RADIO TEST REPORT

FCC ID	:	RAXXCI55AX
Equipment	:	TITAN II
Brand Name	:	Verizon
Model Name	:	ARC-XCI55AX
Applicant	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Manufacturer	:	Arcadyan Technology Corporation No.8, Sec.2, Guangfu Rd.,Hsinchu, 30071 Taiwan
Standard	:	47 CFR FCC Part 15.247

The product was received on Oct. 22, 2021, and testing was started from Oct. 28, 2021 and completed on Jan. 12, 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
FR1O1524AA	01	Initial issue of report	Feb. 21, 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]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	4TX
2.4-2.4835GHz	802.11g	20	4TX
2.4-2.4835GHz	802.11n HT20	20	4TX
2.4-2.4835GHz	802.11n HT20-BF	20	4TX
2.4-2.4835GHz	VHT20	20	4TX
2.4-2.4835GHz	VHT20-BF	20	4TX
2.4-2.4835GHz	802.11ax HEW20	20	4TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	4TX
2.4-2.4835GHz	802.11n HT40	40	4TX
2.4-2.4835GHz	802.11n HT40-BF	40	4TX
2.4-2.4835GHz	VHT40	40	4TX
2.4-2.4835GHz	VHT40-BF	40	4TX
2.4-2.4835GHz	802.11ax HEW40	40	4TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	4TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	PSA	120800109200J	Dipole	I-Pex	Note 1
2	PSA	120800109300J	Dipole	I-Pex	
3	PSA	120800109400J	Dipole	I-Pex	
4	PSA	120800109500J	Dipole	I-Pex	
5	PSA	120800109600J	Dipole	I-Pex	

Note 1:

Ant.	Port		Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz	WLAN 5GHz			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1	1	3.01	2.79	2.88	2.91	2.83
2	2	2	2.87	3.00	3.00	2.91	2.92
3	3	3	2.93	3.05	3.09	3.02	2.97
4	4	4	2.81	3.07	3.12	2.93	3.10
5	-	5	-	3.09	2.98	3.10	3.10

Note 2: The above information was declared by manufacturer.

Note 3: Directional gain information

Type	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula : $Directiona\ lGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

$NSS1(g1,1) = 10^{G1/20}$; $NSS1(g1,2) = 10^{G2/20}$; $NSS1(g1,2) = 10^{G3/20}$; $NSS1(g1,2) = 10^{G4/20}$

$gj,k = (Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2$

$DG = 10 \log[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}] => 10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$

Where ;

G1 = Ant 1 Gain ; G2 = Ant 2 Gain ; G3 = Ant 3 Gain ; G4 = Ant 4 Gain ;

2.4GHz DG = 8.93 dBi

5 GHz U-NII-1 DG =9.00 dBi

5 GHz U-NII-2A DG =9.04 dBi

5 GHz U-NII-2C DG =8.96 dBi

5 GHz U-NII-3 DG =8.98 dBi

The EUT has five antennas for WLAN.

For 2.4GHz function:

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

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

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

For 5GHz function:

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

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

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

Port 5 which has the receiving function only is used for zero wait.

1.1.3 Mode Test Duty Cycle

For non-beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.871	0.6	1.253m	1k
802.11g	0.838	0.77	1.06m	1k
802.11ax HEW20	0.819	0.87	950u	3k
802.11ax HEW40	0.831	0.8	940u	3k

For beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.894	0.49	3.788m	300
802.11ax HEW40-BF	0.843	0.74	1.925m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Non-beamforming: QA Tool [MT7915 QA0.0.2.33] Beamforming: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.247
- 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 D01 v02r01
- 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	TH02-CB	Paul Chen	19.1~20.8 / 61~66	Nov. 06, 2021~ Nov. 17, 2021
Radiated < 1GHz	03CH05-CB	Stim Sung	23.5-24.6 / 55-59	Oct. 28, 2021~ Jan. 12, 2022
Radiated > 1GHz (Non-beamforming)	03CH02-CB	Stim Sung	24.4-25.5 / 55-58	Oct. 28, 2021~ Jan. 12, 2022
Radiated > 1GHz (Beamforming)	03CH06-CB	Stim Sung	24.5-25.6 / 56-59	Oct. 28, 2021~ Jan. 12, 2022
AC Conduction	CO01-CB	Peter Wu	21~22 / 51~53	Dec. 15, 2021

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (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 non-beamforming mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_4TX	-
2412MHz	23.5
2417MHz	
2437MHz	24
2457MHz	
2462MHz	22
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	22.5
2417MHz	23
2437MHz	24.5
2457MHz	23
2462MHz	22.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	21.5
2417MHz	23.5
2437MHz	24.5
2457MHz	23.5
2462MHz	20
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	20.5
2437MHz	21.5
2452MHz	20

For beamforming mode

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	40
2417MHz	42
2437MHz	42
2457MHz	41
2462MHz	39
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	37
2437MHz	40
2452MHz	36

Note:
- Evaluated HEW20/HEW40 mode only due to the similar modulation.
  The power setting of HT20/HT40/VHT20/VHT40 mode are the same or lower than HEW20/HEW40.

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: 120V / 60Hz
Operating Mode	CTX
1	EUT: WLAN 2.4GHz + Adapter
2	EUT: WLAN 5GHz + Adapter
For operating mode 2 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	The EUT can be placed in X axis, Y axis and Z axis. EUT in Y axis has been evaluated to be the worst case at Emissions in Restricted Frequency Bands <Above 1GHz>; thus, the measurement will follow this same test.
1	EUT in Y axis: WLAN 2.4GHz + Adapter
2	EUT in Y axis: WLAN 5GHz + Adapter
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. The worst case was found at Y axis, thus the measurement will follow this same test configuration.
1	EUT in Y axis: WLAN 2.4GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT can be placed in X axis, Y axis and Z axis. EUT in Y axis has been evaluated to be the worst case at Emissions in Restricted Frequency Bands <Above 1GHz>; thus, the measurement will follow this same test.
1	EUT 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 + WWAN 4GHz + WWAN 5GHz
Refer to Sporton Test Report No.: FA1O1524 for Co-location RF Exposure Evaluation.	

Note: The manufacturer declared that the USB port can not be used by end-user. It is generally used for updating FW by maintenance personnel.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	DELTA	ADH-42BW B	INPUT: 105-125V~60Hz, 1.2A OUTPUT: 12.0V, 3.5A, 42.0W
Other				
RJ-45 cable*1: Non-shielded, 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A

For Radiated below 1GHz:

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

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

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

For Radiated above 1GHz (Beamforming mode):

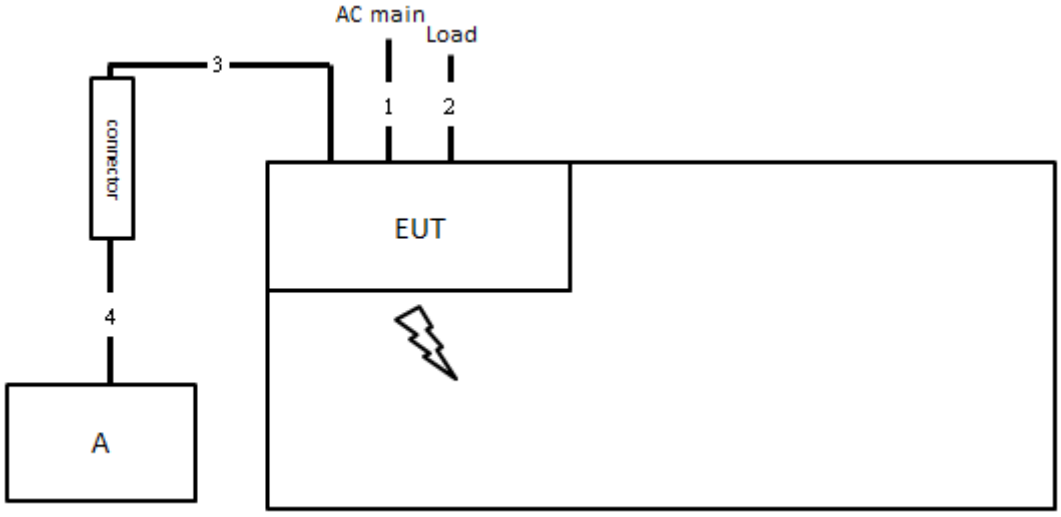
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	RX Device	Arcadyan	WG630223-TC	N/A

For RF Conducted:

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

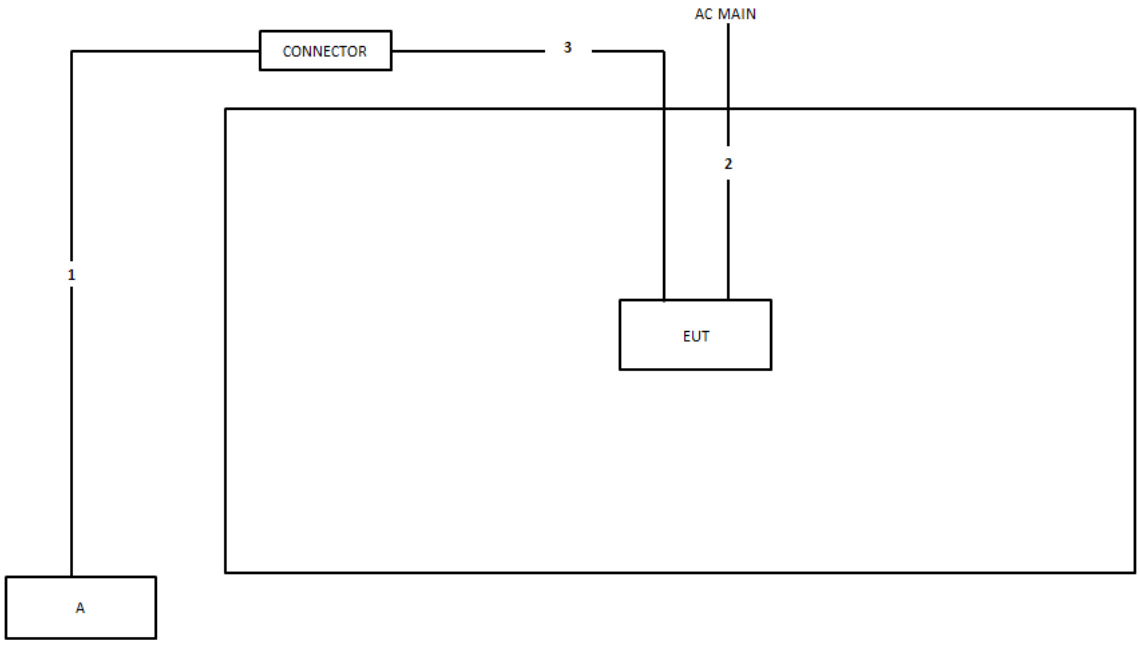
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



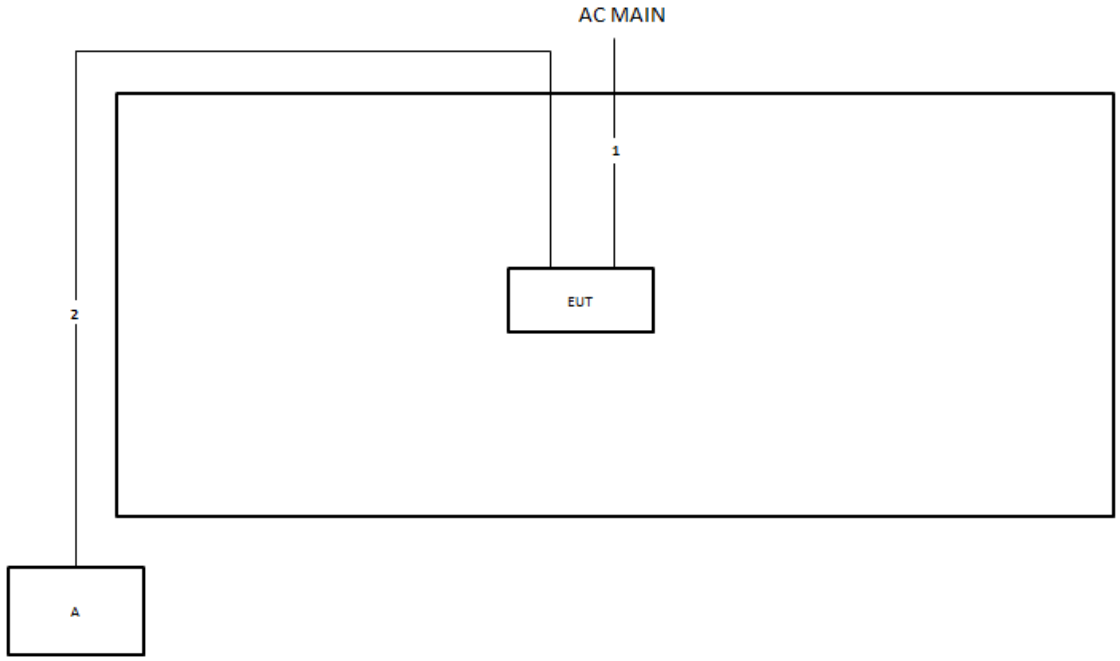
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	1.5m
4	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



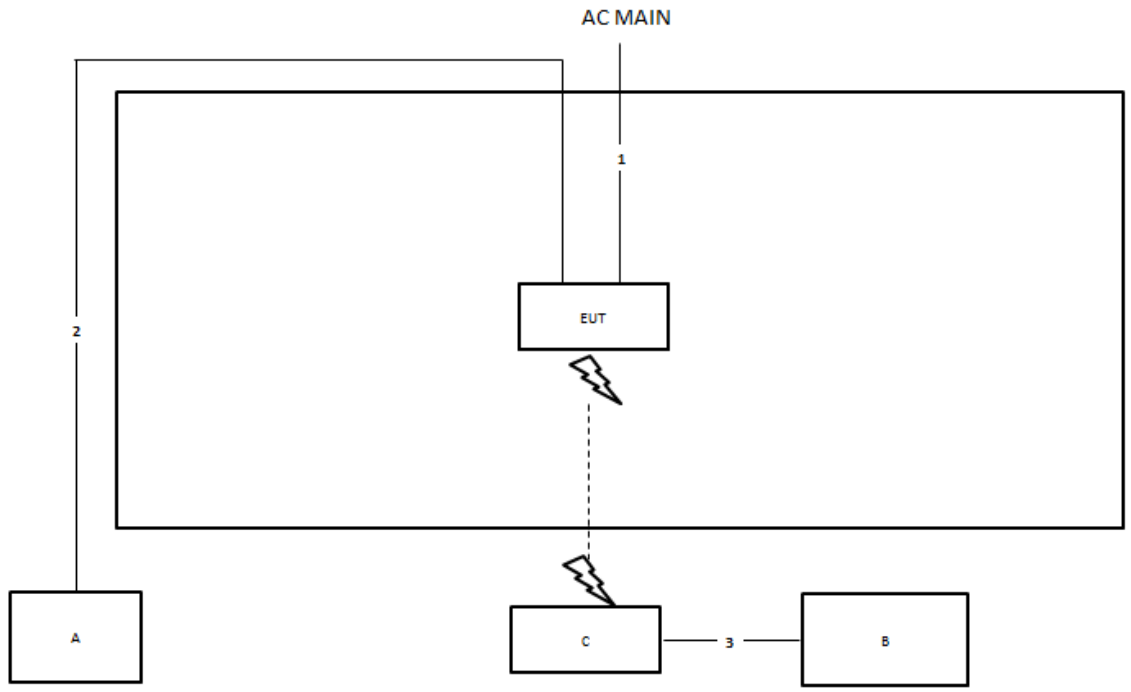
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.8m
3	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz
Non-beamforming mode



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

Test Setup Diagram - Radiated Test > 1GHz
Beamforming mode



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

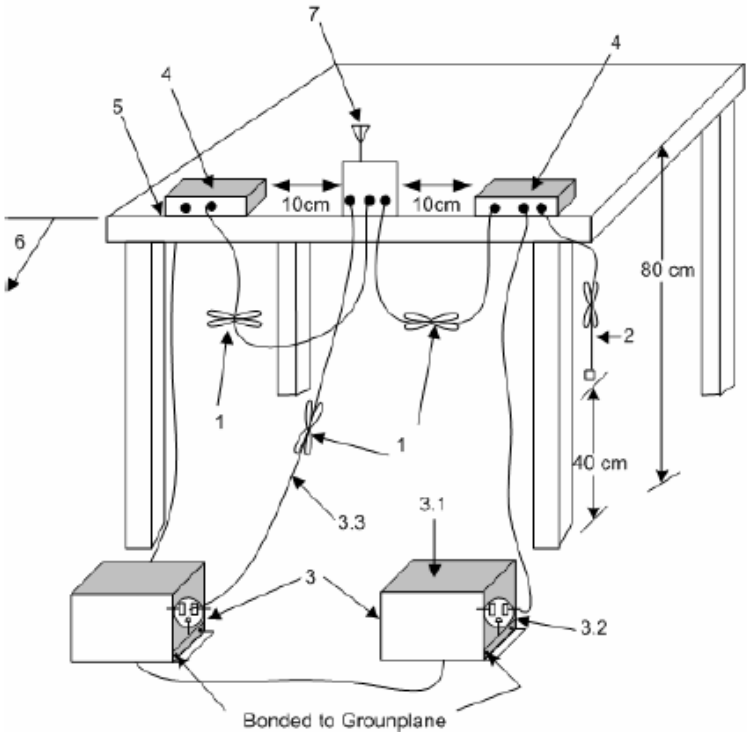
Refer a test equipment and calibration data table in this test report.

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.

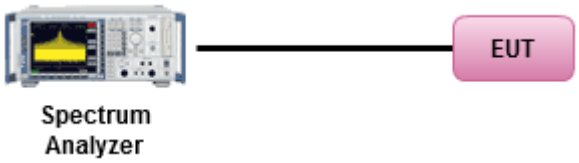
3.2.2 Measuring Instruments

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

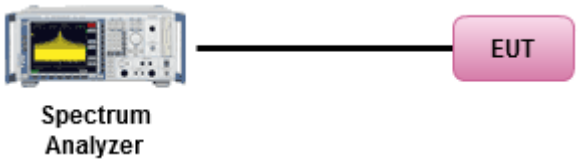
3.4.2 Measuring Instruments

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.	

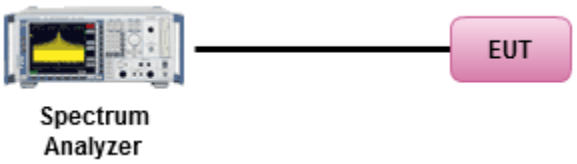
3.5.2 Measuring Instruments

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.

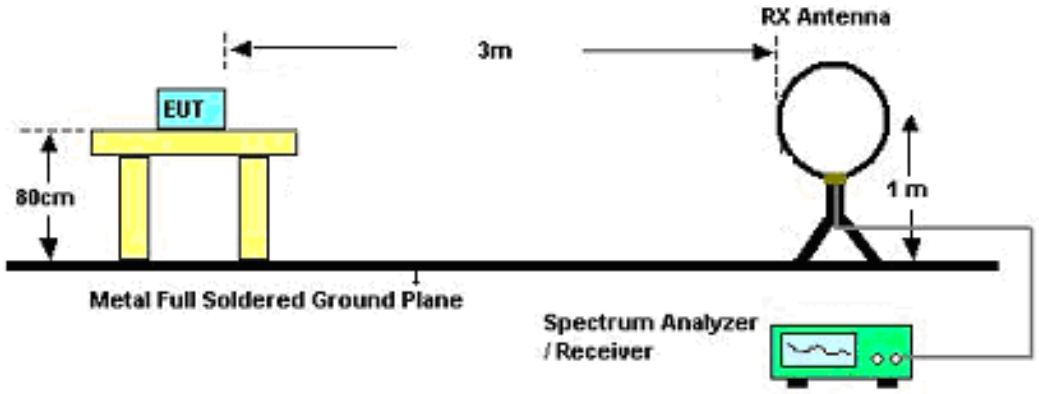
3.6.3 Test Procedures

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.		

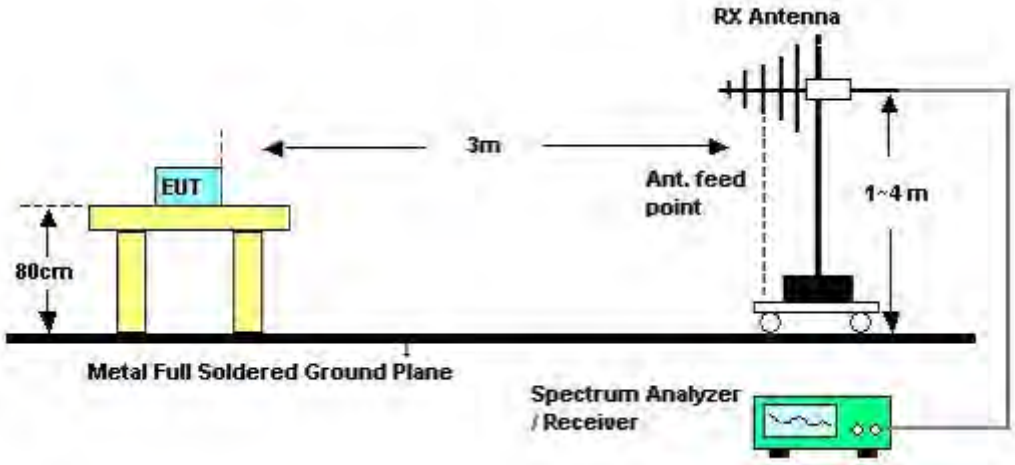
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

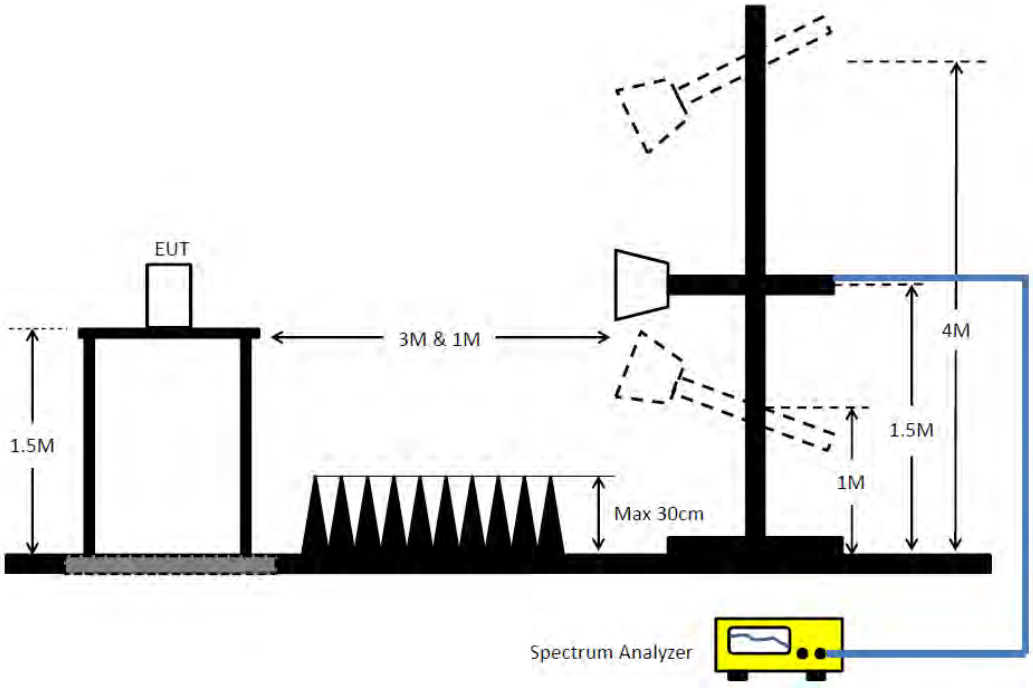
9kHz ~30MHz



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	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	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)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	May 04, 2021	May 03, 2022	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-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. 26, 2021	Mar. 25, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 27, 2021	Apr. 26, 2022	Radiation (03CH05-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 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)
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)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	Mar. 22, 2021	Mar. 21, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 15, 2021	Jul. 14, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 02, 2021	Aug. 01, 2022	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

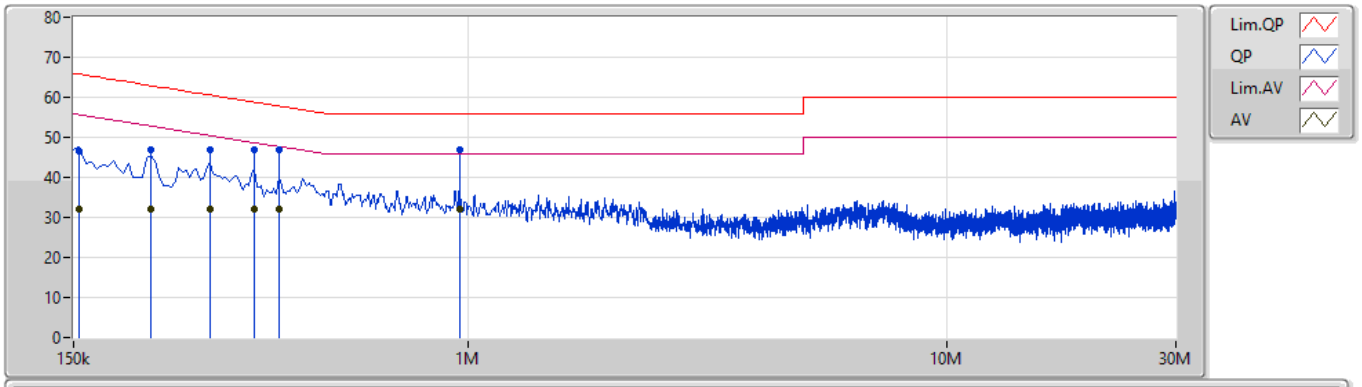
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	960k	46.81	56.00	-9.19	Line

Mode 2

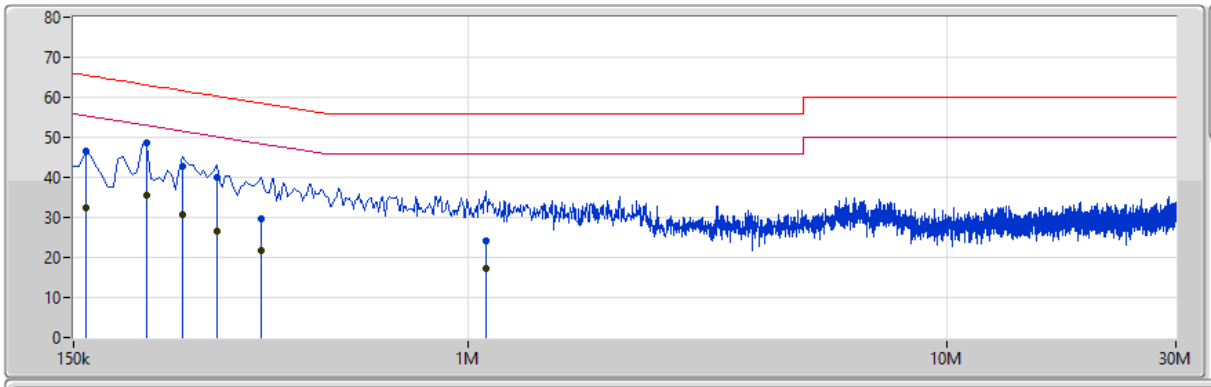
15/12/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT			
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)			
QP	154.5k	46.42	65.75	-19.33	9.89	Line	-	36.53	0.04	0.04	9.81			
AV	154.5k	31.98	55.75	-23.77	9.89	Line	-	22.09	0.04	0.04	9.81			
QP	217.5k	46.77	62.92	-16.15	9.89	Line	-	36.88	0.04	0.04	9.81			
AV	217.5k	32.04	52.92	-20.88	9.89	Line	-	22.15	0.04	0.04	9.81			
QP	289.5k	46.78	60.53	-13.75	9.90	Line	-	36.88	0.04	0.04	9.82			
AV	289.5k	32.05	50.53	-18.48	9.90	Line	-	22.15	0.04	0.04	9.82			
QP	357k	46.78	58.79	-12.01	9.90	Line	-	36.88	0.04	0.04	9.82			
AV	357k	32.05	48.79	-16.74	9.90	Line	-	22.15	0.04	0.04	9.82			
QP	402k	46.78	57.82	-11.04	9.90	Line	-	36.88	0.04	0.04	9.82			
AV	402k	32.05	47.82	-15.77	9.90	Line	-	22.15	0.04	0.04	9.82			
QP	960k	46.81	56.00	-9.19	9.93	Line	"Worst"	36.88	0.06	0.04	9.83			
AV	960k	32.08	46.00	-13.92	9.93	Line	-	22.15	0.06	0.04	9.83			

Mode 2

15/12/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	46.56	65.52	-18.96	9.88	Neutral	-	36.68	0.03	0.04	9.81
AV	159k	32.31	55.52	-23.21	9.88	Neutral	-	22.43	0.03	0.04	9.81
QP	213k	48.46	63.09	-14.63	9.88	Neutral	"Worst"	38.58	0.03	0.04	9.81
AV	213k	35.41	53.09	-17.68	9.88	Neutral	-	25.53	0.03	0.04	9.81
QP	253.5k	42.74	61.64	-18.90	9.88	Neutral	-	32.86	0.03	0.04	9.81
AV	253.5k	30.86	51.64	-20.78	9.88	Neutral	-	20.98	0.03	0.04	9.81
QP	298.5k	40.05	60.28	-20.23	9.89	Neutral	-	30.16	0.03	0.04	9.82
AV	298.5k	26.59	50.28	-23.69	9.89	Neutral	-	16.70	0.03	0.04	9.82
QP	370.5k	29.74	58.49	-28.75	9.89	Neutral	-	19.85	0.03	0.04	9.82
AV	370.5k	21.85	48.49	-26.64	9.89	Neutral	-	11.96	0.03	0.04	9.82
QP	1.086M	24.28	56.00	-31.72	9.92	Neutral	-	14.36	0.05	0.04	9.83
AV	1.086M	17.18	46.00	-28.82	9.92	Neutral	-	7.26	0.05	0.04	9.83

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	8.525M	13.143M	13M1G1D	7.525M	12.744M
802.11g_Nss1,(6Mbps)_4TX	15.275M	17.291M	17M3D1D	13.85M	16.442M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.825M	19.34M	19M3D1D	16.2M	18.791M
802.11ax HEW40_Nss1,(MCS0)_4TX	38M	38.081M	38M1D1D	32.6M	37.581M

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

Result

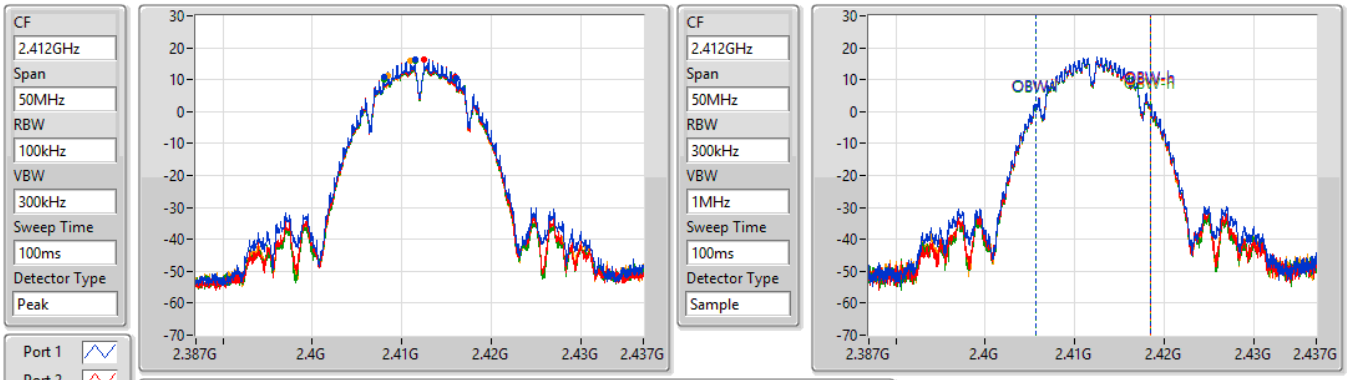
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8.075M	12.844M	7.975M	12.844M	8.05M	12.794M	7.525M	12.769M
2437MHz	Pass	500k	8.025M	13.043M	8.525M	13.143M	8.025M	13.068M	8.525M	13.093M
2462MHz	Pass	500k	8.525M	12.944M	8.025M	12.744M	8.05M	12.869M	8.05M	12.919M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.075M	16.467M	15.075M	16.467M	15.125M	16.467M	15.05M	16.442M
2437MHz	Pass	500k	15.075M	17.041M	15.075M	17.091M	15.075M	16.992M	15.075M	17.291M
2462MHz	Pass	500k	15.275M	16.717M	13.85M	16.517M	14.975M	16.517M	15.1M	16.717M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.625M	18.816M	16.85M	18.866M	17.95M	18.816M	17.15M	18.791M
2437MHz	Pass	500k	18M	19.24M	18.625M	19.34M	18.775M	19.19M	18.825M	19.29M
2462MHz	Pass	500k	16.475M	18.891M	16.2M	18.891M	16.5M	18.966M	17.675M	18.916M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	32.6M	37.581M	35M	37.631M	35M	37.581M	35M	37.631M
2437MHz	Pass	500k	38M	37.981M	37.65M	38.081M	37M	37.981M	37.6M	37.981M
2452MHz	Pass	500k	33.8M	37.581M	35.1M	37.631M	35.05M	37.631M	35.05M	37.631M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

06/11/2021

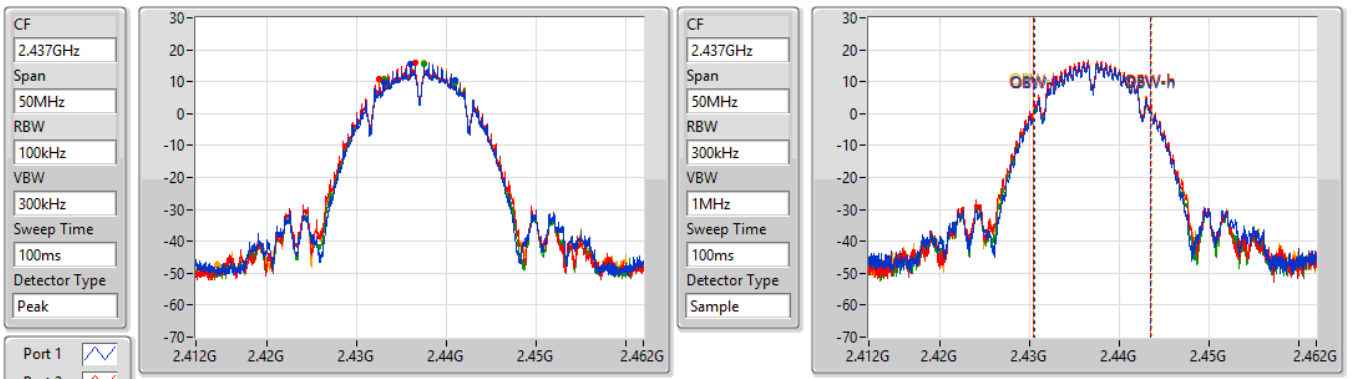


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.075M	2.407975G	2.41605G	12.844M	2.405653G	2.418497G	500k	1
7.975M	2.408G	2.415975G	12.844M	2.405628G	2.418472G	500k	2
8.05M	2.407975G	2.416025G	12.794M	2.405653G	2.418447G	500k	3
7.525M	2.408475G	2.416G	12.769M	2.405678G	2.418447G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

06/11/2021

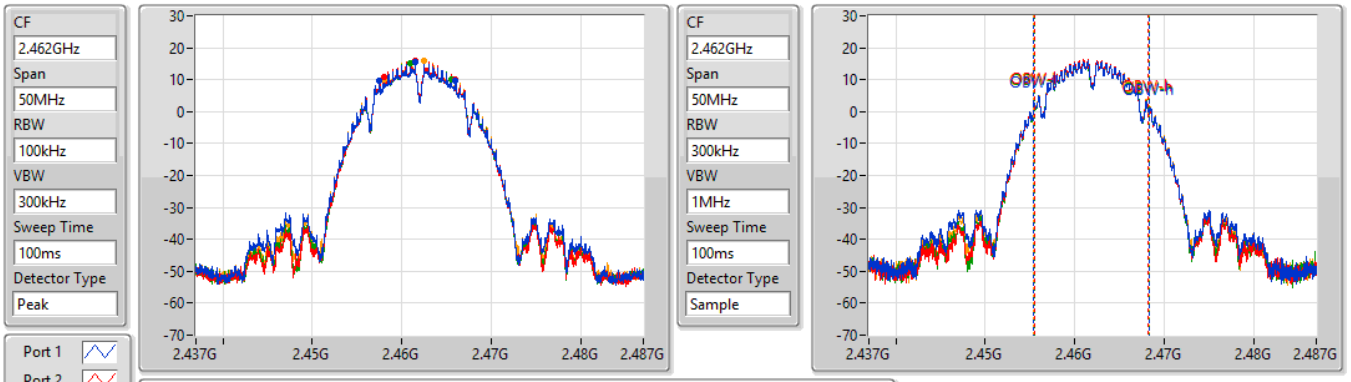


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.433G	2.441025G	13.043M	2.430478G	2.443522G	500k	1
8.525M	2.4325G	2.441025G	13.143M	2.430378G	2.443522G	500k	2
8.025M	2.433G	2.441025G	13.068M	2.430453G	2.443522G	500k	3
8.525M	2.4325G	2.441025G	13.093M	2.430453G	2.443547G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

06/11/2021

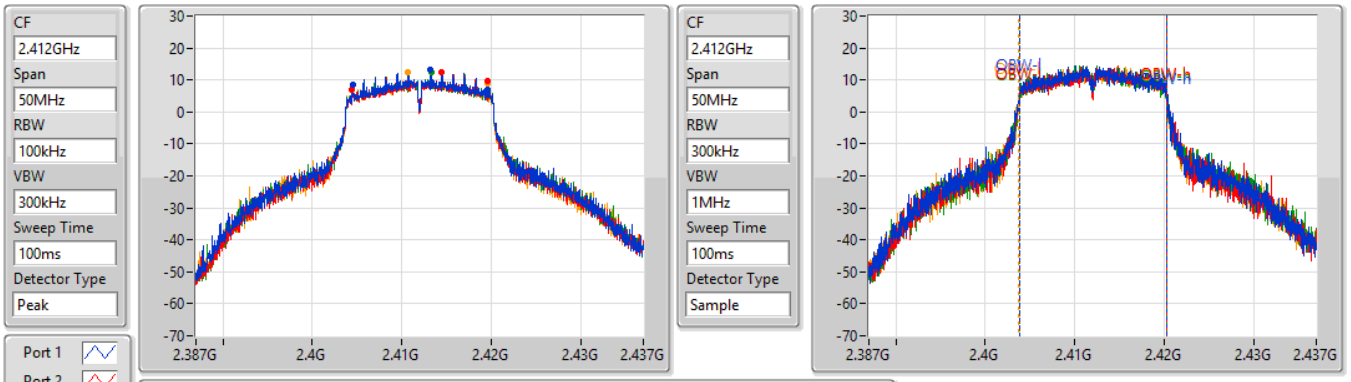


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.4575G	2.466025G	12.944M	2.455403G	2.468347G	500k	1
8.025M	2.458G	2.466025G	12.744M	2.455503G	2.468247G	500k	2
8.05M	2.4575G	2.46555G	12.869M	2.455478G	2.468347G	500k	3
8.05M	2.457975G	2.466025G	12.919M	2.455453G	2.468372G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

06/11/2021

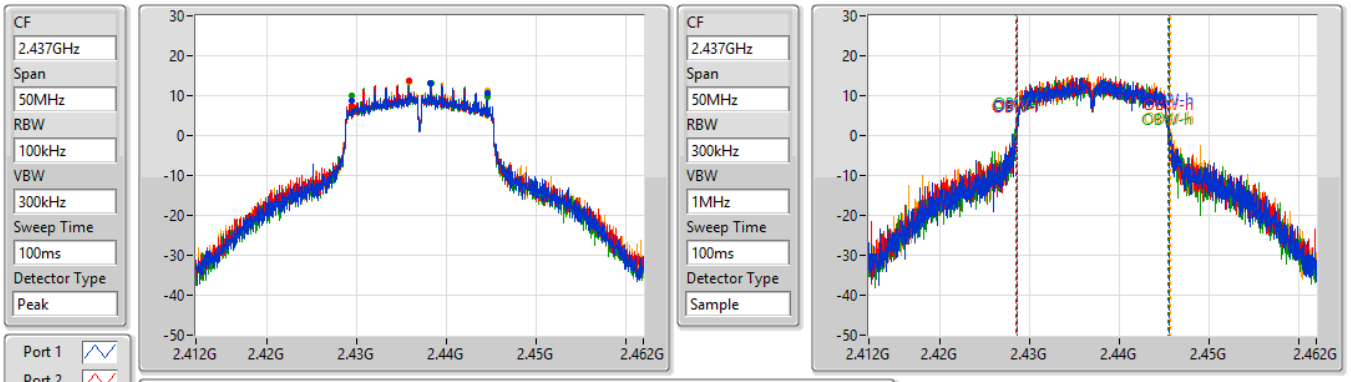


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.4045G	2.419575G	16.467M	2.403829G	2.420296G	500k	1
15.075M	2.40445G	2.419525G	16.467M	2.403804G	2.420271G	500k	2
15.125M	2.40445G	2.419575G	16.467M	2.403804G	2.420271G	500k	3
15.05M	2.4045G	2.41955G	16.442M	2.403779G	2.420221G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

06/11/2021

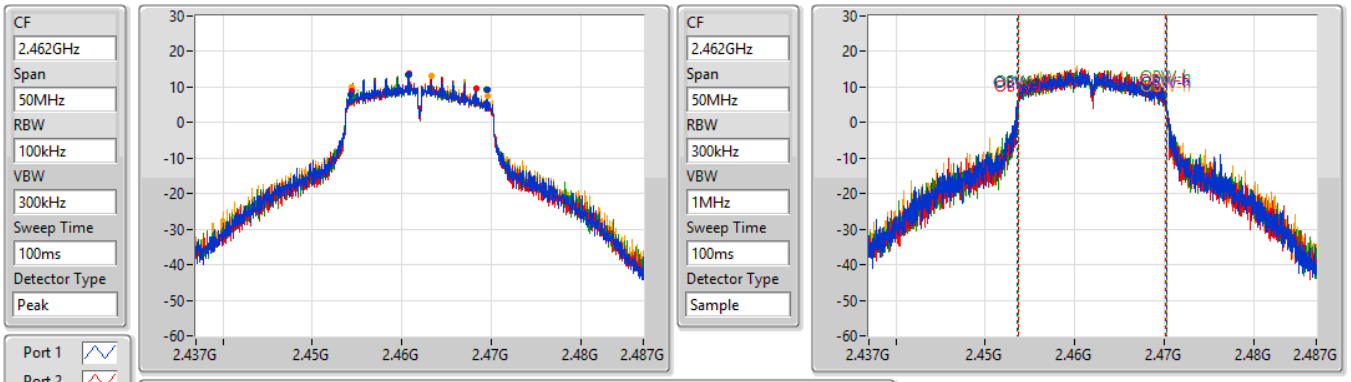


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.075M	2.42945G	2.444525G	17.041M	2.428554G	2.445596G	500k	1
15.075M	2.42945G	2.444525G	17.091M	2.428479G	2.445571G	500k	2
15.075M	2.429475G	2.44455G	16.992M	2.428504G	2.445496G	500k	3
15.075M	2.42945G	2.444525G	17.291M	2.428429G	2.445721G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

06/11/2021

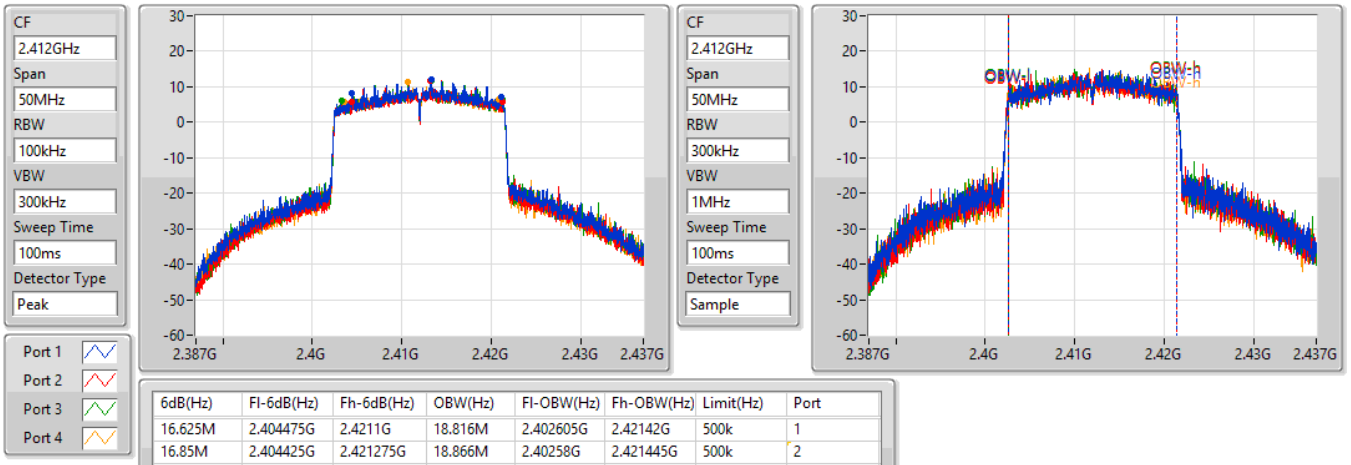


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.275M	2.45425G	2.469525G	16.717M	2.453504G	2.470221G	500k	1
13.85M	2.45445G	2.4683G	16.517M	2.453679G	2.470196G	500k	2
14.975M	2.4545G	2.469475G	16.517M	2.453704G	2.470221G	500k	3
15.1M	2.454475G	2.469575G	16.717M	2.453554G	2.470271G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

06/11/2021

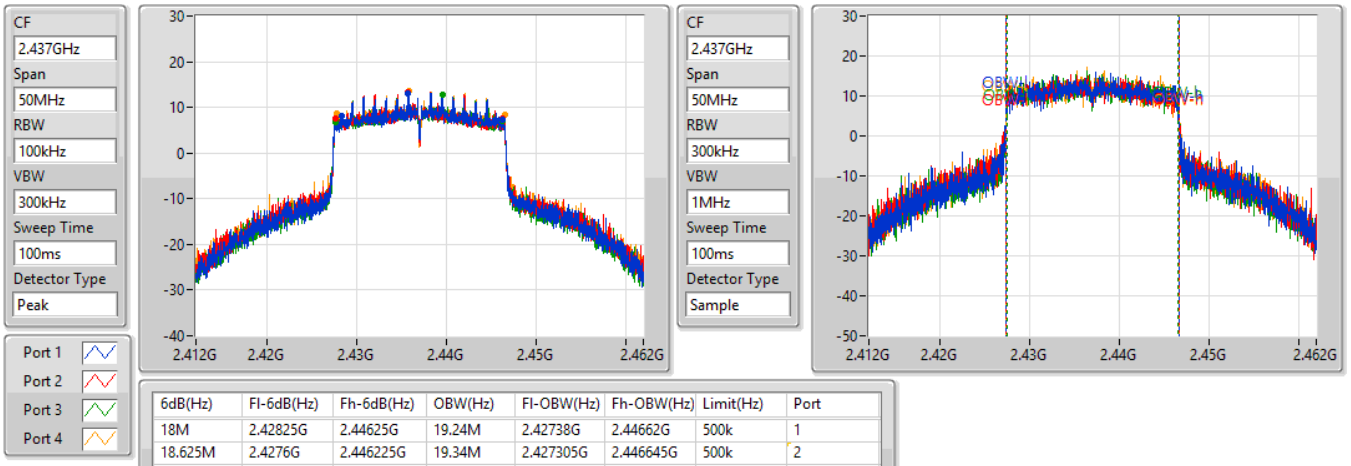


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.625M	2.404475G	2.4211G	18.816M	2.402605G	2.42142G	500k	1
16.85M	2.404425G	2.421275G	18.866M	2.40258G	2.421445G	500k	2
17.95M	2.40325G	2.4212G	18.816M	2.402605G	2.42142G	500k	3
17.15M	2.403625G	2.420775G	18.791M	2.402605G	2.421395G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

06/11/2021

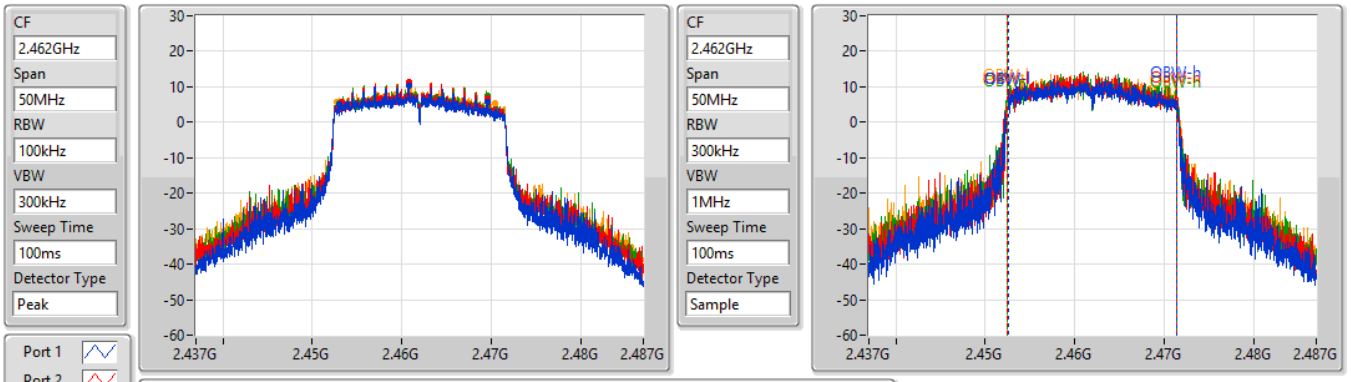


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18M	2.42825G	2.44625G	19.24M	2.42738G	2.44662G	500k	1
18.625M	2.4276G	2.446225G	19.34M	2.427305G	2.446645G	500k	2
18.775M	2.42755G	2.446325G	19.19M	2.427405G	2.446595G	500k	3
18.825M	2.427675G	2.4465G	19.29M	2.42738G	2.44667G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

06/11/2021

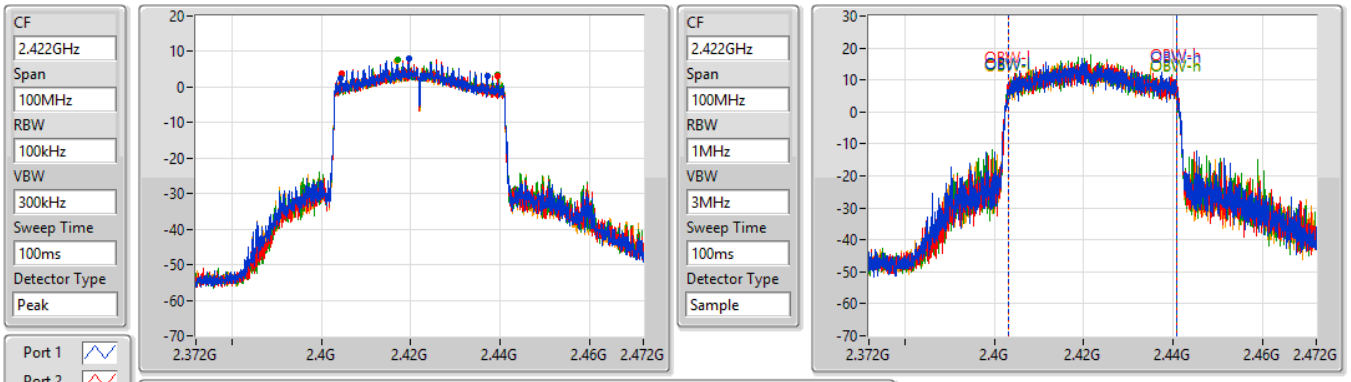


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.475M	2.453075G	2.46955G	18.891M	2.45253G	2.47142G	500k	1
16.2M	2.45335G	2.46955G	18.891M	2.452505G	2.471395G	500k	2
16.5M	2.453025G	2.469525G	18.966M	2.45248G	2.471445G	500k	3
17.675M	2.45275G	2.470425G	18.916M	2.452505G	2.47142G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

06/11/2021

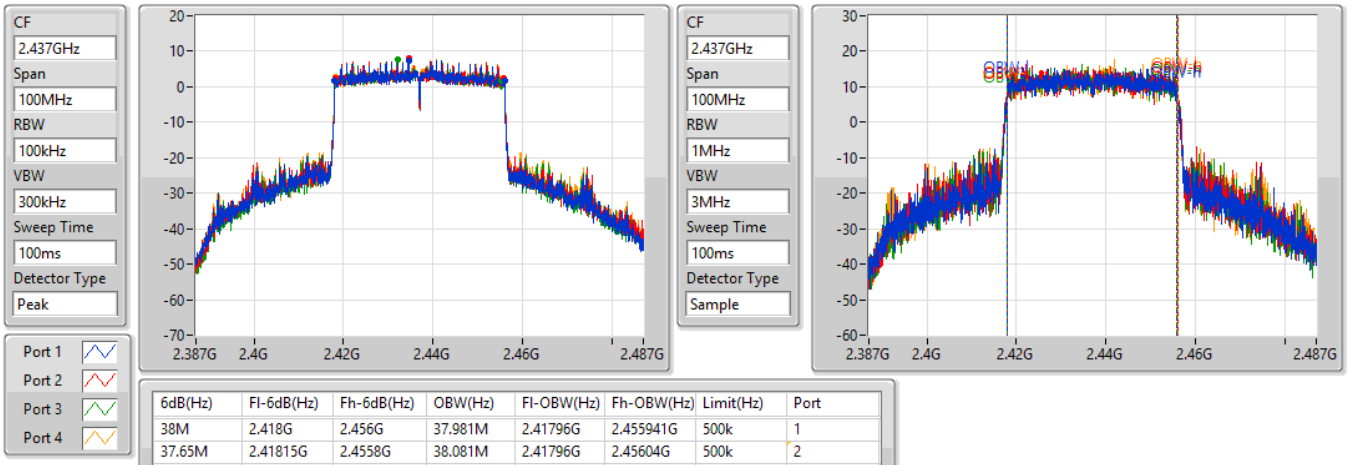


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.6M	2.40445G	2.43705G	37.581M	2.403109G	2.440691G	500k	1
35M	2.4045G	2.4395G	37.631M	2.403109G	2.440741G	500k	2
35M	2.4045G	2.4395G	37.581M	2.403109G	2.440691G	500k	3
35M	2.4045G	2.4395G	37.631M	2.403109G	2.440741G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

06/11/2021

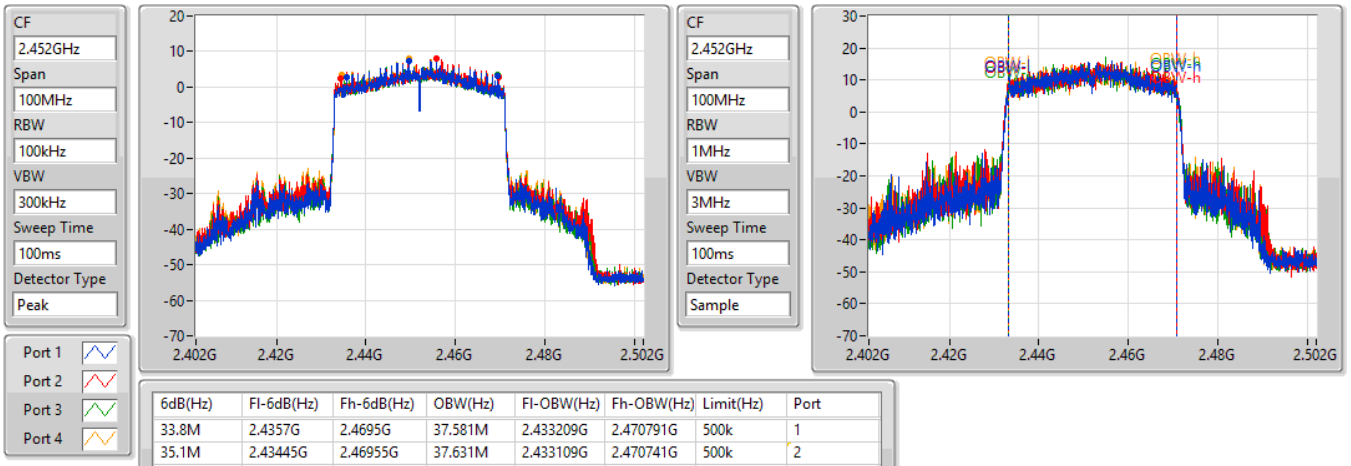


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38M	2.418G	2.456G	37.981M	2.41796G	2.455941G	500k	1
37.65M	2.41815G	2.4558G	38.081M	2.41796G	2.45604G	500k	2
37M	2.41815G	2.45515G	37.981M	2.41796G	2.455941G	500k	3
37.6M	2.41825G	2.45585G	37.981M	2.418009G	2.455991G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

06/11/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.4357G	2.4695G	37.581M	2.433209G	2.470791G	500k	1
35.1M	2.43445G	2.46955G	37.631M	2.433109G	2.470741G	500k	2
35.05M	2.43445G	2.4695G	37.631M	2.433159G	2.470791G	500k	3
35.05M	2.4345G	2.46955G	37.631M	2.433109G	2.470741G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.775M	18.991M	19M0D1D	16.4M	18.791M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.85M	37.931M	37M9D1D	33.75M	37.531M

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

Result

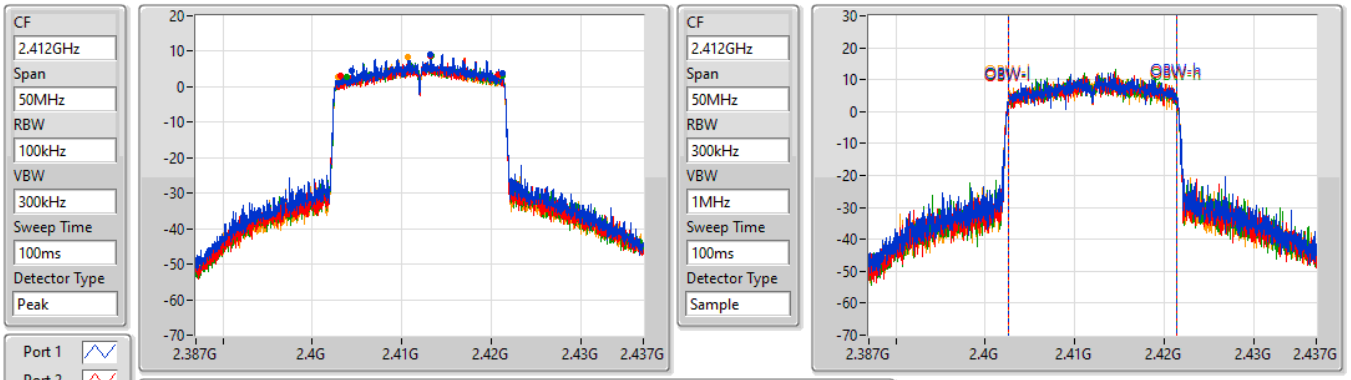
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.85M	18.791M	17.575M	18.791M	17.425M	18.791M	18.3M	18.816M
2437MHz	Pass	500k	18.6M	18.991M	18.25M	18.991M	18.775M	18.991M	18.425M	18.941M
2462MHz	Pass	500k	16.4M	18.916M	17.05M	18.866M	16.7M	18.916M	17.975M	18.966M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35M	37.581M	33.75M	37.581M	35M	37.581M	35.05M	37.781M
2437MHz	Pass	500k	37.8M	37.931M	37.65M	37.931M	37.65M	37.831M	37.85M	37.931M
2452MHz	Pass	500k	35M	37.531M	35M	37.581M	33.8M	37.531M	35M	37.581M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2412MHz

16/11/2021

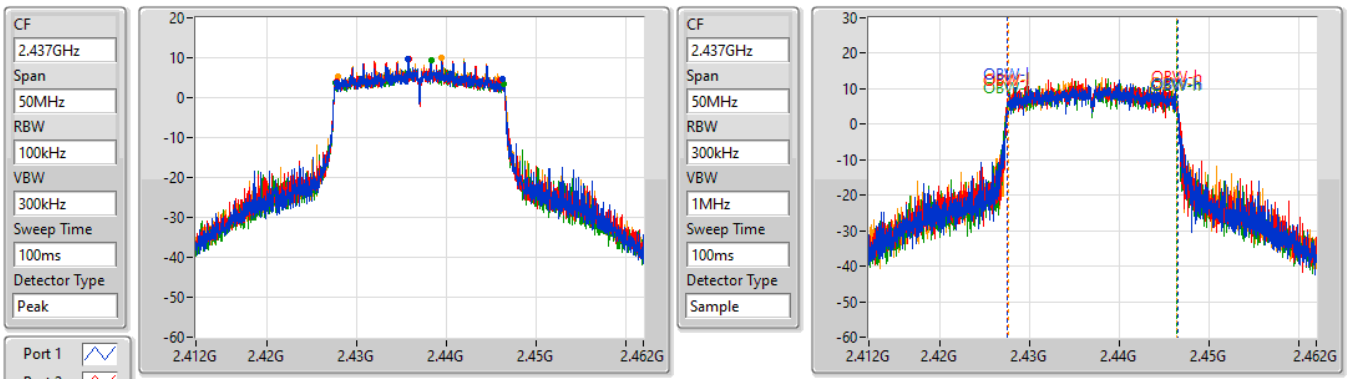


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.85M	2.404375G	2.421225G	18.791M	2.402655G	2.421445G	500k	1
17.575M	2.403225G	2.4208G	18.791M	2.40263G	2.42142G	500k	2
17.425M	2.403825G	2.42125G	18.791M	2.40263G	2.42142G	500k	3
18.3M	2.402875G	2.421175G	18.816M	2.402605G	2.42142G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2437MHz

16/11/2021

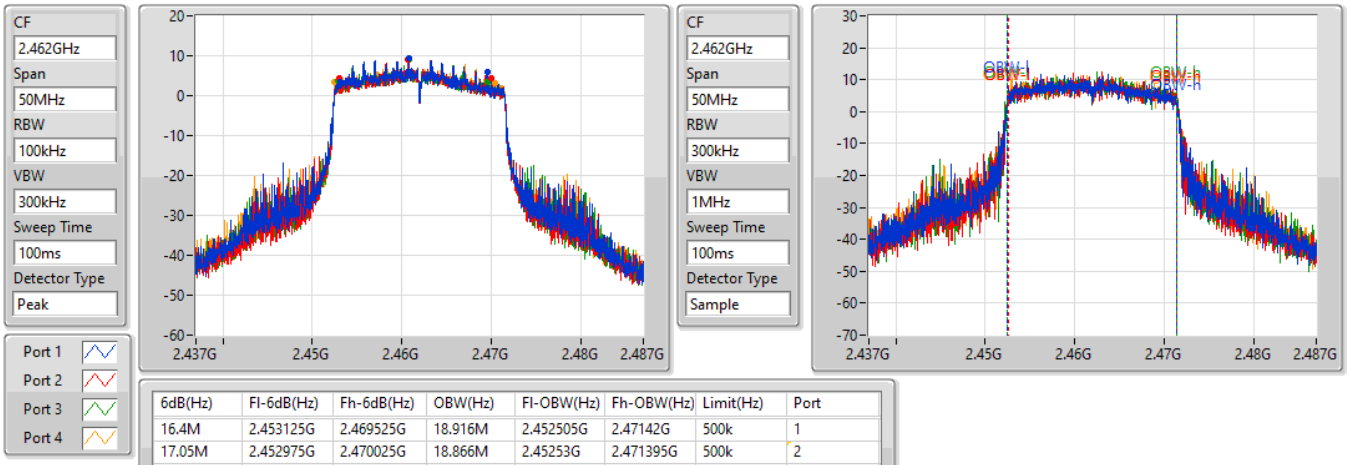


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	2.4277G	2.4463G	18.991M	2.427505G	2.446495G	500k	1
18.25M	2.427675G	2.445925G	18.991M	2.427505G	2.446495G	500k	2
18.775M	2.4276G	2.446375G	18.991M	2.42748G	2.44647G	500k	3
18.425M	2.427825G	2.44625G	18.941M	2.42753G	2.44647G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2462MHz

16/11/2021

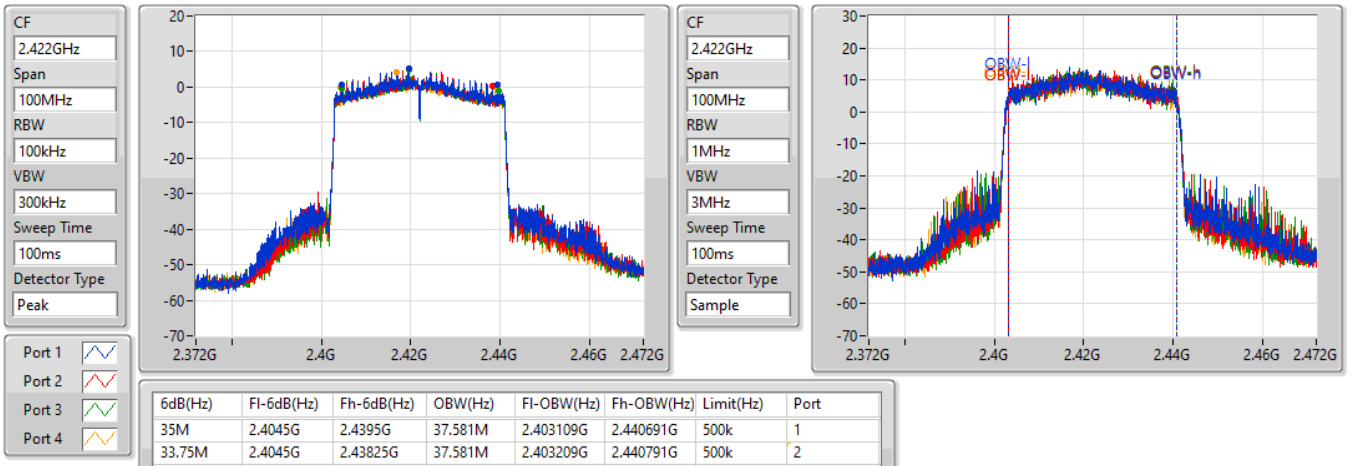


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.4M	2.453125G	2.469525G	18.916M	2.452505G	2.47142G	500k	1
17.05M	2.452975G	2.470025G	18.866M	2.45253G	2.471395G	500k	2
16.7M	2.452925G	2.469625G	18.916M	2.452505G	2.47142G	500k	3
17.975M	2.452475G	2.47045G	18.966M	2.452505G	2.47147G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2422MHz

16/11/2021

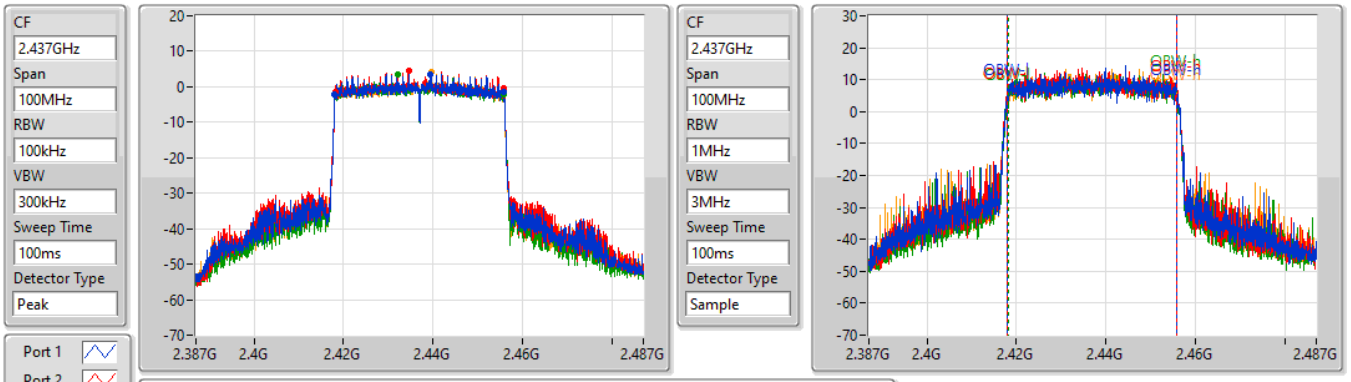


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4045G	2.4395G	37.581M	2.403109G	2.440691G	500k	1
33.75M	2.4045G	2.43825G	37.581M	2.403209G	2.440791G	500k	2
35M	2.40455G	2.43955G	37.581M	2.403209G	2.440791G	500k	3
35.05M	2.40445G	2.4395G	37.781M	2.403109G	2.440891G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2437MHz

16/11/2021

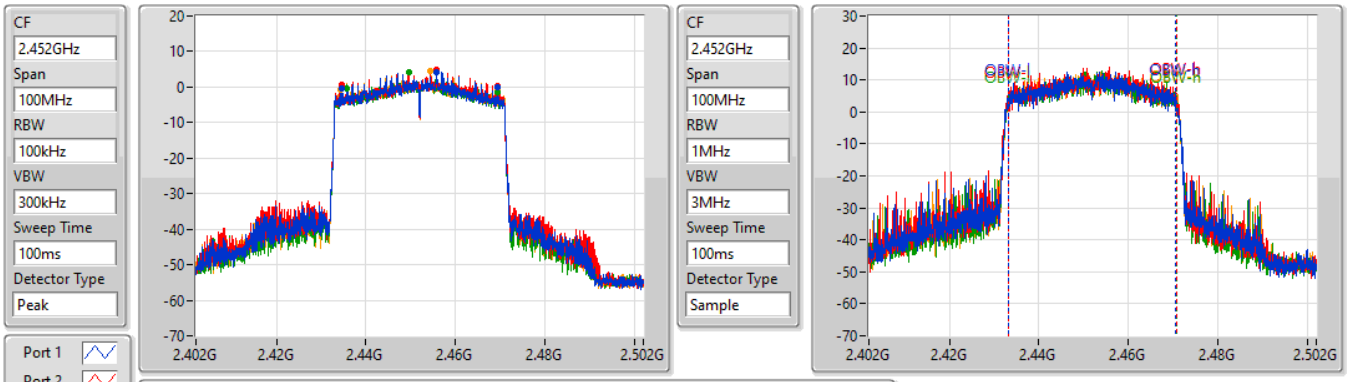


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.41805G	2.45585G	37.931M	2.418009G	2.455941G	500k	1
37.65M	2.41815G	2.4558G	37.931M	2.418009G	2.455941G	500k	2
37.65M	2.41815G	2.4558G	37.831M	2.418059G	2.455891G	500k	3
37.85M	2.418G	2.45585G	37.931M	2.418009G	2.455941G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2452MHz

16/11/2021



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35M	2.4345G	2.4695G	37.531M	2.433109G	2.470641G	500k	1
35M	2.4345G	2.4695G	37.581M	2.433109G	2.470691G	500k	2
33.8M	2.4357G	2.4695G	37.531M	2.433159G	2.470691G	500k	3
35M	2.43445G	2.46945G	37.581M	2.433209G	2.470791G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.90	0.97724
802.11g_Nss1,(6Mbps)_4TX	29.89	0.97499
802.11ax HEW20_Nss1,(MCS0)_4TX	29.93	0.98401
802.11ax HEW40_Nss1,(MCS0)_4TX	27.61	0.57677

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.01	23.57	23.78	23.64	23.79	29.72	30.00
2437MHz	Pass	3.01	23.74	23.80	23.78	24.19	29.90	30.00
2462MHz	Pass	3.01	23.61	23.74	23.79	23.94	29.79	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.01	23.31	23.01	23.13	23.07	29.15	30.00
2417MHz	Pass	3.01	24.11	23.90	23.89	23.58	29.89	30.00
2437MHz	Pass	3.01	23.72	23.69	23.55	23.73	29.69	30.00
2457MHz	Pass	3.01	23.72	24.05	23.51	24.12	29.88	30.00
2462MHz	Pass	3.01	23.51	23.65	23.62	23.81	29.67	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.01	22.66	22.35	22.49	22.70	28.57	30.00
2417MHz	Pass	3.01	23.88	23.62	23.85	23.53	29.74	30.00
2437MHz	Pass	3.01	23.84	23.93	23.74	24.11	29.93	30.00
2457MHz	Pass	3.01	23.75	23.85	23.37	24.45	29.89	30.00
2462MHz	Pass	3.01	21.19	21.82	21.94	22.38	27.87	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.01	20.84	20.83	20.84	20.69	26.82	30.00
2437MHz	Pass	3.01	21.50	21.65	21.46	21.76	27.61	30.00
2452MHz	Pass	3.01	20.43	20.75	20.43	20.84	26.64	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)_4TX	26.89	0.48865
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.96	0.39446

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.93	19.85	19.50	19.66	20.97	26.06	27.07
2417MHz	Pass	8.93	21.03	20.82	20.79	20.67	26.85	27.07
2437MHz	Pass	8.93	20.92	21.03	20.27	21.21	26.89	27.07
2457MHz	Pass	8.93	20.53	20.58	20.19	20.45	26.46	27.07
2462MHz	Pass	8.93	19.65	19.42	19.18	20.31	25.68	27.07
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.93	18.31	18.43	18.49	18.32	24.41	27.07
2437MHz	Pass	8.93	20.08	19.96	19.70	20.00	25.96	27.07
2452MHz	Pass	8.93	17.81	18.34	18.18	18.08	24.13	27.07

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-0.59
802.11g_Nss1,(6Mbps)_4TX	2.87
802.11ax HEW20_Nss1,(MCS0)_4TX	3.19
802.11ax HEW40_Nss1,(MCS0)_4TX	-3.53

RBW = 3kHz;

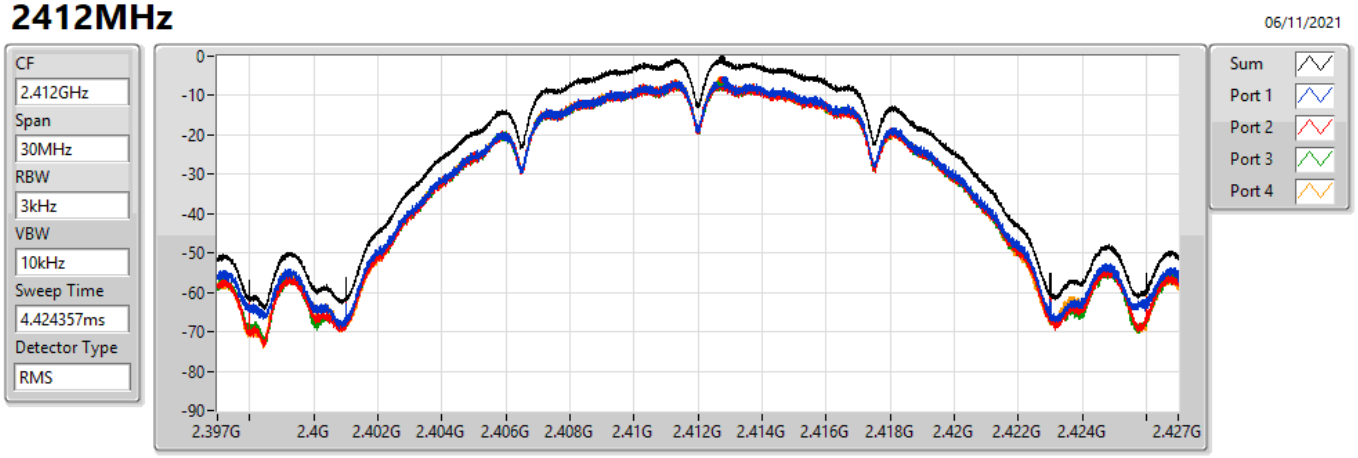
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.93	-6.05	-5.98	-6.79	-6.05	-0.59	5.07
2437MHz	Pass	8.93	-6.54	-6.65	-6.90	-6.33	-1.06	5.07
2462MHz	Pass	8.93	-6.98	-6.52	-6.75	-6.57	-1.09	5.07
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.93	-0.37	-1.77	-2.27	-0.97	2.41	5.07
2437MHz	Pass	8.93	-0.16	-0.68	-1.93	-1.55	2.80	5.07
2462MHz	Pass	8.93	-1.23	-0.48	-1.62	-1.09	2.87	5.07
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.93	-3.21	-3.19	-1.87	-2.84	1.95	5.07
2437MHz	Pass	8.93	-2.53	-1.58	-2.67	-2.25	3.19	5.07
2462MHz	Pass	8.93	-3.83	-3.26	-3.94	-4.13	1.57	5.07
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.93	-8.05	-7.50	-7.56	-7.98	-3.97	5.07
2437MHz	Pass	8.93	-6.60	-7.80	-6.88	-7.36	-3.53	5.07
2452MHz	Pass	8.93	-8.13	-6.64	-8.17	-8.42	-4.15	5.07

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)_4TX PSD

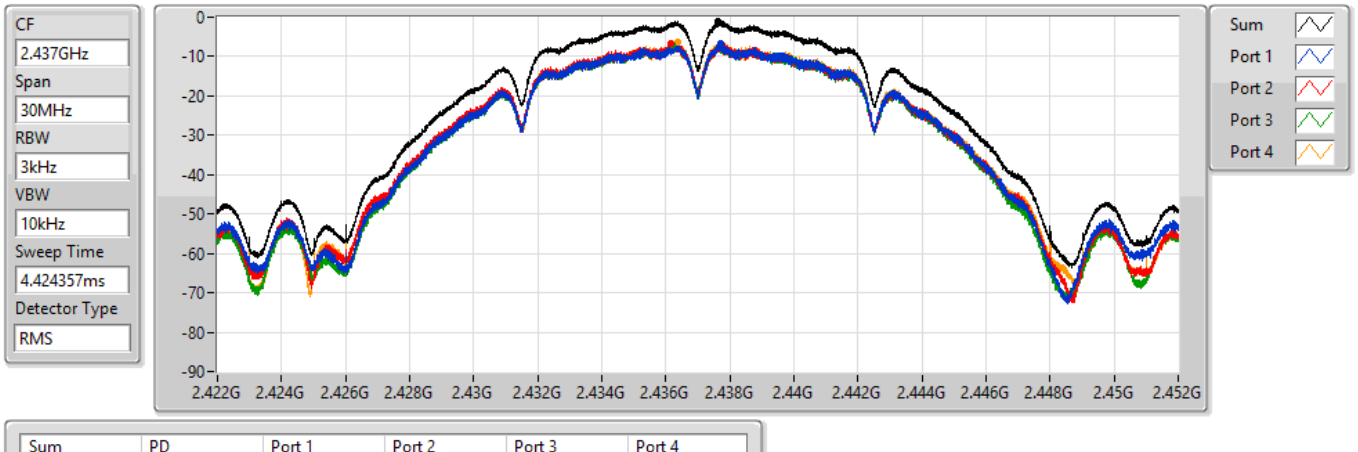
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.59	-0.59	-6.05	-5.98	-6.79	-6.05

802.11b_Nss1,(1Mbps)_4TX PSD

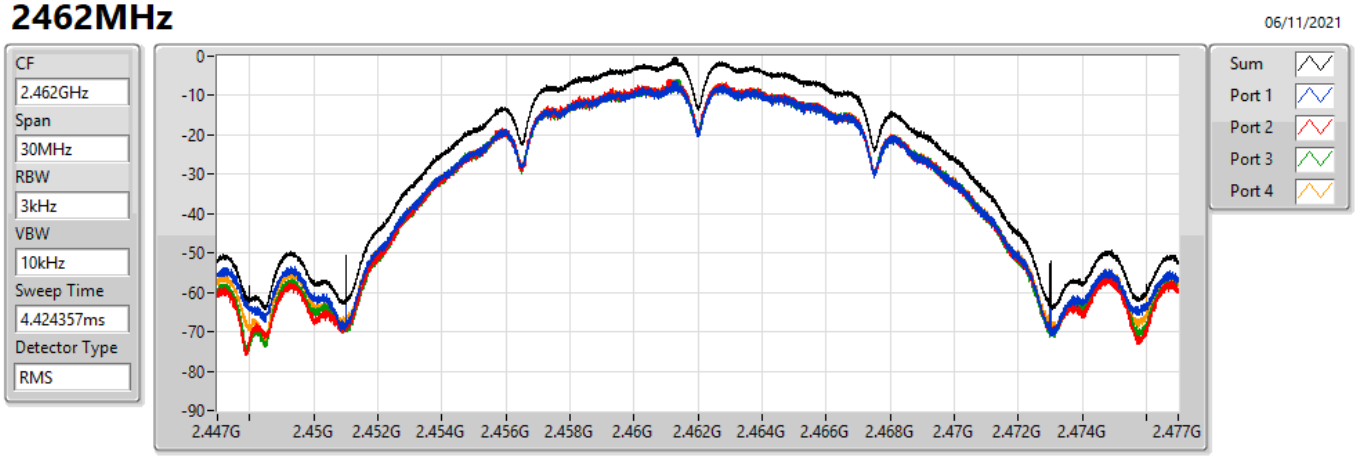
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.06	-1.06	-6.54	-6.65	-6.90	-6.33

802.11b_Nss1,(1Mbps)_4TX PSD

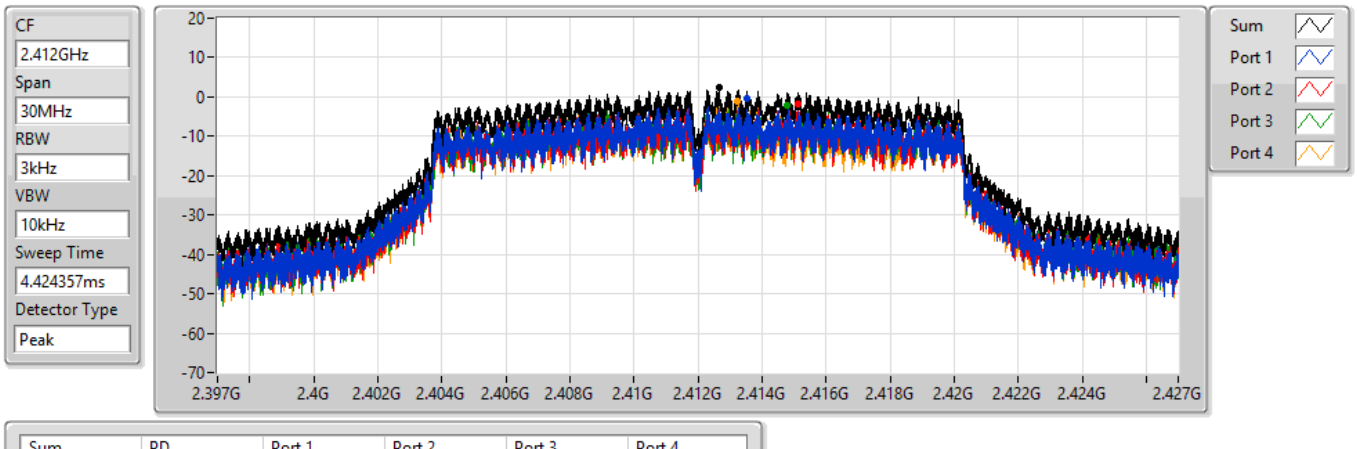
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.09	-1.09	-6.98	-6.52	-6.75	-6.57

802.11g_Nss1,(6Mbps)_4TX PSD

2412MHz

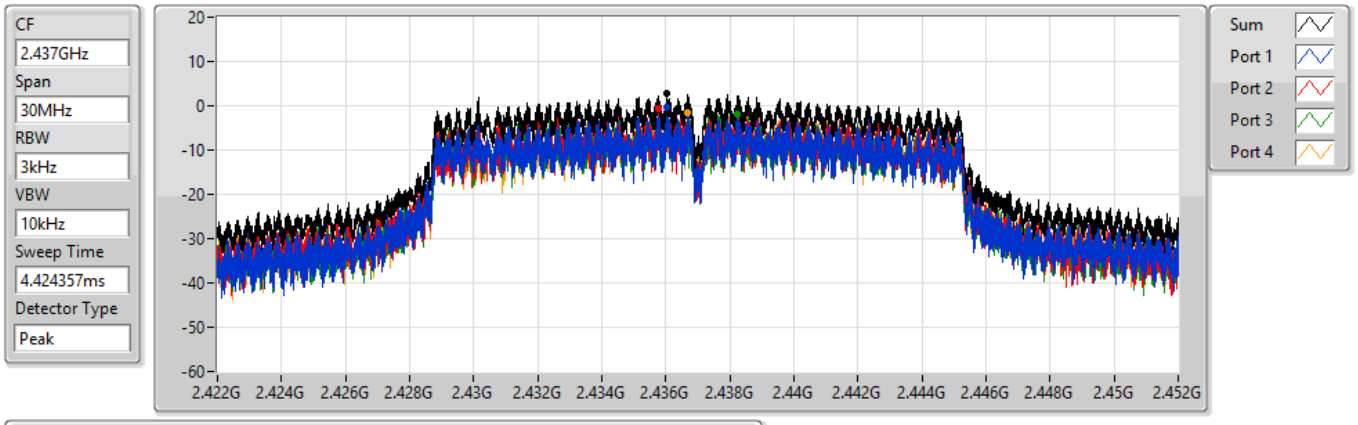


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.41	2.41	-0.37	-1.77	-2.27	-0.97

802.11g_Nss1,(6Mbps)_4TX PSD

2437MHz

06/11/2021

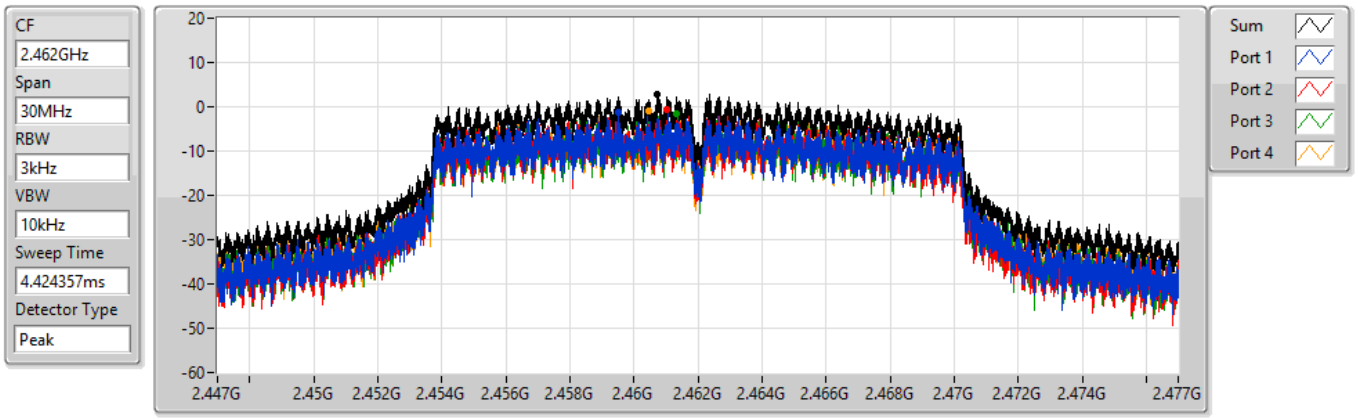


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.80	2.80	-0.16	-0.68	-1.93	-1.55

802.11g_Nss1,(6Mbps)_4TX PSD

2462MHz

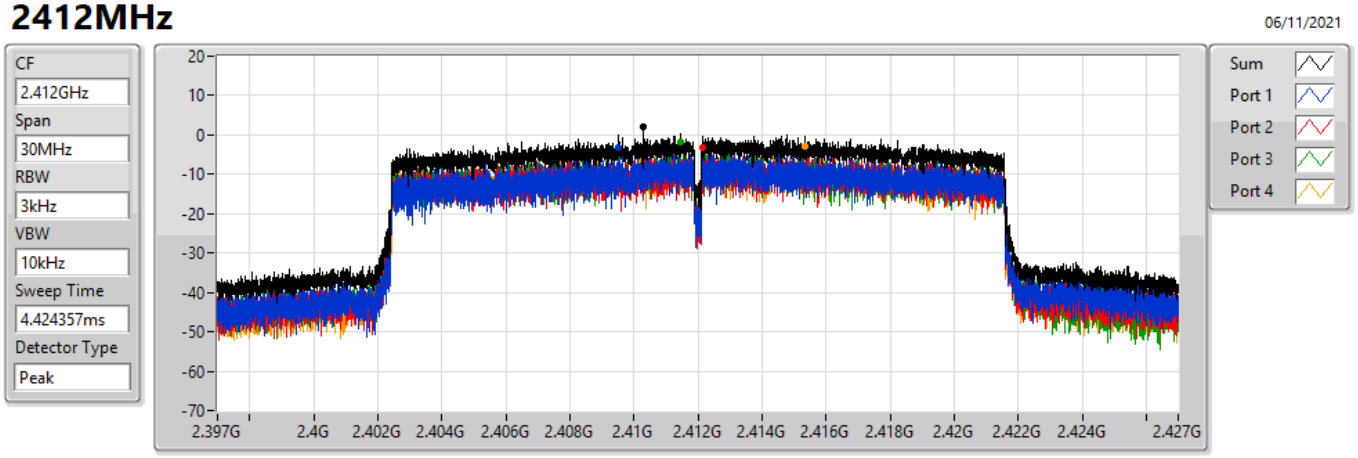
06/11/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.87	2.87	-1.23	-0.48	-1.62	-1.09

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

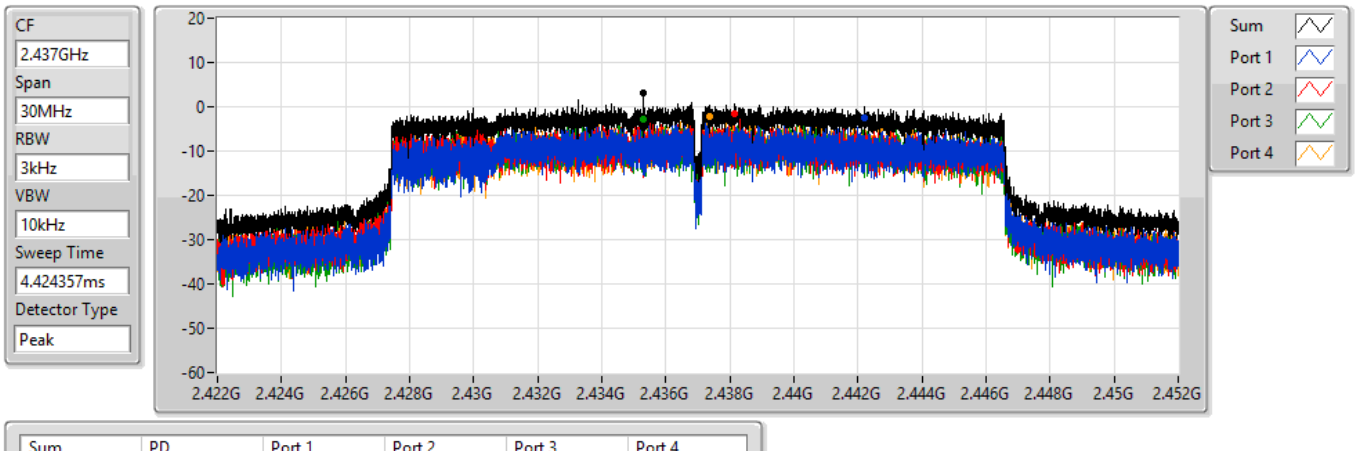
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-3.21	-3.19	-1.87	-2.84

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

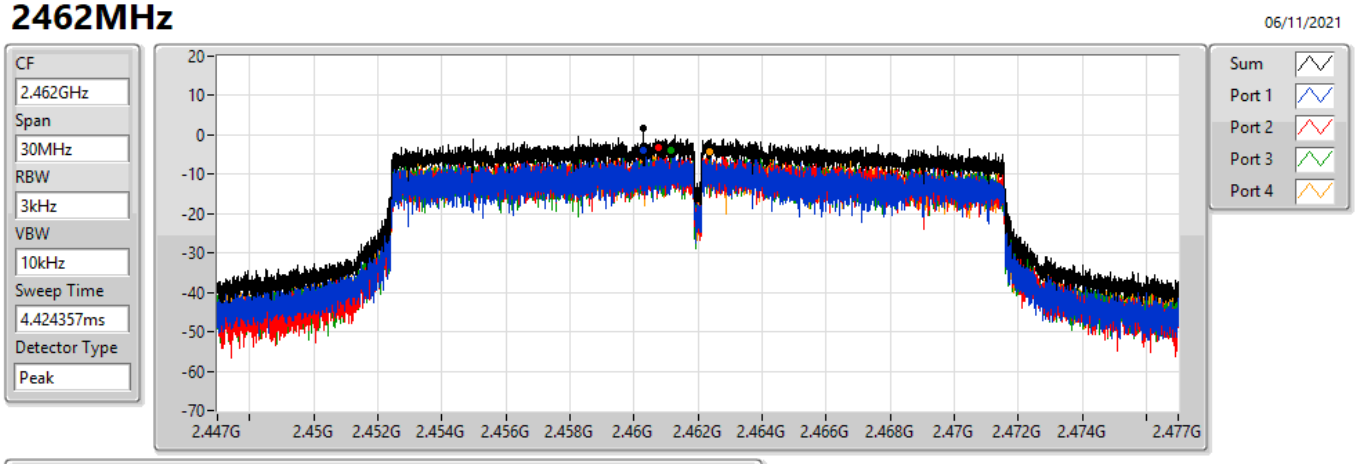
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.19	3.19	-2.53	-1.58	-2.67	-2.25

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

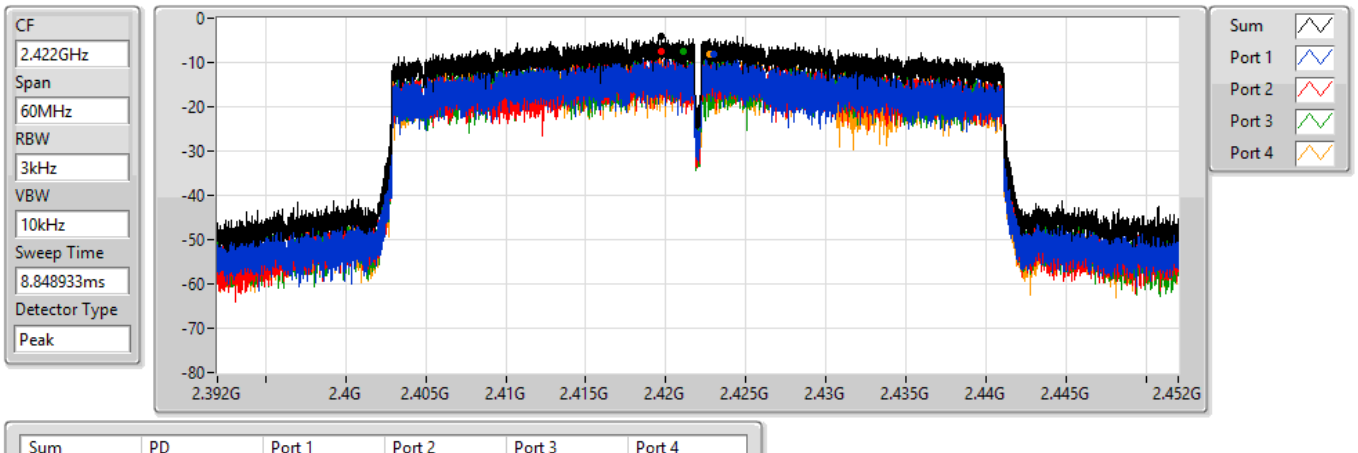
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.57	1.57	-3.83	-3.26	-3.94	-4.13

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

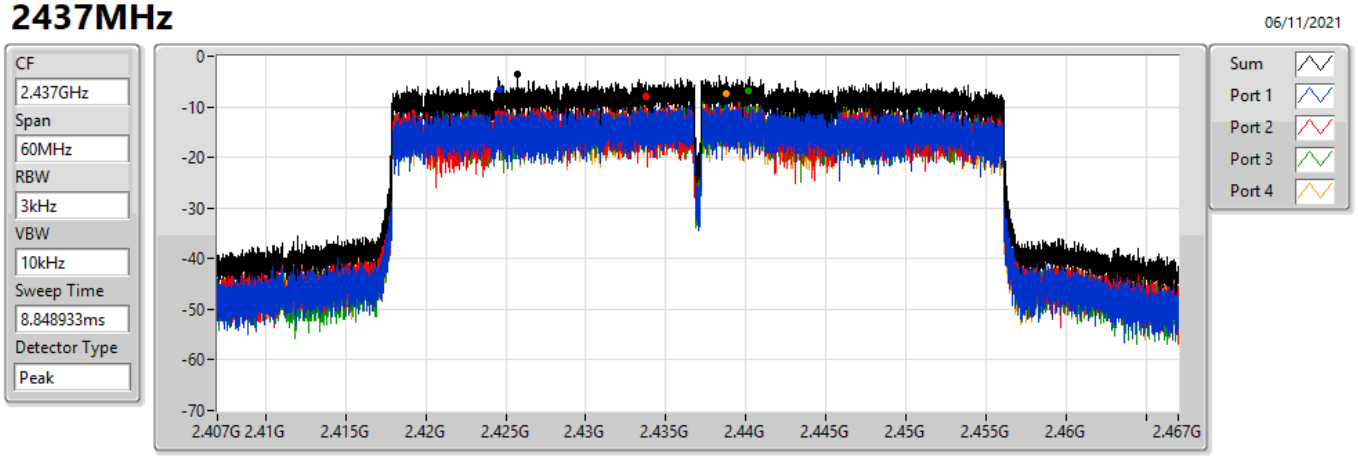
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.97	-3.97	-8.05	-7.50	-7.56	-7.98

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

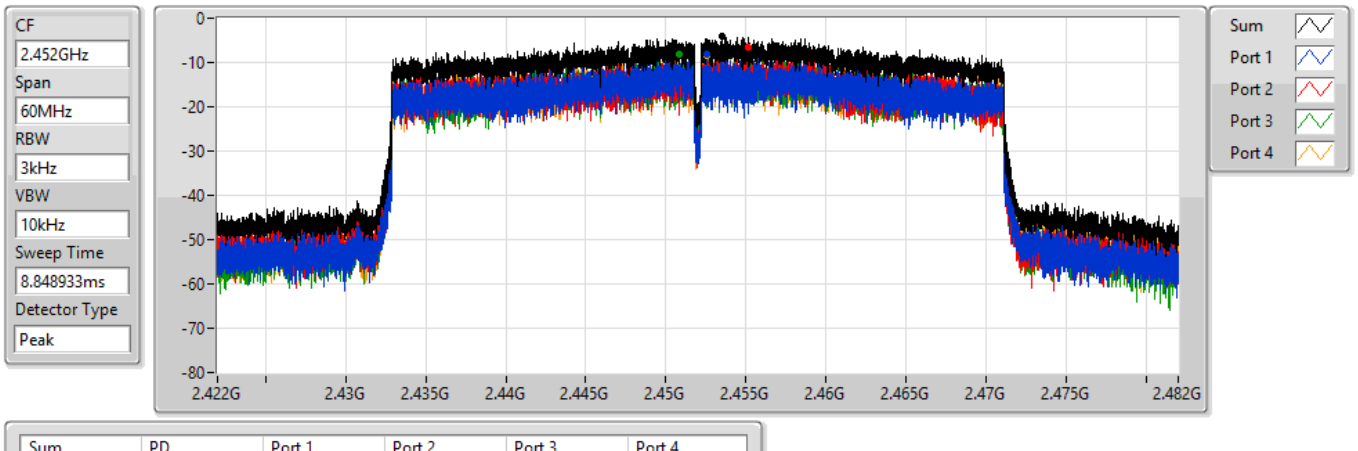
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.53	-3.53	-6.60	-7.80	-6.88	-7.36

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.15	-4.15	-8.13	-6.64	-8.17	-8.42

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-6.13

RBW = 3kHz;

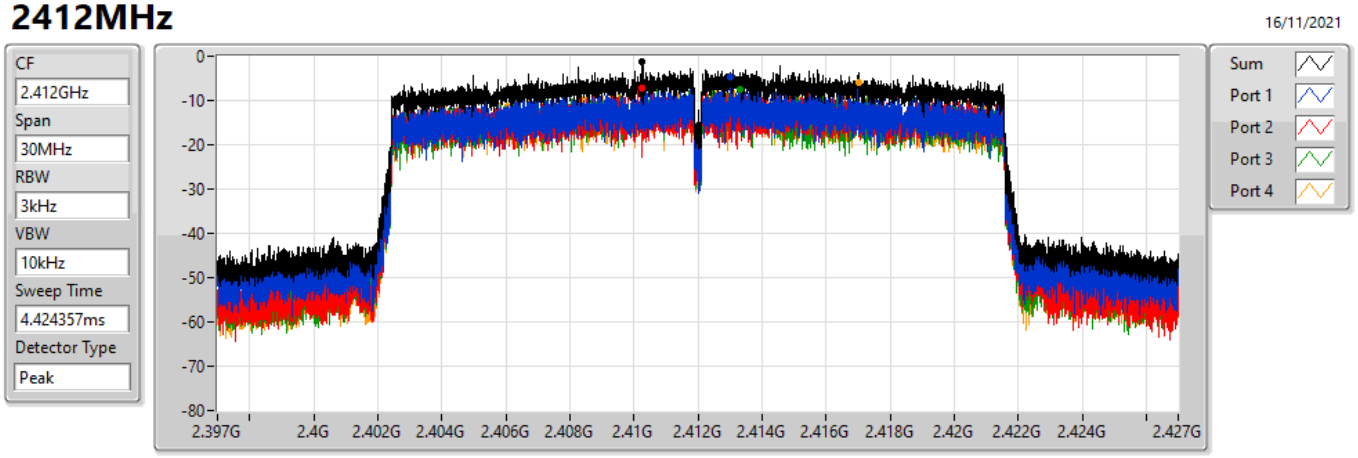
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	8.93	-4.80	-7.19	-7.57	-5.79	-1.22	5.07
2437MHz	Pass	8.93	-5.76	-5.27	-4.82	-6.00	-0.75	5.07
2462MHz	Pass	8.93	-6.17	-6.22	-5.71	-5.27	-2.30	5.07
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	8.93	-10.21	-10.14	-9.44	-10.28	-6.61	5.07
2437MHz	Pass	8.93	-9.67	-9.61	-10.10	-9.46	-6.13	5.07
2452MHz	Pass	8.93	-10.50	-9.36	-10.52	-10.60	-6.37	5.07

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;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

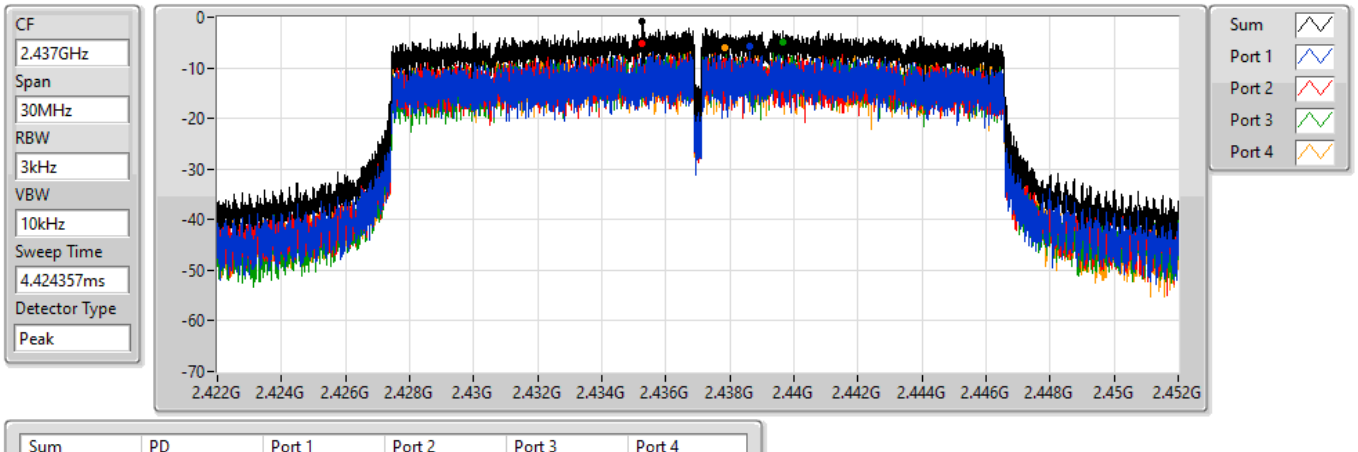
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.22	-1.22	-4.80	-7.19	-7.57	-5.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

2437MHz

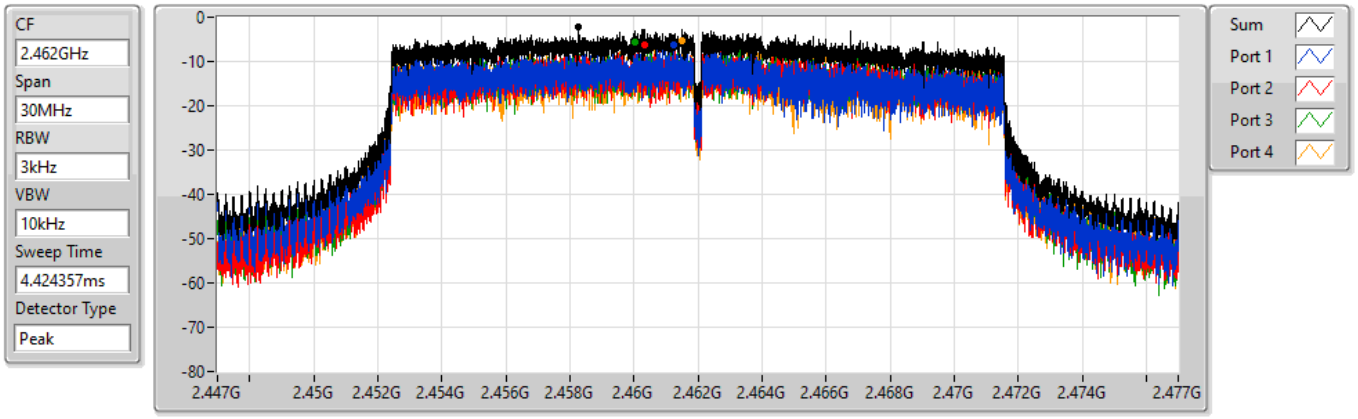


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.75	-0.75	-5.76	-5.27	-4.82	-6.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

2462MHz

16/11/2021

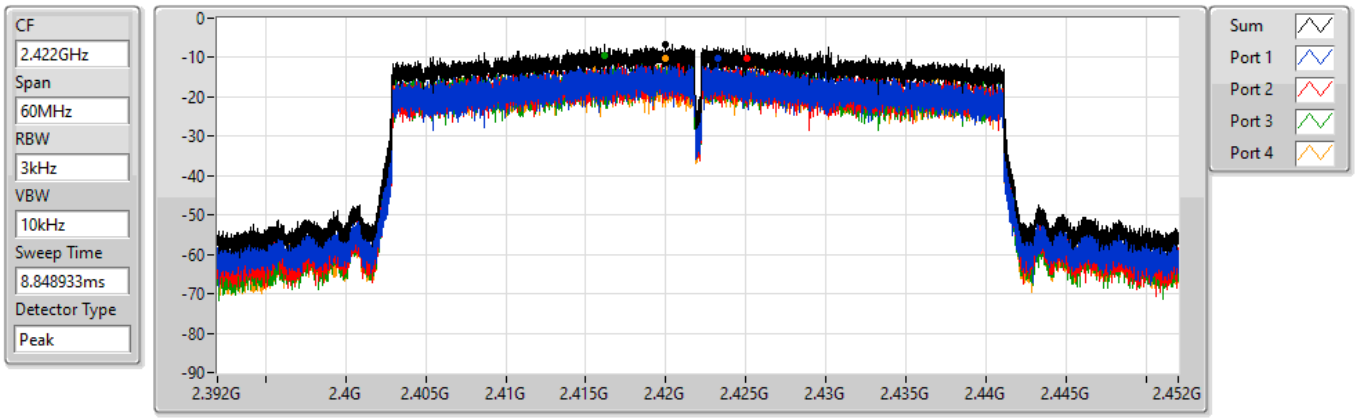


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.30	-2.30	-6.17	-6.22	-5.71	-5.27

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

2422MHz

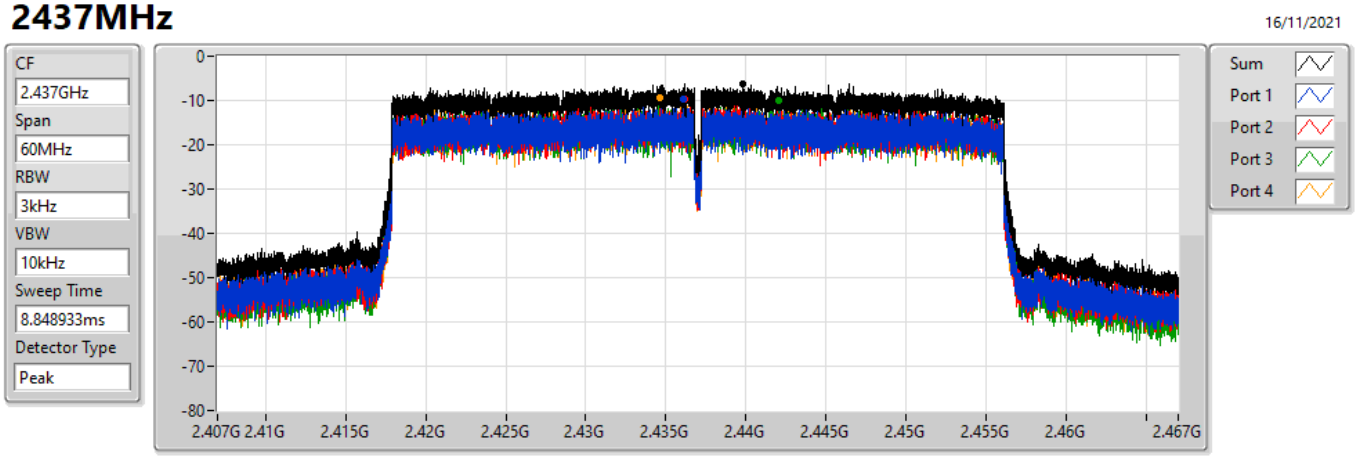
16/11/2021



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.61	-6.61	-10.21	-10.14	-9.44	-10.28

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

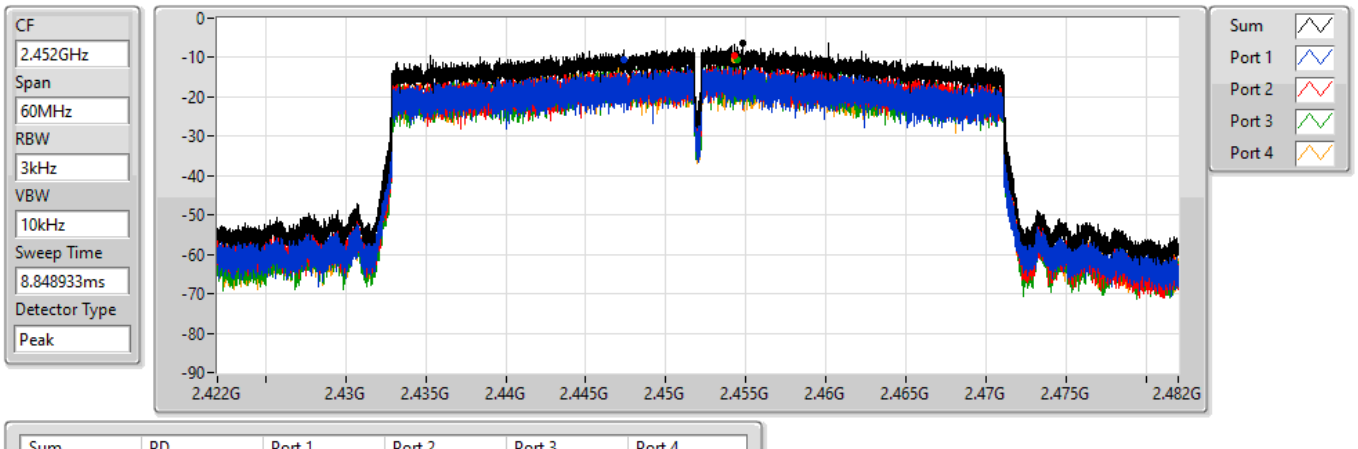
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.13	-6.13	-9.67	-9.61	-10.10	-9.46

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.37	-6.37	-10.50	-9.36	-10.52	-10.60

Summary

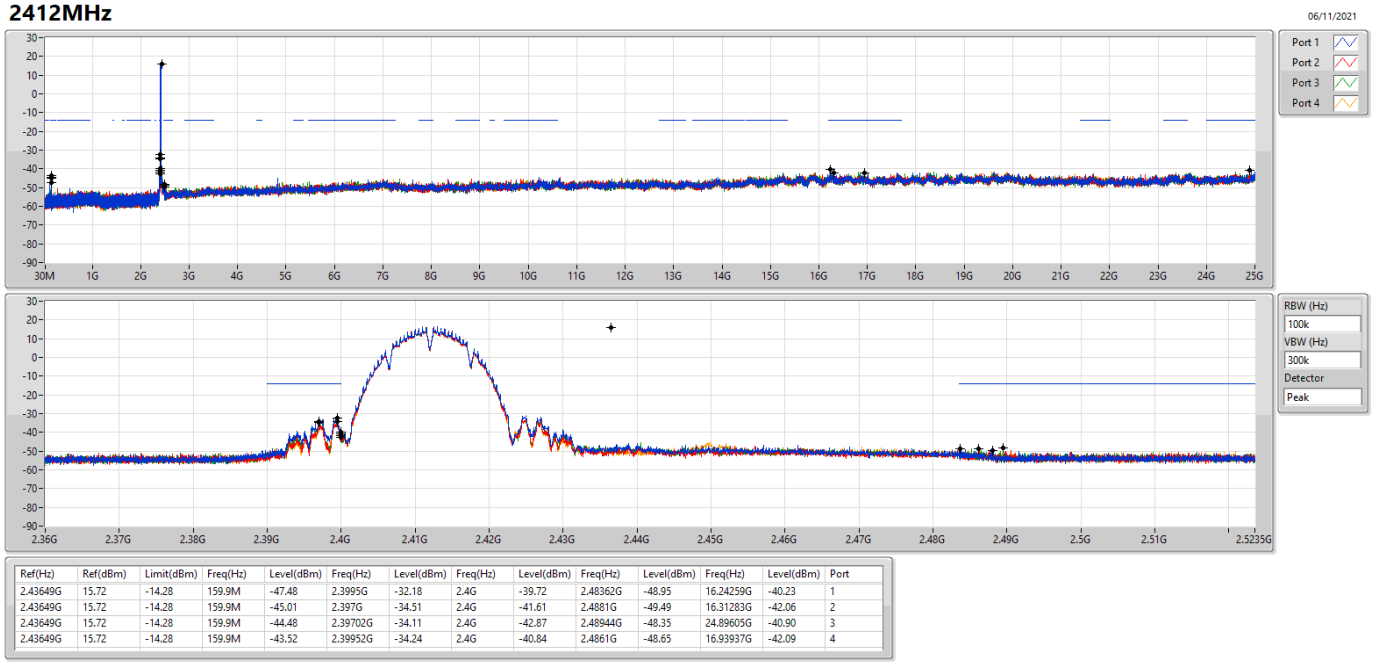
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43649G	15.72	-14.28	159.9M	-47.48	2.3995G	-32.18	2.4G	-39.72	2.48362G	-48.95	16.24259G	-40.23	1
802.11g_Nss1,(6Mbps)_4TX	Pass	2.43574G	13.78	-16.22	159.9M	-44.98	2.39976G	-17.20	2.4G	-20.96	2.48518G	-49.46	17.18661G	-42.23	3
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.43578G	13.46	-16.54	159.9M	-45.73	2.3997G	-18.43	2.4G	-24.51	2.48592G	-48.94	24.02789G	-42.11	2
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.43198G	7.98	-22.02	159.96M	-45.60	2.3998G	-22.07	2.4G	-25.74	2.48426G	-36.49	17.60156G	-41.19	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	15.72	-14.28	159.9M	-47.48	2.3995G	-32.18	2.4G	-39.72	2.48362G	-48.95	16.24259G	-40.23	1
2412MHz	Pass	2.43649G	15.72	-14.28	159.9M	-45.01	2.397G	-34.51	2.4G	-41.61	2.4881G	-49.49	16.31283G	-42.06	2
2412MHz	Pass	2.43649G	15.72	-14.28	159.9M	-44.48	2.39702G	-34.11	2.4G	-42.87	2.48944G	-48.35	24.89605G	-40.90	3
2412MHz	Pass	2.43649G	15.72	-14.28	159.9M	-43.52	2.39952G	-34.24	2.4G	-40.84	2.4861G	-48.65	16.93937G	-42.09	4
2417MHz															
2437MHz	Pass	2.43649G	15.72	-14.28	159.9M	-44.93	2.3996G	-48.51	2.4G	-49.88	2.48548G	-49.06	24.70219G	-42.19	1
2437MHz	Pass	2.43649G	15.72	-14.28	159.9M	-46.22	2.39196G	-49.07	2.4G	-50.49	2.4849G	-49.82	24.97752G	-41.82	2
2437MHz	Pass	2.43649G	15.72	-14.28	159.9M	-44.57	2.39824G	-48.41	2.4835G	-49.69	2.4878G	-48.59	16.2454G	-41.50	3
2437MHz	Pass	2.43649G	15.72	-14.28	159.9M	-45.79	2.3941G	-48.12	2.4G	-49.81	2.48428G	-48.00	24.95786G	-42.30	4
2457MHz															
2462MHz	Pass	2.43649G	15.72	-14.28	159.9M	-44.99	2.39794G	-48.21	2.4835G	-52.96	2.485G	-47.84	24.54485G	-42.55	1
2462MHz	Pass	2.43649G	15.72	-14.28	159.9M	-44.49	2.3968G	-50.11	2.4835G	-51.58	2.48654G	-49.44	21.5611G	-42.37	2
2462MHz	Pass	2.43649G	15.72	-14.28	159.9M	-42.63	2.3989G	-49.74	2.4G	-52.12	2.48664G	-47.65	23.33674G	-41.46	3
2462MHz	Pass	2.43649G	15.72	-14.28	159.9M	-46.39	2.3977G	-50.05	2.4G	-50.67	2.48576G	-48.35	5.6393G	-41.69	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	13.78	-16.22	159.9M	-45.63	2.3995G	-17.69	2.4G	-19.10	2.4859G	-49.43	23.54465G	-42.41	1
2412MHz	Pass	2.43574G	13.78	-16.22	159.9M	-44.70	2.3998G	-18.16	2.4G	-20.10	2.48664G	-49.78	16.23697G	-41.89	2
2412MHz	Pass	2.43574G	13.78	-16.22	159.9M	-44.98	2.39976G	-17.20	2.4G	-20.96	2.48518G	-49.46	17.18661G	-42.23	3
2412MHz	Pass	2.43574G	13.78	-16.22	159.9M	-45.90	2.39988G	-17.87	2.4G	-20.04	2.48492G	-48.97	16.83822G	-42.16	4
2417MHz															
2437MHz	Pass	2.43574G	13.78	-16.22	159.9M	-46.88	2.39952G	-41.02	2.4G	-44.97	2.48366G	-45.83	24.65723G	-41.66	1
2437MHz	Pass	2.43574G	13.78	-16.22	159.9M	-45.56	2.39994G	-40.37	2.4G	-43.58	2.48548G	-44.81	23.59522G	-41.04	2
2437MHz	Pass	2.43574G	13.78	-16.22	159.9M	-45.73	2.39976G	-42.83	2.4G	-45.66	2.4835G	-47.25	24.67971G	-40.53	3
2437MHz	Pass	2.43574G	13.78	-16.22	159.9M	-44.22	2.3995G	-40.33	2.4G	-43.12	2.48392G	-45.90	24.68814G	-41.52	4
2457MHz															
2462MHz	Pass	2.43574G	13.78	-16.22	159.9M	-45.01	2.39946G	-47.82	2.4835G	-31.73	2.48364G	-30.60	24.60947G	-42.07	1
2462MHz	Pass	2.43574G	13.78	-16.22	159.9M	-44.90	2.39914G	-48.04	2.4835G	-30.75	2.48356G	-31.11	24.64038G	-42.31	2
2462MHz	Pass	2.43574G	13.78	-16.22	159.9M	-46.53	2.39912G	-47.88	2.4835G	-32.47	2.48354G	-30.51	23.34236G	-42.15	3
2462MHz	Pass	2.43574G	13.78	-16.22	159.9M	-43.86	2.39824G	-47.55	2.4835G	-30.16	2.4836G	-29.91	24.61509G	-42.20	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43578G	13.46	-16.54	159.9M	-45.04	2.39984G	-19.05	2.4G	-21.69	2.4856G	-49.06	24.58138G	-41.62	1
2412MHz	Pass	2.43578G	13.46	-16.54	159.9M	-45.73	2.3997G	-18.43	2.4G	-24.51	2.48592G	-48.94	24.02789G	-42.11	2
2412MHz	Pass	2.43578G	13.46	-16.54	159.9M	-44.47	2.3975G	-21.25	2.4G	-19.24	2.48574G	-47.91	23.59241G	-41.56	3
2412MHz	Pass	2.43578G	13.46	-16.54	159.9M	-45.99	2.3993G	-20.50	2.4G	-22.13	2.4872G	-48.76	23.31426G	-41.71	4
2417MHz															
2437MHz	Pass	2.43578G	13.46	-16.54	159.9M	-46.64	2.396G	-39.14	2.4G	-41.54	2.48372G	-35.71	16.22855G	-41.71	1
2437MHz	Pass	2.43578G	13.46	-16.54	159.9M	-45.60	2.39932G	-37.00	2.4G	-38.12	2.48426G	-41.79	16.23697G	-42.25	2
2437MHz	Pass	2.43578G	13.46	-16.54	159.9M	-45.21	2.39972G	-38.65	2.4G	-38.40	2.48498G	-43.80	24.96629G	-42.18	3
2437MHz	Pass	2.43578G	13.46	-16.54	159.9M	-44.65	2.39902G	-35.40	2.4G	-40.39	2.48356G	-42.40	16.6556G	-41.86	4
2457MHz															
2462MHz	Pass	2.43578G	13.46	-16.54	159.9M	-43.87	2.39892G	-47.58	2.4835G	-32.55	2.48364G	-30.33	5.6393G	-41.69	1
2462MHz	Pass	2.43578G	13.46	-16.54	159.9M	-45.72	2.3977G	-47.98	2.4835G	-35.16	2.4851G	-32.23	24.63195G	-41.81	2
2462MHz	Pass	2.43578G	13.46	-16.54	159.9M	-44.94	2.39604G	-47.93	2.4835G	-35.30	2.48368G	-31.60	16.91689G	-41.51	3
2462MHz	Pass	2.43578G	13.46	-16.54	159.9M	-46.09	2.3993G	-46.94	2.4835G	-33.11	2.48392G	-29.32	23.27774G	-41.00	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	7.98	-22.02	159.96M	-45.36	2.39676G	-25.51	2.4G	-28.45	2.4845G	-47.61	24.69991G	-41.97	1
2422MHz	Pass	2.43198G	7.98	-22.02	159.96M	-46.25	2.3998G	-26.40	2.4G	-29.23	2.4847G	-47.45	16.25257G	-41.65	2
2422MHz	Pass	2.43198G	7.98	-22.02	159.96M	-45.42	2.39952G	-23.78	2.4G	-35.88	2.48478G	-47.55	23.32007G	-42.02	3
2422MHz	Pass	2.43198G	7.98	-22.02	159.96M	-45.40	2.39952G	-24.03	2.4G	-30.62	2.48446G	-46.23	23.41262G	-41.69	4
2437MHz	Pass	2.43198G	7.98	-22.02	159.96M	-44.92	2.39976G	-23.55	2.4G	-26.89	2.4835G	-36.17	24.62699G	-42.59	1
2437MHz	Pass	2.43198G	7.98	-22.02	159.96M	-45.60	2.3998G	-22.07	2.4G	-25.74	2.48426G	-36.49	17.60156G	-41.19	2
2437MHz	Pass	2.43198G	7.98	-22.02	159.96M	-45.26	2.39976G	-24.53	2.4G	-28.52	2.48422G	-36.15	24.64943G	-42.21	3
2437MHz	Pass	2.43198G	7.98	-22.02	159.96M	-45.67	2.39952G	-24.14	2.4G	-27.71	2.48446G	-35.39	23.59491G	-41.87	4
2452MHz	Pass	2.43198G	7.98	-22.02	159.96M	-44.62	2.39576G	-44.70	2.4835G	-30.91	2.4835G	-31.42	23.56687G	-42.43	1
2452MHz	Pass	2.43198G	7.98	-22.02	159.96M	-45.32	2.39824G	-40.75	2.4835G	-30.57	2.4835G	-30.18	23.33129G	-42.23	2
2452MHz	Pass	2.43198G	7.98	-22.02	159.96M	-44.39	2.39852G	-41.50	2.4835G	-31.64	2.48354G	-31.10	24.94391G	-42.43	3
2452MHz	Pass	2.43198G	7.98	-22.02	159.96M	-45.45	2.39576G	-42.29	2.4835G	-32.14	2.48354G	-29.96	23.38738G	-41.25	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

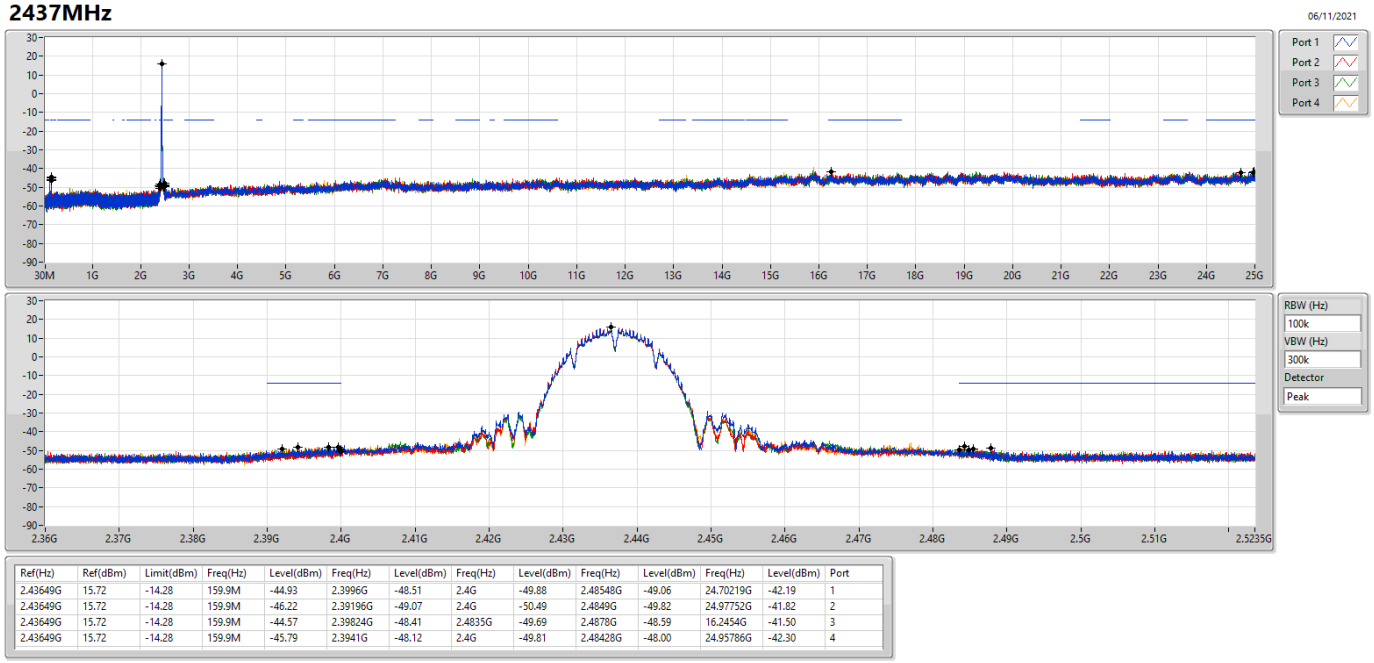
2412MHz



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	15.72	-14.28	159.9M	-47.48	2.3995G	-32.18	2.4G	-39.72	2.48362G	-48.95	16.24259G	-40.23	1
2.43649G	15.72	-14.28	159.9M	-45.01	2.397G	-34.51	2.4G	-41.61	2.4881G	-49.49	16.31283G	-42.06	2
2.43649G	15.72	-14.28	159.9M	-44.48	2.39702G	-34.11	2.4G	-42.87	2.48944G	-48.35	24.89605G	-40.90	3
2.43649G	15.72	-14.28	159.9M	-43.52	2.39952G	-34.24	2.4G	-40.84	2.4861G	-48.65	16.93937G	-42.09	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

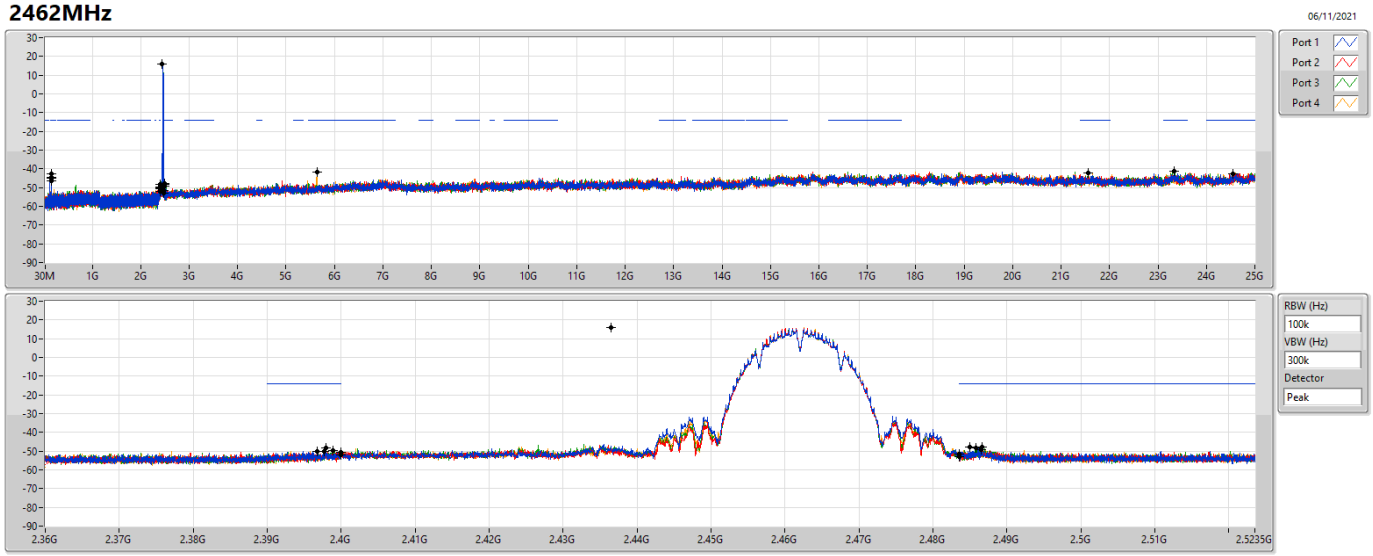
2437MHz



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	15.72	-14.28	159.9M	-44.93	2.3996G	-48.51	2.4G	-49.88	2.48548G	-49.06	24.70219G	-42.19	1
2.43649G	15.72	-14.28	159.9M	-46.22	2.39196G	-49.07	2.4G	-50.49	2.4849G	-49.82	24.97752G	-41.82	2
2.43649G	15.72	-14.28	159.9M	-44.57	2.39824G	-48.41	2.4835G	-49.69	2.4878G	-48.59	16.2454G	-41.50	3
2.43649G	15.72	-14.28	159.9M	-45.79	2.3941G	-48.12	2.4G	-49.81	2.48428G	-48.00	24.95786G	-42.30	4

802.11b_Nss1,(1Mbps)_4TX **CSENdB**

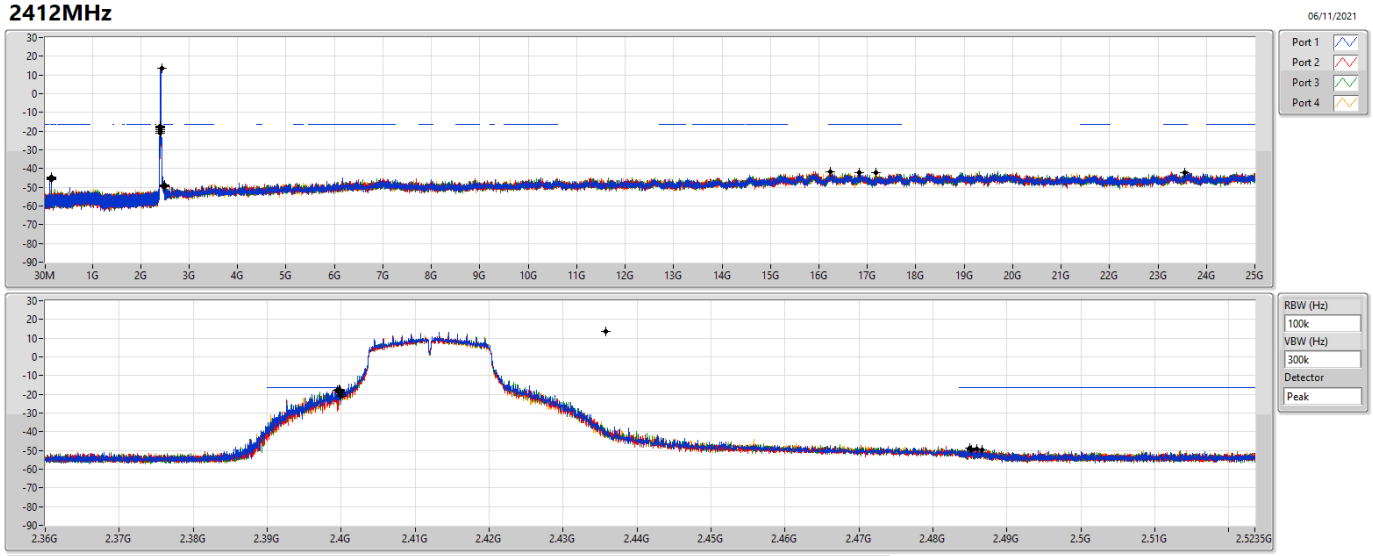
2462MHz



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	15.72	-14.28	159.9M	-44.99	2.39794G	-48.21	2.4835G	-52.96	2.485G	-47.84	24.54485G	-42.55	1
2.43649G	15.72	-14.28	159.9M	-44.49	2.3968G	-50.11	2.4835G	-51.58	2.48654G	-49.44	21.5611G	-42.37	2
2.43649G	15.72	-14.28	159.9M	-42.63	2.3989G	-49.74	2.4G	-52.12	2.48664G	-47.65	23.33674G	-41.46	3
2.43649G	15.72	-14.28	159.9M	-46.39	2.3977G	-50.05	2.4G	-50.67	2.48576G	-48.35	5.6393G	-41.69	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

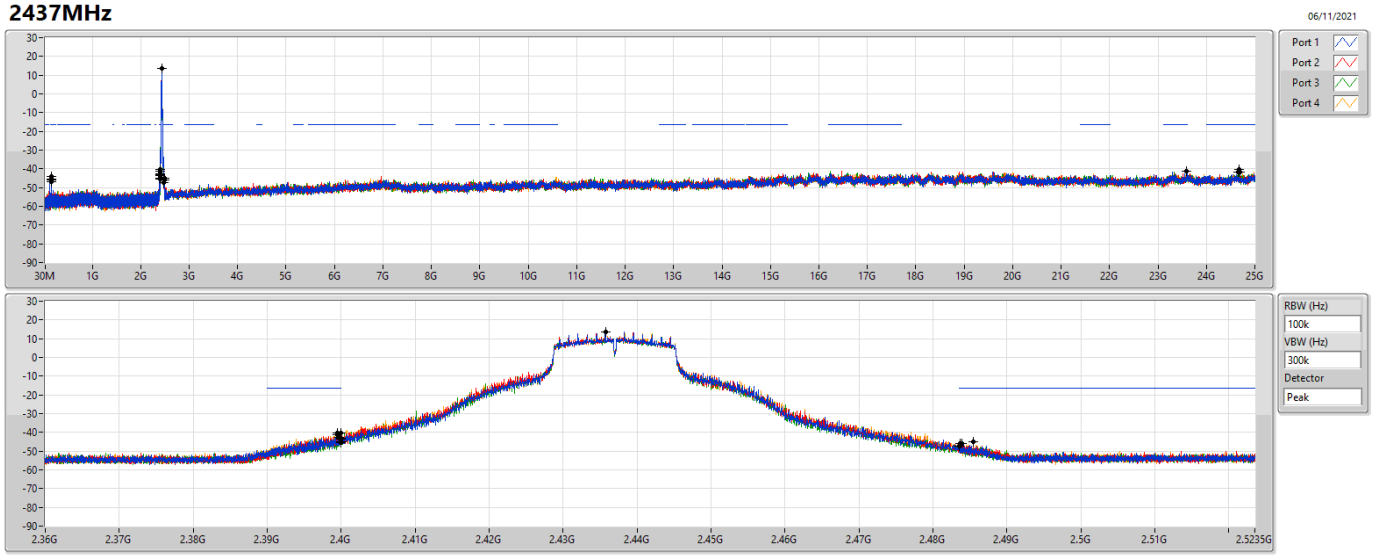
2412MHz



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
2.43574G	13.78	-16.22	159.9M	-45.63	2.3995G	-17.69	2.4G	-19.10	2.4859G	-49.43	23.54465G	-42.41	1
2.43574G	13.78	-16.22	159.9M	-44.70	2.3998G	-18.16	2.4G	-20.10	2.48664G	-49.78	16.23697G	-41.89	2
2.43574G	13.78	-16.22	159.9M	-44.98	2.39976G	-17.20	2.4G	-20.96	2.48518G	-49.46	17.18661G	-42.23	3
2.43574G	13.78	-16.22	159.9M	-45.90	2.39988G	-17.87	2.4G	-20.04	2.48492G	-48.97	16.83822G	-42.16	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

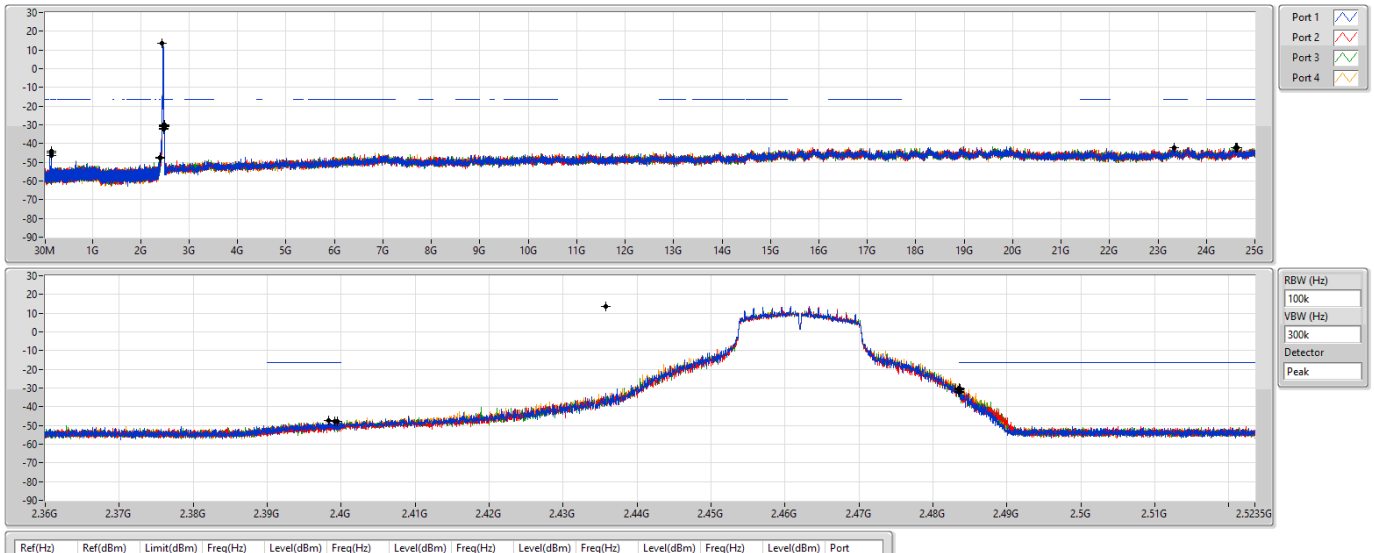
2437MHz



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
2.43574G	13.78	-16.22	159.9M	-46.88	2.39952G	-41.02	2.4G	-44.97	2.48366G	-45.83	24.65723G	-41.66	1
2.43574G	13.78	-16.22	159.9M	-45.56	2.39994G	-40.37	2.4G	-43.58	2.48548G	-44.81	23.59522G	-41.04	2
2.43574G	13.78	-16.22	159.9M	-45.73	2.39976G	-42.83	2.4G	-45.66	2.4835G	-47.25	24.67971G	-40.53	3
2.43574G	13.78	-16.22	159.9M	-44.22	2.3995G	-40.33	2.4G	-43.12	2.48392G	-45.90	24.68814G	-41.52	4

802.11g_Nss1,(6Mbps)_4TX **CSENdB**

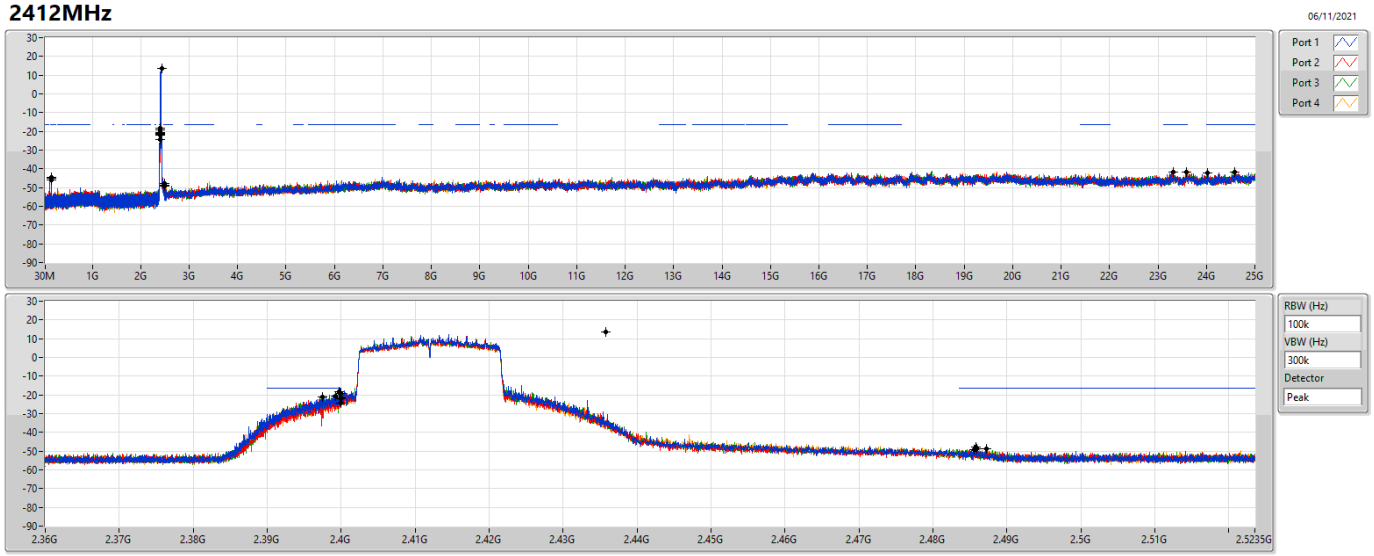
2462MHz



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
2.43574G	13.78	-16.22	159.9M	-45.01	2.39946G	-47.82	2.4835G	-31.73	2.48364G	-30.60	24.60947G	-42.07	1
2.43574G	13.78	-16.22	159.9M	-44.90	2.39914G	-48.04	2.4835G	-30.75	2.48356G	-31.11	24.64038G	-42.31	2
2.43574G	13.78	-16.22	159.9M	-46.53	2.39912G	-47.88	2.4835G	-32.47	2.48354G	-30.51	23.34236G	-42.15	3
2.43574G	13.78	-16.22	159.9M	-43.86	2.39824G	-47.55	2.4835G	-30.16	2.4836G	-29.91	24.61509G	-42.20	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

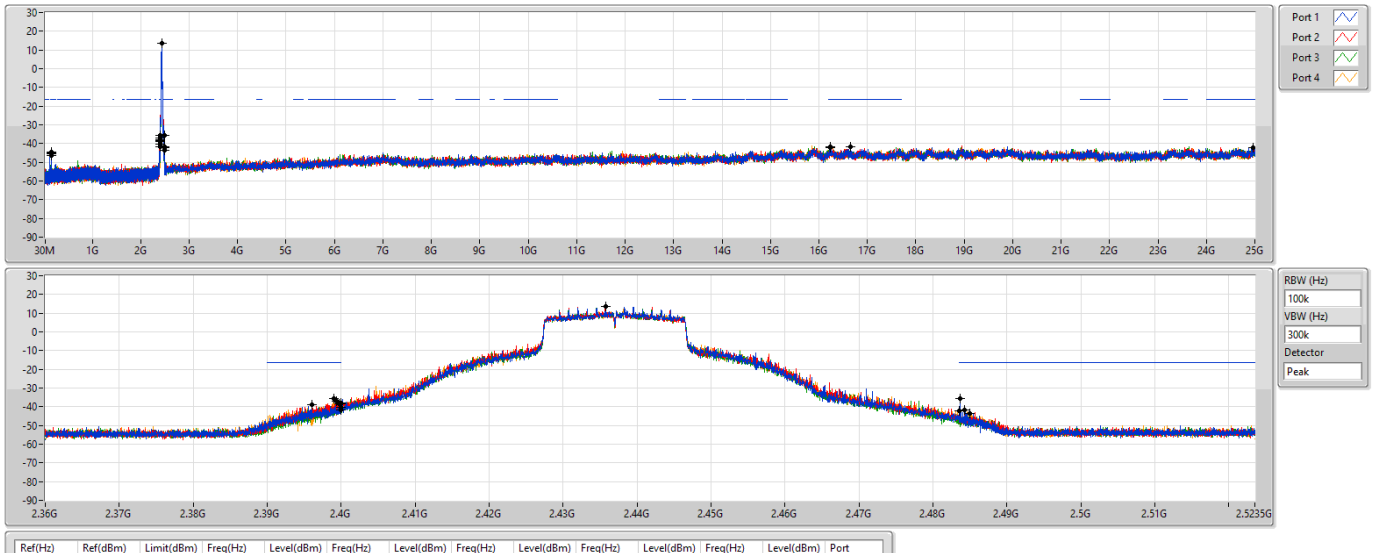
2412MHz



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
2.43578G	13.46	-16.54	159.9M	-45.04	2.39984G	-19.05	2.4G	-21.69	2.4856G	-49.06	24.58138G	-41.62	1
2.43578G	13.46	-16.54	159.9M	-45.73	2.3997G	-18.43	2.4G	-24.51	2.48592G	-48.94	24.02789G	-42.11	2
2.43578G	13.46	-16.54	159.9M	-44.47	2.3975G	-21.25	2.4G	-19.24	2.48574G	-47.91	23.59241G	-41.56	3
2.43578G	13.46	-16.54	159.9M	-45.99	2.3993G	-20.50	2.4G	-22.13	2.4872G	-48.76	23.31426G	-41.71	4

802.11ax HEW20_Nss1,(MCS0)_4TX **CSENdB**

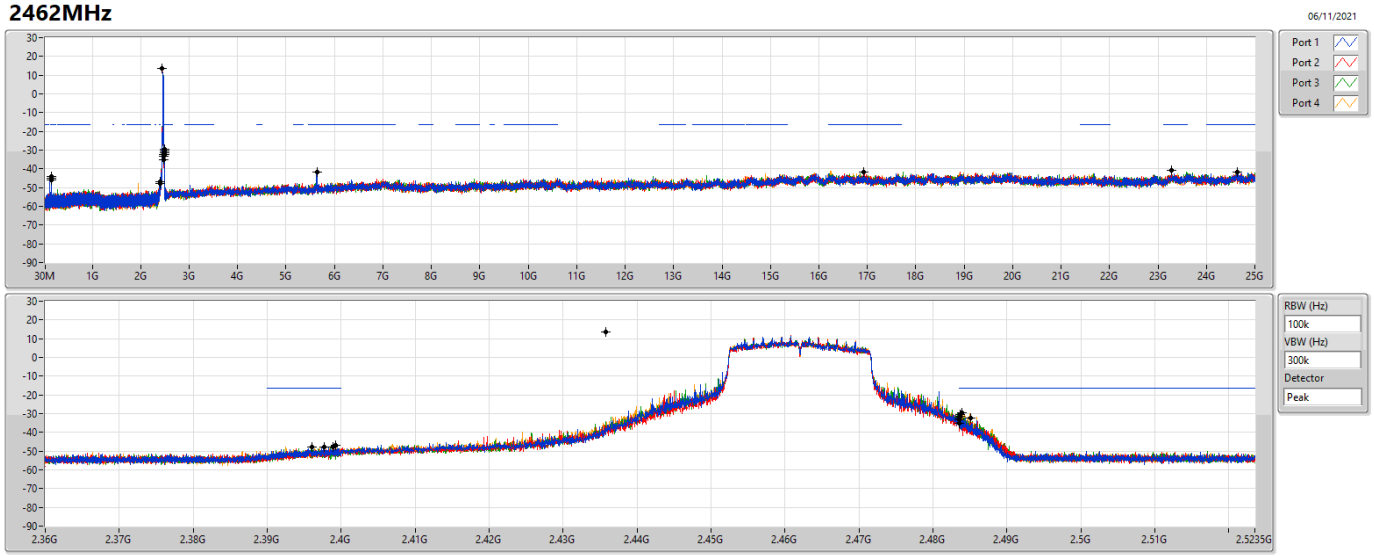
2437MHz



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
2.43578G	13.46	-16.54	159.9M	-46.64	2.396G	-39.14	2.4G	-41.54	2.48372G	-35.71	16.22855G	-41.71	1
2.43578G	13.46	-16.54	159.9M	-45.60	2.39932G	-37.00	2.4G	-38.12	2.48426G	-41.79	16.23697G	-42.25	2
2.43578G	13.46	-16.54	159.9M	-45.21	2.39972G	-38.65	2.4G	-38.40	2.48498G	-43.80	24.96629G	-42.18	3
2.43578G	13.46	-16.54	159.9M	-44.65	2.39902G	-35.40	2.4G	-40.39	2.48356G	-42.40	16.6556G	-41.86	4

802.11ax HEW20_Nss1,(MCS0)_4TX **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
2.43578G	13.46	-16.54	159.9M	-43.87	2.39892G	-47.58	2.4835G	-32.55	2.48364G	-30.33	5.6393G	-41.69	1
2.43578G	13.46	-16.54	159.9M	-45.72	2.3977G	-47.98	2.4835G	-35.16	2.4851G	-32.23	24.63195G	-41.81	2
2.43578G	13.46	-16.54	159.9M	-44.94	2.39604G	-47.93	2.4835G	-35.30	2.48368G	-31.60	16.91689G	-41.51	3
2.43578G	13.46	-16.54	159.9M	-46.09	2.3993G	-46.94	2.4835G	-33.11	2.48392G	-29.32	23.27774G	-41.00	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

2422MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.98	-22.02	159.96M	-45.36	2.39676G	-25.51	2.4G	-28.45	2.4845G	-47.61	24.69991G	-41.97	1
2.43198G	7.98	-22.02	159.96M	-46.25	2.3998G	-26.40	2.4G	-29.23	2.4847G	-47.45	16.25257G	-41.65	2
2.43198G	7.98	-22.02	159.96M	-45.42	2.39952G	-23.78	2.4G	-35.88	2.48478G	-47.55	23.32007G	-42.02	3
2.43198G	7.98	-22.02	159.96M	-45.40	2.39952G	-24.03	2.4G	-30.62	2.48446G	-46.23	23.41262G	-41.69	4

802.11ax HEW40_Nss1,(MCS0)_4TX **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
2.43198G	7.98	-22.02	159.96M	-44.92	2.39976G	-23.55	2.4G	-26.89	2.4835G	-36.17	24.62699G	-42.59	1
2.43198G	7.98	-22.02	159.96M	-45.60	2.3998G	-22.07	2.4G	-25.74	2.48426G	-36.49	17.60156G	-41.19	2
2.43198G	7.98	-22.02	159.96M	-45.26	2.39976G	-24.53	2.4G	-28.52	2.48422G	-36.15	24.64943G	-42.21	3
2.43198G	7.98	-22.02	159.96M	-45.67	2.39952G	-24.14	2.4G	-27.71	2.48446G	-35.39	23.59491G	-41.87	4

802.11ax HEW40_Nss1,(MCS0)_4TX **CSENdB**

2452MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.98	-22.02	159.96M	-44.62	2.39576G	-44.70	2.4835G	-30.91	2.4835G	-31.42	23.56687G	-42.43	1
2.43198G	7.98	-22.02	159.96M	-45.32	2.39824G	-40.75	2.4835G	-30.57	2.4835G	-30.18	23.33129G	-42.23	2
2.43198G	7.98	-22.02	159.96M	-44.39	2.39852G	-41.50	2.4835G	-31.64	2.48354G	-31.10	24.94391G	-42.43	3
2.43198G	7.98	-22.02	159.96M	-45.45	2.39576G	-42.29	2.4835G	-32.14	2.48354G	-29.96	23.38738G	-41.25	4

Summary

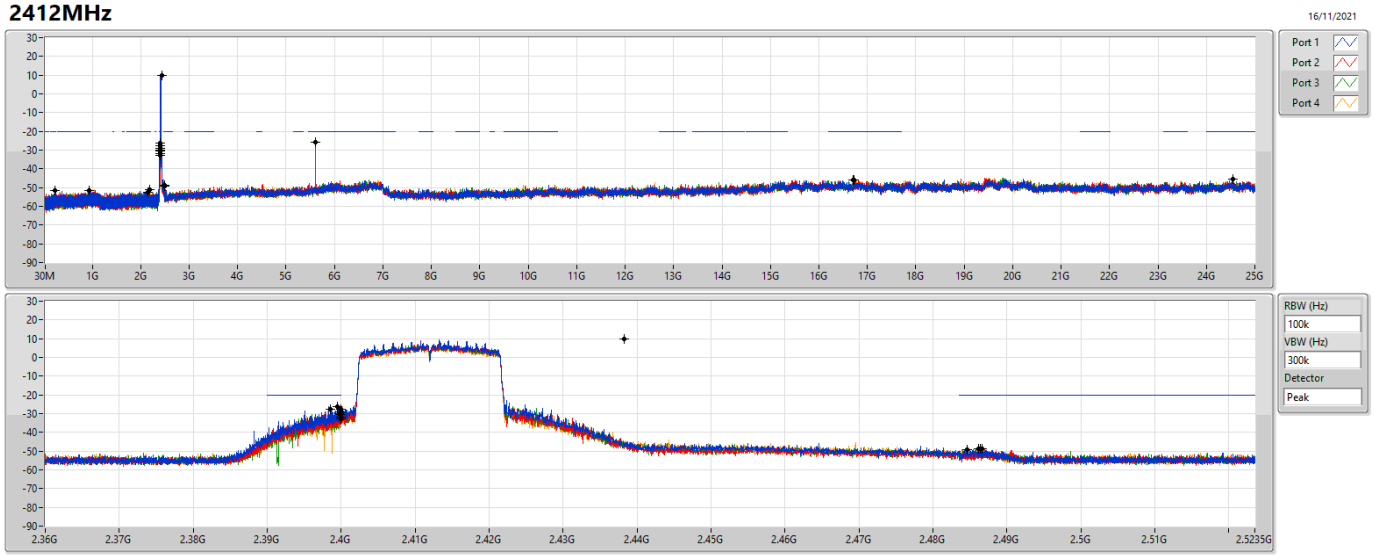
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	2.43824G	9.91	-20.09	934.62M	-51.70	2.39952G	-26.31	2.4G	-33.01	2.4864G	-48.66	16.70617G	-46.09	1
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.44075G	4.26	-25.74	2.03175G	-52.12	2.39952G	-33.10	2.4G	-35.78	2.48674G	-51.13	16.52461G	-44.53	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
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	9.91	-20.09	934.62M	-51.70	2.39952G	-26.31	2.4G	-33.01	2.4864G	-48.66	16.70617G	-46.09	1
2412MHz	Pass	2.43824G	9.91	-20.09	2.17826G	-51.08	2.39848G	-27.52	2.4G	-29.20	2.48466G	-49.45	5.6084G	-25.73	2
2412MHz	Pass	2.43824G	9.91	-20.09	2.14127G	-52.51	2.39968G	-30.06	2.4G	-30.51	2.4861G	-48.92	16.72865G	-46.05	3
2412MHz	Pass	2.43824G	9.91	-20.09	229.22M	-51.71	2.4G	-27.66	2.4G	-31.80	2.48664G	-48.70	24.54204G	-45.47	4
2437MHz	Pass	2.43824G	9.91	-20.09	1.93041G	-51.93	2.39646G	-46.58	2.4G	-48.16	2.48472G	-48.10	6.81932G	-46.15	1
2437MHz	Pass	2.43824G	9.91	-20.09	775.89M	-52.05	2.39976G	-47.35	2.4G	-48.98	2.48702G	-48.22	16.21169G	-45.89	2
2437MHz	Pass	2.43824G	9.91	-20.09	901.42M	-51.07	2.399G	-46.81	2.4G	-49.42	2.48546G	-48.80	24.764G	-45.62	3
2437MHz	Pass	2.43824G	9.91	-20.09	933.46M	-51.44	2.39908G	-45.26	2.4G	-48.01	2.48448G	-47.93	17.08546G	-46.35	4
2462MHz	Pass	2.43824G	9.91	-20.09	779.1M	-51.47	2.3991G	-46.82	2.4835G	-36.78	2.48364G	-36.48	16.78203G	-45.38	1
2462MHz	Pass	2.43824G	9.91	-20.09	912.49M	-52.30	2.39968G	-48.39	2.4835G	-39.45	2.48404G	-37.11	24.88481G	-46.00	2
2462MHz	Pass	2.43824G	9.91	-20.09	1.78507G	-51.95	2.39392G	-48.75	2.4835G	-42.09	2.48372G	-35.82	17.47037G	-45.55	3
2462MHz	Pass	2.43824G	9.91	-20.09	2.10341G	-52.05	2.39952G	-48.04	2.4835G	-39.31	2.48444G	-35.87	6.81651G	-45.23	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	4.26	-25.74	2.03175G	-52.12	2.39952G	-33.10	2.4G	-35.78	2.48674G	-51.13	16.52461G	-44.53	1
2422MHz	Pass	2.44075G	4.26	-25.74	2.12335G	-52.07	2.39804G	-34.12	2.4G	-36.48	2.55158G	-51.11	6.77034G	-44.99	2
2422MHz	Pass	2.44075G	4.26	-25.74	396.69M	-51.81	2.39956G	-35.01	2.4G	-44.40	2.48606G	-51.59	5.64011G	-45.00	3
2422MHz	Pass	2.44075G	4.26	-25.74	2.13279G	-51.87	2.39952G	-34.77	2.4G	-42.46	2.52642G	-50.98	6.89935G	-45.09	4
2437MHz	Pass	2.44075G	4.26	-25.74	2.10646G	-52.16	2.3998G	-37.39	2.4G	-43.09	2.48578G	-47.92	17.39964G	-44.99	1
2437MHz	Pass	2.44075G	4.26	-25.74	2.07926G	-51.47	2.3998G	-37.29	2.4G	-38.96	2.4847G	-47.49	6.73108G	-45.82	2
2437MHz	Pass	2.44075G	4.26	-25.74	2.11848G	-52.02	2.39984G	-40.57	2.4G	-39.85	2.4867G	-49.59	24.15022G	-45.84	3
2437MHz	Pass	2.44075G	4.26	-25.74	480.27M	-52.99	2.39976G	-38.59	2.4G	-40.98	2.48474G	-47.65	24.78405G	-45.22	4
2452MHz	Pass	2.44075G	4.26	-25.74	911.65M	-51.79	2.39852G	-49.00	2.4835G	-43.93	2.4837G	-41.10	16.39841G	-45.08	1
2452MHz	Pass	2.44075G	4.26	-25.74	2.30082G	-52.09	2.39976G	-46.70	2.4835G	-42.23	2.48798G	-41.14	16.43206G	-45.25	2
2452MHz	Pass	2.44075G	4.26	-25.74	650.59M	-52.58	2.39752G	-46.38	2.4835G	-48.55	2.48774G	-43.04	6.78717G	-45.99	3
2452MHz	Pass	2.44075G	4.26	-25.74	803.45M	-51.75	2.4G	-47.64	2.4835G	-43.11	2.48694G	-41.69	16.93127G	-46.30	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **CSENdB**

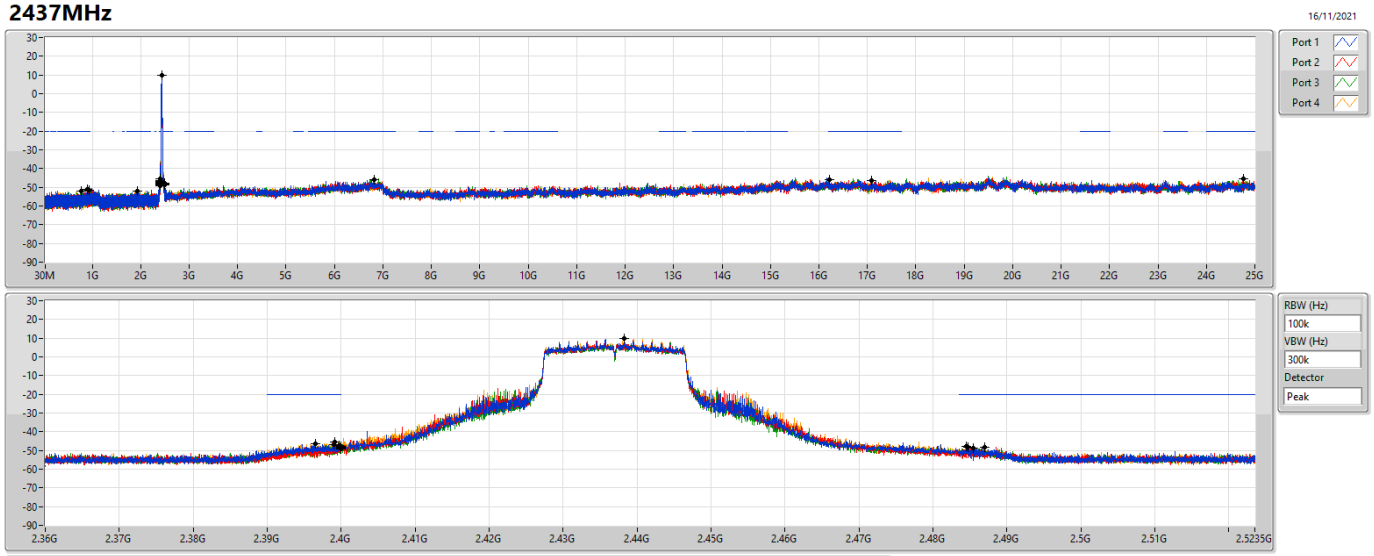
2412MHz



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	9.91	-20.09	934.62M	-51.70	2.39952G	-26.31	2.4G	-33.01	2.4864G	-48.66	16.70617G	-46.09	1
2.43824G	9.91	-20.09	2.17826G	-51.08	2.39848G	-27.52	2.4G	-29.20	2.48466G	-49.45	5.6084G	-25.73	2
2.43824G	9.91	-20.09	2.14127G	-52.51	2.39968G	-30.06	2.4G	-30.51	2.4861G	-48.92	16.72865G	-46.05	3
2.43824G	9.91	-20.09	229.22M	-51.71	2.4G	-27.66	2.4G	-31.80	2.48664G	-48.70	24.54204G	-45.47	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **CSENdB**

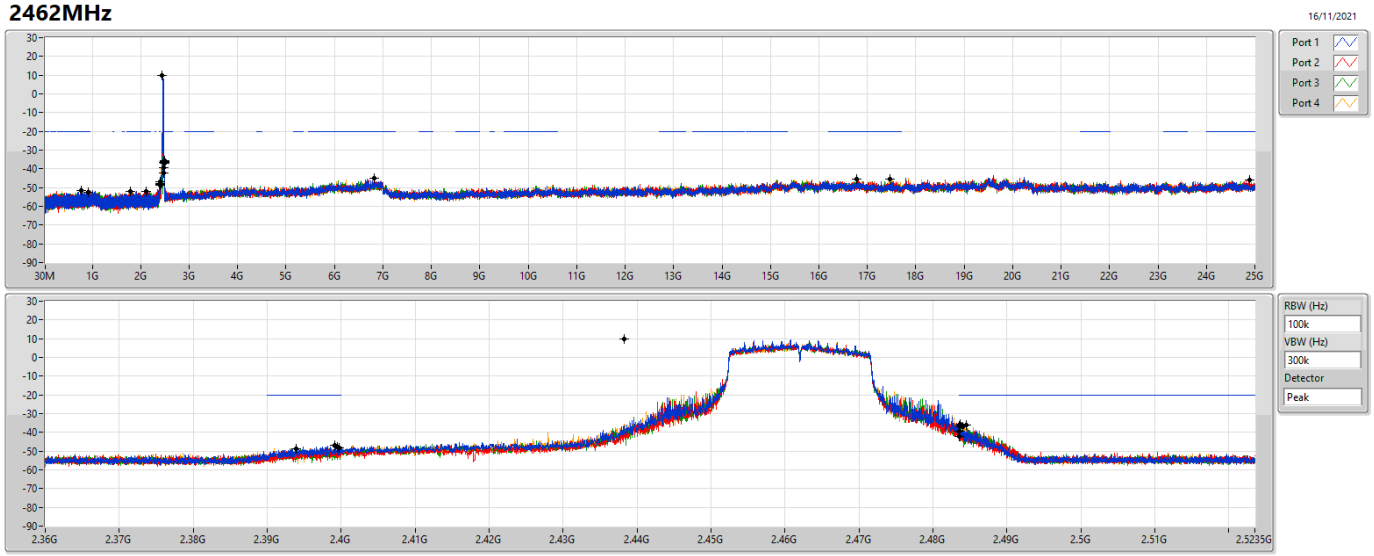
2437MHz



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	9.91	-20.09	1.93041G	-51.93	2.39646G	-46.58	2.4G	-48.16	2.48472G	-48.10	6.81932G	-46.15	1
2.43824G	9.91	-20.09	775.89M	-52.05	2.39976G	-47.35	2.4G	-48.98	2.48702G	-48.22	16.21169G	-45.89	2
2.43824G	9.91	-20.09	901.42M	-51.07	2.399G	-46.81	2.4G	-49.42	2.48546G	-48.80	24.764G	-45.62	3
2.43824G	9.91	-20.09	933.46M	-51.44	2.39908G	-45.26	2.4G	-48.01	2.48448G	-47.93	17.08546G	-46.35	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **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	9.91	-20.09	779.1M	-51.47	2.3991G	-46.82	2.4835G	-36.78	2.48364G	-36.48	16.78203G	-45.38	1
2.43824G	9.91	-20.09	912.49M	-52.30	2.39968G	-48.39	2.4835G	-39.45	2.48404G	-37.11	24.88481G	-46.00	2
2.43824G	9.91	-20.09	1.78507G	-51.95	2.39392G	-48.75	2.4835G	-42.09	2.48372G	-35.82	17.47037G	-45.55	3
2.43824G	9.91	-20.09	2.10341G	-52.05	2.39952G	-48.04	2.4835G	-39.31	2.48444G	-35.87	6.81651G	-45.23	4

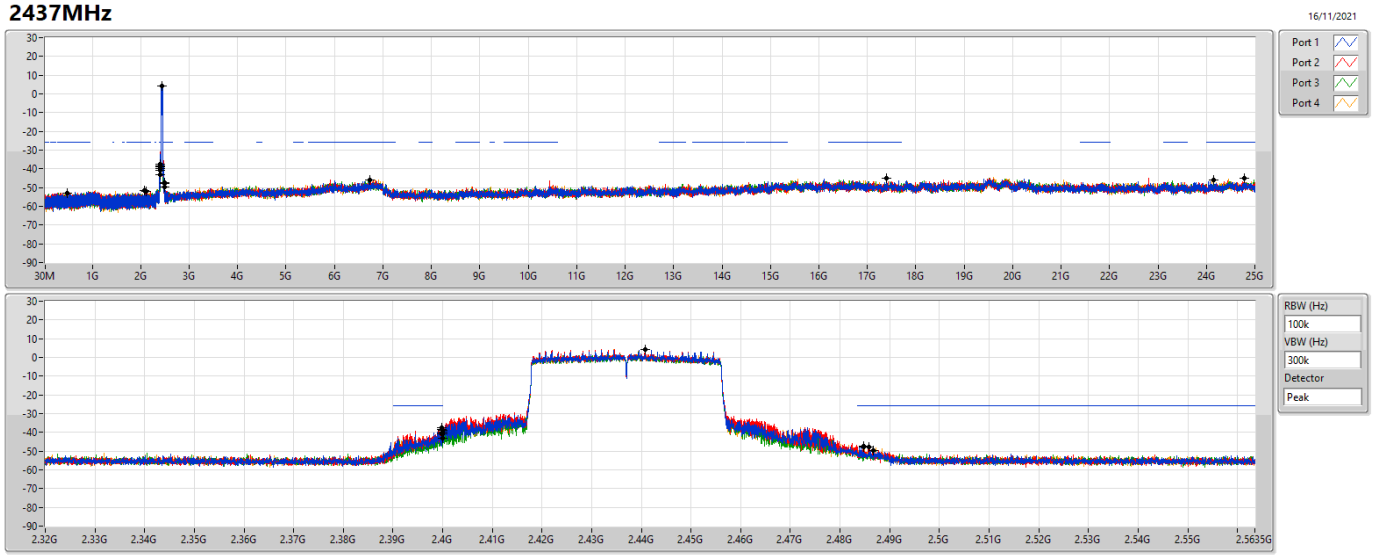
802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSENdB**

2422MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	4.26	-25.74	2.03175G	-52.12	2.39952G	-33.10	2.4G	-35.78	2.48674G	-51.13	16.52461G	-44.53	1
2.44075G	4.26	-25.74	2.12335G	-52.07	2.39804G	-34.12	2.4G	-36.48	2.55158G	-51.11	6.77034G	-44.99	2
2.44075G	4.26	-25.74	396.69M	-51.81	2.39956G	-35.01	2.4G	-44.40	2.48606G	-51.59	5.64011G	-45.00	3
2.44075G	4.26	-25.74	2.13279G	-51.87	2.39952G	-34.77	2.4G	-42.46	2.52642G	-50.98	6.89935G	-45.09	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **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
2.44075G	4.26	-25.74	2.10646G	-52.16	2.3998G	-37.39	2.4G	-43.09	2.48578G	-47.92	17.39964G	-44.99	1
2.44075G	4.26	-25.74	2.07926G	-51.47	2.3998G	-37.29	2.4G	-38.96	2.4847G	-47.49	6.73108G	-45.82	2
2.44075G	4.26	-25.74	2.11848G	-52.02	2.39984G	-40.57	2.4G	-39.85	2.4867G	-49.59	24.15022G	-45.84	3
2.44075G	4.26	-25.74	480.27M	-52.99	2.39976G	-38.59	2.4G	-40.98	2.48474G	-47.65	24.78405G	-45.22	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSENdB**

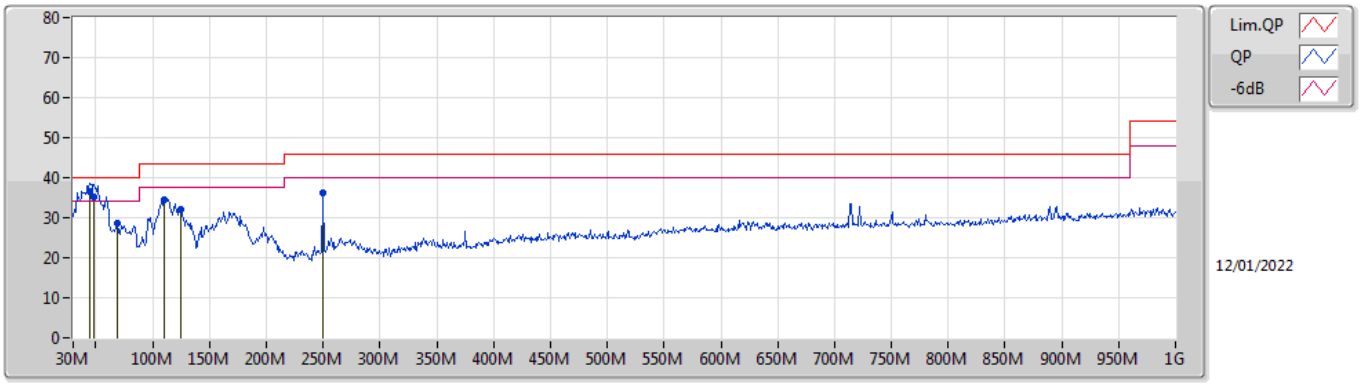
2452MHz

Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	4.26	-25.74	911.65M	-51.79	2.39852G	-49.00	2.4835G	-43.93	2.4837G	-41.10	16.39841G	-45.08	1
2.44075G	4.26	-25.74	2.30082G	-52.09	2.39976G	-46.70	2.4835G	-42.23	2.48798G	-41.14	16.43206G	-45.25	2
2.44075G	4.26	-25.74	650.59M	-52.58	2.39752G	-46.38	2.4835G	-48.55	2.48774G	-43.04	6.78717G	-45.99	3
2.44075G	4.26	-25.74	803.45M	-51.75	2.4G	-47.64	2.4835G	-43.11	2.48694G	-41.69	16.93127G	-46.30	4

Summary

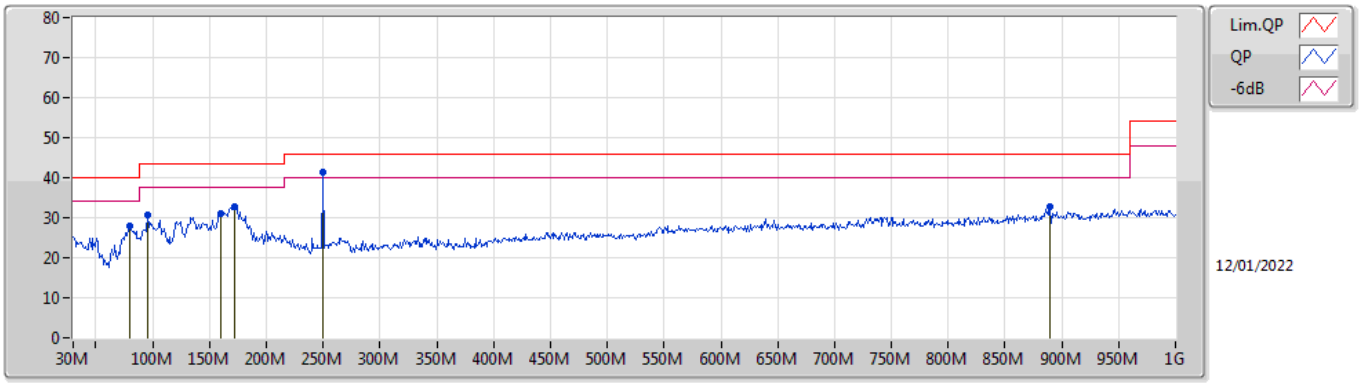
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	44.55M	36.66	40.00	-3.34	Vertical

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	44.55M	36.66	40.00	-3.34	-14.34	3	Vertical	360	1.00	"Worst"	51.00	16.38	0.99	31.71
QP	48.43M	35.05	40.00	-4.95	-16.15	3	Vertical	360	1.00	-	51.20	14.53	1.07	31.75
PK	68.8M	28.49	40.00	-11.51	-18.47	3	Vertical	122	1.50	-	46.96	12.14	1.28	31.89
PK	110.51M	34.55	43.50	-8.95	-12.73	3	Vertical	218	1.00	-	47.28	17.63	1.55	31.91
PK	125.06M	32.09	43.50	-11.41	-12.37	3	Vertical	226	1.00	-	44.46	17.93	1.65	31.95
PK	250.19M	36.15	46.00	-9.85	-11.32	3	Vertical	120	1.00	-	47.47	18.19	2.50	32.01

Mode 2



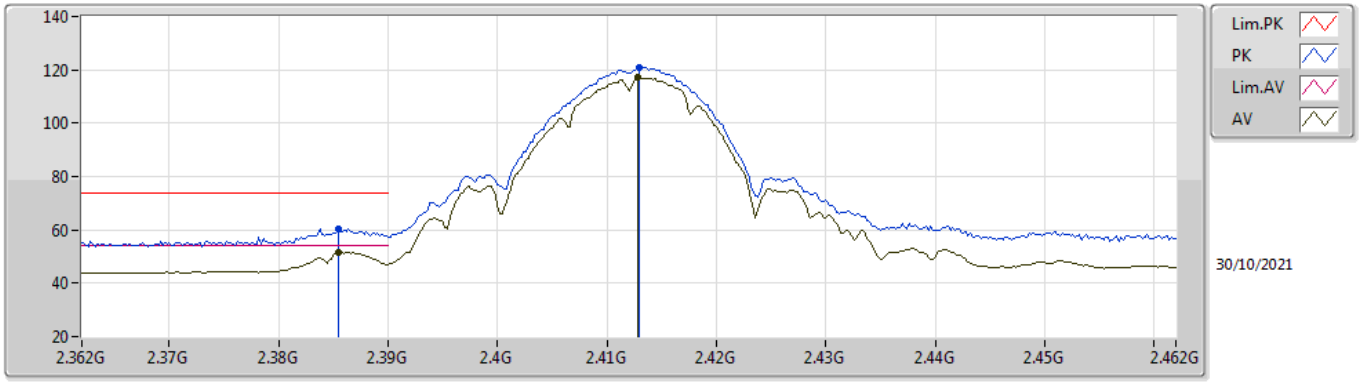
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	79.47M	27.81	40.00	-12.19	-17.84	3	Horizontal	296	2.00	-	45.65	12.69	1.39	31.92
PK	95.96M	30.68	43.50	-12.82	-14.56	3	Horizontal	139	2.00	-	45.24	15.91	1.42	31.89
PK	159.98M	31.05	43.50	-12.45	-14.11	3	Horizontal	104	2.00	-	45.16	15.85	2.00	31.96
PK	172.59M	32.60	43.50	-10.90	-14.61	3	Horizontal	108	1.50	-	47.21	15.29	2.06	31.96
PK	250.19M	41.36	46.00	-4.64	-11.32	3	Horizontal	242	1.25	"Worst"	52.68	18.19	2.50	32.01
PK	889.42M	32.60	46.00	-13.40	-1.20	3	Horizontal	132	2.00	-	33.80	26.19	5.26	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	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_4TX	Pass	AV	2.4835G	52.98	54.00	-1.02	3	Vertical	81	2.18	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

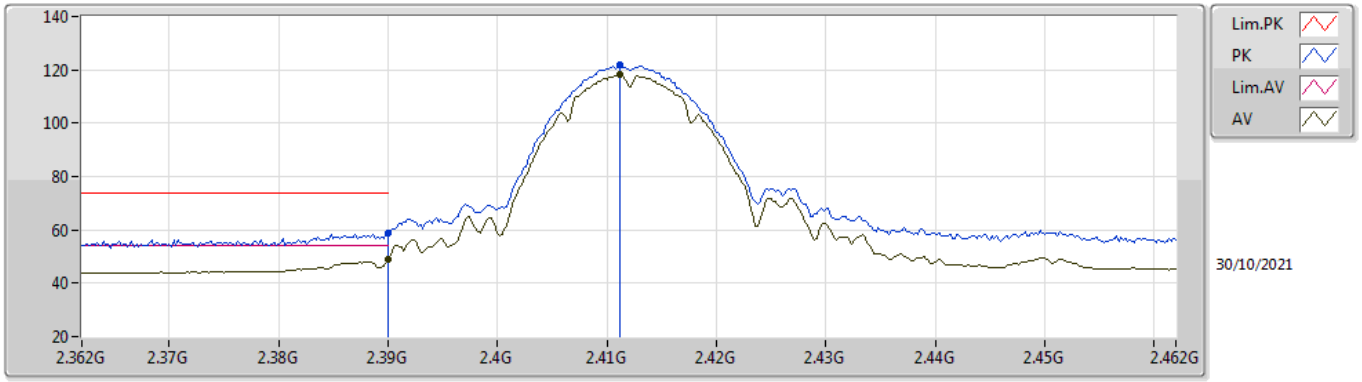


EUT Y_4TX
Setting 29.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3854G	60.49	74.00	-13.51	29.33	3	Vertical	82	2.47	-	28.37	2.79	-
AV	2.3854G	51.42	54.00	-2.58	20.26	3	Vertical	82	2.47	-	28.37	2.79	-
PK	2.413G	121.10	Inf	-Inf	89.89	3	Vertical	82	2.47	-	28.40	2.81	-
AV	2.4128G	117.03	Inf	-Inf	85.82	3	Vertical	82	2.47	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

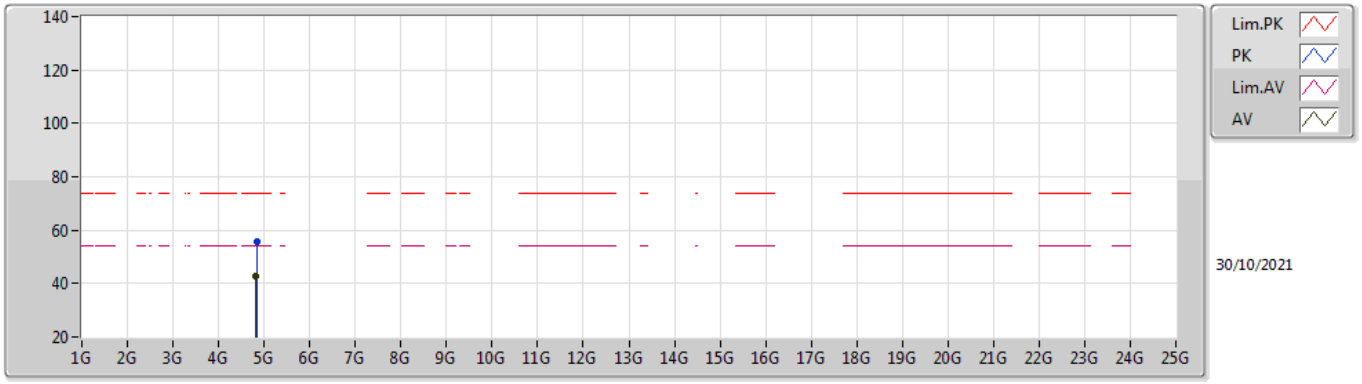


EUT Y_4TX
Setting 29.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	58.91	74.00	-15.09	27.74	3	Horizontal	116	2.46	-	28.38	2.79	-
AV	2.39G	49.06	54.00	-4.94	17.89	3	Horizontal	116	2.46	-	28.38	2.79	-
PK	2.4112G	121.93	Inf	-Inf	90.72	3	Horizontal	116	2.46	-	28.40	2.81	-
AV	2.4112G	118.12	Inf	-Inf	86.91	3	Horizontal	116	2.46	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

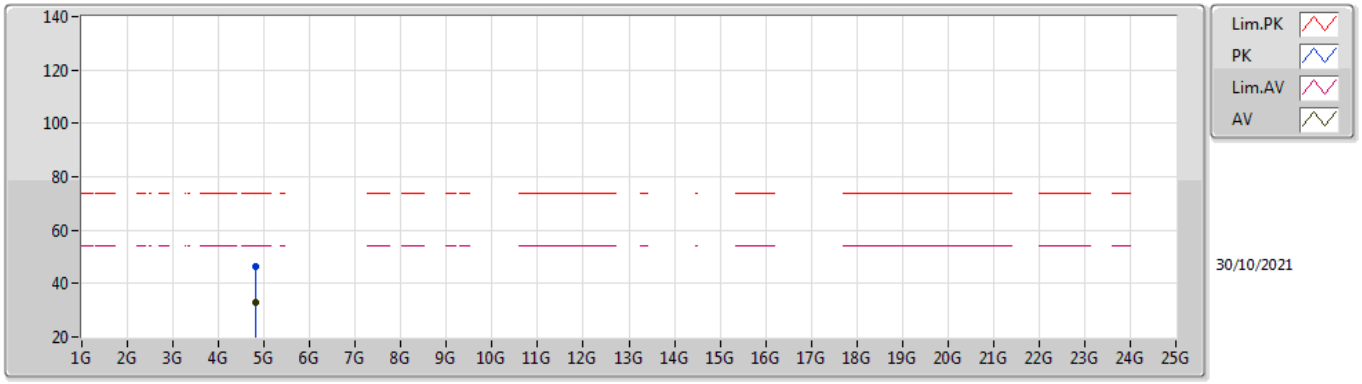


EUT Y_4TX
Setting 29.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8288G	55.49	74.00	-18.51	49.79	3	Vertical	39	1.42	-	32.82	5.10	32.22
AV	4.8214G	42.52	54.00	-11.48	36.85	3	Vertical	39	1.42	-	32.79	5.10	32.22

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

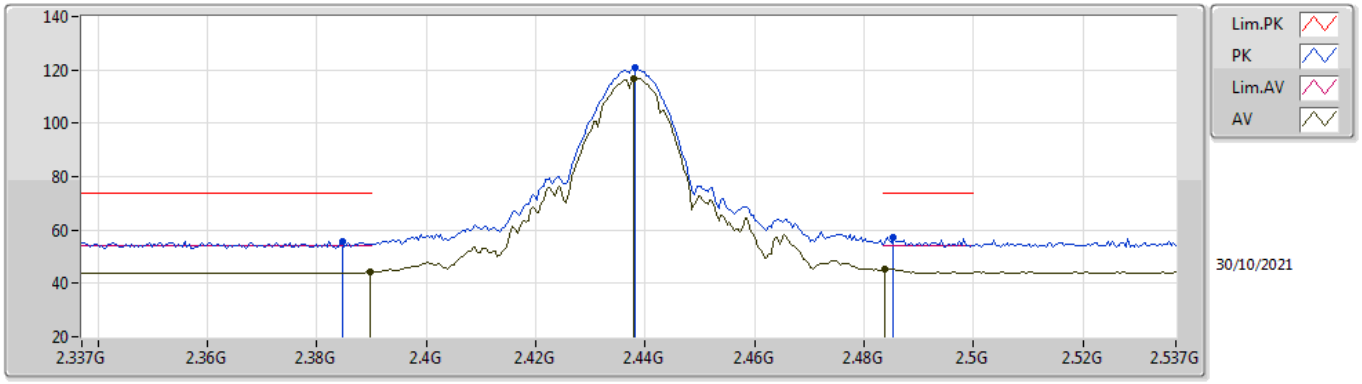


EUT Y_4TX
Setting 29.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82612G	46.16	74.00	-27.84	40.48	3	Horizontal	201	1.28	-	32.80	5.10	32.22
AV	4.81922G	32.75	54.00	-21.25	27.10	3	Horizontal	201	1.28	-	32.78	5.10	32.23

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

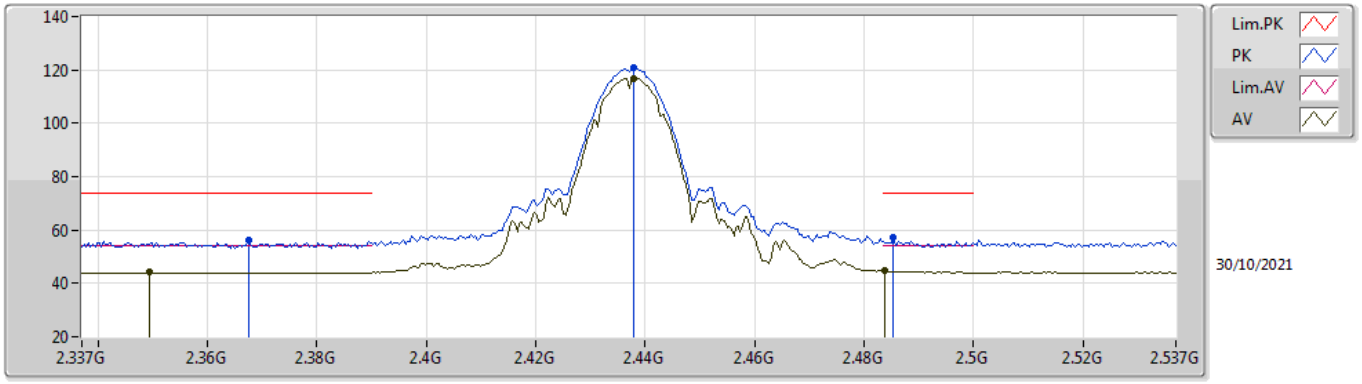


EUT Y_4TX
Setting 29.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3846G	55.92	74.00	-18.08	24.76	3	Vertical	80	2.17	-	28.37	2.79	-
AV	2.3898G	44.35	54.00	-9.65	13.18	3	Vertical	80	2.17	-	28.38	2.79	-
PK	2.4382G	120.87	Inf	-Inf	89.63	3	Vertical	80	2.17	-	28.40	2.84	-
AV	2.4378G	116.94	Inf	-Inf	85.70	3	Vertical	80	2.17	-	28.40	2.84	-
PK	2.4854G	57.37	74.00	-16.63	25.94	3	Vertical	80	2.17	-	28.54	2.89	-
AV	2.4838G	45.30	54.00	-8.70	13.88	3	Vertical	80	2.17	-	28.54	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

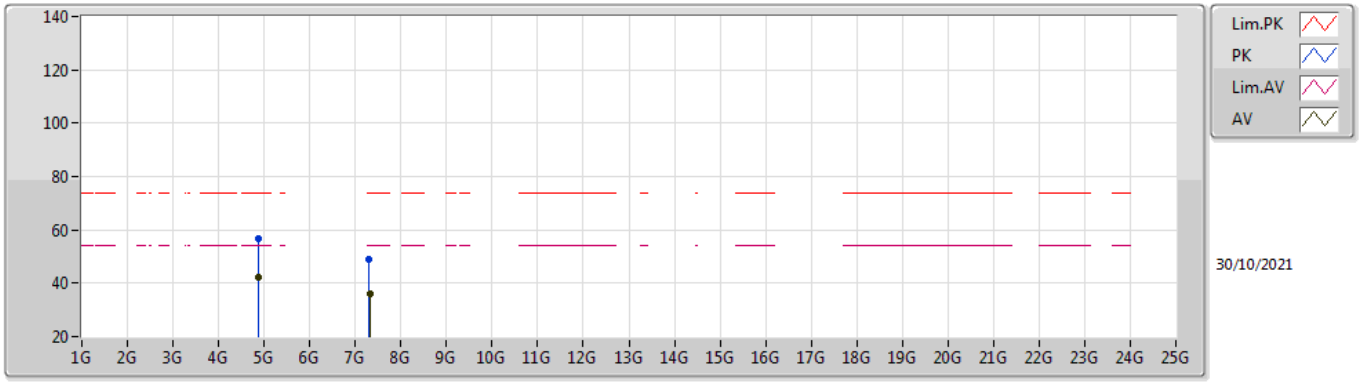


EUT Y_4TX
Setting 29.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3674G	56.28	74.00	-17.72	25.17	3	Horizontal	123	2.42	-	28.33	2.78	-
AV	2.3494G	44.06	54.00	-9.94	12.99	3	Horizontal	123	2.42	-	28.30	2.77	-
PK	2.4378G	121.01	Inf	-Inf	89.77	3	Horizontal	123	2.42	-	28.40	2.84	-
AV	2.4378G	116.93	Inf	-Inf	85.69	3	Horizontal	123	2.42	-	28.40	2.84	-
PK	2.4854G	57.22	74.00	-16.78	25.79	3	Horizontal	123	2.42	-	28.54	2.89	-
AV	2.4838G	44.90	54.00	-9.10	13.48	3	Horizontal	123	2.42	-	28.54	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

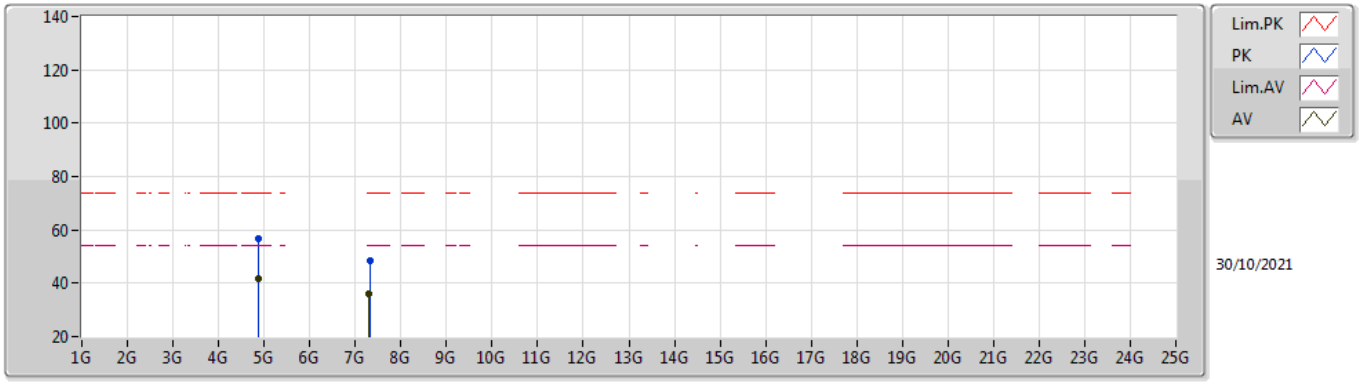


EUT Y_4TX
Setting 29.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87716G	56.49	74.00	-17.51	50.64	3	Vertical	352	2.16	-	32.95	5.10	32.20
AV	4.87704G	42.12	54.00	-11.88	36.27	3	Vertical	352	2.16	-	32.95	5.10	32.20
PK	7.30838G	48.99	74.00	-25.01	39.24	3	Vertical	235	2.12	-	36.42	6.15	32.82
AV	7.31248G	35.93	54.00	-18.07	26.17	3	Vertical	235	2.12	-	36.42	6.16	32.82

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

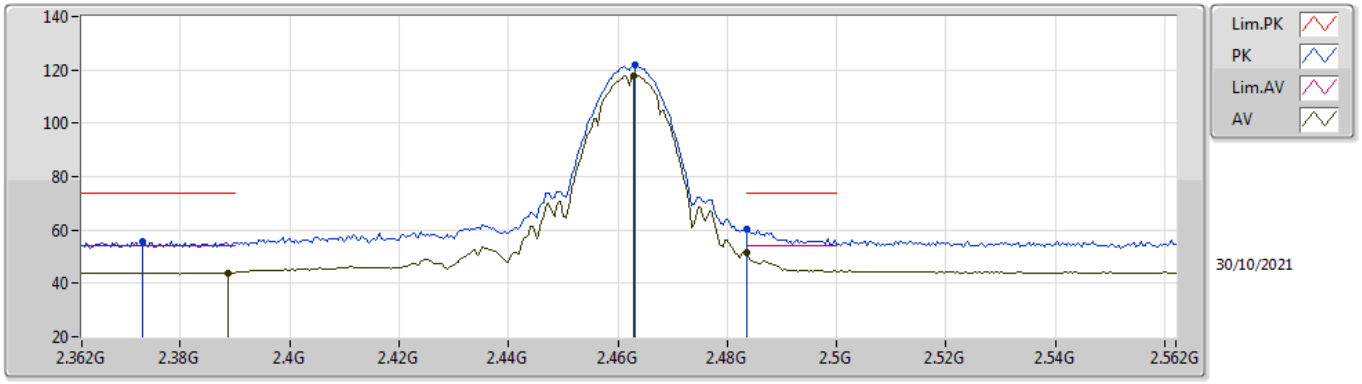


EUT Y_4TX
Setting 29.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87696G	56.85	74.00	-17.15	51.00	3	Horizontal	222	2.80	-	32.95	5.10	32.20
AV	4.87676G	41.85	54.00	-12.15	36.00	3	Horizontal	222	2.80	-	32.95	5.10	32.20
PK	7.31238G	48.49	74.00	-25.51	38.73	3	Horizontal	285	1.34	-	36.42	6.16	32.82
AV	7.30948G	35.93	54.00	-18.07	26.18	3	Horizontal	285	1.34	-	36.42	6.15	32.82

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

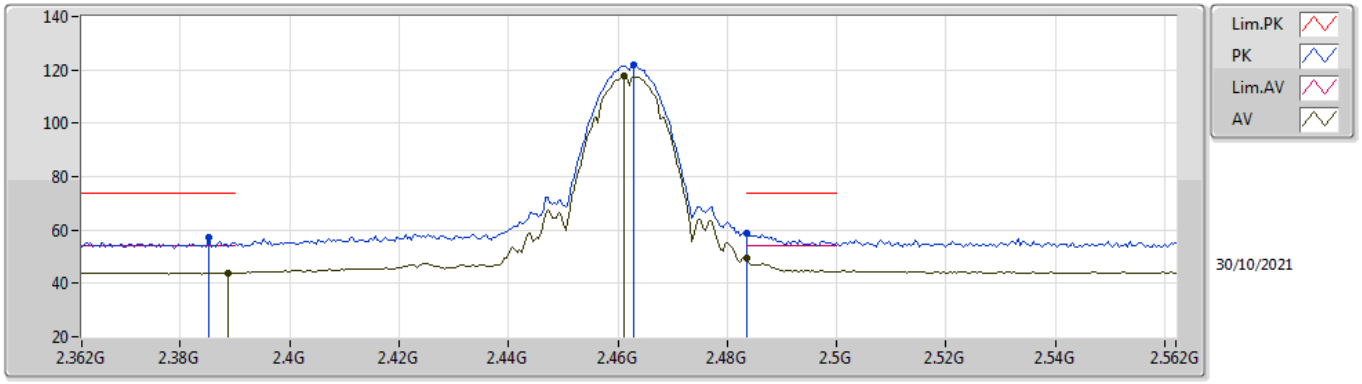


EUT Y_4TX
Setting 27
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3732G	55.63	74.00	-18.37	24.49	3	Vertical	80	1.79	-	28.35	2.79	-
AV	2.3888G	44.03	54.00	-9.97	12.86	3	Vertical	80	1.79	-	28.38	2.79	-
PK	2.4632G	122.07	Inf	-Inf	90.76	3	Vertical	80	1.79	-	28.45	2.86	-
AV	2.4628G	117.78	Inf	-Inf	86.47	3	Vertical	80	1.79	-	28.45	2.86	-
PK	2.4835G	60.13	74.00	-13.87	28.72	3	Vertical	80	1.79	-	28.53	2.88	-
AV	2.4835G	51.68	54.00	-2.32	20.27	3	Vertical	80	1.79	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

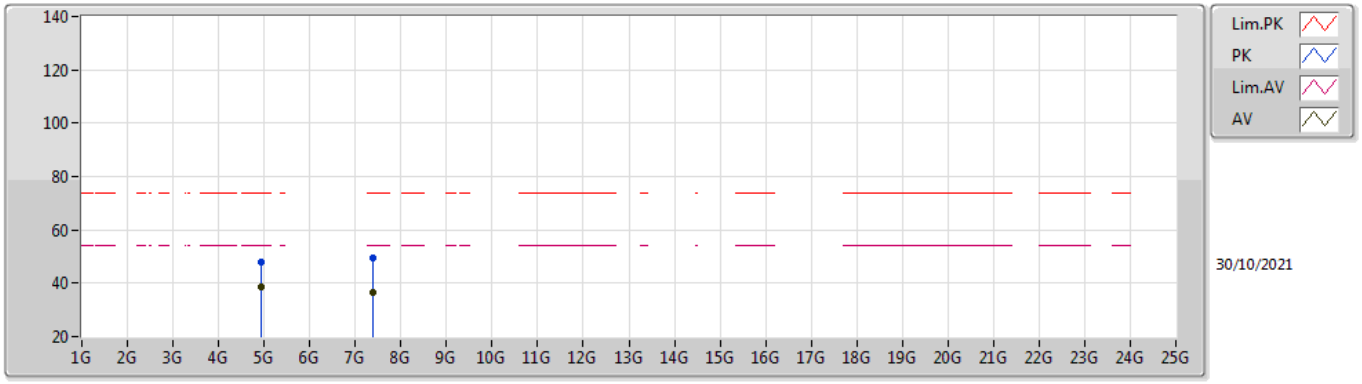


EUT Y_4TX
Setting 27
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3852G	57.23	74.00	-16.77	26.07	3	Horizontal	122	2.39	-	28.37	2.79	-
AV	2.3888G	44.05	54.00	-9.95	12.88	3	Horizontal	122	2.39	-	28.38	2.79	-
PK	2.4628G	121.73	Inf	-Inf	90.42	3	Horizontal	122	2.39	-	28.45	2.86	-
AV	2.4612G	117.97	Inf	-Inf	86.67	3	Horizontal	122	2.39	-	28.44	2.86	-
PK	2.4835G	58.60	74.00	-15.40	27.19	3	Horizontal	122	2.39	-	28.53	2.88	-
AV	2.4835G	49.74	54.00	-4.26	18.33	3	Horizontal	122	2.39	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

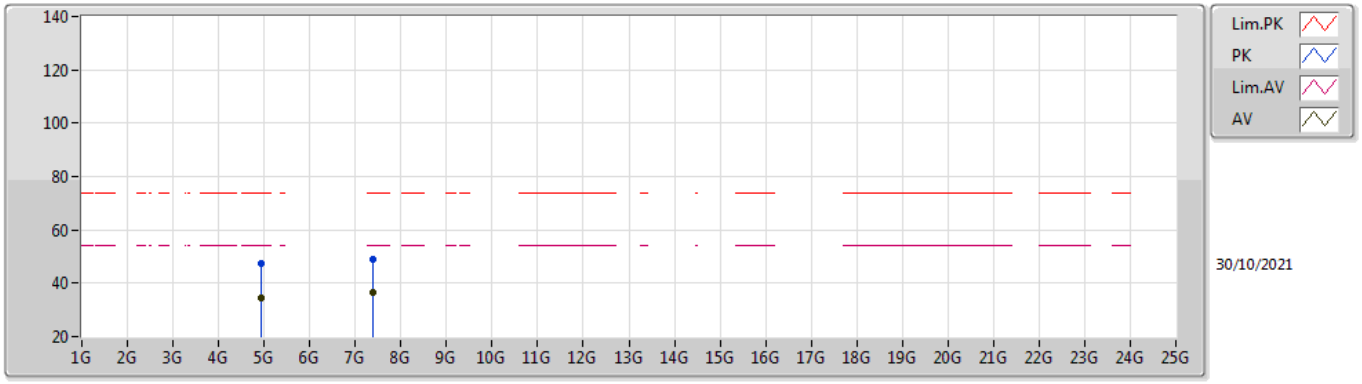


EUT Y_4TX
Setting 27
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92478G	48.10	74.00	-25.90	42.04	3	Vertical	77	1.25	-	33.15	5.10	32.19
AV	4.92306G	38.48	54.00	-15.52	32.43	3	Vertical	77	1.25	-	33.14	5.10	32.19
PK	7.38292G	49.50	74.00	-24.50	39.69	3	Vertical	175	1.70	-	36.57	6.19	32.95
AV	7.39058G	36.44	54.00	-17.56	26.62	3	Vertical	175	1.70	-	36.58	6.20	32.96

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

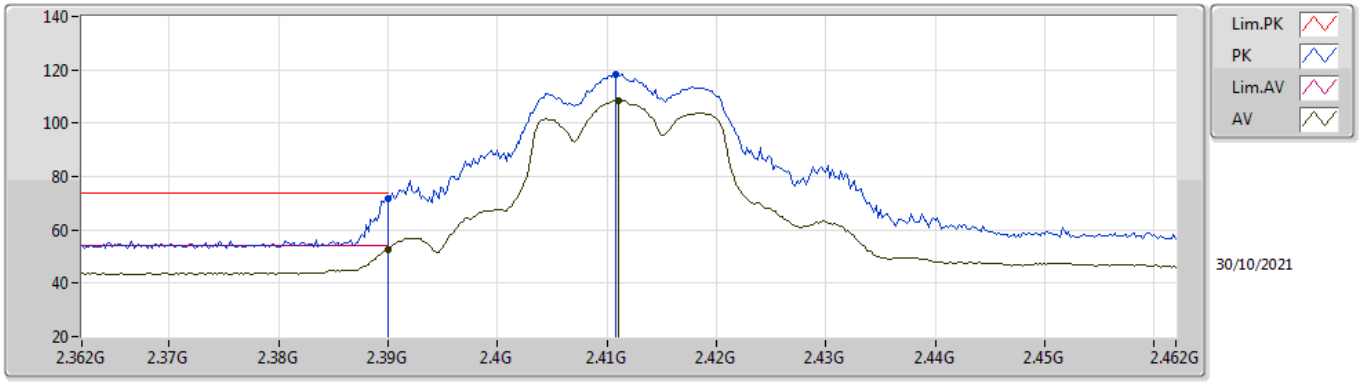


EUT Y_4TX
Setting 27
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92006G	47.19	74.00	-26.81	41.16	3	Horizontal	360	2.90	-	33.12	5.10	32.19
AV	4.91938G	34.56	54.00	-19.44	28.53	3	Horizontal	360	2.90	-	33.12	5.10	32.19
PK	7.38108G	49.10	74.00	-24.90	39.29	3	Horizontal	147	2.32	-	36.56	6.19	32.94
AV	7.38726G	36.40	54.00	-17.60	26.59	3	Horizontal	147	2.32	-	36.57	6.19	32.95

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

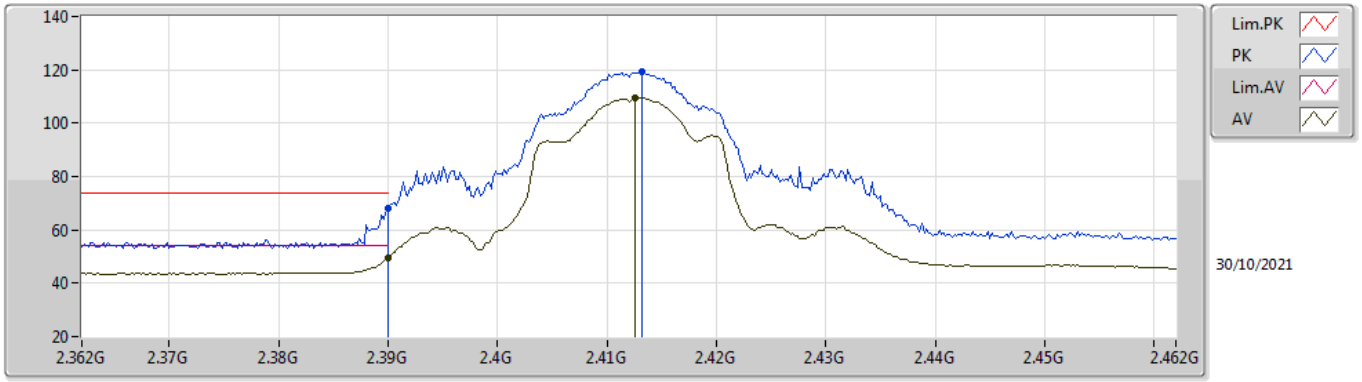


EUT Y_4TX
Setting 24
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	71.67	74.00	-2.33	40.50	3	Vertical	89	2.51	-	28.38	2.79	-
AV	2.39G	52.68	54.00	-1.32	21.51	3	Vertical	89	2.51	-	28.38	2.79	-
PK	2.4108G	118.40	Inf	-Inf	87.19	3	Vertical	89	2.51	-	28.40	2.81	-
AV	2.411G	108.63	Inf	-Inf	77.42	3	Vertical	89	2.51	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

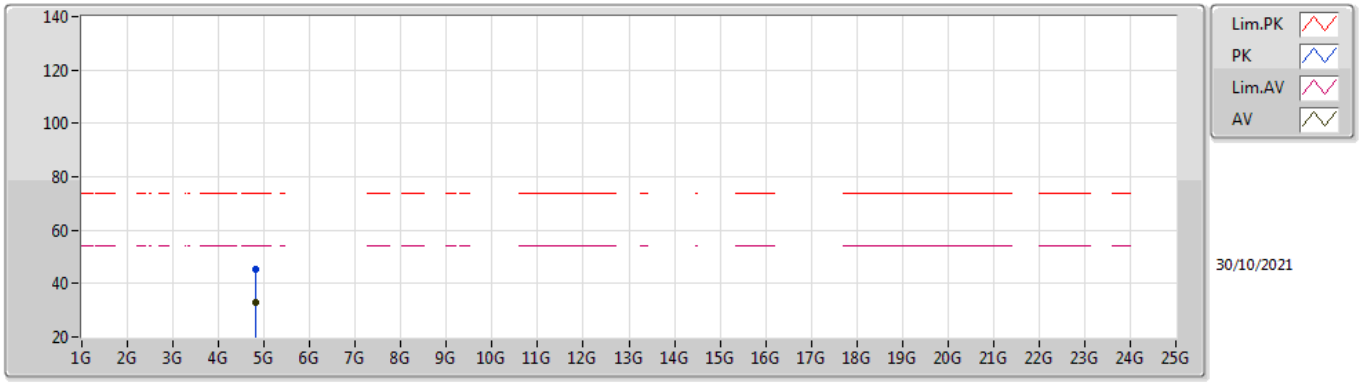


EUT Y_4TX
Setting 24
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	67.92	74.00	-6.08	36.75	3	Horizontal	123	2.48	-	28.38	2.79	-
AV	2.39G	49.39	54.00	-4.61	18.22	3	Horizontal	123	2.48	-	28.38	2.79	-
PK	2.4132G	119.34	Inf	-Inf	88.13	3	Horizontal	123	2.48	-	28.40	2.81	-
AV	2.4126G	109.55	Inf	-Inf	78.34	3	Horizontal	123	2.48	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

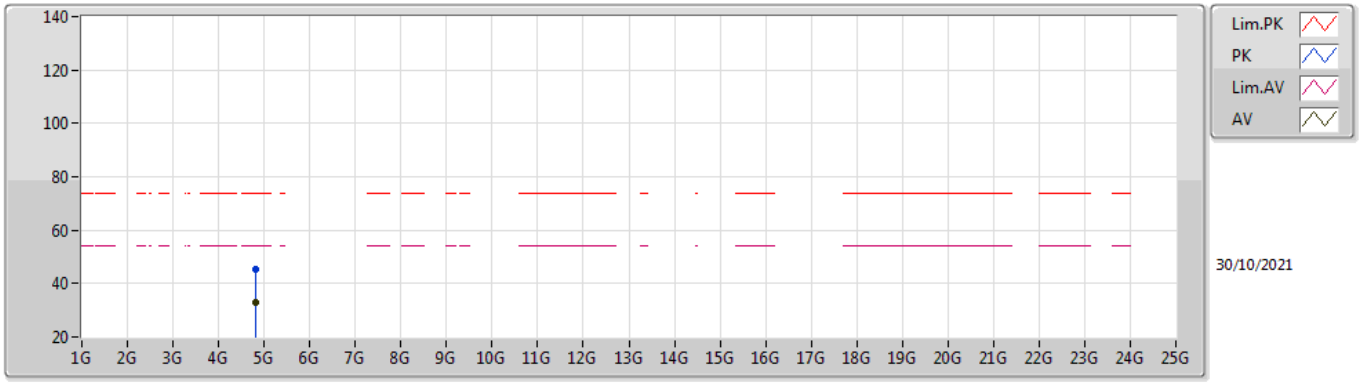


EUT Y_4TX
Setting 24
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8252G	45.57	74.00	-28.43	39.89	3	Vertical	232	1.66	-	32.80	5.10	32.22
AV	4.82228G	32.80	54.00	-21.20	27.13	3	Vertical	232	1.66	-	32.79	5.10	32.22

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

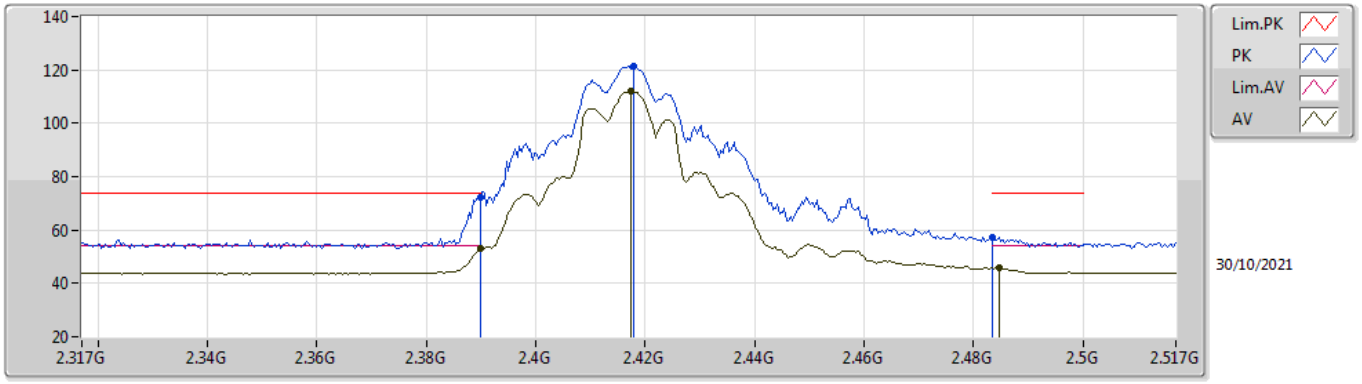


EUT Y_4TX
Setting 24
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8255G	45.52	74.00	-28.48	39.84	3	Horizontal	344	2.00	-	32.80	5.10	32.22
AV	4.82302G	32.92	54.00	-21.08	27.25	3	Horizontal	344	2.00	-	32.79	5.10	32.22

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

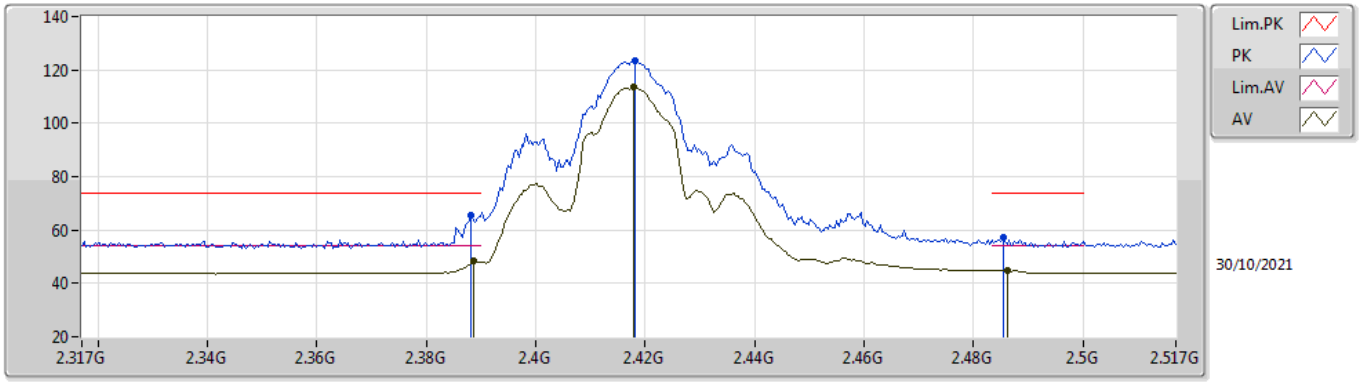


EUT Y_4TX
Setting 28.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	72.14	74.00	-1.86	40.97	3	Vertical	69	2.49	-	28.38	2.79	-
AV	2.3898G	52.92	54.00	-1.08	21.75	3	Vertical	69	2.49	-	28.38	2.79	-
PK	2.4178G	121.60	Inf	-Inf	90.38	3	Vertical	69	2.49	-	28.40	2.82	-
AV	2.4174G	112.12	Inf	-Inf	80.90	3	Vertical	69	2.49	-	28.40	2.82	-
PK	2.4835G	57.30	74.00	-16.70	25.89	3	Vertical	69	2.49	-	28.53	2.88	-
AV	2.4846G	45.79	54.00	-8.21	14.37	3	Vertical	69	2.49	-	28.54	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

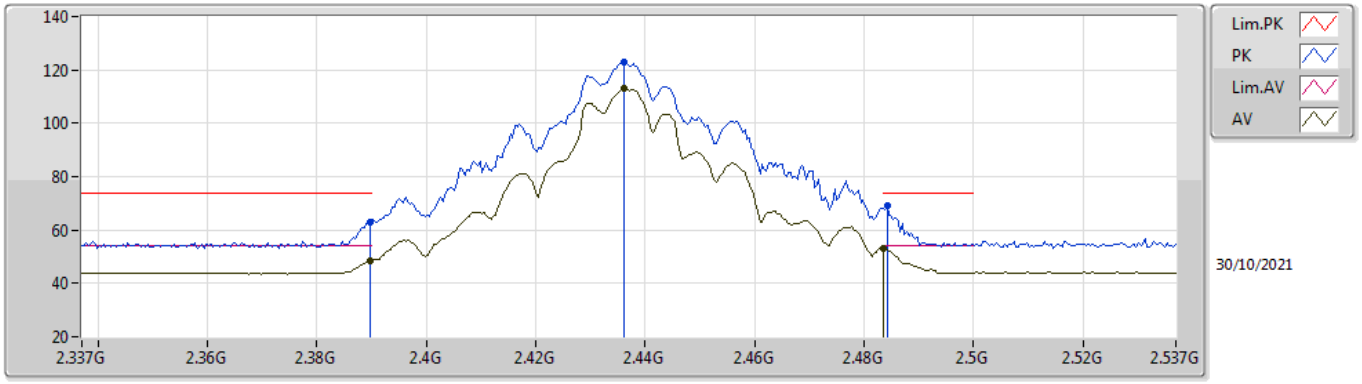


EUT Y_4TX
Setting 28.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	65.58	74.00	-8.42	34.41	3	Horizontal	129	3.00	-	28.38	2.79	-
AV	2.3886G	48.19	54.00	-5.81	17.02	3	Horizontal	129	3.00	-	28.38	2.79	-
PK	2.4182G	123.61	Inf	-Inf	92.39	3	Horizontal	129	3.00	-	28.40	2.82	-
AV	2.4178G	113.74	Inf	-Inf	82.52	3	Horizontal	129	3.00	-	28.40	2.82	-
PK	2.4854G	57.25	74.00	-16.75	25.82	3	Horizontal	129	3.00	-	28.54	2.89	-
AV	2.4862G	45.08	54.00	-8.92	13.65	3	Horizontal	129	3.00	-	28.54	2.89	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

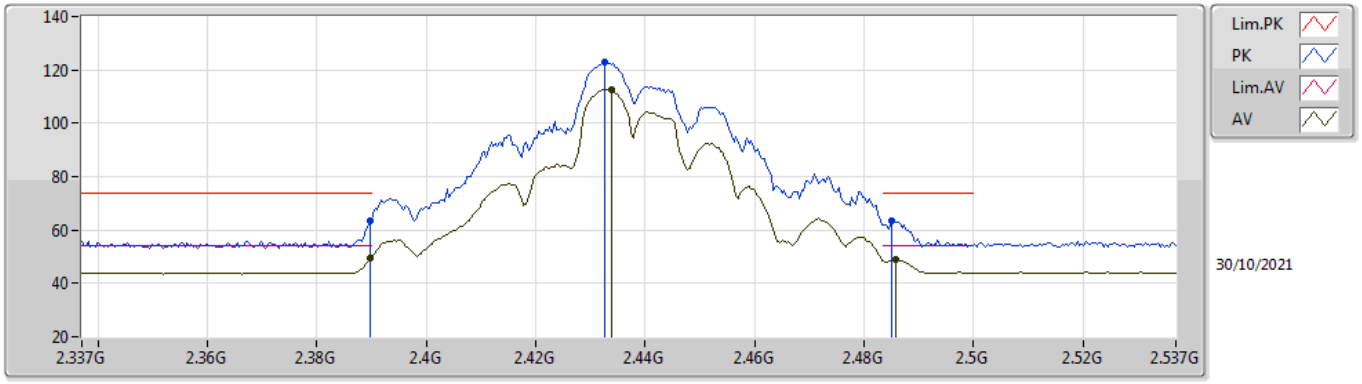


EUT Y_4TX
Setting 31.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.14	74.00	-10.86	31.97	3	Vertical	81	2.18	-	28.38	2.79	-
AV	2.3898G	48.41	54.00	-5.59	17.24	3	Vertical	81	2.18	-	28.38	2.79	-
PK	2.4362G	122.87	Inf	-Inf	91.63	3	Vertical	81	2.18	-	28.40	2.84	-
AV	2.4362G	113.21	Inf	-Inf	81.97	3	Vertical	81	2.18	-	28.40	2.84	-
PK	2.4842G	69.29	74.00	-4.71	37.87	3	Vertical	81	2.18	-	28.54	2.88	-
AV	2.4835G	52.98	54.00	-1.02	21.57	3	Vertical	81	2.18	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

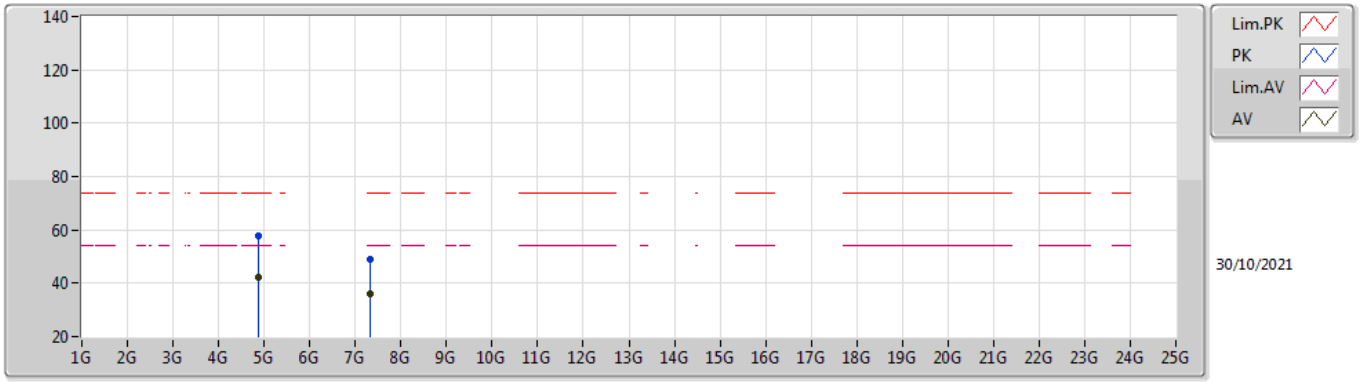


EUT Y_4TX
Setting 31.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.56	74.00	-10.44	32.39	3	Horizontal	26	2.47	-	28.38	2.79	-
AV	2.3898G	49.38	54.00	-4.62	18.21	3	Horizontal	26	2.47	-	28.38	2.79	-
PK	2.4326G	123.00	Inf	-Inf	91.77	3	Horizontal	26	2.47	-	28.40	2.83	-
AV	2.4338G	112.78	Inf	-Inf	81.55	3	Horizontal	26	2.47	-	28.40	2.83	-
PK	2.485G	63.47	74.00	-10.53	32.04	3	Horizontal	26	2.47	-	28.54	2.89	-
AV	2.4858G	48.93	54.00	-5.07	17.50	3	Horizontal	26	2.47	-	28.54	2.89	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

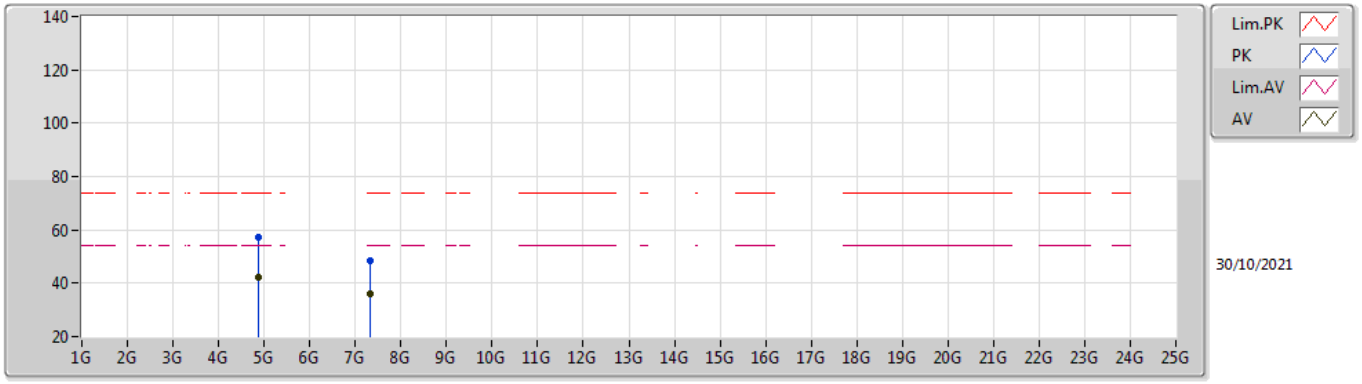


EUT Y_4TX
Setting 31.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87176G	57.94	74.00	-16.06	52.11	3	Vertical	81	1.97	-	32.94	5.10	32.21
AV	4.87824G	42.42	54.00	-11.58	36.56	3	Vertical	81	1.97	-	32.96	5.10	32.20
PK	7.31506G	48.79	74.00	-25.21	39.03	3	Vertical	56	2.78	-	36.43	6.16	32.83
AV	7.31242G	35.99	54.00	-18.01	26.23	3	Vertical	56	2.78	-	36.42	6.16	32.82

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

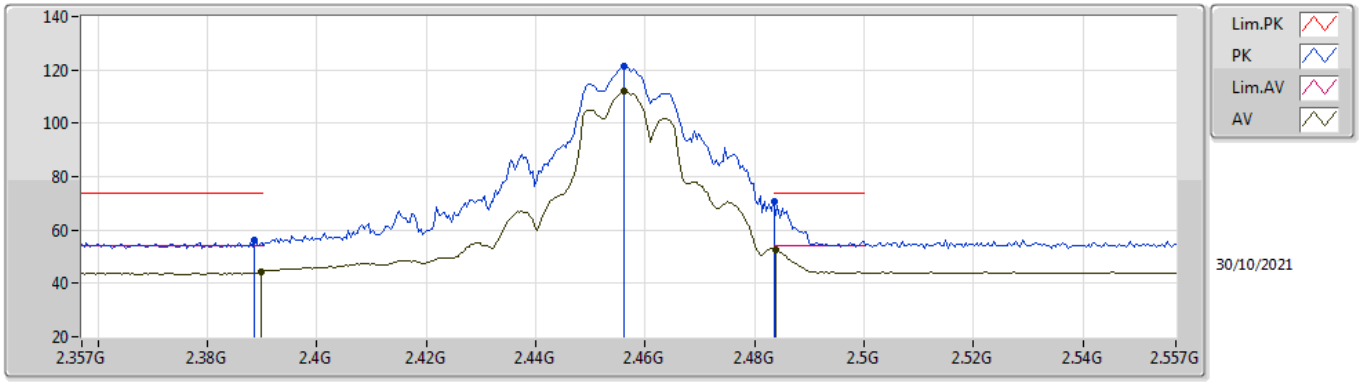


EUT Y_4TX
Setting 31.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87736G	57.05	74.00	-16.95	51.20	3	Horizontal	10	1.88	-	32.95	5.10	32.20
AV	4.87762G	42.25	54.00	-11.75	36.39	3	Horizontal	10	1.88	-	32.96	5.10	32.20
PK	7.31546G	48.70	74.00	-25.30	38.94	3	Horizontal	126	1.28	-	36.43	6.16	32.83
AV	7.31238G	36.09	54.00	-17.91	26.33	3	Horizontal	126	1.28	-	36.42	6.16	32.82

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

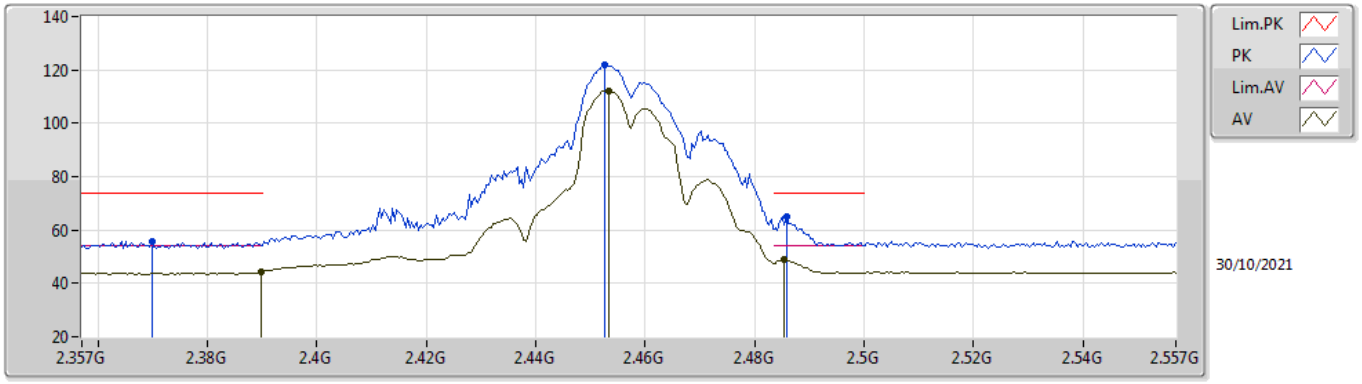


EUT Y_4TX
Setting 26.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	56.23	74.00	-17.77	25.06	3	Vertical	84	1.80	-	28.38	2.79	-
AV	2.3898G	44.26	54.00	-9.74	13.09	3	Vertical	84	1.80	-	28.38	2.79	-
PK	2.4562G	121.40	Inf	-Inf	90.12	3	Vertical	84	1.80	-	28.42	2.86	-
AV	2.4562G	112.00	Inf	-Inf	80.72	3	Vertical	84	1.80	-	28.42	2.86	-
PK	2.4835G	70.84	74.00	-3.16	39.43	3	Vertical	84	1.80	-	28.53	2.88	-
AV	2.4838G	52.73	54.00	-1.27	21.31	3	Vertical	84	1.80	-	28.54	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

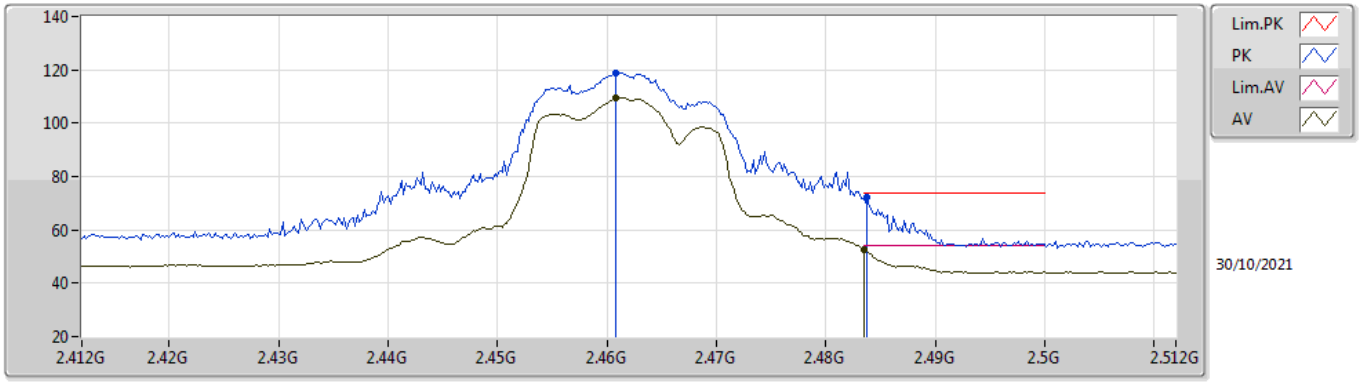


EUT Y_4TX
Setting 26.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3698G	55.53	74.00	-18.47	24.41	3	Horizontal	31	2.45	-	28.34	2.78	-
AV	2.3898G	44.29	54.00	-9.71	13.12	3	Horizontal	31	2.45	-	28.38	2.79	-
PK	2.4526G	121.82	Inf	-Inf	90.56	3	Horizontal	31	2.45	-	28.41	2.85	-
AV	2.4534G	112.12	Inf	-Inf	80.86	3	Horizontal	31	2.45	-	28.41	2.85	-
PK	2.4858G	65.23	74.00	-8.77	33.80	3	Horizontal	31	2.45	-	28.54	2.89	-
AV	2.4854G	48.87	54.00	-5.13	17.44	3	Horizontal	31	2.45	-	28.54	2.89	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

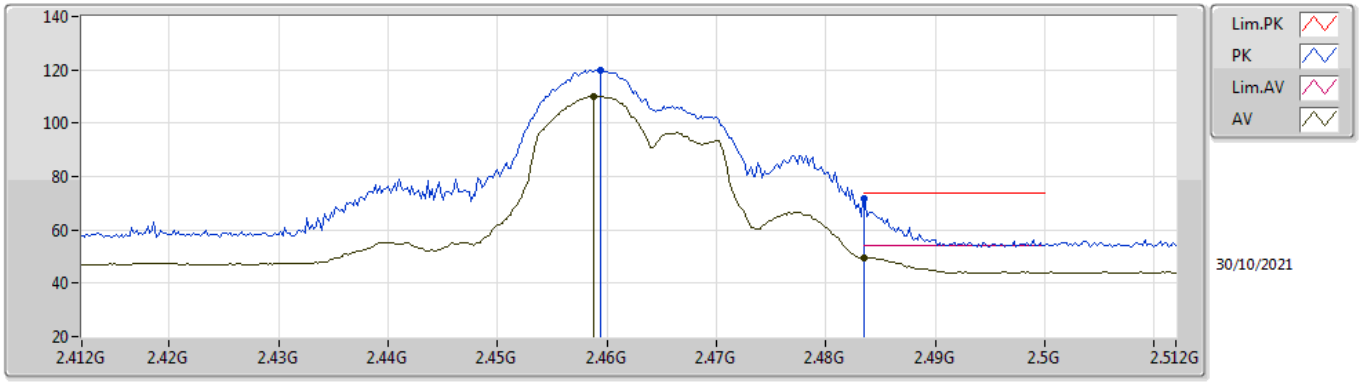


EUT Y_4TX
Setting 22.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4608G	118.84	Inf	-Inf	87.54	3	Vertical	78	1.79	-	28.44	2.86	-
AV	2.4608G	109.35	Inf	-Inf	78.05	3	Vertical	78	1.79	-	28.44	2.86	-
PK	2.4838G	72.18	74.00	-1.82	40.76	3	Vertical	78	1.79	-	28.54	2.88	-
AV	2.4835G	52.74	54.00	-1.26	21.33	3	Vertical	78	1.79	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

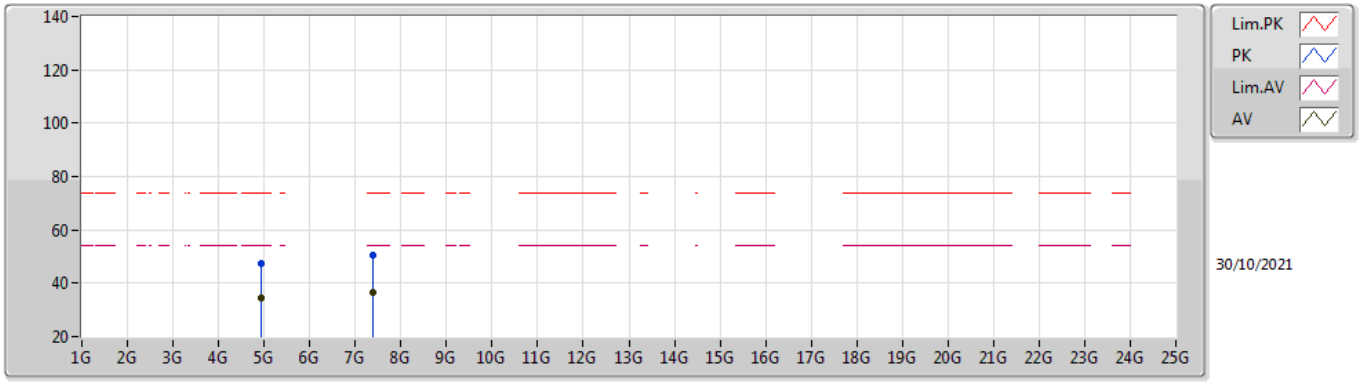


EUT Y_4TX
Setting 22.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4594G	119.85	Inf	-Inf	88.55	3	Horizontal	46	2.37	-	28.44	2.86	-
AV	2.4588G	110.04	Inf	-Inf	78.74	3	Horizontal	46	2.37	-	28.44	2.86	-
PK	2.4835G	71.47	74.00	-2.53	40.06	3	Horizontal	46	2.37	-	28.53	2.88	-
AV	2.4835G	49.66	54.00	-4.34	18.25	3	Horizontal	46	2.37	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

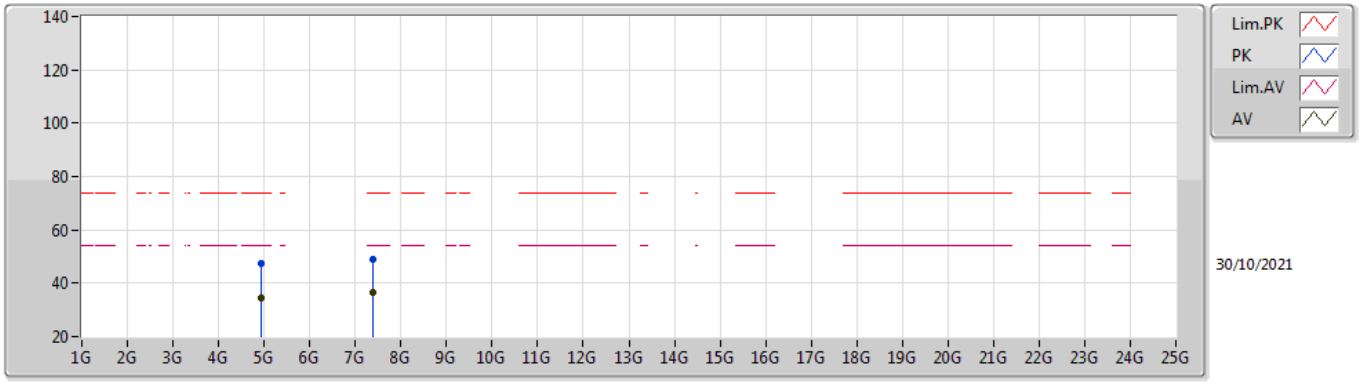


EUT Y_4TX
Setting 22.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92618G	47.64	74.00	-26.36	41.57	3	Vertical	278	1.57	-	33.16	5.10	32.19
AV	4.92546G	34.45	54.00	-19.55	28.39	3	Vertical	278	1.57	-	33.15	5.10	32.19
PK	7.38198G	50.52	74.00	-23.48	40.71	3	Vertical	185	2.36	-	36.56	6.19	32.94
AV	7.38992G	36.48	54.00	-17.52	26.67	3	Vertical	185	2.36	-	36.58	6.19	32.96

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

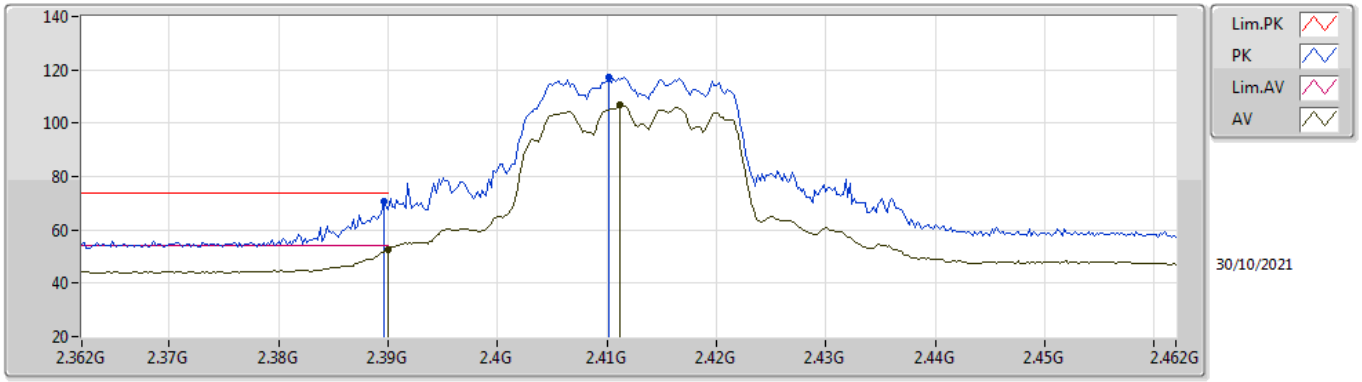


EUT Y_4TX
Setting 22.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9214G	47.20	74.00	-26.80	41.16	3	Horizontal	7	1.59	-	33.13	5.10	32.19
AV	4.92632G	34.71	54.00	-19.29	28.64	3	Horizontal	7	1.59	-	33.16	5.10	32.19
PK	7.3868G	49.03	74.00	-24.97	39.22	3	Horizontal	133	2.70	-	36.57	6.19	32.95
AV	7.3851G	36.46	54.00	-17.54	26.65	3	Horizontal	133	2.70	-	36.57	6.19	32.95

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

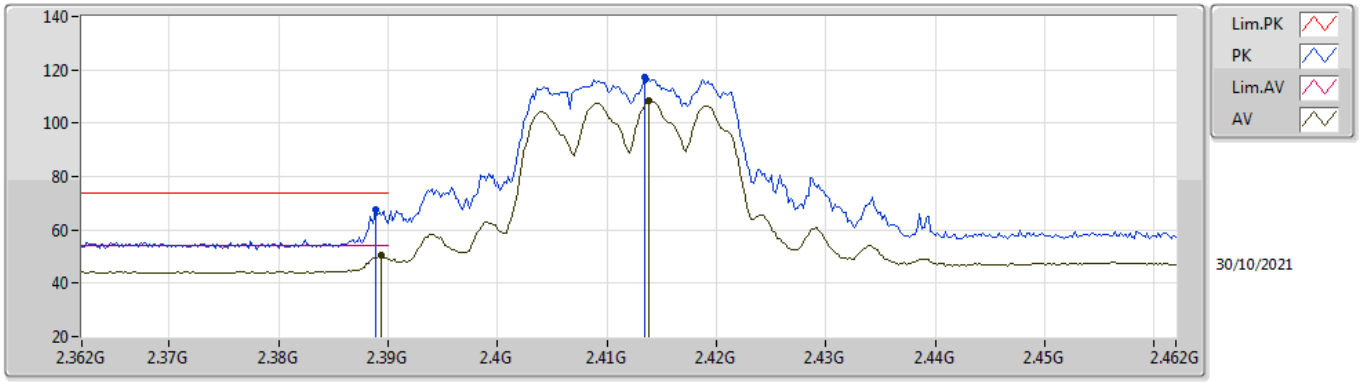


EUT Y_4TX
Setting 21.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	70.71	74.00	-3.29	39.54	3	Vertical	98	3.00	-	28.38	2.79	-
AV	2.39G	52.81	54.00	-1.19	21.64	3	Vertical	98	3.00	-	28.38	2.79	-
PK	2.4102G	117.40	Inf	-Inf	86.19	3	Vertical	98	3.00	-	28.40	2.81	-
AV	2.4112G	106.87	Inf	-Inf	75.66	3	Vertical	98	3.00	-	28.40	2.81	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

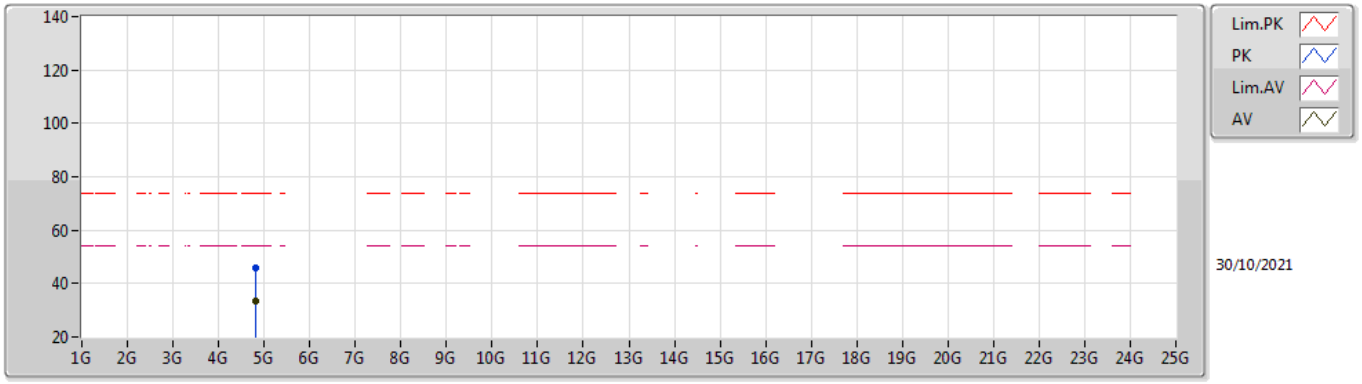


EUT Y_4TX
Setting 21.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	67.74	74.00	-6.26	36.57	3	Horizontal	15	2.28	-	28.38	2.79	-
AV	2.3894G	50.27	54.00	-3.73	19.10	3	Horizontal	15	2.28	-	28.38	2.79	-
PK	2.4134G	117.13	Inf	-Inf	85.92	3	Horizontal	15	2.28	-	28.40	2.81	-
AV	2.4138G	108.19	Inf	-Inf	76.98	3	Horizontal	15	2.28	-	28.40	2.81	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

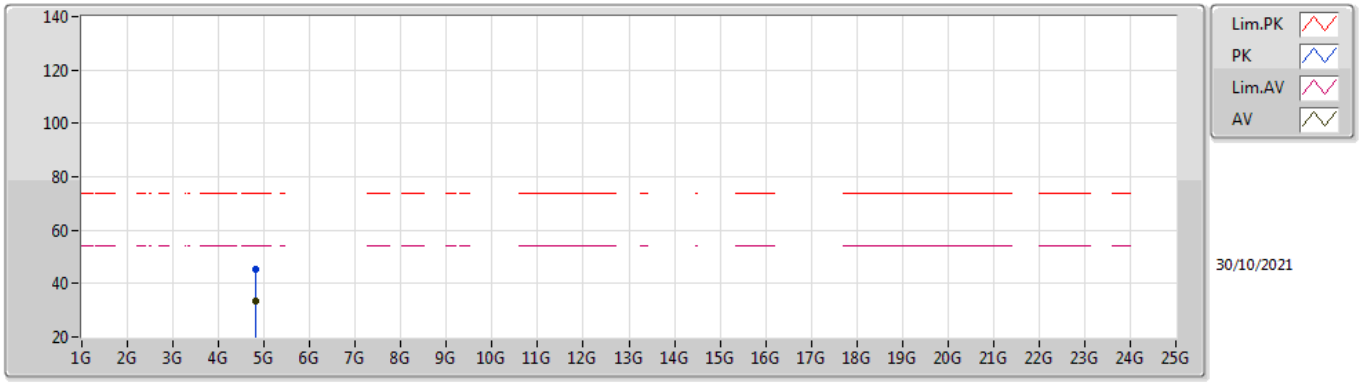


EUT Y_4TX
Setting 21.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82398G	45.99	74.00	-28.01	40.31	3	Vertical	7	1.04	-	32.80	5.10	32.22
AV	4.826G	33.53	54.00	-20.47	27.85	3	Vertical	7	1.04	-	32.80	5.10	32.22

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

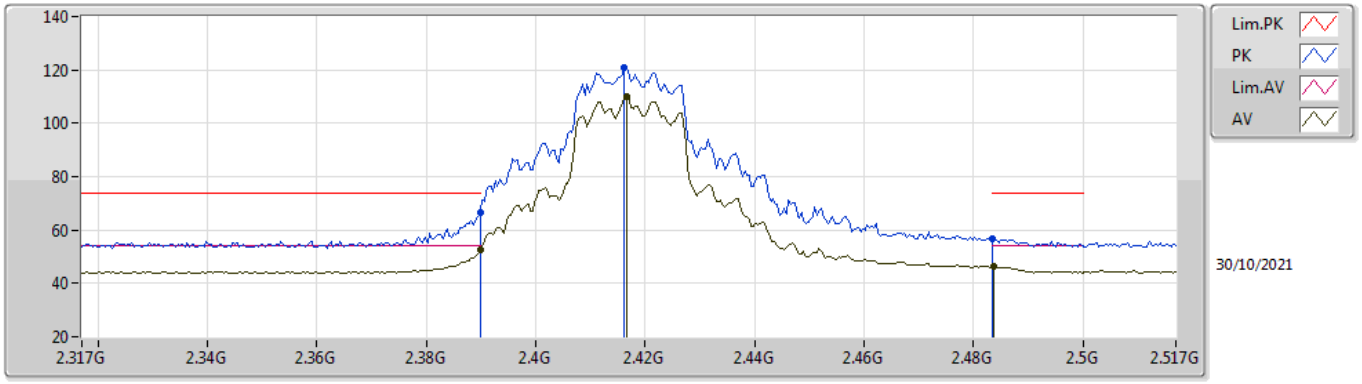


EUT Y_4TX
Setting 21.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82682G	45.27	74.00	-28.73	39.58	3	Horizontal	8	1.68	-	32.81	5.10	32.22
AV	4.82622G	33.66	54.00	-20.34	27.98	3	Horizontal	8	1.68	-	32.80	5.10	32.22

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

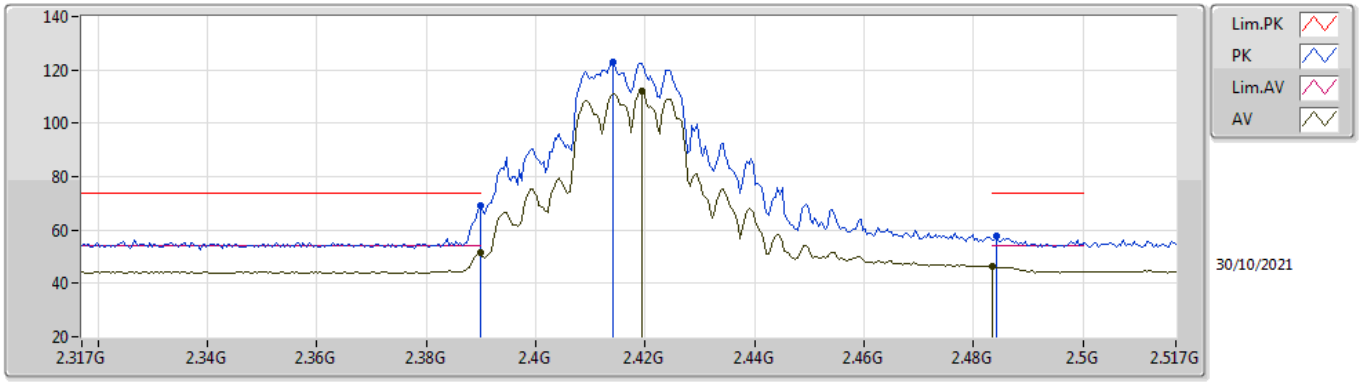


EUT Y_4TX
Setting 26
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	66.81	74.00	-7.19	35.64	3	Vertical	88	1.95	-	28.38	2.79	-
AV	2.3898G	52.73	54.00	-1.27	21.56	3	Vertical	88	1.95	-	28.38	2.79	-
PK	2.4162G	120.86	Inf	-Inf	89.64	3	Vertical	88	1.95	-	28.40	2.82	-
AV	2.4166G	109.98	Inf	-Inf	78.76	3	Vertical	88	1.95	-	28.40	2.82	-
PK	2.4835G	56.54	74.00	-17.46	25.13	3	Vertical	88	1.95	-	28.53	2.88	-
AV	2.4838G	46.18	54.00	-7.82	14.76	3	Vertical	88	1.95	-	28.54	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

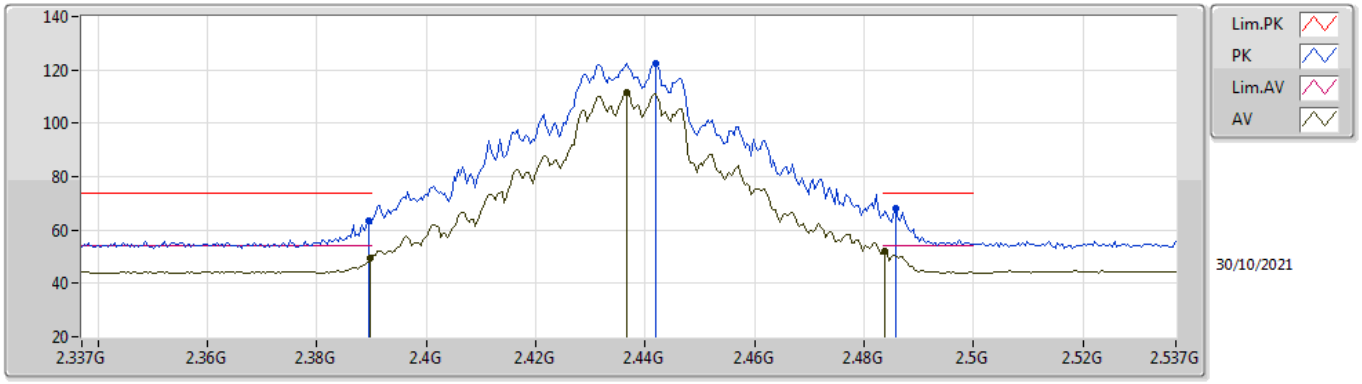


EUT Y_4TX
Setting 26
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	69.10	74.00	-4.90	37.93	3	Horizontal	19	2.50	-	28.38	2.79	-
AV	2.3898G	51.53	54.00	-2.47	20.36	3	Horizontal	19	2.50	-	28.38	2.79	-
PK	2.4142G	123.05	Inf	-Inf	91.84	3	Horizontal	19	2.50	-	28.40	2.81	-
AV	2.4194G	112.15	Inf	-Inf	80.93	3	Horizontal	19	2.50	-	28.40	2.82	-
PK	2.4842G	57.54	74.00	-16.46	26.12	3	Horizontal	19	2.50	-	28.54	2.88	-
AV	2.4835G	46.27	54.00	-7.73	14.86	3	Horizontal	19	2.50	-	28.53	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

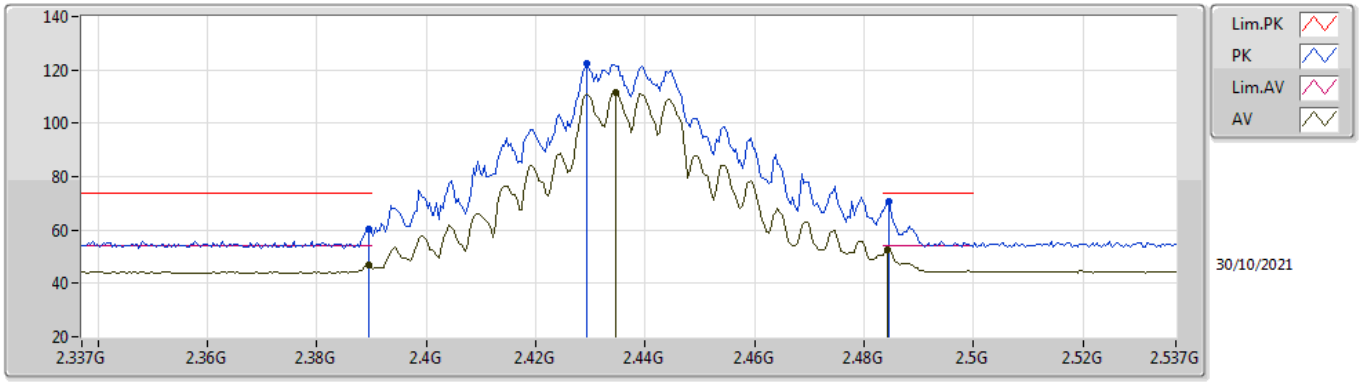


EUT Y_4TX
Setting 28
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	63.23	74.00	-10.77	32.06	3	Vertical	90	2.19	-	28.38	2.79	-
AV	2.3898G	49.24	54.00	-4.76	18.07	3	Vertical	90	2.19	-	28.38	2.79	-
PK	2.4418G	122.31	Inf	-Inf	91.07	3	Vertical	90	2.19	-	28.40	2.84	-
AV	2.4366G	111.64	Inf	-Inf	80.40	3	Vertical	90	2.19	-	28.40	2.84	-
PK	2.4858G	68.32	74.00	-5.68	36.89	3	Vertical	90	2.19	-	28.54	2.89	-
AV	2.4838G	51.96	54.00	-2.04	20.54	3	Vertical	90	2.19	-	28.54	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

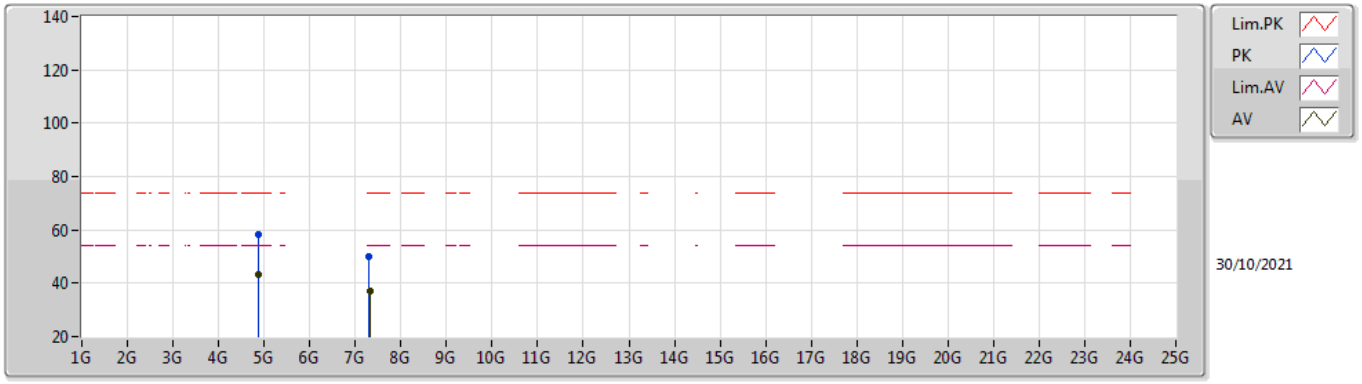


EUT Y_4TX
Setting 28
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	60.50	74.00	-13.50	29.33	3	Horizontal	21	1.61	-	28.38	2.79	-
AV	2.3894G	46.80	54.00	-7.20	15.63	3	Horizontal	21	1.61	-	28.38	2.79	-
PK	2.4294G	122.50	Inf	-Inf	91.27	3	Horizontal	21	1.61	-	28.40	2.83	-
AV	2.4346G	111.66	Inf	-Inf	80.43	3	Horizontal	21	1.61	-	28.40	2.83	-
PK	2.4846G	70.64	74.00	-3.36	39.22	3	Horizontal	21	1.61	-	28.54	2.88	-
AV	2.4842G	52.83	54.00	-1.17	21.41	3	Horizontal	21	1.61	-	28.54	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

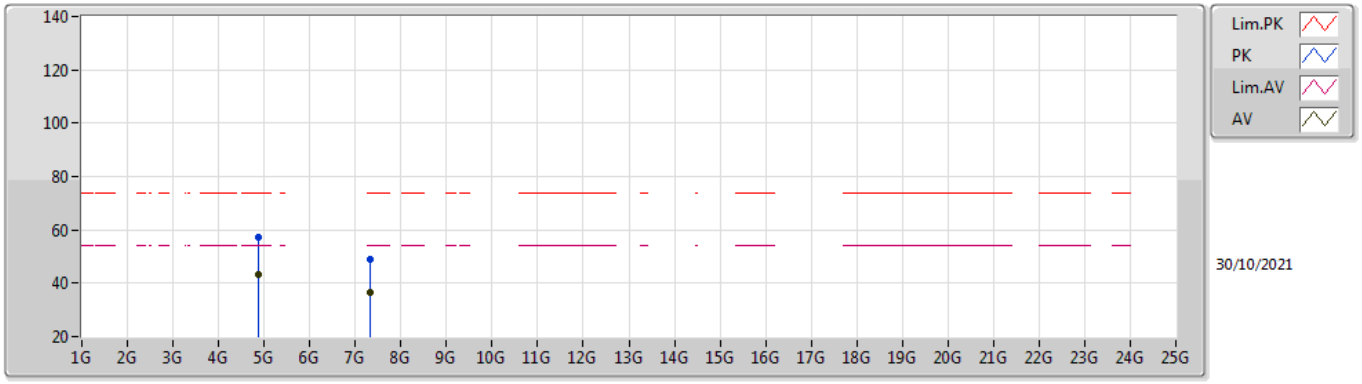


EUT Y_4TX
Setting 28
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87182G	58.11	74.00	-15.89	52.28	3	Vertical	307	1.37	-	32.94	5.10	32.21
AV	4.87788G	43.02	54.00	-10.98	37.16	3	Vertical	307	1.37	-	32.96	5.10	32.20
PK	7.30796G	49.94	74.00	-24.06	40.19	3	Vertical	316	2.69	-	36.42	6.15	32.82
AV	7.31356G	36.82	54.00	-17.18	27.06	3	Vertical	316	2.69	-	36.43	6.16	32.83

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

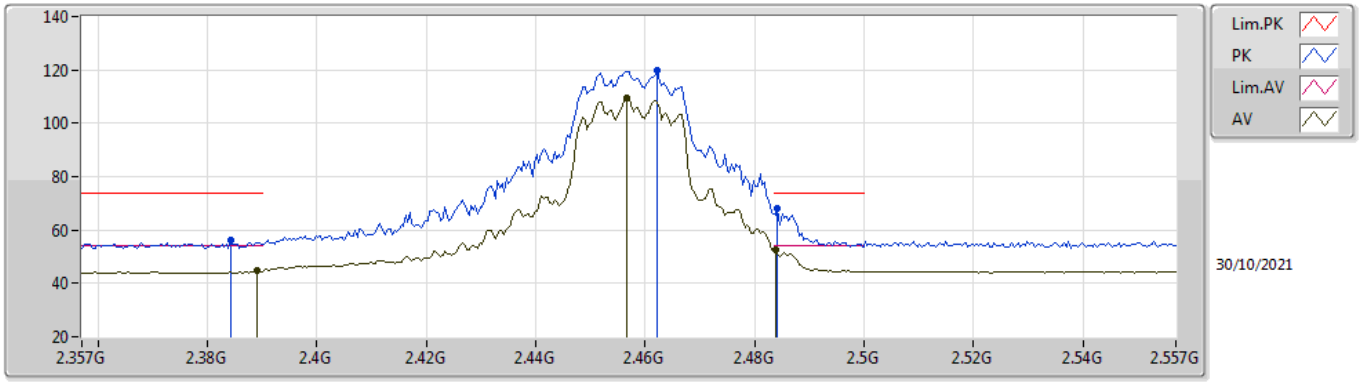


EUT Y_4TX
Setting 28
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87738G	57.08	74.00	-16.92	51.23	3	Horizontal	102	1.20	-	32.95	5.10	32.20
AV	4.87734G	43.04	54.00	-10.96	37.19	3	Horizontal	102	1.20	-	32.95	5.10	32.20
PK	7.3136G	48.92	74.00	-25.08	39.16	3	Horizontal	305	1.76	-	36.43	6.16	32.83
AV	7.31598G	36.71	54.00	-17.29	26.95	3	Horizontal	305	1.76	-	36.43	6.16	32.83

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

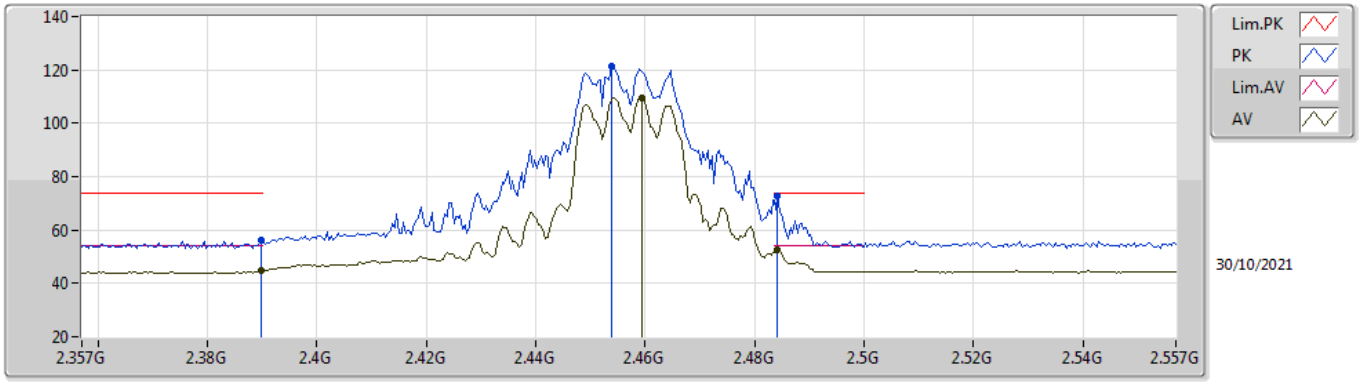


EUT Y_4TX
Setting 23.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3842G	56.20	74.00	-17.80	25.04	3	Vertical	86	1.80	-	28.37	2.79	-
AV	2.389G	44.68	54.00	-9.32	13.51	3	Vertical	86	1.80	-	28.38	2.79	-
PK	2.4622G	119.91	Inf	-Inf	88.60	3	Vertical	86	1.80	-	28.45	2.86	-
AV	2.4566G	109.66	Inf	-Inf	78.37	3	Vertical	86	1.80	-	28.43	2.86	-
PK	2.4842G	68.32	74.00	-5.68	36.90	3	Vertical	86	1.80	-	28.54	2.88	-
AV	2.4838G	52.47	54.00	-1.53	21.05	3	Vertical	86	1.80	-	28.54	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

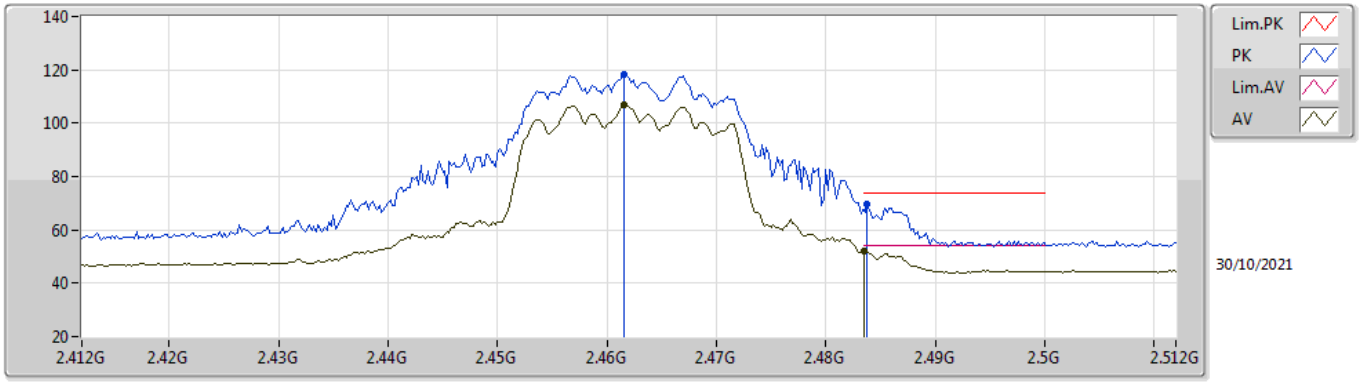


EUT Y_4TX
Setting 23.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	56.28	74.00	-17.72	25.11	3	Horizontal	21	1.80	-	28.38	2.79	-
AV	2.3898G	45.04	54.00	-8.96	13.87	3	Horizontal	21	1.80	-	28.38	2.79	-
PK	2.4538G	121.27	Inf	-Inf	90.00	3	Horizontal	21	1.80	-	28.42	2.85	-
AV	2.4594G	109.51	Inf	-Inf	78.21	3	Horizontal	21	1.80	-	28.44	2.86	-
PK	2.4842G	72.64	74.00	-1.36	41.22	3	Horizontal	21	1.80	-	28.54	2.88	-
AV	2.4842G	52.77	54.00	-1.23	21.35	3	Horizontal	21	1.80	-	28.54	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

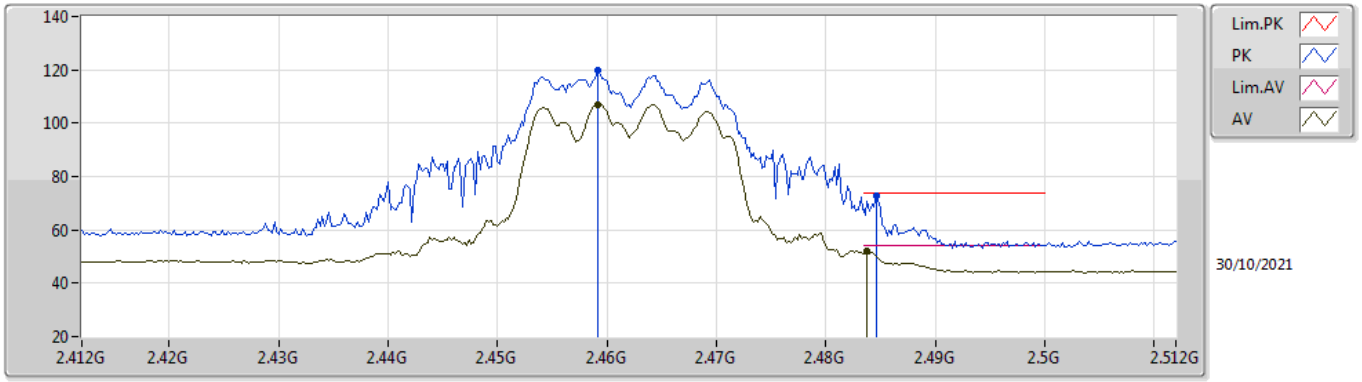


EUT Y_4TX
Setting 20
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4616G	118.28	Inf	-Inf	86.97	3	Vertical	82	1.80	-	28.45	2.86	-
AV	2.4616G	107.06	Inf	-Inf	75.75	3	Vertical	82	1.80	-	28.45	2.86	-
PK	2.4838G	69.91	74.00	-4.09	38.49	3	Vertical	82	1.80	-	28.54	2.88	-
AV	2.4835G	52.19	54.00	-1.81	20.78	3	Vertical	82	1.80	-	28.53	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

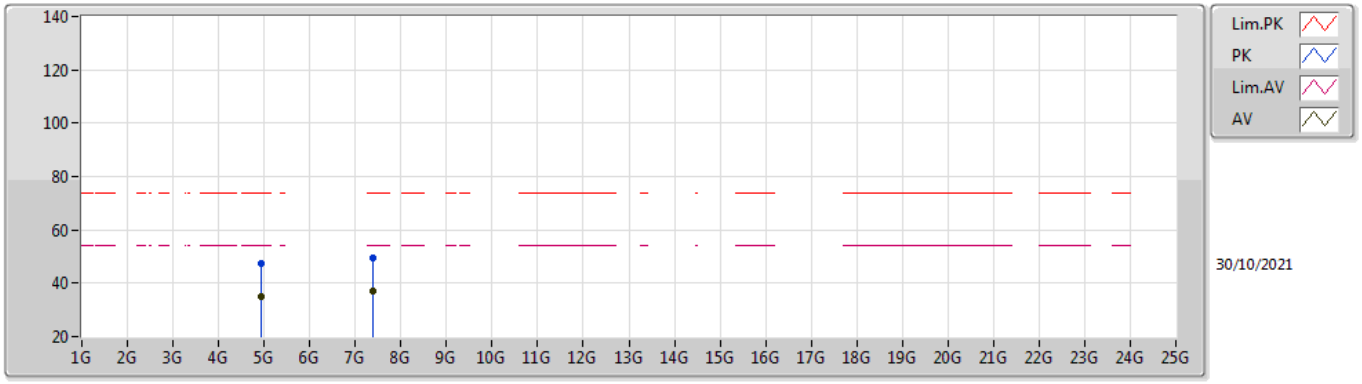


EUT Y_4TX
Setting 20
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4592G	119.71	Inf	-Inf	88.41	3	Horizontal	23	2.44	-	28.44	2.86	-
AV	2.4592G	107.13	Inf	-Inf	75.83	3	Horizontal	23	2.44	-	28.44	2.86	-
PK	2.4846G	72.64	74.00	-1.36	41.22	3	Horizontal	23	2.44	-	28.54	2.88	-
AV	2.4838G	51.95	54.00	-2.05	20.53	3	Horizontal	23	2.44	-	28.54	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

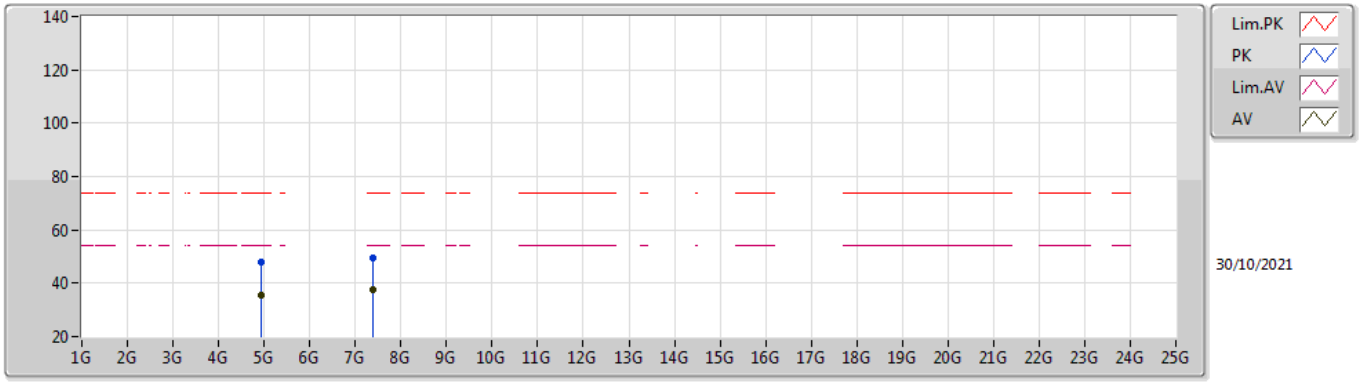


EUT Y_4TX
Setting 20
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92252G	47.64	74.00	-26.36	41.59	3	Vertical	26	2.93	-	33.14	5.10	32.19
AV	4.92242G	35.15	54.00	-18.85	29.11	3	Vertical	26	2.93	-	33.13	5.10	32.19
PK	7.39022G	49.69	74.00	-24.31	39.87	3	Vertical	148	1.73	-	36.58	6.20	32.96
AV	7.38828G	37.29	54.00	-16.71	27.48	3	Vertical	148	1.73	-	36.58	6.19	32.96

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

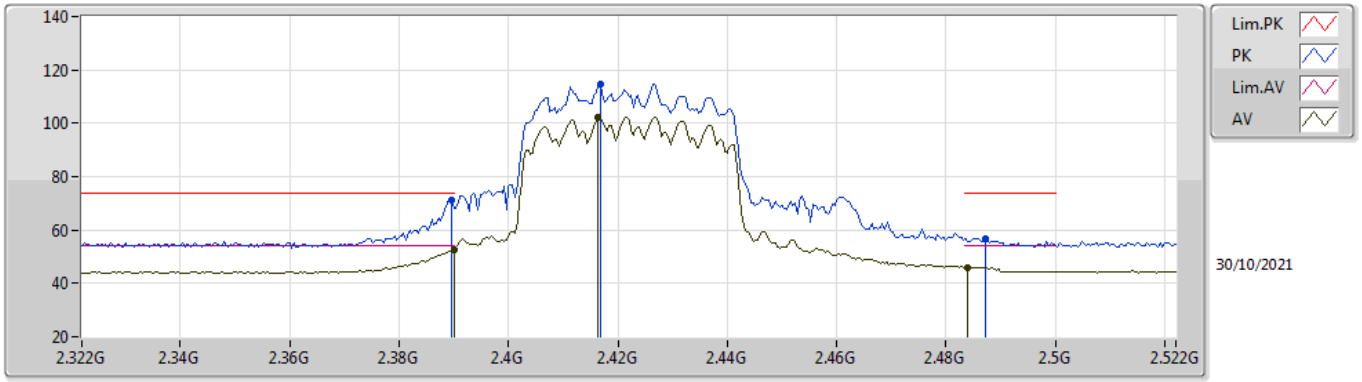


EUT Y_4TX
Setting 20
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9267G	48.09	74.00	-25.91	42.02	3	Horizontal	310	1.21	-	33.16	5.10	32.19
AV	4.91966G	35.27	54.00	-18.73	29.24	3	Horizontal	310	1.21	-	33.12	5.10	32.19
PK	7.38792G	49.68	74.00	-24.32	39.86	3	Horizontal	24	1.04	-	36.58	6.19	32.95
AV	7.38218G	37.40	54.00	-16.60	27.59	3	Horizontal	24	1.04	-	36.56	6.19	32.94

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

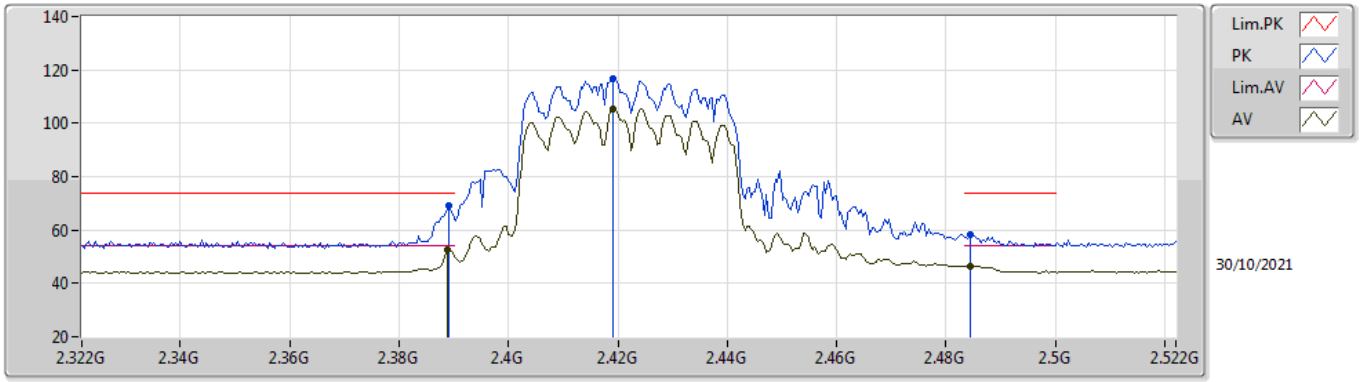


EUT Y_4TX
Setting 20.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	71.31	74.00	-2.69	40.14	3	Vertical	80	2.21	-	28.38	2.79	-
AV	2.39G	52.71	54.00	-1.29	21.54	3	Vertical	80	2.21	-	28.38	2.79	-
PK	2.4168G	114.62	Inf	-Inf	83.40	3	Vertical	80	2.21	-	28.40	2.82	-
AV	2.4164G	102.38	Inf	-Inf	71.16	3	Vertical	80	2.21	-	28.40	2.82	-
PK	2.4872G	56.89	74.00	-17.11	25.45	3	Vertical	80	2.21	-	28.55	2.89	-
AV	2.484G	46.09	54.00	-7.91	14.67	3	Vertical	80	2.21	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

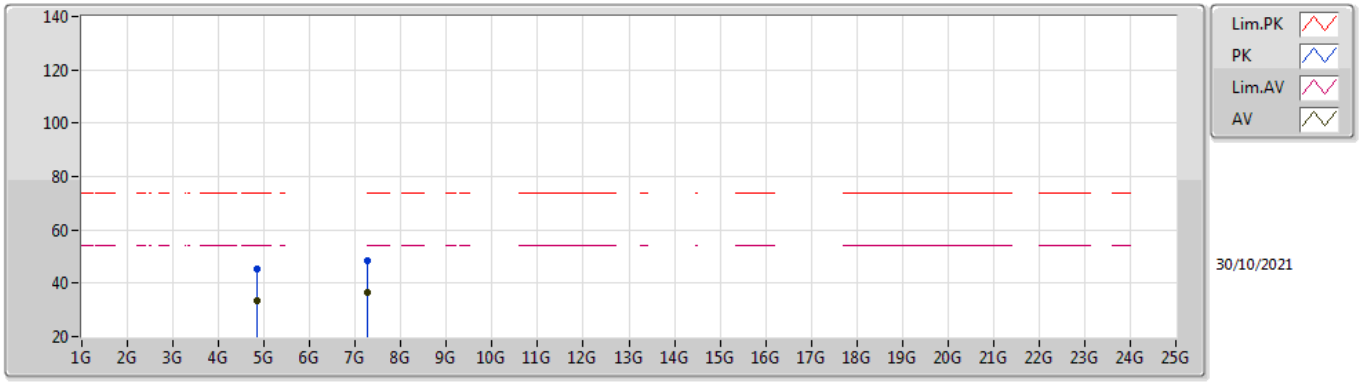


EUT Y_4TX
Setting 20.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	68.92	74.00	-5.08	37.75	3	Horizontal	21	2.49	-	28.38	2.79	-
AV	2.3888G	52.41	54.00	-1.59	21.24	3	Horizontal	21	2.49	-	28.38	2.79	-
PK	2.4192G	116.93	Inf	-Inf	85.71	3	Horizontal	21	2.49	-	28.40	2.82	-
AV	2.4192G	105.57	Inf	-Inf	74.35	3	Horizontal	21	2.49	-	28.40	2.82	-
PK	2.4844G	58.35	74.00	-15.65	26.93	3	Horizontal	21	2.49	-	28.54	2.88	-
AV	2.4844G	46.57	54.00	-7.43	15.15	3	Horizontal	21	2.49	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

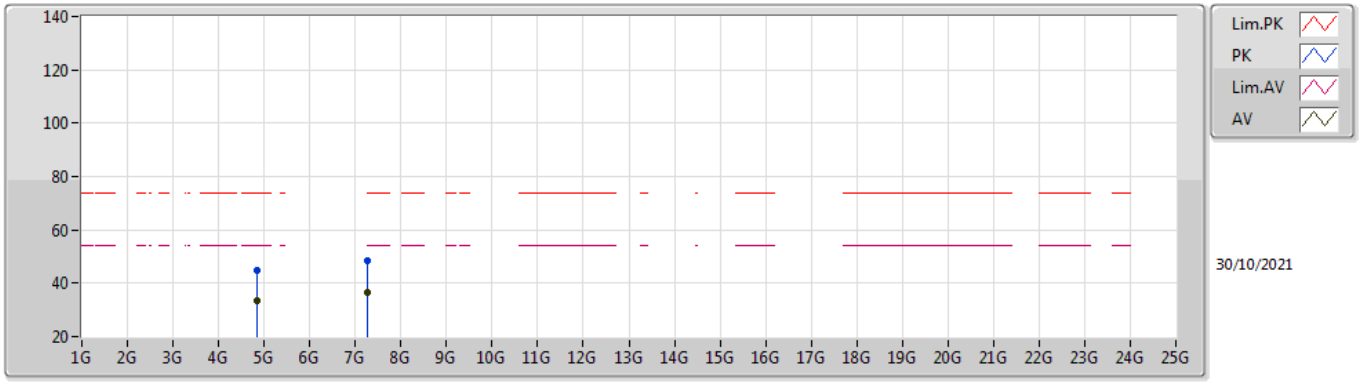


EUT Y_4TX
Setting 20.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84398G	45.35	74.00	-28.65	39.59	3	Vertical	219	2.10	-	32.88	5.10	32.22
AV	4.84226G	33.64	54.00	-20.36	27.89	3	Vertical	219	2.10	-	32.87	5.10	32.22
PK	7.26944G	48.65	74.00	-25.35	39.05	3	Vertical	46	1.06	-	36.22	6.13	32.75
AV	7.26328G	36.45	54.00	-17.55	26.88	3	Vertical	46	1.06	-	36.18	6.13	32.74

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

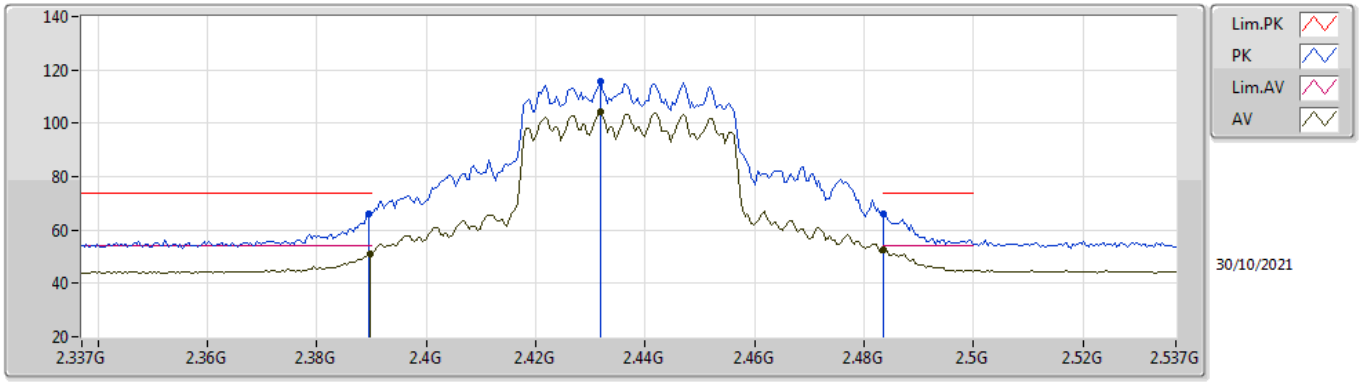


EUT Y_4TX
Setting 20.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.849G	44.94	74.00	-29.06	39.15	3	Horizontal	192	2.97	-	32.90	5.10	32.21
AV	4.84834G	33.54	54.00	-20.46	27.76	3	Horizontal	192	2.97	-	32.89	5.10	32.21
PK	7.2621G	48.34	74.00	-25.66	38.78	3	Horizontal	15	1.81	-	36.17	6.13	32.74
AV	7.26426G	36.51	54.00	-17.49	26.93	3	Horizontal	15	1.81	-	36.19	6.13	32.74

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

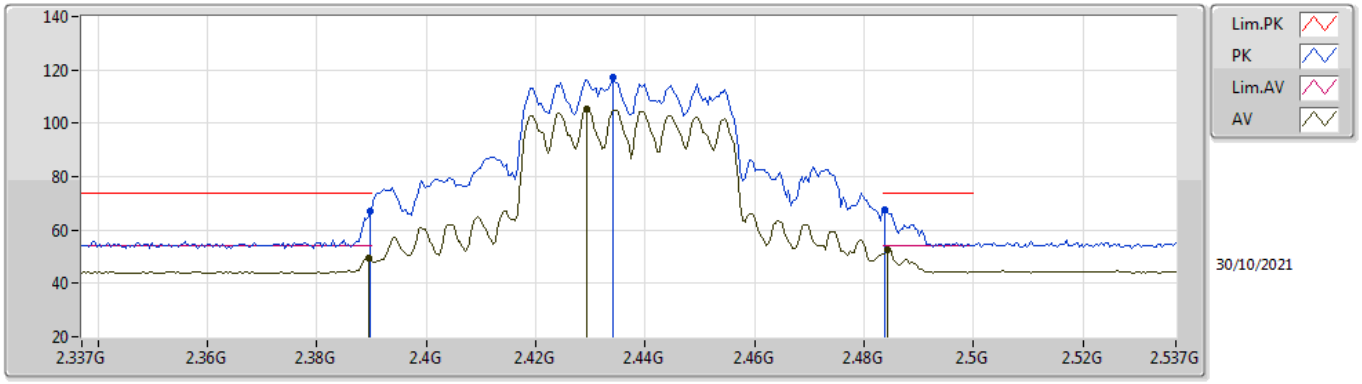


EUT Y_4TX
Setting 22.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	66.21	74.00	-7.79	35.04	3	Vertical	82	2.18	-	28.38	2.79	-
AV	2.3898G	51.04	54.00	-2.96	19.87	3	Vertical	82	2.18	-	28.38	2.79	-
PK	2.4318G	115.69	Inf	-Inf	84.46	3	Vertical	82	2.18	-	28.40	2.83	-
AV	2.4318G	104.11	Inf	-Inf	72.88	3	Vertical	82	2.18	-	28.40	2.83	-
PK	2.4835G	66.27	74.00	-7.73	34.86	3	Vertical	82	2.18	-	28.53	2.88	-
AV	2.4835G	52.78	54.00	-1.22	21.37	3	Vertical	82	2.18	-	28.53	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

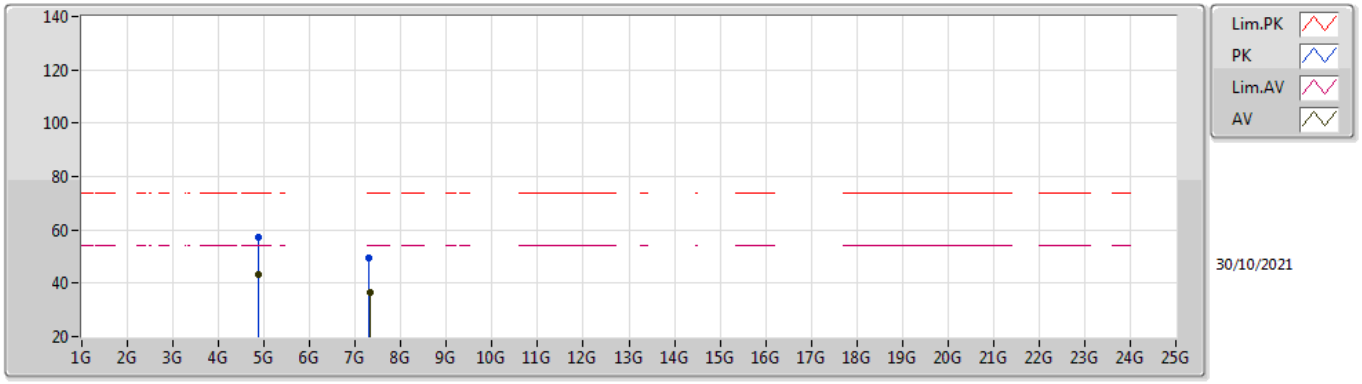


EUT Y_4TX
Setting 22.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	67.18	74.00	-6.82	36.01	3	Horizontal	21	1.64	-	28.38	2.79	-
AV	2.3894G	49.64	54.00	-4.36	18.47	3	Horizontal	21	1.64	-	28.38	2.79	-
PK	2.4342G	116.99	Inf	-Inf	85.76	3	Horizontal	21	1.64	-	28.40	2.83	-
AV	2.4294G	105.28	Inf	-Inf	74.05	3	Horizontal	21	1.64	-	28.40	2.83	-
PK	2.4838G	67.76	74.00	-6.24	36.34	3	Horizontal	21	1.64	-	28.54	2.88	-
AV	2.4842G	52.60	54.00	-1.40	21.18	3	Horizontal	21	1.64	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

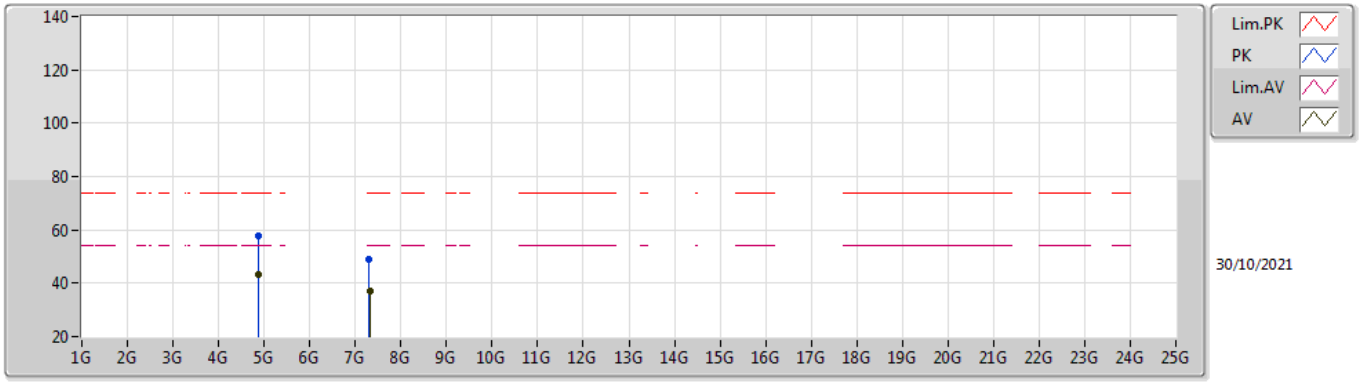


EUT Y_4TX
Setting 22.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87736G	57.09	74.00	-16.91	51.24	3	Vertical	341	1.77	-	32.95	5.10	32.20
AV	4.87702G	43.13	54.00	-10.87	37.28	3	Vertical	341	1.77	-	32.95	5.10	32.20
PK	7.30812G	49.34	74.00	-24.66	39.59	3	Vertical	259	2.76	-	36.42	6.15	32.82
AV	7.3129G	36.72	54.00	-17.28	26.95	3	Vertical	259	2.76	-	36.43	6.16	32.82

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

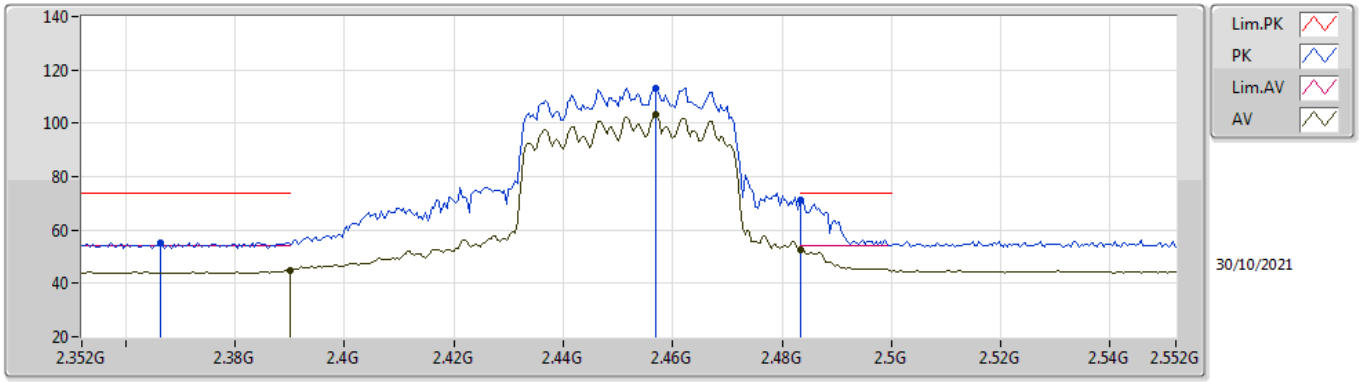


EUT Y_4TX
Setting 22.5
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8719G	57.64	74.00	-16.36	51.81	3	Horizontal	72	2.07	-	32.94	5.10	32.21
AV	4.87754G	43.10	54.00	-10.90	37.24	3	Horizontal	72	2.07	-	32.96	5.10	32.20
PK	7.30774G	48.82	74.00	-25.18	39.07	3	Horizontal	262	1.09	-	36.42	6.15	32.82
AV	7.31564G	36.96	54.00	-17.04	27.20	3	Horizontal	262	1.09	-	36.43	6.16	32.83

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

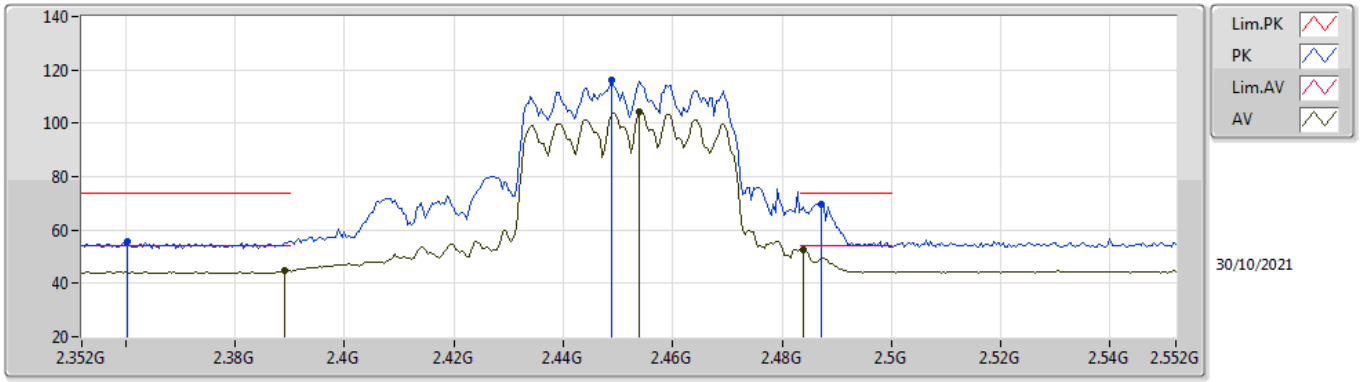


EUT Y_4TX
Setting 20
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3664G	55.36	74.00	-18.64	24.25	3	Vertical	79	1.78	-	28.33	2.78	-
AV	2.39G	44.89	54.00	-9.11	13.72	3	Vertical	79	1.78	-	28.38	2.79	-
PK	2.4568G	113.33	Inf	-Inf	82.04	3	Vertical	79	1.78	-	28.43	2.86	-
AV	2.4568G	103.44	Inf	-Inf	72.15	3	Vertical	79	1.78	-	28.43	2.86	-
PK	2.4835G	70.97	74.00	-3.03	39.56	3	Vertical	79	1.78	-	28.53	2.88	-
AV	2.4835G	52.64	54.00	-1.36	21.23	3	Vertical	79	1.78	-	28.53	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

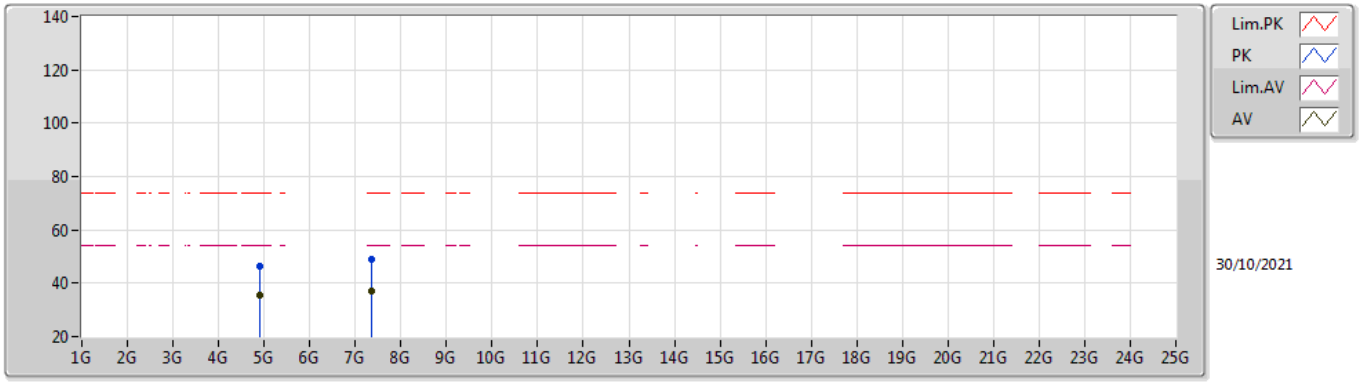


EUT Y_4TX
Setting 20
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3604G	55.72	74.00	-18.28	24.62	3	Horizontal	22	2.45	-	28.32	2.78	-
AV	2.3892G	44.69	54.00	-9.31	13.52	3	Horizontal	22	2.45	-	28.38	2.79	-
PK	2.4488G	116.24	Inf	-Inf	84.99	3	Horizontal	22	2.45	-	28.40	2.85	-
AV	2.454G	104.17	Inf	-Inf	72.90	3	Horizontal	22	2.45	-	28.42	2.85	-
PK	2.4872G	69.82	74.00	-4.18	38.38	3	Horizontal	22	2.45	-	28.55	2.89	-
AV	2.484G	52.52	54.00	-1.48	21.10	3	Horizontal	22	2.45	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

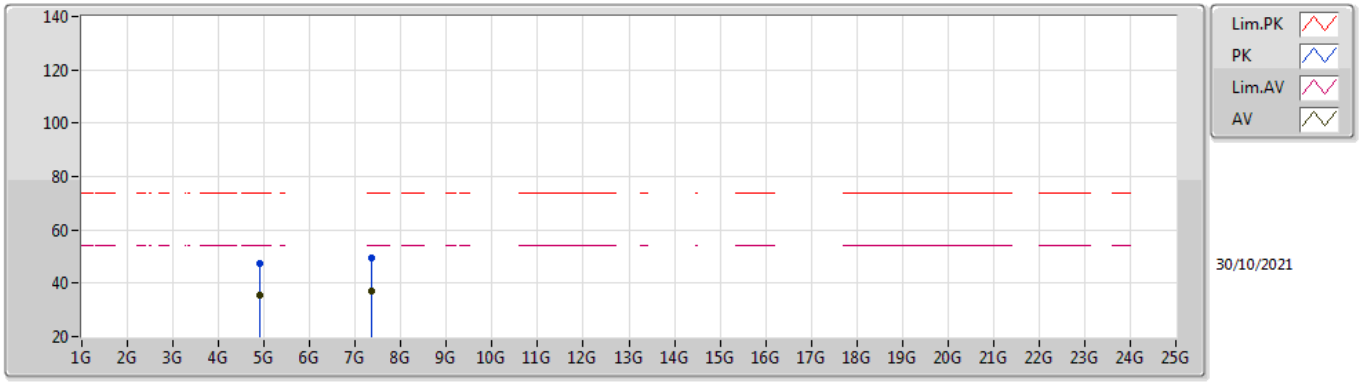


EUT Y_4TX
Setting 20
02-C-S-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9021G	46.30	74.00	-27.70	40.39	3	Vertical	78	1.78	-	33.01	5.10	32.20
AV	4.9019G	35.38	54.00	-18.62	29.47	3	Vertical	78	1.78	-	33.01	5.10	32.20
PK	7.35376G	49.08	74.00	-24.92	39.29	3	Vertical	229	3.00	-	36.51	6.18	32.90
AV	7.35942G	37.29	54.00	-16.71	27.50	3	Vertical	229	3.00	-	36.52	6.18	32.91

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX



EUT Y_4TX
Setting 20
02-C-S-8

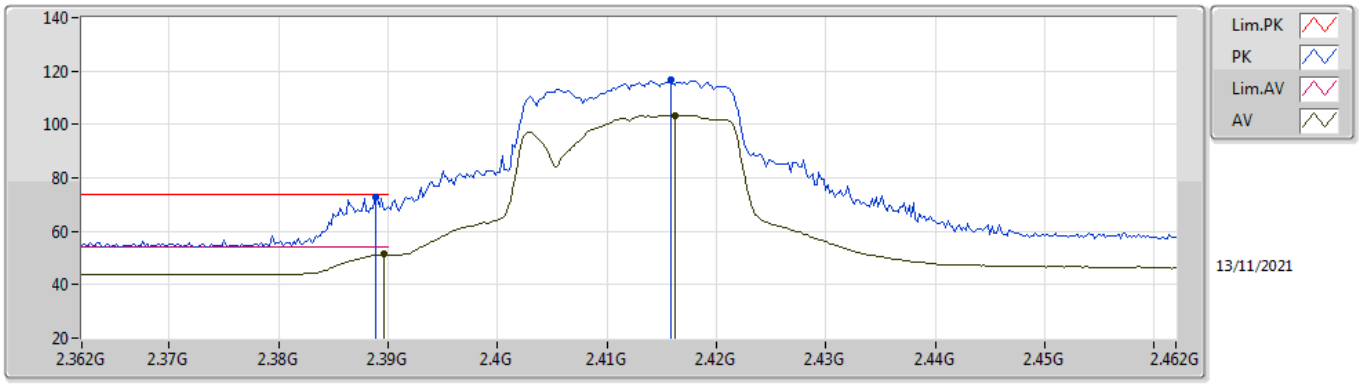
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90664G	47.17	74.00	-26.83	41.22	3	Horizontal	293	1.58	-	33.04	5.10	32.19
AV	4.90552G	35.27	54.00	-18.73	29.33	3	Horizontal	293	1.58	-	33.03	5.10	32.19
PK	7.35962G	49.46	74.00	-24.54	39.67	3	Horizontal	357	1.10	-	36.52	6.18	32.91
AV	7.35774G	37.32	54.00	-16.68	27.52	3	Horizontal	357	1.10	-	36.52	6.18	32.90

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	AV	2.39G	52.92	54.00	-1.08	3	Vertical	97	2.92	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

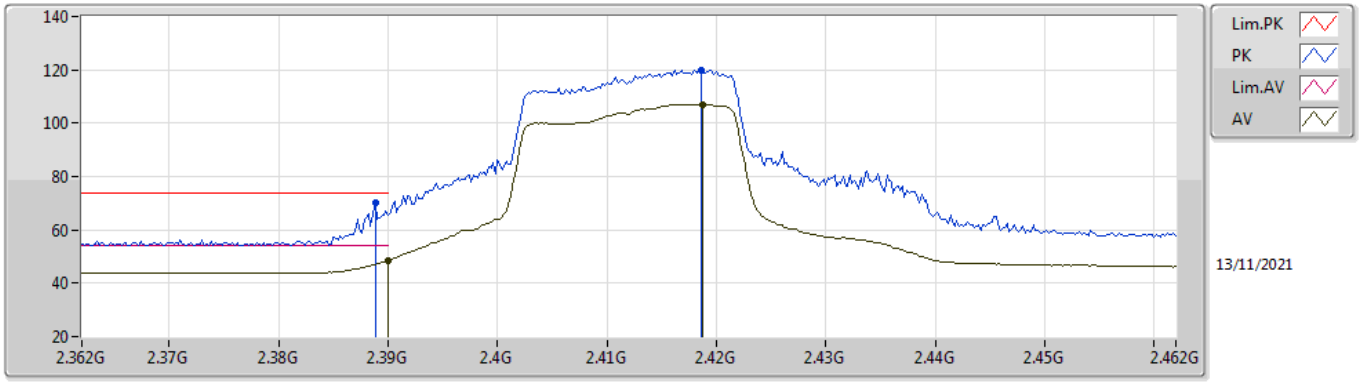


EUT Y_4TX
Setting 40
06-F-E-2

Type	Freq	Level	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	72.72	74.00	-1.28	41.44	3	Vertical	113	2.88	-	27.49	3.79	-
AV	2.3896G	51.54	54.00	-2.46	20.27	3	Vertical	113	2.88	-	27.48	3.79	-
PK	2.4158G	116.54	Inf	-Inf	85.38	3	Vertical	113	2.88	-	27.34	3.82	-
AV	2.4162G	103.33	Inf	-Inf	72.17	3	Vertical	113	2.88	-	27.34	3.82	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

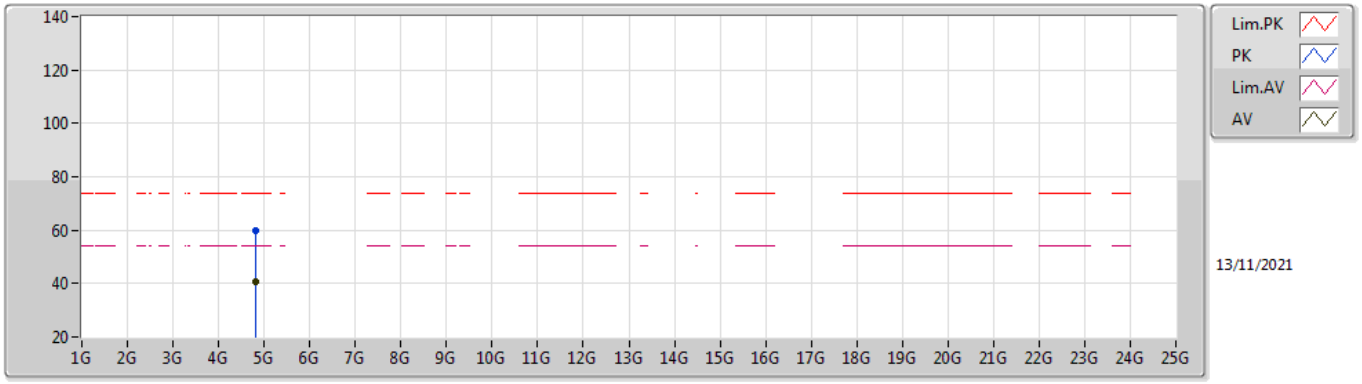


EUT Y_4TX
Setting 40
06-F-E-2

Type	Freq	Level	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	70.17	74.00	-3.83	38.89	3	Horizontal	12	1.80	-	27.49	3.79	-
AV	2.39G	48.60	54.00	-5.40	17.33	3	Horizontal	12	1.80	-	27.48	3.79	-
PK	2.4186G	119.99	Inf	-Inf	88.84	3	Horizontal	12	1.80	-	27.33	3.82	-
AV	2.4188G	107.04	Inf	-Inf	75.90	3	Horizontal	12	1.80	-	27.32	3.82	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

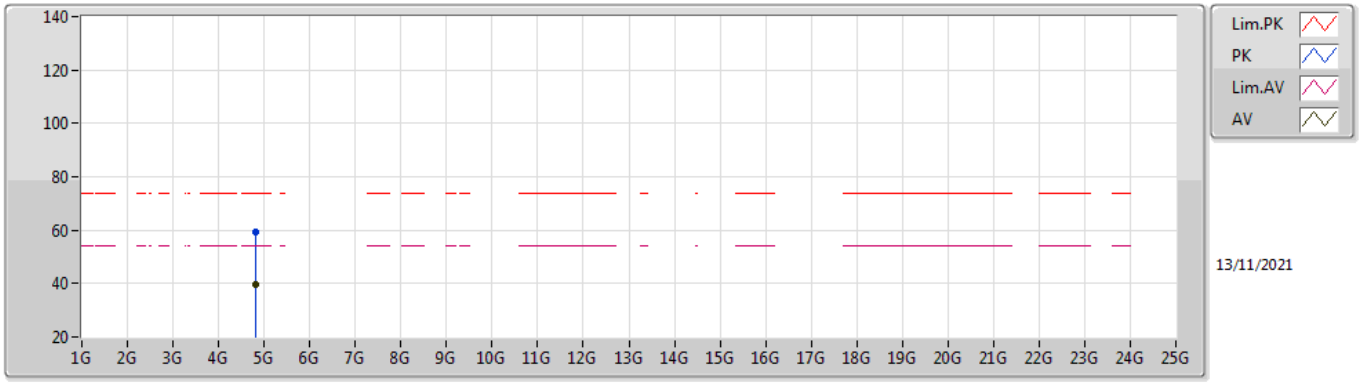


EUT Y_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82016G	59.89	74.00	-14.11	55.29	3	Vertical	83	1.80	-	31.06	5.60	32.06
AV	4.8225G	40.60	54.00	-13.40	36.01	3	Vertical	83	1.80	-	31.05	5.60	32.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

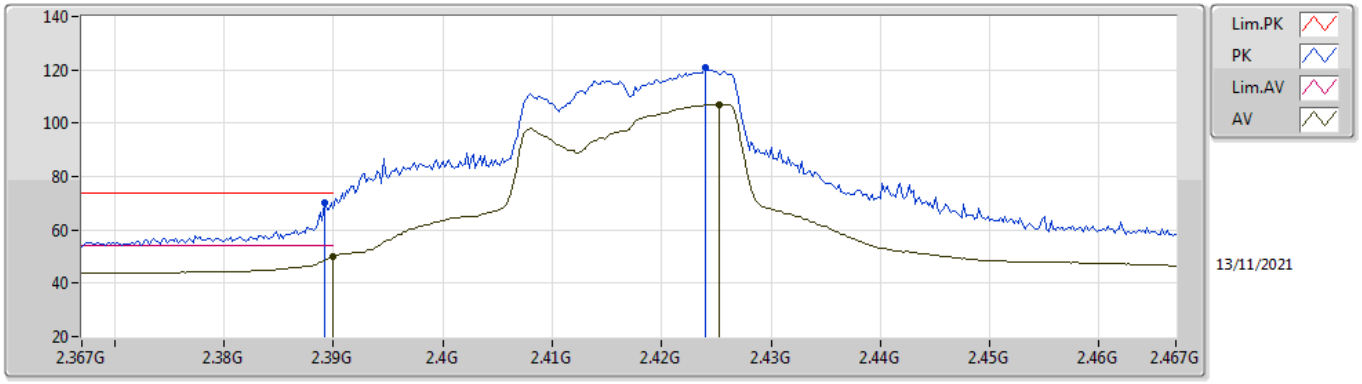


EUT Y_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82691G	59.15	74.00	-14.85	54.56	3	Horizontal	89	1.04	-	31.05	5.60	32.06
AV	4.82502G	39.86	54.00	-14.14	35.27	3	Horizontal	89	1.04	-	31.05	5.60	32.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

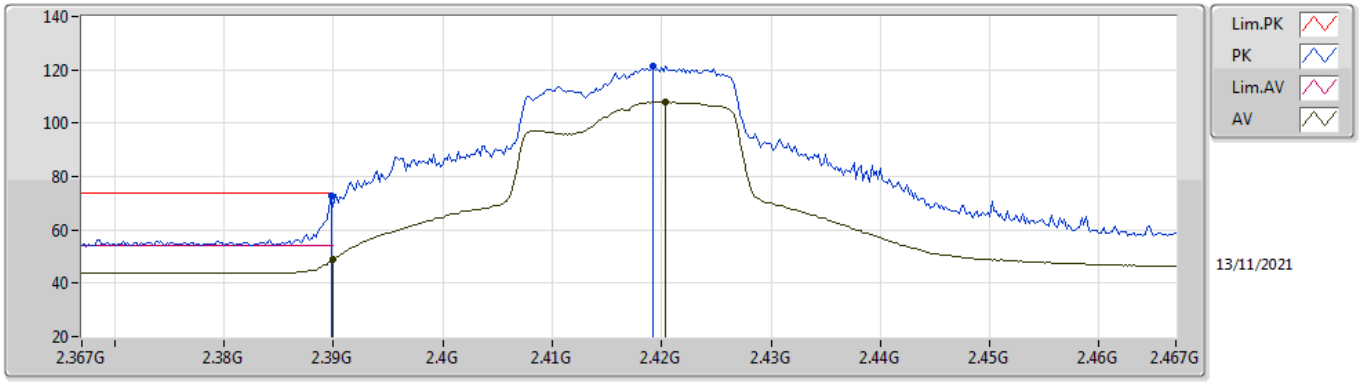


EUT Y_4TX
Setting 42
06-F-E-2

Type	Freq	Level	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	70.31	74.00	-3.69	39.03	3	Vertical	96	2.73	-	27.49	3.79	-
AV	2.39G	49.98	54.00	-4.02	18.71	3	Vertical	96	2.73	-	27.48	3.79	-
PK	2.424G	120.64	Inf	-Inf	89.52	3	Vertical	96	2.73	-	27.30	3.82	-
AV	2.4252G	107.08	Inf	-Inf	75.95	3	Vertical	96	2.73	-	27.30	3.83	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

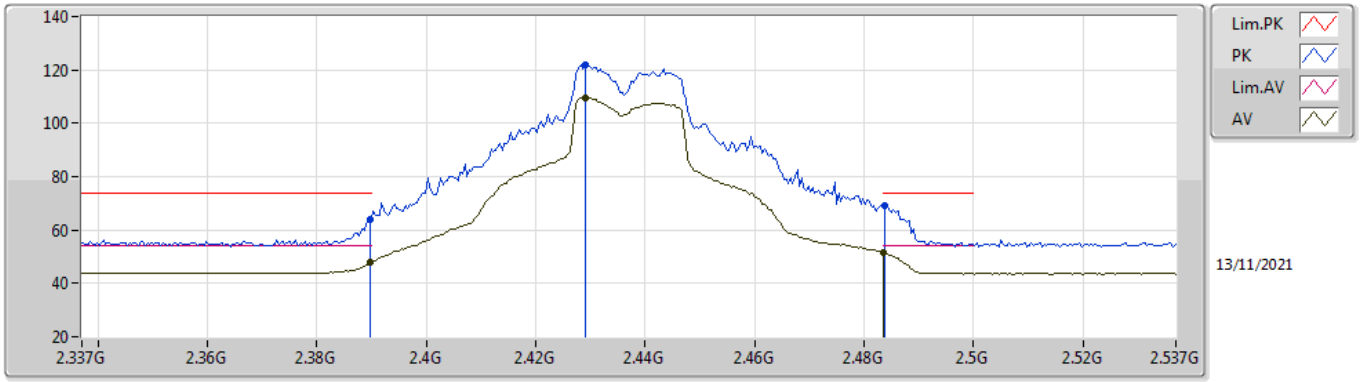


EUT Y_4TX
Setting 42
06-F-E-2

Type	Freq	Level	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	72.54	74.00	-1.46	41.27	3	Horizontal	27	1.80	-	27.48	3.79	-
AV	2.39G	48.73	54.00	-5.27	17.46	3	Horizontal	27	1.80	-	27.48	3.79	-
PK	2.4192G	121.39	Inf	-Inf	90.25	3	Horizontal	27	1.80	-	27.32	3.82	-
AV	2.4204G	107.83	Inf	-Inf	76.69	3	Horizontal	27	1.80	-	27.32	3.82	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

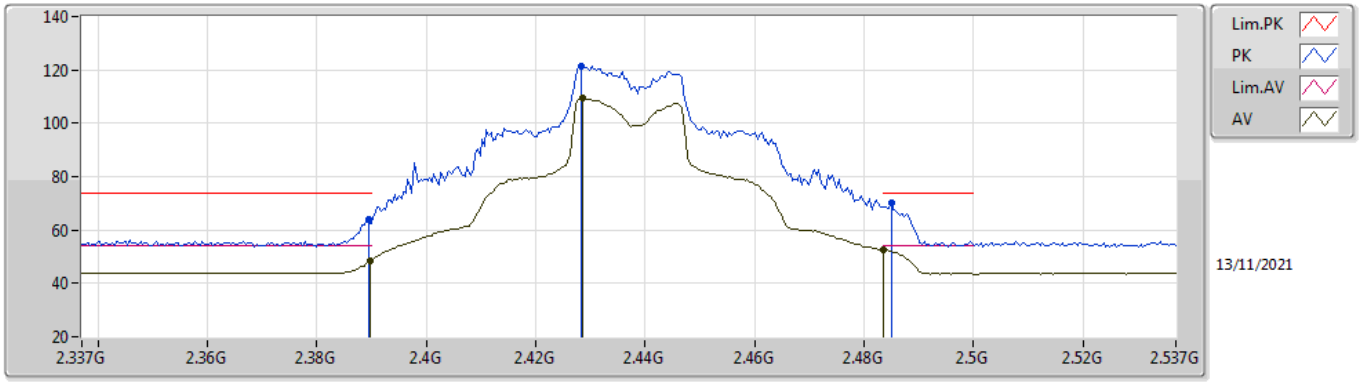


EUT Y_4TX
Setting 50
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.85	74.00	-10.15	32.58	3	Vertical	96	2.82	-	27.48	3.79	-
AV	2.3898G	47.81	54.00	-6.19	16.54	3	Vertical	96	2.82	-	27.48	3.79	-
PK	2.429G	121.76	Inf	-Inf	90.65	3	Vertical	96	2.82	-	27.28	3.83	-
AV	2.429G	109.64	Inf	-Inf	78.53	3	Vertical	96	2.82	-	27.28	3.83	-
PK	2.4838G	69.33	74.00	-4.67	38.18	3	Vertical	96	2.82	-	27.27	3.88	-
AV	2.4835G	51.36	54.00	-2.64	20.21	3	Vertical	96	2.82	-	27.27	3.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

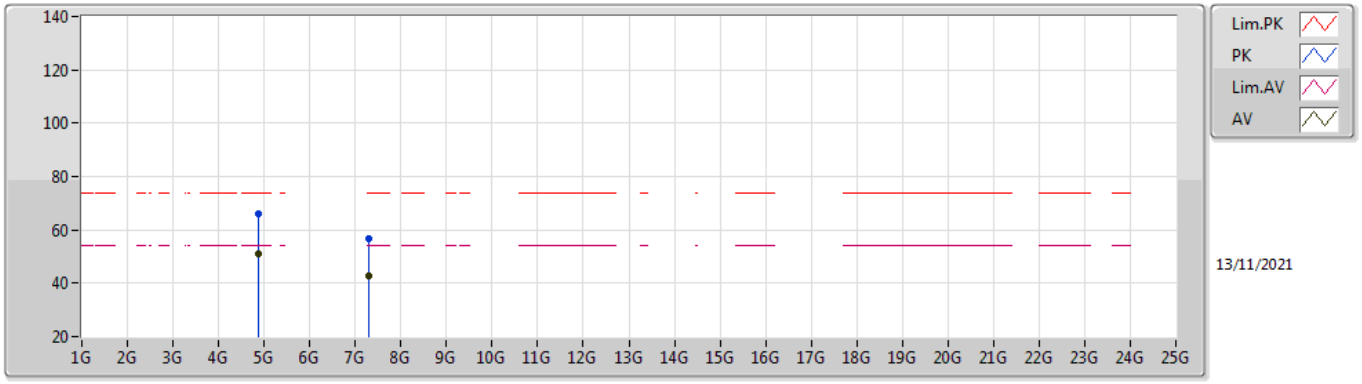


EUT Y_4TX
Setting 50
06-F-E-2

Type	Freq	Level	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	64.05	74.00	-9.95	32.78	3	Horizontal	15	1.80	-	27.48	3.79	-
AV	2.3898G	48.25	54.00	-5.75	16.98	3	Horizontal	15	1.80	-	27.48	3.79	-
PK	2.4282G	121.43	Inf	-Inf	90.31	3	Horizontal	15	1.80	-	27.29	3.83	-
AV	2.4286G	109.32	Inf	-Inf	78.20	3	Horizontal	15	1.80	-	27.29	3.83	-
PK	2.485G	70.18	74.00	-3.82	39.02	3	Horizontal	15	1.80	-	27.27	3.89	-
AV	2.4835G	52.67	54.00	-1.33	21.52	3	Horizontal	15	1.80	-	27.27	3.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

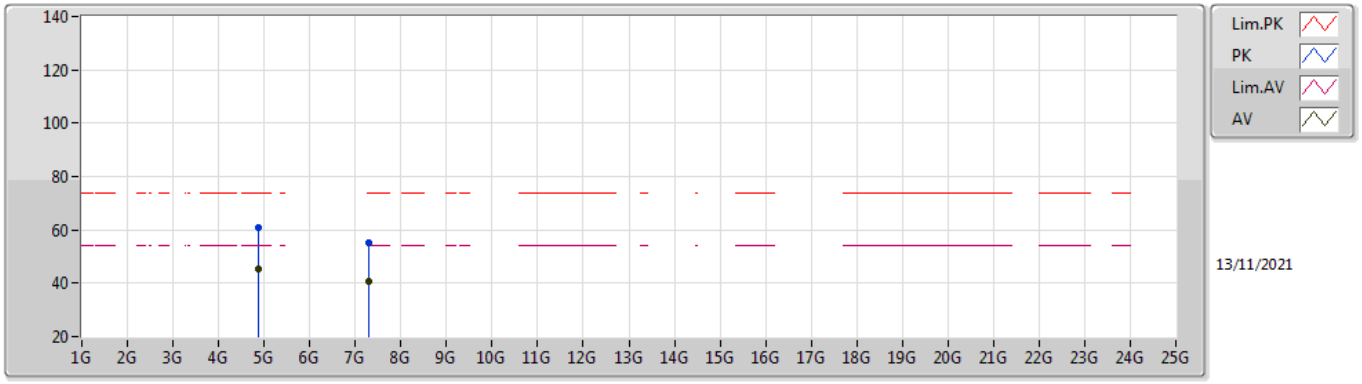


EUT Y_4TX
Setting 50
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8705G	66.29	74.00	-7.71	61.67	3	Vertical	331	2.05	-	31.04	5.60	32.02
AV	4.86954G	50.82	54.00	-3.18	46.20	3	Vertical	331	2.05	-	31.04	5.60	32.02
PK	7.30401G	56.58	74.00	-17.42	46.76	3	Vertical	333	1.88	-	36.38	6.90	33.46
AV	7.30566G	42.83	54.00	-11.17	33.01	3	Vertical	333	1.88	-	36.38	6.90	33.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

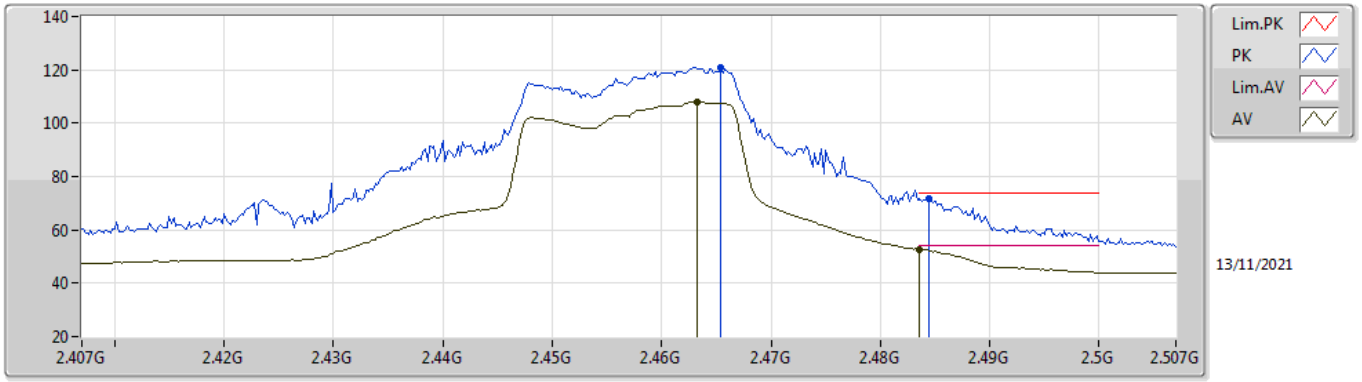


EUT Y_4TX
Setting 50
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8704G	61.07	74.00	-12.93	56.45	3	Horizontal	355	1.80	-	31.04	5.60	32.02
AV	4.87418G	45.60	54.00	-8.40	40.97	3	Horizontal	355	1.80	-	31.05	5.60	32.02
PK	7.30686G	55.02	74.00	-18.98	45.21	3	Horizontal	360	2.03	-	36.37	6.90	33.46
AV	7.30761G	40.55	54.00	-13.45	30.74	3	Horizontal	360	2.03	-	36.37	6.90	33.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

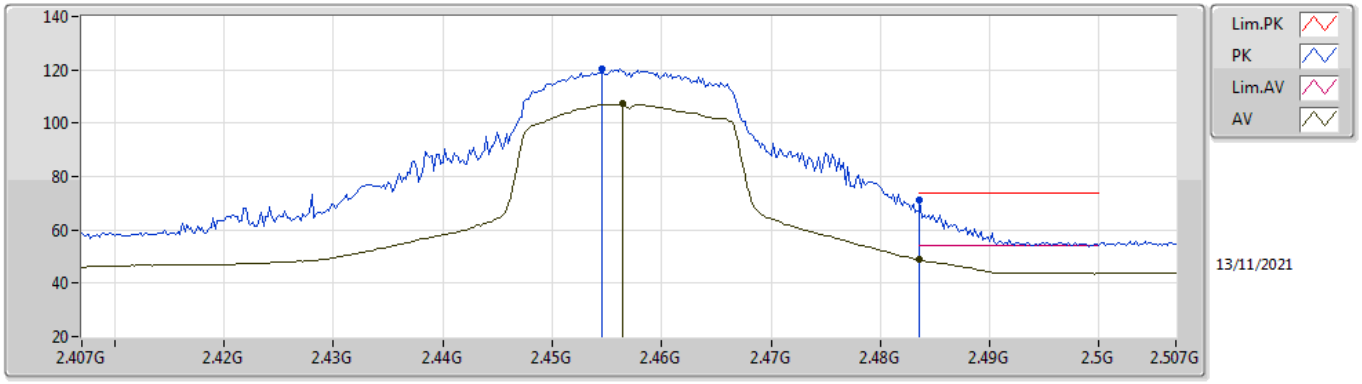


EUT Y_4TX
Setting 41
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4654G	120.86	Inf	-Inf	89.76	3	Vertical	97	2.68	-	27.23	3.87	-
AV	2.4632G	107.97	Inf	-Inf	76.88	3	Vertical	97	2.68	-	27.23	3.86	-
PK	2.4844G	71.84	74.00	-2.16	40.69	3	Vertical	97	2.68	-	27.27	3.88	-
AV	2.4836G	52.71	54.00	-1.29	21.56	3	Vertical	97	2.68	-	27.27	3.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

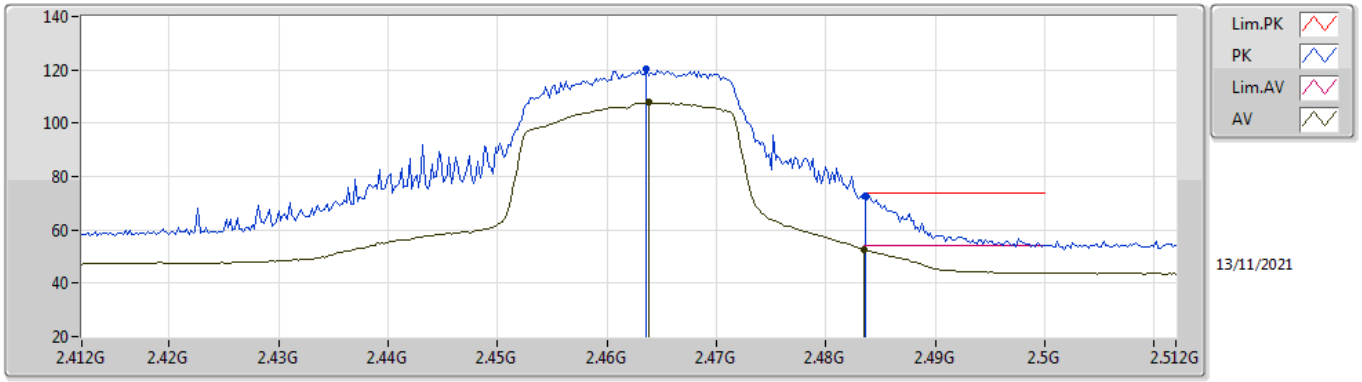


EUT Y_4TX
Setting 41
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4546G	120.32	Inf	-Inf	89.26	3	Horizontal	6	2.02	-	27.21	3.85	-
AV	2.4564G	107.17	Inf	-Inf	76.10	3	Horizontal	6	2.02	-	27.21	3.86	-
PK	2.4836G	71.06	74.00	-2.94	39.91	3	Horizontal	6	2.02	-	27.27	3.88	-
AV	2.4835G	48.87	54.00	-5.13	17.72	3	Horizontal	6	2.02	-	27.27	3.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

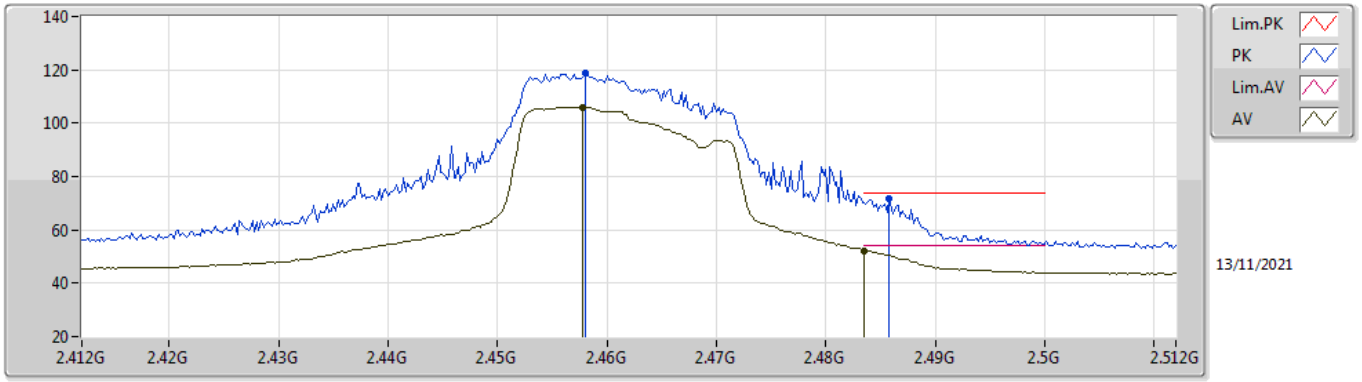


EUT Y_4TX
Setting 39
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4636G	120.48	Inf	-Inf	89.39	3	Vertical	96	2.68	-	27.23	3.86	-
AV	2.4638G	107.75	Inf	-Inf	76.66	3	Vertical	96	2.68	-	27.23	3.86	-
PK	2.4836G	72.81	74.00	-1.19	41.66	3	Vertical	96	2.68	-	27.27	3.88	-
AV	2.4835G	52.62	54.00	-1.38	21.47	3	Vertical	96	2.68	-	27.27	3.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

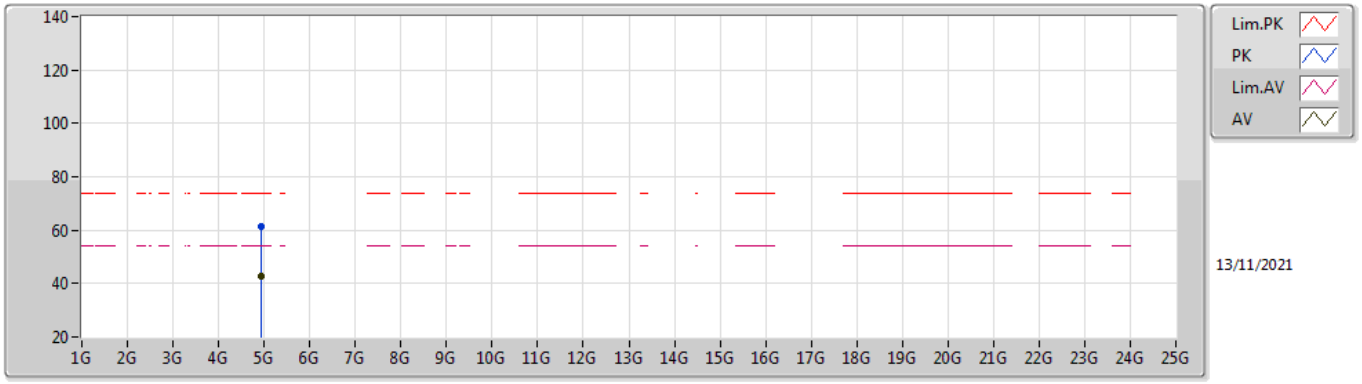


EUT Y_4TX
Setting 39
06-F-E-2

Type	Freq	Level	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	118.78	Inf	-Inf	87.70	3	Horizontal	60	2.05	-	27.22	3.86	-
AV	2.4578G	106.05	Inf	-Inf	74.97	3	Horizontal	60	2.05	-	27.22	3.86	-
PK	2.4858G	71.57	74.00	-2.43	40.41	3	Horizontal	60	2.05	-	27.27	3.89	-
AV	2.4835G	52.24	54.00	-1.76	21.09	3	Horizontal	60	2.05	-	27.27	3.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

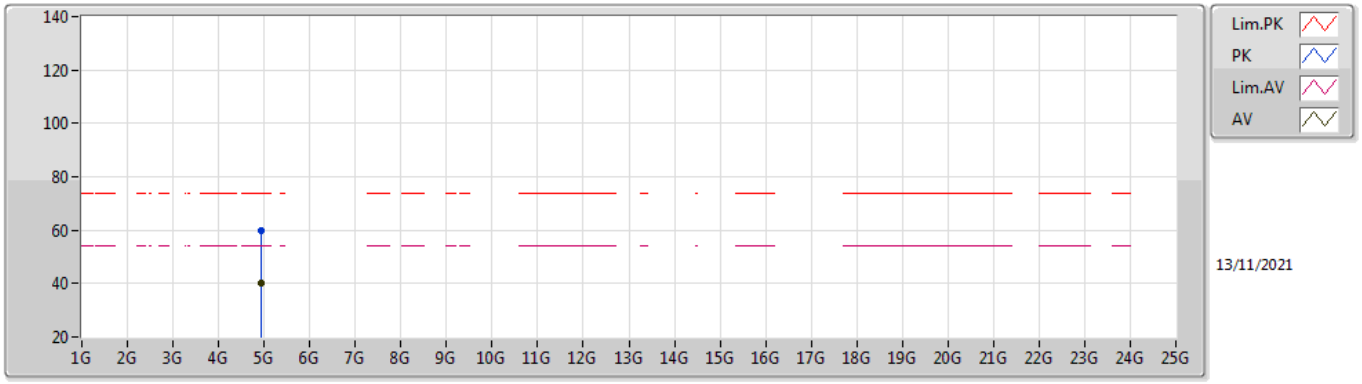


EUT Y_4TX
Setting 39
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92922G	61.59	74.00	-12.41	56.74	3	Vertical	126	2.73	-	31.22	5.60	31.97
AV	4.92445G	42.76	54.00	-11.24	37.93	3	Vertical	126	2.73	-	31.20	5.60	31.97

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

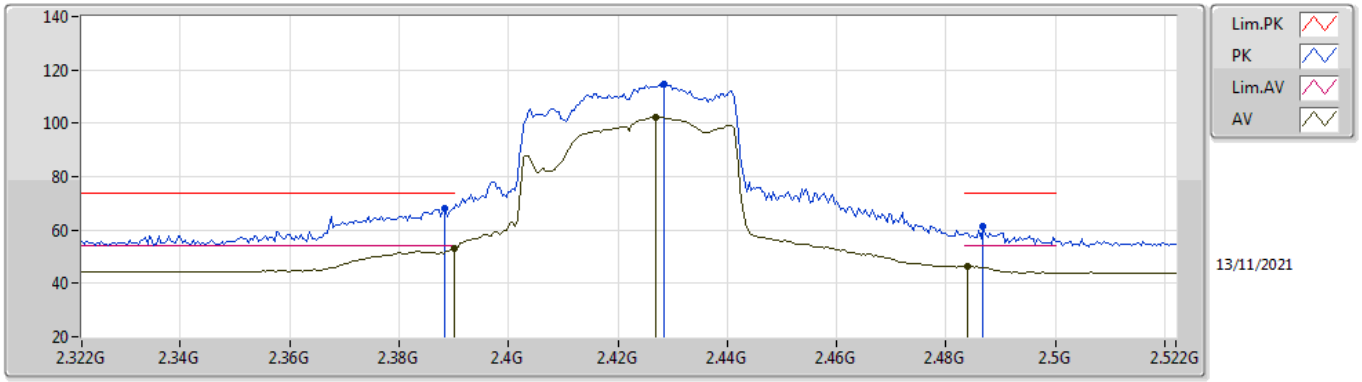


EUT Y_4TX
Setting 39
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9261G	59.74	74.00	-14.26	54.91	3	Horizontal	182	1.80	-	31.20	5.60	31.97
AV	4.92967G	40.39	54.00	-13.61	35.54	3	Horizontal	182	1.80	-	31.22	5.60	31.97

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

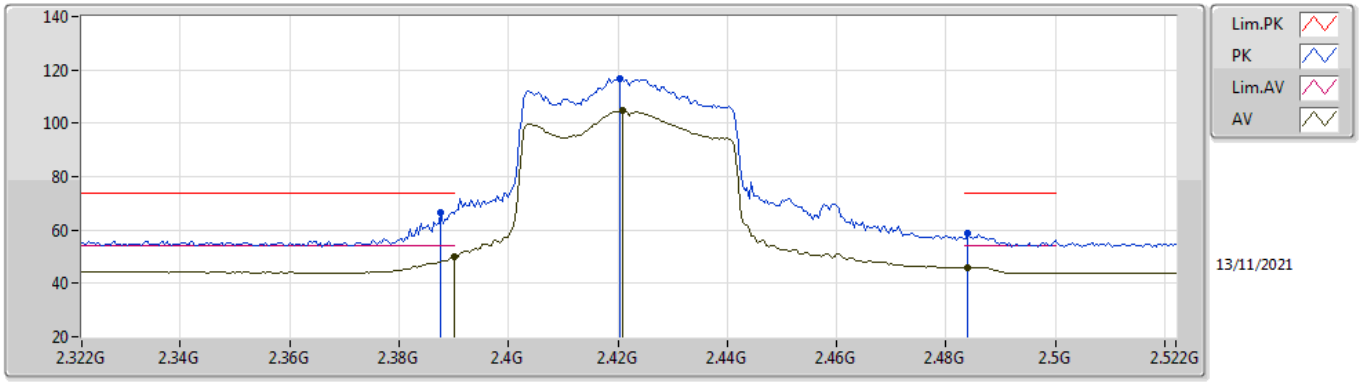


EUT Y_4TX
Setting 37
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3884G	67.90	74.00	-6.10	36.62	3	Vertical	97	2.92	-	27.49	3.79	-
AV	2.39G	52.92	54.00	-1.08	21.65	3	Vertical	97	2.92	-	27.48	3.79	-
PK	2.4284G	114.64	Inf	-Inf	83.52	3	Vertical	97	2.92	-	27.29	3.83	-
AV	2.4268G	102.29	Inf	-Inf	71.17	3	Vertical	97	2.92	-	27.29	3.83	-
PK	2.4868G	61.19	74.00	-12.81	30.03	3	Vertical	97	2.92	-	27.27	3.89	-
AV	2.484G	46.23	54.00	-7.77	15.08	3	Vertical	97	2.92	-	27.27	3.88	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

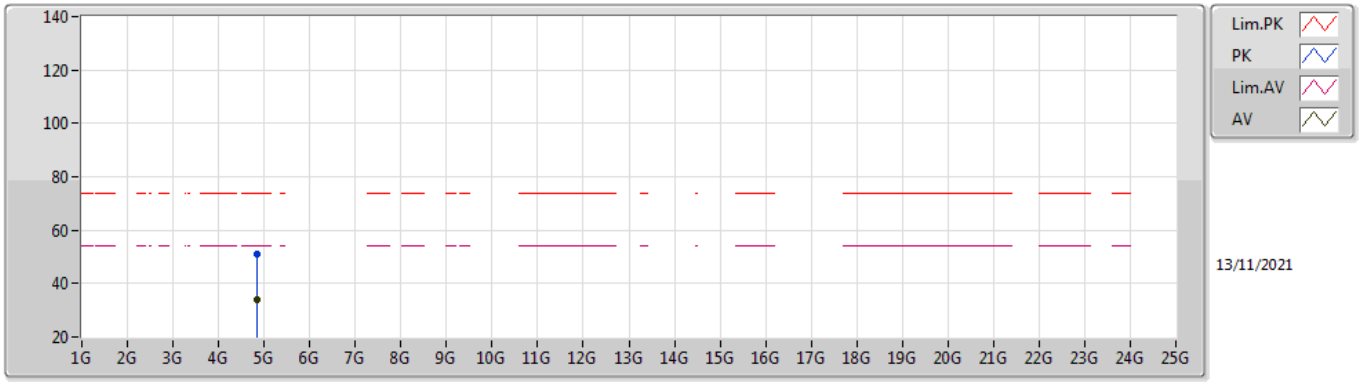


EUT Y_4TX
Setting 37
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3876G	66.50	74.00	-7.50	35.21	3	Horizontal	17	1.96	-	27.50	3.79	-
AV	2.39G	50.02	54.00	-3.98	18.75	3	Horizontal	17	1.96	-	27.48	3.79	-
PK	2.4204G	116.97	Inf	-Inf	85.83	3	Horizontal	17	1.96	-	27.32	3.82	-
AV	2.4208G	104.57	Inf	-Inf	73.43	3	Horizontal	17	1.96	-	27.32	3.82	-
PK	2.484G	58.80	74.00	-15.20	27.65	3	Horizontal	17	1.96	-	27.27	3.88	-
AV	2.484G	46.05	54.00	-7.95	14.90	3	Horizontal	17	1.96	-	27.27	3.88	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

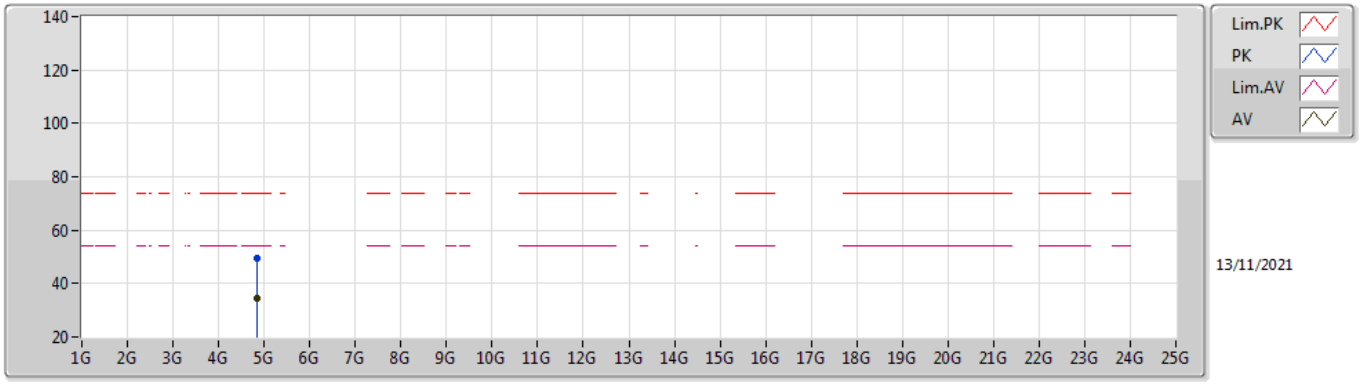


EUT Y_4TX
Setting 37
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84973G	51.00	74.00	-23.00	46.44	3	Vertical	324	2.30	-	31.00	5.60	32.04
AV	4.85075G	33.86	54.00	-20.14	29.30	3	Vertical	324	2.30	-	31.00	5.60	32.04

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

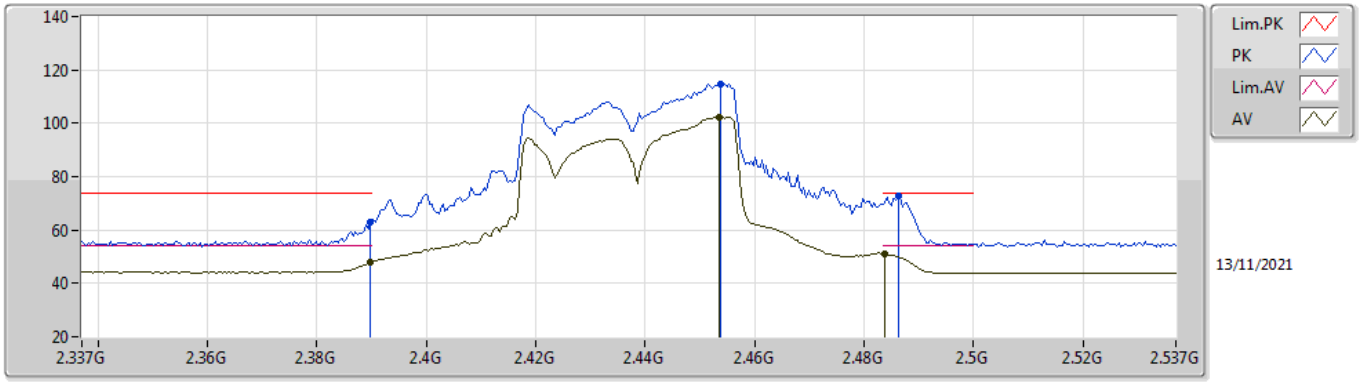


EUT Y_4TX
Setting 37
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83965G	49.48	74.00	-24.52	44.90	3	Horizontal	355	1.02	-	31.02	5.60	32.04
AV	4.84676G	34.42	54.00	-19.58	29.85	3	Horizontal	355	1.02	-	31.01	5.60	32.04

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

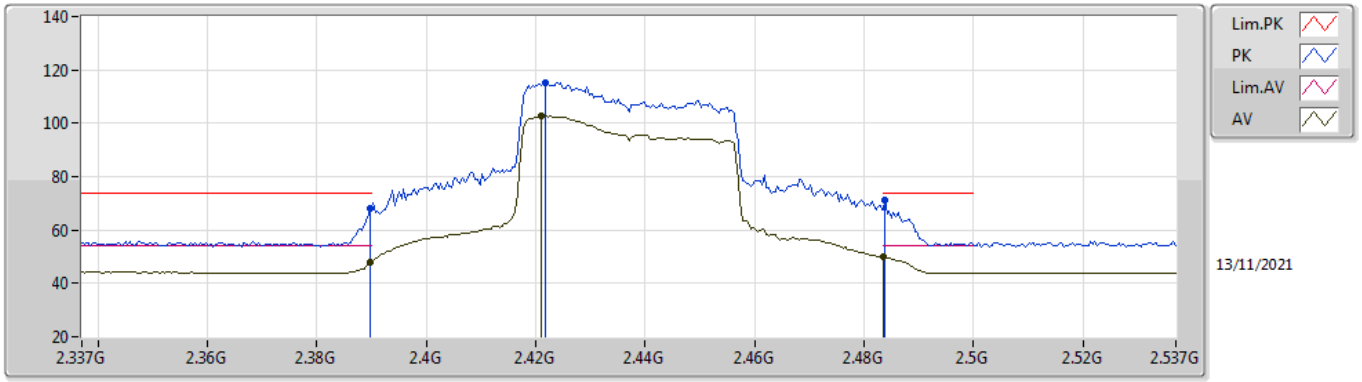


EUT Y_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	62.86	74.00	-11.14	31.59	3	Vertical	65	1.80	-	27.48	3.79	-
AV	2.3898G	48.05	54.00	-5.95	16.78	3	Vertical	65	1.80	-	27.48	3.79	-
PK	2.4538G	114.79	Inf	-Inf	83.73	3	Vertical	65	1.80	-	27.21	3.85	-
AV	2.4534G	102.37	Inf	-Inf	71.31	3	Vertical	65	1.80	-	27.21	3.85	-
PK	2.4862G	72.77	74.00	-1.23	41.61	3	Vertical	65	1.80	-	27.27	3.89	-
AV	2.4838G	51.03	54.00	-2.97	19.88	3	Vertical	65	1.80	-	27.27	3.88	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

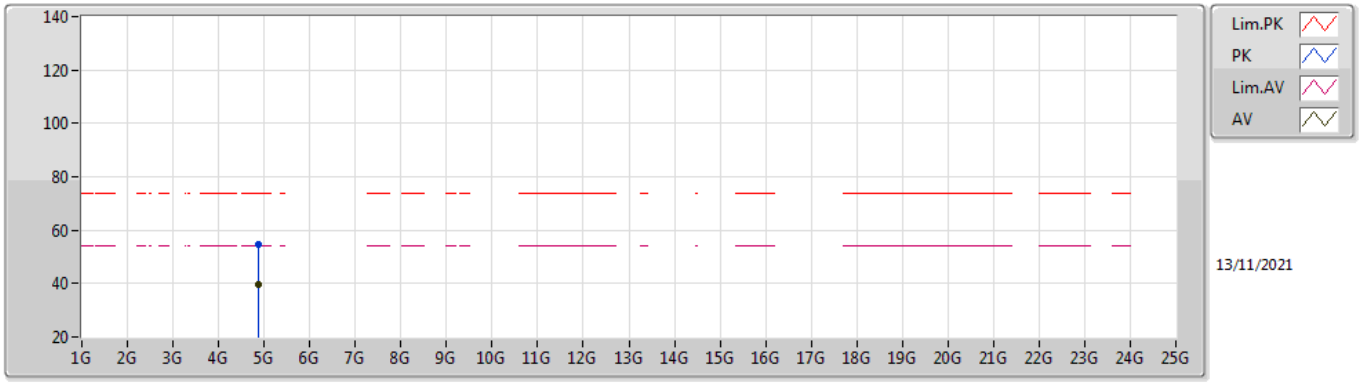


EUT Y_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	68.15	74.00	-5.85	36.88	3	Horizontal	201	1.80	-	27.48	3.79	-
AV	2.3898G	47.77	54.00	-6.23	16.50	3	Horizontal	201	1.80	-	27.48	3.79	-
PK	2.4218G	115.31	Inf	-Inf	84.18	3	Horizontal	201	1.80	-	27.31	3.82	-
AV	2.421G	102.66	Inf	-Inf	71.52	3	Horizontal	201	1.80	-	27.32	3.82	-
PK	2.4838G	71.01	74.00	-2.99	39.86	3	Horizontal	201	1.80	-	27.27	3.88	-
AV	2.4835G	49.92	54.00	-4.08	18.77	3	Horizontal	201	1.80	-	27.27	3.88	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

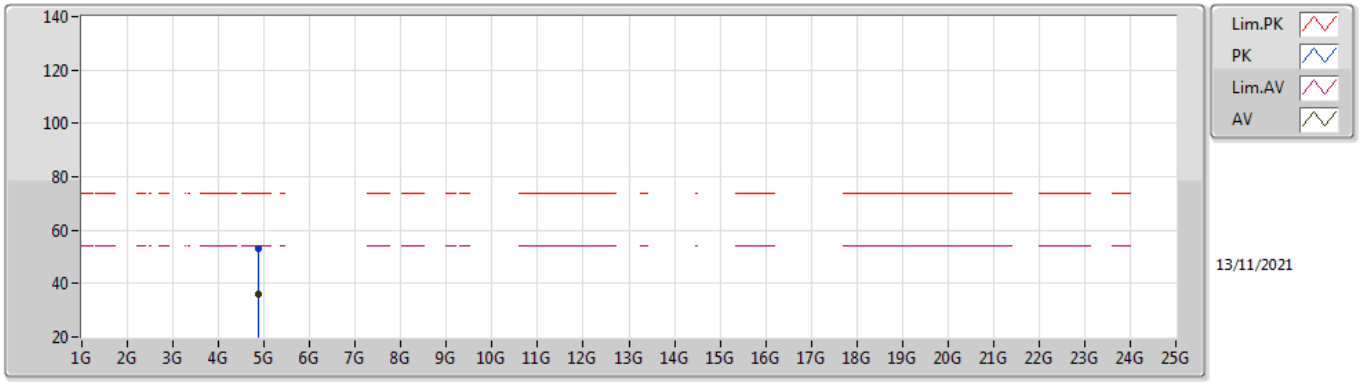


EUT Y_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86884G	54.79	74.00	-19.21	50.17	3	Vertical	328	2.08	-	31.04	5.60	32.02
AV	4.8704G	39.51	54.00	-14.49	34.89	3	Vertical	328	2.08	-	31.04	5.60	32.02

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

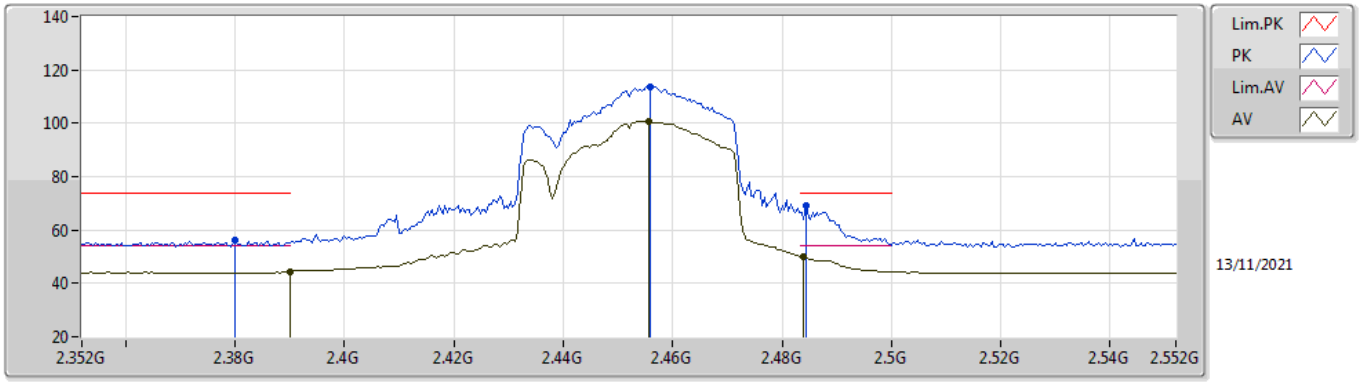


EUT Y_4TX
Setting 40
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87019G	53.03	74.00	-20.97	48.41	3	Horizontal	355	1.80	-	31.04	5.60	32.02
AV	4.87337G	35.82	54.00	-18.18	31.19	3	Horizontal	355	1.80	-	31.05	5.60	32.02

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

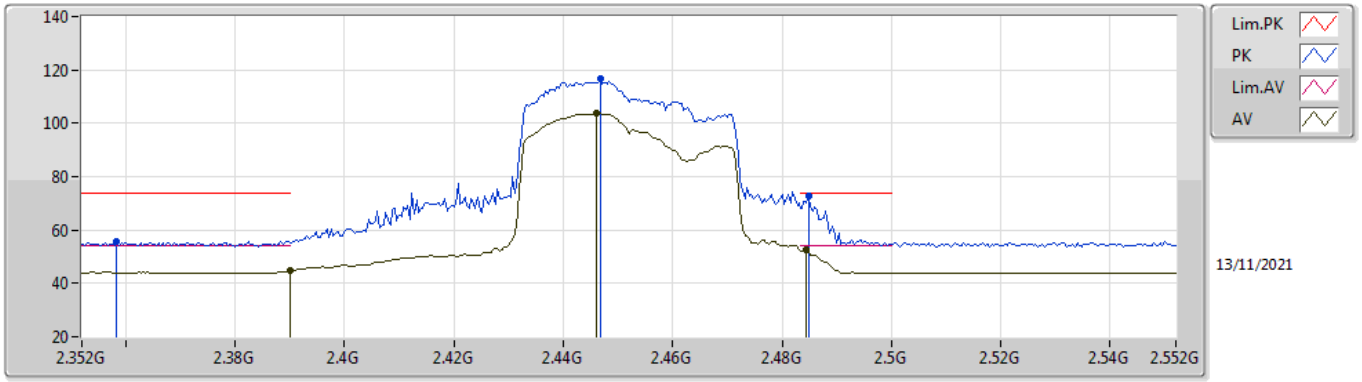


EUT Y_4TX
Setting 36
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.38G	56.44	74.00	-17.56	25.09	3	Vertical	59.5	1.80	-	27.56	3.79	-
AV	2.39G	44.39	54.00	-9.61	13.12	3	Vertical	59.5	1.80	-	27.48	3.79	-
PK	2.456G	113.73	Inf	-Inf	82.66	3	Vertical	59.5	1.80	-	27.21	3.86	-
AV	2.4556G	100.76	Inf	-Inf	69.69	3	Vertical	59.5	1.80	-	27.21	3.86	-
PK	2.4844G	69.18	74.00	-4.82	38.03	3	Vertical	59.5	1.80	-	27.27	3.88	-
AV	2.484G	49.81	54.00	-4.19	18.66	3	Vertical	59.5	1.80	-	27.27	3.88	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

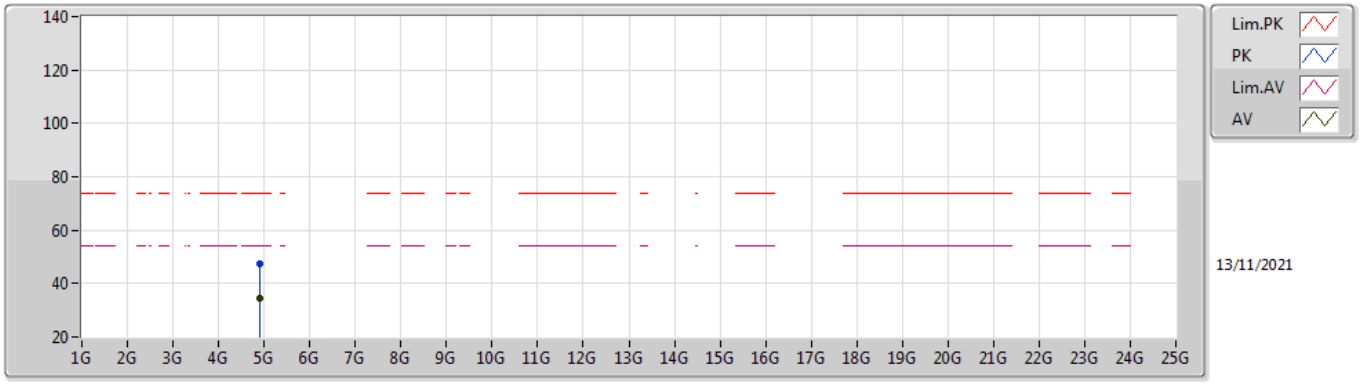


EUT Y_4TX
Setting 36
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3584G	55.78	74.00	-18.22	24.27	3	Horizontal	42	2.61	-	27.73	3.78	-
AV	2.39G	44.70	54.00	-9.30	13.43	3	Horizontal	42	2.61	-	27.48	3.79	-
PK	2.4468G	116.48	Inf	-Inf	85.42	3	Horizontal	42	2.61	-	27.21	3.85	-
AV	2.446G	103.68	Inf	-Inf	72.61	3	Horizontal	42	2.61	-	27.22	3.85	-
PK	2.4848G	72.83	74.00	-1.17	41.68	3	Horizontal	42	2.61	-	27.27	3.88	-
AV	2.4844G	52.75	54.00	-1.25	21.60	3	Horizontal	42	2.61	-	27.27	3.88	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

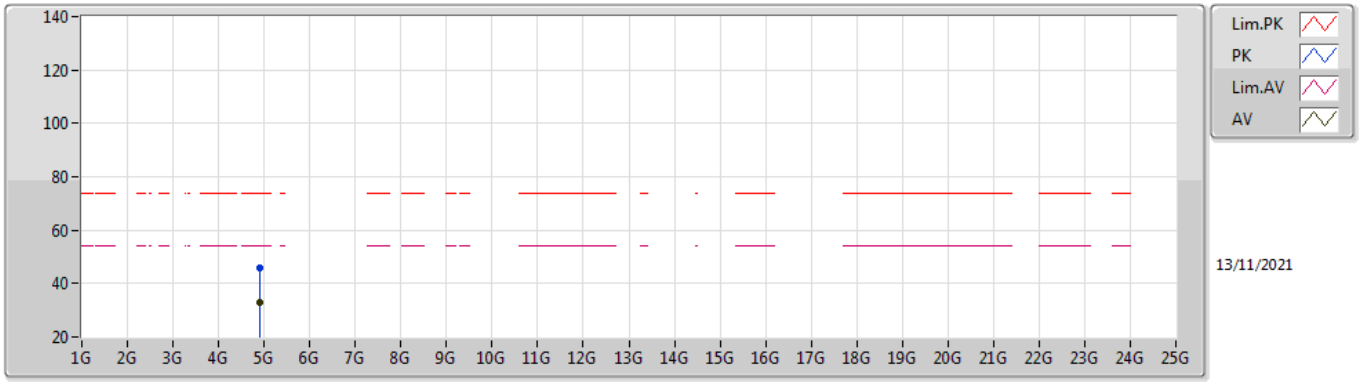


EUT Y_4TX
Setting 36
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.901G	47.17	74.00	-26.83	42.46	3	Vertical	348	1.79	-	31.10	5.60	31.99
AV	4.90136G	34.41	54.00	-19.59	29.69	3	Vertical	348	1.79	-	31.11	5.60	31.99

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX



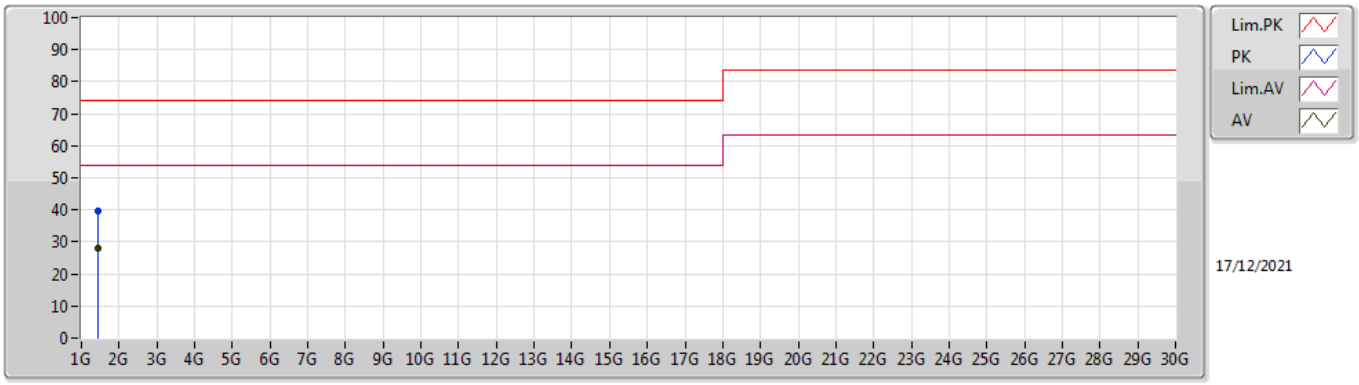
EUT Y_4TX
Setting 36
06-F-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.89773G	45.82	74.00	-28.18	41.12	3	Horizontal	264	1.34	-	31.10	5.60	32.00
AV	4.90028G	33.15	54.00	-20.85	28.44	3	Horizontal	264	1.34	-	31.10	5.60	31.99

Summary

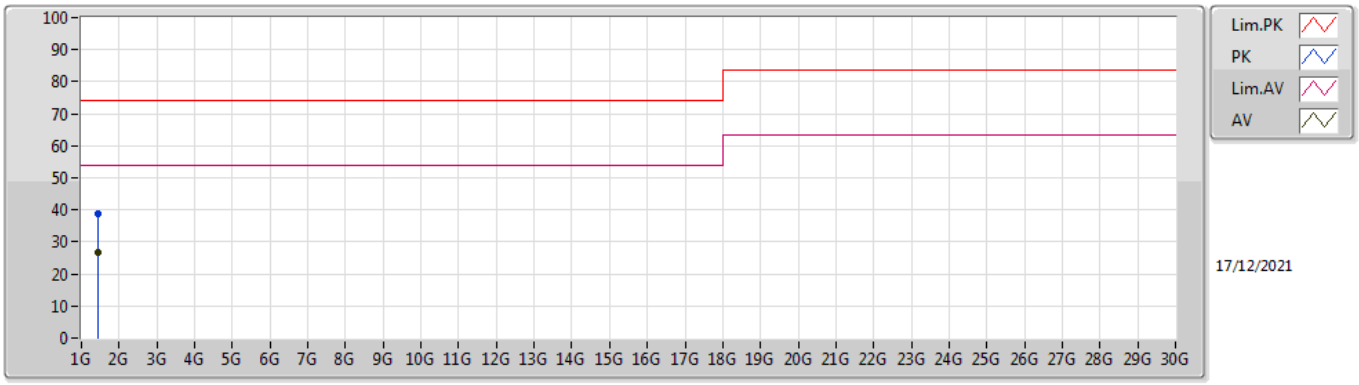
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.4401G	27.97	54.00	-26.03	Vertical

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	1.4401G	39.87	74.00	-34.13	-6.19	3	Vertical	22	1.00	-	46.06	25.80	2.96	34.95
AV	1.4401G	27.97	54.00	-26.03	-6.19	3	Vertical	22	1.00	"Worst"	34.16	25.80	2.96	34.95

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	1.44057G	38.95	74.00	-35.05	-6.19	3	Horizontal	52	1.00	-	45.14	25.80	2.96	34.95
AV	1.44026G	26.77	54.00	-27.23	-6.19	3	Horizontal	52	1.00	"Worst"	32.96	25.80	2.96	34.95