Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2AXXQBGW321
Equipment	:	BGW320-500 Wireless Integrated ONT Residential Gateway
Brand Name	:	HUMAX
Model Name	:	BGW320-500
Applicant	:	Humax Networks, INC. 216, Hwangsaeul-ro, Bundang-gu, Seongnam-si, 463-875, South Korea
Manufacturer	:	Humax Networks, INC. 216, Hwangsaeul-ro, Bundang-gu, Seongnam-si, 463-875, South Korea
Standard	:	47 CFR FCC Part 15.247

The product was received on Apr. 25, 2022, and testing was started from May 02, 2022 and completed on Aug. 04, 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
FR242501AA	01	Initial issue of report	Aug. 15, 2022
FR242501AA	02	Changing the brand name of Antenna to GALTRONICS from CALTRONICS	Aug. 29, 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: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20),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.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	2.4GHz	5GHz					
1	1	1	GALTRONICS	02102140-06811U1	PCB	I-PEX	Note 1
2	2	2	GALTRONICS	02102140-06811U1	PCB	I-PEX	
3	3	3	GALTRONICS	02102140-06811U1	PCB	I-PEX	
4	4	4	GALTRONICS	02102140-06811U1	PCB	I-PEX	
5	-	1	GALTRONICS	02102140-06811U1	PCB	I-PEX	
6	-	2	GALTRONICS	02102140-06811U1	PCB	I-PEX	
7	-	3	GALTRONICS	02102140-06811U1	PCB	I-PEX	
8	-	4	GALTRONICS	02102140-06811U1	PCB	I-PEX	
9	-	-	GALTRONICS	02102140-06811U1	PCB	I-PEX	5.50

Note1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz			
		UNII 1	UNII 2A	UNII 2C	UNII 3
1	4.3	2.43	2.5	-	-
2	3.63	2.08	2.97	-	-
3	2.69	2.93	2.8	-	-
4	4.67	3.28	3.24	-	-
5	-	-	-	2.57	2.64
6	-	-	-	3.98	4.12
7	-	-	-	2.29	2.9
8	-	-	-	3.18	4.21

Ant.	Directional Gain (dBi)														
	WLAN 2.4GHz			WLAN 5GHz											
				UNII 1			UNII 2A			UNII 2C			UNII 3		
	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S	4T1S	4T2S	4T4S
1	5.99	4.67	4.67	4.45	3.28	3.28	4.07	3.24	3.24	-	-	-	-	-	-
2															
3															
4															
5	-	-	-	-	-	-	-	-	-	4.11	3.98	3.98	4.43	4.21	4.21
6															
7															
8															

Note 2: The above information(excepting antenna gain) was declared by manufacturer.
Note 3. The antenna 9 which has the receiving function only is used for zero wait.
Note 4: The EUT has nine antennas.
Note 5: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03
Note 6: The EUT doesn't enable the DFS band for this application.

For 2.4GHz function:
For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be use 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 (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be use as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

For 1RX:
Ant. 9 can be use as receiving antenna only.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.952	0.21	12.425m	100
802.11g	0.954	0.2	2.068m	1k
802.11ax HEW20	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.961	0.17	2.933m	1k
802.11ax HEW40	0.968	0.14	781.25u	3k
802.11ax HEW40-BF	0.977	0.1	1.5m	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 n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Test Software Version	Non-beamforming mode: accessMtool 3.2.1.4 Beamforming mode: 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 D03 v01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Brian Sun	23.4-25.1 / 56-67	May 11, 2022~ Jul. 11, 2022
Radiated (below 1GHz)	03CH04-CB	Eason Chen	25.3~26.7 / 65~71	May 02, 2022~ Aug. 03, 2022
Radiated (above 1GHz)	03CH01-CB	Eason Chen	24~25.6 / 65~67	May 02, 2022~ Aug. 03, 2022
	03CH02-CB	Eason Chen	24.7~25.3 / 63~68	May 02, 2022~ Aug. 03, 2022
	03CH03-CB	Eason Chen	25.7~27 / 62~65	May 02, 2022~ Aug. 03, 2022
Radiated (Radiated Emission Co-location)	03CH05-CB	Eason Chen	24.7~25.2 / 64~68	May 02, 2022~ Aug. 03, 2022
AC Conduction	CO01-CB	Dean Chang	22~23 / 52~53	Aug. 04, 2022

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%

For Before Jun. 01, 2022

Test Items	Uncertainty	Remark
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%

For After May 31, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	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	99
2437MHz	99
2462MHz	99
802.11g_Nss1,(6Mbps)_4TX	-
2412MHz	82
2417MHz	96
2437MHz	98
2457MHz	96
2462MHz	92
802.11ax HEW20_Nss1,(MCS0)_4TX	-
2412MHz	73
2417MHz	94
2437MHz	98
2457MHz	92
2462MHz	78
802.11ax HEW40_Nss1,(MCS0)_4TX	-
2422MHz	66
2427MHz	71
2437MHz	82
2452MHz	71

For beamforming mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
2412MHz	78
2417MHz	92
2437MHz	98
2457MHz	97
2462MHz	84
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
2422MHz	81
2437MHz	80
2452MHz	80

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
For 2.4GHz: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Y axis from Emissions in Restricted Frequency Bands above 1GHz. So the measurement will follow this same test configuration. For 5GHz: The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis from Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in Y axis-WLAN 2.4GHz
2	EUT in X axis-WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found as below. So 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 was performed at X axis, Y axis and Z axis position, and the worst case was found at X axis from Emissions in Restricted Frequency Bands/Unwanted Emissions above 1GHz. So the measurement will follow this same test configuration.	
1	EUT in X axis-WLAN 2.4GHz+WLAN 5GHz UNII 1
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz UNII 1+WLAN 5GHz UNII 3
Refer to Sporton Test Report No.: FA242501 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 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 WLAN AP and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	DIRECTV	EPS48R1-16	Input: 120V~1.1A, 60Hz Output: 12V, 4A, 48W

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (below 1GHz), Radiated (above 1GHz)/non-beamforming mode and RF Conducted:

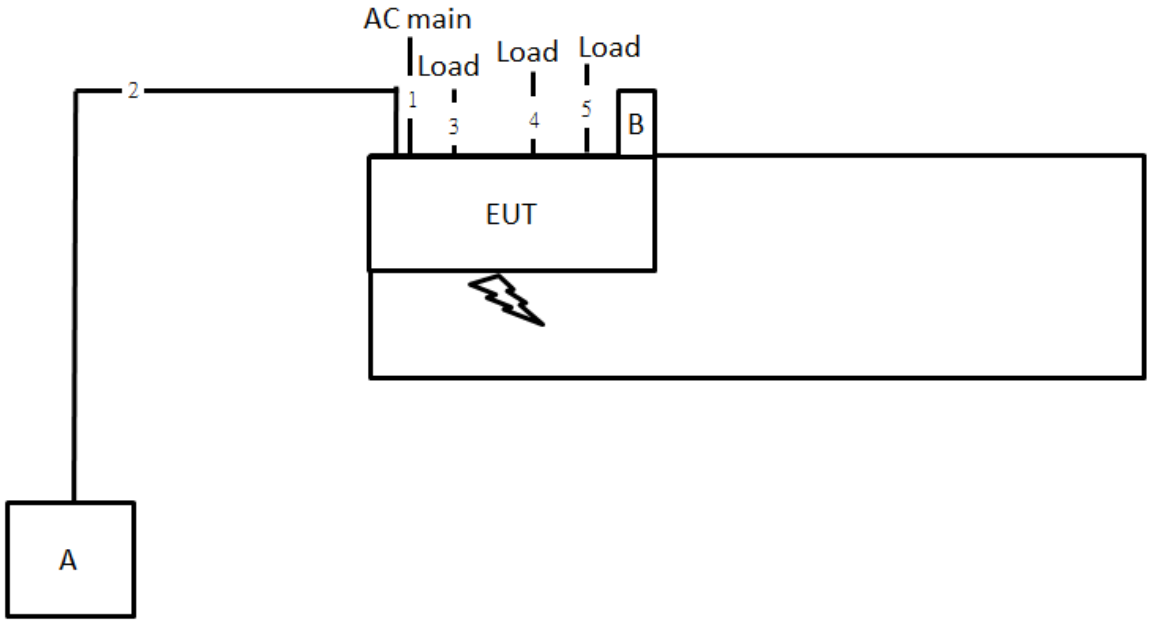
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

For Radiated (above 1GHz)/beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	WLAN AP	ASUS	AX88U	N/A
C	NB	DELL	E4300	N/A

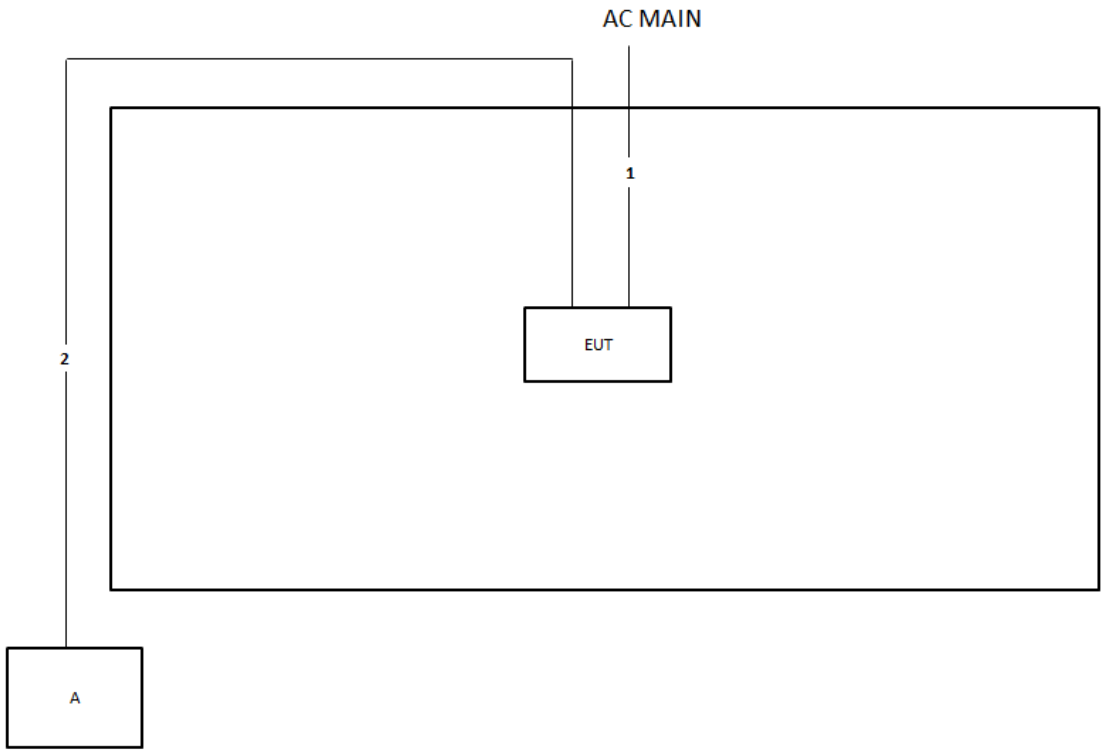
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



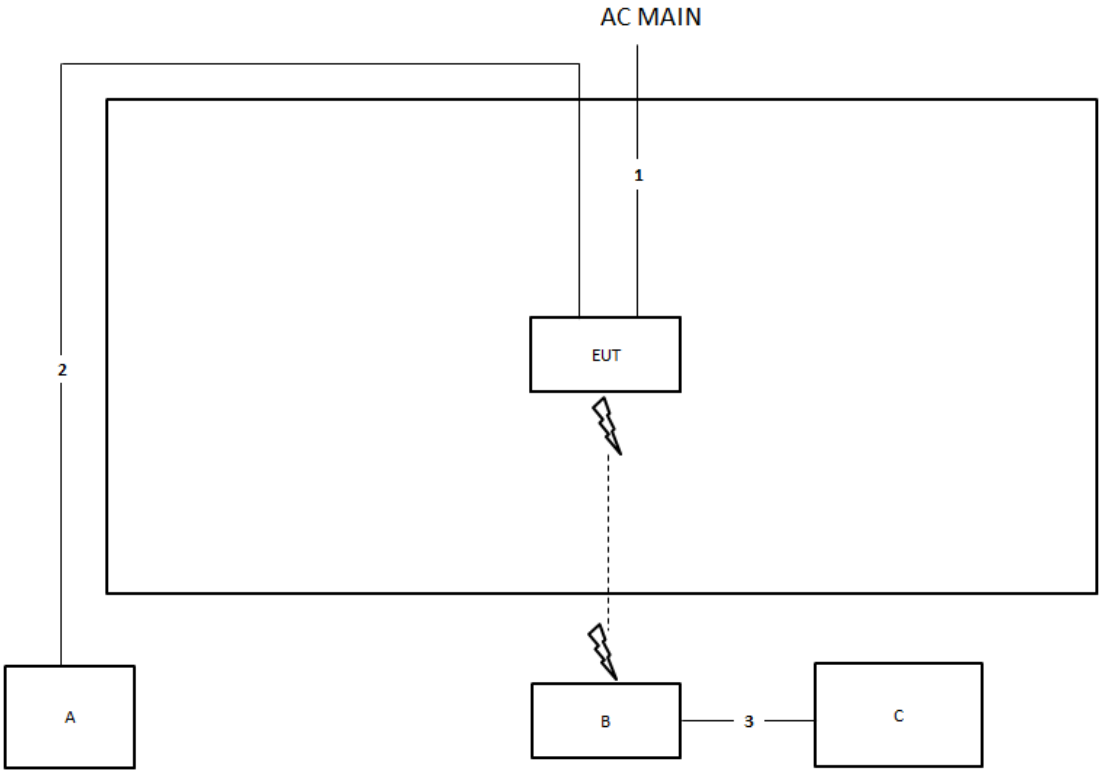
Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RJ-45 cable	No	10m
3	RJ-45 cable*4	No	0.5m
4	Fiber cable	No	0.5m
5	RJ-11 cable	No	0.5m

Test Setup Diagram - Radiated Test < 1GHz and Radiated Test > 1GHz / non-beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
2	RJ-45 cable	No	10m

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



Item	Connection	Shielded	Length
1	Power cable	No	3.2m
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

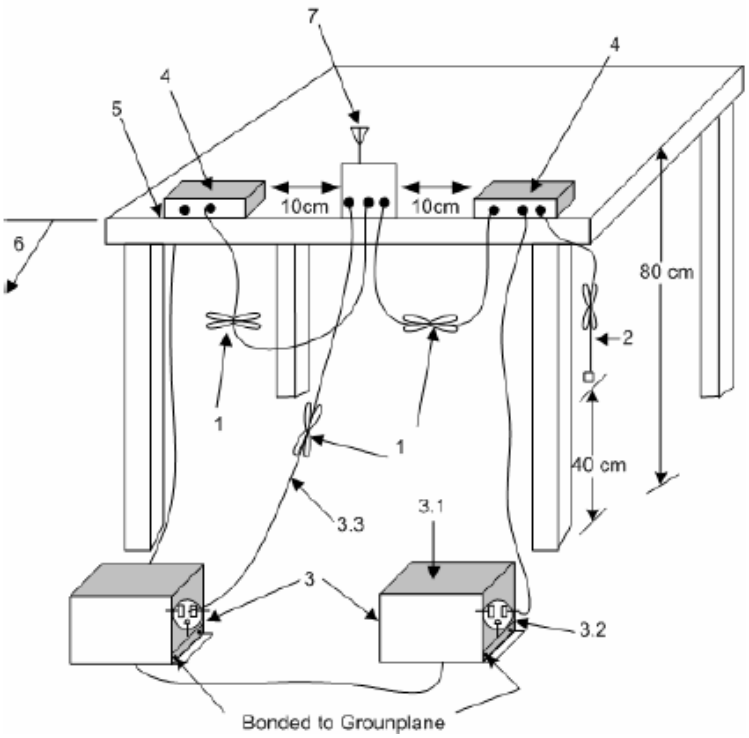
Refer a test equipment and calibration data table in this test report.

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.

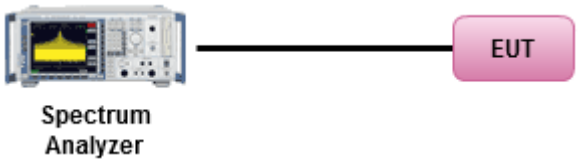
3.2.2 Measuring Instruments

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.		

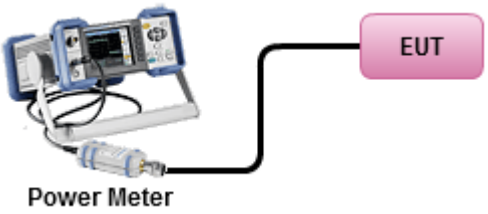
3.3.2 Measuring Instruments

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

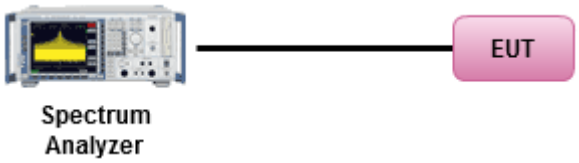
3.4.2 Measuring Instruments

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.	

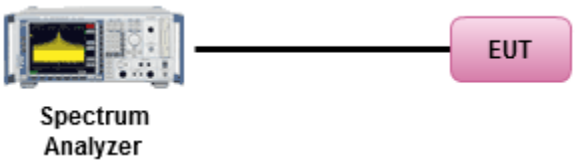
3.5.2 Measuring Instruments

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.

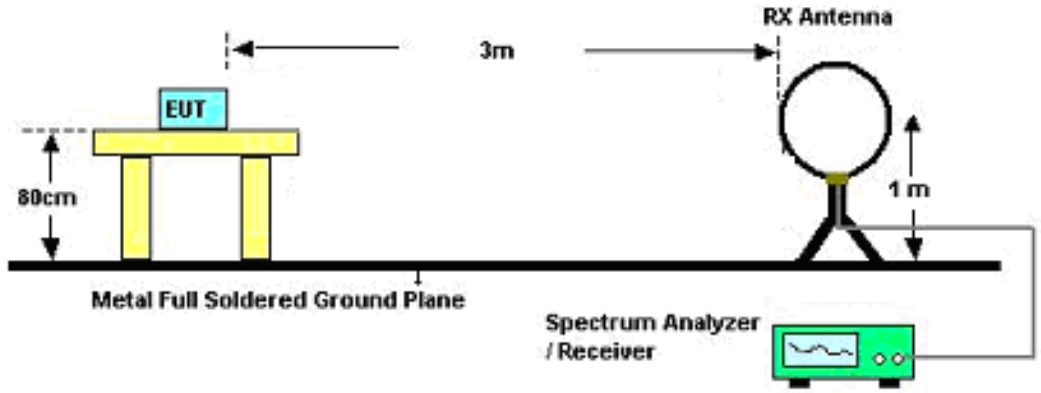
3.6.3 Test Procedures

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.

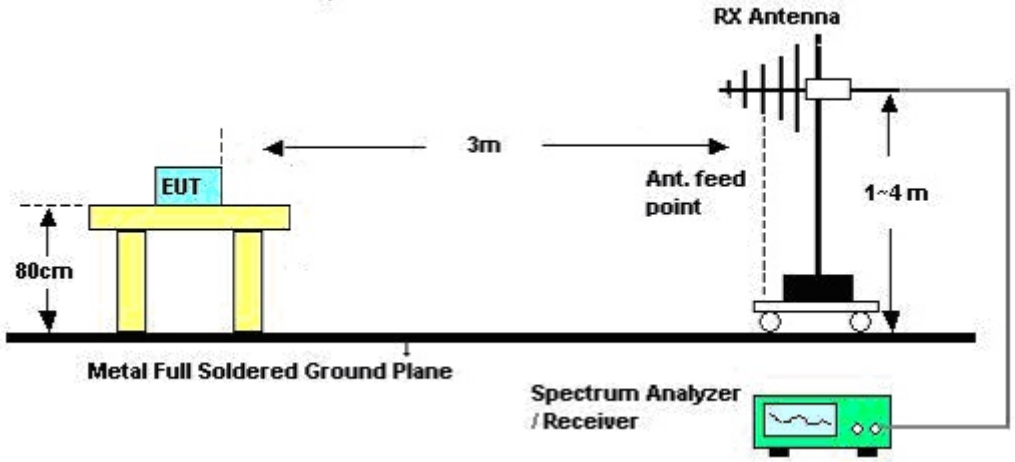
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

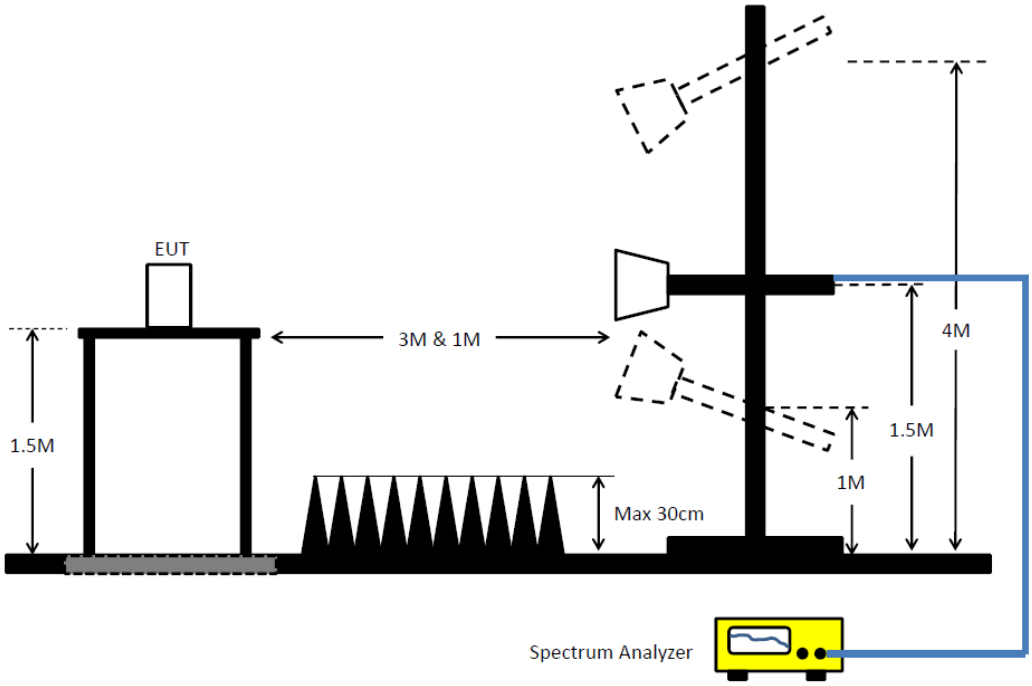
9kHz ~30MHz



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	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50 -16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 18, 2022	May 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 07, 2021	May 06, 2022	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDG REN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 20, 2021	May 19, 2022	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH01-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)

3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	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	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	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)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 06, 2021	May 05, 2022	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH03-CB)

Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH03-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2022	Apr. 25, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 08, 2021	Aug. 07, 2022	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N0 607	30MHz ~ 1GHz	Oct. 09, 2021	Oct. 08, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	310N	187291	0.1MHz ~ 1GHz	Dec. 16, 2021	Dec. 15, 2022	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 18, 2022	Mar. 17, 2023	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 07, 2021	Nov. 06, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Oct. 14, 2021	Oct. 13, 2022	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 2023	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH05-CB)

Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 02, 2021	Jul. 01, 2022	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH05-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Mar. 14, 2022	Mar. 13, 2023	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 13, 2021	Oct. 12, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)

RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

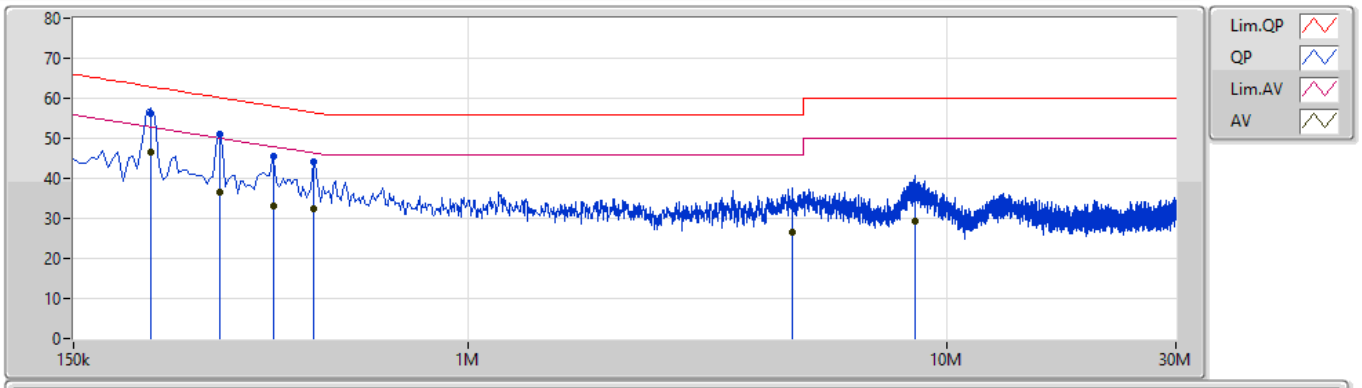
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	217.5k	46.44	52.92	-6.48	Line

Mode 1

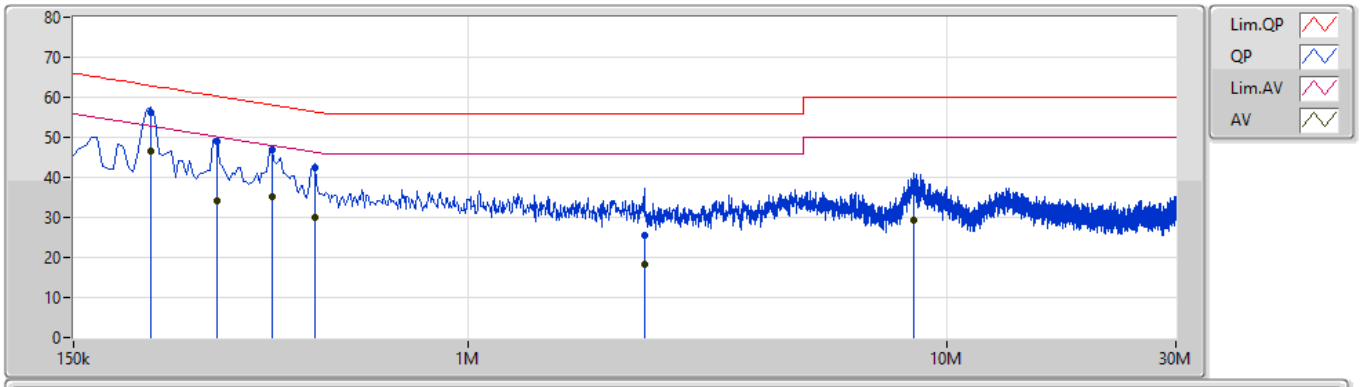
04/08/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	56.20	62.92	-6.72	9.99	Line	-	46.21	0.06	0.04	9.89
AV	217.5k	46.44	52.92	-6.48	9.99	Line	"Worst"	36.45	0.06	0.04	9.89
QP	303k	51.03	60.17	-9.14	10.00	Line	-	41.03	0.06	0.05	9.89
AV	303k	36.59	50.17	-13.58	10.00	Line	-	26.59	0.06	0.05	9.89
QP	393k	45.39	58.01	-12.62	10.01	Line	-	35.38	0.06	0.06	9.89
AV	393k	33.05	48.01	-14.96	10.01	Line	-	23.04	0.06	0.06	9.89
QP	474k	44.19	56.44	-12.25	10.01	Line	-	34.18	0.06	0.06	9.89
AV	474k	32.45	46.44	-13.99	10.01	Line	-	22.44	0.06	0.06	9.89
QP	4.758M	33.08	56.00	-22.92	10.14	Line	-	22.94	0.14	0.11	9.89
AV	4.758M	26.63	46.00	-19.37	10.14	Line	-	16.49	0.14	0.11	9.89
QP	8.547M	36.70	60.00	-23.30	10.26	Line	-	26.44	0.20	0.15	9.91
AV	8.547M	29.24	50.00	-20.76	10.26	Line	-	18.98	0.20	0.15	9.91

Mode 1

04/08/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	56.33	62.92	-6.59	10.00	Neutral	-	46.33	0.07	0.04	9.89
AV	217.5k	46.41	52.92	-6.51	10.00	Neutral	"Worst"	36.41	0.07	0.04	9.89
QP	298.5k	49.11	60.28	-11.17	10.01	Neutral	-	39.10	0.07	0.05	9.89
AV	298.5k	34.05	50.28	-16.23	10.01	Neutral	-	24.04	0.07	0.05	9.89
QP	388.5k	46.95	58.10	-11.15	10.02	Neutral	-	36.93	0.07	0.06	9.89
AV	388.5k	35.16	48.10	-12.94	10.02	Neutral	-	25.14	0.07	0.06	9.89
QP	478.5k	42.30	56.36	-14.06	10.02	Neutral	-	32.28	0.07	0.06	9.89
AV	478.5k	29.89	46.36	-16.47	10.02	Neutral	-	19.87	0.07	0.06	9.89
QP	2.328M	25.66	56.00	-30.34	10.09	Neutral	-	15.57	0.11	0.09	9.89
AV	2.328M	18.17	46.00	-27.83	10.09	Neutral	-	8.08	0.11	0.09	9.89
QP	8.507M	36.70	60.00	-23.30	10.28	Neutral	-	26.42	0.22	0.15	9.91
AV	8.507M	29.22	50.00	-20.78	10.28	Neutral	-	18.94	0.22	0.15	9.91

For non-beamforming mode
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	7.05M	10.32M	10M3G1D	6.575M	10.27M
802.11g_Nss1,(6Mbps)_4TX	16.35M	16.992M	17M0D1D	16.3M	16.767M
802.11ax HEW20_Nss1,(MCS0)_4TX	19.025M	19.065M	19M1D1D	18.375M	18.991M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.9M	38.081M	38M1D1D	37.55M	37.831M

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

Result

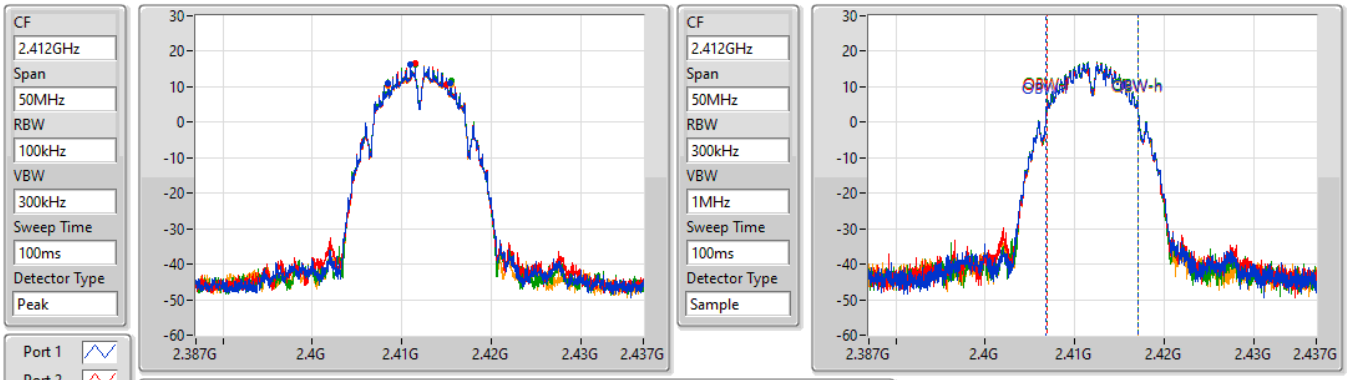
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	7M	10.295M	6.575M	10.27M	7.025M	10.27M	7.025M	10.295M
2437MHz	Pass	500k	7.05M	10.27M	7.05M	10.295M	7.025M	10.27M	7.05M	10.295M
2462MHz	Pass	500k	7.05M	10.27M	7.025M	10.32M	7.025M	10.27M	7.05M	10.27M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.967M	16.3M	16.817M	16.325M	16.892M	16.3M	16.942M
2437MHz	Pass	500k	16.35M	16.867M	16.325M	16.842M	16.3M	16.842M	16.35M	16.767M
2462MHz	Pass	500k	16.35M	16.867M	16.325M	16.992M	16.3M	16.867M	16.35M	16.992M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.775M	19.065M	18.575M	19.065M	18.85M	19.065M	18.85M	19.04M
2437MHz	Pass	500k	18.85M	19.065M	18.825M	19.015M	18.85M	18.991M	18.625M	19.04M
2462MHz	Pass	500k	19.025M	19.04M	18.375M	19.04M	18.8M	19.065M	18.925M	19.065M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.65M	38.081M	37.75M	38.031M	37.6M	37.981M	37.75M	38.031M
2437MHz	Pass	500k	37.9M	37.881M	37.8M	37.931M	37.65M	37.881M	37.55M	37.931M
2452MHz	Pass	500k	37.75M	37.831M	37.65M	37.981M	37.65M	37.931M	37.6M	38.031M

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

802.11b_Nss1,(1Mbps)_4TX EBW

2412MHz

06/07/2022

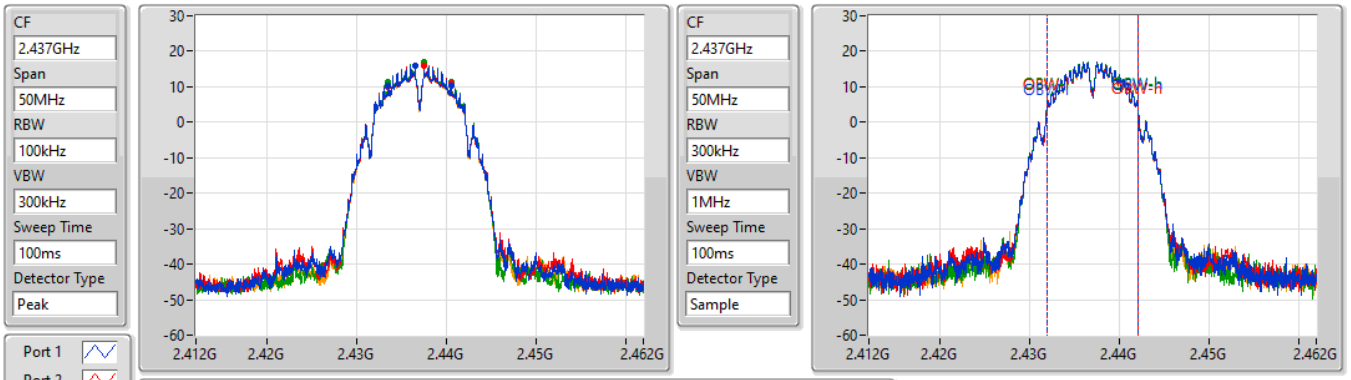


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7M	2.408475G	2.415475G	10.295M	2.406828G	2.417122G	500k	1
6.575M	2.408475G	2.41505G	10.27M	2.406853G	2.417122G	500k	2
7.025M	2.408475G	2.4155G	10.27M	2.406853G	2.417122G	500k	3
7.025M	2.408475G	2.4155G	10.295M	2.406828G	2.417122G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2437MHz

06/07/2022

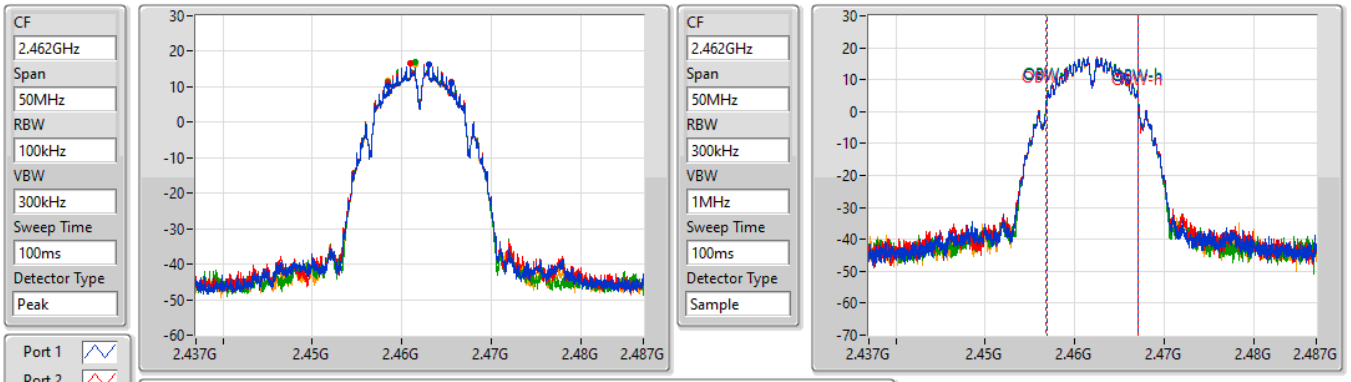


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.433475G	2.440525G	10.27M	2.431853G	2.442122G	500k	1
7.05M	2.433475G	2.440525G	10.295M	2.431853G	2.442147G	500k	2
7.025M	2.4335G	2.440525G	10.27M	2.431853G	2.442122G	500k	3
7.05M	2.433475G	2.440525G	10.295M	2.431853G	2.442147G	500k	4

802.11b_Nss1,(1Mbps)_4TX EBW

2462MHz

06/07/2022

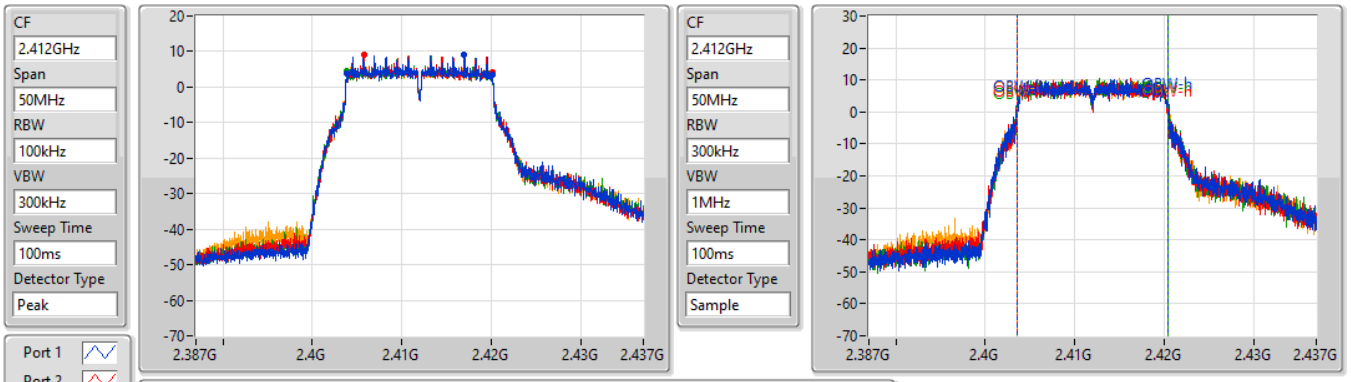


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.05M	2.45845G	2.4655G	10.27M	2.456853G	2.467122G	500k	1
7.025M	2.4585G	2.465525G	10.32M	2.456828G	2.467147G	500k	2
7.025M	2.4585G	2.465525G	10.27M	2.456853G	2.467122G	500k	3
7.05M	2.458475G	2.465525G	10.27M	2.456853G	2.467122G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2412MHz

06/07/2022

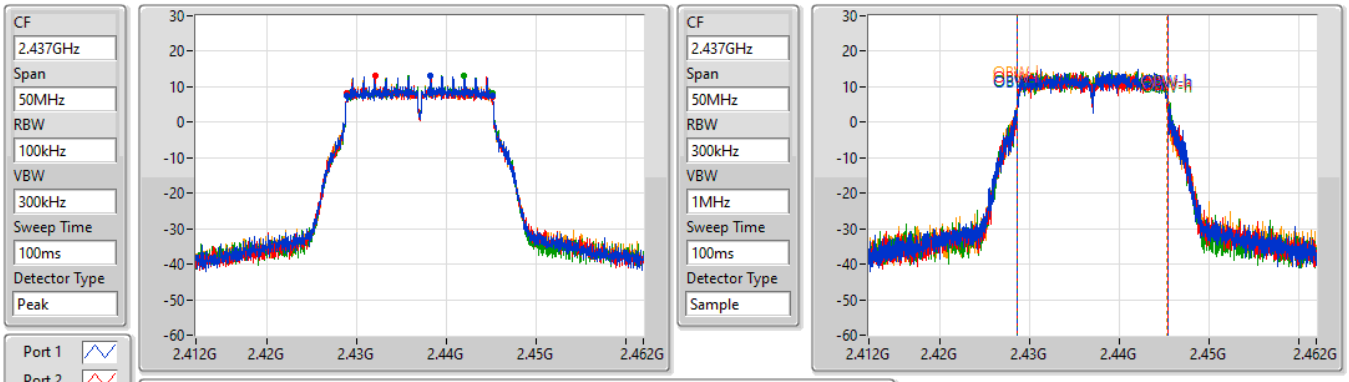


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.403825G	2.42015G	16.967M	2.403529G	2.420496G	500k	1
16.3M	2.40385G	2.42015G	16.817M	2.403579G	2.420396G	500k	2
16.325M	2.40385G	2.420175G	16.892M	2.403554G	2.420446G	500k	3
16.3M	2.40385G	2.42015G	16.942M	2.403529G	2.420471G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2437MHz

06/07/2022

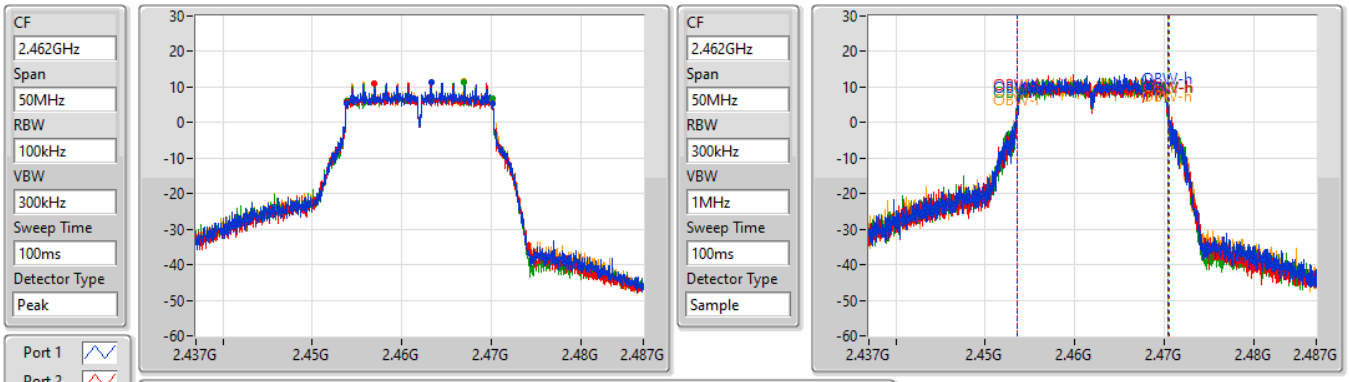


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.428825G	2.445175G	16.867M	2.428579G	2.445446G	500k	1
16.325M	2.42885G	2.445175G	16.842M	2.428579G	2.445421G	500k	2
16.3M	2.42885G	2.44515G	16.842M	2.428604G	2.445446G	500k	3
16.35M	2.428825G	2.445175G	16.767M	2.428579G	2.445346G	500k	4

802.11g_Nss1,(6Mbps)_4TX EBW

2462MHz

06/07/2022

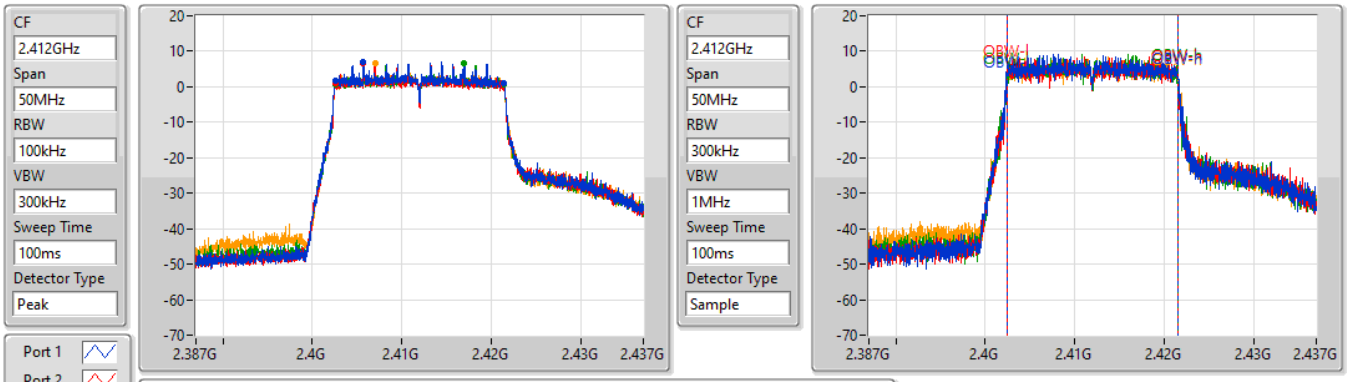


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.453825G	2.470175G	16.867M	2.453529G	2.470396G	500k	1
16.325M	2.45385G	2.470175G	16.992M	2.453529G	2.470521G	500k	2
16.3M	2.45385G	2.47015G	16.867M	2.453504G	2.470371G	500k	3
16.35M	2.453825G	2.470175G	16.992M	2.453504G	2.470496G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2412MHz

06/07/2022

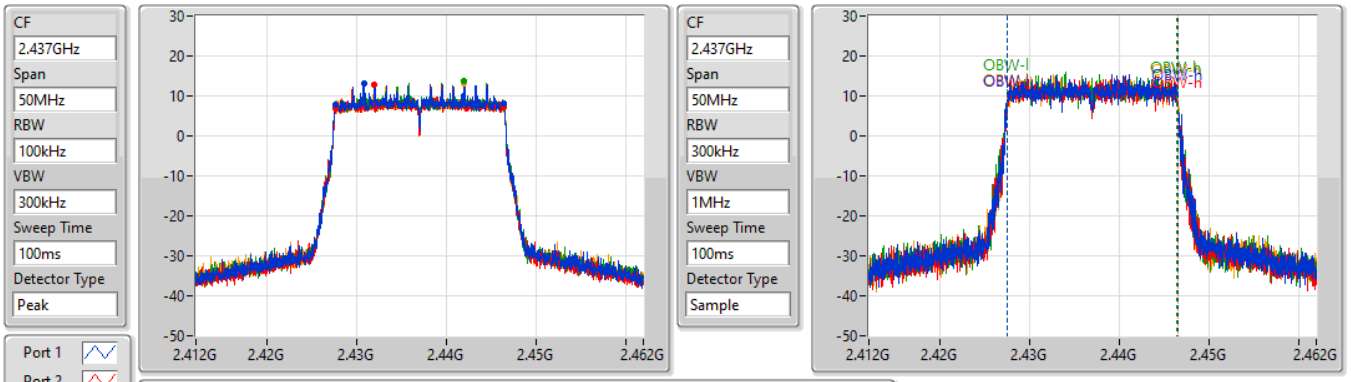


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.775M	2.402625G	2.4214G	19.065M	2.402455G	2.42152G	500k	1
18.575M	2.402625G	2.4212G	19.065M	2.402455G	2.42152G	500k	2
18.85M	2.402575G	2.421425G	19.065M	2.402455G	2.42152G	500k	3
18.85M	2.4026G	2.42145G	19.04M	2.40248G	2.42152G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2437MHz

06/07/2022

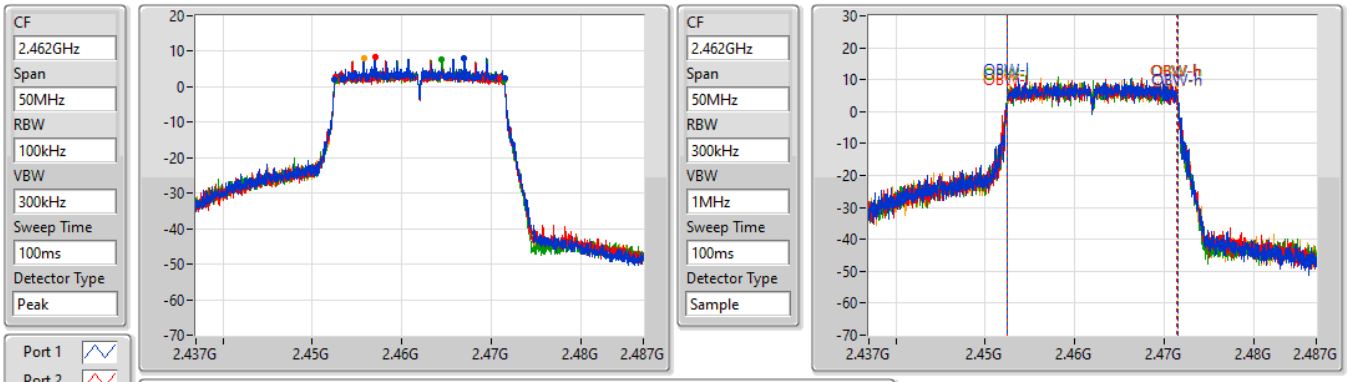


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.85M	2.4276G	2.44645G	19.065M	2.427455G	2.44652G	500k	1
18.825M	2.427575G	2.4464G	19.015M	2.42748G	2.446495G	500k	2
18.85M	2.427575G	2.446425G	18.991M	2.42748G	2.44647G	500k	3
18.625M	2.42775G	2.446375G	19.04M	2.42748G	2.44652G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

2462MHz

06/07/2022

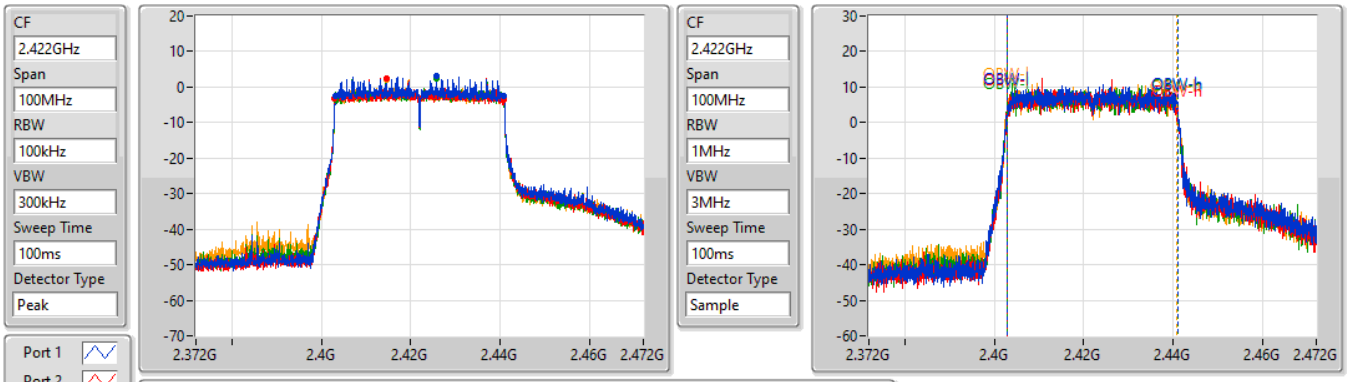


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	2.452475G	2.4715G	19.04M	2.45248G	2.47152G	500k	1
18.375M	2.452575G	2.47095G	19.04M	2.45243G	2.47147G	500k	2
18.8M	2.4526G	2.4714G	19.065M	2.45243G	2.471495G	500k	3
18.925M	2.45255G	2.471475G	19.065M	2.452455G	2.47152G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2422MHz

06/07/2022

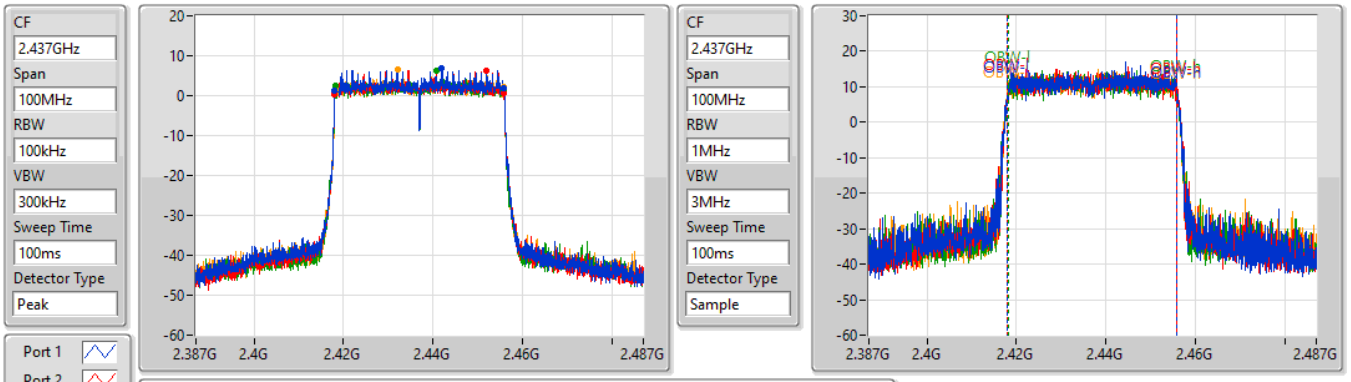


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.40315G	2.4408G	38.081M	2.40296G	2.44104G	500k	1
37.75M	2.40305G	2.4408G	38.031M	2.40296G	2.440991G	500k	2
37.6M	2.40315G	2.44075G	37.981M	2.403009G	2.440991G	500k	3
37.75M	2.4031G	2.44085G	38.031M	2.40291G	2.440941G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2437MHz

06/07/2022

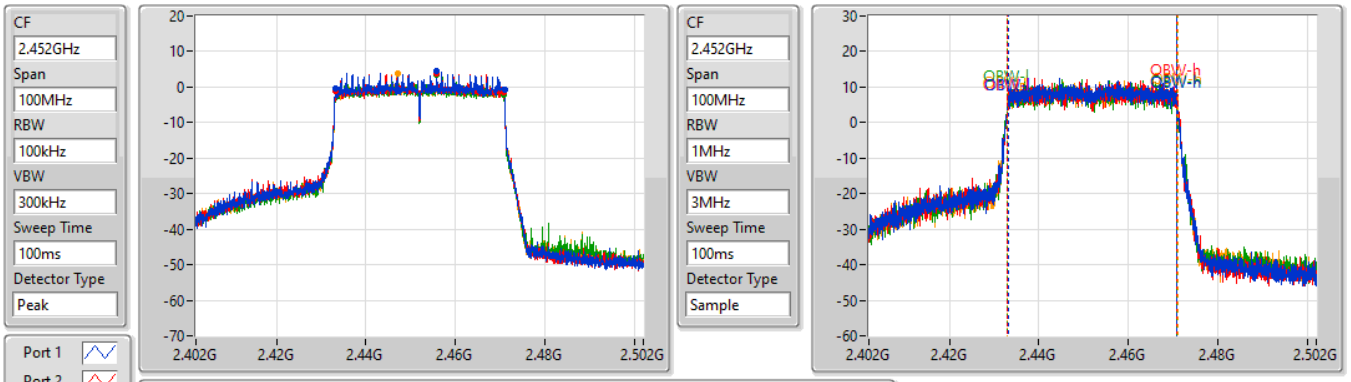


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.418G	2.4559G	37.881M	2.418009G	2.455891G	500k	1
37.8M	2.41805G	2.45585G	37.931M	2.418009G	2.455941G	500k	2
37.65M	2.4182G	2.45585G	37.881M	2.418059G	2.455941G	500k	3
37.55M	2.4182G	2.45575G	37.931M	2.418009G	2.455941G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

2452MHz

06/07/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.75M	2.4332G	2.47095G	37.831M	2.433059G	2.470891G	500k	1
37.65M	2.4332G	2.47085G	37.981M	2.43296G	2.470941G	500k	2
37.65M	2.4332G	2.47085G	37.931M	2.433009G	2.470941G	500k	3
37.6M	2.43315G	2.47075G	38.031M	2.43296G	2.470991G	500k	4

For beamforming mode
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	18.925M	19.115M	19M1D1D	18.675M	19.04M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.9M	38.081M	38M1D1D	37.3M	37.881M

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

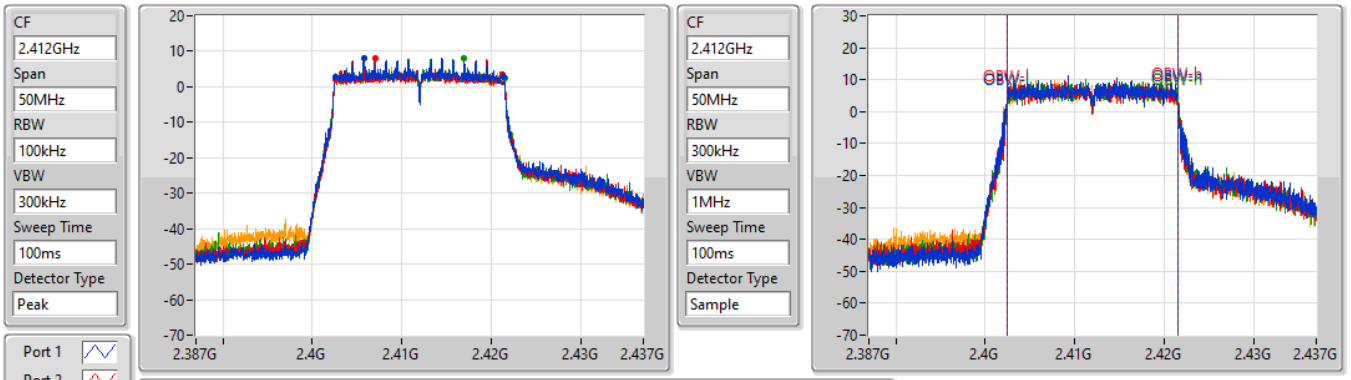
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.8M	19.065M	18.675M	19.04M	18.825M	19.115M	18.85M	19.065M
2437MHz	Pass	500k	18.925M	19.065M	18.875M	19.065M	18.675M	19.04M	18.7M	19.065M
2462MHz	Pass	500k	18.825M	19.04M	18.9M	19.04M	18.775M	19.065M	18.8M	19.065M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37.6M	37.981M	37.7M	38.031M	37.85M	38.081M	37.3M	37.981M
2437MHz	Pass	500k	37.9M	37.931M	37.75M	37.981M	37.85M	37.931M	37.45M	37.881M
2452MHz	Pass	500k	37.6M	37.981M	37.7M	37.881M	37.5M	37.931M	37.65M	37.981M

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

06/07/2022

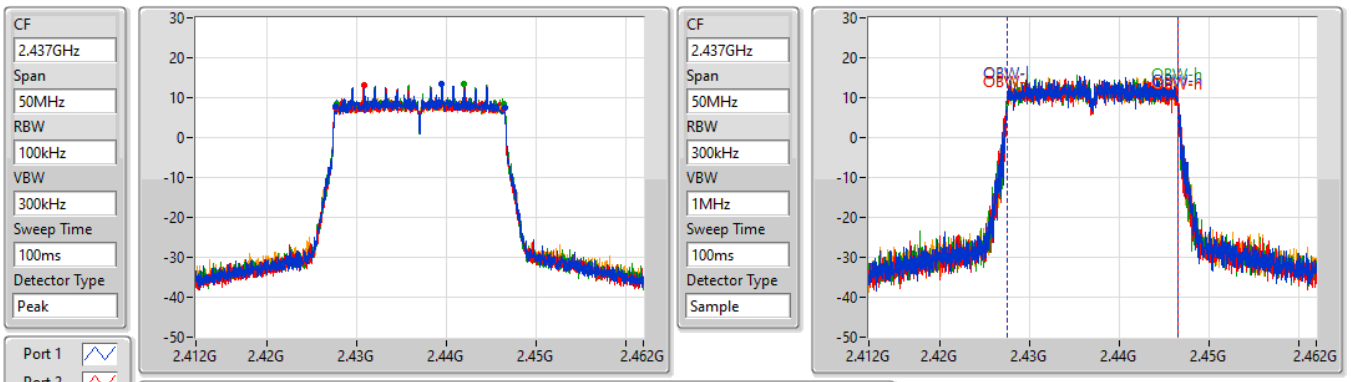


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.8M	2.4026G	2.4214G	19.065M	2.402455G	2.42152G	500k	1
18.675M	2.402575G	2.42125G	19.04M	2.40248G	2.42152G	500k	2
18.825M	2.40265G	2.421475G	19.115M	2.40243G	2.421545G	500k	3
18.85M	2.402575G	2.421425G	19.065M	2.402455G	2.42152G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2437MHz

06/07/2022

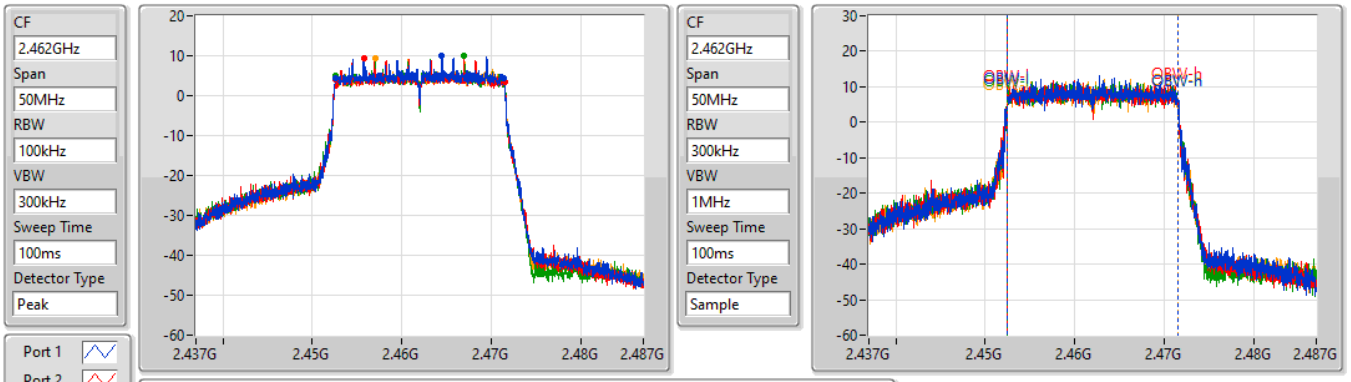


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	2.427575G	2.4465G	19.065M	2.427455G	2.44652G	500k	1
18.875M	2.427575G	2.44645G	19.065M	2.427455G	2.44652G	500k	2
18.675M	2.427675G	2.44635G	19.04M	2.427455G	2.446495G	500k	3
18.7M	2.427575G	2.446275G	19.065M	2.427455G	2.44652G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

2462MHz

06/07/2022

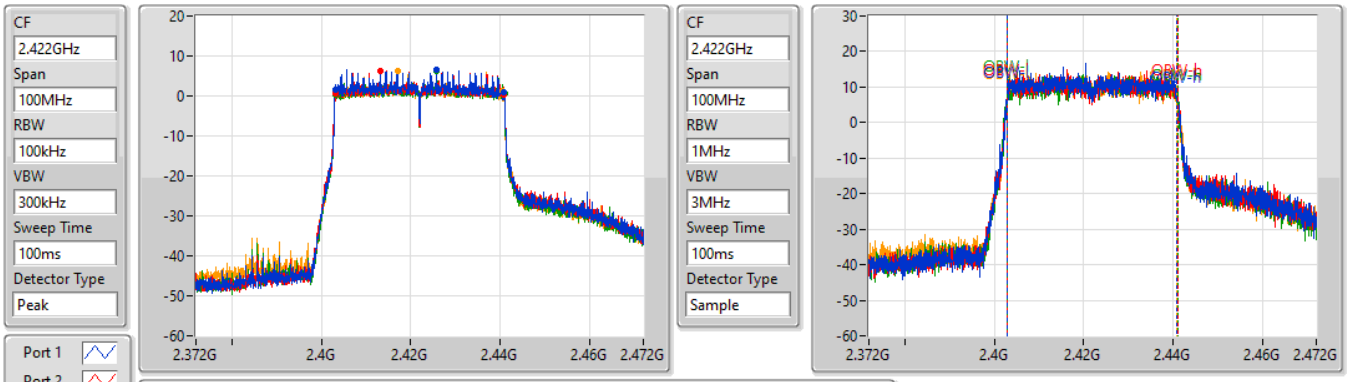


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.825M	2.452575G	2.4714G	19.04M	2.452455G	2.471495G	500k	1
18.9M	2.452575G	2.471475G	19.04M	2.452455G	2.471495G	500k	2
18.775M	2.45265G	2.471425G	19.065M	2.45243G	2.471495G	500k	3
18.8M	2.4526G	2.4714G	19.065M	2.452455G	2.47152G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2422MHz

06/07/2022

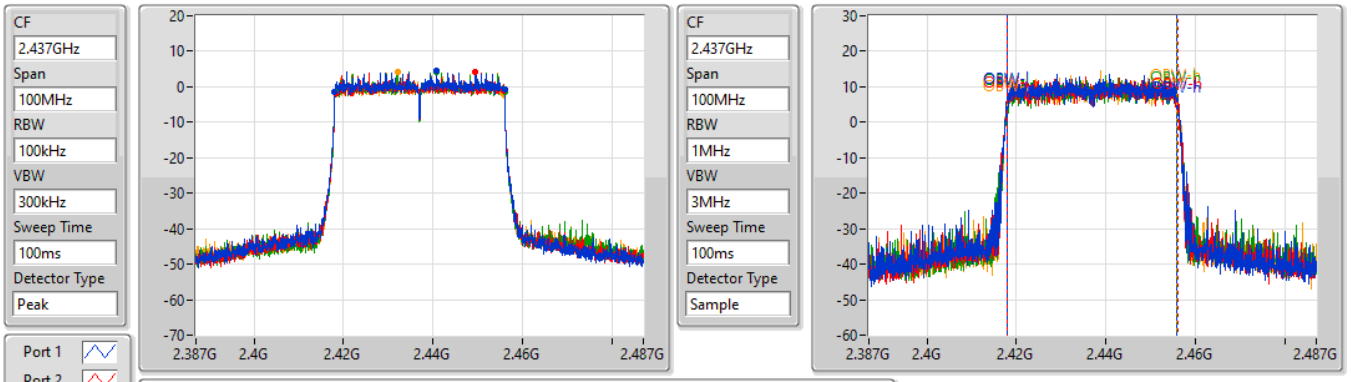


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4032G	2.4408G	37.981M	2.40296G	2.440941G	500k	1
37.7M	2.40315G	2.44085G	38.031M	2.40296G	2.440991G	500k	2
37.85M	2.40315G	2.441G	38.081M	2.40296G	2.44104G	500k	3
37.3M	2.4031G	2.4404G	37.981M	2.40296G	2.440941G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2437MHz

06/07/2022

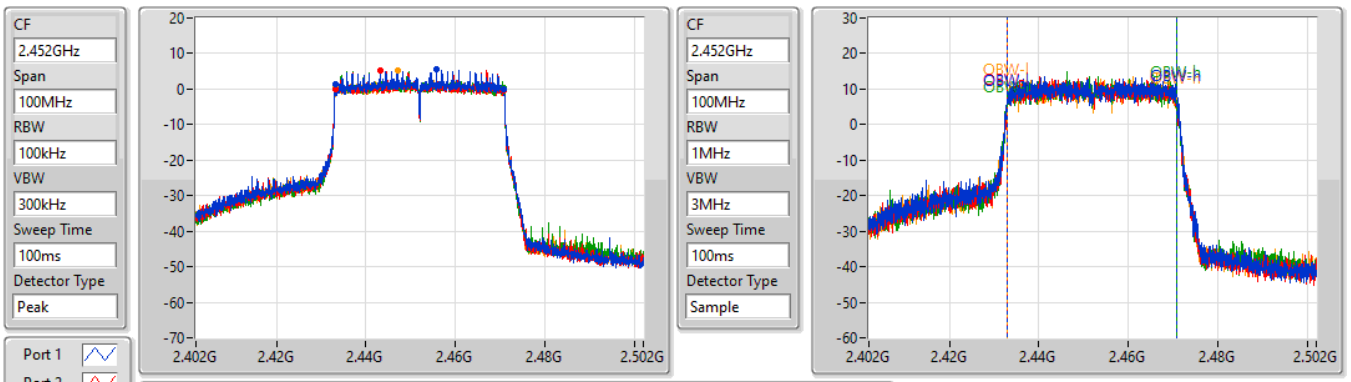


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.9M	2.41805G	2.45595G	37.931M	2.418009G	2.455941G	500k	1
37.75M	2.41815G	2.4559G	37.981M	2.418009G	2.455991G	500k	2
37.85M	2.4181G	2.45595G	37.931M	2.418009G	2.455941G	500k	3
37.45M	2.4181G	2.45555G	37.881M	2.418009G	2.455891G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

2452MHz

06/07/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.6M	2.4332G	2.4708G	37.981M	2.43296G	2.470941G	500k	1
37.7M	2.43315G	2.47085G	37.881M	2.433009G	2.470891G	500k	2
37.5M	2.43325G	2.47075G	37.931M	2.43296G	2.470891G	500k	3
37.65M	2.43315G	2.4708G	37.981M	2.43296G	2.470941G	500k	4

For non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	29.98	0.99541
802.11g_Nss1,(6Mbps)_4TX	29.89	0.97499
802.11ax HEW20_Nss1,(MCS0)_4TX	29.84	0.96383
802.11ax HEW40_Nss1,(MCS0)_4TX	26.92	0.49204

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	4.67	23.68	23.92	24.25	23.75	29.93	30.00
2437MHz	Pass	4.67	23.91	23.87	24.26	23.78	29.98	30.00
2462MHz	Pass	4.67	23.64	23.87	24.29	23.93	29.96	30.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.67	19.61	19.71	19.66	19.64	25.68	30.00
2417MHz	Pass	4.67	23.31	22.92	23.23	22.96	29.13	30.00
2437MHz	Pass	4.67	23.98	23.69	23.96	23.86	29.89	30.00
2457MHz	Pass	4.67	23.33	22.88	23.08	23.31	29.17	30.00
2462MHz	Pass	4.67	22.37	21.94	22.03	22.18	28.15	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	4.67	17.86	17.69	18.01	17.88	23.88	30.00
2417MHz	Pass	4.67	22.72	22.68	22.77	22.71	28.74	30.00
2437MHz	Pass	4.67	23.89	23.66	23.98	23.73	29.84	30.00
2457MHz	Pass	4.67	22.30	21.97	22.13	21.95	28.11	30.00
2462MHz	Pass	4.67	19.11	18.73	19.36	19.13	25.11	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	4.67	16.57	16.58	16.84	17.03	22.78	30.00
2427MHz	Pass	4.67	17.93	17.84	17.55	17.67	23.77	30.00
2437MHz	Pass	4.67	21.13	20.93	20.75	20.79	26.92	30.00
2452MHz	Pass	4.67	18.05	17.88	17.59	17.67	23.82	30.00

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

For beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.84	0.96383
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.94	0.49431

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	5.99	19.07	18.90	19.14	19.02	25.05	30.00
2417MHz	Pass	5.99	22.21	21.94	22.26	22.03	28.13	30.00
2437MHz	Pass	5.99	23.89	23.66	23.98	23.73	29.84	30.00
2457MHz	Pass	5.99	23.39	23.97	23.80	23.99	29.81	30.00
2462MHz	Pass	5.99	20.57	20.33	20.72	20.53	26.56	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.99	19.94	20.51	20.59	20.86	26.51	30.00
2437MHz	Pass	5.99	20.63	20.68	21.05	21.30	26.94	30.00
2452MHz	Pass	5.99	20.06	20.15	20.51	20.58	26.35	30.00

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

For non-beamforming mode
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	6.14
802.11g_Nss1,(6Mbps)_4TX	2.36
802.11ax HEW20_Nss1,(MCS0)_4TX	1.71
802.11ax HEW40_Nss1,(MCS0)_4TX	-4.30

RBW = 3kHz;

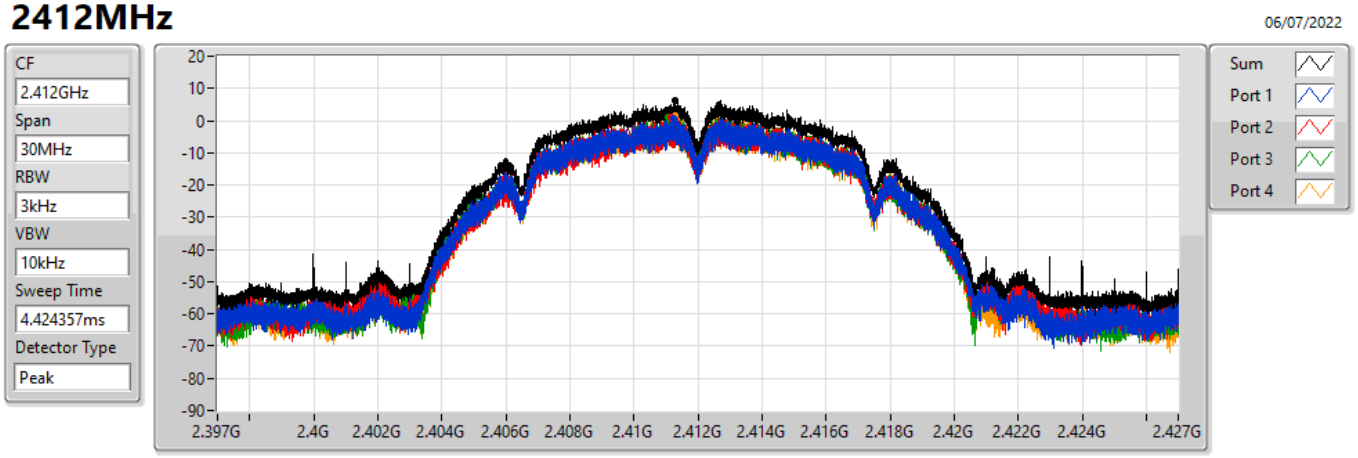
Result

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	5.99	0.50	1.16	1.03	1.38	6.09	8.00
2437MHz	Pass	5.99	2.28	0.63	2.49	0.53	6.13	8.00
2462MHz	Pass	5.99	1.93	1.11	2.81	0.85	6.14	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.99	-5.68	-6.17	-6.57	-6.16	-1.34	8.00
2437MHz	Pass	5.99	-1.99	-1.19	-0.94	-1.48	2.36	8.00
2462MHz	Pass	5.99	-3.25	-2.07	-3.62	-3.77	0.93	8.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.99	-9.23	-9.58	-9.05	-8.98	-4.20	8.00
2437MHz	Pass	5.99	-2.51	-2.54	-2.07	-2.62	1.71	8.00
2462MHz	Pass	5.99	-7.13	-8.58	-8.44	-7.80	-3.17	8.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.99	-12.76	-11.45	-12.52	-13.23	-8.18	8.00
2437MHz	Pass	5.99	-7.96	-7.64	-9.07	-8.36	-4.30	8.00
2452MHz	Pass	5.99	-11.62	-10.95	-11.09	-11.13	-6.75	8.00

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

802.11b_Nss1,(1Mbps)_4TX PSD

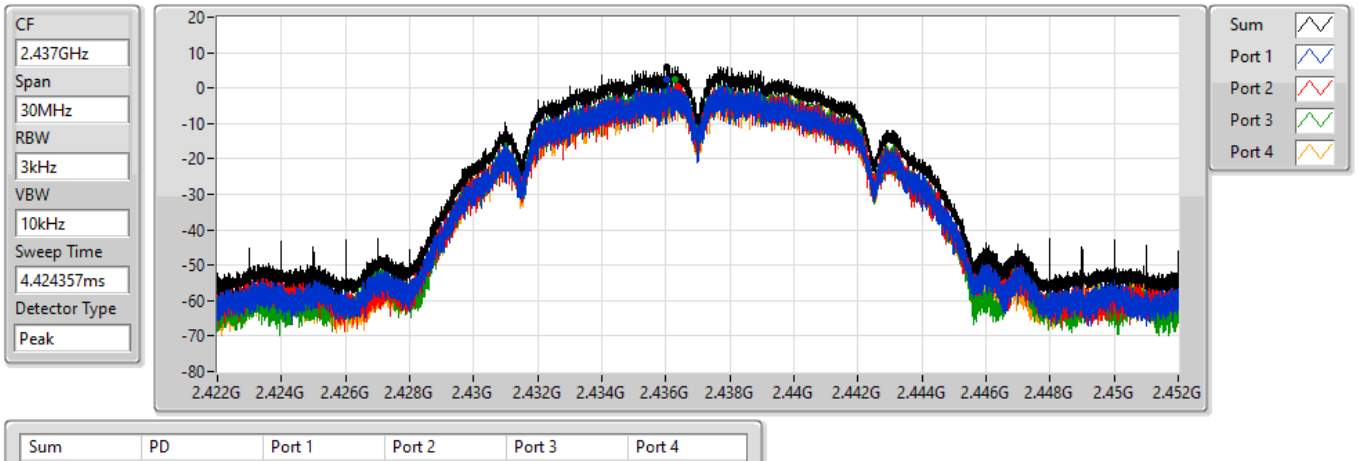
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.09	6.09	0.50	1.16	1.03	1.38

802.11b_Nss1,(1Mbps)_4TX PSD

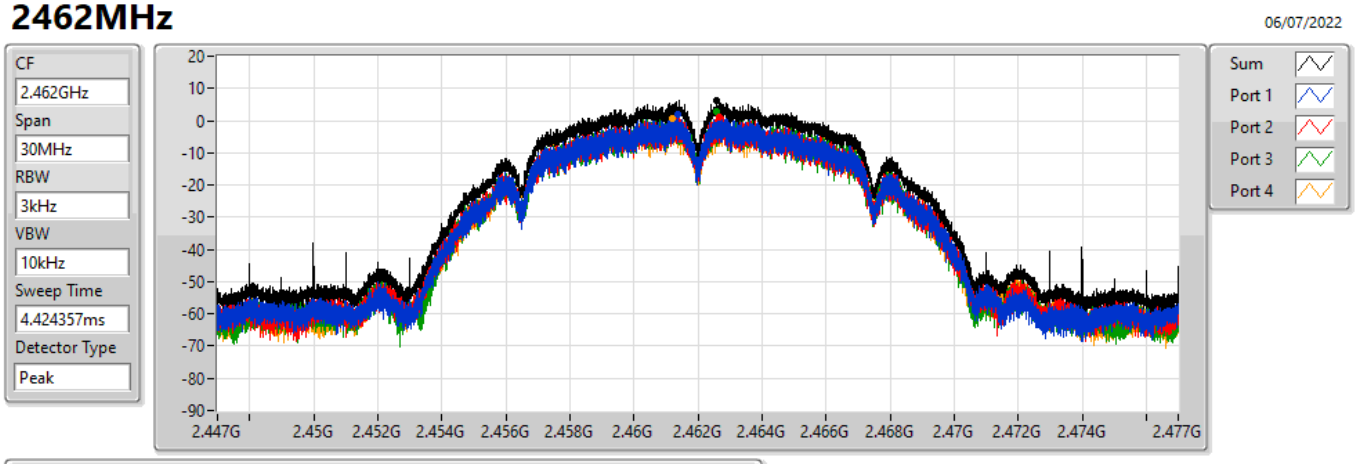
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.13	6.13	2.28	0.63	2.49	0.53

802.11b_Nss1,(1Mbps)_4TX PSD

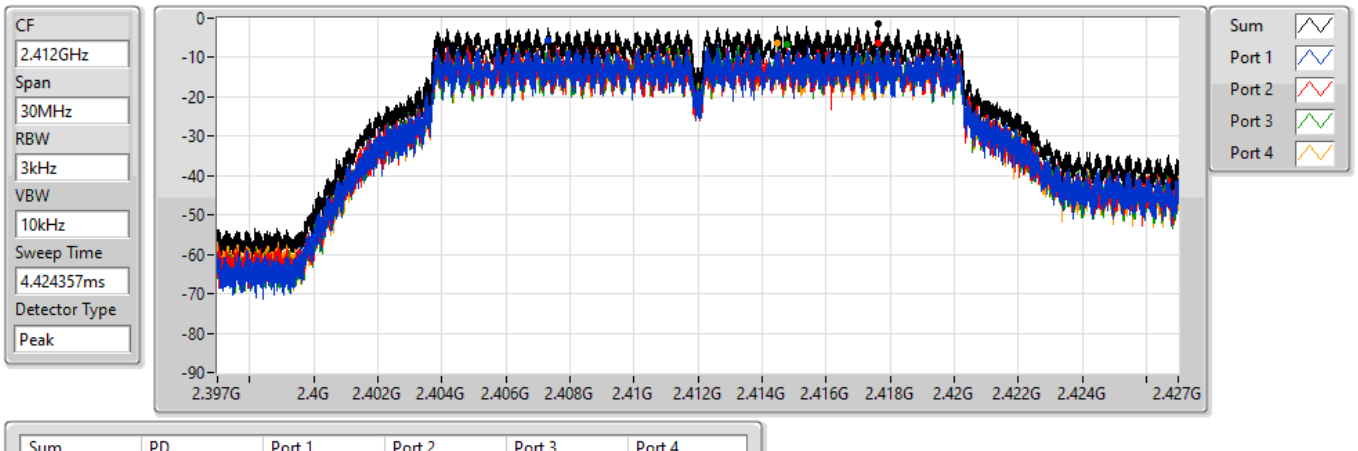
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.14	6.14	1.93	1.11	2.81	0.85

802.11g_Nss1,(6Mbps)_4TX PSD

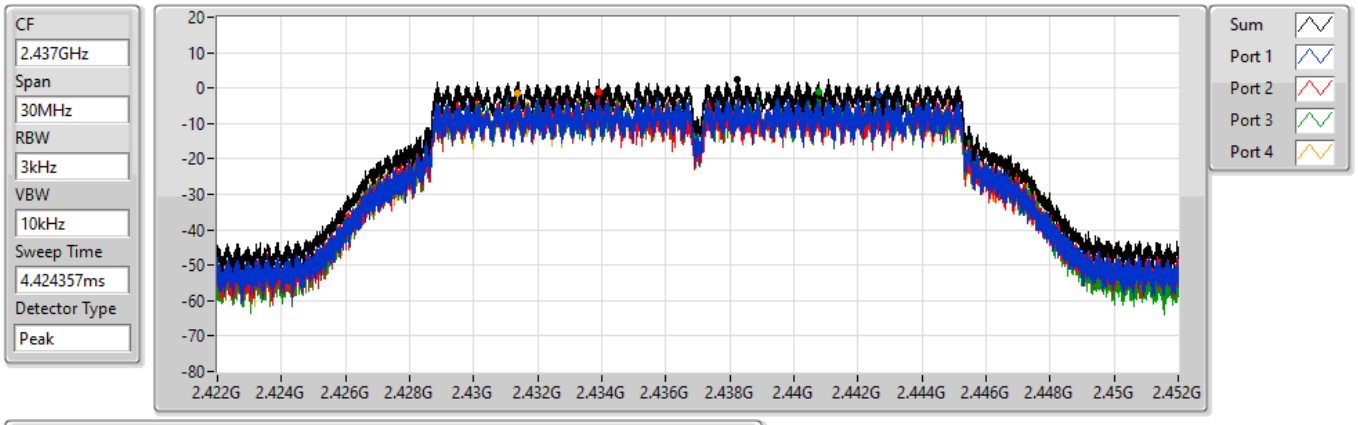
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.34	-1.34	-5.68	-6.17	-6.57	-6.16

802.11g_Nss1,(6Mbps)_4TX PSD

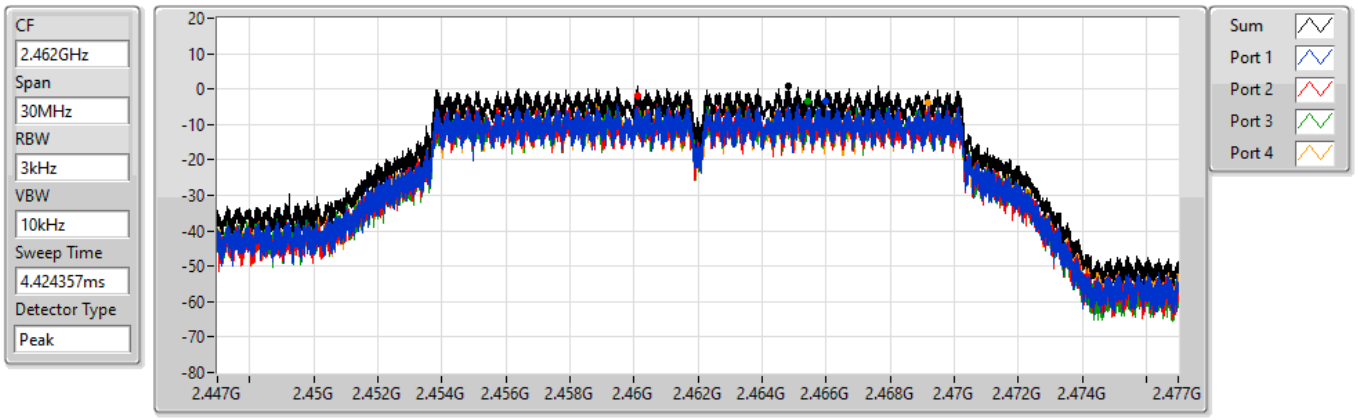
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-1.99	-1.19	-0.94	-1.48

802.11g_Nss1,(6Mbps)_4TX PSD

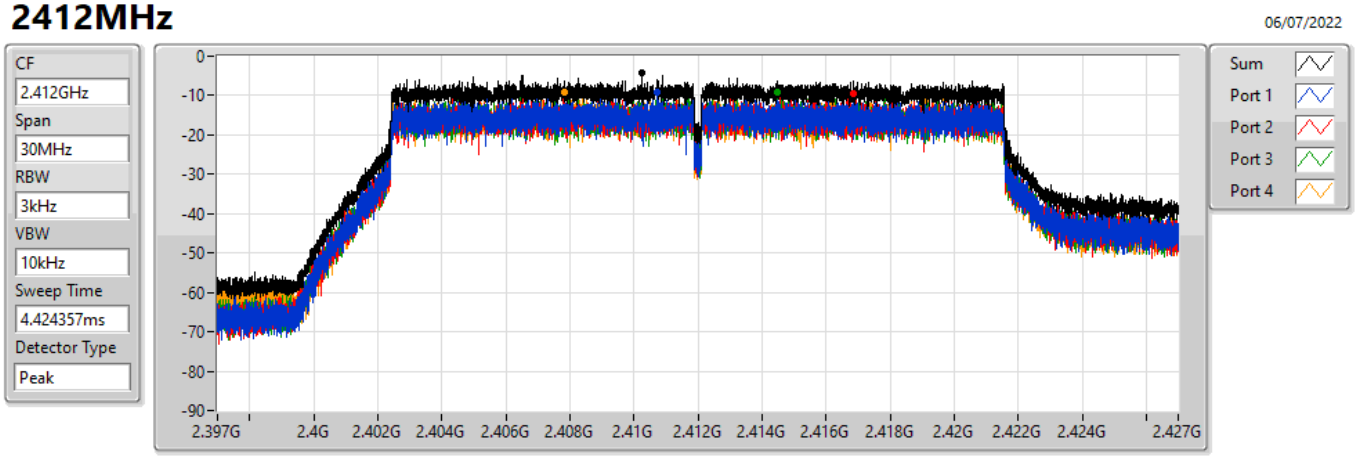
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.93	0.93	-3.25	-2.07	-3.62	-3.77

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

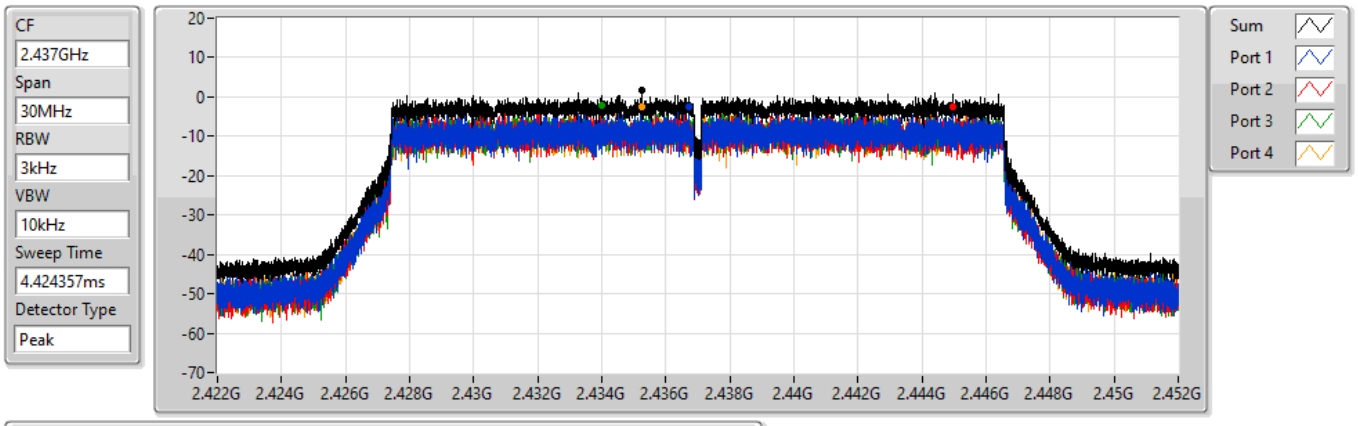
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.20	-4.20	-9.23	-9.58	-9.05	-8.98

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

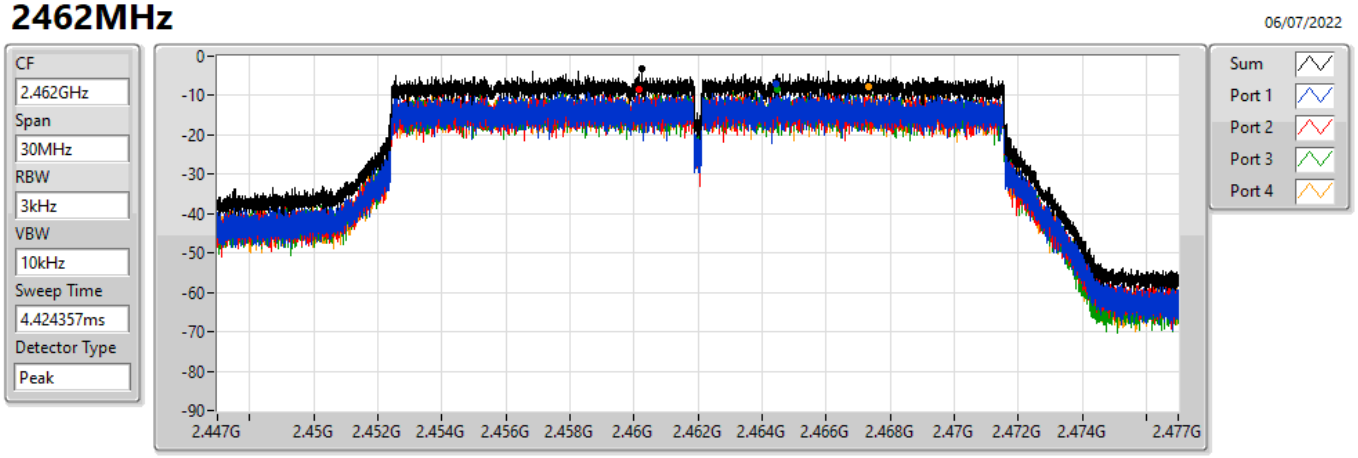
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.71	1.71	-2.51	-2.54	-2.07	-2.62

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

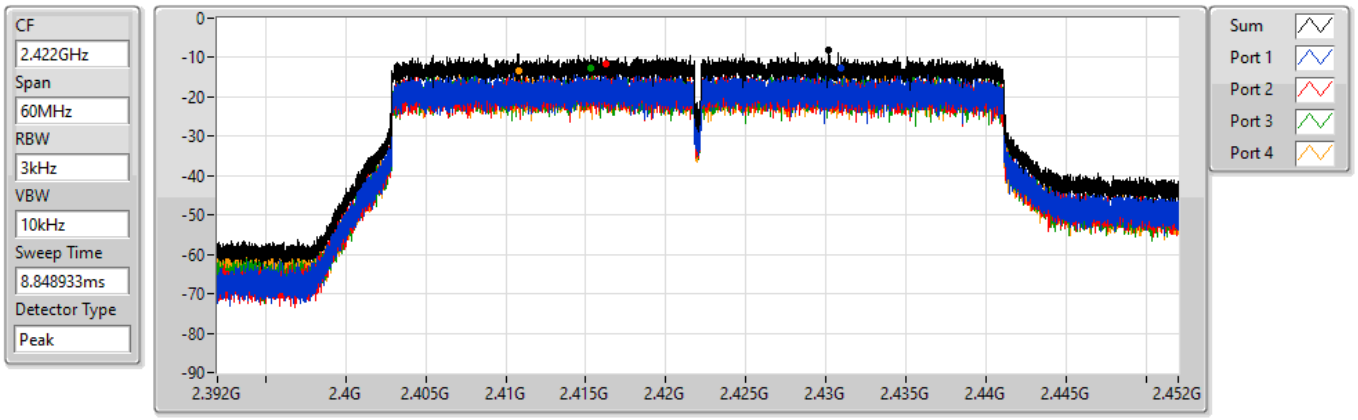
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-7.13	-8.58	-8.44	-7.80

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2422MHz

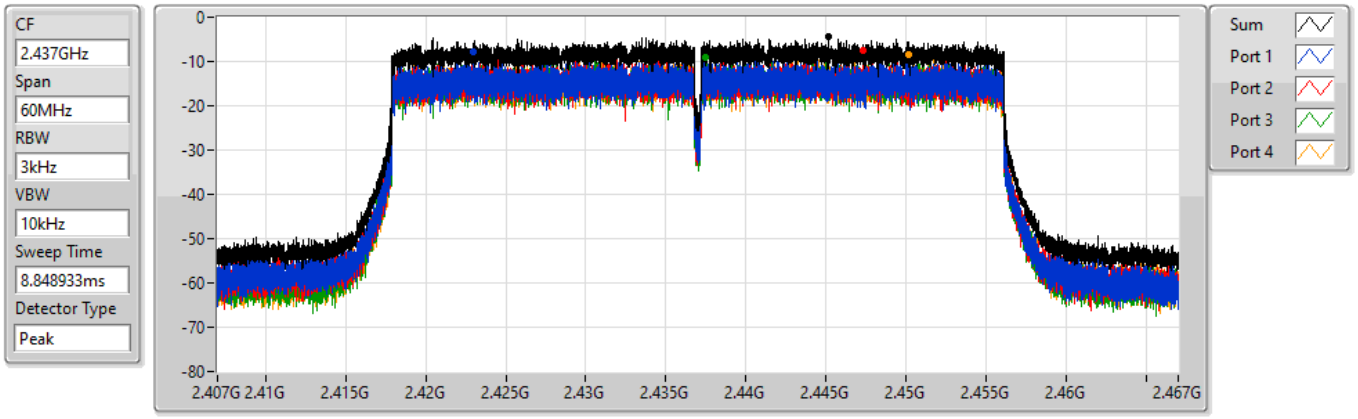


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.18	-8.18	-12.76	-11.45	-12.52	-13.23

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2437MHz

06/07/2022

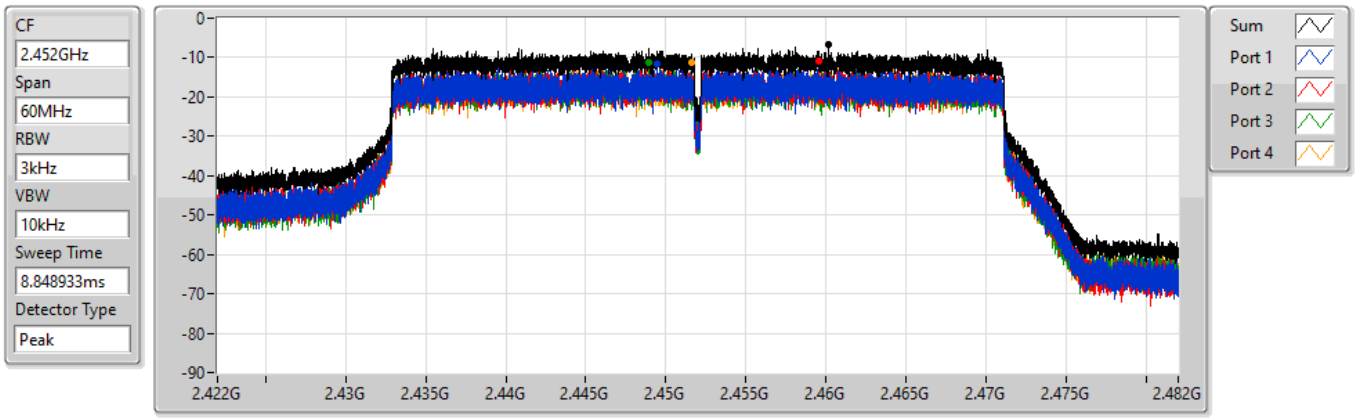


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.30	-4.30	-7.96	-7.64	-9.07	-8.36

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

2452MHz

06/07/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.75	-6.75	-11.62	-10.95	-11.09	-11.13

For beamforming mode
Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	1.73
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-4.62

RBW = 3kHz;

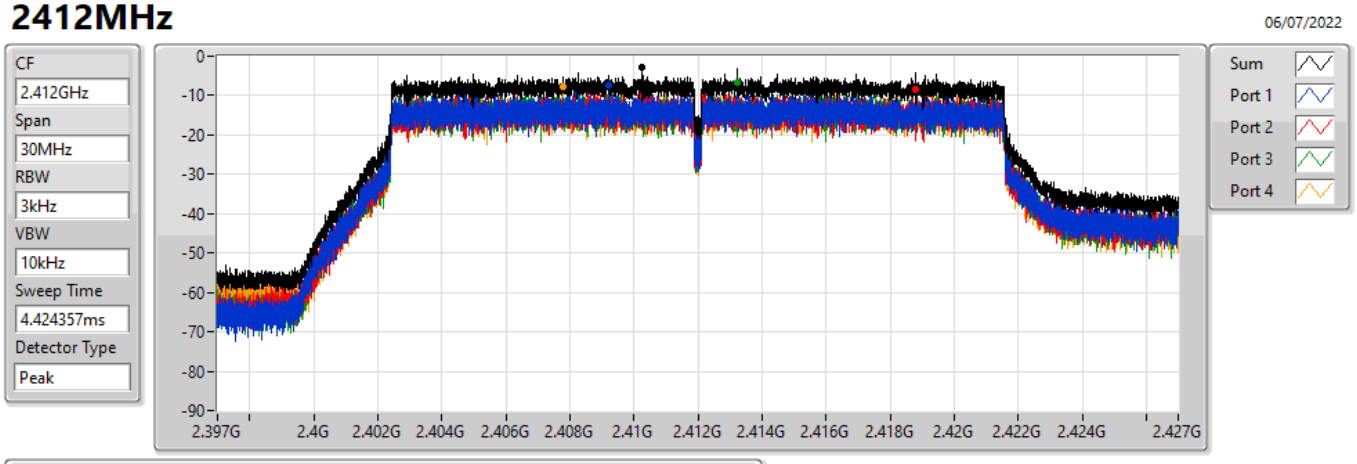
Result

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	5.99	-7.28	-8.27	-6.67	-7.74	-2.91	8.00
2437MHz	Pass	5.99	-2.52	-3.57	-2.84	-2.62	1.73	8.00
2462MHz	Pass	5.99	-5.65	-6.73	-5.61	-4.94	-1.61	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.99	-8.66	-9.15	-8.30	-8.40	-4.62	8.00
2437MHz	Pass	5.99	-8.27	-7.86	-8.98	-9.07	-5.03	8.00
2452MHz	Pass	5.99	-9.15	-9.49	-8.76	-9.38	-5.77	8.00

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

802.11ax 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)
-2.91	-2.91	-7.28	-8.27	-6.67	-7.74

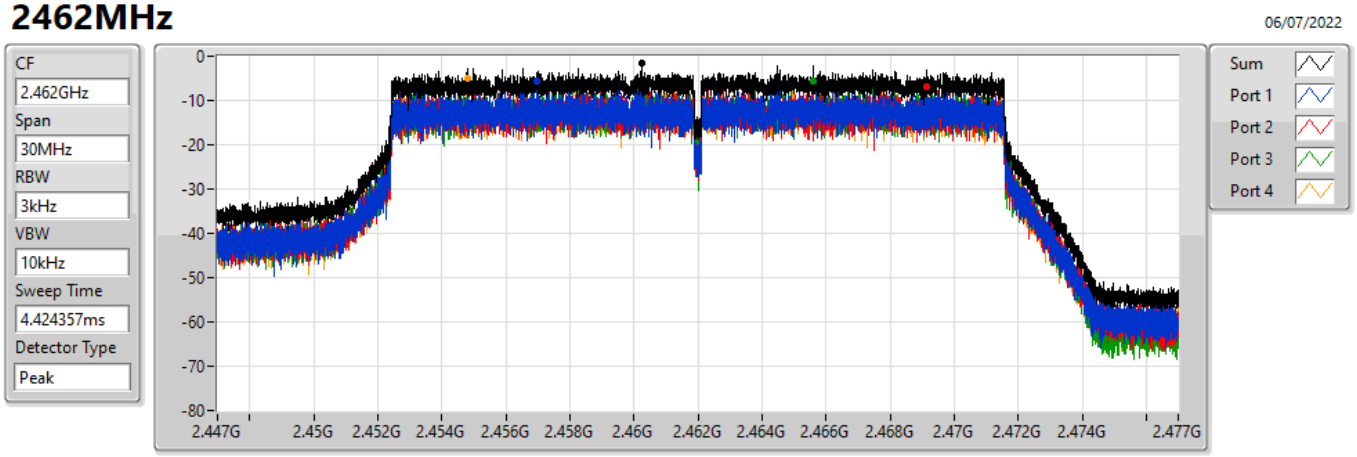
802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

2437MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.73	1.73	-2.52	-3.57	-2.84	-2.62

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

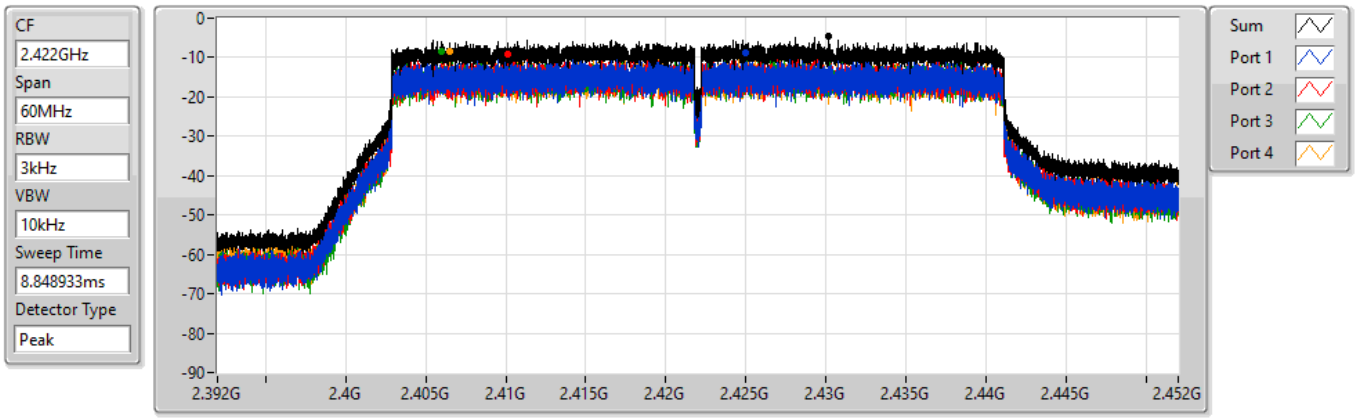
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.61	-1.61	-5.65	-6.73	-5.61	-4.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

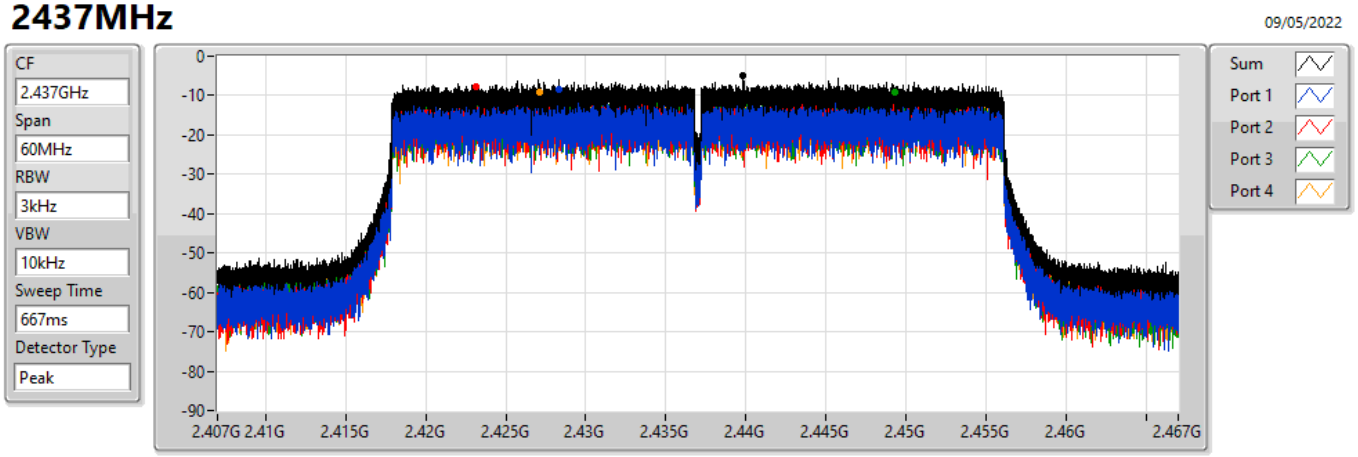
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.62	-4.62	-8.66	-9.15	-8.30	-8.40

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

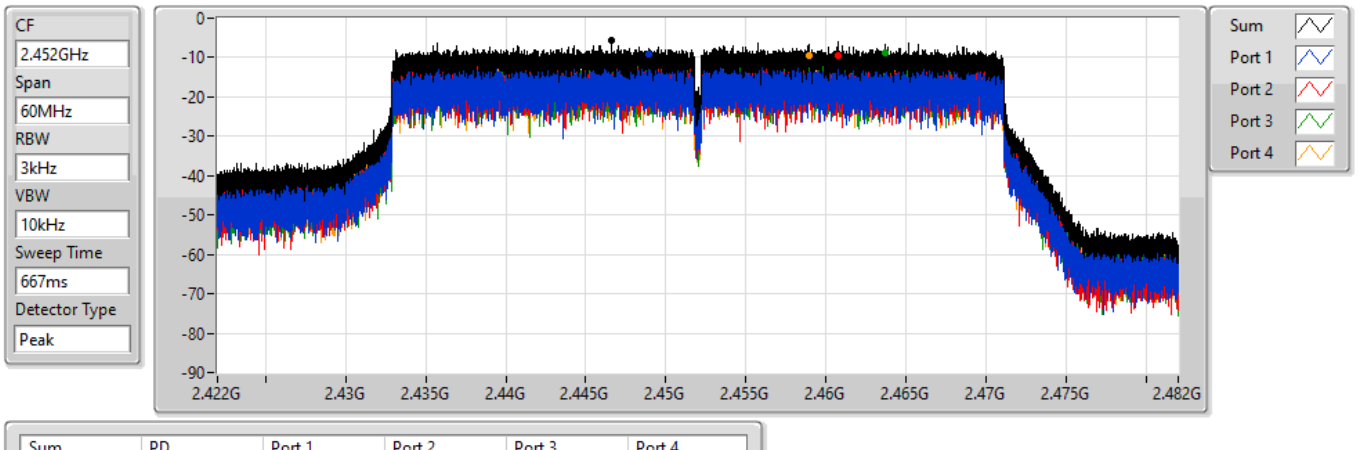
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.03	-5.03	-8.27	-7.86	-8.98	-9.07

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)
-5.77	-5.77	-9.15	-9.49	-8.76	-9.38

For non-beamforming mode
Summary

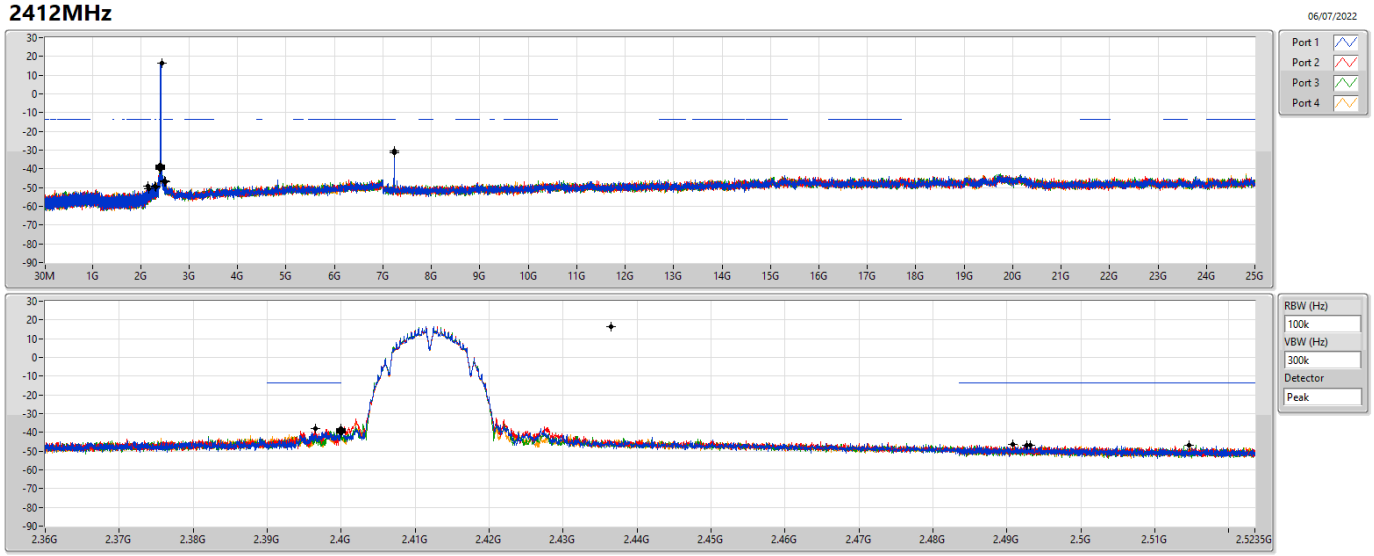
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	Pass	2.43649G	16.54	-13.46	2.30029G	-49.08	2.39652G	-38.13	2.4G	-38.19	2.4931G	-46.86	7.23795G	-30.48	2
802.11g_Nss1,(6Mbps)_4TX	Pass	2.442G	13.45	-16.55	2.30787G	-51.14	2.39998G	-37.51	2.4G	-35.62	2.4841G	-48.35	7.23233G	-38.45	1
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	2.44196G	13.48	-16.52	937.54M	-51.35	2.39992G	-37.38	2.4G	-36.64	2.50052G	-49.61	7.23514G	-38.85	3
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	2.442G	6.80	-23.20	1.9765G	-52.04	2.4G	-33.24	2.4G	-31.82	2.48646G	-48.49	15.24854G	-43.25	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43649G	16.54	-13.46	2.15438G	-49.44	2.39998G	-39.38	2.4G	-38.66	2.4927G	-46.90	7.23514G	-30.61	1
2412MHz	Pass	2.43649G	16.54	-13.46	2.30029G	-49.08	2.39652G	-38.13	2.4G	-38.19	2.4931G	-46.86	7.23795G	-30.48	2
2412MHz	Pass	2.43649G	16.54	-13.46	2.16603G	-50.46	2.4G	-38.89	2.4G	-40.14	2.49078G	-46.44	7.23514G	-30.37	3
2412MHz	Pass	2.43649G	16.54	-13.46	2.30787G	-49.70	2.39998G	-39.31	2.4G	-39.65	2.51462G	-46.84	7.23514G	-31.20	4
2437MHz	Pass	2.43649G	16.54	-13.46	2.30175G	-49.92	2.39418G	-44.63	2.4G	-46.27	2.48604G	-45.16	23.40698G	-44.05	1
2437MHz	Pass	2.43649G	16.54	-13.46	2.30292G	-48.33	2.39622G	-44.85	2.4G	-46.58	2.48496G	-44.92	24.52518G	-44.19	2
2437MHz	Pass	2.43649G	16.54	-13.46	2.30408G	-50.57	2.39492G	-44.99	2.4G	-46.00	2.48424G	-45.66	24.18242G	-44.33	3
2437MHz	Pass	2.43649G	16.54	-13.46	2.17447G	-49.91	2.39824G	-44.89	2.4G	-47.12	2.51198G	-45.91	24.48585G	-43.93	4
2462MHz	Pass	2.43649G	16.54	-13.46	2.30845G	-50.24	2.39338G	-46.97	2.4835G	-47.01	2.49244G	-43.66	24.17399G	-43.94	1
2462MHz	Pass	2.43649G	16.54	-13.46	2.30146G	-49.95	2.39546G	-46.03	2.4835G	-45.27	2.49106G	-42.52	23.37326G	-43.61	2
2462MHz	Pass	2.43649G	16.54	-13.46	2.30029G	-51.28	2.39972G	-46.90	2.4835G	-46.70	2.48596G	-42.57	16.55446G	-43.84	3
2462MHz	Pass	2.43649G	16.54	-13.46	2.30408G	-50.19	2.39682G	-46.17	2.4835G	-45.73	2.48384G	-42.57	24.84547G	-44.10	4
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	13.45	-16.55	2.30787G	-51.14	2.39998G	-37.51	2.4G	-35.62	2.4841G	-48.35	7.23233G	-38.45	1
2412MHz	Pass	2.442G	13.45	-16.55	2.30233G	-50.58	2.4G	-38.70	2.4G	-36.25	2.48564G	-48.25	7.23514G	-38.48	2
2412MHz	Pass	2.442G	13.45	-16.55	2.30991G	-50.17	2.39992G	-36.88	2.4G	-37.95	2.48712G	-48.62	7.22952G	-39.36	3
2412MHz	Pass	2.442G	13.45	-16.55	2.18234G	-50.70	2.4G	-37.06	2.4G	-38.06	2.49694G	-48.73	7.22952G	-39.34	4
2437MHz	Pass	2.442G	13.45	-16.55	2.30845G	-49.27	2.39912G	-43.60	2.4G	-46.00	2.48388G	-44.69	15.27891G	-44.35	1
2437MHz	Pass	2.442G	13.45	-16.55	2.30874G	-49.50	2.3963G	-43.52	2.4G	-46.37	2.48656G	-44.67	17.00118G	-44.19	2
2437MHz	Pass	2.442G	13.45	-16.55	2.30292G	-49.21	2.39376G	-43.61	2.4G	-45.12	2.4849G	-44.97	17.68952G	-44.44	3
2437MHz	Pass	2.442G	13.45	-16.55	2.1602G	-48.99	2.3993G	-44.07	2.4835G	-44.90	2.48354G	-44.03	16.97589G	-44.31	4
2462MHz	Pass	2.442G	13.45	-16.55	2.30903G	-51.41	2.39442G	-46.67	2.4835G	-42.32	2.48352G	-40.94	24.823G	-43.37	1
2462MHz	Pass	2.442G	13.45	-16.55	2.30816G	-49.64	2.39696G	-47.34	2.4835G	-43.32	2.48446G	-41.89	24.49428G	-42.59	2
2462MHz	Pass	2.442G	13.45	-16.55	2.15846G	-49.82	2.39296G	-47.81	2.4835G	-43.52	2.48406G	-42.32	17.58556G	-44.32	3
2462MHz	Pass	2.442G	13.45	-16.55	2.16079G	-50.74	2.3986G	-46.93	2.4835G	-43.47	2.48364G	-41.54	24.81457G	-44.28	4
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44196G	13.48	-16.52	2.01108G	-51.63	2.4G	-37.74	2.4G	-36.75	2.5058G	-48.87	7.23795G	-43.09	1
2412MHz	Pass	2.44196G	13.48	-16.52	2.17477G	-51.28	2.39998G	-37.42	2.4G	-37.78	2.48822G	-48.64	7.24076G	-41.86	2
2412MHz	Pass	2.44196G	13.48	-16.52	937.54M	-51.35	2.39992G	-37.38	2.4G	-36.64	2.50052G	-49.61	7.23514G	-38.85	3
2412MHz	Pass	2.44196G	13.48	-16.52	921.23M	-51.63	2.39998G	-37.30	2.4G	-37.50	2.48778G	-49.32	7.22671G	-41.05	4
2437MHz	Pass	2.44196G	13.48	-16.52	2.30321G	-49.46	2.3993G	-41.20	2.4G	-43.83	2.4871G	-44.81	24.81176G	-44.13	1
2437MHz	Pass	2.44196G	13.48	-16.52	2.30088G	-48.91	2.39988G	-41.68	2.4G	-45.43	2.48984G	-43.97	15.00358G	-43.87	2
2437MHz	Pass	2.44196G	13.48	-16.52	2.30816G	-50.20	2.39878G	-41.05	2.4G	-44.05	2.48472G	-44.05	15.25925G	-43.79	3
2437MHz	Pass	2.44196G	13.48	-16.52	2.30612G	-48.76	2.39712G	-42.63	2.4G	-43.02	2.48734G	-43.44	17.69514G	-44.02	4
2462MHz	Pass	2.44196G	13.48	-16.52	2.30991G	-51.13	2.39512G	-48.81	2.4835G	-48.19	2.48452G	-45.46	24.80614G	-43.89	1
2462MHz	Pass	2.44196G	13.48	-16.52	798.61M	-51.51	2.39884G	-49.08	2.4835G	-46.47	2.4888G	-45.01	24.83985G	-44.13	2
2462MHz	Pass	2.44196G	13.48	-16.52	2.30641G	-50.65	2.39062G	-49.33	2.4835G	-45.78	2.48432G	-43.18	15.31263G	-43.20	3
2462MHz	Pass	2.44196G	13.48	-16.52	2.30466G	-51.14	2.394G	-49.07	2.4835G	-46.72	2.48418G	-44.58	17.44509G	-43.70	4
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.442G	6.80	-23.20	1.9765G	-52.04	2.4G	-33.24	2.4G	-31.82	2.48646G	-48.49	15.24854G	-43.25	1
2422MHz	Pass	2.442G	6.80	-23.20	2.13022G	-51.11	2.39996G	-32.72	2.4G	-35.08	2.48438G	-48.76	14.95686G	-43.91	2
2422MHz	Pass	2.442G	6.80	-23.20	2.05293G	-52.05	2.39996G	-34.52	2.4G	-34.35	2.48534G	-48.60	15.02698G	-43.74	3
2422MHz	Pass	2.442G	6.80	-23.20	2.30483G	-51.47	2.39988G	-33.89	2.4G	-34.88	2.48874G	-48.55	17.69411G	-43.90	4
2437MHz	Pass	2.442G	6.80	-23.20	2.3054G	-49.53	2.39956G	-38.39	2.4G	-41.94	2.4935G	-42.48	15.02698G	-43.69	1
2437MHz	Pass	2.442G	6.80	-23.20	2.30569G	-50.51	2.3986G	-39.45	2.4G	-41.72	2.48354G	-41.92	17.08272G	-44.31	2
2437MHz	Pass	2.442G	6.80	-23.20	2.30626G	-49.50	2.39652G	-39.09	2.4G	-42.63	2.4945G	-40.57	15.04941G	-43.87	3
2437MHz	Pass	2.442G	6.80	-23.20	2.30569G	-50.64	2.39728G	-38.58	2.4G	-42.29	2.49326G	-40.18	23.50797G	-44.43	4
2452MHz	Pass	2.442G	6.80	-23.20	922.53M	-52.03	2.39952G	-36.04	2.4G	-38.19	2.49446G	-44.42	24.80649G	-44.23	1
2452MHz	Pass	2.442G	6.80	-23.20	676.35M	-51.09	2.39952G	-35.64	2.4G	-38.03	2.50822G	-44.31	15.27378G	-43.96	2
2452MHz	Pass	2.442G	6.80	-23.20	2.13365G	-51.79	2.39944G	-37.42	2.4G	-39.15	2.48822G	-40.38	16.2694G	-43.87	3
2452MHz	Pass	2.442G	6.80	-23.20	908.22M	-52.28	2.39952G	-34.35	2.4G	-39.49	2.48822G	-42.28	16.27501G	-44.24	4

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

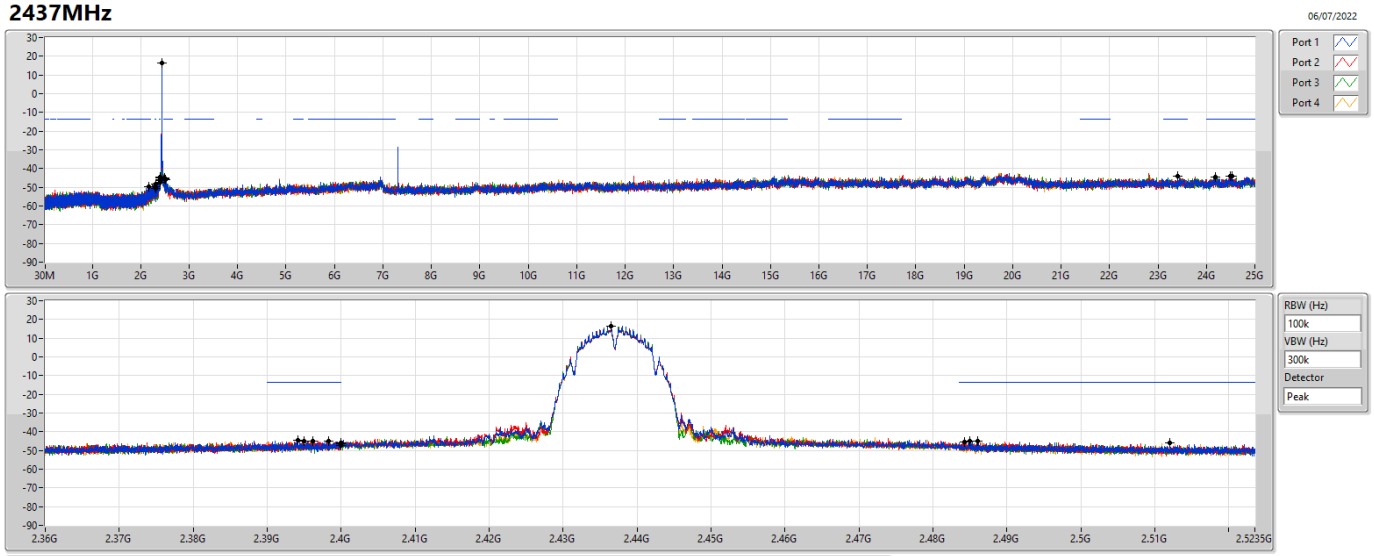
2412MHz



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	16.54	-13.46	2.15438G	-49.44	2.39998G	-39.38	2.4G	-38.66	2.4927G	-46.90	7.23514G	-30.61	1
2.43649G	16.54	-13.46	2.30029G	-49.08	2.39652G	-38.13	2.4G	-38.19	2.4931G	-46.86	7.23795G	-30.48	2
2.43649G	16.54	-13.46	2.16603G	-50.46	2.4G	-38.89	2.4G	-40.14	2.49078G	-46.44	7.23514G	-30.37	3
2.43649G	16.54	-13.46	2.30787G	-49.70	2.39998G	-39.31	2.4G	-39.65	2.51462G	-46.84	7.23514G	-31.20	4

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

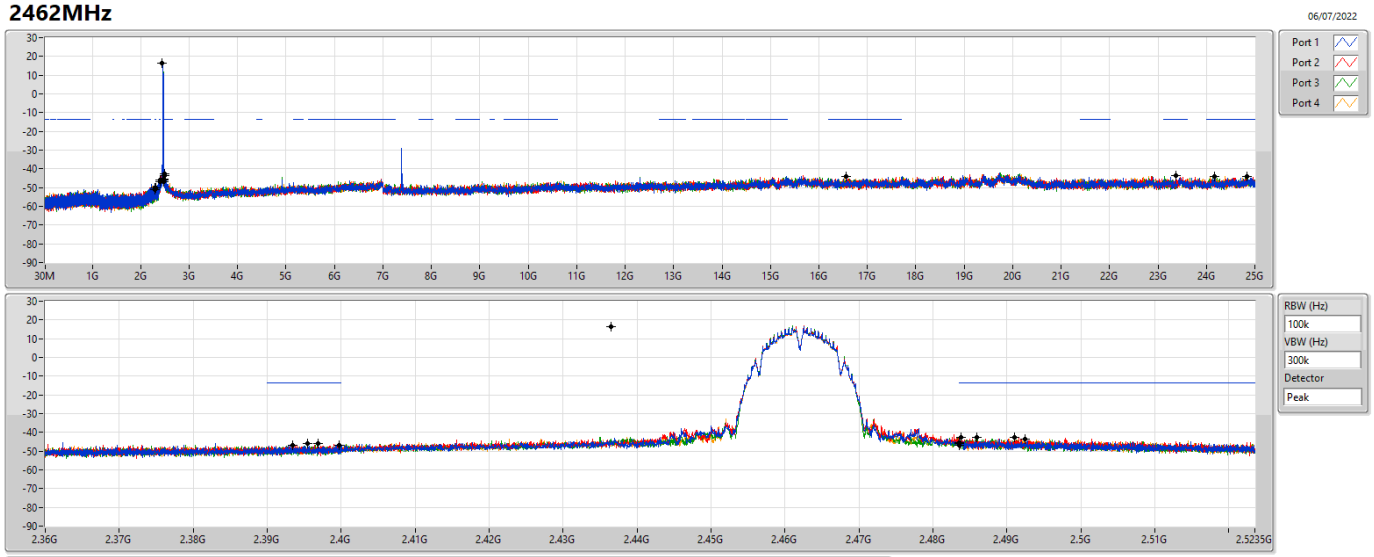
2437MHz



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	16.54	-13.46	2.30175G	-49.92	2.39418G	-44.63	2.4G	-46.27	2.48604G	-45.16	23.40698G	-44.05	1
2.43649G	16.54	-13.46	2.30292G	-48.33	2.39622G	-44.85	2.4G	-46.58	2.48496G	-44.92	24.52518G	-44.19	2
2.43649G	16.54	-13.46	2.30408G	-50.57	2.39492G	-44.99	2.4G	-46.00	2.48424G	-45.66	24.18242G	-44.33	3
2.43649G	16.54	-13.46	2.17447G	-49.91	2.39824G	-44.89	2.4G	-47.12	2.51198G	-45.91	24.48585G	-43.93	4

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

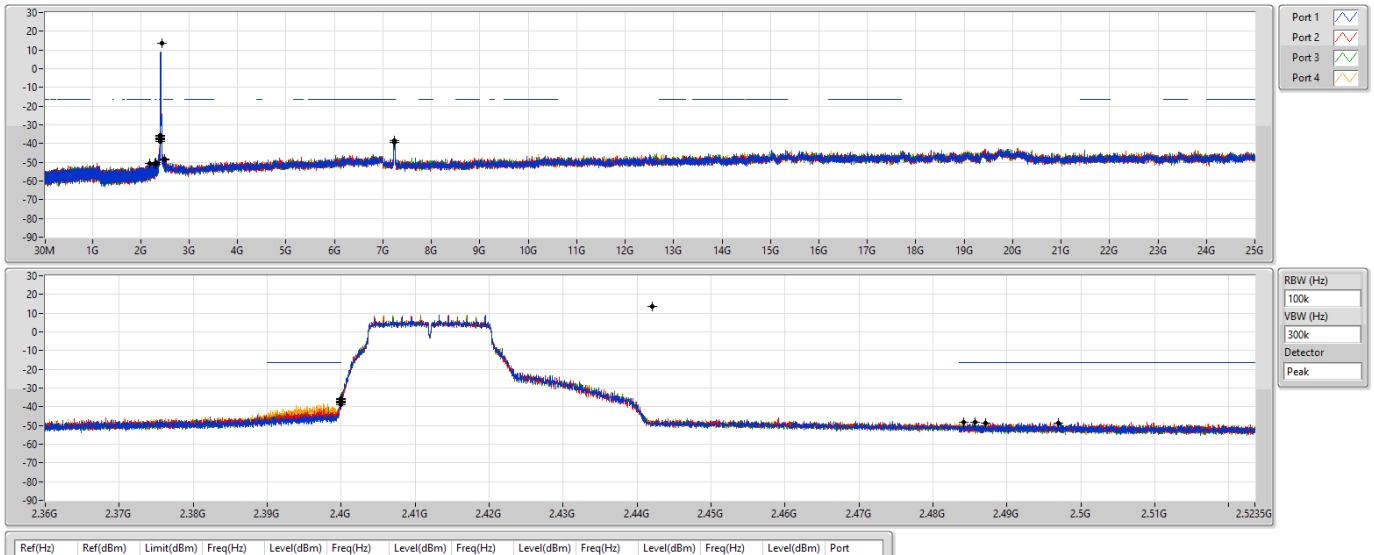
2462MHz



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	16.54	-13.46	2.30845G	-50.24	2.39338G	-46.97	2.4835G	-47.01	2.49244G	-43.66	24.17399G	-43.94	1
2.43649G	16.54	-13.46	2.30146G	-49.95	2.39546G	-46.03	2.4835G	-45.27	2.49106G	-42.52	23.37326G	-43.61	2
2.43649G	16.54	-13.46	2.30029G	-51.28	2.39972G	-46.90	2.4835G	-46.70	2.48596G	-42.57	16.55446G	-43.84	3
2.43649G	16.54	-13.46	2.30408G	-50.19	2.39682G	-46.17	2.4835G	-45.73	2.48384G	-42.57	24.84547G	-44.10	4

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

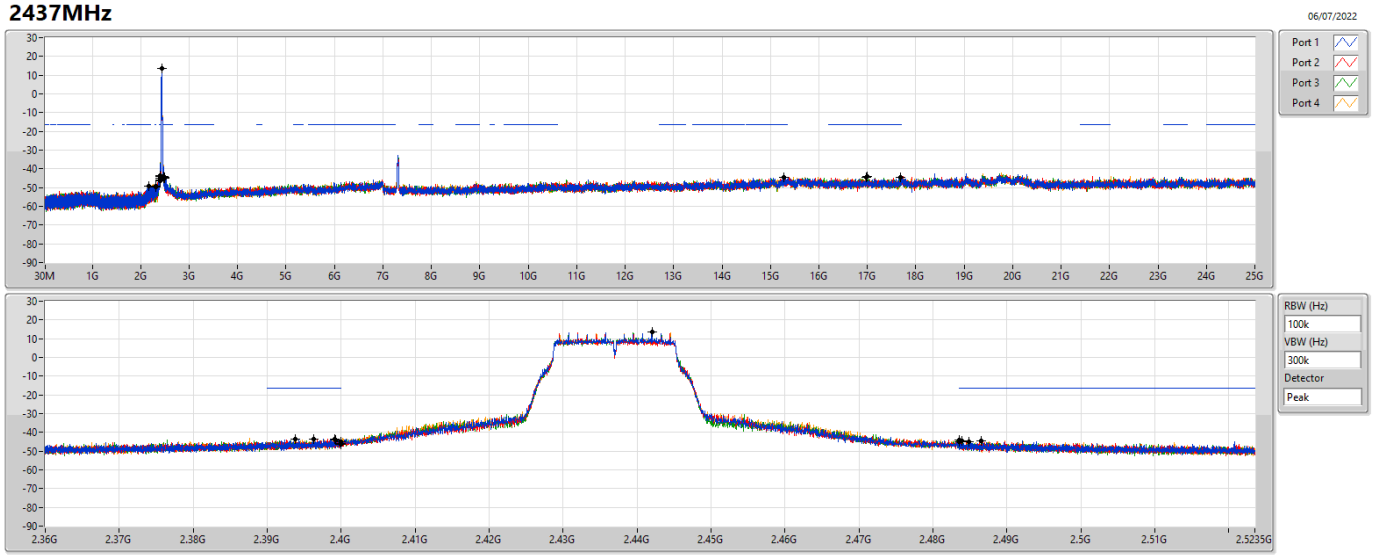
2412MHz



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
2.442G	13.45	-16.55	2.30787G	-51.14	2.39998G	-37.51	2.4G	-35.62	2.4841G	-48.35	7.23233G	-38.45	1
2.442G	13.45	-16.55	2.30233G	-50.58	2.4G	-38.70	2.4G	-36.25	2.48564G	-48.25	7.23514G	-38.48	2
2.442G	13.45	-16.55	2.30991G	-50.17	2.39992G	-36.88	2.4G	-37.95	2.48712G	-48.62	7.22952G	-39.36	3
2.442G	13.45	-16.55	2.18234G	-50.70	2.4G	-37.06	2.4G	-38.06	2.49694G	-48.73	7.22952G	-39.34	4

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

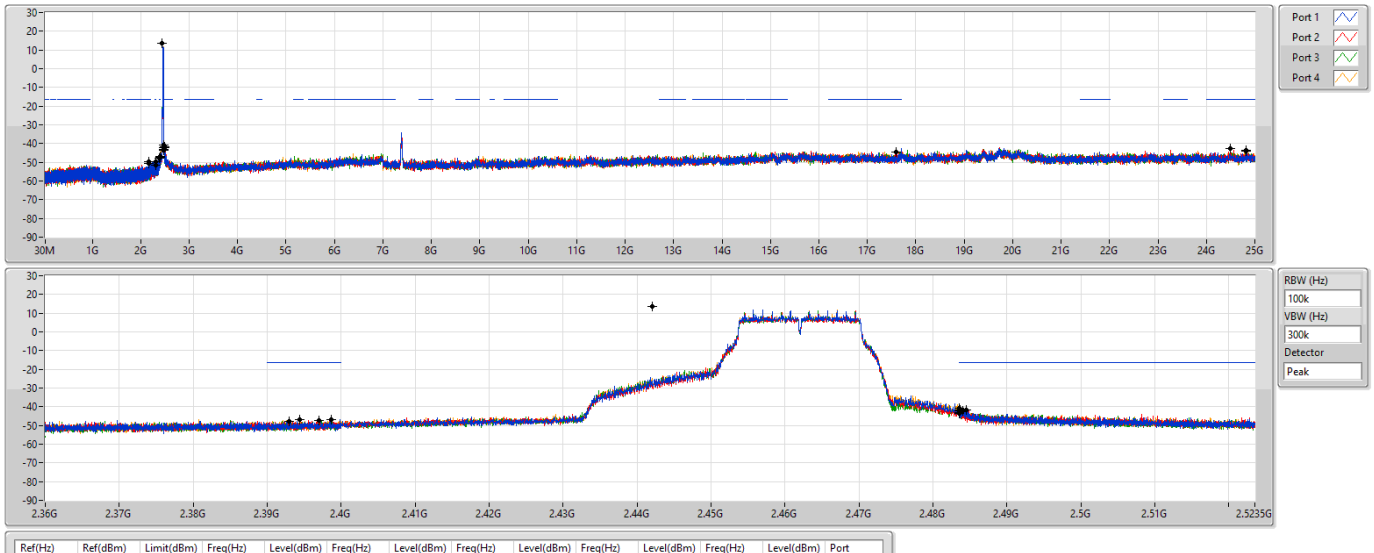
2437MHz



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
2.442G	13.45	-16.55	2.30845G	-49.27	2.39912G	-43.60	2.4G	-46.00	2.48388G	-44.69	15.27891G	-44.35	1
2.442G	13.45	-16.55	2.30874G	-49.50	2.3963G	-43.52	2.4G	-46.37	2.48656G	-44.67	17.00118G	-44.19	2
2.442G	13.45	-16.55	2.30292G	-49.21	2.39376G	-43.61	2.4G	-45.12	2.4849G	-44.97	17.68952G	-44.44	3
2.442G	13.45	-16.55	2.1602G	-48.99	2.3993G	-44.07	2.4835G	-44.90	2.48354G	-44.03	16.97589G	-44.31	4

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

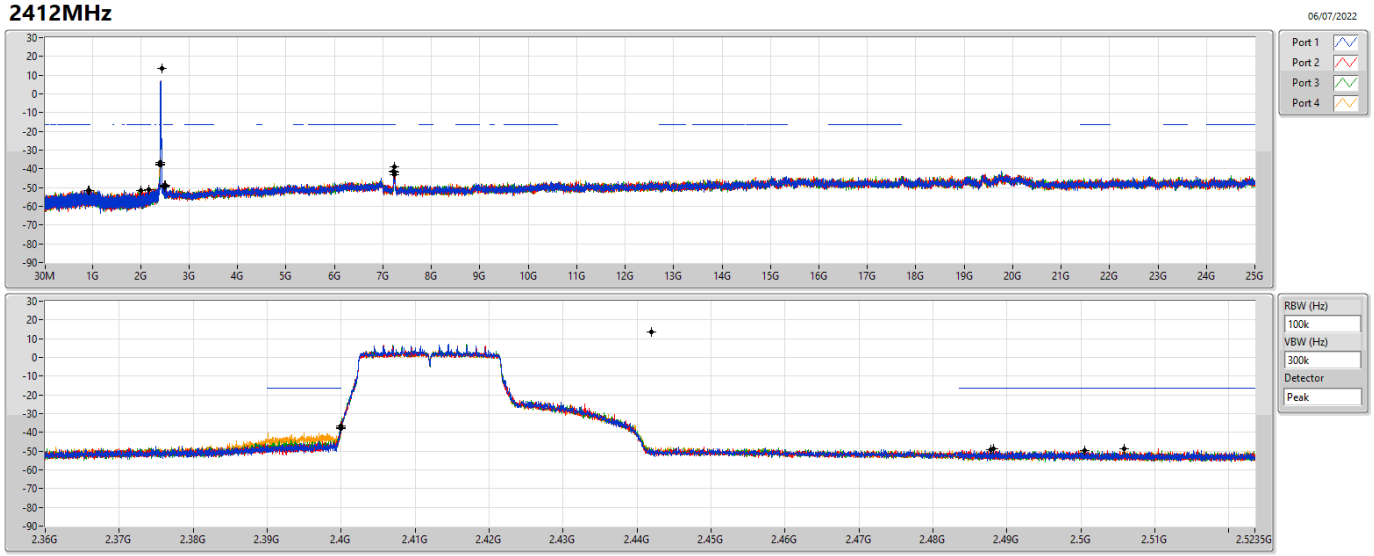
2462MHz



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
2.442G	13.45	-16.55	2.30903G	-51.41	2.39442G	-46.67	2.4835G	-42.32	2.48352G	-40.94	24.823G	-43.37	1
2.442G	13.45	-16.55	2.30816G	-49.64	2.39696G	-47.34	2.4835G	-43.32	2.48446G	-41.89	24.49428G	-42.59	2
2.442G	13.45	-16.55	2.15846G	-49.82	2.39296G	-47.81	2.4835G	-43.52	2.48406G	-42.32	17.58556G	-44.32	3
2.442G	13.45	-16.55	2.16079G	-50.74	2.3986G	-46.93	2.4835G	-43.47	2.48364G	-41.54	24.81457G	-44.28	4

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

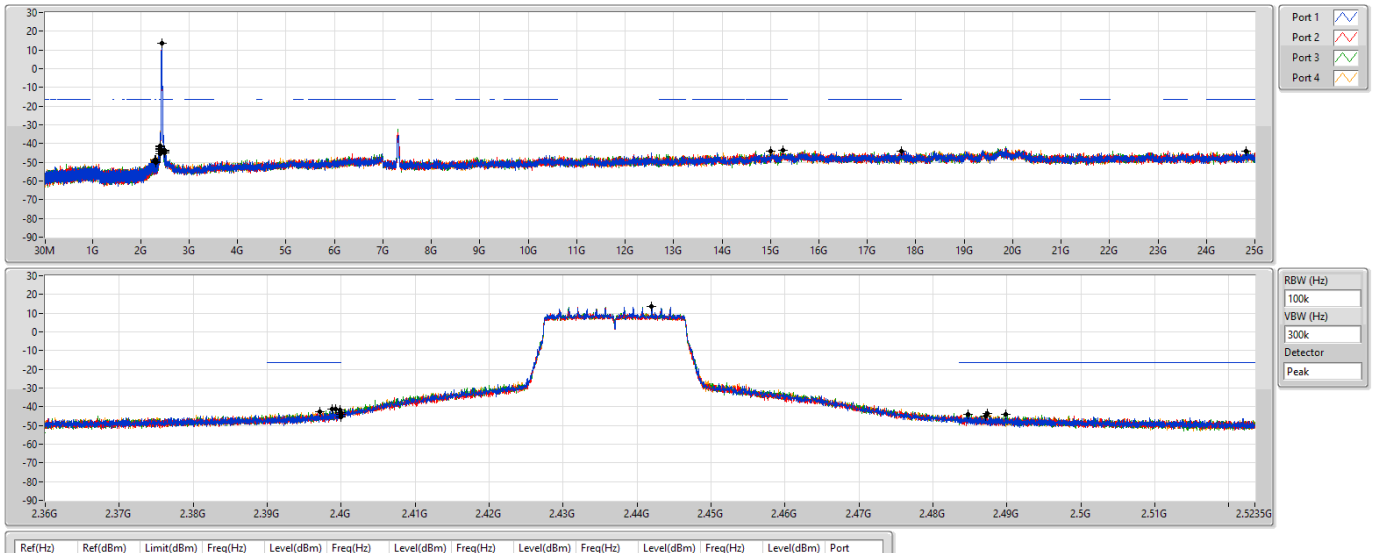
2412MHz



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
2.44196G	13.48	-16.52	2.01108G	-51.63	2.4G	-37.74	2.4G	-36.75	2.5058G	-48.87	7.23795G	-43.09	1
2.44196G	13.48	-16.52	2.17477G	-51.28	2.39998G	-37.42	2.4G	-37.78	2.48822G	-48.64	7.24076G	-41.86	2
2.44196G	13.48	-16.52	937.54M	-51.35	2.39992G	-37.38	2.4G	-36.64	2.50052G	-49.61	7.23514G	-38.85	3
2.44196G	13.48	-16.52	921.23M	-51.63	2.39998G	-37.30	2.4G	-37.50	2.48778G	-49.32	7.22671G	-41.05	4

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

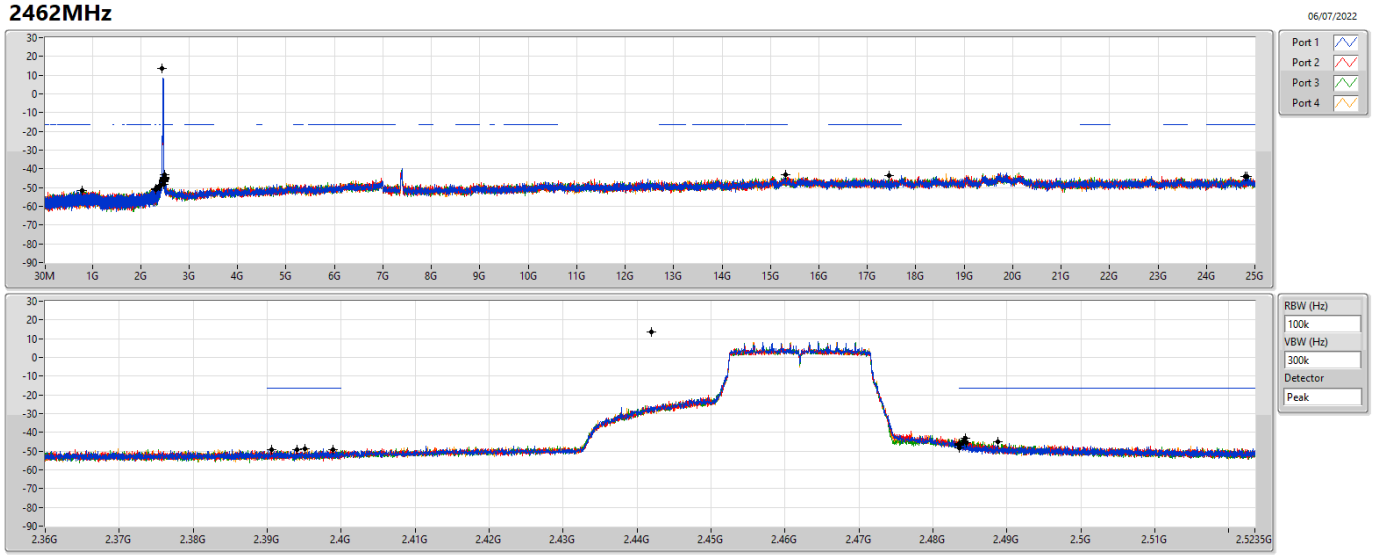
2437MHz



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
2.44196G	13.48	-16.52	2.30321G	-49.46	2.3993G	-41.20	2.4G	-43.83	2.4871G	-44.81	24.81176G	-44.13	1
2.44196G	13.48	-16.52	2.30088G	-48.91	2.39988G	-41.68	2.4G	-45.43	2.48984G	-43.97	15.00358G	-43.87	2
2.44196G	13.48	-16.52	2.30816G	-50.20	2.39878G	-41.05	2.4G	-44.05	2.48472G	-44.05	15.25925G	-43.79	3
2.44196G	13.48	-16.52	2.30612G	-48.76	2.39712G	-42.63	2.4G	-43.02	2.48734G	-43.44	17.69514G	-44.02	4

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

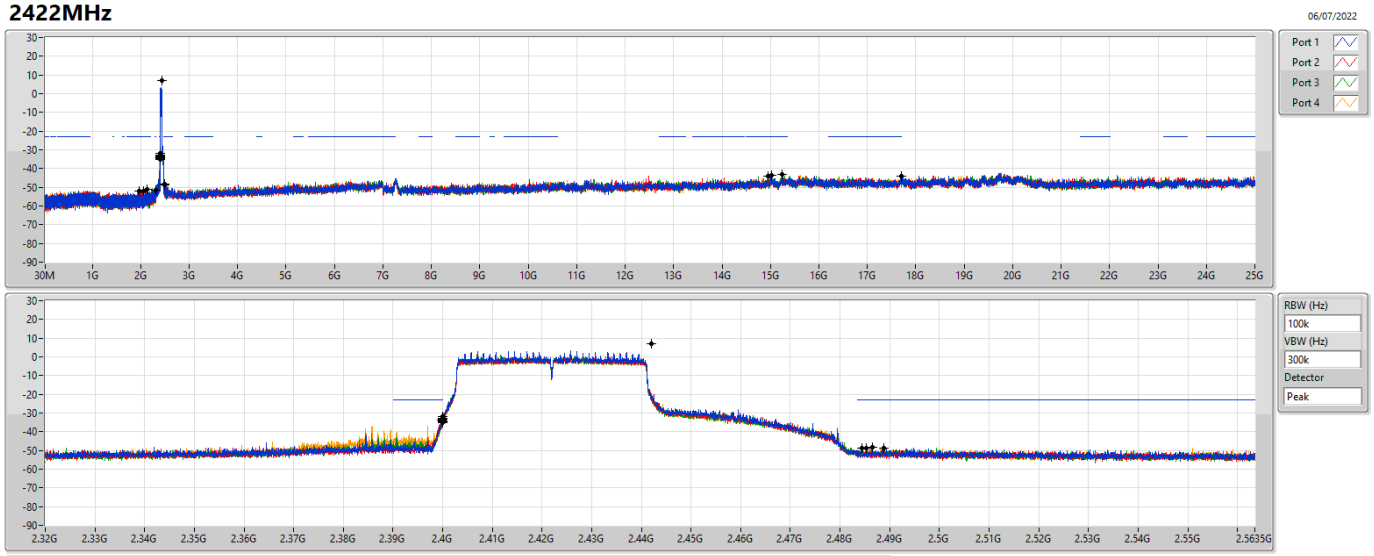
2462MHz



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
2.44196G	13.48	-16.52	2.30991G	-51.13	2.39512G	-48.81	2.4835G	-48.19	2.48452G	-45.46	24.80614G	-43.89	1
2.44196G	13.48	-16.52	798.61M	-51.51	2.39884G	-49.08	2.4835G	-46.47	2.4888G	-45.01	24.83985G	-44.13	2
2.44196G	13.48	-16.52	2.30641G	-50.65	2.39062G	-49.33	2.4835G	-45.78	2.48432G	-43.18	15.31263G	-43.20	3
2.44196G	13.48	-16.52	2.30466G	-51.14	2.394G	-49.07	2.4835G	-46.72	2.48418G	-44.58	17.44509G	-43.70	4

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

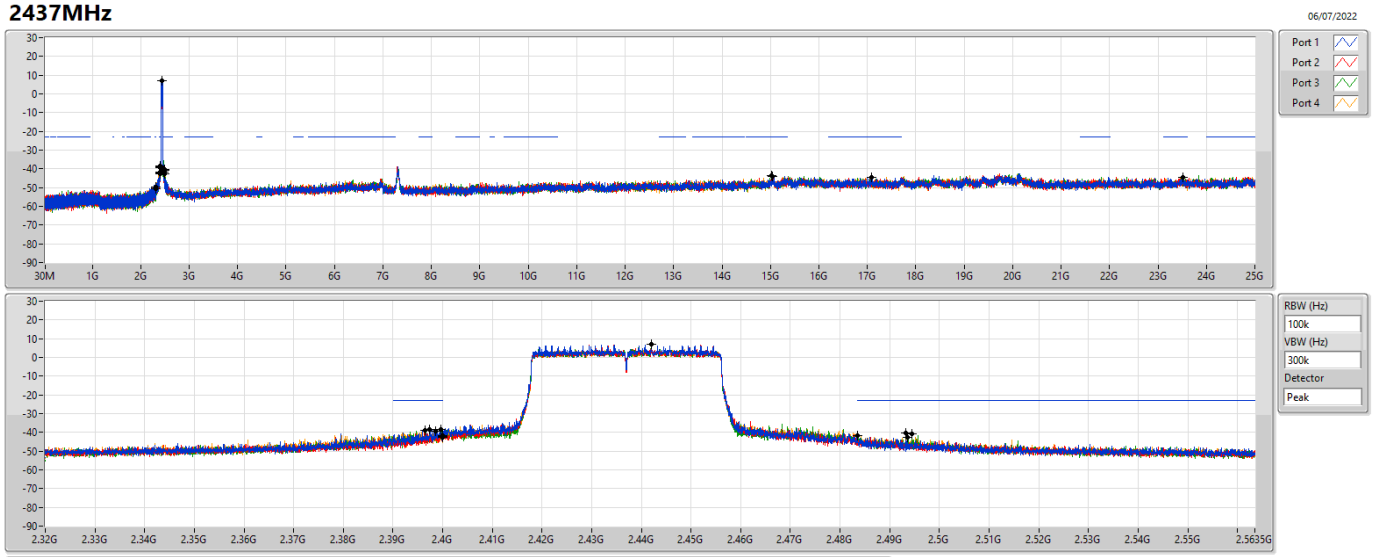
2422MHz



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
2.442G	6.80	-23.20	1.9765G	-52.04	2.4G	-33.24	2.4G	-31.82	2.48646G	-48.49	15.24854G	-43.25	1
2.442G	6.80	-23.20	2.13022G	-51.11	2.39996G	-32.72	2.4G	-35.08	2.48438G	-48.76	14.95686G	-43.91	2
2.442G	6.80	-23.20	2.05293G	-52.05	2.39996G	-34.52	2.4G	-34.35	2.48534G	-48.60	15.02698G	-43.74	3
2.442G	6.80	-23.20	2.30483G	-51.47	2.39988G	-33.89	2.4G	-34.88	2.48874G	-48.55	17.69411G	-43.90	4

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

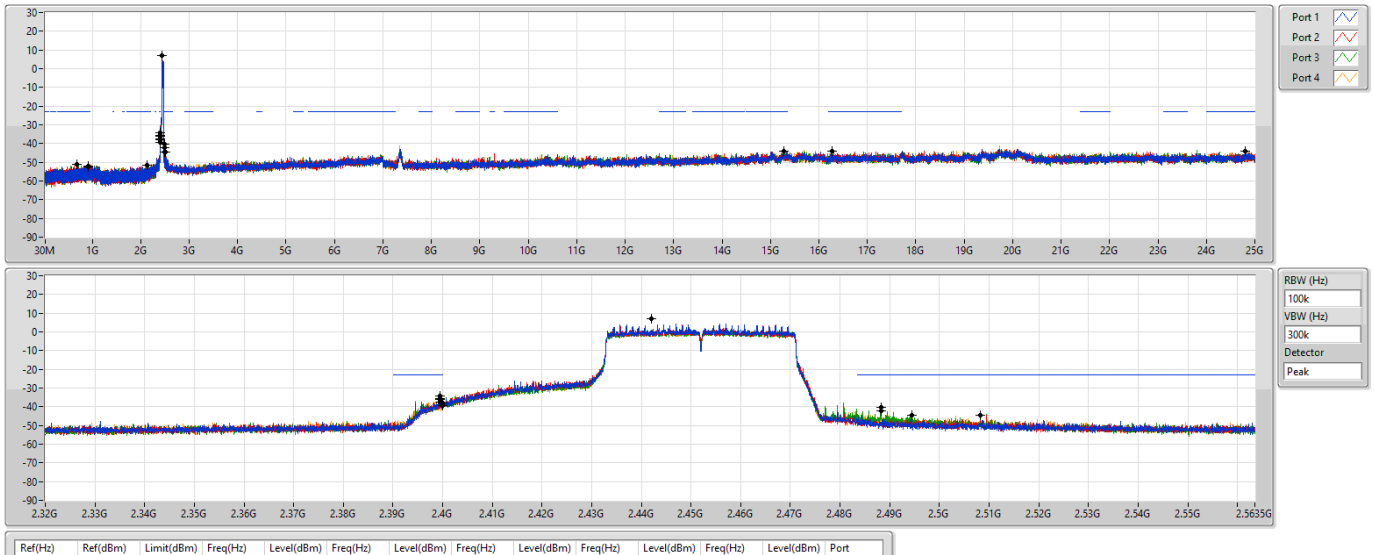
2437MHz



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
2.442G	6.80	-23.20	2.3054G	-49.53	2.39956G	-38.39	2.4G	-41.94	2.4935G	-42.48	15.02698G	-43.69	1
2.442G	6.80	-23.20	2.30569G	-50.51	2.3986G	-39.45	2.4G	-41.72	2.48354G	-41.92	17.08272G	-44.31	2
2.442G	6.80	-23.20	2.30626G	-49.50	2.39652G	-39.09	2.4G	-42.63	2.4945G	-40.57	15.04941G	-43.87	3
2.442G	6.80	-23.20	2.30569G	-50.64	2.39728G	-38.58	2.4G	-42.29	2.49326G	-40.18	23.50797G	-44.43	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
2.442G	6.80	-23.20	922.53M	-52.03	2.39952G	-36.04	2.4G	-38.19	2.49446G	-44.42	24.80649G	-44.23	1
2.442G	6.80	-23.20	676.35M	-51.09	2.39952G	-35.64	2.4G	-38.03	2.50822G	-44.31	15.27378G	-43.96	2
2.442G	6.80	-23.20	2.13365G	-51.79	2.39944G	-37.42	2.4G	-39.15	2.48822G	-40.38	16.2694G	-43.87	3
2.442G	6.80	-23.20	908.22M	-52.28	2.39952G	-34.35	2.4G	-39.49	2.48822G	-42.28	16.27501G	-44.24	4

For beamforming mode
Summary

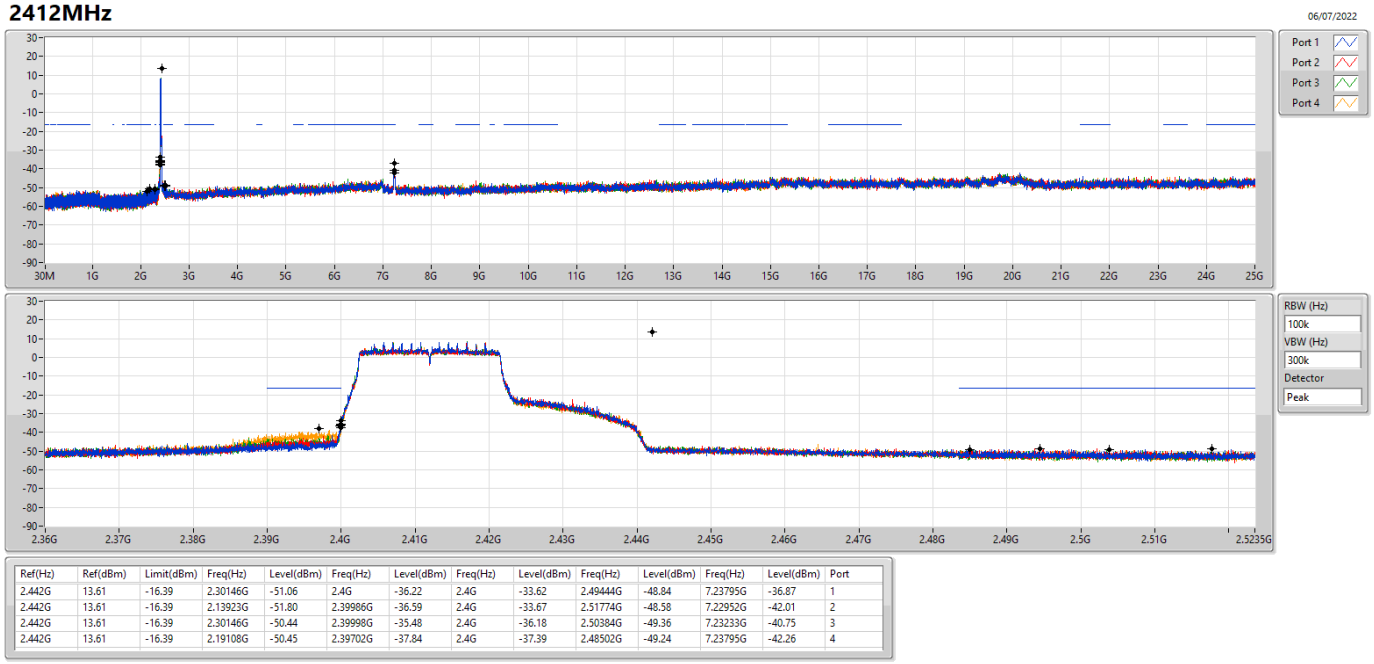
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	2.442G	13.61	-16.39	2.30146G	-51.06	2.4G	-36.22	2.4G	-33.62	2.49444G	-48.84	7.23795G	-36.87	1
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	Pass	2.43198G	7.21	-22.79	2.30884G	-49.81	2.4G	-28.49	2.4G	-29.64	2.48582G	-45.67	24.19509G	-45.86	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
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.442G	13.61	-16.39	2.30146G	-51.06	2.4G	-36.22	2.4G	-33.62	2.49444G	-48.84	7.23795G	-36.87	1
2412MHz	Pass	2.442G	13.61	-16.39	2.13923G	-51.80	2.39986G	-36.59	2.4G	-33.67	2.51774G	-48.58	7.22952G	-42.01	2
2412MHz	Pass	2.442G	13.61	-16.39	2.30146G	-50.44	2.39998G	-35.48	2.4G	-36.18	2.50384G	-49.36	7.23233G	-40.75	3
2412MHz	Pass	2.442G	13.61	-16.39	2.19108G	-50.45	2.39702G	-37.84	2.4G	-37.39	2.48502G	-49.24	7.23795G	-42.26	4
2417MHz															
2437MHz	Pass	2.442G	13.61	-16.39	2.19807G	-49.28	2.399G	-42.97	2.4G	-44.51	2.4903G	-44.62	15.31544G	-43.39	1
2437MHz	Pass	2.442G	13.61	-16.39	2.30845G	-49.77	2.39948G	-40.96	2.4G	-44.68	2.48356G	-43.86	17.69233G	-44.63	2
2437MHz	Pass	2.442G	13.61	-16.39	2.30874G	-50.97	2.39946G	-41.60	2.4G	-44.03	2.48548G	-44.51	17.69795G	-43.10	3
2437MHz	Pass	2.442G	13.61	-16.39	2.19457G	-49.31	2.39932G	-41.85	2.4G	-43.80	2.4855G	-43.70	15.03448G	-44.27	4
2457MHz															
2462MHz	Pass	2.442G	13.61	-16.39	2.30204G	-51.70	2.39308G	-47.15	2.4835G	-44.87	2.48424G	-42.21	24.49147G	-43.93	1
2462MHz	Pass	2.442G	13.61	-16.39	2.30437G	-50.82	2.39428G	-48.57	2.4835G	-44.70	2.48356G	-43.37	16.74551G	-44.37	2
2462MHz	Pass	2.442G	13.61	-16.39	2.13865G	-51.30	2.39822G	-48.56	2.4835G	-43.58	2.48382G	-43.00	24.46056G	-44.74	3
2462MHz	Pass	2.442G	13.61	-16.39	1.92575G	-51.91	2.39428G	-48.71	2.4835G	-42.85	2.48438G	-42.98	15.04572G	-44.28	4
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43198G	7.21	-22.79	2.30426G	-49.38	2.4G	-29.94	2.4G	-28.90	2.49954G	-45.14	6.96947G	-45.49	1
2422MHz	Pass	2.43198G	7.21	-22.79	2.30884G	-49.81	2.4G	-28.49	2.4G	-29.64	2.48582G	-45.67	24.19509G	-45.86	2
2422MHz	Pass	2.43198G	7.21	-22.79	2.30483G	-50.41	2.4G	-29.73	2.4G	-31.03	2.4995G	-44.82	15.18684G	-45.26	3
2422MHz	Pass	2.43198G	7.21	-22.79	2.3054G	-47.52	2.4G	-30.18	2.4G	-30.19	2.49954G	-43.87	16.44889G	-45.58	4
2437MHz	Pass	2.43198G	7.21	-22.79	2.18833G	-51.02	2.39956G	-38.84	2.4G	-42.04	2.4837G	-43.09	24.43067G	-45.33	1
2437MHz	Pass	2.43198G	7.21	-22.79	2.16943G	-50.40	2.39952G	-38.35	2.4835G	-43.75	2.4933G	-42.00	24.41104G	-45.74	2
2437MHz	Pass	2.43198G	7.21	-22.79	2.30798G	-50.77	2.39952G	-39.00	2.4G	-42.16	2.49326G	-42.93	24.49518G	-45.04	3
2437MHz	Pass	2.43198G	7.21	-22.79	2.30569G	-50.16	2.39956G	-37.71	2.4G	-40.62	2.48374G	-41.78	15.19525G	-44.82	4
2452MHz	Pass	2.43198G	7.21	-22.79	2.19978G	-49.72	2.39948G	-29.89	2.4G	-39.10	2.48446G	-38.90	15.09709G	-44.65	1
2452MHz	Pass	2.43198G	7.21	-22.79	2.19233G	-50.63	2.39956G	-32.44	2.4G	-38.37	2.50826G	-40.72	15.18123G	-45.16	2
2452MHz	Pass	2.43198G	7.21	-22.79	2.30426G	-50.59	2.39952G	-29.83	2.4G	-37.03	2.50822G	-38.77	21.84206G	-45.90	3
2452MHz	Pass	2.43198G	7.21	-22.79	2.30197G	-49.13	2.39956G	-31.47	2.4G	-37.59	2.48454G	-38.65	21.88694G	-46.10	4

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

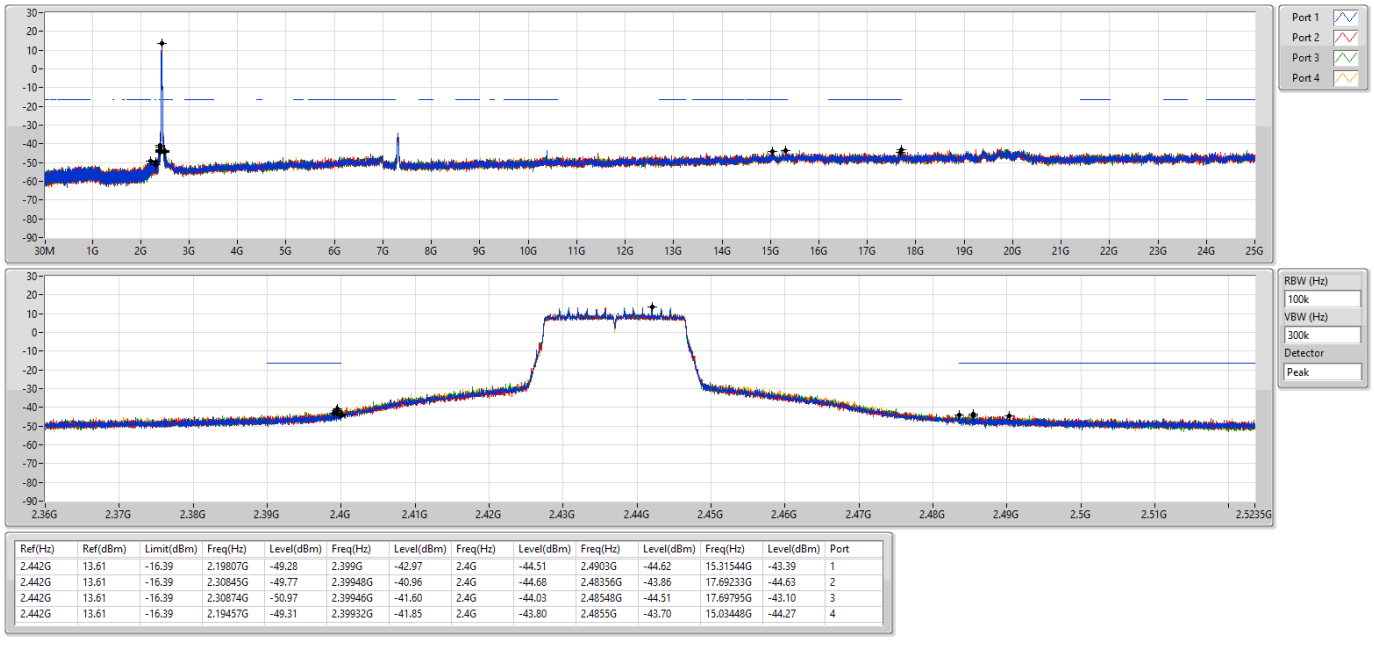
2412MHz



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
2.442G	13.61	-16.39	2.30146G	-51.06	2.4G	-36.22	2.4G	-33.62	2.49444G	-48.84	7.23795G	-36.87	1
2.442G	13.61	-16.39	2.13923G	-51.80	2.39986G	-36.59	2.4G	-33.67	2.51774G	-48.58	7.22952G	-42.01	2
2.442G	13.61	-16.39	2.30146G	-50.44	2.39998G	-35.48	2.4G	-36.18	2.50384G	-49.36	7.23233G	-40.75	3
2.442G	13.61	-16.39	2.19108G	-50.45	2.39702G	-37.84	2.4G	-37.39	2.48502G	-49.24	7.23795G	-42.26	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
2.442G	13.61	-16.39	2.19807G	-49.28	2.399G	-42.97	2.4G	-44.51	2.4903G	-44.62	15.31544G	-43.39	1
2.442G	13.61	-16.39	2.30845G	-49.77	2.39948G	-40.96	2.4G	-44.68	2.48356G	-43.86	17.69233G	-44.63	2
2.442G	13.61	-16.39	2.30874G	-50.97	2.39946G	-41.60	2.4G	-44.03	2.48548G	-44.51	17.69795G	-43.10	3
2.442G	13.61	-16.39	2.19457G	-49.31	2.39932G	-41.85	2.4G	-43.80	2.4855G	-43.70	15.03448G	-44.27	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
2.442G	13.61	-16.39	2.30204G	-51.70	2.39308G	-47.15	2.4835G	-44.87	2.48424G	-42.21	24.49147G	-43.93	1
2.442G	13.61	-16.39	2.30437G	-50.82	2.39428G	-48.57	2.4835G	-44.70	2.48356G	-43.37	16.74551G	-44.37	2
2.442G	13.61	-16.39	2.13865G	-51.30	2.39822G	-48.56	2.4835G	-43.58	2.48382G	-43.00	24.46056G	-44.74	3
2.442G	13.61	-16.39	1.92575G	-51.91	2.39428G	-48.71	2.4835G	-42.85	2.48438G	-42.98	15.04572G	-44.28	4

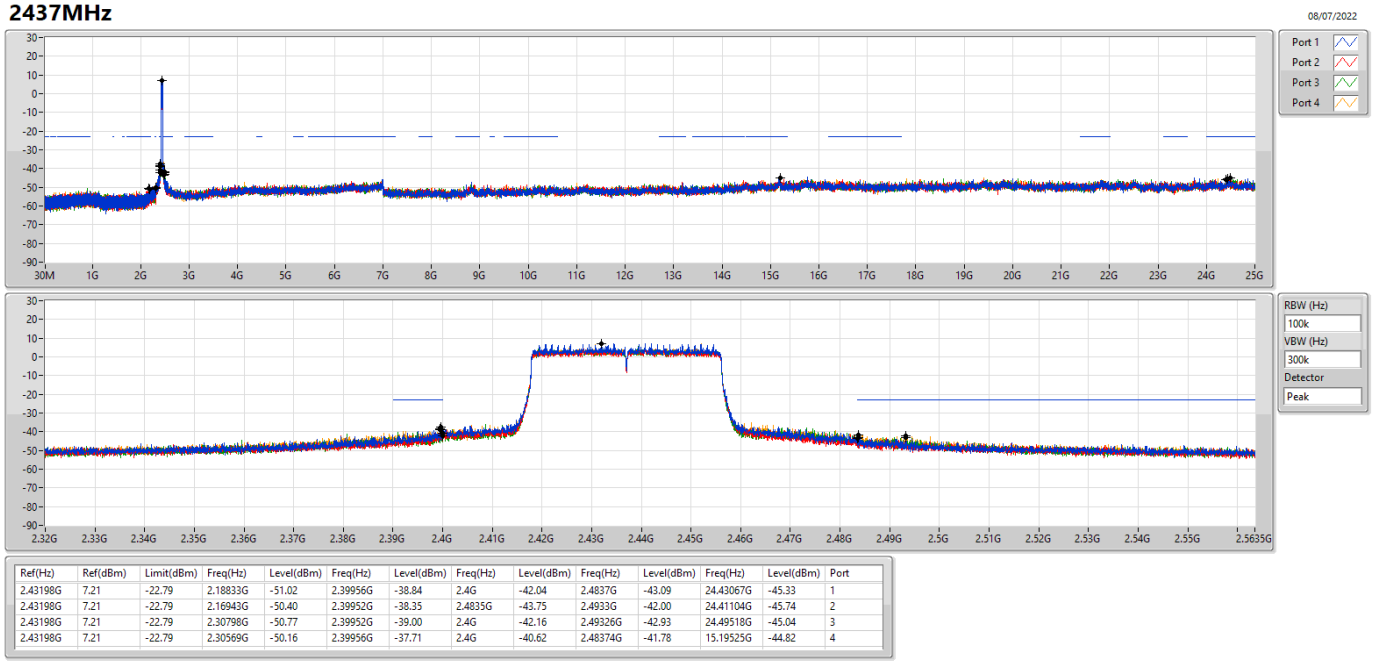
802.11ax HEW40-BF_Nss1,(MCS0)_4TX **CSENdB**

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
2.43198G	7.21	-22.79	2.30426G	-49.38	2.4G	-29.94	2.4G	-28.90	2.49954G	-45.14	6.96947G	-45.49	1
2.43198G	7.21	-22.79	2.30884G	-49.81	2.4G	-28.49	2.4G	-29.64	2.48582G	-45.67	24.19509G	-45.86	2
2.43198G	7.21	-22.79	2.30483G	-50.41	2.4G	-29.73	2.4G	-31.03	2.4995G	-44.82	15.18684G	-45.26	3
2.43198G	7.21	-22.79	2.3054G	-47.52	2.4G	-30.18	2.4G	-30.19	2.49954G	-43.87	16.44889G	-45.58	4

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

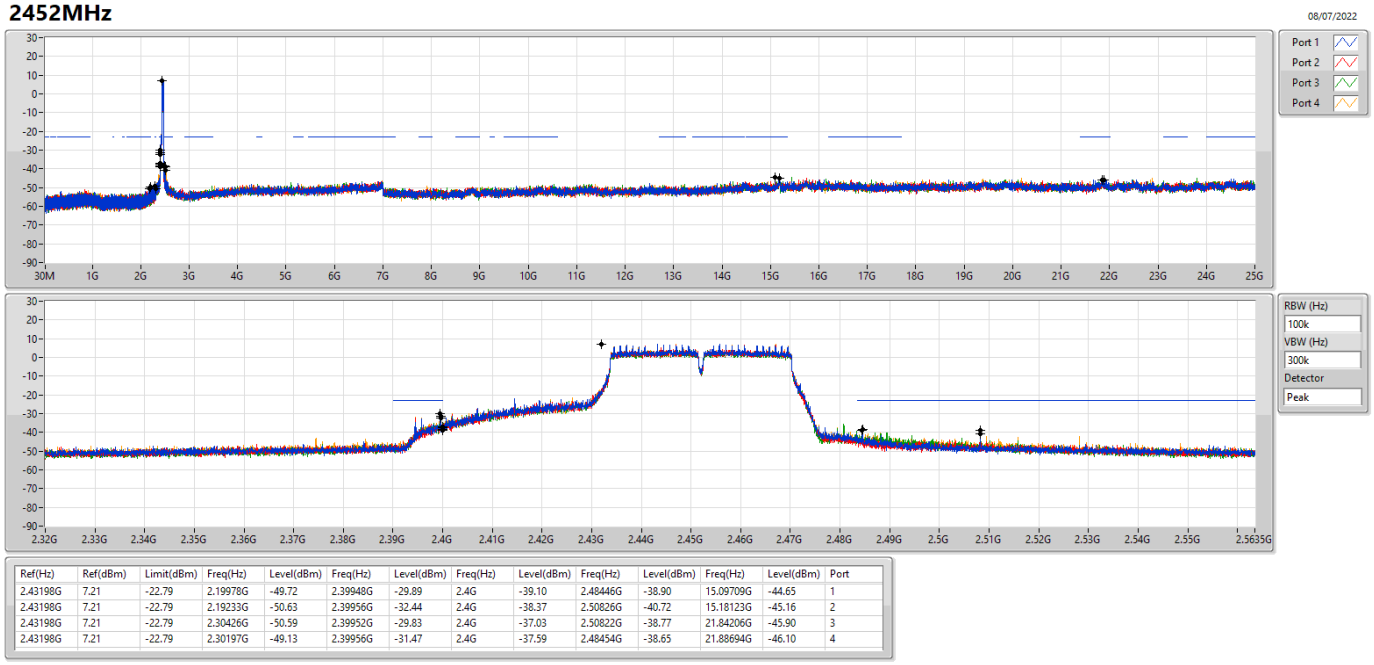
2437MHz



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
2.43198G	7.21	-22.79	2.18833G	-51.02	2.39956G	-38.84	2.4G	-42.04	2.4837G	-43.09	24.43067G	-45.33	1
2.43198G	7.21	-22.79	2.16943G	-50.40	2.39952G	-38.35	2.4835G	-43.75	2.4933G	-42.00	24.41104G	-45.74	2
2.43198G	7.21	-22.79	2.30798G	-50.77	2.39952G	-39.00	2.4G	-42.16	2.49326G	-42.93	24.49518G	-45.04	3
2.43198G	7.21	-22.79	2.30569G	-50.16	2.39956G	-37.71	2.4G	-40.62	2.48374G	-41.78	15.19525G	-44.82	4

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

2452MHz

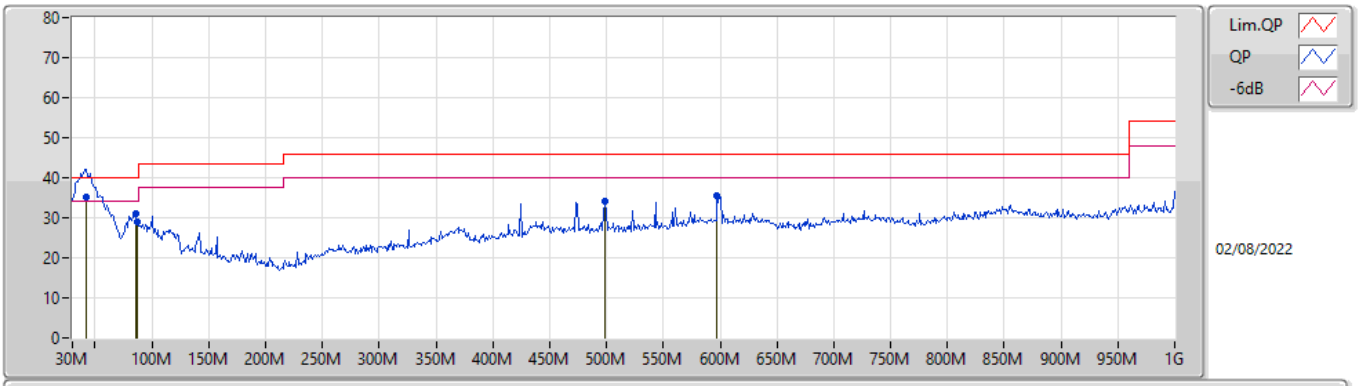


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43198G	7.21	-22.79	2.19978G	-49.72	2.39948G	-29.89	2.4G	-39.10	2.48446G	-38.90	15.09709G	-44.65	1
2.43198G	7.21	-22.79	2.19233G	-50.63	2.39956G	-32.44	2.4G	-38.37	2.50826G	-40.72	15.18123G	-45.16	2
2.43198G	7.21	-22.79	2.30426G	-50.59	2.39952G	-29.83	2.4G	-37.03	2.50822G	-38.77	21.84206G	-45.90	3
2.43198G	7.21	-22.79	2.30197G	-49.13	2.39956G	-31.47	2.4G	-37.59	2.48454G	-38.65	21.88694G	-46.10	4

Summary

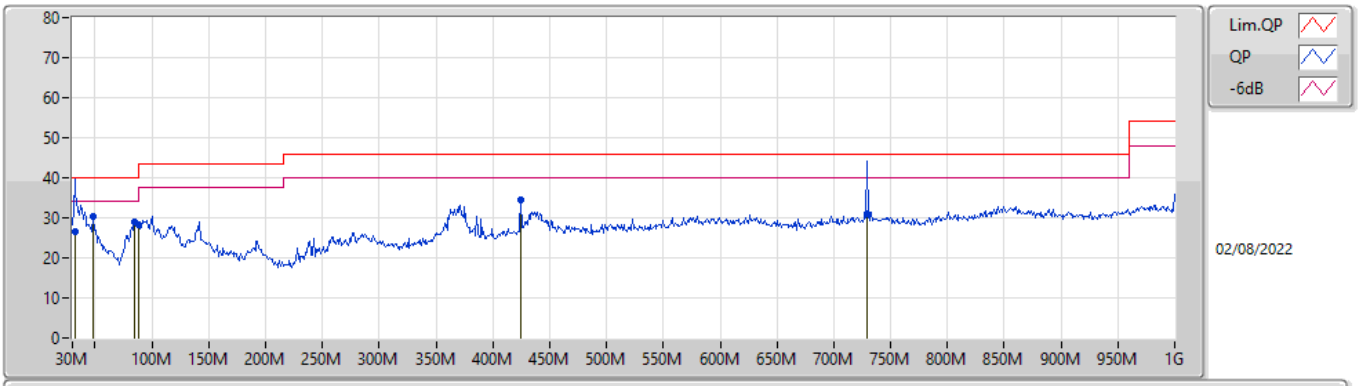
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	42.61M	35.21	40.00	-4.79	Vertical

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	42.61M	35.21	40.00	-4.79	-13.89	3	Vertical	33	1.00	"Worst"	49.10	16.70	1.60	32.19
PK	85.29M	31.17	40.00	-8.83	-16.54	3	Vertical	284	1.25	-	47.71	13.74	1.80	32.08
PK	87.23M	29.05	40.00	-10.95	-16.23	3	Vertical	0	1.50	-	45.28	14.05	1.80	32.08
PK	498.51M	34.27	46.00	-11.73	-6.14	3	Vertical	262	1.25	-	40.41	23.53	3.00	32.67
PK	597.45M	35.60	46.00	-10.40	-4.81	3	Vertical	280	1.25	-	40.41	24.95	3.10	32.86

Mode 2



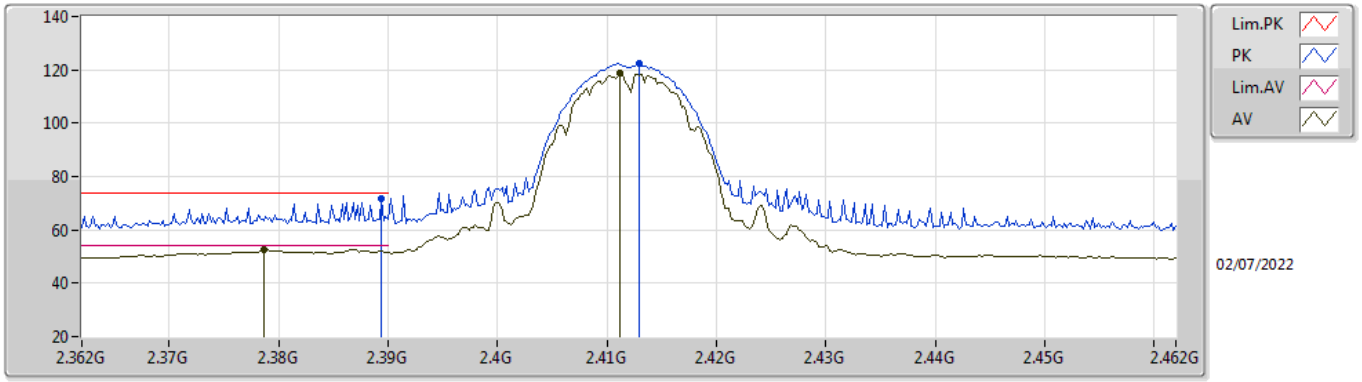
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	31.94M	26.61	40.00	-13.39	-8.04	3	Horizontal	23	1.00	"Worst"	34.65	22.59	1.54	32.17
PK	48.43M	30.27	40.00	-9.73	-16.38	3	Horizontal	319	1.00	-	46.65	14.22	1.60	32.20
PK	84.32M	29.01	40.00	-10.99	-16.79	3	Horizontal	243	2.00	-	45.80	13.50	1.80	32.09
PK	88M	28.34	43.50	-15.16	-16.06	3	Horizontal	285	2.00	-	44.40	14.21	1.80	32.07
PK	424.79M	34.55	46.00	-11.45	-7.13	3	Horizontal	60	1.00	-	41.68	22.46	2.90	32.49
QP	729.37M	31.10	46.00	-14.90	-4.00	3	Horizontal	156	1.50	-	35.10	25.89	3.46	33.35

For non-beamforming mode
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	53.99	54.00	-0.01	3	Vertical	80	1.85	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

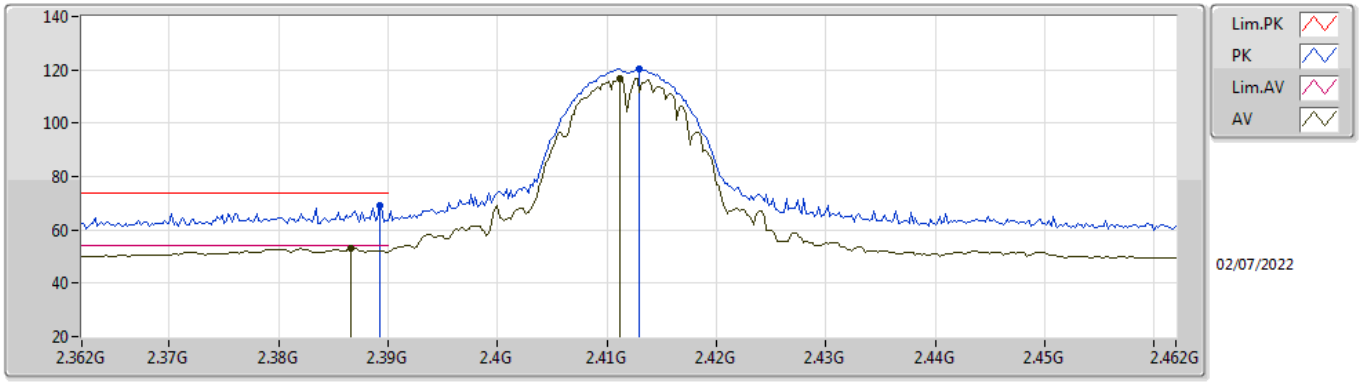


EUT Y_4TX
Setting 103
02-B-G-2

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	71.79	74.00	-2.21	40.62	3	Vertical	317	1.67	-	28.38	2.79	-
AV	2.3786G	52.50	54.00	-1.50	21.35	3	Vertical	317	1.67	-	28.36	2.79	-
PK	2.413G	122.31	Inf	-Inf	91.10	3	Vertical	317	1.67	-	28.40	2.81	-
AV	2.4112G	118.58	Inf	-Inf	87.37	3	Vertical	317	1.67	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

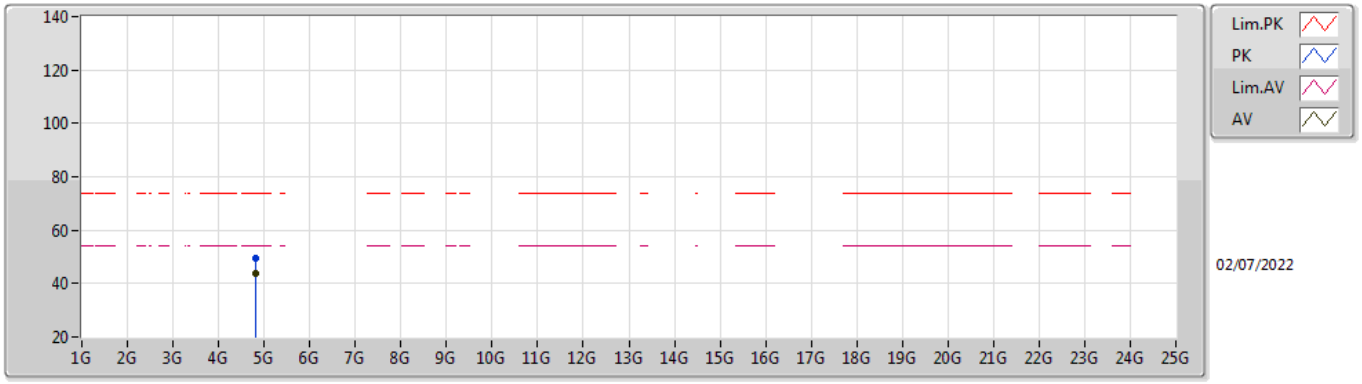


EUT Y_4TX
Setting 103
02-B-G-2

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	69.26	74.00	-4.74	38.09	3	Horizontal	108	1.75	-	28.38	2.79	-
AV	2.3866G	53.12	54.00	-0.88	21.96	3	Horizontal	108	1.75	-	28.37	2.79	-
PK	2.413G	120.47	Inf	-Inf	89.26	3	Horizontal	108	1.75	-	28.40	2.81	-
AV	2.4112G	116.71	Inf	-Inf	85.50	3	Horizontal	108	1.75	-	28.40	2.81	-

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

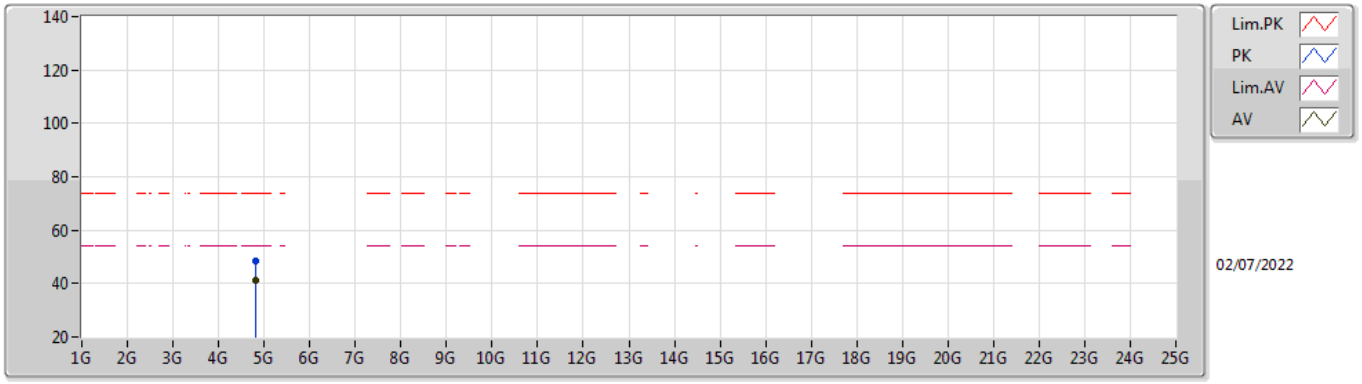


EUT Y_4TX
Setting 103
02-B-G-2

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	4.82412G	49.58	74.00	-24.42	43.76	3	Vertical	93	1.90	-	32.94	5.10	32.22
AV	4.82396G	43.82	54.00	-10.18	38.00	3	Vertical	93	1.90	-	32.94	5.10	32.22

802.11b_Nss1,(1Mbps)_4TX

2412MHz_TX

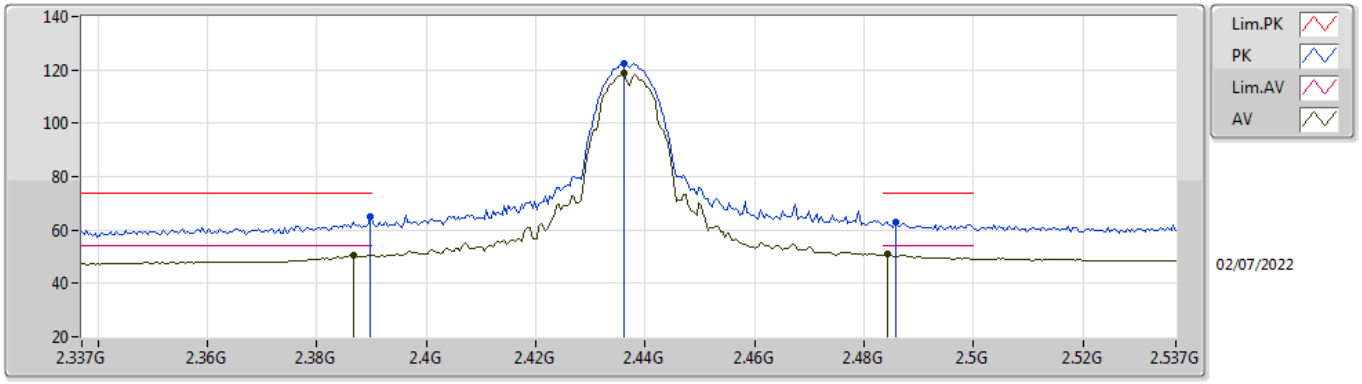


EUT Y_4TX
Setting 103
02-B-G-2

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	4.82394G	48.32	74.00	-25.68	42.50	3	Horizontal	153	1.80	-	32.94	5.10	32.22
AV	4.82397G	41.34	54.00	-12.66	35.52	3	Horizontal	153	1.80	-	32.94	5.10	32.22

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

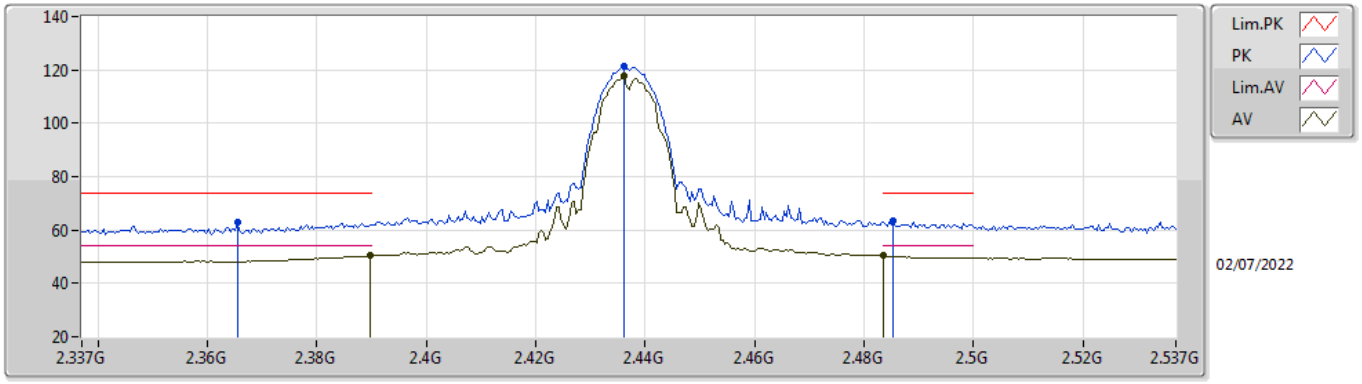


EUT Y_4TX
Setting 108
02-B-G-2

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	64.85	74.00	-9.15	33.68	3	Vertical	162	2.56	-	28.38	2.79	-
AV	2.3866G	50.54	54.00	-3.46	19.38	3	Vertical	162	2.56	-	28.37	2.79	-
PK	2.4362G	122.60	Inf	-Inf	91.36	3	Vertical	162	2.56	-	28.40	2.84	-
AV	2.4362G	118.89	Inf	-Inf	87.65	3	Vertical	162	2.56	-	28.40	2.84	-
PK	2.4858G	62.92	74.00	-11.08	31.49	3	Vertical	162	2.56	-	28.54	2.89	-
AV	2.4842G	50.90	54.00	-3.10	19.48	3	Vertical	162	2.56	-	28.54	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

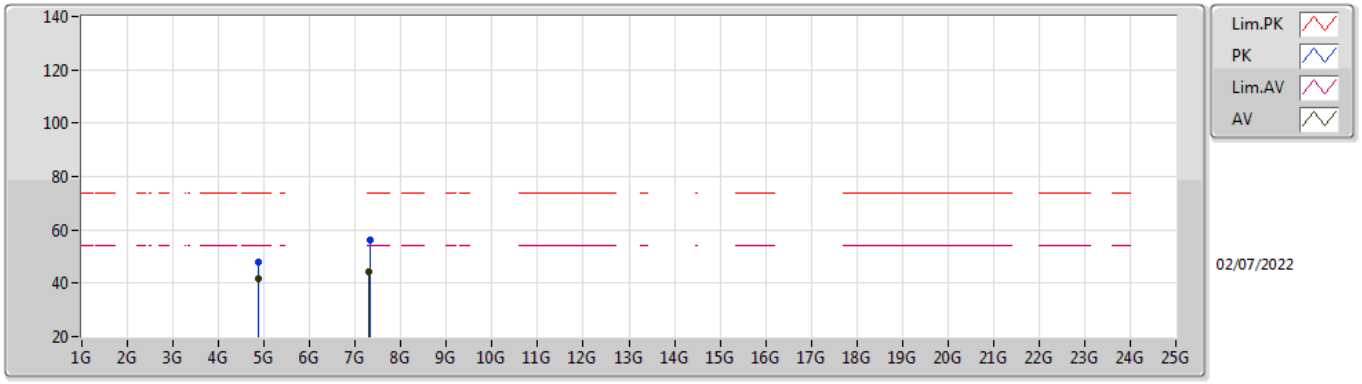


EUT Y_4TX
Setting 108
02-B-G-2

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	2.3654G	62.83	74.00	-11.17	31.72	3	Horizontal	266	1.62	-	28.33	2.78	-
AV	2.3898G	50.37	54.00	-3.63	19.20	3	Horizontal	266	1.62	-	28.38	2.79	-
PK	2.4362G	121.18	Inf	-Inf	89.94	3	Horizontal	266	1.62	-	28.40	2.84	-
AV	2.4362G	117.53	Inf	-Inf	86.29	3	Horizontal	266	1.62	-	28.40	2.84	-
PK	2.4854G	63.32	74.00	-10.68	31.89	3	Horizontal	266	1.62	-	28.54	2.89	-
AV	2.4835G	50.49	54.00	-3.51	19.08	3	Horizontal	266	1.62	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

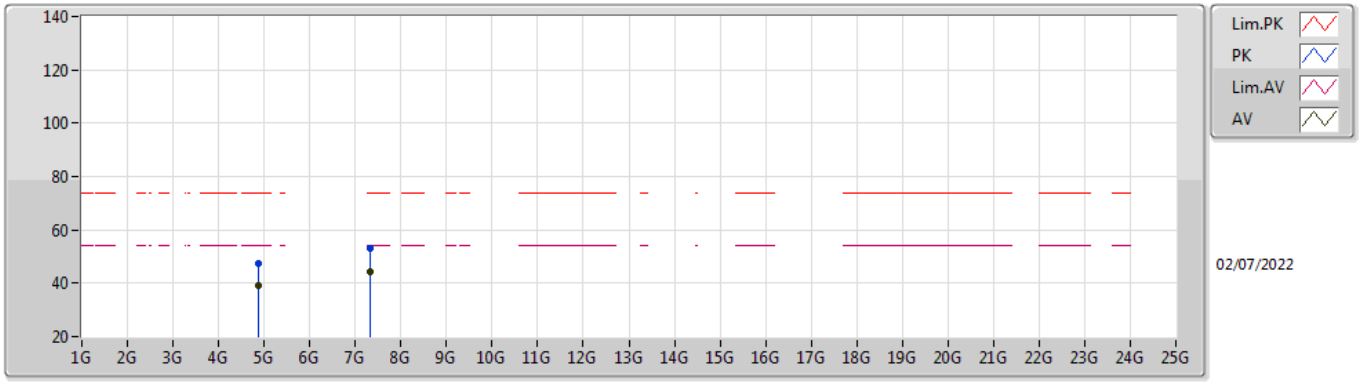


EUT Y_4TX
Setting 108
02-B-G-2

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	4.87398G	48.10	74.00	-25.90	42.06	3	Vertical	91	1.67	-	33.15	5.10	32.21
AV	4.87396G	41.67	54.00	-12.33	35.63	3	Vertical	91	1.67	-	33.15	5.10	32.21
PK	7.3121G	56.31	74.00	-17.69	46.55	3	Vertical	305	1.80	-	36.42	6.16	32.82
AV	7.3097G	44.34	54.00	-9.66	34.59	3	Vertical	305	1.80	-	36.42	6.15	32.82

802.11b_Nss1,(1Mbps)_4TX

2437MHz_TX

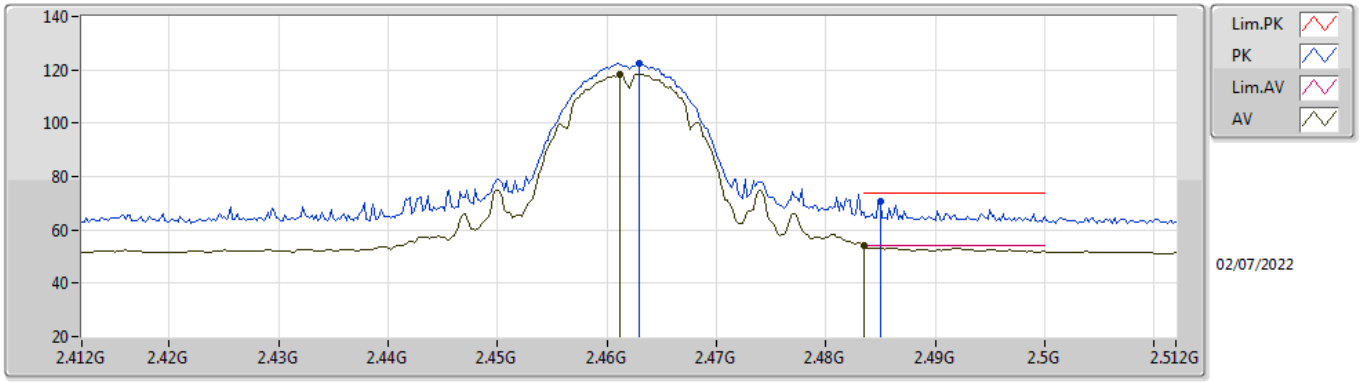


EUT Y_4TX
Setting 108
02-B-G-2

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	4.87387G	47.20	74.00	-26.80	41.16	3	Horizontal	167	1.80	-	33.15	5.10	32.21
AV	4.87398G	39.30	54.00	-14.70	33.26	3	Horizontal	167	1.80	-	33.15	5.10	32.21
PK	7.31028G	53.26	74.00	-20.74	43.50	3	Horizontal	300	1.81	-	36.42	6.16	32.82
AV	7.31026G	44.06	54.00	-9.94	34.30	3	Horizontal	300	1.81	-	36.42	6.16	32.82

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

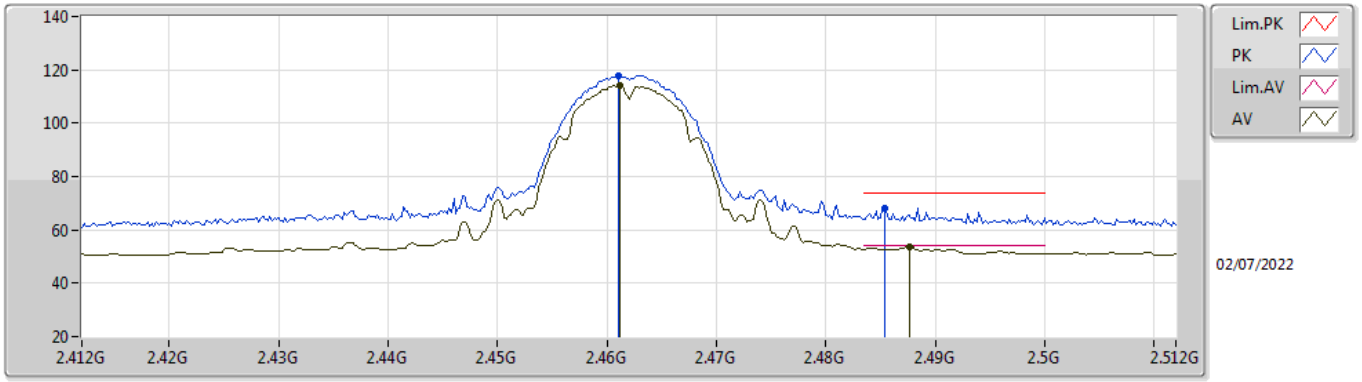


EUT Y_4TX
Setting 106
02-B-G-2

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	2.463G	122.42	Inf	-Inf	91.11	3	Vertical	87	1.85	-	28.45	2.86	-
AV	2.4612G	118.50	Inf	-Inf	87.20	3	Vertical	87	1.85	-	28.44	2.86	-
PK	2.485G	70.76	74.00	-3.24	39.33	3	Vertical	87	1.85	-	28.54	2.89	-
AV	2.4835G	53.97	54.00	-0.03	22.56	3	Vertical	87	1.85	-	28.53	2.88	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

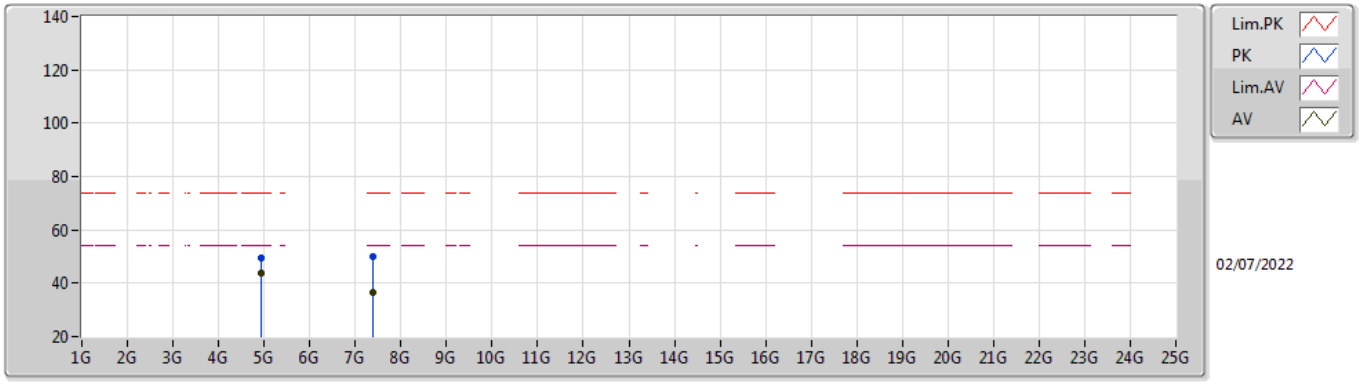


EUT Y_4TX
Setting 106
02-B-G-2

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	2.461G	117.96	Inf	-Inf	86.66	3	Horizontal	272	2.39	-	28.44	2.86	-
AV	2.4612G	114.25	Inf	-Inf	82.95	3	Horizontal	272	2.39	-	28.44	2.86	-
PK	2.4854G	68.17	74.00	-5.83	36.74	3	Horizontal	272	2.39	-	28.54	2.89	-
AV	2.4876G	53.52	54.00	-0.48	22.08	3	Horizontal	272	2.39	-	28.55	2.89	-

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

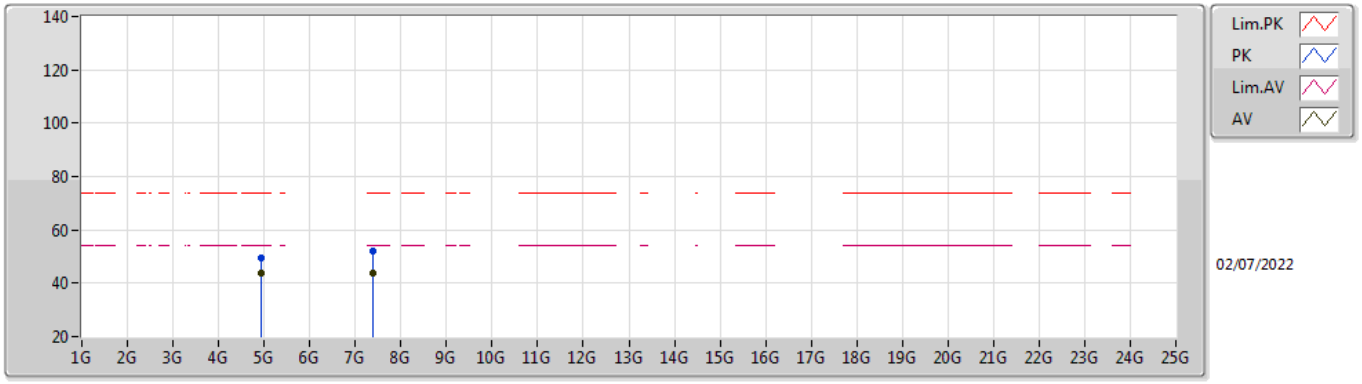


EUT Y_4TX
Setting 106
02-B-G-2

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	4.92376G	49.66	74.00	-24.34	43.50	3	Vertical	140	1.57	-	33.25	5.10	32.19
AV	4.92398G	43.64	54.00	-10.36	37.48	3	Vertical	140	1.57	-	33.25	5.10	32.19
PK	7.39018G	50.20	74.00	-23.80	40.46	3	Vertical	18	1.26	-	36.50	6.20	32.96
AV	7.38506G	36.71	54.00	-17.29	26.97	3	Vertical	18	1.26	-	36.50	6.19	32.95

802.11b_Nss1,(1Mbps)_4TX

2462MHz_TX

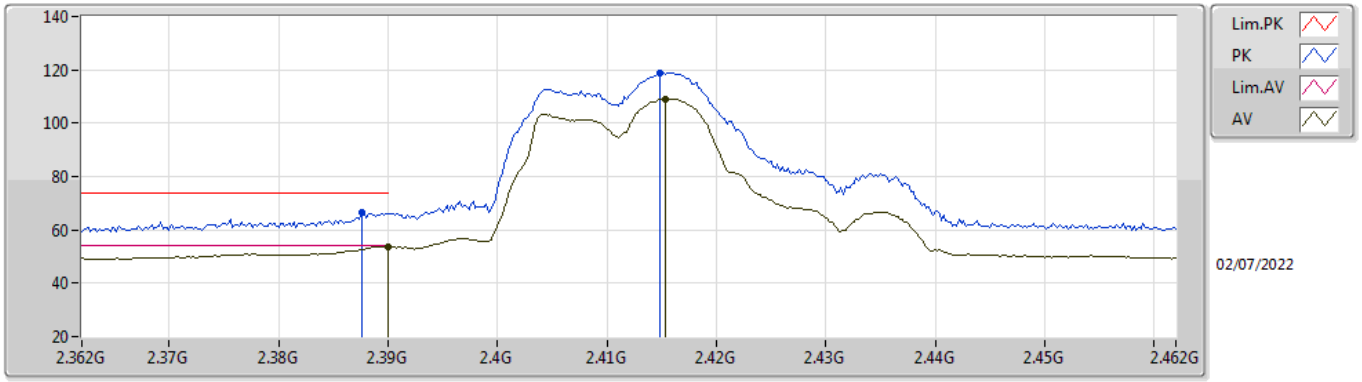


EUT Y_4TX
Setting 106
02-B-G-2

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	4.92426G	49.73	74.00	-24.27	43.57	3	Horizontal	192	1.38	-	33.25	5.10	32.19
AV	4.92394G	43.62	54.00	-10.38	37.46	3	Horizontal	192	1.38	-	33.25	5.10	32.19
PK	7.38306G	52.32	74.00	-21.68	42.58	3	Horizontal	28	2.16	-	36.50	6.19	32.95
AV	7.38474G	43.61	54.00	-10.39	33.87	3	Horizontal	28	2.16	-	36.50	6.19	32.95

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

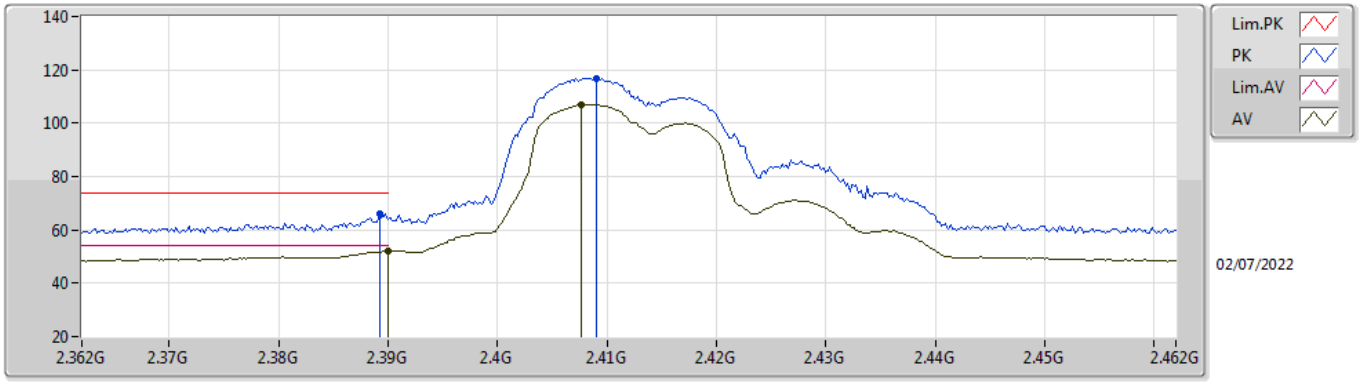


EUT Y_4TX
Setting 82
02-B-G-2

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	66.44	74.00	-7.56	35.27	3	Vertical	69	2.19	-	28.38	2.79	-
AV	2.39G	53.74	54.00	-0.26	22.57	3	Vertical	69	2.19	-	28.38	2.79	-
PK	2.4148G	118.86	Inf	-Inf	87.65	3	Vertical	69	2.19	-	28.40	2.81	-
AV	2.4154G	109.12	Inf	-Inf	77.90	3	Vertical	69	2.19	-	28.40	2.82	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

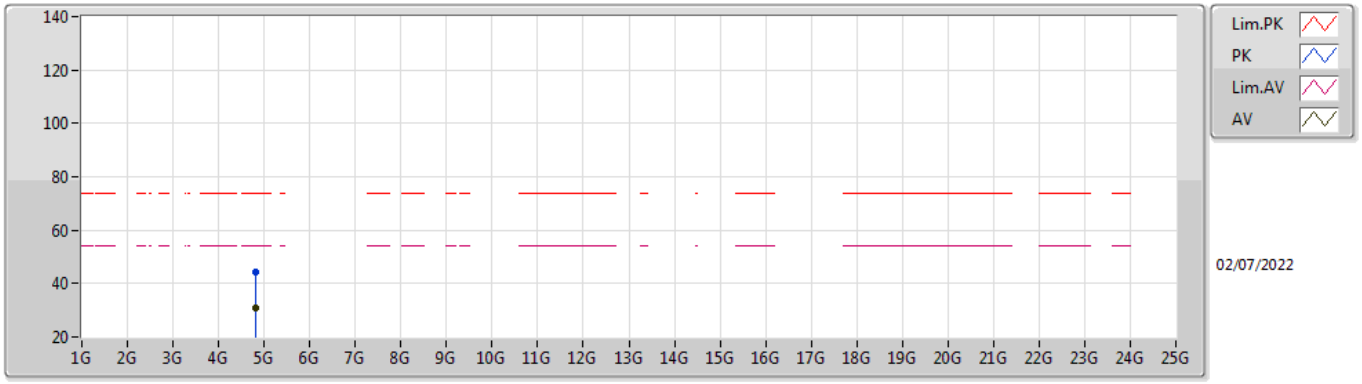


EUT Y_4TX
Setting 82
02-B-G-2

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	65.83	74.00	-8.17	34.66	3	Horizontal	144	1.98	-	28.38	2.79	-
AV	2.39G	52.03	54.00	-1.97	20.86	3	Horizontal	144	1.98	-	28.38	2.79	-
PK	2.409G	116.88	Inf	-Inf	85.67	3	Horizontal	144	1.98	-	28.40	2.81	-
AV	2.4076G	107.06	Inf	-Inf	75.85	3	Horizontal	144	1.98	-	28.40	2.81	-

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

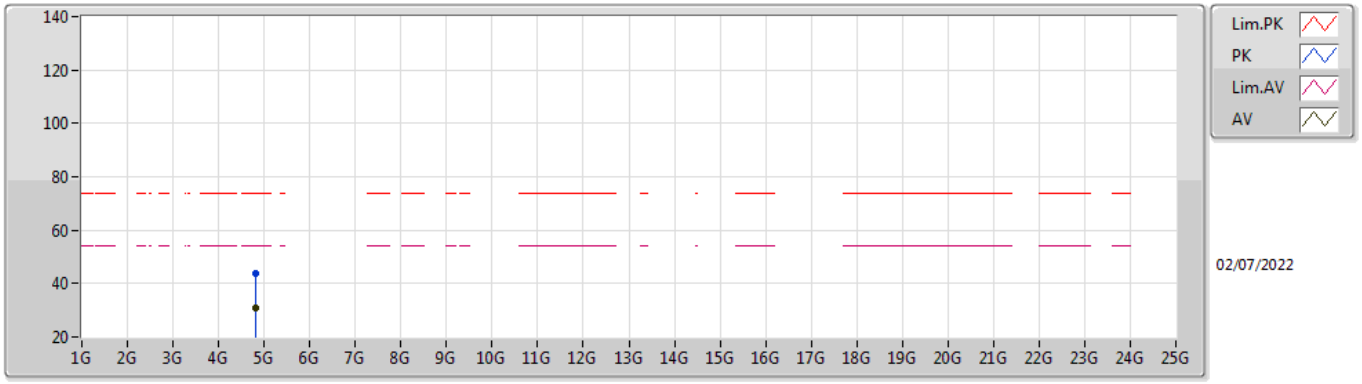


EUT Y_4TX
Setting 82
02-B-G-2

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	4.8203G	44.06	74.00	-29.94	38.26	3	Vertical	29	2.94	-	32.92	5.10	32.22
AV	4.8247G	30.88	54.00	-23.12	25.05	3	Vertical	29	2.94	-	32.95	5.10	32.22

802.11g_Nss1,(6Mbps)_4TX

2412MHz_TX

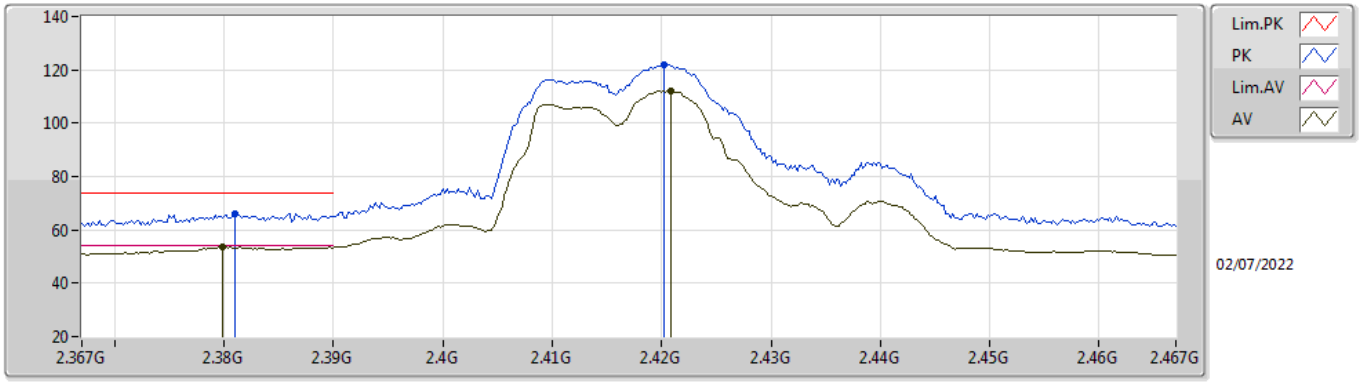


EUT Y_4TX
Setting 82
02-B-G-2

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	4.82596G	43.77	74.00	-30.23	37.93	3	Horizontal	280	2.46	-	32.96	5.10	32.22
AV	4.82134G	30.84	54.00	-23.16	25.03	3	Horizontal	280	2.46	-	32.93	5.10	32.22

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

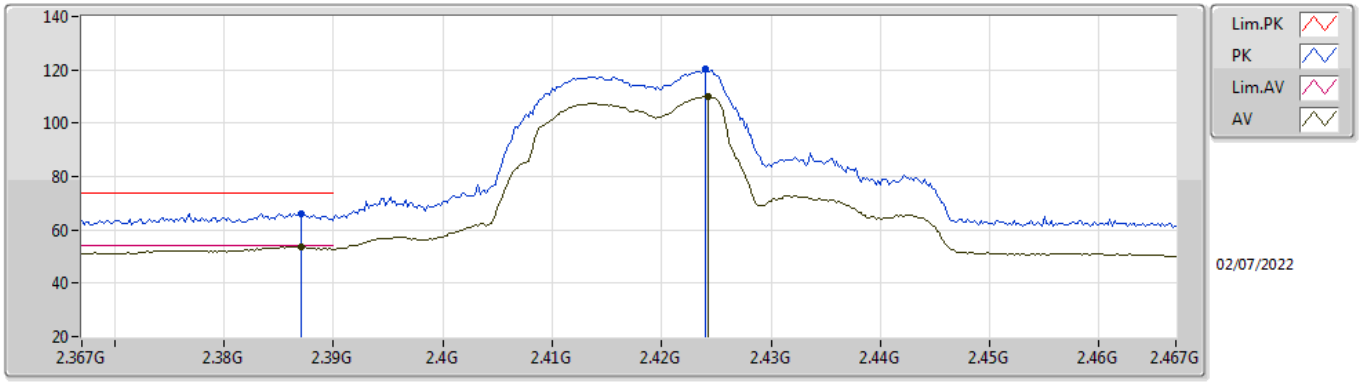


EUT Y_4TX
Setting 96
02-B-G-2

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	2.381G	66.16	74.00	-7.84	35.01	3	Vertical	69	2.32	-	28.36	2.79	-
AV	2.3798G	53.54	54.00	-0.46	22.39	3	Vertical	69	2.32	-	28.36	2.79	-
PK	2.4202G	121.67	Inf	-Inf	90.45	3	Vertical	69	2.32	-	28.40	2.82	-
AV	2.4208G	112.06	Inf	-Inf	80.84	3	Vertical	69	2.32	-	28.40	2.82	-

802.11g_Nss1,(6Mbps)_4TX

2417MHz_TX

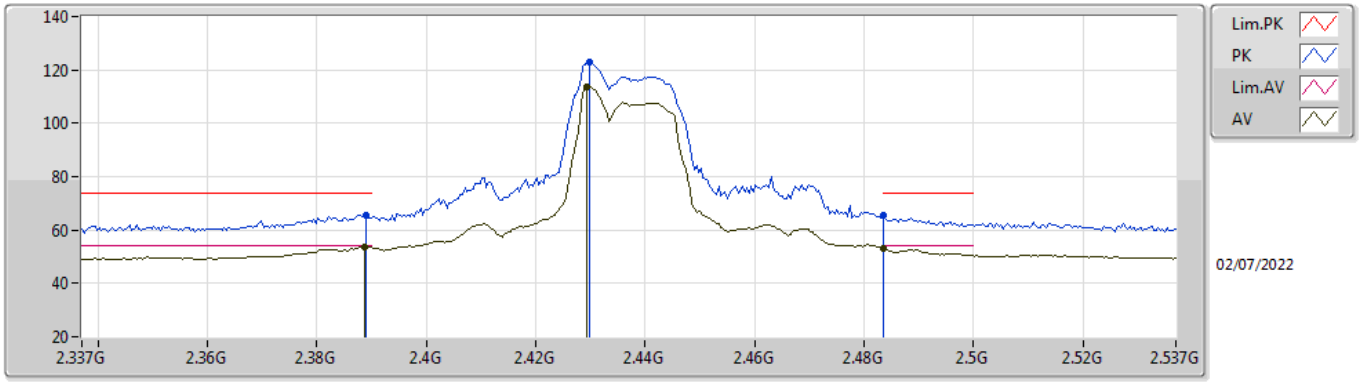


EUT Y_4TX
Setting 96
02-B-G-2

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	2.387G	66.16	74.00	-7.84	35.00	3	Horizontal	280	2.26	-	28.37	2.79	-
AV	2.387G	53.76	54.00	-0.24	22.60	3	Horizontal	280	2.26	-	28.37	2.79	-
PK	2.424G	120.25	Inf	-Inf	89.03	3	Horizontal	280	2.26	-	28.40	2.82	-
AV	2.4242G	110.09	Inf	-Inf	78.87	3	Horizontal	280	2.26	-	28.40	2.82	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

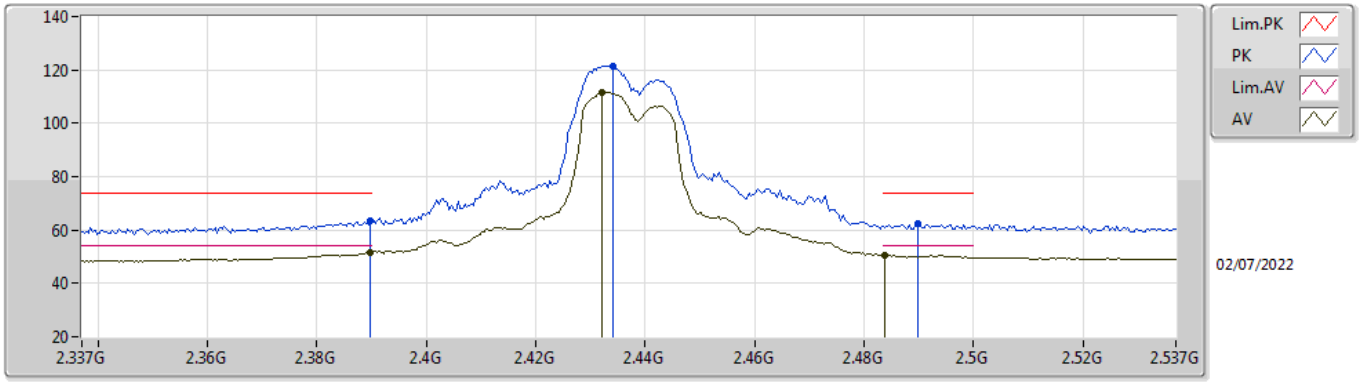


EUT Y_4TX
Setting 104
02-B-G-2

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	2.389G	65.61	74.00	-8.39	34.44	3	Vertical	291	1.83	-	28.38	2.79	-
AV	2.3886G	53.74	54.00	-0.26	22.57	3	Vertical	291	1.83	-	28.38	2.79	-
PK	2.4298G	123.15	Inf	-Inf	91.92	3	Vertical	291	1.83	-	28.40	2.83	-
AV	2.4294G	113.58	Inf	-Inf	82.35	3	Vertical	291	1.83	-	28.40	2.83	-
PK	2.4835G	65.76	74.00	-8.24	34.35	3	Vertical	291	1.83	-	28.53	2.88	-
AV	2.4835G	53.02	54.00	-0.98	21.61	3	Vertical	291	1.83	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

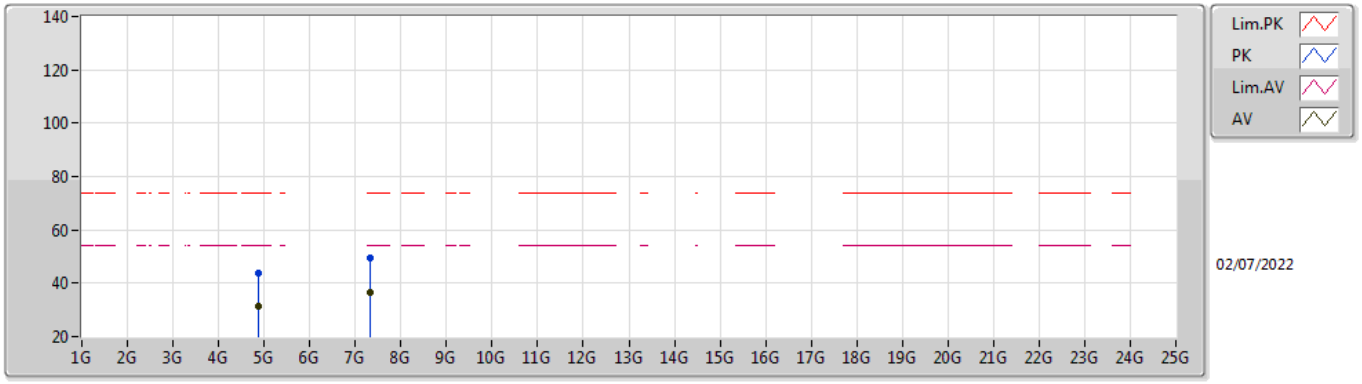


EUT Y_4TX
Setting 104
02-B-G-2

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	63.58	74.00	-10.42	32.41	3	Horizontal	146	1.92	-	28.38	2.79	-
AV	2.3898G	51.58	54.00	-2.42	20.41	3	Horizontal	146	1.92	-	28.38	2.79	-
PK	2.4342G	121.54	Inf	-Inf	90.31	3	Horizontal	146	1.92	-	28.40	2.83	-
AV	2.4322G	111.50	Inf	-Inf	80.27	3	Horizontal	146	1.92	-	28.40	2.83	-
PK	2.4898G	62.32	74.00	-11.68	30.87	3	Horizontal	146	1.92	-	28.56	2.89	-
AV	2.4838G	50.63	54.00	-3.37	19.21	3	Horizontal	146	1.92	-	28.54	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

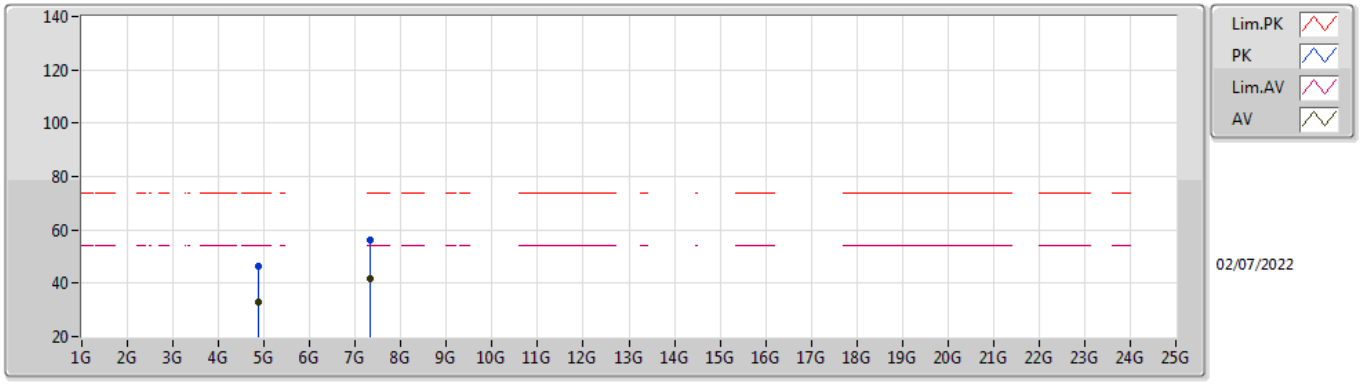


EUT Y_4TX
Setting 104
02-B-G-2

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	4.86972G	44.03	74.00	-29.97	38.00	3	Vertical	17	1.01	-	33.14	5.10	32.21
AV	4.87544G	31.24	54.00	-22.76	25.19	3	Vertical	17	1.01	-	33.15	5.10	32.20
PK	7.31028G	49.39	74.00	-24.61	39.63	3	Vertical	98	2.87	-	36.42	6.16	32.82
AV	7.31836G	36.65	54.00	-17.35	26.88	3	Vertical	98	2.87	-	36.44	6.16	32.83

802.11g_Nss1,(6Mbps)_4TX

2437MHz_TX

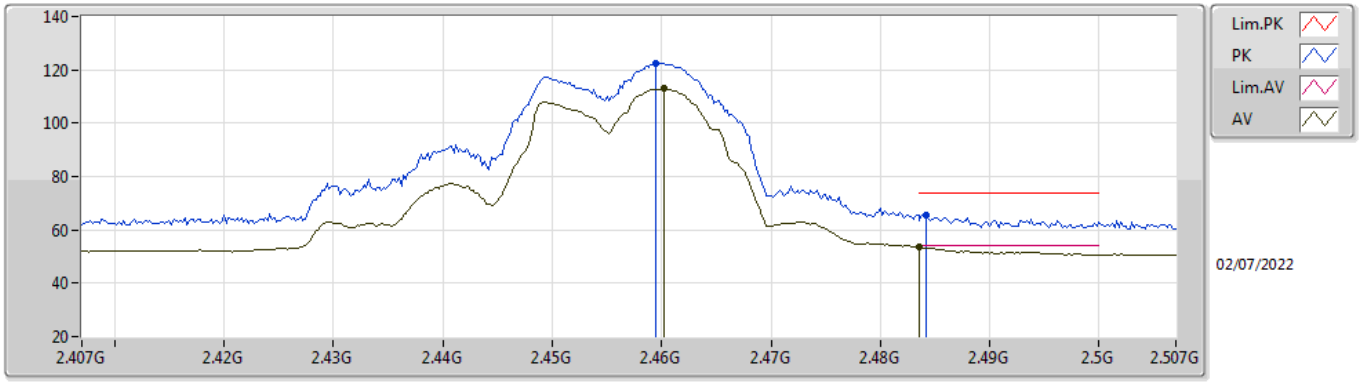


EUT Y_4TX
Setting 104
02-B-G-2

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	4.86968G	46.62	74.00	-27.38	40.59	3	Horizontal	347	1.51	-	33.14	5.10	32.21
AV	4.8698G	33.18	54.00	-20.82	27.15	3	Horizontal	347	1.51	-	33.14	5.10	32.21
PK	7.32044G	56.15	74.00	-17.85	46.39	3	Horizontal	231	2.65	-	36.44	6.16	32.84
AV	7.31564G	41.66	54.00	-12.34	31.90	3	Horizontal	231	2.65	-	36.43	6.16	32.83

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

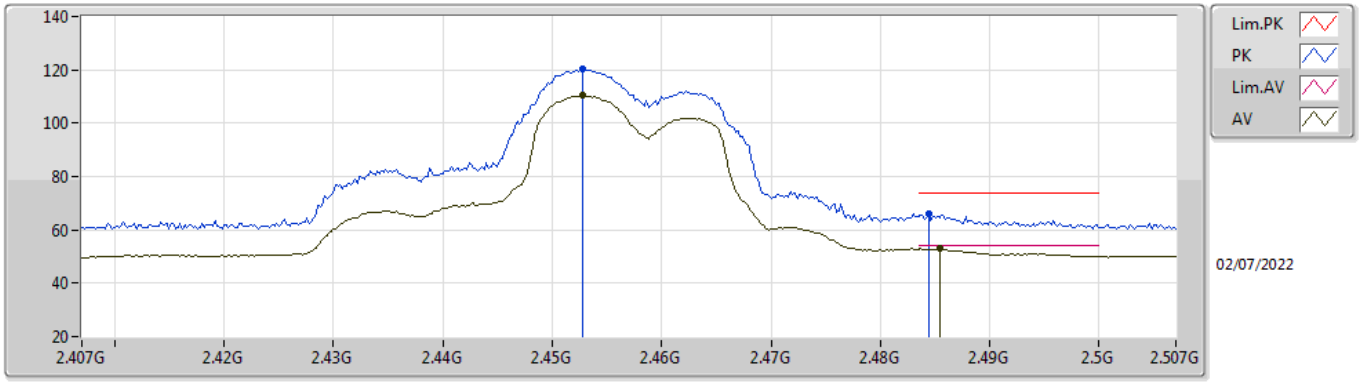


EUT Y_4TX
Setting 96
02-B-G-2

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	2.4594G	122.55	Inf	-Inf	91.25	3	Vertical	70	2.29	-	28.44	2.86	-
AV	2.4602G	112.96	Inf	-Inf	81.66	3	Vertical	70	2.29	-	28.44	2.86	-
PK	2.4842G	65.56	74.00	-8.44	34.14	3	Vertical	70	2.29	-	28.54	2.88	-
AV	2.4835G	53.67	54.00	-0.33	22.26	3	Vertical	70	2.29	-	28.53	2.88	-

802.11g_Nss1,(6Mbps)_4TX

2457MHz_TX

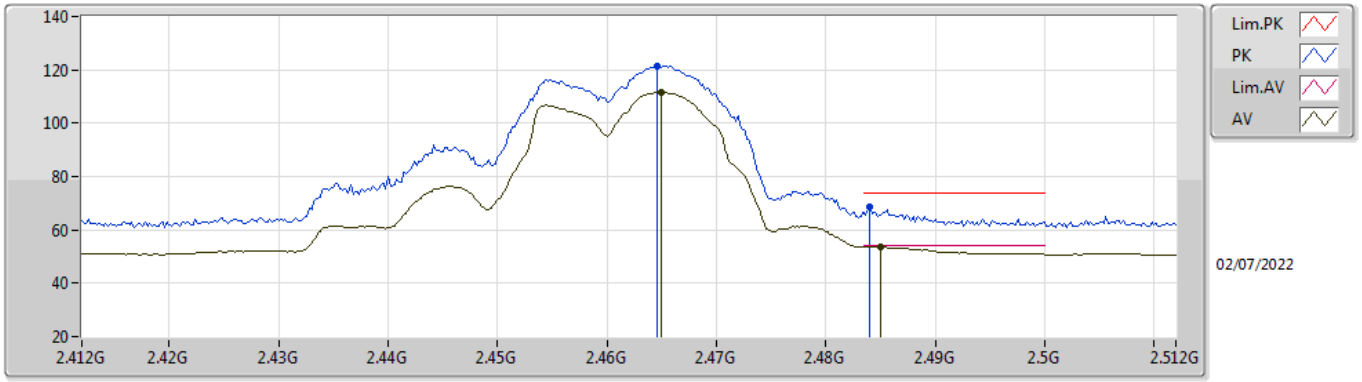


EUT Y_4TX
Setting 96
02-B-G-2

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	2.4528G	120.56	Inf	-Inf	89.30	3	Horizontal	143	2.03	-	28.41	2.85	-
AV	2.4528G	110.35	Inf	-Inf	79.09	3	Horizontal	143	2.03	-	28.41	2.85	-
PK	2.4844G	65.86	74.00	-8.14	34.44	3	Horizontal	143	2.03	-	28.54	2.88	-
AV	2.4854G	52.93	54.00	-1.07	21.50	3	Horizontal	143	2.03	-	28.54	2.89	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

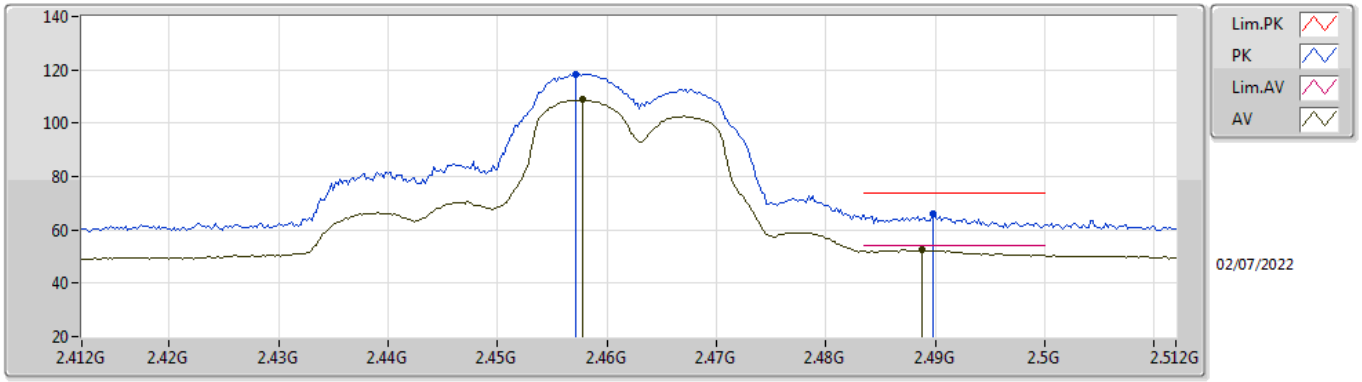


EUT Y_4TX
Setting 92
02-B-G-2

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	2.4646G	121.44	Inf	-Inf	90.12	3	Vertical	70	2.27	-	28.46	2.86	-
AV	2.465G	111.71	Inf	-Inf	80.39	3	Vertical	70	2.27	-	28.46	2.86	-
PK	2.484G	68.41	74.00	-5.59	36.99	3	Vertical	70	2.27	-	28.54	2.88	-
AV	2.485G	53.72	54.00	-0.28	22.29	3	Vertical	70	2.27	-	28.54	2.89	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

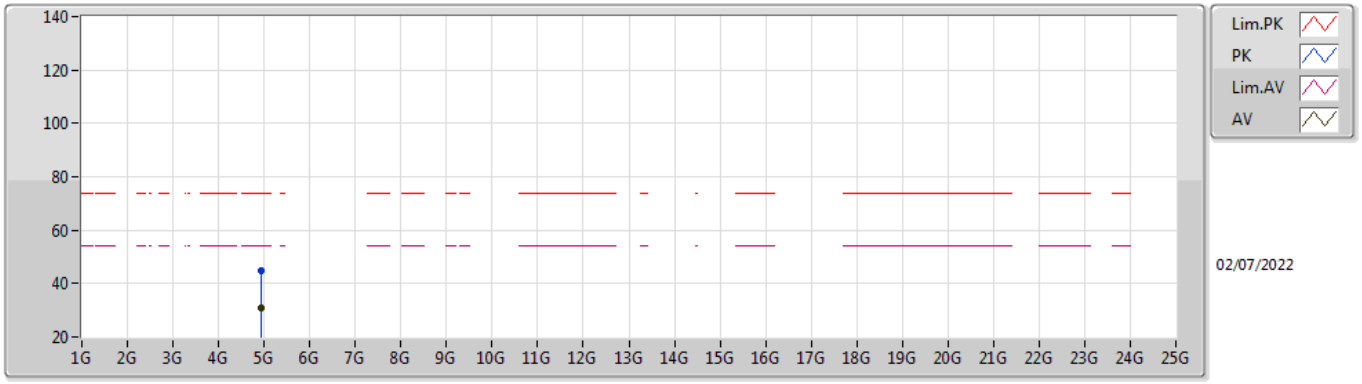


EUT Y_4TX
Setting 92
02-B-G-2

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	2.4572G	118.49	Inf	-Inf	87.20	3	Horizontal	137	1.90	-	28.43	2.86	-
AV	2.4578G	108.86	Inf	-Inf	77.57	3	Horizontal	137	1.90	-	28.43	2.86	-
PK	2.4898G	65.90	74.00	-8.10	34.45	3	Horizontal	137	1.90	-	28.56	2.89	-
AV	2.4888G	52.56	54.00	-1.44	21.11	3	Horizontal	137	1.90	-	28.56	2.89	-

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

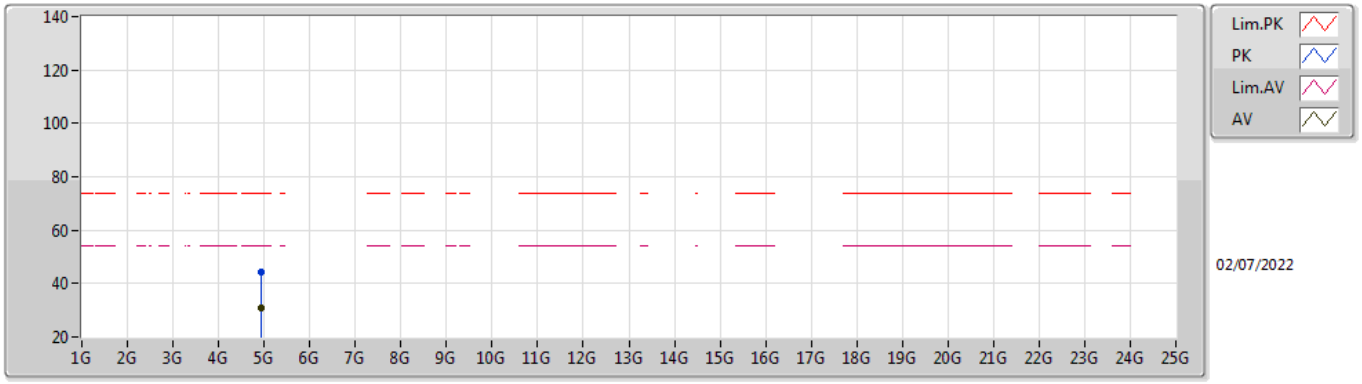


EUT Y_4TX
Setting 92
02-B-G-2

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	4.92322G	44.82	74.00	-29.18	38.66	3	Vertical	315	1.41	-	33.25	5.10	32.19
AV	4.92342G	30.97	54.00	-23.03	24.81	3	Vertical	315	1.41	-	33.25	5.10	32.19

802.11g_Nss1,(6Mbps)_4TX

2462MHz_TX

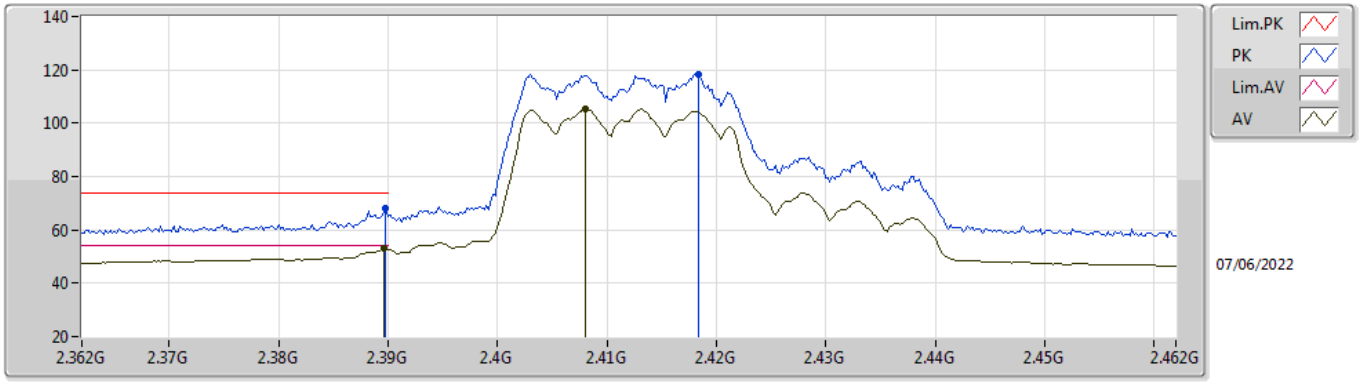


EUT Y_4TX
Setting 92
02-B-G-2

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	4.92366G	44.19	74.00	-29.81	38.03	3	Horizontal	265	1.76	-	33.25	5.10	32.19
AV	4.92568G	30.98	54.00	-23.02	24.82	3	Horizontal	265	1.76	-	33.25	5.10	32.19

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

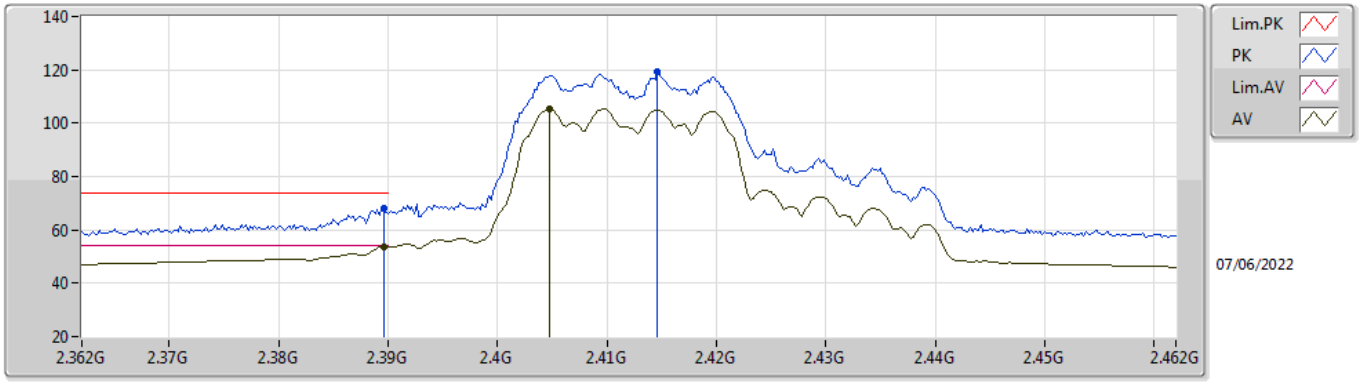


EUT Y_4TX
Setting 73
01-A-L-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	67.94	74.00	-6.06	36.58	3	Vertical	71	1.73	-	27.56	3.80	-
AV	2.3896G	53.04	54.00	-0.96	21.68	3	Vertical	71	1.73	-	27.56	3.80	-
PK	2.4184G	118.44	Inf	-Inf	87.07	3	Vertical	71	1.73	-	27.56	3.81	-
AV	2.408G	105.36	Inf	-Inf	73.98	3	Vertical	71	1.73	-	27.58	3.80	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

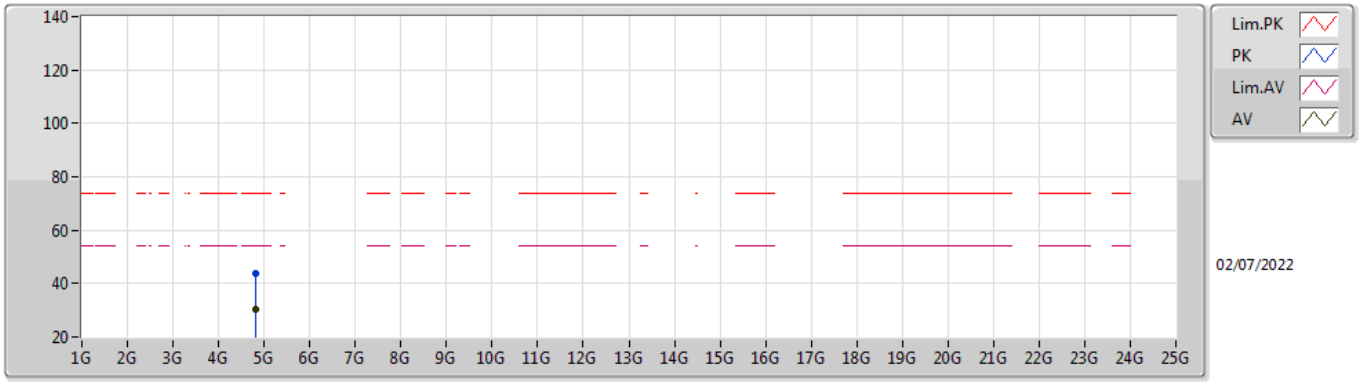


EUT Y_4TX
Setting 73
01-A-L-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	67.98	74.00	-6.02	36.62	3	Horizontal	285	2.35	-	27.56	3.80	-
AV	2.3896G	53.71	54.00	-0.29	22.35	3	Horizontal	285	2.35	-	27.56	3.80	-
PK	2.4146G	119.17	Inf	-Inf	87.79	3	Horizontal	285	2.35	-	27.57	3.81	-
AV	2.4048G	105.32	Inf	-Inf	73.93	3	Horizontal	285	2.35	-	27.59	3.80	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

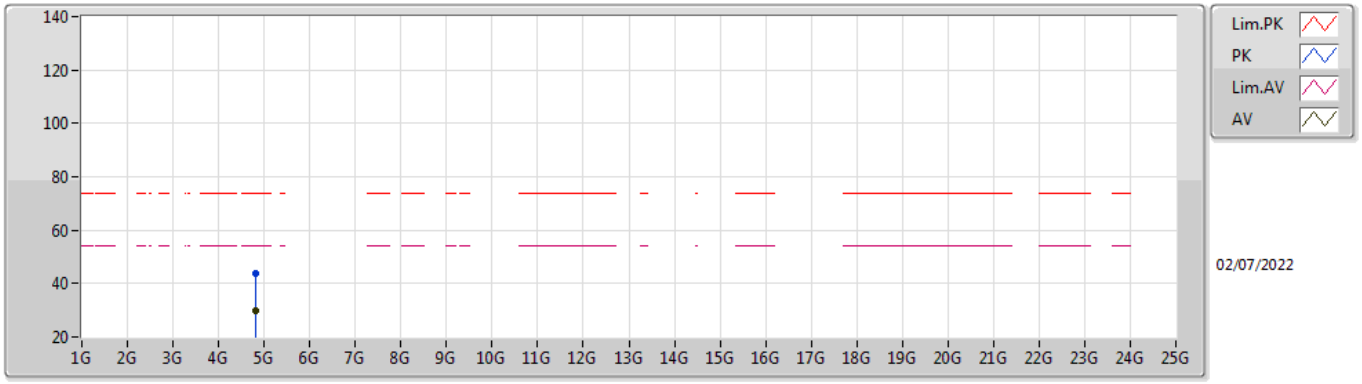


EUT Y_4TX
Setting 73
01-B-G-2

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	4.82754G	44.01	74.00	-29.99	38.16	3	Vertical	154	1.44	-	32.97	5.10	32.22
AV	4.82402G	30.09	54.00	-23.91	24.27	3	Vertical	154	1.44	-	32.94	5.10	32.22

802.11ax HEW20_Nss1,(MCS0)_4TX

2412MHz_TX

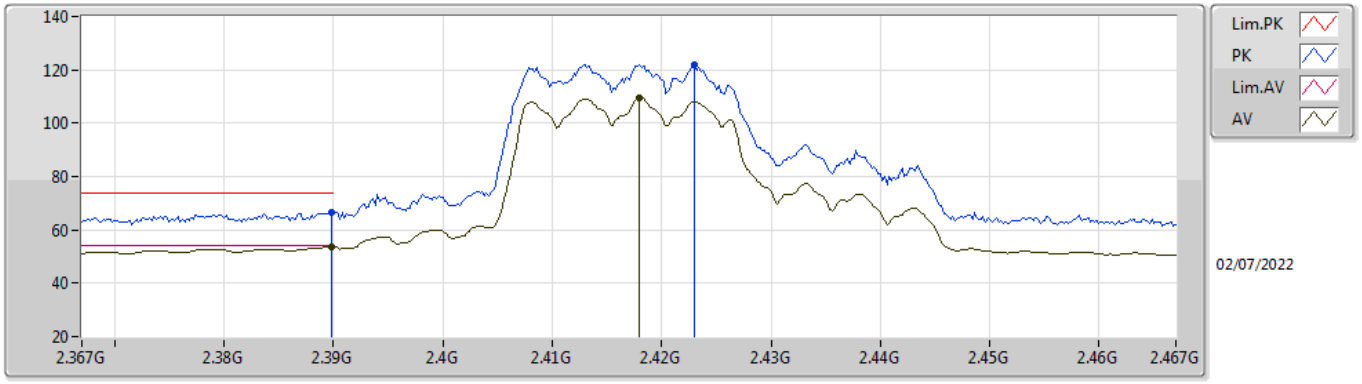


EUT Y_4TX
Setting 73
01-B-G-2

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	4.82086G	43.94	74.00	-30.06	38.13	3	Horizontal	92	2.05	-	32.93	5.10	32.22
AV	4.82422G	30.07	54.00	-23.93	24.24	3	Horizontal	92	2.05	-	32.95	5.10	32.22

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

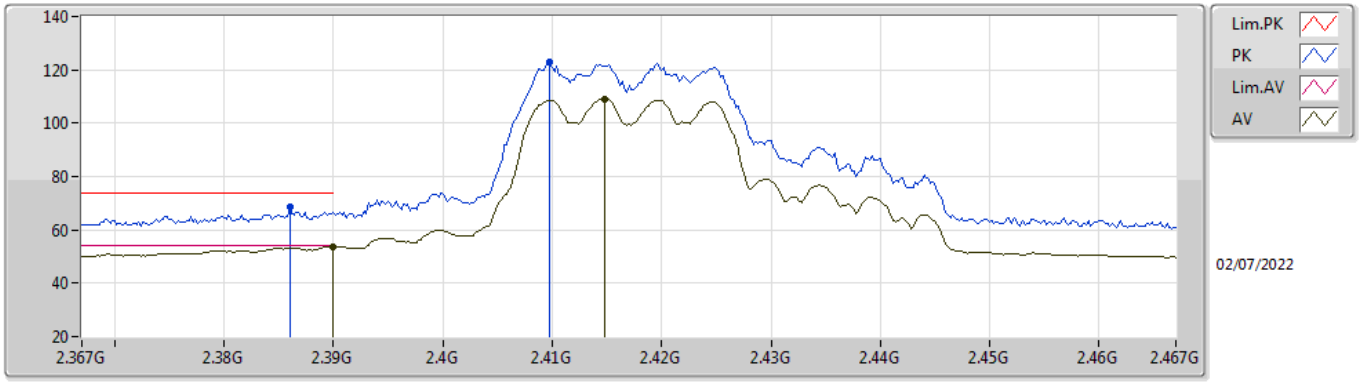


EUT Y_4TX
Setting 94
02-B-G-2

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	66.70	74.00	-7.30	35.53	3	Vertical	76	1.61	-	28.38	2.79	-
AV	2.3898G	53.63	54.00	-0.37	22.46	3	Vertical	76	1.61	-	28.38	2.79	-
PK	2.423G	121.94	Inf	-Inf	90.72	3	Vertical	76	1.61	-	28.40	2.82	-
AV	2.418G	109.36	Inf	-Inf	78.14	3	Vertical	76	1.61	-	28.40	2.82	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2417MHz_TX

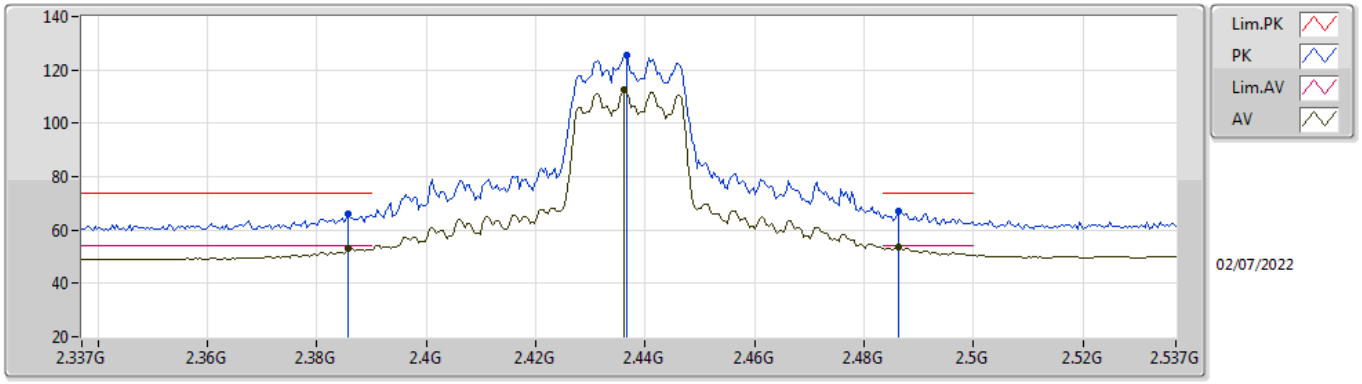


EUT Y_4TX
Setting 94
02-B-G-2

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	2.386G	68.66	74.00	-5.34	37.50	3	Horizontal	296	2.67	-	28.37	2.79	-
AV	2.39G	53.75	54.00	-0.25	22.58	3	Horizontal	296	2.67	-	28.38	2.79	-
PK	2.4098G	123.02	Inf	-Inf	91.81	3	Horizontal	296	2.67	-	28.40	2.81	-
AV	2.4148G	109.19	Inf	-Inf	77.98	3	Horizontal	296	2.67	-	28.40	2.81	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

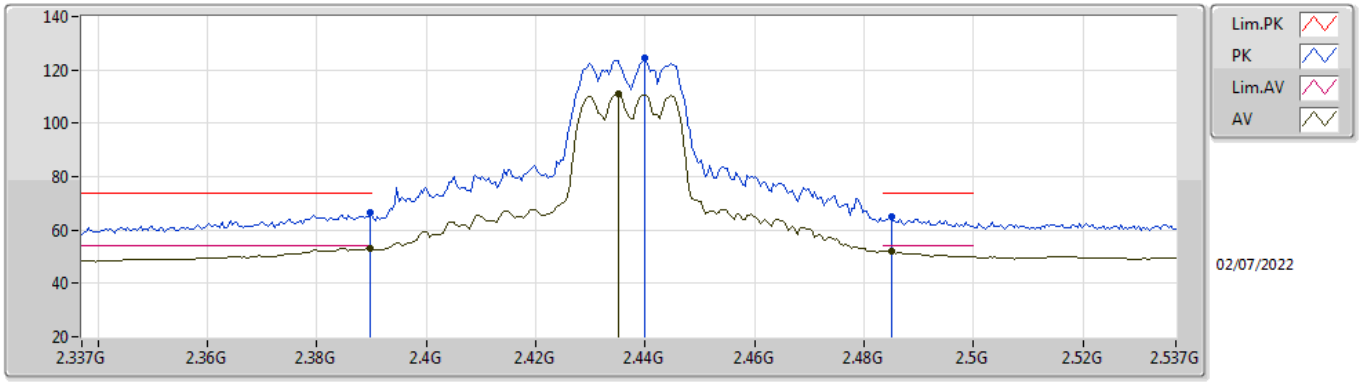


EUT Y_4TX
Setting 105
02-B-G-2

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	2.3858G	66.19	74.00	-7.81	35.03	3	Vertical	35	2.11	-	28.37	2.79	-
AV	2.3858G	52.88	54.00	-1.12	21.72	3	Vertical	35	2.11	-	28.37	2.79	-
PK	2.4366G	125.49	Inf	-Inf	94.25	3	Vertical	35	2.11	-	28.40	2.84	-
AV	2.4362G	112.37	Inf	-Inf	81.13	3	Vertical	35	2.11	-	28.40	2.84	-
PK	2.4862G	66.86	74.00	-7.14	35.43	3	Vertical	35	2.11	-	28.54	2.89	-
AV	2.4862G	53.47	54.00	-0.53	22.04	3	Vertical	35	2.11	-	28.54	2.89	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

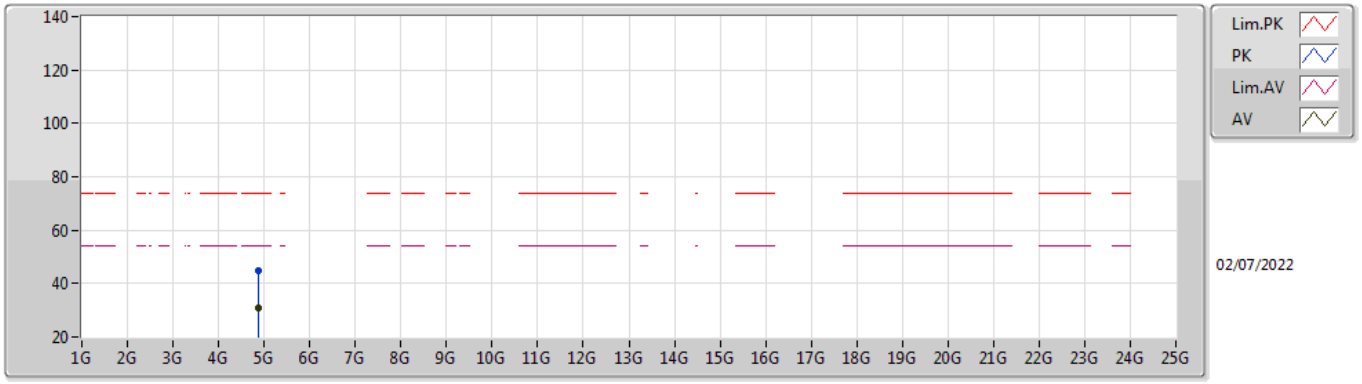


EUT Y_4TX
Setting 105
02-B-G-2

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	66.46	74.00	-7.54	35.29	3	Horizontal	294	2.93	-	28.38	2.79	-
AV	2.3898G	53.30	54.00	-0.70	22.13	3	Horizontal	294	2.93	-	28.38	2.79	-
PK	2.4398G	124.64	Inf	-Inf	93.40	3	Horizontal	294	2.93	-	28.40	2.84	-
AV	2.435G	110.94	Inf	-Inf	79.71	3	Horizontal	294	2.93	-	28.40	2.83	-
PK	2.485G	64.82	74.00	-9.18	33.39	3	Horizontal	294	2.93	-	28.54	2.89	-
AV	2.485G	52.28	54.00	-1.72	20.85	3	Horizontal	294	2.93	-	28.54	2.89	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

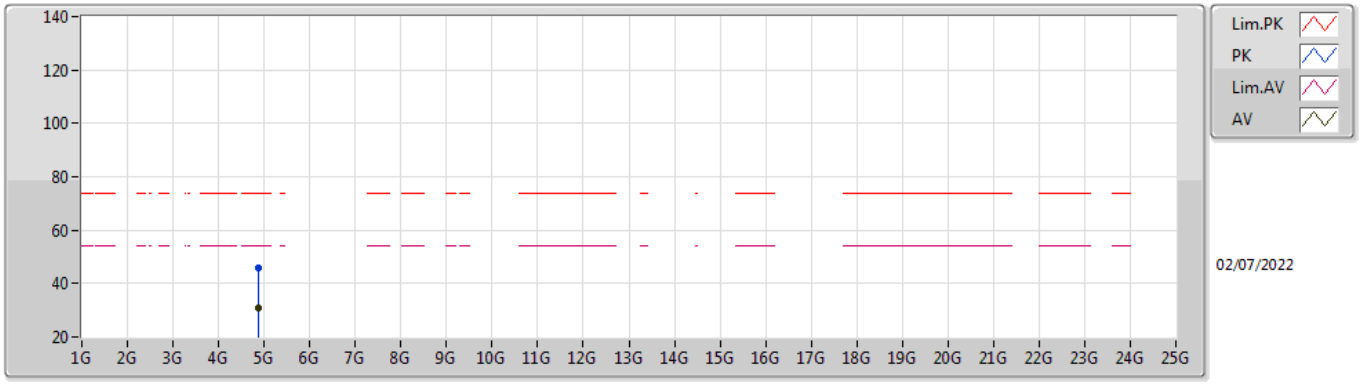


EUT Y_4TX
Setting 105
02-B-G-2

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	4.86954G	44.88	74.00	-29.12	38.85	3	Vertical	295	1.63	-	33.14	5.10	32.21
AV	4.86956G	30.86	54.00	-23.14	24.83	3	Vertical	295	1.63	-	33.14	5.10	32.21

802.11ax HEW20_Nss1,(MCS0)_4TX

2437MHz_TX

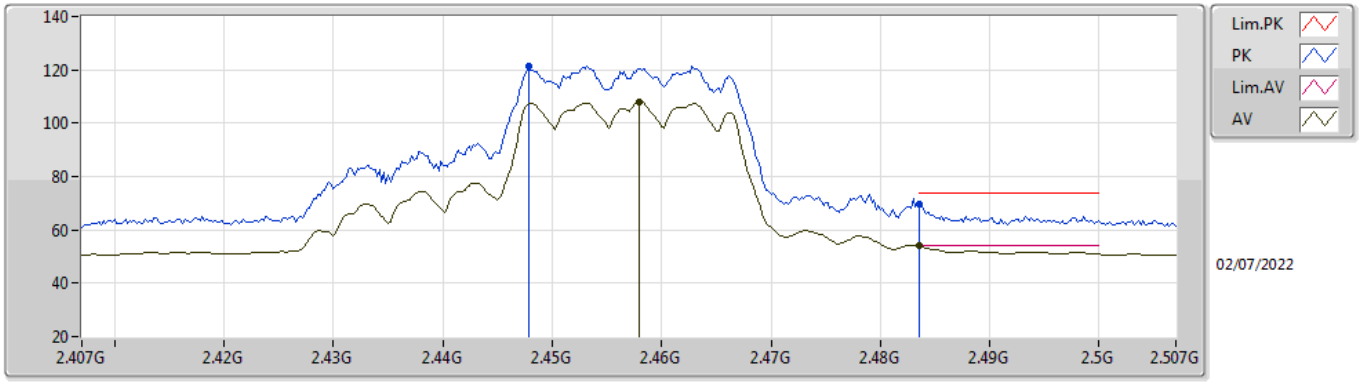


EUT Y_4TX
Setting 105
02-B-G-2

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	4.87718G	45.67	74.00	-28.33	39.62	3	Horizontal	229	1.34	-	33.15	5.10	32.20
AV	4.86934G	30.83	54.00	-23.17	24.80	3	Horizontal	229	1.34	-	33.14	5.10	32.21

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

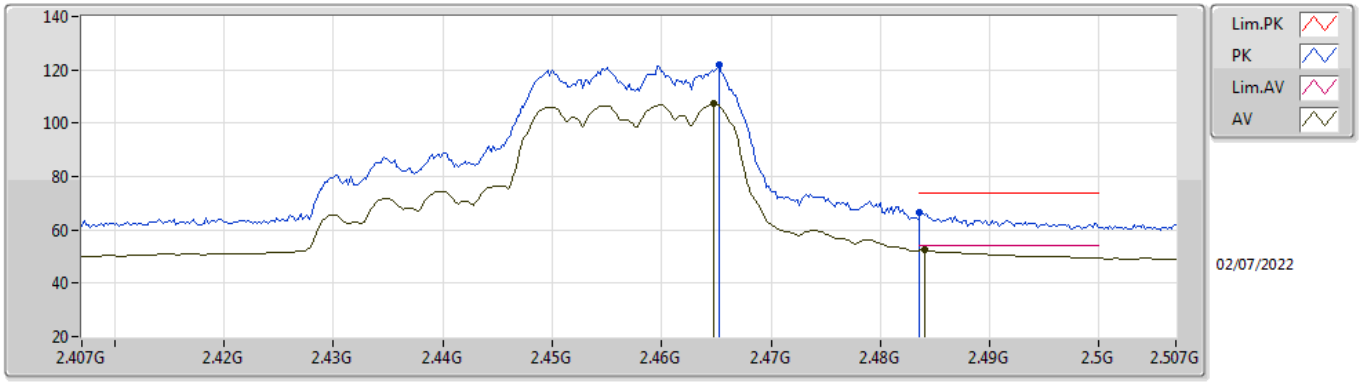


EUT Y_4TX
Setting 92
02-B-G-2

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	2.4478G	121.44	Inf	-Inf	90.19	3	Vertical	80	1.83	-	28.40	2.85	-
AV	2.458G	107.87	Inf	-Inf	76.58	3	Vertical	80	1.83	-	28.43	2.86	-
PK	2.4835G	69.85	74.00	-4.15	38.44	3	Vertical	80	1.83	-	28.53	2.88	-
AV	2.4835G	53.95	54.00	-0.05	22.54	3	Vertical	80	1.83	-	28.53	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2457MHz_TX

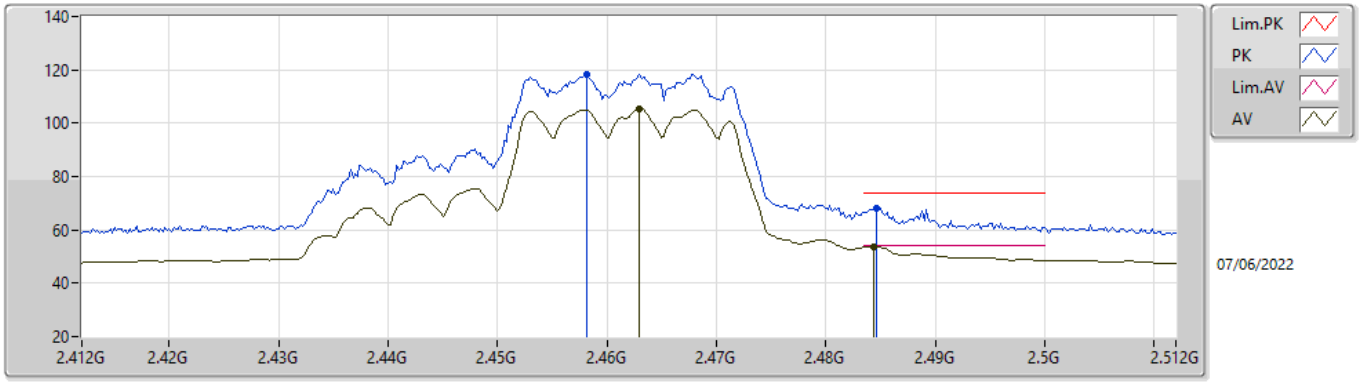


EUT Y_4TX
Setting 92
02-B-G-2

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	2.4652G	121.87	Inf	-Inf	90.54	3	Horizontal	291	2.62	-	28.46	2.87	-
AV	2.4648G	107.17	Inf	-Inf	75.85	3	Horizontal	291	2.62	-	28.46	2.86	-
PK	2.4836G	66.66	74.00	-7.34	35.25	3	Horizontal	291	2.62	-	28.53	2.88	-
AV	2.484G	52.40	54.00	-1.60	20.98	3	Horizontal	291	2.62	-	28.54	2.88	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

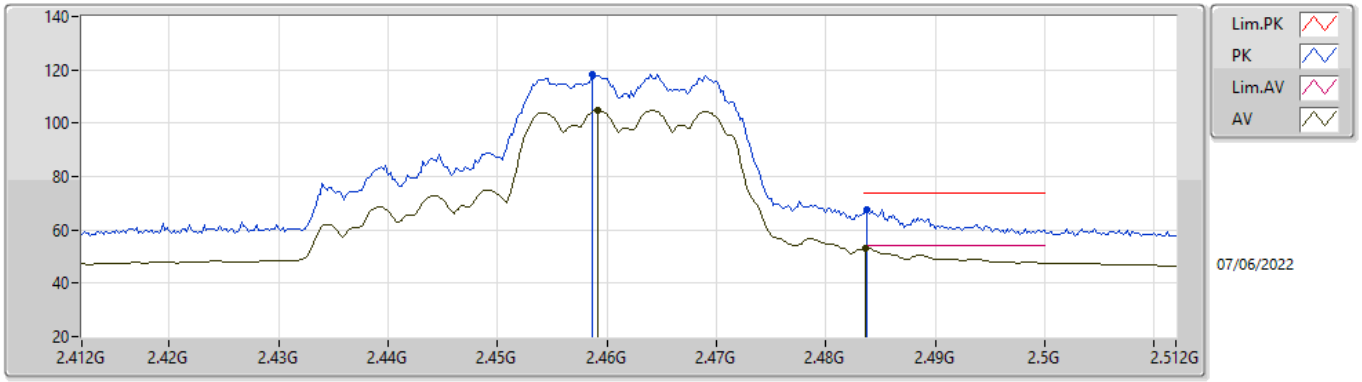


EUT Y_4TX
Setting 78
01-A-L-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4582G	118.34	Inf	-Inf	86.96	3	Vertical	74	1.80	-	27.55	3.83	-
AV	2.463G	105.32	Inf	-Inf	73.91	3	Vertical	74	1.80	-	27.58	3.83	-
PK	2.4846G	68.28	74.00	-5.72	36.73	3	Vertical	74	1.80	-	27.71	3.84	-
AV	2.4844G	53.83	54.00	-0.17	22.28	3	Vertical	74	1.80	-	27.71	3.84	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

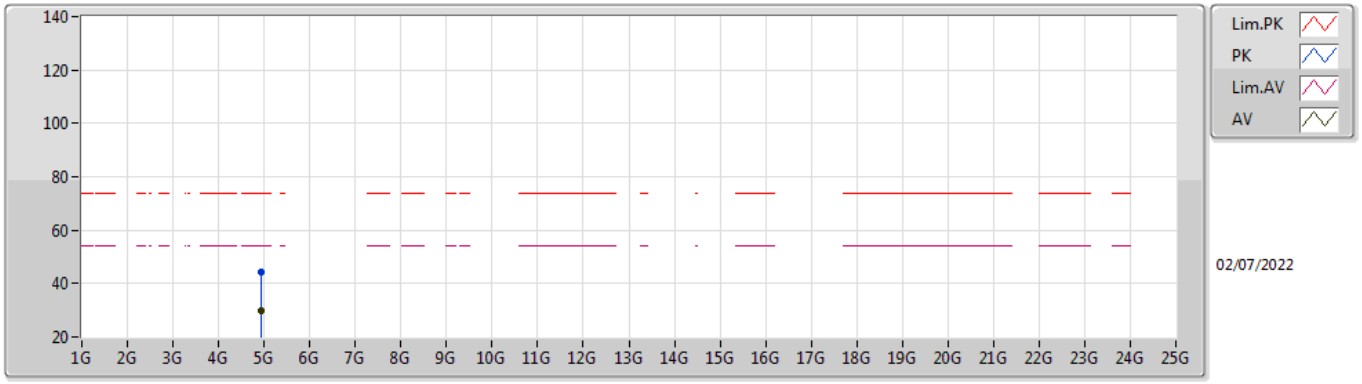


EUT Y_4TX
Setting 78
01-A-L-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4586G	118.33	Inf	-Inf	86.95	3	Horizontal	290	1.99	-	27.55	3.83	-
AV	2.4592G	104.71	Inf	-Inf	73.32	3	Horizontal	290	1.99	-	27.56	3.83	-
PK	2.4838G	67.46	74.00	-6.54	35.92	3	Horizontal	290	1.99	-	27.70	3.84	-
AV	2.4836G	53.21	54.00	-0.79	21.67	3	Horizontal	290	1.99	-	27.70	3.84	-

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

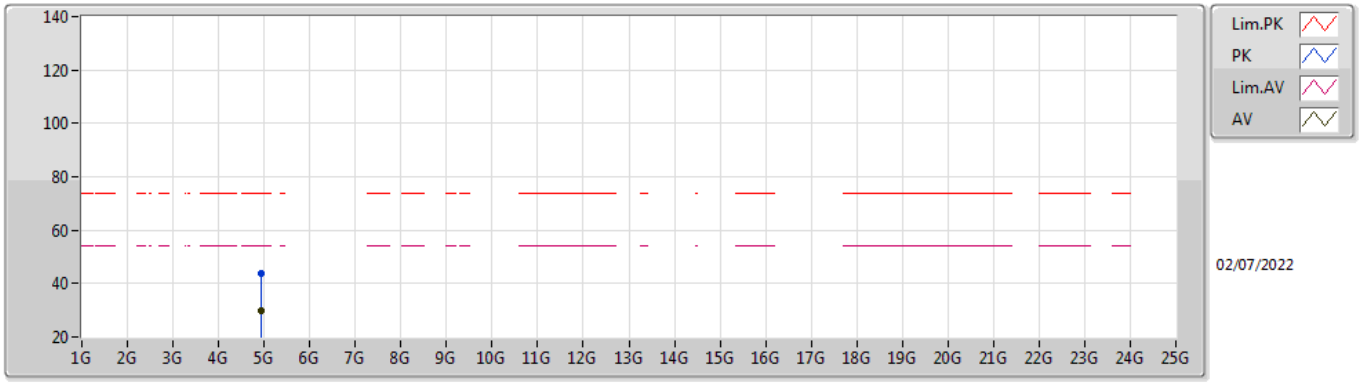


EUT Y_4TX
Setting 78
01-B-G-2

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	4.92758G	44.15	74.00	-29.85	37.98	3	Vertical	189	1.32	-	33.26	5.10	32.19
AV	4.92662G	30.04	54.00	-23.96	23.88	3	Vertical	189	1.32	-	33.25	5.10	32.19

802.11ax HEW20_Nss1,(MCS0)_4TX

2462MHz_TX

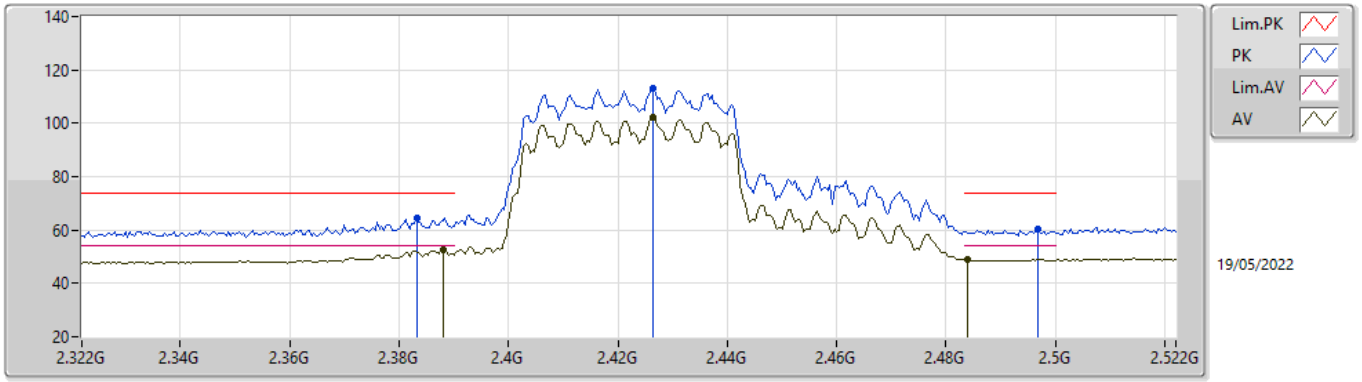


EUT Y_4TX
Setting 78
01-B-G-2

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	4.92242G	43.92	74.00	-30.08	37.77	3	Horizontal	197	1.40	-	33.24	5.10	32.19
AV	4.92652G	30.05	54.00	-23.95	23.89	3	Horizontal	197	1.40	-	33.25	5.10	32.19

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

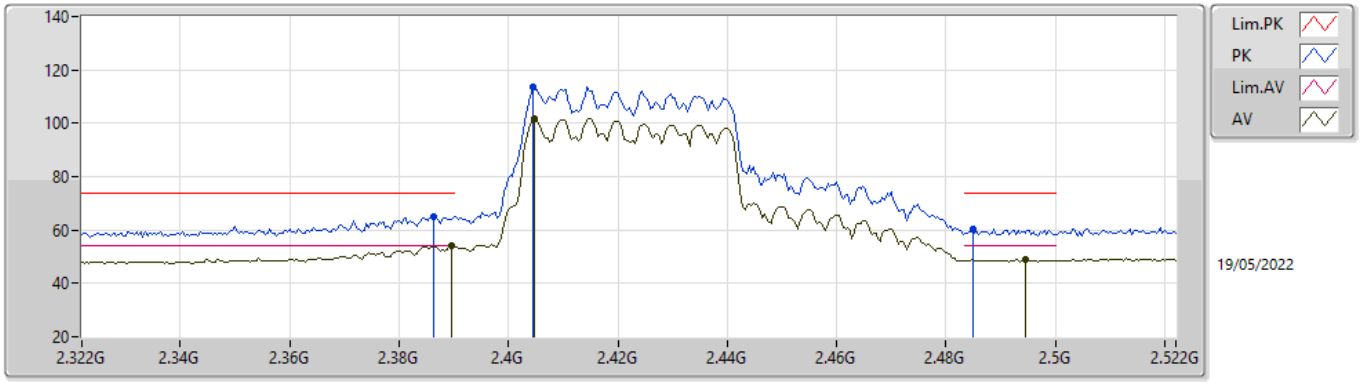


EUT Y_4TX
Setting 66
02-B-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3832G	64.33	74.00	-9.67	33.17	3	Vertical	27	1.80	-	28.37	2.79	-
AV	2.388G	52.80	54.00	-1.20	21.63	3	Vertical	27	1.80	-	28.38	2.79	-
PK	2.4264G	113.11	Inf	-Inf	81.88	3	Vertical	27	1.80	-	28.40	2.83	-
AV	2.4264G	102.03	Inf	-Inf	70.80	3	Vertical	27	1.80	-	28.40	2.83	-
PK	2.4968G	60.46	74.00	-13.54	28.97	3	Vertical	27	1.80	-	28.59	2.90	-
AV	2.484G	48.80	54.00	-5.20	17.38	3	Vertical	27	1.80	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

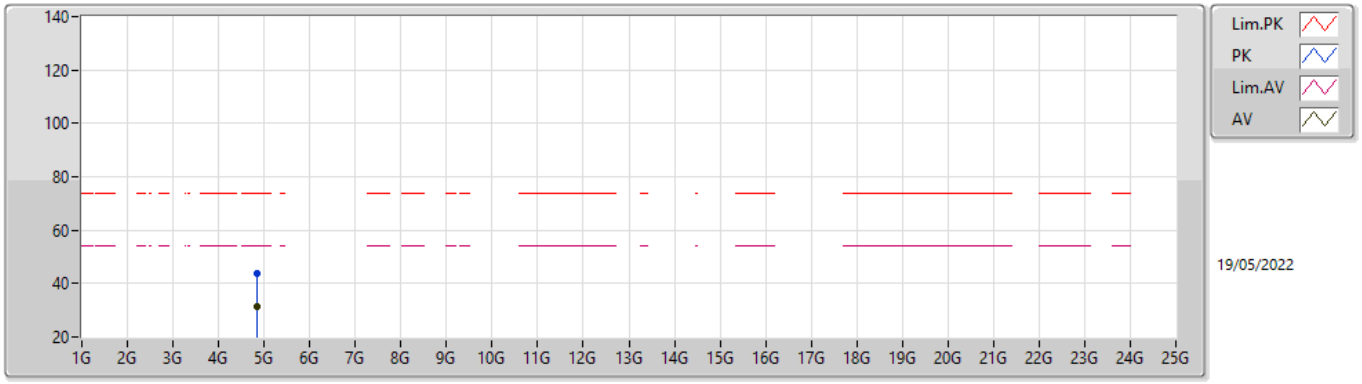


EUT Y_4TX
Setting 66
02-B-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3864G	65.10	74.00	-8.90	33.94	3	Horizontal	285	2.68	-	28.37	2.79	-
AV	2.3896G	53.92	54.00	-0.08	22.75	3	Horizontal	285	2.68	-	28.38	2.79	-
PK	2.4044G	113.44	Inf	-Inf	82.24	3	Horizontal	285	2.68	-	28.40	2.80	-
AV	2.4048G	101.54	Inf	-Inf	70.34	3	Horizontal	285	2.68	-	28.40	2.80	-
PK	2.4848G	60.36	74.00	-13.64	28.94	3	Horizontal	285	2.68	-	28.54	2.88	-
AV	2.4944G	48.84	54.00	-5.16	17.37	3	Horizontal	285	2.68	-	28.58	2.89	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

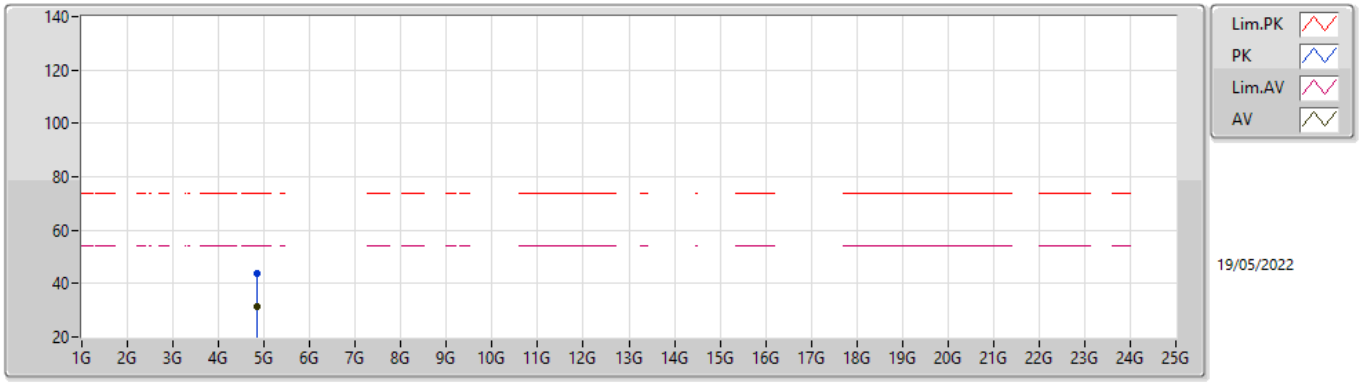


EUT Y_4TX
Setting 66
02-B-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84958G	43.67	74.00	-30.33	37.68	3	Vertical	262	2.96	-	33.10	5.10	32.21
AV	4.8329G	31.27	54.00	-22.73	25.39	3	Vertical	262	2.96	-	33.00	5.10	32.22

802.11ax HEW40_Nss1,(MCS0)_4TX

2422MHz_TX

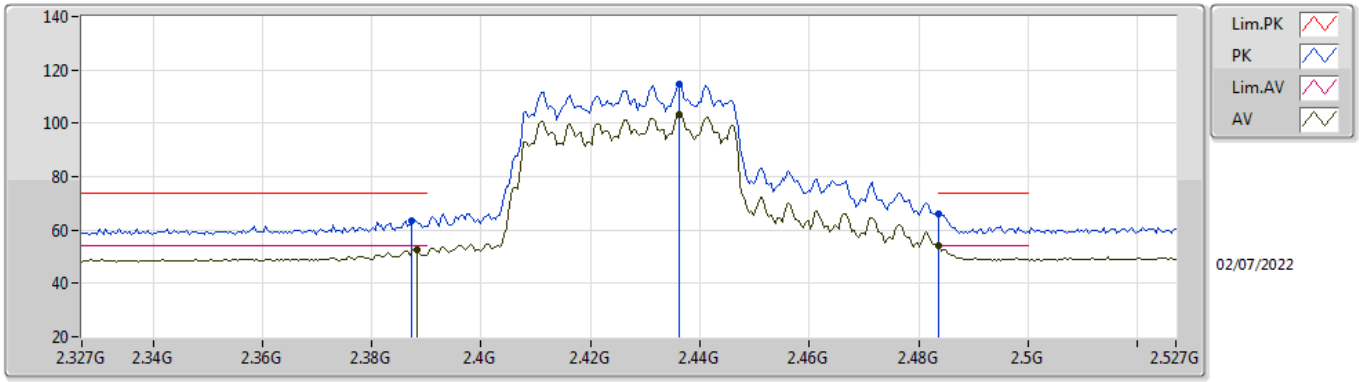


EUT Y_4TX
Setting 66
02-B-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.85222G	43.86	74.00	-30.14	37.87	3	Horizontal	335	2.61	-	33.10	5.10	32.21
AV	4.83404G	31.54	54.00	-22.46	25.66	3	Horizontal	335	2.61	-	33.00	5.10	32.22

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

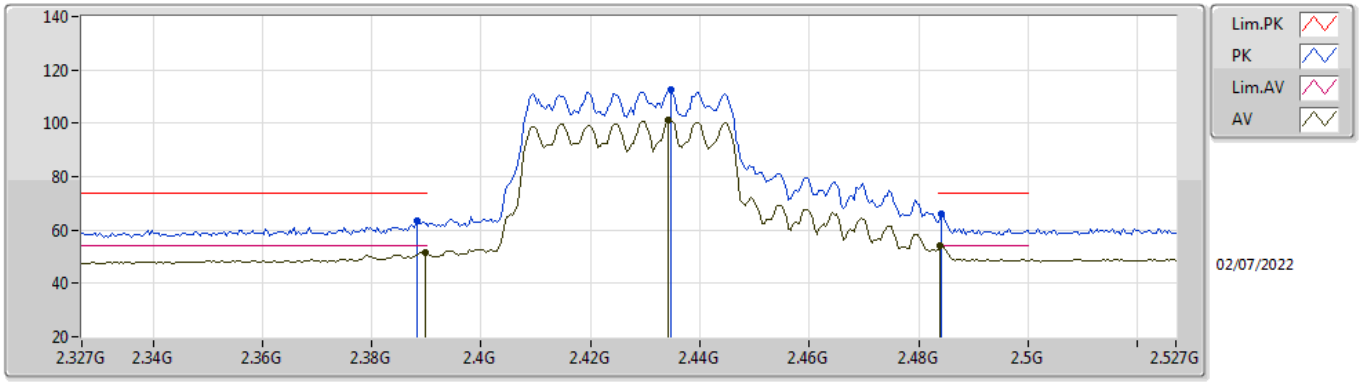


EUT Y_4TX
Setting 71
02-B-G-2

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	2.3874G	63.44	74.00	-10.56	32.28	3	Vertical	36	2.14	-	28.37	2.79	-
AV	2.3882G	52.54	54.00	-1.46	21.37	3	Vertical	36	2.14	-	28.38	2.79	-
PK	2.4362G	114.41	Inf	-Inf	83.17	3	Vertical	36	2.14	-	28.40	2.84	-
AV	2.4362G	103.19	Inf	-Inf	71.95	3	Vertical	36	2.14	-	28.40	2.84	-
PK	2.4835G	66.08	74.00	-7.92	34.67	3	Vertical	36	2.14	-	28.53	2.88	-
AV	2.4835G	53.96	54.00	-0.04	22.55	3	Vertical	36	2.14	-	28.53	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2427MHz_TX

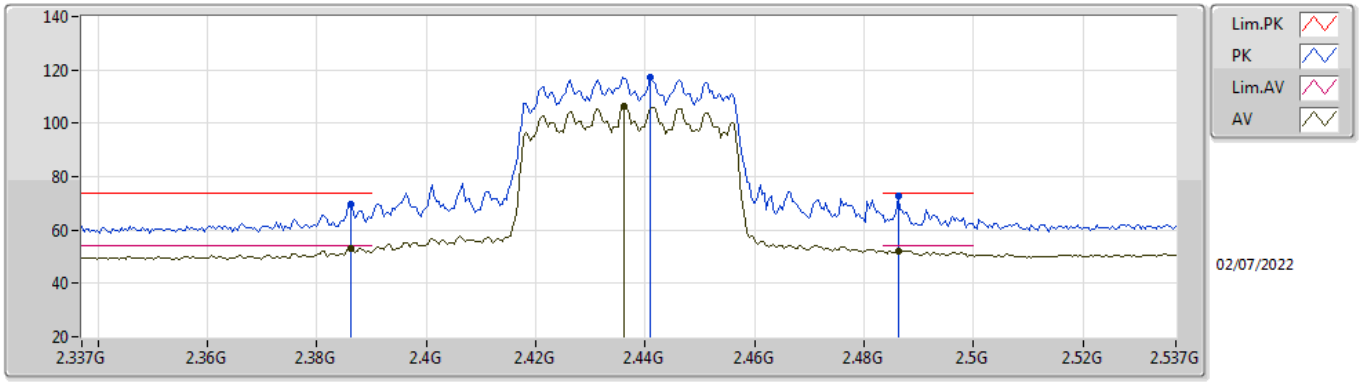


EUT Y_4TX
Setting 71
02-B-G-2

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	2.3882G	63.45	74.00	-10.55	32.28	3	Horizontal	71.8	1.77	-	28.38	2.79	-
AV	2.3898G	51.58	54.00	-2.42	20.41	3	Horizontal	71.8	1.77	-	28.38	2.79	-
PK	2.4346G	112.68	Inf	-Inf	81.45	3	Horizontal	71.8	1.77	-	28.40	2.83	-
AV	2.4342G	101.06	Inf	-Inf	69.83	3	Horizontal	71.8	1.77	-	28.40	2.83	-
PK	2.4842G	65.86	74.00	-8.14	34.44	3	Horizontal	71.8	1.77	-	28.54	2.88	-
AV	2.4838G	53.95	54.00	-0.05	22.53	3	Horizontal	71.8	1.77	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

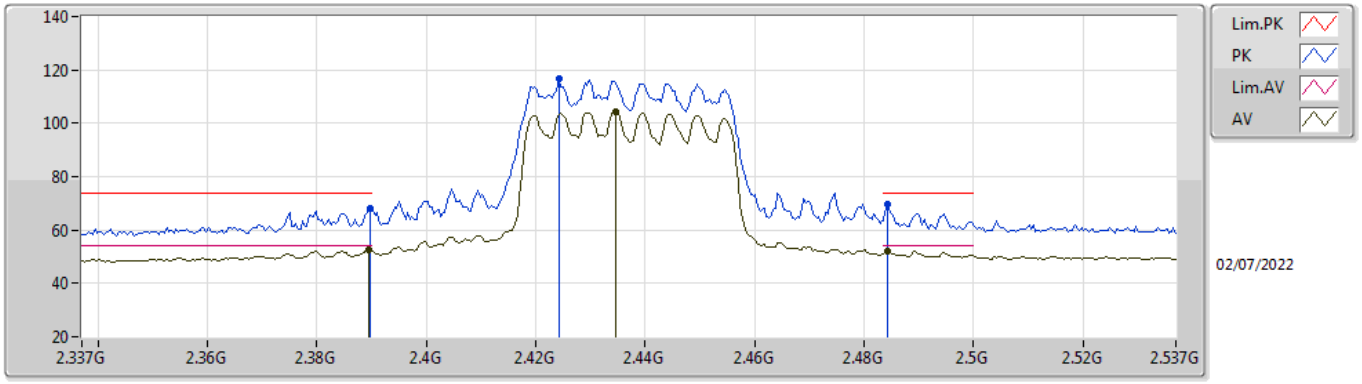


EUT Y_4TX
Setting 82
02-B-G-2

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	2.3862G	69.74	74.00	-4.26	38.58	3	Vertical	34	2.12	-	28.37	2.79	-
AV	2.3862G	53.09	54.00	-0.91	21.93	3	Vertical	34	2.12	-	28.37	2.79	-
PK	2.441G	117.46	Inf	-Inf	86.22	3	Vertical	34	2.12	-	28.40	2.84	-
AV	2.4362G	106.18	Inf	-Inf	74.94	3	Vertical	34	2.12	-	28.40	2.84	-
PK	2.4862G	72.66	74.00	-1.34	41.23	3	Vertical	34	2.12	-	28.54	2.89	-
AV	2.4862G	52.23	54.00	-1.77	20.80	3	Vertical	34	2.12	-	28.54	2.89	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

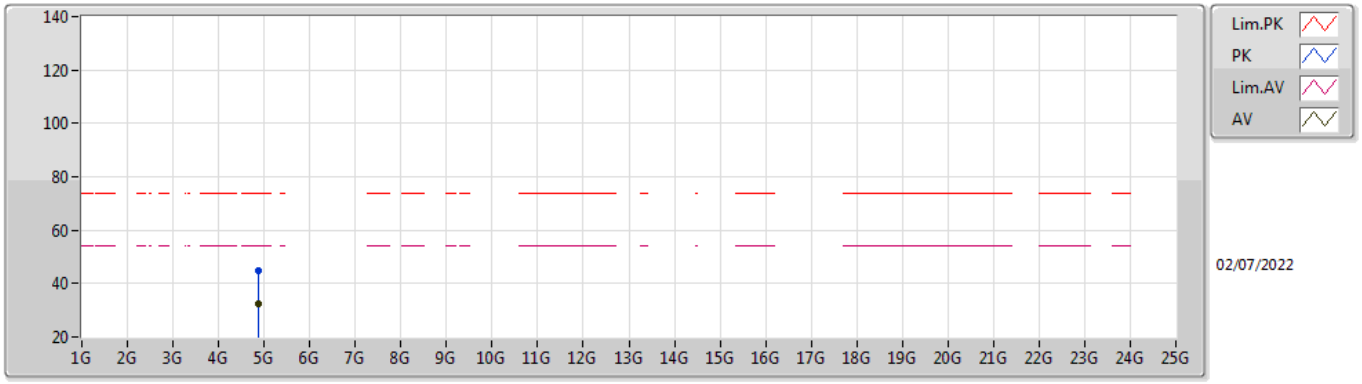


EUT Y_4TX
Setting 82
02-B-G-2

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	67.88	74.00	-6.12	36.71	3	Horizontal	76	1.80	-	28.38	2.79	-
AV	2.3894G	52.61	54.00	-1.39	21.44	3	Horizontal	76	1.80	-	28.38	2.79	-
PK	2.4242G	116.77	Inf	-Inf	85.55	3	Horizontal	76	1.80	-	28.40	2.82	-
AV	2.4346G	104.38	Inf	-Inf	73.15	3	Horizontal	76	1.80	-	28.40	2.83	-
PK	2.4842G	69.91	74.00	-4.09	38.49	3	Horizontal	76	1.80	-	28.54	2.88	-
AV	2.4842G	52.11	54.00	-1.89	20.69	3	Horizontal	76	1.80	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

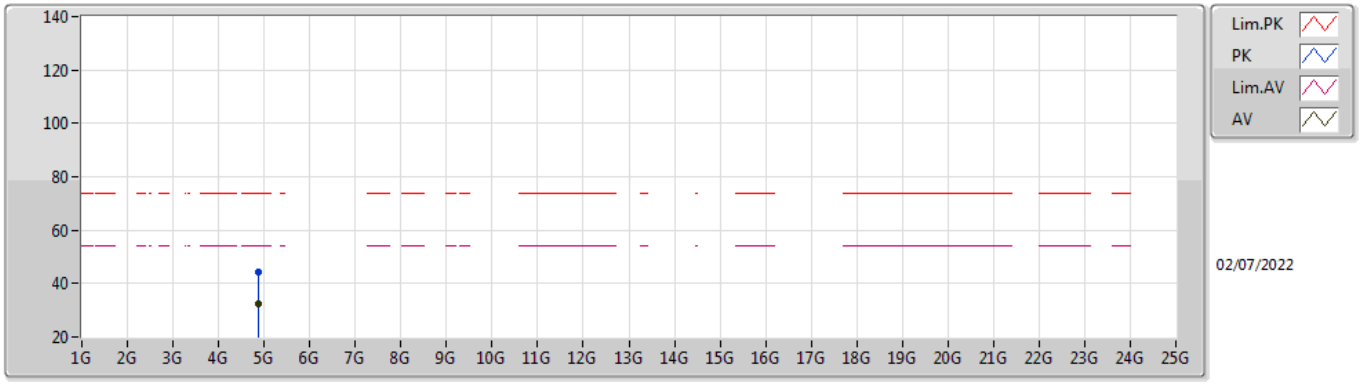


EUT Y_4TX
Setting 82
02-B-G-2

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	4.87874G	44.86	74.00	-29.14	38.80	3	Vertical	288	2.86	-	33.16	5.10	32.20
AV	4.86976G	32.29	54.00	-21.71	26.26	3	Vertical	288	2.86	-	33.14	5.10	32.21

802.11ax HEW40_Nss1,(MCS0)_4TX

2437MHz_TX

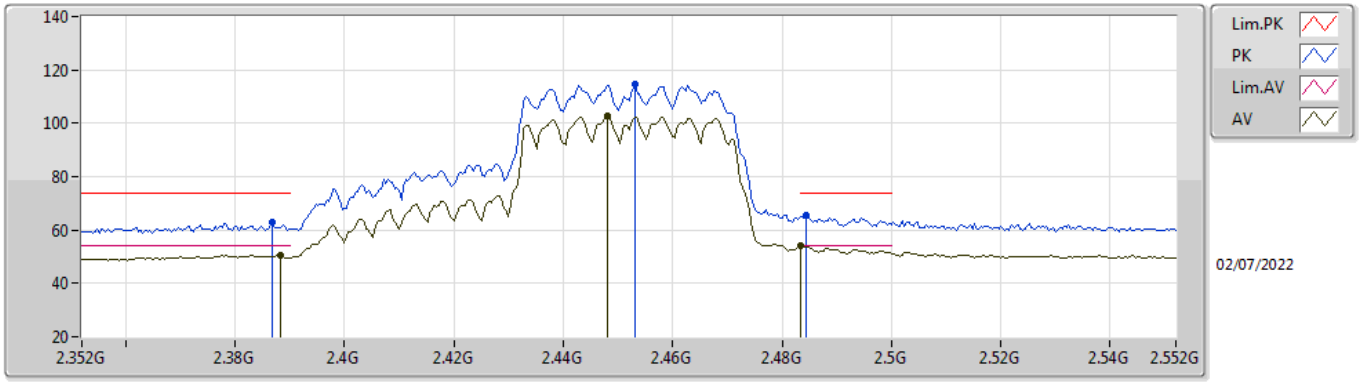


EUT Y_4TX
Setting 82
02-B-G-2

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	4.86974G	44.43	74.00	-29.57	38.40	3	Horizontal	190	2.85	-	33.14	5.10	32.21
AV	4.87054G	32.56	54.00	-21.44	26.53	3	Horizontal	190	2.85	-	33.14	5.10	32.21

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

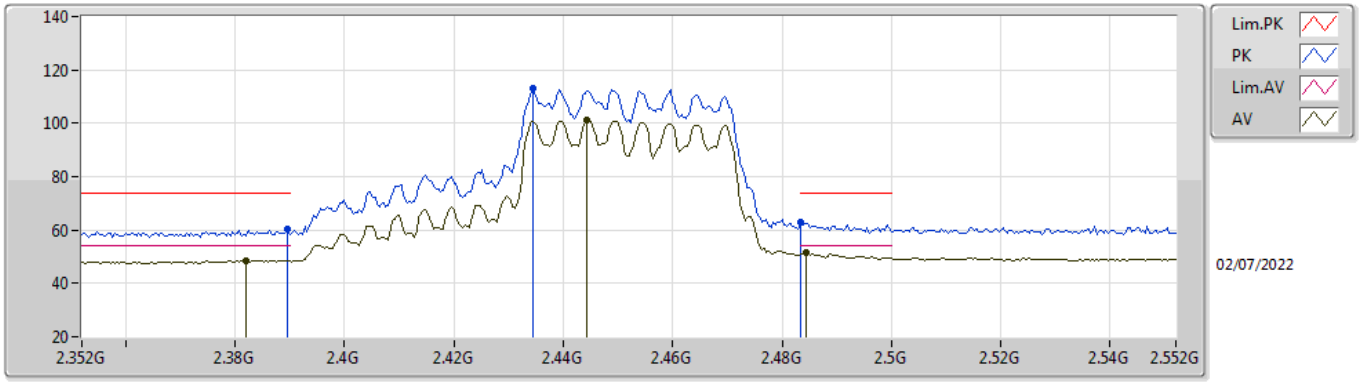


EUT Y_4TX
Setting 71
02-B-G-2

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	2.3868G	62.72	74.00	-11.28	31.56	3	Vertical	80	1.85	-	28.37	2.79	-
AV	2.3884G	50.69	54.00	-3.31	19.52	3	Vertical	80	1.85	-	28.38	2.79	-
PK	2.4532G	114.49	Inf	-Inf	83.23	3	Vertical	80	1.85	-	28.41	2.85	-
AV	2.448G	102.78	Inf	-Inf	71.53	3	Vertical	80	1.85	-	28.40	2.85	-
PK	2.4844G	65.39	74.00	-8.61	33.97	3	Vertical	80	1.85	-	28.54	2.88	-
AV	2.4835G	53.99	54.00	-0.01	22.58	3	Vertical	80	1.85	-	28.53	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

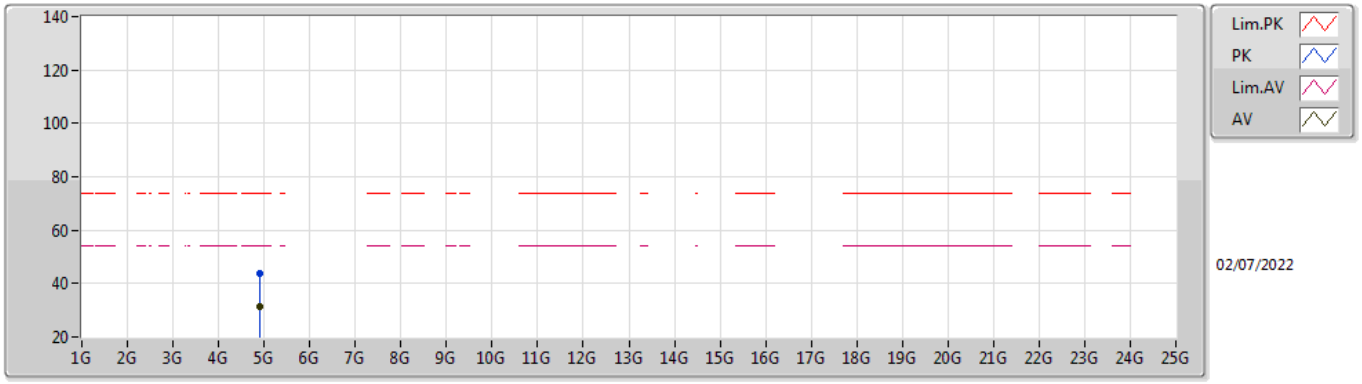


EUT Y_4TX
Setting 71
02-B-G-2

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	2.3896G	60.37	74.00	-13.63	29.20	3	Horizontal	74	1.75	-	28.38	2.79	-
AV	2.382G	48.70	54.00	-5.30	17.55	3	Horizontal	74	1.75	-	28.36	2.79	-
PK	2.4344G	112.98	Inf	-Inf	81.75	3	Horizontal	74	1.75	-	28.40	2.83	-
AV	2.4444G	101.12	Inf	-Inf	69.88	3	Horizontal	74	1.75	-	28.40	2.84	-
PK	2.4835G	63.02	74.00	-10.98	31.61	3	Horizontal	74	1.75	-	28.53	2.88	-
AV	2.4844G	51.67	54.00	-2.33	20.25	3	Horizontal	74	1.75	-	28.54	2.88	-

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX

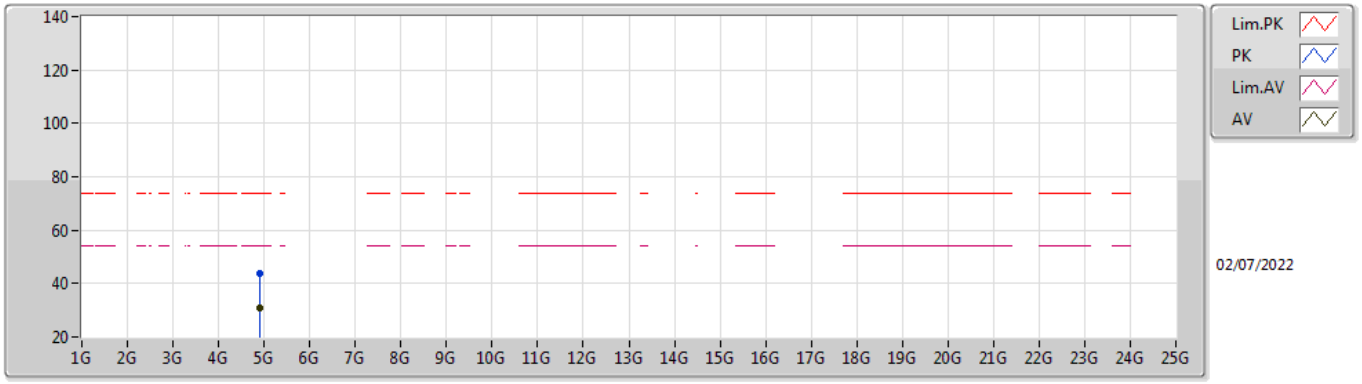


EUT Y_4TX
Setting 71
02-B-G-2

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	4.90466G	43.72	74.00	-30.28	37.60	3	Vertical	262	2.59	-	33.21	5.10	32.19
AV	4.90002G	31.17	54.00	-22.83	25.07	3	Vertical	262	2.59	-	33.20	5.10	32.20

802.11ax HEW40_Nss1,(MCS0)_4TX

2452MHz_TX



EUT Y_4TX
Setting 71
02-B-G-2

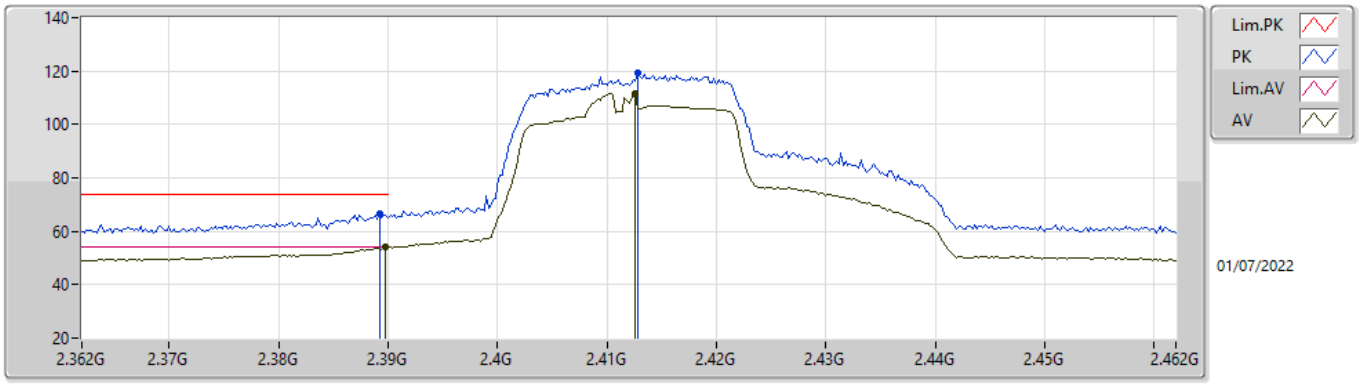
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90568G	43.68	74.00	-30.32	37.56	3	Horizontal	188	1.83	-	33.21	5.10	32.19
AV	4.90542G	30.89	54.00	-23.11	24.77	3	Horizontal	188	1.83	-	33.21	5.10	32.19

For beamforming mode
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	AV	2.4835G	53.97	54.00	-0.03	3	Vertical	294.7	1.80	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

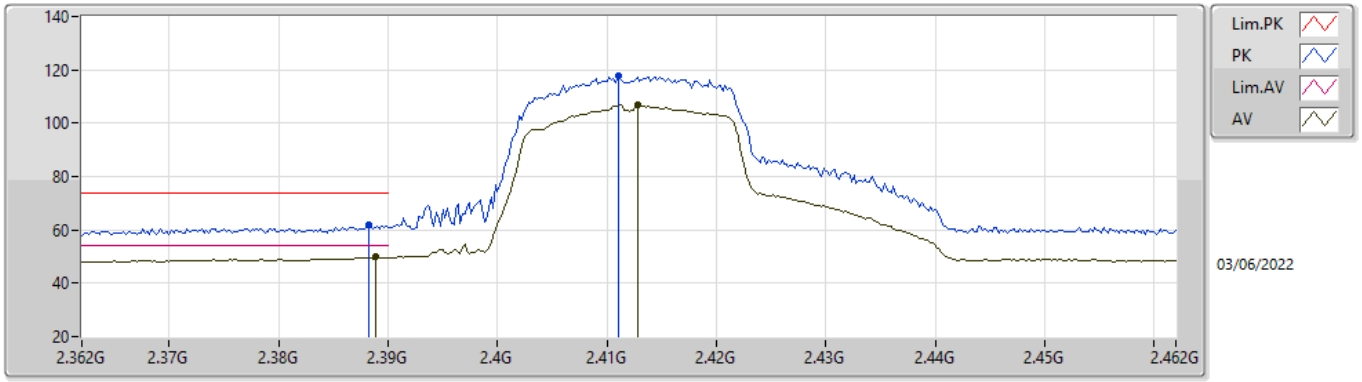


EUT Y_4TX
Setting 78
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	66.76	74.00	-7.24	35.59	3	Vertical	76	2.51	-	28.38	2.79	-
AV	2.3898G	53.90	54.00	-0.10	22.73	3	Vertical	76	2.51	-	28.38	2.79	-
PK	2.4128G	119.44	Inf	-Inf	88.23	3	Vertical	76	2.51	-	28.40	2.81	-
AV	2.4126G	111.58	Inf	-Inf	80.37	3	Vertical	76	2.51	-	28.40	2.81	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

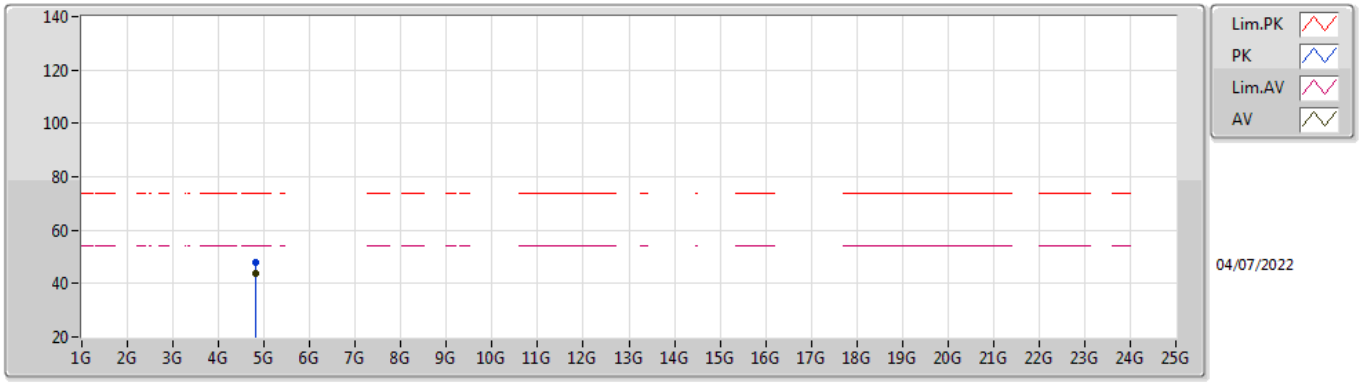


EUT Y_4TX
Setting 78
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	62.06	74.00	-11.94	30.89	3	Horizontal	80	1.50	-	28.38	2.79	-
AV	2.3888G	49.75	54.00	-4.25	18.58	3	Horizontal	80	1.50	-	28.38	2.79	-
PK	2.411G	117.54	Inf	-Inf	86.33	3	Horizontal	80	1.50	-	28.40	2.81	-
AV	2.4128G	106.78	Inf	-Inf	75.57	3	Horizontal	80	1.50	-	28.40	2.81	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

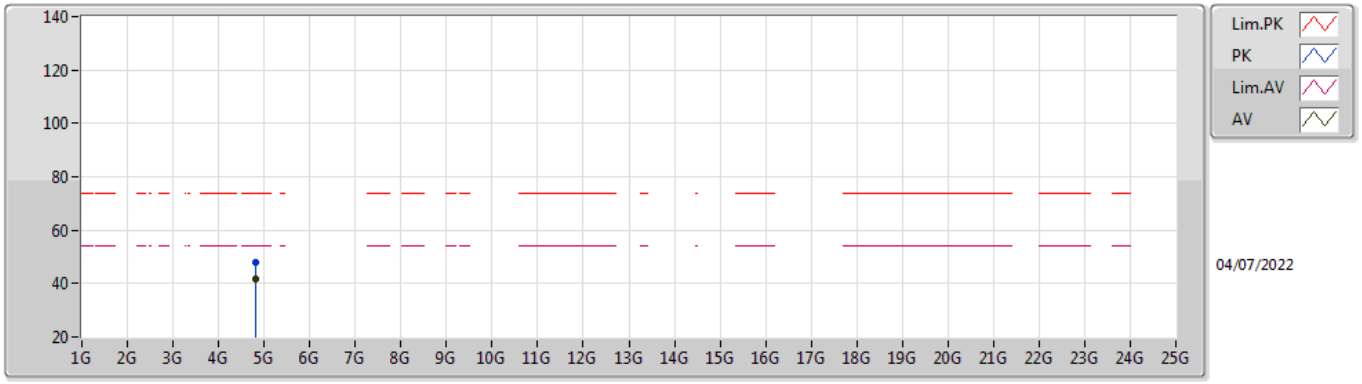


EUT Y_4TX
Setting 78
03-B-E-2

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	4.82412G	48.04	74.00	-25.96	42.50	3	Vertical	332	1.55	-	33.34	7.10	34.90
AV	4.82402G	43.61	54.00	-10.39	38.07	3	Vertical	332	1.55	-	33.34	7.10	34.90

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2412MHz_TX

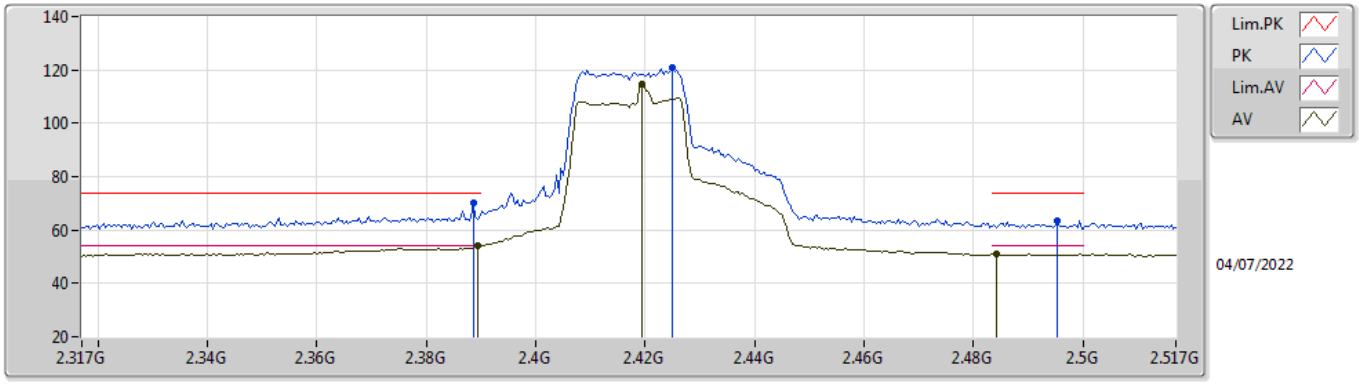


EUT Y_4TX
Setting 78
03-B-E-2

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	4.82414G	47.70	74.00	-26.30	42.16	3	Horizontal	135	1.80	-	33.34	7.10	34.90
AV	4.8241G	41.93	54.00	-12.07	36.39	3	Horizontal	135	1.80	-	33.34	7.10	34.90

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

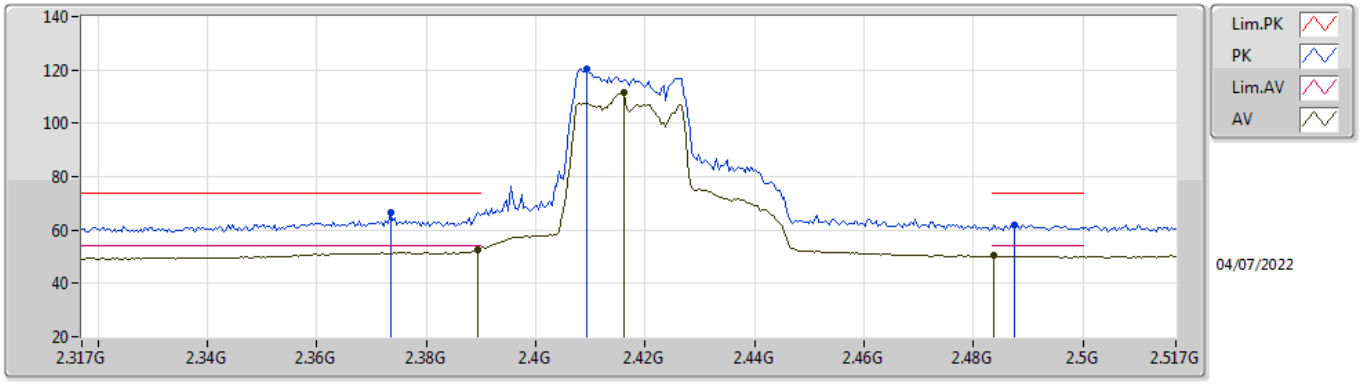


EUT Y_4TX
Setting 92
03-B-E-2

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	2.3886G	70.28	74.00	-3.72	37.64	3	Vertical	80	2.05	-	28.25	4.39	-
AV	2.3894G	53.92	54.00	-0.08	21.27	3	Vertical	80	2.05	-	28.26	4.39	-
PK	2.425G	120.84	Inf	-Inf	88.13	3	Vertical	80	2.05	-	28.30	4.41	-
AV	2.4194G	114.53	Inf	-Inf	81.82	3	Vertical	80	2.05	-	28.30	4.41	-
PK	2.4954G	63.64	74.00	-10.36	30.71	3	Vertical	80	2.05	-	28.48	4.45	-
AV	2.4842G	51.17	54.00	-2.83	18.29	3	Vertical	80	2.05	-	28.44	4.44	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2417MHz_TX

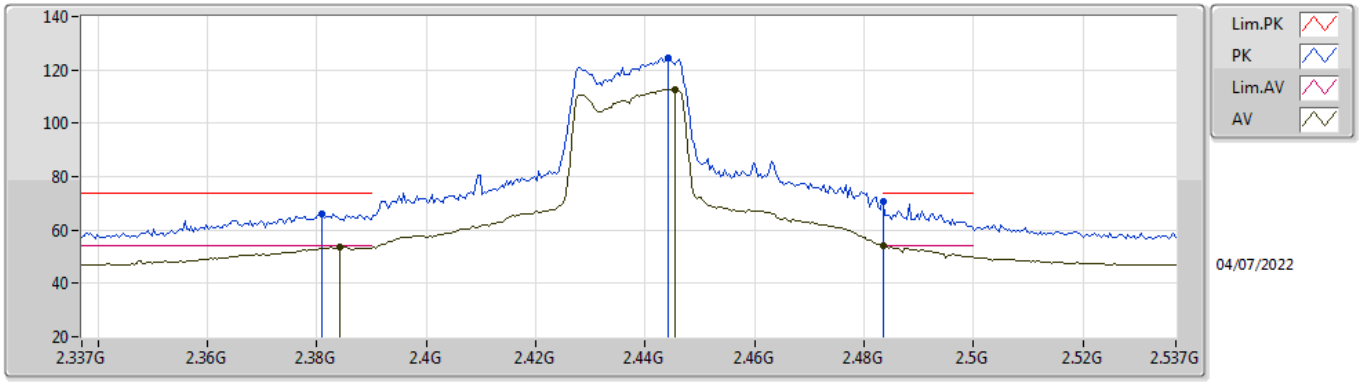


EUT Y_4TX
Setting 92
03-B-E-2

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	2.3734G	66.80	74.00	-7.20	34.24	3	Horizontal	83.7	1.79	-	28.19	4.37	-
AV	2.3894G	52.50	54.00	-1.50	19.85	3	Horizontal	83.7	1.79	-	28.26	4.39	-
PK	2.4094G	120.21	Inf	-Inf	87.51	3	Horizontal	83.7	1.79	-	28.30	4.40	-
AV	2.4162G	111.49	Inf	-Inf	78.78	3	Horizontal	83.7	1.79	-	28.30	4.41	-
PK	2.4874G	62.01	74.00	-11.99	29.12	3	Horizontal	83.7	1.79	-	28.45	4.44	-
AV	2.4838G	50.26	54.00	-3.74	17.38	3	Horizontal	83.7	1.79	-	28.44	4.44	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

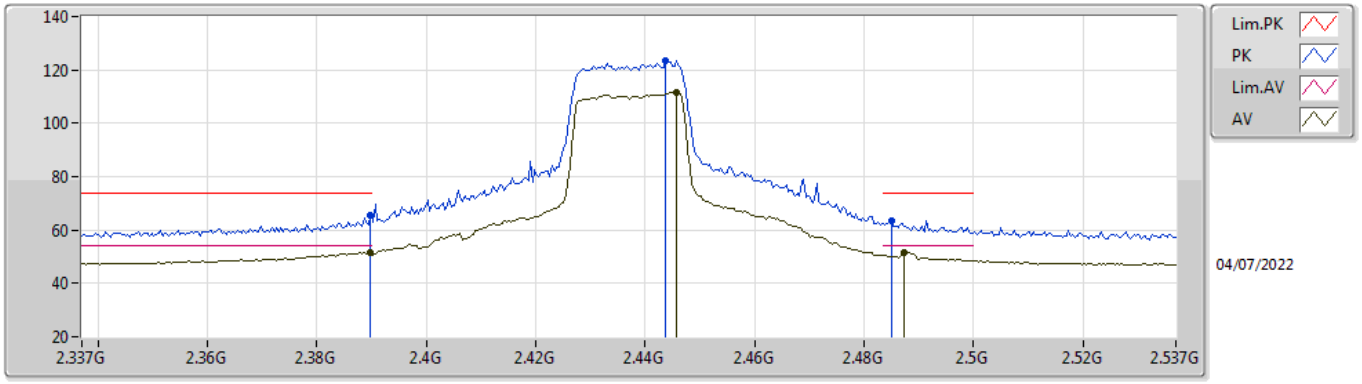


EUT Y_4TX
Setting 106
03-D-E-2

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	2.381G	66.10	74.00	-7.90	34.95	3	Vertical	294.7	1.80	-	28.36	2.79	-
AV	2.3842G	53.74	54.00	-0.26	22.58	3	Vertical	294.7	1.80	-	28.37	2.79	-
PK	2.4442G	124.46	Inf	-Inf	93.22	3	Vertical	294.7	1.80	-	28.40	2.84	-
AV	2.4454G	112.63	Inf	-Inf	81.38	3	Vertical	294.7	1.80	-	28.40	2.85	-
PK	2.4835G	70.91	74.00	-3.09	39.50	3	Vertical	294.7	1.80	-	28.53	2.88	-
AV	2.4835G	53.97	54.00	-0.03	22.56	3	Vertical	294.7	1.80	-	28.53	2.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

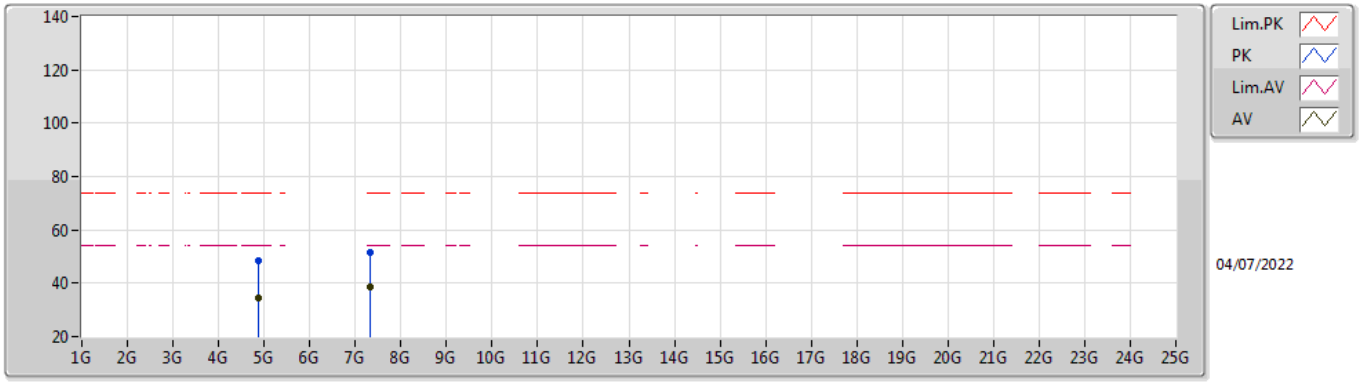


EUT Y_4TX
Setting 106
03-D-E-2

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	65.53	74.00	-8.47	34.36	3	Horizontal	95.6	2.07	-	28.38	2.79	-
AV	2.3898G	51.51	54.00	-2.49	20.34	3	Horizontal	95.6	2.07	-	28.38	2.79	-
PK	2.4438G	123.50	Inf	-Inf	92.26	3	Horizontal	95.6	2.07	-	28.40	2.84	-
AV	2.4458G	111.75	Inf	-Inf	80.50	3	Horizontal	95.6	2.07	-	28.40	2.85	-
PK	2.485G	63.45	74.00	-10.55	32.02	3	Horizontal	95.6	2.07	-	28.54	2.89	-
AV	2.4874G	51.75	54.00	-2.25	20.31	3	Horizontal	95.6	2.07	-	28.55	2.89	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

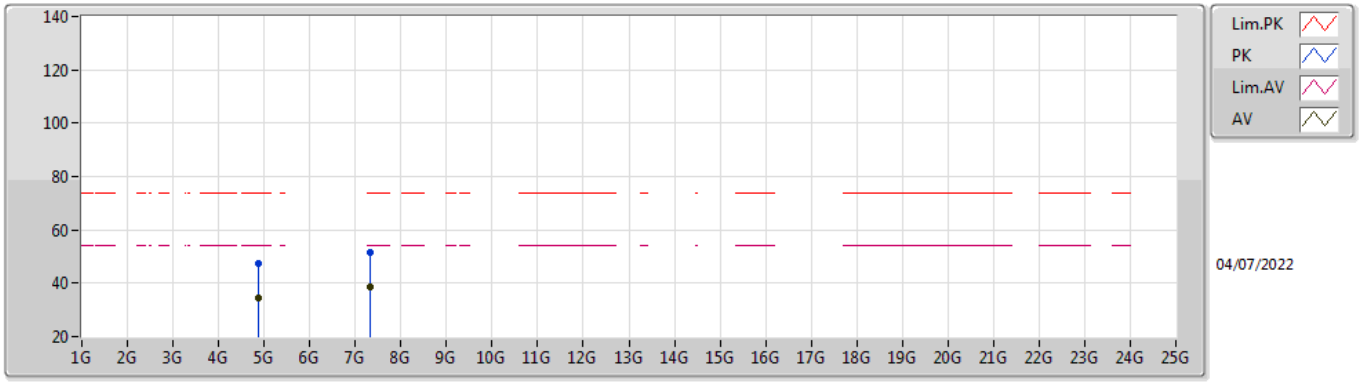


EUT Y_4TX
Setting 106
03-D-E-2

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	4.88882G	48.44	74.00	-25.56	42.36	3	Vertical	86	1.55	-	33.18	5.10	32.20
AV	4.8791G	34.62	54.00	-19.38	28.56	3	Vertical	86	1.55	-	33.16	5.10	32.20
PK	7.31316G	51.51	74.00	-22.49	41.74	3	Vertical	0	2.52	-	36.43	6.16	32.82
AV	7.31322G	38.65	54.00	-15.35	28.89	3	Vertical	0	2.52	-	36.43	6.16	32.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2437MHz_TX

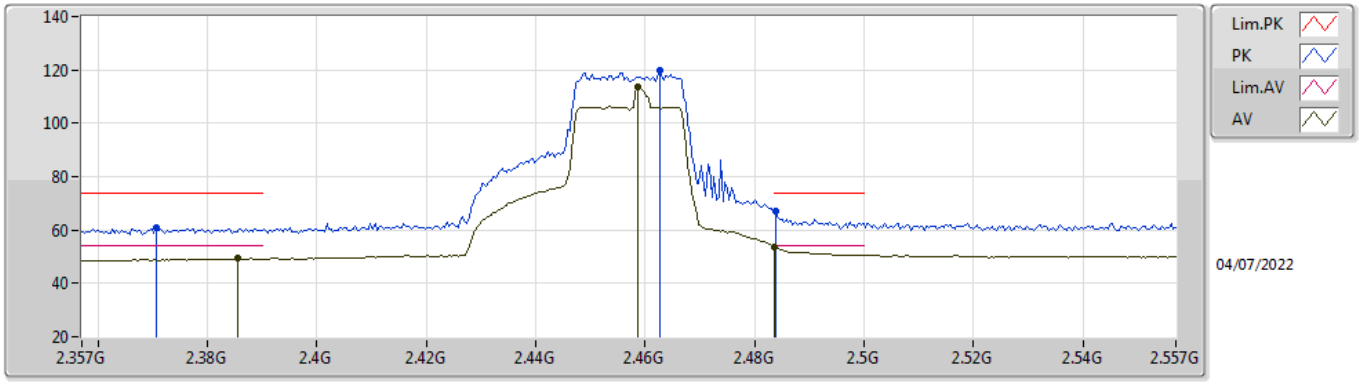


EUT Y_4TX
Setting 106
03-D-E-2

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	4.87178G	47.64	74.00	-26.36	41.61	3	Horizontal	149	1.80	-	33.14	5.10	32.21
AV	4.8776G	34.56	54.00	-19.44	28.50	3	Horizontal	149	1.80	-	33.16	5.10	32.20
PK	7.32252G	51.65	74.00	-22.35	41.88	3	Horizontal	208	1.80	-	36.45	6.16	32.84
AV	7.3146G	38.54	54.00	-15.46	28.78	3	Horizontal	208	1.80	-	36.43	6.16	32.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

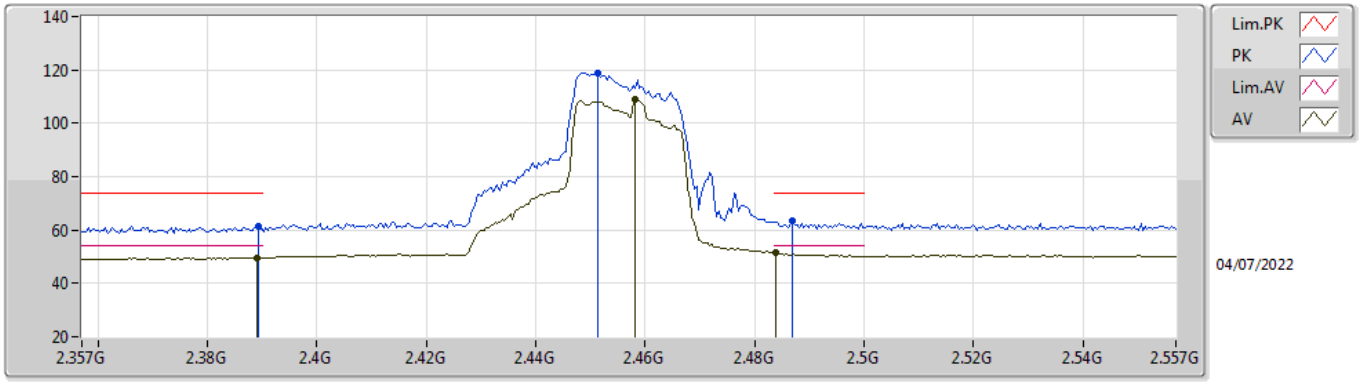


EUT Y_4TX
Setting 88
03-B-E-2

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	2.3706G	60.72	74.00	-13.28	28.17	3	Vertical	153	2.07	-	28.18	4.37	-
AV	2.3854G	49.27	54.00	-4.73	16.64	3	Vertical	153	2.07	-	28.24	4.39	-
PK	2.4626G	119.59	Inf	-Inf	86.81	3	Vertical	153	2.07	-	28.35	4.43	-
AV	2.4586G	113.40	Inf	-Inf	80.64	3	Vertical	153	2.07	-	28.33	4.43	-
PK	2.4838G	67.09	74.00	-6.91	34.21	3	Vertical	153	2.07	-	28.44	4.44	-
AV	2.4835G	53.71	54.00	-0.29	20.84	3	Vertical	153	2.07	-	28.43	4.44	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2457MHz_TX

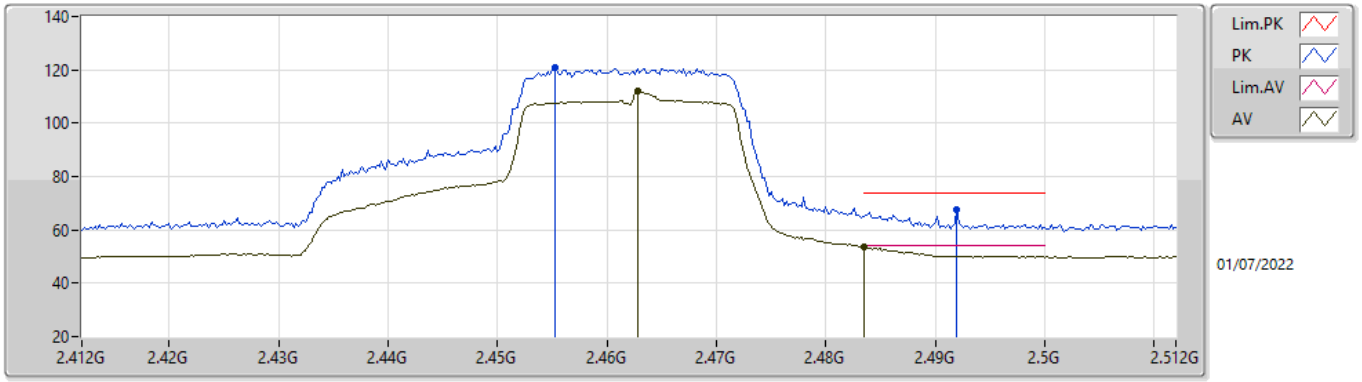


EUT Y_4TX
Setting 88
03-B-E-2

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	61.42	74.00	-12.58	28.77	3	Horizontal	88.7	1.61	-	28.26	4.39	-
AV	2.389G	49.65	54.00	-4.35	17.00	3	Horizontal	88.7	1.61	-	28.26	4.39	-
PK	2.4514G	119.05	Inf	-Inf	86.31	3	Horizontal	88.7	1.61	-	28.31	4.43	-
AV	2.4582G	109.00	Inf	-Inf	76.24	3	Horizontal	88.7	1.61	-	28.33	4.43	-
PK	2.487G	63.29	74.00	-10.71	30.40	3	Horizontal	88.7	1.61	-	28.45	4.44	-
AV	2.4838G	51.31	54.00	-2.69	18.43	3	Horizontal	88.7	1.61	-	28.44	4.44	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

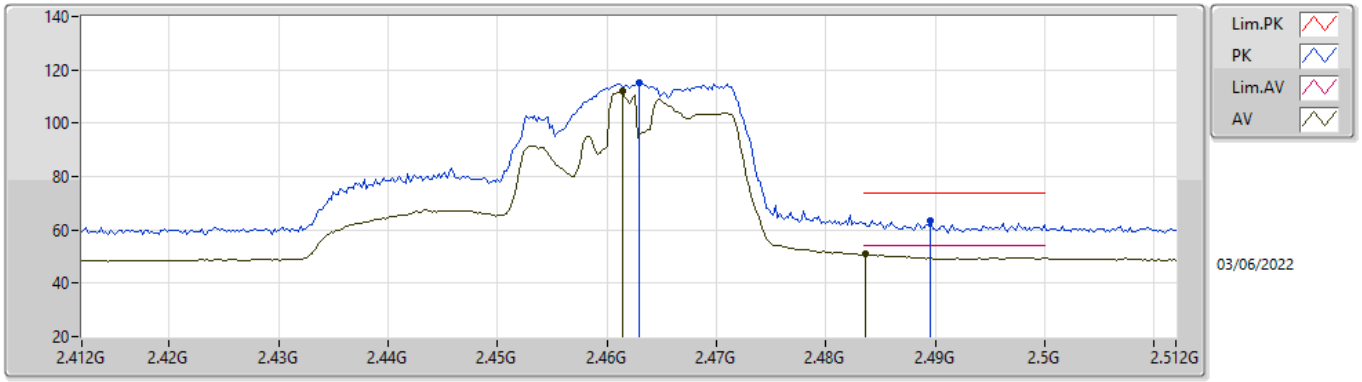


EUT Y_4TX
Setting 84
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4552G	120.62	Inf	-Inf	89.34	3	Vertical	281	1.80	-	28.42	2.86	-
AV	2.4628G	111.95	Inf	-Inf	80.64	3	Vertical	281	1.80	-	28.45	2.86	-
PK	2.492G	67.62	74.00	-6.38	36.16	3	Vertical	281	1.80	-	28.57	2.89	-
AV	2.4835G	53.80	54.00	-0.20	22.39	3	Vertical	281	1.80	-	28.53	2.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

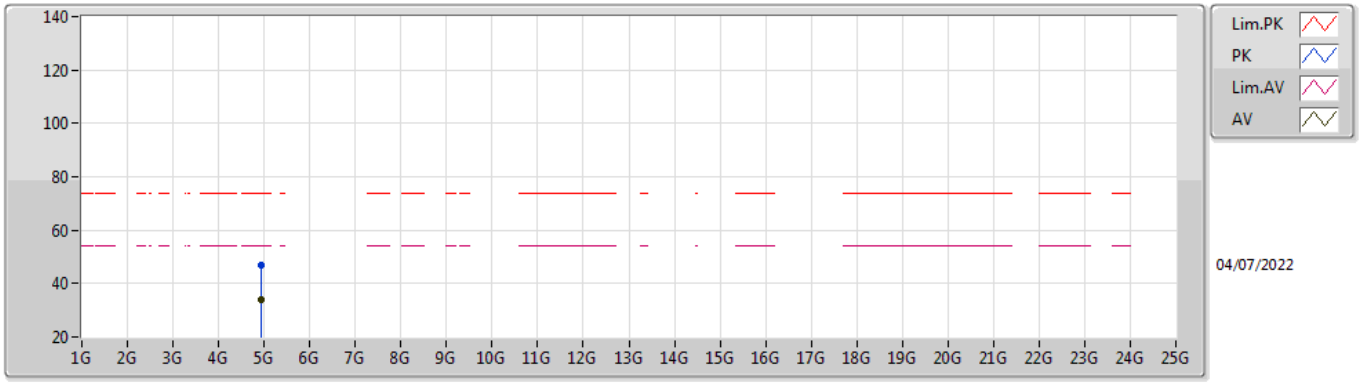


EUT Y_4TX
Setting 84
02-B-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	115.16	Inf	-Inf	83.85	3	Horizontal	330	1.80	-	28.45	2.86	-
AV	2.4614G	111.97	Inf	-Inf	80.66	3	Horizontal	330	1.80	-	28.45	2.86	-
PK	2.4896G	63.56	74.00	-10.44	32.11	3	Horizontal	330	1.80	-	28.56	2.89	-
AV	2.4836G	50.90	54.00	-3.10	19.49	3	Horizontal	330	1.80	-	28.53	2.88	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

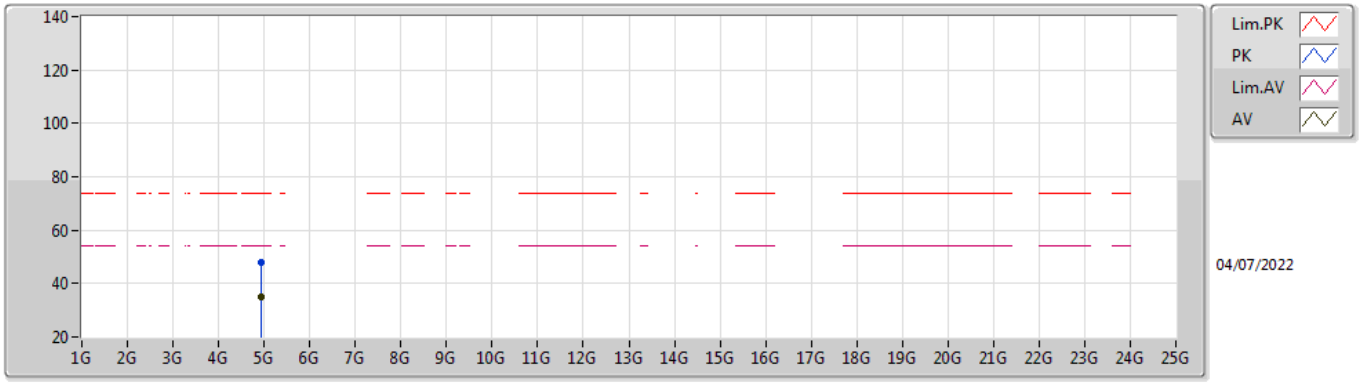


EUT Y_4TX
Setting 84
03-B-E-2

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	4.93306G	47.09	74.00	-26.91	40.90	3	Vertical	151	1.90	-	33.27	5.10	32.18
AV	4.92898G	34.22	54.00	-19.78	28.05	3	Vertical	151	1.90	-	33.26	5.10	32.19

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

2462MHz_TX

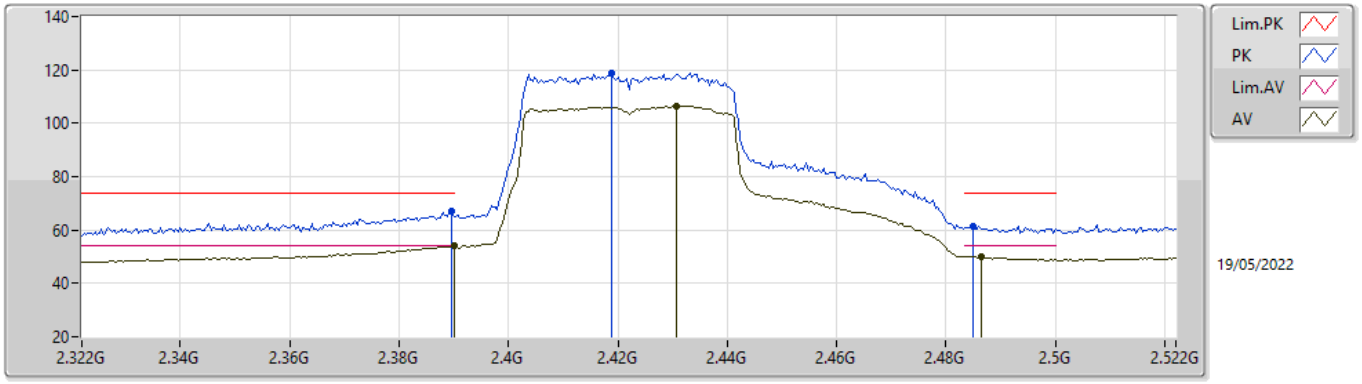


EUT Y_4TX
Setting 84
03-B-E-2

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	4.93756G	47.93	74.00	-26.07	41.73	3	Horizontal	251	3.00	-	33.28	5.10	32.18
AV	4.92436G	34.84	54.00	-19.16	28.68	3	Horizontal	251	3.00	-	33.25	5.10	32.19

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

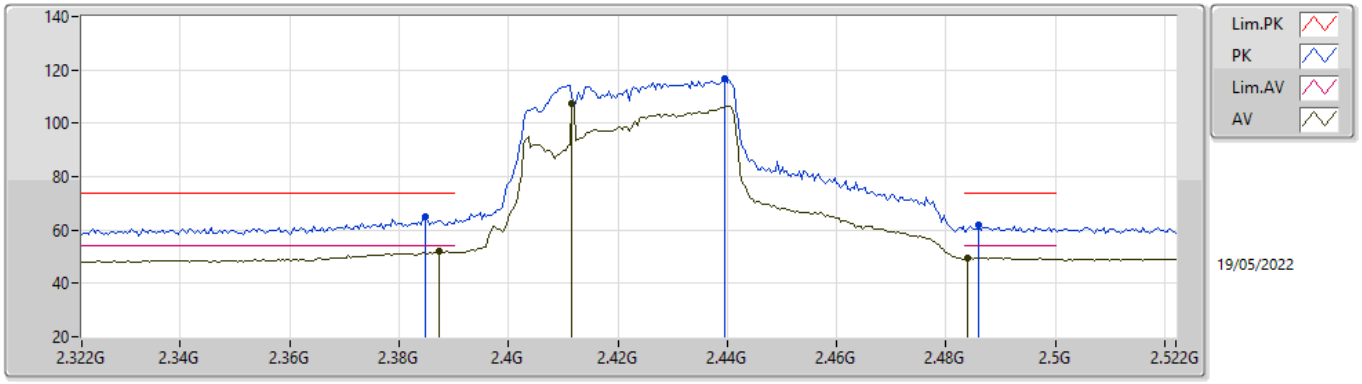


EUT Y_4TX
Setting 81
02-B-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	66.94	74.00	-7.06	35.77	3	Vertical	283.9	1.36	-	28.38	2.79	-
AV	2.39G	53.89	54.00	-0.11	22.72	3	Vertical	283.9	1.36	-	28.38	2.79	-
PK	2.4188G	118.61	Inf	-Inf	87.39	3	Vertical	283.9	1.36	-	28.40	2.82	-
AV	2.4308G	106.59	Inf	-Inf	75.36	3	Vertical	283.9	1.36	-	28.40	2.83	-
PK	2.4848G	61.27	74.00	-12.73	29.85	3	Vertical	283.9	1.36	-	28.54	2.88	-
AV	2.4864G	50.17	54.00	-3.83	18.73	3	Vertical	283.9	1.36	-	28.55	2.89	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

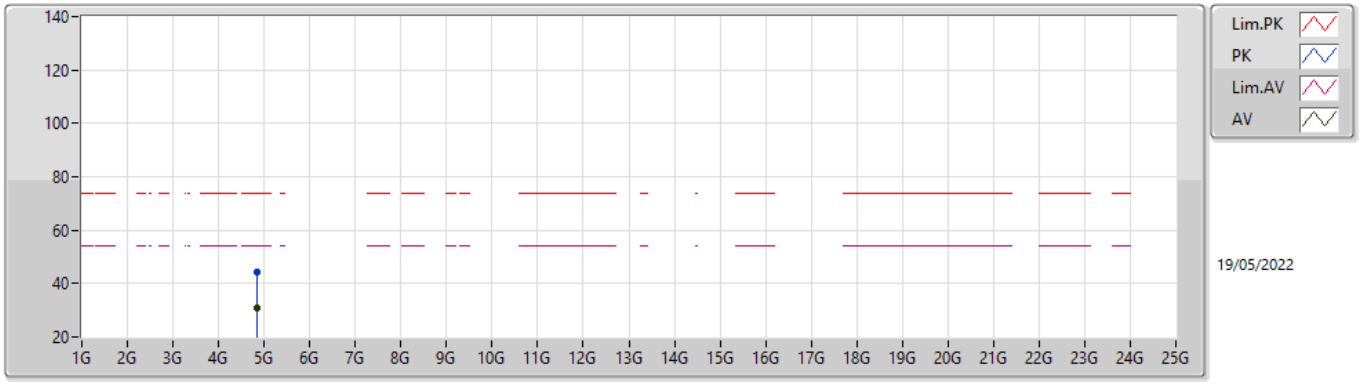


EUT Y_4TX
Setting 81
02-B-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3848G	64.89	74.00	-9.11	33.73	3	Horizontal	100	1.70	-	28.37	2.79	-
AV	2.3872G	52.11	54.00	-1.89	20.95	3	Horizontal	100	1.70	-	28.37	2.79	-
PK	2.4396G	116.71	Inf	-Inf	85.47	3	Horizontal	100	1.70	-	28.40	2.84	-
AV	2.4116G	107.35	Inf	-Inf	76.14	3	Horizontal	100	1.70	-	28.40	2.81	-
PK	2.486G	61.71	74.00	-12.29	30.28	3	Horizontal	100	1.70	-	28.54	2.89	-
AV	2.484G	49.61	54.00	-4.39	18.19	3	Horizontal	100	1.70	-	28.54	2.88	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

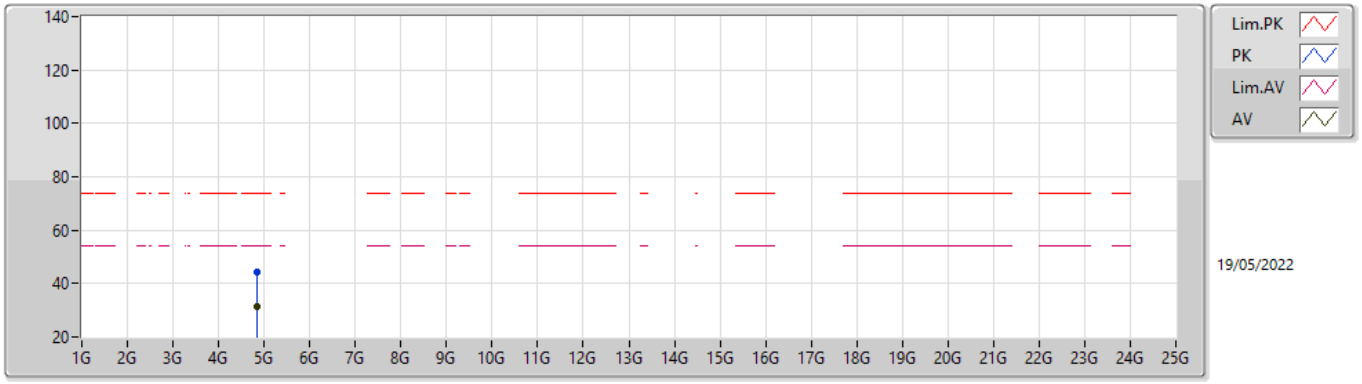


EUT Y_4TX
Setting 81
02-B-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83122G	44.47	74.00	-29.53	38.60	3	Vertical	5	1.80	-	32.99	5.10	32.22
AV	4.8329G	30.91	54.00	-23.09	25.03	3	Vertical	5	1.80	-	33.00	5.10	32.22

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2422MHz_TX

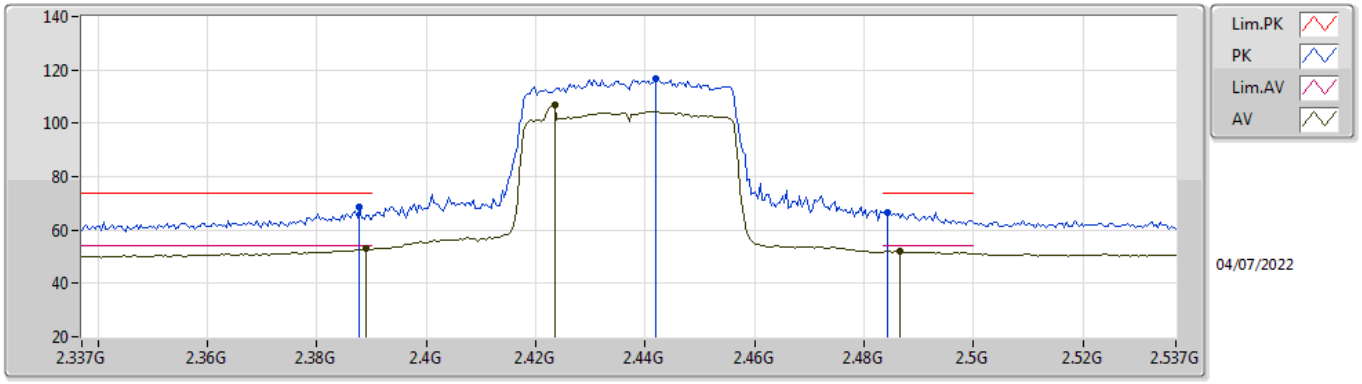


EUT Y_4TX
Setting 81
02-B-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83284G	44.52	74.00	-29.48	38.64	3	Horizontal	140	1.80	-	33.00	5.10	32.22
AV	4.83188G	31.43	54.00	-22.57	25.56	3	Horizontal	140	1.80	-	32.99	5.10	32.22

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

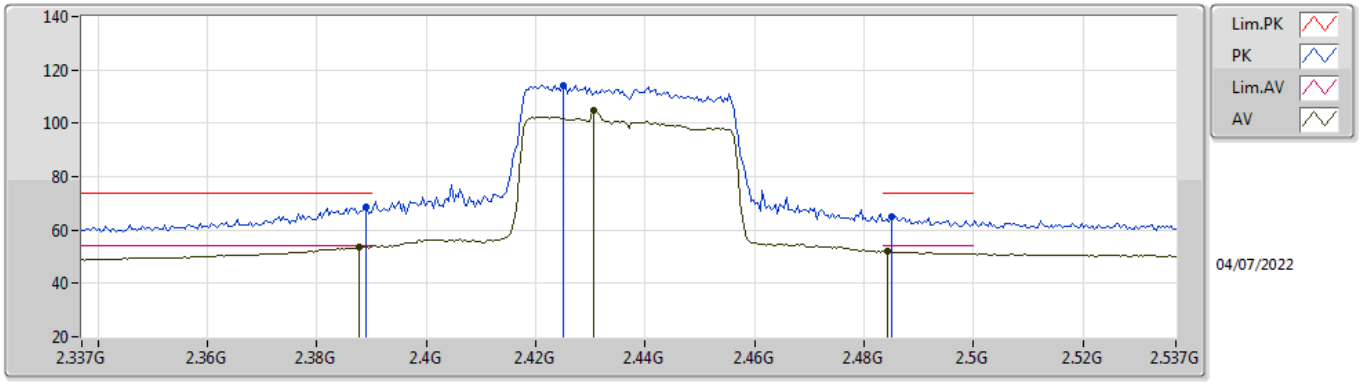


EUT Y_4TX
Setting 73
03-B-E-2

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	2.3878G	68.47	74.00	-5.53	35.83	3	Vertical	72.5	2.34	-	28.25	4.39	-
AV	2.389G	53.08	54.00	-0.92	20.43	3	Vertical	72.5	2.34	-	28.26	4.39	-
PK	2.4418G	116.80	Inf	-Inf	84.08	3	Vertical	72.5	2.34	-	28.30	4.42	-
AV	2.4234G	107.01	Inf	-Inf	74.30	3	Vertical	72.5	2.34	-	28.30	4.41	-
PK	2.4842G	66.80	74.00	-7.20	33.92	3	Vertical	72.5	2.34	-	28.44	4.44	-
AV	2.4866G	51.95	54.00	-2.05	19.06	3	Vertical	72.5	2.34	-	28.45	4.44	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

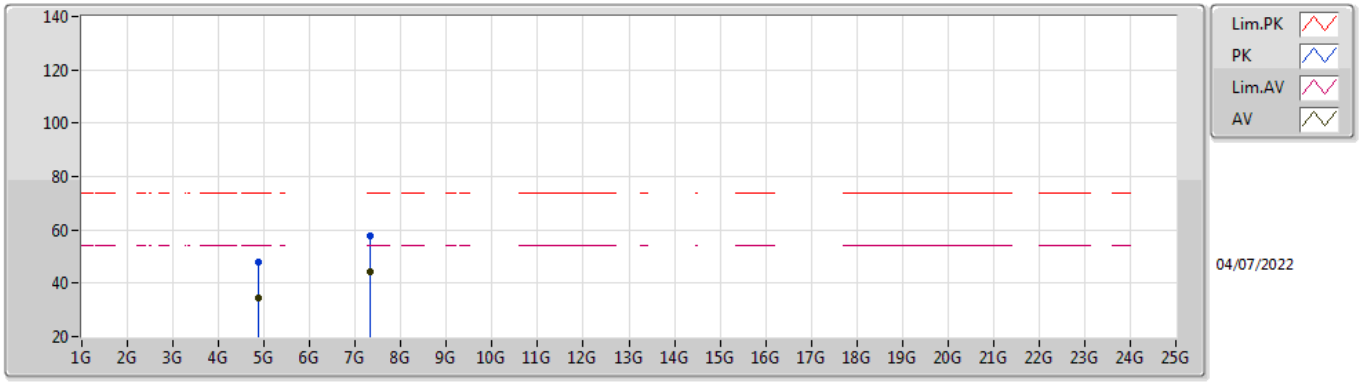


EUT Y_4TX
Setting 73
03-B-E-2

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	2.389G	68.62	74.00	-5.38	35.97	3	Horizontal	275	1.80	-	28.26	4.39	-
AV	2.3878G	53.75	54.00	-0.25	21.11	3	Horizontal	275	1.80	-	28.25	4.39	-
PK	2.425G	114.18	Inf	-Inf	81.47	3	Horizontal	275	1.80	-	28.30	4.41	-
AV	2.4306G	104.59	Inf	-Inf	71.87	3	Horizontal	275	1.80	-	28.30	4.42	-
PK	2.485G	65.20	74.00	-8.80	32.32	3	Horizontal	275	1.80	-	28.44	4.44	-
AV	2.4842G	52.09	54.00	-1.91	19.21	3	Horizontal	275	1.80	-	28.44	4.44	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

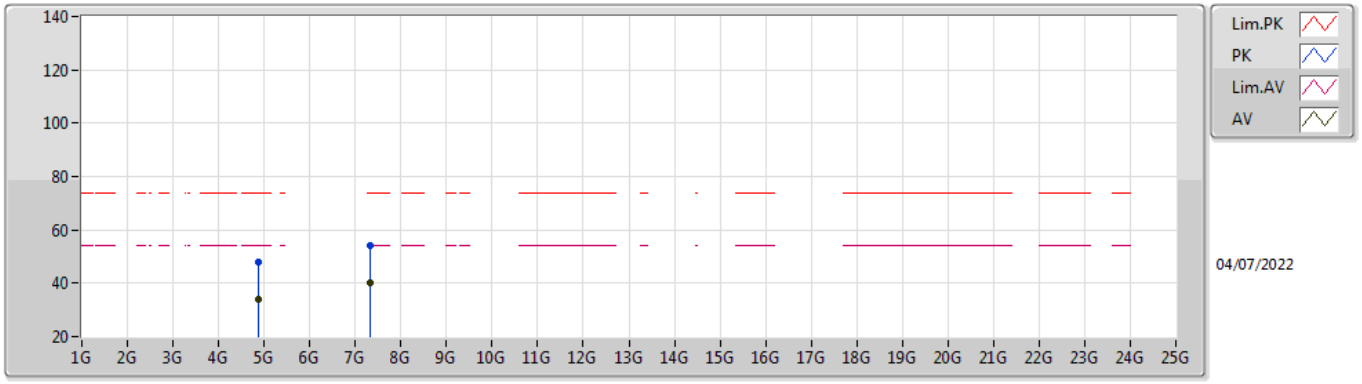


EUT Y_4TX
Setting 73
03-B-E-2

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	4.87465G	48.06	74.00	-25.94	42.26	3	Vertical	291	1.60	-	33.60	7.10	34.90
AV	4.87399G	34.36	54.00	-19.64	28.56	3	Vertical	291	1.60	-	33.60	7.10	34.90
PK	7.31152G	57.82	74.00	-16.18	47.62	3	Vertical	4	1.48	-	36.92	8.42	35.14
AV	7.31184G	44.28	54.00	-9.72	34.08	3	Vertical	4	1.48	-	36.92	8.42	35.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2437MHz_TX

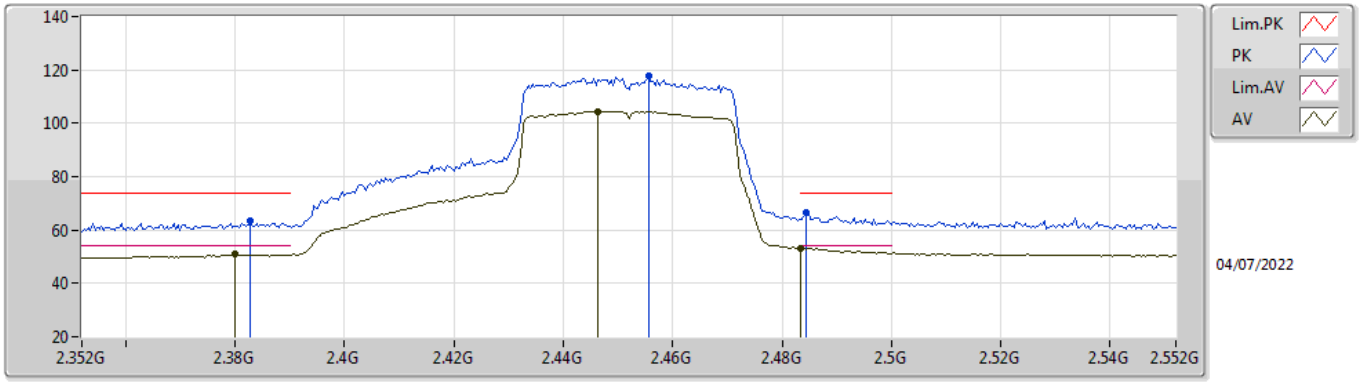


EUT Y_4TX
Setting 73
03-B-E-2

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	4.87484G	48.16	74.00	-25.84	42.36	3	Horizontal	73	1.80	-	33.60	7.10	34.90
AV	4.87352G	34.11	54.00	-19.89	28.32	3	Horizontal	73	1.80	-	33.59	7.10	34.90
PK	7.31184G	54.24	74.00	-19.76	44.04	3	Horizontal	115	2.03	-	36.92	8.42	35.14
AV	7.31167G	40.23	54.00	-13.77	30.03	3	Horizontal	115	2.03	-	36.92	8.42	35.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

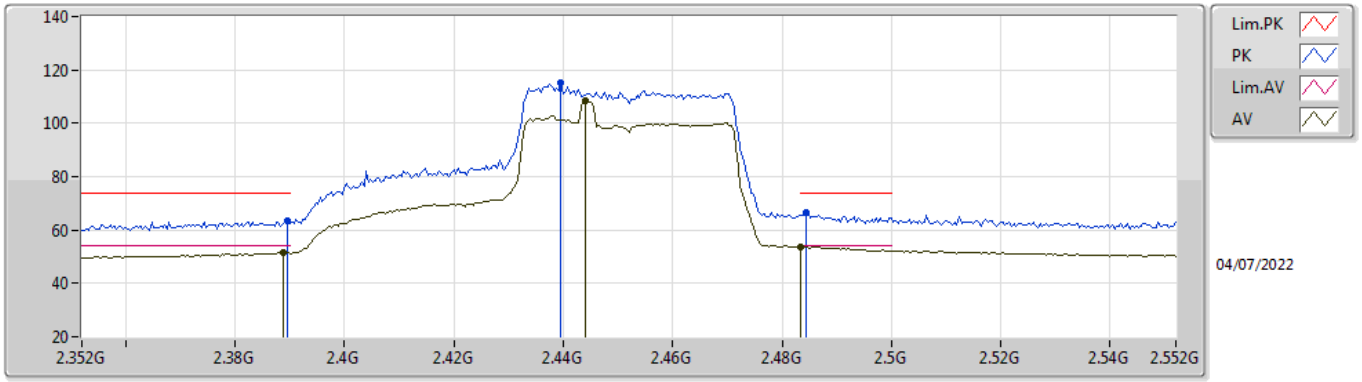


EUT Y_4TX
Setting 77
03-B-E-2

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	2.3828G	63.49	74.00	-10.51	30.88	3	Vertical	279	2.23	-	28.23	4.38	-
AV	2.38G	50.92	54.00	-3.08	18.32	3	Vertical	279	2.23	-	28.22	4.38	-
PK	2.4556G	117.58	Inf	-Inf	84.83	3	Vertical	279	2.23	-	28.32	4.43	-
AV	2.4464G	104.48	Inf	-Inf	71.76	3	Vertical	279	2.23	-	28.30	4.42	-
PK	2.4844G	66.44	74.00	-7.56	33.56	3	Vertical	279	2.23	-	28.44	4.44	-
AV	2.4835G	53.18	54.00	-0.82	20.31	3	Vertical	279	2.23	-	28.43	4.44	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

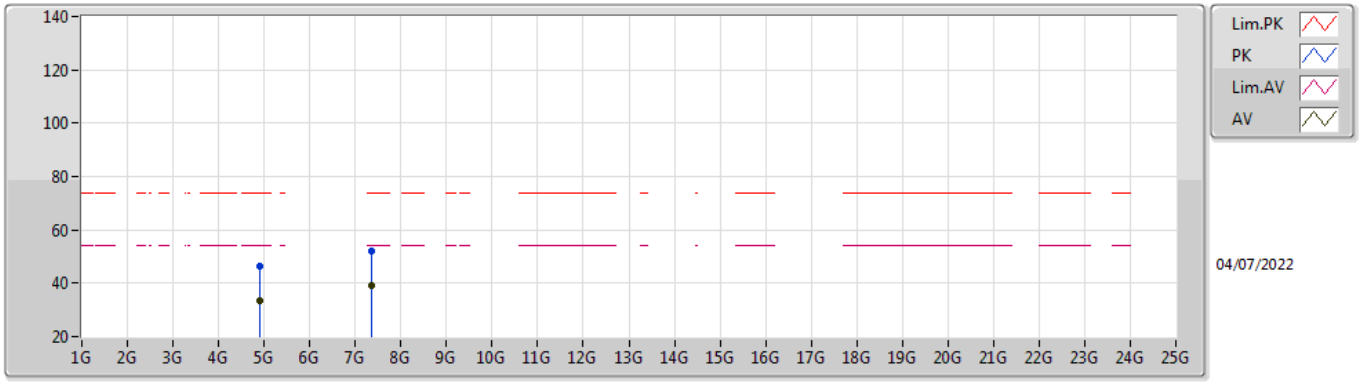


EUT Y_4TX
Setting 77
03-B-E-2

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	2.3896G	63.66	74.00	-10.34	31.01	3	Horizontal	277.2	1.82	-	28.26	4.39	-
AV	2.3888G	51.37	54.00	-2.63	18.72	3	Horizontal	277.2	1.82	-	28.26	4.39	-
PK	2.4396G	115.01	Inf	-Inf	82.29	3	Horizontal	277.2	1.82	-	28.30	4.42	-
AV	2.444G	108.44	Inf	-Inf	75.72	3	Horizontal	277.2	1.82	-	28.30	4.42	-
PK	2.4844G	66.76	74.00	-7.24	33.88	3	Horizontal	277.2	1.82	-	28.44	4.44	-
AV	2.4835G	53.67	54.00	-0.33	20.80	3	Horizontal	277.2	1.82	-	28.43	4.44	-

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX

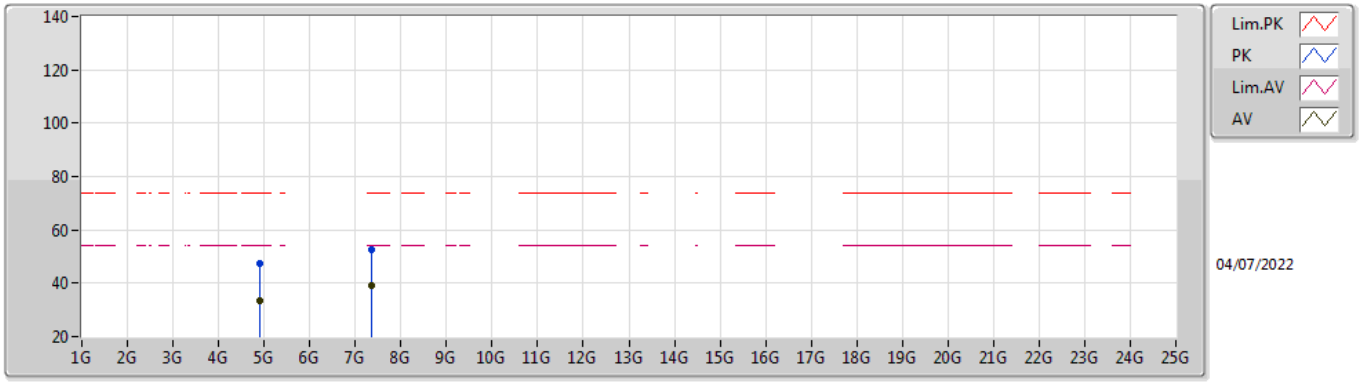


EUT Y_4TX
Setting 77
03-B-E-2

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	4.90383G	46.56	74.00	-27.44	40.64	3	Vertical	310	1.80	-	33.71	7.10	34.89
AV	4.90425G	33.38	54.00	-20.62	27.46	3	Vertical	310	1.80	-	33.71	7.10	34.89
PK	7.35501G	52.20	74.00	-21.80	41.85	3	Vertical	326	2.16	-	37.00	8.51	35.16
AV	7.35579G	39.03	54.00	-14.97	28.68	3	Vertical	326	2.16	-	37.00	8.51	35.16

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

2452MHz_TX



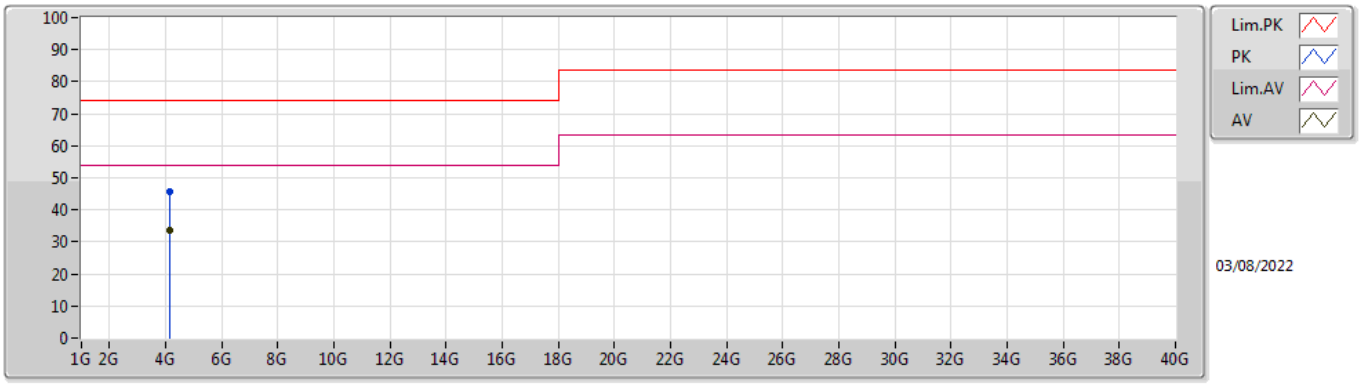
EUT Y_4TX
Setting 77
03-B-E-2

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	4.90461G	47.38	74.00	-26.62	41.46	3	Horizontal	42	2.52	-	33.71	7.10	34.89
AV	4.9042G	33.26	54.00	-20.74	27.34	3	Horizontal	42	2.52	-	33.71	7.10	34.89
PK	7.35532G	52.76	74.00	-21.24	42.41	3	Horizontal	78	1.80	-	37.00	8.51	35.16
AV	7.35525G	39.19	54.00	-14.81	28.84	3	Horizontal	78	1.80	-	37.00	8.51	35.16

Summary

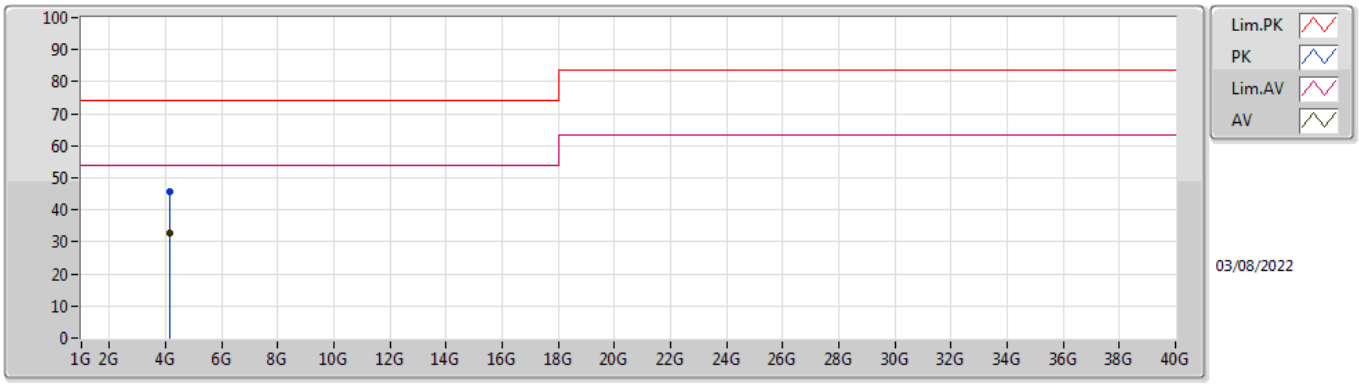
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.1611G	33.60	54.00	-20.40	Vertical

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	4.16525G	45.88	74.00	-28.12	2.62	3	Vertical	136	1.86	-	43.26	31.03	6.18	34.59
AV	4.1611G	33.60	54.00	-20.40	2.60	3	Vertical	136	1.86	"Worst"	31.00	31.02	6.18	34.60

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	4.16031G	45.53	74.00	-28.47	2.59	3	Horizontal	186	1.58	-	42.94	31.02	6.18	34.61
AV	4.16092G	32.65	54.00	-21.35	2.60	3	Horizontal	186	1.58	"Worst"	30.05	31.02	6.18	34.60