PK	169.68M	30.31	43.50	-13.19	-14.41	3	Vertical	3	1.25	-	44.72	15.50	2.05	31.96
PK	310.33M	30.94	46.00	-15.06	-9.96	3	Vertical	232	1.25	-	40.90	19.37	2.76	32.09
PK	773.99M	35.33	46.00	-10.67	-2.50	3	Vertical	26	1.00	-	37.83	25.40	4.80	32.70

Mode 2



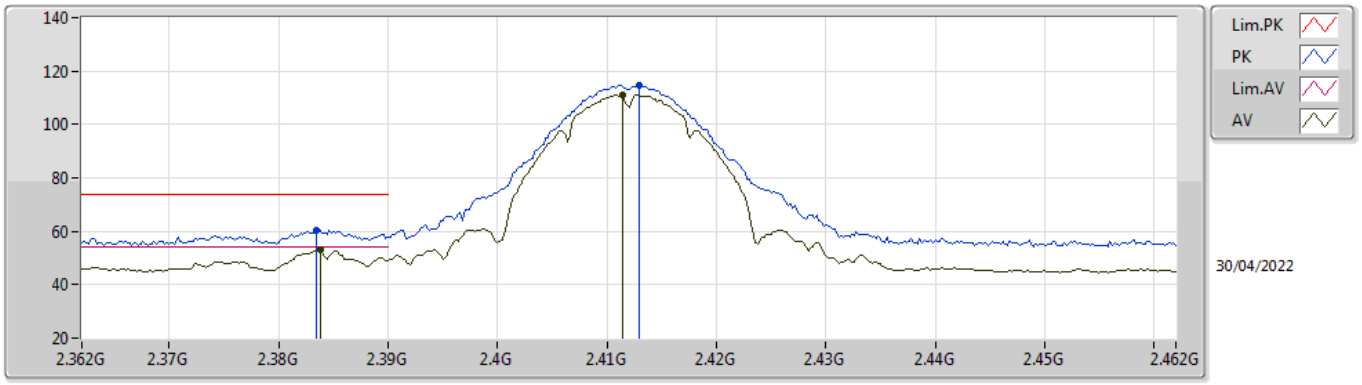
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	62.98M	28.82	40.00	-11.18	-18.44	3	Horizontal	142	1.25	-	47.26	12.22	1.20	31.86
PK	287.05M	27.34	46.00	-18.66	-10.57	3	Horizontal	219	1.25	-	37.91	18.84	2.65	32.06
PK	730.34M	34.07	46.00	-11.93	-3.09	3	Horizontal	275	3.00	-	37.16	24.98	4.62	32.69
PK	755.56M	33.98	46.00	-12.02	-2.68	3	Horizontal	195	2.00	-	36.66	25.31	4.72	32.71
PK	817.64M	33.71	46.00	-12.29	-2.17	3	Horizontal	157	1.00	-	35.88	25.53	4.97	32.67
PK	903.97M	36.65	46.00	-9.35	-1.13	3	Horizontal	73	1.00	"Worst"	37.78	26.20	5.32	32.65

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	2.39G	53.83	54.00	-0.17	3	Vertical	62	2.37	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

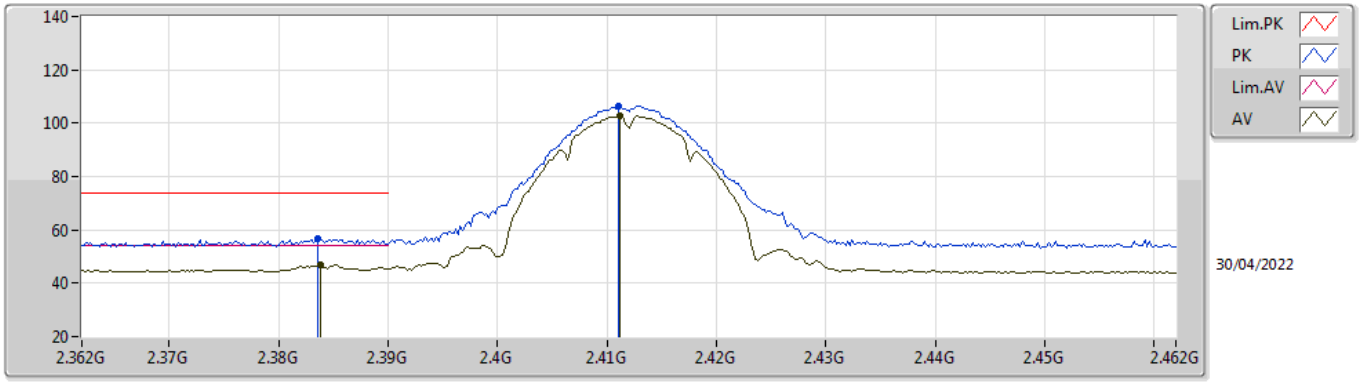


EUT Y_1TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3834G	60.35	74.00	-13.65	28.94	3	Vertical	74	1.99	-	27.53	3.88	-
AV	2.3838G	52.95	54.00	-1.05	21.54	3	Vertical	74	1.99	-	27.53	3.88	-
PK	2.413G	114.86	Inf	-Inf	83.61	3	Vertical	74	1.99	-	27.35	3.90	-
AV	2.4114G	111.19	Inf	-Inf	79.94	3	Vertical	74	1.99	-	27.35	3.90	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

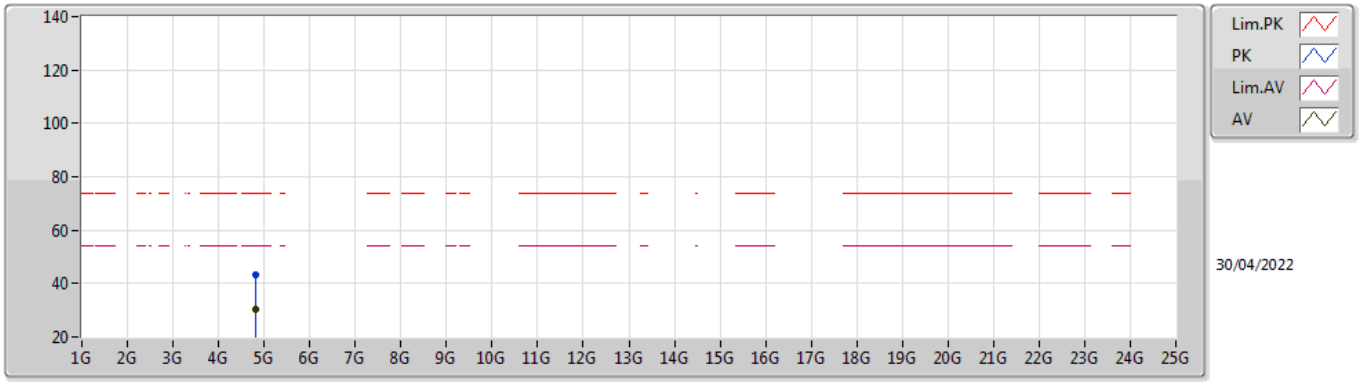


EUT Y_1TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3836G	56.69	74.00	-17.31	25.28	3	Horizontal	323	1.06	-	27.53	3.88	-
AV	2.3838G	46.97	54.00	-7.03	15.56	3	Horizontal	323	1.06	-	27.53	3.88	-
PK	2.411G	106.38	Inf	-Inf	75.12	3	Horizontal	323	1.06	-	27.36	3.90	-
AV	2.4112G	102.87	Inf	-Inf	71.61	3	Horizontal	323	1.06	-	27.36	3.90	-

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

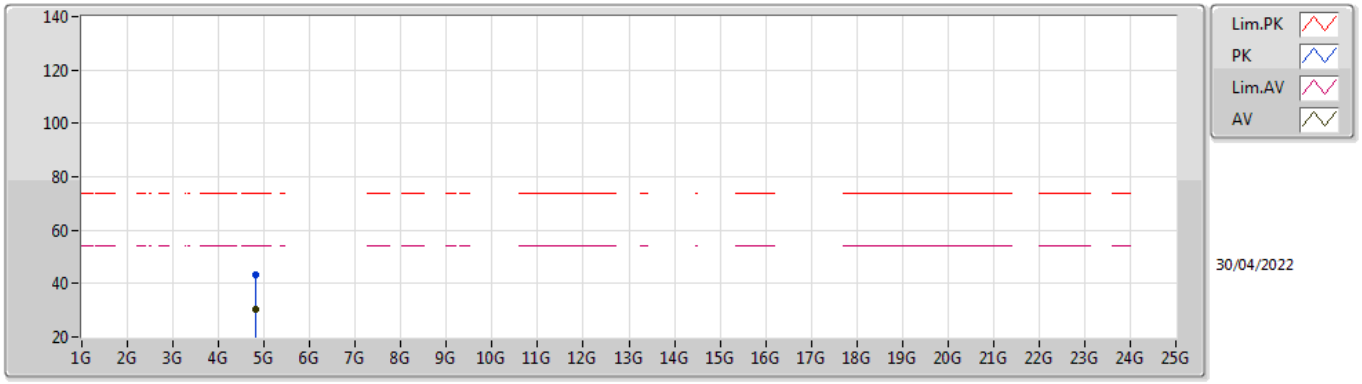


EUT Y_1TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8221G	43.17	74.00	-30.83	49.96	3	Vertical	310	1.07	-	31.06	5.37	43.22
AV	4.82322G	30.11	54.00	-23.89	36.91	3	Vertical	310	1.07	-	31.05	5.37	43.22

802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

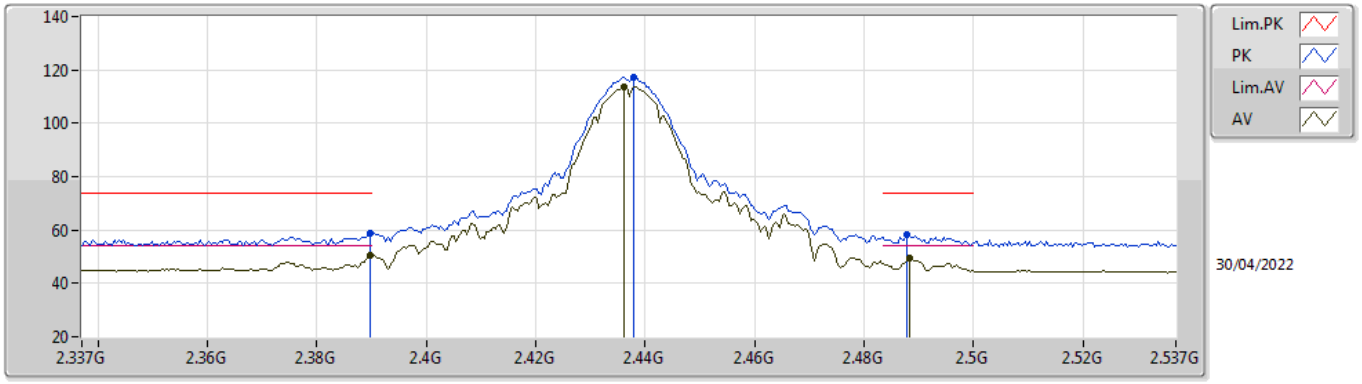


EUT Y_1TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8236G	43.06	74.00	-30.94	49.86	3	Horizontal	314	1.94	-	31.05	5.37	43.22
AV	4.8251G	30.28	54.00	-23.72	37.08	3	Horizontal	314	1.94	-	31.05	5.37	43.22

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

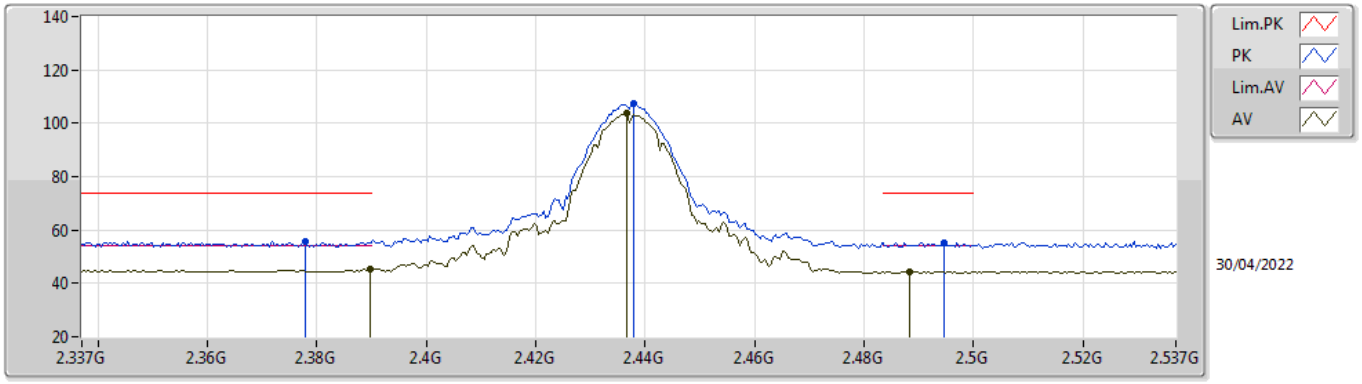


EUT Y_1TX
Setting 25
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	58.67	74.00	-15.33	27.30	3	Vertical	66	2.56	-	27.48	3.89	-
AV	2.3898G	50.33	54.00	-3.67	18.96	3	Vertical	66	2.56	-	27.48	3.89	-
PK	2.4378G	117.28	Inf	-Inf	86.12	3	Vertical	66	2.56	-	27.25	3.91	-
AV	2.4362G	113.62	Inf	-Inf	82.45	3	Vertical	66	2.56	-	27.26	3.91	-
PK	2.4878G	58.24	74.00	-15.76	27.05	3	Vertical	66	2.56	-	27.28	3.91	-
AV	2.4882G	49.50	54.00	-4.50	18.31	3	Vertical	66	2.56	-	27.28	3.91	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

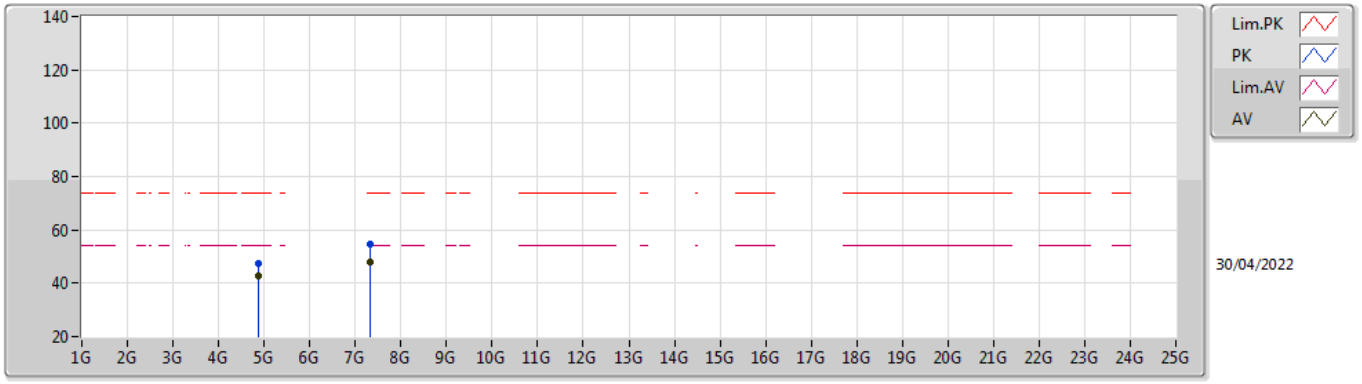


EUT Y_1TX
Setting 25
06-F-S-5

Type	Freq	Level	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	55.65	74.00	-18.35	24.20	3	Horizontal	336	1.24	-	27.58	3.87	-
AV	2.3898G	45.54	54.00	-8.46	14.17	3	Horizontal	336	1.24	-	27.48	3.89	-
PK	2.4378G	107.22	Inf	-Inf	76.06	3	Horizontal	336	1.24	-	27.25	3.91	-
AV	2.4366G	103.62	Inf	-Inf	72.46	3	Horizontal	336	1.24	-	27.25	3.91	-
PK	2.4946G	55.30	74.00	-18.70	24.10	3	Horizontal	336	1.24	-	27.29	3.91	-
AV	2.4882G	44.37	54.00	-9.63	13.18	3	Horizontal	336	1.24	-	27.28	3.91	-

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

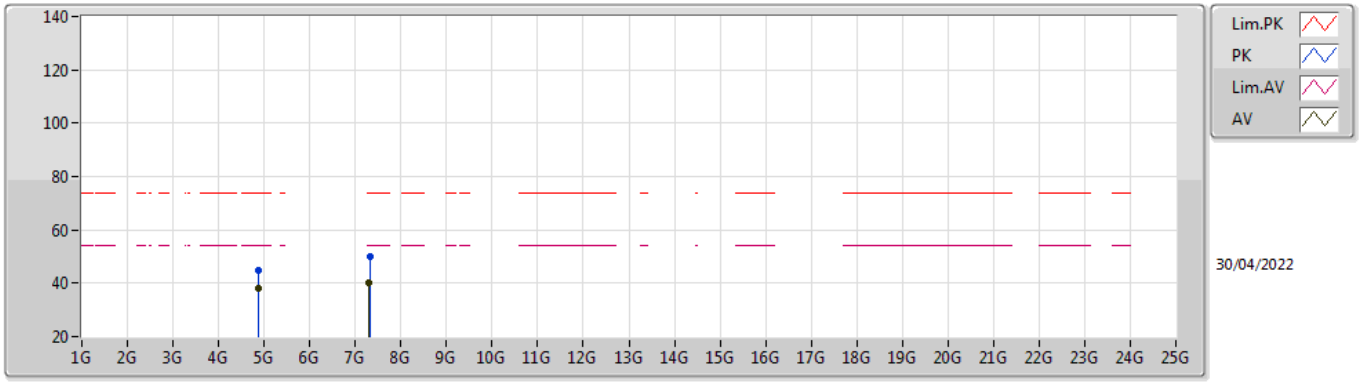


EUT Y_1TX
Setting 25
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87396G	47.55	74.00	-26.45	54.31	3	Vertical	167	2.01	-	31.05	5.39	43.20
AV	4.87396G	42.90	54.00	-11.10	49.66	3	Vertical	167	2.01	-	31.05	5.39	43.20
PK	7.31212G	54.86	74.00	-19.14	53.83	3	Vertical	335	1.75	-	36.35	6.70	42.02
AV	7.31028G	47.99	54.00	-6.01	46.95	3	Vertical	335	1.75	-	36.36	6.70	42.02

802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

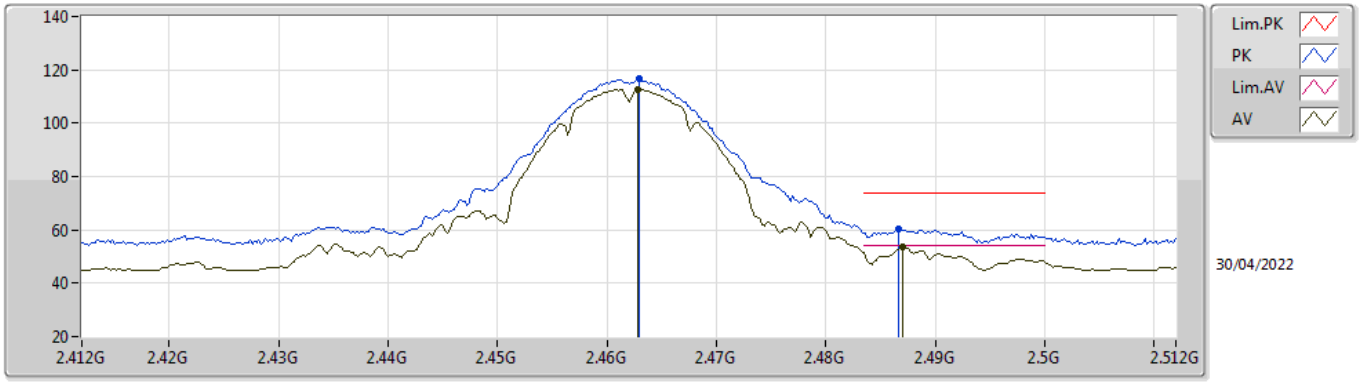


EUT Y_1TX
Setting 25
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87412G	44.95	74.00	-29.05	51.71	3	Horizontal	333	1.39	-	31.05	5.39	43.20
AV	4.87396G	37.91	54.00	-16.09	44.67	3	Horizontal	333	1.39	-	31.05	5.39	43.20
PK	7.31172G	50.09	74.00	-23.91	49.06	3	Horizontal	221	1.80	-	36.35	6.70	42.02
AV	7.3102G	40.31	54.00	-13.69	39.27	3	Horizontal	221	1.80	-	36.36	6.70	42.02

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

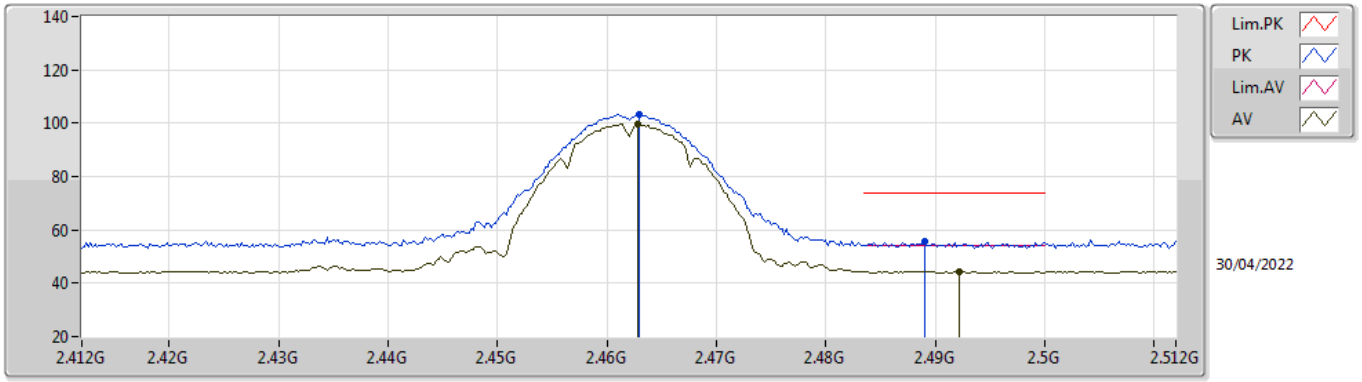


EUT Y_1TX
Setting 23
06-F-S-5

Type	Freq	Level	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	116.49	Inf	-Inf	85.35	3	Vertical	57	1.91	-	27.23	3.91	-
AV	2.4628G	112.80	Inf	-Inf	81.66	3	Vertical	57	1.91	-	27.23	3.91	-
PK	2.4866G	60.33	74.00	-13.67	29.15	3	Vertical	57	1.91	-	27.27	3.91	-
AV	2.487G	53.53	54.00	-0.47	22.35	3	Vertical	57	1.91	-	27.27	3.91	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

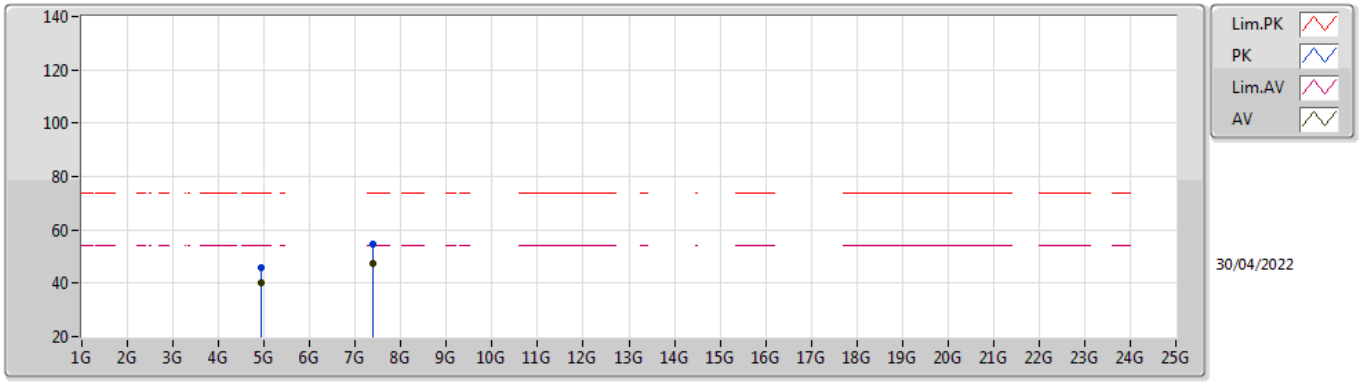


EUT Y_1TX
Setting 23
06-F-S-5

Type	Freq	Level	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	103.34	Inf	-Inf	72.20	3	Horizontal	329	1.37	-	27.23	3.91	-
AV	2.4628G	99.89	Inf	-Inf	68.75	3	Horizontal	329	1.37	-	27.23	3.91	-
PK	2.489G	55.50	74.00	-18.50	24.31	3	Horizontal	329	1.37	-	27.28	3.91	-
AV	2.4922G	44.50	54.00	-9.50	13.31	3	Horizontal	329	1.37	-	27.28	3.91	-

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

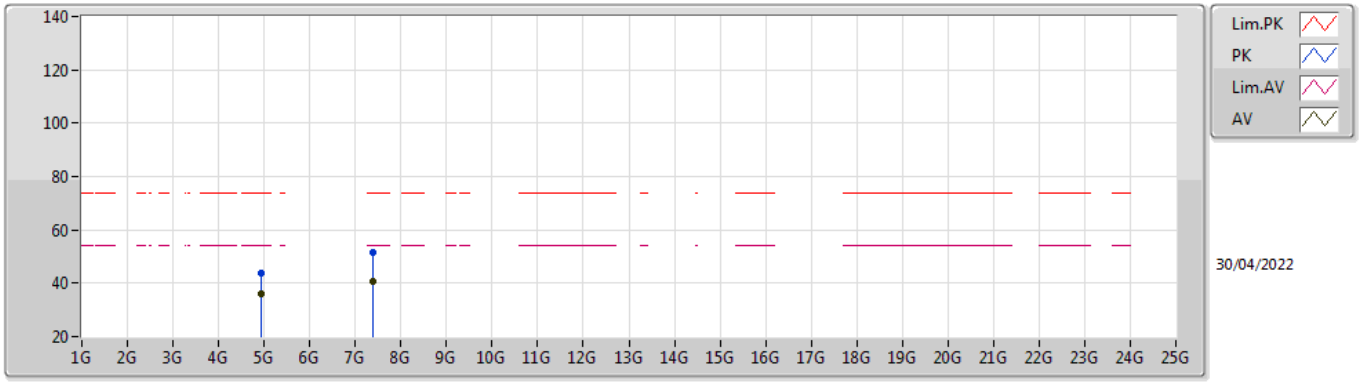


EUT Y_1TX
Setting 23
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92404G	45.91	74.00	-28.09	52.49	3	Vertical	166	2.48	-	31.20	5.40	43.18
AV	4.92392G	40.04	54.00	-13.96	46.62	3	Vertical	166	2.48	-	31.20	5.40	43.18
PK	7.38684G	54.81	74.00	-19.19	54.00	3	Vertical	135	1.90	-	36.05	6.76	42.00
AV	7.38676G	47.43	54.00	-6.57	46.62	3	Vertical	135	1.90	-	36.05	6.76	42.00

802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

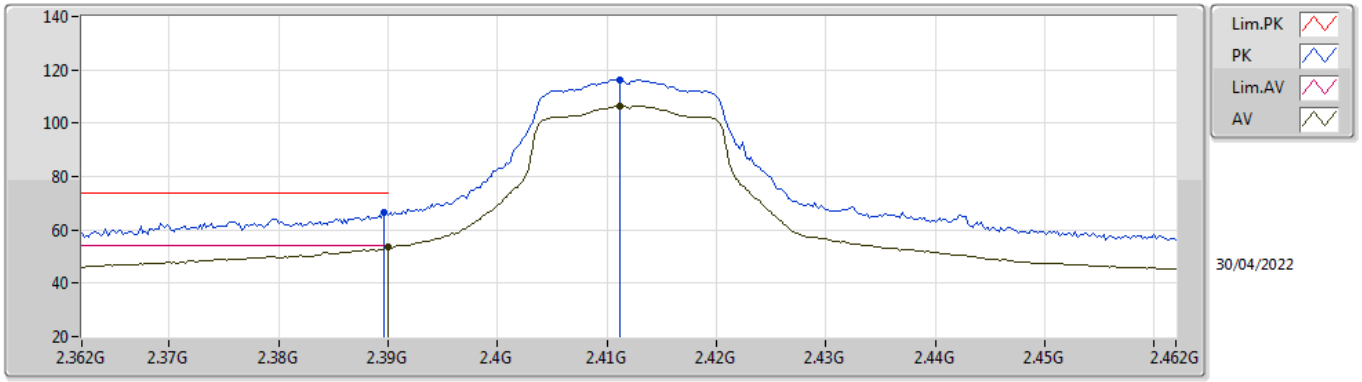


EUT Y_1TX
Setting 23
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92384G	44.05	74.00	-29.95	50.63	3	Horizontal	269	2.17	-	31.20	5.40	43.18
AV	4.92388G	35.99	54.00	-18.01	42.57	3	Horizontal	269	2.17	-	31.20	5.40	43.18
PK	7.38496G	51.48	74.00	-22.52	50.66	3	Horizontal	221	1.71	-	36.06	6.76	42.00
AV	7.38684G	40.60	54.00	-13.40	39.79	3	Horizontal	221	1.71	-	36.05	6.76	42.00

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

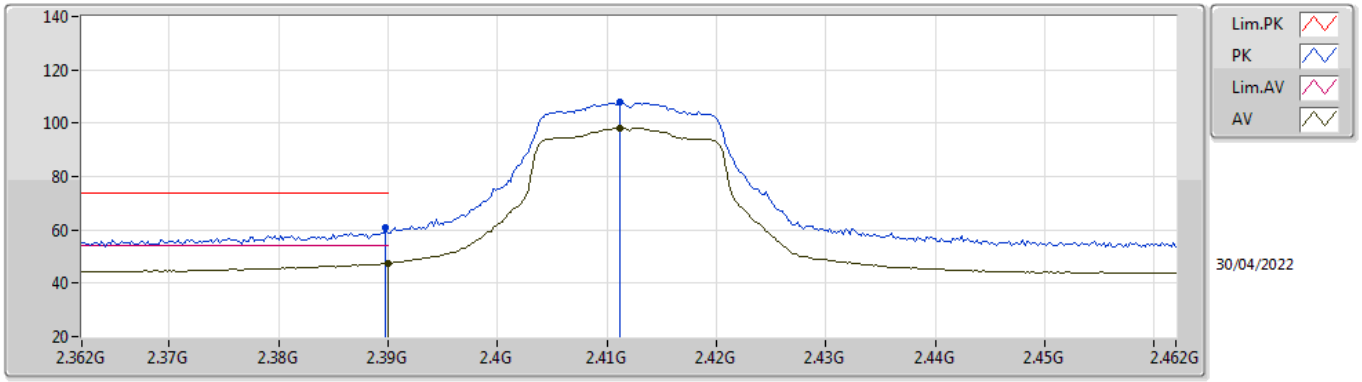


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	66.71	74.00	-7.29	35.34	3	Vertical	67	2.66	-	27.48	3.89	-
AV	2.39G	53.57	54.00	-0.43	22.20	3	Vertical	67	2.66	-	27.48	3.89	-
PK	2.4112G	116.12	Inf	-Inf	84.86	3	Vertical	67	2.66	-	27.36	3.90	-
AV	2.4112G	106.58	Inf	-Inf	75.32	3	Vertical	67	2.66	-	27.36	3.90	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

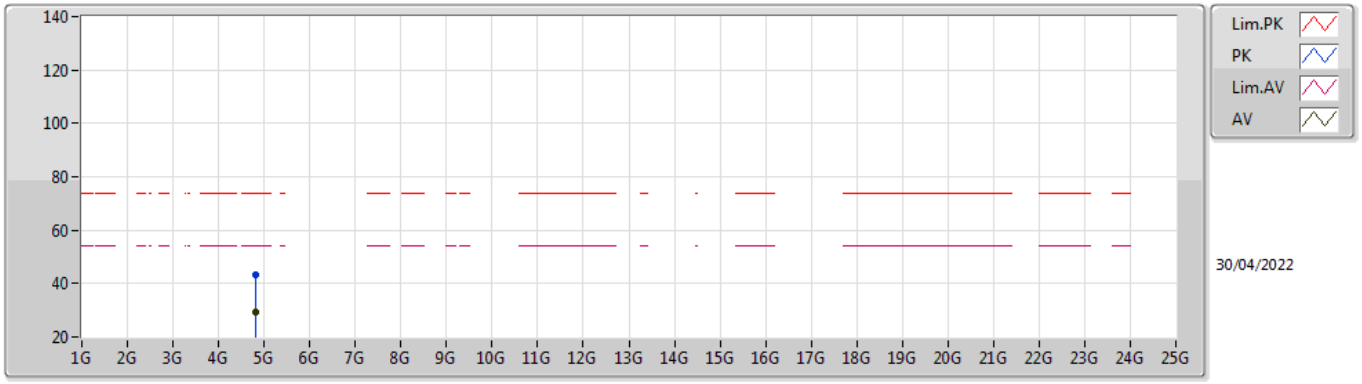


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	61.05	74.00	-12.95	29.68	3	Horizontal	323	1.08	-	27.48	3.89	-
AV	2.39G	47.42	54.00	-6.58	16.05	3	Horizontal	323	1.08	-	27.48	3.89	-
PK	2.4112G	107.83	Inf	-Inf	76.57	3	Horizontal	323	1.08	-	27.36	3.90	-
AV	2.4112G	98.32	Inf	-Inf	67.06	3	Horizontal	323	1.08	-	27.36	3.90	-

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

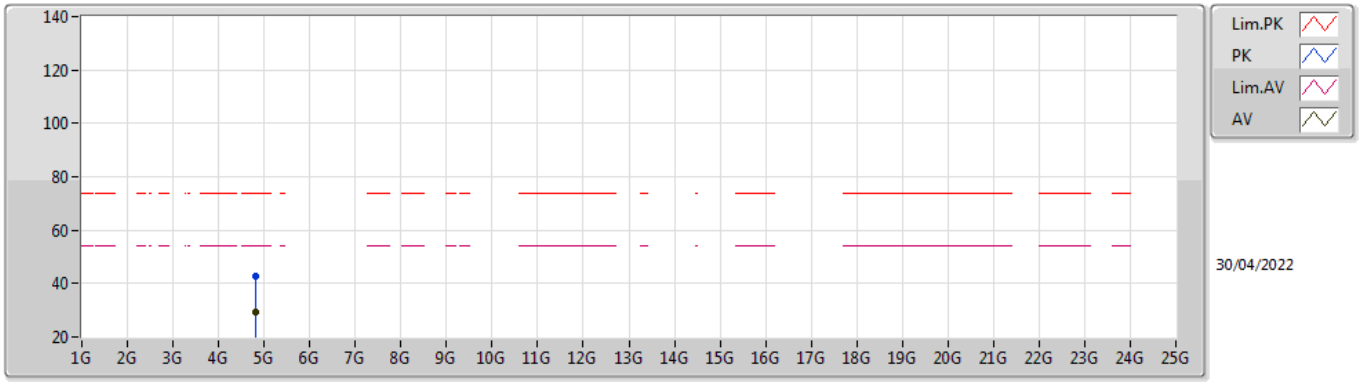


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82516G	43.05	74.00	-30.95	49.85	3	Vertical	301	1.92	-	31.05	5.37	43.22
AV	4.8231G	29.56	54.00	-24.44	36.36	3	Vertical	301	1.92	-	31.05	5.37	43.22

802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

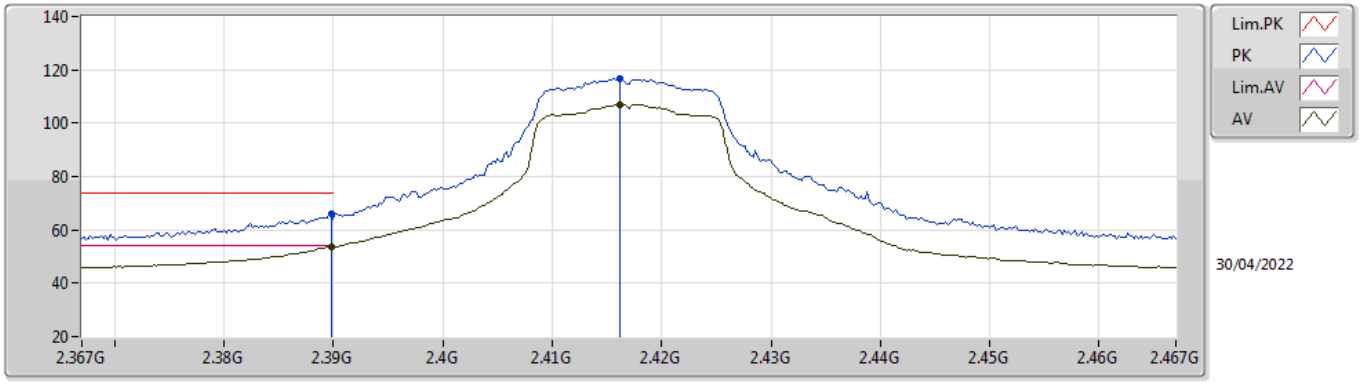


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82424G	42.86	74.00	-31.14	49.66	3	Horizontal	265	1.01	-	31.05	5.37	43.22
AV	4.82184G	29.39	54.00	-24.61	36.18	3	Horizontal	265	1.01	-	31.06	5.37	43.22

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

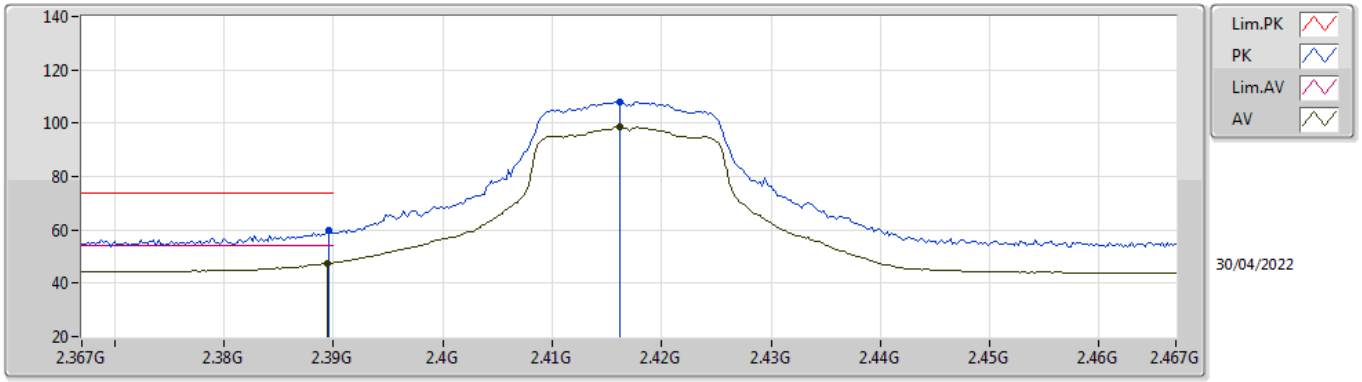


EUT Y_1TX
Setting 22
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	65.83	74.00	-8.17	34.46	3	Vertical	70	2.16	-	27.48	3.89	-
AV	2.3898G	53.65	54.00	-0.35	22.28	3	Vertical	70	2.16	-	27.48	3.89	-
PK	2.4162G	116.61	Inf	-Inf	85.37	3	Vertical	70	2.16	-	27.34	3.90	-
AV	2.4162G	106.97	Inf	-Inf	75.73	3	Vertical	70	2.16	-	27.34	3.90	-

802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

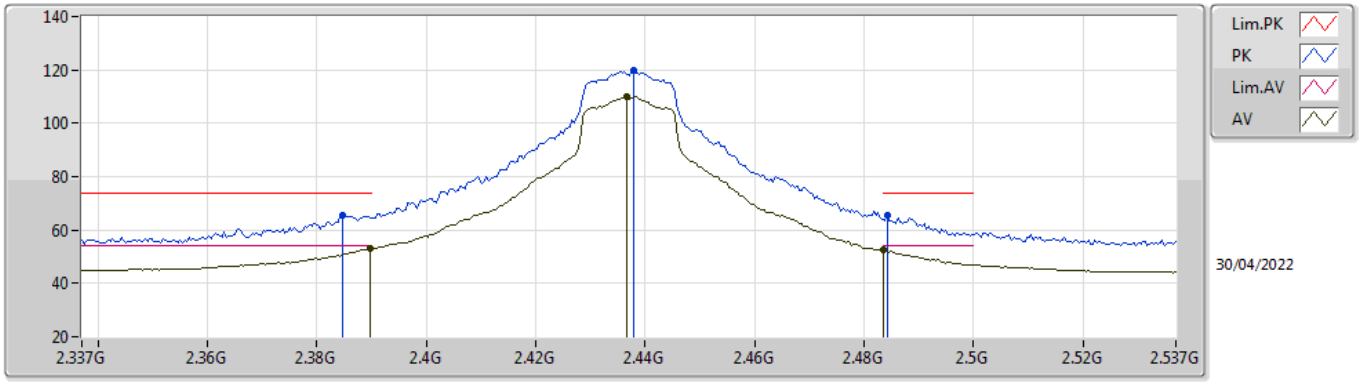


EUT Y_1TX
Setting 22
06-F-S-5

Type	Freq	Level	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	59.65	74.00	-14.35	28.28	3	Horizontal	326	1.07	-	27.48	3.89	-
AV	2.3894G	47.64	54.00	-6.36	16.27	3	Horizontal	326	1.07	-	27.48	3.89	-
PK	2.4162G	108.07	Inf	-Inf	76.83	3	Horizontal	326	1.07	-	27.34	3.90	-
AV	2.4162G	98.55	Inf	-Inf	67.31	3	Horizontal	326	1.07	-	27.34	3.90	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

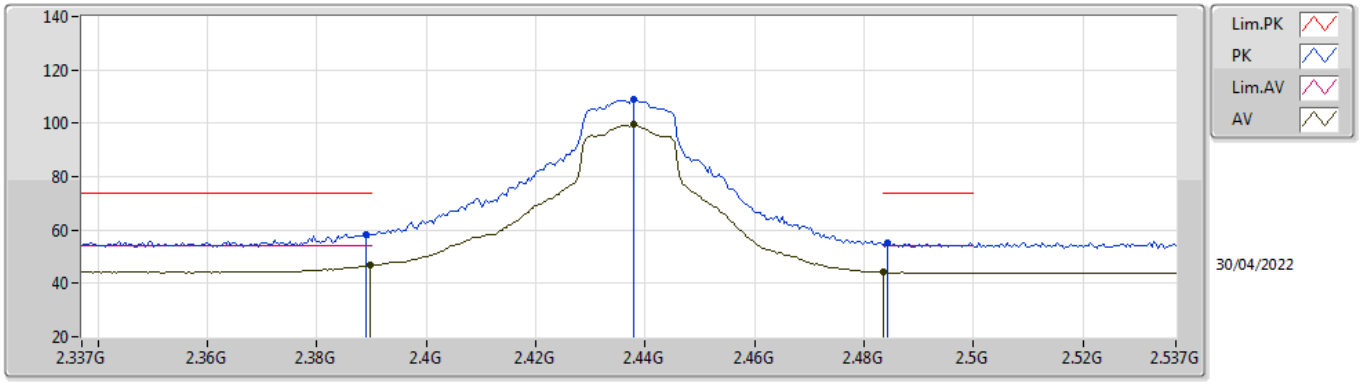


EUT Y_1TX
Setting 24.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3846G	65.69	74.00	-8.31	34.29	3	Vertical	71	2.10	-	27.52	3.88	-
AV	2.3898G	52.89	54.00	-1.11	21.52	3	Vertical	71	2.10	-	27.48	3.89	-
PK	2.4378G	119.60	Inf	-Inf	88.44	3	Vertical	71	2.10	-	27.25	3.91	-
AV	2.4366G	109.82	Inf	-Inf	78.66	3	Vertical	71	2.10	-	27.25	3.91	-
PK	2.4842G	65.70	74.00	-8.30	34.52	3	Vertical	71	2.10	-	27.27	3.91	-
AV	2.4835G	52.55	54.00	-1.45	21.37	3	Vertical	71	2.10	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

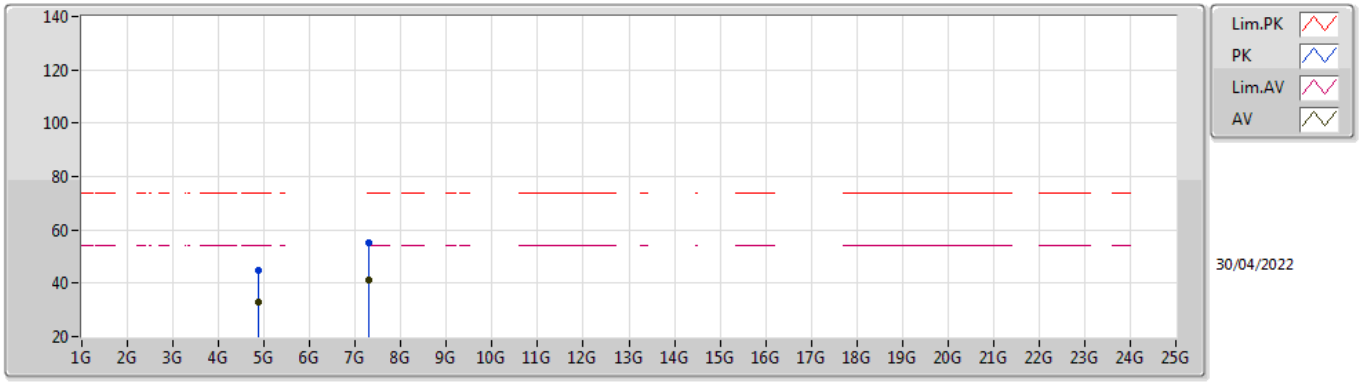


EUT Y_1TX
Setting 24.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	58.49	74.00	-15.51	27.11	3	Horizontal	338	1.24	-	27.49	3.89	-
AV	2.3898G	46.70	54.00	-7.30	15.33	3	Horizontal	338	1.24	-	27.48	3.89	-
PK	2.4378G	109.11	Inf	-Inf	77.95	3	Horizontal	338	1.24	-	27.25	3.91	-
AV	2.4378G	99.42	Inf	-Inf	68.26	3	Horizontal	338	1.24	-	27.25	3.91	-
PK	2.4842G	55.30	74.00	-18.70	24.12	3	Horizontal	338	1.24	-	27.27	3.91	-
AV	2.4835G	44.21	54.00	-9.79	13.03	3	Horizontal	338	1.24	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

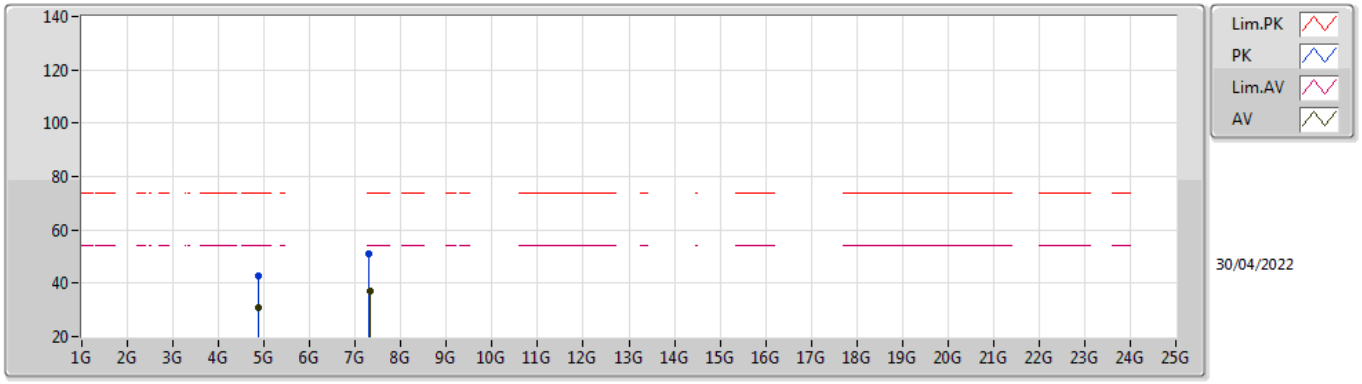


EUT Y_1TX
Setting 24.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86732G	44.66	74.00	-29.34	51.45	3	Vertical	171	1.86	-	31.03	5.38	43.20
AV	4.8738G	32.69	54.00	-21.31	39.45	3	Vertical	171	1.86	-	31.05	5.39	43.20
PK	7.30568G	55.27	74.00	-18.73	54.22	3	Vertical	337	1.75	-	36.38	6.69	42.02
AV	7.31016G	41.14	54.00	-12.86	40.10	3	Vertical	337	1.75	-	36.36	6.70	42.02

802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

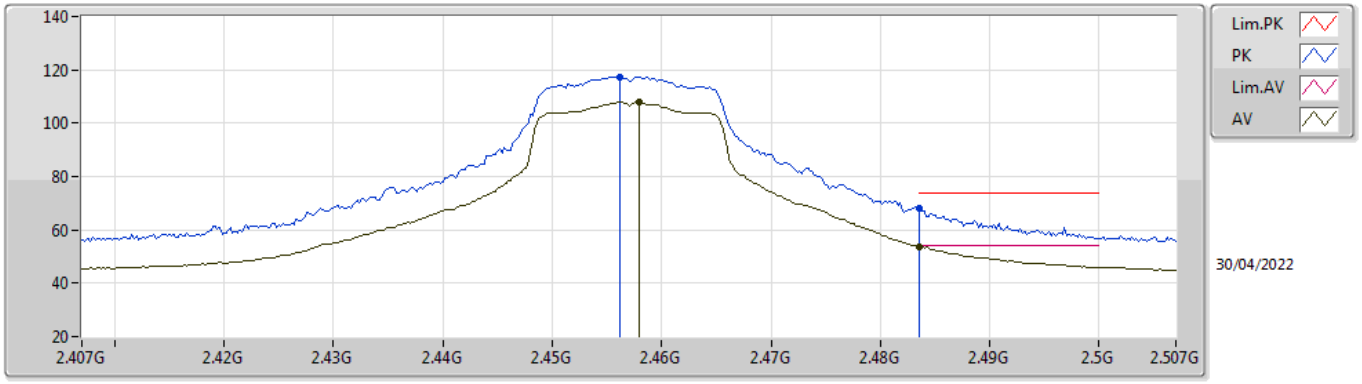


EUT Y_1TX
Setting 24.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86804G	42.74	74.00	-31.26	49.52	3	Horizontal	335	1.78	-	31.04	5.38	43.20
AV	4.874G	30.75	54.00	-23.25	37.51	3	Horizontal	335	1.78	-	31.05	5.39	43.20
PK	7.30596G	50.82	74.00	-23.18	49.77	3	Horizontal	214	1.83	-	36.38	6.69	42.02
AV	7.31092G	37.07	54.00	-16.93	36.03	3	Horizontal	214	1.83	-	36.36	6.70	42.02

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

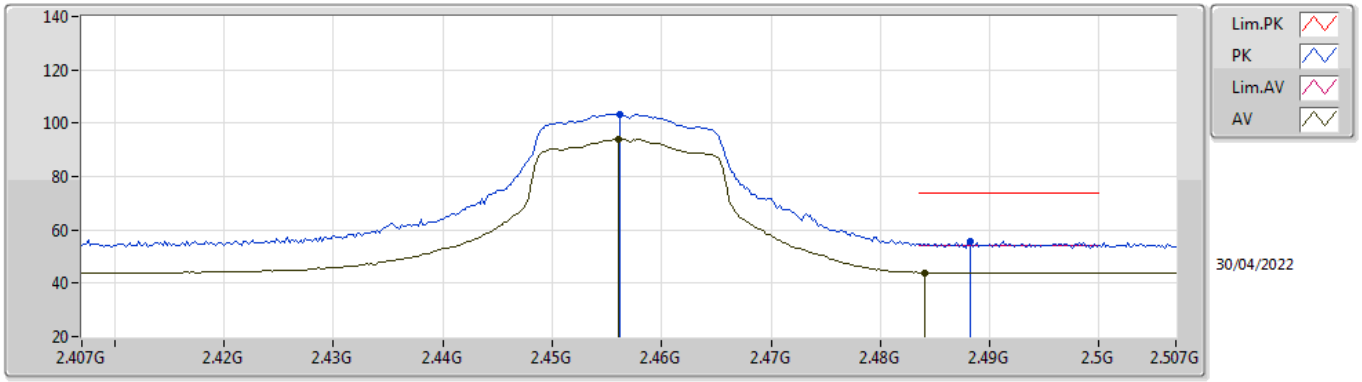


EUT Y_1TX
Setting 22
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4562G	117.50	Inf	-Inf	86.38	3	Vertical	64	2.28	-	27.21	3.91	-
AV	2.458G	107.89	Inf	-Inf	76.76	3	Vertical	64	2.28	-	27.22	3.91	-
PK	2.4835G	68.00	74.00	-6.00	36.82	3	Vertical	64	2.28	-	27.27	3.91	-
AV	2.4835G	53.75	54.00	-0.25	22.57	3	Vertical	64	2.28	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_1TX

2457MHz_TX

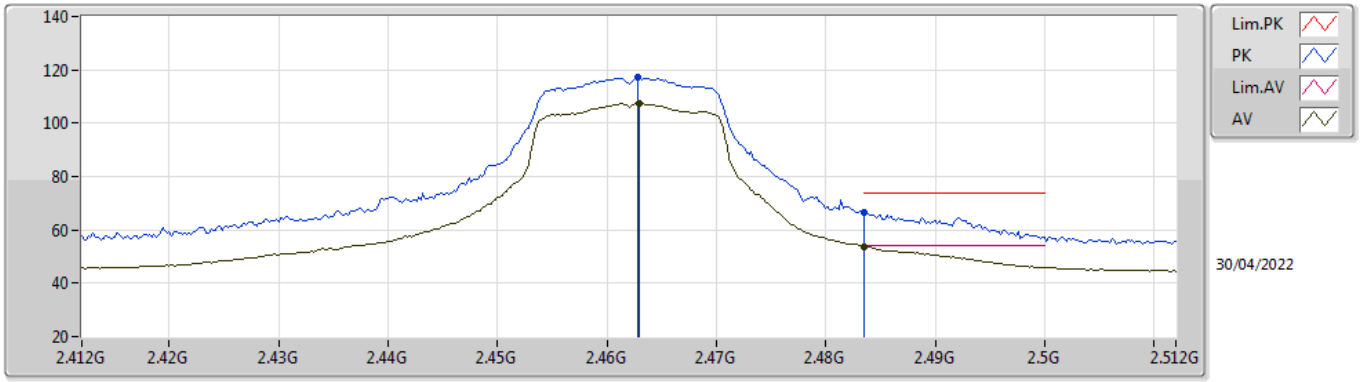


EUT Y_1TX
Setting 22
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4562G	103.53	Inf	-Inf	72.41	3	Horizontal	194	1.67	-	27.21	3.91	-
AV	2.456G	94.14	Inf	-Inf	63.02	3	Horizontal	194	1.67	-	27.21	3.91	-
PK	2.4882G	55.56	74.00	-18.44	24.37	3	Horizontal	194	1.67	-	27.28	3.91	-
AV	2.484G	44.05	54.00	-9.95	12.87	3	Horizontal	194	1.67	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

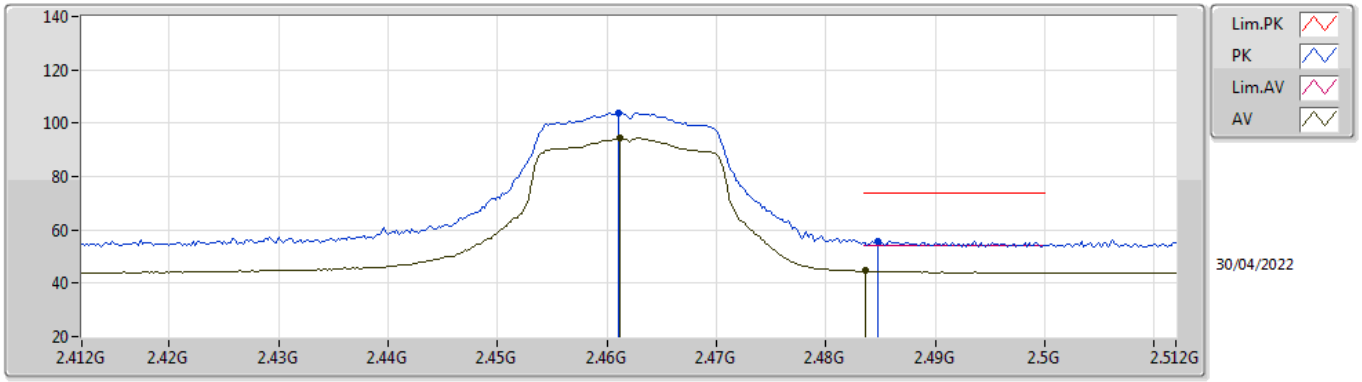


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4628G	117.16	Inf	-Inf	86.02	3	Vertical	48	2.11	-	27.23	3.91	-
AV	2.463G	107.40	Inf	-Inf	76.26	3	Vertical	48	2.11	-	27.23	3.91	-
PK	2.4835G	66.32	74.00	-7.68	35.14	3	Vertical	48	2.11	-	27.27	3.91	-
AV	2.4835G	53.75	54.00	-0.25	22.57	3	Vertical	48	2.11	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

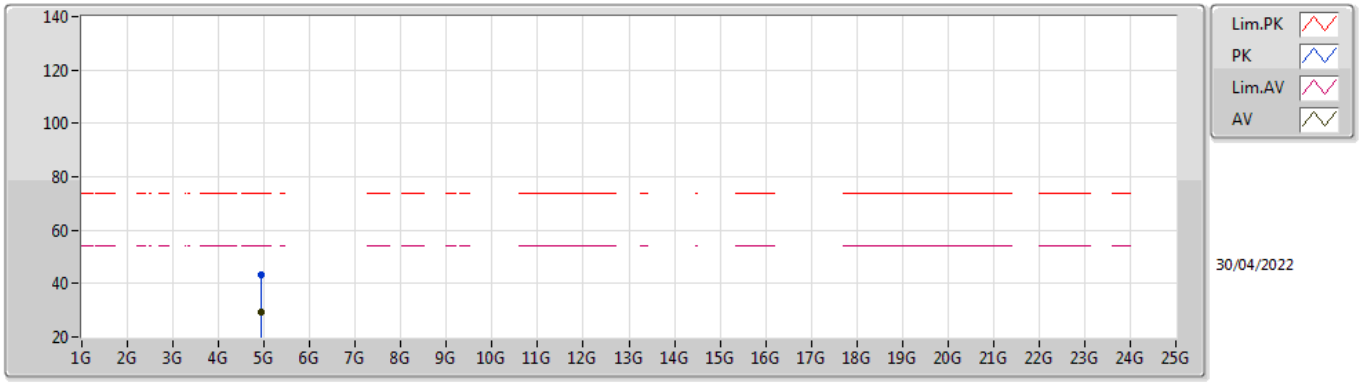


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	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	103.90	Inf	-Inf	72.77	3	Horizontal	324	1.16	-	27.22	3.91	-
AV	2.4612G	94.33	Inf	-Inf	63.20	3	Horizontal	324	1.16	-	27.22	3.91	-
PK	2.4848G	55.87	74.00	-18.13	24.69	3	Horizontal	324	1.16	-	27.27	3.91	-
AV	2.4836G	44.57	54.00	-9.43	13.39	3	Horizontal	324	1.16	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

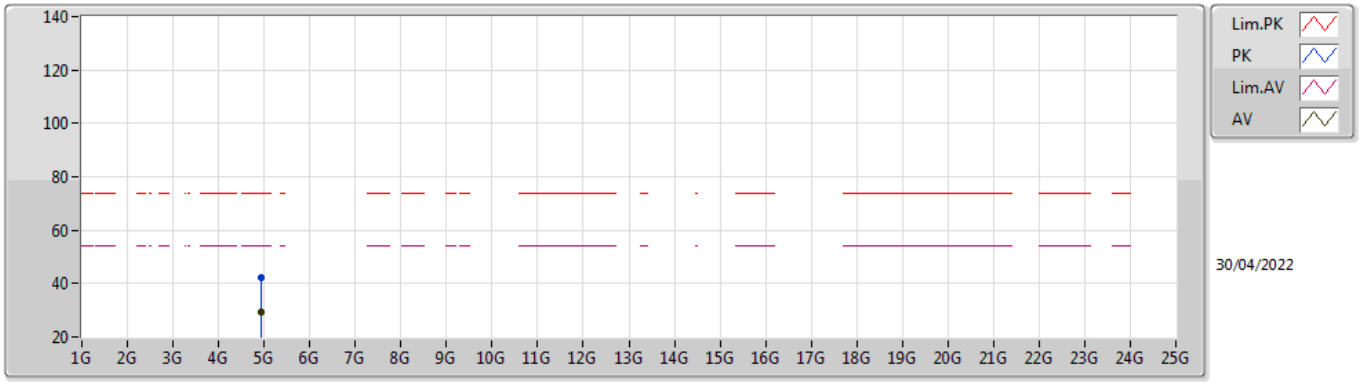


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92378G	43.17	74.00	-30.83	49.75	3	Vertical	161	1.21	-	31.20	5.40	43.18
AV	4.92538G	29.49	54.00	-24.51	36.07	3	Vertical	161	1.21	-	31.20	5.40	43.18

802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

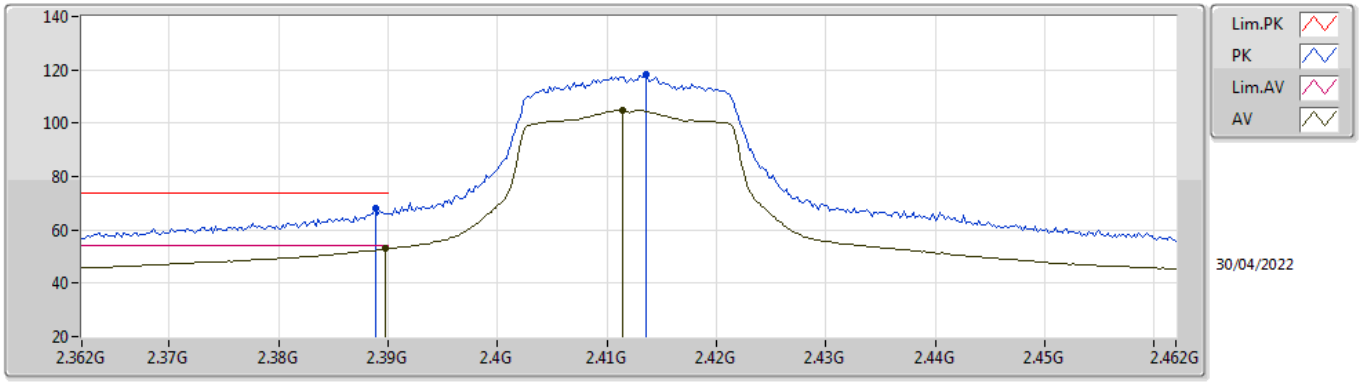


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92106G	42.41	74.00	-31.59	49.01	3	Horizontal	31	2.99	-	31.18	5.40	43.18
AV	4.9202G	29.43	54.00	-24.57	36.03	3	Horizontal	31	2.99	-	31.18	5.40	43.18

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

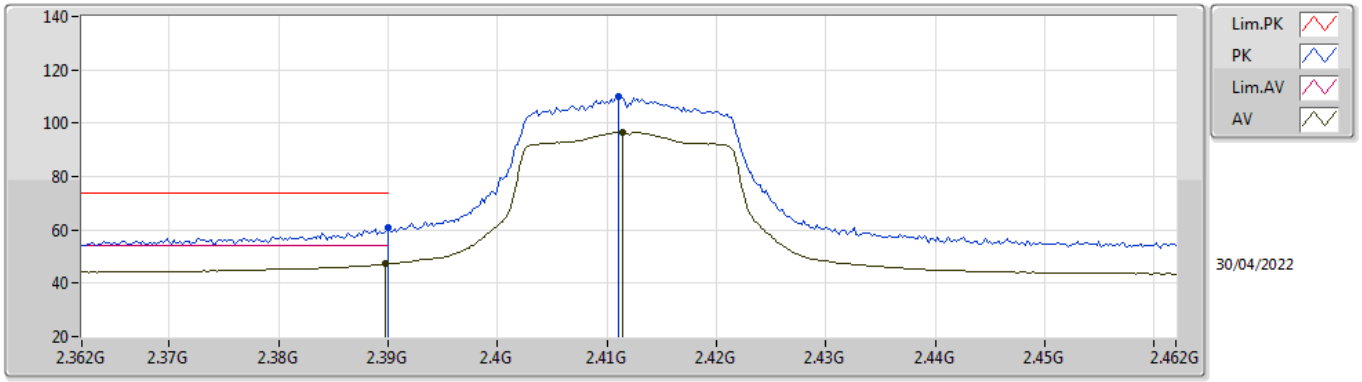


EUT Y_1TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	68.35	74.00	-5.65	36.97	3	Vertical	61	2.62	-	27.49	3.89	-
AV	2.3898G	53.05	54.00	-0.95	21.68	3	Vertical	61	2.62	-	27.48	3.89	-
PK	2.4136G	118.04	Inf	-Inf	86.79	3	Vertical	61	2.62	-	27.35	3.90	-
AV	2.4114G	104.76	Inf	-Inf	73.51	3	Vertical	61	2.62	-	27.35	3.90	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

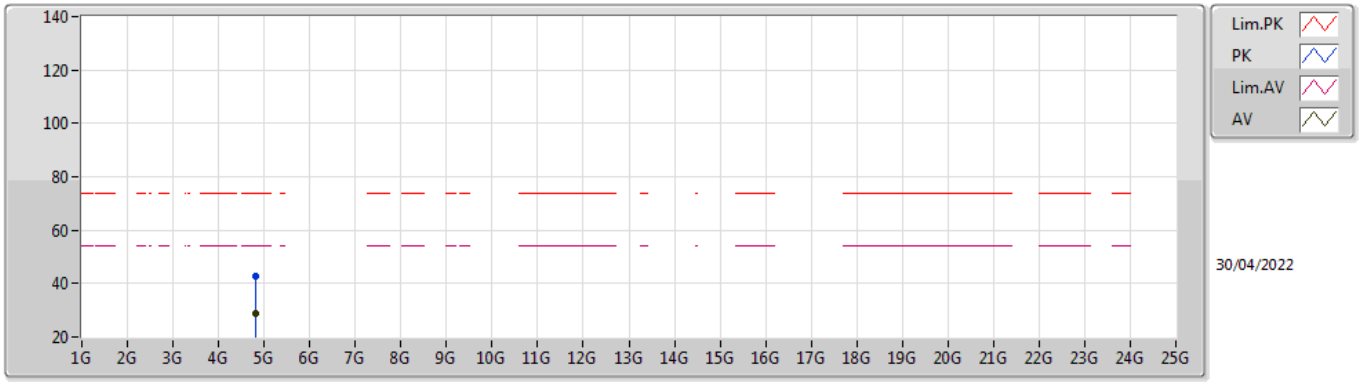


EUT Y_1TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	60.74	74.00	-13.26	29.37	3	Horizontal	323	1.08	-	27.48	3.89	-
AV	2.3898G	47.25	54.00	-6.75	15.88	3	Horizontal	323	1.08	-	27.48	3.89	-
PK	2.411G	110.22	Inf	-Inf	78.96	3	Horizontal	323	1.08	-	27.36	3.90	-
AV	2.4114G	96.58	Inf	-Inf	65.33	3	Horizontal	323	1.08	-	27.35	3.90	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

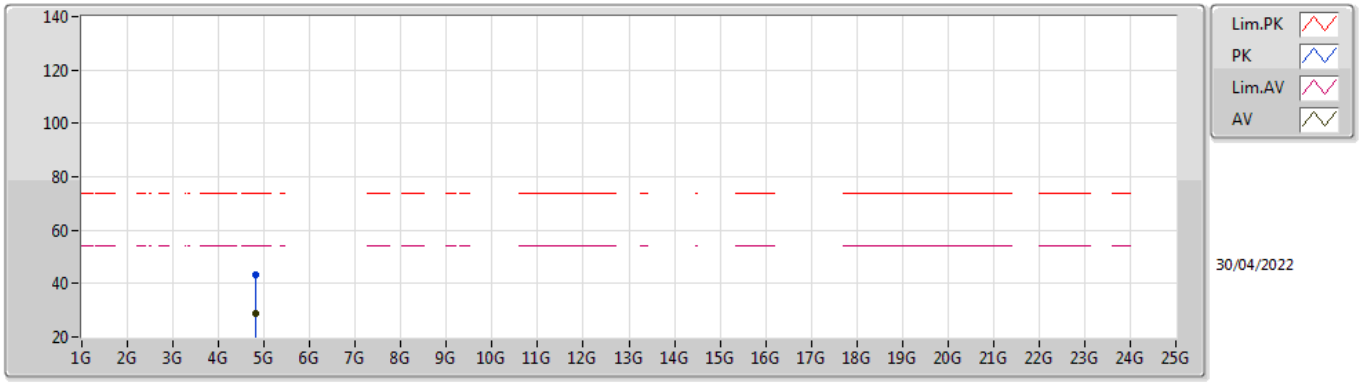


EUT Y_1TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8232G	42.57	74.00	-31.43	49.37	3	Vertical	59	1.33	-	31.05	5.37	43.22
AV	4.82014G	28.70	54.00	-25.30	35.49	3	Vertical	59	1.33	-	31.06	5.37	43.22

802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

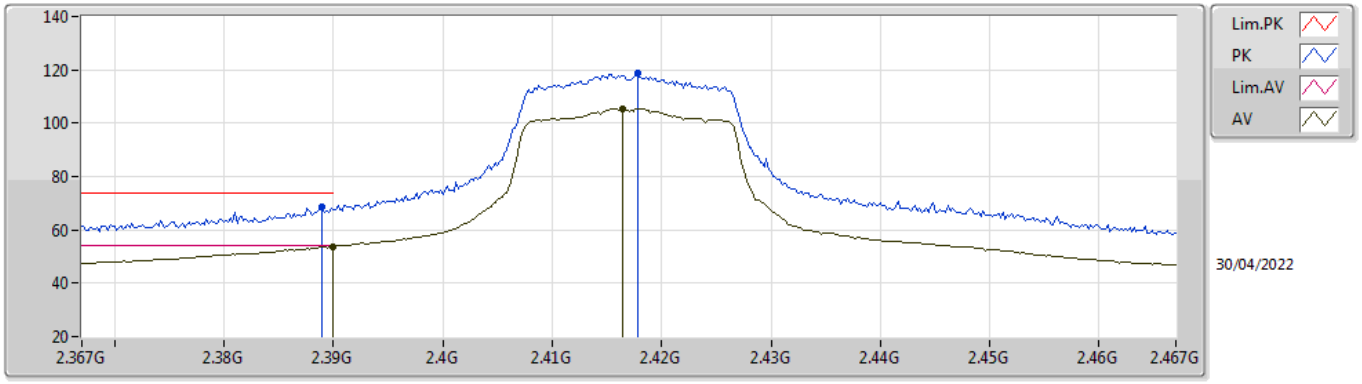


EUT Y_1TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8258G	43.31	74.00	-30.69	50.11	3	Horizontal	165	1.64	-	31.05	5.37	43.22
AV	4.82222G	28.68	54.00	-25.32	35.47	3	Horizontal	165	1.64	-	31.06	5.37	43.22

802.11ax HEW20_Nss1,(MCS0)_1TX

2417MHz_TX

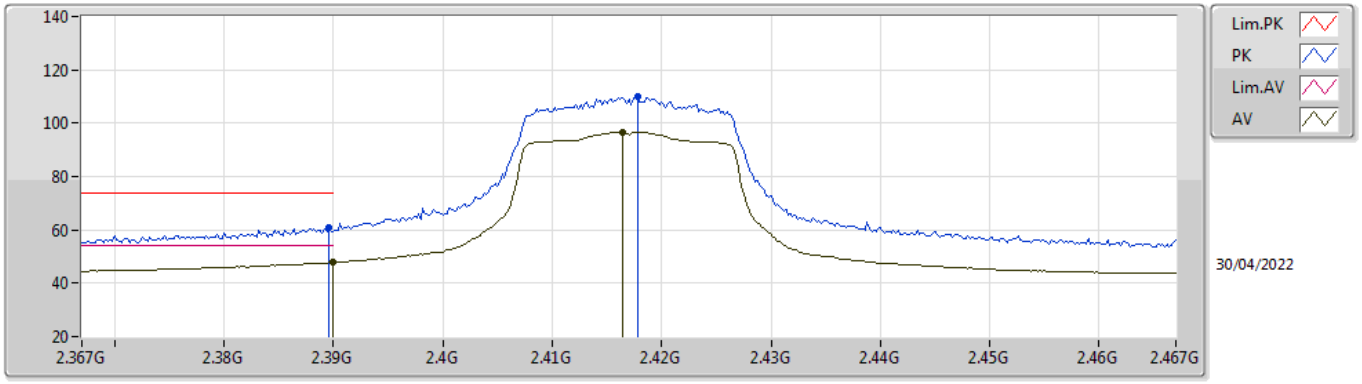


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	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	68.67	74.00	-5.33	37.29	3	Vertical	62	2.37	-	27.49	3.89	-
AV	2.39G	53.83	54.00	-0.17	22.46	3	Vertical	62	2.37	-	27.48	3.89	-
PK	2.4178G	118.57	Inf	-Inf	87.34	3	Vertical	62	2.37	-	27.33	3.90	-
AV	2.4164G	105.48	Inf	-Inf	74.25	3	Vertical	62	2.37	-	27.33	3.90	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2417MHz_TX

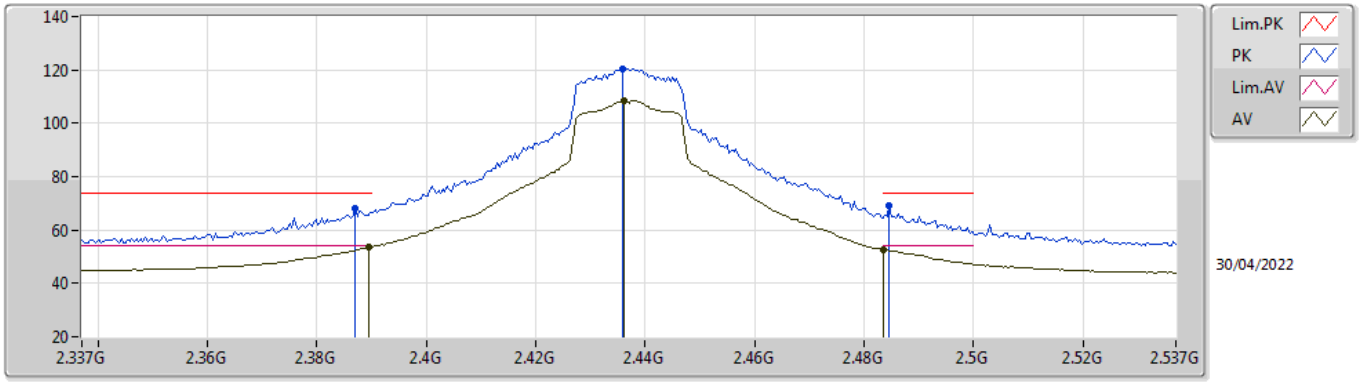


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	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	61.08	74.00	-12.92	29.71	3	Horizontal	325	1.08	-	27.48	3.89	-
AV	2.39G	47.82	54.00	-6.18	16.45	3	Horizontal	325	1.08	-	27.48	3.89	-
PK	2.4178G	109.83	Inf	-Inf	78.60	3	Horizontal	325	1.08	-	27.33	3.90	-
AV	2.4164G	96.69	Inf	-Inf	65.46	3	Horizontal	325	1.08	-	27.33	3.90	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

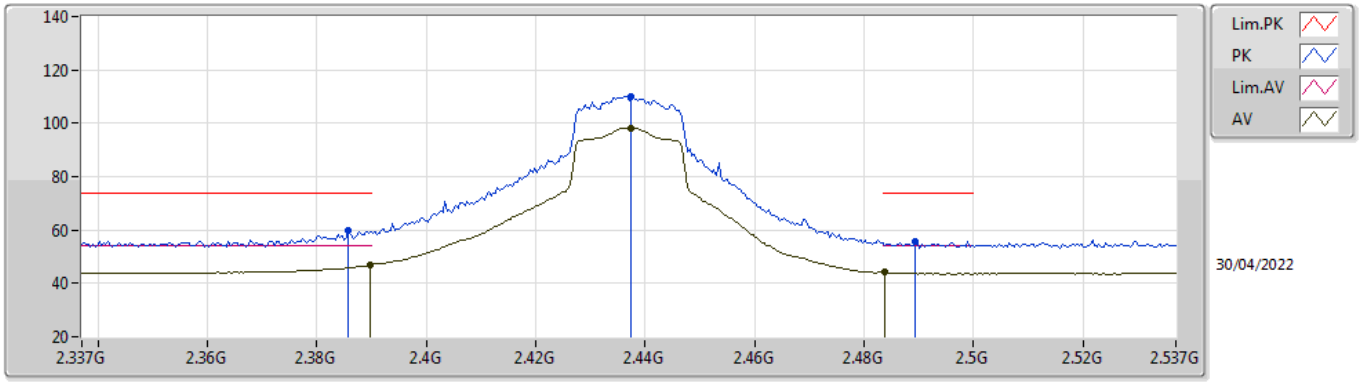


EUT Y_1TX
Setting 24.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	67.92	74.00	-6.08	36.54	3	Vertical	54	2.11	-	27.50	3.88	-
AV	2.3894G	53.58	54.00	-0.42	22.21	3	Vertical	54	2.11	-	27.48	3.89	-
PK	2.4358G	120.45	Inf	-Inf	89.28	3	Vertical	54	2.11	-	27.26	3.91	-
AV	2.4362G	108.29	Inf	-Inf	77.12	3	Vertical	54	2.11	-	27.26	3.91	-
PK	2.4846G	69.09	74.00	-4.91	37.91	3	Vertical	54	2.11	-	27.27	3.91	-
AV	2.4835G	52.62	54.00	-1.38	21.44	3	Vertical	54	2.11	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

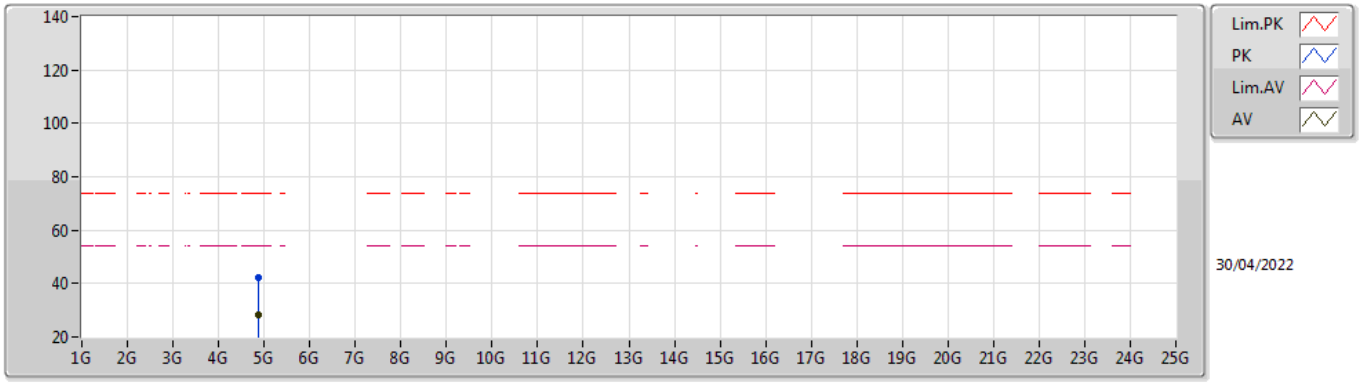


EUT Y_1TX
Setting 24.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3858G	60.08	74.00	-13.92	28.69	3	Horizontal	337	1.24	-	27.51	3.88	-
AV	2.3898G	46.77	54.00	-7.23	15.40	3	Horizontal	337	1.24	-	27.48	3.89	-
PK	2.4374G	110.16	Inf	-Inf	79.00	3	Horizontal	337	1.24	-	27.25	3.91	-
AV	2.4374G	98.31	Inf	-Inf	67.15	3	Horizontal	337	1.24	-	27.25	3.91	-
PK	2.4894G	55.58	74.00	-18.42	24.39	3	Horizontal	337	1.24	-	27.28	3.91	-
AV	2.4838G	44.06	54.00	-9.94	12.88	3	Horizontal	337	1.24	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

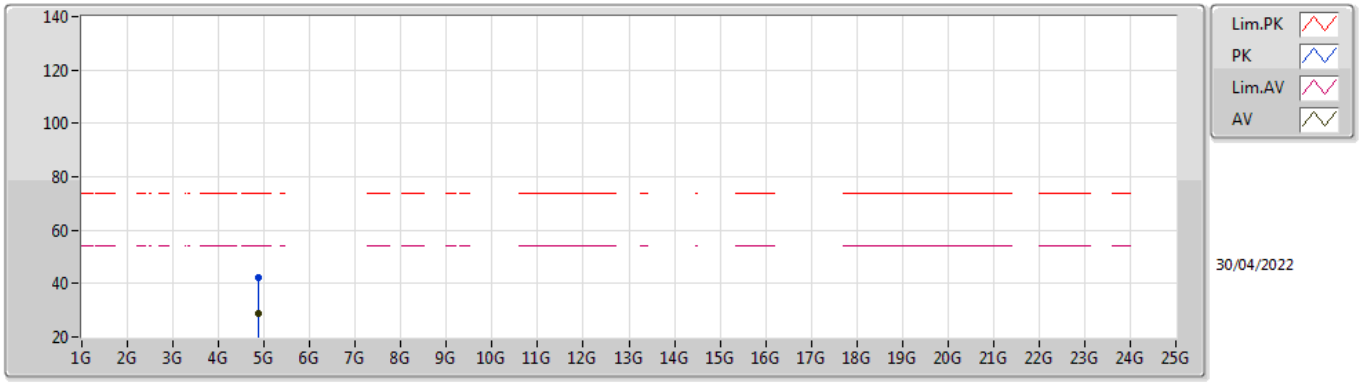


EUT Y_1TX
Setting 24.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87058G	42.45	74.00	-31.55	49.23	3	Vertical	188	1.10	-	31.04	5.38	43.20
AV	4.87128G	28.51	54.00	-25.49	35.29	3	Vertical	188	1.10	-	31.04	5.38	43.20

802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

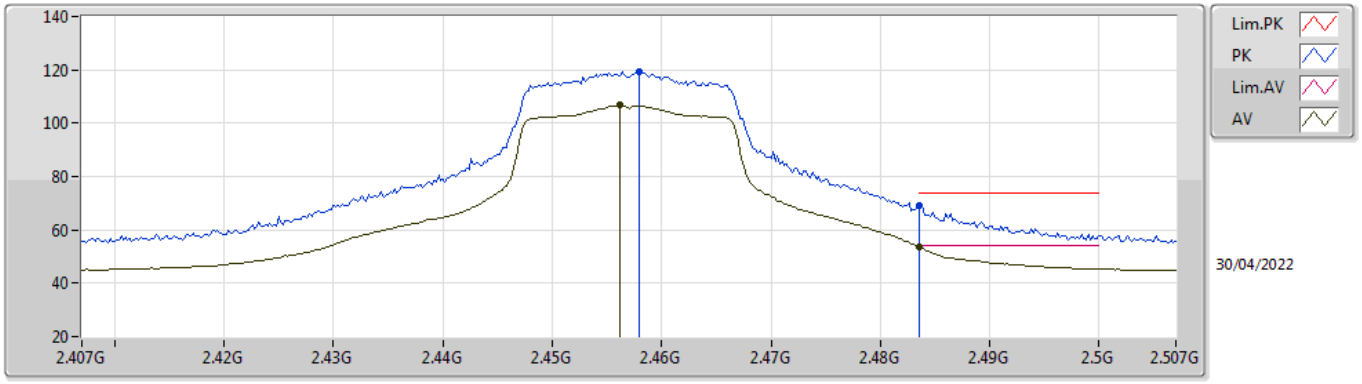


EUT Y_1TX
Setting 24.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.872G	42.03	74.00	-31.97	48.80	3	Horizontal	273	2.58	-	31.04	5.39	43.20
AV	4.8737G	28.59	54.00	-25.41	35.35	3	Horizontal	273	2.58	-	31.05	5.39	43.20

802.11ax HEW20_Nss1,(MCS0)_1TX

2457MHz_TX

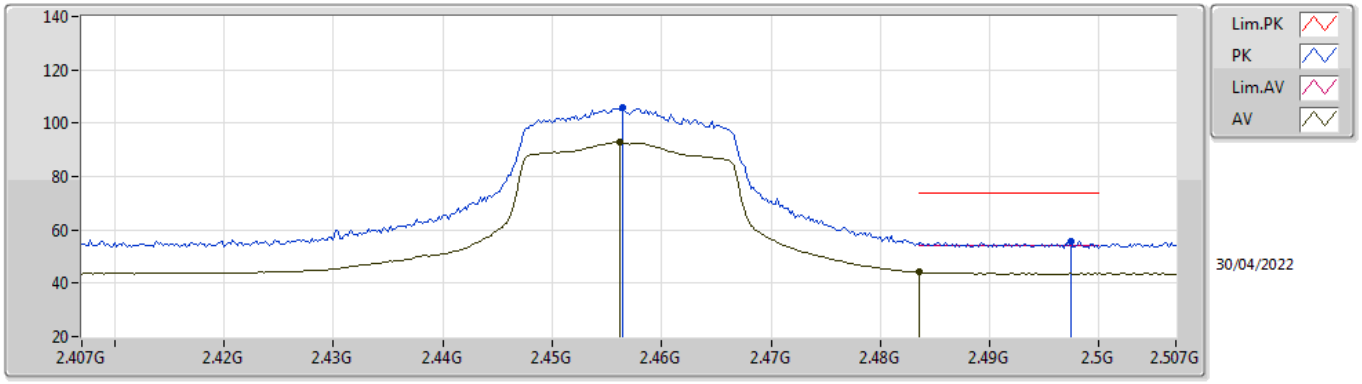


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.458G	119.35	Inf	-Inf	88.22	3	Vertical	47	2.06	-	27.22	3.91	-
AV	2.4562G	106.65	Inf	-Inf	75.53	3	Vertical	47	2.06	-	27.21	3.91	-
PK	2.4836G	68.99	74.00	-5.01	37.81	3	Vertical	47	2.06	-	27.27	3.91	-
AV	2.4835G	53.69	54.00	-0.31	22.51	3	Vertical	47	2.06	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2457MHz_TX

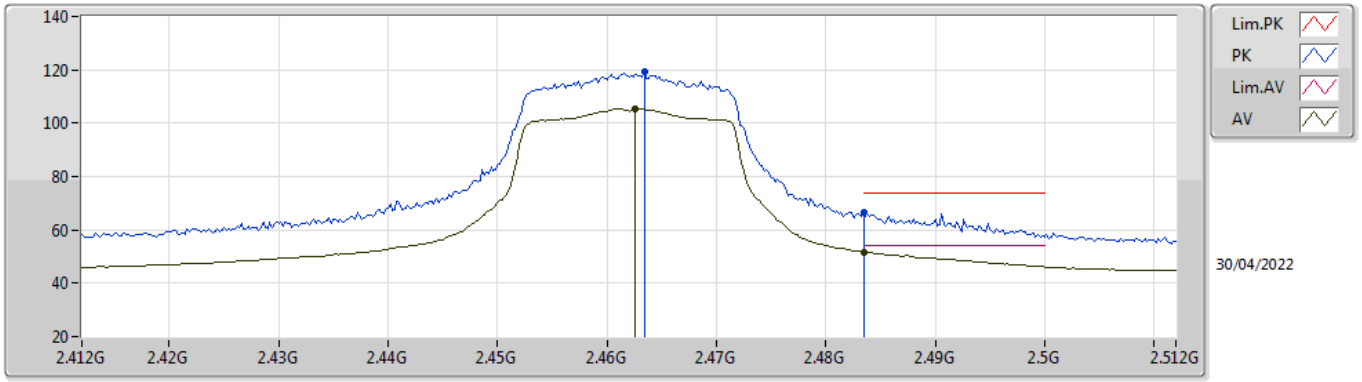


EUT Y_1TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4564G	105.65	Inf	-Inf	74.53	3	Horizontal	192	1.67	-	27.21	3.91	-
AV	2.4562G	92.80	Inf	-Inf	61.68	3	Horizontal	192	1.67	-	27.21	3.91	-
PK	2.4974G	55.80	74.00	-18.20	24.60	3	Horizontal	192	1.67	-	27.29	3.91	-
AV	2.4836G	44.11	54.00	-9.89	12.93	3	Horizontal	192	1.67	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

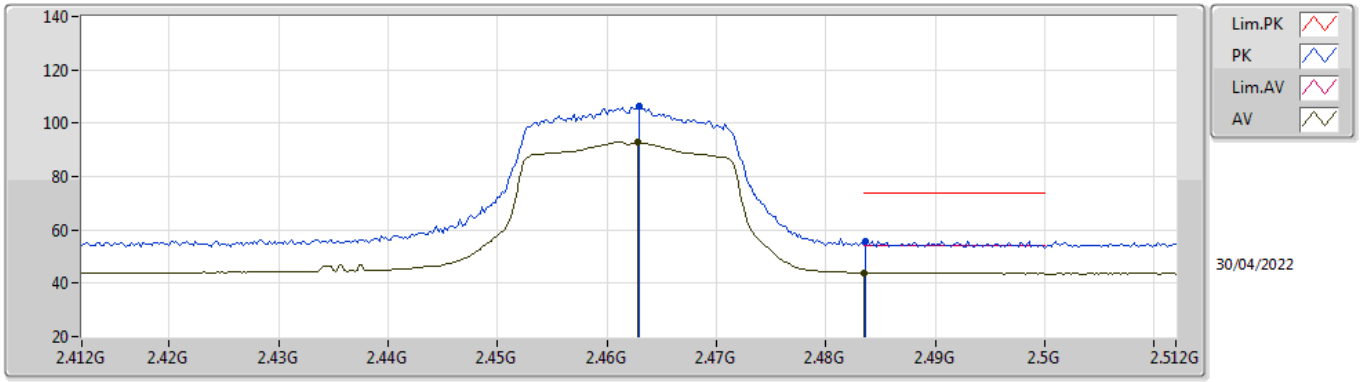


EUT Y_1TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4634G	119.11	Inf	-Inf	87.97	3	Vertical	55	1.93	-	27.23	3.91	-
AV	2.4626G	105.44	Inf	-Inf	74.30	3	Vertical	55	1.93	-	27.23	3.91	-
PK	2.4835G	66.73	74.00	-7.27	35.55	3	Vertical	55	1.93	-	27.27	3.91	-
AV	2.4835G	51.70	54.00	-2.30	20.52	3	Vertical	55	1.93	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

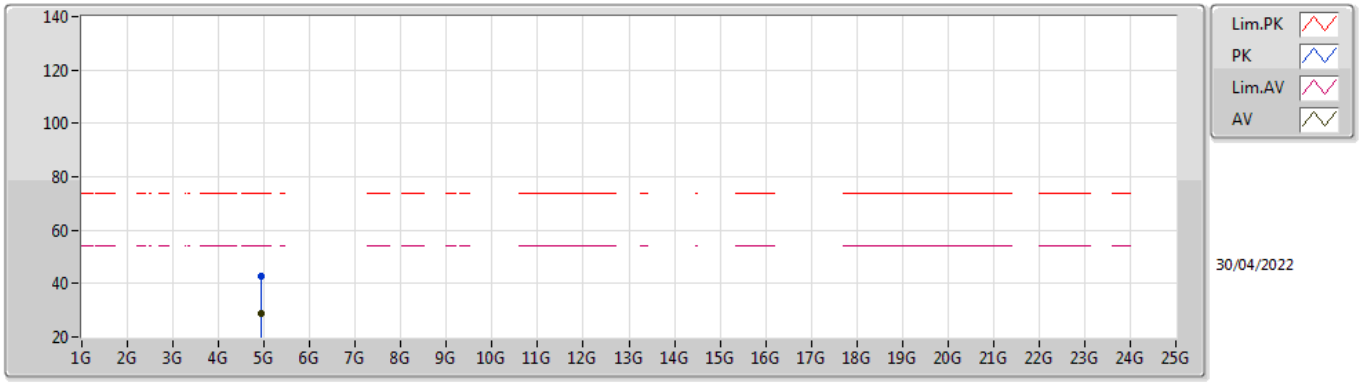


EUT Y_1TX
Setting 21
06-F-S-5

Type	Freq	Level	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	106.14	Inf	-Inf	75.00	3	Horizontal	340	1.15	-	27.23	3.91	-
AV	2.4628G	92.83	Inf	-Inf	61.69	3	Horizontal	340	1.15	-	27.23	3.91	-
PK	2.4836G	55.84	74.00	-18.16	24.66	3	Horizontal	340	1.15	-	27.27	3.91	-
AV	2.4835G	43.98	54.00	-10.02	12.80	3	Horizontal	340	1.15	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

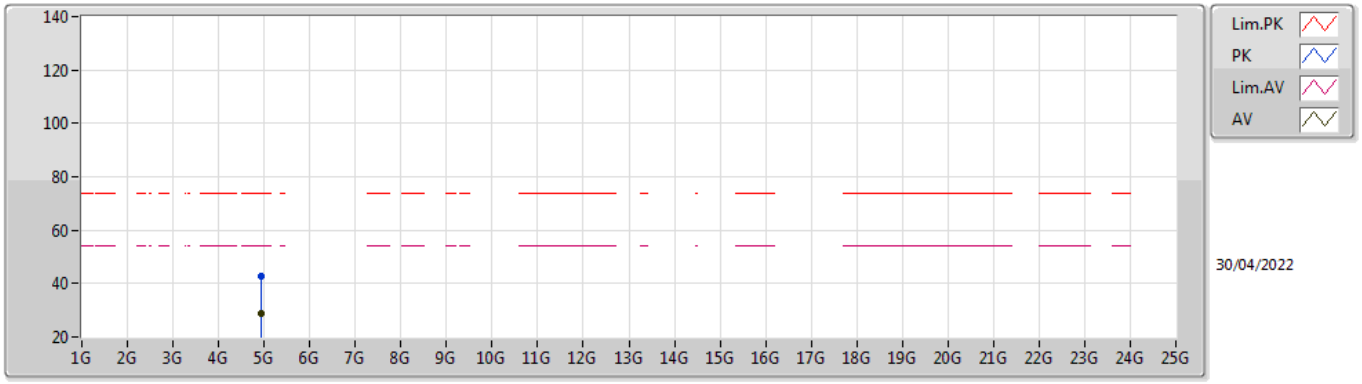


EUT Y_1TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92692G	42.81	74.00	-31.19	49.38	3	Vertical	350	2.99	-	31.21	5.40	43.18
AV	4.9258G	28.95	54.00	-25.05	35.53	3	Vertical	350	2.99	-	31.20	5.40	43.18

802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT Y_1TX
Setting 21
06-F-S-5

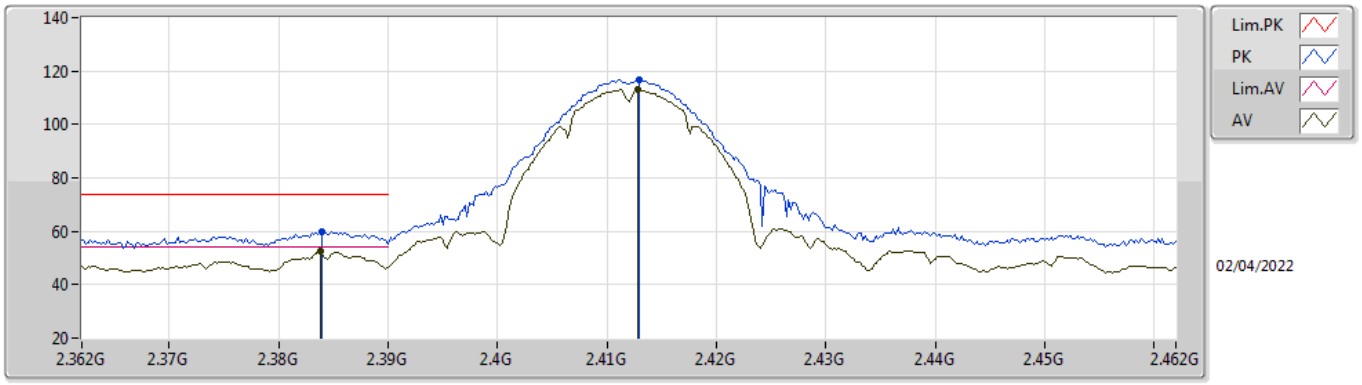
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92322G	42.67	74.00	-31.33	49.26	3	Horizontal	295	1.74	-	31.19	5.40	43.18
AV	4.92546G	28.98	54.00	-25.02	35.56	3	Horizontal	295	1.74	-	31.20	5.40	43.18

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	2.3898G	53.88	54.00	-0.12	3	Vertical	8	1.45	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

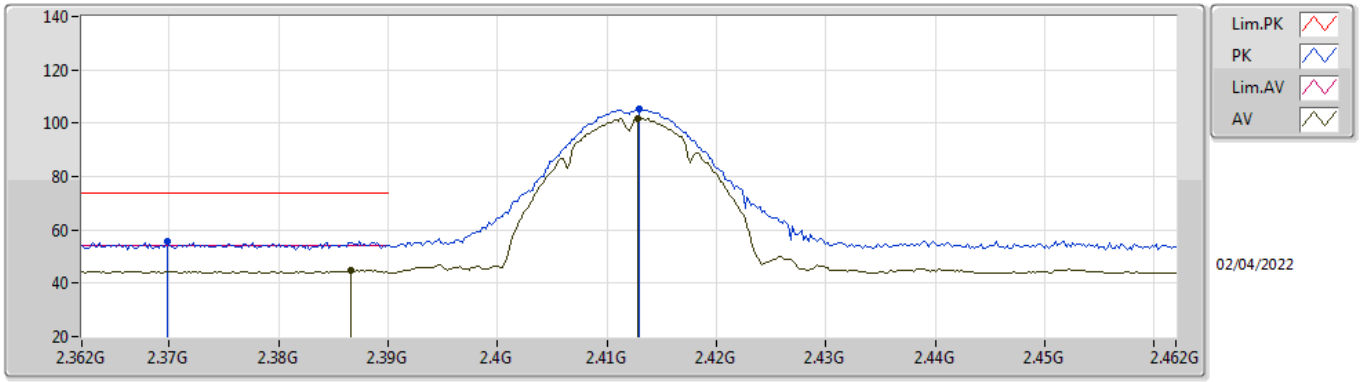


EUT Y_2TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.384G	59.82	74.00	-14.18	28.41	3	Vertical	21	1.51	-	27.53	3.88	-
AV	2.3838G	52.45	54.00	-1.55	21.04	3	Vertical	21	1.51	-	27.53	3.88	-
PK	2.413G	116.91	Inf	-Inf	85.66	3	Vertical	21	1.51	-	27.35	3.90	-
AV	2.4128G	112.98	Inf	-Inf	81.73	3	Vertical	21	1.51	-	27.35	3.90	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

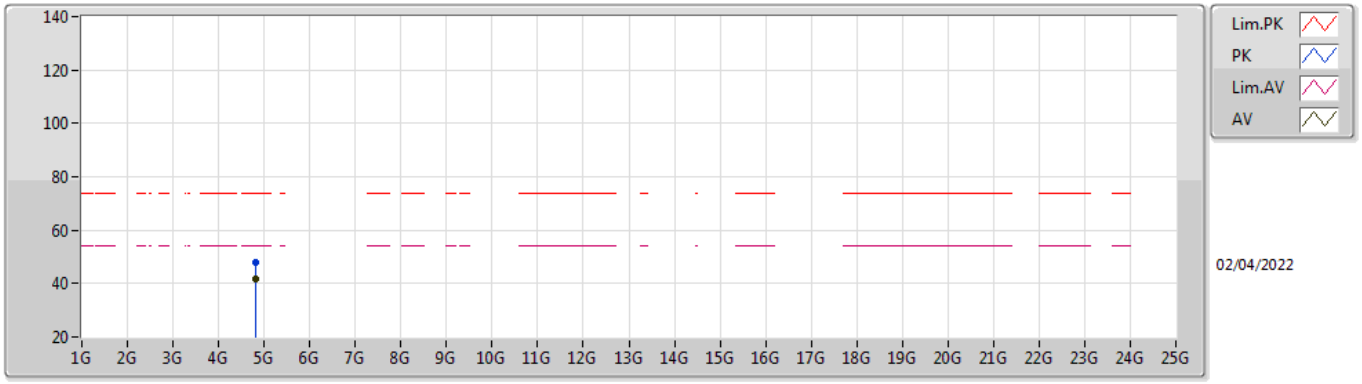


EUT Y_2TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3698G	55.72	74.00	-18.28	24.22	3	Horizontal	155	1.55	-	27.64	3.86	-
AV	2.3866G	45.02	54.00	-8.98	13.63	3	Horizontal	155	1.55	-	27.51	3.88	-
PK	2.413G	105.54	Inf	-Inf	74.29	3	Horizontal	155	1.55	-	27.35	3.90	-
AV	2.4128G	101.89	Inf	-Inf	70.64	3	Horizontal	155	1.55	-	27.35	3.90	-

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

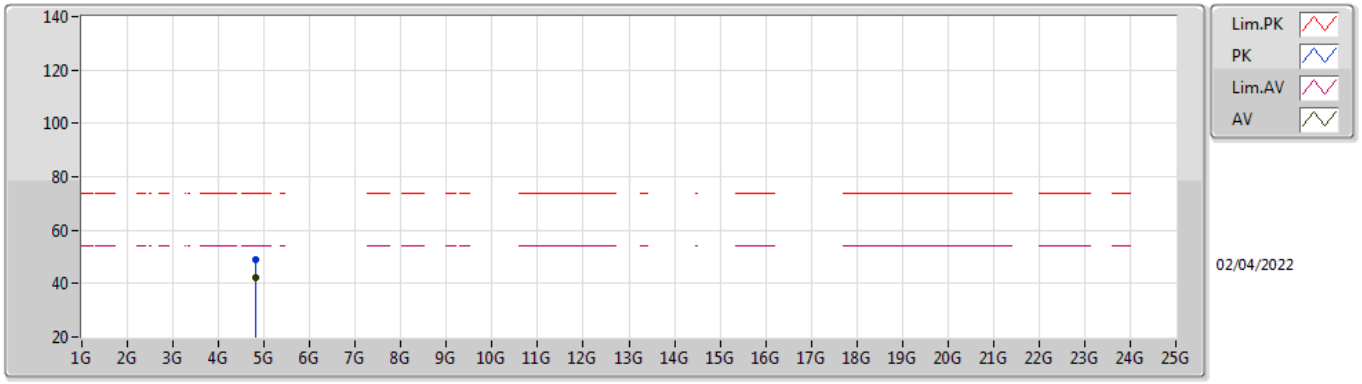


EUT Y_2TX
Setting 22.5
06-F-S-5

Type	Freq	Level	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	47.70	74.00	-26.30	43.34	3	Vertical	243.8	2.44	-	31.05	5.37	32.06
AV	4.82396G	41.84	54.00	-12.16	37.48	3	Vertical	243.8	2.44	-	31.05	5.37	32.06

802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

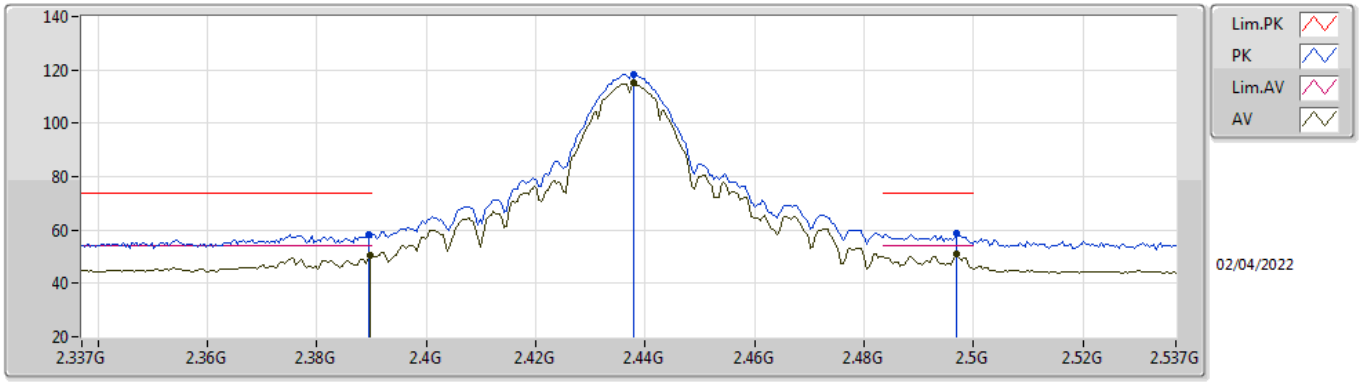


EUT Y_2TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82389G	48.72	74.00	-25.28	44.36	3	Horizontal	243	2.43	-	31.05	5.37	32.06
AV	4.82389G	42.25	54.00	-11.75	37.89	3	Horizontal	243	2.43	-	31.05	5.37	32.06

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

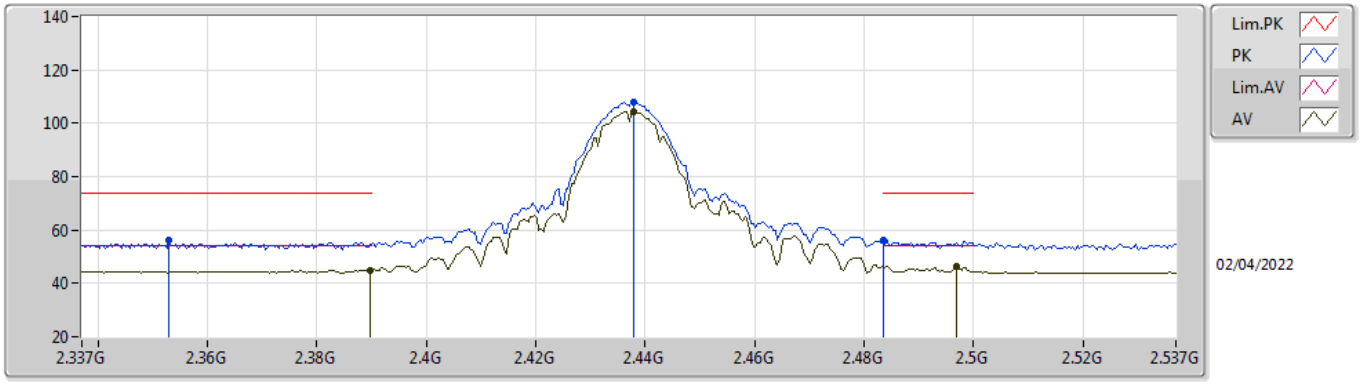


EUT Y_2TX
Setting 25
06-F-S-5

Type	Freq	Level	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	58.20	74.00	-15.80	26.83	3	Vertical	22	1.57	-	27.48	3.89	-
AV	2.3898G	50.49	54.00	-3.51	19.12	3	Vertical	22	1.57	-	27.48	3.89	-
PK	2.4378G	118.45	Inf	-Inf	87.29	3	Vertical	22	1.57	-	27.25	3.91	-
AV	2.4378G	114.99	Inf	-Inf	83.83	3	Vertical	22	1.57	-	27.25	3.91	-
PK	2.497G	58.80	74.00	-15.20	27.60	3	Vertical	22	1.57	-	27.29	3.91	-
AV	2.497G	50.92	54.00	-3.08	19.72	3	Vertical	22	1.57	-	27.29	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

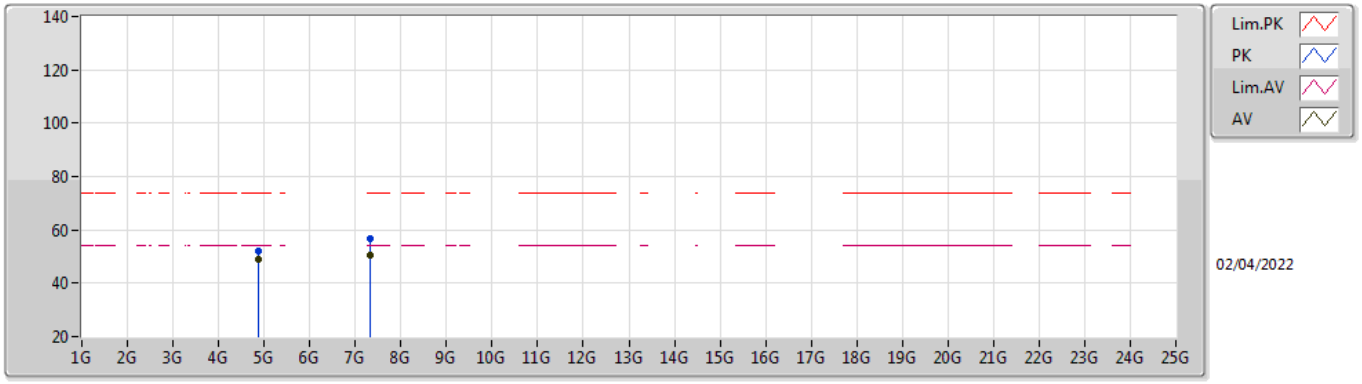


EUT Y_2TX
Setting 25
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.353G	56.32	74.00	-17.68	24.70	3	Horizontal	157	1.57	-	27.78	3.84	-
AV	2.3898G	45.01	54.00	-8.99	13.64	3	Horizontal	157	1.57	-	27.48	3.89	-
PK	2.4378G	108.06	Inf	-Inf	76.90	3	Horizontal	157	1.57	-	27.25	3.91	-
AV	2.4378G	104.43	Inf	-Inf	73.27	3	Horizontal	157	1.57	-	27.25	3.91	-
PK	2.4835G	56.29	74.00	-17.71	25.11	3	Horizontal	157	1.57	-	27.27	3.91	-
AV	2.497G	46.41	54.00	-7.59	15.21	3	Horizontal	157	1.57	-	27.29	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

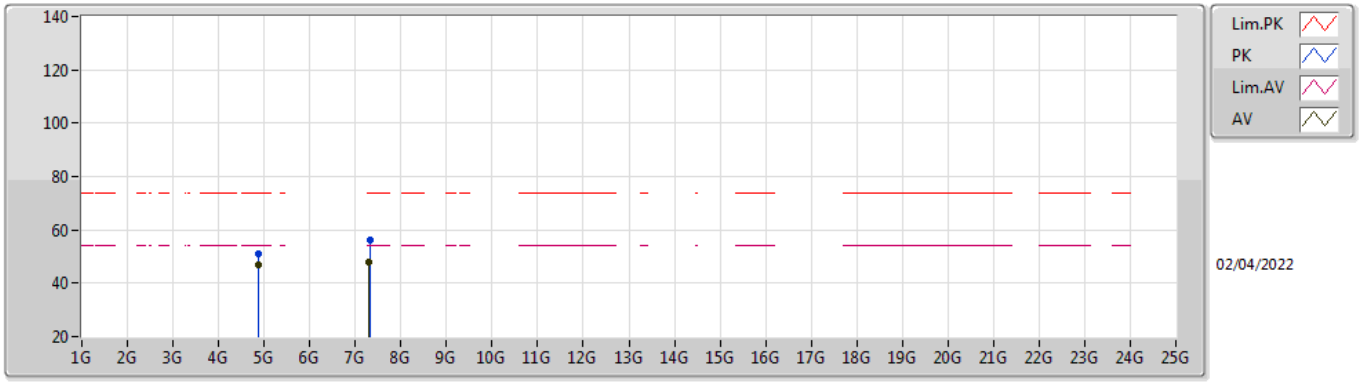


EUT Y_2TX
Setting 25
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87396G	52.07	74.00	-21.93	47.65	3	Vertical	172	1.72	-	31.05	5.39	32.02
AV	4.87396G	48.80	54.00	-5.20	44.38	3	Vertical	172	1.72	-	31.05	5.39	32.02
PK	7.31028G	56.89	74.00	-17.11	47.30	3	Vertical	11	1.55	-	36.36	6.70	33.47
AV	7.31024G	50.45	54.00	-3.55	40.86	3	Vertical	11	1.55	-	36.36	6.70	33.47

802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

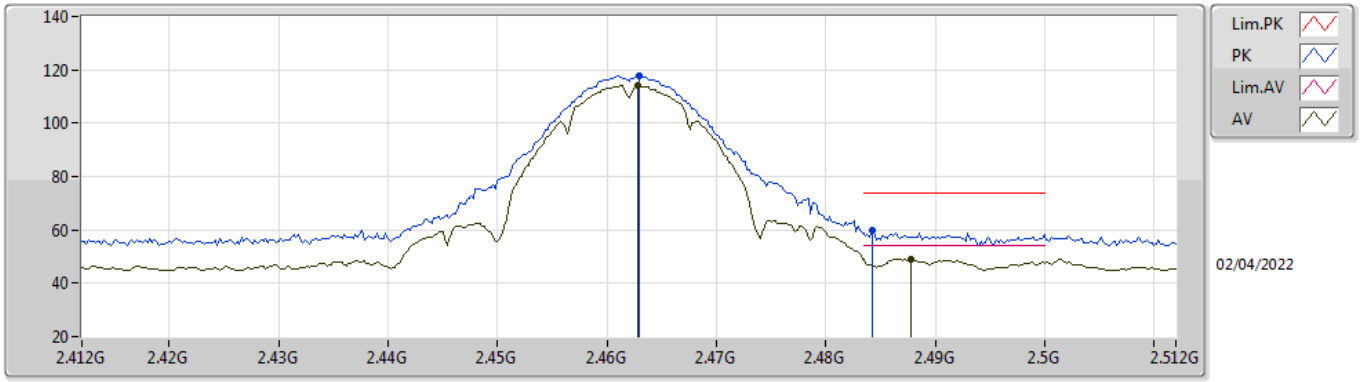


EUT Y_2TX
Setting 25
06-F-S-5

Type	Freq	Level	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	50.95	74.00	-23.05	46.53	3	Horizontal	247	2.47	-	31.05	5.39	32.02
AV	4.87398G	47.10	54.00	-6.90	42.68	3	Horizontal	247	2.47	-	31.05	5.39	32.02
PK	7.31052G	56.09	74.00	-17.91	46.50	3	Horizontal	8	1.58	-	36.36	6.70	33.47
AV	7.3102G	47.99	54.00	-6.01	38.40	3	Horizontal	8	1.58	-	36.36	6.70	33.47

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

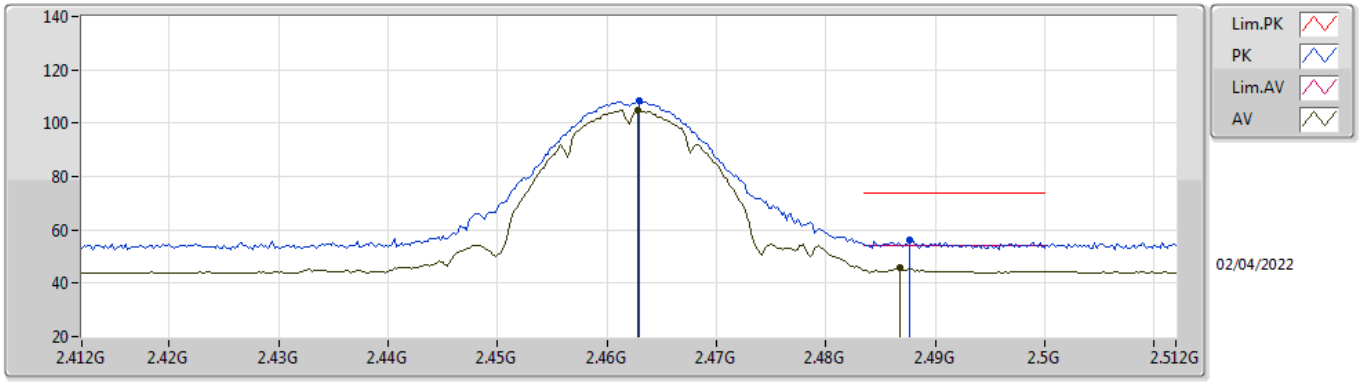


EUT Y_2TX
Setting 22.5
06-F-S-5

Type	Freq	Level	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	117.86	Inf	-Inf	86.72	3	Vertical	293	2.93	-	27.23	3.91	-
AV	2.4628G	114.13	Inf	-Inf	82.99	3	Vertical	293	2.93	-	27.23	3.91	-
PK	2.4842G	59.58	74.00	-14.42	28.40	3	Vertical	293	2.93	-	27.27	3.91	-
AV	2.4878G	49.21	54.00	-4.79	18.02	3	Vertical	293	2.93	-	27.28	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

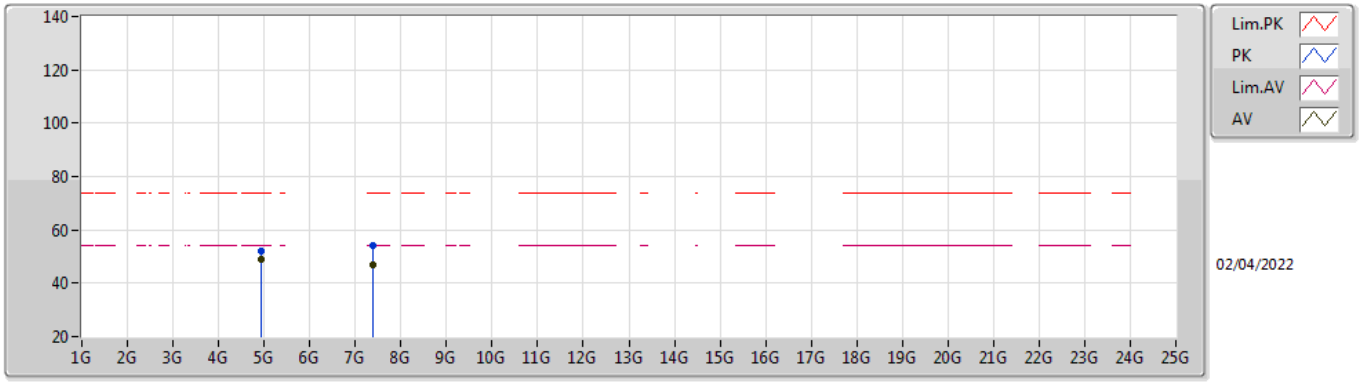


EUT Y_2TX
Setting 22.5
06-F-S-5

Type	Freq	Level	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	108.41	Inf	-Inf	77.27	3	Horizontal	156	1.56	-	27.23	3.91	-
AV	2.4628G	104.67	Inf	-Inf	73.53	3	Horizontal	156	1.56	-	27.23	3.91	-
PK	2.4876G	55.98	74.00	-18.02	24.79	3	Horizontal	156	1.56	-	27.28	3.91	-
AV	2.4868G	45.62	54.00	-8.38	14.44	3	Horizontal	156	1.56	-	27.27	3.91	-

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

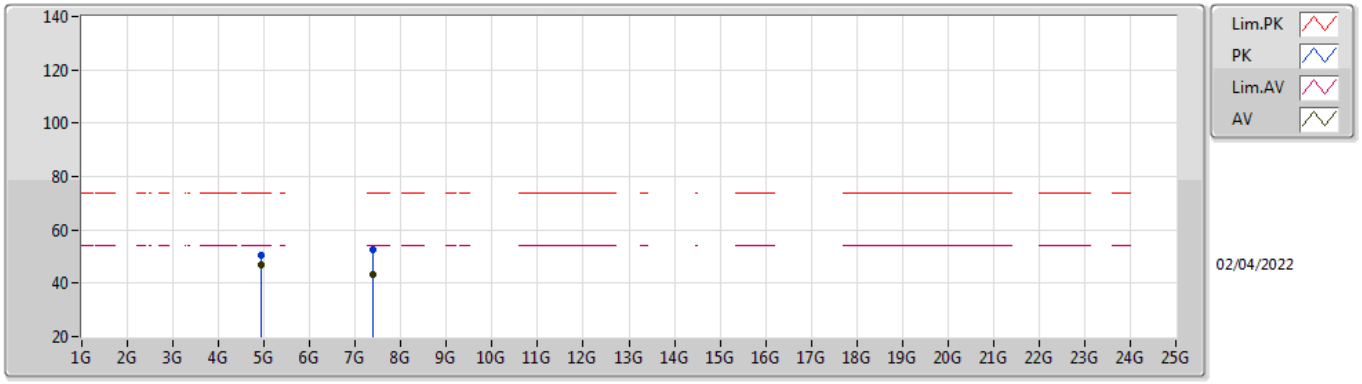


EUT Y_2TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92392G	52.26	74.00	-21.74	47.63	3	Vertical	233	2.33	-	31.20	5.40	31.97
AV	4.92392G	48.83	54.00	-5.17	44.20	3	Vertical	233	2.33	-	31.20	5.40	31.97
PK	7.38508G	54.30	74.00	-19.70	44.98	3	Vertical	123.8	1.24	-	36.06	6.76	33.50
AV	7.38516G	46.64	54.00	-7.36	37.32	3	Vertical	123.8	1.24	-	36.06	6.76	33.50

802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

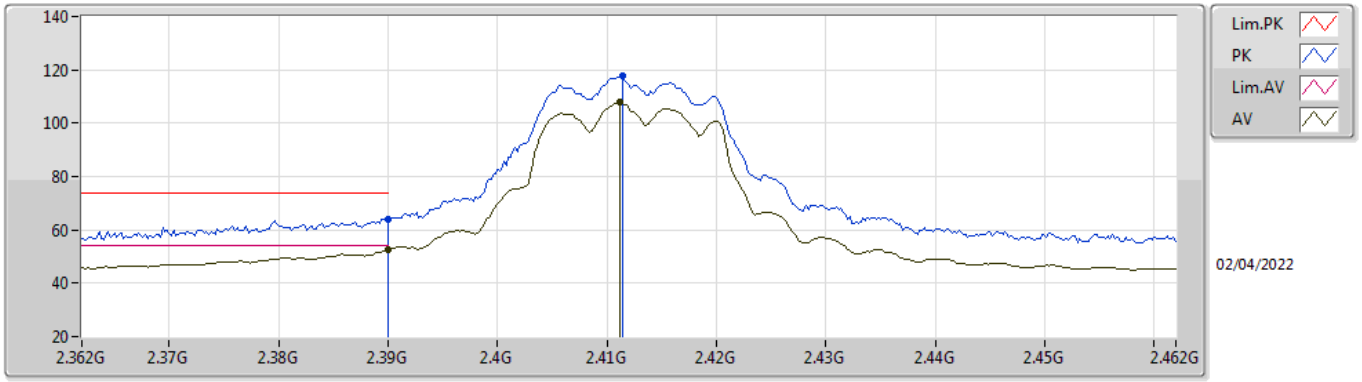


EUT Y_2TX
Setting 22.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9239G	50.37	74.00	-23.63	45.74	3	Horizontal	288	2.88	-	31.20	5.40	31.97
AV	4.92396G	46.88	54.00	-7.12	42.25	3	Horizontal	288	2.88	-	31.20	5.40	31.97
PK	7.385G	52.50	74.00	-21.50	43.18	3	Horizontal	32	1.23	-	36.06	6.76	33.50
AV	7.38508G	43.10	54.00	-10.90	33.78	3	Horizontal	32	1.23	-	36.06	6.76	33.50

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

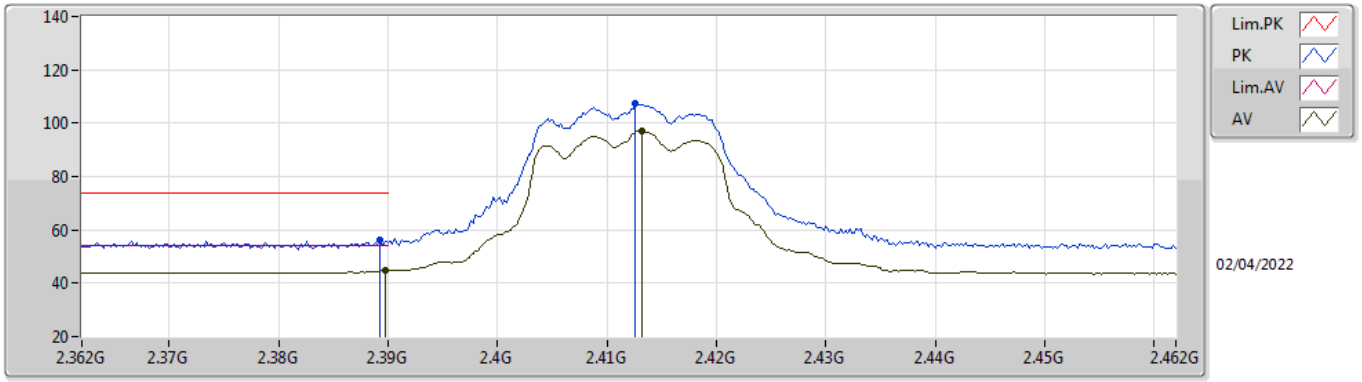


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	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	64.22	74.00	-9.78	32.85	3	Vertical	9	1.56	-	27.48	3.89	-
AV	2.39G	52.75	54.00	-1.25	21.38	3	Vertical	9	1.56	-	27.48	3.89	-
PK	2.4114G	117.70	Inf	-Inf	86.45	3	Vertical	9	1.56	-	27.35	3.90	-
AV	2.4112G	107.72	Inf	-Inf	76.46	3	Vertical	9	1.56	-	27.36	3.90	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

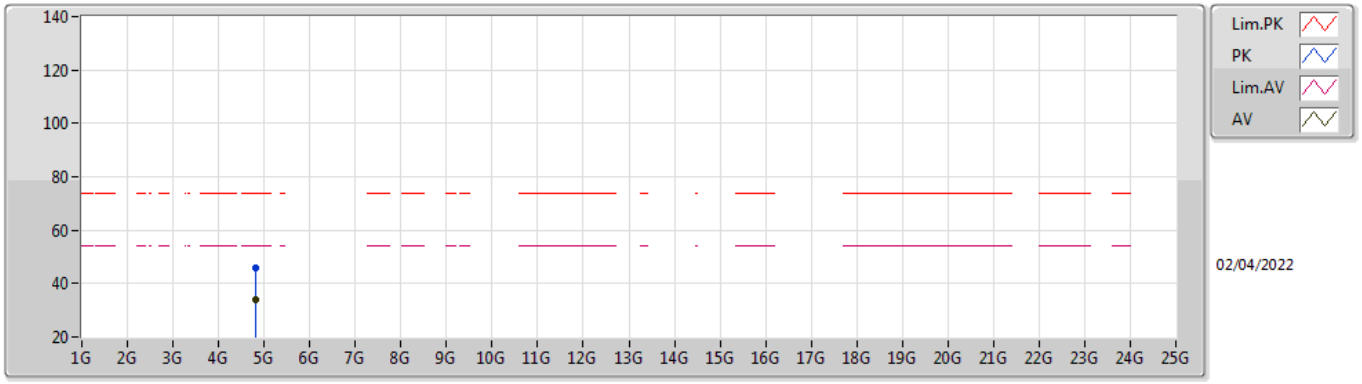


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	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	55.99	74.00	-18.01	24.61	3	Horizontal	156	1.56	-	27.49	3.89	-
AV	2.3898G	44.68	54.00	-9.32	13.31	3	Horizontal	156	1.56	-	27.48	3.89	-
PK	2.4126G	107.66	Inf	-Inf	76.41	3	Horizontal	156	1.56	-	27.35	3.90	-
AV	2.4132G	97.27	Inf	-Inf	66.02	3	Horizontal	156	1.56	-	27.35	3.90	-

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

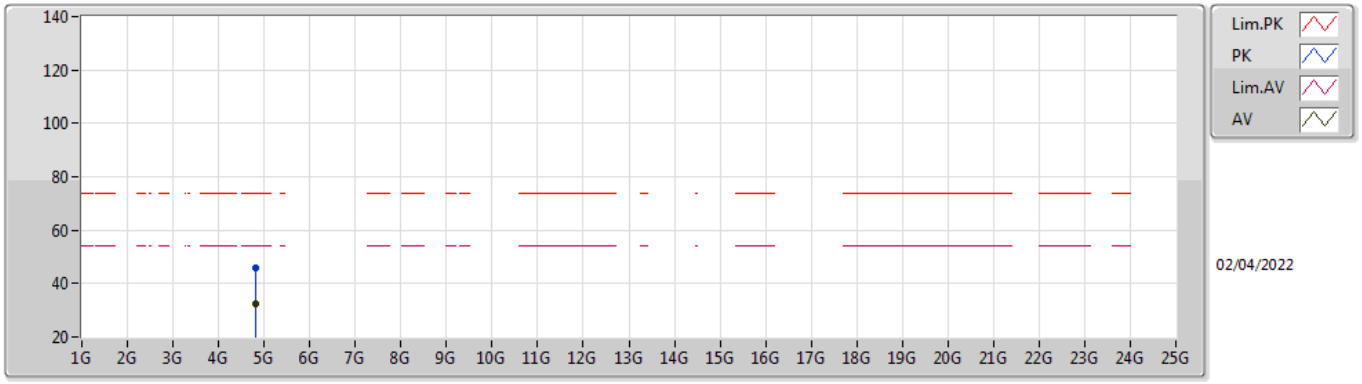


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82608G	45.94	74.00	-28.06	41.58	3	Vertical	217	1.55	-	31.05	5.37	32.06
AV	4.82412G	33.79	54.00	-20.21	29.43	3	Vertical	217	1.55	-	31.05	5.37	32.06

802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

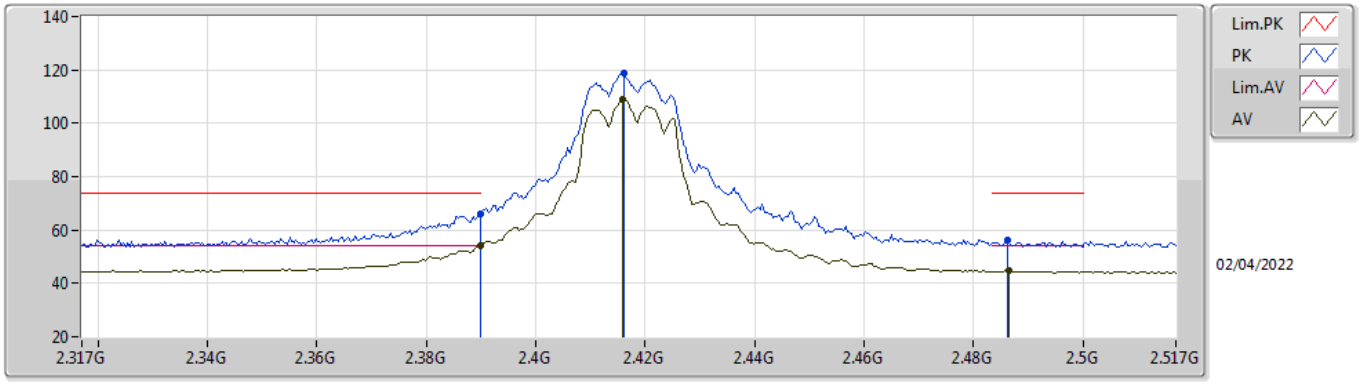


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82536G	45.84	74.00	-28.16	41.48	3	Horizontal	139	1.39	-	31.05	5.37	32.06
AV	4.82388G	32.29	54.00	-21.71	27.93	3	Horizontal	139	1.39	-	31.05	5.37	32.06

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

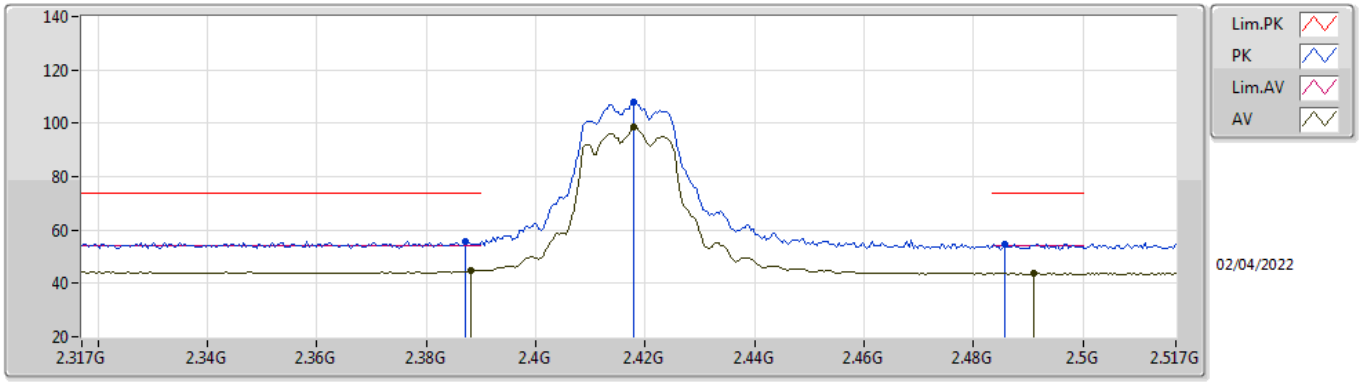


EUT Y_2TX
Setting 22
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	65.85	74.00	-8.15	34.48	3	Vertical	8	1.45	-	27.48	3.89	-
AV	2.3898G	53.88	54.00	-0.12	22.51	3	Vertical	8	1.45	-	27.48	3.89	-
PK	2.4162G	118.57	Inf	-Inf	87.33	3	Vertical	8	1.45	-	27.34	3.90	-
AV	2.4158G	108.77	Inf	-Inf	77.53	3	Vertical	8	1.45	-	27.34	3.90	-
PK	2.4862G	56.00	74.00	-18.00	24.82	3	Vertical	8	1.45	-	27.27	3.91	-
AV	2.4866G	44.62	54.00	-9.38	13.44	3	Vertical	8	1.45	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

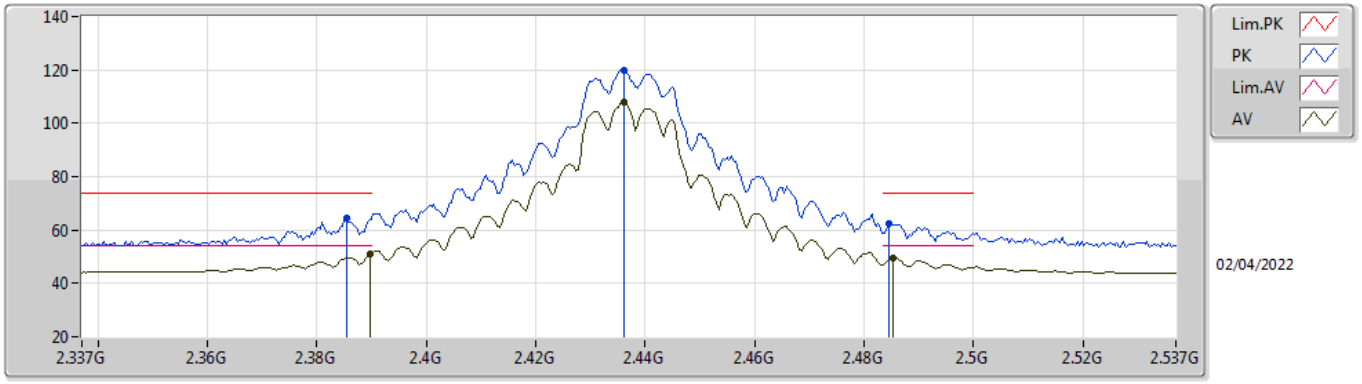


EUT Y_2TX
Setting 22
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.387G	55.84	74.00	-18.16	24.46	3	Horizontal	155	1.55	-	27.50	3.88	-
AV	2.3882G	44.71	54.00	-9.29	13.33	3	Horizontal	155	1.55	-	27.49	3.89	-
PK	2.4178G	108.16	Inf	-Inf	76.93	3	Horizontal	155	1.55	-	27.33	3.90	-
AV	2.4178G	98.45	Inf	-Inf	67.22	3	Horizontal	155	1.55	-	27.33	3.90	-
PK	2.4858G	54.80	74.00	-19.20	23.62	3	Horizontal	155	1.55	-	27.27	3.91	-
AV	2.491G	43.66	54.00	-10.34	12.47	3	Horizontal	155	1.55	-	27.28	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

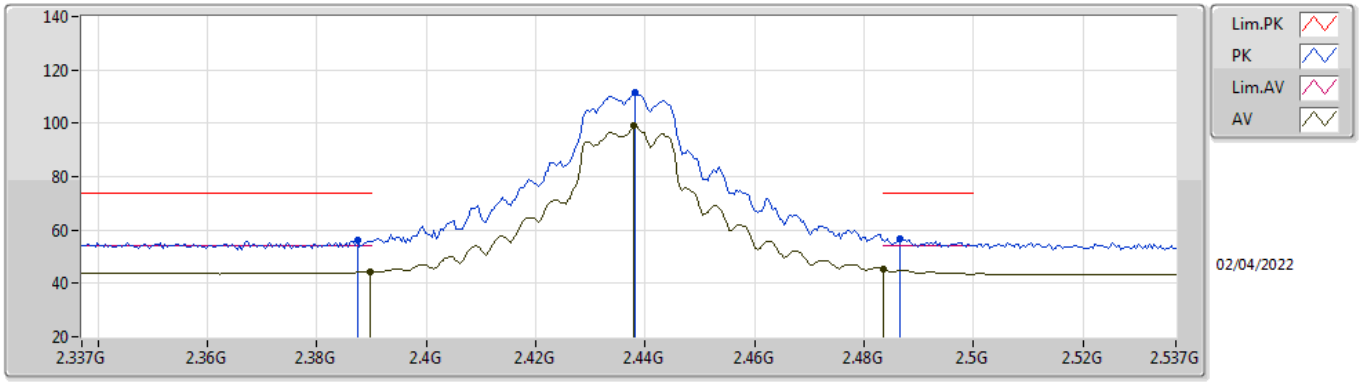


EUT Y_2TX
Setting 24
06-F-S-5

Type	Freq	Level	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	64.51	74.00	-9.49	33.11	3	Vertical	5	1.45	-	27.52	3.88	-
AV	2.3898G	51.10	54.00	-2.90	19.73	3	Vertical	5	1.45	-	27.48	3.89	-
PK	2.4362G	120.04	Inf	-Inf	88.87	3	Vertical	5	1.45	-	27.26	3.91	-
AV	2.4362G	107.74	Inf	-Inf	76.57	3	Vertical	5	1.45	-	27.26	3.91	-
PK	2.4846G	62.21	74.00	-11.79	31.03	3	Vertical	5	1.45	-	27.27	3.91	-
AV	2.4854G	49.56	54.00	-4.44	18.38	3	Vertical	5	1.45	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

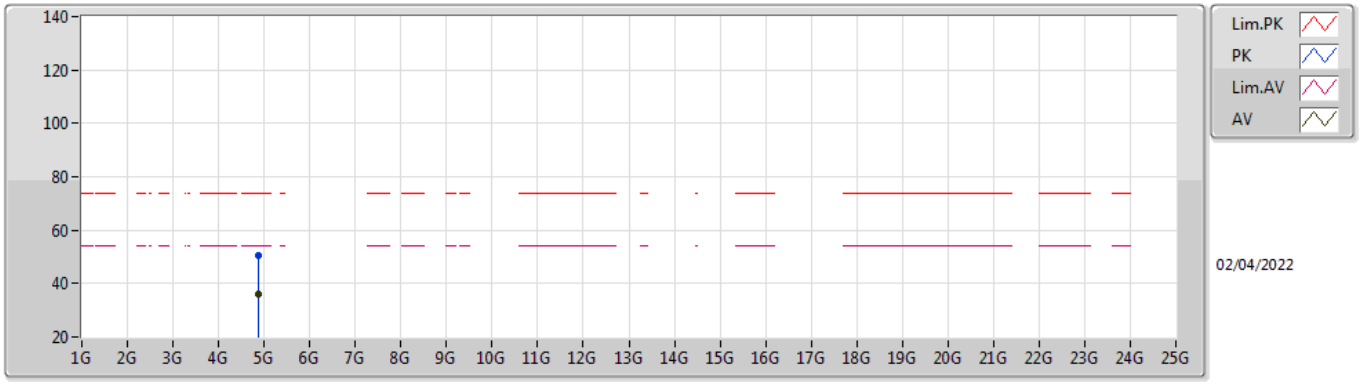


EUT Y_2TX
Setting 24
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	56.19	74.00	-17.81	24.81	3	Horizontal	157	1.57	-	27.50	3.88	-
AV	2.3898G	44.42	54.00	-9.58	13.05	3	Horizontal	157	1.57	-	27.48	3.89	-
PK	2.4382G	111.30	Inf	-Inf	80.14	3	Horizontal	157	1.57	-	27.25	3.91	-
AV	2.4378G	99.24	Inf	-Inf	68.08	3	Horizontal	157	1.57	-	27.25	3.91	-
PK	2.4866G	56.64	74.00	-17.36	25.46	3	Horizontal	157	1.57	-	27.27	3.91	-
AV	2.4835G	45.35	54.00	-8.65	14.17	3	Horizontal	157	1.57	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

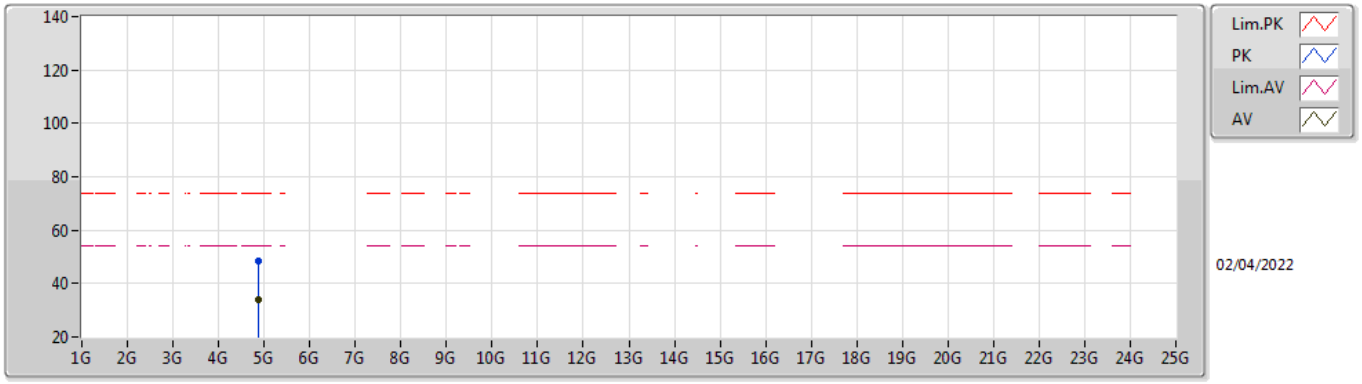


EUT Y_2TX
Setting 24
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87408G	50.51	74.00	-23.49	46.09	3	Vertical	171	1.70	-	31.05	5.39	32.02
AV	4.8742G	35.93	54.00	-18.07	31.51	3	Vertical	171	1.70	-	31.05	5.39	32.02

802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

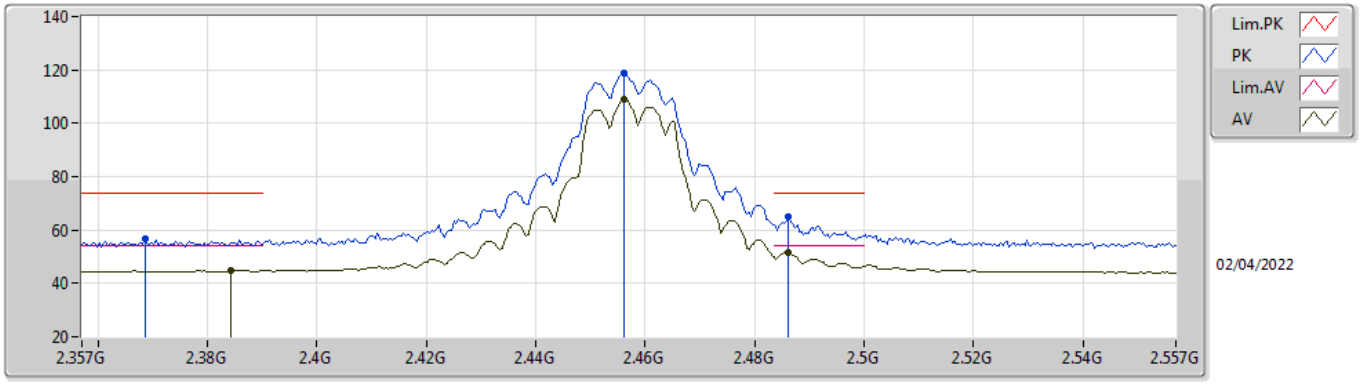


EUT Y_2TX
Setting 24
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87432G	48.31	74.00	-25.69	43.89	3	Horizontal	246	2.46	-	31.05	5.39	32.02
AV	4.87412G	33.87	54.00	-20.13	29.45	3	Horizontal	246	2.46	-	31.05	5.39	32.02

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

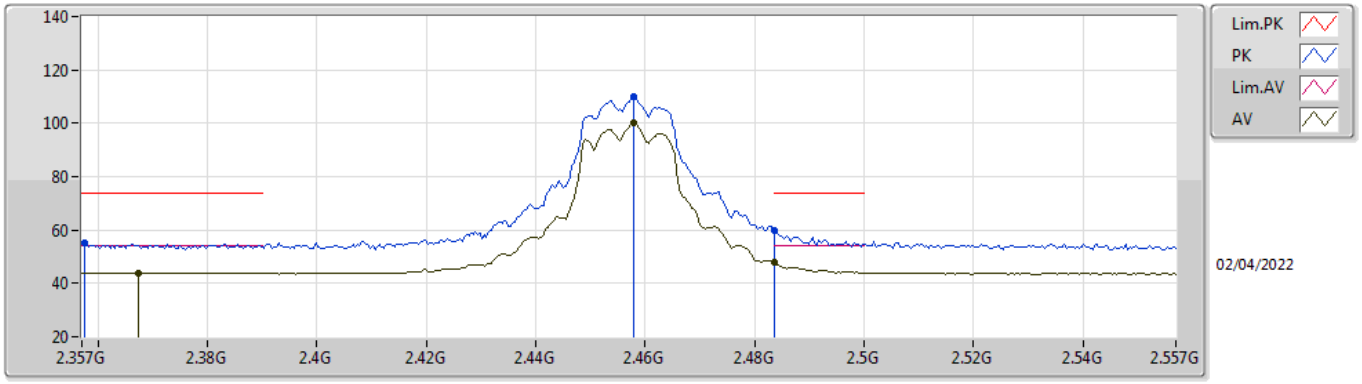


EUT Y_2TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3686G	56.67	74.00	-17.33	25.16	3	Vertical	10	1.25	-	27.65	3.86	-
AV	2.3842G	44.82	54.00	-9.18	13.41	3	Vertical	10	1.25	-	27.53	3.88	-
PK	2.4562G	118.75	Inf	-Inf	87.63	3	Vertical	10	1.25	-	27.21	3.91	-
AV	2.4562G	109.16	Inf	-Inf	78.04	3	Vertical	10	1.25	-	27.21	3.91	-
PK	2.4862G	65.19	74.00	-8.81	34.01	3	Vertical	10	1.25	-	27.27	3.91	-
AV	2.4862G	51.67	54.00	-2.33	20.49	3	Vertical	10	1.25	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

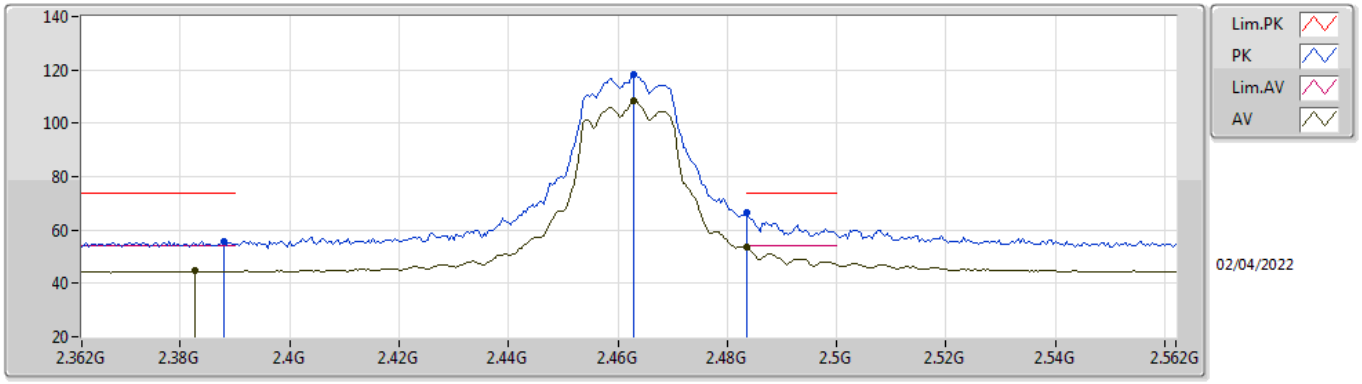


EUT Y_2TX
Setting 21.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3574G	55.38	74.00	-18.62	23.79	3	Horizontal	157	1.57	-	27.74	3.85	-
AV	2.3674G	43.99	54.00	-10.01	12.47	3	Horizontal	157	1.57	-	27.66	3.86	-
PK	2.4578G	110.04	Inf	-Inf	78.91	3	Horizontal	157	1.57	-	27.22	3.91	-
AV	2.4578G	100.22	Inf	-Inf	69.09	3	Horizontal	157	1.57	-	27.22	3.91	-
PK	2.4835G	59.79	74.00	-14.21	28.61	3	Horizontal	157	1.57	-	27.27	3.91	-
AV	2.4835G	47.86	54.00	-6.14	16.68	3	Horizontal	157	1.57	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

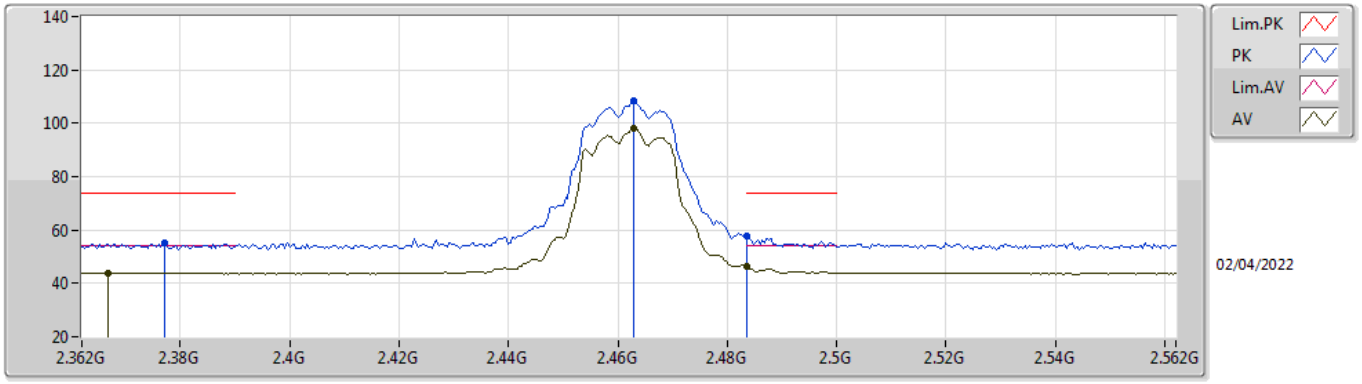


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	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	55.58	74.00	-18.42	24.19	3	Vertical	317	2.59	-	27.50	3.89	-
AV	2.3828G	44.57	54.00	-9.43	13.15	3	Vertical	317	2.59	-	27.54	3.88	-
PK	2.4628G	118.38	Inf	-Inf	87.24	3	Vertical	317	2.59	-	27.23	3.91	-
AV	2.4628G	108.30	Inf	-Inf	77.16	3	Vertical	317	2.59	-	27.23	3.91	-
PK	2.4835G	66.68	74.00	-7.32	35.50	3	Vertical	317	2.59	-	27.27	3.91	-
AV	2.4835G	53.56	54.00	-0.44	22.38	3	Vertical	317	2.59	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

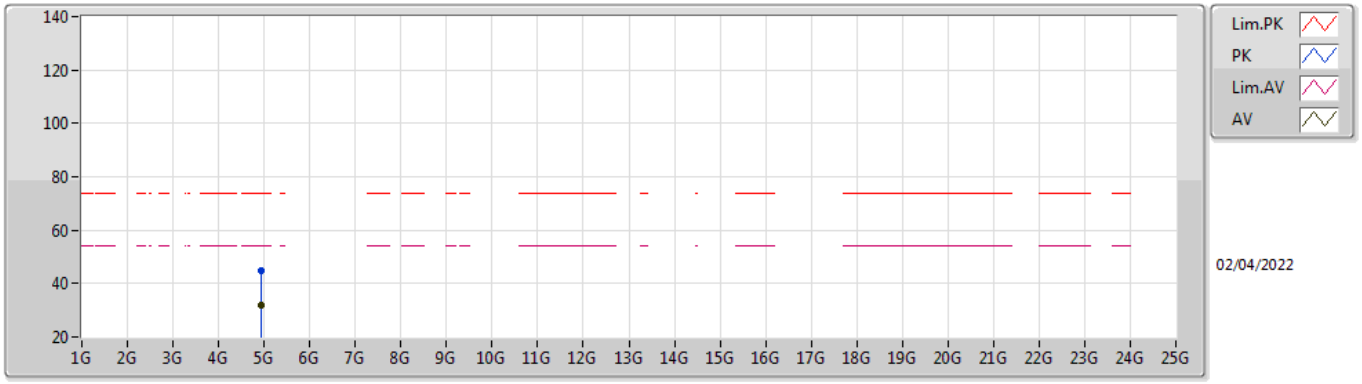


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3772G	55.05	74.00	-18.95	23.60	3	Horizontal	166	1.66	-	27.58	3.87	-
AV	2.3668G	43.93	54.00	-10.07	12.40	3	Horizontal	166	1.66	-	27.67	3.86	-
PK	2.4628G	108.24	Inf	-Inf	77.10	3	Horizontal	166	1.66	-	27.23	3.91	-
AV	2.4628G	98.10	Inf	-Inf	66.96	3	Horizontal	166	1.66	-	27.23	3.91	-
PK	2.4835G	57.88	74.00	-16.12	26.70	3	Horizontal	166	1.66	-	27.27	3.91	-
AV	2.4835G	46.24	54.00	-7.76	15.06	3	Horizontal	166	1.66	-	27.27	3.91	-

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

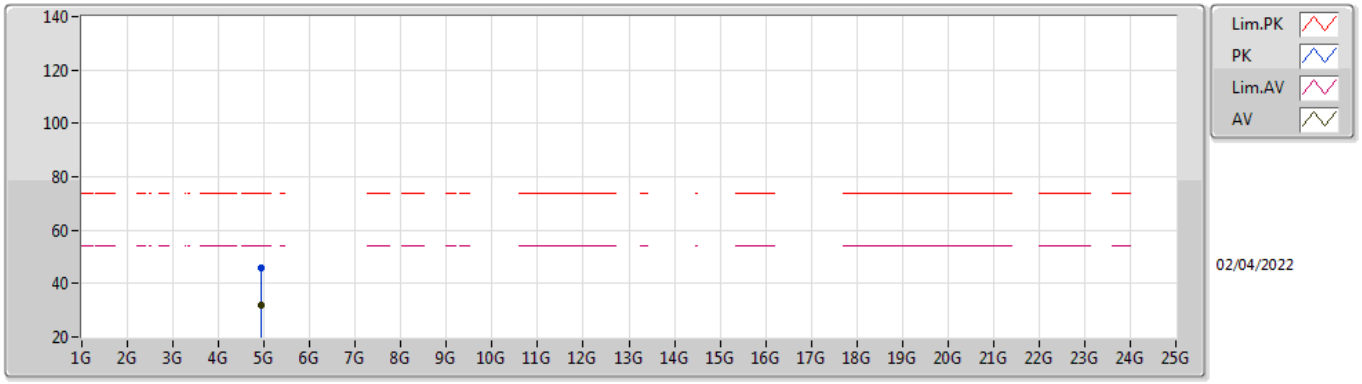


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.91988G	45.03	74.00	-28.97	40.43	3	Vertical	54	1.95	-	31.18	5.40	31.98
AV	4.92714G	31.83	54.00	-22.17	27.19	3	Vertical	54	1.95	-	31.21	5.40	31.97

802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

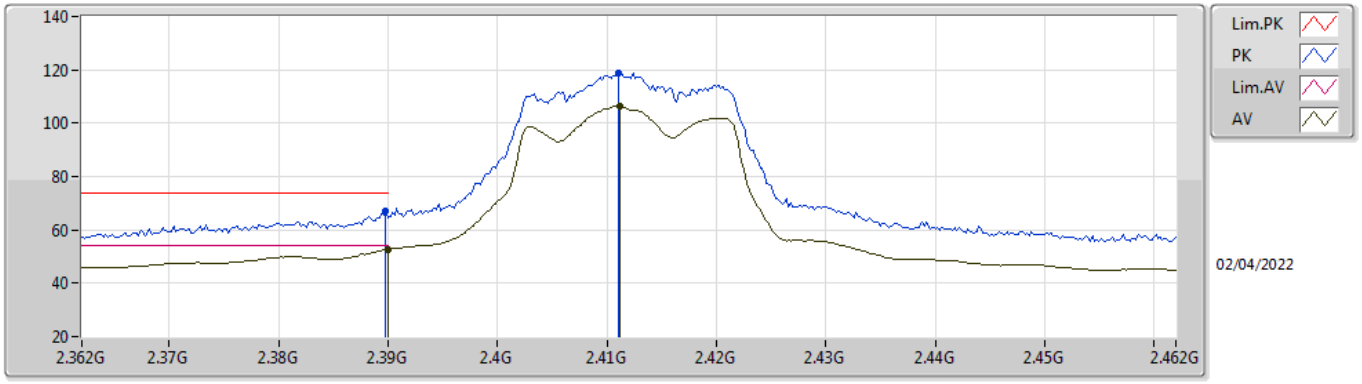


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92078G	46.07	74.00	-27.93	41.47	3	Horizontal	220	1.17	-	31.18	5.40	31.98
AV	4.92282G	31.79	54.00	-22.21	27.17	3	Horizontal	220	1.17	-	31.19	5.40	31.97

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

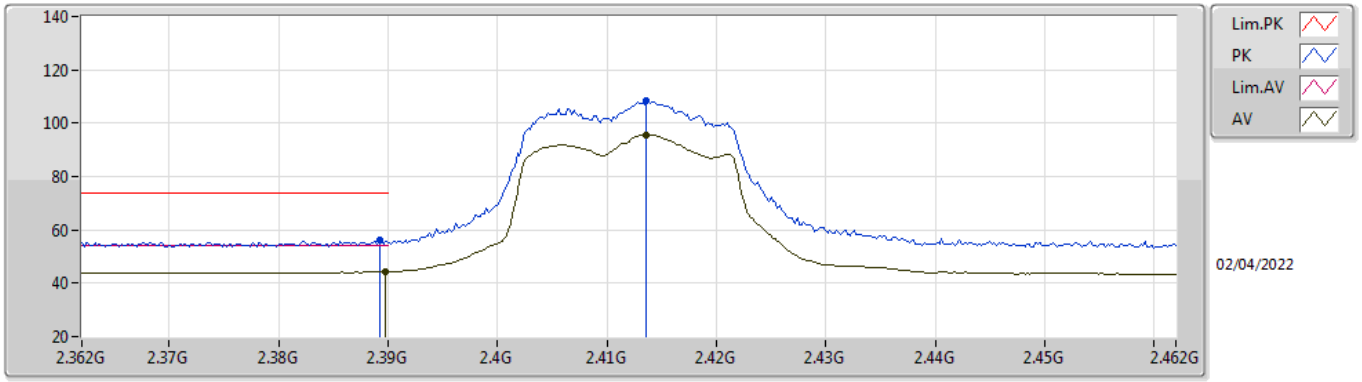


EUT Y_2TX
Setting 20.5
06-F-S-5

Type	Freq	Level	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	66.87	74.00	-7.13	35.50	3	Vertical	16	1.54	-	27.48	3.89	-
AV	2.39G	52.65	54.00	-1.35	21.28	3	Vertical	16	1.54	-	27.48	3.89	-
PK	2.411G	119.02	Inf	-Inf	87.76	3	Vertical	16	1.54	-	27.36	3.90	-
AV	2.4112G	106.30	Inf	-Inf	75.04	3	Vertical	16	1.54	-	27.36	3.90	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

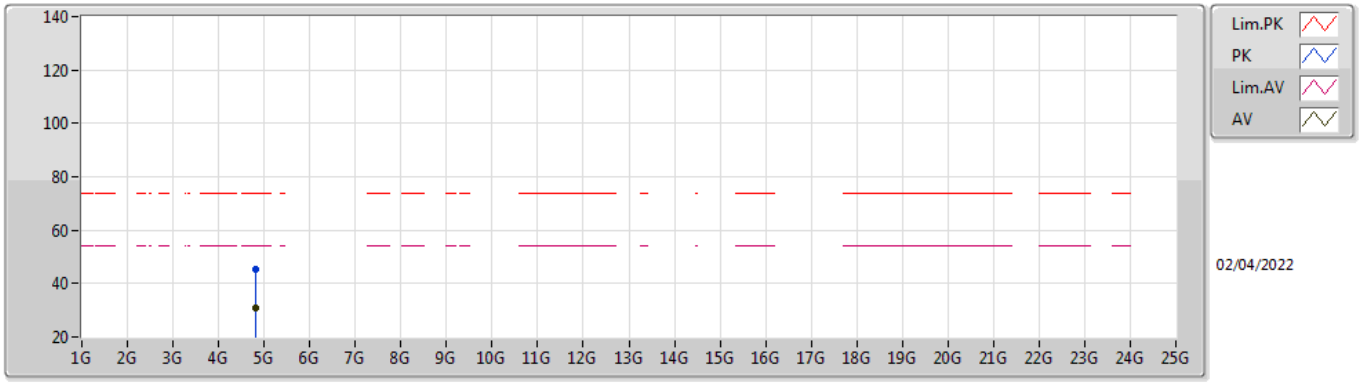


EUT Y_2TX
Setting 20.5
06-F-S-5

Type	Freq	Level	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	56.05	74.00	-17.95	24.67	3	Horizontal	157	1.57	-	27.49	3.89	-
AV	2.3898G	44.28	54.00	-9.72	12.91	3	Horizontal	157	1.57	-	27.48	3.89	-
PK	2.4136G	108.55	Inf	-Inf	77.30	3	Horizontal	157	1.57	-	27.35	3.90	-
AV	2.4136G	95.48	Inf	-Inf	64.23	3	Horizontal	157	1.57	-	27.35	3.90	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

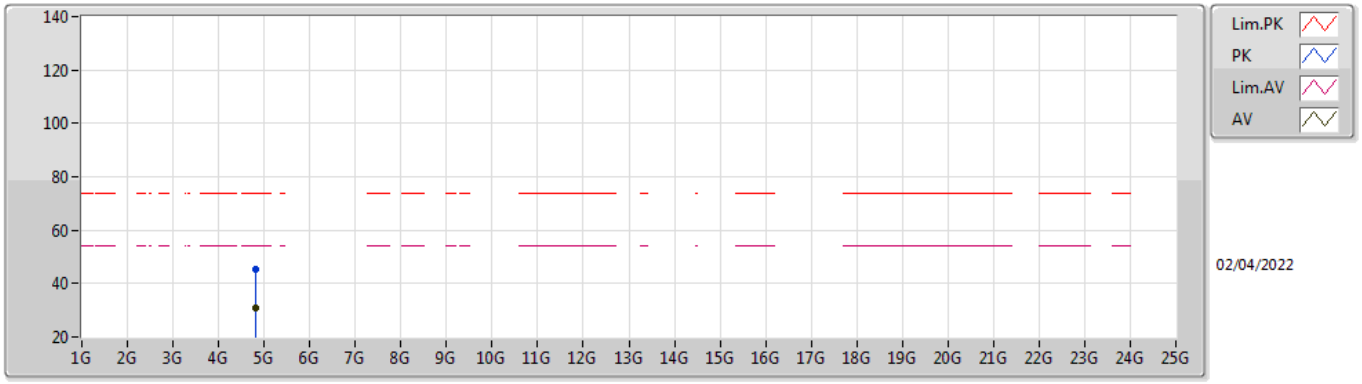


EUT Y_2TX
Setting 20.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82062G	45.11	74.00	-28.89	40.74	3	Vertical	229	2.62	-	31.06	5.37	32.06
AV	4.821G	31.00	54.00	-23.00	26.63	3	Vertical	229	2.62	-	31.06	5.37	32.06

802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

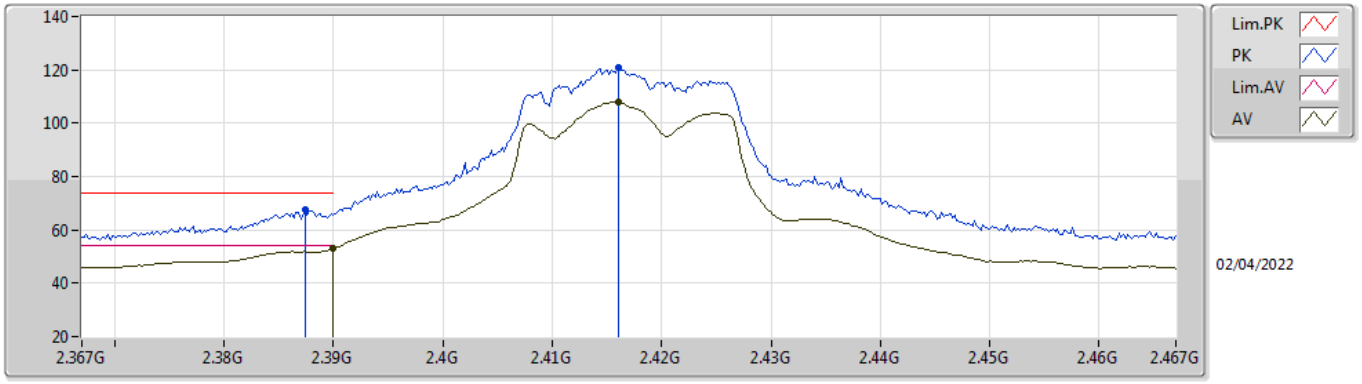


EUT Y_2TX
Setting 20.5
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8236G	45.18	74.00	-28.82	40.82	3	Horizontal	132	2.55	-	31.05	5.37	32.06
AV	4.82336G	30.96	54.00	-23.04	26.60	3	Horizontal	132	2.55	-	31.05	5.37	32.06

802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

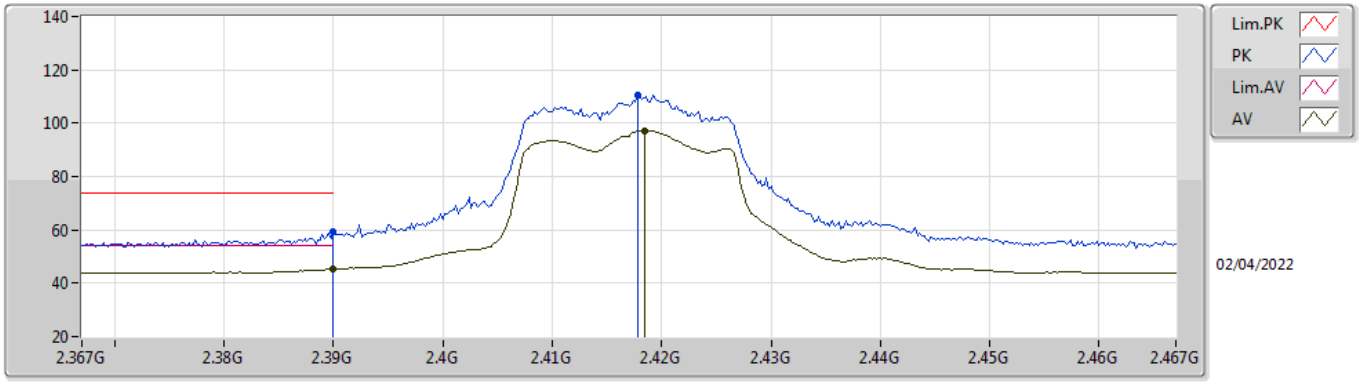


EUT Y_2TX
Setting 22
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	67.36	74.00	-6.64	35.98	3	Vertical	12	1.58	-	27.50	3.88	-
AV	2.39G	53.00	54.00	-1.00	21.63	3	Vertical	12	1.58	-	27.48	3.89	-
PK	2.416G	120.81	Inf	-Inf	89.57	3	Vertical	12	1.58	-	27.34	3.90	-
AV	2.416G	107.79	Inf	-Inf	76.55	3	Vertical	12	1.58	-	27.34	3.90	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

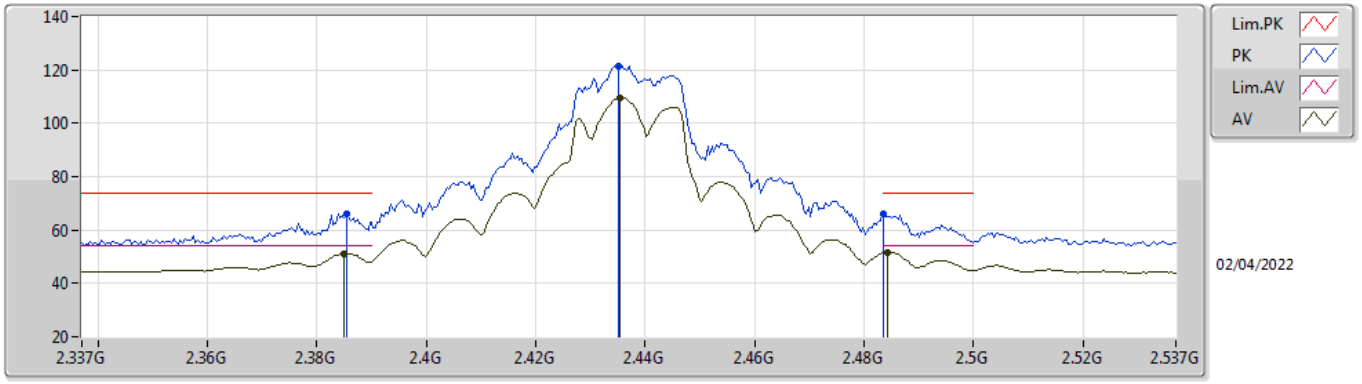


EUT Y_2TX
Setting 22
06-F-S-5

Type	Freq	Level	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	59.50	74.00	-14.50	28.13	3	Horizontal	155	1.55	-	27.48	3.89	-
AV	2.39G	45.14	54.00	-8.86	13.77	3	Horizontal	155	1.55	-	27.48	3.89	-
PK	2.4178G	110.60	Inf	-Inf	79.37	3	Horizontal	155	1.55	-	27.33	3.90	-
AV	2.4184G	97.18	Inf	-Inf	65.95	3	Horizontal	155	1.55	-	27.33	3.90	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

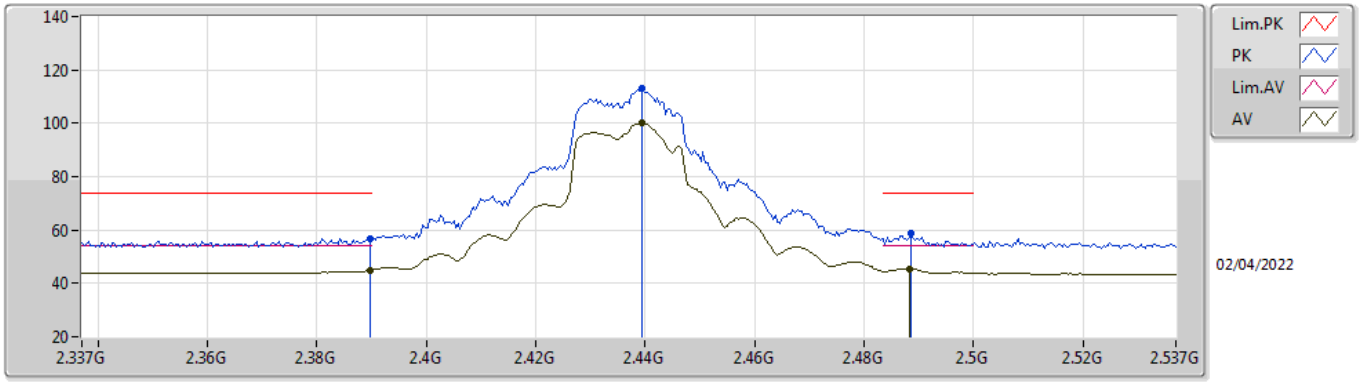


EUT Y_2TX
Setting 24
06-F-S-5

Type	Freq	Level	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	66.29	74.00	-7.71	34.89	3	Vertical	9	1.50	-	27.52	3.88	-
AV	2.385G	51.23	54.00	-2.77	19.83	3	Vertical	9	1.50	-	27.52	3.88	-
PK	2.435G	121.59	Inf	-Inf	90.42	3	Vertical	9	1.50	-	27.26	3.91	-
AV	2.4354G	109.38	Inf	-Inf	78.21	3	Vertical	9	1.50	-	27.26	3.91	-
PK	2.4835G	65.79	74.00	-8.21	34.61	3	Vertical	9	1.50	-	27.27	3.91	-
AV	2.4842G	51.80	54.00	-2.20	20.62	3	Vertical	9	1.50	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

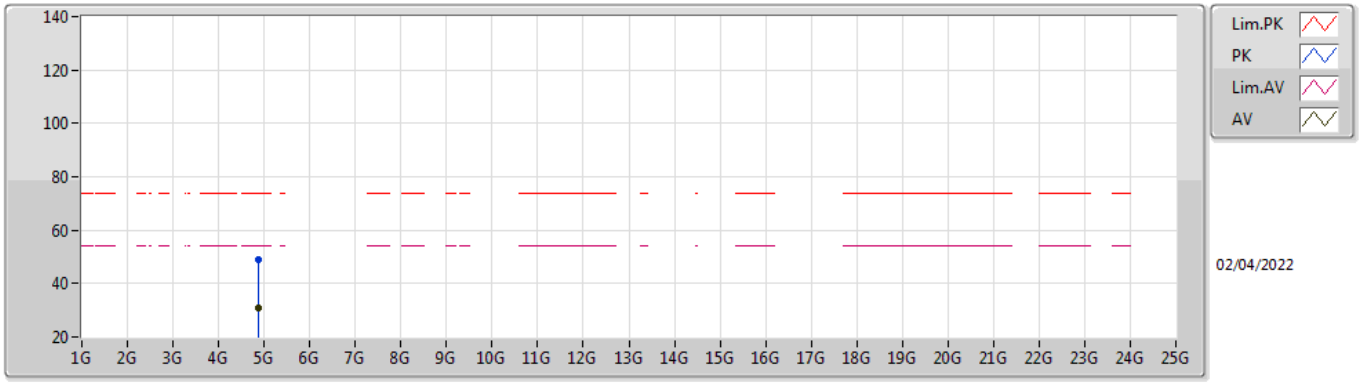


EUT Y_2TX
Setting 24
06-F-S-5

Type	Freq	Level	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	56.94	74.00	-17.06	25.57	3	Horizontal	160	1.60	-	27.48	3.89	-
AV	2.3898G	44.86	54.00	-9.14	13.49	3	Horizontal	160	1.60	-	27.48	3.89	-
PK	2.4394G	113.17	Inf	-Inf	82.02	3	Horizontal	160	1.60	-	27.24	3.91	-
AV	2.4394G	99.97	Inf	-Inf	68.82	3	Horizontal	160	1.60	-	27.24	3.91	-
PK	2.4886G	58.54	74.00	-15.46	27.35	3	Horizontal	160	1.60	-	27.28	3.91	-
AV	2.4882G	45.51	54.00	-8.49	14.32	3	Horizontal	160	1.60	-	27.28	3.91	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

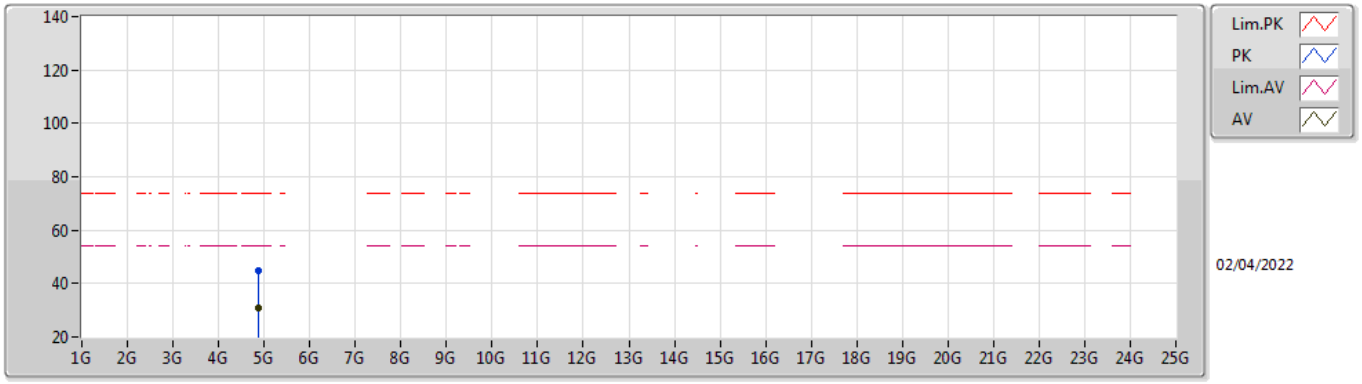


EUT Y_2TX
Setting 24
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8745G	48.79	74.00	-25.21	44.37	3	Vertical	97	1.24	-	31.05	5.39	32.02
AV	4.87382G	31.02	54.00	-22.98	26.60	3	Vertical	97	1.24	-	31.05	5.39	32.02

802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

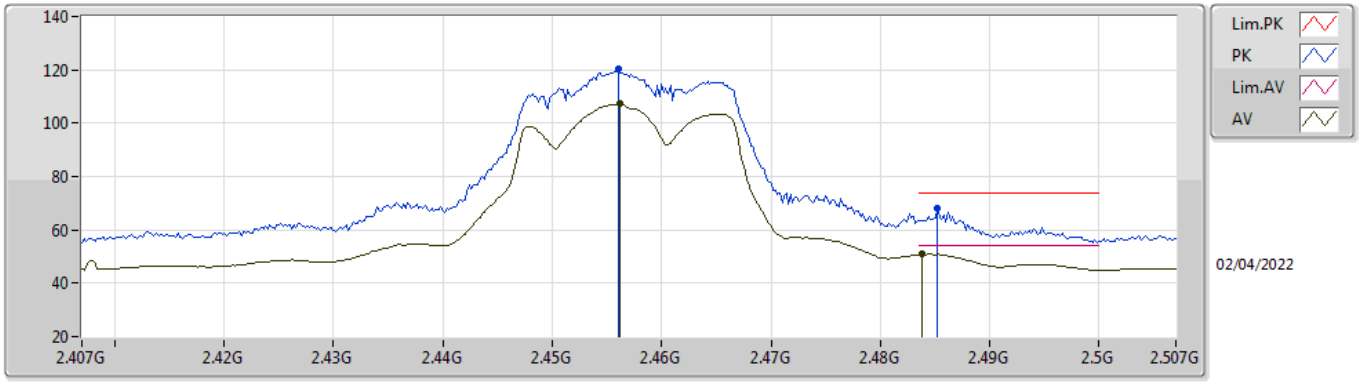


EUT Y_2TX
Setting 24
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87314G	44.65	74.00	-29.35	40.23	3	Horizontal	182	1.29	-	31.05	5.39	32.02
AV	4.87202G	30.88	54.00	-23.12	26.47	3	Horizontal	182	1.29	-	31.04	5.39	32.02

802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

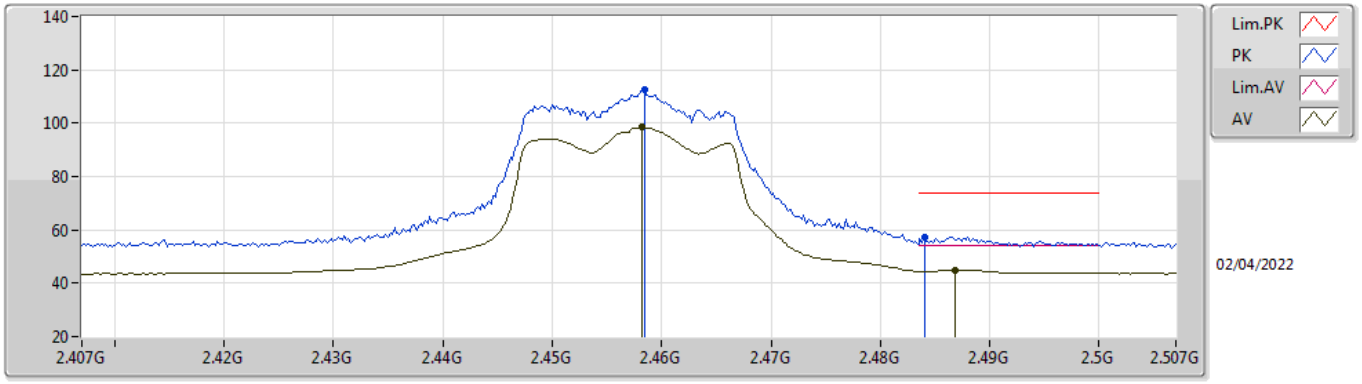


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.456G	120.27	Inf	-Inf	89.15	3	Vertical	11	1.45	-	27.21	3.91	-
AV	2.4562G	107.16	Inf	-Inf	76.04	3	Vertical	11	1.45	-	27.21	3.91	-
PK	2.4852G	68.05	74.00	-5.95	36.87	3	Vertical	11	1.45	-	27.27	3.91	-
AV	2.4838G	50.93	54.00	-3.07	19.75	3	Vertical	11	1.45	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

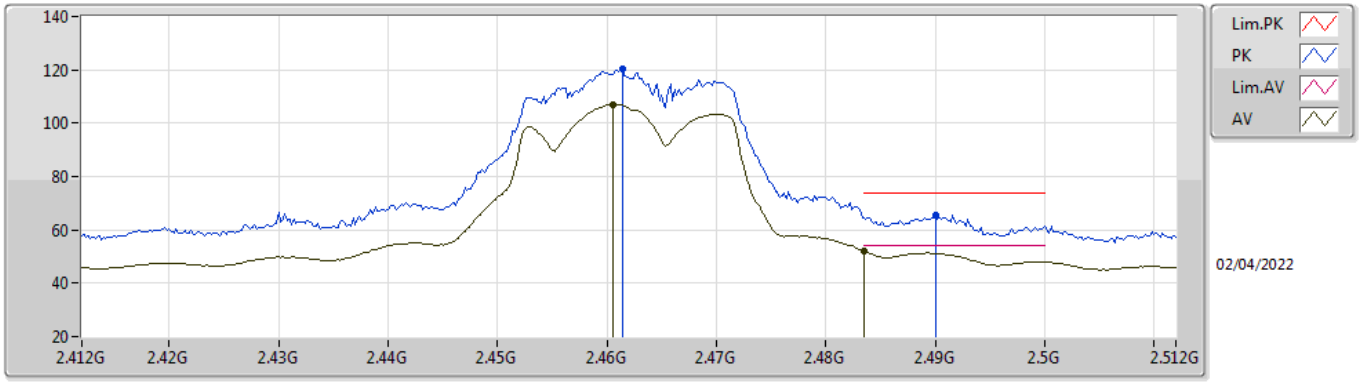


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	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	112.48	Inf	-Inf	81.35	3	Horizontal	156	1.56	-	27.22	3.91	-
AV	2.4582G	98.44	Inf	-Inf	67.31	3	Horizontal	156	1.56	-	27.22	3.91	-
PK	2.484G	57.42	74.00	-16.58	26.24	3	Horizontal	156	1.56	-	27.27	3.91	-
AV	2.4868G	44.94	54.00	-9.06	13.76	3	Horizontal	156	1.56	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

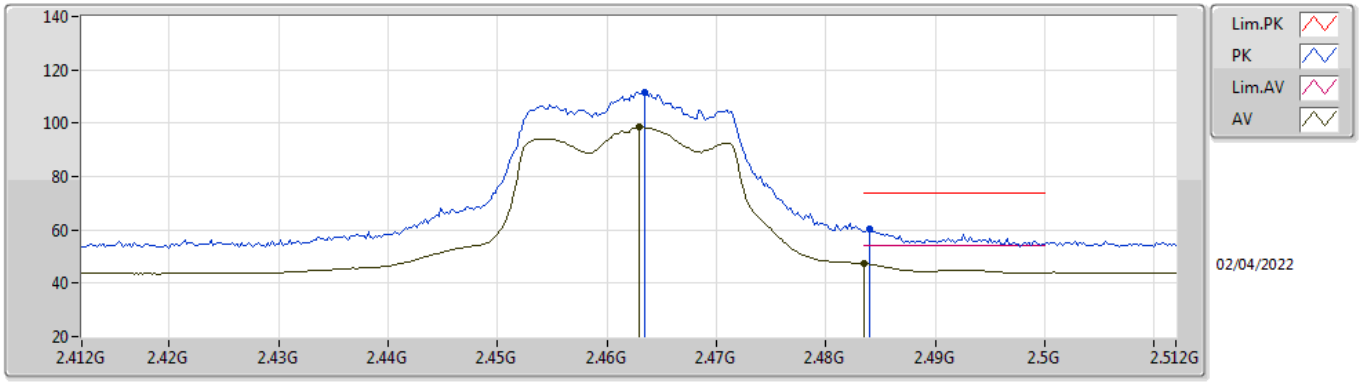


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	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	120.23	Inf	-Inf	89.10	3	Vertical	10	1.45	-	27.22	3.91	-
AV	2.4606G	107.05	Inf	-Inf	75.92	3	Vertical	10	1.45	-	27.22	3.91	-
PK	2.49G	65.74	74.00	-8.26	34.55	3	Vertical	10	1.45	-	27.28	3.91	-
AV	2.4835G	52.17	54.00	-1.83	20.99	3	Vertical	10	1.45	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

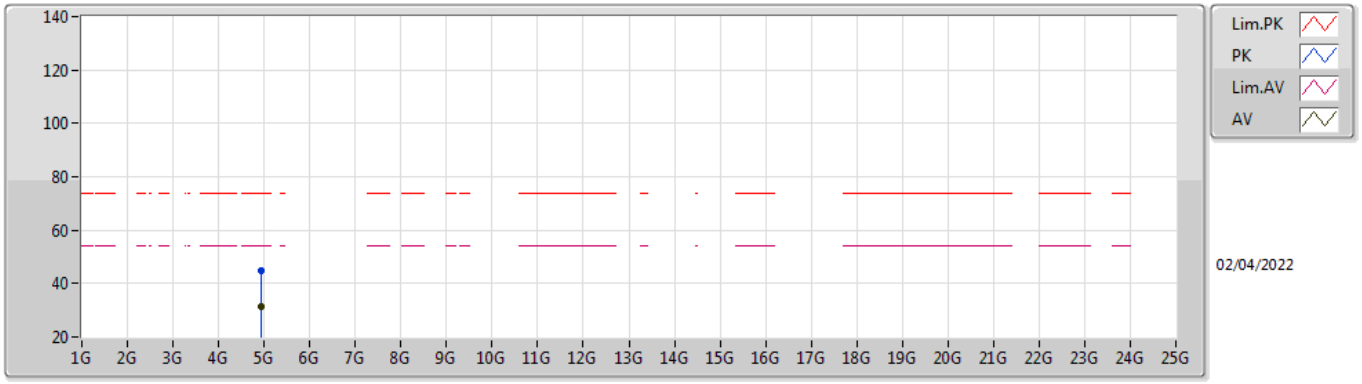


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4634G	111.69	Inf	-Inf	80.55	3	Horizontal	155	1.55	-	27.23	3.91	-
AV	2.463G	98.50	Inf	-Inf	67.36	3	Horizontal	155	1.55	-	27.23	3.91	-
PK	2.484G	60.37	74.00	-13.63	29.19	3	Horizontal	155	1.55	-	27.27	3.91	-
AV	2.4835G	47.42	54.00	-6.58	16.24	3	Horizontal	155	1.55	-	27.27	3.91	-

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

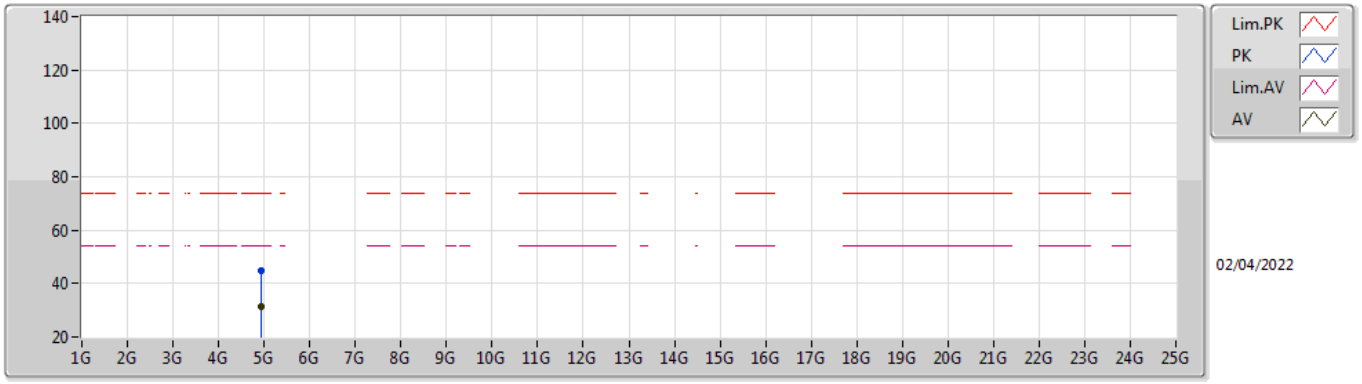


EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9285G	44.93	74.00	-29.07	40.29	3	Vertical	220	2.11	-	31.21	5.40	31.97
AV	4.92428G	31.25	54.00	-22.75	26.62	3	Vertical	220	2.11	-	31.20	5.40	31.97

802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX



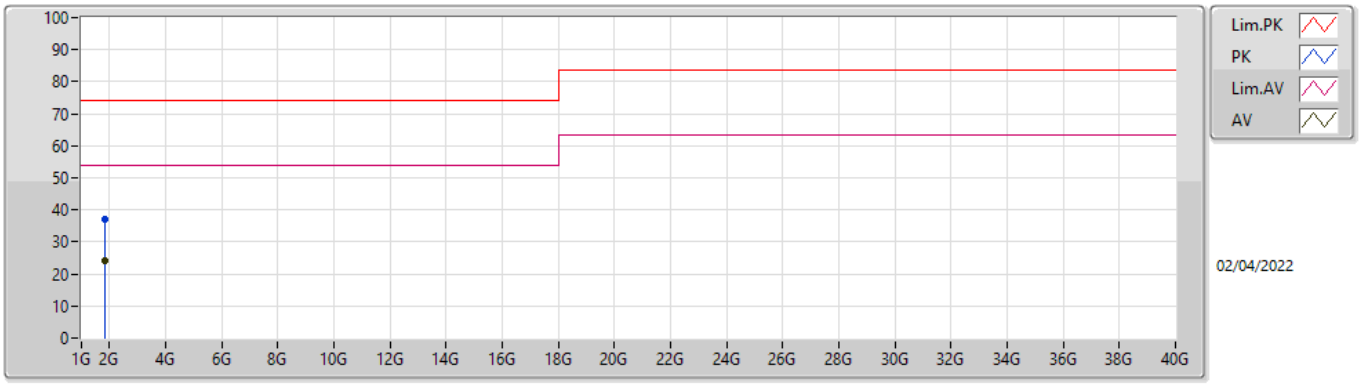
EUT Y_2TX
Setting 21
06-F-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92646G	44.98	74.00	-29.02	40.34	3	Horizontal	315	2.77	-	31.21	5.40	31.97
AV	4.92418G	31.39	54.00	-22.61	26.76	3	Horizontal	315	2.77	-	31.20	5.40	31.97

Summary

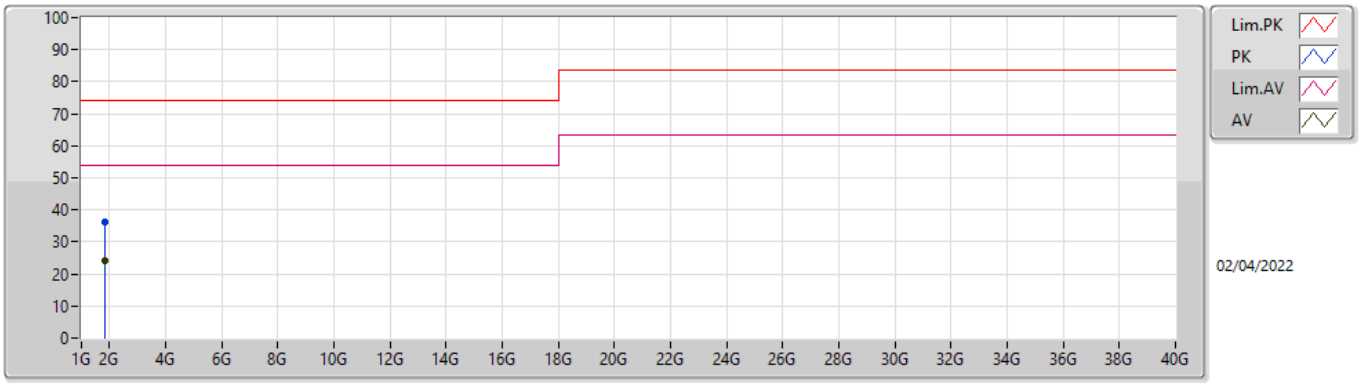
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.82598G	24.33	54.00	-29.67	Vertical

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	1.82112G	37.09	74.00	-36.91	-5.55	3	Vertical	29	1.00	-	42.64	25.43	3.25	34.23
AV	1.82598G	24.33	54.00	-29.67	-5.51	3	Vertical	29	1.00	"Worst"	29.84	25.46	3.25	34.22

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	1.81232G	36.28	74.00	-37.72	-5.62	3	Horizontal	62	1.00	-	41.90	25.37	3.25	34.24
AV	1.82406G	24.32	54.00	-29.68	-5.53	3	Horizontal	62	1.00	"Worst"	29.85	25.44	3.25	34.22