Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	TLZ-XH32X
Equipment	:	IEEE 802.11 a/b/g/n/ac/ax Wi-Fi + Bluetooth 5.3 Combo SIP Module
Brand Name	:	AzureWave
Model Name	:	AW-XH323, AW-XH325, AW-XH327
Applicant	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Manufacturer	:	AzureWave Technologies, Inc. 8F., No.94, Baozhong Rd. , Xindian Dist., New Taipei City , Taiwan 231
Standard	:	47 CFR FCC Part 15.247

The product was received on Dec. 14, 2023, and testing was started from Dec. 16, 2023 and completed on Apr. 11, 2024. 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
FR3O3014AA	01	Initial issue of report	Apr. 25, 2024

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	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Sophia Shiung

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]

For SKU 1:

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

For SKU 2:

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

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

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	ARISTOTLE	RFA-27-JP326MHF4C198	PIFA	I-PEX	Note 1
2					

Note 1:

Ant.	Port		Gain (dBi)		
	WLAN 2.4GHz / 5GHz / 6GHz	Bluetooth	WLAN 2.4GHz	WLAN 5GHz / 6GHz	Bluetooth
1	1	1	3.5	5	3.5
2	2	N/A			

Note 2: The above information was declared by manufacturer.
Note 3: Directional gain information for 2TX/2RX

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

Ex.

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

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

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

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

Where ;

2.4G G1= 3.5 dBi ;G2= 3.5 dBi ;

5G UNII-1 G1 = 5.00 dBi; G2 = 5.00 dBi;

5G UNII-2A G1 = 5.00 dBi; G2 = 5.00 dBi;

5G UNII-2C G1 = 5.00 dBi; G2 = 5.00 dBi;

5G UNII-3 G1 = 5.00 dBi; G2 = 5.00 dBi;

2.4G DG = 6.51 dBi

5G UNII-1 DG = 8.01 dBi

5G UNII-2A DG = 8.01 dBi

5G UNII-2C DG = 8.01 dB

5G UNII-3 DG = 8.01 dBi

Note 4: **For 2.4GHz function:**

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

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

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

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

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11ax (1TX/1RX):

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

For IEEE 802.11ax (2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

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

1.1.3 Mode Test Duty Cycle

For SKU 1:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss 1,(6D)	0.941	0.26	1.43m	1k
802.11ax HEW20_Nss 1,(M0)	0.91	0.41	1.045m	1k
802.11ax HEW20-BF_Nss 1,(M0)	0.91	0.41	1.045m	1k

For SKU 2:

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.94	0.27	1.428m	1k
802.11ax HEW20	0.91	0.41	1.044m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz and ax in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Tera Term 4.75			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Description
AW-XH323	All the models are identical, the different model names serve as strategies for marketing.
AW-XH325	
AW-XH327	

Note 1: From the above models, AW-XH323 was selected as representative model for the test, and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Information

The EUT has 3 SKUs. The difference between them lies in the software settings listed below:

SKU	TX/RX Function for WLAN	Supporting WLAN 6GHz
1	2TX/2RX	V
2	1TX/1RX	V
3	2TX/2RX	X

Note 1: From the above SKUs, SKU 1 and SKU 2 were selected to test all the test items, and their data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.247
- ANSI C63.10-2013

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

- FCC KDB 558074 D01 v05r02
- FCC KDB 662911 D01 v02r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Ken Yeh	21.4~22.7 / 66~68	Dec. 21, 2023~ Jan. 15, 2024
Radiated < 1GHz	03CH04-CB	Black Lu	22.7~23.8 / 56~59	Mar. 19, 2024~ Apr. 11, 2024
Radiated > 1GHz	03CH02-CB	Black Lu	22~23 / 55~58	Dec. 16, 2023~ Jan. 12, 2024
AC Conduction	CO01-CB	Joe Chu	22~23 / 50~51	Mar. 27, 2024

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.1 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For SKU 1:

Mode
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz

For SKU 2:

Mode
802.11b_Nss1,(1Mbps)_1TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_1TX
2412MHz
2417MHz
2437MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_1TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT (SKU 1)_WLAN 2.4GHz + Bluetooth
2	EUT (SKU 1)_WLAN 5GHz + Bluetooth
3	EUT (SKU 1)_WLAN 6GHz + Bluetooth
4	EUT (SKU 2)_WLAN 2.4GHz + Bluetooth
5	EUT (SKU 2)_WLAN 5GHz + Bluetooth
6	EUT (SKU 2)_WLAN 6GHz + Bluetooth
For operating, Mode 4 was the worst case, and it was recorded in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Maximum Conducted Output Power Power Spectral Density Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
1	EUT (SKU 1)
2	EUT (SKU 2)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal link
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case was found at Z axis. Thus, the measurement will follow this same test configuration.
1	EUT (SKU 1) in Z axis_WLAN 2.4GHz + Bluetooth
2	EUT (SKU 1) in Z axis_WLAN 5GHz + Bluetooth
3	EUT (SKU 1) in Z axis_WLAN 6GHz + Bluetooth
4	EUT (SKU 2) in Z axis_WLAN 2.4GHz + Bluetooth
5	EUT (SKU 2) in Z axis_WLAN 5GHz + Bluetooth
6	EUT (SKU 2) in Z axis_WLAN 6GHz + Bluetooth
For operating, Mode 1 was the worst case, and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	The EUT (SKU 1) and EUT (SKU 2) were performed at X axis, Y axis and Z axis position. Their worst cases are listed as below:
1	EUT (SKU 1) in Z axis (Bandedge)
	EUT (SKU 1) in X axis (Harmonic)
2	EUT (SKU 2) in Y axis (Bandedge)
	EUT (SKU 2) in X axis (Harmonic)

Note: The EUT can enable the WLAN function and the Bluetooth function at the same time, but they cannot function simultaneously. There will be a time delay between switching from each function.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture 1	AZW	2460-i3	N/A
B	Fixture 2	AZW	2460-i6	N/A
C	Control NB	DELL	E6430	N/A
D	NB 1	DELL	E6430	N/A
E	AP Router	TP-LINK	Archer C54	N/A
F	NB 2	DELL	E6430	N/A
G	iPad mini	Apple	A1489	N/A
H	Mouse	acer	MOBVUO	N/A
I	Earphone	e-Power	GT-02	N/A

For Radiated < 1GHz:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture 1	AZW	2460-i3	N/A
B	Fixture 2	AZW	2460-i6	N/A
C	NB 1	DELL	E6230	N/A
D	WLAN AP	ASUS	RT-AX88U	N/A
E	NB 2	DELL	E4300	N/A
F	Mouse	Logitech	M-U0026	N/A
G	Earphone	e-Power	S90W	N/A
H	iPad	Apple	A1430	N/A

For Radiated > 1GHz:

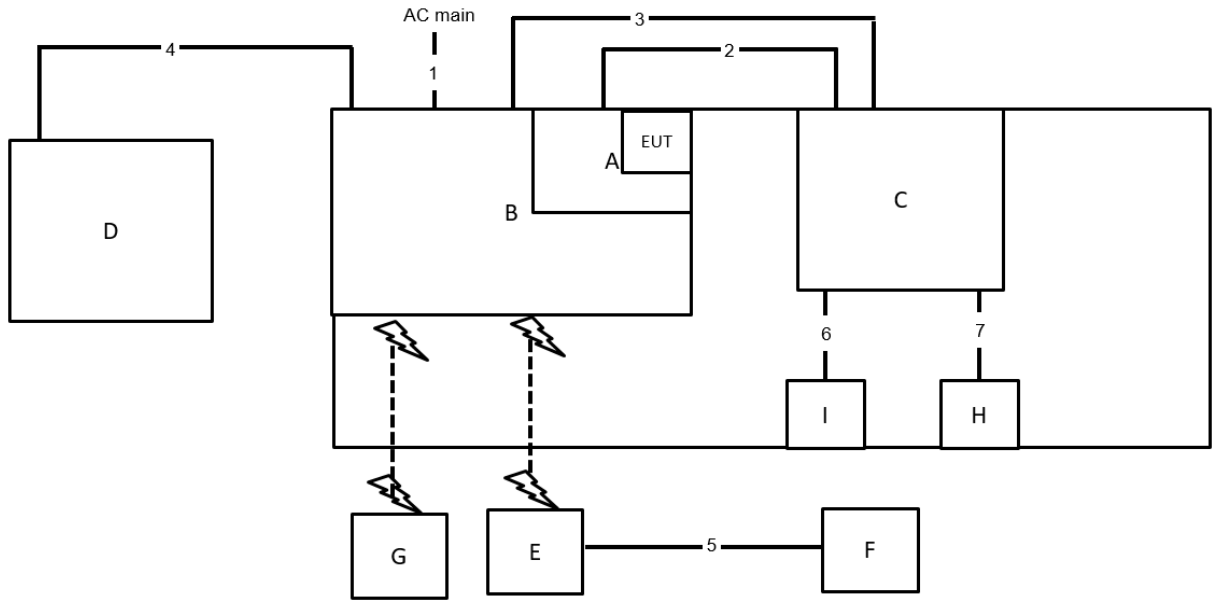
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Fixture 1	AZW	2460-i3	N/A
B	Fixture 2	AZW	2460-i6	N/A
C	NB	DELL	E6230	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	USB to TypeC cable	PHILIPS	DLC4543	N/A
C	USB to TypeC cable	PHILIPS	DLC4543	N/A
D	Fixture 1	AZW	2460-i3	N/A
E	Fixture 2	AZW	2460-i6	N/A

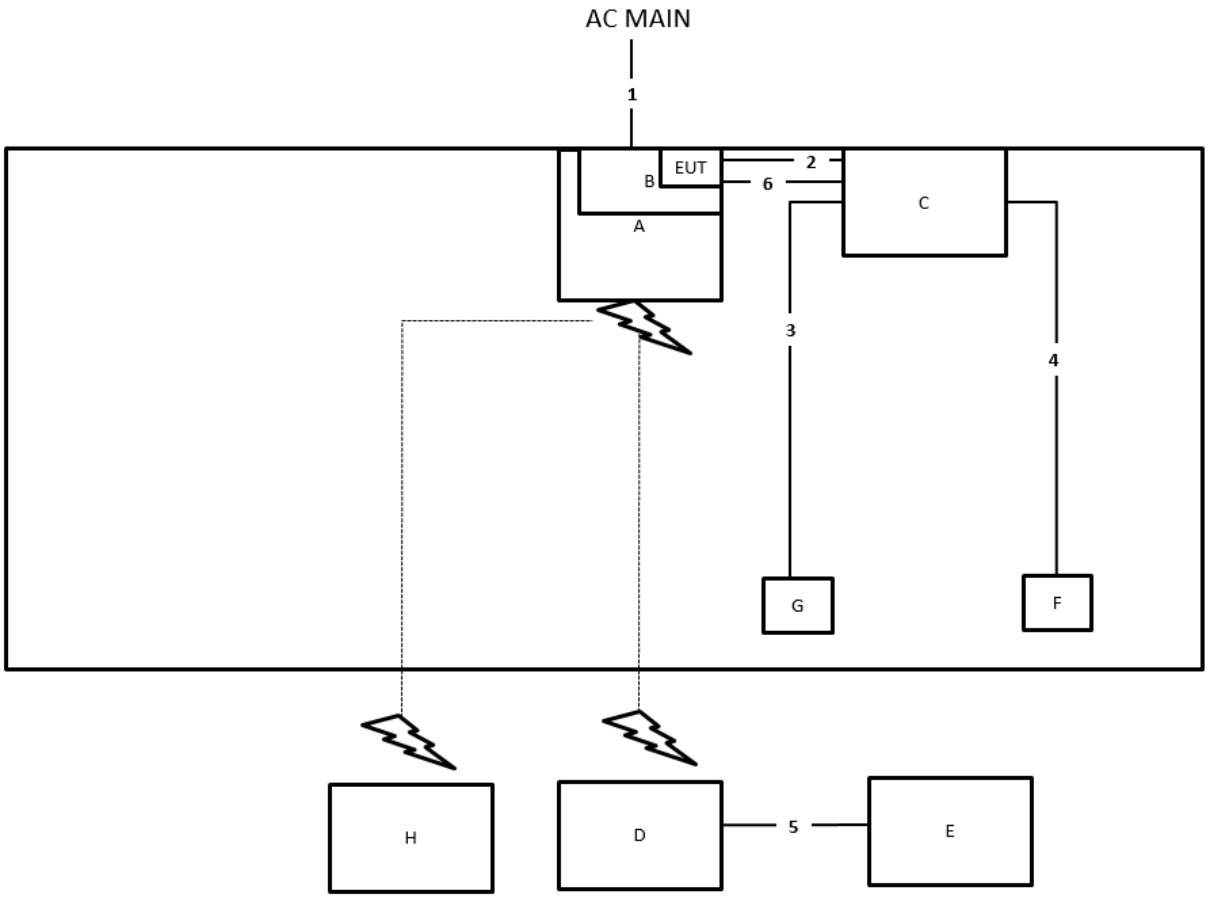
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



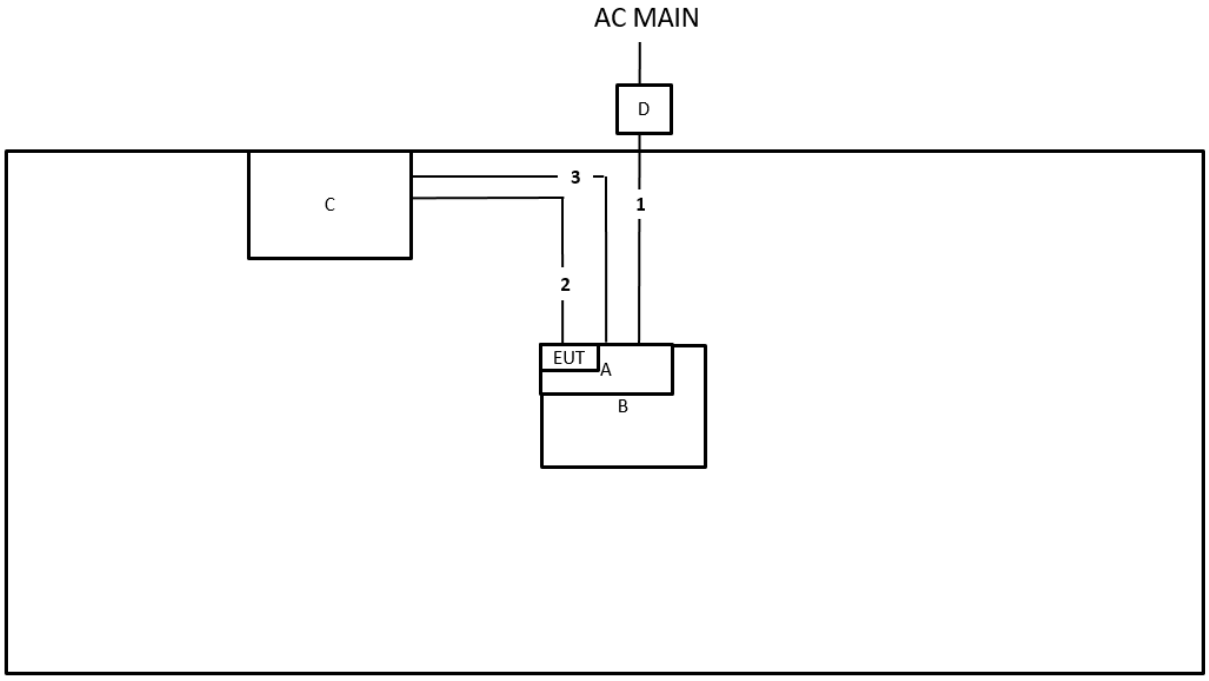
Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	Type C USB cable	Yes	0.5m
3	Type C USB cable	Yes	1m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1.5m
6	Audio cable	No	1m
7	USB cable	Yes	1m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	USB to TypeC cable	Yes	1m
3	Audio cable	No	1m
4	USB cable	Yes	1.5m
5	RJ-45 cable	No	10m
6	USB to TypeC cable	Yes	1m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.9m
2	USB to TypeC cable	Yes	1m
3	USB to TypeC cable	Yes	1m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

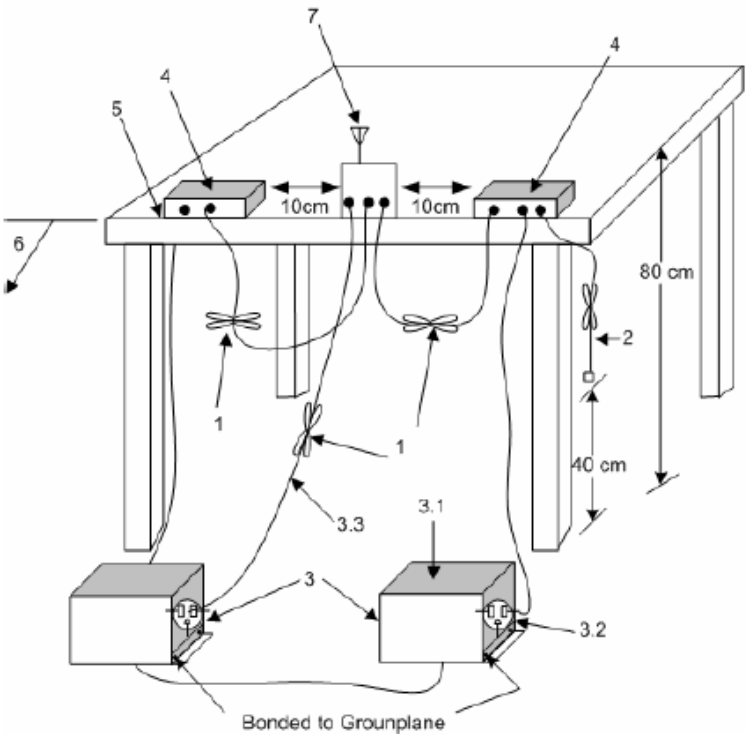
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
▪ 6 dB bandwidth ≥ 500 kHz.

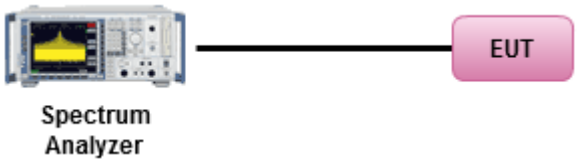
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
▪ For the emission bandwidth shall be measured using one of the options below:	
	☒ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.1 Option 1 for 6 dB bandwidth measurement.
	☐ Refer as FCC KDB 558074, clause 8.2 & C63.10 clause 11.8.2 Option 2 for 6 dB bandwidth measurement.
	☐ Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
	▪ If $G_{TX} \leq 6$ dBi, then $P_{Out} \leq 30$ dBm (1 W)
	▪ Point-to-multipoint systems (P2M): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)$ dBm
	▪ Point-to-point systems (P2P): If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
	▪ Smart antenna system (SAS):
	- Single beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
	- Overlap beam: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3$ dBm
	- Aggregate power on all beams: If $G_{TX} > 6$ dBi, then $P_{Out} = 30 – (G_{TX} – 6)/3 + 8$dB dBm
P_{Out} = maximum peak conducted output power or maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).

▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

Power Spectral Density Limit
▪ Power Spectral Density (PSD) ≤ 8 dBm/3kHz

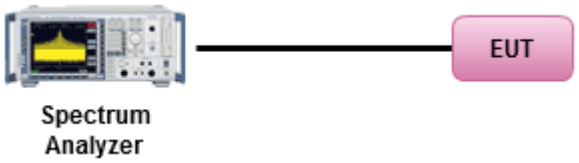
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method			
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power. If maximum peak conducted output power was measured to demonstrate compliance to the output power limit, then the peak PSD procedure below (Method PKPSD) shall be used. If maximum conducted output power was measured to demonstrate compliance to the output power limit, then one of the average PSD procedures shall be used, as applicable based on the following criteria (the peak PSD procedure is also an acceptable option).			
	☒ Refer as FCC KDB 558074, clause 8.4 & C63.10 clause 11.10 Method Max. PSD.		
▪ For conducted measurement.			
	▪ If The EUT supports multiple transmit chains using options given below:		
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,	
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.	

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dBc)**
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

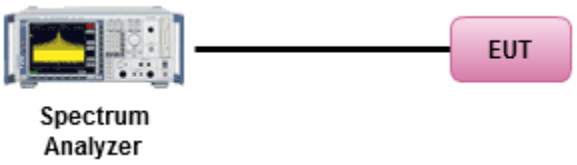
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
▪ Refer as FCC KDB 558074, clause 8.5 for unwanted emissions into non-restricted bands.

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.6.2 Measuring Instruments

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

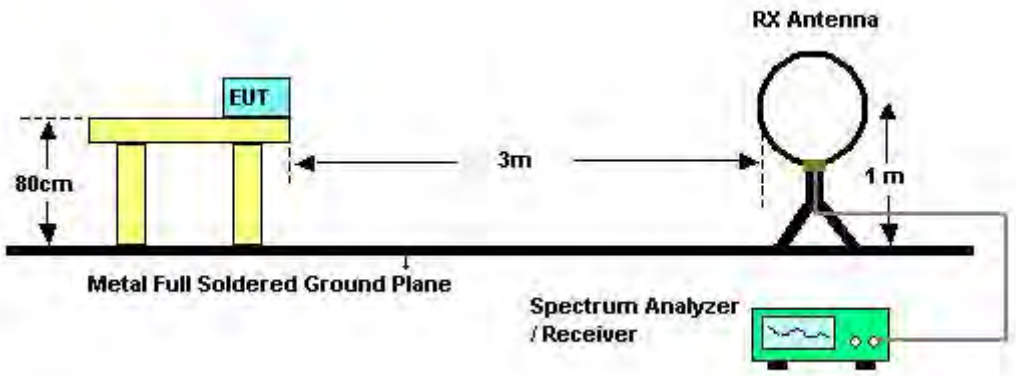
3.6.3 Test Procedures

Test Method			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074, clause 8.6 for unwanted emissions into restricted bands.		
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.1(trace averaging for duty cycle ≥98%).
		☐	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.2(trace averaging + duty factor).
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.5.3(Reduced VBW≥1/T).
		☐	Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐	Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒	Refer as FCC KDB 558074, clause 8.6 & C63.10 clause 11.12.2.4 measurement procedure peak limit.
▪ For the transmitter band-edge emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 558074 clause 8.7 & C63.10 clause 11.13.1, When the performing peak or average radiated measurements, emissions within 2 MHz of the authorized band edge may be measured using the marker-delta method described below.		
	▪ Refer as FCC KDB 558074, clause 8.7 (ANSI C63.10, clause 6.10.6) for marker-delta method for band-edge measurements.		
	▪ Refer as FCC KDB 558074, clause 8.7 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels (i.e., 1 MHz).		
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB		
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.		

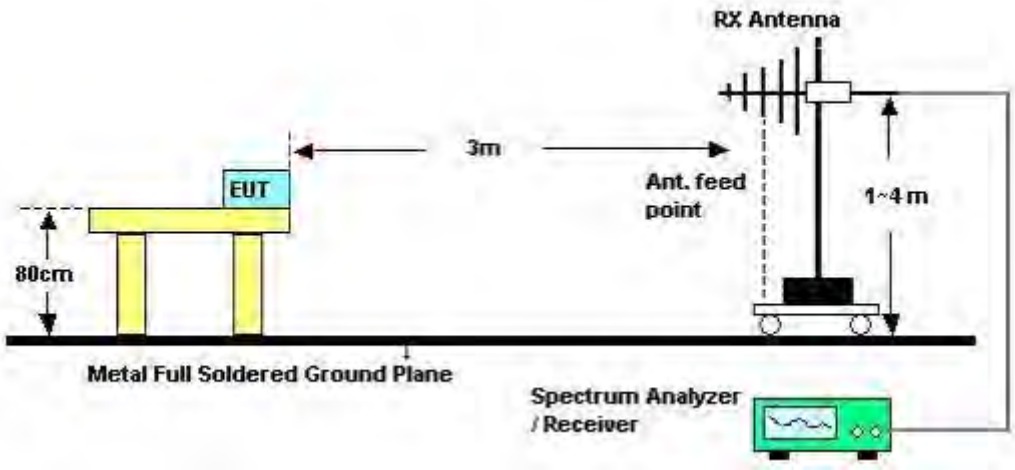
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

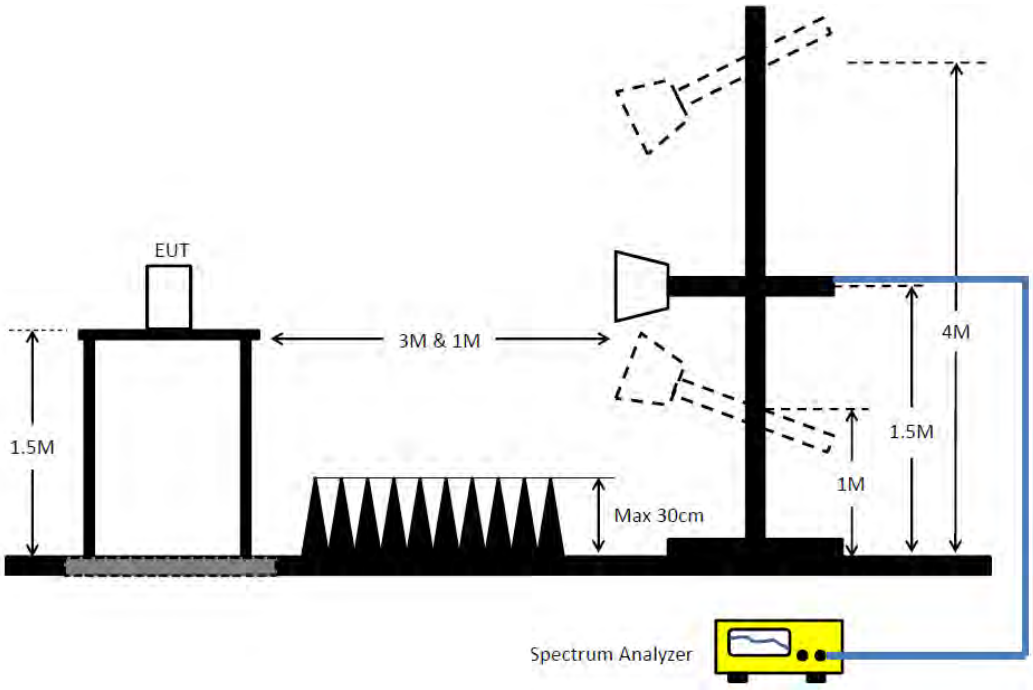
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 27, 2023	Apr. 26, 2024	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30MHz ~ 1GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 07, 2023	Oct. 06, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 23, 2023	May 22, 2024	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 25, 2023	Mar. 24, 2024	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1GHz – 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 12, 2023	Sep. 11, 2024	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

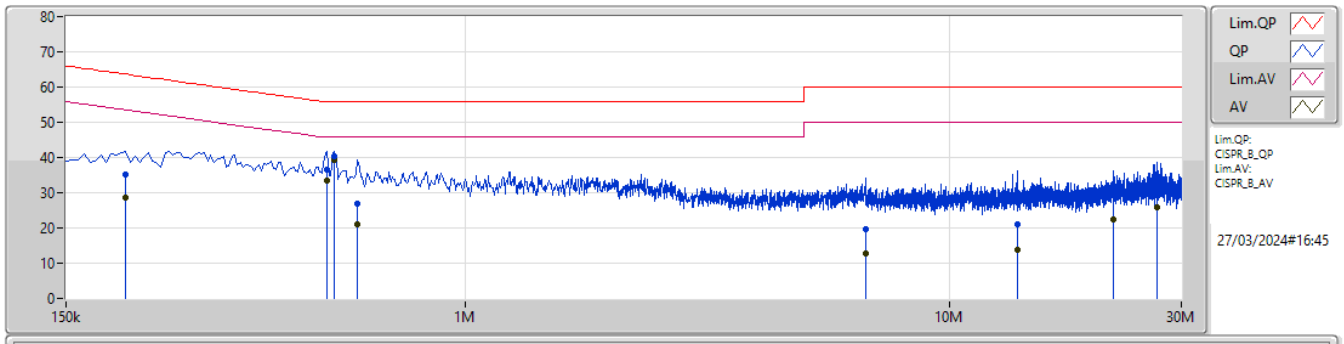
Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.

Summary

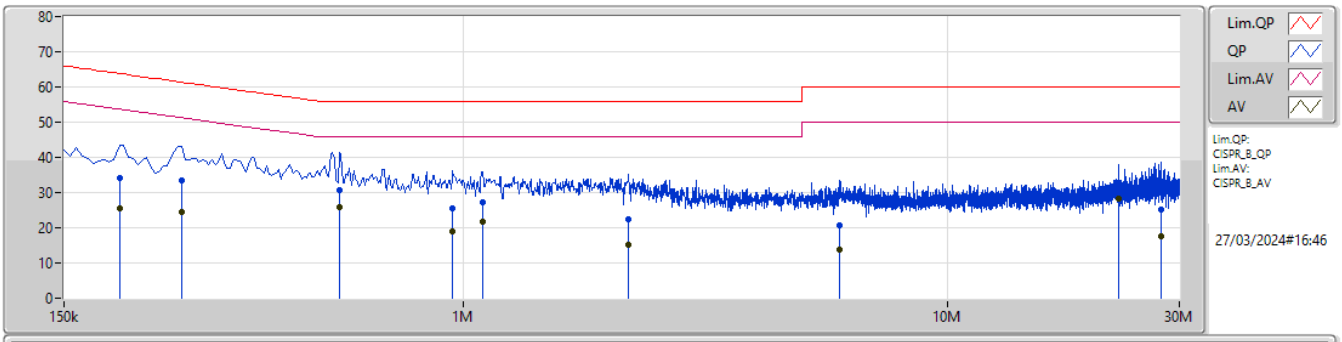
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 4	Pass	AV	537k	39.20	46.00	-6.80	Line

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	199.5k	35.21	63.63	-28.42	9.95	Line	-	25.26	0.08	0.02	9.85
AV	199.5k	28.70	53.63	-24.93	9.95	Line	-	18.75	0.08	0.02	9.85
QP	519k	36.53	56.00	-19.47	10.02	Line	-	26.51	0.10	0.02	9.90
AV	519k	33.29	46.00	-12.71	10.02	Line	-	23.27	0.10	0.02	9.90
QP	537k	40.42	56.00	-15.58	10.02	Line	-	30.40	0.10	0.02	9.90
AV	537k	39.20	46.00	-6.80	10.02	Line	"Worst"	29.18	0.10	0.02	9.90
QP	600k	26.92	56.00	-29.08	10.02	Line	-	16.90	0.10	0.02	9.90
AV	600k	21.13	46.00	-24.87	10.02	Line	-	11.11	0.10	0.02	9.90
QP	6.693M	19.69	60.00	-40.31	10.27	Line	-	9.42	0.22	0.14	9.91
AV	6.693M	12.70	50.00	-37.30	10.27	Line	-	2.43	0.22	0.14	9.91
QP	13.74M	21.08	60.00	-38.92	10.38	Line	-	10.70	0.27	0.17	9.94
AV	13.74M	13.85	50.00	-36.15	10.38	Line	-	3.47	0.27	0.17	9.94
QP	21.669M	29.47	60.00	-30.53	10.57	Line	-	18.90	0.31	0.23	10.03
AV	21.669M	22.48	50.00	-27.52	10.57	Line	-	11.91	0.31	0.23	10.03
QP	26.768M	33.34	60.00	-26.66	10.66	Line	-	22.68	0.32	0.29	10.05
AV	26.768M	25.73	50.00	-24.27	10.66	Line	-	15.07	0.32	0.29	10.05

Mode 4



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	195k	34.00	63.82	-29.82	9.94	Neutral	-	24.06	0.07	0.02	9.85
AV	195k	25.68	53.82	-28.14	9.94	Neutral	-	15.74	0.07	0.02	9.85
QP	262.5k	33.61	61.35	-27.74	9.96	Neutral	-	23.65	0.07	0.02	9.87
AV	262.5k	24.52	51.35	-26.83	9.96	Neutral	-	14.56	0.07	0.02	9.87
QP	555k	30.72	56.00	-25.28	9.99	Neutral	-	20.73	0.07	0.02	9.90
AV	555k	25.91	46.00	-20.09	9.99	Neutral	"Worst"	15.92	0.07	0.02	9.90
QP	951k	25.59	56.00	-30.41	10.00	Neutral	-	15.59	0.08	0.01	9.91
AV	951k	18.81	46.00	-27.19	10.00	Neutral	-	8.81	0.08	0.01	9.91
QP	1.095M	27.20	56.00	-28.80	10.01	Neutral	-	17.19	0.08	0.02	9.91
AV	1.095M	21.61	46.00	-24.39	10.01	Neutral	-	11.60	0.08	0.02	9.91
QP	2.189M	22.30	56.00	-33.70	10.07	Neutral	-	12.23	0.10	0.08	9.89
AV	2.189M	15.22	46.00	-30.78	10.07	Neutral	-	5.15	0.10	0.08	9.89
QP	5.987M	20.65	60.00	-39.35	10.21	Neutral	-	10.44	0.17	0.14	9.90
AV	5.987M	13.89	50.00	-36.11	10.21	Neutral	-	3.68	0.17	0.14	9.90
QP	22.524M	32.83	60.00	-27.17	10.60	Neutral	-	22.23	0.32	0.24	10.04
AV	22.524M	28.11	50.00	-21.89	10.60	Neutral	-	17.51	0.32	0.24	10.04
QP	27.573M	25.21	60.00	-34.79	10.75	Neutral	-	14.46	0.38	0.31	10.06
AV	27.573M	17.47	50.00	-32.53	10.75	Neutral	-	6.72	0.38	0.31	10.06

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	9.65M	14.079M	14M1G1D	8.1M	12.506M
802.11g_Nss1,(6Mbps)_2TX	16.45M	17.051M	17M1D1D	16.3M	16.484M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.05M	18.996M	19M0D1D	15.125M	18.889M

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

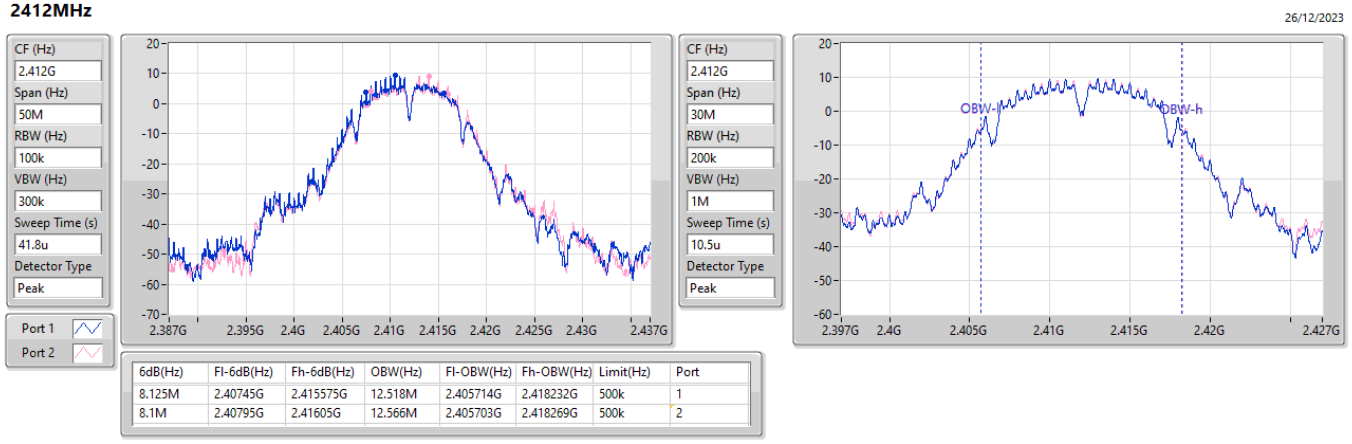
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.125M	12.518M	8.1M	12.566M
2437MHz	Pass	500k	9.025M	14.079M	9.65M	13.901M
2462MHz	Pass	500k	9.05M	12.506M	8.25M	12.664M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.614M	16.375M	16.593M
2437MHz	Pass	500k	16.45M	16.743M	16.375M	17.051M
2462MHz	Pass	500k	16.3M	16.484M	16.35M	16.562M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.05M	18.893M	15.125M	18.996M
2437MHz	Pass	500k	18.4M	18.889M	17.925M	18.981M
2462MHz	Pass	500k	19.05M	18.965M	18.15M	18.968M

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

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **EBW**

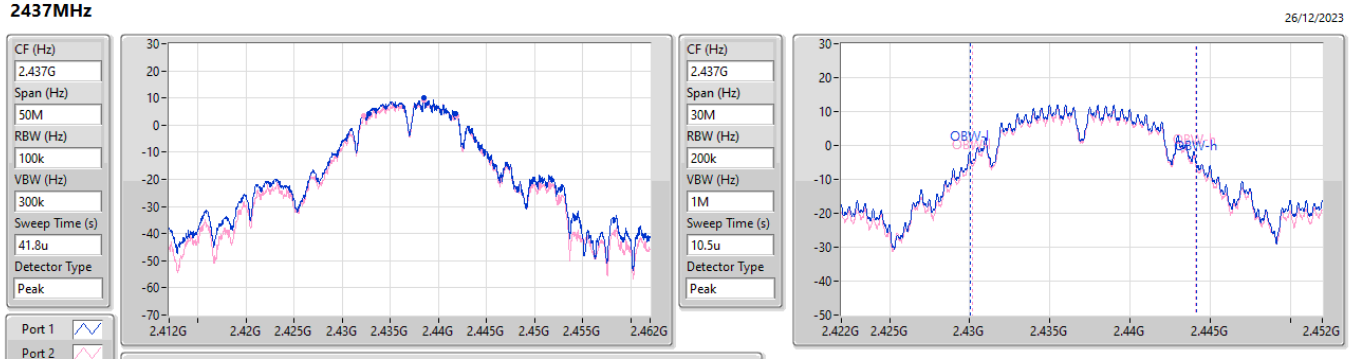
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.125M	2.40745G	2.415575G	12.518M	2.405714G	2.418232G	500k	1
8.1M	2.40795G	2.41605G	12.566M	2.405703G	2.418269G	500k	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **EBW**

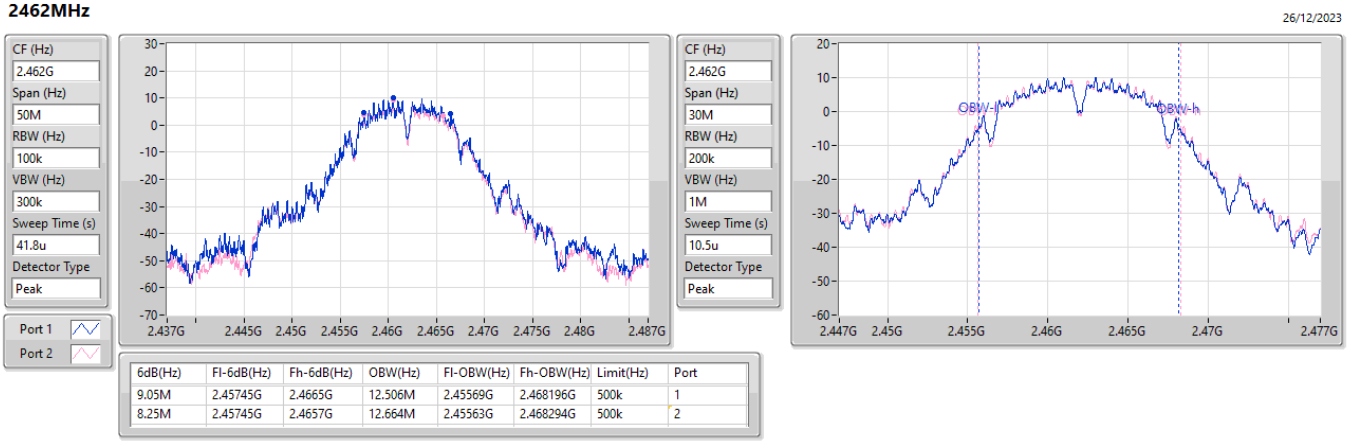
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.025M	2.4328G	2.441825G	14.079M	2.430052G	2.444131G	500k	1
9.65M	2.4322G	2.44185G	13.901M	2.430156G	2.444058G	500k	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **EBW**

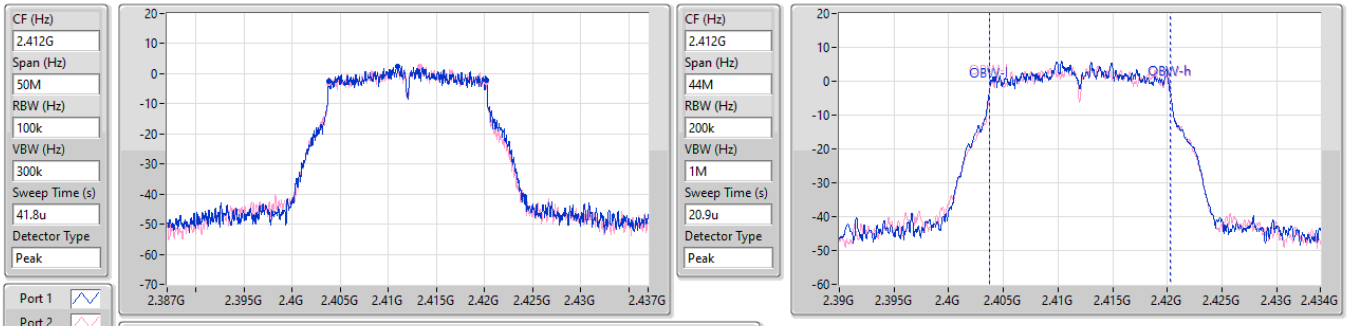
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
9.05M	2.45745G	2.4665G	12.506M	2.45569G	2.468196G	500k	1
8.25M	2.45745G	2.4657G	12.664M	2.45563G	2.468294G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

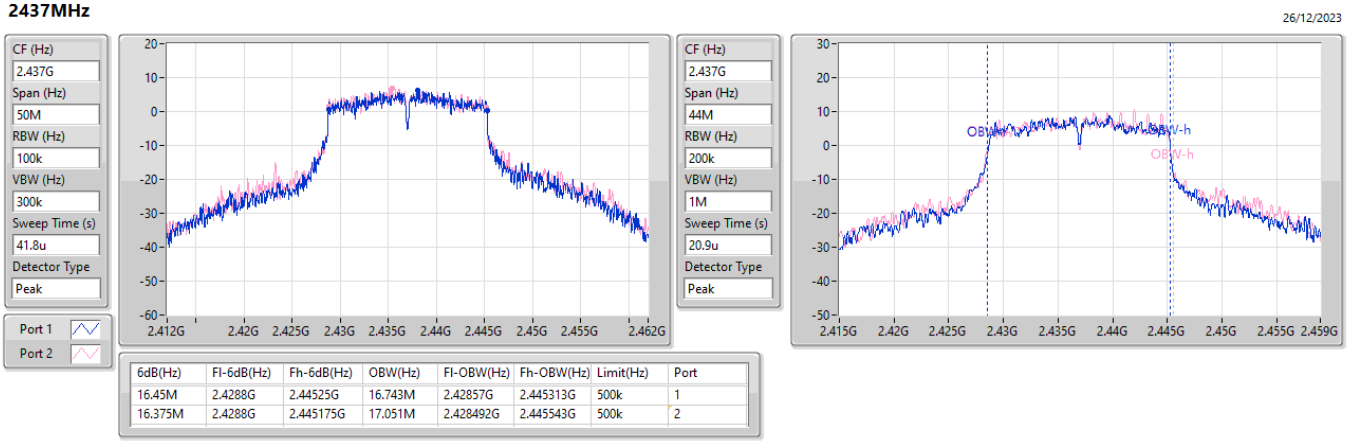
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.403825G	2.420175G	16.614M	2.40369G	2.420304G	500k	1
16.375M	2.4038G	2.420175G	16.593M	2.403726G	2.420319G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

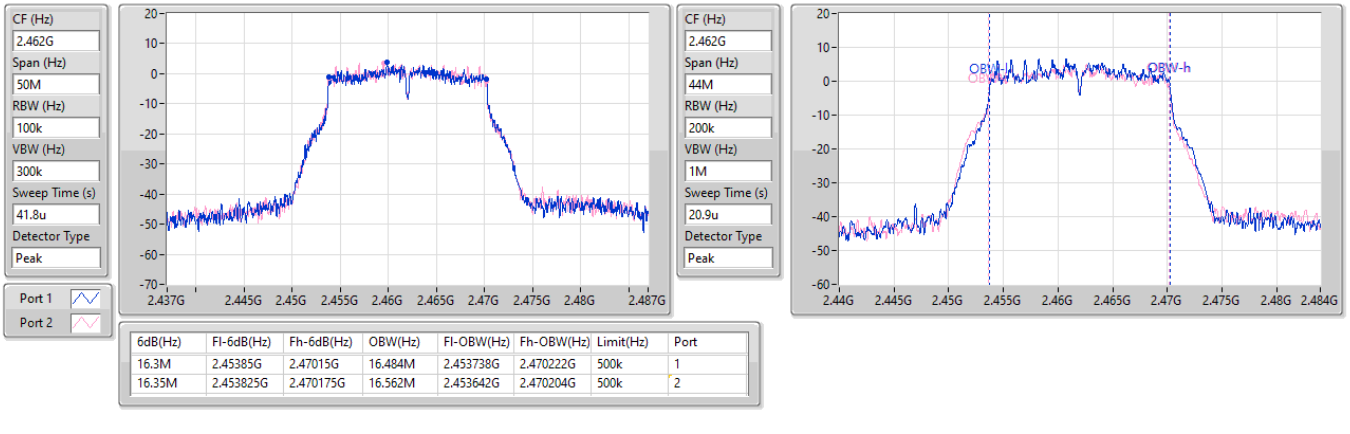
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.45M	2.4288G	2.44525G	16.743M	2.42857G	2.445313G	500k	1
16.375M	2.4288G	2.445175G	17.051M	2.428492G	2.445543G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **EBW**

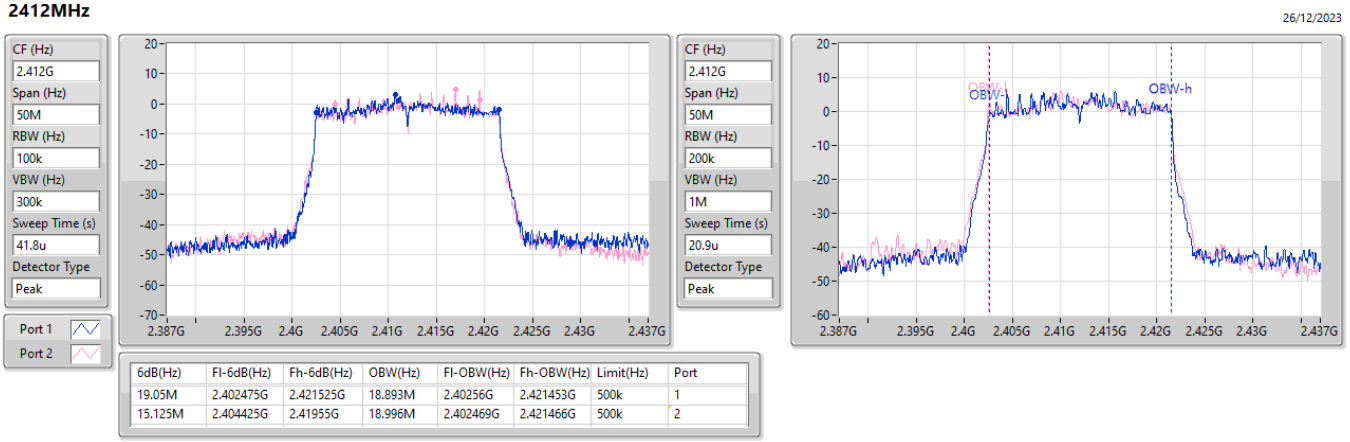
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.45385G	2.47015G	16.484M	2.453738G	2.470222G	500k	1
16.35M	2.453825G	2.470175G	16.562M	2.453642G	2.470204G	500k	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

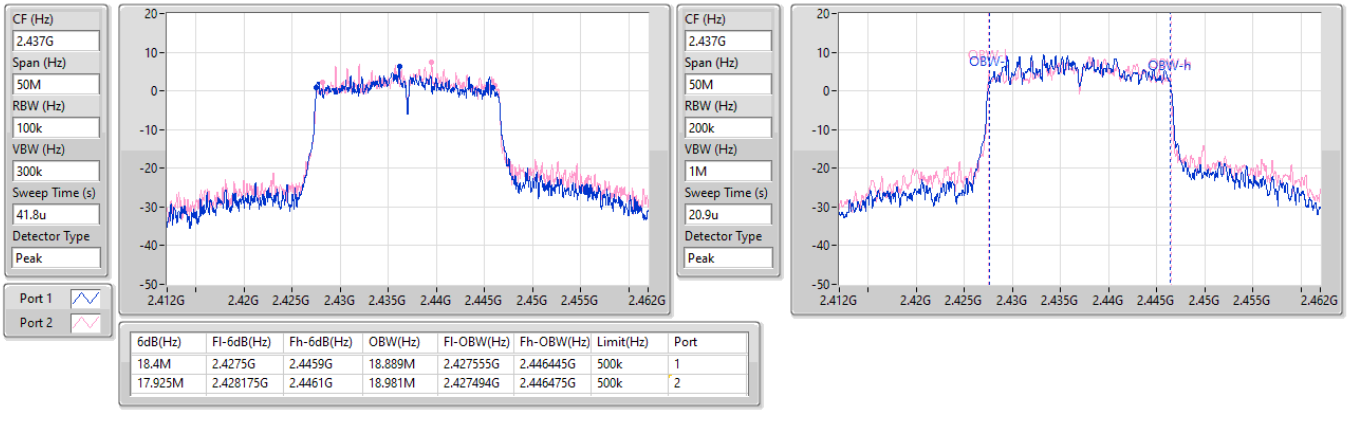
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	2.402475G	2.421525G	18.893M	2.40256G	2.421453G	500k	1
15.125M	2.404425G	2.41955G	18.996M	2.402469G	2.421466G	500k	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

2437MHz

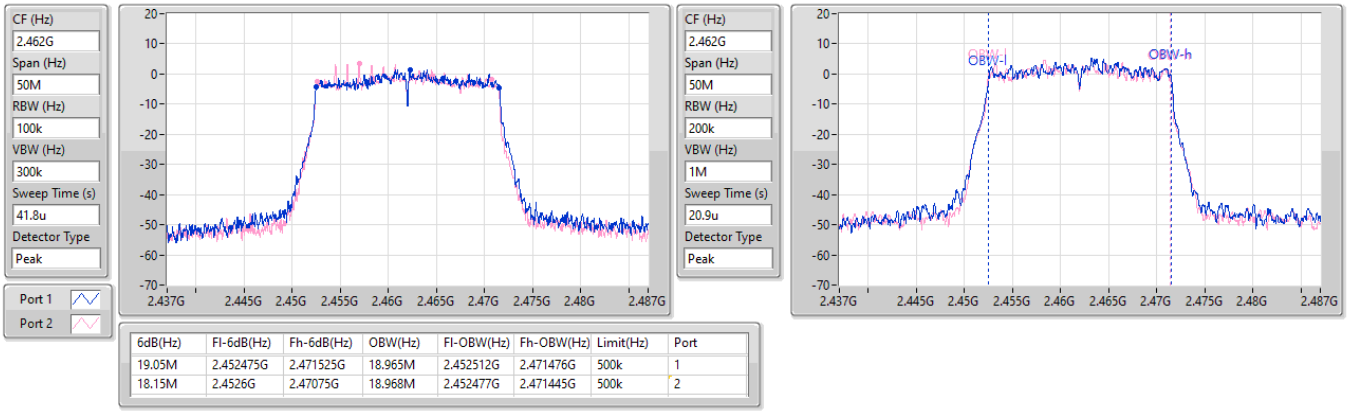


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.4M	2.4275G	2.4459G	18.889M	2.427555G	2.446445G	500k	1
17.925M	2.428175G	2.4461G	18.981M	2.427494G	2.446475G	500k	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **EBW**

2462MHz

26/12/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.05M	2.452475G	2.471525G	18.965M	2.452512G	2.471476G	500k	1
18.15M	2.4526G	2.47075G	18.968M	2.452477G	2.471445G	500k	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	8.925M	13.324M	13M3G1D	8.1M	12.483M
802.11g_Nss1,(6Mbps)_1TX	16.4M	17.193M	17M2D1D	16.325M	16.404M
802.11ax HEW20_Nss1,(MCS0)_1TX	19.025M	19.065M	19M1D1D	16.8M	18.981M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	8.575M	12.483M
2437MHz	Pass	500k	8.925M	13.324M
2462MHz	Pass	500k	8.1M	12.56M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.4M	16.445M
2437MHz	Pass	500k	16.375M	17.193M
2462MHz	Pass	500k	16.325M	16.404M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	19.025M	18.985M
2437MHz	Pass	500k	18.9M	19.065M
2462MHz	Pass	500k	16.8M	18.981M

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

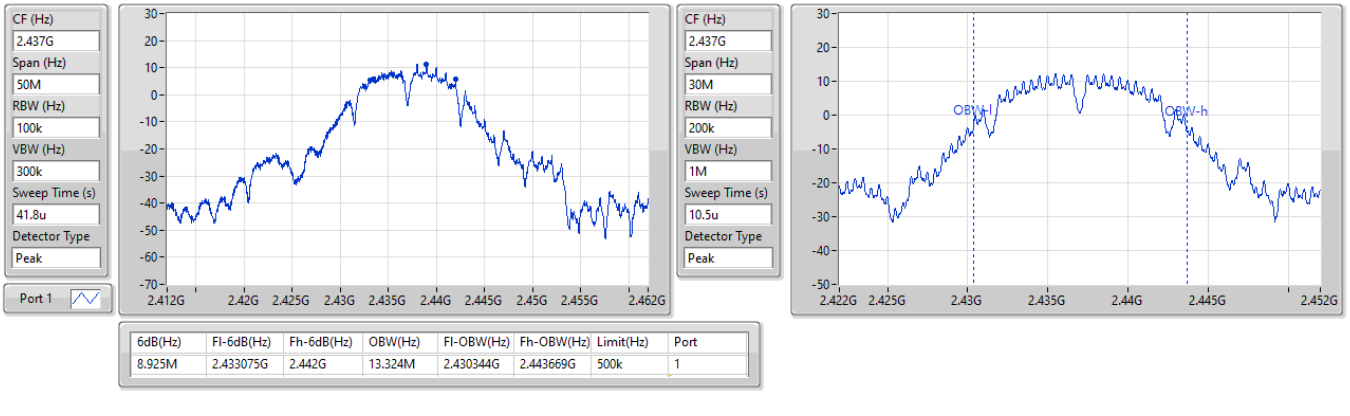
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **EBW**

2412MHz

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.575M	2.40795G	2.416525G	12.483M	2.405686G	2.418169G	500k	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **EBW**

2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.925M	2.433075G	2.442G	13.324M	2.430344G	2.443669G	500k	1

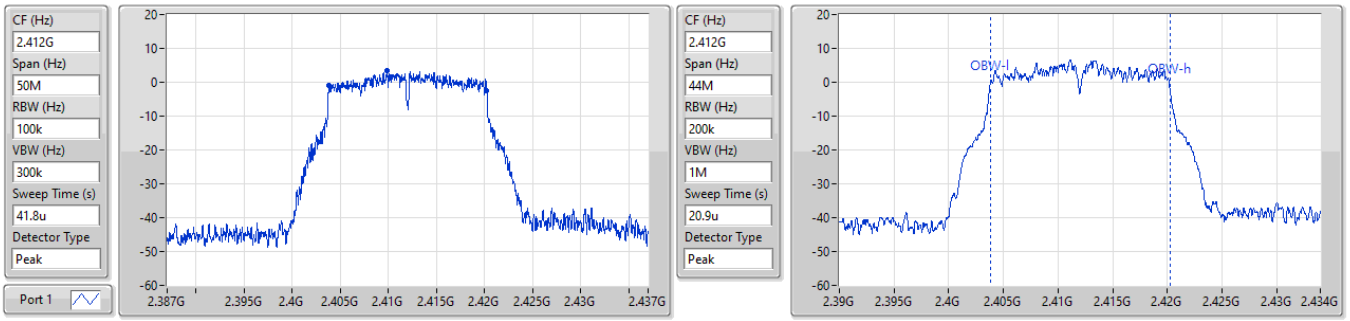
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **EBW**

2462MHz

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.1M	2.45795G	2.46605G	12.56M	2.455615G	2.468174G	500k	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **EBW**

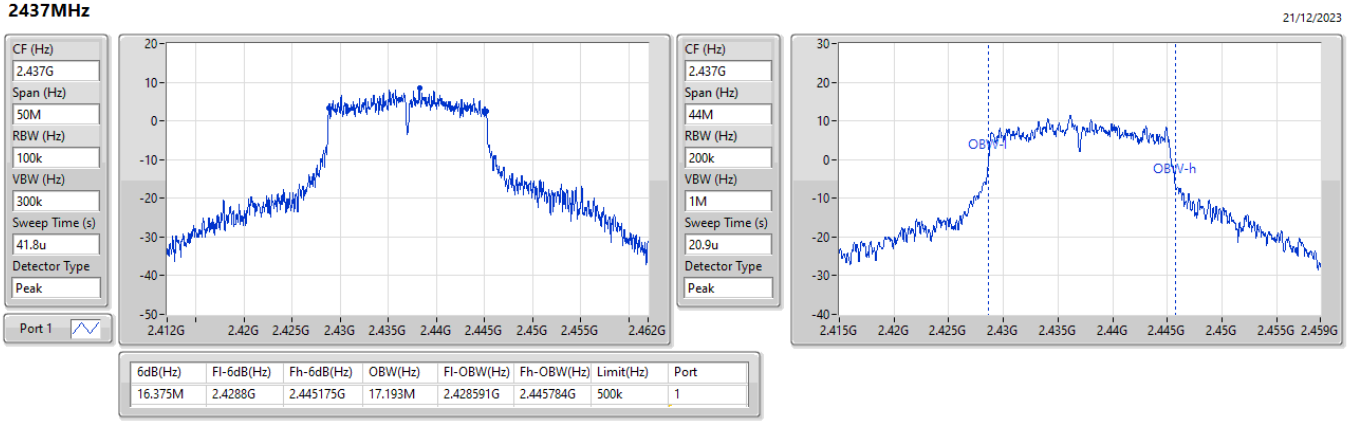
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.4M	2.403825G	2.420225G	16.445M	2.403783G	2.420228G	500k	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **EBW**

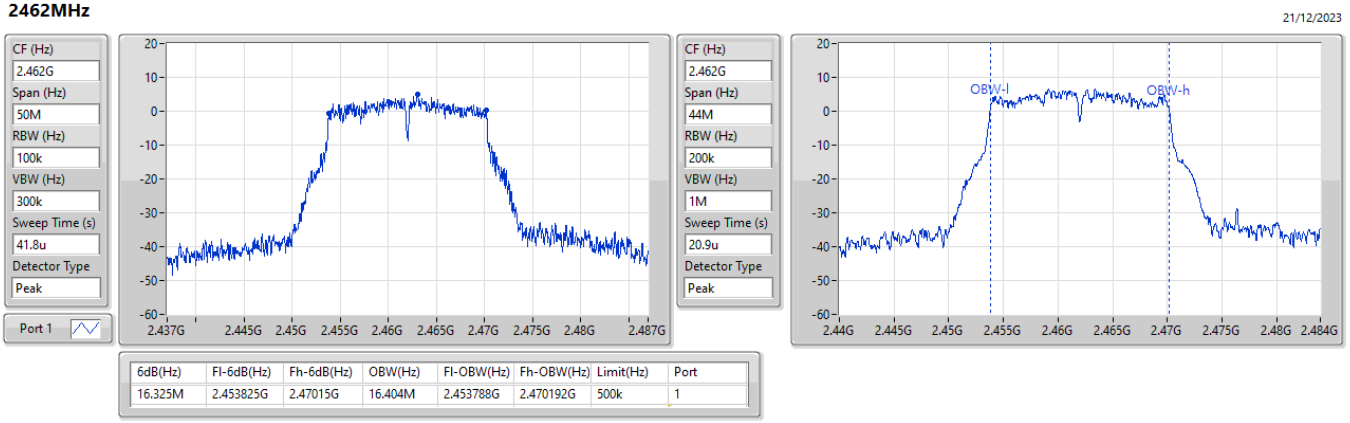
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.375M	2.4288G	2.445175G	17.193M	2.428591G	2.445784G	500k	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **EBW**

2462MHz

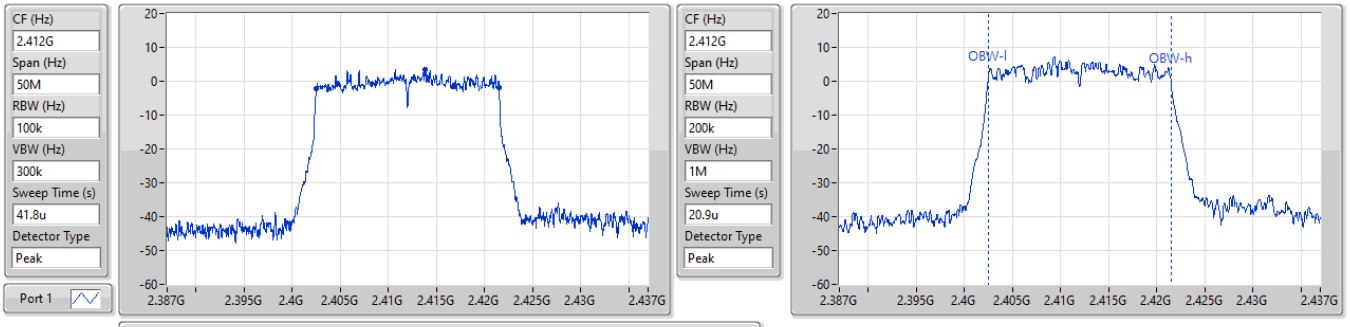


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.453825G	2.47015G	16.404M	2.453788G	2.470192G	500k	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

2412MHz

21/12/2023

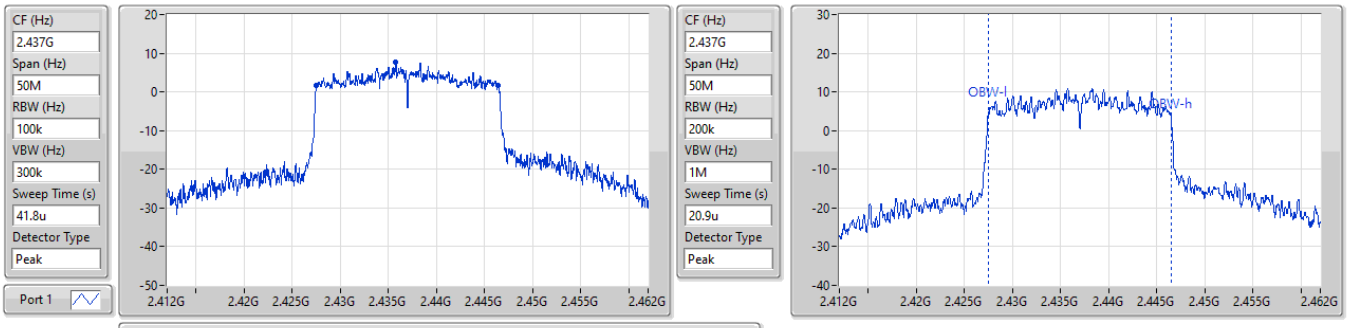


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.025M	2.4025G	2.421525G	18.985M	2.402489G	2.421475G	500k	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

2437MHz

21/12/2023

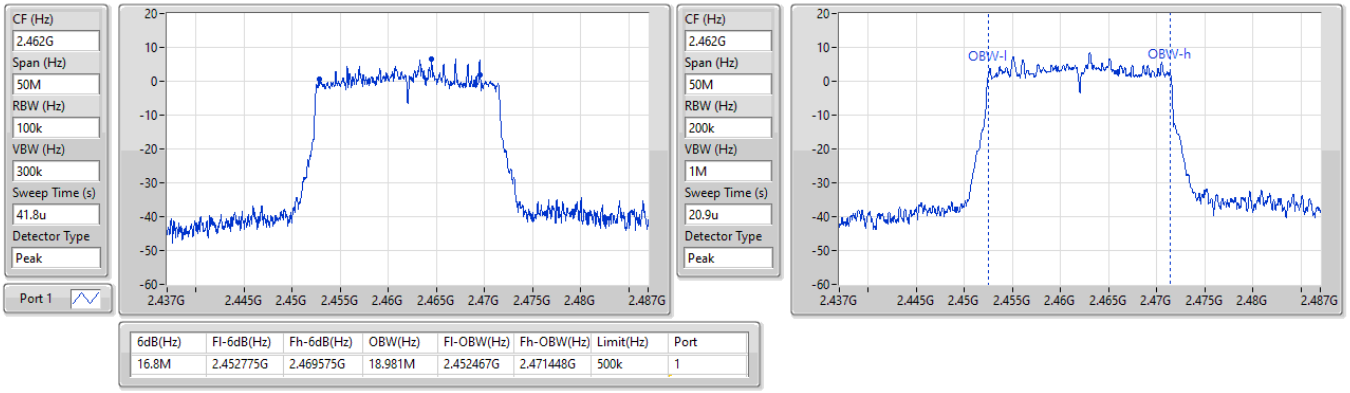


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.427525G	2.446425G	19.065M	2.427473G	2.446538G	500k	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **EBW**

2462MHz

21/12/2023



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.8M	2.452775G	2.469575G	18.981M	2.452467G	2.471448G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	23.76	0.23768
802.11g_Nss1,(6Mbps)_2TX	22.96	0.19770
802.11ax HEW20_Nss1,(MCS0)_2TX	22.49	0.17742
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.49	0.17742

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	18.49	18.39	21.45	30.00
2417MHz	Pass	3.50	20.54	20.35	23.46	30.00
2437MHz	Pass	3.50	20.85	20.65	23.76	30.00
2457MHz	Pass	3.50	19.92	20.05	23.00	30.00
2462MHz	Pass	3.50	18.83	18.54	21.70	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	16.09	15.95	19.03	30.00
2417MHz	Pass	3.50	17.72	17.69	20.72	30.00
2437MHz	Pass	3.50	19.91	19.98	22.96	30.00
2457MHz	Pass	3.50	17.35	17.56	20.47	30.00
2462MHz	Pass	3.50	16.7	16.67	19.70	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.50	16.18	15.87	19.04	30.00
2417MHz	Pass	3.50	16.47	16.59	19.54	30.00
2437MHz	Pass	3.50	19.31	19.64	22.49	30.00
2457MHz	Pass	3.50	17.12	17.12	20.13	30.00
2462MHz	Pass	3.50	15.59	15.24	18.43	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	16.18	15.87	19.04	29.49
2417MHz	Pass	6.51	16.47	16.59	19.54	29.49
2437MHz	Pass	6.51	19.31	19.64	22.49	29.49
2457MHz	Pass	6.51	17.12	17.12	20.13	29.49
2462MHz	Pass	6.51	15.59	15.24	18.43	29.49

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	20.57	0.11402
802.11g_Nss1,(6Mbps)_1TX	20.90	0.12303
802.11ax HEW20_Nss1,(MCS0)_1TX	21.26	0.13366

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	18.75	18.75	30.00
2437MHz	Pass	3.50	20.57	20.57	30.00
2462MHz	Pass	3.50	19.25	19.25	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	17.06	17.06	30.00
2417MHz	Pass	3.50	17.95	17.95	30.00
2437MHz	Pass	3.50	20.90	20.90	30.00
2462MHz	Pass	3.50	18.02	18.02	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	17.33	17.33	30.00
2417MHz	Pass	3.50	17.73	17.73	30.00
2437MHz	Pass	3.50	21.26	21.26	30.00
2457MHz	Pass	3.50	18.61	18.61	30.00
2462MHz	Pass	3.50	17.71	17.71	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-1.56
802.11g_Nss1,(6Mbps)_2TX	-1.91
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.17

RBW = 3kHz;

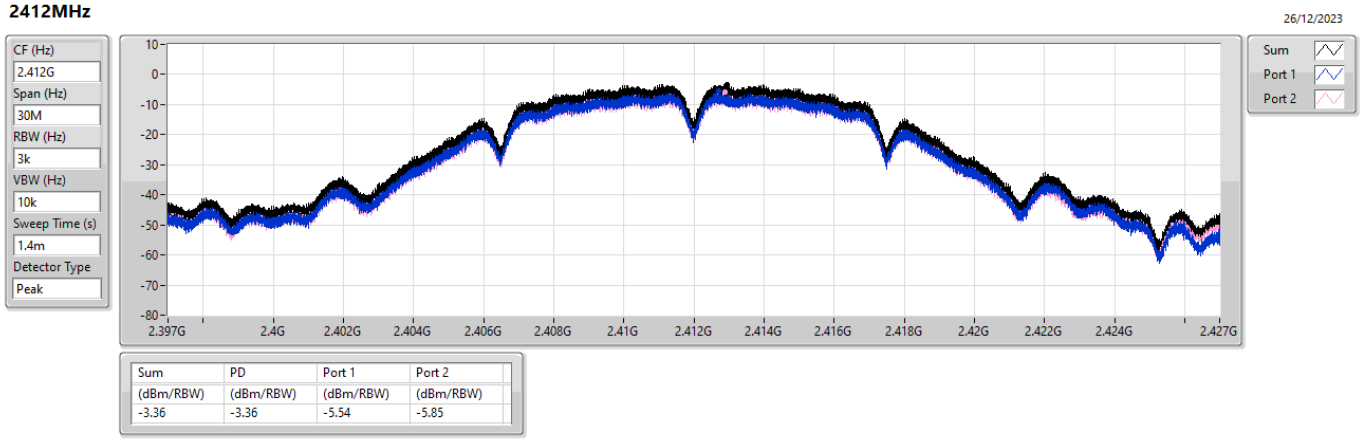
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	-5.54	-5.85	-3.36	7.49
2437MHz	Pass	6.51	-3.52	-4.03	-1.56	7.49
2462MHz	Pass	6.51	-4.63	-4.84	-2.45	7.49
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	-8.53	-7.90	-5.41	7.49
2437MHz	Pass	6.51	-5.23	-4.28	-1.91	7.49
2462MHz	Pass	6.51	-7.46	-7.91	-4.88	7.49
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.51	-10.39	-9.48	-7.23	7.49
2437MHz	Pass	6.51	-6.31	-5.97	-4.17	7.49
2462MHz	Pass	6.51	-10.34	-10.78	-8.30	7.49

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;

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **PSD**

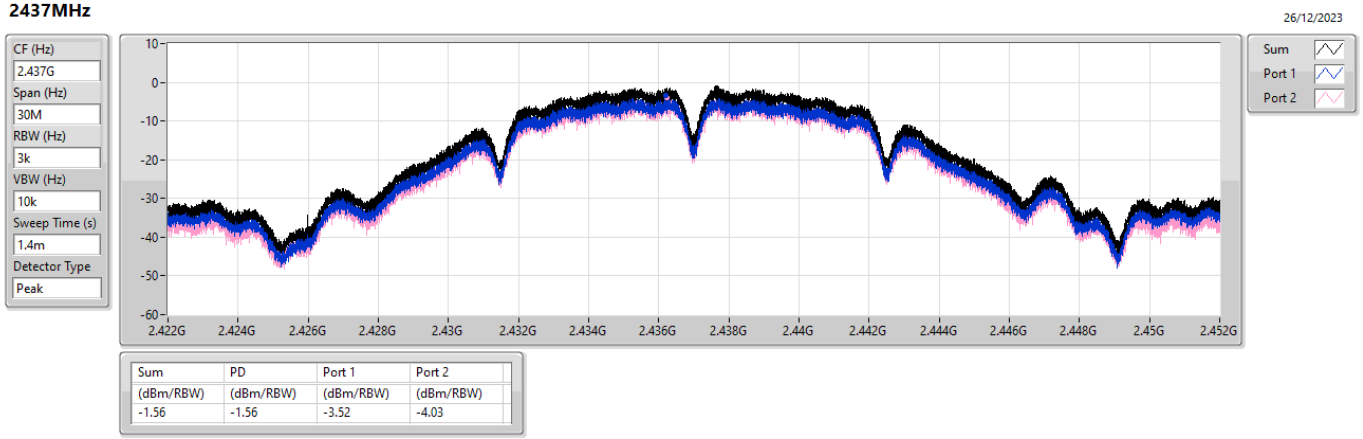
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.36	-3.36	-5.54	-5.85

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **PSD**

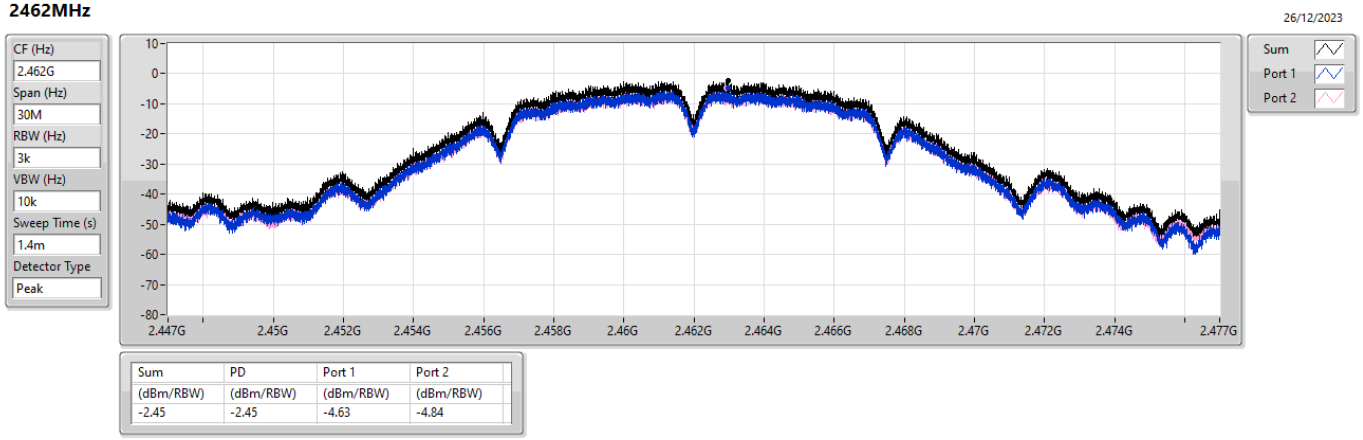
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.56	-1.56	-3.52	-4.03

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX **PSD**

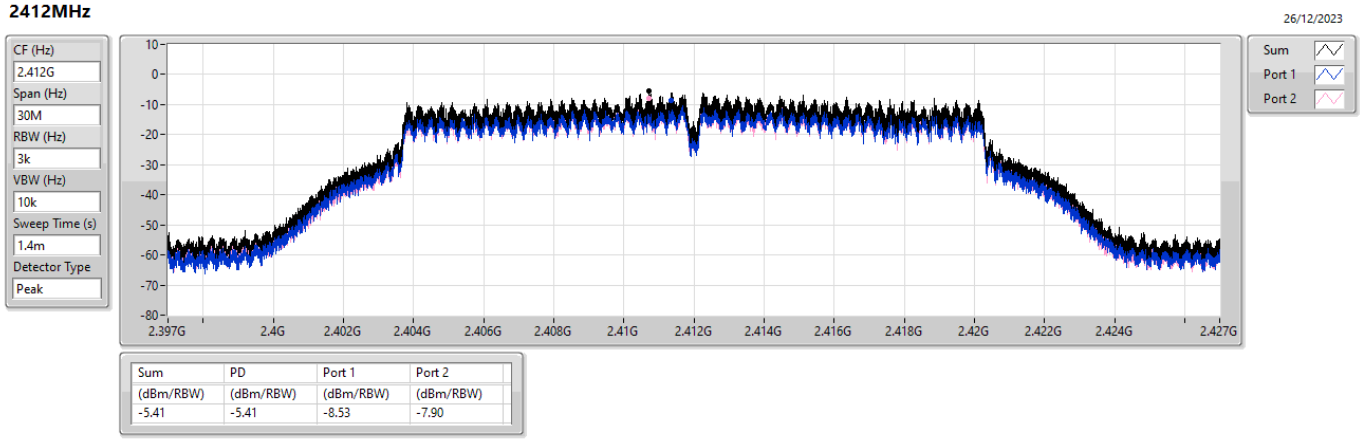
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.45	-2.45	-4.63	-4.84

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

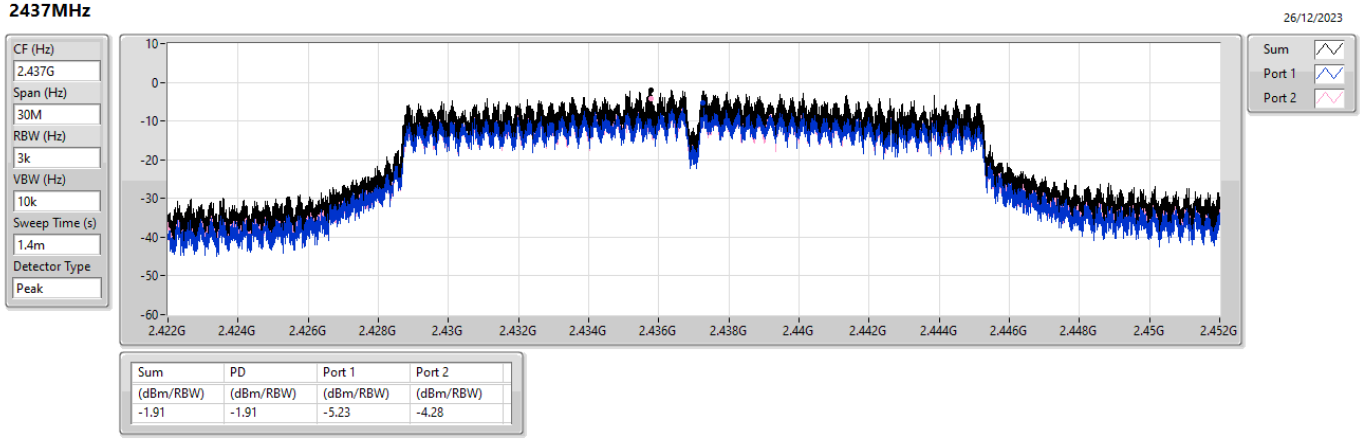
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.41	-5.41	-8.53	-7.90

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

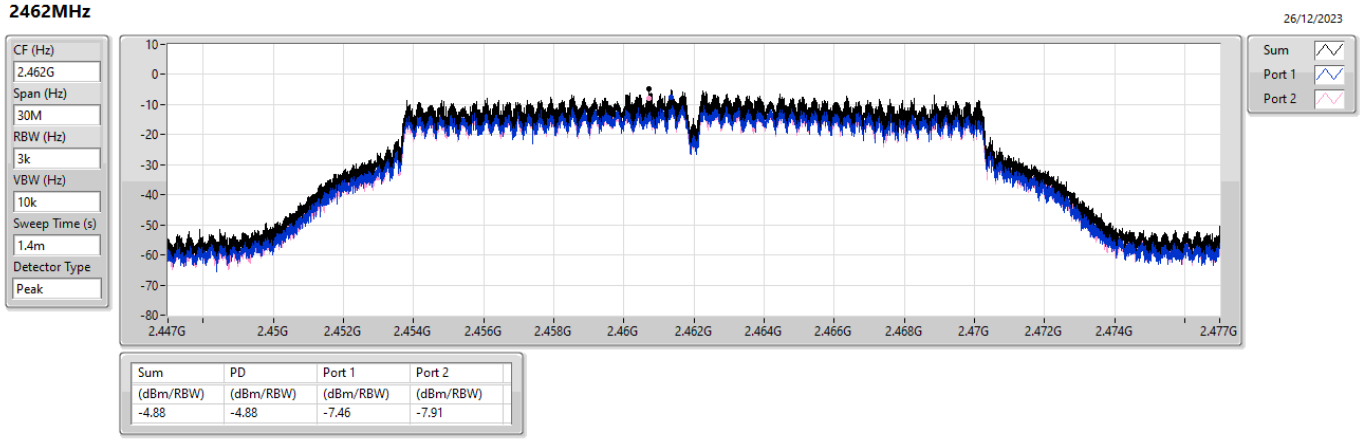
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.91	-1.91	-5.23	-4.28

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX **PSD**

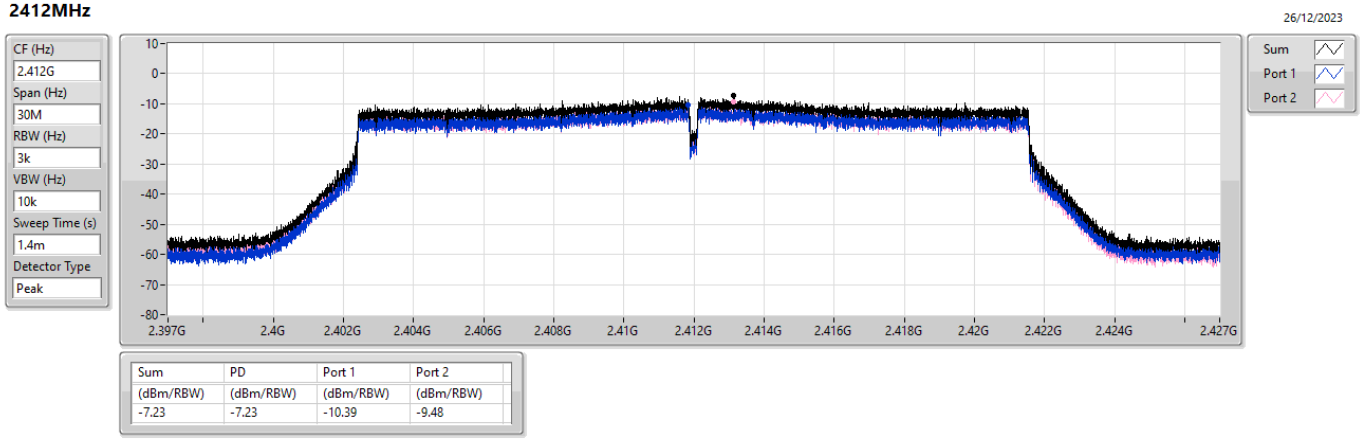
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.88	-4.88	-7.46	-7.91

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

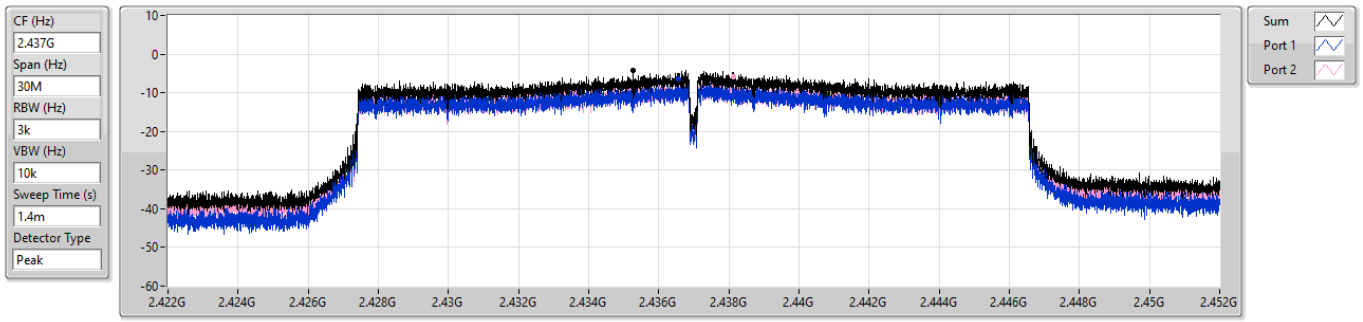
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.23	-7.23	-10.39	-9.48

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

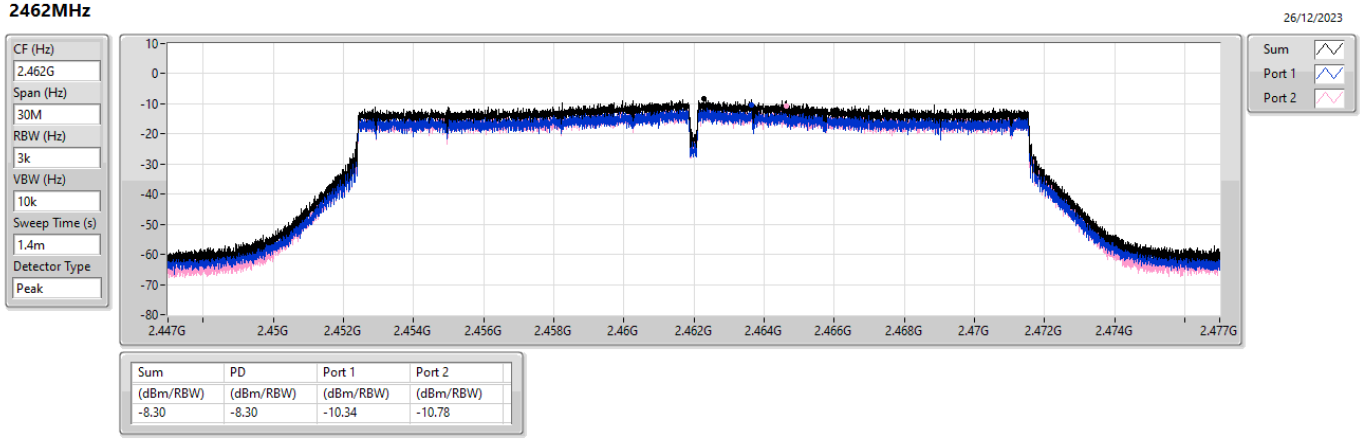
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.17	-4.17	-6.31	-5.97

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX **PSD**

2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.30	-8.30	-10.34	-10.78

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-2.63
802.11g_Nss1,(6Mbps)_1TX	-3.21
802.11ax HEW20_Nss1,(MCS0)_1TX	-4.13

RBW = 3kHz;

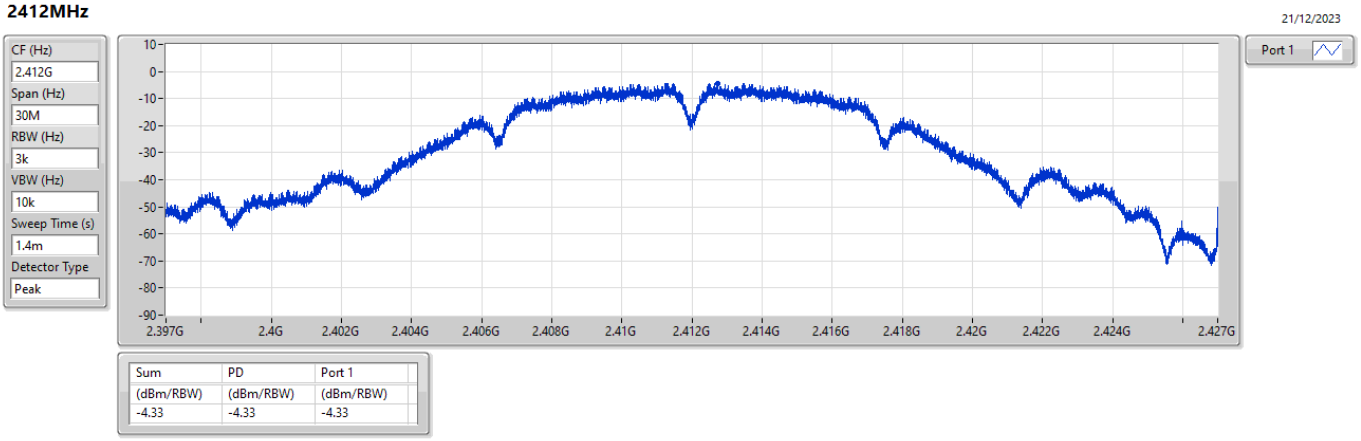
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-4.33	-4.33	8.00
2437MHz	Pass	3.50	-2.63	-2.63	8.00
2462MHz	Pass	3.50	-3.79	-3.79	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-7.61	-7.61	8.00
2437MHz	Pass	3.50	-3.21	-3.21	8.00
2462MHz	Pass	3.50	-5.44	-5.44	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	3.50	-8.31	-8.31	8.00
2437MHz	Pass	3.50	-4.13	-4.13	8.00
2462MHz	Pass	3.50	-7.08	-7.08	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;

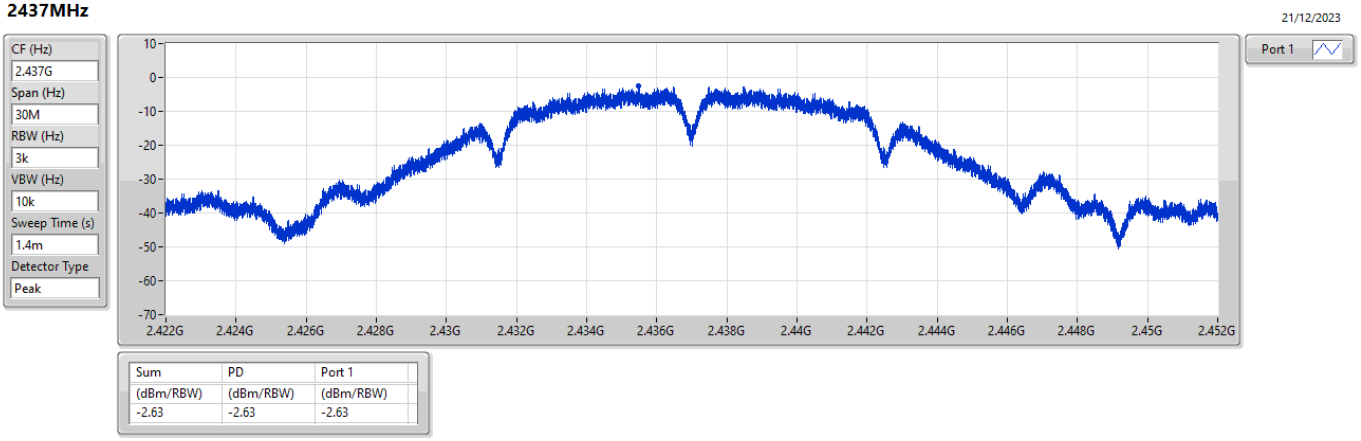
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2412MHz



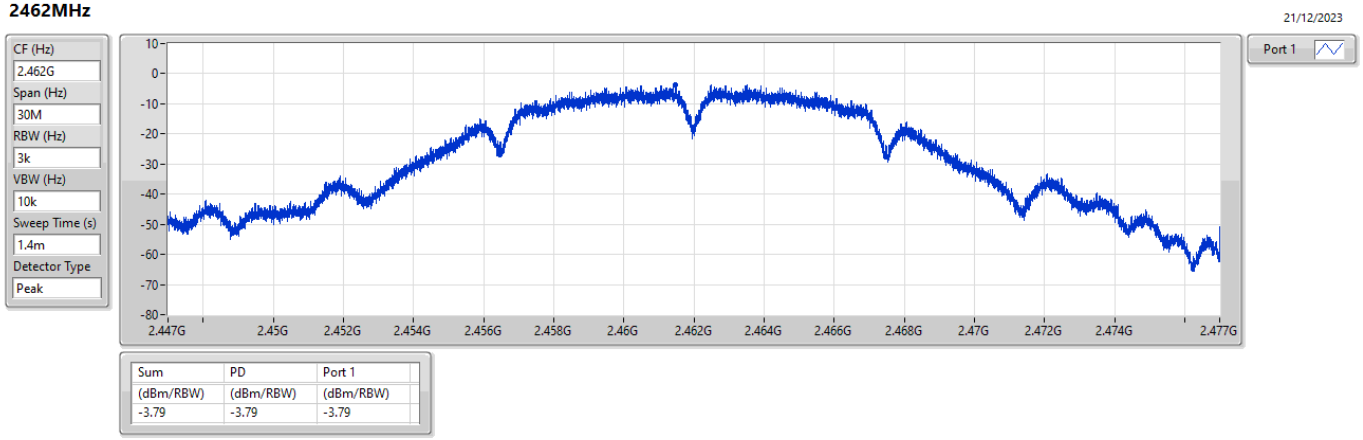
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2437MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

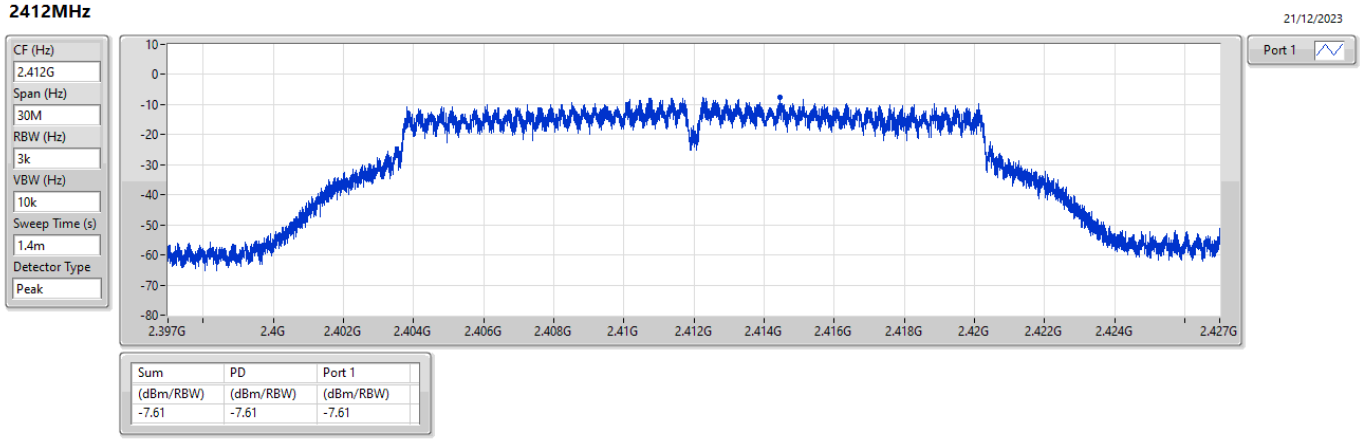
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.79	-3.79	-3.79

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

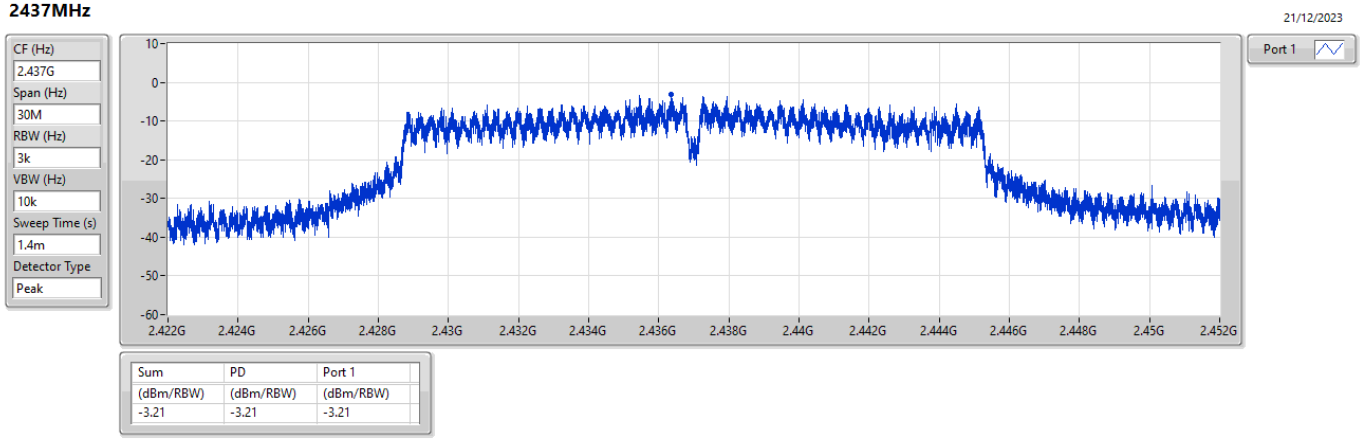
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.61	-7.61	-7.61

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

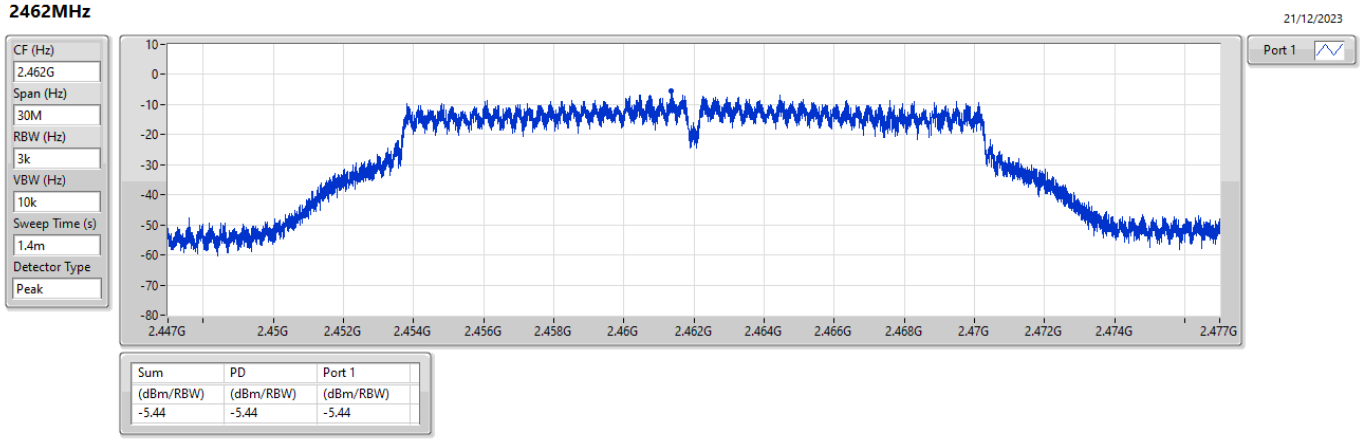
2437MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.21	-3.21	-3.21

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

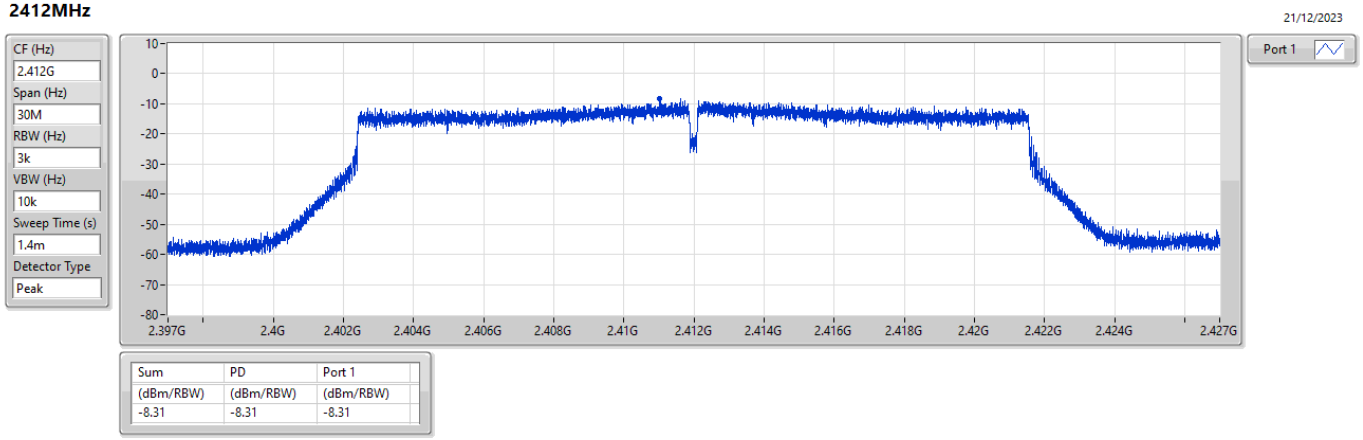
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.44	-5.44	-5.44

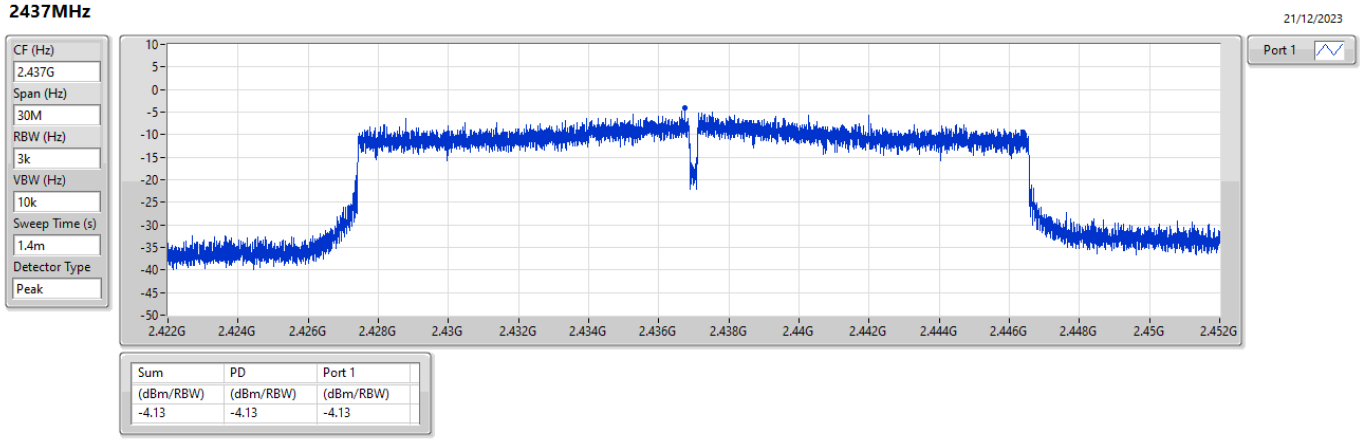
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

2412MHz



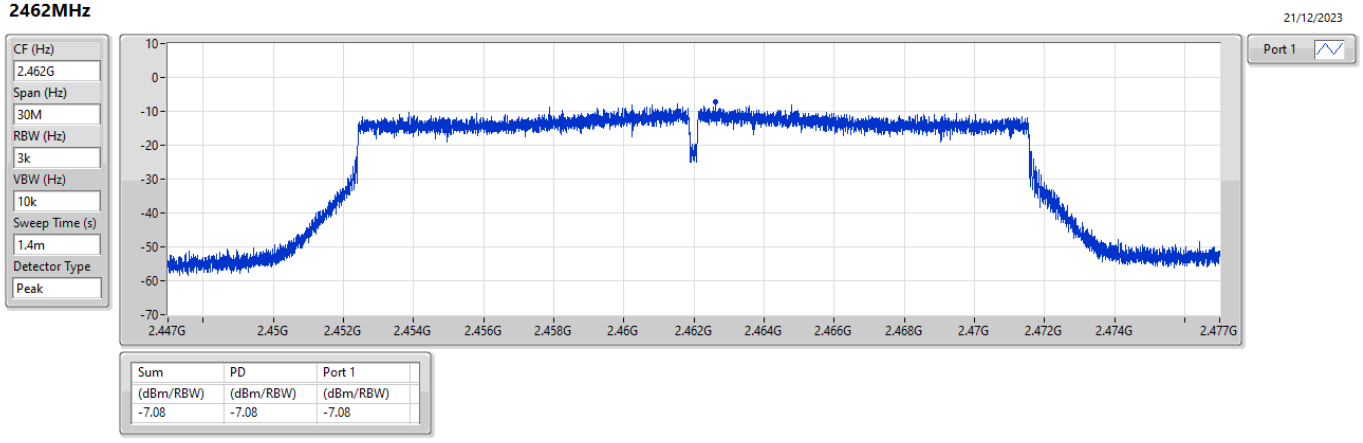
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

2437MHz



2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2462MHz



Summary

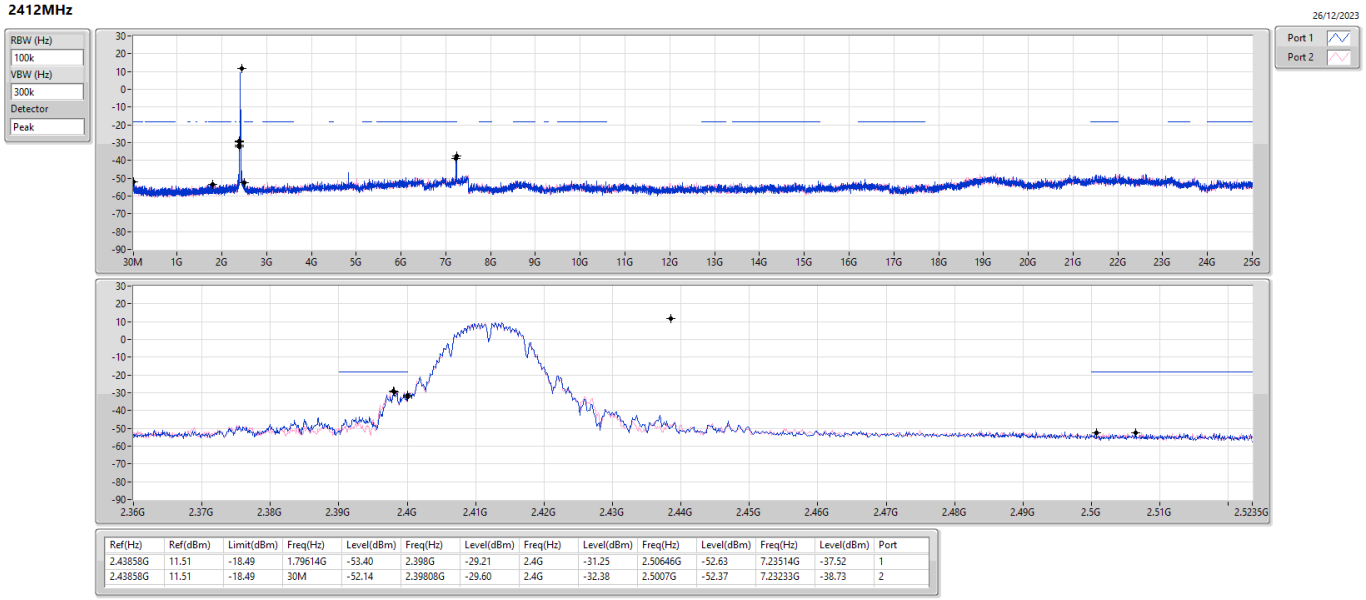
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43858G	11.51	-18.49	1.79614G	-53.40	2.398G	-29.21	2.4G	-31.25	2.50646G	-52.63	7.23514G	-37.52	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	9.13	-20.87	2.30059G	-51.65	2.39704G	-35.84	2.4G	-35.45	2.5219G	-52.81	7.23514G	-43.32	2
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	2.44192G	8.79	-21.21	2.00235G	-53.53	2.4G	-36.37	2.4G	-35.43	2.50022G	-46.82	21.67629G	-47.88	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43858G	11.51	-18.49	1.79614G	-53.40	2.398G	-29.21	2.4G	-31.25	2.50646G	-52.63	7.23514G	-37.52	1
2412MHz	Pass	2.43858G	11.51	-18.49	30M	-52.14	2.39808G	-29.60	2.4G	-32.38	2.5007G	-52.37	7.23233G	-38.73	2
2437MHz	Pass	2.43858G	11.51	-18.49	2.1736G	-53.10	2.4G	-42.27	2.4G	-43.05	2.50502G	-51.52	21.73248G	-47.41	1
2437MHz	Pass	2.43858G	11.51	-18.49	1.98604G	-52.73	2.39904G	-44.93	2.4G	-44.92	2.50198G	-51.25	21.66505G	-47.36	2
2462MHz	Pass	2.43858G	11.51	-18.49	2.12001G	-53.45	2.39224G	-51.07	2.4G	-52.77	2.5055G	-50.12	21.72967G	-48.64	1
2462MHz	Pass	2.43858G	11.51	-18.49	1.80896G	-53.26	2.39392G	-51.62	2.4G	-54.33	2.5055G	-48.23	21.97691G	-47.91	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	9.13	-20.87	47.48M	-52.98	2.39832G	-37.19	2.4G	-38.96	2.50102G	-52.12	7.23233G	-44.17	1
2412MHz	Pass	2.43073G	9.13	-20.87	2.30059G	-51.65	2.39704G	-35.84	2.4G	-35.45	2.5219G	-52.81	7.23514G	-43.32	2
2437MHz	Pass	2.43073G	9.13	-20.87	2.12001G	-53.63	2.39952G	-36.01	2.4G	-36.30	2.50134G	-48.12	6.46532G	-47.90	1
2437MHz	Pass	2.43073G	9.13	-20.87	2.04545G	-53.31	2.39792G	-35.57	2.4G	-36.34	2.50238G	-46.35	23.15693G	-48.66	2
2462MHz	Pass	2.43073G	9.13	-20.87	34.66M	-52.49	2.39648G	-51.55	2.4G	-53.79	2.50046G	-48.75	21.65381G	-47.99	1
2462MHz	Pass	2.43073G	9.13	-20.87	2.17477G	-52.95	2.39888G	-51.95	2.4G	-54.88	2.50166G	-48.61	6.95699G	-48.82	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	8.79	-21.21	1.86255G	-52.70	2.39824G	-37.97	2.4G	-38.56	2.50262G	-52.10	7.22952G	-44.50	1
2412MHz	Pass	2.44192G	8.79	-21.21	2.17477G	-53.32	2.4G	-37.00	2.4G	-38.54	2.50494G	-52.32	7.23514G	-43.78	2
2437MHz	Pass	2.44192G	8.79	-21.21	47.48M	-53.30	2.39824G	-36.40	2.4G	-37.22	2.50734G	-47.85	21.58638G	-47.27	1
2437MHz	Pass	2.44192G	8.79	-21.21	2.00235G	-53.53	2.4G	-36.37	2.4G	-35.43	2.50022G	-46.82	21.67629G	-47.88	2
2462MHz	Pass	2.44192G	8.79	-21.21	31.17M	-52.97	2.39568G	-52.10	2.4G	-55.11	2.50302G	-49.99	6.99632G	-47.85	1
2462MHz	Pass	2.44192G	8.79	-21.21	56.8M	-52.94	2.39104G	-52.16	2.4G	-55.13	2.50206G	-50.47	21.58076G	-48.45	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX CSENdB

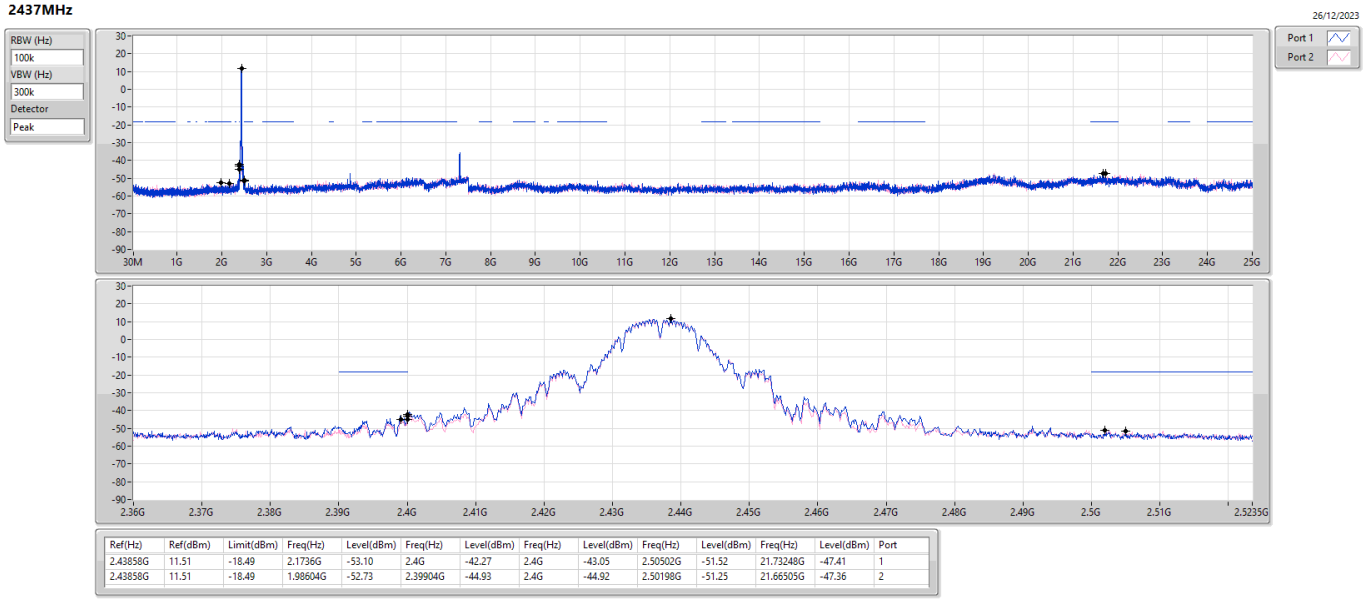
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43858G	11.51	-18.49	1.79614G	-53.40	2.398G	-29.21	2.4G	-31.25	2.50646G	-52.63	7.23514G	-37.52	1
2.43858G	11.51	-18.49	30M	-52.14	2.39808G	-29.60	2.4G	-32.38	2.5007G	-52.37	7.23233G	-38.73	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX CSENdB

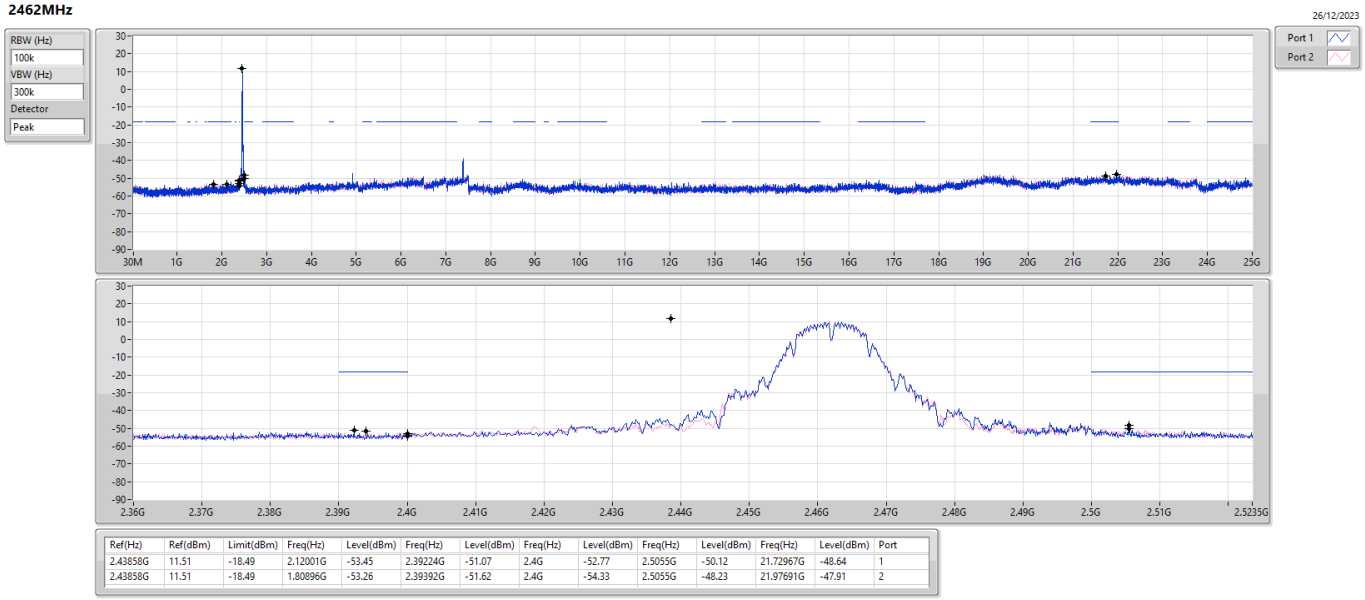
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43858G	11.51	-18.49	2.1736G	-53.10	2.4G	-42.27	2.4G	-43.05	2.50502G	-51.52	21.73248G	-47.41	1
2.43858G	11.51	-18.49	1.98604G	-52.73	2.39904G	-44.93	2.4G	-44.92	2.50198G	-51.25	21.66505G	-47.36	2

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX CSENdB

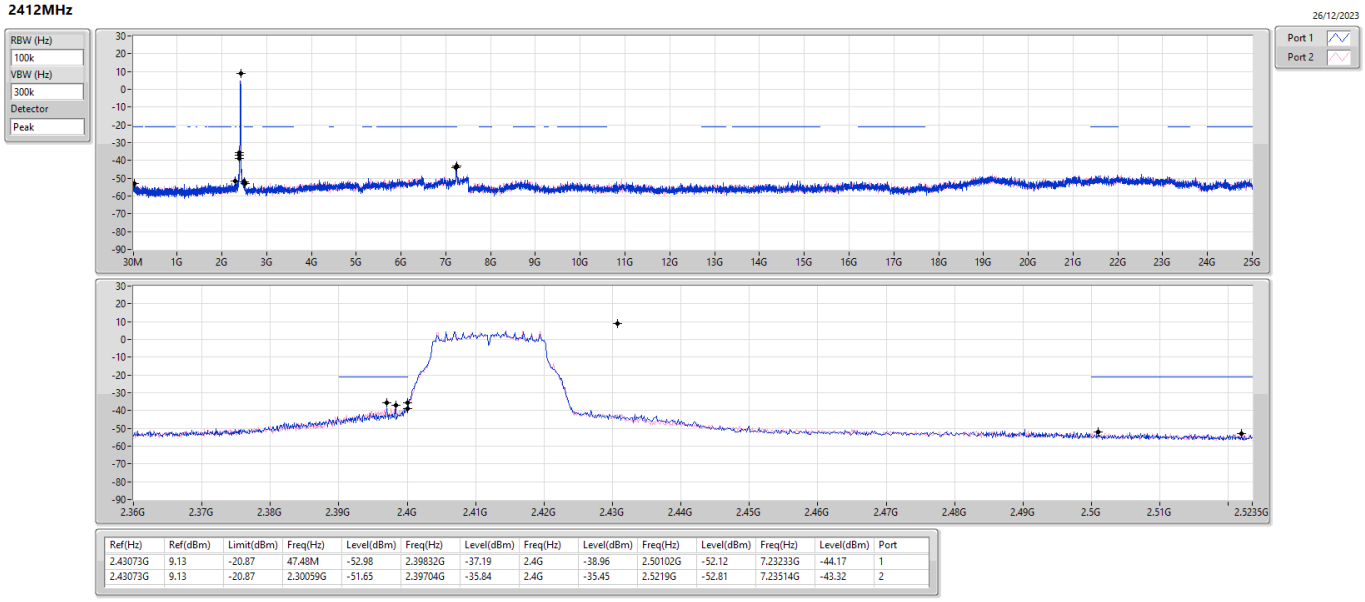
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43858G	11.51	-18.49	2.12001G	-53.45	2.39224G	-51.07	2.4G	-52.77	2.5055G	-50.12	21.72967G	-48.64	1
2.43858G	11.51	-18.49	1.80896G	-53.26	2.39392G	-51.62	2.4G	-54.33	2.5055G	-48.23	21.97691G	-47.91	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX CSENdB

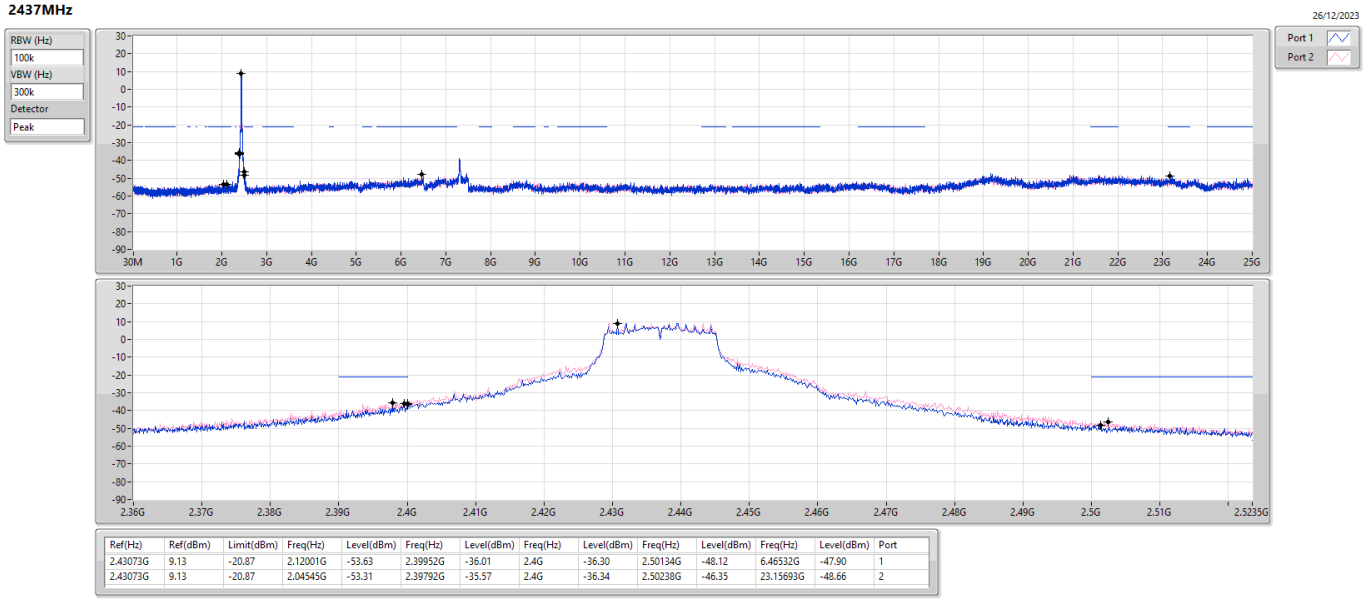
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	9.13	-20.87	47.48M	-52.98	2.39832G	-37.19	2.4G	-38.96	2.50102G	-52.12	7.23233G	-44.17	1
2.43073G	9.13	-20.87	2.30059G	-51.65	2.39704G	-35.84	2.4G	-35.45	2.5219G	-52.81	7.23514G	-43.32	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX CSENdB

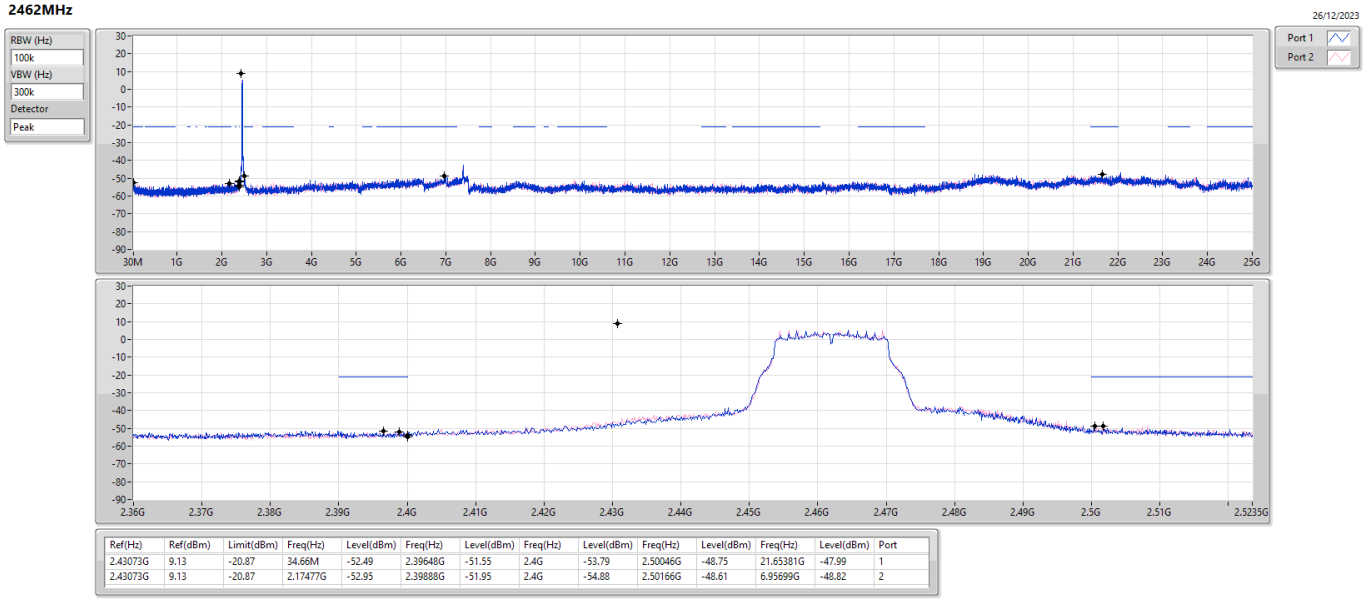
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	9.13	-20.87	2.12001G	-53.63	2.39952G	-36.01	2.4G	-36.30	2.50134G	-48.12	6.46532G	-47.90	1
2.43073G	9.13	-20.87	2.04545G	-53.31	2.39792G	-35.57	2.4G	-36.34	2.50238G	-46.35	23.15693G	-48.66	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX CSENdB

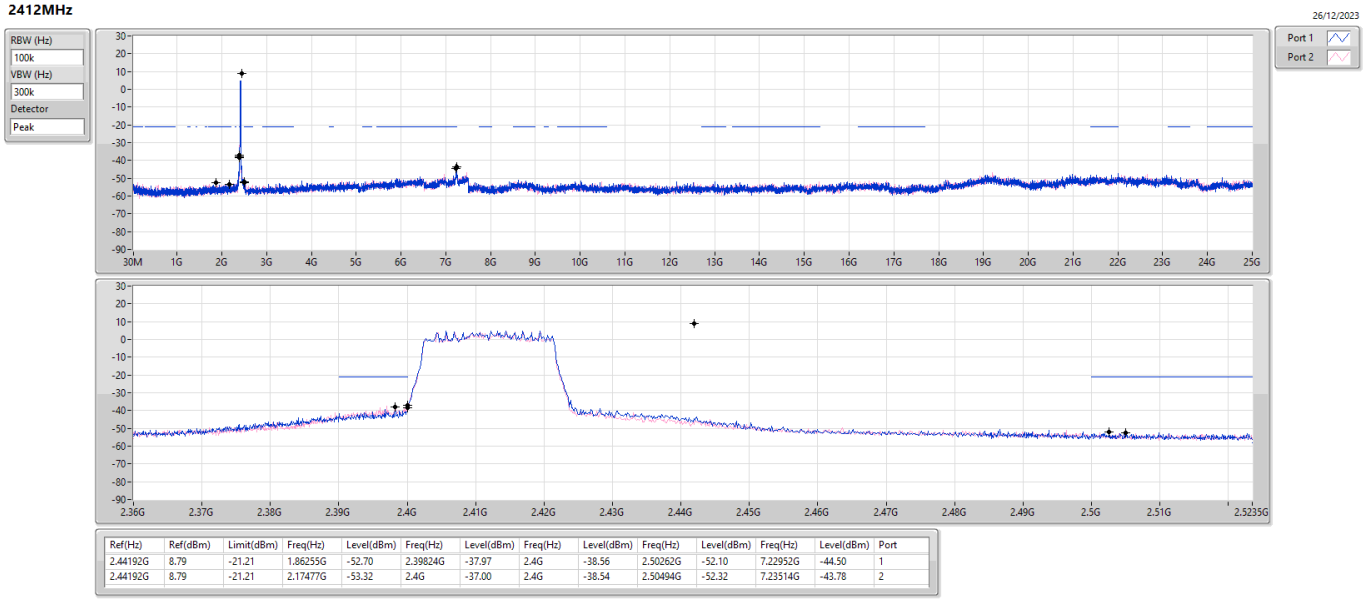
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	9.13	-20.87	34.66M	-52.49	2.39648G	-51.55	2.4G	-53.79	2.50046G	-48.75	21.65381G	-47.99	1
2.43073G	9.13	-20.87	2.17477G	-52.95	2.39888G	-51.95	2.4G	-54.88	2.50166G	-48.61	6.95699G	-48.82	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX CSENdB

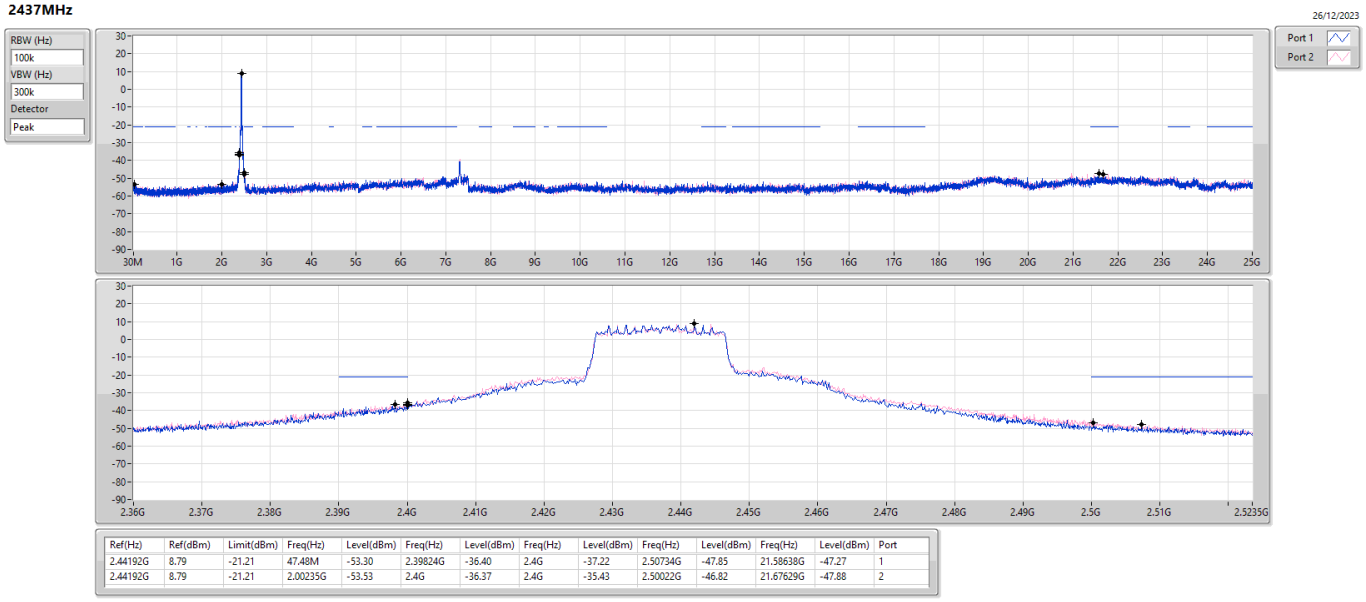
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	8.79	-21.21	1.86255G	-52.70	2.39824G	-37.97	2.4G	-38.56	2.50262G	-52.10	7.22952G	-44.50	1
2.44192G	8.79	-21.21	2.17477G	-53.32	2.4G	-37.00	2.4G	-38.54	2.50494G	-52.32	7.23514G	-43.78	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX CSENdB

2437MHz

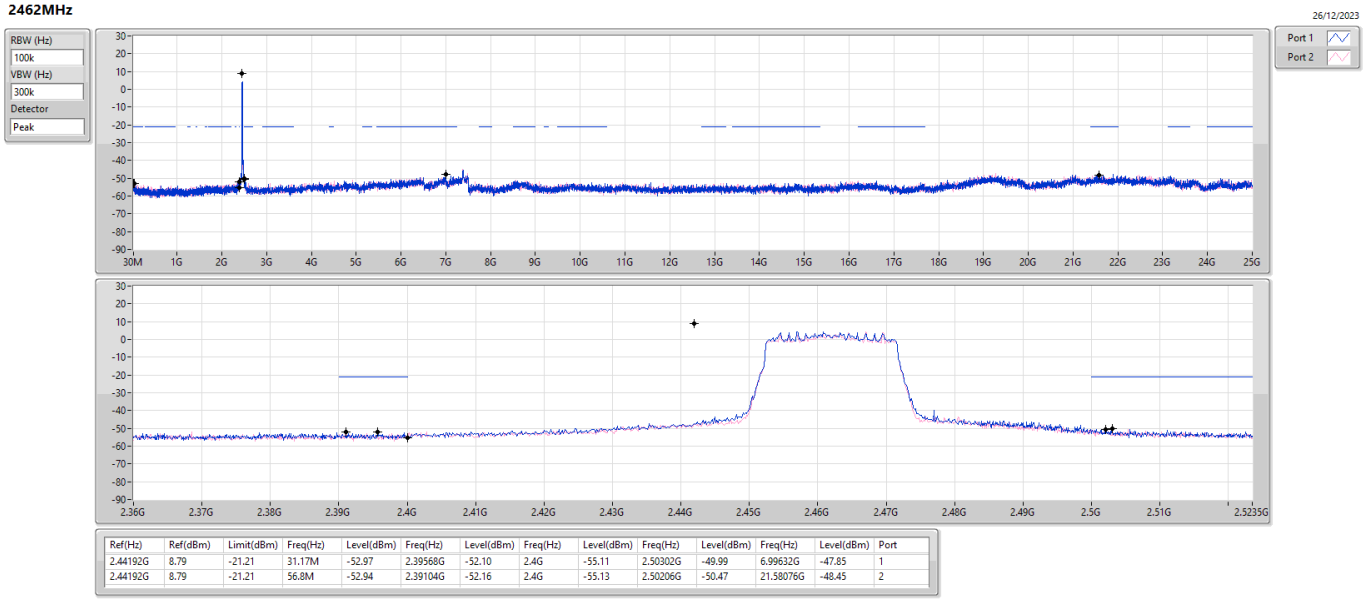


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	8.79	-21.21	47.48M	-53.30	2.39824G	-36.40	2.4G	-37.22	2.50734G	-47.85	21.58638G	-47.27	1
2.44192G	8.79	-21.21	2.00235G	-53.53	2.4G	-36.37	2.4G	-35.43	2.50022G	-46.82	21.67629G	-47.88	2

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

CSENdB

2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	8.79	-21.21	31.17M	-52.97	2.39568G	-52.10	2.4G	-55.11	2.50302G	-49.99	6.99632G	-47.85	1
2.44192G	8.79	-21.21	56.8M	-52.94	2.39104G	-52.16	2.4G	-55.13	2.50206G	-50.47	21.58076G	-48.45	2

Summary

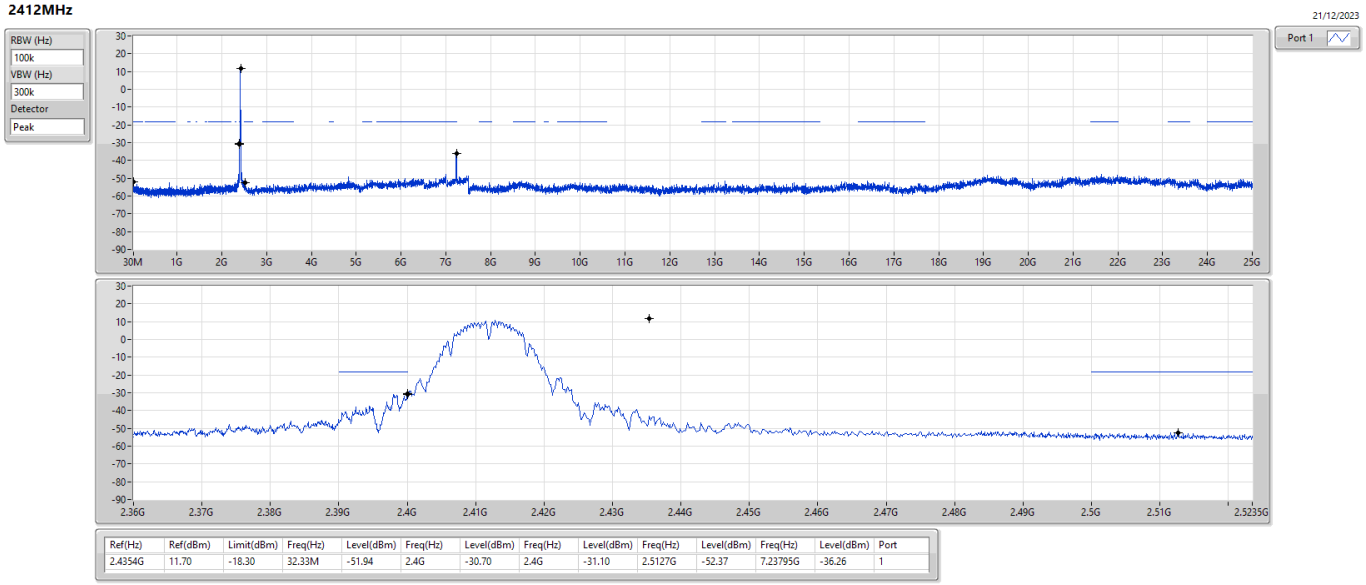
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.4354G	11.70	-18.30	32.33M	-51.94	2.4G	-30.70	2.4G	-31.10	2.5127G	-52.37	7.23795G	-36.26	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.44192G	9.99	-20.01	2.02681G	-52.86	2.39832G	-35.22	2.4G	-35.64	2.50454G	-46.22	22.00782G	-48.41	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.44192G	10.98	-19.02	2.30525G	-52.63	2.39688G	-29.49	2.4G	-30.95	2.50214G	-43.71	21.58357G	-48.15	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4354G	11.70	-18.30	32.33M	-51.94	2.4G	-30.70	2.4G	-31.10	2.5127G	-52.37	7.23795G	-36.26	1
2437MHz	Pass	2.4354G	11.70	-18.30	2.12933G	-53.17	2.39752G	-46.60	2.4G	-46.62	2.52094G	-51.97	21.58638G	-47.65	1
2462MHz	Pass	2.4354G	11.70	-18.30	2.14797G	-52.40	2.39224G	-51.67	2.4G	-53.50	2.5051G	-49.16	21.59762G	-47.75	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	9.99	-20.01	2.30874G	-52.23	2.39824G	-36.92	2.4G	-36.67	2.50214G	-51.56	7.23514G	-42.20	1
2437MHz	Pass	2.44192G	9.99	-20.01	2.02681G	-52.86	2.39832G	-35.22	2.4G	-35.64	2.50454G	-46.22	22.00782G	-48.41	1
2462MHz	Pass	2.44192G	9.99	-20.01	1.81944G	-51.95	2.39864G	-50.27	2.4G	-51.39	2.50006G	-46.56	21.56671G	-48.64	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	10.98	-19.02	2.30874G	-52.73	2.39824G	-37.59	2.4G	-36.47	2.50014G	-51.60	7.23795G	-42.96	1
2437MHz	Pass	2.44192G	10.98	-19.02	2.30525G	-52.63	2.39688G	-29.49	2.4G	-30.95	2.50214G	-43.71	21.58357G	-48.15	1
2462MHz	Pass	2.44192G	10.98	-19.02	2.15729G	-53.30	2.39272G	-49.69	2.4G	-51.20	2.50062G	-44.89	6.26584G	-48.05	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX CSENdB

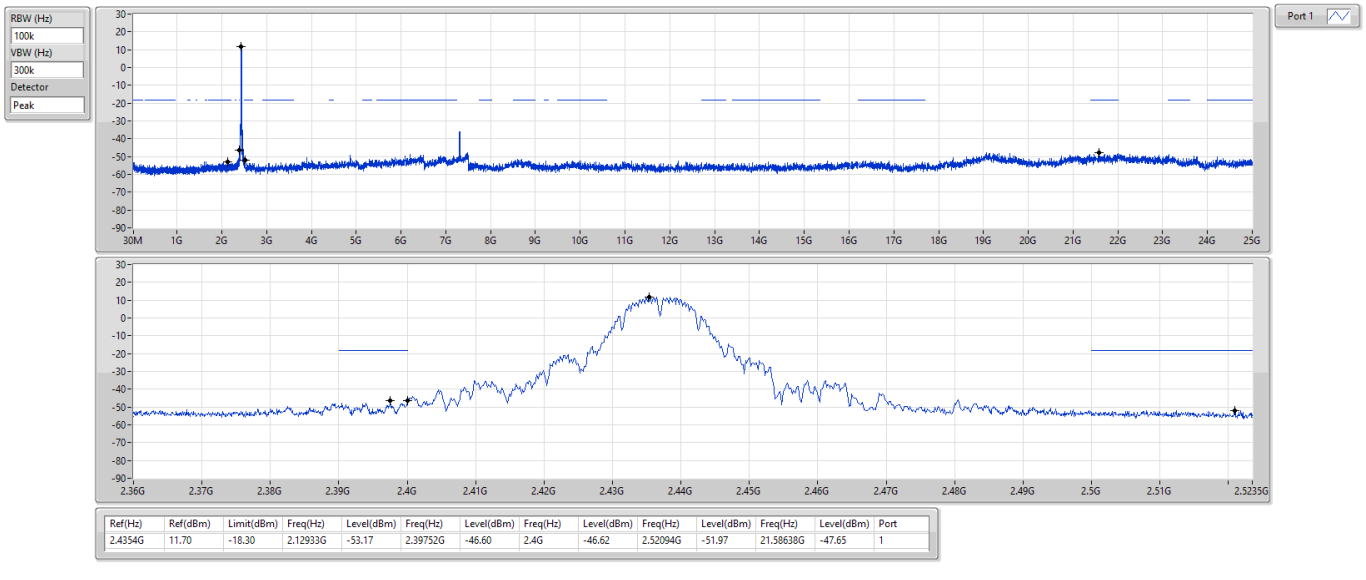
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4354G	11.70	-18.30	32.33M	-51.94	2.4G	-30.70	2.4G	-31.10	2.5127G	-52.37	7.23795G	-36.26	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX CSENdB

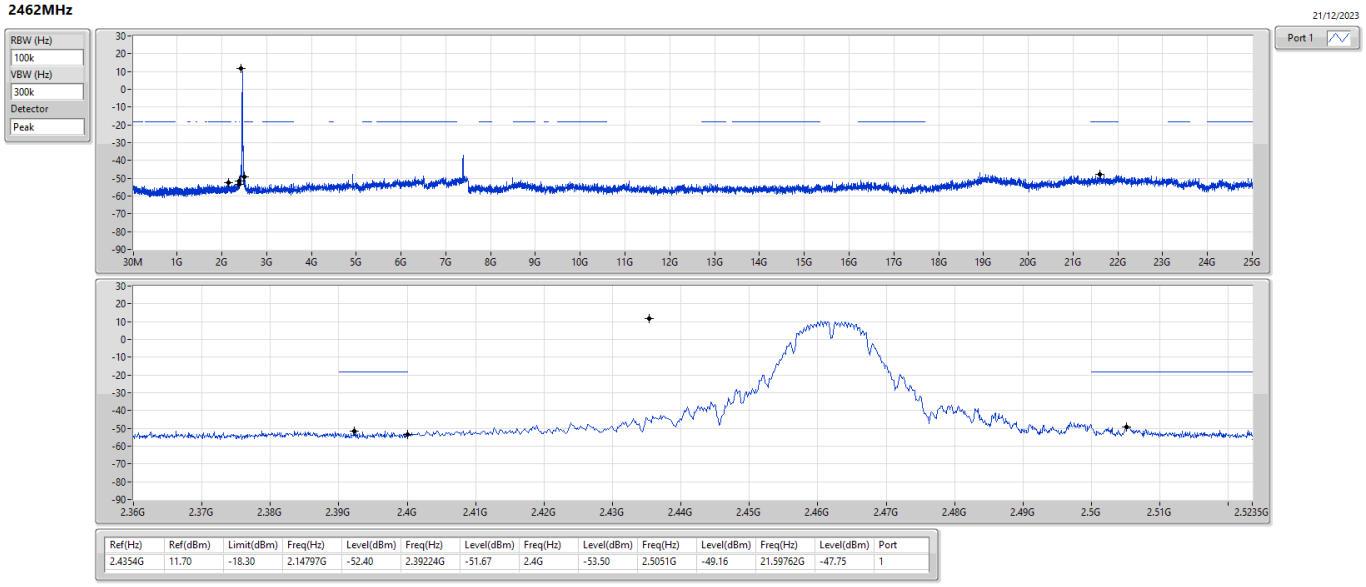
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4354G	11.70	-18.30	2.12933G	-53.17	2.39752G	-46.60	2.4G	-46.62	2.52094G	-51.97	21.58638G	-47.65	1

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX CSENdB

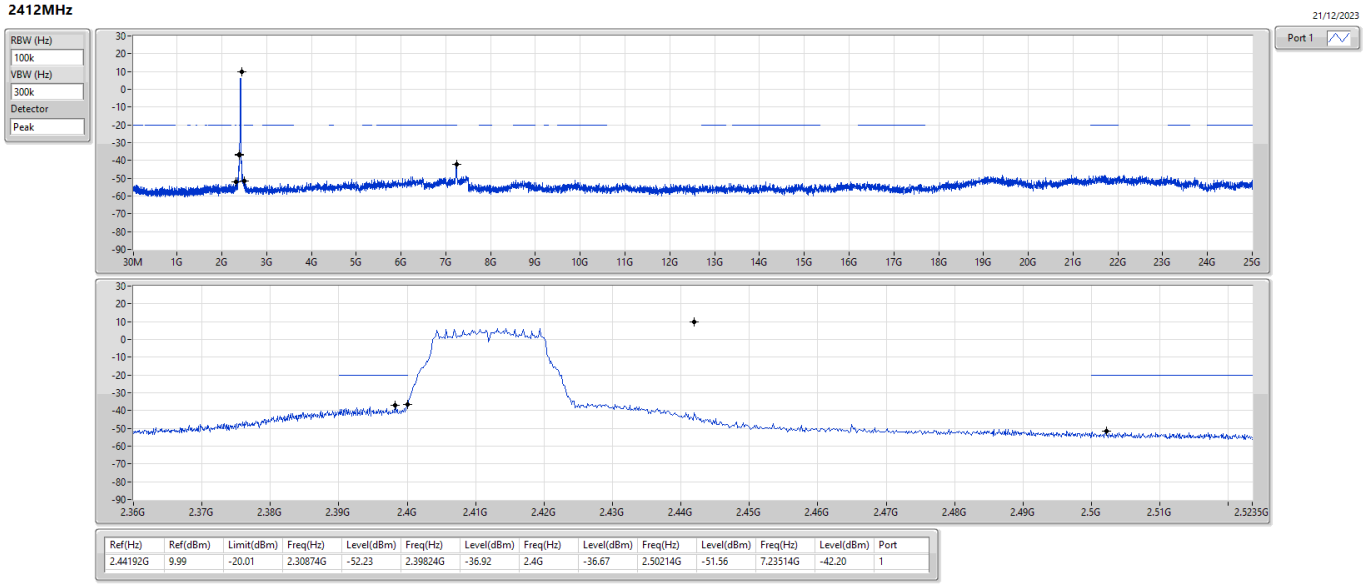
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4354G	11.70	-18.30	2.14797G	-52.40	2.39224G	-51.67	2.4G	-53.50	2.5051G	-49.16	21.59762G	-47.75	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX CSENdB

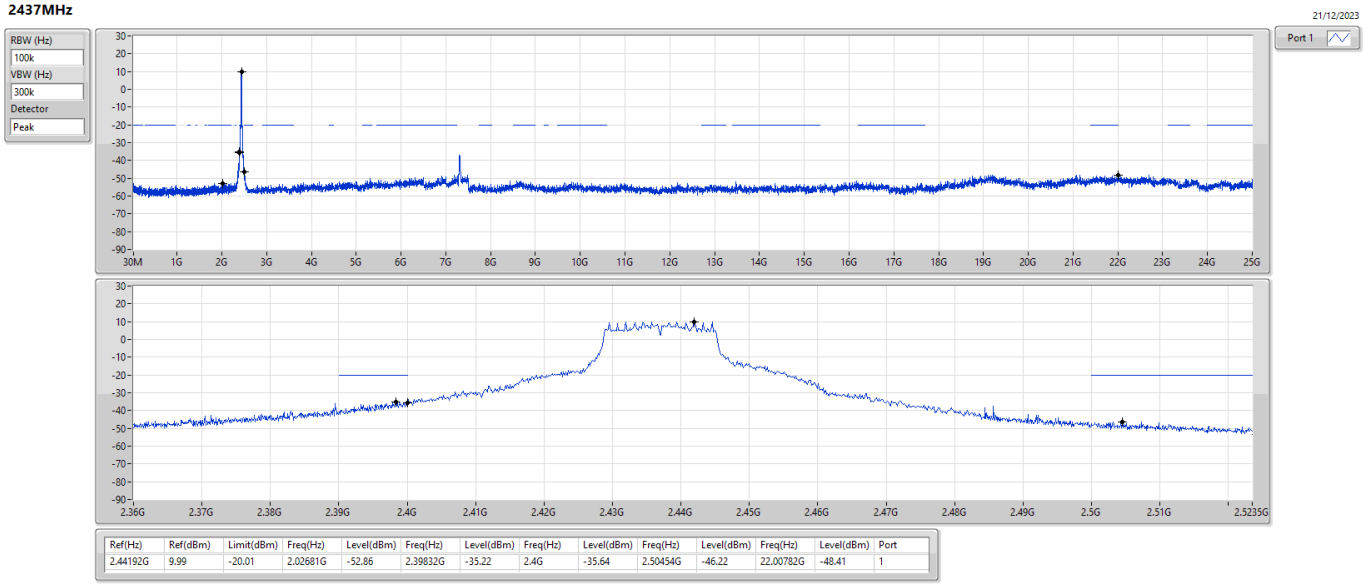
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	9.99	-20.01	2.30874G	-52.23	2.39824G	-36.92	2.4G	-36.67	2.50214G	-51.56	7.23514G	-42.20	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX CSENdB

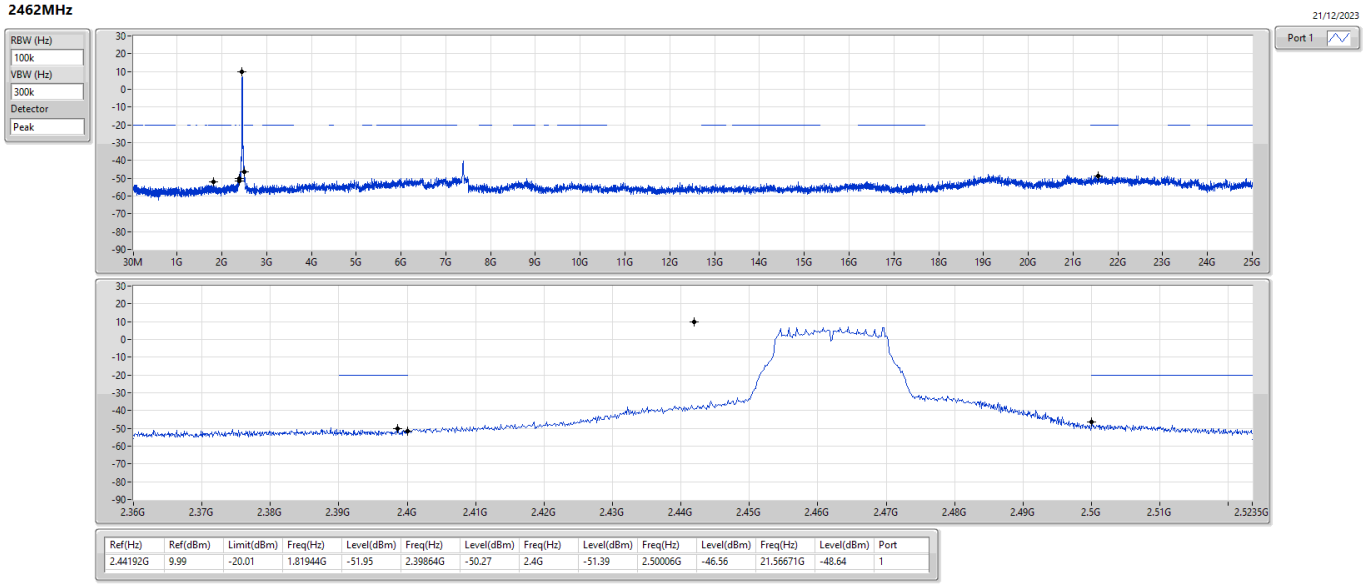
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	9.99	-20.01	2.02681G	-52.86	2.39832G	-35.22	2.4G	-35.64	2.50454G	-46.22	22.00782G	-48.41	1

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX CSENdB

2462MHz

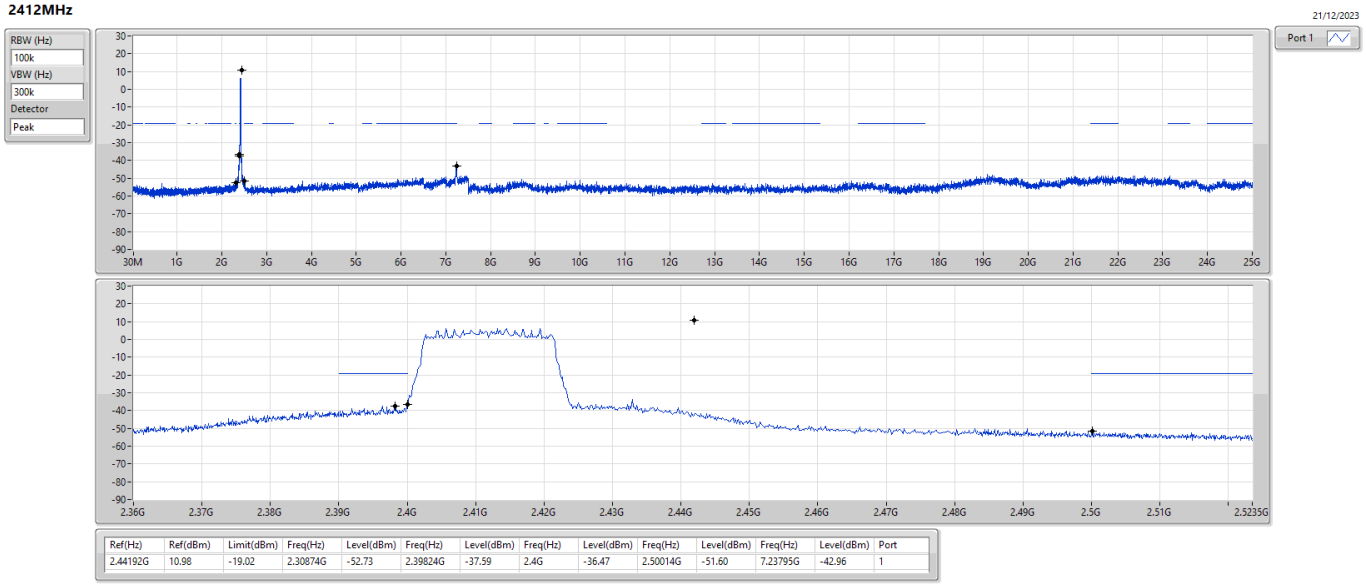


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	9.99	-20.01	1.81944G	-51.95	2.39864G	-50.27	2.4G	-51.39	2.50006G	-46.56	21.56671G	-48.64	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSENdB

2412MHz

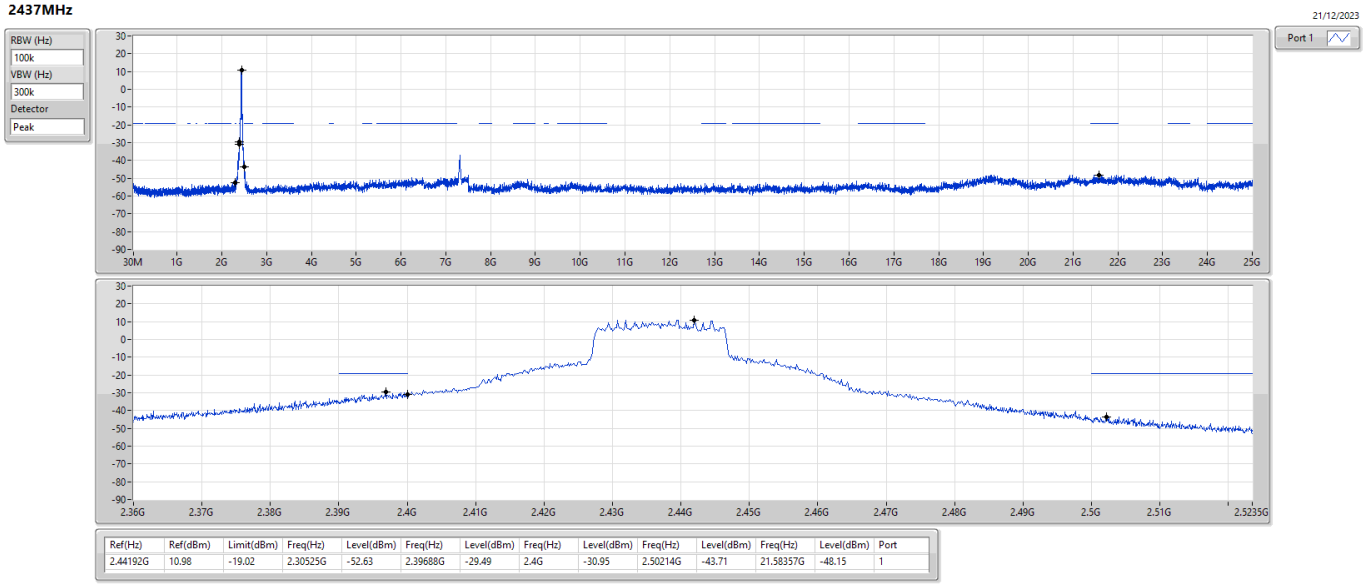


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	10.98	-19.02	2.30874G	-52.73	2.39824G	-37.59	2.4G	-36.47	2.50014G	-51.60	7.23795G	-42.96	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

CSENdB

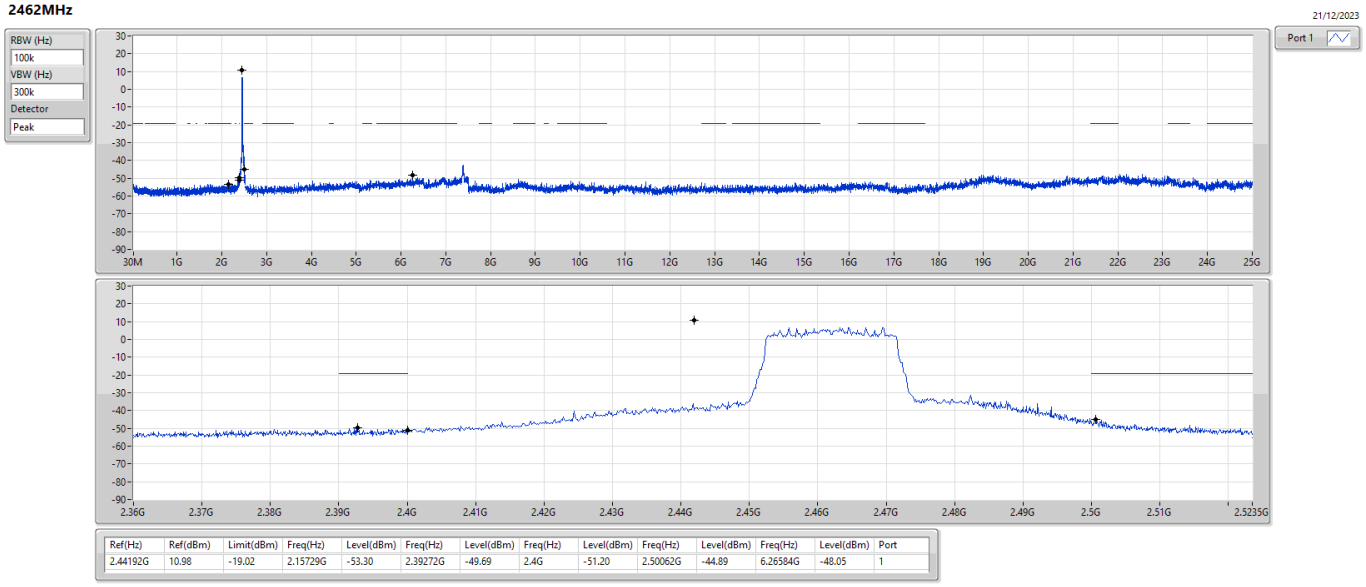
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	10.98	-19.02	2.30525G	-52.63	2.39688G	-29.49	2.4G	-30.95	2.50214G	-43.71	21.58357G	-48.15	1

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX CSENdB

2462MHz

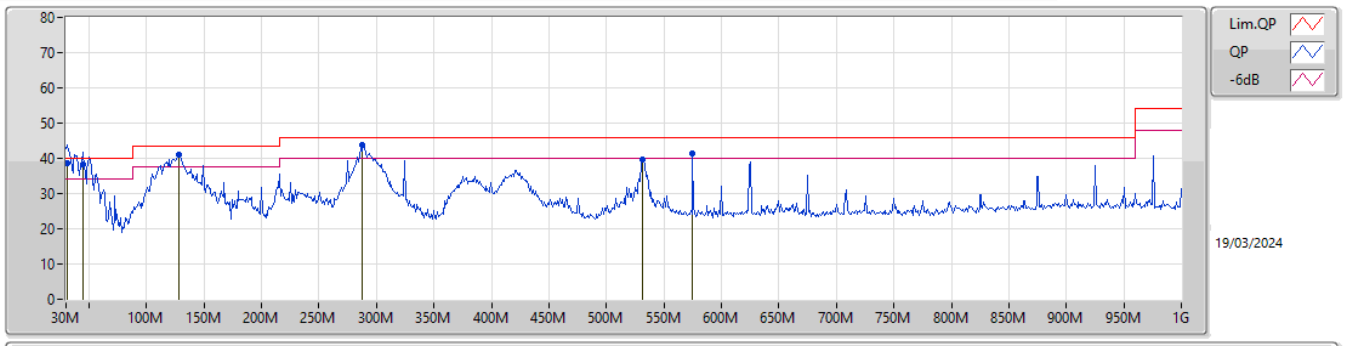


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	10.98	-19.02	2.15729G	-53.30	2.39272G	-49.69	2.4G	-51.20	2.50062G	-44.89	6.26584G	-48.05	1

Summary

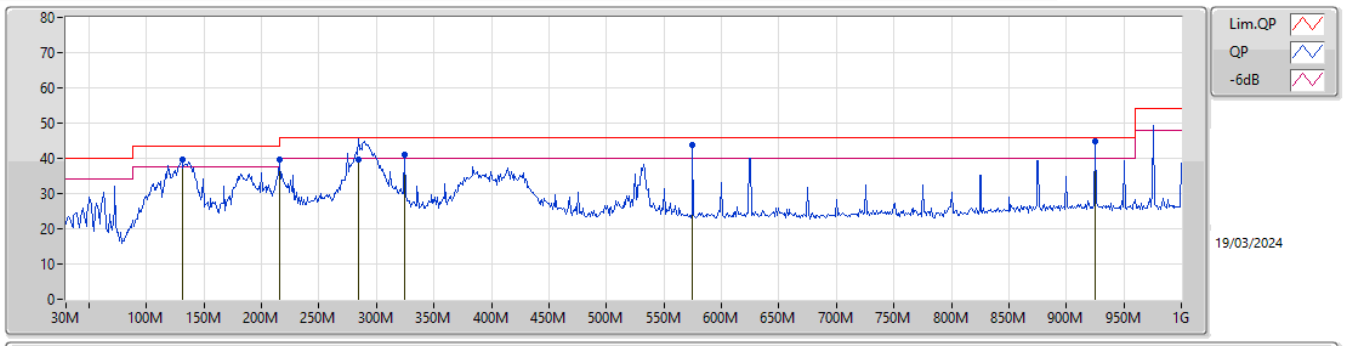
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	925.31M	44.99	46.00	-1.01	Horizontal

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	30.97M	38.68	40.00	-1.32	-7.77	3	Vertical	89	1.50	"Worst"	46.45	23.07	0.34	31.18
QP	44.55M	38.27	40.00	-1.73	-14.85	3	Vertical	236	1.00	-	53.12	16.17	0.45	31.47
PK	127.97M	41.06	43.50	-2.44	-12.19	3	Vertical	107	1.25	-	53.25	18.53	1.00	31.72
PK	288.02M	43.82	46.00	-2.18	-11.29	3	Vertical	129	1.00	-	55.11	18.91	1.63	31.83
PK	531.49M	39.53	46.00	-6.47	-5.90	3	Vertical	207	1.25	-	45.43	23.93	2.27	32.10
PK	575.14M	41.35	46.00	-4.65	-5.23	3	Vertical	216	1.25	-	46.58	24.54	2.38	32.15

Mode 1



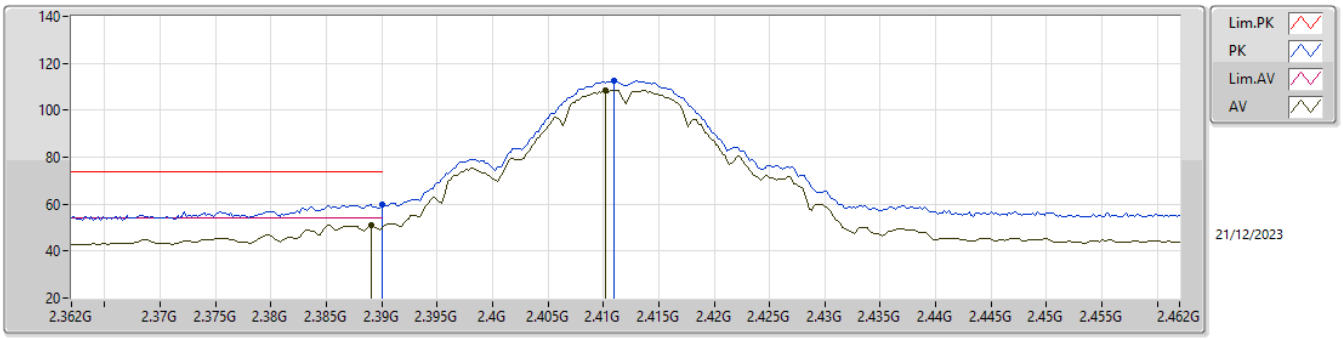
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	130.88M	39.68	43.50	-3.82	-12.55	3	Horizontal	316	3.00	-	52.23	18.17	1.02	31.74
PK	215.27M	39.59	43.50	-3.91	-15.58	3	Horizontal	282	1.00	-	55.17	14.89	1.32	31.79
QP	284.14M	39.52	46.00	-6.48	-11.36	3	Horizontal	240	1.00	-	50.88	18.86	1.61	31.83
PK	324.88M	40.95	46.00	-5.05	-10.64	3	Horizontal	250	1.25	-	51.59	19.45	1.73	31.82
PK	575.14M	43.78	46.00	-2.22	-5.23	3	Horizontal	180	2.00	-	49.01	24.54	2.38	32.15
QP	925.31M	44.99	46.00	-1.01	-2.38	3	Horizontal	235	1.00	"Worst"	47.37	26.72	3.14	32.24

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	52.66	54.00	-1.34	3	Horizontal	335	2.78	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

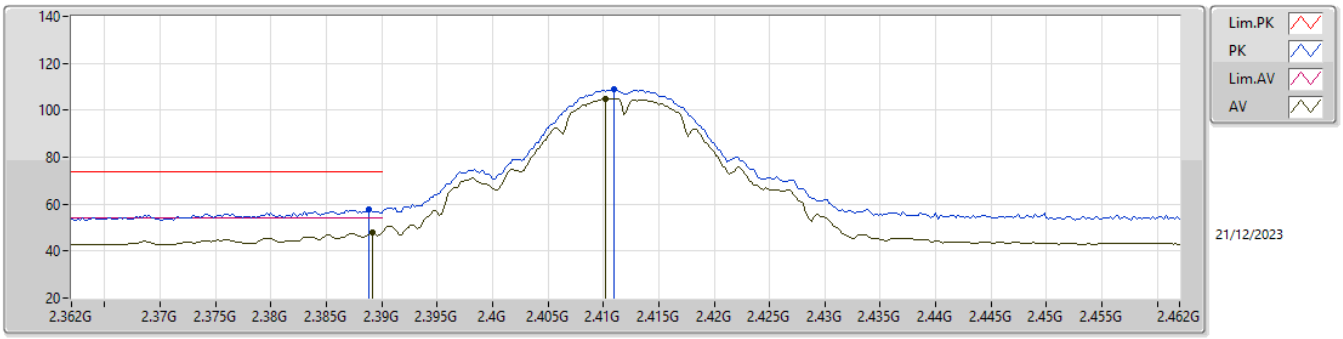


EUT Z_2TX
Setting 78
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	59.82	74.00	-14.18	28.36	3	Vertical	264	2.34	-	28.40	3.06	-
AV	2.389G	51.08	54.00	-2.92	19.63	3	Vertical	264	2.34	-	28.40	3.05	-
PK	2.411G	112.47	Inf	-Inf	81.01	3	Vertical	264	2.34	-	28.40	3.06	-
AV	2.4102G	108.48	Inf	-Inf	77.02	3	Vertical	264	2.34	-	28.40	3.06	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

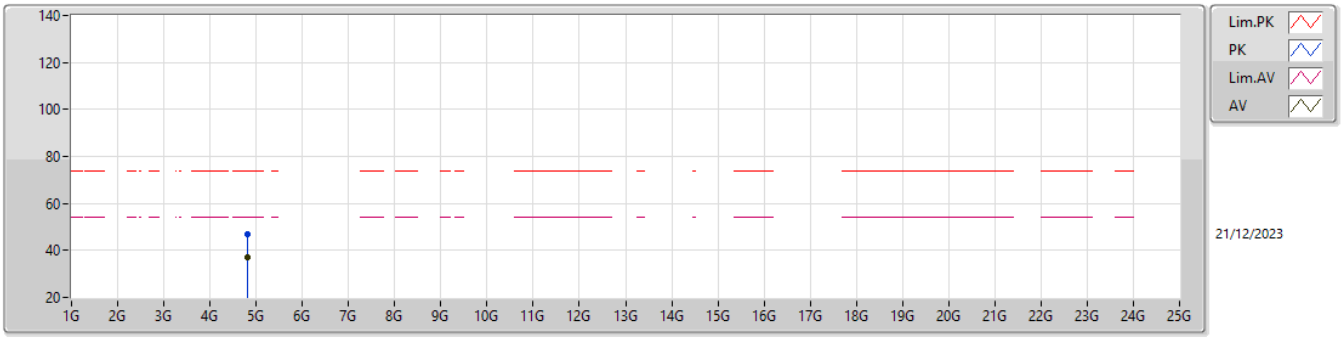


EUT Z_2TX
Setting 78
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	57.76	74.00	-16.24	26.31	3	Horizontal	115	2.71	-	28.40	3.05	-
AV	2.3892G	47.76	54.00	-6.24	16.31	3	Horizontal	115	2.71	-	28.40	3.05	-
PK	2.411G	108.82	Inf	-Inf	77.36	3	Horizontal	115	2.71	-	28.40	3.06	-
AV	2.4102G	104.94	Inf	-Inf	73.48	3	Horizontal	115	2.71	-	28.40	3.06	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

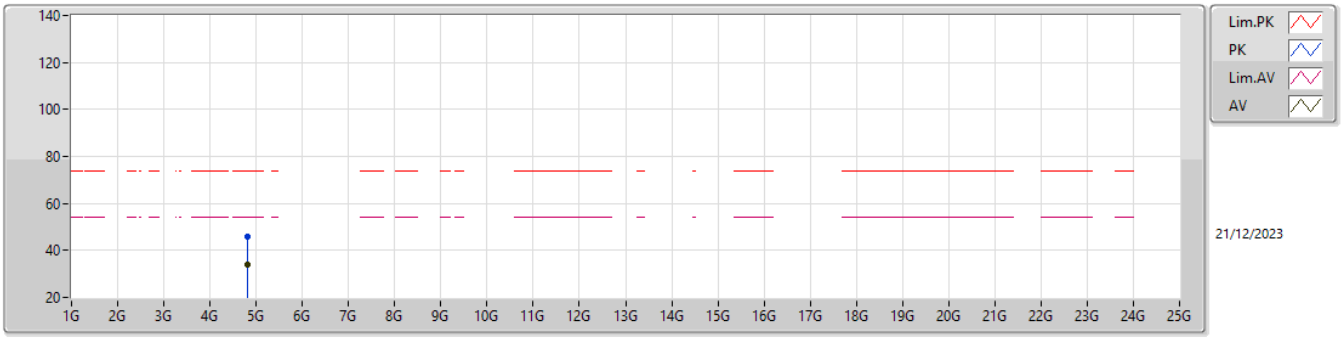


EUT X_2TX
Setting 78
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82408G	46.82	74.00	-27.18	39.46	3	Vertical	263	2.47	-	32.94	5.10	30.68
AV	4.82392G	36.82	54.00	-17.18	29.46	3	Vertical	263	2.47	-	32.94	5.10	30.68

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2412MHz_TX

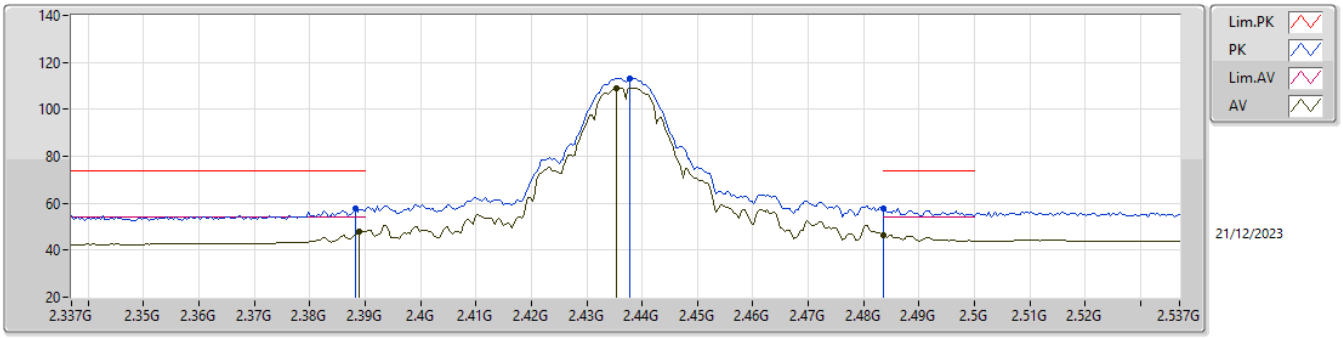


EUT X_2TX
Setting 78
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82376G	45.95	74.00	-28.05	38.59	3	Horizontal	268	2.11	-	32.94	5.10	30.68
AV	4.824G	33.72	54.00	-20.28	26.36	3	Horizontal	268	2.11	-	32.94	5.10	30.68

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

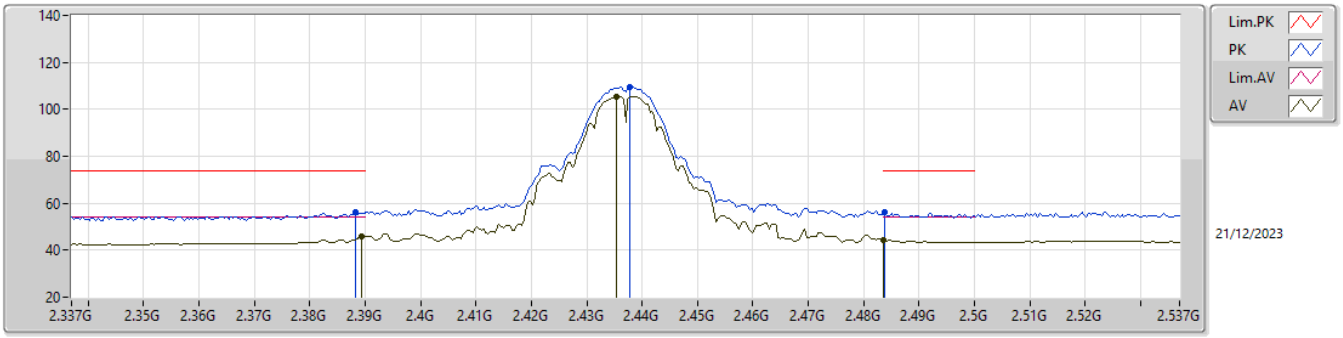


EUT Z_2TX
Setting 84
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	57.66	74.00	-16.34	26.21	3	Vertical	266	2.07	-	28.40	3.05	-
AV	2.389G	48.17	54.00	-5.83	16.72	3	Vertical	266	2.07	-	28.40	3.05	-
PK	2.4378G	113.25	Inf	-Inf	81.75	3	Vertical	266	2.07	-	28.42	3.08	-
AV	2.4354G	109.20	Inf	-Inf	77.68	3	Vertical	266	2.07	-	28.45	3.07	-
PK	2.4835G	57.83	74.00	-16.17	26.24	3	Vertical	266	2.07	-	28.50	3.09	-
AV	2.4835G	46.56	54.00	-7.44	14.97	3	Vertical	266	2.07	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

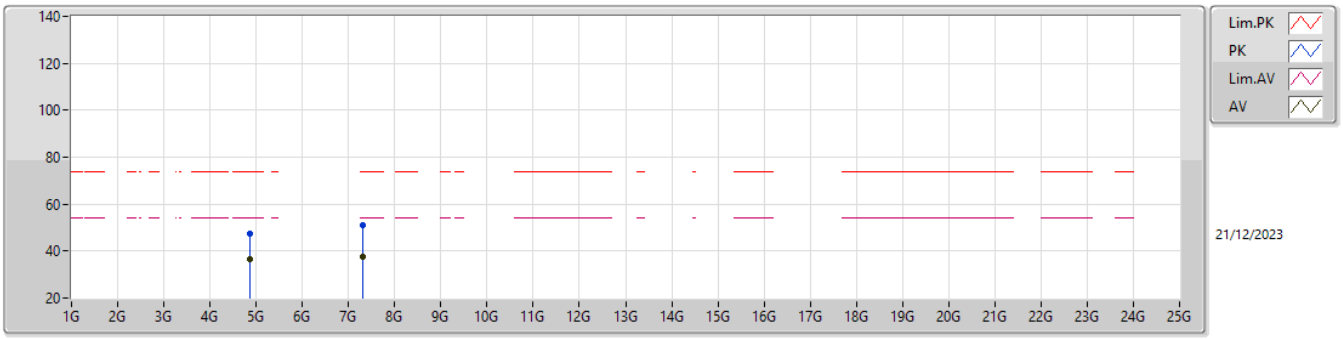


EUT Z_2TX
Setting 84
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	56.21	74.00	-17.79	24.76	3	Horizontal	117	1.00	-	28.40	3.05	-
AV	2.3894G	45.82	54.00	-8.18	14.37	3	Horizontal	117	1.00	-	28.40	3.05	-
PK	2.4378G	109.36	Inf	-Inf	77.86	3	Horizontal	117	1.00	-	28.42	3.08	-
AV	2.4354G	105.51	Inf	-Inf	73.99	3	Horizontal	117	1.00	-	28.45	3.07	-
PK	2.4838G	56.09	74.00	-17.91	24.50	3	Horizontal	117	1.00	-	28.50	3.09	-
AV	2.4835G	44.47	54.00	-9.53	12.88	3	Horizontal	117	1.00	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

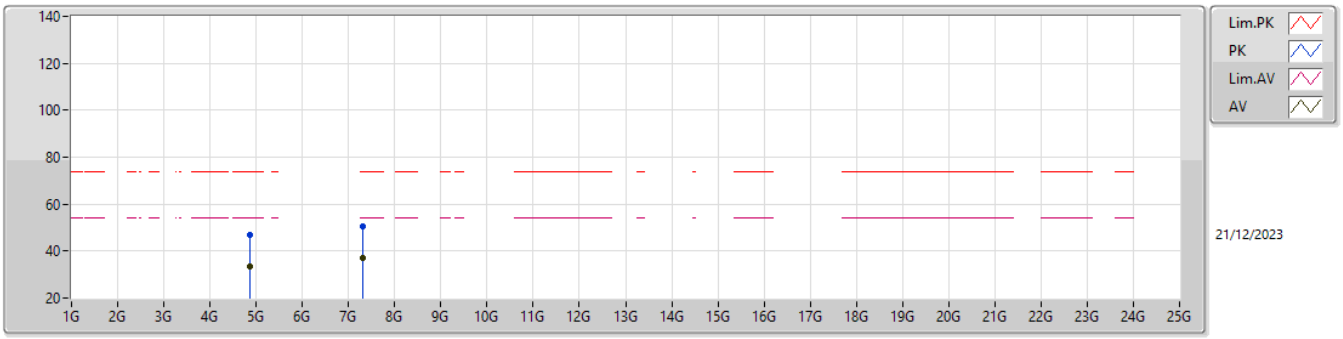


EUT X_2TX
Setting 84
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87392G	47.17	74.00	-26.83	39.55	3	Vertical	260	2.45	-	33.15	5.11	30.64
AV	4.87396G	36.58	54.00	-17.42	28.96	3	Vertical	260	2.45	-	33.15	5.11	30.64
PK	7.31284G	50.87	74.00	-23.13	39.85	3	Vertical	69	2.38	-	36.63	6.51	32.12
AV	7.31016G	37.40	54.00	-16.60	26.38	3	Vertical	69	2.38	-	36.62	6.51	32.11

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX

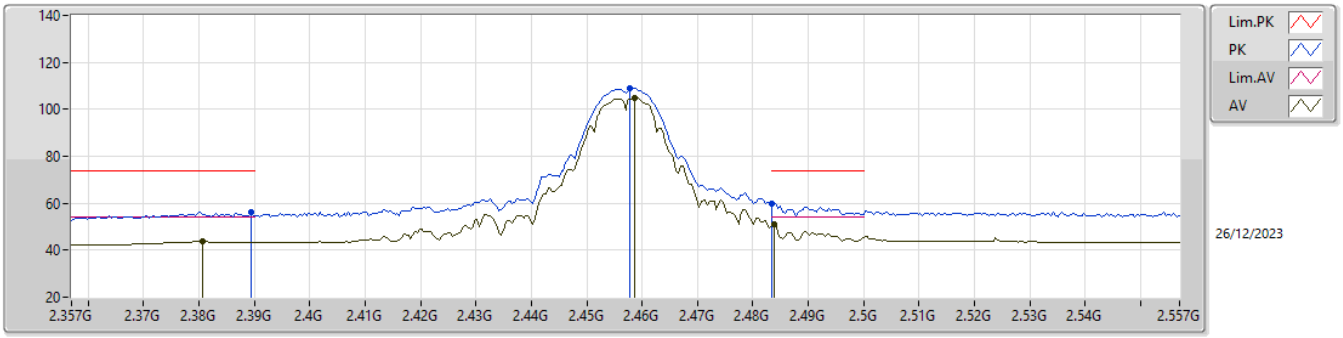


EUT X_2TX
Setting 84
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87396G	46.81	74.00	-27.19	39.19	3	Horizontal	270	1.00	-	33.15	5.11	30.64
AV	4.87392G	33.61	54.00	-20.39	25.99	3	Horizontal	270	1.00	-	33.15	5.11	30.64
PK	7.31168G	50.75	74.00	-23.25	39.73	3	Horizontal	338	1.03	-	36.62	6.51	32.11
AV	7.3118G	37.26	54.00	-16.74	26.24	3	Horizontal	338	1.03	-	36.62	6.51	32.11

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

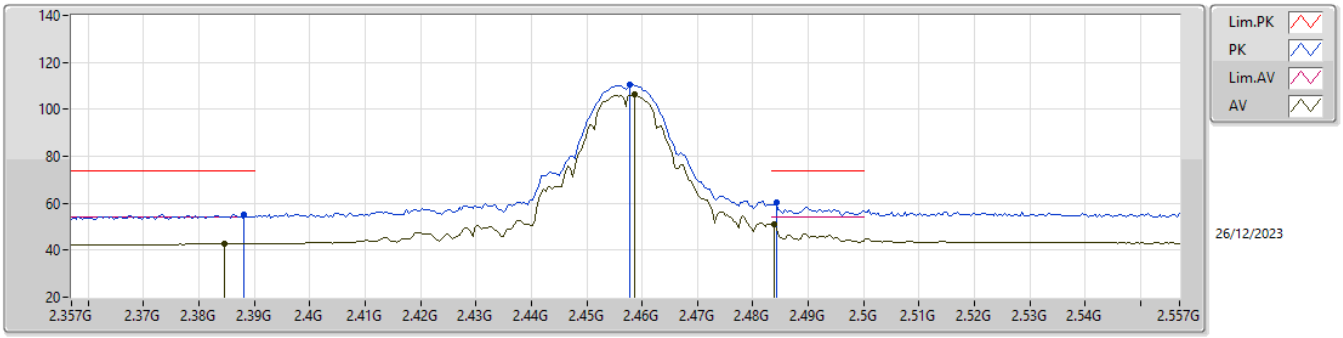


EUT Z_2TX
Setting 81
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	56.34	74.00	-17.66	24.89	3	Vertical	269	1.86	-	28.40	3.05	-
AV	2.3806G	43.65	54.00	-10.35	12.20	3	Vertical	269	1.86	-	28.40	3.05	-
PK	2.4578G	108.87	Inf	-Inf	77.31	3	Vertical	269	1.86	-	28.48	3.08	-
AV	2.4586G	104.88	Inf	-Inf	73.31	3	Vertical	269	1.86	-	28.49	3.08	-
PK	2.4835G	59.70	74.00	-14.30	28.11	3	Vertical	269	1.86	-	28.50	3.09	-
AV	2.4838G	51.17	54.00	-2.83	19.58	3	Vertical	269	1.86	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2457MHz_TX

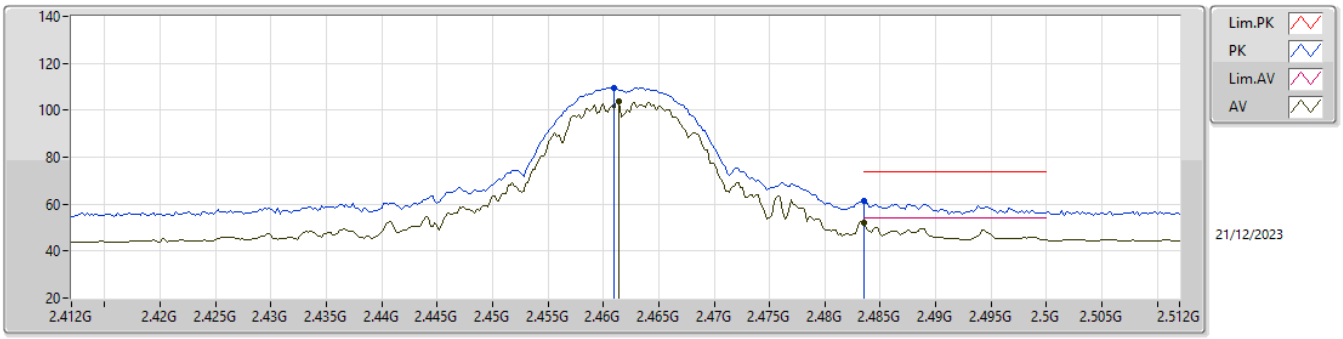


EUT Z_2TX
Setting 81
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	55.40	74.00	-18.60	23.95	3	Horizontal	333	2.78	-	28.40	3.05	-
AV	2.3846G	42.73	54.00	-11.27	11.28	3	Horizontal	333	2.78	-	28.40	3.05	-
PK	2.4578G	110.37	Inf	-Inf	78.81	3	Horizontal	333	2.78	-	28.48	3.08	-
AV	2.4586G	106.25	Inf	-Inf	74.68	3	Horizontal	333	2.78	-	28.49	3.08	-
PK	2.4842G	60.24	74.00	-13.76	28.65	3	Horizontal	333	2.78	-	28.50	3.09	-
AV	2.4838G	50.89	54.00	-3.11	19.30	3	Horizontal	333	2.78	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

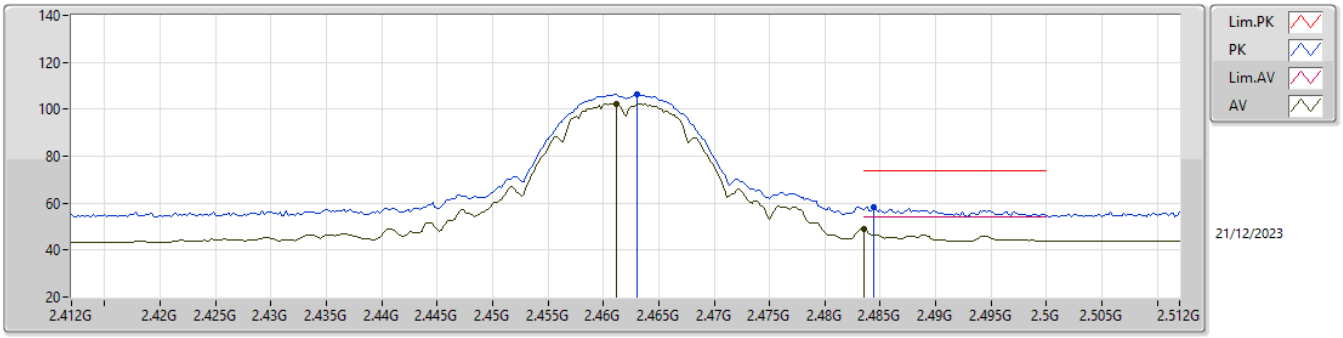


EUT Z_2TX
Setting 78
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	109.61	Inf	-Inf	78.03	3	Vertical	269	1.91	-	28.50	3.08	-
AV	2.4614G	104.02	Inf	-Inf	72.44	3	Vertical	269	1.91	-	28.50	3.08	-
PK	2.4835G	61.37	74.00	-12.63	29.78	3	Vertical	269	1.91	-	28.50	3.09	-
AV	2.4835G	51.94	54.00	-2.06	20.35	3	Vertical	269	1.91	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

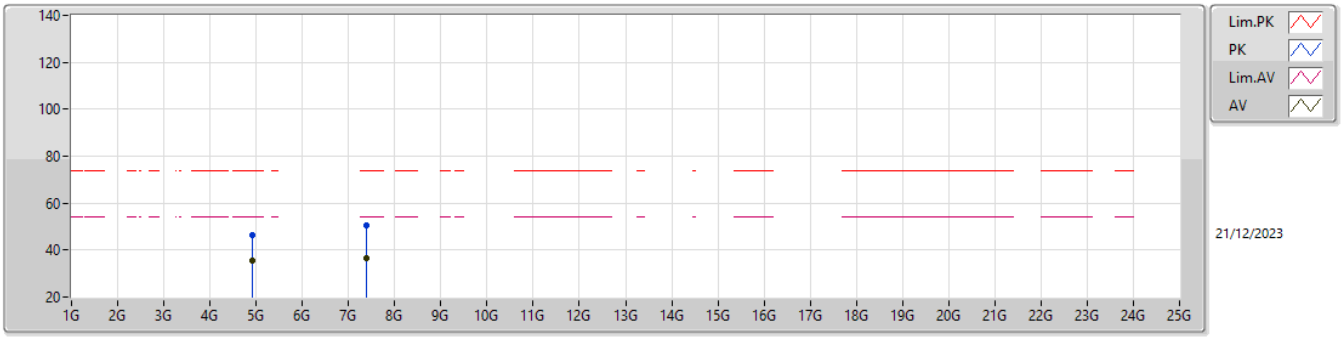


EUT Z_2TX
Setting 78
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	106.28	Inf	-Inf	74.69	3	Horizontal	259	2.57	-	28.50	3.09	-
AV	2.4612G	102.36	Inf	-Inf	70.78	3	Horizontal	259	2.57	-	28.50	3.08	-
PK	2.4844G	58.46	74.00	-15.54	26.87	3	Horizontal	259	2.57	-	28.50	3.09	-
AV	2.4835G	48.74	54.00	-5.26	17.15	3	Horizontal	259	2.57	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

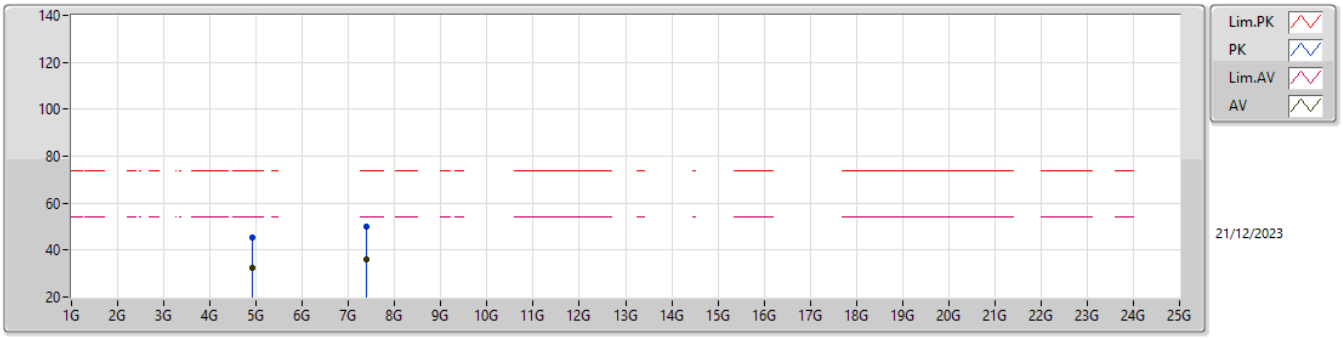


EUT X_2TX
Setting 78
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92404G	46.34	74.00	-27.66	38.57	3	Vertical	259	2.38	-	33.25	5.13	30.61
AV	4.924G	35.42	54.00	-18.58	27.65	3	Vertical	259	2.38	-	33.25	5.13	30.61
PK	7.3948G	50.63	74.00	-23.37	39.53	3	Vertical	56	2.05	-	36.70	6.56	32.16
AV	7.38692G	36.35	54.00	-17.65	25.26	3	Vertical	56	2.05	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX

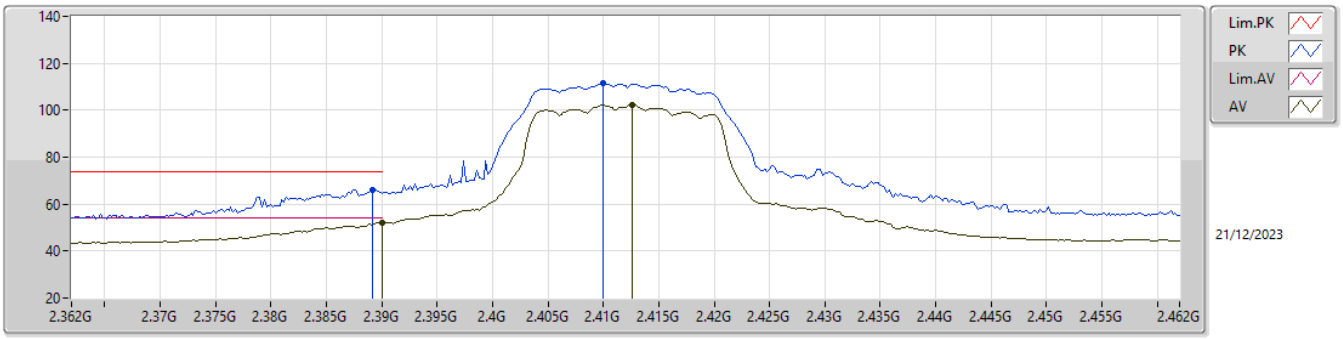


EUT X_2TX
Setting 78
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9242G	45.44	74.00	-28.56	37.67	3	Horizontal	312	1.80	-	33.25	5.13	30.61
AV	4.92396G	32.55	54.00	-21.45	24.78	3	Horizontal	312	1.80	-	33.25	5.13	30.61
PK	7.38024G	49.81	74.00	-24.19	38.71	3	Horizontal	2	2.50	-	36.70	6.55	32.15
AV	7.38684G	36.11	54.00	-17.89	25.02	3	Horizontal	2	2.50	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

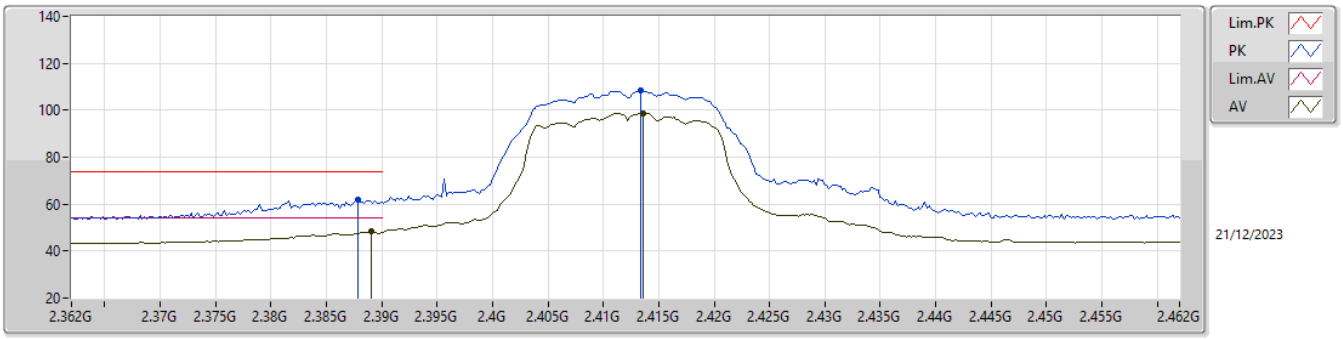


EUT Z_2TX
Setting 68
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	66.22	74.00	-7.78	34.77	3	Vertical	271	2.12	-	28.40	3.05	-
AV	2.39G	52.15	54.00	-1.85	20.69	3	Vertical	271	2.12	-	28.40	3.06	-
PK	2.41G	111.74	Inf	-Inf	80.28	3	Vertical	271	2.12	-	28.40	3.06	-
AV	2.4126G	102.21	Inf	-Inf	70.74	3	Vertical	271	2.12	-	28.40	3.07	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

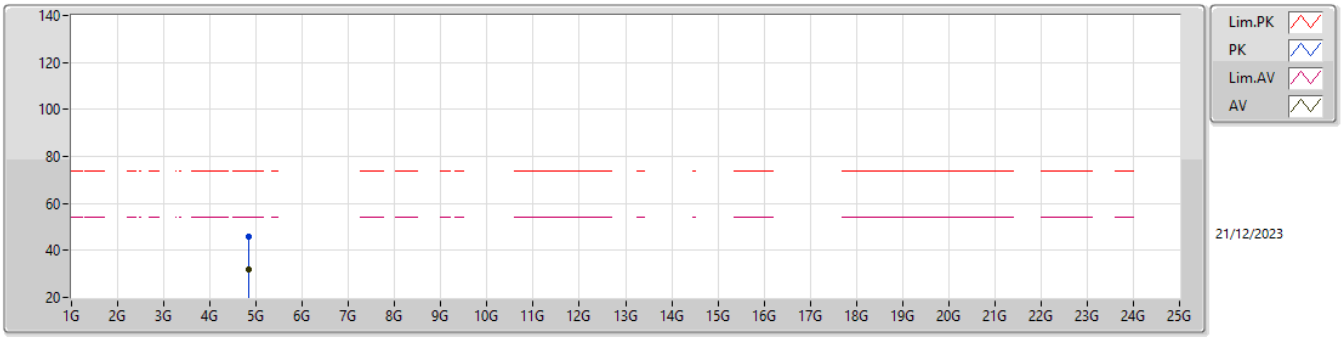


EUT Z_2TX
Setting 68
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	61.82	74.00	-12.18	30.37	3	Horizontal	83	2.88	-	28.40	3.05	-
AV	2.389G	48.24	54.00	-5.76	16.79	3	Horizontal	83	2.88	-	28.40	3.05	-
PK	2.4134G	108.31	Inf	-Inf	76.84	3	Horizontal	83	2.88	-	28.40	3.07	-
AV	2.4136G	98.51	Inf	-Inf	67.04	3	Horizontal	83	2.88	-	28.40	3.07	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

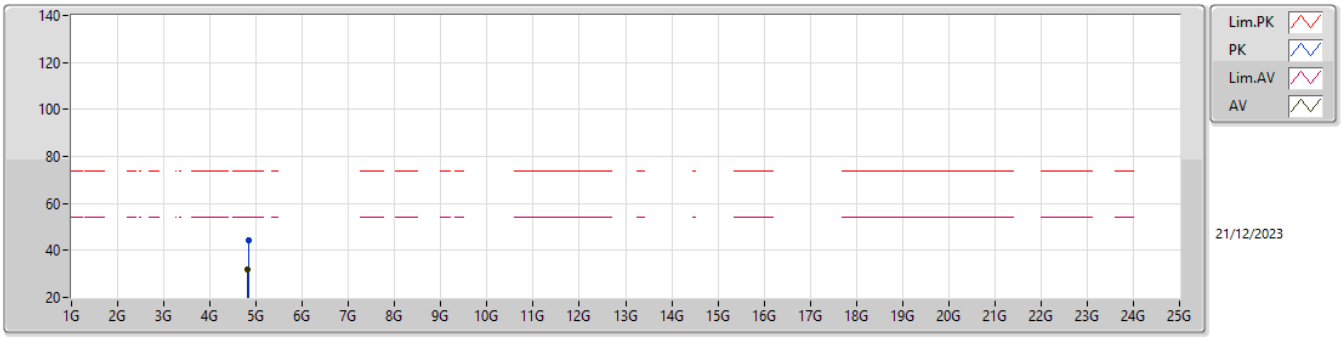


EUT X_2TX
Setting 68
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83288G	46.01	74.00	-27.99	38.58	3	Vertical	360	2.30	-	33.00	5.10	30.67
AV	4.83212G	32.03	54.00	-21.97	24.61	3	Vertical	360	2.30	-	32.99	5.10	30.67

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX

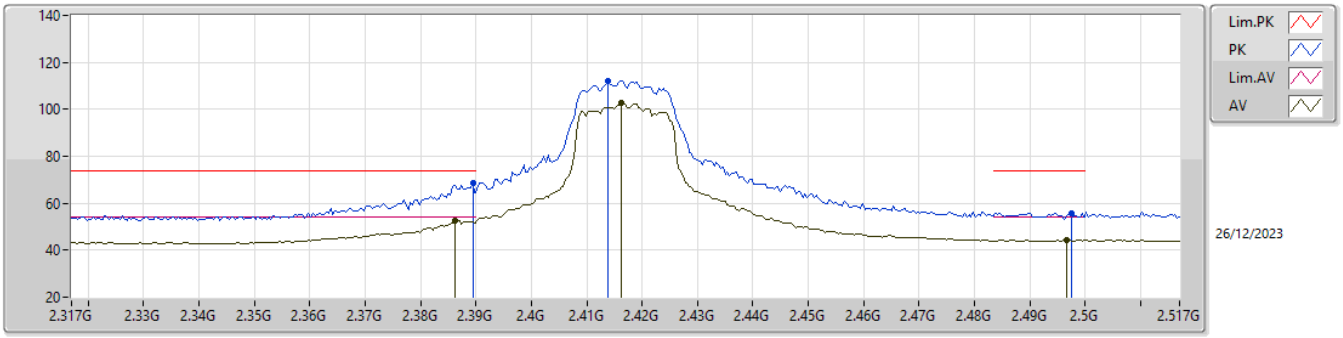


EUT X_2TX
Setting 68
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82984G	44.36	74.00	-29.64	36.95	3	Horizontal	93	1.93	-	32.98	5.10	30.67
AV	4.82392G	31.90	54.00	-22.10	24.54	3	Horizontal	93	1.93	-	32.94	5.10	30.68

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

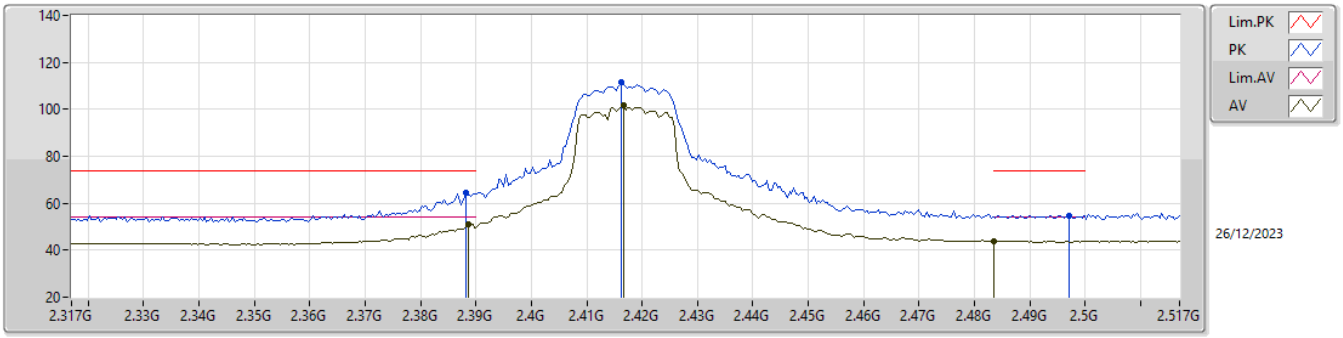


EUT Z_2TX
Setting 73
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	68.44	74.00	-5.56	36.99	3	Vertical	282	1.26	-	28.40	3.05	-
AV	2.3862G	52.53	54.00	-1.47	21.08	3	Vertical	282	1.26	-	28.40	3.05	-
PK	2.4138G	112.14	Inf	-Inf	80.67	3	Vertical	282	1.26	-	28.40	3.07	-
AV	2.4162G	102.85	Inf	-Inf	71.38	3	Vertical	282	1.26	-	28.40	3.07	-
PK	2.4974G	55.73	74.00	-18.27	24.06	3	Vertical	282	1.26	-	28.57	3.10	-
AV	2.4966G	44.18	54.00	-9.82	12.51	3	Vertical	282	1.26	-	28.57	3.10	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2417MHz_TX

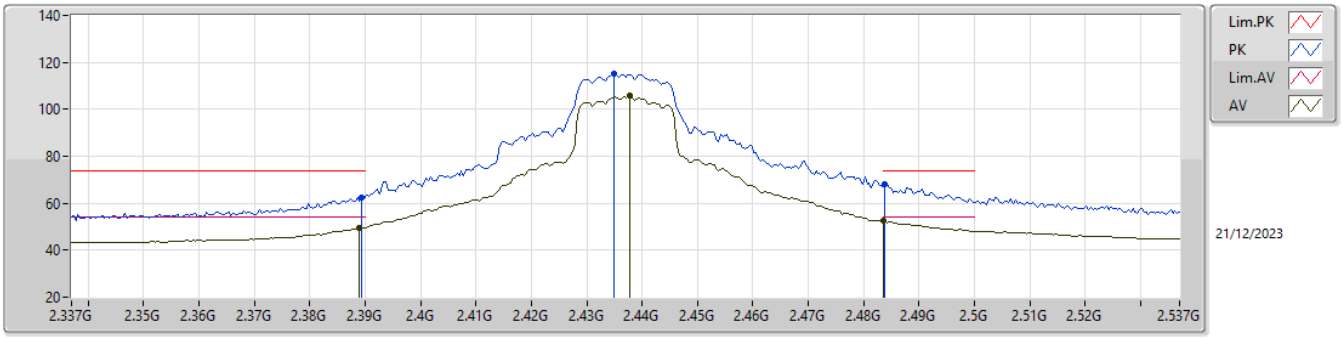


EUT Z_2TX
Setting 73
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	64.34	74.00	-9.66	32.89	3	Horizontal	334	2.89	-	28.40	3.05	-
AV	2.3886G	51.08	54.00	-2.92	19.63	3	Horizontal	334	2.89	-	28.40	3.05	-
PK	2.4162G	111.55	Inf	-Inf	80.08	3	Horizontal	334	2.89	-	28.40	3.07	-
AV	2.4166G	101.72	Inf	-Inf	70.25	3	Horizontal	334	2.89	-	28.40	3.07	-
PK	2.497G	54.85	74.00	-19.15	23.18	3	Horizontal	334	2.89	-	28.57	3.10	-
AV	2.4835G	43.93	54.00	-10.07	12.34	3	Horizontal	334	2.89	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

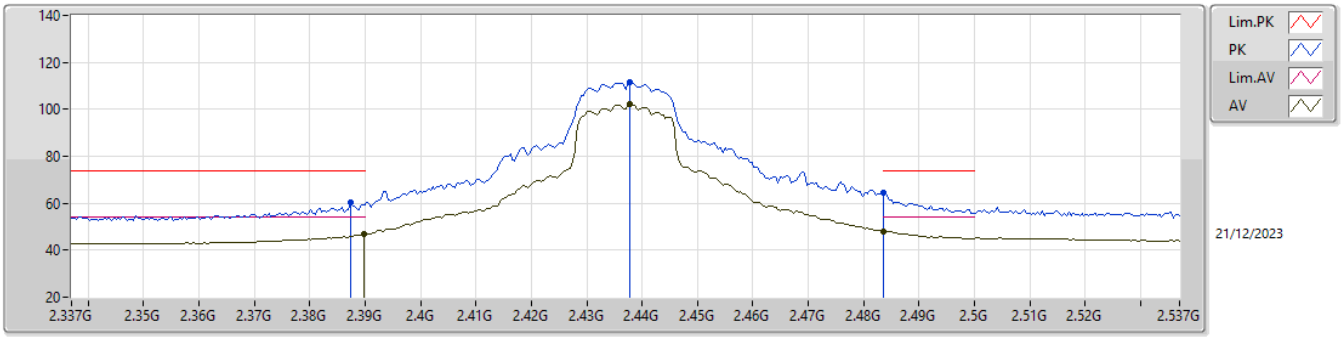


EUT Z_2TX
Setting 77
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	62.60	74.00	-11.40	31.15	3	Vertical	272	2.01	-	28.40	3.05	-
AV	2.389G	49.41	54.00	-4.59	17.96	3	Vertical	272	2.01	-	28.40	3.05	-
PK	2.435G	115.12	Inf	-Inf	83.60	3	Vertical	272	2.01	-	28.45	3.07	-
AV	2.4378G	105.70	Inf	-Inf	74.20	3	Vertical	272	2.01	-	28.42	3.08	-
PK	2.4838G	68.28	74.00	-5.72	36.69	3	Vertical	272	2.01	-	28.50	3.09	-
AV	2.4835G	52.56	54.00	-1.44	20.97	3	Vertical	272	2.01	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

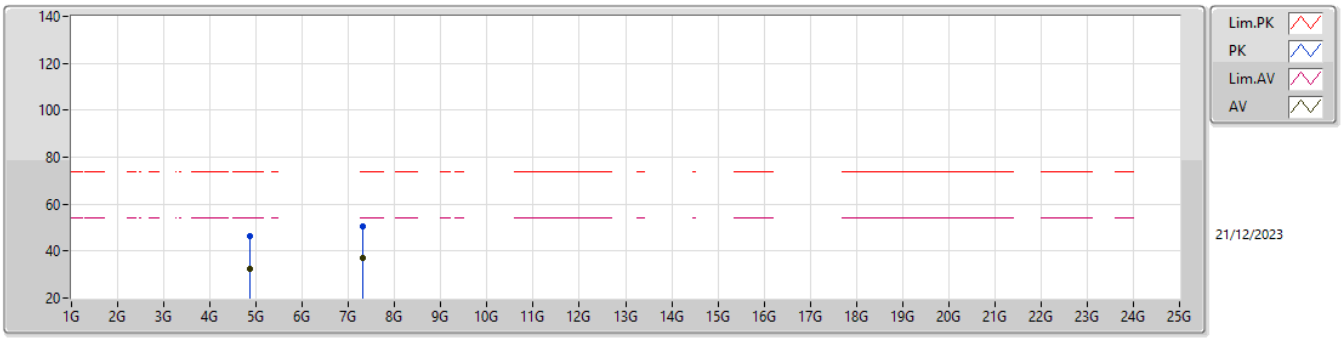


EUT Z_2TX
Setting 77
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	60.15	74.00	-13.85	28.70	3	Horizontal	37	1.49	-	28.40	3.05	-
AV	2.3898G	46.91	54.00	-7.09	15.46	3	Horizontal	37	1.49	-	28.40	3.05	-
PK	2.4378G	111.34	Inf	-Inf	79.84	3	Horizontal	37	1.49	-	28.42	3.08	-
AV	2.4378G	102.21	Inf	-Inf	70.71	3	Horizontal	37	1.49	-	28.42	3.08	-
PK	2.4835G	64.42	74.00	-9.58	32.83	3	Horizontal	37	1.49	-	28.50	3.09	-
AV	2.4835G	48.12	54.00	-5.88	16.53	3	Horizontal	37	1.49	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

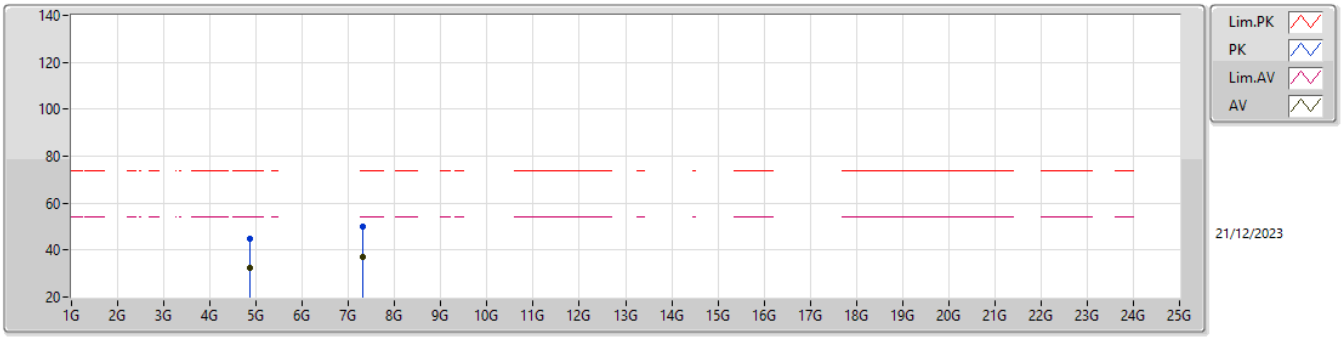


EUT X_2TX
Setting 77
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8646G	46.46	74.00	-27.54	38.87	3	Vertical	43	1.80	-	33.13	5.11	30.65
AV	4.8762G	32.43	54.00	-21.57	24.81	3	Vertical	43	1.80	-	33.15	5.11	30.64
PK	7.30816G	50.28	74.00	-23.72	39.26	3	Vertical	122	2.30	-	36.62	6.51	32.11
AV	7.31164G	36.99	54.00	-17.01	25.97	3	Vertical	122	2.30	-	36.62	6.51	32.11

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2437MHz_TX

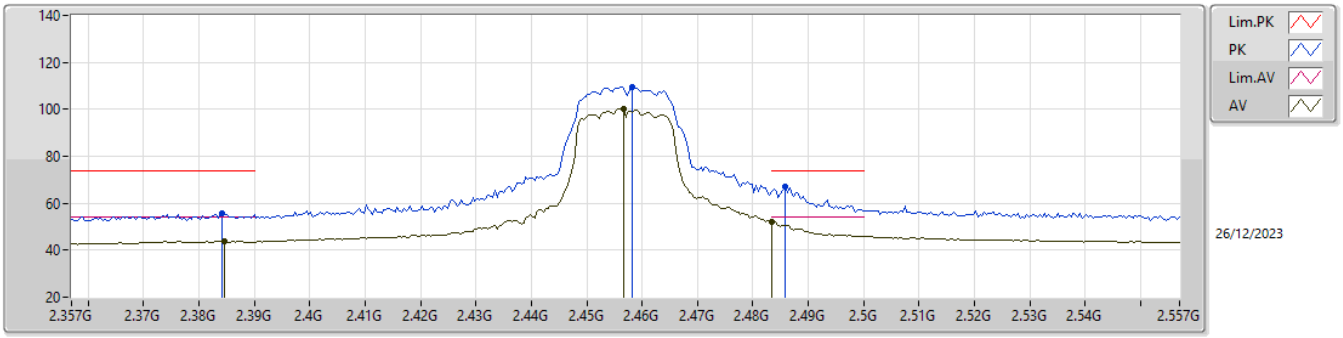


EUT X_2TX
Setting 77
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87516G	44.92	74.00	-29.08	37.30	3	Horizontal	117	2.54	-	33.15	5.11	30.64
AV	4.86692G	32.16	54.00	-21.84	24.57	3	Horizontal	117	2.54	-	33.13	5.11	30.65
PK	7.30796G	50.25	74.00	-23.75	39.23	3	Horizontal	317	1.27	-	36.62	6.51	32.11
AV	7.31156G	37.05	54.00	-16.95	26.03	3	Horizontal	317	1.27	-	36.62	6.51	32.11

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

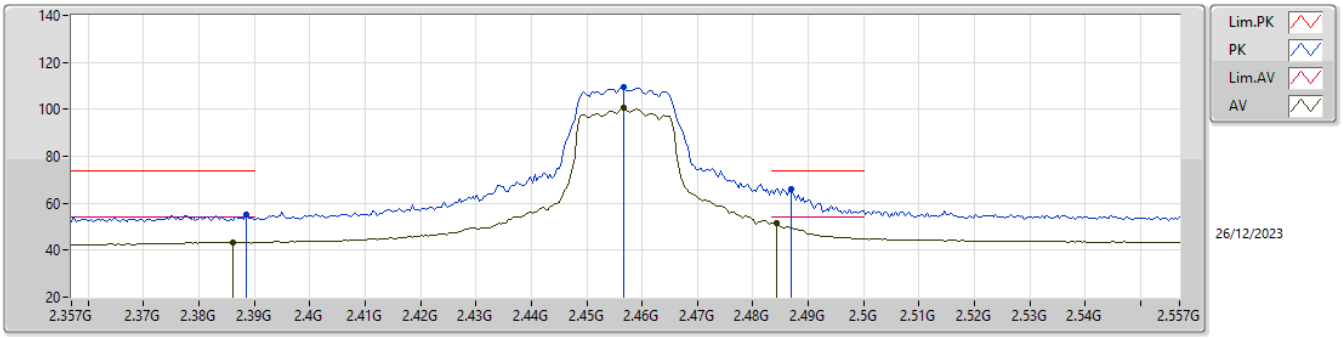


EUT Z_2TX
Setting 72
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3842G	55.65	74.00	-18.35	24.20	3	Vertical	282	1.68	-	28.40	3.05	-
AV	2.3846G	43.87	54.00	-10.13	12.42	3	Vertical	282	1.68	-	28.40	3.05	-
PK	2.4582G	109.63	Inf	-Inf	78.07	3	Vertical	282	1.68	-	28.48	3.08	-
AV	2.4566G	100.15	Inf	-Inf	68.60	3	Vertical	282	1.68	-	28.47	3.08	-
PK	2.4858G	66.85	74.00	-7.15	35.26	3	Vertical	282	1.68	-	28.50	3.09	-
AV	2.4835G	52.30	54.00	-1.70	20.71	3	Vertical	282	1.68	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2457MHz_TX

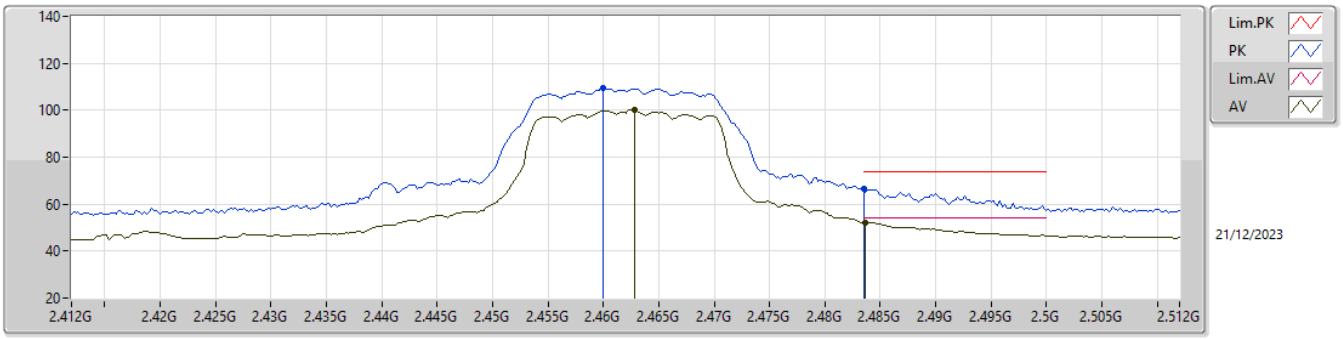


EUT Z_2TX
Setting 72
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	54.92	74.00	-19.08	23.47	3	Horizontal	334	2.79	-	28.40	3.05	-
AV	2.3862G	43.36	54.00	-10.64	11.91	3	Horizontal	334	2.79	-	28.40	3.05	-
PK	2.4566G	109.34	Inf	-Inf	77.79	3	Horizontal	334	2.79	-	28.47	3.08	-
AV	2.4566G	100.50	Inf	-Inf	68.95	3	Horizontal	334	2.79	-	28.47	3.08	-
PK	2.487G	66.17	74.00	-7.83	34.58	3	Horizontal	334	2.79	-	28.50	3.09	-
AV	2.4842G	51.64	54.00	-2.36	20.05	3	Horizontal	334	2.79	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

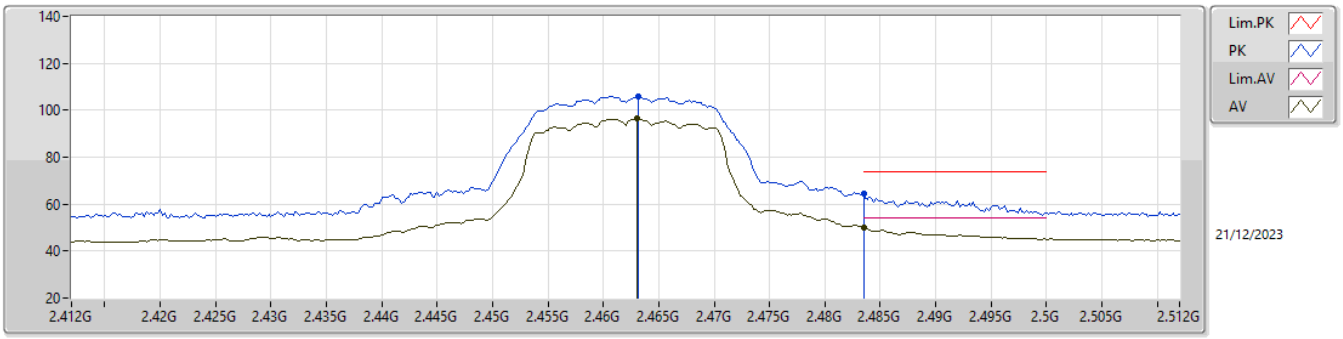


EUT Z_2TX
Setting 70
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.46G	109.30	Inf	-Inf	77.72	3	Vertical	268	1.94	-	28.50	3.08	-
AV	2.4628G	100.24	Inf	-Inf	68.65	3	Vertical	268	1.94	-	28.50	3.09	-
PK	2.4835G	66.39	74.00	-7.61	34.80	3	Vertical	268	1.94	-	28.50	3.09	-
AV	2.4836G	52.11	54.00	-1.89	20.52	3	Vertical	268	1.94	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

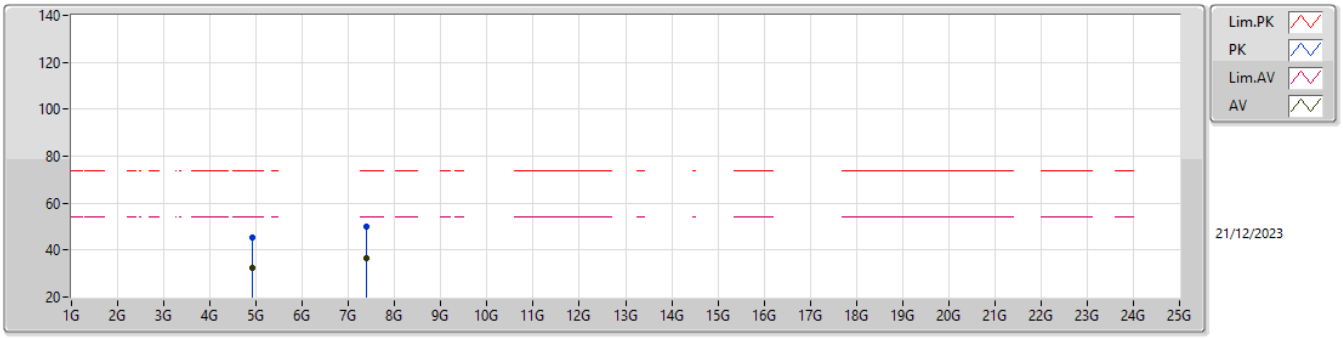


EUT Z_2TX
Setting 70
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4632G	105.82	Inf	-Inf	74.23	3	Horizontal	10	2.72	-	28.50	3.09	-
AV	2.463G	96.30	Inf	-Inf	64.71	3	Horizontal	10	2.72	-	28.50	3.09	-
PK	2.4835G	64.25	74.00	-9.75	32.66	3	Horizontal	10	2.72	-	28.50	3.09	-
AV	2.4835G	50.13	54.00	-3.87	18.54	3	Horizontal	10	2.72	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

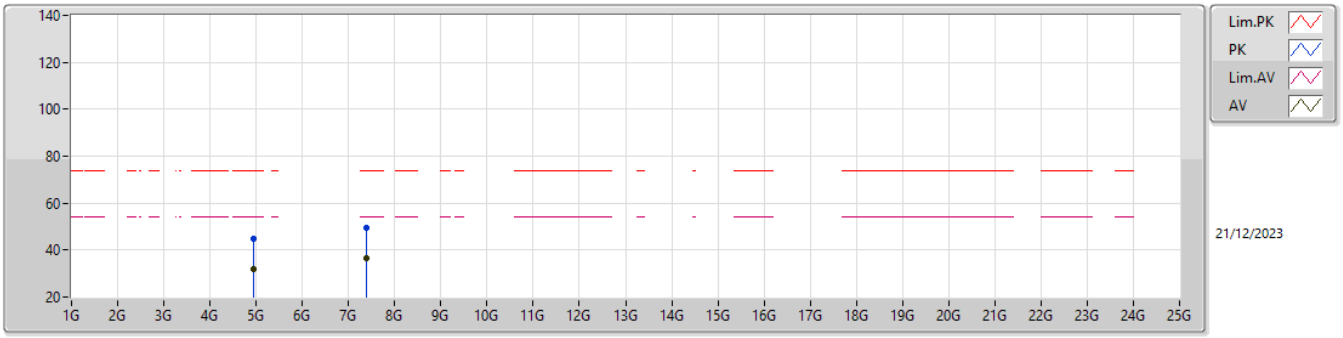


EUT X_2TX
Setting 70
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9214G	45.39	74.00	-28.61	37.63	3	Vertical	124	1.00	-	33.24	5.13	30.61
AV	4.92728G	32.17	54.00	-21.83	24.40	3	Vertical	124	1.00	-	33.25	5.13	30.61
PK	7.38728G	50.20	74.00	-23.80	39.11	3	Vertical	225	2.03	-	36.70	6.55	32.16
AV	7.38576G	36.66	54.00	-17.34	25.57	3	Vertical	225	2.03	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX

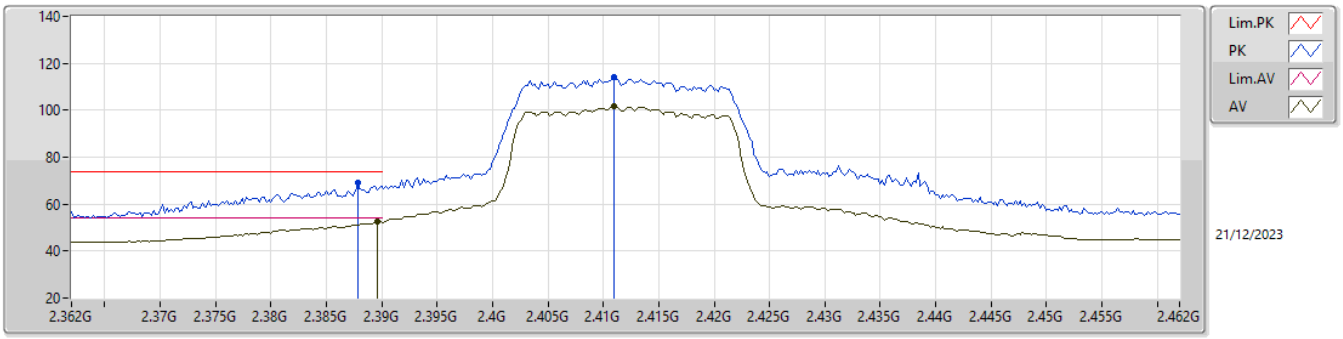


EUT X_2TX
Setting 70
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.93236G	44.79	74.00	-29.21	37.00	3	Horizontal	22	2.67	-	33.26	5.13	30.60
AV	4.93308G	31.83	54.00	-22.17	24.03	3	Horizontal	22	2.67	-	33.27	5.13	30.60
PK	7.39296G	49.60	74.00	-24.40	38.50	3	Horizontal	290	1.17	-	36.70	6.56	32.16
AV	7.38796G	36.48	54.00	-17.52	25.39	3	Horizontal	290	1.17	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

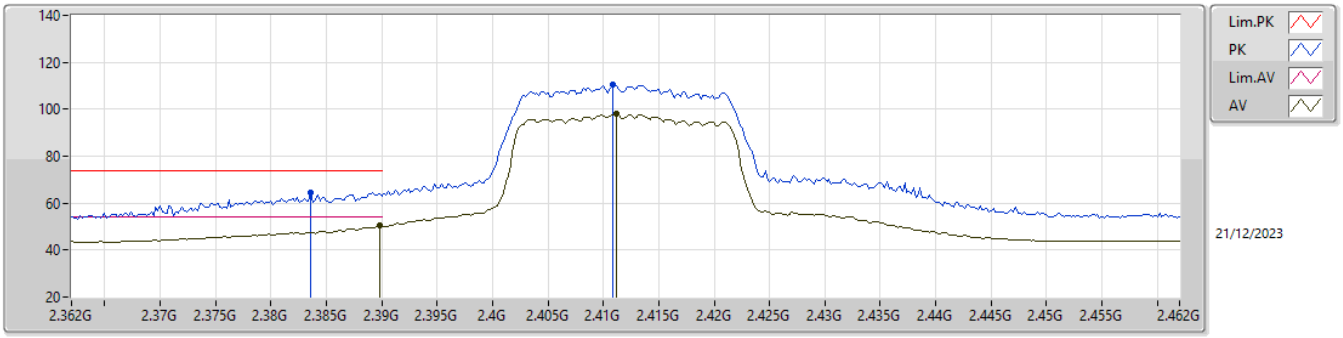


EUT Z_2TX
Setting 68
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	69.00	74.00	-5.00	37.55	3	Vertical	268	2.12	-	28.40	3.05	-
AV	2.3896G	52.44	54.00	-1.56	20.99	3	Vertical	268	2.12	-	28.40	3.05	-
PK	2.411G	113.88	Inf	-Inf	82.42	3	Vertical	268	2.12	-	28.40	3.06	-
AV	2.411G	101.69	Inf	-Inf	70.23	3	Vertical	268	2.12	-	28.40	3.06	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

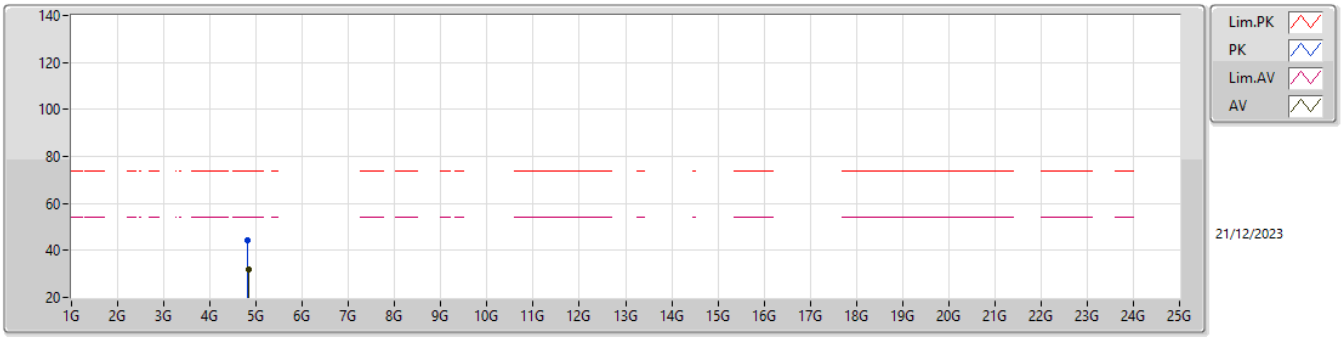


EUT Z_2TX
Setting 68
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3836G	64.74	74.00	-9.26	33.29	3	Horizontal	116	2.68	-	28.40	3.05	-
AV	2.3898G	50.27	54.00	-3.73	18.82	3	Horizontal	116	2.68	-	28.40	3.05	-
PK	2.4108G	110.56	Inf	-Inf	79.10	3	Horizontal	116	2.68	-	28.40	3.06	-
AV	2.4112G	97.89	Inf	-Inf	66.43	3	Horizontal	116	2.68	-	28.40	3.06	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

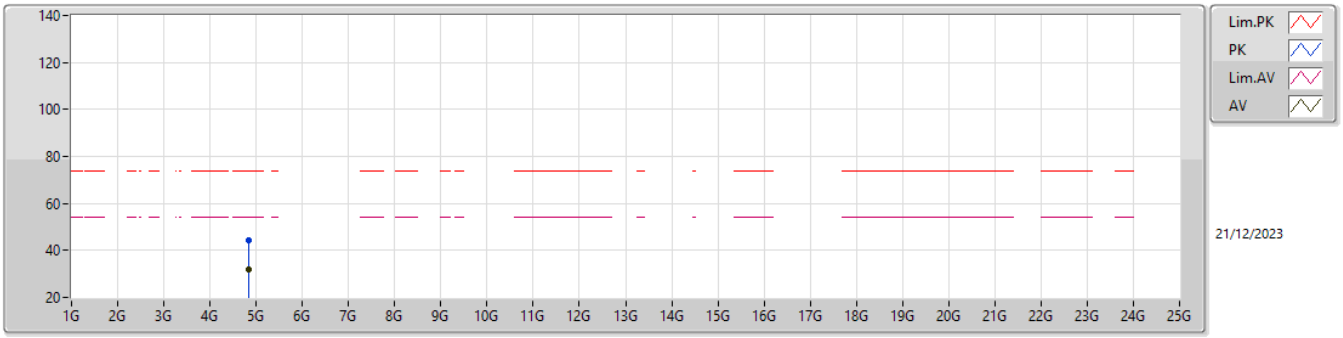


EUT X_2TX
Setting 68
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82112G	44.41	74.00	-29.59	37.06	3	Vertical	252	2.60	-	32.93	5.10	30.68
AV	4.83264G	31.92	54.00	-22.08	24.49	3	Vertical	252	2.60	-	33.00	5.10	30.67

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

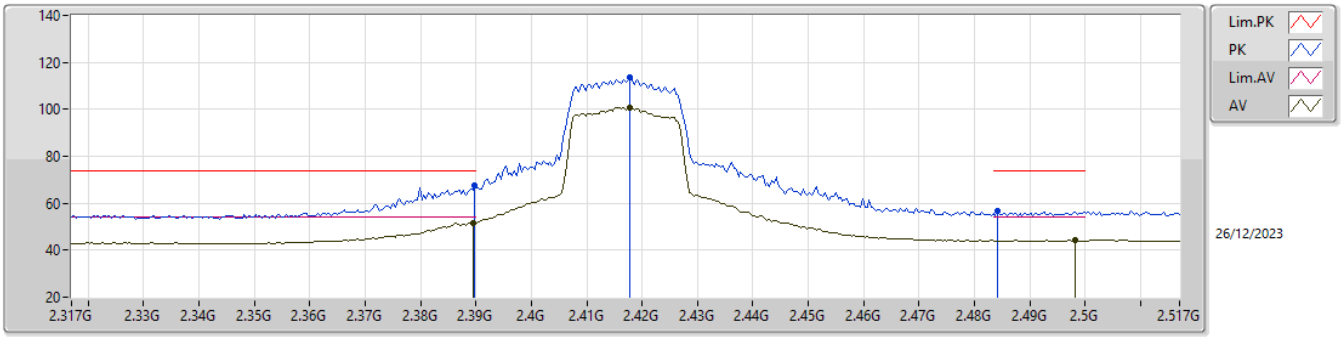


EUT X_2TX
Setting 68
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82576G	44.09	74.00	-29.91	36.71	3	Horizontal	150	2.78	-	32.95	5.10	30.67
AV	4.82608G	31.77	54.00	-22.23	24.38	3	Horizontal	150	2.78	-	32.96	5.10	30.67

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

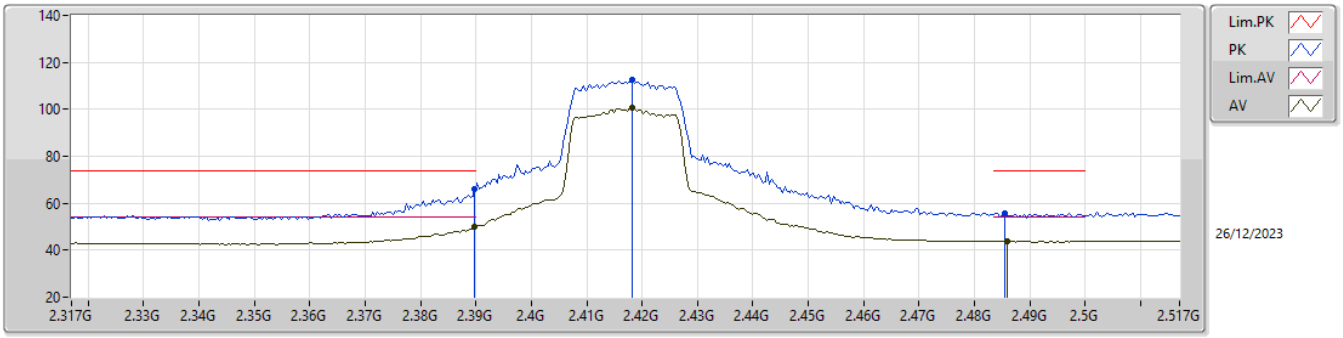


EUT Z_2TX
Setting 70
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	67.35	74.00	-6.65	35.90	3	Vertical	282	1.72	-	28.40	3.05	-
AV	2.3894G	51.75	54.00	-2.25	20.30	3	Vertical	282	1.72	-	28.40	3.05	-
PK	2.4178G	113.46	Inf	-Inf	81.99	3	Vertical	282	1.72	-	28.40	3.07	-
AV	2.4178G	100.90	Inf	-Inf	69.43	3	Vertical	282	1.72	-	28.40	3.07	-
PK	2.4842G	56.58	74.00	-17.42	24.99	3	Vertical	282	1.72	-	28.50	3.09	-
AV	2.4982G	44.19	54.00	-9.81	12.51	3	Vertical	282	1.72	-	28.58	3.10	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

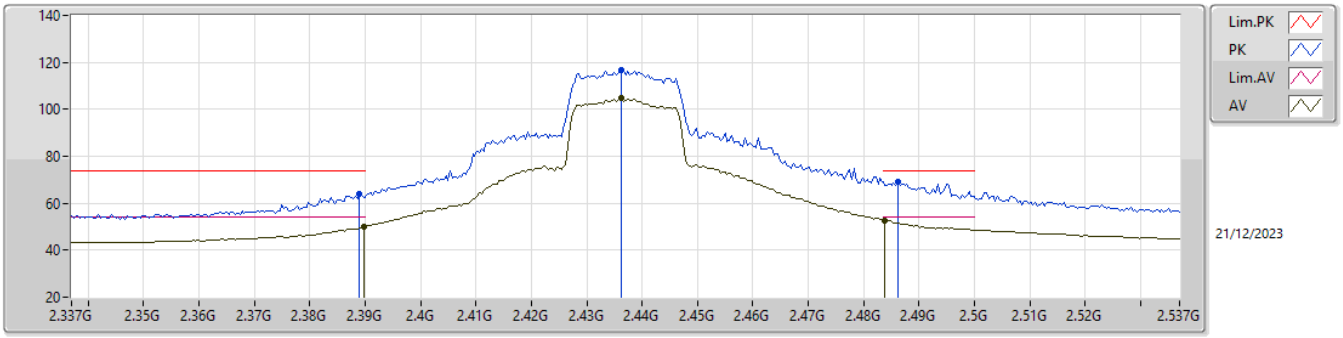


EUT Z_2TX
Setting 70
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	65.88	74.00	-8.12	34.43	3	Horizontal	332	2.86	-	28.40	3.05	-
AV	2.3898G	49.81	54.00	-4.19	18.36	3	Horizontal	332	2.86	-	28.40	3.05	-
PK	2.4182G	112.57	Inf	-Inf	81.10	3	Horizontal	332	2.86	-	28.40	3.07	-
AV	2.4182G	100.62	Inf	-Inf	69.15	3	Horizontal	332	2.86	-	28.40	3.07	-
PK	2.4854G	55.77	74.00	-18.23	24.18	3	Horizontal	332	2.86	-	28.50	3.09	-
AV	2.4858G	43.79	54.00	-10.21	12.20	3	Horizontal	332	2.86	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

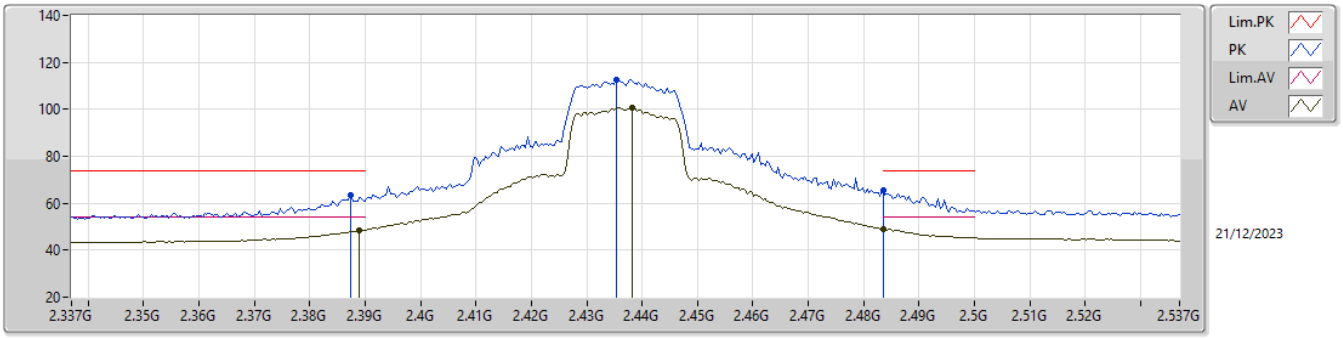


EUT Z_2TX
Setting 76
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	64.07	74.00	-9.93	32.62	3	Vertical	270	2.38	-	28.40	3.05	-
AV	2.3898G	49.76	54.00	-4.24	18.31	3	Vertical	270	2.38	-	28.40	3.05	-
PK	2.4362G	116.78	Inf	-Inf	85.27	3	Vertical	270	2.38	-	28.44	3.07	-
AV	2.4362G	104.69	Inf	-Inf	73.18	3	Vertical	270	2.38	-	28.44	3.07	-
PK	2.4862G	69.13	74.00	-4.87	37.54	3	Vertical	270	2.38	-	28.50	3.09	-
AV	2.4838G	52.63	54.00	-1.37	21.04	3	Vertical	270	2.38	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

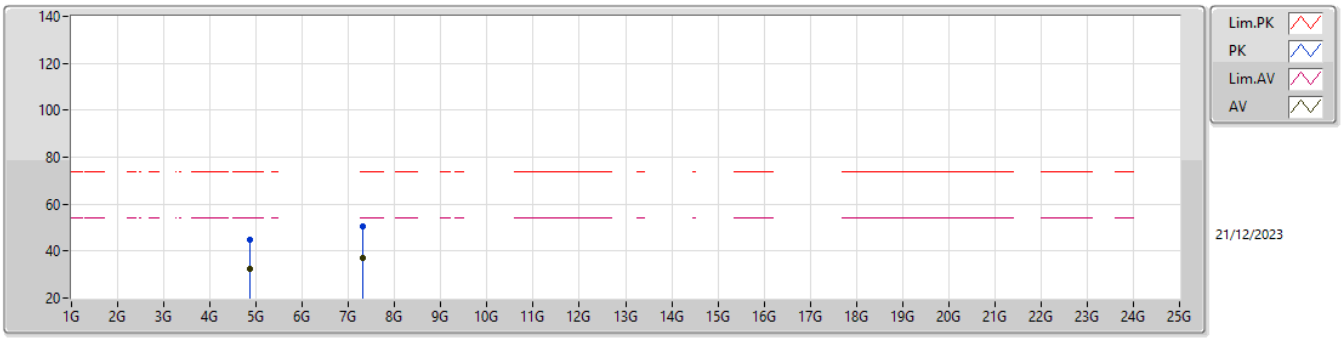


EUT Z_2TX
Setting 76
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	63.54	74.00	-10.46	32.09	3	Horizontal	116	1.00	-	28.40	3.05	-
AV	2.389G	48.53	54.00	-5.47	17.08	3	Horizontal	116	1.00	-	28.40	3.05	-
PK	2.4354G	112.59	Inf	-Inf	81.07	3	Horizontal	116	1.00	-	28.45	3.07	-
AV	2.4382G	100.80	Inf	-Inf	69.30	3	Horizontal	116	1.00	-	28.42	3.08	-
PK	2.4835G	65.51	74.00	-8.49	33.92	3	Horizontal	116	1.00	-	28.50	3.09	-
AV	2.4835G	48.94	54.00	-5.06	17.35	3	Horizontal	116	1.00	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

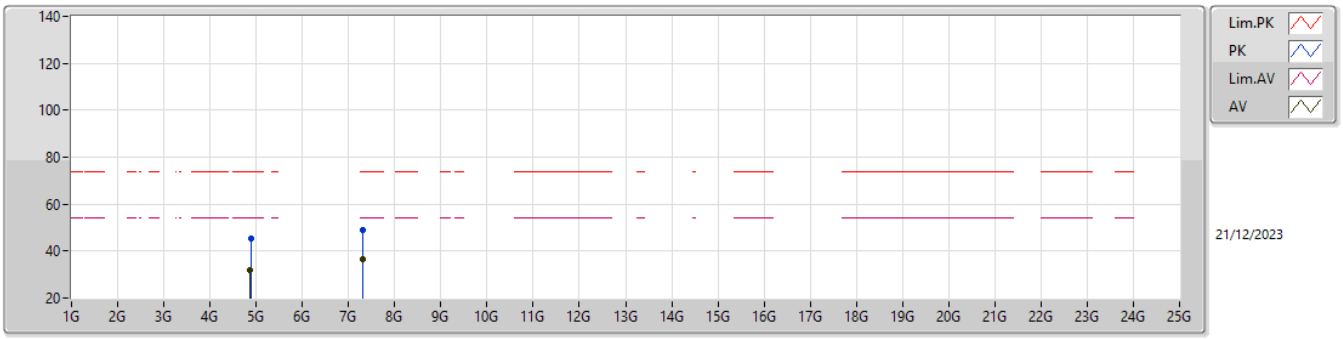


EUT X_2TX
Setting 76
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86956G	44.83	74.00	-29.17	37.23	3	Vertical	191	1.65	-	33.14	5.11	30.65
AV	4.8754G	32.17	54.00	-21.83	24.55	3	Vertical	191	1.65	-	33.15	5.11	30.64
PK	7.30904G	50.50	74.00	-23.50	39.48	3	Vertical	254	1.95	-	36.62	6.51	32.11
AV	7.3174G	36.83	54.00	-17.17	25.81	3	Vertical	254	1.95	-	36.63	6.51	32.12

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

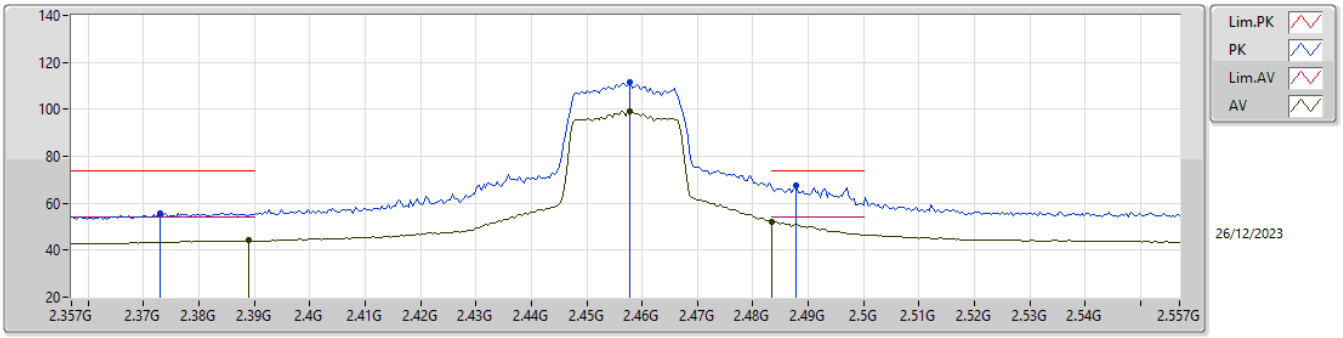


EUT X_2TX
Setting 76
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8818G	45.46	74.00	-28.54	37.83	3	Horizontal	140	2.68	-	33.16	5.11	30.64
AV	4.87388G	32.13	54.00	-21.87	24.51	3	Horizontal	140	2.68	-	33.15	5.11	30.64
PK	7.32088G	49.14	74.00	-24.86	38.10	3	Horizontal	23	2.62	-	36.64	6.52	32.12
AV	7.32072G	36.47	54.00	-17.53	25.43	3	Horizontal	23	2.62	-	36.64	6.52	32.12

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

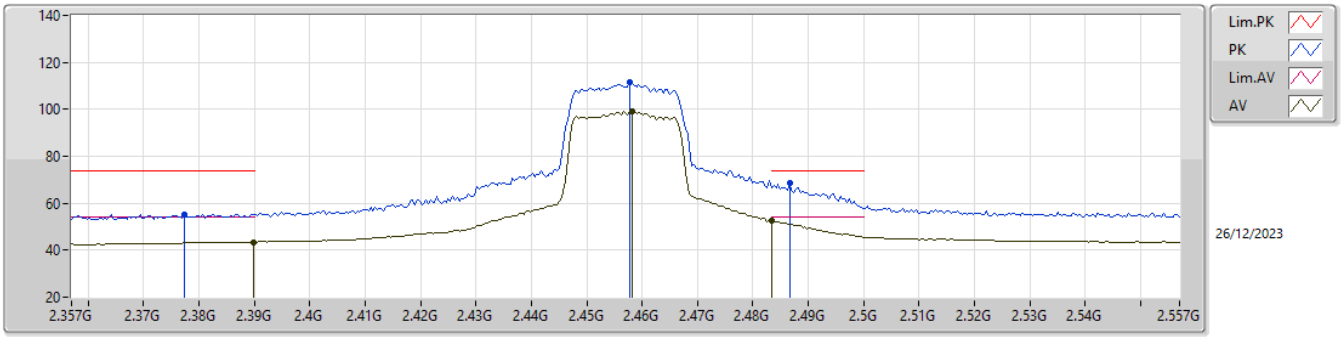


EUT Z_2TX
Setting 71
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.373G	55.90	74.00	-18.10	24.52	3	Vertical	280	1.77	-	28.33	3.05	-
AV	2.389G	44.07	54.00	-9.93	12.62	3	Vertical	280	1.77	-	28.40	3.05	-
PK	2.4578G	111.61	Inf	-Inf	80.05	3	Vertical	280	1.77	-	28.48	3.08	-
AV	2.4578G	98.92	Inf	-Inf	67.36	3	Vertical	280	1.77	-	28.48	3.08	-
PK	2.4878G	67.56	74.00	-6.44	35.96	3	Vertical	280	1.77	-	28.50	3.10	-
AV	2.4835G	52.11	54.00	-1.89	20.52	3	Vertical	280	1.77	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

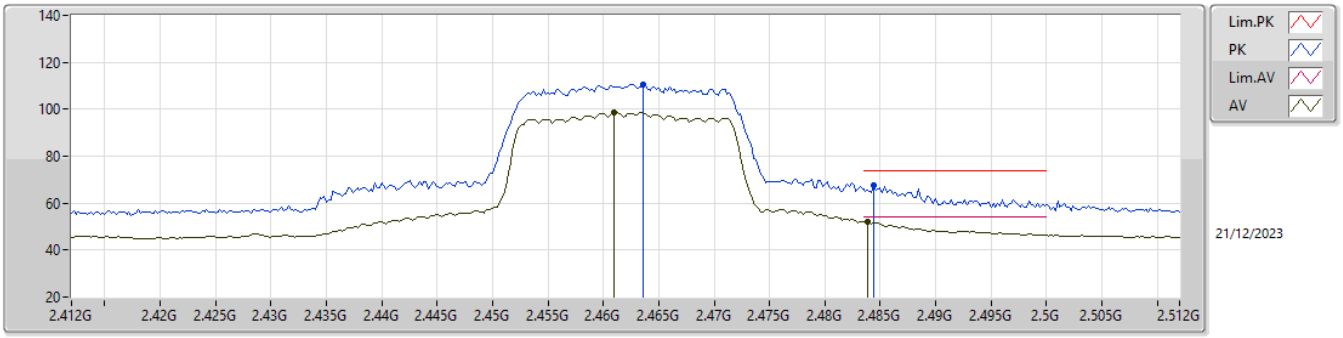


EUT Z_2TX
Setting 71
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3774G	55.41	74.00	-18.59	23.99	3	Horizontal	335	2.78	-	28.37	3.05	-
AV	2.3898G	43.44	54.00	-10.56	11.99	3	Horizontal	335	2.78	-	28.40	3.05	-
PK	2.4578G	111.80	Inf	-Inf	80.24	3	Horizontal	335	2.78	-	28.48	3.08	-
AV	2.4582G	99.24	Inf	-Inf	67.68	3	Horizontal	335	2.78	-	28.48	3.08	-
PK	2.4866G	68.42	74.00	-5.58	36.83	3	Horizontal	335	2.78	-	28.50	3.09	-
AV	2.4835G	52.66	54.00	-1.34	21.07	3	Horizontal	335	2.78	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

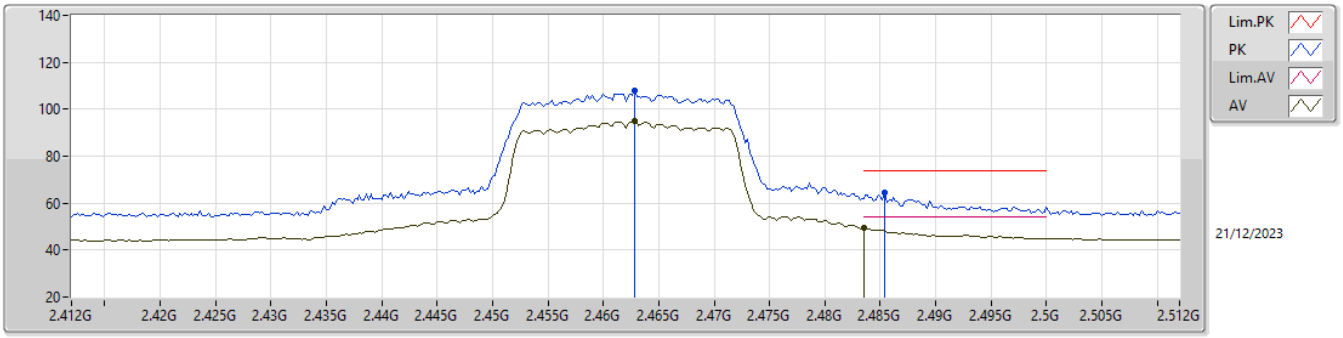


EUT Z_2TX
Setting 66
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4636G	110.71	Inf	-Inf	79.12	3	Vertical	268	1.90	-	28.50	3.09	-
AV	2.461G	98.54	Inf	-Inf	66.96	3	Vertical	268	1.90	-	28.50	3.08	-
PK	2.4844G	67.39	74.00	-6.61	35.80	3	Vertical	268	1.90	-	28.50	3.09	-
AV	2.4838G	52.25	54.00	-1.75	20.66	3	Vertical	268	1.90	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

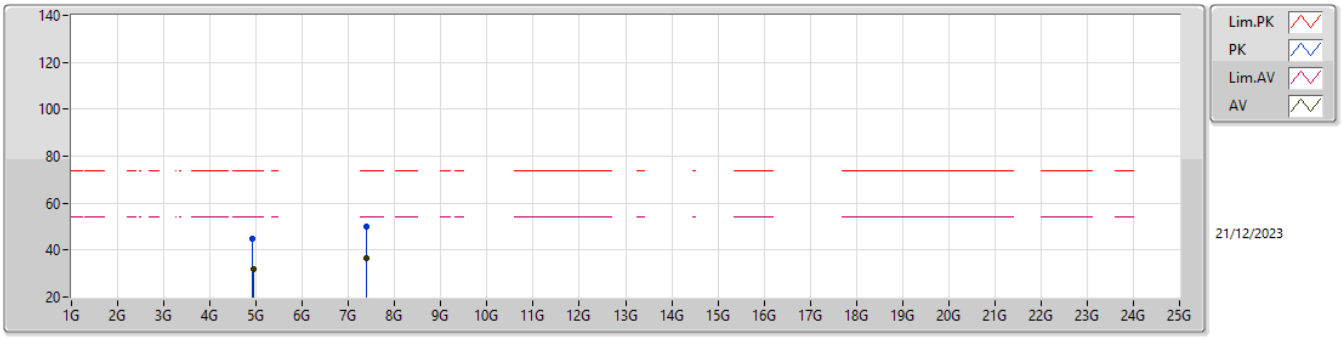


EUT Z_2TX
Setting 66
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4628G	107.83	Inf	-Inf	76.24	3	Horizontal	16	2.74	-	28.50	3.09	-
AV	2.4628G	94.82	Inf	-Inf	63.23	3	Horizontal	16	2.74	-	28.50	3.09	-
PK	2.4854G	64.26	74.00	-9.74	32.67	3	Horizontal	16	2.74	-	28.50	3.09	-
AV	2.4835G	49.36	54.00	-4.64	17.77	3	Horizontal	16	2.74	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

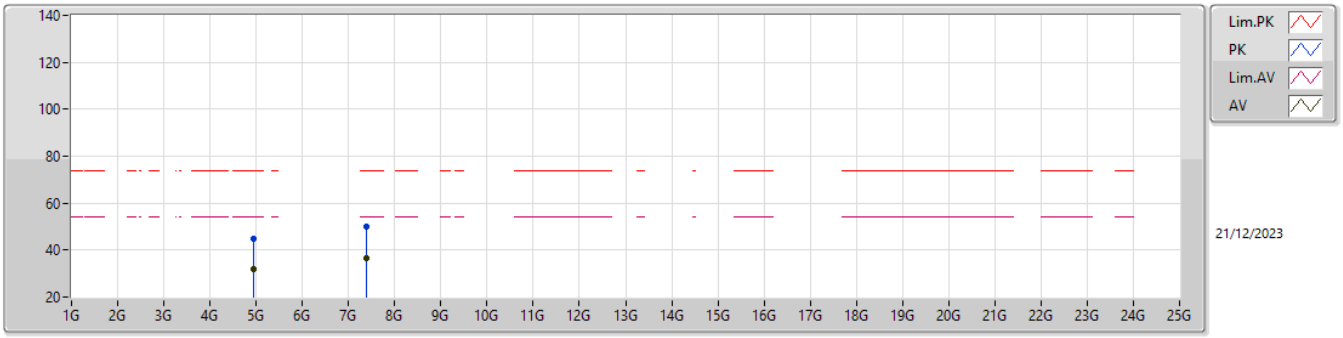


EUT X_2TX
Setting 66
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92376G	44.63	74.00	-29.37	36.86	3	Vertical	23	1.00	-	33.25	5.13	30.61
AV	4.93208G	31.89	54.00	-22.11	24.10	3	Vertical	23	1.00	-	33.26	5.13	30.60
PK	7.39264G	49.97	74.00	-24.03	38.87	3	Vertical	250	2.45	-	36.70	6.56	32.16
AV	7.39232G	36.46	54.00	-17.54	25.36	3	Vertical	250	2.45	-	36.70	6.56	32.16

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX



EUT X_2TX
Setting 66
02-E-R-7

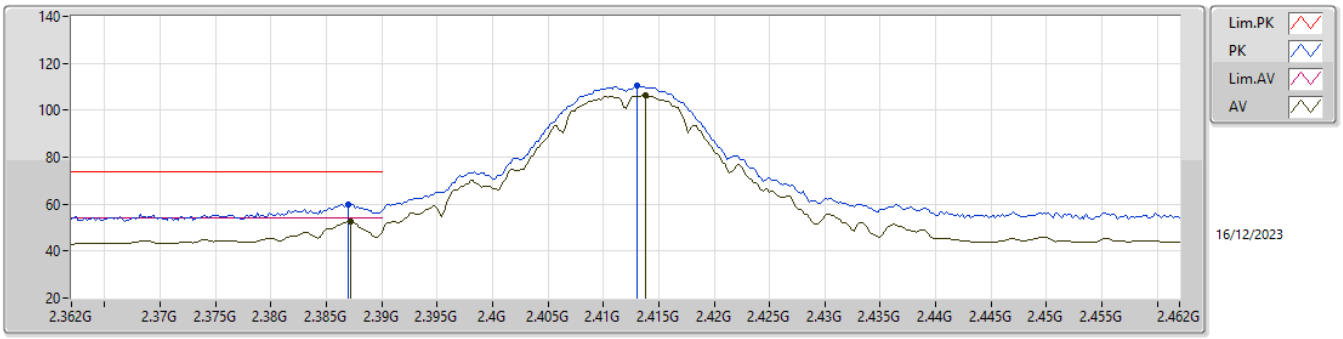
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9326G	44.78	74.00	-29.22	36.98	3	Horizontal	38	2.06	-	33.27	5.13	30.60
AV	4.9326G	32.02	54.00	-21.98	24.22	3	Horizontal	38	2.06	-	33.27	5.13	30.60
PK	7.38416G	49.83	74.00	-24.17	38.74	3	Horizontal	141	1.53	-	36.70	6.55	32.16
AV	7.38472G	36.40	54.00	-17.60	25.31	3	Horizontal	141	1.53	-	36.70	6.55	32.16

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	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	AV	2.3872G	52.90	54.00	-1.10	3	Horizontal	56	2.13	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

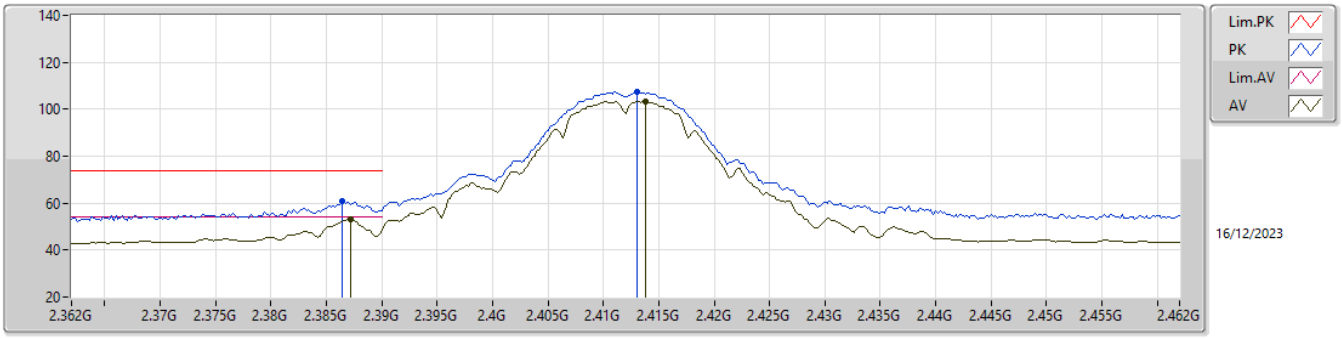


EUT Y_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3877G	59.74	74.00	-14.26	28.29	3	Vertical	292	2.35	-	28.40	3.05	-
AV	2.3872G	52.40	54.00	-1.60	20.95	3	Vertical	292	2.35	-	28.40	3.05	-
PK	2.413G	110.29	Inf	-Inf	78.82	3	Vertical	292	2.35	-	28.40	3.07	-
AV	2.4138G	106.45	Inf	-Inf	74.98	3	Vertical	292	2.35	-	28.40	3.07	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

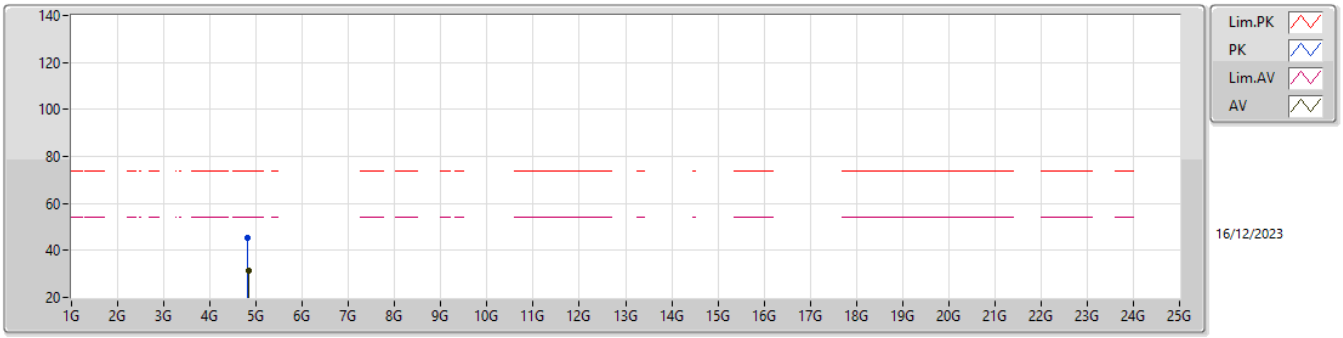


EUT Y_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	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	60.65	74.00	-13.35	29.20	3	Horizontal	56	2.13	-	28.40	3.05	-
AV	2.3872G	52.90	54.00	-1.10	21.45	3	Horizontal	56	2.13	-	28.40	3.05	-
PK	2.413G	107.34	Inf	-Inf	75.87	3	Horizontal	56	2.13	-	28.40	3.07	-
AV	2.4138G	103.44	Inf	-Inf	71.97	3	Horizontal	56	2.13	-	28.40	3.07	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

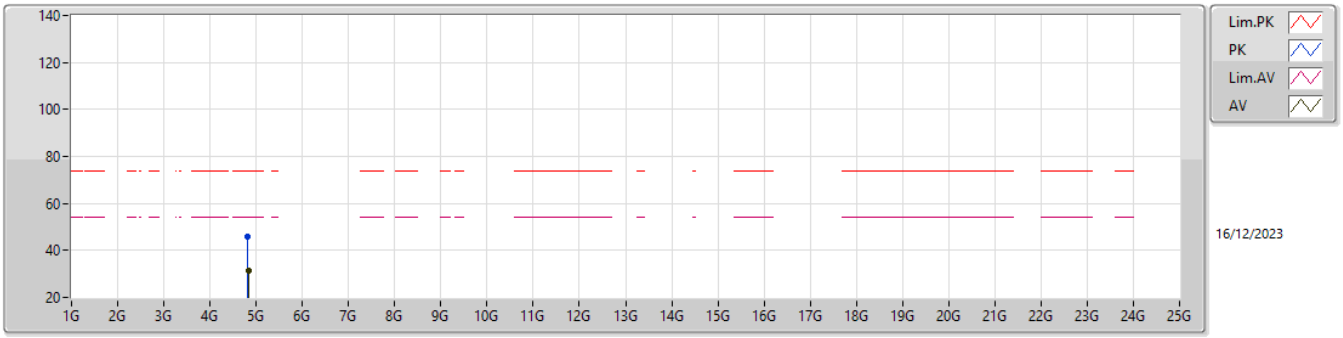


EUT X_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8216G	45.46	74.00	-28.54	38.11	3	Vertical	279	1.93	-	32.93	5.10	30.68
AV	4.827G	31.37	54.00	-22.63	23.98	3	Vertical	279	1.93	-	32.96	5.10	30.67

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2412MHz_TX

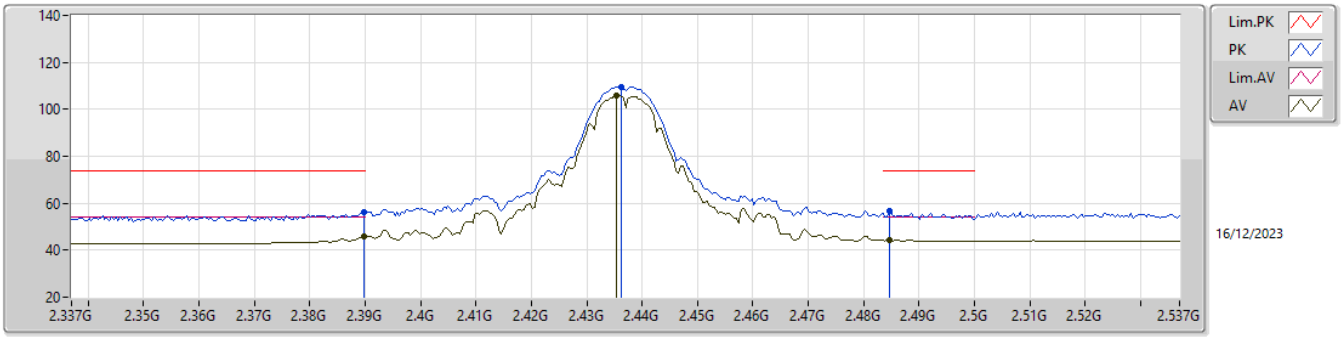


EUT X_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81914G	45.73	74.00	-28.27	38.40	3	Horizontal	46	2.75	-	32.91	5.10	30.68
AV	4.82786G	31.39	54.00	-22.61	23.99	3	Horizontal	46	2.75	-	32.97	5.10	30.67

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

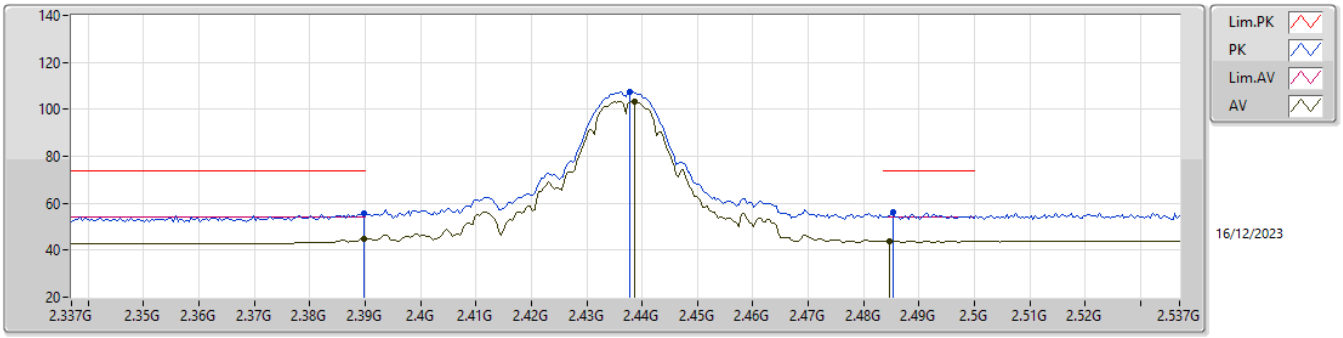


EUT Y_1TX
Setting 80
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	56.42	74.00	-17.58	24.97	3	Vertical	290	1.86	-	28.40	3.05	-
AV	2.3898G	45.84	54.00	-8.16	14.39	3	Vertical	290	1.86	-	28.40	3.05	-
PK	2.4362G	109.60	Inf	-Inf	78.09	3	Vertical	290	1.86	-	28.44	3.07	-
AV	2.4354G	105.81	Inf	-Inf	74.29	3	Vertical	290	1.86	-	28.45	3.07	-
PK	2.4846G	56.47	74.00	-17.53	24.88	3	Vertical	290	1.86	-	28.50	3.09	-
AV	2.4846G	44.32	54.00	-9.68	12.73	3	Vertical	290	1.86	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

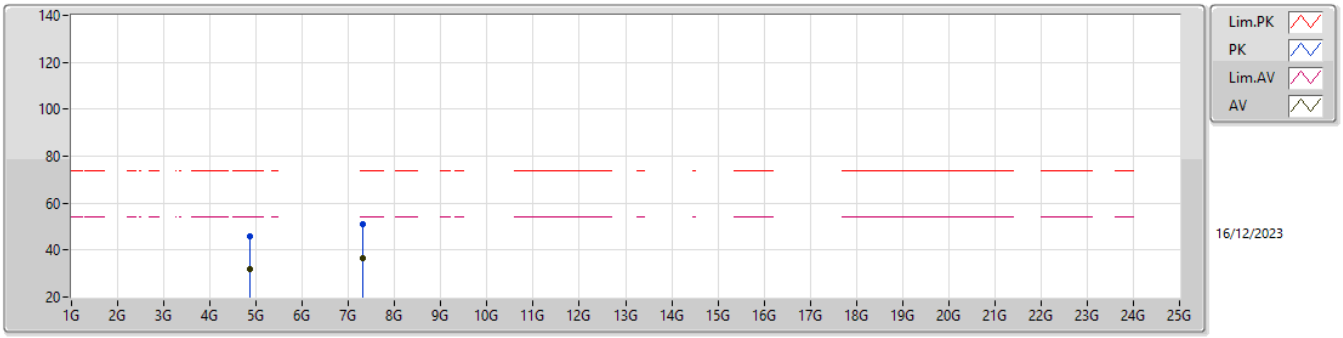


EUT Y_1TX
Setting 80
02-E-B-5
FSP

Type	Freq	Level	Limit	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	55.52	74.00	-18.48	24.07	3	Horizontal	56	2.10	-	28.40	3.05	-
AV	2.3898G	44.85	54.00	-9.15	13.40	3	Horizontal	56	2.10	-	28.40	3.05	-
PK	2.4378G	107.27	Inf	-Inf	75.77	3	Horizontal	56	2.10	-	28.42	3.08	-
AV	2.4386G	103.36	Inf	-Inf	71.87	3	Horizontal	56	2.10	-	28.41	3.08	-
PK	2.4854G	56.27	74.00	-17.73	24.68	3	Horizontal	56	2.10	-	28.50	3.09	-
AV	2.4846G	43.79	54.00	-10.21	12.20	3	Horizontal	56	2.10	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

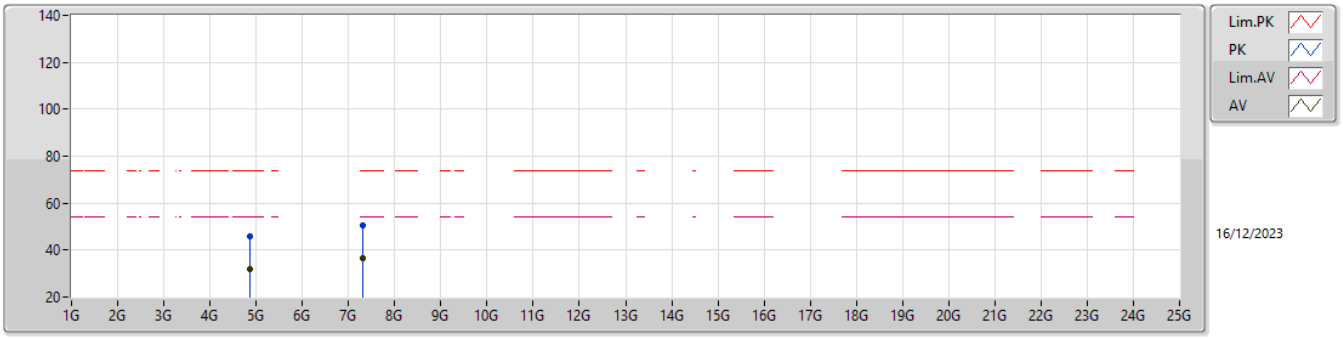


EUT X_1TX
Setting 80
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8718G	45.69	74.00	-28.31	38.08	3	Vertical	119	2.96	-	33.14	5.11	30.64
AV	4.87516G	31.92	54.00	-22.08	24.30	3	Vertical	119	2.96	-	33.15	5.11	30.64
PK	7.31408G	50.95	74.00	-23.05	39.93	3	Vertical	290	2.98	-	36.63	6.51	32.12
AV	7.3142G	36.31	54.00	-17.69	25.29	3	Vertical	290	2.98	-	36.63	6.51	32.12

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2437MHz_TX

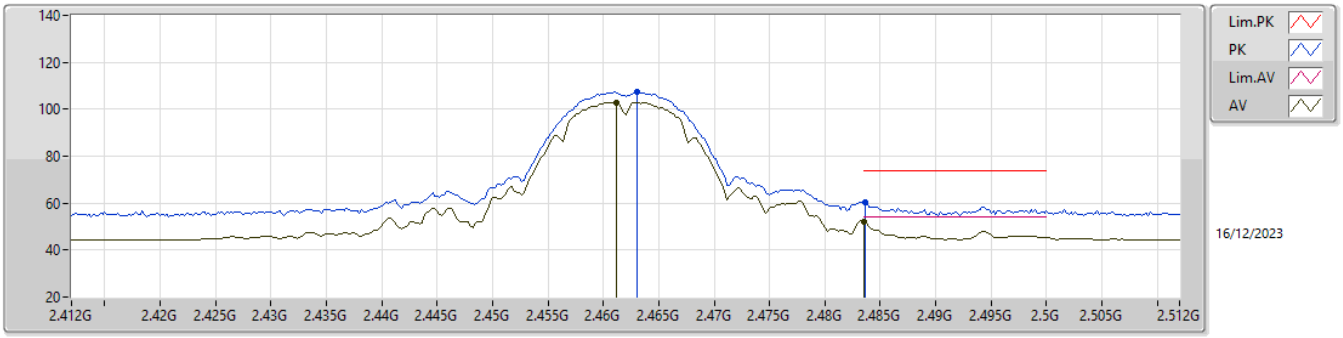


EUT X_1TX
Setting 80
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8726G	46.01	74.00	-27.99	38.39	3	Horizontal	189	1.06	-	33.15	5.11	30.64
AV	4.87244G	31.91	54.00	-22.09	24.30	3	Horizontal	189	1.06	-	33.14	5.11	30.64
PK	7.30684G	50.39	74.00	-23.61	39.38	3	Horizontal	336	1.42	-	36.61	6.51	32.11
AV	7.31478G	36.31	54.00	-17.69	25.29	3	Horizontal	336	1.42	-	36.63	6.51	32.12

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

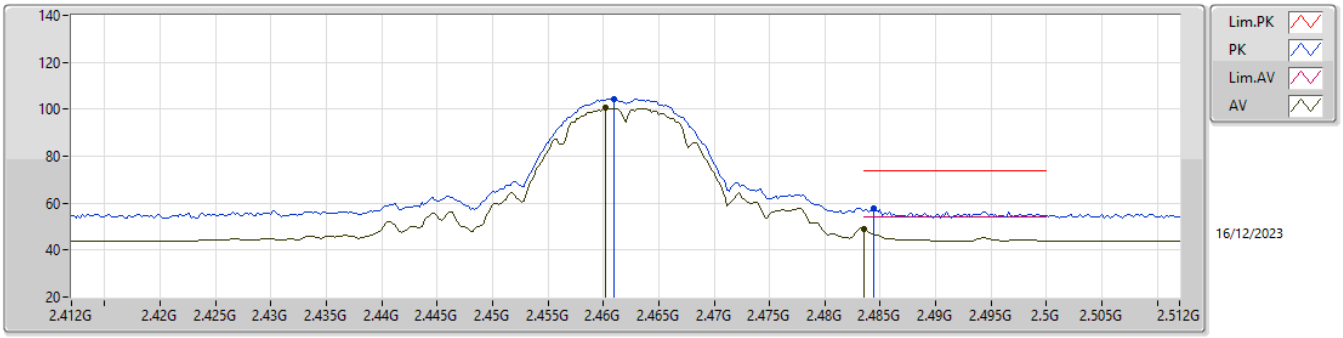


EUT Y_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	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	107.34	Inf	-Inf	75.75	3	Vertical	279	2.33	-	28.50	3.09	-
AV	2.4612G	102.82	Inf	-Inf	71.24	3	Vertical	279	2.33	-	28.50	3.08	-
PK	2.4836G	60.40	74.00	-13.60	28.81	3	Vertical	279	2.33	-	28.50	3.09	-
AV	2.4835G	52.30	54.00	-1.70	20.71	3	Vertical	279	2.33	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

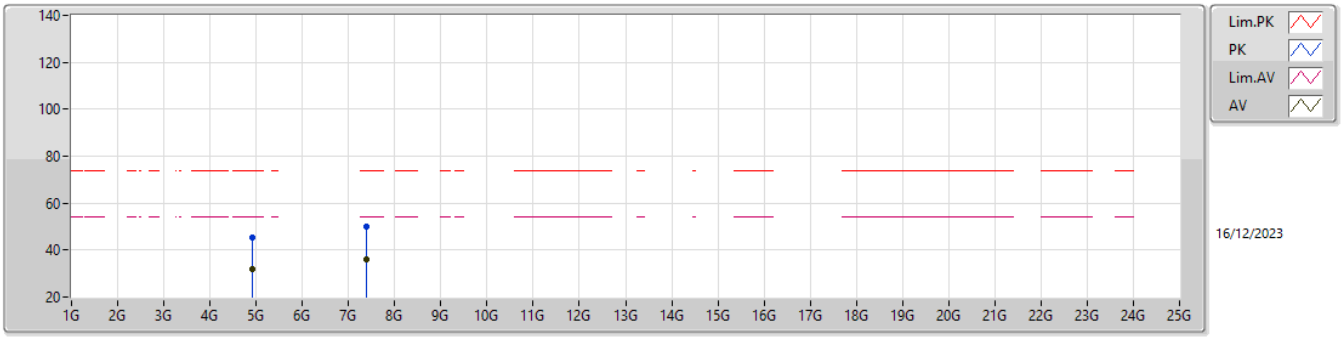


EUT Y_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	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	104.48	Inf	-Inf	72.90	3	Horizontal	48	2.07	-	28.50	3.08	-
AV	2.4602G	100.51	Inf	-Inf	68.93	3	Horizontal	48	2.07	-	28.50	3.08	-
PK	2.4844G	57.79	74.00	-16.21	26.20	3	Horizontal	48	2.07	-	28.50	3.09	-
AV	2.4835G	49.20	54.00	-4.80	17.61	3	Horizontal	48	2.07	-	28.50	3.09	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

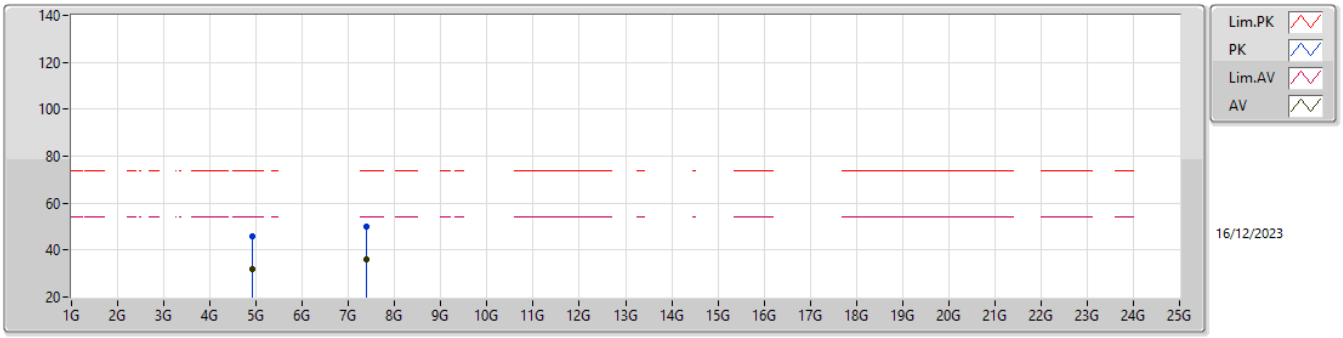


EUT X_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92662G	45.29	74.00	-28.71	37.52	3	Vertical	211	1.56	-	33.25	5.13	30.61
AV	4.92396G	31.82	54.00	-22.18	24.05	3	Vertical	211	1.56	-	33.25	5.13	30.61
PK	7.38784G	50.17	74.00	-23.83	39.08	3	Vertical	186	1.10	-	36.70	6.55	32.16
AV	7.39076G	36.17	54.00	-17.83	25.08	3	Vertical	186	1.10	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX

2462MHz_TX

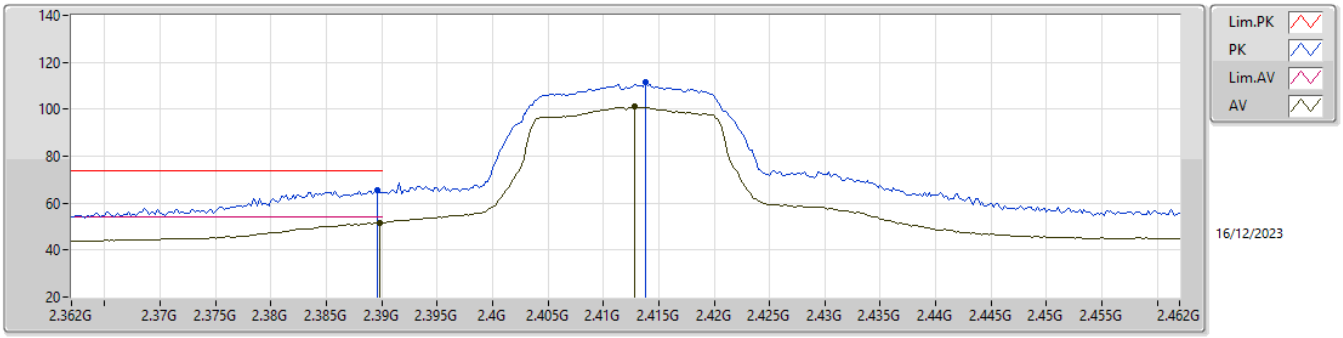


EUT X_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92684G	45.64	74.00	-28.36	37.87	3	Horizontal	211	1.94	-	33.25	5.13	30.61
AV	4.9239G	31.80	54.00	-22.20	24.03	3	Horizontal	211	1.94	-	33.25	5.13	30.61
PK	7.38594G	49.85	74.00	-24.15	38.76	3	Horizontal	337	1.56	-	36.70	6.55	32.16
AV	7.39066G	36.17	54.00	-17.83	25.08	3	Horizontal	337	1.56	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

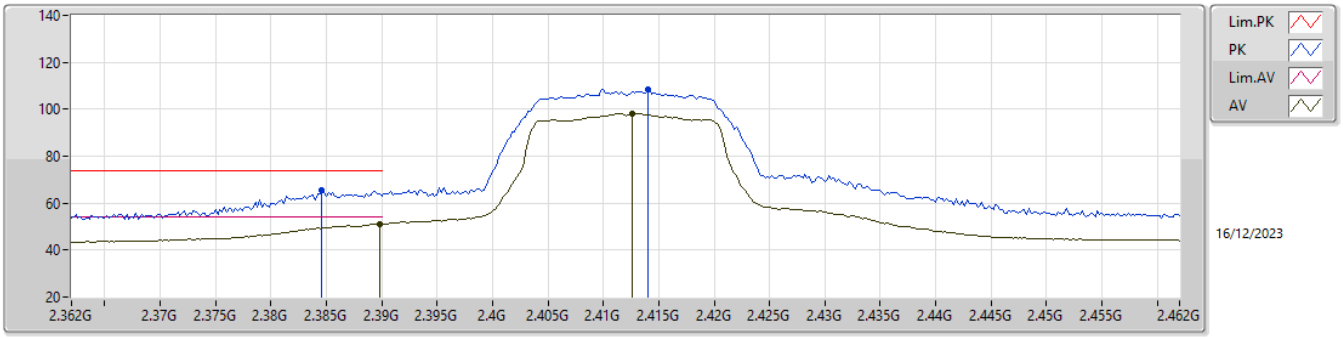


EUT Y_1TX
Setting 70
02-E-B-5
FSP

Type	Freq	Level	Limit	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	65.60	74.00	-8.40	34.15	3	Vertical	294	2.36	-	28.40	3.05	-
AV	2.3898G	51.74	54.00	-2.26	20.29	3	Vertical	294	2.36	-	28.40	3.05	-
PK	2.4138G	111.39	Inf	-Inf	79.92	3	Vertical	294	2.36	-	28.40	3.07	-
AV	2.4128G	101.09	Inf	-Inf	69.62	3	Vertical	294	2.36	-	28.40	3.07	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

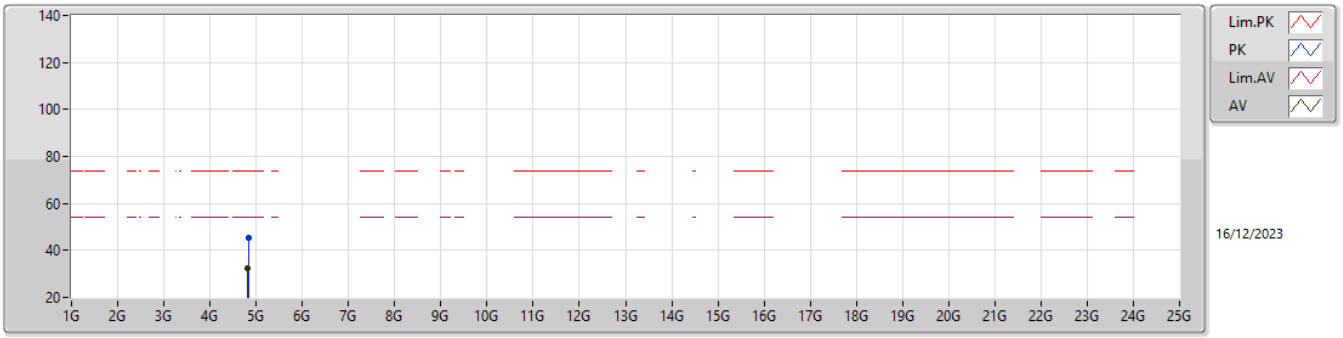


EUT Y_1TX
Setting 70
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3846G	65.28	74.00	-8.72	33.83	3	Horizontal	57	2.11	-	28.40	3.05	-
AV	2.3898G	51.11	54.00	-2.89	19.66	3	Horizontal	57	2.11	-	28.40	3.05	-
PK	2.414G	108.57	Inf	-Inf	77.10	3	Horizontal	57	2.11	-	28.40	3.07	-
AV	2.4126G	98.03	Inf	-Inf	66.56	3	Horizontal	57	2.11	-	28.40	3.07	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

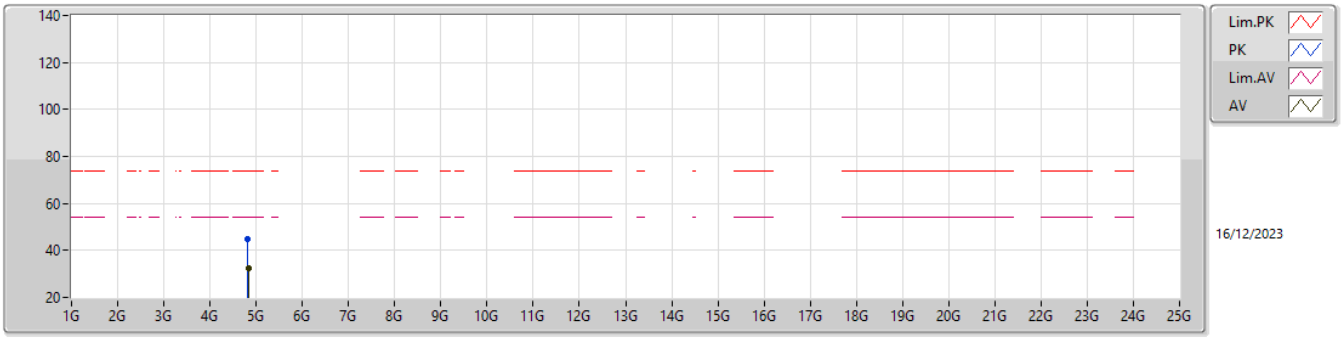


EUT X_1TX
Setting 70
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82556G	45.11	74.00	-28.89	37.74	3	Vertical	176	1.08	-	32.95	5.10	30.68
AV	4.82284G	32.36	54.00	-21.64	25.00	3	Vertical	176	1.08	-	32.94	5.10	30.68

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2412MHz_TX

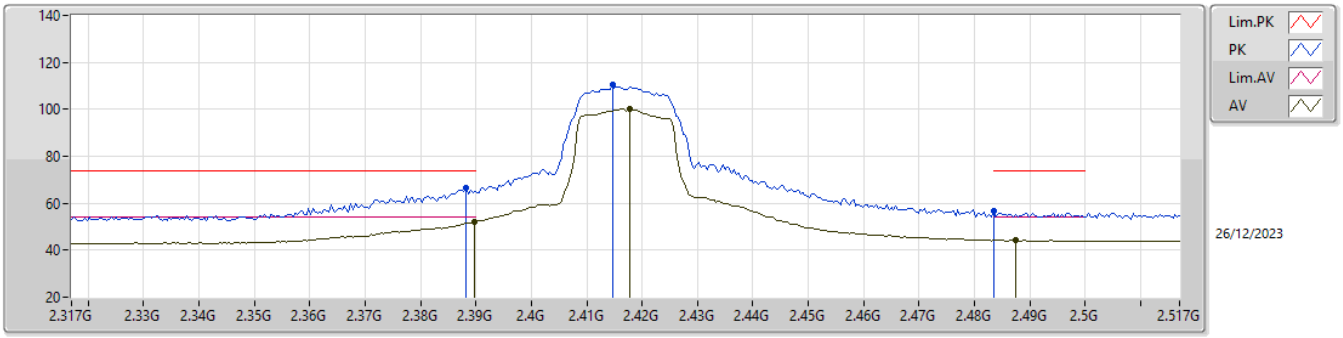


EUT X_1TX
Setting 70
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81964G	45.06	74.00	-28.94	37.72	3	Horizontal	86	2.45	-	32.92	5.10	30.68
AV	4.82784G	32.26	54.00	-21.74	24.86	3	Horizontal	86	2.45	-	32.97	5.10	30.67

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

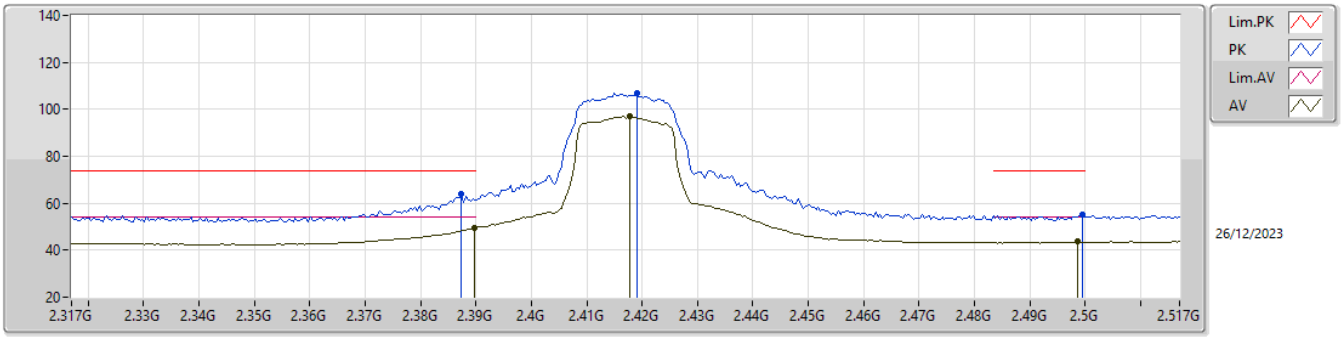


EUT Y_1TX
Setting 73
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	66.59	74.00	-7.41	35.14	3	Vertical	270	1.91	-	28.40	3.05	-
AV	2.3898G	52.32	54.00	-1.68	20.87	3	Vertical	270	1.91	-	28.40	3.05	-
PK	2.4146G	110.62	Inf	-Inf	79.15	3	Vertical	270	1.91	-	28.40	3.07	-
AV	2.4178G	100.16	Inf	-Inf	68.69	3	Vertical	270	1.91	-	28.40	3.07	-
PK	2.4835G	56.51	74.00	-17.49	24.92	3	Vertical	270	1.91	-	28.50	3.09	-
AV	2.4874G	44.25	54.00	-9.75	12.66	3	Vertical	270	1.91	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2417MHz_TX

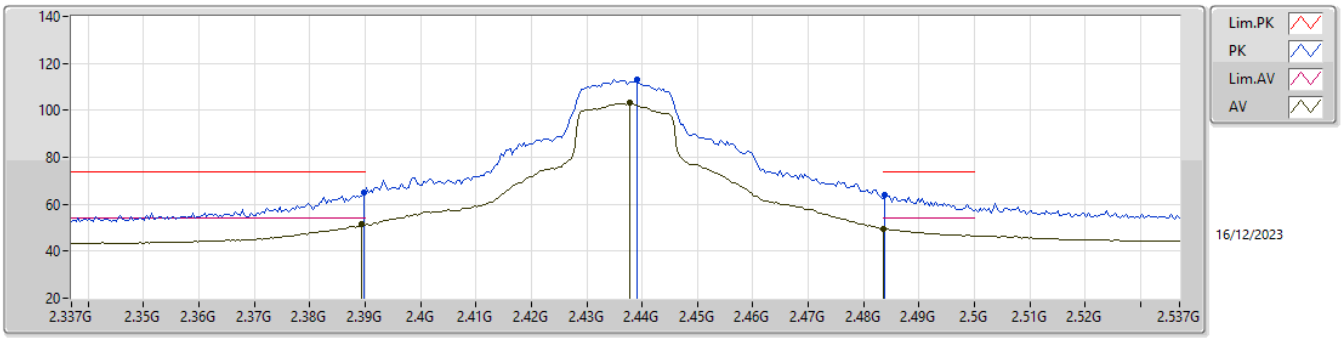


EUT Y_1TX
Setting 73
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	64.06	74.00	-9.94	32.61	3	Horizontal	24	2.66	-	28.40	3.05	-
AV	2.3898G	49.43	54.00	-4.57	17.98	3	Horizontal	24	2.66	-	28.40	3.05	-
PK	2.419G	107.07	Inf	-Inf	75.60	3	Horizontal	24	2.66	-	28.40	3.07	-
AV	2.4178G	97.05	Inf	-Inf	65.58	3	Horizontal	24	2.66	-	28.40	3.07	-
PK	2.4994G	55.01	74.00	-18.99	23.32	3	Horizontal	24	2.66	-	28.59	3.10	-
AV	2.4986G	43.55	54.00	-10.45	11.86	3	Horizontal	24	2.66	-	28.59	3.10	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

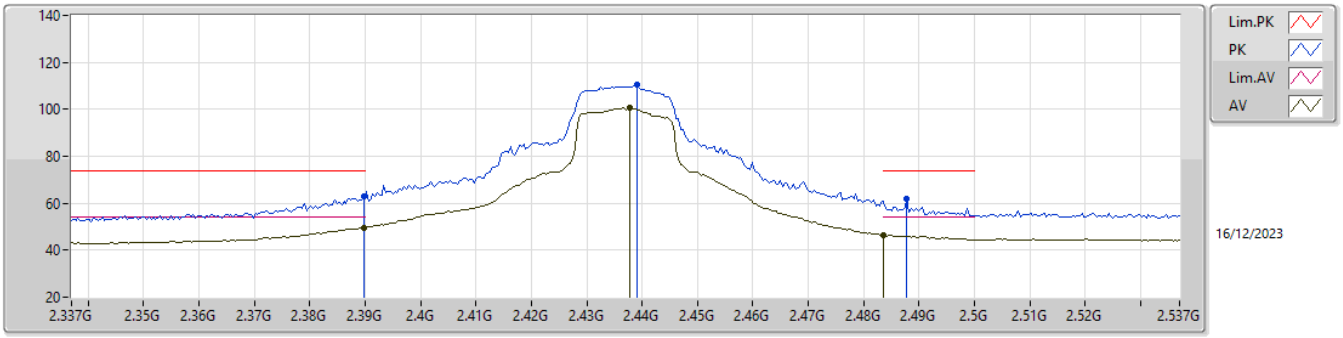


EUT Y_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	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	65.17	74.00	-8.83	33.72	3	Vertical	290	1.86	-	28.40	3.05	-
AV	2.3894G	51.33	54.00	-2.67	19.88	3	Vertical	290	1.86	-	28.40	3.05	-
PK	2.439G	113.13	Inf	-Inf	81.64	3	Vertical	290	1.86	-	28.41	3.08	-
AV	2.4378G	103.06	Inf	-Inf	71.56	3	Vertical	290	1.86	-	28.42	3.08	-
PK	2.4838G	64.11	74.00	-9.89	32.52	3	Vertical	290	1.86	-	28.50	3.09	-
AV	2.4835G	49.71	54.00	-4.29	18.12	3	Vertical	290	1.86	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

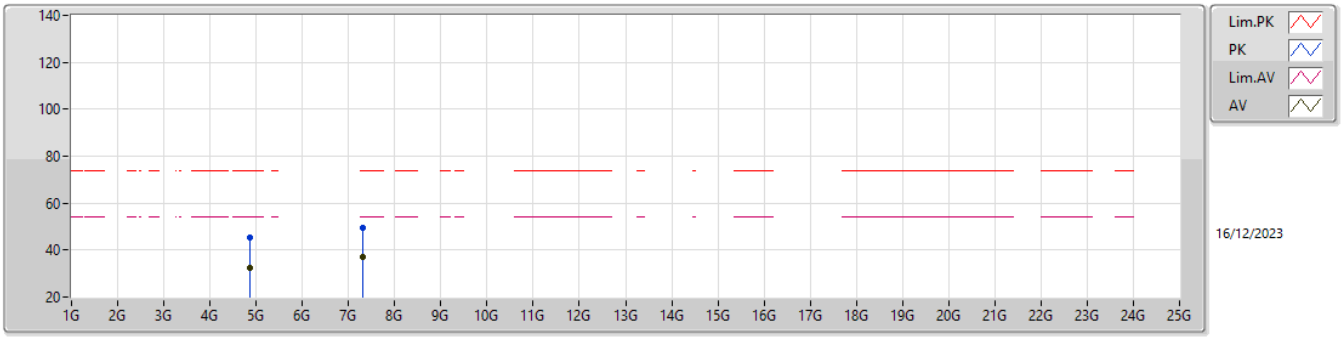


EUT Y_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	62.86	74.00	-11.14	31.41	3	Horizontal	59	2.12	-	28.40	3.05	-
AV	2.3898G	49.71	54.00	-4.29	18.26	3	Horizontal	59	2.12	-	28.40	3.05	-
PK	2.439G	110.59	Inf	-Inf	79.10	3	Horizontal	59	2.12	-	28.41	3.08	-
AV	2.4378G	100.58	Inf	-Inf	69.08	3	Horizontal	59	2.12	-	28.42	3.08	-
PK	2.4878G	62.10	74.00	-11.90	30.50	3	Horizontal	59	2.12	-	28.50	3.10	-
AV	2.4835G	46.46	54.00	-7.54	14.87	3	Horizontal	59	2.12	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

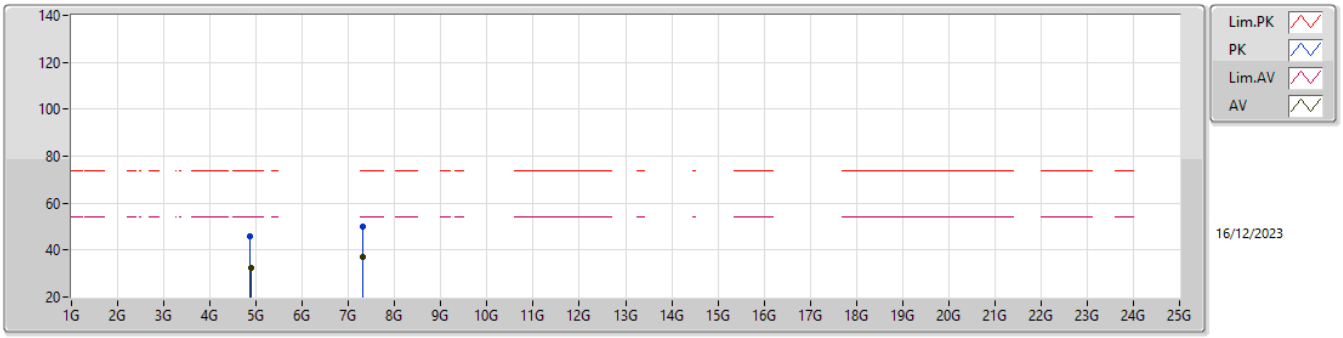


EUT X_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87174G	45.41	74.00	-28.59	37.80	3	Vertical	309	1.50	-	33.14	5.11	30.64
AV	4.86982G	32.56	54.00	-21.44	24.96	3	Vertical	309	1.50	-	33.14	5.11	30.65
PK	7.31514G	49.56	74.00	-24.44	38.54	3	Vertical	343	2.14	-	36.63	6.51	32.12
AV	7.31538G	37.05	54.00	-16.95	26.03	3	Vertical	343	2.14	-	36.63	6.51	32.12

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2437MHz_TX

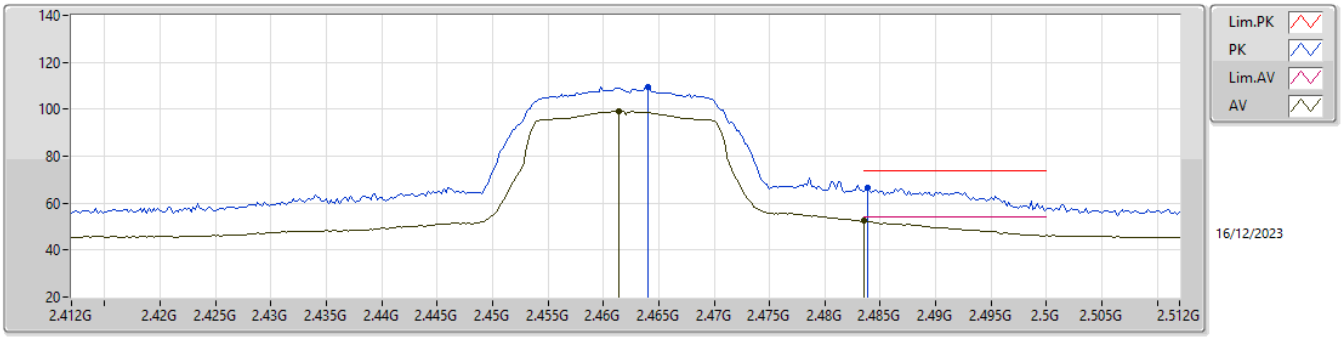


EUT X_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87208G	45.81	74.00	-28.19	38.20	3	Horizontal	146	2.87	-	33.14	5.11	30.64
AV	4.87776G	32.61	54.00	-21.39	24.98	3	Horizontal	146	2.87	-	33.16	5.11	30.64
PK	7.31174G	50.23	74.00	-23.77	39.21	3	Horizontal	181	2.66	-	36.62	6.51	32.11
AV	7.30756G	36.99	54.00	-17.01	25.97	3	Horizontal	181	2.66	-	36.62	6.51	32.11

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

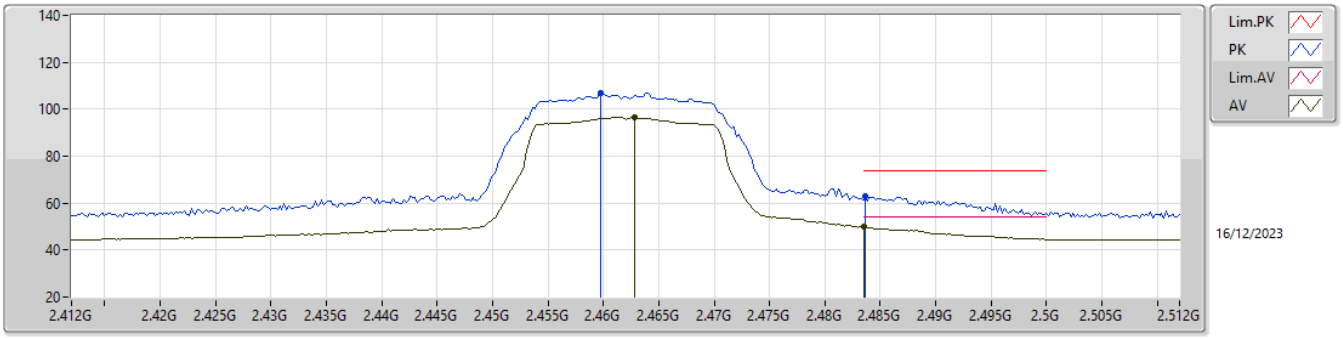


EUT Y_1TX
Setting 72
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.464G	109.38	Inf	-Inf	77.79	3	Vertical	281	2.32	-	28.50	3.09	-
AV	2.4614G	99.22	Inf	-Inf	67.64	3	Vertical	281	2.32	-	28.50	3.08	-
PK	2.4838G	66.34	74.00	-7.66	34.75	3	Vertical	281	2.32	-	28.50	3.09	-
AV	2.4835G	52.47	54.00	-1.53	20.88	3	Vertical	281	2.32	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

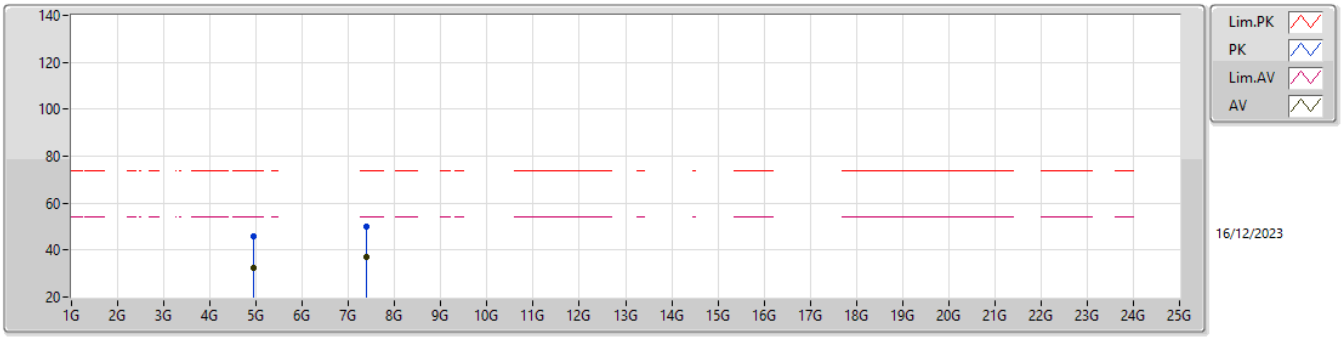


EUT Y_1TX
Setting 72
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4598G	107.14	Inf	-Inf	75.56	3	Horizontal	47	2.07	-	28.50	3.08	-
AV	2.4628G	96.63	Inf	-Inf	65.04	3	Horizontal	47	2.07	-	28.50	3.09	-
PK	2.4836G	63.02	74.00	-10.98	31.43	3	Horizontal	47	2.07	-	28.50	3.09	-
AV	2.4835G	49.90	54.00	-4.10	18.31	3	Horizontal	47	2.07	-	28.50	3.09	-

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

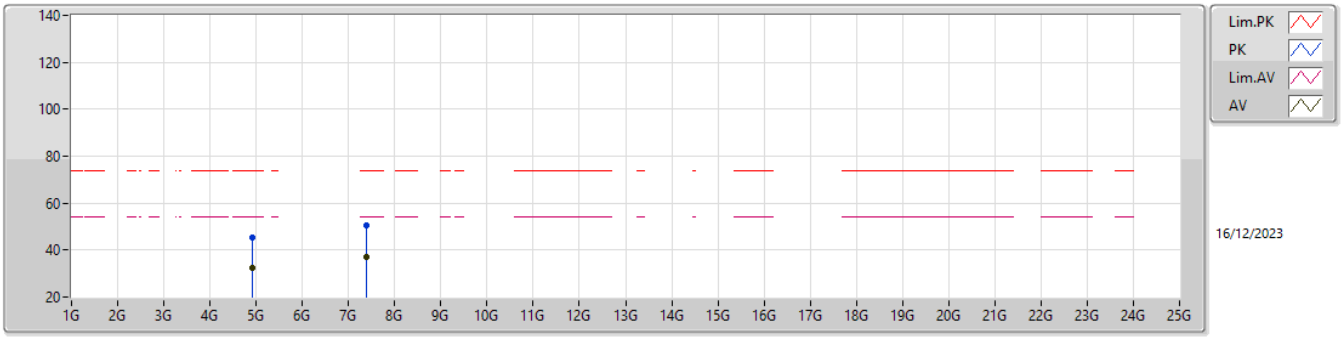


EUT X_1TX
Setting 72
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.93168G	45.70	74.00	-28.30	37.92	3	Vertical	360	1.80	-	33.26	5.13	30.61
AV	4.93088G	32.40	54.00	-21.60	24.62	3	Vertical	360	1.80	-	33.26	5.13	30.61
PK	7.3853G	50.05	74.00	-23.95	38.96	3	Vertical	85	2.64	-	36.70	6.55	32.16
AV	7.38668G	37.01	54.00	-16.99	25.92	3	Vertical	85	2.64	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX

2462MHz_TX

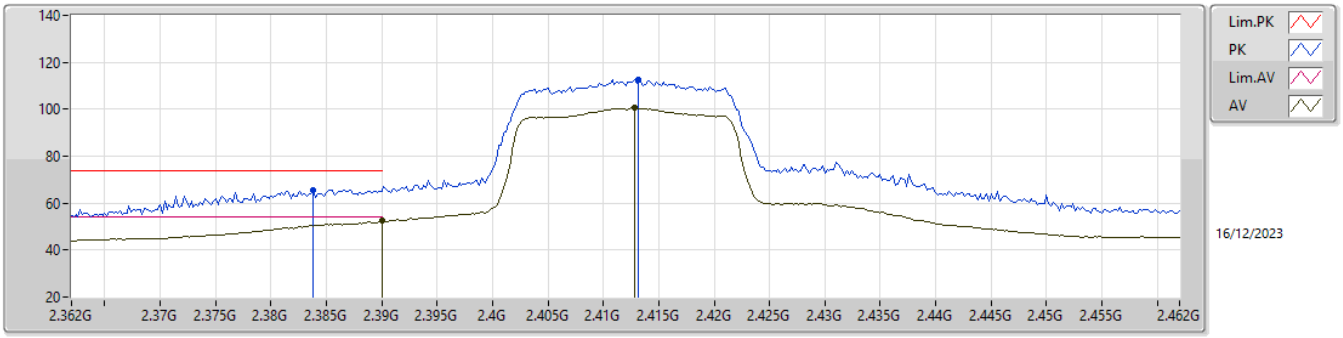


EUT X_1TX
Setting 72
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92586G	45.60	74.00	-28.40	37.83	3	Horizontal	167	2.45	-	33.25	5.13	30.61
AV	4.9261G	32.26	54.00	-21.74	24.49	3	Horizontal	167	2.45	-	33.25	5.13	30.61
PK	7.39042G	50.72	74.00	-23.28	39.63	3	Horizontal	253	1.35	-	36.70	6.55	32.16
AV	7.38844G	36.98	54.00	-17.02	25.89	3	Horizontal	253	1.35	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

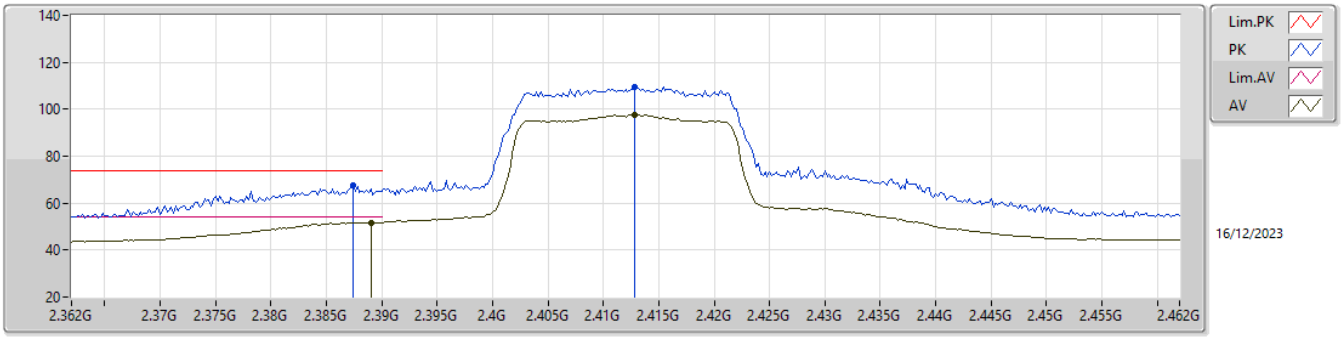


EUT Y_1TX
Setting 70
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3838G	65.62	74.00	-8.38	34.17	3	Vertical	292	2.34	-	28.40	3.05	-
AV	2.39G	52.55	54.00	-1.45	21.09	3	Vertical	292	2.34	-	28.40	3.06	-
PK	2.4132G	112.78	Inf	-Inf	81.31	3	Vertical	292	2.34	-	28.40	3.07	-
AV	2.4128G	100.66	Inf	-Inf	69.19	3	Vertical	292	2.34	-	28.40	3.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

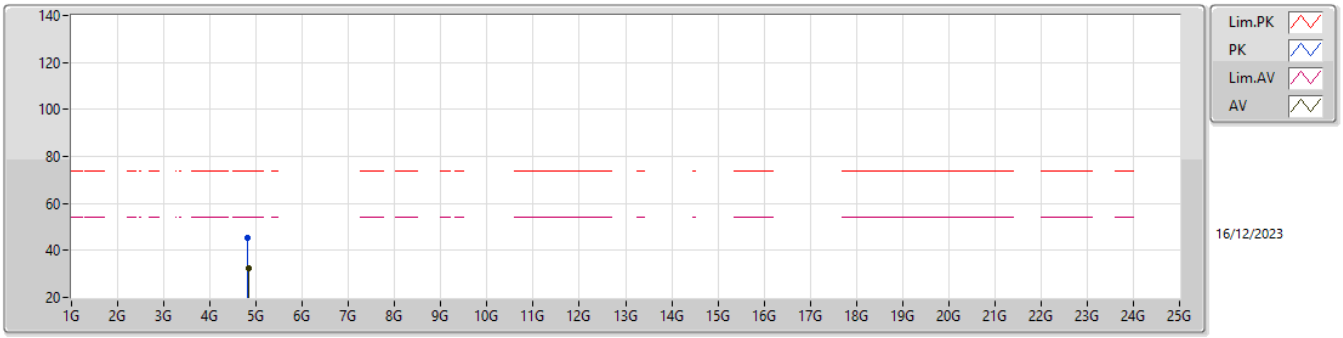


EUT Y_1TX
Setting 70
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	67.44	74.00	-6.56	35.99	3	Horizontal	55	2.12	-	28.40	3.05	-
AV	2.389G	51.78	54.00	-2.22	20.33	3	Horizontal	55	2.12	-	28.40	3.05	-
PK	2.4128G	109.35	Inf	-Inf	77.88	3	Horizontal	55	2.12	-	28.40	3.07	-
AV	2.4128G	97.59	Inf	-Inf	66.12	3	Horizontal	55	2.12	-	28.40	3.07	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

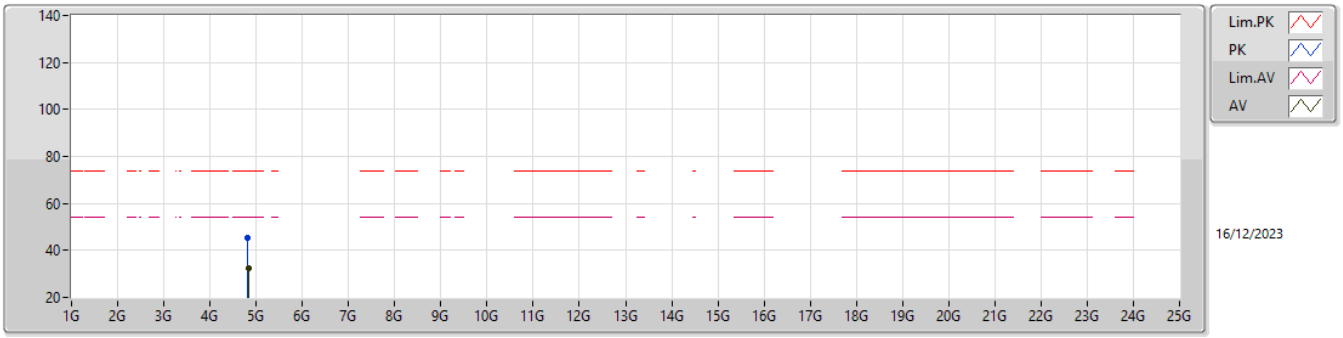


EUT X_1TX
Setting 70
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8238G	45.34	74.00	-28.66	37.98	3	Vertical	296	2.54	-	32.94	5.10	30.68
AV	4.8249G	32.31	54.00	-21.69	24.94	3	Vertical	296	2.54	-	32.95	5.10	30.68

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2412MHz_TX

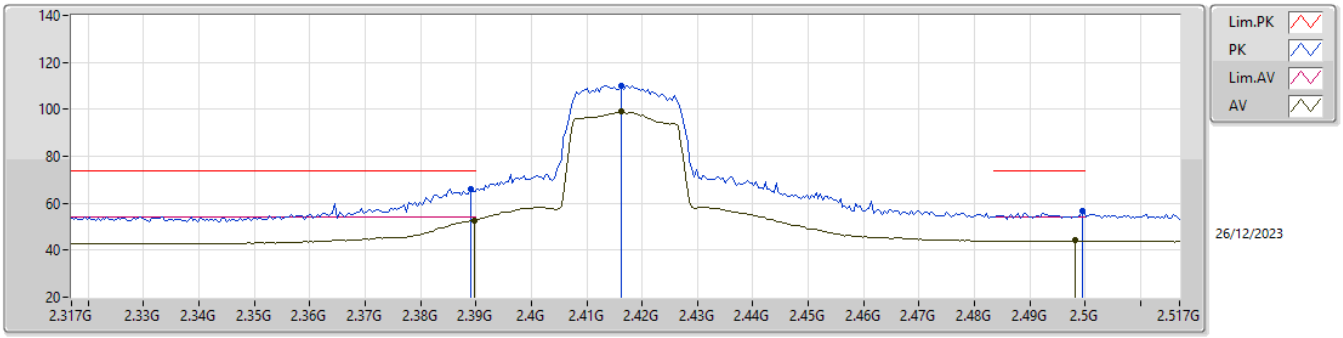


EUT X_1TX
Setting 70
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82126G	45.11	74.00	-28.89	37.76	3	Horizontal	176	2.34	-	32.93	5.10	30.68
AV	4.82882G	32.44	54.00	-21.56	25.04	3	Horizontal	176	2.34	-	32.97	5.10	30.67

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2417MHz_TX

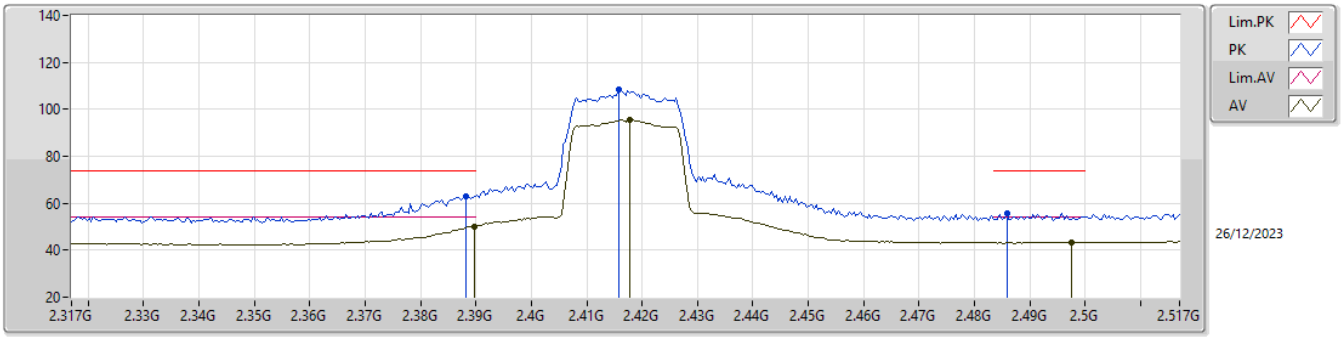


EUT Y_1TX
Setting 72
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	65.98	74.00	-8.02	34.53	3	Vertical	271	1.68	-	28.40	3.05	-
AV	2.3898G	52.66	54.00	-1.34	21.21	3	Vertical	271	1.68	-	28.40	3.05	-
PK	2.4162G	110.00	Inf	-Inf	78.53	3	Vertical	271	1.68	-	28.40	3.07	-
AV	2.4162G	98.93	Inf	-Inf	67.46	3	Vertical	271	1.68	-	28.40	3.07	-
PK	2.4994G	56.73	74.00	-17.27	25.04	3	Vertical	271	1.68	-	28.59	3.10	-
AV	2.4982G	44.07	54.00	-9.93	12.39	3	Vertical	271	1.68	-	28.58	3.10	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2417MHz_TX

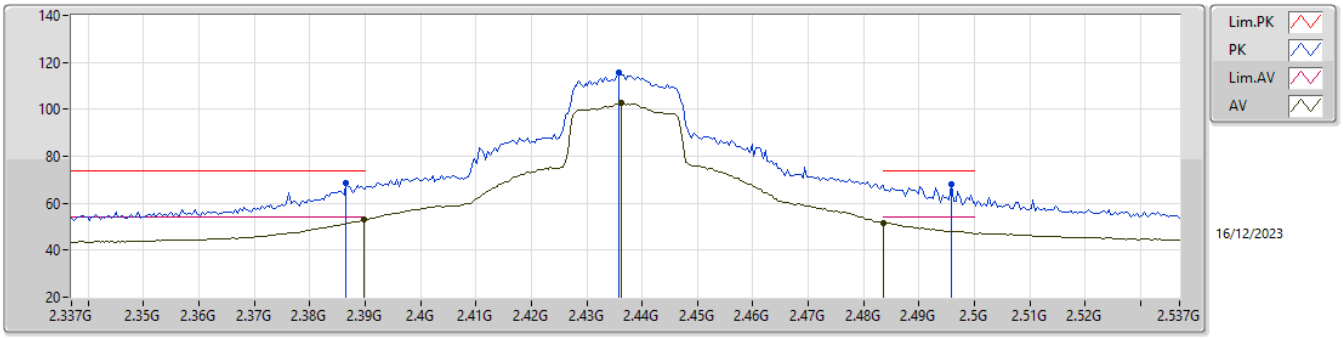


EUT Y_1TX
Setting 72
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	63.15	74.00	-10.85	31.70	3	Horizontal	24	2.67	-	28.40	3.05	-
AV	2.3898G	50.24	54.00	-3.76	18.79	3	Horizontal	24	2.67	-	28.40	3.05	-
PK	2.4158G	108.68	Inf	-Inf	77.21	3	Horizontal	24	2.67	-	28.40	3.07	-
AV	2.4178G	95.65	Inf	-Inf	64.18	3	Horizontal	24	2.67	-	28.40	3.07	-
PK	2.4858G	55.90	74.00	-18.10	24.31	3	Horizontal	24	2.67	-	28.50	3.09	-
AV	2.4974G	43.43	54.00	-10.57	11.76	3	Horizontal	24	2.67	-	28.57	3.10	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

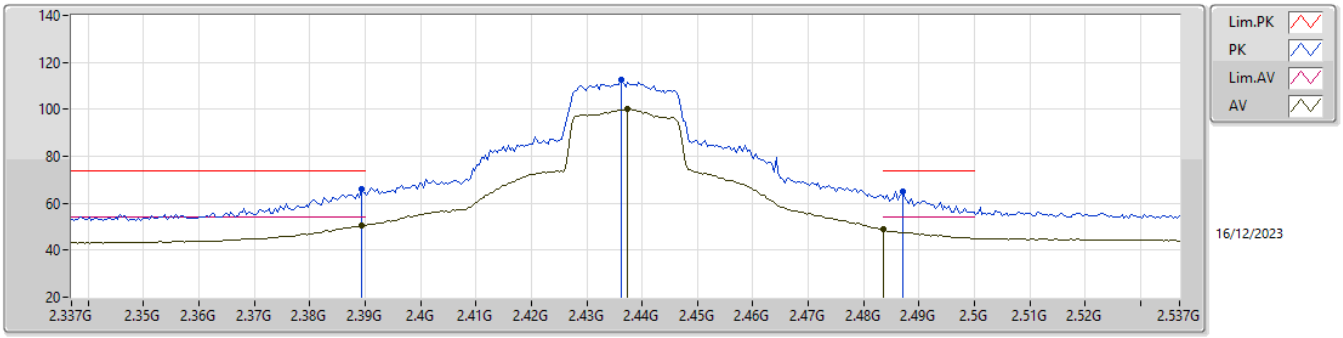


EUT Y_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3866G	68.52	74.00	-5.48	37.07	3	Vertical	290	1.88	-	28.40	3.05	-
AV	2.3898G	52.86	54.00	-1.14	21.41	3	Vertical	290	1.88	-	28.40	3.05	-
PK	2.4358G	115.48	Inf	-Inf	83.97	3	Vertical	290	1.88	-	28.44	3.07	-
AV	2.4362G	102.54	Inf	-Inf	71.03	3	Vertical	290	1.88	-	28.44	3.07	-
PK	2.4958G	68.14	74.00	-5.86	36.48	3	Vertical	290	1.88	-	28.56	3.10	-
AV	2.4835G	51.66	54.00	-2.34	20.07	3	Vertical	290	1.88	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

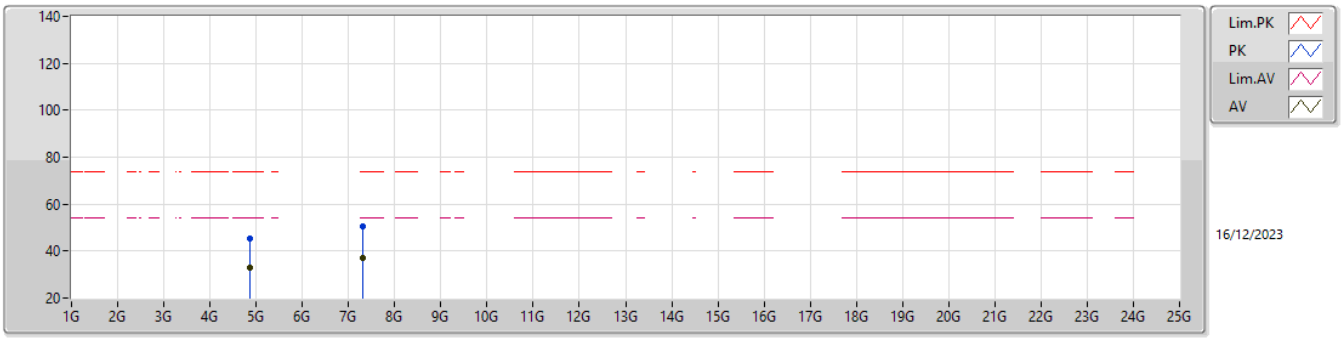


EUT Y_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	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	65.92	74.00	-8.08	34.47	3	Horizontal	55	2.10	-	28.40	3.05	-
AV	2.3894G	50.32	54.00	-3.68	18.87	3	Horizontal	55	2.10	-	28.40	3.05	-
PK	2.4362G	112.52	Inf	-Inf	81.01	3	Horizontal	55	2.10	-	28.44	3.07	-
AV	2.4374G	100.19	Inf	-Inf	68.69	3	Horizontal	55	2.10	-	28.43	3.07	-
PK	2.487G	64.82	74.00	-9.18	33.23	3	Horizontal	55	2.10	-	28.50	3.09	-
AV	2.4835G	48.74	54.00	-5.26	17.15	3	Horizontal	55	2.10	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

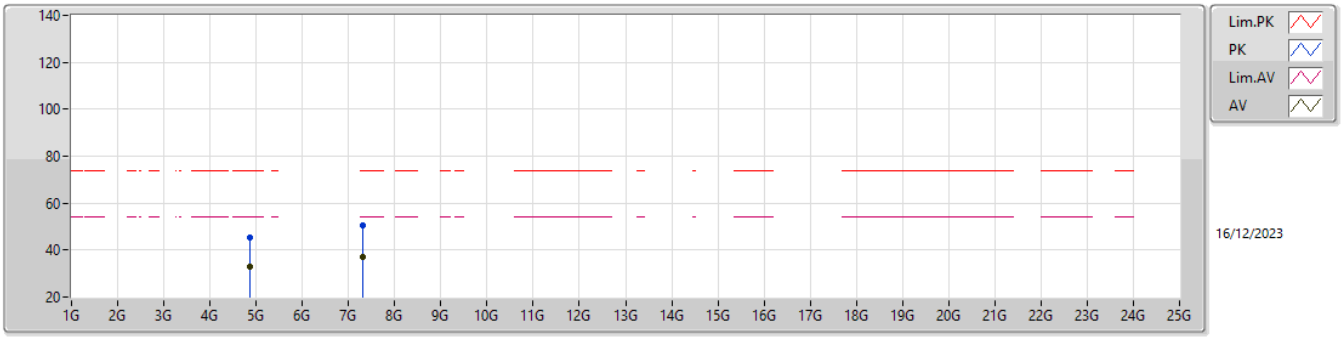


EUT X_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.869G	45.51	74.00	-28.49	37.91	3	Vertical	6	2.34	-	33.14	5.11	30.65
AV	4.87608G	32.79	54.00	-21.21	25.17	3	Vertical	6	2.34	-	33.15	5.11	30.64
PK	7.31336G	50.63	74.00	-23.37	39.61	3	Vertical	93	2.98	-	36.63	6.51	32.12
AV	7.3122G	37.29	54.00	-16.71	26.27	3	Vertical	93	2.98	-	36.62	6.51	32.11

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2437MHz_TX

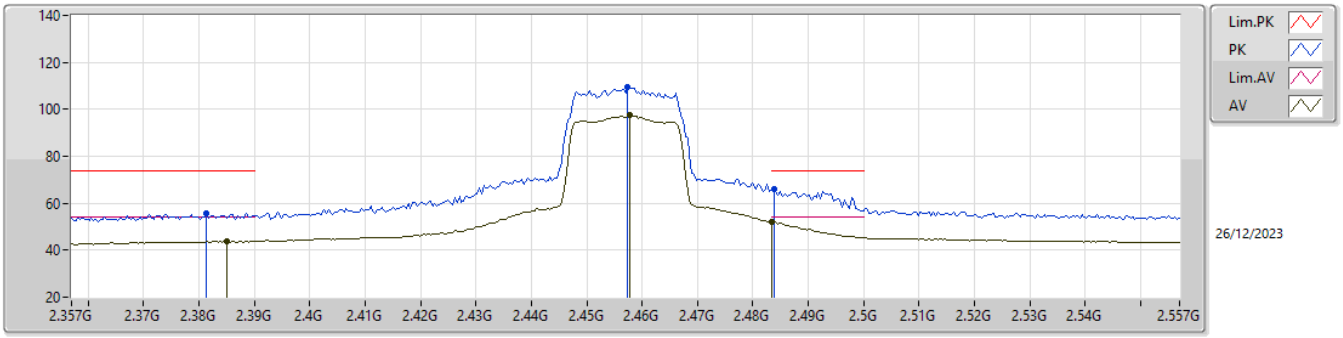


EUT X_1TX
Setting 77
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87646G	45.28	74.00	-28.72	37.66	3	Horizontal	342	2.78	-	33.15	5.11	30.64
AV	4.87044G	32.75	54.00	-21.25	25.15	3	Horizontal	342	2.78	-	33.14	5.11	30.65
PK	7.31574G	50.75	74.00	-23.25	39.73	3	Horizontal	84	1.74	-	36.63	6.51	32.12
AV	7.31402G	37.15	54.00	-16.85	26.13	3	Horizontal	84	1.74	-	36.63	6.51	32.12

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2457MHz_TX

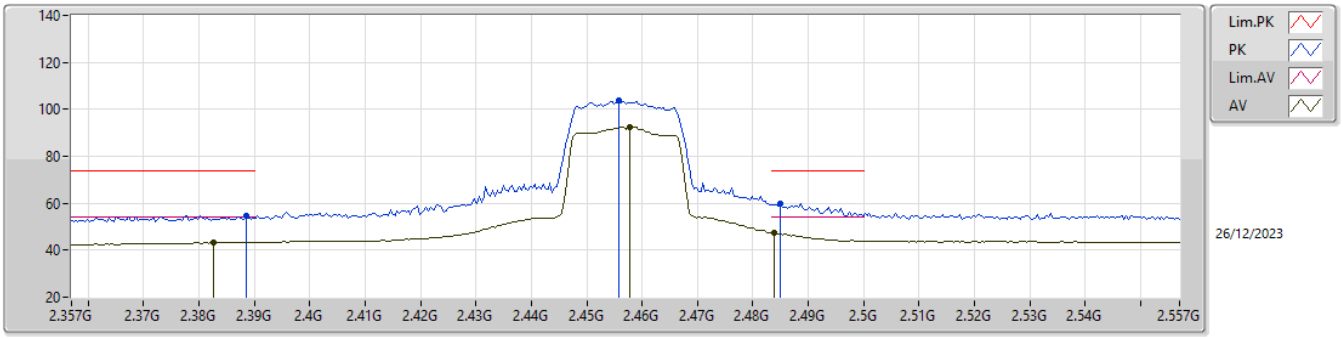


EUT Y_1TX
Setting 74
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3814G	55.90	74.00	-18.10	24.45	3	Vertical	270	1.87	-	28.40	3.05	-
AV	2.385G	43.69	54.00	-10.31	12.24	3	Vertical	270	1.87	-	28.40	3.05	-
PK	2.4574G	109.29	Inf	-Inf	77.74	3	Vertical	270	1.87	-	28.47	3.08	-
AV	2.4578G	97.53	Inf	-Inf	65.97	3	Vertical	270	1.87	-	28.48	3.08	-
PK	2.4838G	65.90	74.00	-8.10	34.31	3	Vertical	270	1.87	-	28.50	3.09	-
AV	2.4835G	52.27	54.00	-1.73	20.68	3	Vertical	270	1.87	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2457MHz_TX

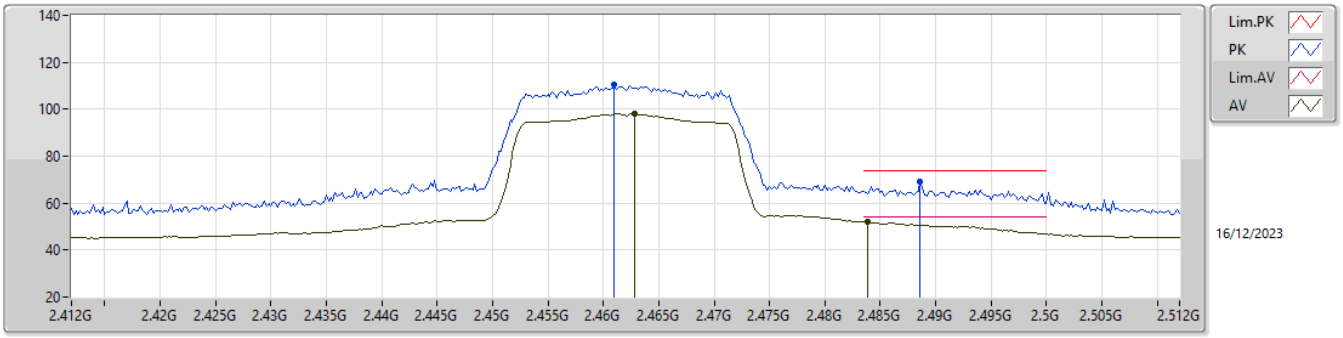


EUT Y_1TX
Setting 74
02-E-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	54.67	74.00	-19.33	23.22	3	Horizontal	163	2.96	-	28.40	3.05	-
AV	2.3826G	43.36	54.00	-10.64	11.91	3	Horizontal	163	2.96	-	28.40	3.05	-
PK	2.4558G	104.00	Inf	-Inf	72.46	3	Horizontal	163	2.96	-	28.46	3.08	-
AV	2.4578G	92.55	Inf	-Inf	60.99	3	Horizontal	163	2.96	-	28.48	3.08	-
PK	2.485G	59.96	74.00	-14.04	28.37	3	Horizontal	163	2.96	-	28.50	3.09	-
AV	2.4838G	47.43	54.00	-6.57	15.84	3	Horizontal	163	2.96	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

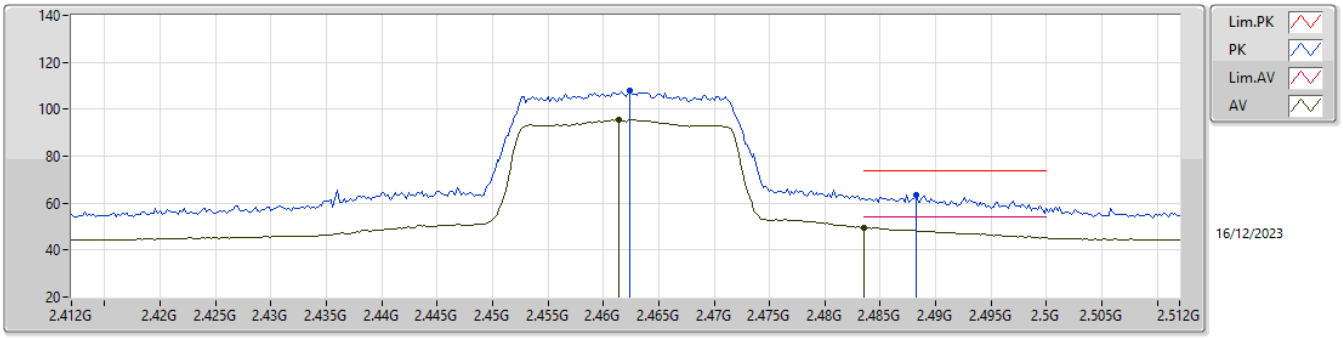


EUT Y_1TX
Setting 71
02-E-B-5
FSP

Type	Freq	Level	Limit	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	110.72	Inf	-Inf	79.14	3	Vertical	281	2.30	-	28.50	3.08	-
AV	2.4628G	98.13	Inf	-Inf	66.54	3	Vertical	281	2.30	-	28.50	3.09	-
PK	2.4886G	69.08	74.00	-4.92	37.48	3	Vertical	281	2.30	-	28.50	3.10	-
AV	2.4838G	52.08	54.00	-1.92	20.49	3	Vertical	281	2.30	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

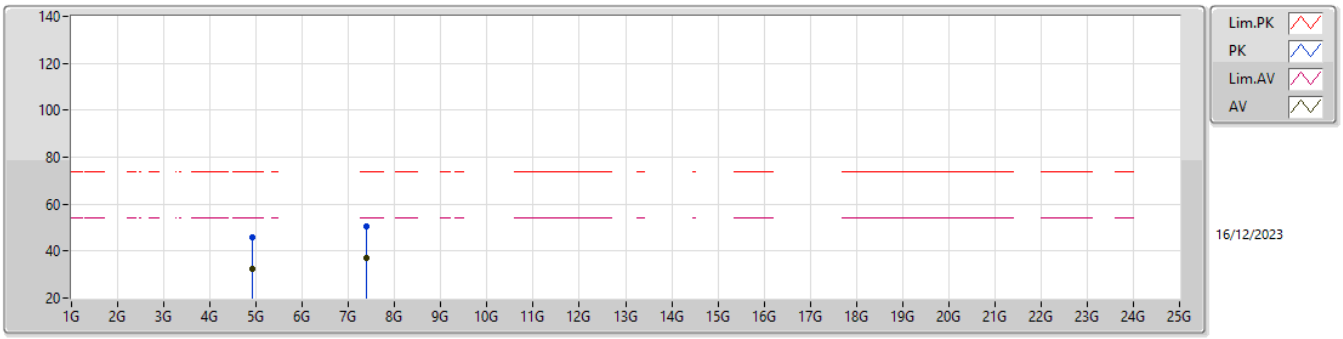


EUT Y_1TX
Setting 71
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4624G	108.10	Inf	-Inf	76.52	3	Horizontal	46	2.06	-	28.50	3.08	-
AV	2.4614G	95.56	Inf	-Inf	63.98	3	Horizontal	46	2.06	-	28.50	3.08	-
PK	2.4882G	63.70	74.00	-10.30	32.10	3	Horizontal	46	2.06	-	28.50	3.10	-
AV	2.4835G	49.68	54.00	-4.32	18.09	3	Horizontal	46	2.06	-	28.50	3.09	-

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX

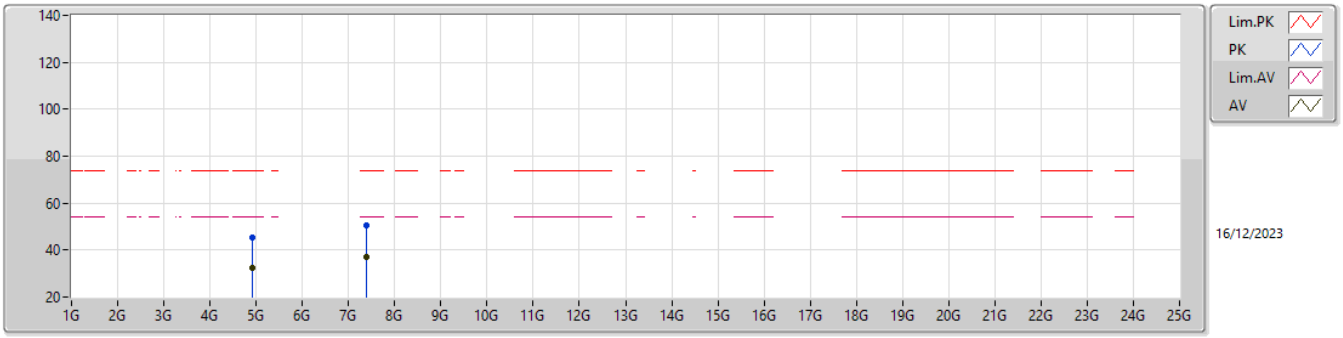


EUT X_1TX
Setting 71
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92218G	45.68	74.00	-28.32	37.92	3	Vertical	153	1.80	-	33.24	5.13	30.61
AV	4.92348G	32.57	54.00	-21.43	24.80	3	Vertical	153	1.80	-	33.25	5.13	30.61
PK	7.38732G	50.61	74.00	-23.39	39.52	3	Vertical	270	1.80	-	36.70	6.55	32.16
AV	7.38687G	37.30	54.00	-16.70	26.21	3	Vertical	270	1.80	-	36.70	6.55	32.16

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

2462MHz_TX



EUT X_1TX
Setting 71
02-E-B-5
FSP

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9216G	45.53	74.00	-28.47	37.77	3	Horizontal	32	2.69	-	33.24	5.13	30.61
AV	4.92564G	32.43	54.00	-21.57	24.66	3	Horizontal	32	2.69	-	33.25	5.13	30.61
PK	7.38753G	50.26	74.00	-23.74	39.17	3	Horizontal	146	2.39	-	36.70	6.55	32.16
AV	7.38721G	37.12	54.00	-16.88	26.03	3	Horizontal	146	2.39	-	36.70	6.55	32.16