Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	TLZ-XM549
Equipment	:	IEEE 802.11 1X1 a/b/g/n/ac/ax Wireless LAN + Bluetooth 5.3 + 802.15.4 Tri-radio 12 x 12 LGA Module
Brand Name	:	AzureWave
Model Name	:	AW-XM549 , AW-XM549-I , AW-XM553 , AW-XM553-I
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. 16, 2022, and testing was started from Dec. 16, 2022 and completed on Sep. 13, 2023. 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
FR2O0715AA	01	Initial issue of report	Oct. 12, 2023

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: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	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
2.4-2.4835GHz	802.11n HT40	40	1TX
2.4-2.4835GHz	VHT40	40	1TX
2.4-2.4835GHz	802.11ax HEW40	40	1TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	MAG. LAYERS	MSA-4008-25GC1-A2	PIFA Antenna	I-PEX	Note1
2	1	CEL	0032-02-07-00-001	PIFA Antenna	I-PEX	

Note1:

Ant.	Gain (dBi)	
	WLAN 2.4GHz/Bluetooth/Thread	WLAN 5GHz
1	2.98	5.16
2	1.30	4.30

Note 2: The above information was declared by manufacturer.

Note 3: The EUT has two antennas. Only the highest gain antenna was selected to test and record in this report. Thus, Antenna 1 was selected to perform the test.

<For WLAN 2.4GHz function>

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

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

<For WLAN 5GHz function>

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

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

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

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

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

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

1.1.3 Test Mode of Partial RU

Mode	Partial RU		
802.11ax HEW20	26	52	106
802.11ax HEW40	242		

1.1.4 Mode Test Duty Cycle

<Full RU>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.991	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20	0.917	0.38	3.904m	300
802.11ax HEW40	0.882	0.55	1.979m	1k

<Partial RU>

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
ax20,RU26	0.881	0.55	1.359m	1k
ax20,RU52	0.876	0.57	1.359m	1k
ax20,RU106	0.883	0.54	1.359m	1k
ax40,RU242	0.959	0.18	1.359m	1k

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

1.1.5 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☒	Partial RU
Test Software Version	DutApiMimoApApp(1.0.0.32)			

Note: The above information was declared by manufacturer.

1.1.6 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Description
AW-XM549	All the models are identical, the difference model served as marketing strategy.
AW-XM549-I	
AW-XM553	
AW-XM553-I	

Note 1: From the above models, model: AW-XM549 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.

1.1.7 Table for EUT Combination

EUT	Hardware Version	Description
1	01H	The difference between 01H and 02H is the layout of DC-DC power. All RF layouts are the same.
2	02H	

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

Testing Location Information	
Test Lab.：Sporton International Inc. Hsinchu Laboratory	
Hsinchu	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	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	Sean Ku	22.4~22.6 / 52~59	Dec. 20, 2022~Jan. 18, 2023
Radiated below 1GHz	03CH01-CB	Black Lu	22.7~24 / 57~61	Jun. 16, 2023 ~ Aug. 16, 2023
Radiated above 1GHz	03CH03-CB	Ederson Huang	22.7~24 / 57~61	Dec. 16, 2022~Jan. 17, 2023
AC Conduction	CO01-CB	Ryan Huang	22~23 / 50~51	Sep. 01, 2023~Sep. 13, 2023

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)

For test date before Jun. 01, 2023

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

For test date after May 31, 2023

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%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Full RU>

Mode	Power Setting
802.11b_Nss1,(1Mbps)_1TX	-
2412MHz	16
2417MHz	19
2437MHz	19
2462MHz	17
802.11g_Nss1,(6Mbps)_1TX	-
2412MHz	17
2417MHz	18
2437MHz	22
2457MHz	18
2462MHz	17
802.11ax HEW20_Nss1,(MCS0)_1TX	-
2412MHz	15
2417MHz	18
2437MHz	21
2457MHz	17
2462MHz	16
802.11ax HEW40_Nss1,(MCS0)_1TX	-
2422MHz	15
2437MHz	17
2452MHz	16

<Partial RU>

Mode	Power Setting
ax20,RU26_20MHz_Nss1,(MCS0)_1TX	-
2412MHz	4
2462MHz	6
ax20,RU52_20MHz_Nss1,(MCS0)_1TX	-
2412MHz	7
2462MHz	9
ax20,RU106_20MHz_Nss1,(MCS0)_1TX	-
2412MHz	9
2462MHz	10
ax40,RU242_40MHz_Nss1,(MCS0)_1TX	-
2422MHz	9
2452MHz	10

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

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 2 + WLAN 2.4GHz + Bluetooth
2	EUT 2 + WLAN 5GHz + Bluetooth
3	EUT 2 + Thread
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 1 + Thread
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	DTS Bandwidth Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains
1	EUT 2 <Full RU>

The Worst Case Mode for Following Conformance Tests	
Tests Item	Maximum Conducted Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT 2 <Full RU>
2	EUT 2 <Partial RU>

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 2 in X axis + WLAN 2.4GHz + Bluetooth
2	EUT 2 in Y axis + WLAN 2.4GHz + Bluetooth
3	EUT 2 in Z axis + WLAN 2.4GHz + Bluetooth
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 2 in Z axis + WLAN 5GHz + Bluetooth
Mode 4 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 will follow this same test mode.	
5	EUT 1 in Z axis + WLAN 5GHz + Bluetooth
Mode 3 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 6~7 will follow this same test mode.	
6	EUT 2 in Z axis + Thread
7	EUT 1 in Z axis + Thread
For operating mode 7 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position. The worst-case was listed below, thus the measurement will follow this same test configuration.
1	EUT 2 in X axis

Note: The WLAN and Bluetooth function can't work at the same time.

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	EUT NB	ACER	N16Q1	N/A
B	Earphone	SHYARO CHI	MIC-04	N/A
C	Mouse	Logitech	M-U0026	N/A
D	Test Fixture	Azurewave	2460-I4	N/A
E	Client NB	DELL	E6430	N/A
F	Client	Azurewave	AW-XM549	N/A
G	Test Fixture	Azurewave	2460-I4	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Test Fixture	Azurewave	2460-I4	N/A
B	Notebook	DELL	E6230	N/A
C	Client	Azurewave	AW-XM549	N/A
D	Test Fixture	Azurewave	2460-I4	N/A
E	Notebook	DELL	E6230	N/A
F	Earphone	e-Power	S90W	N/A
G	Mouse	Logitech	M-U0026	N/A

For Radiated (above 1GHz):

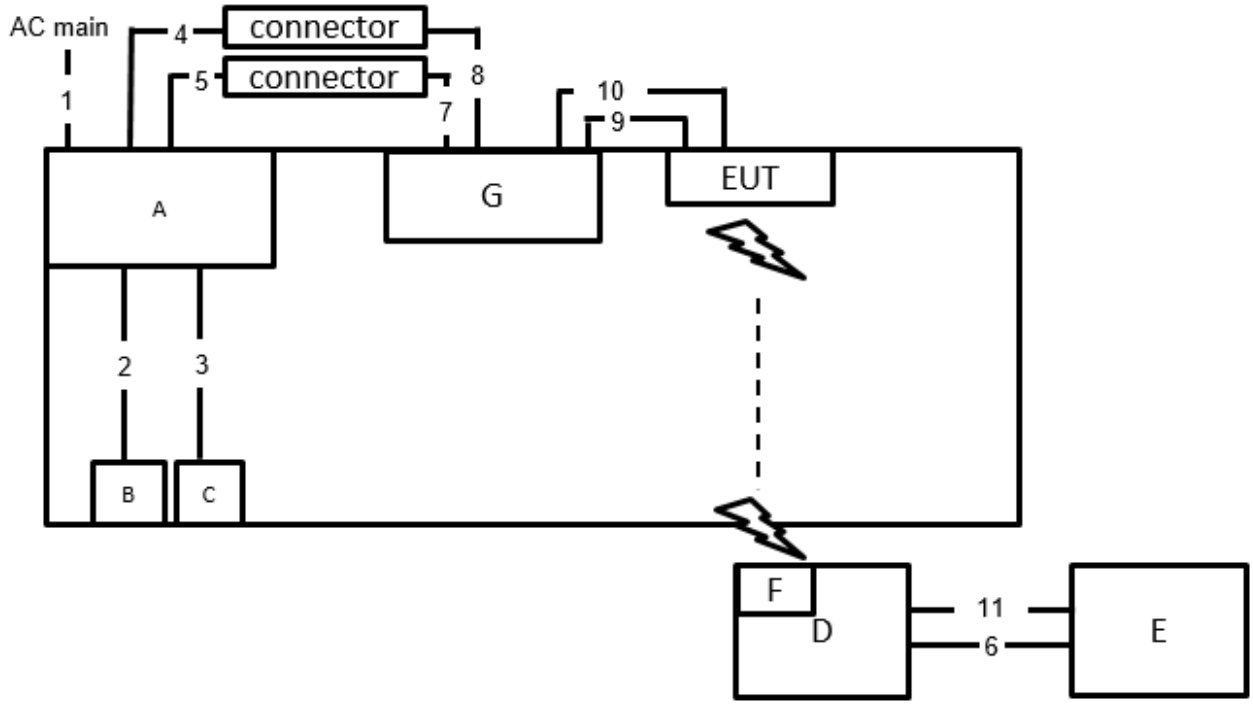
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	ACER	JALA0	N/A
C	Test Fixture	Azurewave	2510-I1	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	ACER	E4730	N/A
B	Notebook	DELL	E4300	N/A
C	Test Fixture	Azurewave	2510-I1	N/A

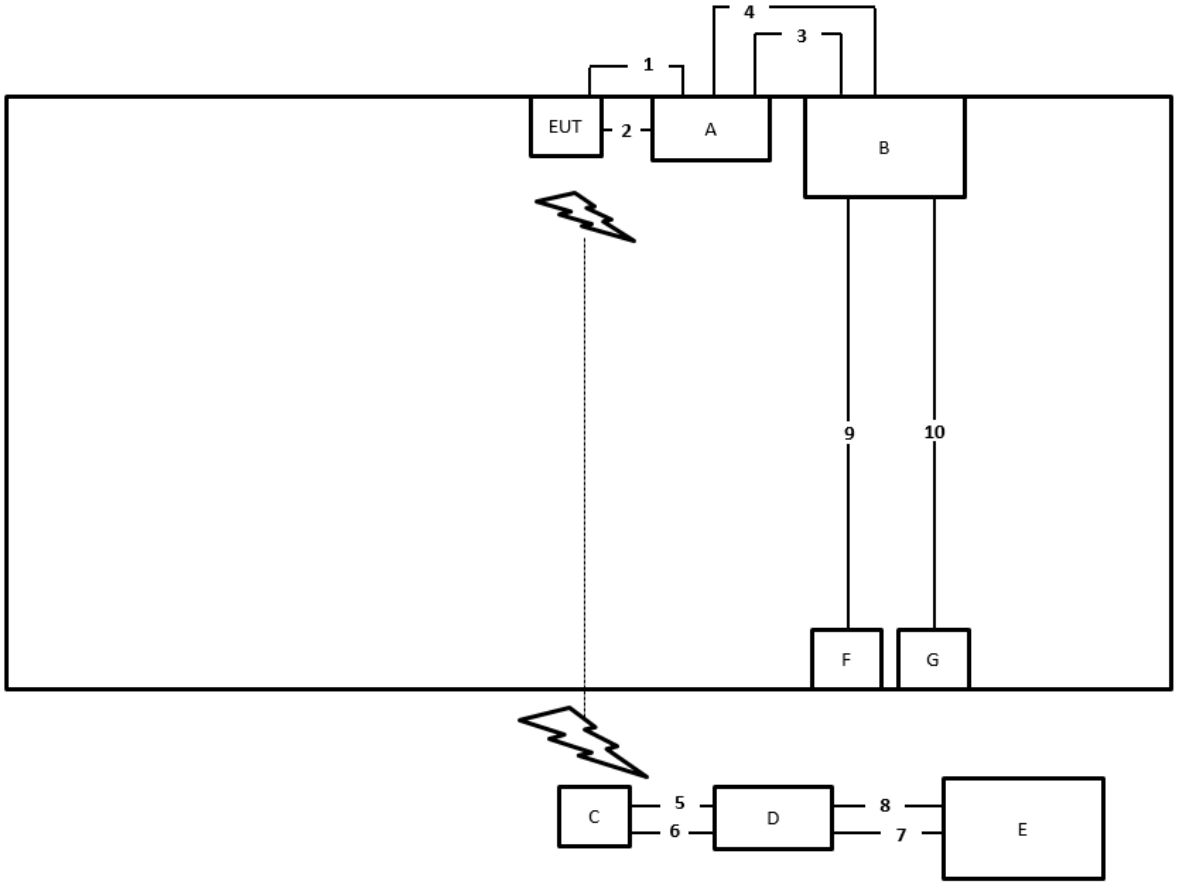
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



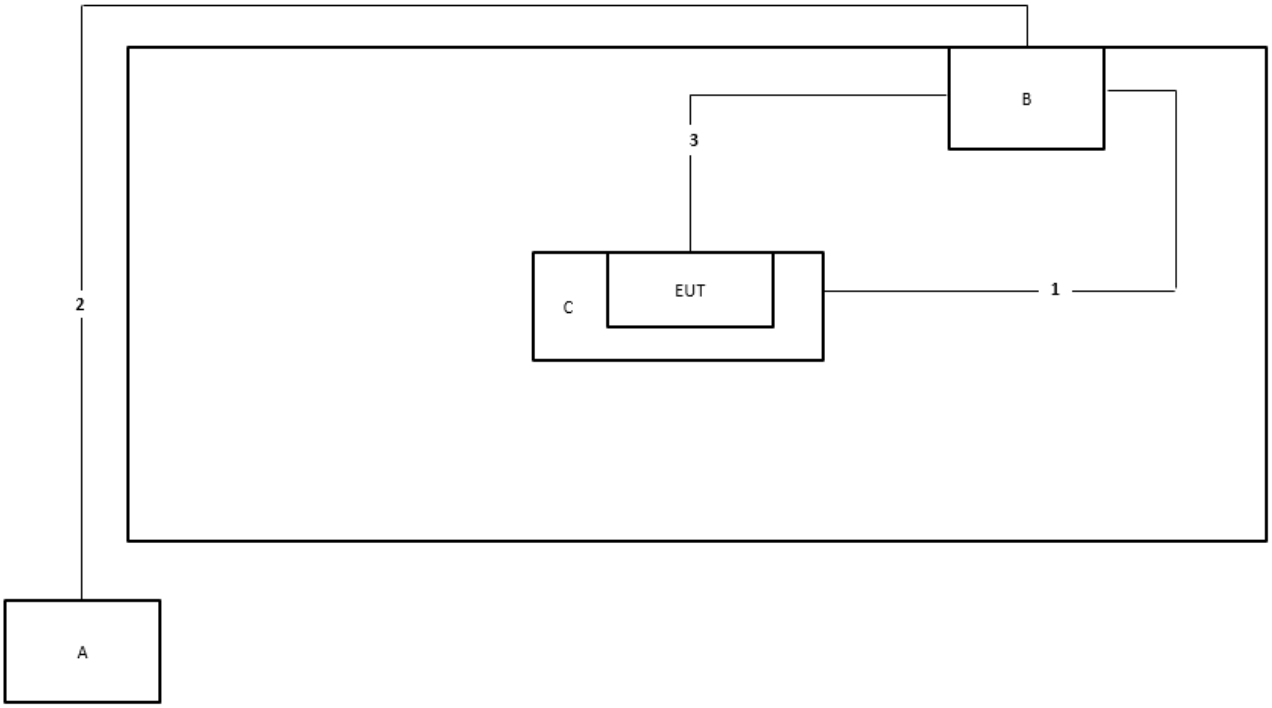
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	Audio cable	No	1.2m
3	USB cable	Yes	1.8m
4	USB cable	Yes	1.7m
5	USB cable	Yes	1.7m
6	USB cable	Yes	0.5m
7	USB cable	Yes	0.5m
8	USB cable	Yes	0.5m
9	Type C to Micro USB cable	Yes	0.6m
10	Dupont cable	No	0.2m
11	USB cable	Yes	0.7m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	USB to Type C cable	Yes	1m
2	Console cable*7	No	0.13m
3	USB to Type C cable	Yes	1m
4	Micro USB to Micro cable	Yes	0.12m
5	USB to Type C cable	Yes	1m
6	Console cable*7	No	0.13m
7	USB to Type C cable	Yes	1m
8	Micro USB to Micro cable	Yes	0.12m
9	Earphone	No	1m
10	Mouse	Yes	1m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	USB to Micro cable	Yes	0.5m
2	RJ-45 cable	No	10m
3	USB to Micro cable	Yes	0.5m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

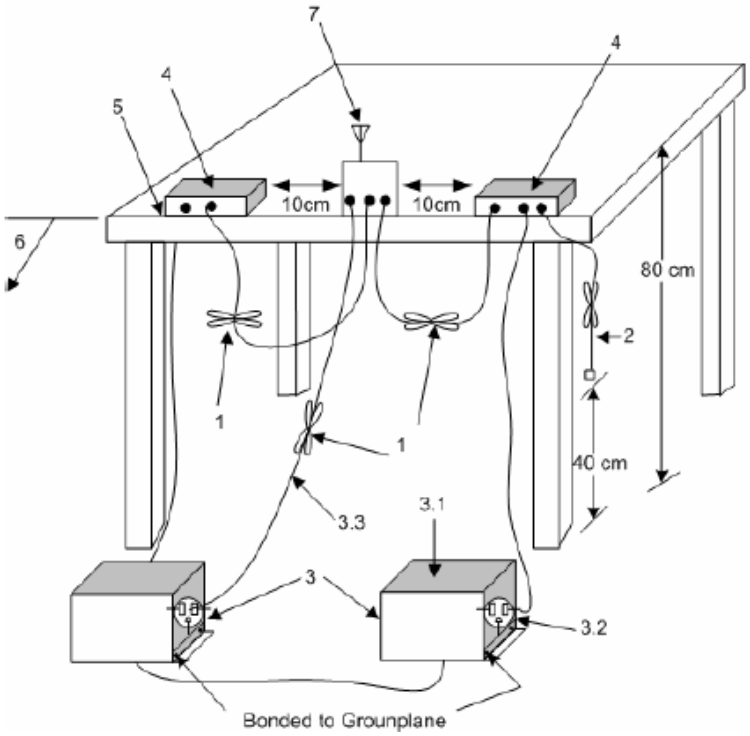
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

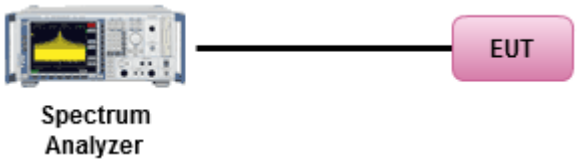
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
	☐ Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
	[duty cycle ≥ 98% or external video / power trigger]
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
	duty cycle < 98% and average over on/off periods with duty factor
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
	☐ Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
	Measurement using a power meter (PM)
	☐ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
	☒ Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

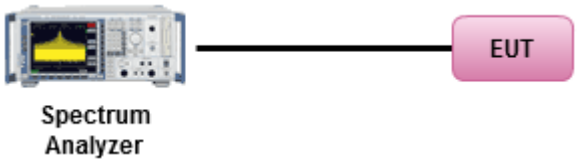
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

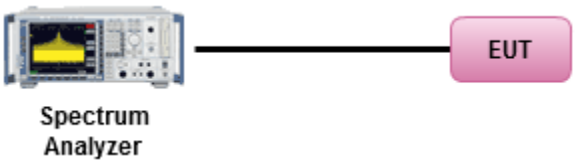
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

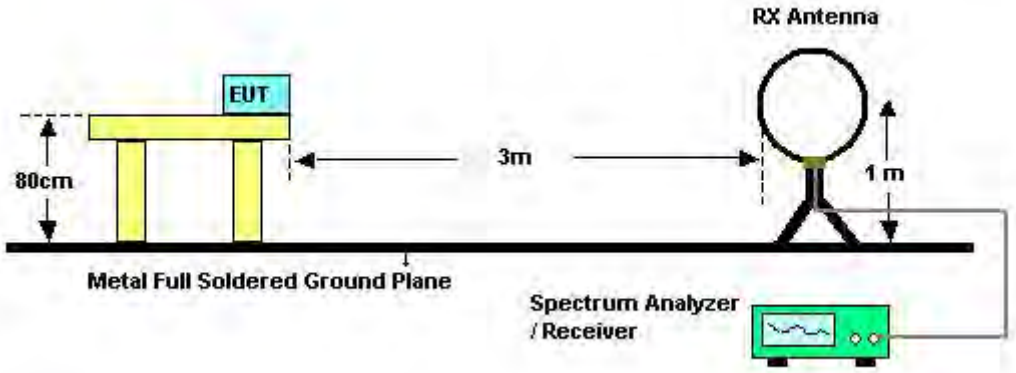
3.6.3 Test Procedures

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

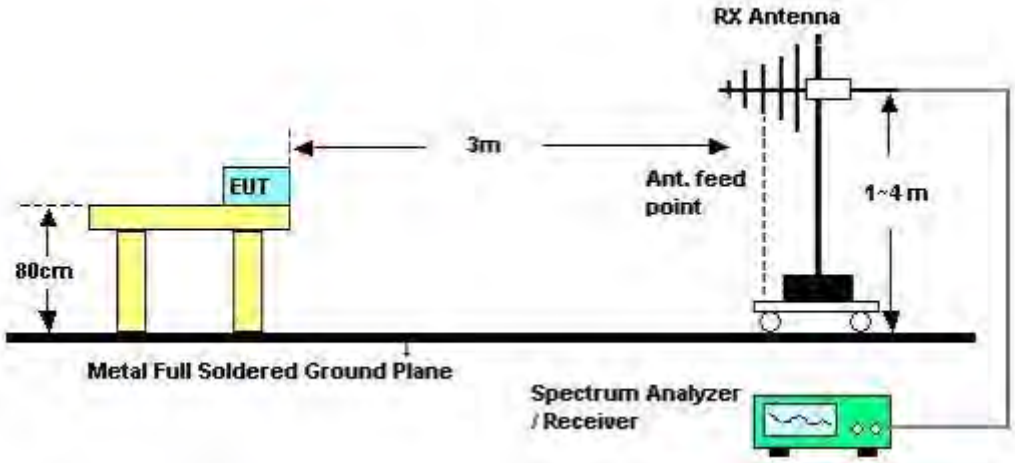
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

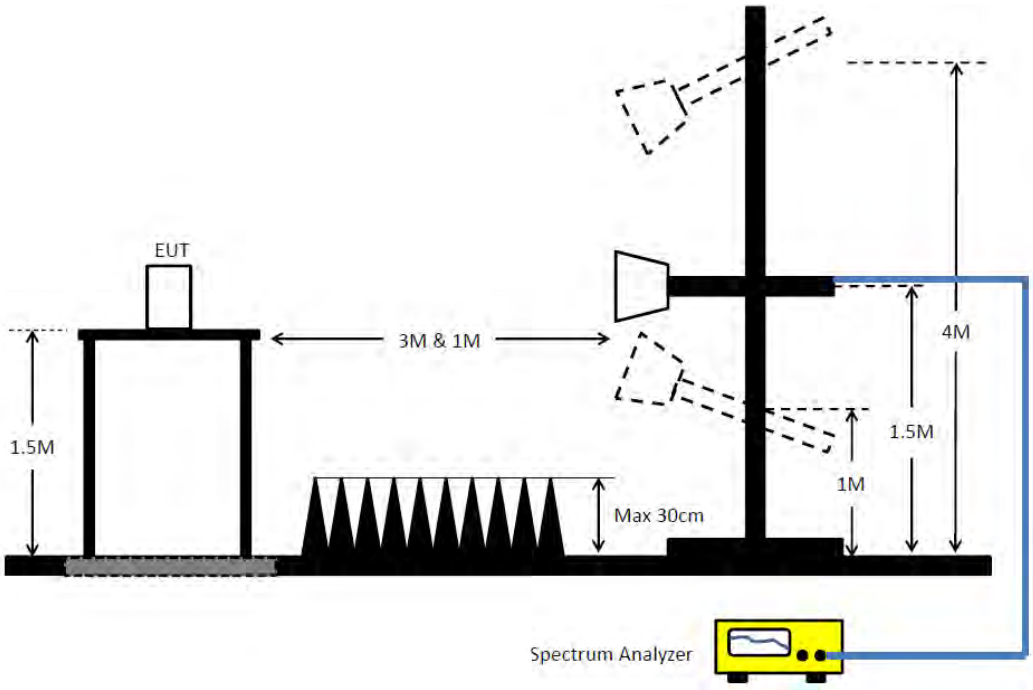
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 20, 2023	Feb. 19, 2024	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 16, 2023	Feb. 15, 2024	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. 09, 2023	Feb. 08, 2024	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 23, 2023	Mar. 22, 2024	Radiation (03CH01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 16, 2023	Jan. 15, 2024	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 19, 2023	Feb. 18, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH0301	20230109-2	10M~1GHz	Jan. 13, 2023	Jan. 12, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 29, 2022	Nov. 29, 2023	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-16+17	30 MHz ~ 1 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 05, 2022	May 04, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS·Lindgren	3115	6821	750MHz~18GHz	Jan. 21, 2022	Jan. 20, 2023	Radiation (03CH03-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2022	Nov. 03, 2023	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 16, 2022	Nov. 15, 2023	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 10, 2022	Jun. 09, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2022	May 26, 2023	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Feb. 21, 2022	Feb. 20, 2023	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

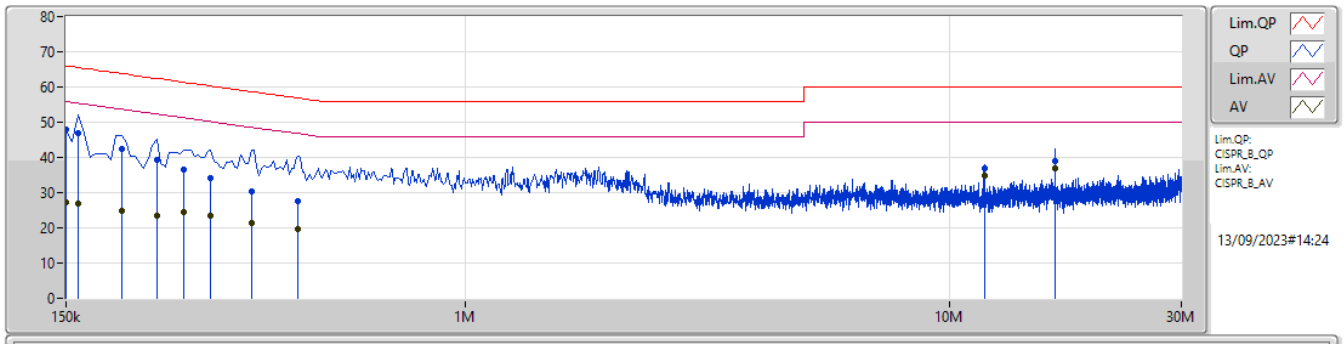
Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.

Summary

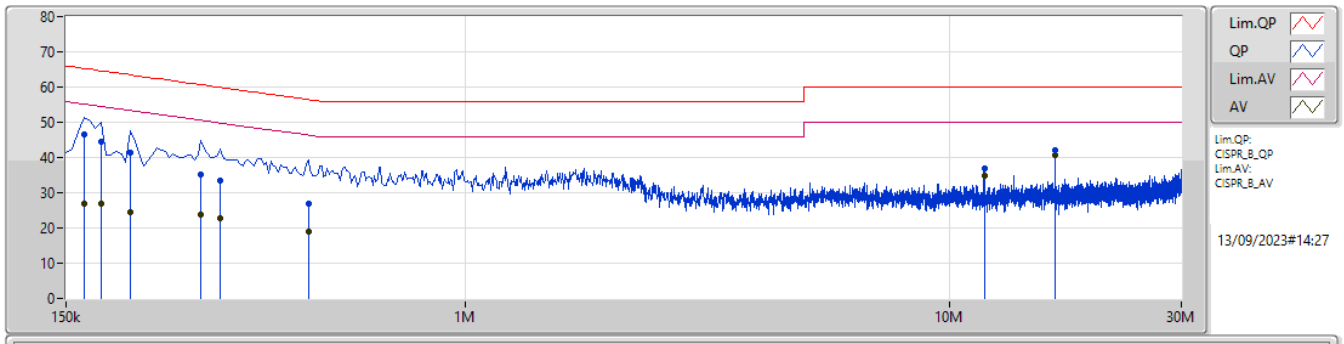
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	16.463M	40.53	50.00	-9.47	Neutral

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	48.00	66.00	-18.00	10.00	Line	-	38.00	0.09	0.04	9.87
AV	150k	27.10	56.00	-28.90	10.00	Line	-	17.10	0.09	0.04	9.87
QP	159k	46.84	65.52	-18.68	10.00	Line	-	36.84	0.09	0.04	9.87
AV	159k	26.89	55.52	-28.63	10.00	Line	-	16.89	0.09	0.04	9.87
QP	195k	42.35	63.82	-21.47	9.98	Line	-	32.37	0.08	0.04	9.86
AV	195k	24.92	53.82	-28.90	9.98	Line	-	14.94	0.08	0.04	9.86
QP	231k	39.17	62.41	-23.24	9.99	Line	-	29.18	0.08	0.04	9.87
AV	231k	23.45	52.41	-28.96	9.99	Line	-	13.46	0.08	0.04	9.87
QP	262.5k	36.53	61.35	-24.82	10.01	Line	-	26.52	0.08	0.05	9.88
AV	262.5k	24.59	51.35	-26.76	10.01	Line	-	14.58	0.08	0.05	9.88
QP	298.5k	34.18	60.28	-26.10	10.02	Line	-	24.16	0.09	0.05	9.88
AV	298.5k	23.28	50.28	-27.00	10.02	Line	-	13.26	0.09	0.05	9.88
QP	361.5k	30.49	58.70	-28.21	10.04	Line	-	20.45	0.09	0.06	9.89
AV	361.5k	21.26	48.70	-27.44	10.04	Line	-	11.22	0.09	0.06	9.89
QP	451.5k	27.55	56.84	-29.29	10.05	Line	-	17.50	0.09	0.06	9.90
AV	451.5k	19.58	46.84	-27.26	10.05	Line	-	9.53	0.09	0.06	9.90
QP	11.76M	36.79	60.00	-23.21	10.38	Line	-	26.41	0.26	0.16	9.96
AV	11.76M	34.94	50.00	-15.06	10.38	Line	-	24.56	0.26	0.16	9.96
QP	16.467M	38.83	60.00	-21.17	10.47	Line	-	28.36	0.29	0.19	9.99
AV	16.467M	36.92	50.00	-13.08	10.47	Line	"Worst"	26.45	0.29	0.19	9.99

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	163.5k	46.38	65.27	-18.89	9.98	Neutral	-	36.40	0.07	0.04	9.87
AV	163.5k	26.91	55.27	-28.36	9.98	Neutral	-	16.93	0.07	0.04	9.87
QP	177k	44.42	64.62	-20.20	9.98	Neutral	-	34.44	0.07	0.04	9.87
AV	177k	26.81	54.62	-27.81	9.98	Neutral	-	16.83	0.07	0.04	9.87
QP	204k	41.51	63.44	-21.93	9.97	Neutral	-	31.54	0.07	0.04	9.86
AV	204k	24.44	53.44	-29.00	9.97	Neutral	-	14.47	0.07	0.04	9.86
QP	285k	35.16	60.67	-25.51	10.00	Neutral	-	25.16	0.07	0.05	9.88
AV	285k	23.86	50.67	-26.81	10.00	Neutral	-	13.86	0.07	0.05	9.88
QP	312k	33.57	59.92	-26.35	10.01	Neutral	-	23.56	0.07	0.05	9.89
AV	312k	22.75	49.92	-27.17	10.01	Neutral	-	12.74	0.07	0.05	9.89
QP	474k	26.77	56.44	-29.67	10.03	Neutral	-	16.74	0.07	0.06	9.90
AV	474k	19.11	46.44	-27.33	10.03	Neutral	-	9.08	0.07	0.06	9.90
QP	11.76M	36.79	60.00	-23.21	10.36	Neutral	-	26.43	0.24	0.16	9.96
AV	11.76M	34.93	50.00	-15.07	10.36	Neutral	-	24.57	0.24	0.16	9.96
QP	16.463M	42.12	60.00	-17.88	10.45	Neutral	-	31.67	0.27	0.19	9.99
AV	16.463M	40.53	50.00	-9.47	10.45	Neutral	"Worst"	30.08	0.27	0.19	9.99

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	10.05M	13.493M	13M5G1D	10.05M	13.435M
802.11g_Nss1,(6Mbps)_1TX	16.35M	24.978M	25M0D1D	16.3M	16.524M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.3M	24.12M	24M1D1D	17.9M	18.758M
802.11ax HEW40_Nss1,(MCS0)_1TX	36.7M	37.564M	37M6D1D	36.4M	37.417M

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

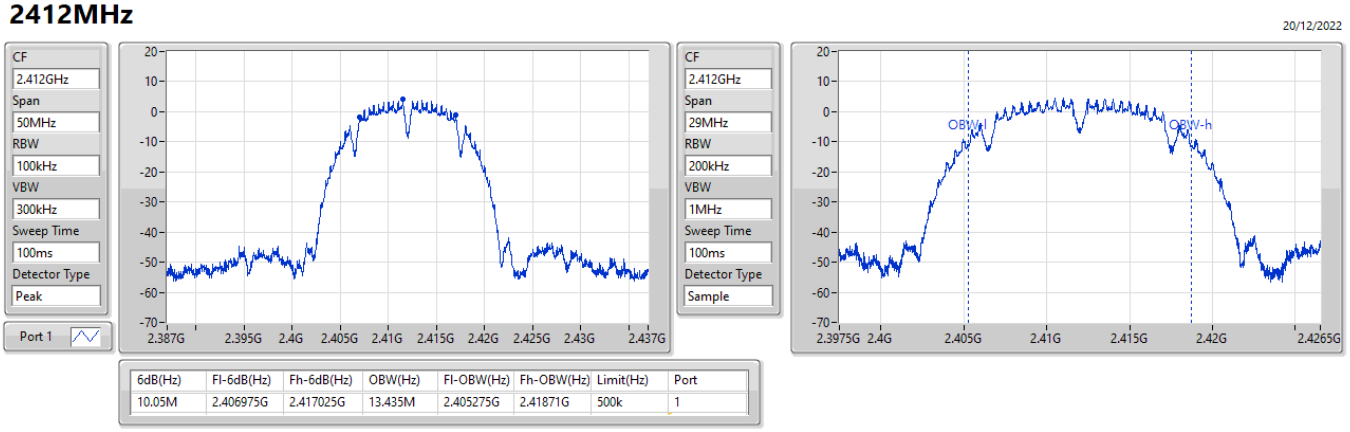
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	10.05M	13.435M
2437MHz	Pass	500k	10.05M	13.478M
2462MHz	Pass	500k	10.05M	13.493M
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-
2412MHz	Pass	500k	16.325M	16.524M
2437MHz	Pass	500k	16.35M	24.978M
2462MHz	Pass	500k	16.3M	16.545M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
2412MHz	Pass	500k	18.3M	18.758M
2437MHz	Pass	500k	17.9M	24.12M
2462MHz	Pass	500k	17.975M	18.758M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
2422MHz	Pass	500k	36.4M	37.417M
2437MHz	Pass	500k	36.65M	37.564M
2452MHz	Pass	500k	36.7M	37.515M

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

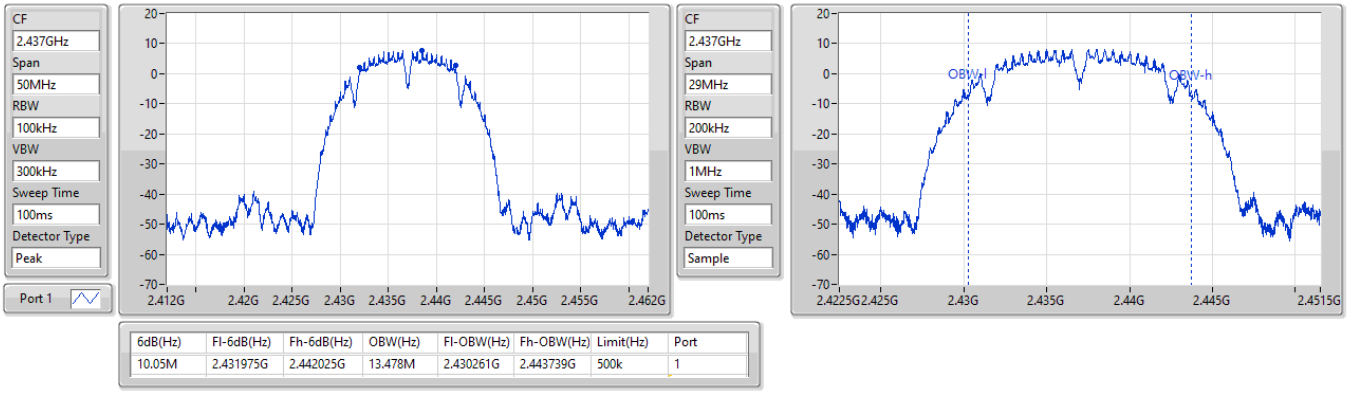
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.406975G	2.417025G	13.435M	2.405275G	2.41871G	500k	1

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

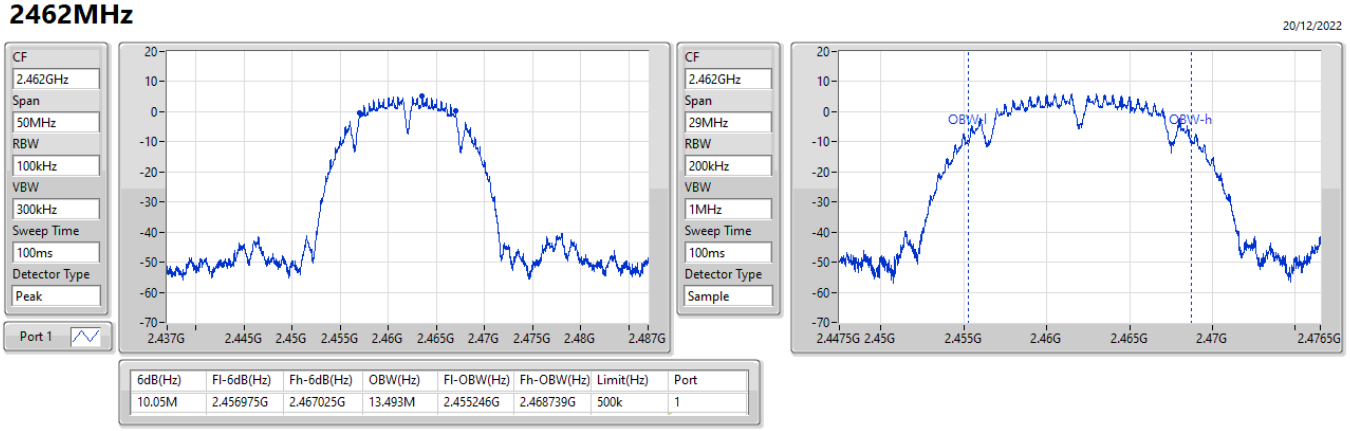
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.431975G	2.442025G	13.478M	2.430261G	2.443739G	500k	1

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

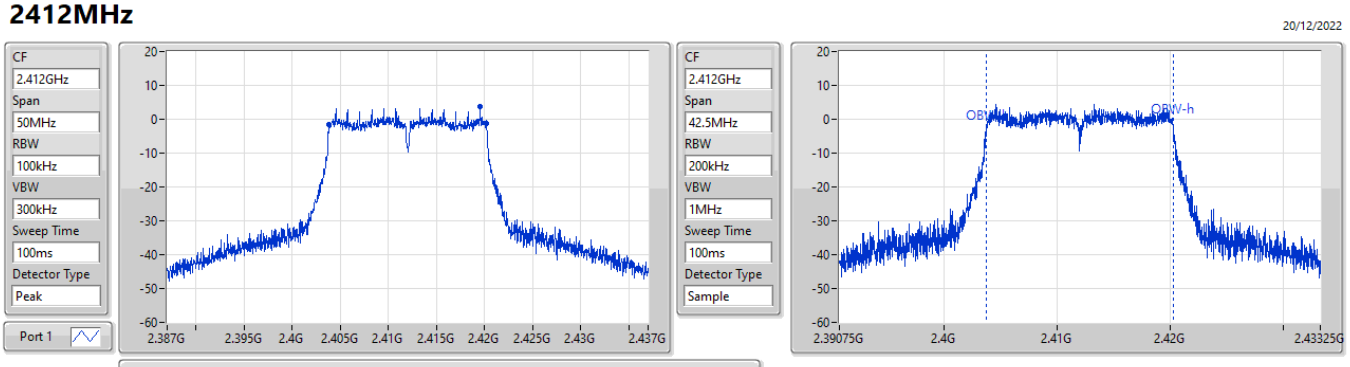
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
10.05M	2.456975G	2.467025G	13.493M	2.455246G	2.468739G	500k	1

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

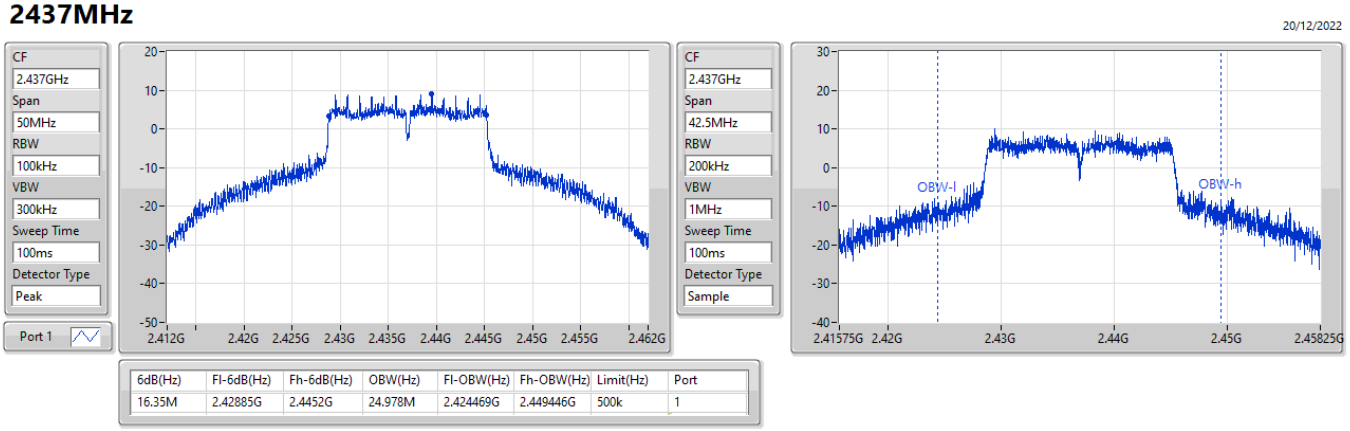
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	2.40385G	2.420175G	16.524M	2.403738G	2.420262G	500k	1

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

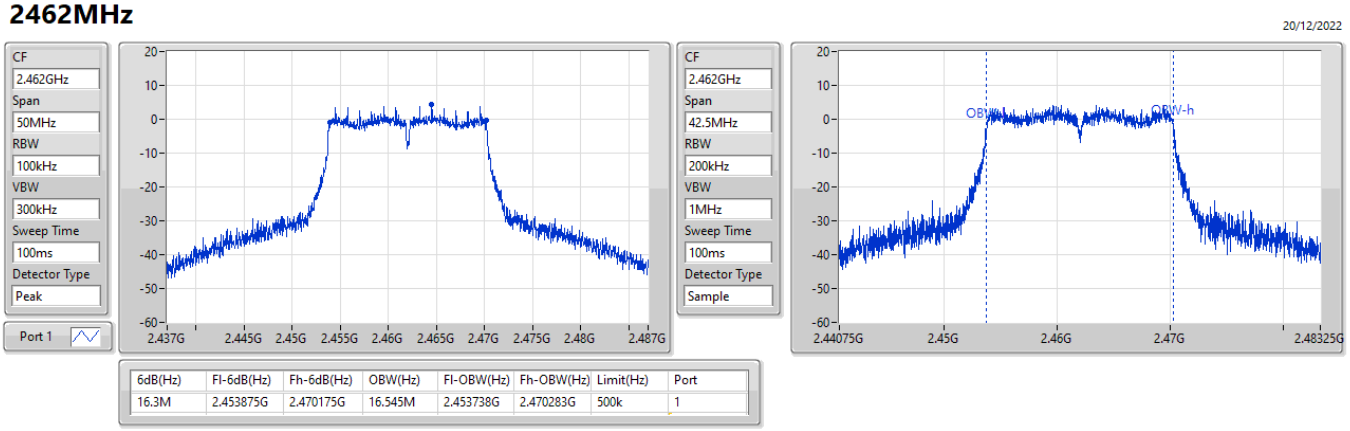
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.42885G	2.4452G	24.978M	2.424469G	2.449446G	500k	1

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

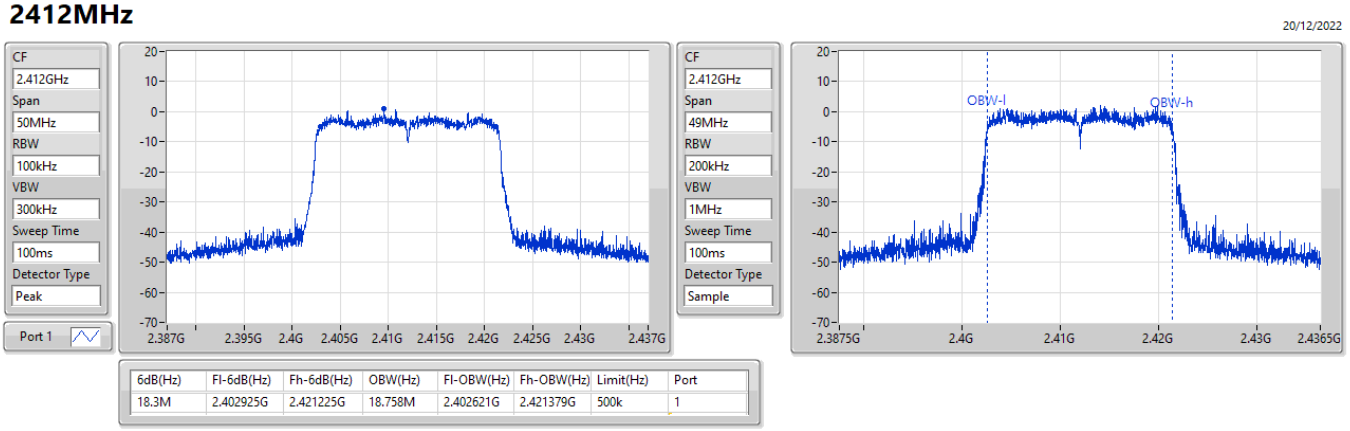
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.453875G	2.470175G	16.545M	2.453738G	2.470283G	500k	1

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

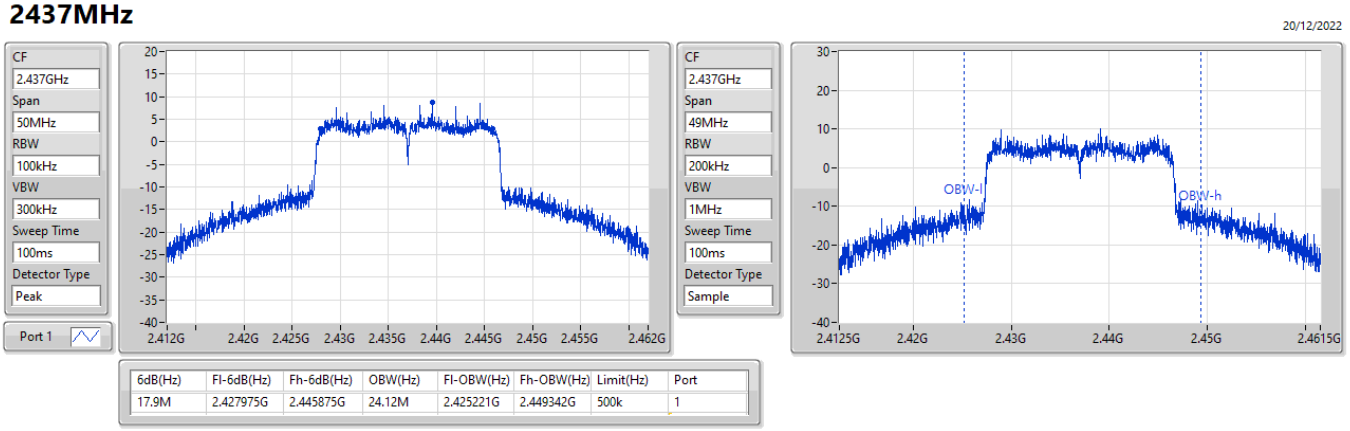
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.3M	2.402925G	2.421225G	18.758M	2.402621G	2.421379G	500k	1

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

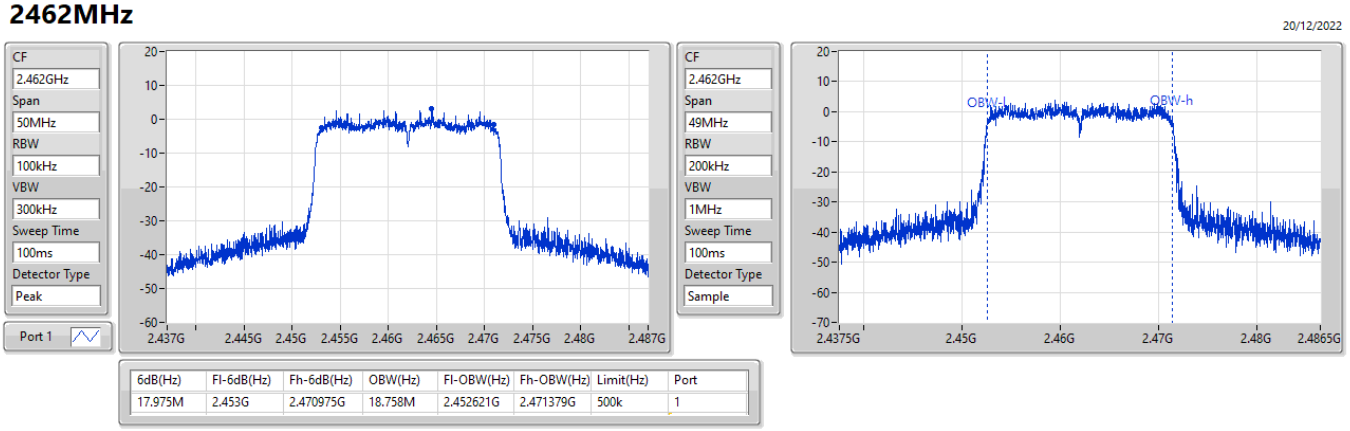
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.9M	2.427975G	2.445875G	24.12M	2.425221G	2.449342G	500k	1

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

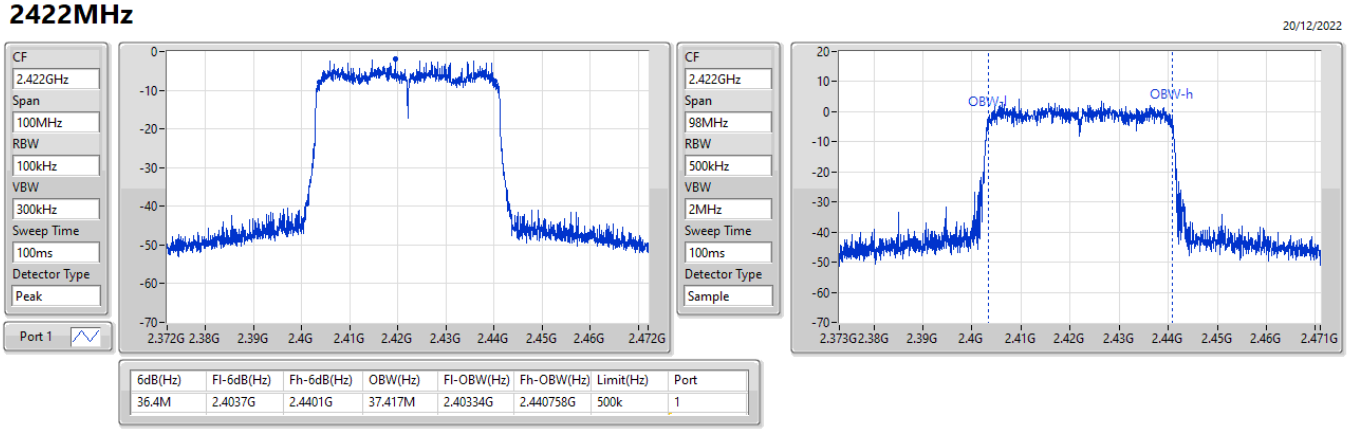
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.975M	2.453G	2.470975G	18.758M	2.452621G	2.471379G	500k	1

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2422MHz

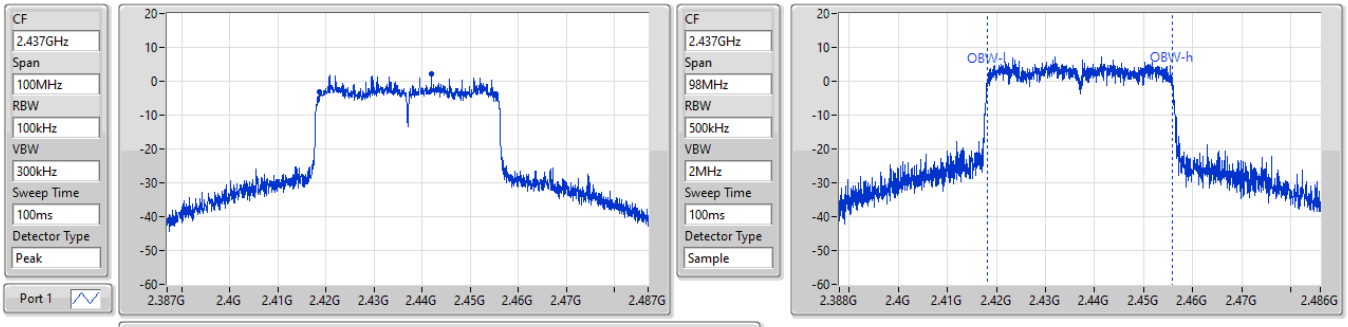


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.4M	2.4037G	2.4401G	37.417M	2.40334G	2.440758G	500k	1

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2437MHz

20/12/2022

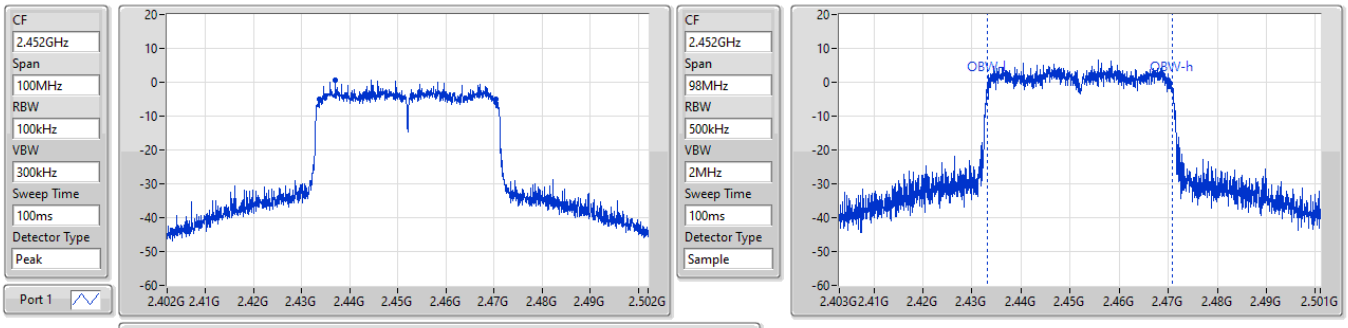


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.65M	2.4186G	2.45525G	37.564M	2.418193G	2.455758G	500k	1

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX EBW

2452MHz

20/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.7M	2.4337G	2.4704G	37.515M	2.433242G	2.470758G	500k	1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_1TX	18.23	0.06653
802.11g_Nss1,(6Mbps)_1TX	20.58	0.11429
802.11ax HEW20_Nss1,(MCS0)_1TX	20.29	0.10691
802.11ax HEW40_Nss1,(MCS0)_1TX	16.84	0.04831

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	14.49	14.49	30.00
2417MHz	Pass	2.98	17.87	17.87	30.00
2437MHz	Pass	2.98	18.23	18.23	30.00
2462MHz	Pass	2.98	15.93	15.93	30.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	15.76	15.76	30.00
2417MHz	Pass	2.98	16.81	16.81	30.00
2437MHz	Pass	2.98	20.58	20.58	30.00
2457MHz	Pass	2.98	17.06	17.06	30.00
2462MHz	Pass	2.98	16.01	16.01	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	13.40	13.40	30.00
2417MHz	Pass	2.98	16.61	16.61	30.00
2437MHz	Pass	2.98	20.29	20.29	30.00
2457MHz	Pass	2.98	16.04	16.04	30.00
2462MHz	Pass	2.98	15.16	15.16	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.98	13.57	13.57	30.00
2437MHz	Pass	2.98	16.84	16.84	30.00
2452MHz	Pass	2.98	15.73	15.73	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
ax20,RU106_20MHz_Nss1,(MCS0)_1TX	9.42	0.00875
ax20,RU26_20MHz_Nss1,(MCS0)_1TX	5.18	0.00330
ax20,RU52_20MHz_Nss1,(MCS0)_1TX	8.19	0.00659
ax40,RU242_40MHz_Nss1,(MCS0)_1TX	9.52	0.00895

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
ax20,RU26_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	3.33	3.33	30.00
2462MHz	Pass	2.98	5.18	5.18	30.00
ax20,RU52_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	6.44	6.44	30.00
2462MHz	Pass	2.98	8.19	8.19	30.00
ax20,RU106_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	8.60	8.60	30.00
2462MHz	Pass	2.98	9.42	9.42	30.00
ax40,RU242_40MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.98	8.68	8.68	30.00
2452MHz	Pass	2.98	9.52	9.52	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_1TX	-6.92
802.11g_Nss1,(6Mbps)_1TX	-6.45
802.11ax HEW20_Nss1,(MCS0)_1TX	-7.18
802.11ax HEW40_Nss1,(MCS0)_1TX	-13.47

RBW = 3kHz;

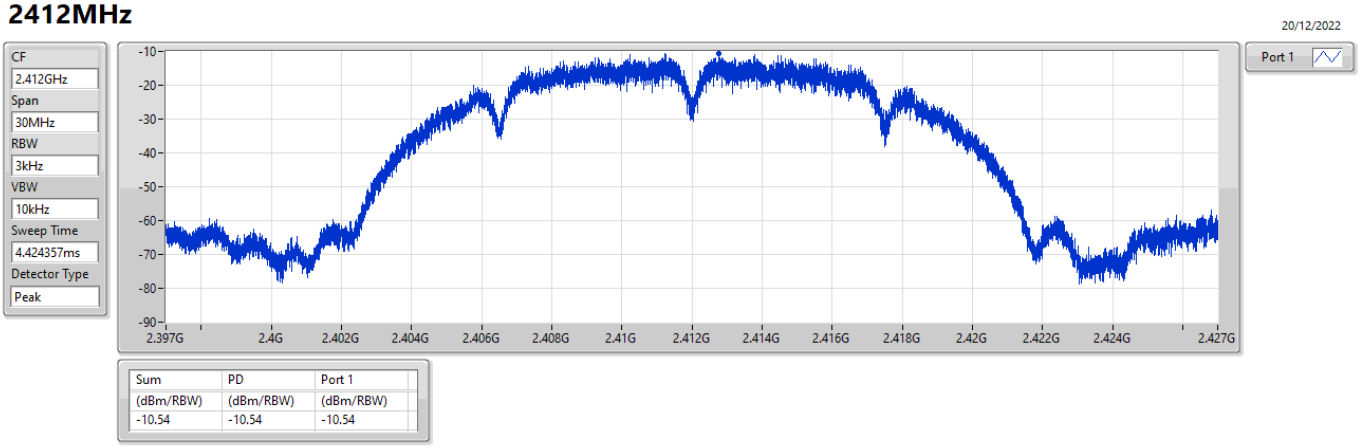
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-10.54	-10.54	8.00
2437MHz	Pass	2.98	-6.92	-6.92	8.00
2462MHz	Pass	2.98	-9.89	-9.89	8.00
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-10.75	-10.75	8.00
2437MHz	Pass	2.98	-6.45	-6.45	8.00
2462MHz	Pass	2.98	-11.32	-11.32	8.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-14.85	-14.85	8.00
2437MHz	Pass	2.98	-7.18	-7.18	8.00
2462MHz	Pass	2.98	-12.49	-12.49	8.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.98	-17.20	-17.20	8.00
2437MHz	Pass	2.98	-13.47	-13.47	8.00
2452MHz	Pass	2.98	-14.31	-14.31	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;

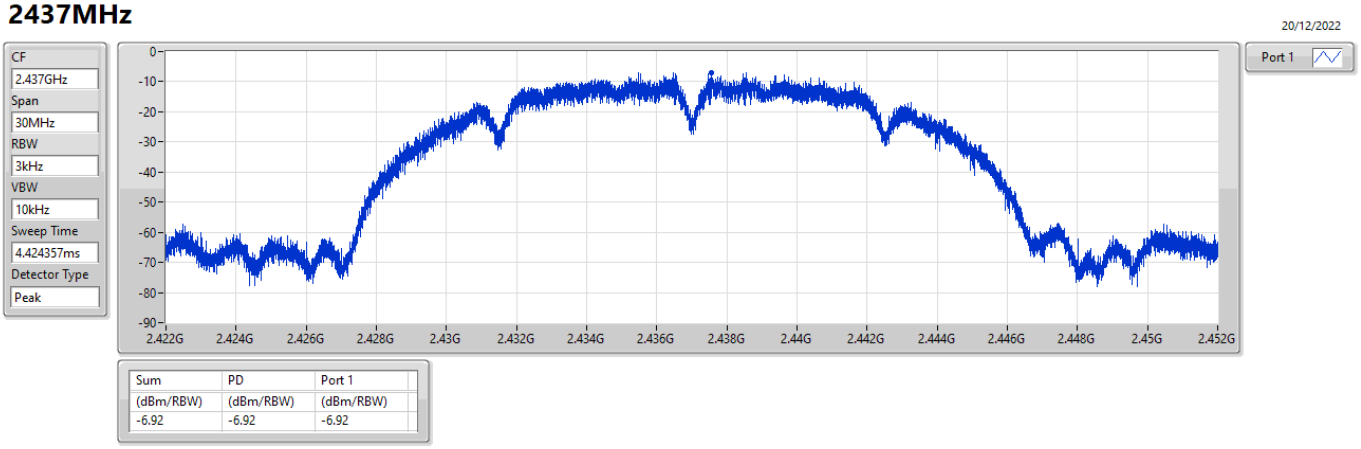
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2412MHz



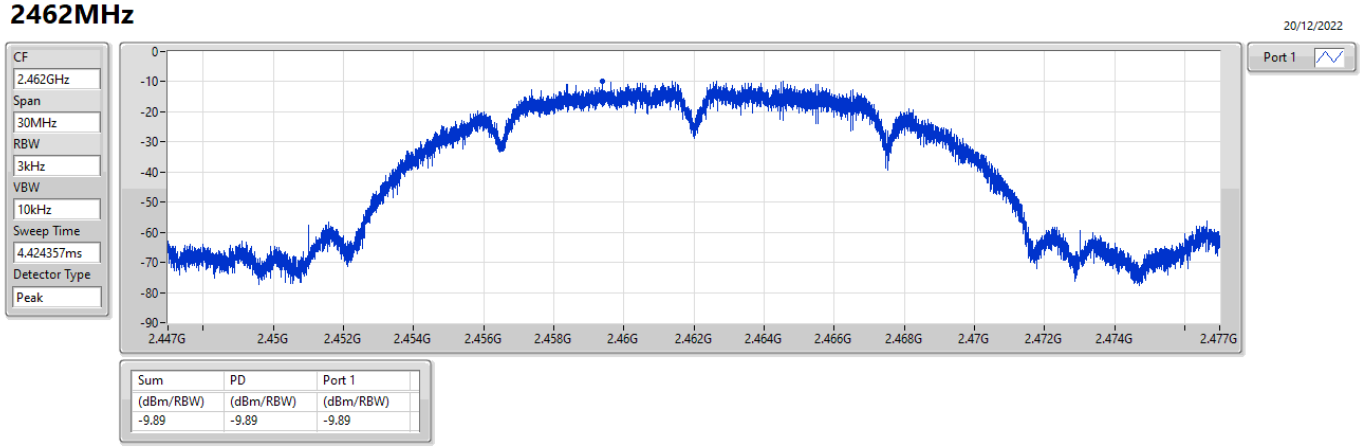
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2437MHz



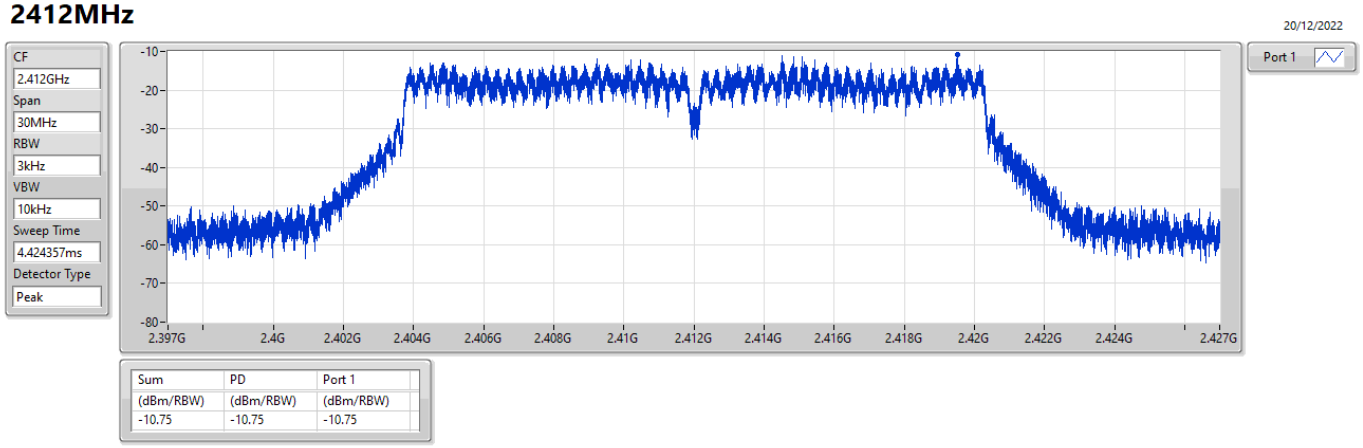
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_1TX **PSD**

2462MHz



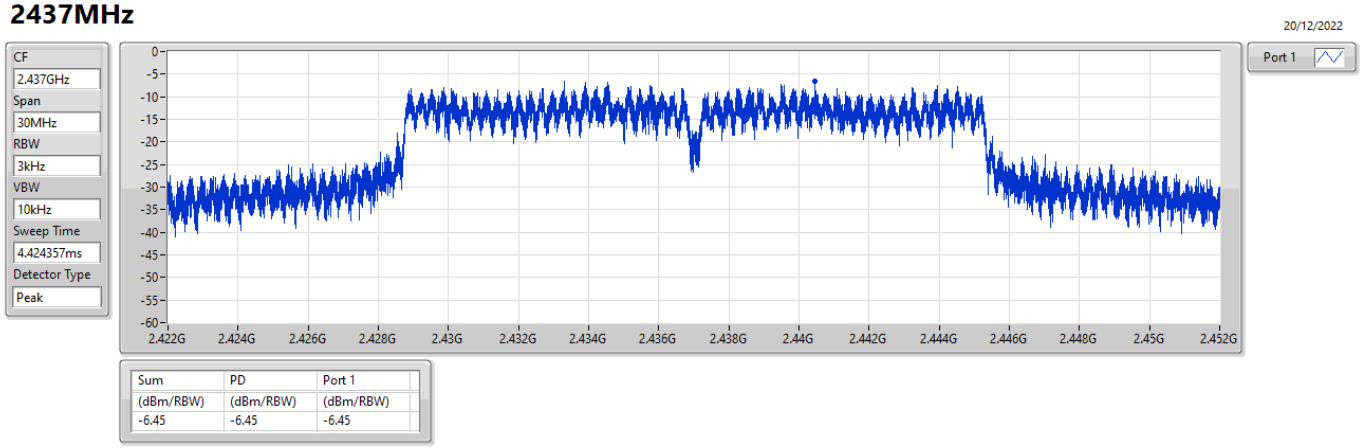
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2412MHz



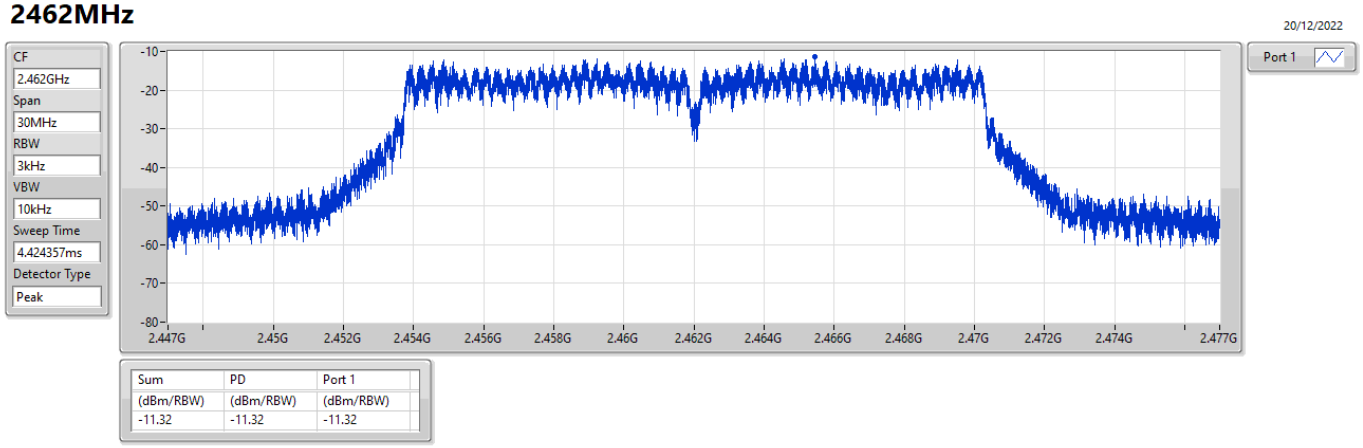
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2437MHz



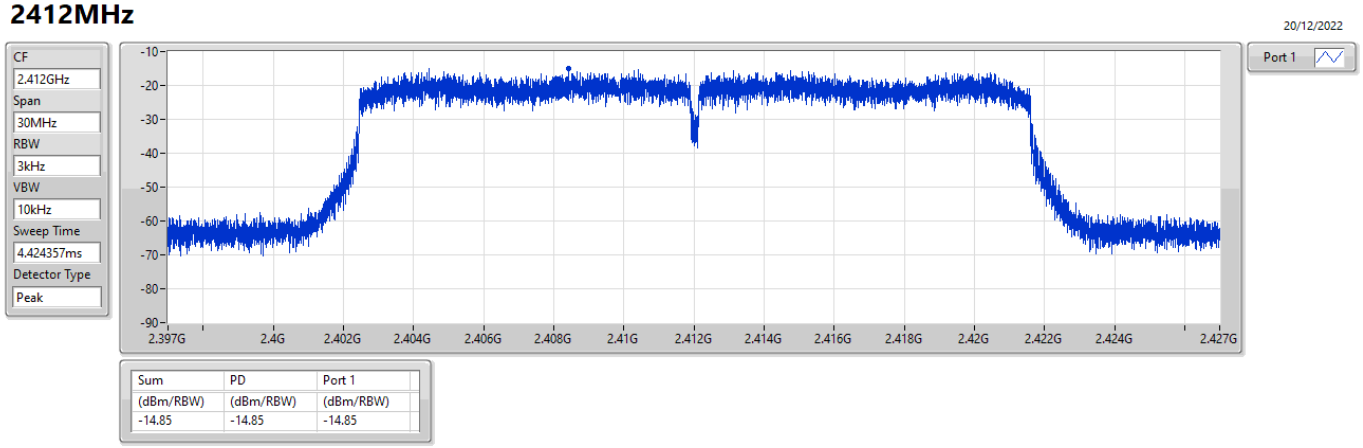
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_1TX **PSD**

2462MHz



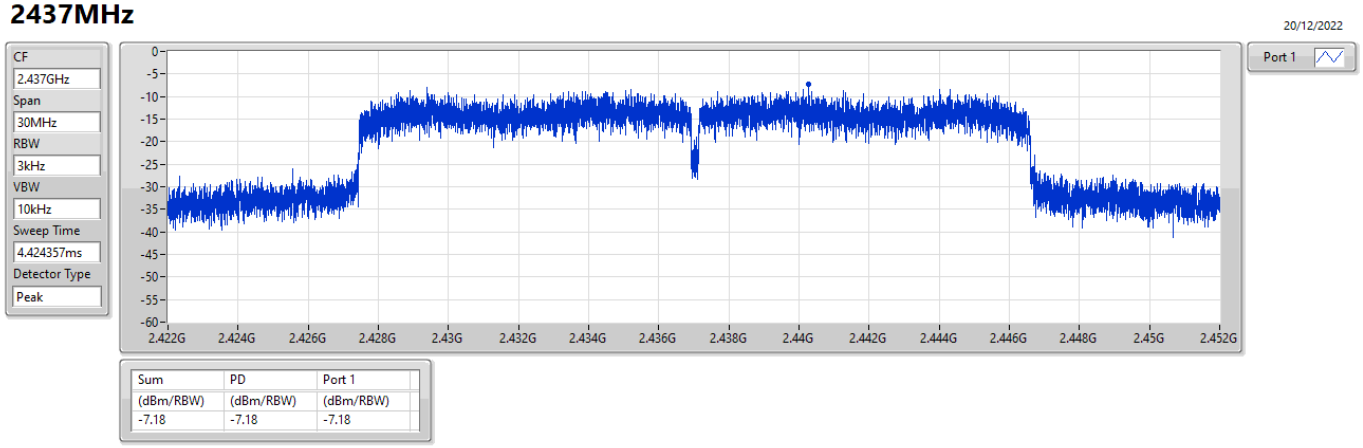
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2412MHz



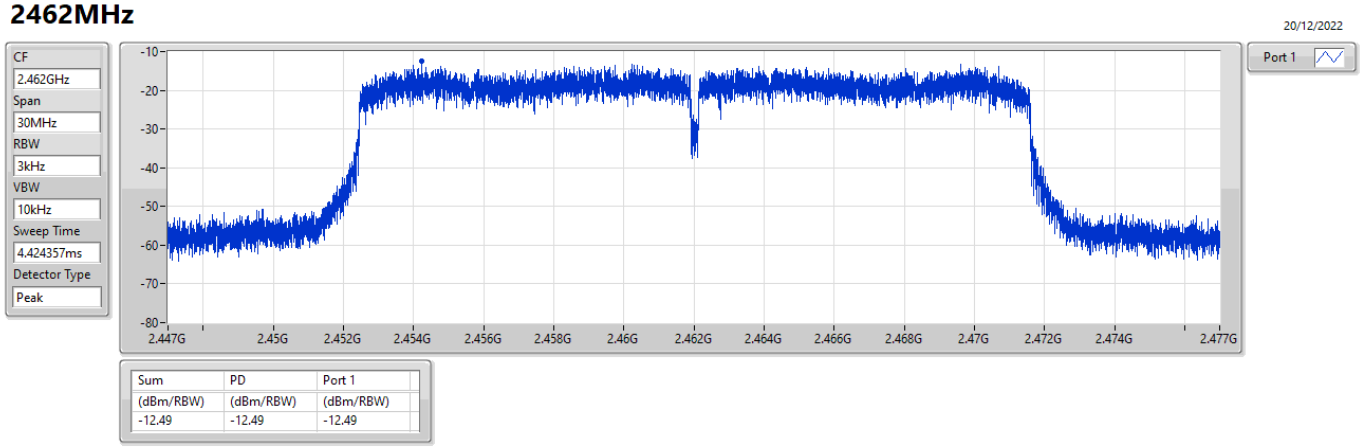
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2437MHz



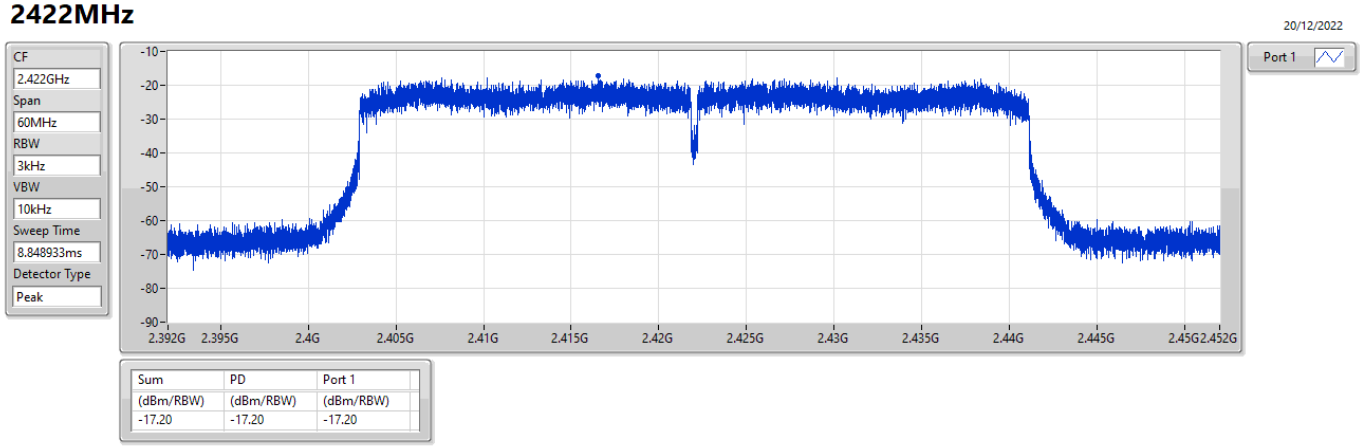
2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_1TX PSD

2462MHz



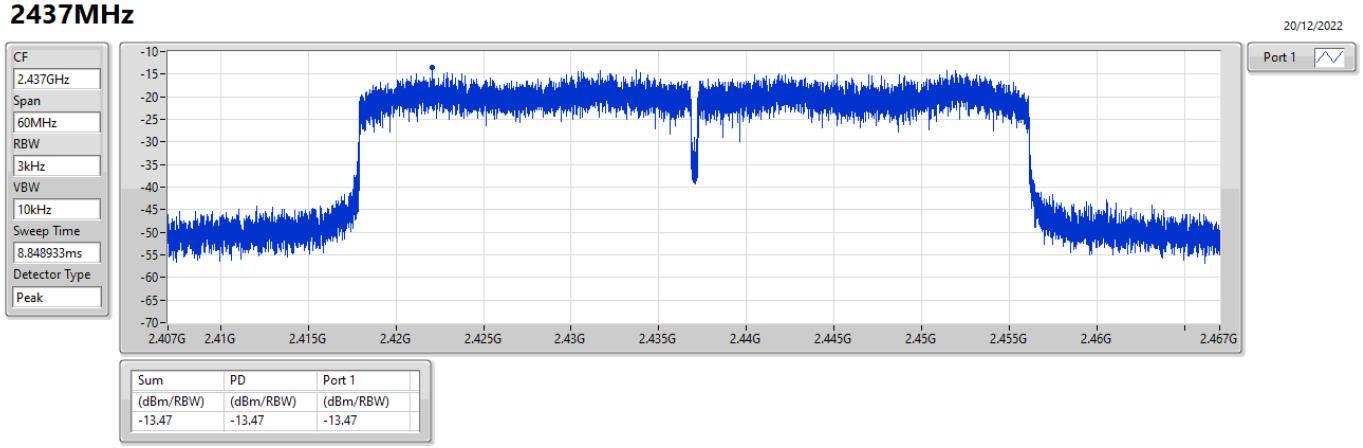
2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX PSD

2422MHz



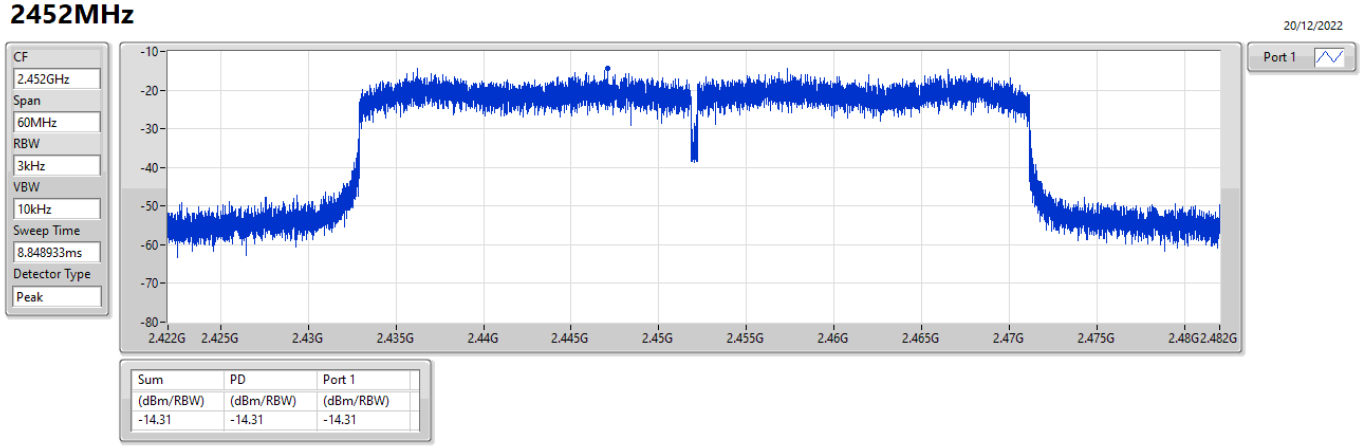
2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

2437MHz



2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

2452MHz



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
ax20,RU106_20MHz_Nss1,(MCS0)_1TX	-14.20
ax20,RU26_20MHz_Nss1,(MCS0)_1TX	-13.12
ax20,RU52_20MHz_Nss1,(MCS0)_1TX	-12.76
ax40,RU242_40MHz_Nss1,(MCS0)_1TX	-17.88

RBW = 3kHz;

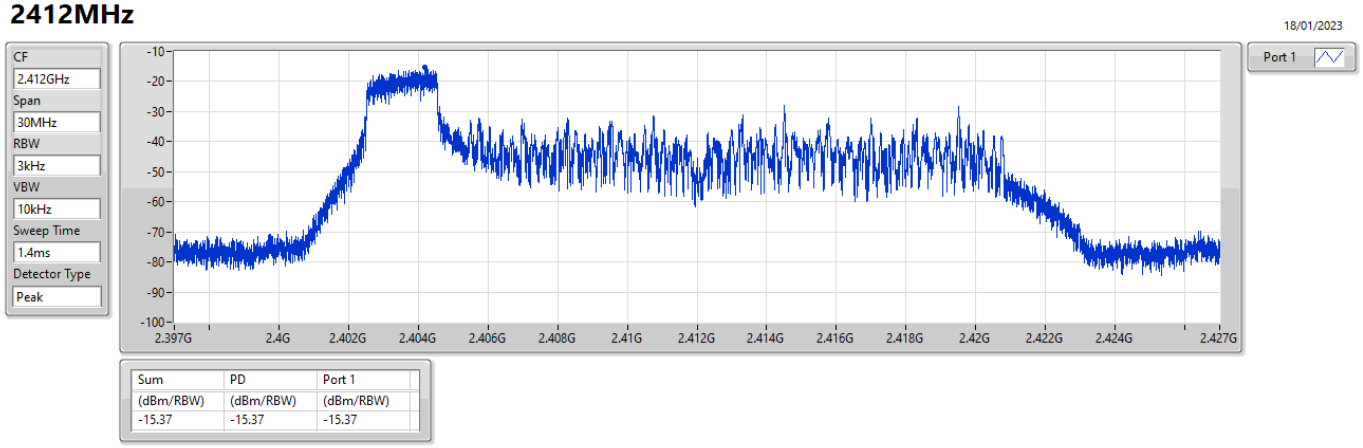
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
ax20,RU26_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-15.37	-15.37	8.00
2462MHz	Pass	2.98	-13.12	-13.12	8.00
ax20,RU52_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-15.57	-15.57	8.00
2462MHz	Pass	2.98	-12.76	-12.76	8.00
ax20,RU106_20MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2412MHz	Pass	2.98	-14.86	-14.86	8.00
2462MHz	Pass	2.98	-14.20	-14.20	8.00
ax40,RU242_40MHz_Nss1,(MCS0)_1TX	-	-	-	-	-
2422MHz	Pass	2.98	-17.88	-17.88	8.00
2452MHz	Pass	2.98	-18.12	-18.12	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_ax20,RU26_20MHz_Nss1,(MCS0)_1TX **PSD**

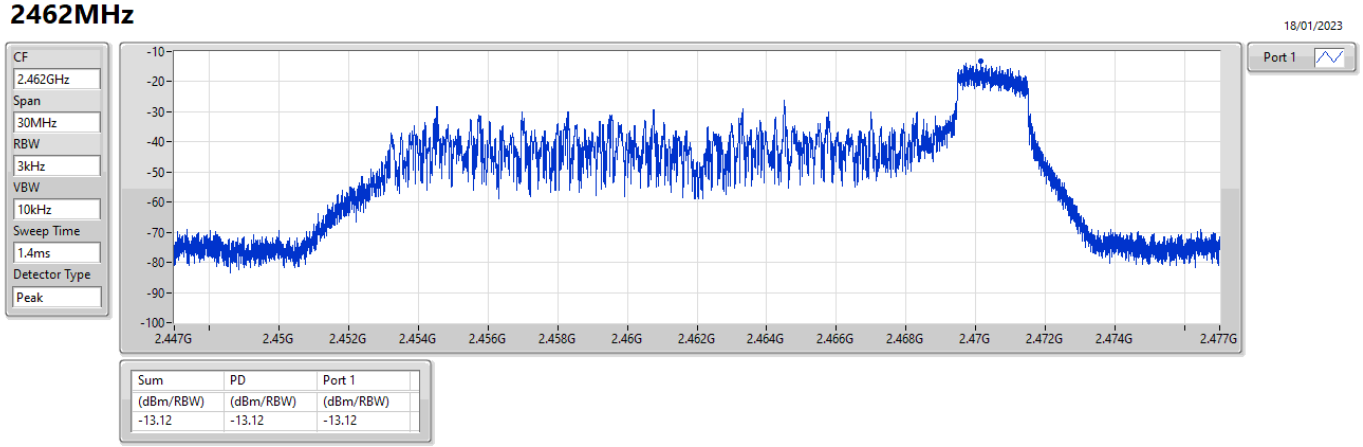
2412MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.37	-15.37	-15.37

2.4-2.4835GHz_ax20,RU26_20MHz_Nss1,(MCS0)_1TX **PSD**

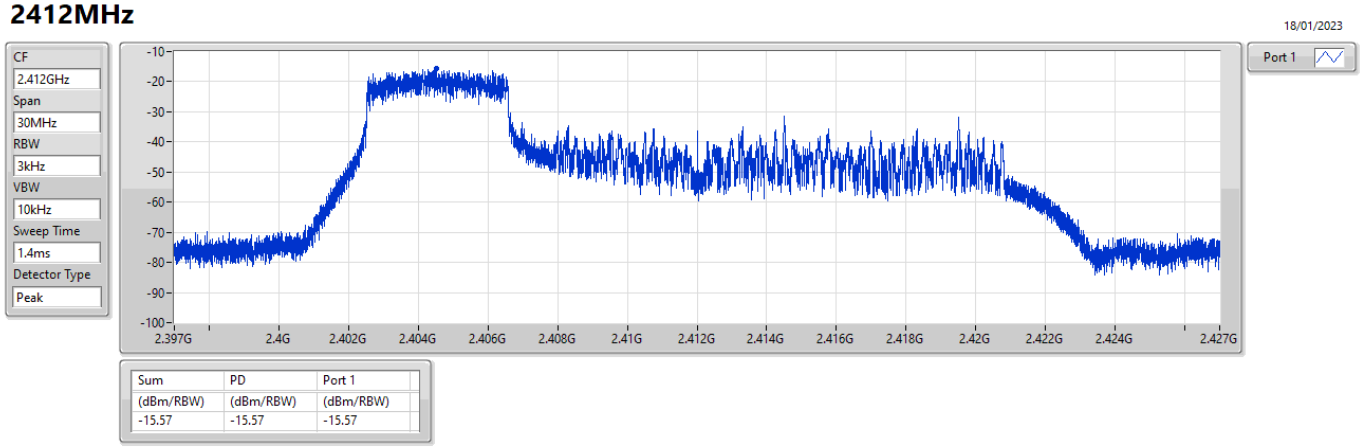
2462MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.12	-13.12	-13.12

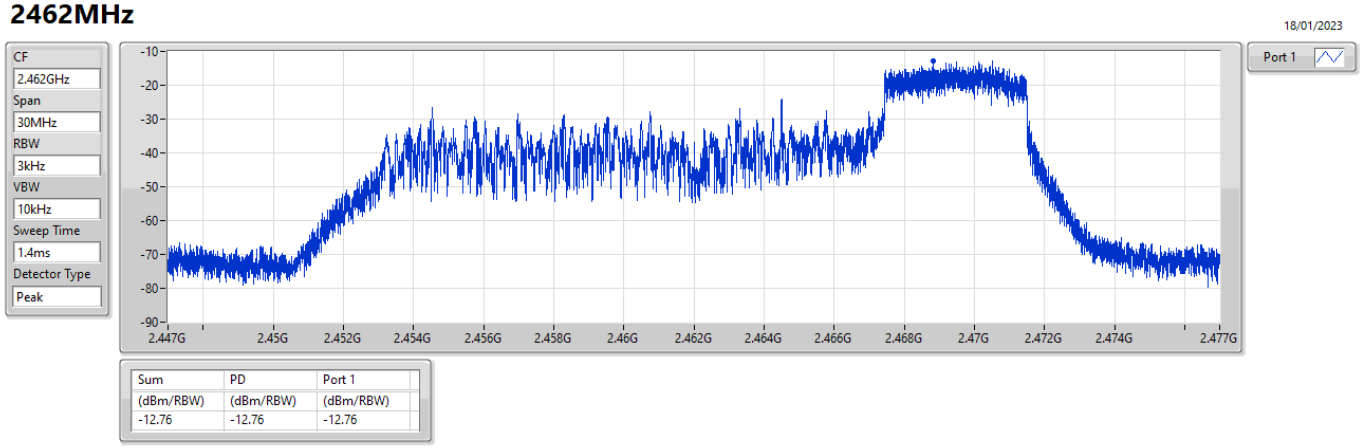
2.4-2.4835GHz_ax20,RU52_20MHz_Nss1,(MCS0)_1TX **PSD**

2412MHz



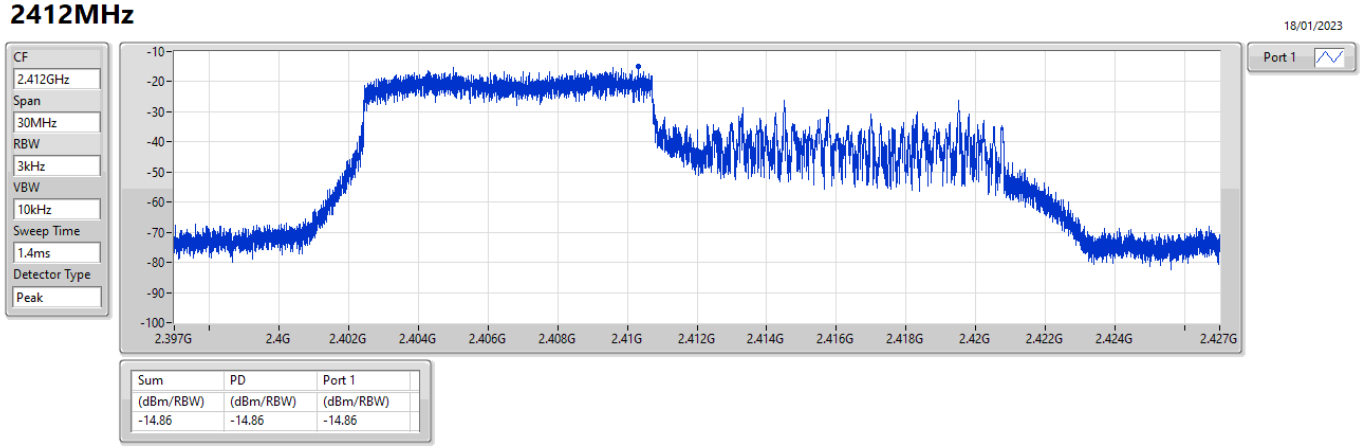
2.4-2.4835GHz_ax20,RU52_20MHz_Nss1,(MCS0)_1TX **PSD**

2462MHz



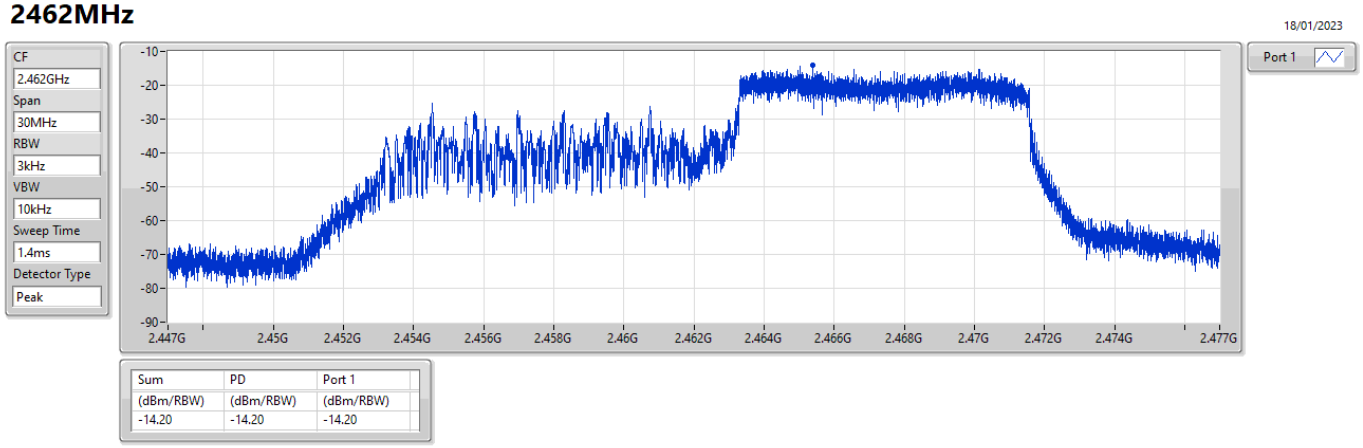
2.4-2.4835GHz_ax20,RU106_20MHz_Nss1,(MCS0)_1TX **PSD**

2412MHz



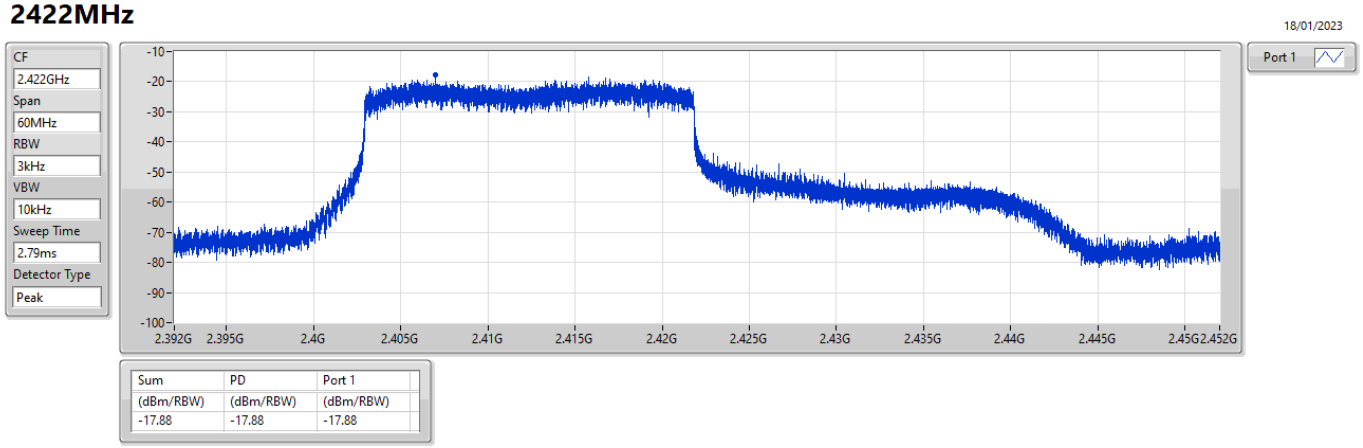
2.4-2.4835GHz_ax20,RU106_20MHz_Nss1,(MCS0)_1TX **PSD**

2462MHz



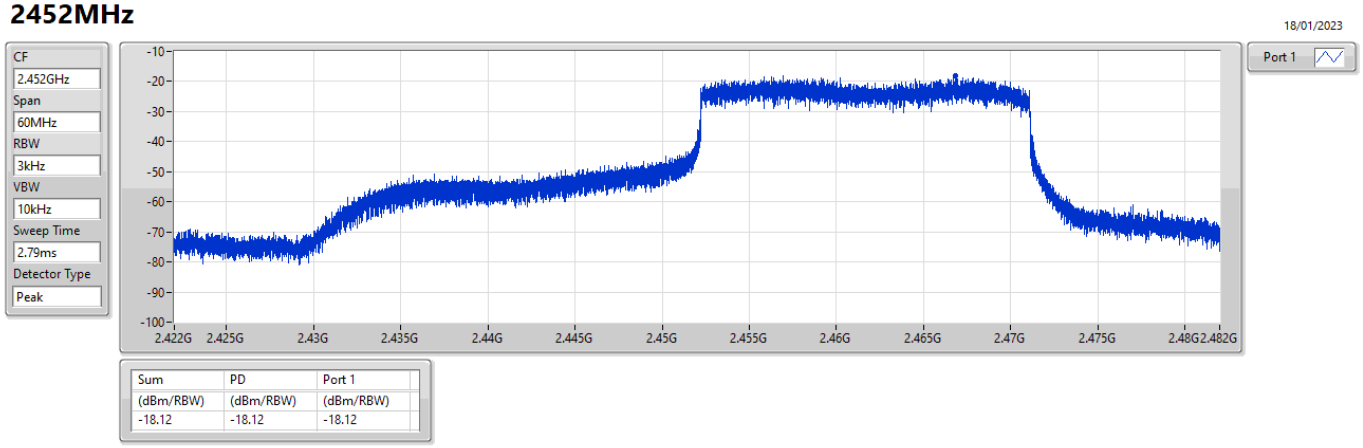
2.4-2.4835GHz_ax40,RU242_40MHz_Nss1,(MCS0)_1TX **PSD**

2422MHz



2.4-2.4835GHz_ax40,RU242_40MHz_Nss1,(MCS0)_1TX **PSD**

2452MHz



Summary

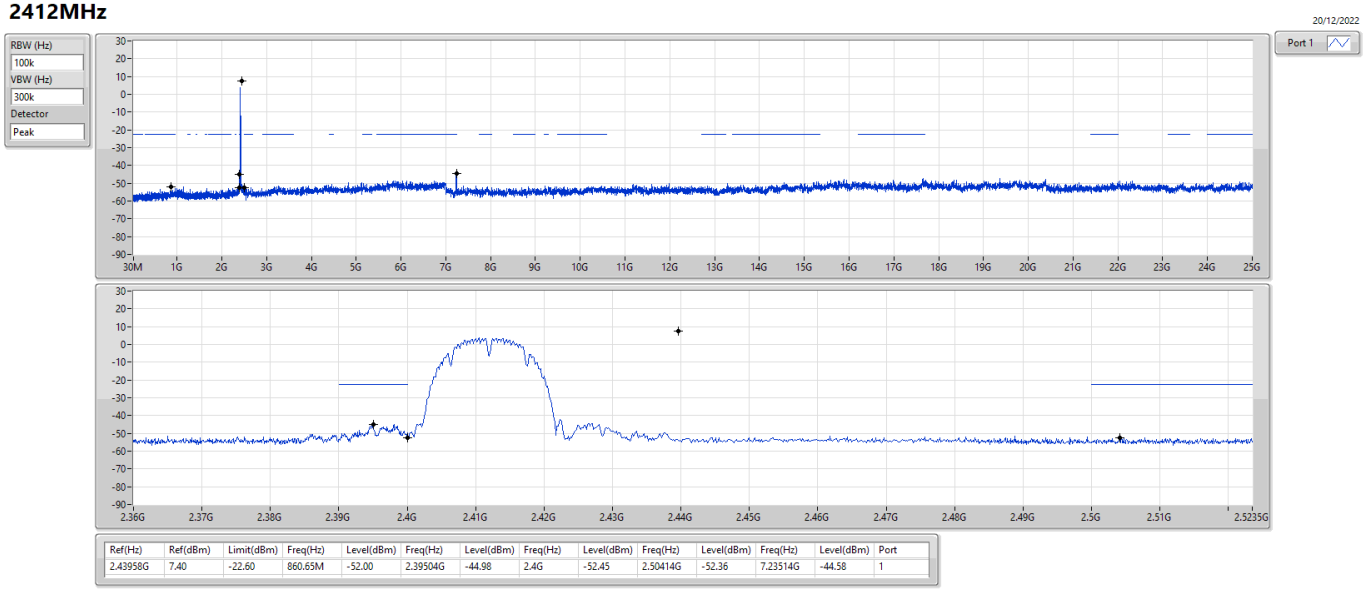
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_1TX	Pass	2.43958G	7.40	-22.60	860.65M	-52.00	2.39504G	-44.98	2.4G	-52.45	2.50414G	-52.36	7.23514G	-44.58	1
802.11g_Nss1,(6Mbps)_1TX	Pass	2.43958G	9.23	-20.77	2.03031G	-52.73	2.39896G	-31.53	2.4G	-31.59	2.51726G	-51.22	7.23795G	-41.74	1
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	2.43457G	7.99	-22.01	2.30991G	-52.02	2.39712G	-35.30	2.4G	-36.53	2.50382G	-43.11	6.40912G	-47.84	1
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	2.44208G	2.11	-27.89	1.74178G	-52.91	2.39936G	-30.34	2.4G	-33.37	2.50542G	-43.76	16.91445G	-47.36	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	2.43958G	7.40	-22.60	860.65M	-52.00	2.39504G	-44.98	2.4G	-52.45	2.50414G	-52.36	7.23514G	-44.58	1
2437MHz	Pass	2.43958G	7.40	-22.60	2.1072G	-52.76	2.39192G	-52.21	2.4G	-55.16	2.50774G	-51.33	16.59098G	-48.45	1
2462MHz	Pass	2.43958G	7.40	-22.60	2.16428G	-53.03	2.4G	-52.83	2.4G	-54.54	2.50526G	-51.37	15.32949G	-48.08	1
802.11g_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	9.23	-20.77	2.03031G	-52.73	2.39896G	-31.53	2.4G	-31.59	2.51726G	-51.22	7.23795G	-41.74	1
2437MHz	Pass	2.43958G	9.23	-20.77	1.97555G	-52.92	2.39896G	-33.87	2.4G	-35.81	2.50134G	-43.19	24.53361G	-48.20	1
2462MHz	Pass	2.43958G	9.23	-20.77	890.94M	-52.51	2.394G	-51.35	2.4G	-53.72	2.50006G	-49.01	17.61928G	-48.11	1
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43457G	7.99	-22.01	2.01633G	-52.99	2.39944G	-38.07	2.4G	-40.72	2.52326G	-52.42	6.99632G	-47.94	1
2437MHz	Pass	2.43457G	7.99	-22.01	2.30991G	-52.02	2.39712G	-35.30	2.4G	-36.53	2.50382G	-43.11	6.40912G	-47.84	1
2462MHz	Pass	2.43457G	7.99	-22.01	2.30991G	-52.94	2.39704G	-52.48	2.4G	-54.85	2.5007G	-50.44	6.8727G	-47.77	1
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44208G	2.11	-27.89	955.16M	-53.50	2.39344G	-38.83	2.4G	-44.02	2.52206G	-51.35	16.32829G	-46.65	1
2437MHz	Pass	2.44208G	2.11	-27.89	1.74178G	-52.91	2.39936G	-30.34	2.4G	-33.37	2.50542G	-43.76	16.91445G	-47.36	1
2452MHz	Pass	2.44208G	2.11	-27.89	2.30283G	-52.22	2.39616G	-42.28	2.4G	-45.89	2.5003G	-40.73	17.68009G	-47.72	1

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

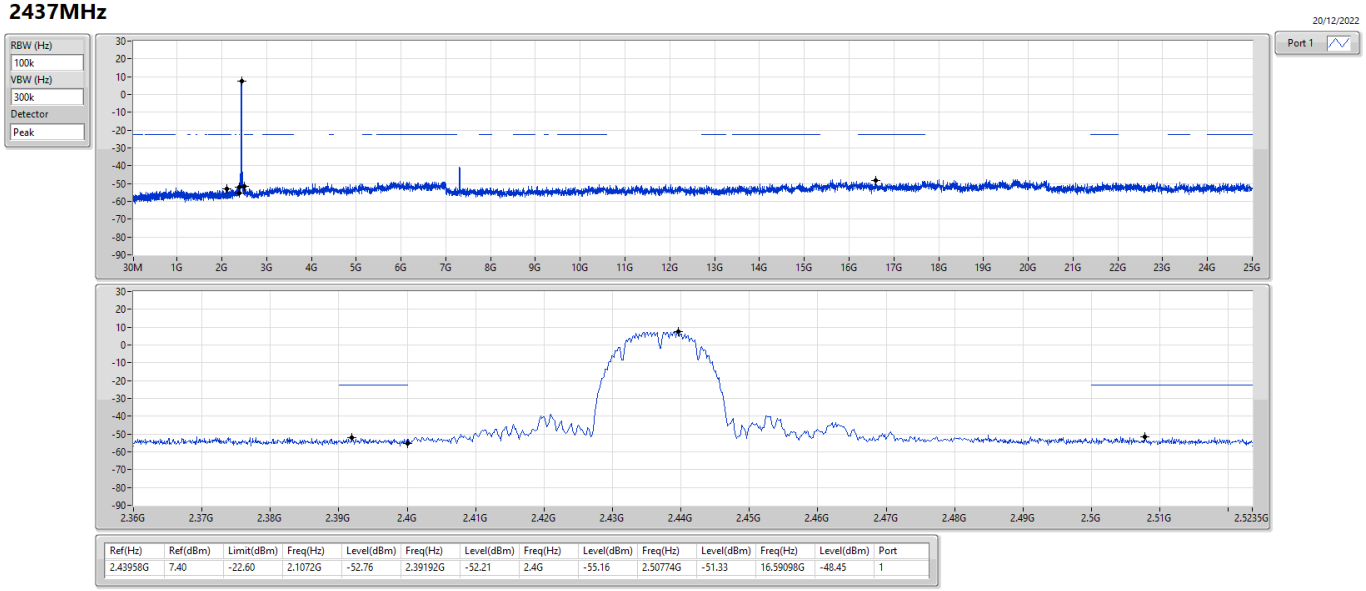
2412MHz



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
2.43958G	7.40	-22.60	860.65M	-52.00	2.39504G	-44.98	2.4G	-52.45	2.50414G	-52.36	7.23514G	-44.58	1

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

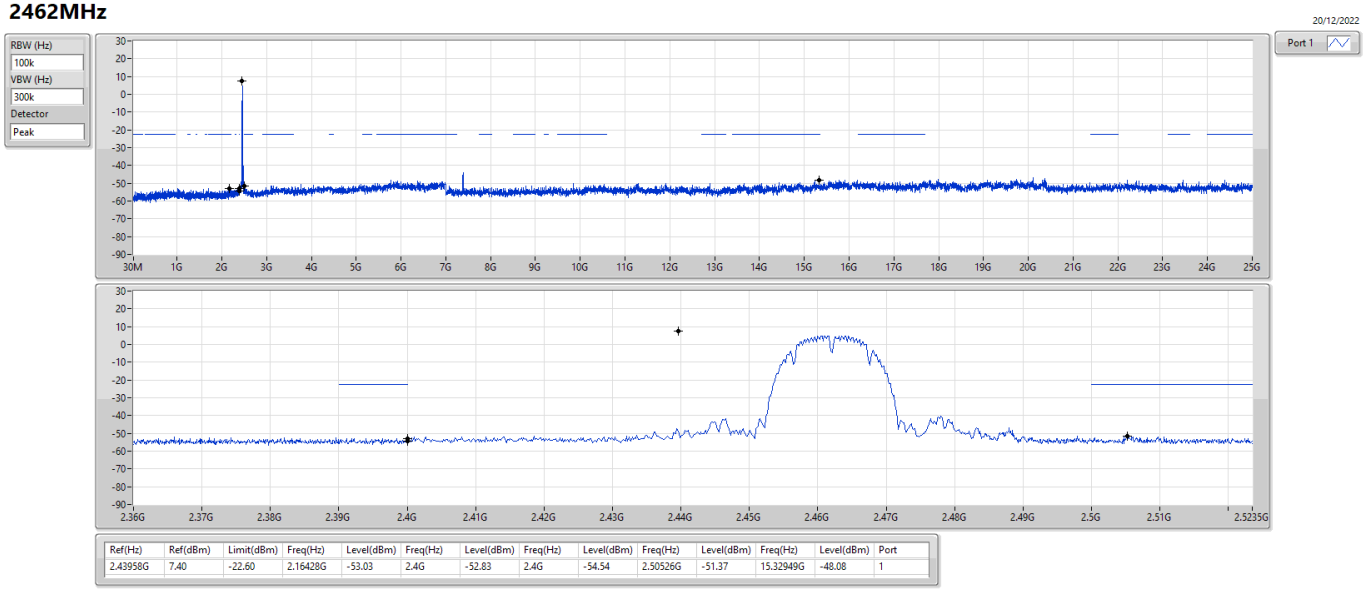
2437MHz



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
2.43958G	7.40	-22.60	2.1072G	-52.76	2.39192G	-52.21	2.4G	-55.16	2.50774G	-51.33	16.59098G	-48.45	1

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

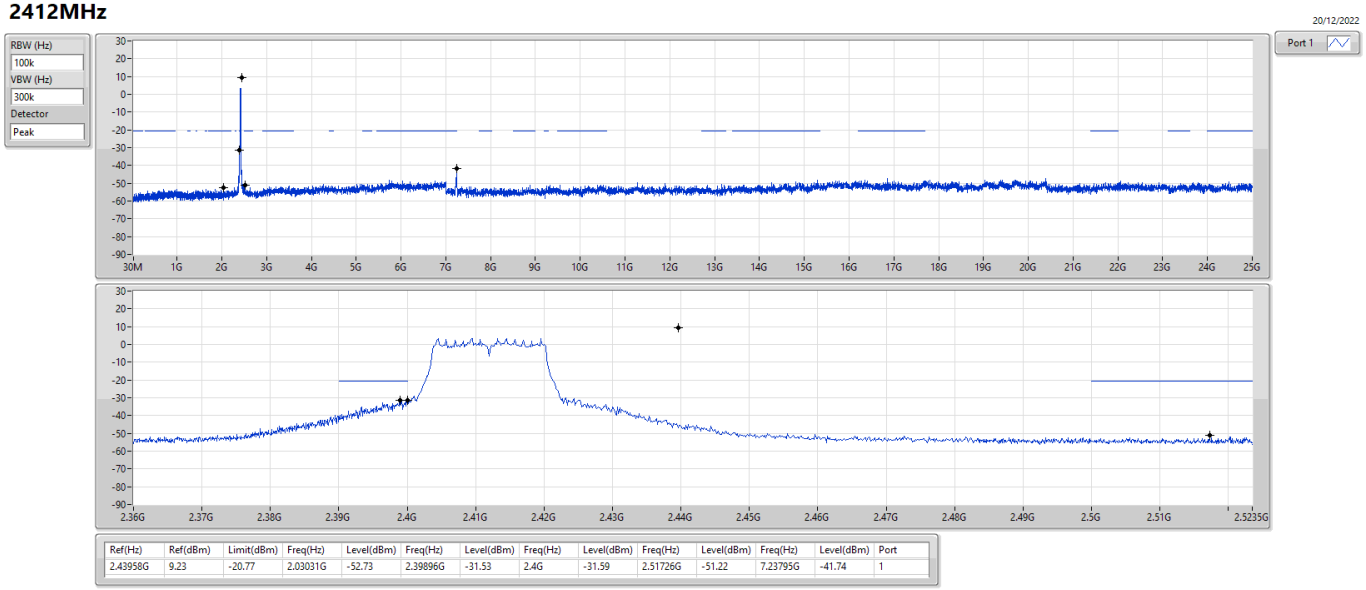
2462MHz



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
2.43958G	7.40	-22.60	2.16428G	-53.03	2.4G	-52.83	2.4G	-54.54	2.50526G	-51.37	15.32949G	-48.08	1

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

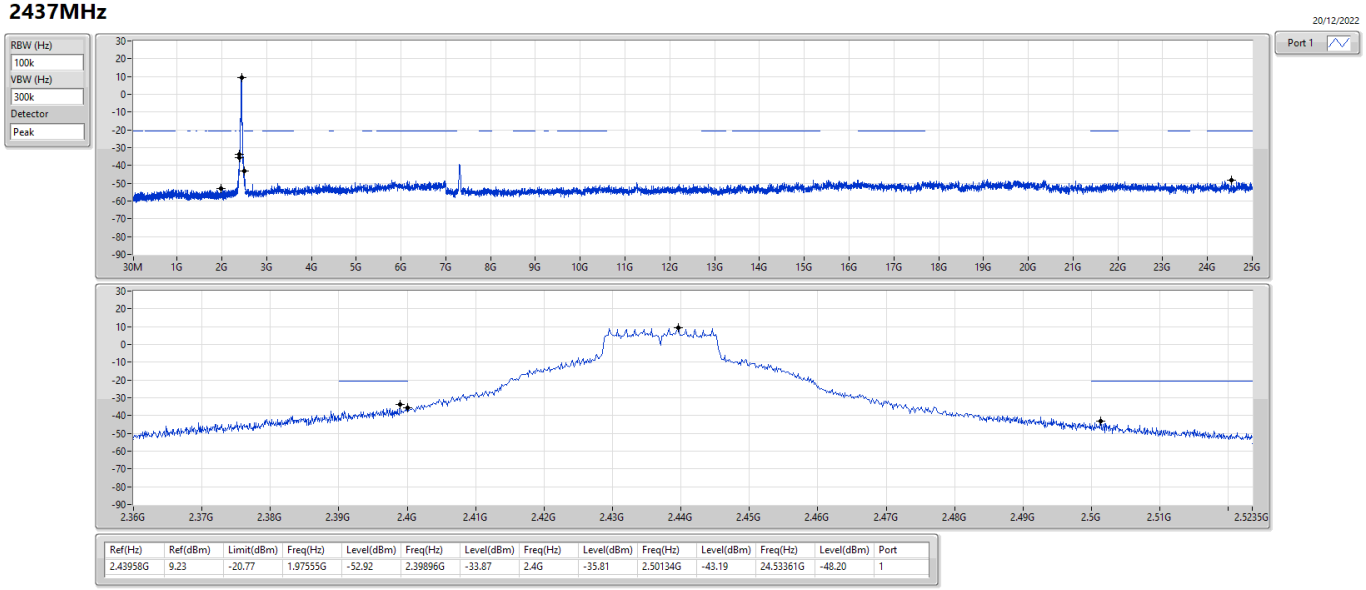
2412MHz



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
2.43958G	9.23	-20.77	2.03031G	-52.73	2.39896G	-31.53	2.4G	-31.59	2.51726G	-51.22	7.23795G	-41.74	1

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

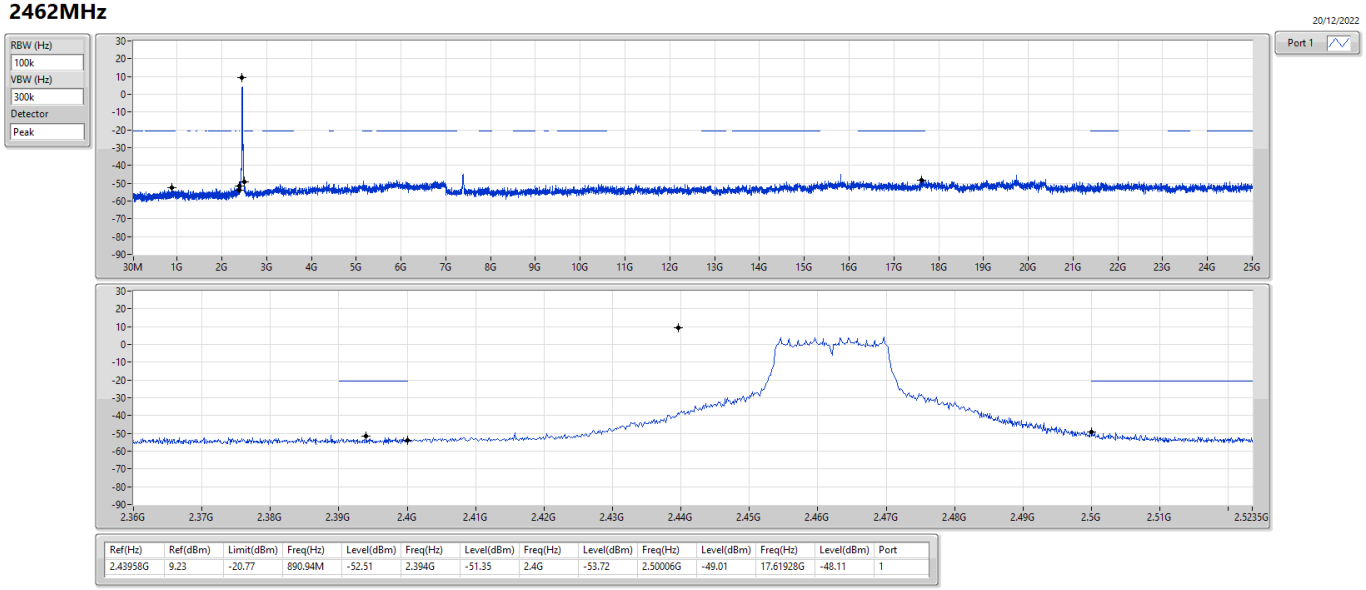
2437MHz



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
2.43958G	9.23	-20.77	1.97555G	-52.92	2.39896G	-33.87	2.4G	-35.81	2.50134G	-43.19	24.53361G	-48.20	1

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

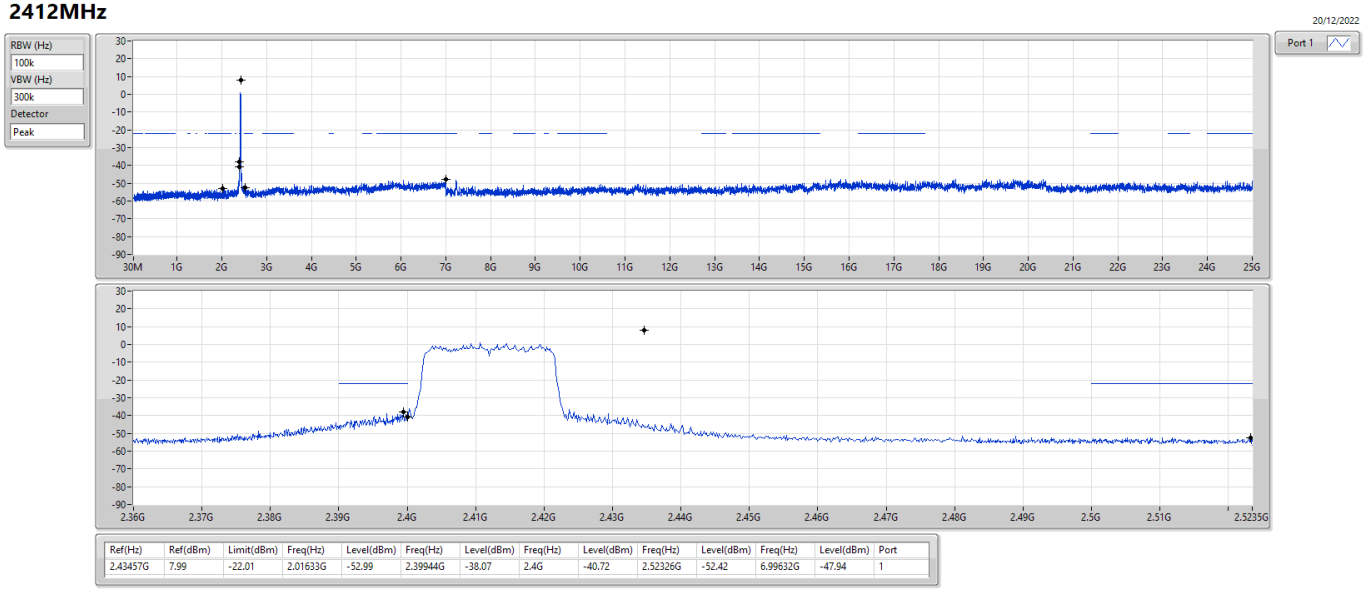
2462MHz



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
2.43958G	9.23	-20.77	890.94M	-52.51	2.394G	-51.35	2.4G	-53.72	2.50006G	-49.01	17.61928G	-48.11	1

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

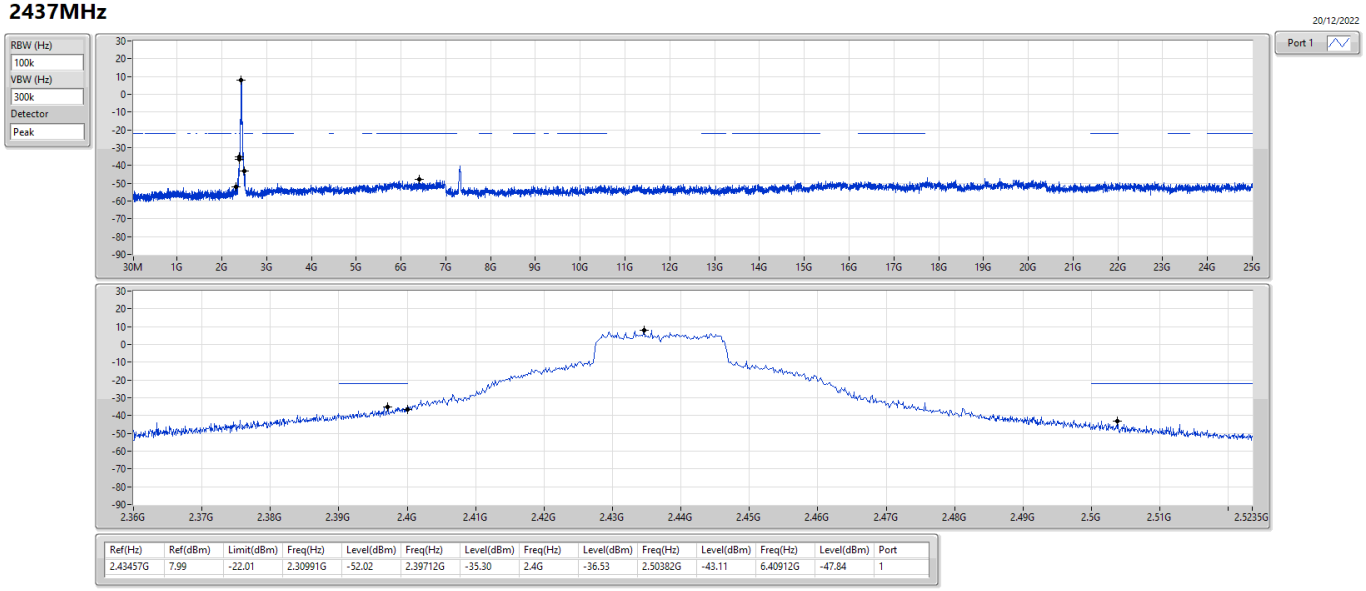
2412MHz



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
2.43457G	7.99	-22.01	2.01633G	-52.99	2.39944G	-38.07	2.4G	-40.72	2.52326G	-52.42	6.99632G	-47.94	1

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

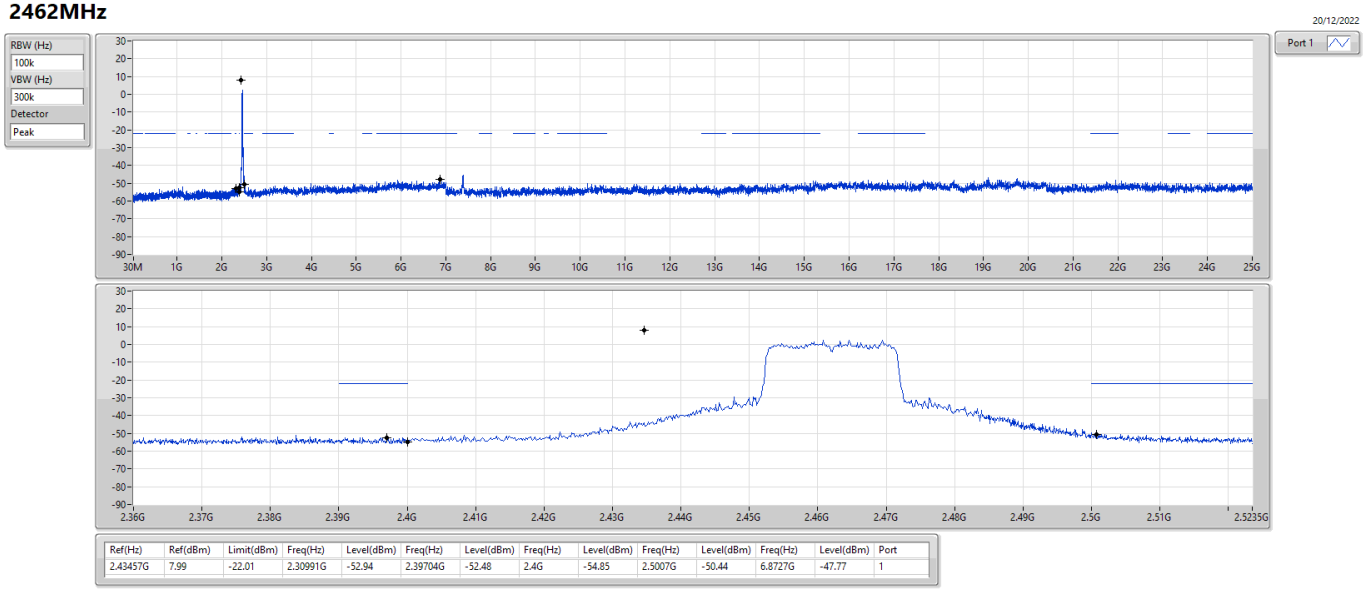
2437MHz



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
2.43457G	7.99	-22.01	2.30991G	-52.02	2.39712G	-35.30	2.4G	-36.53	2.50382G	-43.11	6.40912G	-47.84	1

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

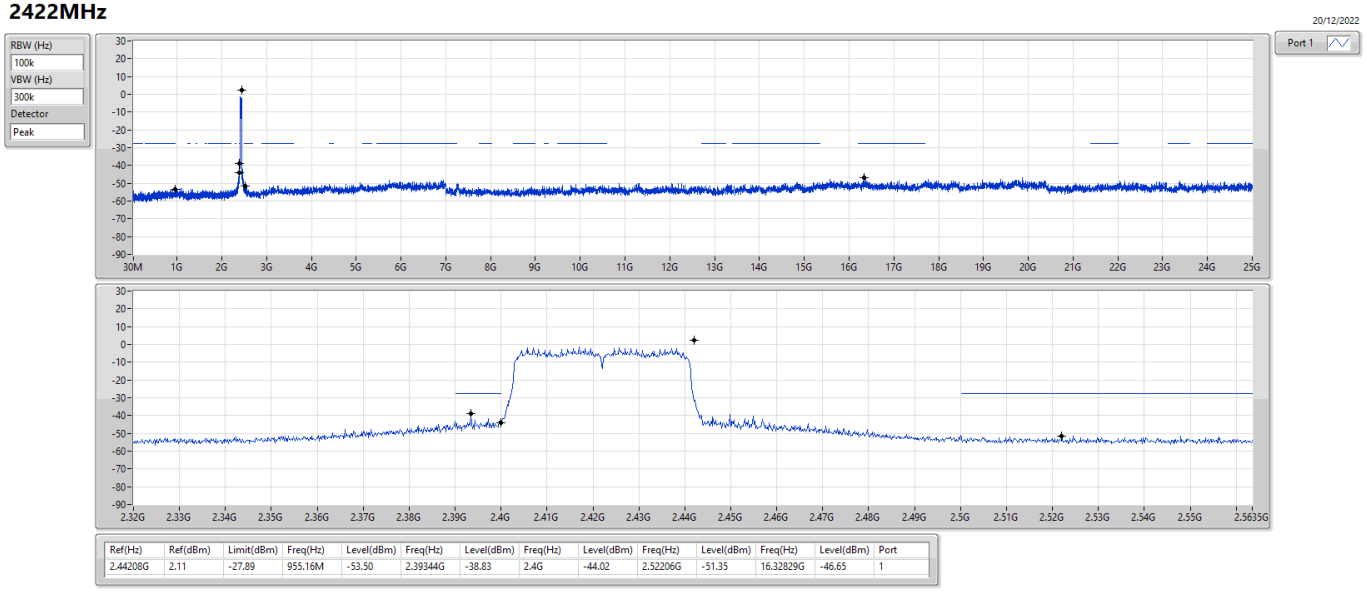
2462MHz



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
2.43457G	7.99	-22.01	2.30991G	-52.94	2.39704G	-52.48	2.4G	-54.85	2.5007G	-50.44	6.8727G	-47.77	1

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

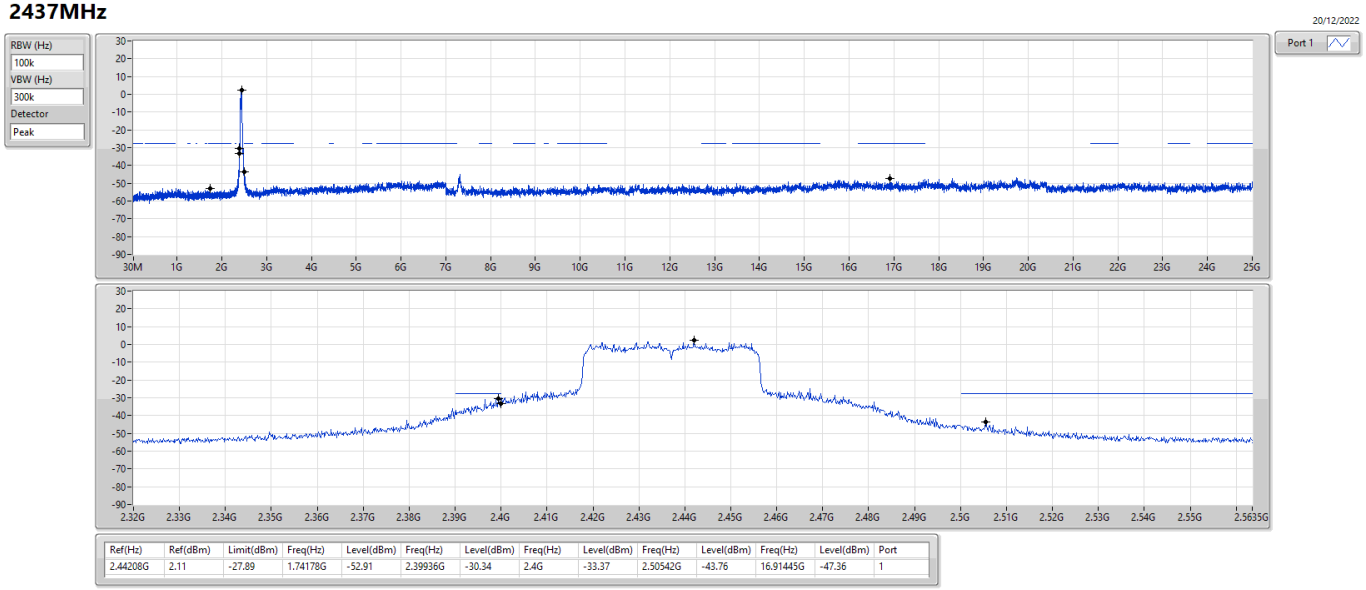
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	2.11	-27.89	955.16M	-53.50	2.39344G	-38.83	2.4G	-44.02	2.52206G	-51.35	16.32829G	-46.65	1

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

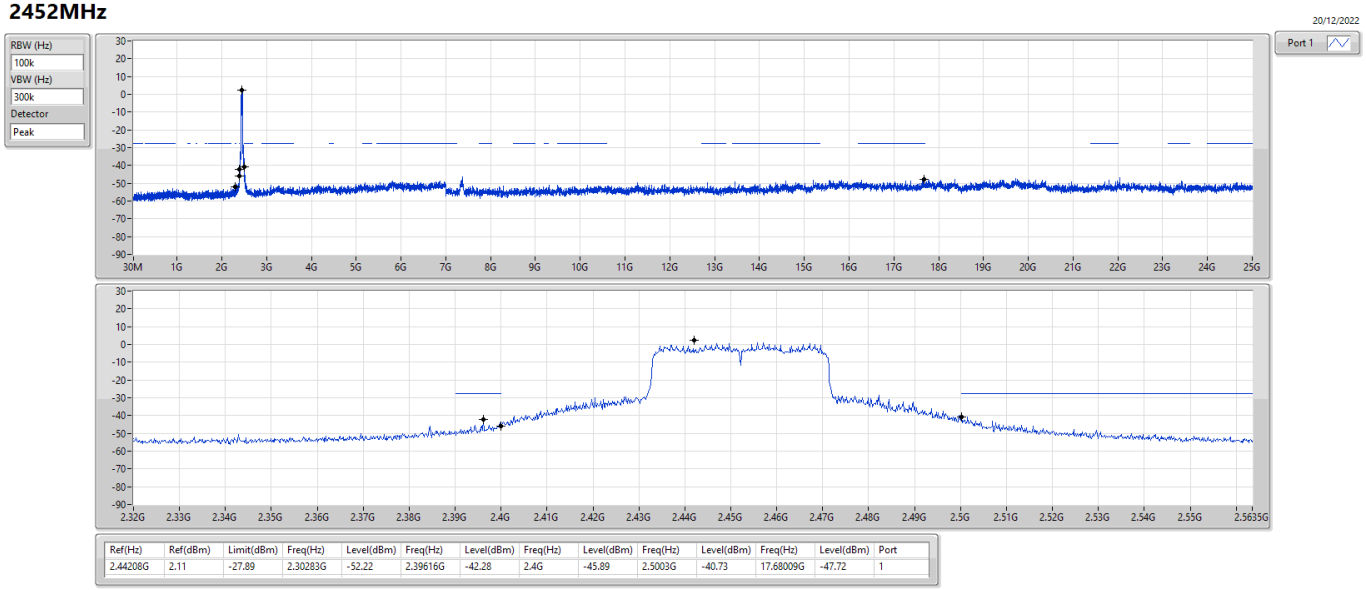
2437MHz



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
2.44208G	2.11	-27.89	1.74178G	-52.91	2.39936G	-30.34	2.4G	-33.37	2.50542G	-43.76	16.91445G	-47.36	1

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX **CSENdB**

2452MHz

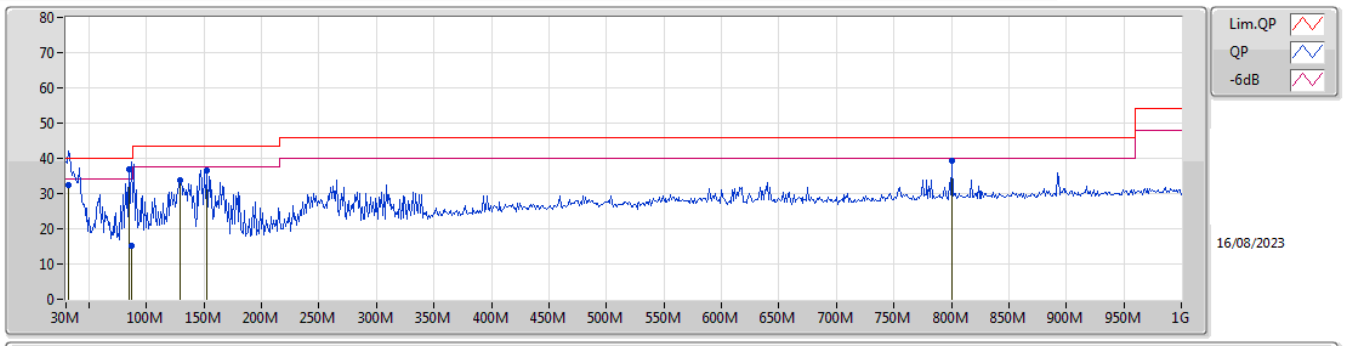


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	2.11	-27.89	2.30283G	-52.22	2.39616G	-42.28	2.4G	-45.89	2.5003G	-40.73	17.68009G	-47.72	1

Summary

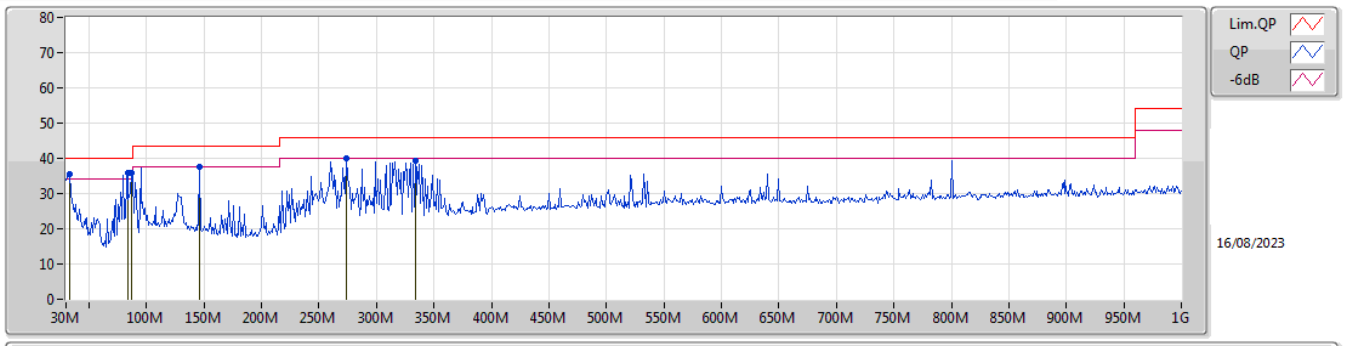
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 7	Pass	PK	85.29M	36.85	40.00	-3.15	Vertical

Mode 7



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	31.94M	32.32	40.00	-7.68	-20.88	3	Vertical	42	2.00	-	53.20	22.92	0.52	44.32
PK	85.29M	36.85	40.00	-3.15	-30.76	3	Vertical	137	1.00	"Worst"	67.61	13.04	0.80	44.60
QP	87.23M	15.27	40.00	-24.73	-30.41	3	Vertical	137	1.00	-	45.68	13.38	0.81	44.60
PK	128.94M	33.73	43.50	-9.77	-26.62	3	Vertical	97	1.00	-	60.35	17.02	0.98	44.62
PK	152.22M	36.65	43.50	-6.85	-28.12	3	Vertical	139	1.00	-	64.77	15.38	1.06	44.56
PK	800.18M	39.34	46.00	-6.66	-16.18	3	Vertical	31	1.00	-	55.52	24.98	2.33	43.49

Mode 7



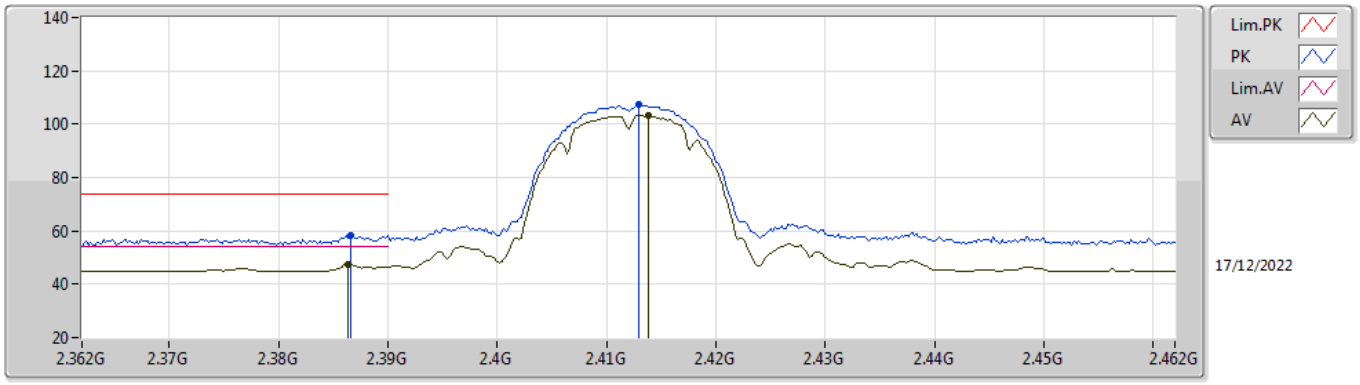
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	32.91M	35.63	40.00	-4.37	-21.55	3	Horizontal	187	1.00	-	57.18	22.25	0.52	44.32
PK	83.35M	35.87	40.00	-4.13	-31.12	3	Horizontal	305	1.00	-	66.99	12.69	0.79	44.60
PK	87.23M	35.99	40.00	-4.01	-30.41	3	Horizontal	305	1.00	"Worst"	66.40	13.38	0.81	44.60
PK	146.4M	37.56	43.50	-5.94	-27.72	3	Horizontal	83	1.50	-	65.28	15.82	1.04	44.58
PK	273.47M	40.16	46.00	-5.84	-24.87	3	Horizontal	81	1.50	-	65.03	18.04	1.41	44.32
PK	333.61M	39.43	46.00	-6.57	-23.83	3	Horizontal	26	1.00	-	63.26	18.84	1.55	44.22

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	4.82406G	52.90	54.00	-1.10	3	Horizontal	69	2.12	-

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

2412MHz_TX

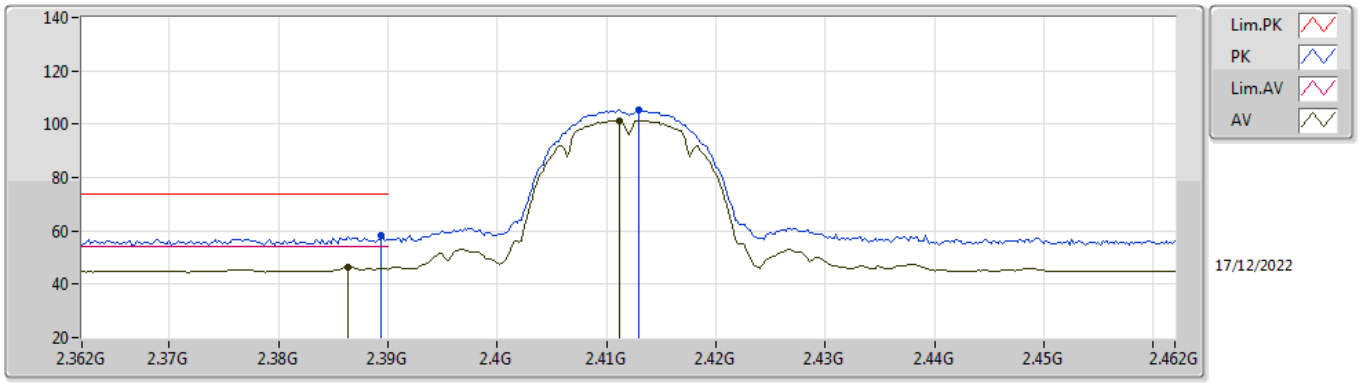


EUT X_1TX
Setting 16
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3866G	58.37	74.00	-15.63	26.13	3	Vertical	11	1.42	-	28.25	3.99	-
AV	2.3864G	47.38	54.00	-6.62	15.14	3	Vertical	11	1.42	-	28.25	3.99	-
PK	2.413G	107.17	Inf	-Inf	74.86	3	Vertical	11	1.42	-	28.30	4.01	-
AV	2.4138G	103.18	Inf	-Inf	70.87	3	Vertical	11	1.42	-	28.30	4.01	-

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

2412MHz_TX

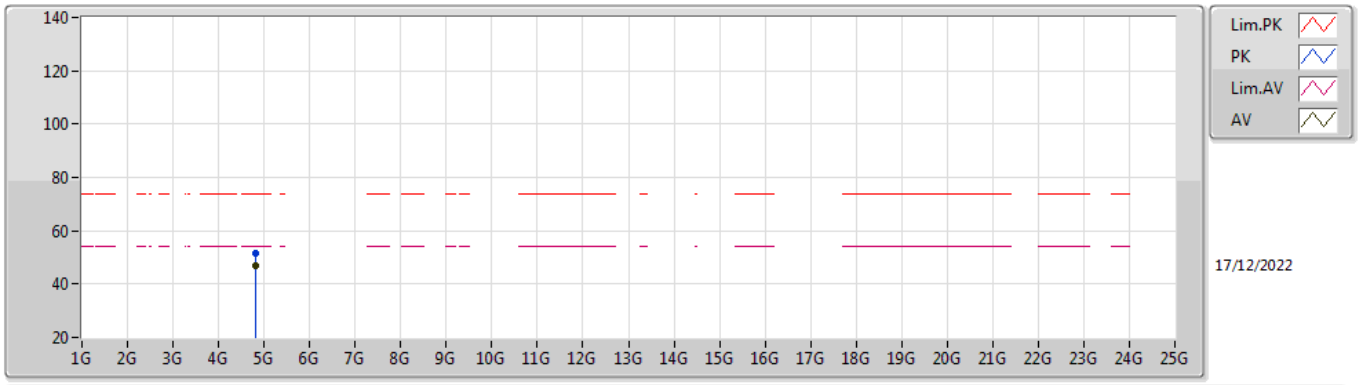


EUT X_1TX
Setting 16
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	58.24	74.00	-15.76	25.99	3	Horizontal	43	1.19	-	28.26	3.99	-
AV	2.3864G	46.30	54.00	-7.70	14.06	3	Horizontal	43	1.19	-	28.25	3.99	-
PK	2.413G	105.33	Inf	-Inf	73.02	3	Horizontal	43	1.19	-	28.30	4.01	-
AV	2.4112G	101.39	Inf	-Inf	69.08	3	Horizontal	43	1.19	-	28.30	4.01	-

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

2412MHz_TX

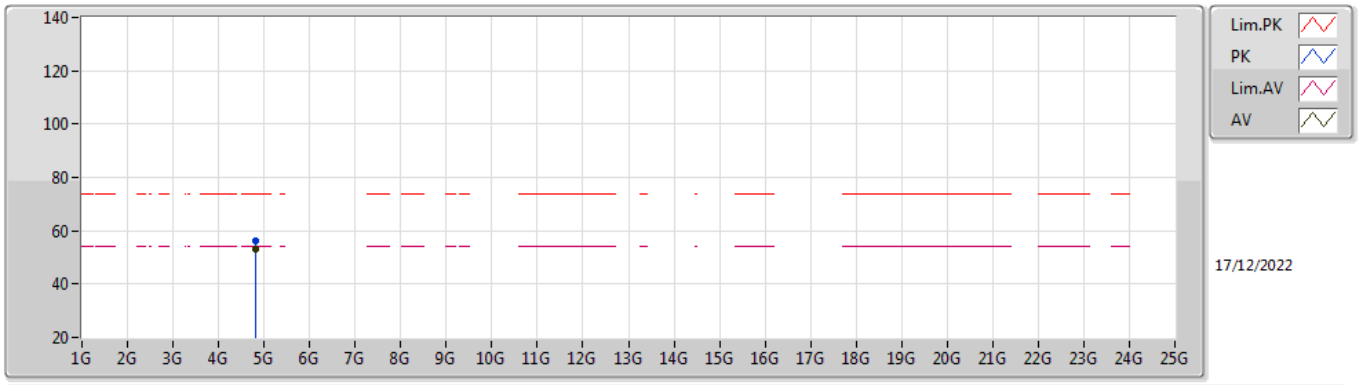


EUT X_1TX
Setting 16
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.824G	51.65	74.00	-22.35	46.70	3	Vertical	343	1.86	-	33.34	6.51	34.90
AV	4.824G	46.72	54.00	-7.28	41.77	3	Vertical	343	1.86	-	33.34	6.51	34.90

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

2412MHz_TX

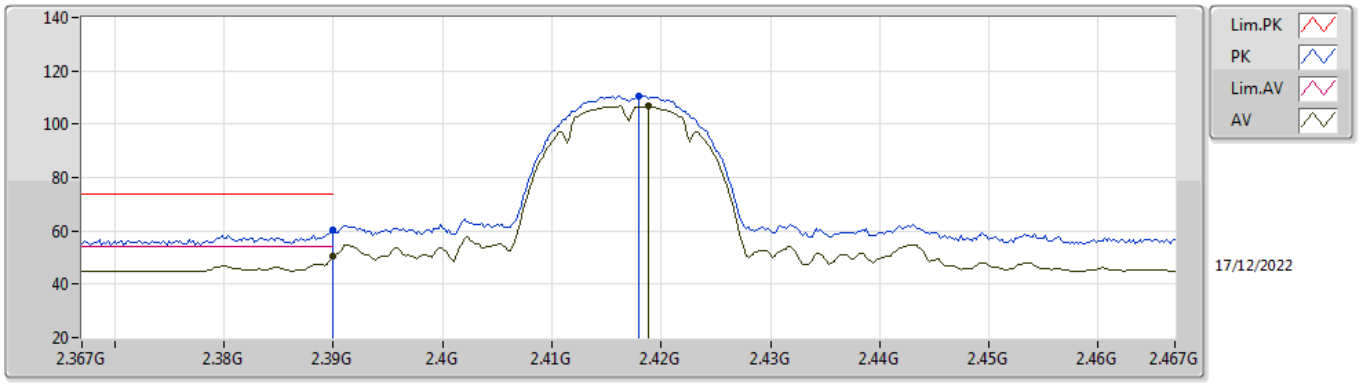


EUT X_1TX
Setting 16
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82418G	56.18	74.00	-17.82	51.22	3	Horizontal	69	2.12	-	33.35	6.51	34.90
AV	4.82406G	52.90	54.00	-1.10	47.95	3	Horizontal	69	2.12	-	33.34	6.51	34.90

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

2417MHz_TX

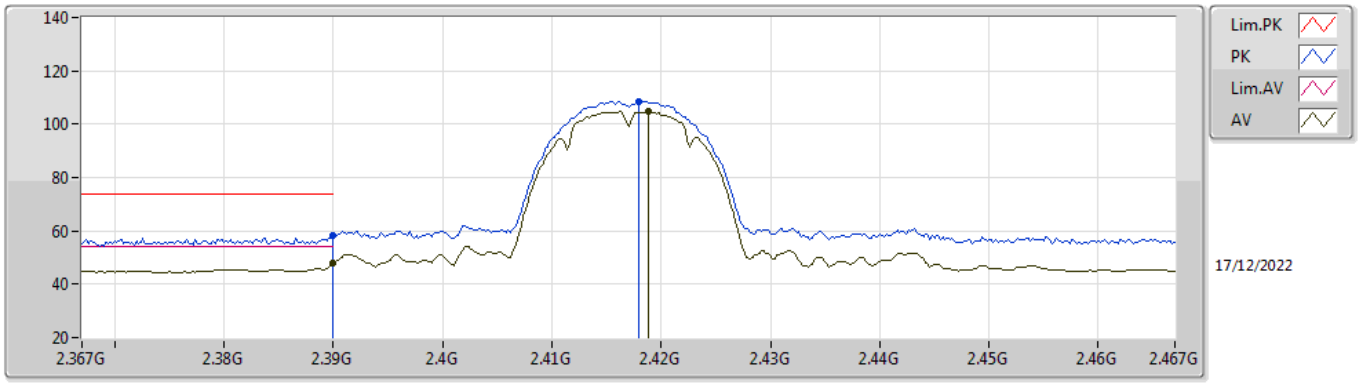


EUT X_1TX
Setting 19
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	60.13	74.00	-13.87	27.88	3	Vertical	14	1.46	-	28.26	3.99	-
AV	2.39G	50.40	54.00	-3.60	18.15	3	Vertical	14	1.46	-	28.26	3.99	-
PK	2.418G	110.67	Inf	-Inf	78.35	3	Vertical	14	1.46	-	28.30	4.02	-
AV	2.4188G	106.82	Inf	-Inf	74.50	3	Vertical	14	1.46	-	28.30	4.02	-

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

2417MHz_TX

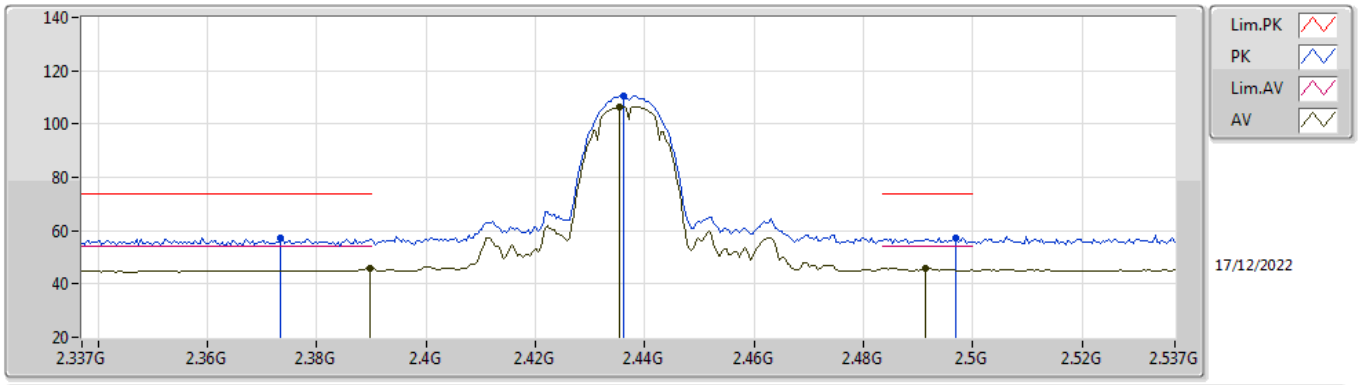


EUT X_1TX
Setting 19
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	58.33	74.00	-15.67	26.08	3	Horizontal	45	2.26	-	28.26	3.99	-
AV	2.39G	47.99	54.00	-6.01	15.74	3	Horizontal	45	2.26	-	28.26	3.99	-
PK	2.418G	108.66	Inf	-Inf	76.34	3	Horizontal	45	2.26	-	28.30	4.02	-
AV	2.4188G	104.75	Inf	-Inf	72.43	3	Horizontal	45	2.26	-	28.30	4.02	-

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

2437MHz_TX

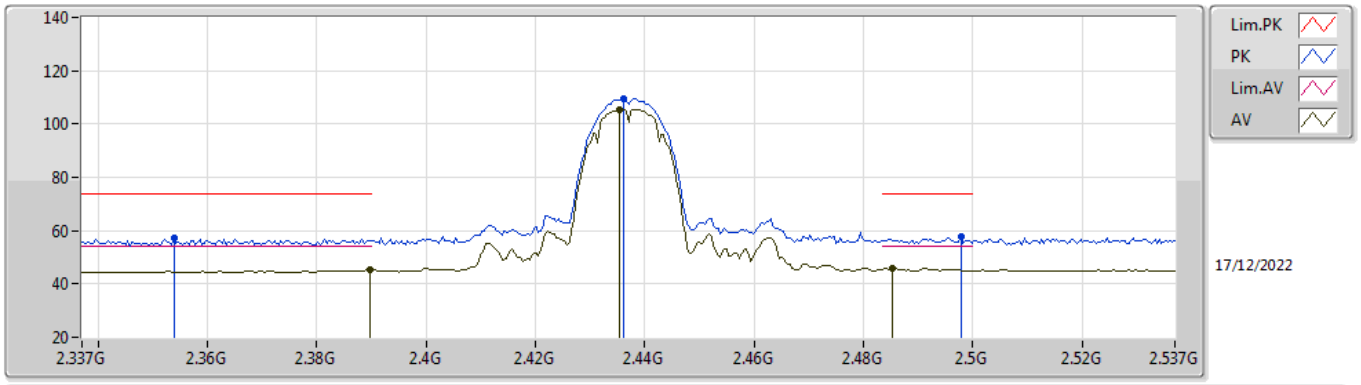


EUT X_1TX
Setting 19
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3734G	57.30	74.00	-16.70	25.14	3	Vertical	12	1.08	-	28.19	3.97	-
AV	2.3898G	46.01	54.00	-7.99	13.76	3	Vertical	12	1.08	-	28.26	3.99	-
PK	2.4362G	110.44	Inf	-Inf	78.10	3	Vertical	12	1.08	-	28.30	4.04	-
AV	2.4354G	106.61	Inf	-Inf	74.27	3	Vertical	12	1.08	-	28.30	4.04	-
PK	2.497G	57.21	74.00	-16.79	24.62	3	Vertical	12	1.08	-	28.49	4.10	-
AV	2.4914G	46.08	54.00	-7.92	13.52	3	Vertical	12	1.08	-	28.47	4.09	-

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

2437MHz_TX

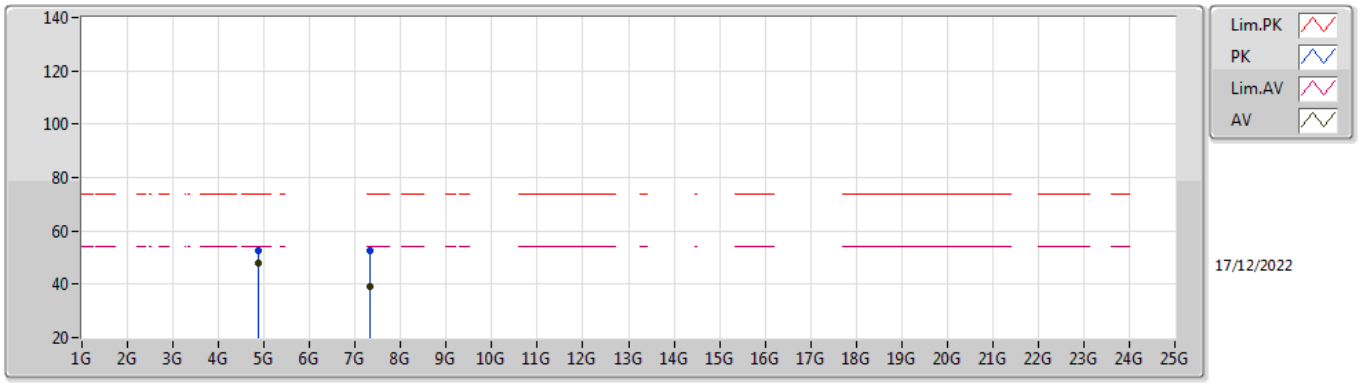


EUT X_1TX
Setting 19
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3538G	57.01	74.00	-16.99	24.94	3	Horizontal	50	2.78	-	28.12	3.95	-
AV	2.3898G	45.40	54.00	-8.60	13.15	3	Horizontal	50	2.78	-	28.26	3.99	-
PK	2.4362G	109.32	Inf	-Inf	76.98	3	Horizontal	50	2.78	-	28.30	4.04	-
AV	2.4354G	105.47	Inf	-Inf	73.13	3	Horizontal	50	2.78	-	28.30	4.04	-
PK	2.4978G	57.55	74.00	-16.45	24.96	3	Horizontal	50	2.78	-	28.49	4.10	-
AV	2.4854G	45.88	54.00	-8.12	13.35	3	Horizontal	50	2.78	-	28.44	4.09	-

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

2437MHz_TX

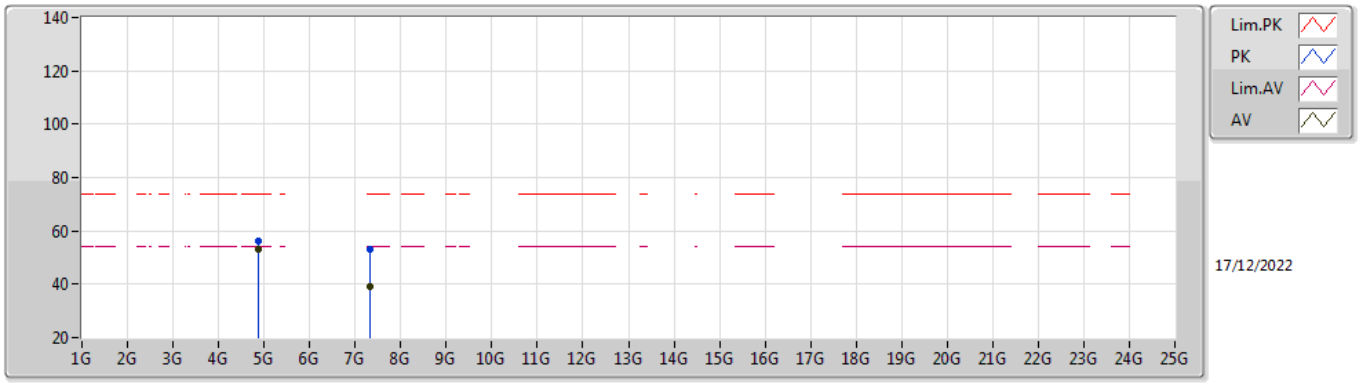


EUT X_1TX
Setting 19
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87406G	52.51	74.00	-21.49	47.27	3	Vertical	345	1.96	-	33.60	6.54	34.90
AV	4.874G	48.09	54.00	-5.91	42.85	3	Vertical	345	1.96	-	33.60	6.54	34.90
PK	7.32048G	52.48	74.00	-21.52	41.99	3	Vertical	294	2.04	-	36.94	8.70	35.15
AV	7.32366G	39.00	54.00	-15.00	28.50	3	Vertical	294	2.04	-	36.95	8.70	35.15

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

2437MHz_TX

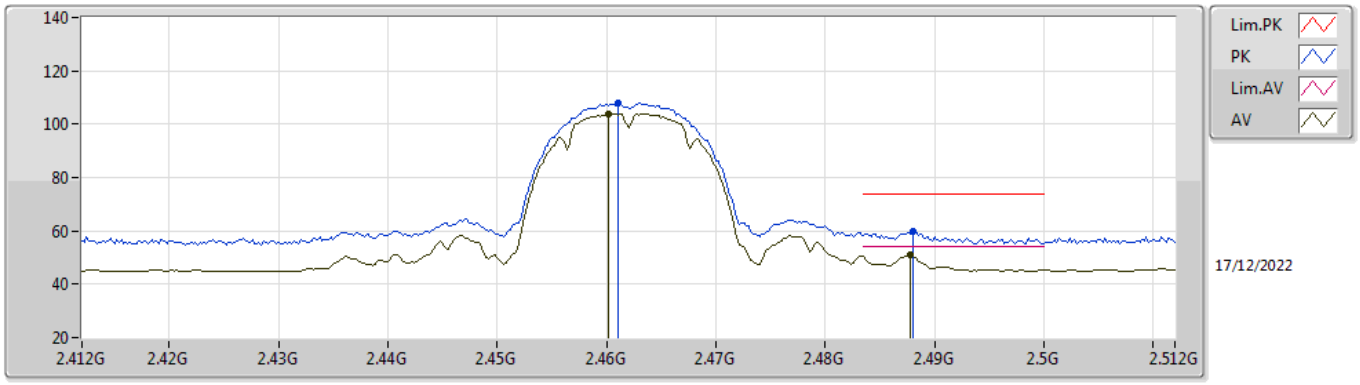


EUT X_1TX
Setting 19
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.874G	55.95	74.00	-18.05	50.71	3	Horizontal	66	2.12	-	33.60	6.54	34.90
AV	4.87406G	52.87	54.00	-1.13	47.63	3	Horizontal	66	2.12	-	33.60	6.54	34.90
PK	7.32432G	52.89	74.00	-21.11	42.39	3	Horizontal	208	2.52	-	36.95	8.70	35.15
AV	7.3239G	39.04	54.00	-14.96	28.54	3	Horizontal	208	2.52	-	36.95	8.70	35.15

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

2462MHz_TX

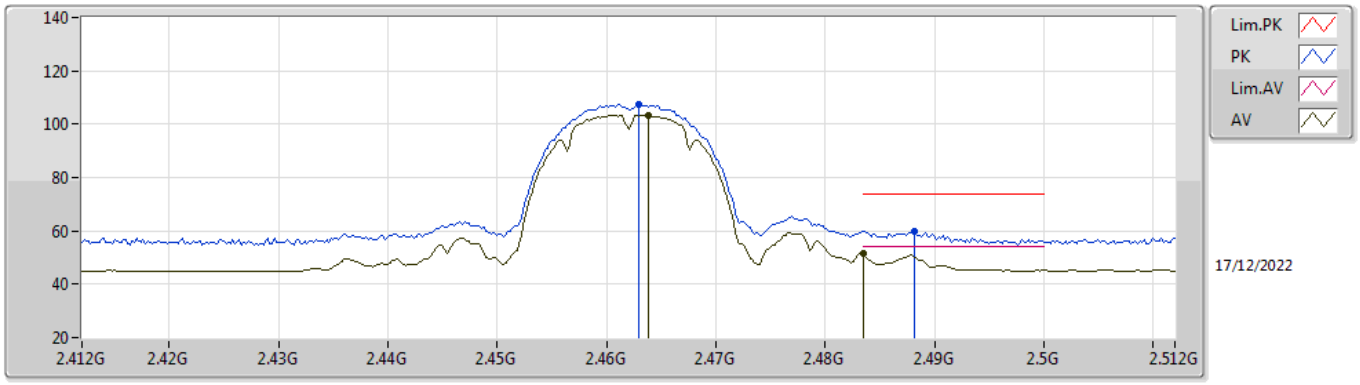


EUT X_1TX
Setting 17
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	107.72	Inf	-Inf	75.32	3	Vertical	13	1.04	-	28.34	4.06	-
AV	2.4602G	103.86	Inf	-Inf	71.46	3	Vertical	13	1.04	-	28.34	4.06	-
PK	2.488G	60.02	74.00	-13.98	27.48	3	Vertical	13	1.04	-	28.45	4.09	-
AV	2.4878G	51.03	54.00	-2.97	18.49	3	Vertical	13	1.04	-	28.45	4.09	-

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

2462MHz_TX

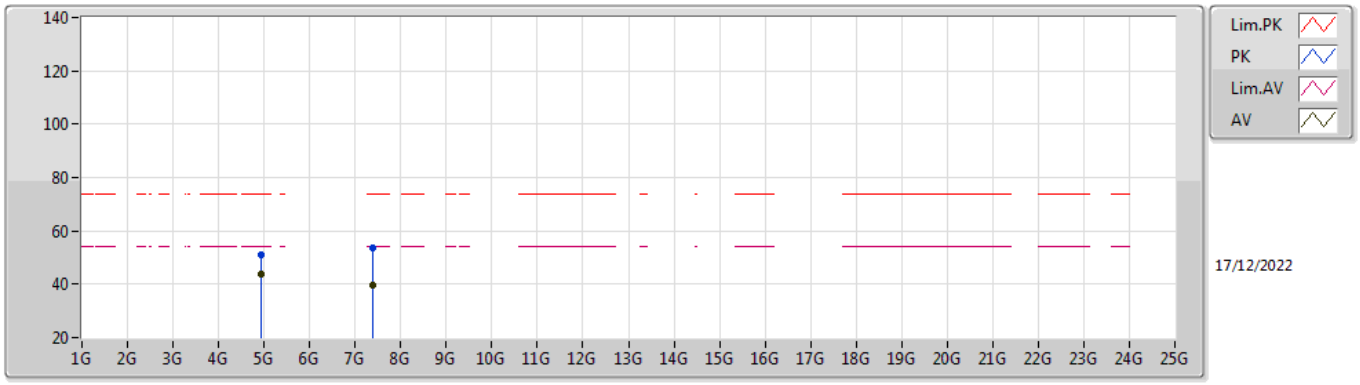


EUT X_1TX
Setting 17
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	107.31	Inf	-Inf	74.90	3	Horizontal	50	2.75	-	28.35	4.06	-
AV	2.4638G	103.40	Inf	-Inf	70.98	3	Horizontal	50	2.75	-	28.36	4.06	-
PK	2.4882G	59.92	74.00	-14.08	27.38	3	Horizontal	50	2.75	-	28.45	4.09	-
AV	2.4835G	51.41	54.00	-2.59	18.90	3	Horizontal	50	2.75	-	28.43	4.08	-

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

2462MHz_TX

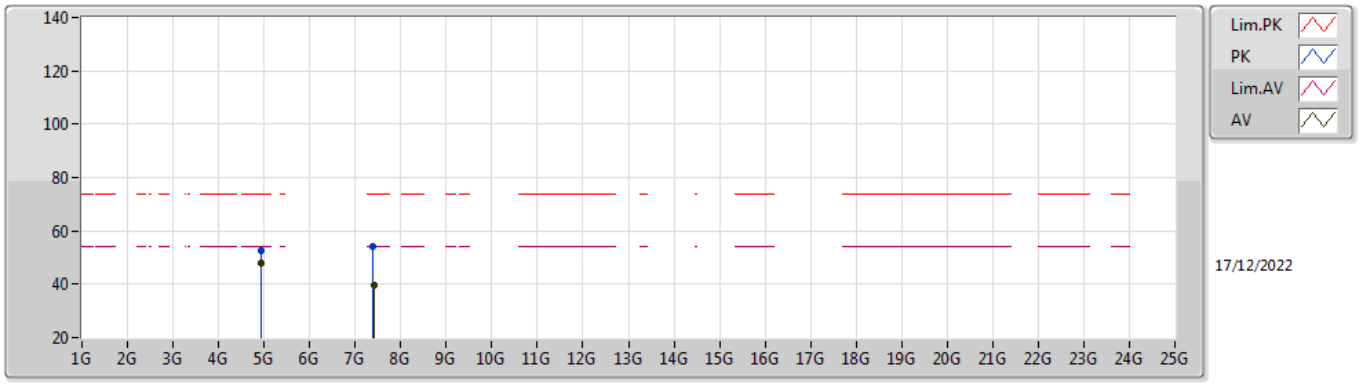


EUT X_1TX
Setting 17
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92394G	50.79	74.00	-23.21	45.37	3	Vertical	5	1.85	-	33.75	6.56	34.89
AV	4.92406G	43.54	54.00	-10.46	38.12	3	Vertical	5	1.85	-	33.75	6.56	34.89
PK	7.3887G	53.39	74.00	-20.61	42.87	3	Vertical	352	1.80	-	37.00	8.70	35.18
AV	7.4007G	39.69	54.00	-14.31	29.17	3	Vertical	352	1.80	-	37.00	8.70	35.18

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

2462MHz_TX

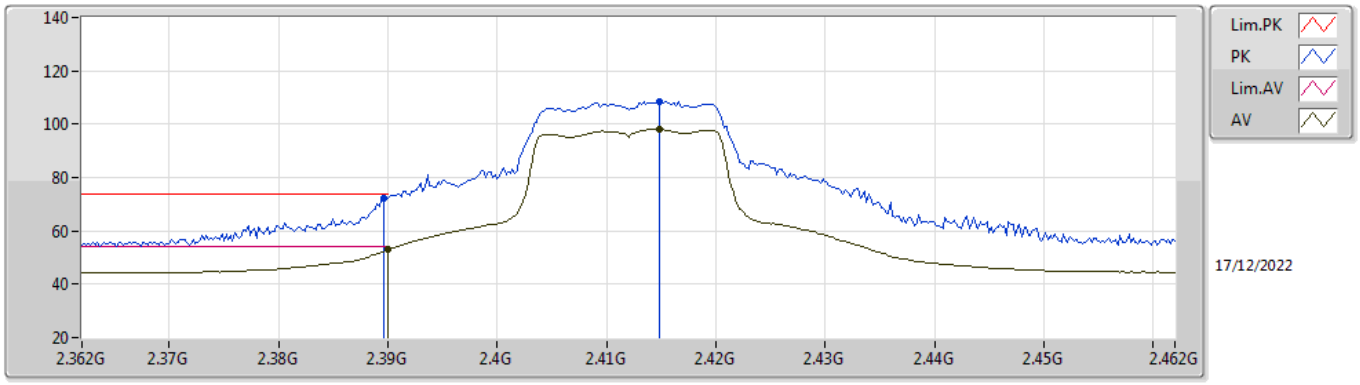


EUT X_1TX
Setting 17
03-C-E-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92406G	52.79	74.00	-21.21	47.37	3	Horizontal	56	2.16	-	33.75	6.56	34.89
AV	4.92406G	47.92	54.00	-6.08	42.50	3	Horizontal	56	2.16	-	33.75	6.56	34.89
PK	7.39758G	54.04	74.00	-19.96	43.52	3	Horizontal	314	1.80	-	37.00	8.70	35.18
AV	7.40694G	39.51	54.00	-14.49	28.99	3	Horizontal	314	1.80	-	36.99	8.72	35.19

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

2412MHz_TX

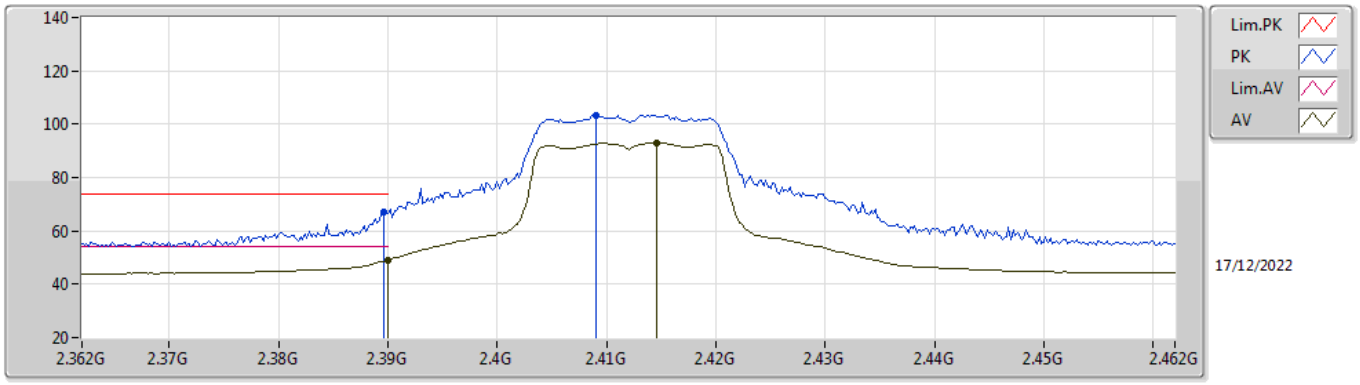


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	72.42	74.00	-1.58	40.17	3	Vertical	26	2.15	-	28.26	3.99	-
AV	2.39G	52.88	54.00	-1.12	20.63	3	Vertical	26	2.15	-	28.26	3.99	-
PK	2.4148G	108.43	Inf	-Inf	76.12	3	Vertical	26	2.15	-	28.30	4.01	-
AV	2.4148G	98.10	Inf	-Inf	65.79	3	Vertical	26	2.15	-	28.30	4.01	-

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

2412MHz_TX

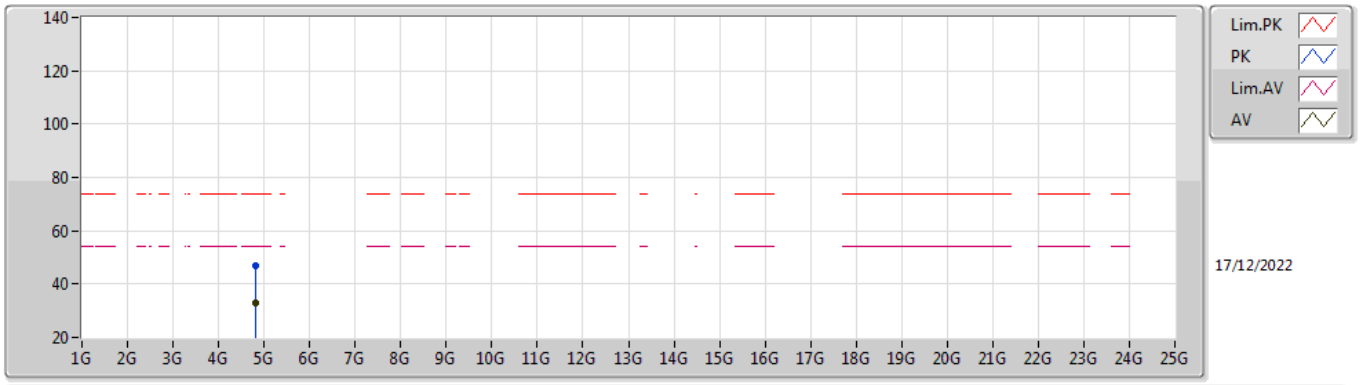


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	67.20	74.00	-6.80	34.95	3	Horizontal	35	1.67	-	28.26	3.99	-
AV	2.39G	49.12	54.00	-4.88	16.87	3	Horizontal	35	1.67	-	28.26	3.99	-
PK	2.409G	103.35	Inf	-Inf	71.04	3	Horizontal	35	1.67	-	28.30	4.01	-
AV	2.4146G	93.01	Inf	-Inf	60.70	3	Horizontal	35	1.67	-	28.30	4.01	-

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

2412MHz_TX

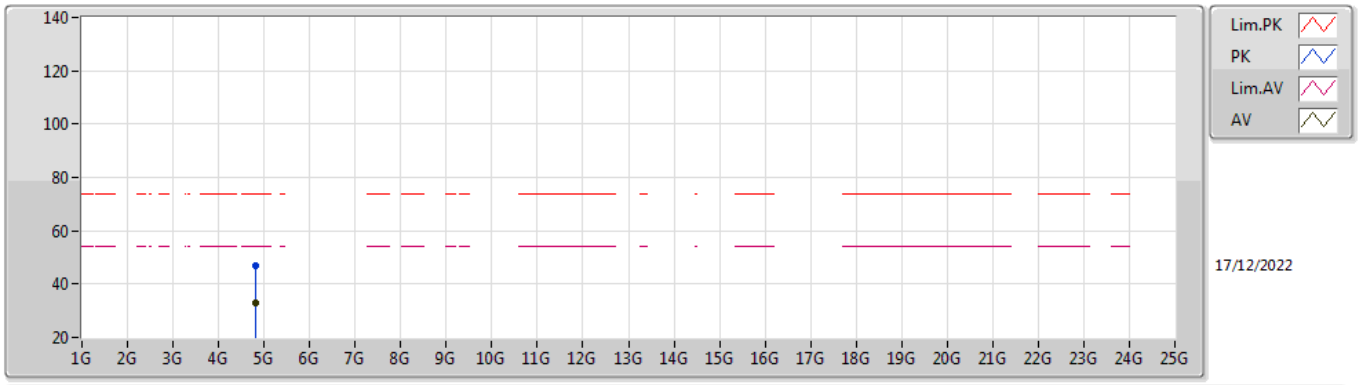


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82322G	46.65	74.00	-27.35	41.70	3	Vertical	306	1.25	-	33.34	6.51	34.90
AV	4.82698G	32.90	54.00	-21.10	27.93	3	Vertical	306	1.25	-	33.36	6.51	34.90

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

2412MHz_TX

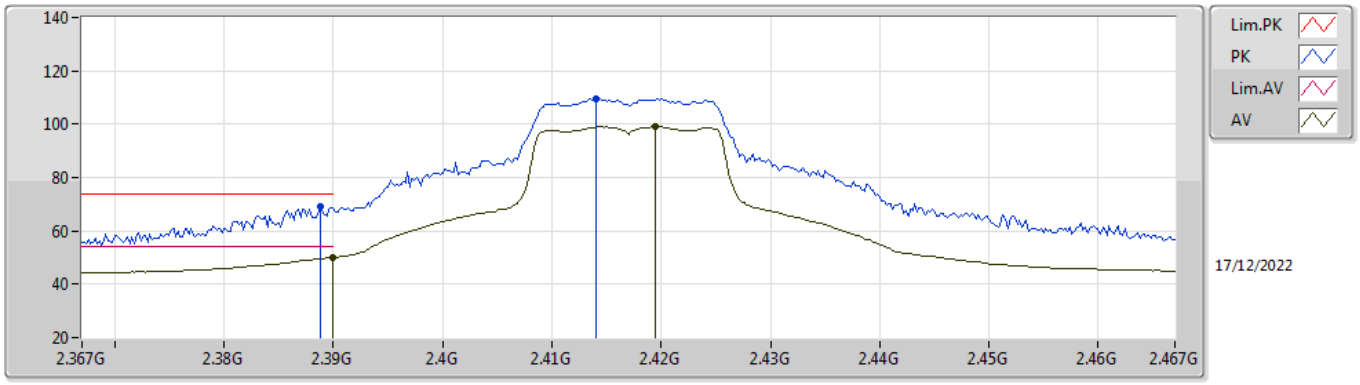


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82502G	47.11	74.00	-26.89	42.15	3	Horizontal	177	2.11	-	33.35	6.51	34.90
AV	4.82408G	32.91	54.00	-21.09	27.96	3	Horizontal	177	2.11	-	33.34	6.51	34.90

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

2417MHz_TX

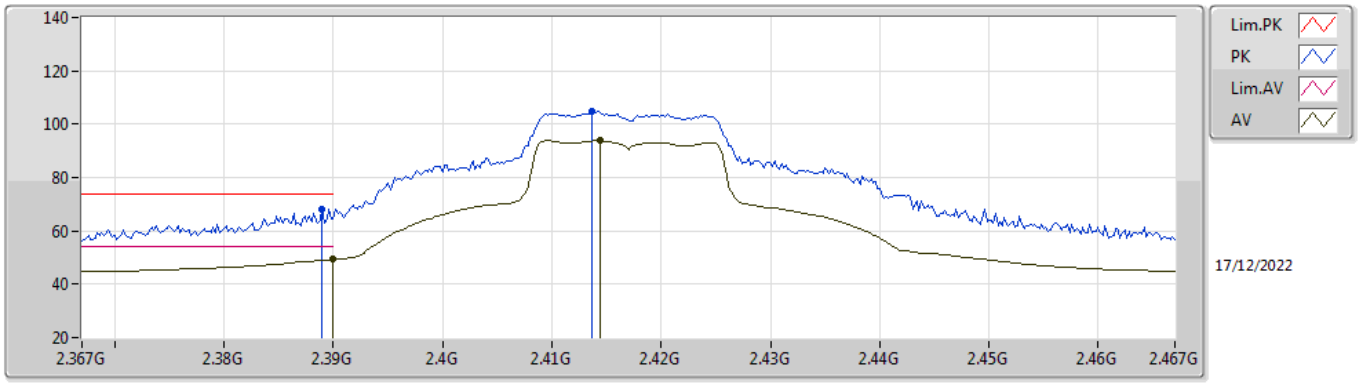


EUT X_1TX
Setting 18
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	69.09	74.00	-4.91	36.84	3	Vertical	28	2.16	-	28.26	3.99	-
AV	2.39G	50.05	54.00	-3.95	17.80	3	Vertical	28	2.16	-	28.26	3.99	-
PK	2.414G	109.47	Inf	-Inf	77.16	3	Vertical	28	2.16	-	28.30	4.01	-
AV	2.4194G	99.16	Inf	-Inf	66.84	3	Vertical	28	2.16	-	28.30	4.02	-

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

2417MHz_TX

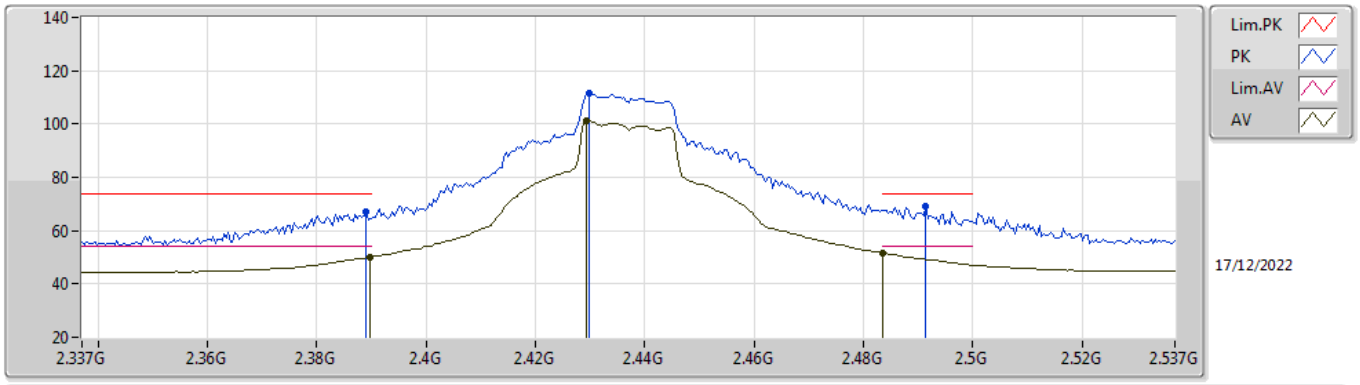


EUT X_1TX
Setting 18
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	68.26	74.00	-5.74	36.01	3	Horizontal	35	1.77	-	28.26	3.99	-
AV	2.39G	49.26	54.00	-4.74	17.01	3	Horizontal	35	1.77	-	28.26	3.99	-
PK	2.4136G	105.03	Inf	-Inf	72.72	3	Horizontal	35	1.77	-	28.30	4.01	-
AV	2.4144G	93.82	Inf	-Inf	61.51	3	Horizontal	35	1.77	-	28.30	4.01	-

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

2437MHz_TX

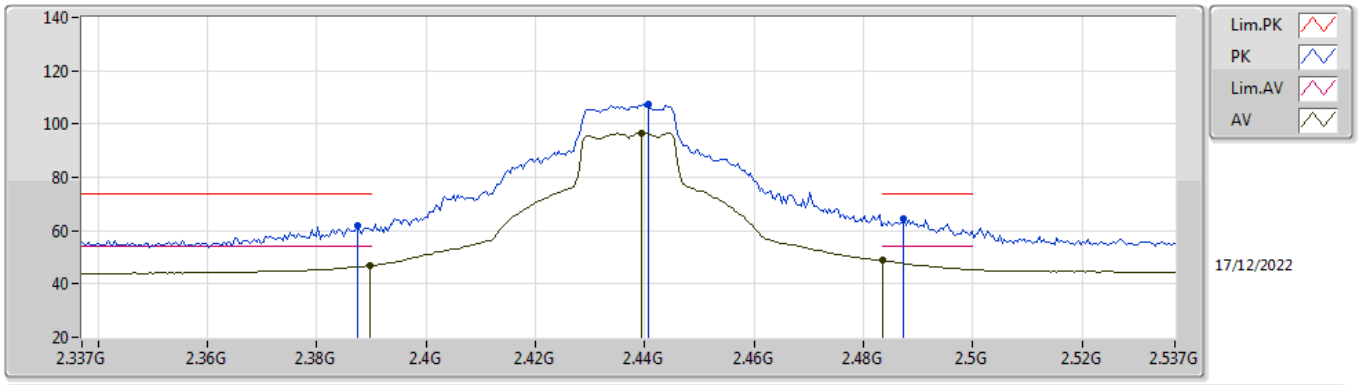


EUT X_1TX
Setting 22
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	66.87	74.00	-7.13	34.62	3	Vertical	26	2.17	-	28.26	3.99	-
AV	2.3898G	50.12	54.00	-3.88	17.87	3	Vertical	26	2.17	-	28.26	3.99	-
PK	2.4298G	111.31	Inf	-Inf	78.98	3	Vertical	26	2.17	-	28.30	4.03	-
AV	2.4294G	101.16	Inf	-Inf	68.83	3	Vertical	26	2.17	-	28.30	4.03	-
PK	2.4914G	69.21	74.00	-4.79	36.65	3	Vertical	26	2.17	-	28.47	4.09	-
AV	2.4835G	51.58	54.00	-2.42	19.07	3	Vertical	26	2.17	-	28.43	4.08	-

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

2437MHz_TX

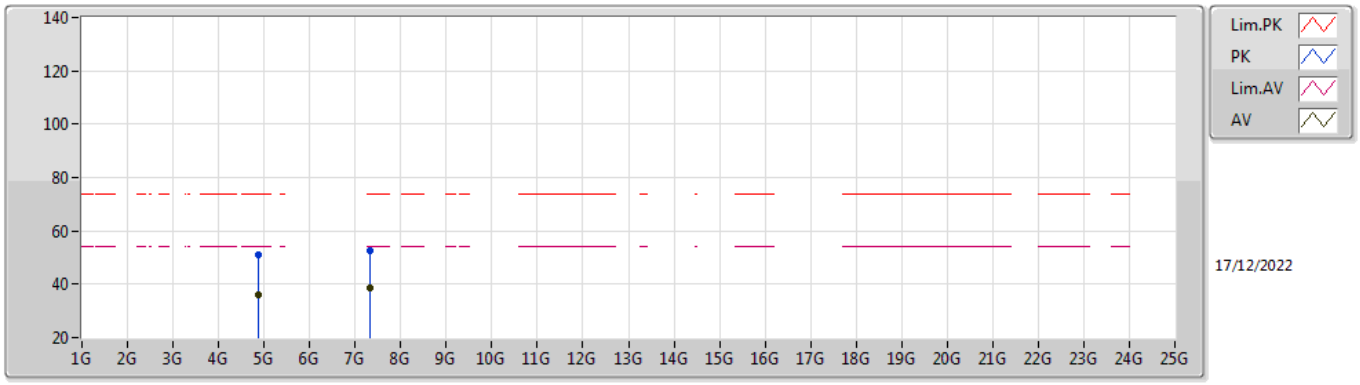


EUT X_1TX
Setting 22
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3874G	61.98	74.00	-12.02	29.74	3	Horizontal	35	1.77	-	28.25	3.99	-
AV	2.3898G	46.90	54.00	-7.10	14.65	3	Horizontal	35	1.77	-	28.26	3.99	-
PK	2.4406G	107.28	Inf	-Inf	74.94	3	Horizontal	35	1.77	-	28.30	4.04	-
AV	2.4394G	96.56	Inf	-Inf	64.22	3	Horizontal	35	1.77	-	28.30	4.04	-
PK	2.4874G	64.26	74.00	-9.74	31.72	3	Horizontal	35	1.77	-	28.45	4.09	-
AV	2.4835G	48.78	54.00	-5.22	16.27	3	Horizontal	35	1.77	-	28.43	4.08	-

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

2437MHz_TX

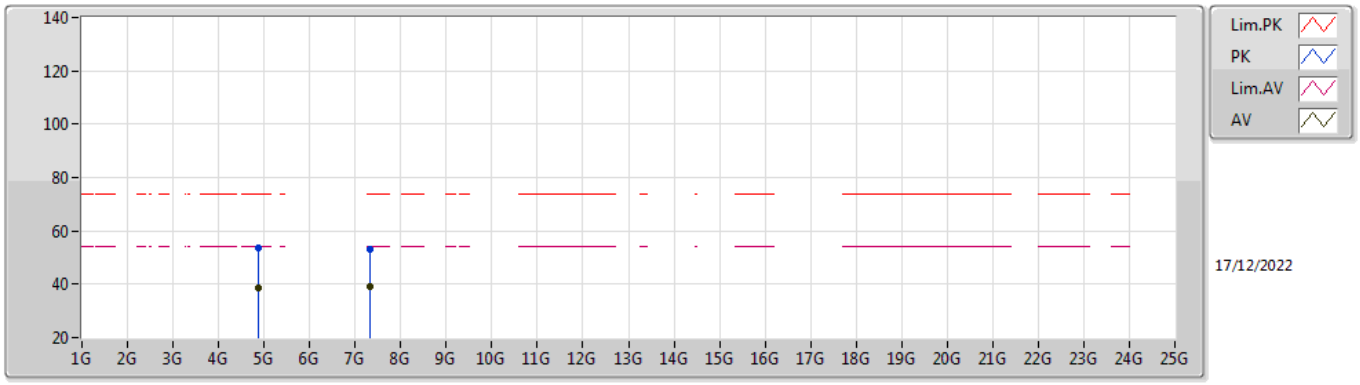


EUT X_1TX
Setting 22
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87764G	50.91	74.00	-23.09	45.65	3	Vertical	343	1.78	-	33.61	6.54	34.89
AV	4.87536G	36.27	54.00	-17.73	31.02	3	Vertical	343	1.78	-	33.60	6.54	34.89
PK	7.31956G	52.71	74.00	-21.29	42.22	3	Vertical	0	1.84	-	36.94	8.70	35.15
AV	7.32084G	38.82	54.00	-15.18	28.33	3	Vertical	0	1.84	-	36.94	8.70	35.15

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

2437MHz_TX

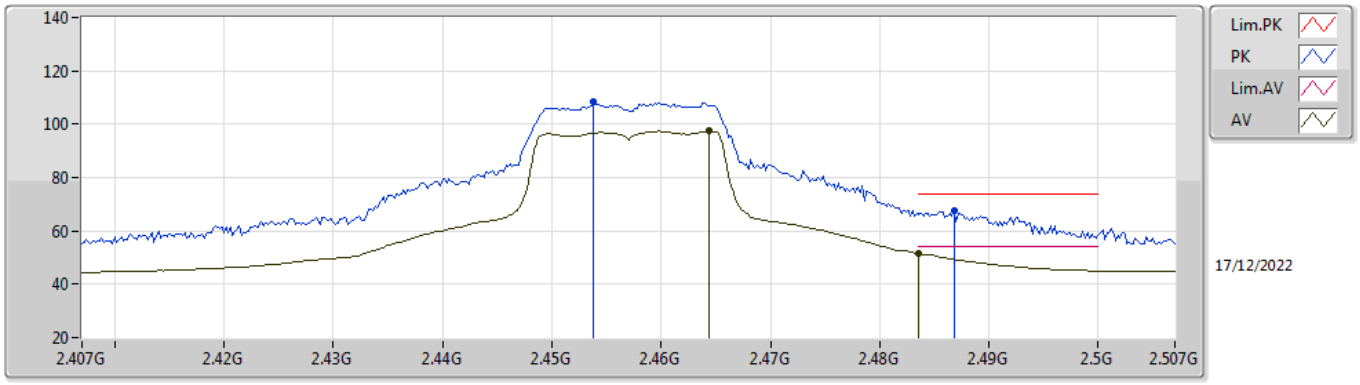


EUT X_1TX
Setting 22
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87188G	53.45	74.00	-20.55	48.22	3	Horizontal	44	2.30	-	33.59	6.54	34.90
AV	4.87396G	38.82	54.00	-15.18	33.58	3	Horizontal	44	2.30	-	33.60	6.54	34.90
PK	7.32088G	53.02	74.00	-20.98	42.53	3	Horizontal	306	1.83	-	36.94	8.70	35.15
AV	7.31448G	39.15	54.00	-14.85	28.66	3	Horizontal	306	1.83	-	36.93	8.70	35.14

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

2457MHz_TX

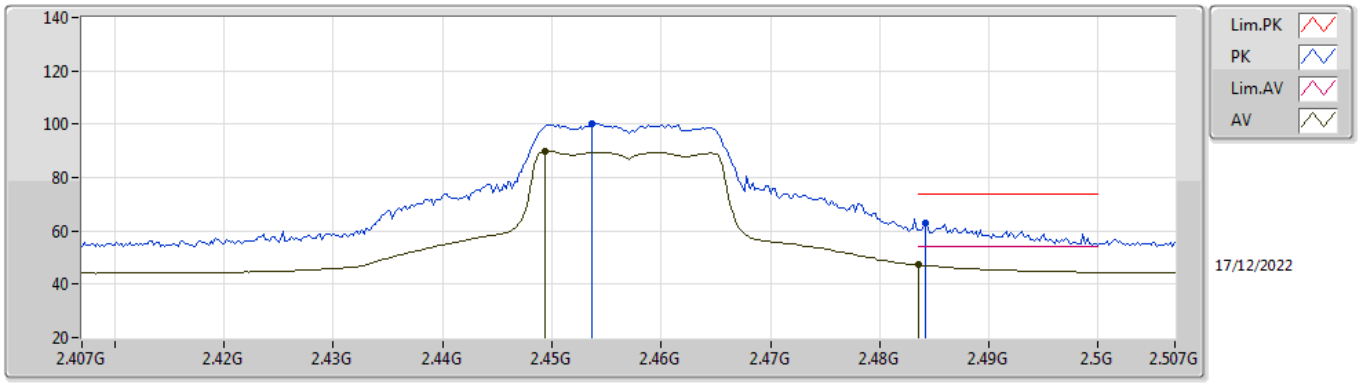


EUT X_1TX
Setting 18
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4538G	108.56	Inf	-Inf	76.19	3	Vertical	24	1.93	-	28.32	4.05	-
AV	2.4644G	97.51	Inf	-Inf	65.09	3	Vertical	24	1.93	-	28.36	4.06	-
PK	2.4868G	67.68	74.00	-6.32	35.14	3	Vertical	24	1.93	-	28.45	4.09	-
AV	2.4835G	51.58	54.00	-2.42	19.07	3	Vertical	24	1.93	-	28.43	4.08	-

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

2457MHz_TX

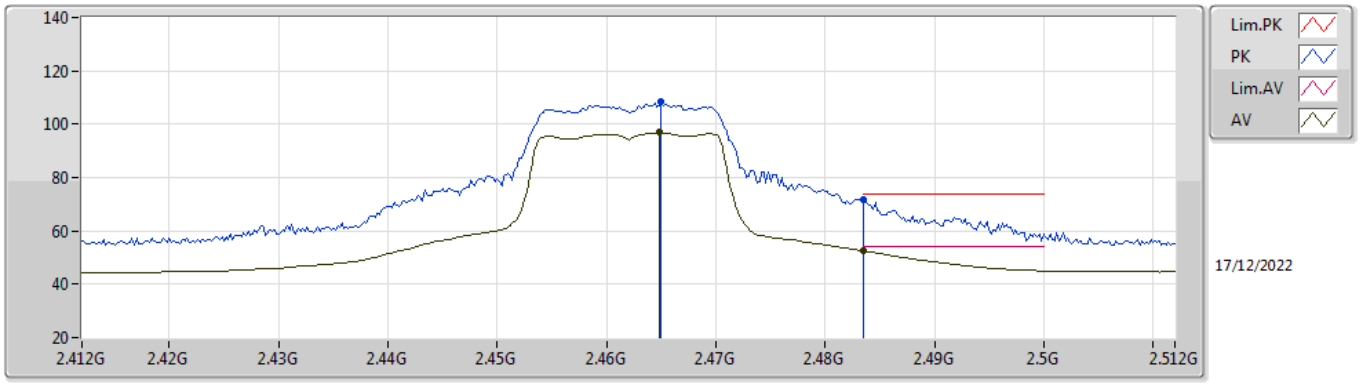


EUT X_1TX
Setting 18
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4536G	100.39	Inf	-Inf	68.03	3	Horizontal	26	1.78	-	28.31	4.05	-
AV	2.4494G	89.95	Inf	-Inf	57.60	3	Horizontal	26	1.78	-	28.30	4.05	-
PK	2.4842G	62.70	74.00	-11.30	30.18	3	Horizontal	26	1.78	-	28.44	4.08	-
AV	2.4835G	47.24	54.00	-6.76	14.73	3	Horizontal	26	1.78	-	28.43	4.08	-

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

2462MHz_TX

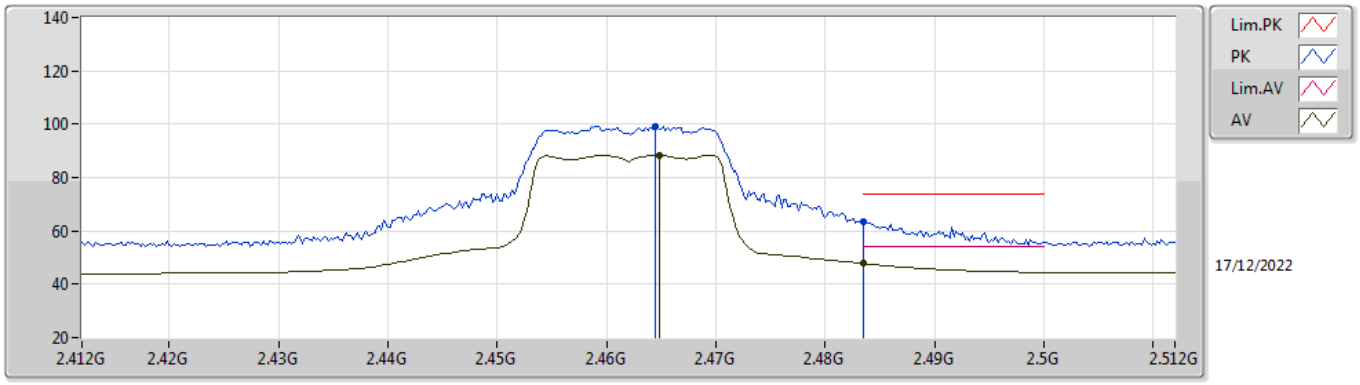


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.465G	108.26	Inf	-Inf	75.84	3	Vertical	26	1.93	-	28.36	4.06	-
AV	2.4648G	96.84	Inf	-Inf	64.42	3	Vertical	26	1.93	-	28.36	4.06	-
PK	2.4835G	71.72	74.00	-2.28	39.21	3	Vertical	26	1.93	-	28.43	4.08	-
AV	2.4835G	52.55	54.00	-1.45	20.04	3	Vertical	26	1.93	-	28.43	4.08	-

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

2462MHz_TX

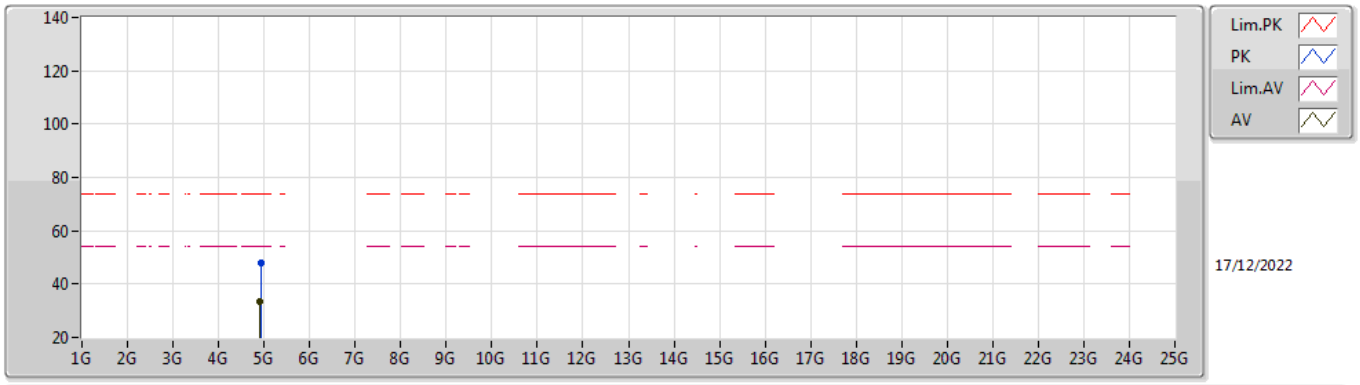


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4644G	99.11	Inf	-Inf	66.69	3	Horizontal	27	1.82	-	28.36	4.06	-
AV	2.4648G	88.33	Inf	-Inf	55.91	3	Horizontal	27	1.82	-	28.36	4.06	-
PK	2.4835G	63.54	74.00	-10.46	31.03	3	Horizontal	27	1.82	-	28.43	4.08	-
AV	2.4835G	47.77	54.00	-6.23	15.26	3	Horizontal	27	1.82	-	28.43	4.08	-

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

2462MHz_TX

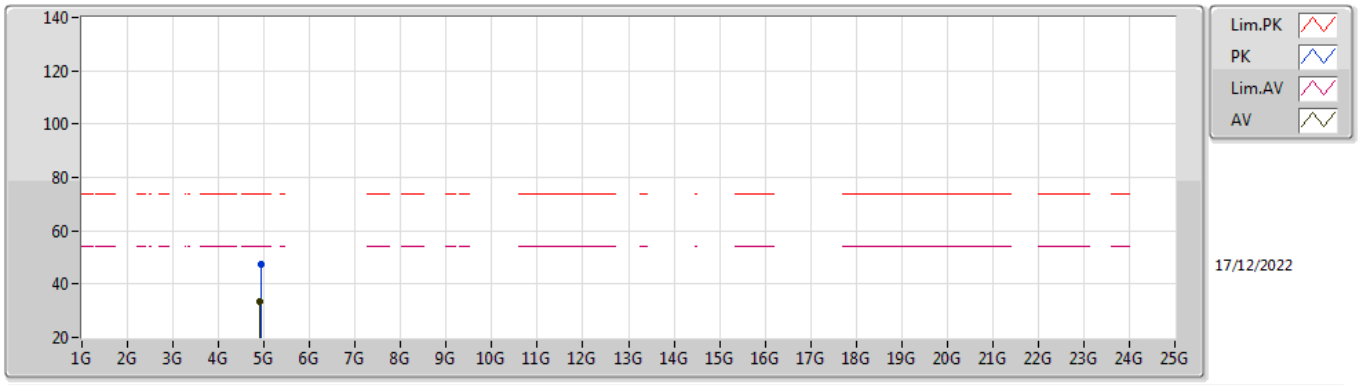


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92062G	47.91	74.00	-26.09	42.50	3	Vertical	52	1.29	-	33.74	6.56	34.89
AV	4.91902G	33.68	54.00	-20.32	28.27	3	Vertical	52	1.29	-	33.74	6.56	34.89

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

2462MHz_TX

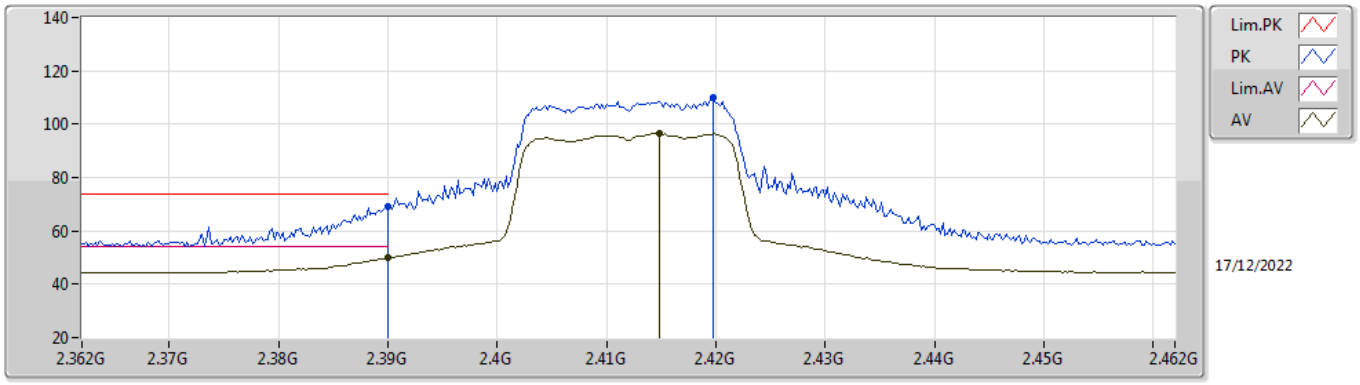


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92358G	47.45	74.00	-26.55	42.03	3	Horizontal	356	2.14	-	33.75	6.56	34.89
AV	4.91914G	33.65	54.00	-20.35	28.24	3	Horizontal	356	2.14	-	33.74	6.56	34.89

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

2412MHz_TX

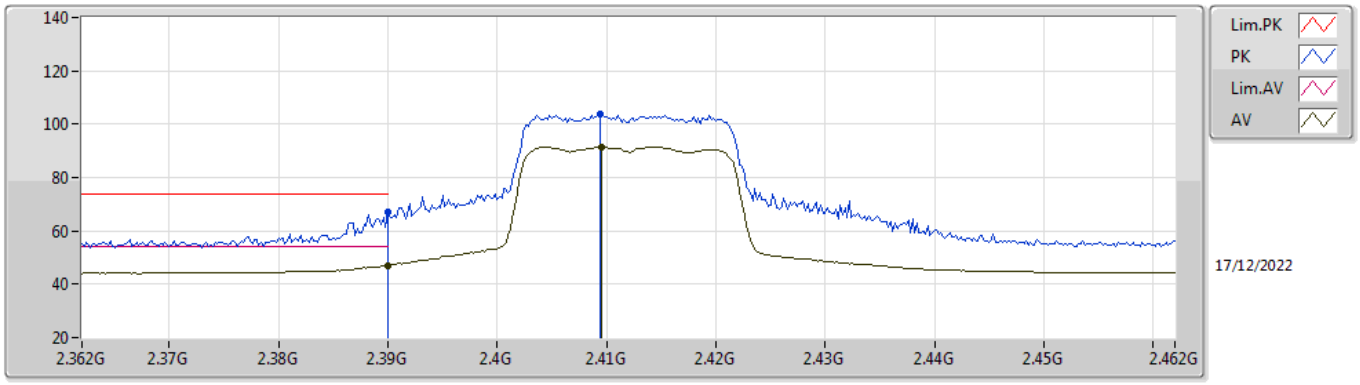


EUT X_1TX
Setting 15
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	69.13	74.00	-4.87	36.88	3	Vertical	25	2.15	-	28.26	3.99	-
AV	2.39G	49.92	54.00	-4.08	17.67	3	Vertical	25	2.15	-	28.26	3.99	-
PK	2.4198G	109.78	Inf	-Inf	77.46	3	Vertical	25	2.15	-	28.30	4.02	-
AV	2.4148G	96.41	Inf	-Inf	64.10	3	Vertical	25	2.15	-	28.30	4.01	-

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

2412MHz_TX

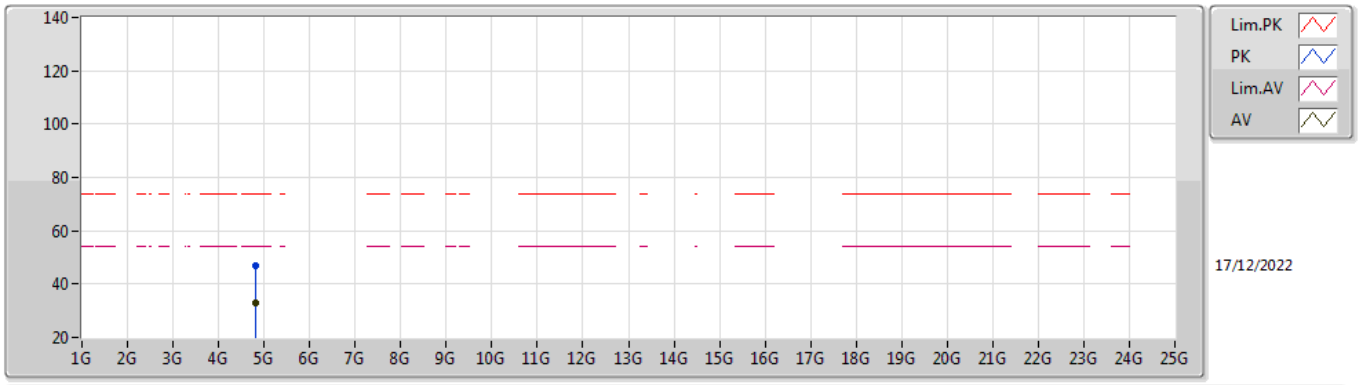


EUT X_1TX
Setting 15
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	67.06	74.00	-6.94	34.81	3	Horizontal	33	1.64	-	28.26	3.99	-
AV	2.39G	47.05	54.00	-6.95	14.80	3	Horizontal	33	1.64	-	28.26	3.99	-
PK	2.4094G	103.55	Inf	-Inf	71.24	3	Horizontal	33	1.64	-	28.30	4.01	-
AV	2.4096G	91.46	Inf	-Inf	59.15	3	Horizontal	33	1.64	-	28.30	4.01	-

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

2412MHz_TX

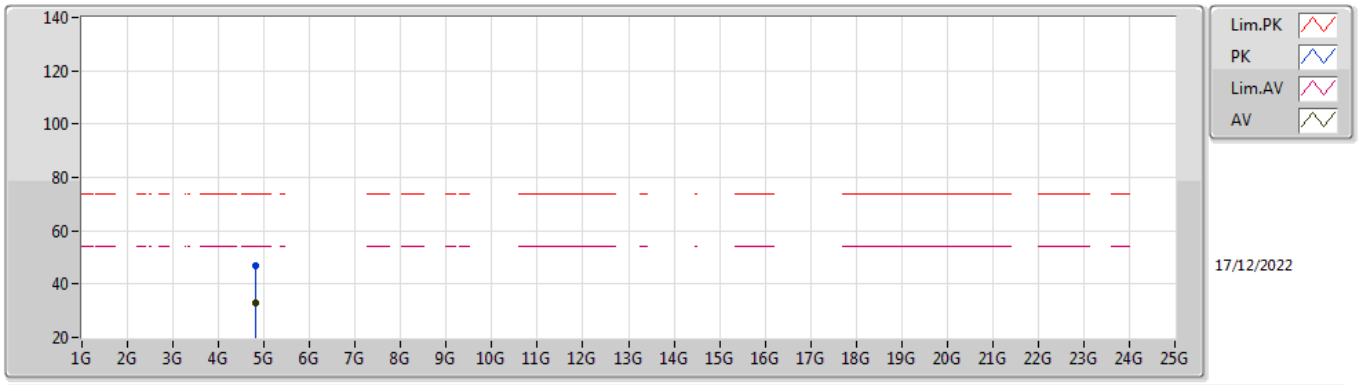


EUT X_1TX
Setting 15
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81926G	46.89	74.00	-27.11	41.96	3	Vertical	16	1.84	-	33.32	6.51	34.90
AV	4.82476G	33.16	54.00	-20.84	28.20	3	Vertical	16	1.84	-	33.35	6.51	34.90

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

2412MHz_TX

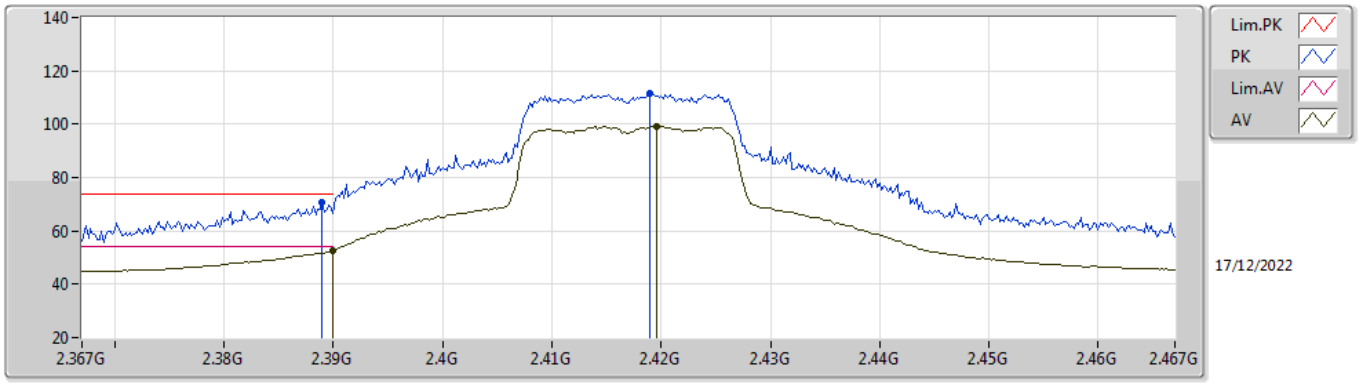


EUT X_1TX
Setting 15
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82362G	47.04	74.00	-26.96	42.09	3	Horizontal	160	2.24	-	33.34	6.51	34.90
AV	4.82376G	33.16	54.00	-20.84	28.21	3	Horizontal	160	2.24	-	33.34	6.51	34.90

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

2417MHz_TX

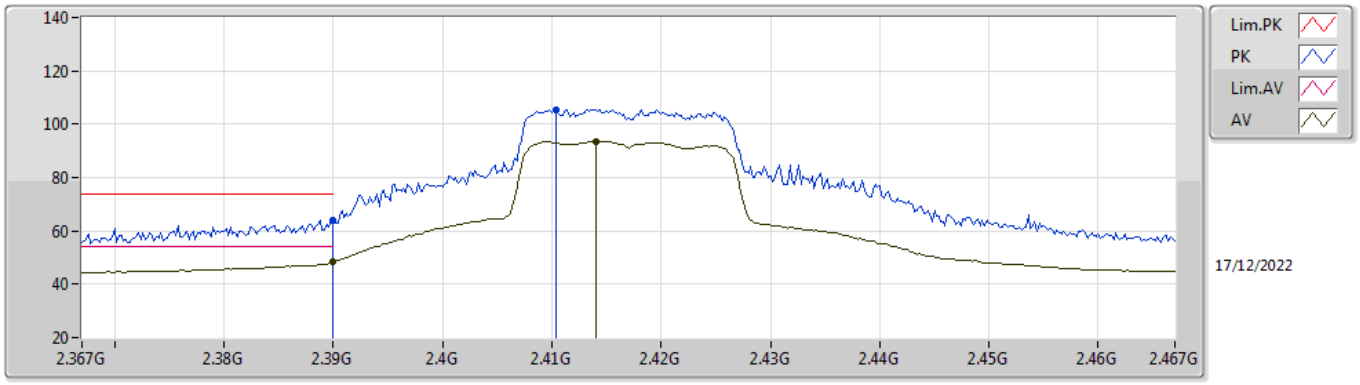


EUT X_1TX
Setting 18
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	70.72	74.00	-3.28	38.47	3	Vertical	27	2.17	-	28.26	3.99	-
AV	2.39G	52.59	54.00	-1.41	20.34	3	Vertical	27	2.17	-	28.26	3.99	-
PK	2.419G	111.81	Inf	-Inf	79.49	3	Vertical	27	2.17	-	28.30	4.02	-
AV	2.4196G	99.02	Inf	-Inf	66.70	3	Vertical	27	2.17	-	28.30	4.02	-

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

2417MHz_TX

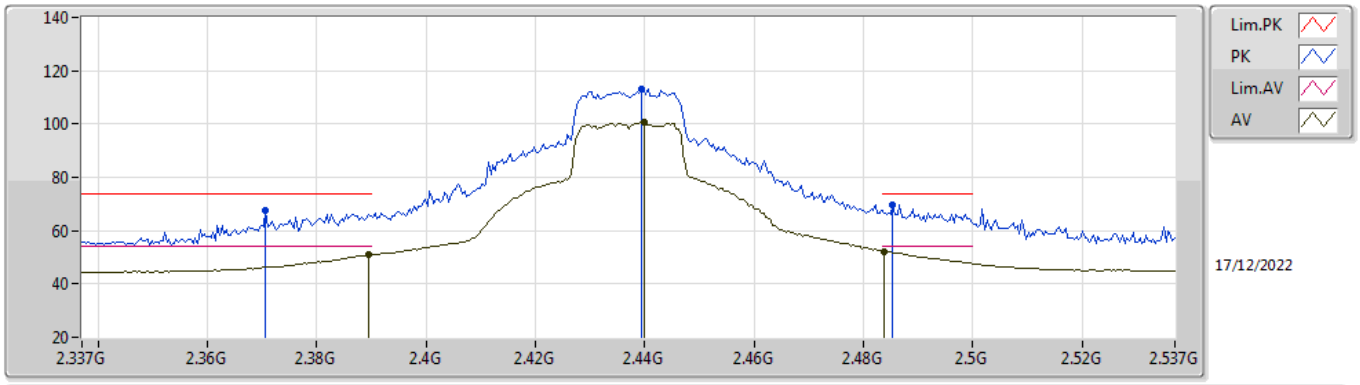


EUT X_1TX
Setting 18
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	64.02	74.00	-9.98	31.77	3	Horizontal	36	1.81	-	28.26	3.99	-
AV	2.39G	48.24	54.00	-5.76	15.99	3	Horizontal	36	1.81	-	28.26	3.99	-
PK	2.4104G	105.54	Inf	-Inf	73.23	3	Horizontal	36	1.81	-	28.30	4.01	-
AV	2.414G	93.65	Inf	-Inf	61.34	3	Horizontal	36	1.81	-	28.30	4.01	-

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

2437MHz_TX

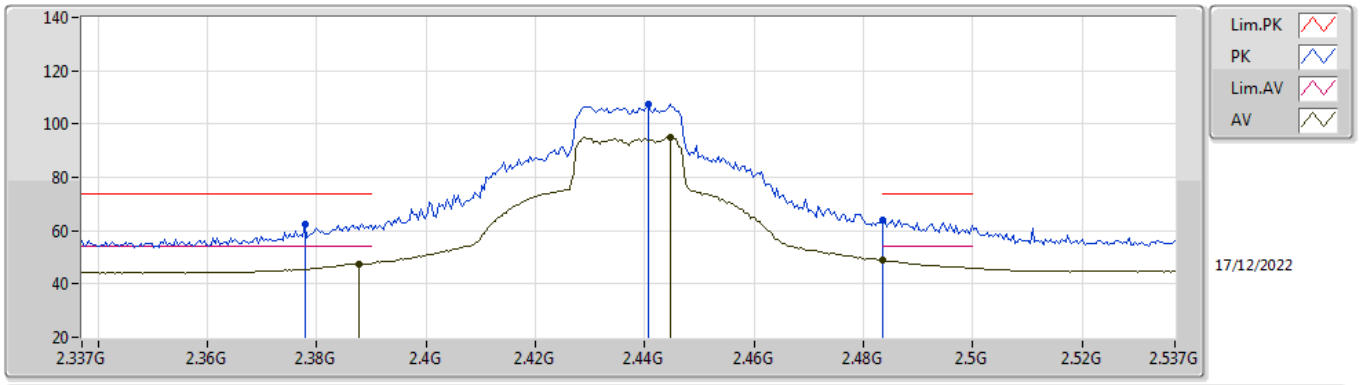


EUT X_1TX
Setting 21
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	2.3706G	67.67	74.00	-6.33	35.52	3	Vertical	22	1.63	-	28.18	3.97	-	
AV	2.3894G	50.84	54.00	-3.16	18.59	3	Vertical	22	1.63	-	28.26	3.99	-	
PK	2.4394G	113.22	Inf	-Inf	80.88	3	Vertical	22	1.63	-	28.30	4.04	-	
AV	2.4398G	100.69	Inf	-Inf	68.35	3	Vertical	22	1.63	-	28.30	4.04	-	
PK	2.4854G	69.84	74.00	-4.16	37.31	3	Vertical	22	1.63	-	28.44	4.09	-	
AV	2.4838G	52.17	54.00	-1.83	19.65	3	Vertical	22	1.63	-	28.44	4.08	-	

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

2437MHz_TX

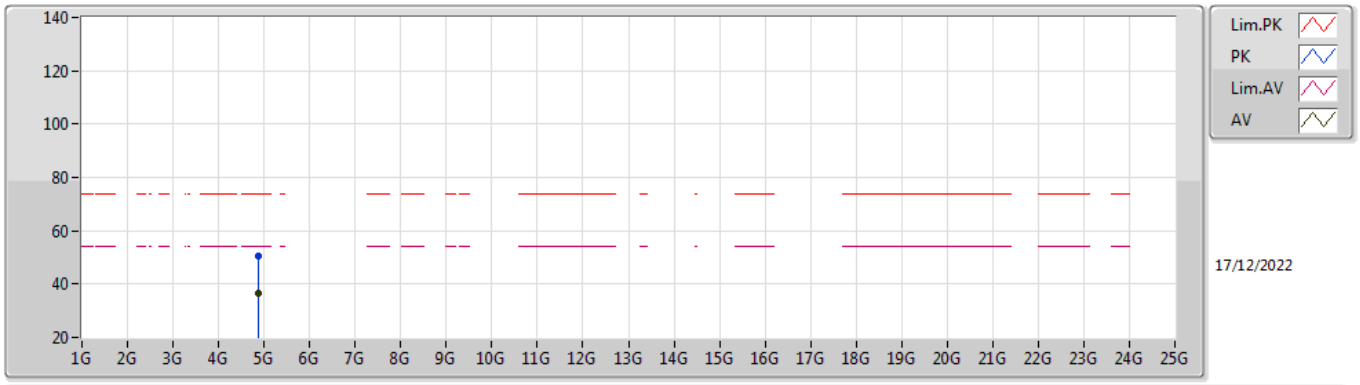


EUT X_1TX
Setting 21
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3778G	62.60	74.00	-11.40	30.41	3	Horizontal	35	1.69	-	28.21	3.98	-
AV	2.3878G	47.59	54.00	-6.41	15.35	3	Horizontal	35	1.69	-	28.25	3.99	-
PK	2.4406G	107.37	Inf	-Inf	75.03	3	Horizontal	35	1.69	-	28.30	4.04	-
AV	2.4446G	95.05	Inf	-Inf	62.71	3	Horizontal	35	1.69	-	28.30	4.04	-
PK	2.4835G	64.17	74.00	-9.83	31.66	3	Horizontal	35	1.69	-	28.43	4.08	-
AV	2.4835G	48.75	54.00	-5.25	16.24	3	Horizontal	35	1.69	-	28.43	4.08	-

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

2437MHz_TX

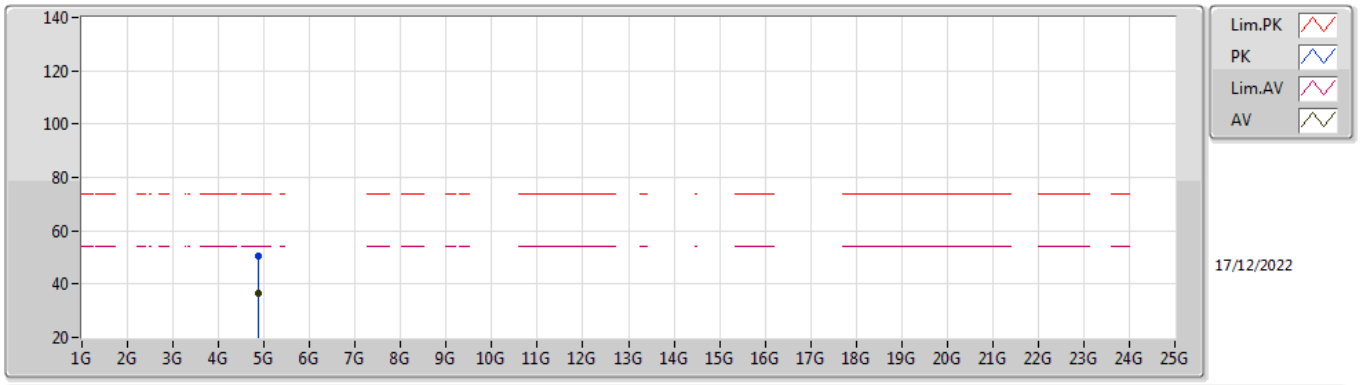


EUT X_1TX
Setting 21
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87686G	50.65	74.00	-23.35	45.39	3	Vertical	2	1.49	-	33.61	6.54	34.89
AV	4.87534G	36.46	54.00	-17.54	31.21	3	Vertical	2	1.49	-	33.60	6.54	34.89

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

2437MHz_TX

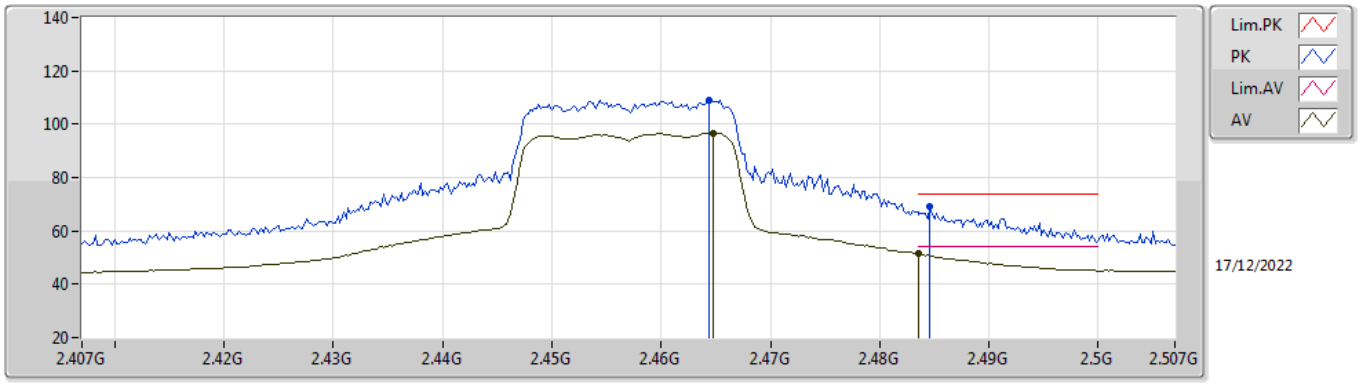


EUT X_1TX
Setting 21
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87488G	50.68	74.00	-23.32	45.44	3	Horizontal	58	1.02	-	33.60	6.54	34.90
AV	4.87518G	36.61	54.00	-17.39	31.36	3	Horizontal	58	1.02	-	33.60	6.54	34.89

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

2457MHz_TX

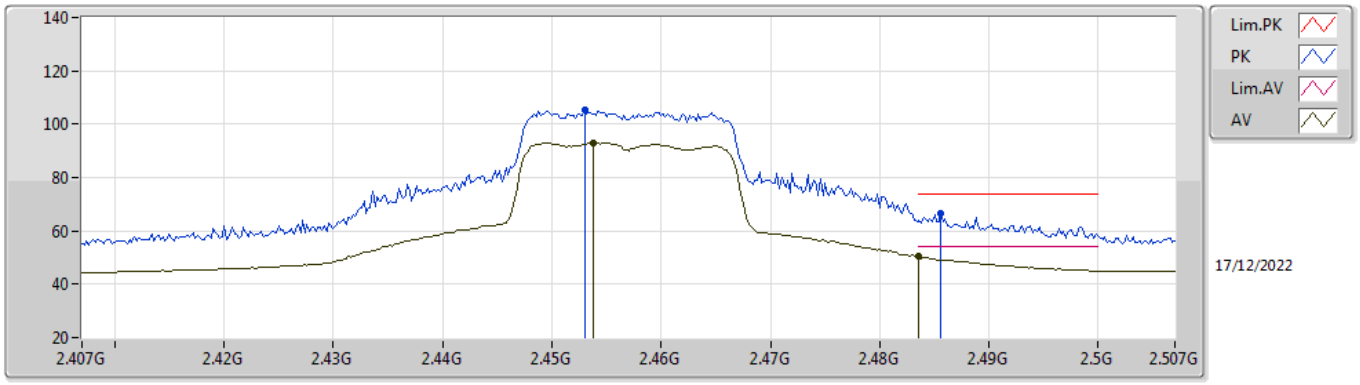


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4644G	109.07	Inf	-Inf	76.65	3	Vertical	25	1.94	-	28.36	4.06	-
AV	2.4648G	96.77	Inf	-Inf	64.35	3	Vertical	25	1.94	-	28.36	4.06	-
PK	2.4846G	68.96	74.00	-5.04	36.44	3	Vertical	25	1.94	-	28.44	4.08	-
AV	2.4835G	51.41	54.00	-2.59	18.90	3	Vertical	25	1.94	-	28.43	4.08	-

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

2457MHz_TX

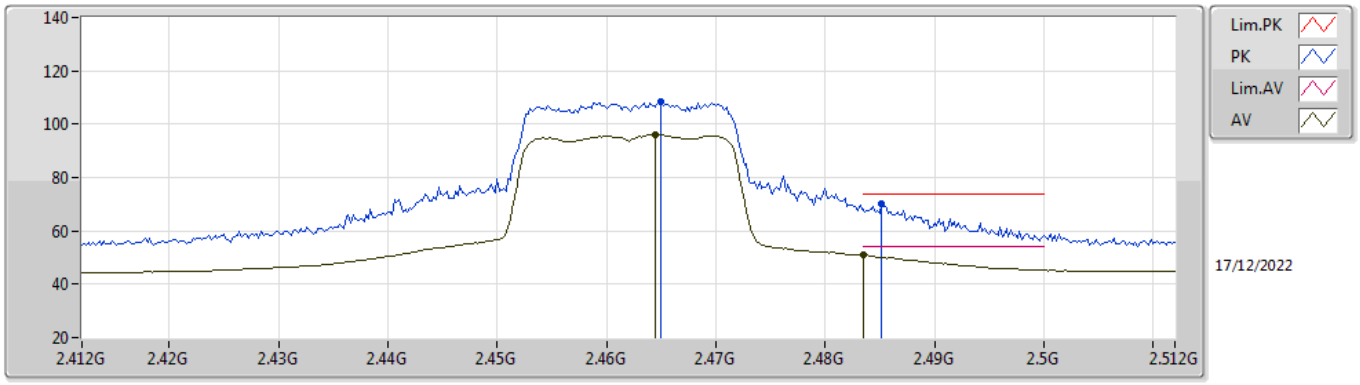


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.453G	105.19	Inf	-Inf	72.83	3	Horizontal	34	1.80	-	28.31	4.05	-
AV	2.4538G	93.07	Inf	-Inf	60.70	3	Horizontal	34	1.80	-	28.32	4.05	-
PK	2.4856G	66.30	74.00	-7.70	33.77	3	Horizontal	34	1.80	-	28.44	4.09	-
AV	2.4835G	50.32	54.00	-3.68	17.81	3	Horizontal	34	1.80	-	28.43	4.08	-

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

2462MHz_TX

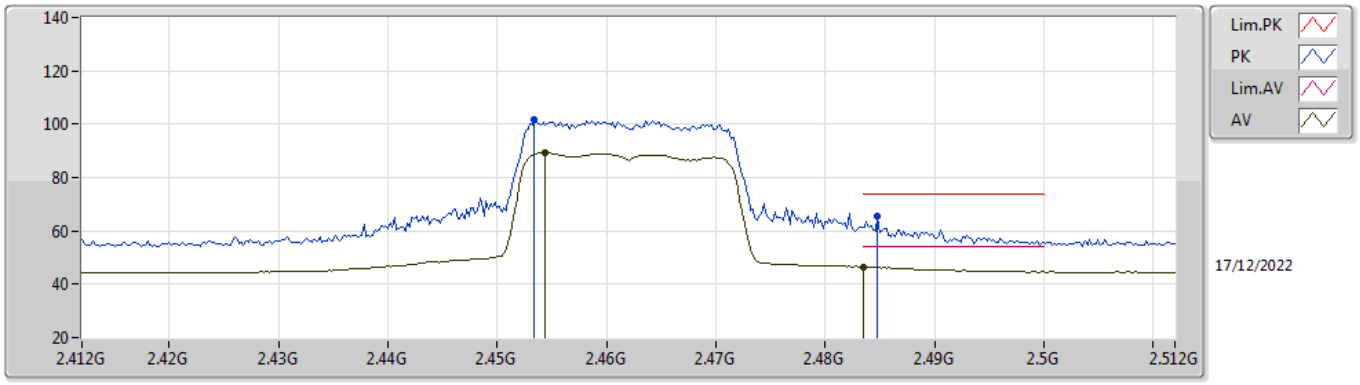


EUT X_1TX
Setting 16
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.465G	108.52	Inf	-Inf	76.10	3	Vertical	25	1.92	-	28.36	4.06	-
AV	2.4644G	96.03	Inf	-Inf	63.61	3	Vertical	25	1.92	-	28.36	4.06	-
PK	2.4852G	70.24	74.00	-3.76	37.71	3	Vertical	25	1.92	-	28.44	4.09	-
AV	2.4835G	50.81	54.00	-3.19	18.30	3	Vertical	25	1.92	-	28.43	4.08	-

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

2462MHz_TX

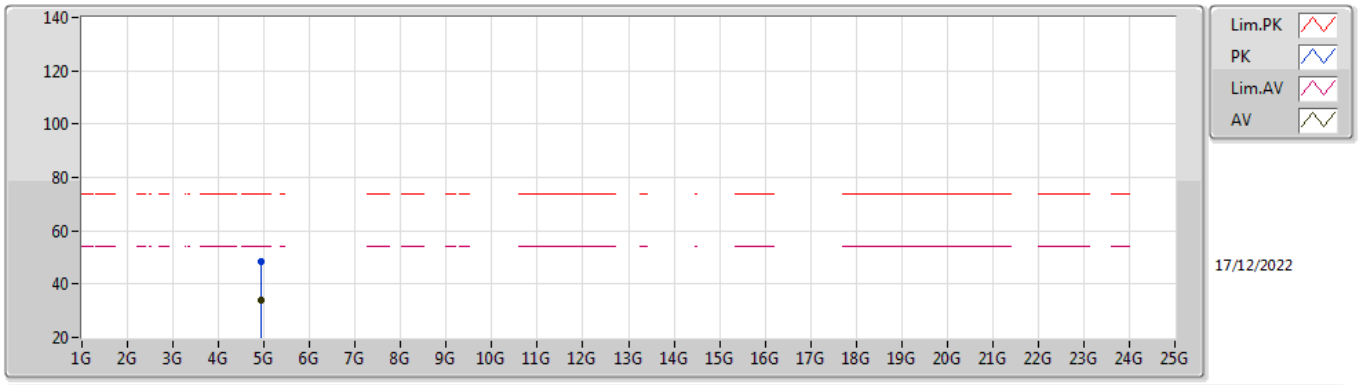


EUT X_1TX
Setting 16
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4534G	101.55	Inf	-Inf	69.19	3	Horizontal	35	1.69	-	28.31	4.05	-
AV	2.4544G	89.43	Inf	-Inf	57.06	3	Horizontal	35	1.69	-	28.32	4.05	-
PK	2.4848G	65.26	74.00	-8.74	32.74	3	Horizontal	35	1.69	-	28.44	4.08	-
AV	2.4835G	46.44	54.00	-7.56	13.93	3	Horizontal	35	1.69	-	28.43	4.08	-

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

2462MHz_TX

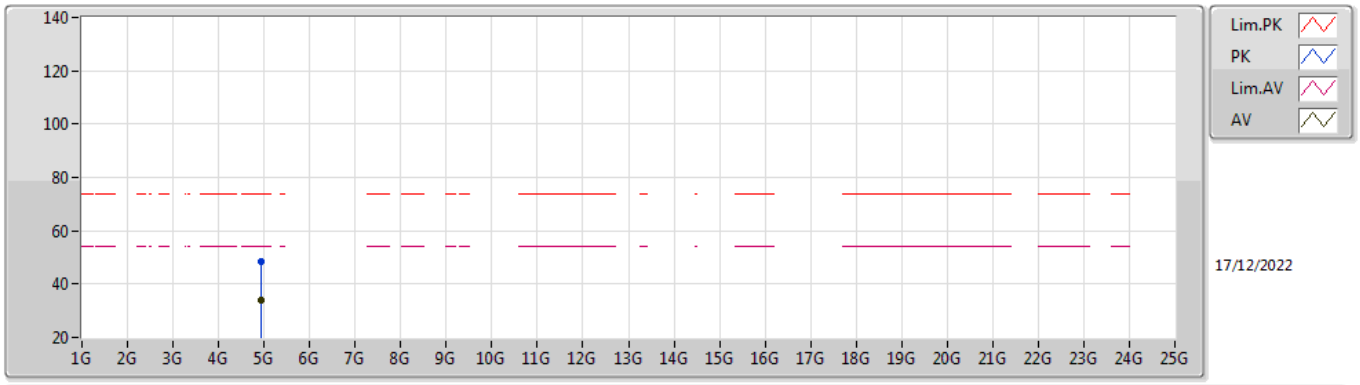


EUT X_1TX
Setting 16
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92746G	48.31	74.00	-25.69	42.89	3	Vertical	136	2.03	-	33.75	6.56	34.89
AV	4.92584G	34.12	54.00	-19.88	28.70	3	Vertical	136	2.03	-	33.75	6.56	34.89

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

2462MHz_TX

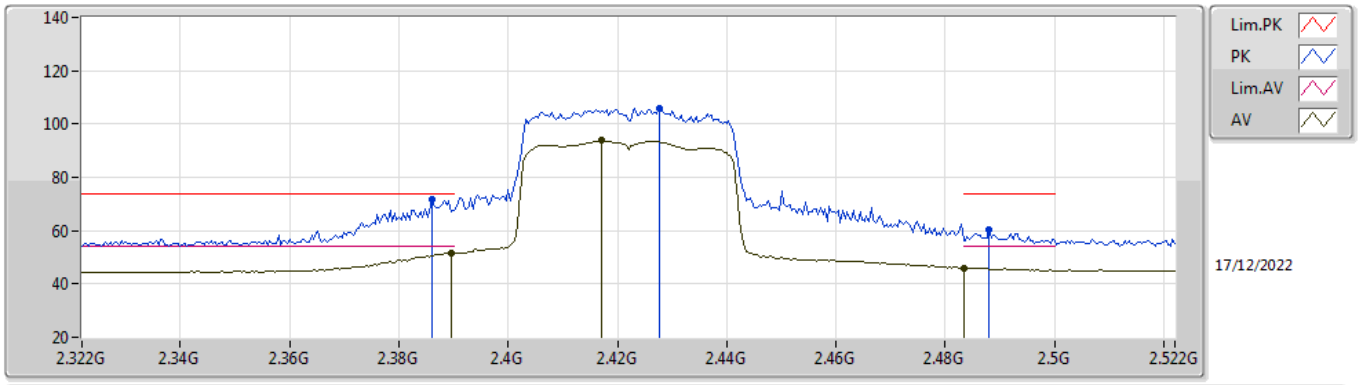


EUT X_1TX
Setting 16
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92394G	48.23	74.00	-25.77	42.81	3	Horizontal	76	2.18	-	33.75	6.56	34.89
AV	4.92742G	34.12	54.00	-19.88	28.70	3	Horizontal	76	2.18	-	33.75	6.56	34.89

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2422MHz_TX

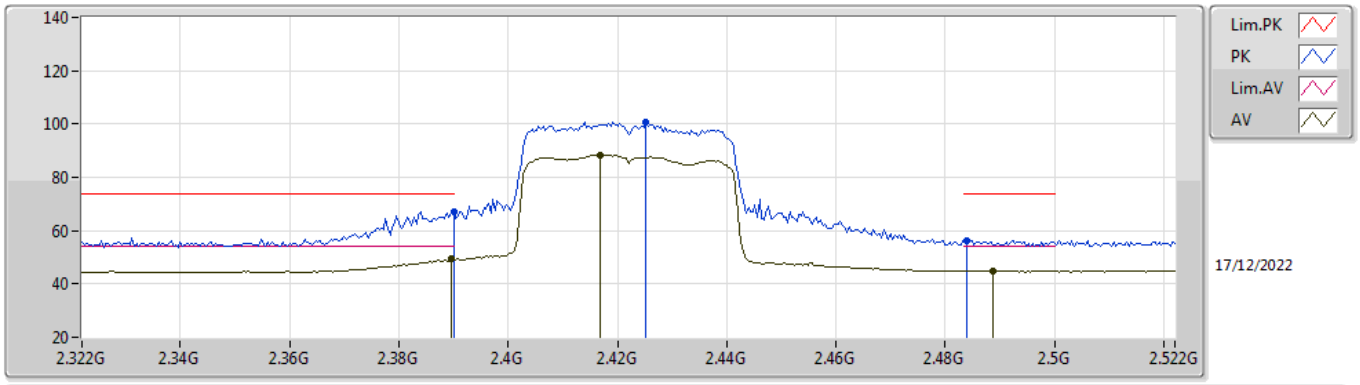


EUT X_1TX
Setting 15
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.386G	71.77	74.00	-2.23	39.54	3	Vertical	28	2.16	-	28.24	3.99	-
AV	2.3896G	51.48	54.00	-2.52	19.23	3	Vertical	28	2.16	-	28.26	3.99	-
PK	2.4276G	106.04	Inf	-Inf	73.71	3	Vertical	28	2.16	-	28.30	4.03	-
AV	2.4172G	93.79	Inf	-Inf	61.47	3	Vertical	28	2.16	-	28.30	4.02	-
PK	2.488G	60.35	74.00	-13.65	27.81	3	Vertical	28	2.16	-	28.45	4.09	-
AV	2.4835G	45.96	54.00	-8.04	13.45	3	Vertical	28	2.16	-	28.43	4.08	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2422MHz_TX

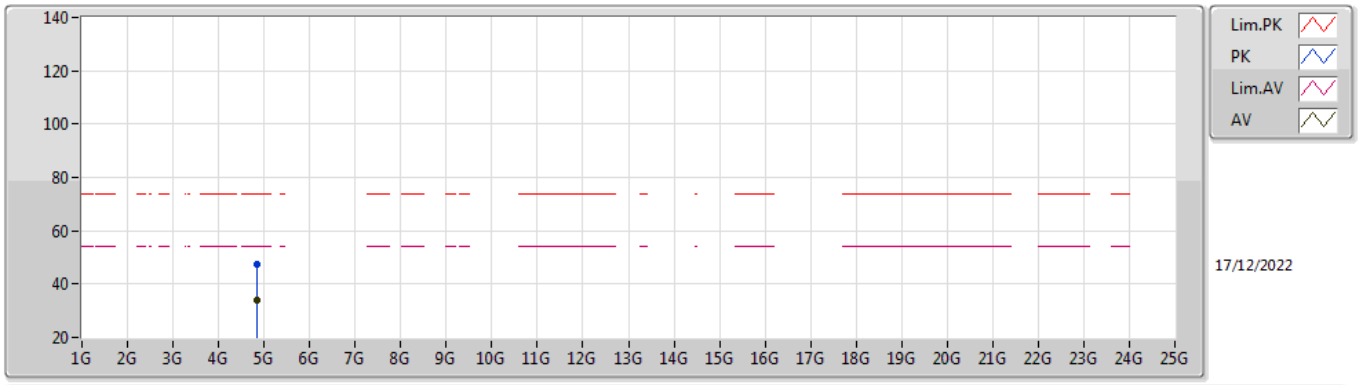


EUT X_1TX
Setting 15
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	67.08	74.00	-6.92	34.83	3	Horizontal	33	1.84	-	28.26	3.99	-
AV	2.3896G	49.29	54.00	-4.71	17.04	3	Horizontal	33	1.84	-	28.26	3.99	-
PK	2.4252G	100.84	Inf	-Inf	68.51	3	Horizontal	33	1.84	-	28.30	4.03	-
AV	2.4168G	88.48	Inf	-Inf	56.16	3	Horizontal	33	1.84	-	28.30	4.02	-
PK	2.484G	56.15	74.00	-17.85	23.63	3	Horizontal	33	1.84	-	28.44	4.08	-
AV	2.4888G	44.93	54.00	-9.07	12.38	3	Horizontal	33	1.84	-	28.46	4.09	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2422MHz_TX

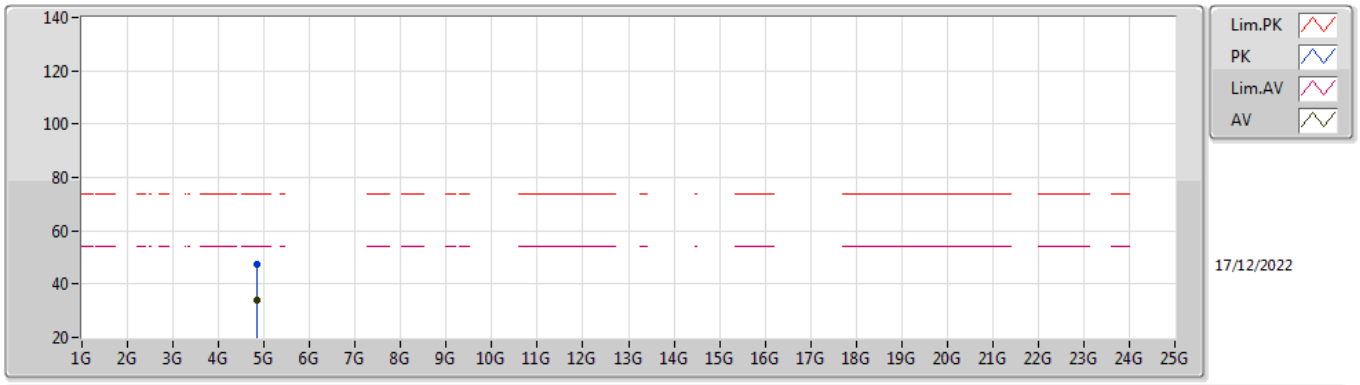


EUT X_1TX
Setting 15
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84118G	47.29	74.00	-26.71	42.22	3	Vertical	26	1.37	-	33.45	6.52	34.90
AV	4.84228G	33.83	54.00	-20.17	28.76	3	Vertical	26	1.37	-	33.45	6.52	34.90

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2422MHz_TX

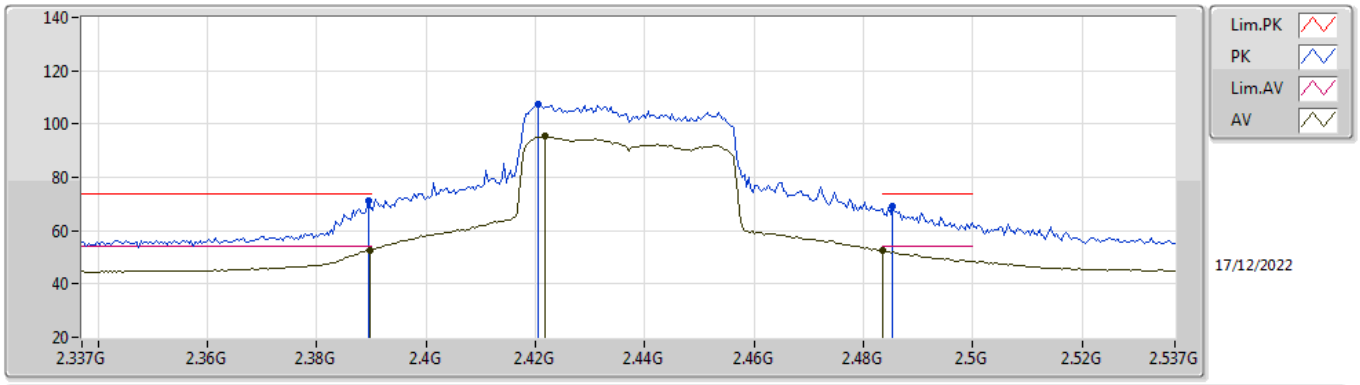


EUT X_1TX
Setting 15
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84G	47.53	74.00	-26.47	42.47	3	Horizontal	285	2.71	-	33.44	6.52	34.90
AV	4.8412G	33.94	54.00	-20.06	28.87	3	Horizontal	285	2.71	-	33.45	6.52	34.90

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2437MHz_TX

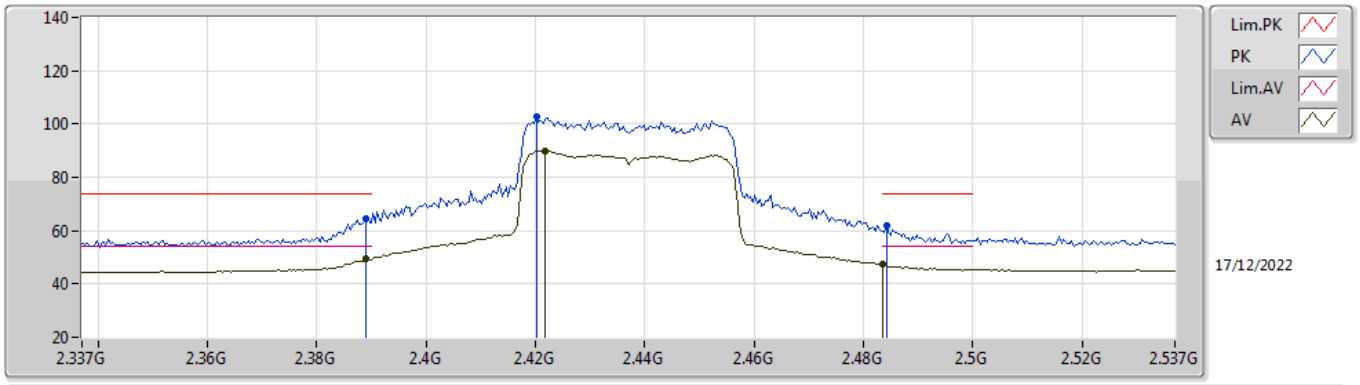


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	71.22	74.00	-2.78	38.97	3	Vertical	26	2.16	-	28.26	3.99	-
AV	2.3898G	52.84	54.00	-1.16	20.59	3	Vertical	26	2.16	-	28.26	3.99	-
PK	2.4206G	107.25	Inf	-Inf	74.93	3	Vertical	26	2.16	-	28.30	4.02	-
AV	2.4218G	95.32	Inf	-Inf	63.00	3	Vertical	26	2.16	-	28.30	4.02	-
PK	2.4854G	69.08	74.00	-4.92	36.55	3	Vertical	26	2.16	-	28.44	4.09	-
AV	2.4835G	52.41	54.00	-1.59	19.90	3	Vertical	26	2.16	-	28.43	4.08	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2437MHz_TX

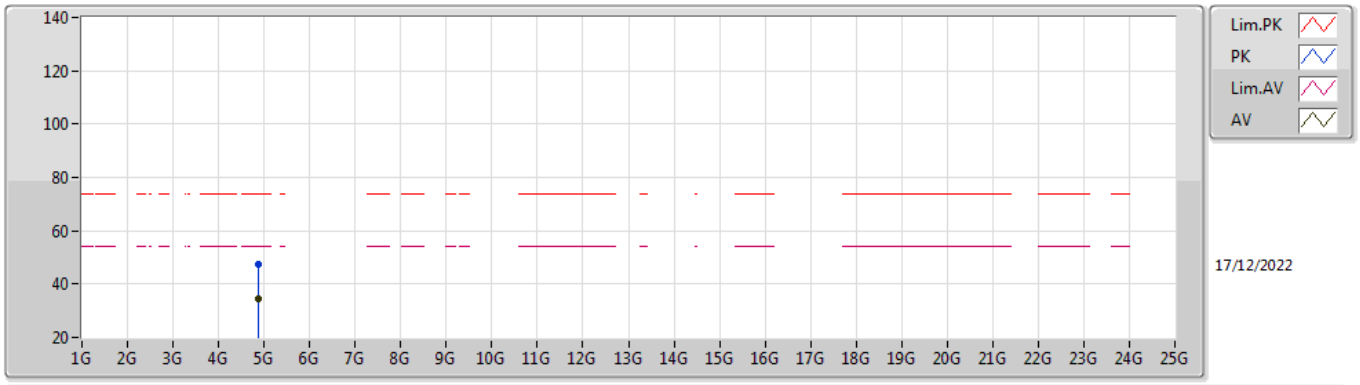


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	64.67	74.00	-9.33	32.42	3	Horizontal	33	1.83	-	28.26	3.99	-
AV	2.389G	49.24	54.00	-4.76	16.99	3	Horizontal	33	1.83	-	28.26	3.99	-
PK	2.4202G	102.84	Inf	-Inf	70.52	3	Horizontal	33	1.83	-	28.30	4.02	-
AV	2.4218G	90.04	Inf	-Inf	57.72	3	Horizontal	33	1.83	-	28.30	4.02	-
PK	2.4842G	61.93	74.00	-12.07	29.41	3	Horizontal	33	1.83	-	28.44	4.08	-
AV	2.4835G	47.18	54.00	-6.82	14.67	3	Horizontal	33	1.83	-	28.43	4.08	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2437MHz_TX

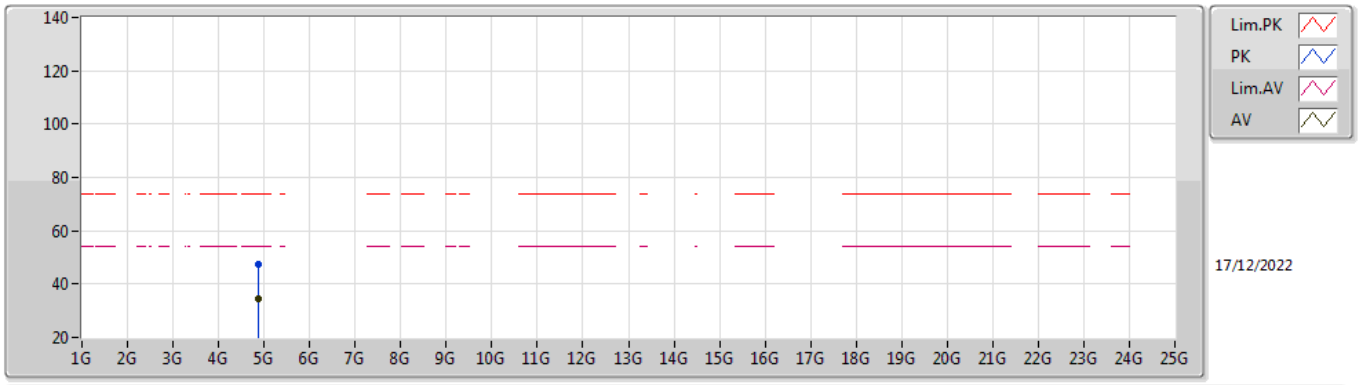


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87856G	47.55	74.00	-26.45	42.29	3	Vertical	297	1.59	-	33.61	6.54	34.89
AV	4.87422G	34.47	54.00	-19.53	29.23	3	Vertical	297	1.59	-	33.60	6.54	34.90

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2437MHz_TX

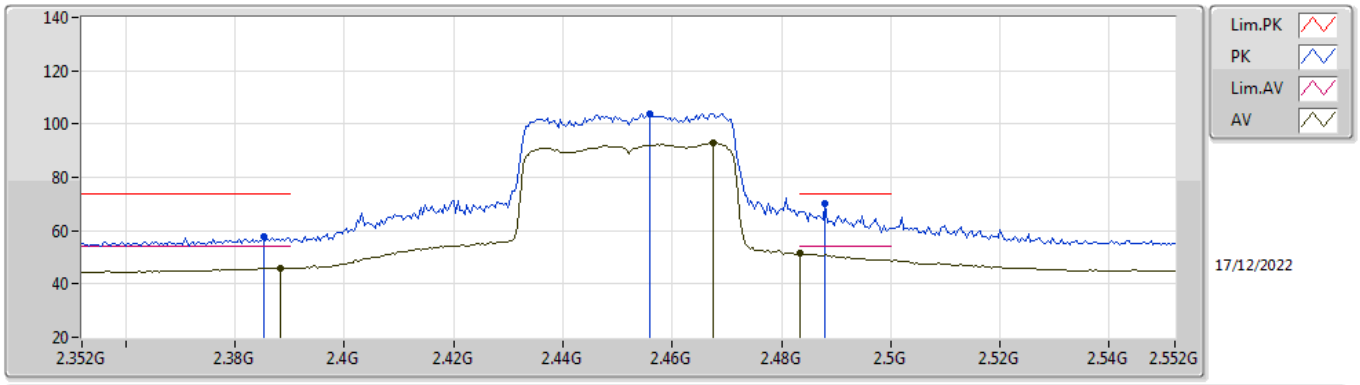


EUT X_1TX
Setting 17
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87456G	47.54	74.00	-26.46	42.30	3	Horizontal	109	1.36	-	33.60	6.54	34.90
AV	4.87804G	34.49	54.00	-19.51	29.23	3	Horizontal	109	1.36	-	33.61	6.54	34.89

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz_TX

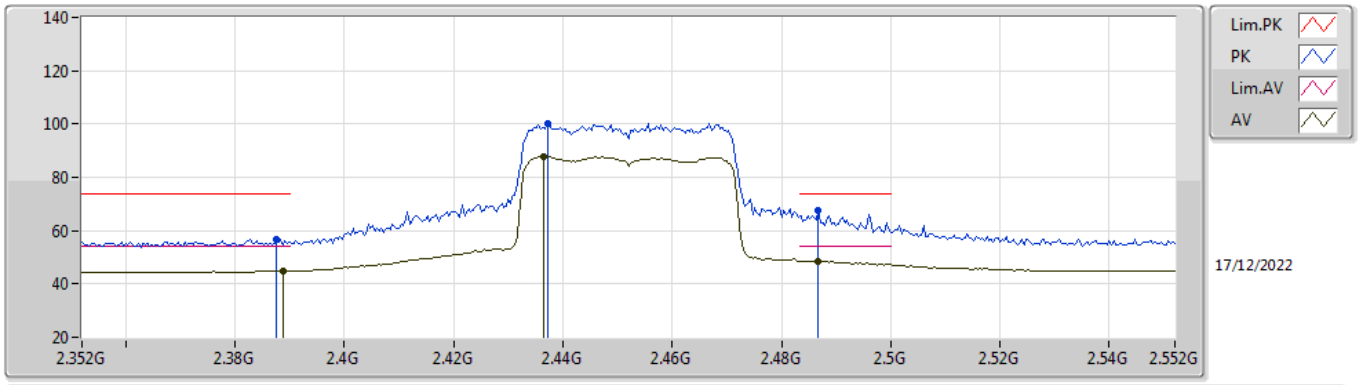


EUT X_1TX
Setting 16
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA	
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)	
PK	2.3852G	57.56	74.00	-16.44	25.33	3	Vertical	22	1.93	-	28.24	3.99	-	
AV	2.3884G	45.85	54.00	-8.15	13.61	3	Vertical	22	1.93	-	28.25	3.99	-	
PK	2.456G	103.86	Inf	-Inf	71.48	3	Vertical	22	1.93	-	28.32	4.06	-	
AV	2.4676G	93.03	Inf	-Inf	60.59	3	Vertical	22	1.93	-	28.37	4.07	-	
PK	2.488G	70.31	74.00	-3.69	37.77	3	Vertical	22	1.93	-	28.45	4.09	-	
AV	2.4835G	51.34	54.00	-2.66	18.83	3	Vertical	22	1.93	-	28.43	4.08	-	

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz_TX

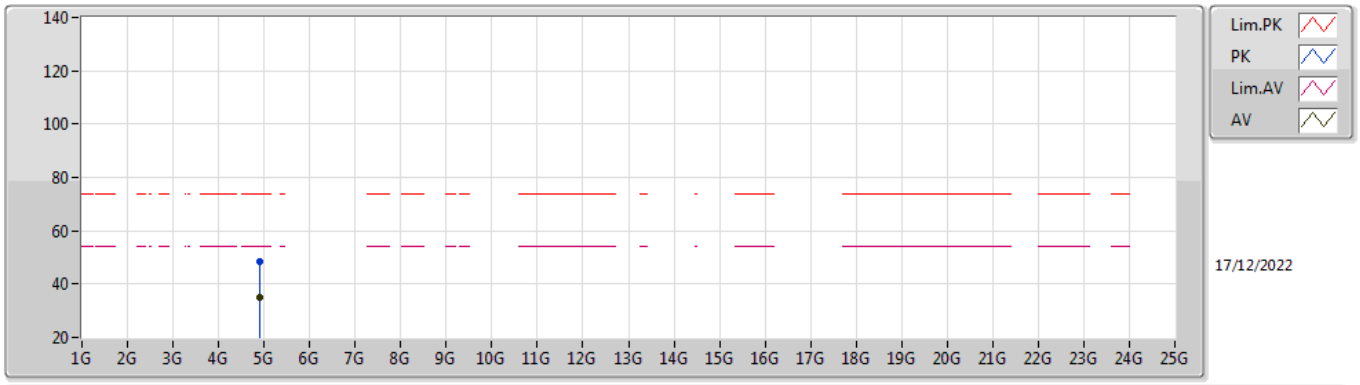


EUT X_1TX
Setting 16
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3876G	56.95	74.00	-17.05	24.71	3	Horizontal	36	1.73	-	28.25	3.99	-
AV	2.3888G	44.81	54.00	-9.19	12.56	3	Horizontal	36	1.73	-	28.26	3.99	-
PK	2.4372G	100.41	Inf	-Inf	68.07	3	Horizontal	36	1.73	-	28.30	4.04	-
AV	2.4364G	87.95	Inf	-Inf	55.61	3	Horizontal	36	1.73	-	28.30	4.04	-
PK	2.4868G	67.42	74.00	-6.58	34.88	3	Horizontal	36	1.73	-	28.45	4.09	-
AV	2.4868G	48.64	54.00	-5.36	16.10	3	Horizontal	36	1.73	-	28.45	4.09	-

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz_TX

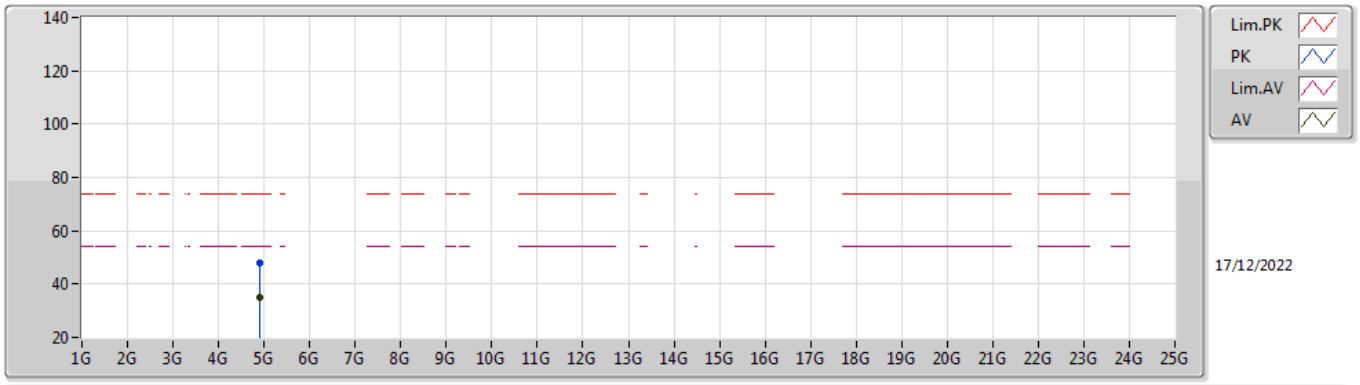


EUT X_1TX
Setting 16
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90326G	48.58	74.00	-25.42	43.21	3	Vertical	221	1.49	-	33.71	6.55	34.89
AV	4.9007G	34.93	54.00	-19.07	29.57	3	Vertical	221	1.49	-	33.70	6.55	34.89

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

2452MHz_TX



EUT X_1TX
Setting 16
03-C-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90004G	47.72	74.00	-26.28	42.36	3	Horizontal	281	2.72	-	33.70	6.55	34.89
AV	4.90268G	35.08	54.00	-18.92	29.71	3	Horizontal	281	2.72	-	33.71	6.55	34.89