Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	2AYRA-08436
Equipment	:	Linksys Velop Pro 6E
Brand Name	:	LINKSYS
Model Name	:	MX6200, MX62EC, MX62WH, MX62MS, SPNMX62, MX6203, MX6202, MX6201, MX62
Applicant	:	Linksys USA, Inc. 121 Theory, Irvine, CA. 92617, USA
Standard	:	47 CFR FCC Part 15.247

The product was received on Nov. 28, 2022, and testing was started from Nov. 29, 2022 and completed on Feb. 16, 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
FR2N2822AA	01	Initial issue of report	Mar. 22, 2023
FR2N2822AA	02	Changing the address of Applicant to “121 Theory, Irvine, CA. 92617, USA” from “121 Theory, Suite 150, Irvine, CA. 92617, USA”.	Mar. 30, 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	-

Declaration of Conformity:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen
Report Producer: Cathy Chiu

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	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	802.11ac VHT20	20	2TX
2.4-2.4835GHz	802.11ac VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX
2.4-2.4835GHz	802.11ac VHT40	40	2TX
2.4-2.4835GHz	802.11ac VHT40-BF	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX

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)
	2.4GHz	5GHz	6GHz	Bluetooth					
1	1	1	-	-	Galtronics	02102140-07691-4	PCB Antenna	I-PEX	Note1
2	2	2	-	-	Galtronics	02102140-07691-3	PCB Antenna	I-PEX	
3	-	-	1	-	Galtronics	02102475-07691-3	PCB Antenna	I-PEX	
4	-	-	2	-	Galtronics	02102475-07691-4	PCB Antenna	I-PEX	
5	-	-	-	1	Galtronics	02102073-07691	PCB Antenna	I-PEX	

Note1:

Ant.	Antenna Gain (dBi)									
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8	Bluetooth
1	2.626	3.600	3.535	3.323	3.333	-	-	-	-	-
2	2.626	3.600	3.535	3.323	3.333	-	-	-	-	-
3	-	-	-	-	-	3.076	3.246	3.429	3.429	-
4	-	-	-	-	-	3.076	3.246	3.429	3.429	-
5	-	-	-	-	-	-	-	-	-	2.562

Note2: The above information was declared by manufacturer.

Note3: Directional gain information

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

Ex.

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

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

$g_{j,k} = (Nss1(g1,1) + Nss1(g1,2))^2$

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

Where ;

2.4G G1= 2.626 dBi ;2.4G G2= 2.626 dBi ;DG= 5.636dBi

5G UNII-1 G1= 3.6 dBi ;5G Band1 G2= 3.6 dBi ;DG= 6.610dBi

5G UNII-2A G1= 3.535 dBi ;5G Band2 G2= 3.535 dBi ;DG= 6.545dBi

5G UNII-2C G1= 3.323 dBi ;5G Band3 G2= 3.323 dBi ;DG= 6.333dBi

5G UNII-3 G1= 3.333 dBi ;5G Band4 G2= 3.333 dBi ;DG= 6.343dBi

6G UNII-5 G1= 3.076 dBi ;6.2G G2= 3.076 dBi ;DG= 6.086dBi

6G UNII-6 G1= 3.246 dBi ;6.4G G2= 3.246 dBi ;DG= 6.256dBi

6G UNII-7 G1= 3.429 dBi ;6.7G G2= 3.429 dBi ;DG= 6.439dBi

6G UNII-8 G1= 3.429 dBi ;7G G2= 3.429 dBi ;DG= 6.439dBi

<For 2.4GHz function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For 6GHz function>

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

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

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

Port 1 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.999	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g	0.994	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.97	0.13	3.745ms	10
802.11ax HEW40-BF	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/ax in 2.4GHz, n/ac/ax in 5GHz and ax in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Non-beamforming: QRCT V4.0.209.0 Beamforming: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

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

Model Name	Description
MX6200	All the models are identical, the difference model for difference model served as marketing strategy.
MX62EC	
MX62WH	
MX62MS	
SPNMX62	
MX6203	
MX6202	
MX6201	
MX62	

Note 1: From the above models, model: MX6200 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.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	16.5~17.5 / 61~64	Jan. 31, 2023~ Feb. 02, 2023
Radiated (below 1GHz)	10CH01-CB	Tim Chen	19~20 / 56~57	Feb. 15, 2023 ~ Feb. 16, 2023
Radiated (above 1GHz)	03CH01-CB	Ken Yeh	21.7~22 / 61~64	Nov. 29, 2022~ Feb. 13, 2023
	03CH03-CB	Ken Yeh	21.7~23.2 / 60~63	Nov. 29, 2022~ Feb. 13, 2023
Radiated (co-location)	03CH03-CB	Ken Yeh	21.7~23.2 / 60~63	Nov. 29, 2022~ Feb. 13, 2023
AC Conduction	CO01-CB	Tim Chen	22~23 / 56~57	Jan. 12, 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)

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.4 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	21.5
2417MHz	23.5
2437MHz	26
2457MHz	25
2462MHz	23
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	23
2437MHz	25
2462MHz	23
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
2412MHz	24
2437MHz	27
2462MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
2422MHz	24
2437MHz	25
2452MHz	23

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.
- The EUT supports non-beamforming and beamforming mode, only beamforming mode has been selected to test.

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 + Adapter 3 + plug
2	EUT + Adapter 4 + plug
3	EUT + Adapter 1
4	EUT + Adapter 2
For operating mode 2 is the worst case and it was record in this test report.	

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

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

Operating Mode > 1GHz	CTX
After evaluating, the worst case was found at Z axis, so it was selected to perform test and its test result was written in the report.	
1	EUT in Z axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Bluetooth + WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA2N2822 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 10 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Client and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter 1	Ktec	KSA-30W-120250VU	Input: 100-240V~50/60Hz, 1.0A Output: 12.0V, 2.5A
Adapter 2	APD	WA-30P12FU	Input: 100-240V~, 50-60Hz, 0.9A Max. Output: 12.0V, 2.5A
Adapter 3	Ktec	KSA-30W-120250D5	Input: 100-240V~50/60Hz, 1.0A Output: 12.0V, 2.5A, 30.0W
Adapter 4	APD	WA-30P12R	Input: 100-240V~, 50-60Hz, 0.9A Max. Output: 12.0V, 2.5A, 30.0W
Others			
RJ-45 cable*1, non-shielded, 0.9m			
Plug 1*1 (Equip with Adapter 3 use only)			
Plug 2*1 (Equip with Adapter 4 use only)			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN1 NB	DELL	T3400	N/A
B	LAN2 NB	DELL	E6430	N/A
C	2.4G NB	DELL	T3400	N/A
D	5G NB	DELL	T3400	N/A
E	6G NB	DELL	T3400	N/A
F	Smart phone	Samsung	Galaxy J2	N/A

For Radiated Emission test below 1GHz:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	T3400	N/A

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	Lenovo	L440	N/A

For Radiated Emission test above 1GHz (Beamforming mode):

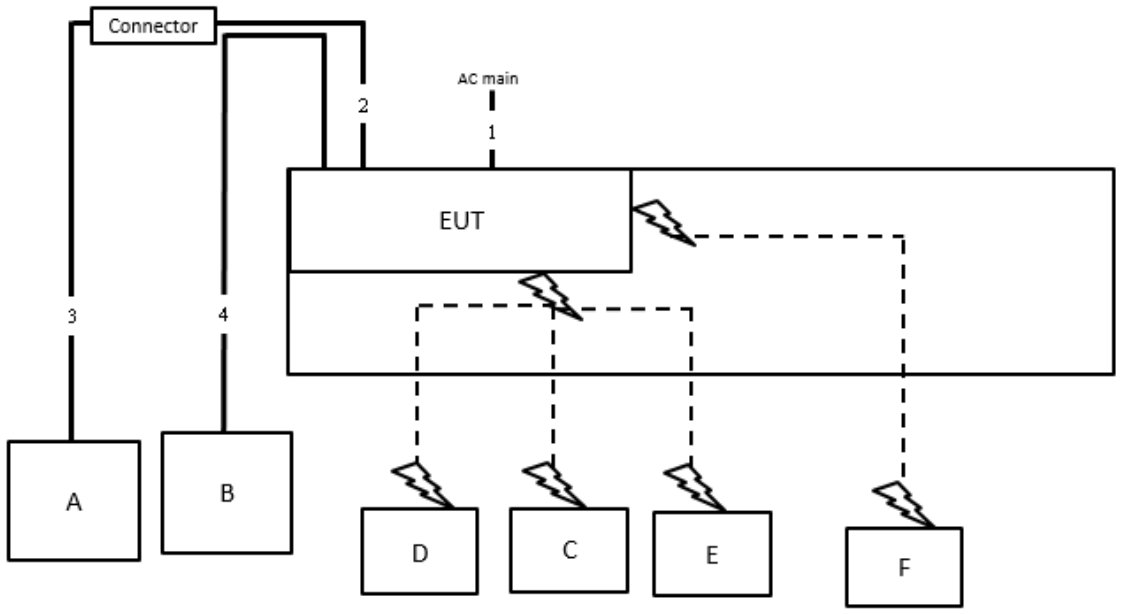
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	Lenovo	L440	N/A
B	Notebook	DELL	E4300	N/A
C	Client	Cybertan	Maple(MX6000s)	N/A

For RF Conducted:

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

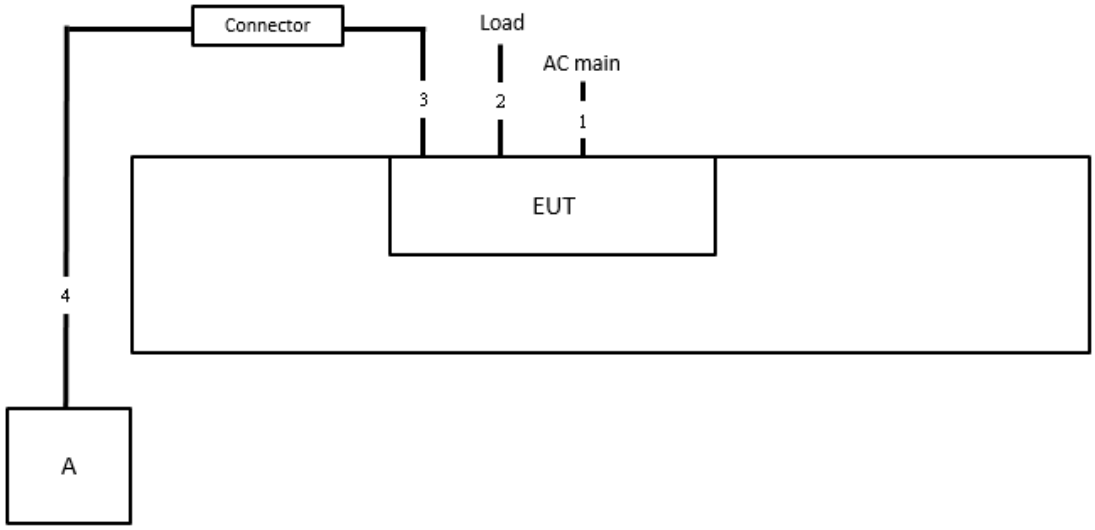
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



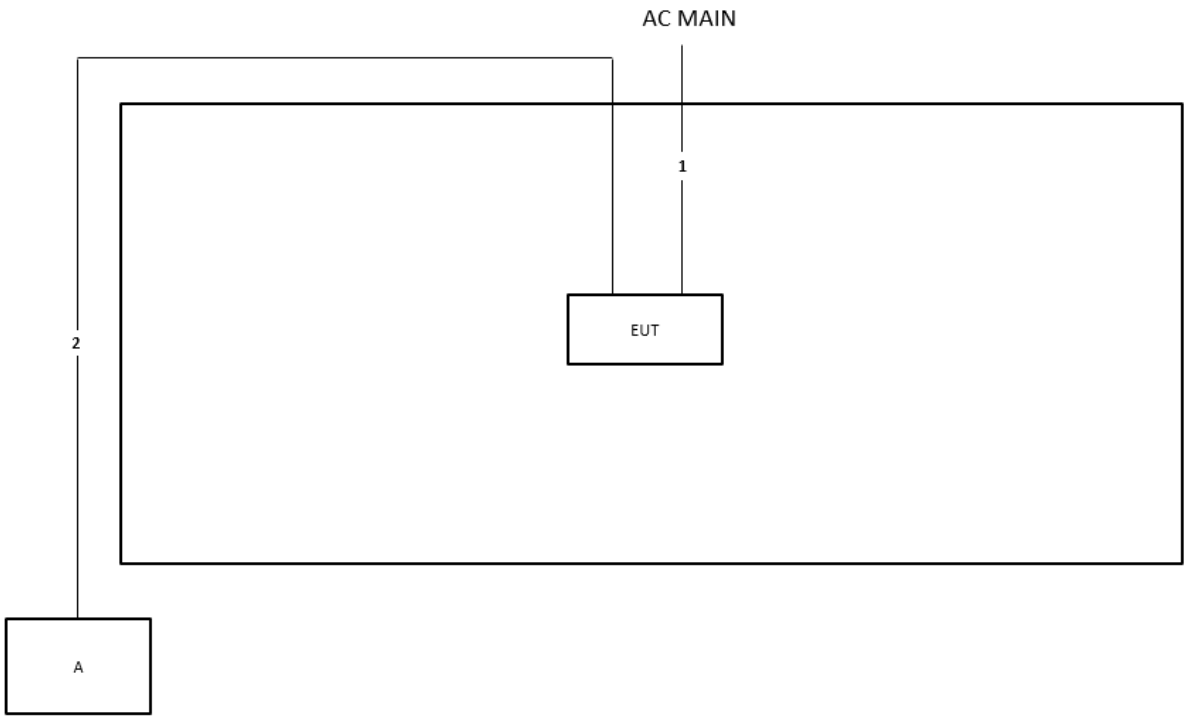
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	0.9m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



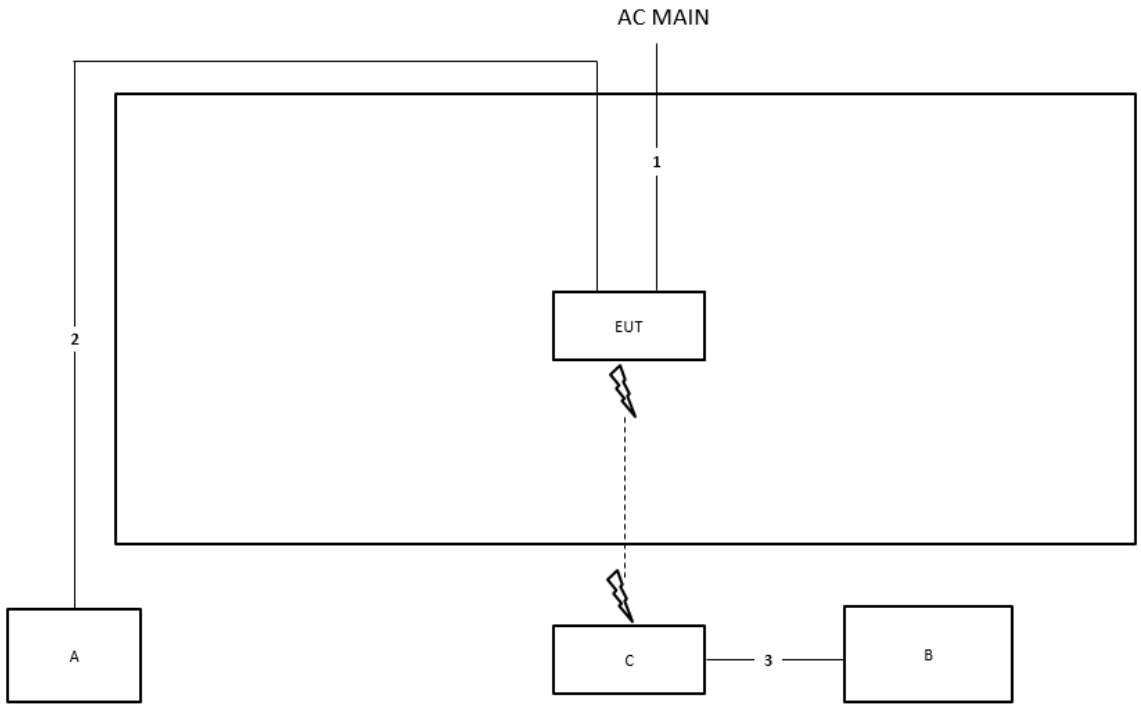
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	0.9m
4	RJ-45 cable	No	10m

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



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

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



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

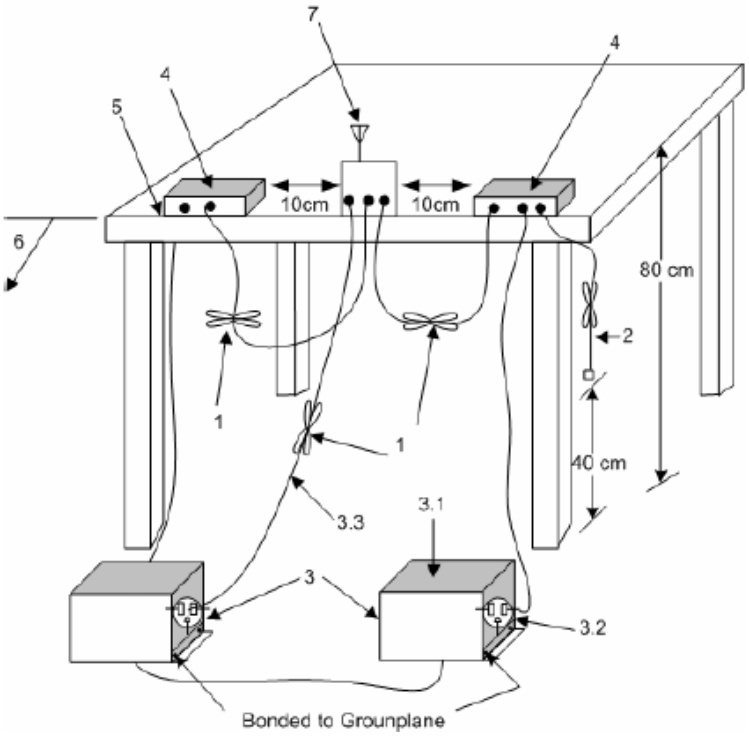
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

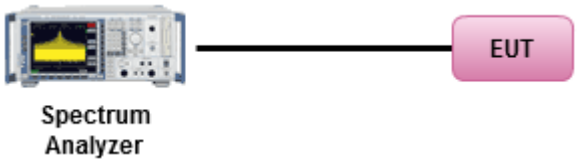
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

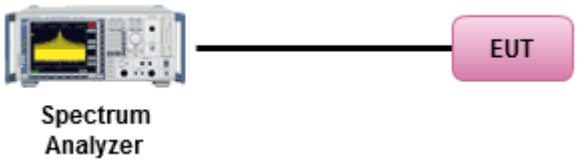
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	**Limit (dBc)**
Peak output power procedure	20
Average output power procedure	30

Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.

Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.

3.5.2 Measuring Instruments

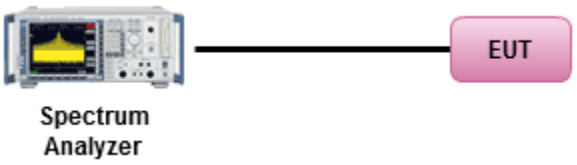
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

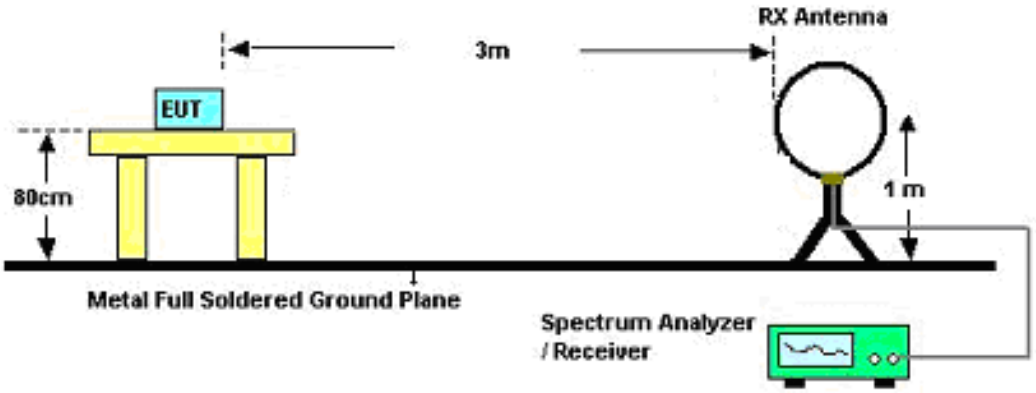
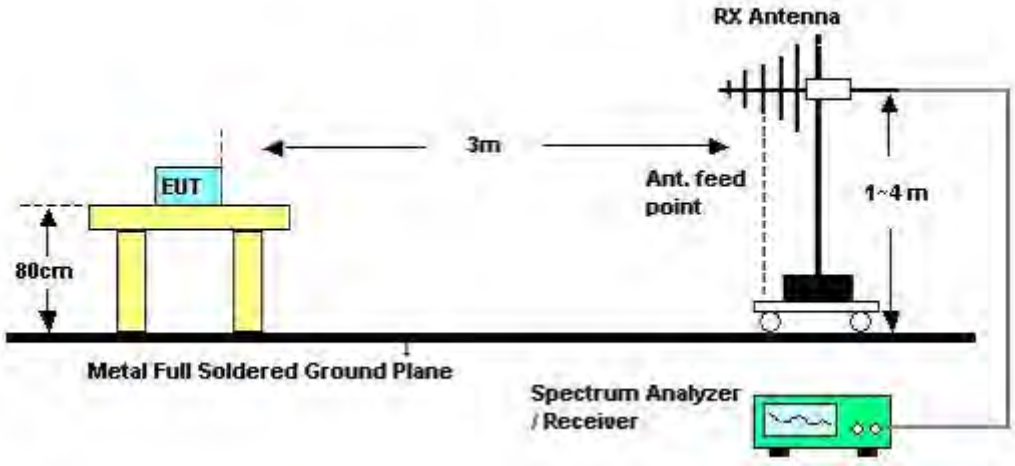
3.6.2 Measuring Instruments

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

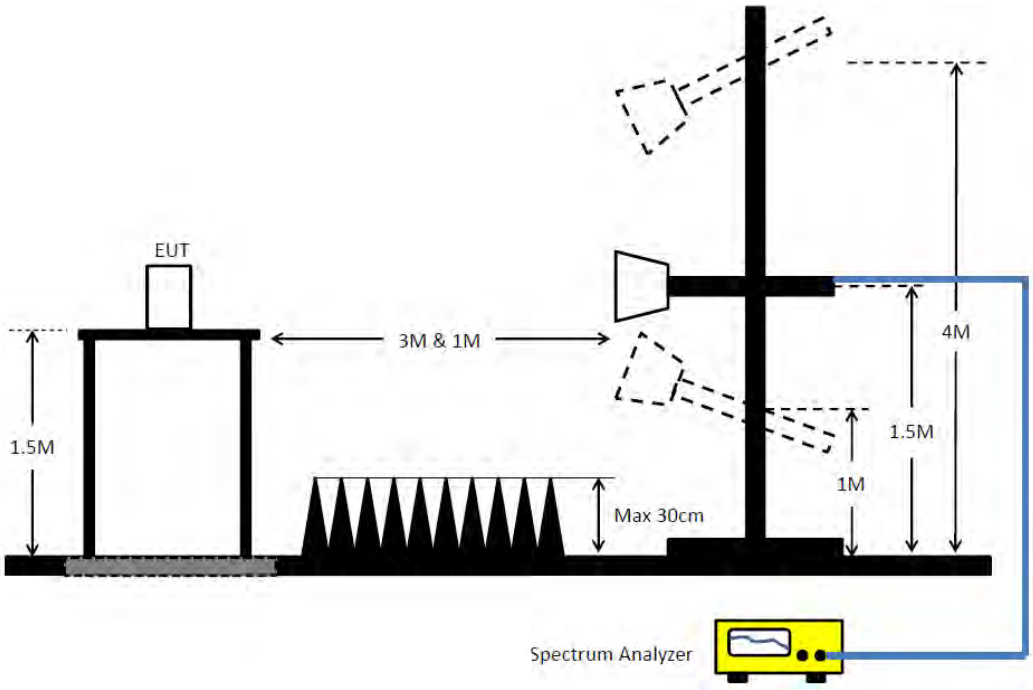
3.6.3 Test Procedures

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

3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands
9kHz ~30MHz

30MHz~1GHz


Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 18, 2022	Oct. 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 18, 2023	Jan. 17, 2024	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
EMI Test Receiver	Rohde&Schwarz	ESCI	100186	9kHz ~ 3GHz	Jul. 11, 2022	Jul. 10, 2023	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde&Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 22, 2022	Apr. 21, 2023	Radiation (10CH01-CB)
Bilog Antenna with 6dB Attenuator	Chase & EMCI	CBL6111A &N-6-06	1543 &AT-N0609	30MHz ~ 1GHz	Jun. 25, 2022	Jun. 24, 2023	Radiation (10CH01-CB)
Amplifier	EM	EM101	060703	10MHz ~ 1GHz	Oct. 19, 2022	Oct. 18, 2023	Radiation (10CH01-CB)
Low Cable	TITAN	T318E	low cable-03	30MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2022	Nov. 03, 2023	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 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	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jun. 23, 2022	Jun. 22, 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)
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+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH03-CB)

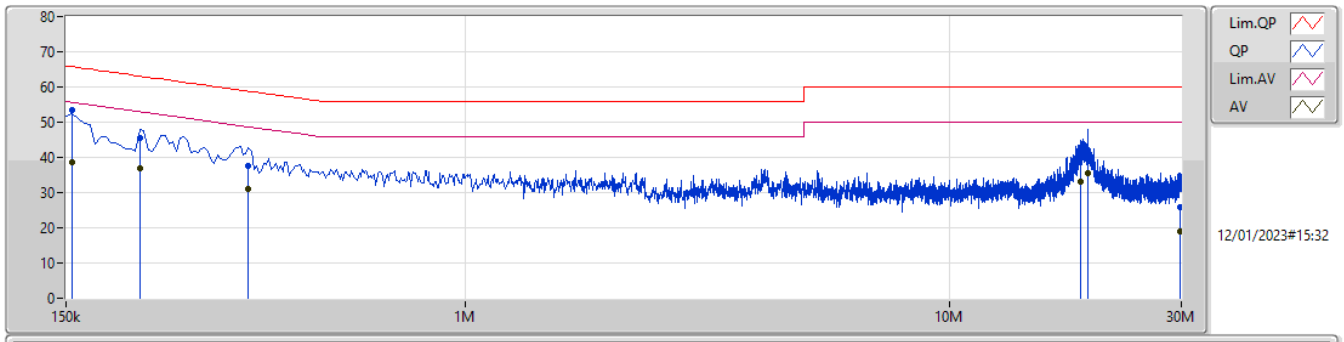
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 07, 2022	Dec. 06, 2023	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	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	101028	9kHz~40GHz	Dec. 30, 2022	Dec. 29, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2022	Sep. 03, 2023	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2022	Sep. 03, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Oct. 04, 2022	Oct. 03, 2023	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

Summary

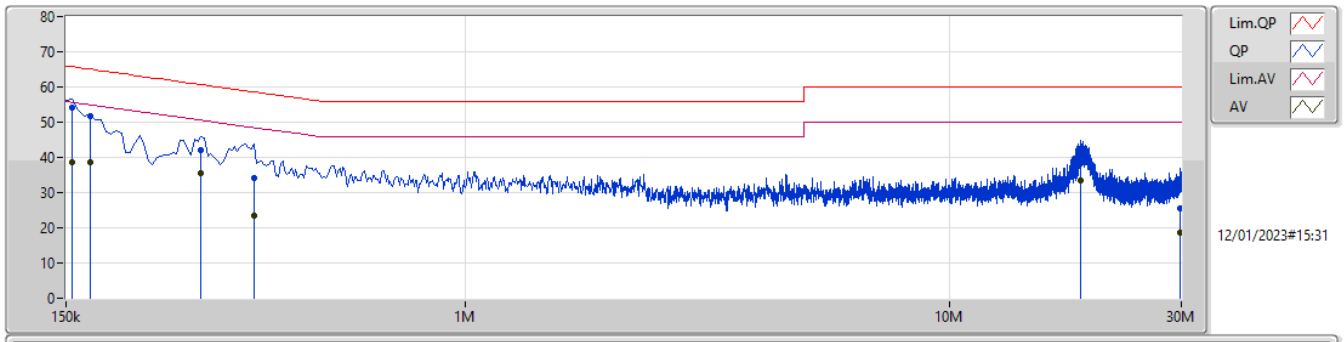
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	QP	154.5k	54.07	65.75	-11.68	Neutral

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	53.58	65.75	-12.17	9.99	Line	"Worst"	43.59	0.06	0.04	9.89
AV	154.5k	38.66	55.75	-17.09	9.99	Line	-	28.67	0.06	0.04	9.89
QP	213k	45.68	63.09	-17.41	9.99	Line	-	35.69	0.06	0.04	9.89
AV	213k	36.97	53.09	-16.12	9.99	Line	-	26.98	0.06	0.04	9.89
QP	357k	37.46	58.79	-21.33	10.01	Line	-	27.45	0.06	0.06	9.89
AV	357k	30.93	48.79	-17.86	10.01	Line	-	20.92	0.06	0.06	9.89
QP	18.569M	41.13	60.00	-18.87	10.45	Line	-	30.68	0.29	0.21	9.95
AV	18.569M	33.09	50.00	-16.91	10.45	Line	-	22.64	0.29	0.21	9.95
QP	19.239M	42.19	60.00	-17.81	10.47	Line	-	31.72	0.30	0.21	9.96
AV	19.239M	35.65	50.00	-14.35	10.47	Line	-	25.18	0.30	0.21	9.96
QP	29.895M	25.94	60.00	-34.06	10.76	Line	-	15.18	0.40	0.34	10.02
AV	29.895M	19.09	50.00	-30.91	10.76	Line	-	8.33	0.40	0.34	10.02

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	54.07	65.75	-11.68	10.00	Neutral	"Worst"	44.07	0.07	0.04	9.89
AV	154.5k	38.70	55.75	-17.05	10.00	Neutral	-	28.70	0.07	0.04	9.89
QP	168k	51.86	65.06	-13.20	10.00	Neutral	-	41.86	0.07	0.04	9.89
AV	168k	38.49	55.06	-16.57	10.00	Neutral	-	28.49	0.07	0.04	9.89
QP	285k	42.21	60.67	-18.46	10.01	Neutral	-	32.20	0.07	0.05	9.89
AV	285k	35.61	50.67	-15.06	10.01	Neutral	-	25.60	0.07	0.05	9.89
QP	366k	34.08	58.60	-24.52	10.02	Neutral	-	24.06	0.07	0.06	9.89
AV	366k	23.55	48.60	-25.05	10.02	Neutral	-	13.53	0.07	0.06	9.89
QP	18.564M	40.91	60.00	-19.09	10.45	Neutral	-	30.46	0.29	0.21	9.95
AV	18.564M	33.49	50.00	-16.51	10.45	Neutral	-	23.04	0.29	0.21	9.95
QP	29.814M	25.52	60.00	-34.48	10.67	Neutral	-	14.85	0.31	0.34	10.02
AV	29.814M	18.58	50.00	-31.42	10.67	Neutral	-	7.91	0.31	0.34	10.02

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.025M	13.192M	13M2G1D	7.1M	12.982M
802.11g_Nss1,(6Mbps)_2TX	15.05M	16.274M	16M3D1D	14.95M	16.245M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15M	18.819M	18M8D1D	13.75M	18.781M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	36.75M	37.575M	37M6D1D	16.65M	37.353M

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

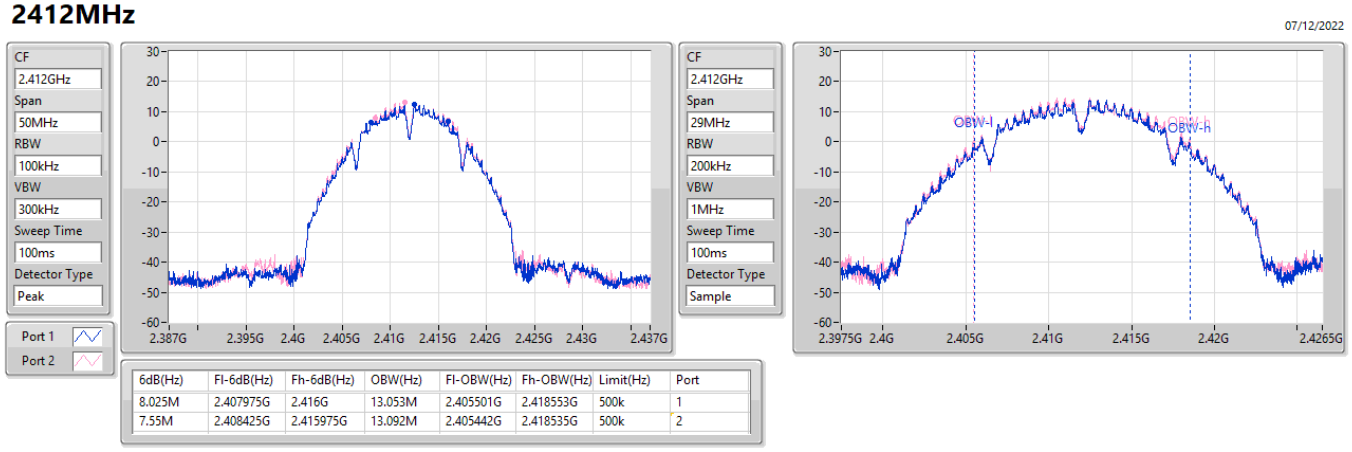
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.025M	13.053M	7.55M	13.092M
2437MHz	Pass	500k	7.1M	12.982M	7.55M	13.045M
2462MHz	Pass	500k	7.575M	13.091M	7.1M	13.192M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.05M	16.27M	14.95M	16.271M
2437MHz	Pass	500k	15.025M	16.25M	14.95M	16.257M
2462MHz	Pass	500k	15M	16.245M	15.025M	16.274M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	13.75M	18.819M	14.975M	18.804M
2437MHz	Pass	500k	13.8M	18.799M	13.775M	18.797M
2462MHz	Pass	500k	15M	18.806M	15M	18.781M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	23.25M	37.484M	31.35M	37.353M
2437MHz	Pass	500k	35.1M	37.473M	36.75M	37.544M
2452MHz	Pass	500k	16.65M	37.575M	33.1M	37.561M

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

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

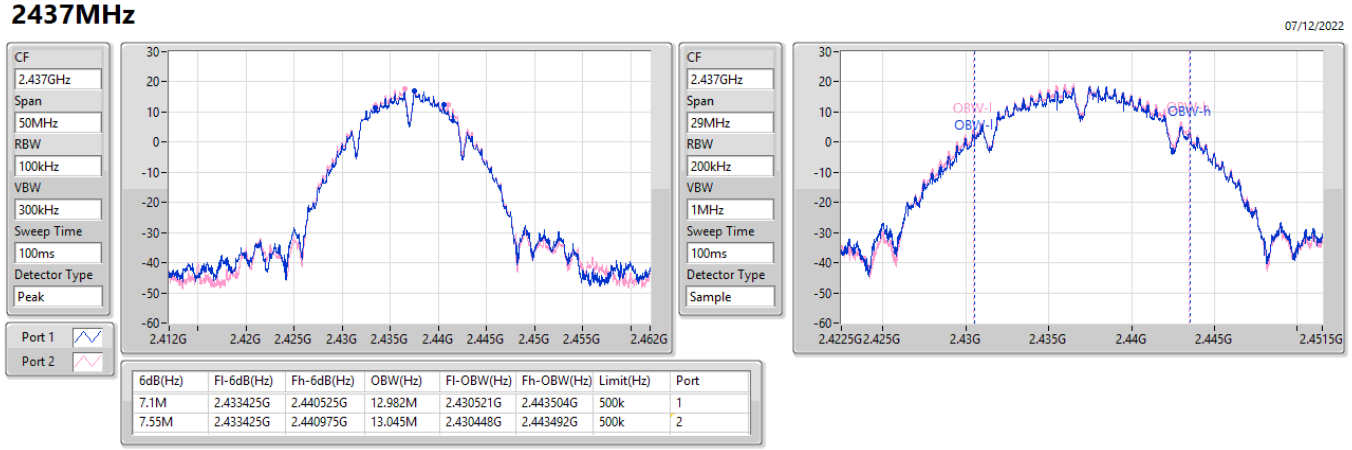
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.025M	2.407975G	2.416G	13.053M	2.405501G	2.418553G	500k	1
7.55M	2.408425G	2.415975G	13.092M	2.405442G	2.418535G	500k	2

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

2437MHz

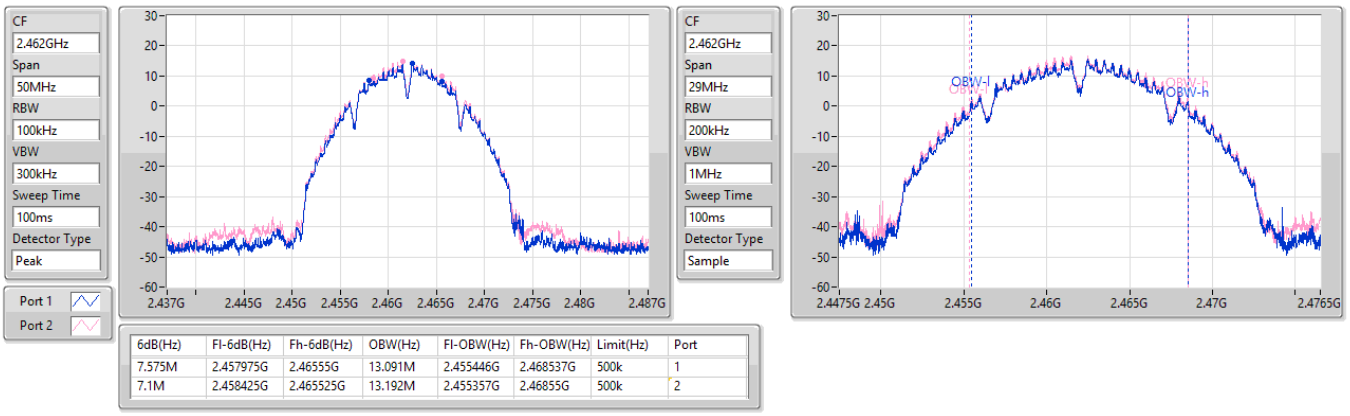


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.1M	2.433425G	2.440525G	12.982M	2.430521G	2.443504G	500k	1
7.55M	2.433425G	2.440975G	13.045M	2.430448G	2.443492G	500k	2

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

2462MHz

07/12/2022

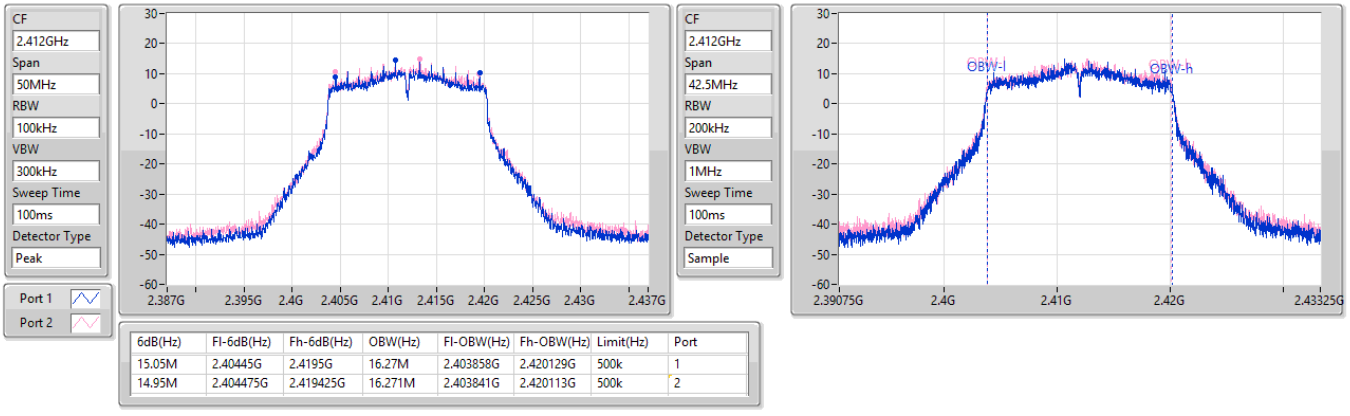


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.575M	2.457975G	2.46555G	13.091M	2.455446G	2.468537G	500k	1
7.1M	2.458425G	2.465525G	13.192M	2.455357G	2.46855G	500k	2

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

2412MHz

07/12/2022

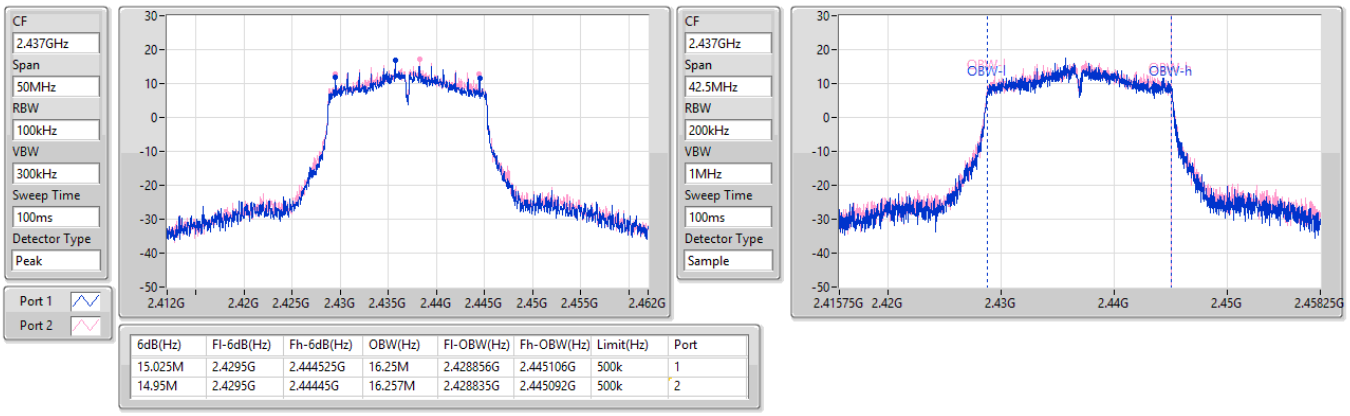


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.05M	2.40445G	2.4195G	16.27M	2.403858G	2.420129G	500k	1
14.95M	2.404475G	2.419425G	16.271M	2.403841G	2.420113G	500k	2

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

2437MHz

07/12/2022

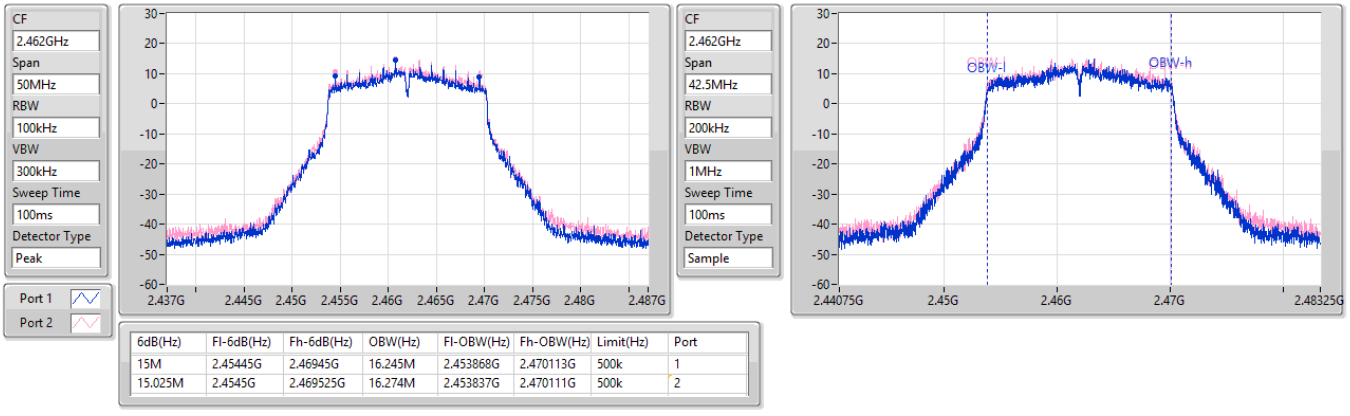


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.025M	2.4295G	2.444525G	16.25M	2.428856G	2.445106G	500k	1
14.95M	2.4295G	2.44445G	16.257M	2.428835G	2.445092G	500k	2

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

2462MHz

07/12/2022

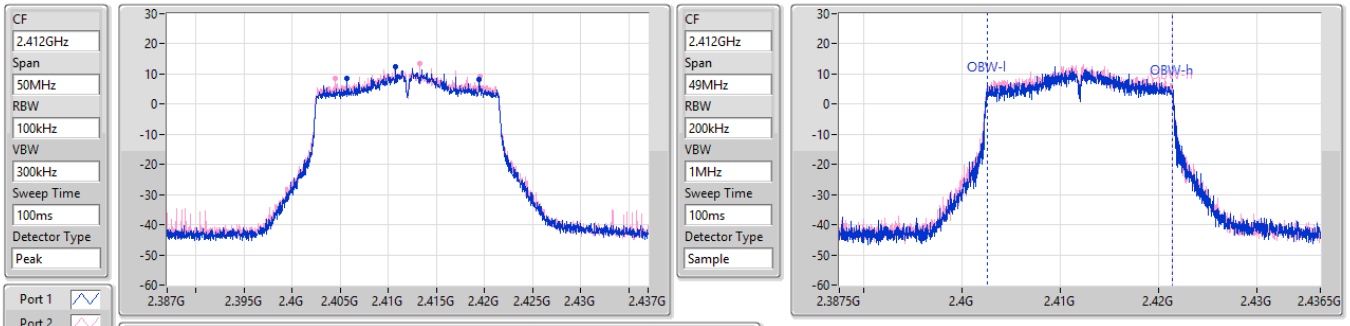


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.45445G	2.46945G	16.245M	2.453868G	2.470113G	500k	1
15.025M	2.4545G	2.469525G	16.274M	2.453837G	2.470111G	500k	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2412MHz

07/12/2022

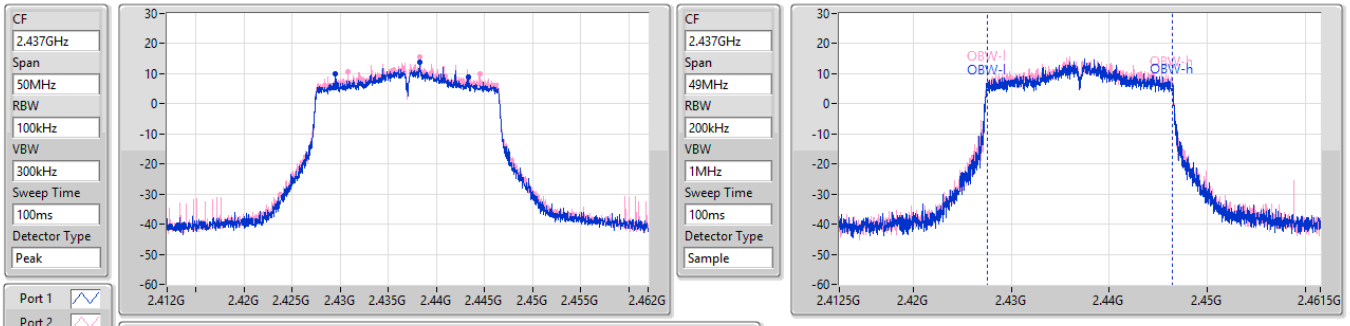


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.75M	2.4057G	2.41945G	18.819M	2.402566G	2.421386G	500k	1
14.975M	2.404525G	2.4195G	18.804M	2.402575G	2.421379G	500k	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2437MHz

07/12/2022

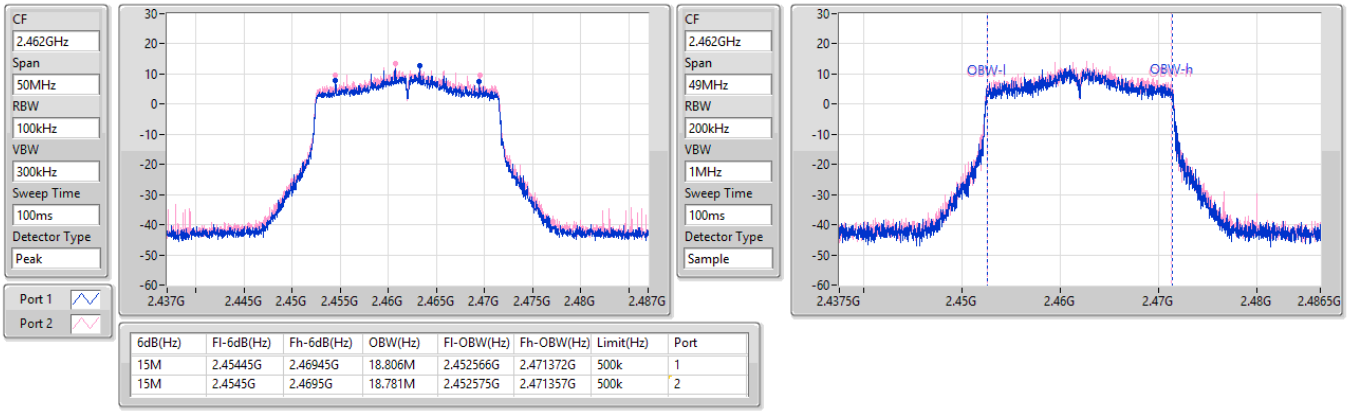


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
13.8M	2.429475G	2.443275G	18.799M	2.427582G	2.446381G	500k	1
13.775M	2.43075G	2.444525G	18.797M	2.427591G	2.446388G	500k	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

2462MHz

07/12/2022

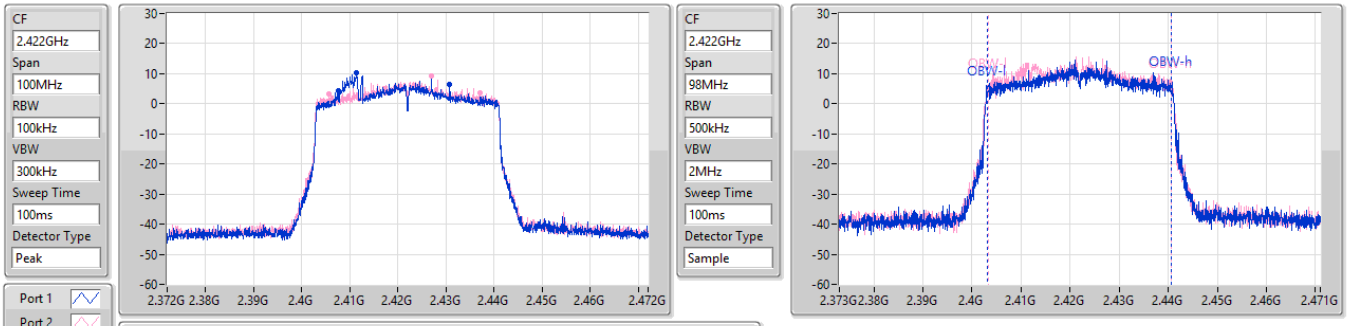


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15M	2.45445G	2.46945G	18.806M	2.452566G	2.471372G	500k	1
15M	2.4545G	2.4695G	18.781M	2.452575G	2.471357G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2422MHz

07/12/2022

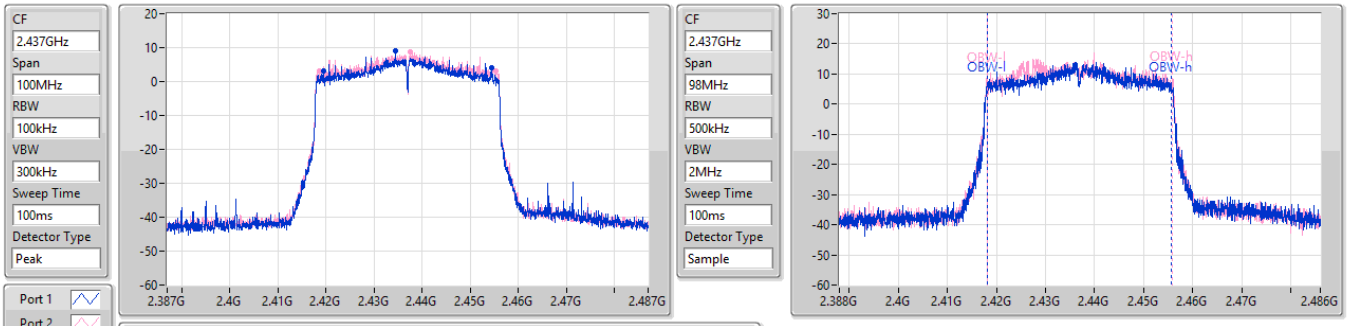


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.25M	2.4075G	2.43075G	37.484M	2.403253G	2.440737G	500k	1
31.35M	2.4057G	2.43705G	37.353M	2.40335G	2.440703G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2437MHz

07/12/2022

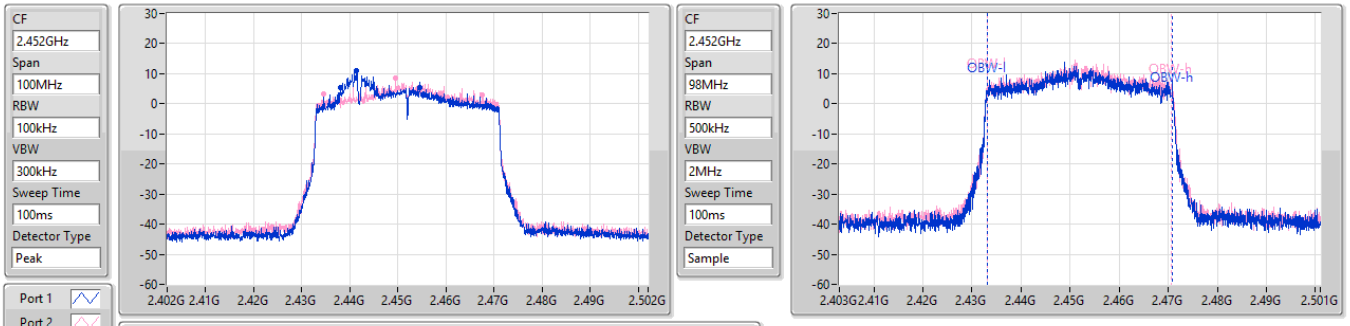


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.1M	2.41945G	2.45455G	37.473M	2.418198G	2.45567G	500k	1
36.75M	2.4187G	2.45545G	37.544M	2.418203G	2.455747G	500k	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

2452MHz

07/12/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.65M	2.43795G	2.4546G	37.575M	2.433177G	2.470752G	500k	1
33.1M	2.4345G	2.4676G	37.561M	2.433172G	2.470734G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.64	0.92045
802.11g_Nss1,(6Mbps)_2TX	28.89	0.77446
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.51	0.56364
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.46	0.35156

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.626	21.75	22.50	25.15	30.00
2417MHz	Pass	2.626	23.61	24.47	27.07	30.00
2437MHz	Pass	2.626	26.23	26.99	29.64	30.00
2457MHz	Pass	2.626	25.14	26.05	28.63	30.00
2462MHz	Pass	2.626	23.11	24.01	26.59	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.626	23.28	24.20	26.77	30.00
2417MHz						
2437MHz	Pass	2.626	25.39	26.32	28.89	30.00
2457MHz						
2462MHz	Pass	2.626	23.24	24.16	26.73	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.636	21.25	21.92	24.61	30.00
2417MHz						
2437MHz	Pass	5.636	24.01	24.94	27.51	30.00
2457MHz						
2462MHz	Pass	5.636	21.01	21.98	24.53	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.636	21.07	21.86	24.49	30.00
2437MHz	Pass	5.636	21.87	22.96	25.46	30.00
2452MHz	Pass	5.636	19.85	21.01	23.48	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	5.28
802.11g_Nss1,(6Mbps)_2TX	2.37
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	1.22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-0.43

RBW = 3kHz;

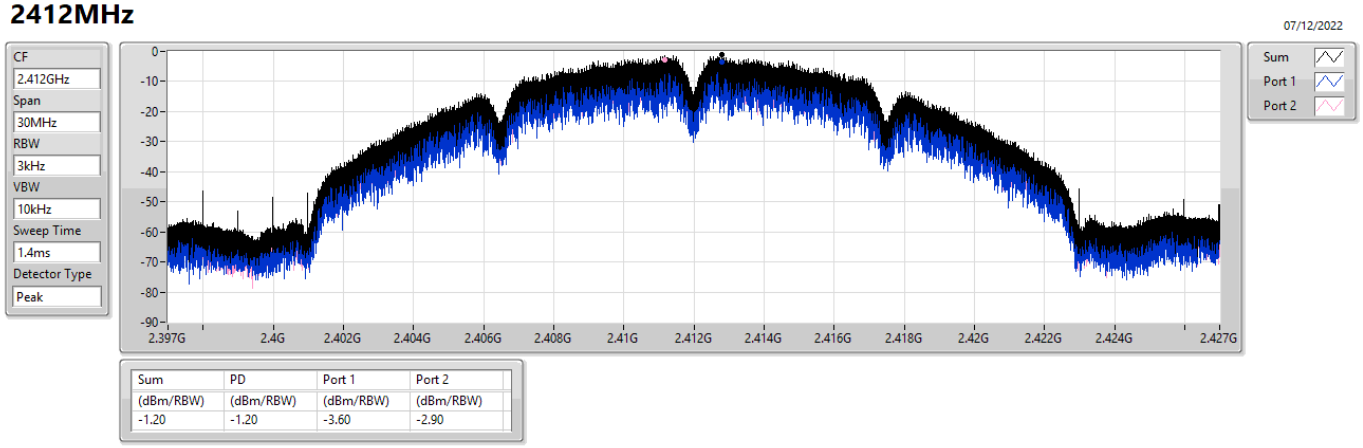
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.636	-3.60	-2.90	-1.20	8.00
2417MHz						
2437MHz	Pass	5.636	1.61	3.15	5.28	8.00
2457MHz						
2462MHz	Pass	5.636	-1.33	-2.87	0.71	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.636	-2.59	-1.26	-0.13	8.00
2417MHz						
2437MHz	Pass	5.636	0.96	0.18	2.37	8.00
2457MHz						
2462MHz	Pass	5.636	-0.58	-1.21	0.72	8.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.636	-2.49	-1.58	-0.19	8.00
2417MHz						
2437MHz	Pass	5.636	-1.15	-1.35	1.22	8.00
2457MHz						
2462MHz	Pass	5.636	-4.19	-3.08	-1.66	8.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.636	-0.51	-5.63	-0.43	8.00
2437MHz	Pass	5.636	-6.06	-2.22	-2.05	8.00
2452MHz	Pass	5.636	-8.59	-7.72	-5.62	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)_2TX PSD

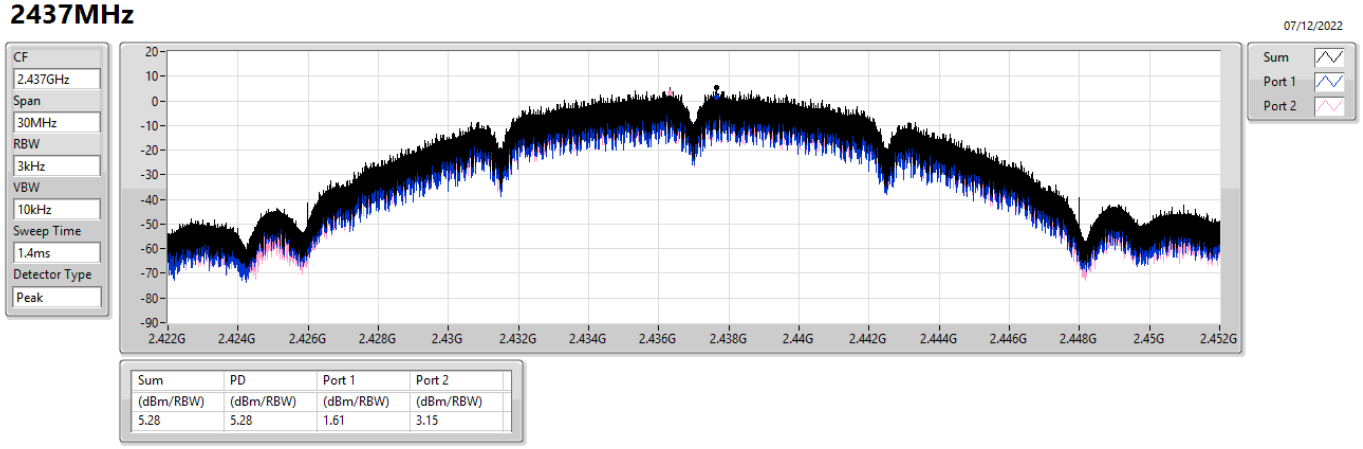
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.20	-1.20	-3.60	-2.90

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

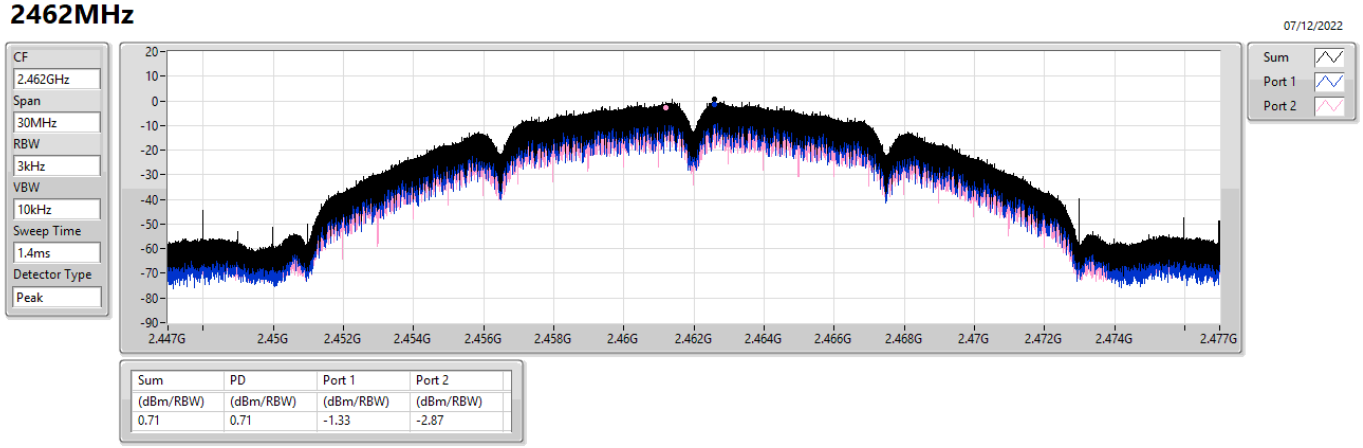
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.28	5.28	1.61	3.15

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

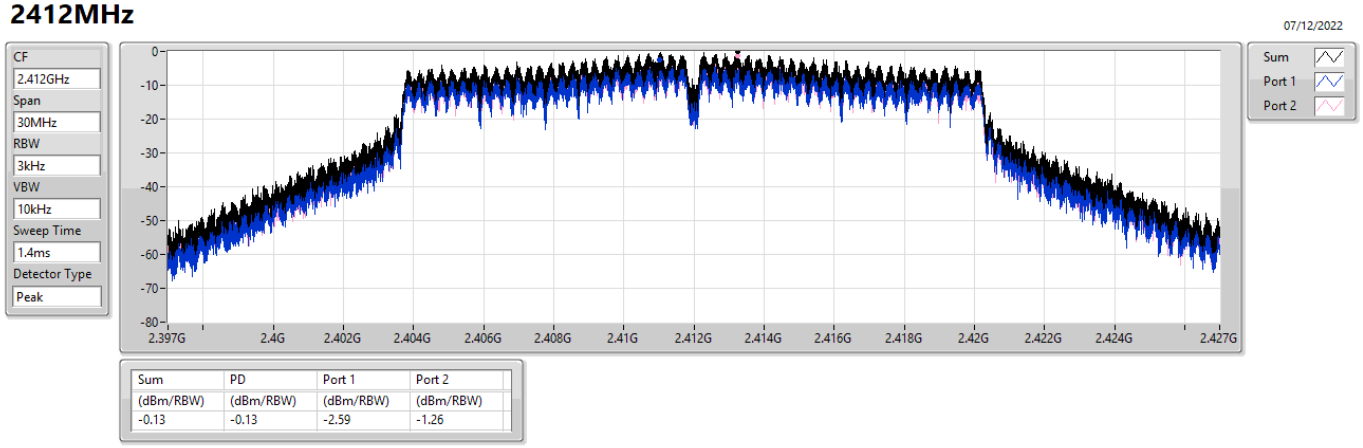
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.71	0.71	-1.33	-2.87

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

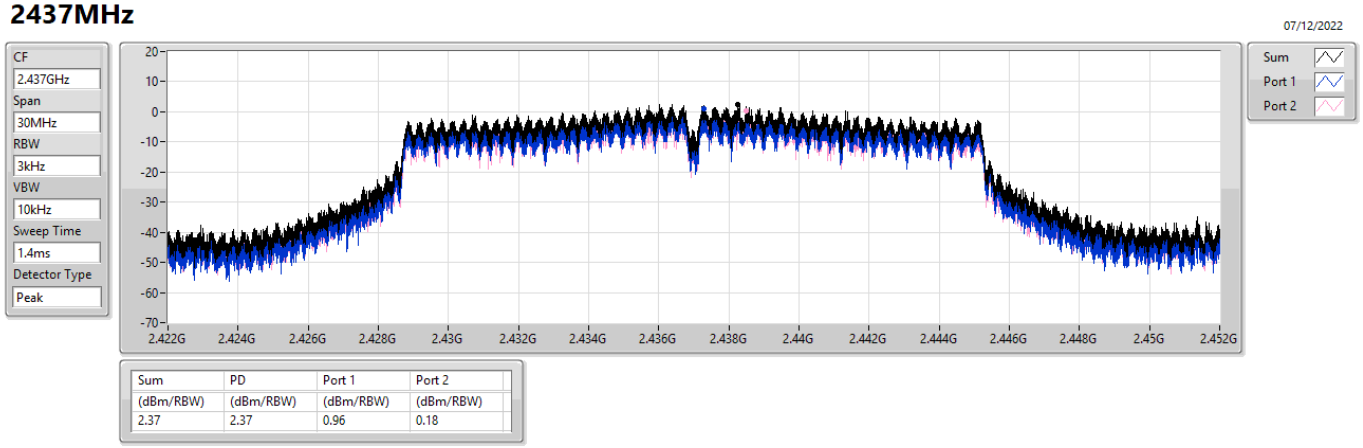
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.13	-0.13	-2.59	-1.26

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

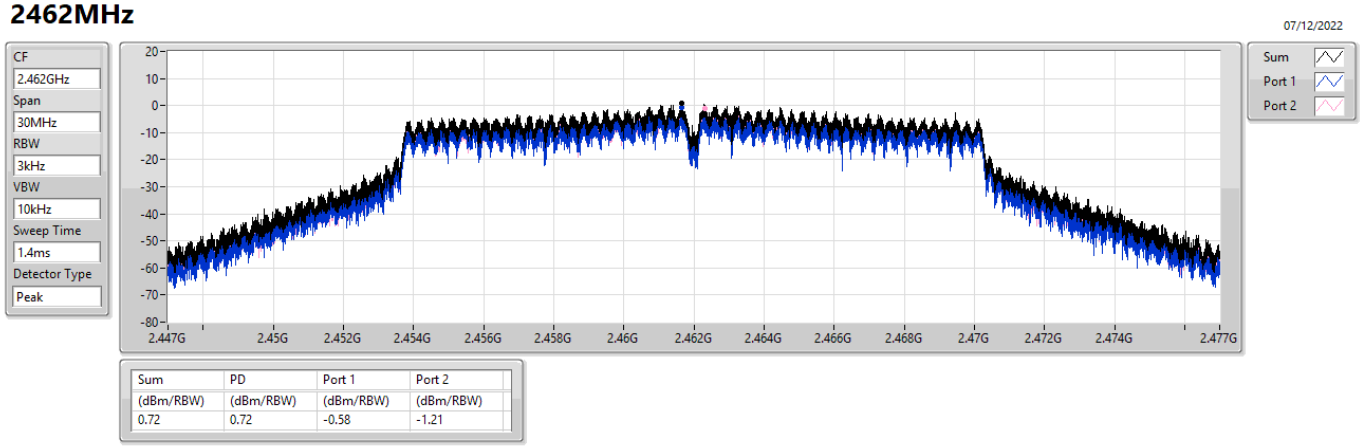
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.37	2.37	0.96	0.18

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

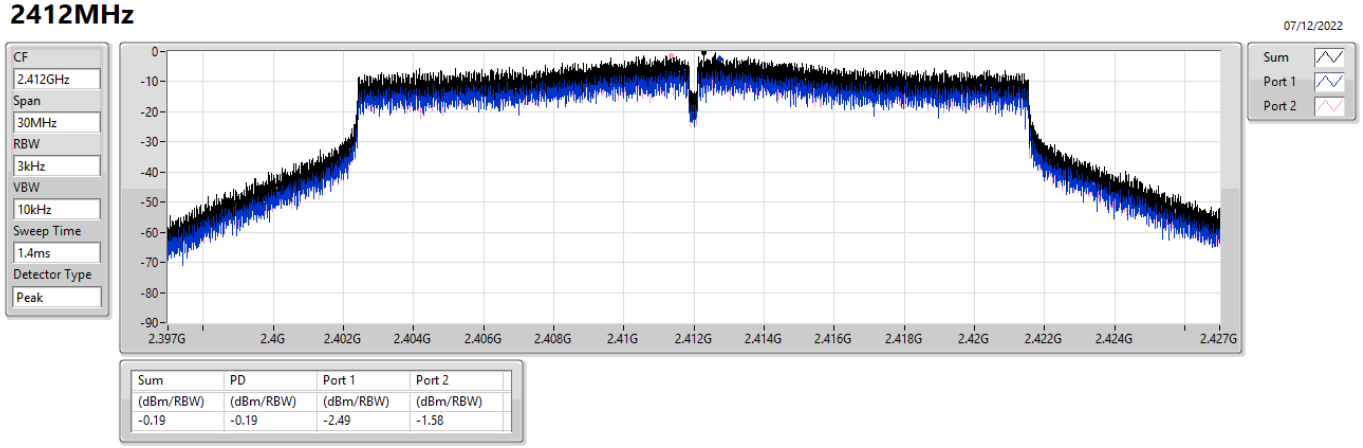
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.72	0.72	-0.58	-1.21

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

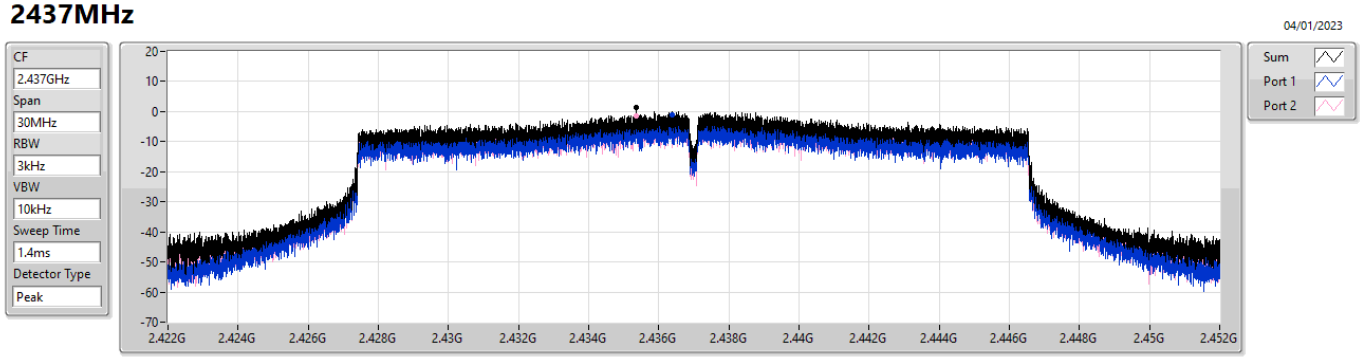
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19	-2.49	-1.58

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

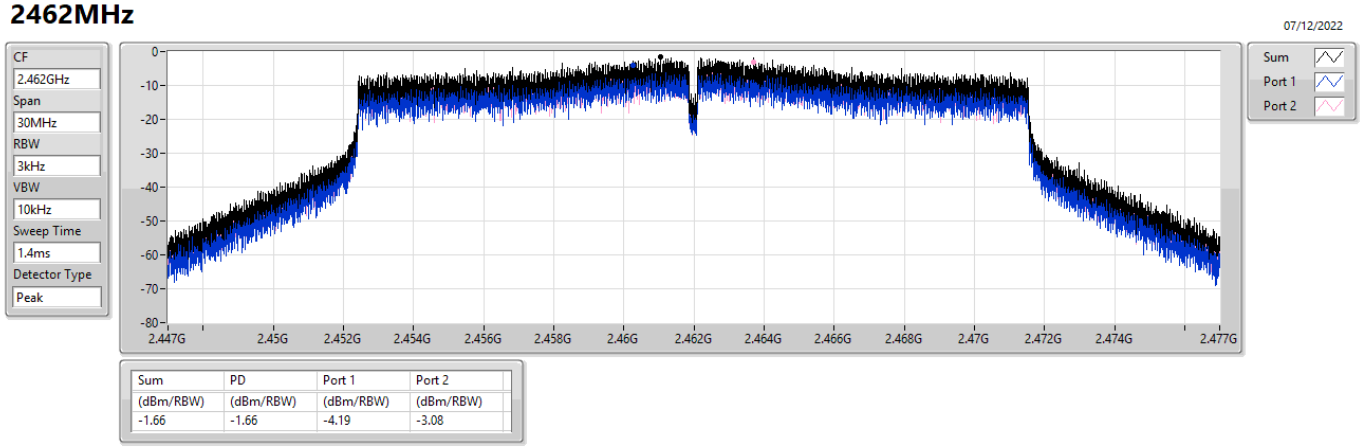
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.22	1.22	-1.15	-1.35

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

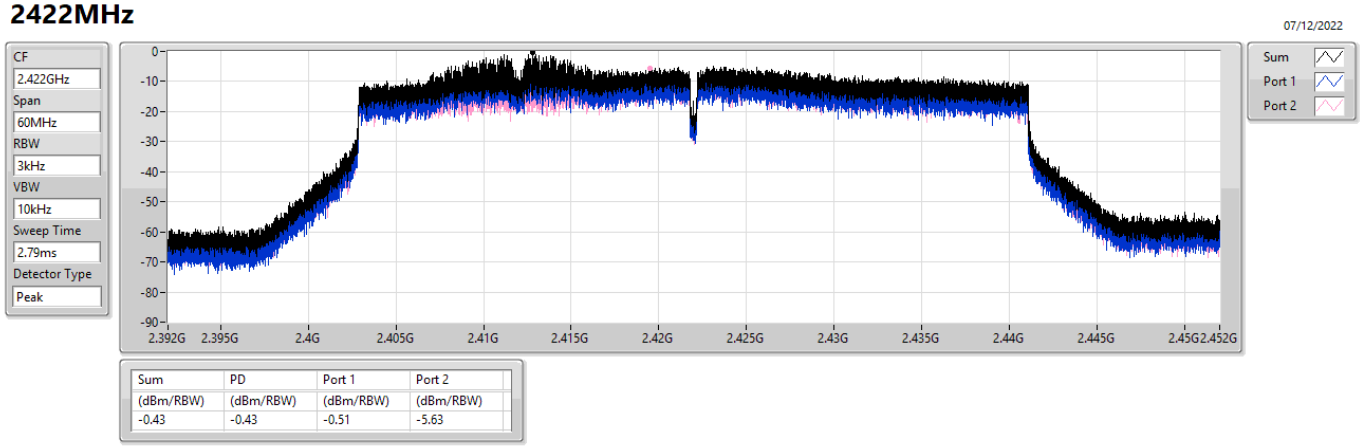
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.66	-1.66	-4.19	-3.08

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

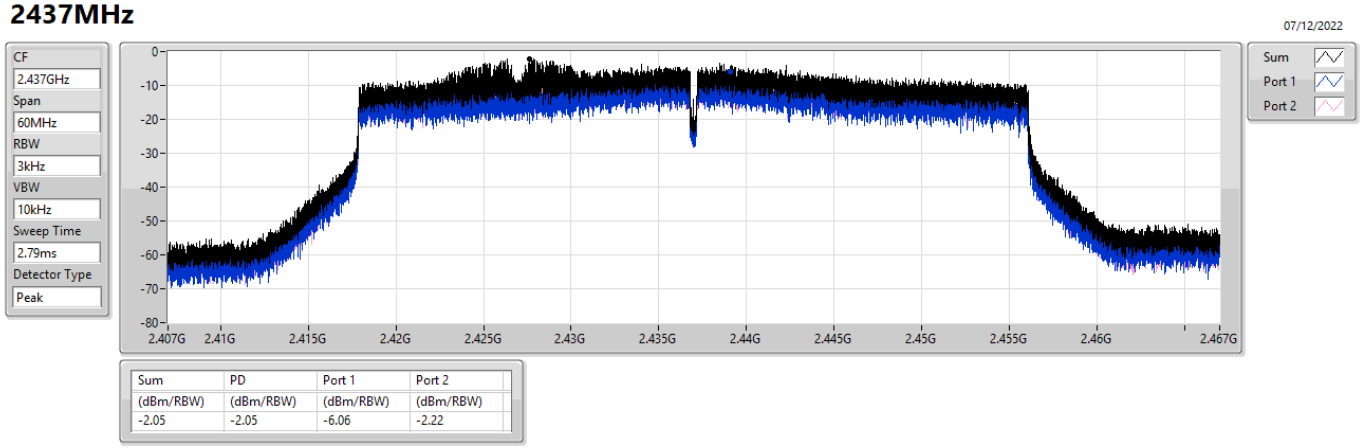
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.43	-0.43	-0.51	-5.63

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

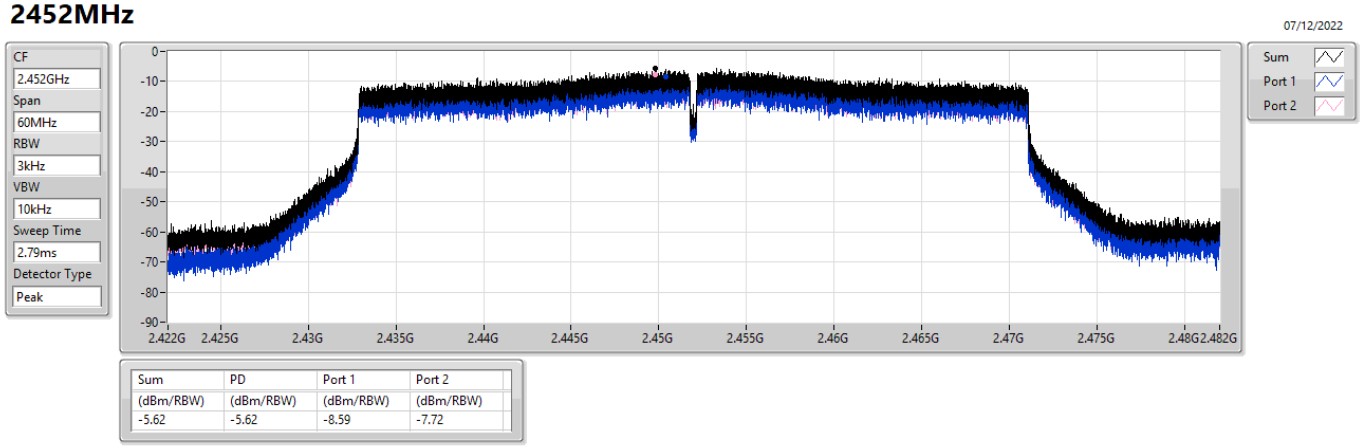
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.05	-2.05	-6.06	-2.22

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.62	-5.62	-8.59	-7.72

Summary

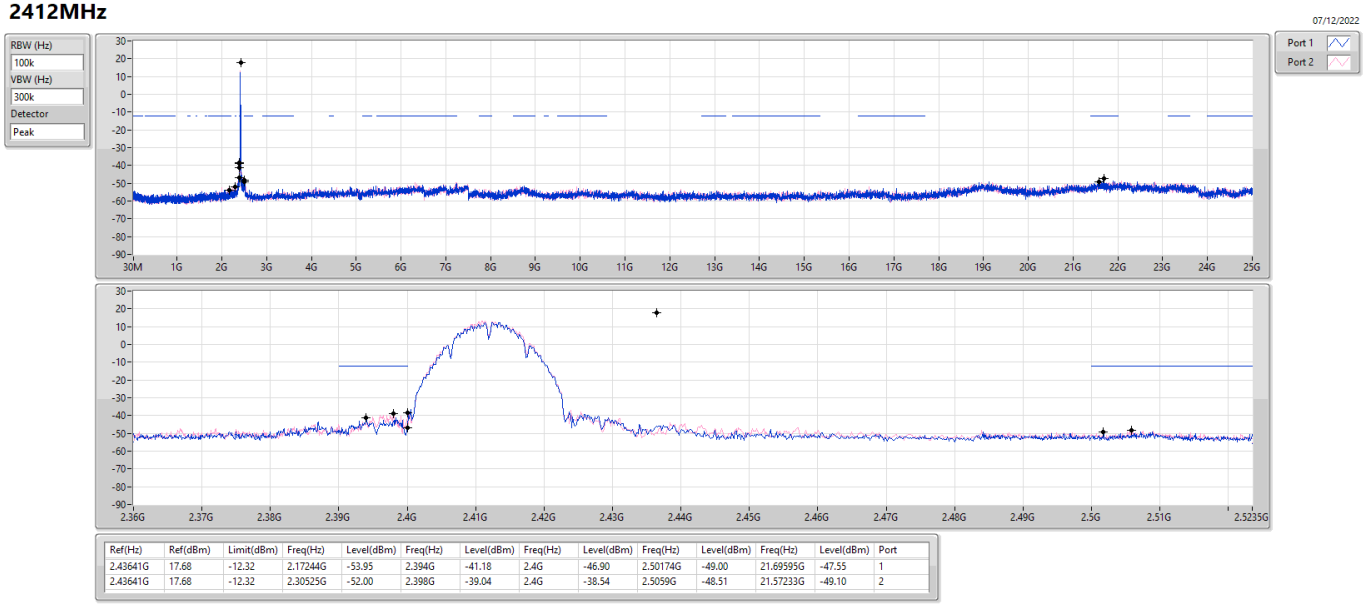
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43641G	17.68	-12.32	2.30525G	-52.00	2.398G	-39.04	2.4G	-38.54	2.5059G	-48.51	21.57233G	-49.10	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	17.29	-12.71	2.30059G	-53.61	2.4G	-26.73	2.4G	-24.87	2.50222G	-48.50	21.61448G	-48.99	1
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	2.43574G	14.58	-15.42	1.74954G	-50.19	2.39984G	-26.08	2.4G	-26.53	2.5087G	-46.11	21.69034G	-43.63	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	Pass	2.42789G	13.32	-16.68	2.012G	-49.92	2.4G	-31.21	2.4G	-31.10	2.51438G	-46.57	21.63172G	-44.04	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	17.68	-12.32	2.17244G	-53.95	2.394G	-41.18	2.4G	-46.90	2.50174G	-49.00	21.69595G	-47.55	1
2412MHz	Pass	2.43641G	17.68	-12.32	2.30525G	-52.00	2.398G	-39.04	2.4G	-38.54	2.5059G	-48.51	21.57233G	-49.10	2
2437MHz	Pass	2.43641G	17.68	-12.32	2.1969G	-53.08	2.39752G	-40.48	2.4G	-44.15	2.50734G	-48.55	21.58919G	-48.93	1
2437MHz	Pass	2.43641G	17.68	-12.32	2.30991G	-51.04	2.39752G	-43.99	2.4G	-44.44	2.50798G	-47.61	21.64538G	-49.07	2
2462MHz	Pass	2.43641G	17.68	-12.32	2.11069G	-54.00	2.39744G	-49.00	2.4G	-50.41	2.51806G	-48.00	21.45433G	-47.77	1
2462MHz	Pass	2.43641G	17.68	-12.32	2.00002G	-52.71	2.4G	-46.62	2.4G	-48.91	2.51198G	-47.19	21.56952G	-48.46	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	17.29	-12.71	2.30059G	-53.61	2.4G	-26.73	2.4G	-24.87	2.50222G	-48.50	21.61448G	-48.99	1
2412MHz	Pass	2.43824G	17.29	-12.71	2.30525G	-52.79	2.39992G	-26.01	2.4G	-26.04	2.5007G	-47.15	21.93196G	-49.66	2
2437MHz	Pass	2.43824G	17.29	-12.71	1.7542G	-53.16	2.39984G	-38.55	2.4G	-40.90	2.50982G	-47.91	21.87577G	-48.97	1
2437MHz	Pass	2.43824G	17.29	-12.71	2.30758G	-51.89	2.39952G	-39.36	2.4G	-41.23	2.50574G	-45.92	21.69314G	-48.25	2
2462MHz	Pass	2.43824G	17.29	-12.71	1.87886G	-54.39	2.39376G	-49.90	2.4G	-52.56	2.50006G	-48.07	21.66224G	-48.40	1
2462MHz	Pass	2.43824G	17.29	-12.71	2.30758G	-53.51	2.39552G	-46.36	2.4G	-47.51	2.50262G	-45.98	21.96848G	-49.07	2
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	14.58	-15.42	2.08506G	-49.84	2.4G	-27.75	2.4G	-26.44	2.50286G	-46.41	21.98534G	-42.68	1
2412MHz	Pass	2.43574G	14.58	-15.42	1.74954G	-50.19	2.39984G	-26.08	2.4G	-26.53	2.5087G	-46.11	21.69034G	-43.63	2
2437MHz	Pass	2.43574G	14.58	-15.42	697.55M	-49.22	2.39768G	-44.20	2.4G	-46.70	2.50478G	-46.27	13.41617G	-45.57	1
2437MHz	Pass	2.43574G	14.58	-15.42	2.30758G	-49.71	2.39832G	-38.18	2.4G	-46.57	2.51046G	-45.35	21.99096G	-44.29	2
2462MHz	Pass	2.43574G	14.58	-15.42	1.80663G	-49.64	2.39856G	-46.54	2.4G	-49.50	2.50934G	-46.15	21.46838G	-43.99	1
2462MHz	Pass	2.43574G	14.58	-15.42	2.15147G	-49.32	2.4G	-46.09	2.4G	-48.91	2.50246G	-44.95	23.33112G	-45.00	2
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42789G	13.32	-16.68	1.94902G	-49.76	2.39984G	-34.80	2.4G	-31.94	2.52734G	-39.81	13.40874G	-46.23	1
2422MHz	Pass	2.42789G	13.32	-16.68	2.012G	-49.92	2.4G	-31.21	2.4G	-31.10	2.51438G	-46.57	21.63172G	-44.04	2
2437MHz	Pass	2.42789G	13.32	-16.68	2.17001G	-48.40	2.39792G	-34.89	2.4G	-44.31	2.51326G	-44.45	21.56161G	-44.52	1
2437MHz	Pass	2.42789G	13.32	-16.68	2.3097G	-46.93	2.39456G	-39.02	2.4G	-42.77	2.50302G	-45.63	21.52795G	-44.22	2
2452MHz	Pass	2.42789G	13.32	-16.68	2.07726G	-49.60	2.4G	-48.46	2.4G	-48.86	2.55838G	-46.21	21.95985G	-43.85	1
2452MHz	Pass	2.42789G	13.32	-16.68	1.87689G	-49.57	2.392G	-45.69	2.4G	-44.61	2.50238G	-46.61	21.94583G	-44.02	2

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

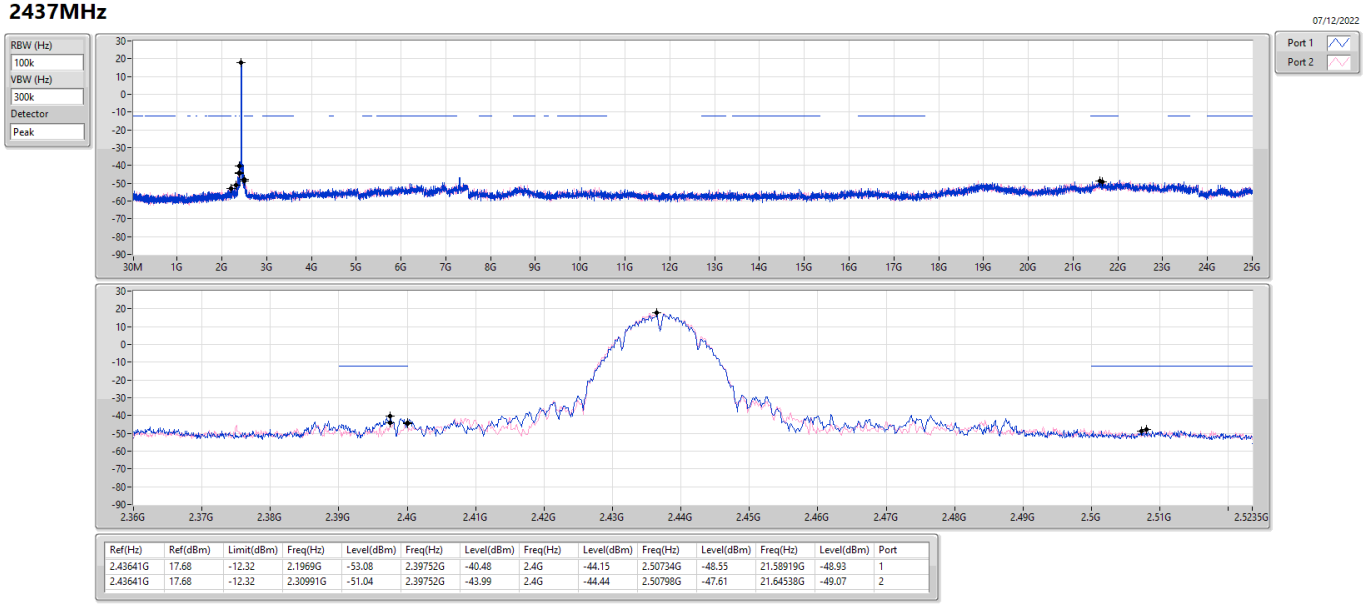
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	17.68	-12.32	2.17244G	-53.95	2.394G	-41.18	2.4G	-46.90	2.50174G	-49.00	21.69595G	-47.55	1
2.43641G	17.68	-12.32	2.30525G	-52.00	2.398G	-39.04	2.4G	-38.54	2.5059G	-48.51	21.57233G	-49.10	2

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

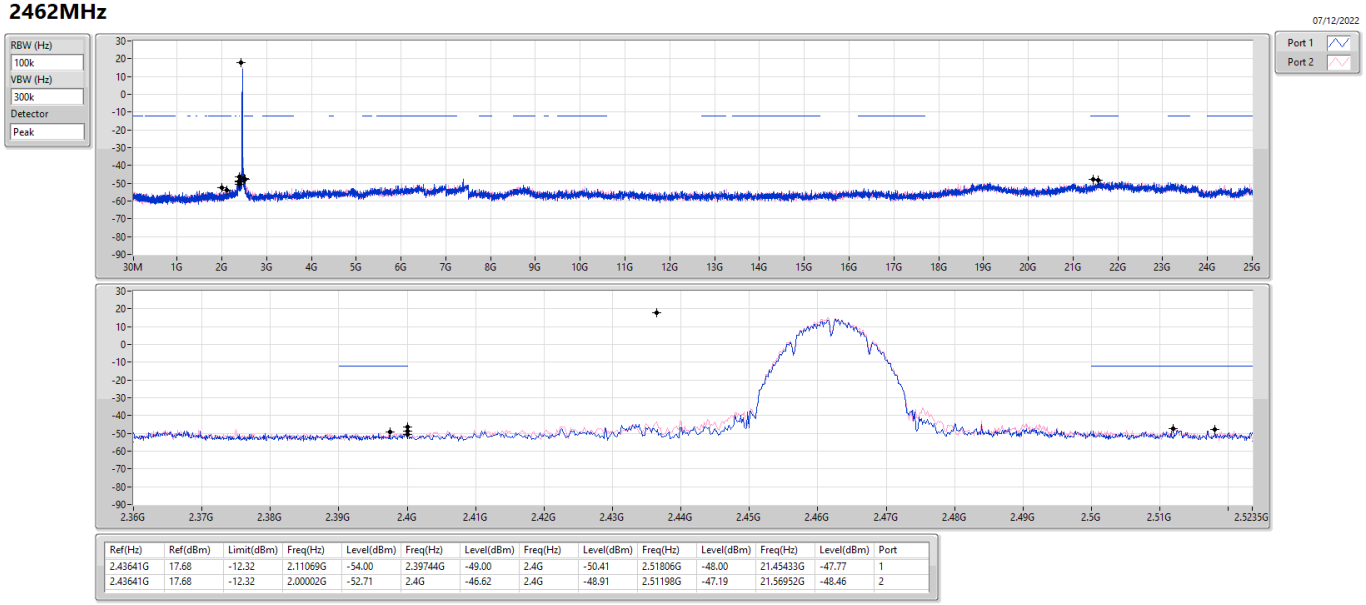
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	17.68	-12.32	2.1969G	-53.08	2.39752G	-40.48	2.4G	-44.15	2.50734G	-48.55	21.58919G	-48.93	1
2.43641G	17.68	-12.32	2.30991G	-51.04	2.39752G	-43.99	2.4G	-44.44	2.50798G	-47.61	21.64538G	-49.07	2

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

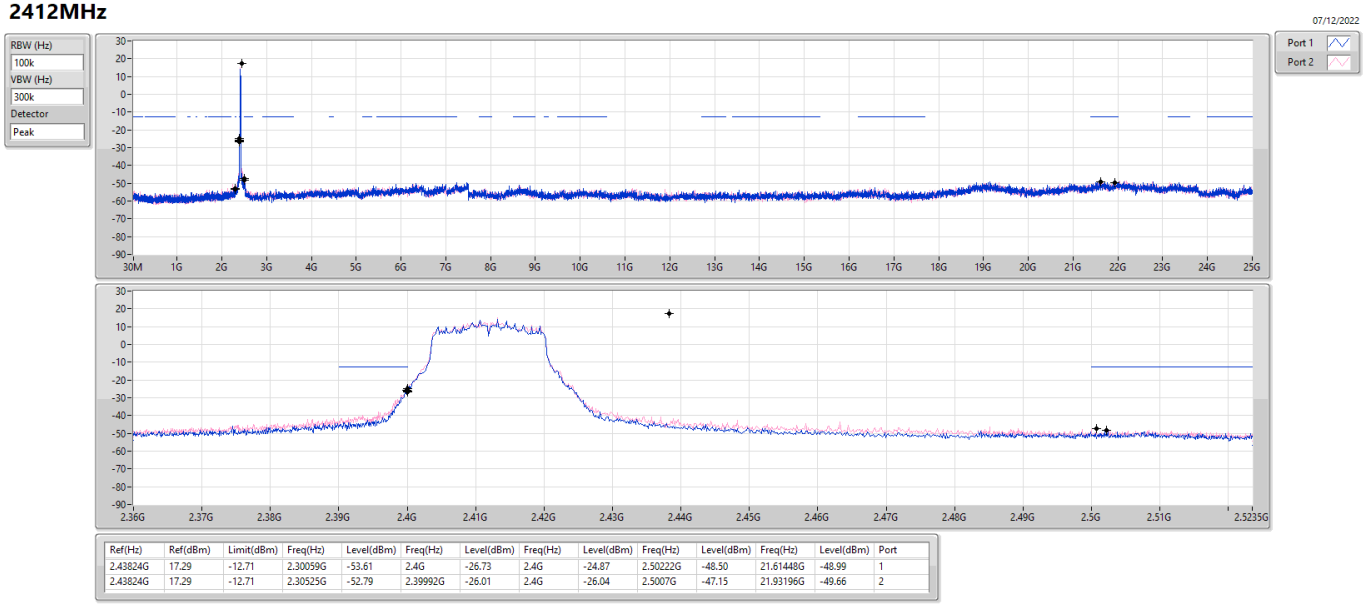
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	17.68	-12.32	2.11069G	-54.00	2.39744G	-49.00	2.4G	-50.41	2.51806G	-48.00	21.45433G	-47.77	1
2.43641G	17.68	-12.32	2.00002G	-52.71	2.4G	-46.62	2.4G	-48.91	2.51198G	-47.19	21.56952G	-48.46	2

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

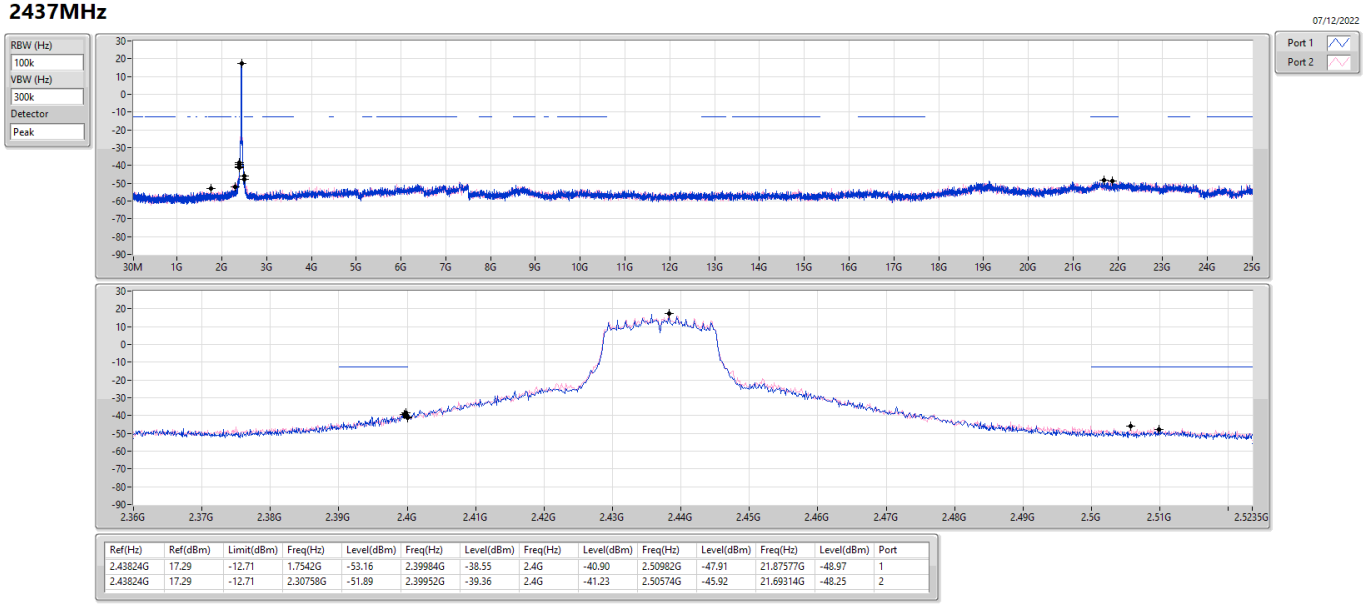
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	17.29	-12.71	2.30059G	-53.61	2.4G	-26.73	2.4G	-24.87	2.50222G	-48.50	21.61448G	-48.99	1
2.43824G	17.29	-12.71	2.30525G	-52.79	2.39992G	-26.01	2.4G	-26.04	2.5007G	-47.15	21.93196G	-49.66	2

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

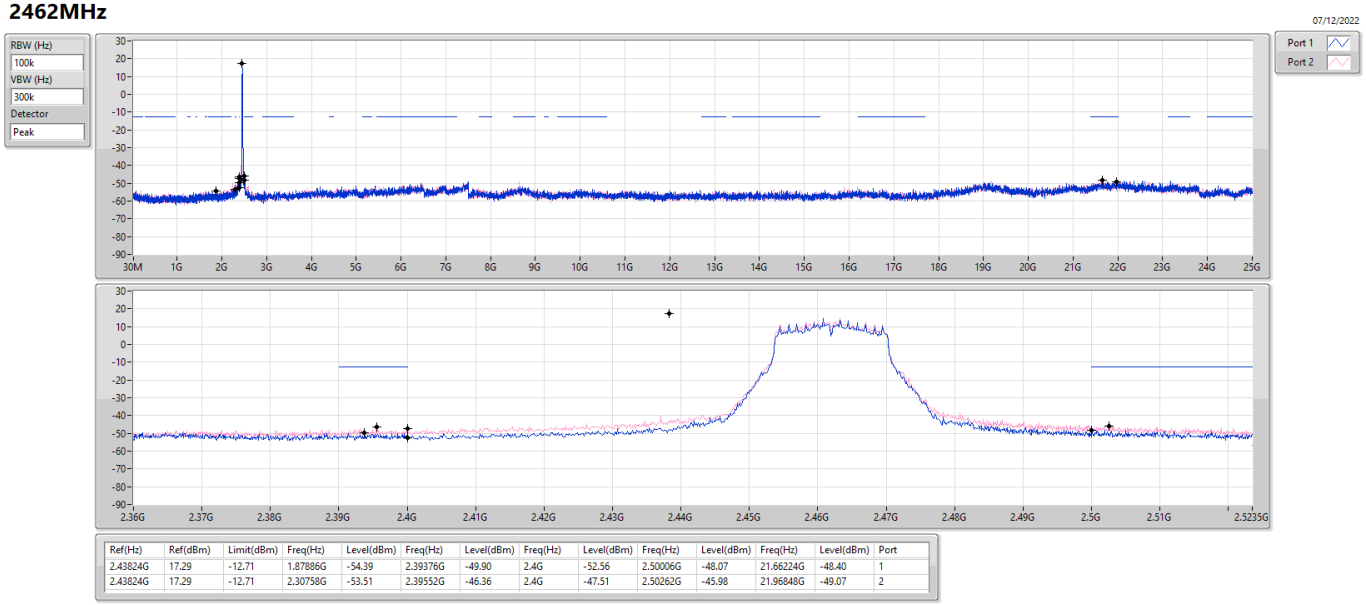
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	17.29	-12.71	1.7542G	-53.16	2.39984G	-38.55	2.4G	-40.90	2.50982G	-47.91	21.87577G	-48.97	1
2.43824G	17.29	-12.71	2.30758G	-51.89	2.39952G	-39.36	2.4G	-41.23	2.50574G	-45.92	21.69314G	-48.25	2

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

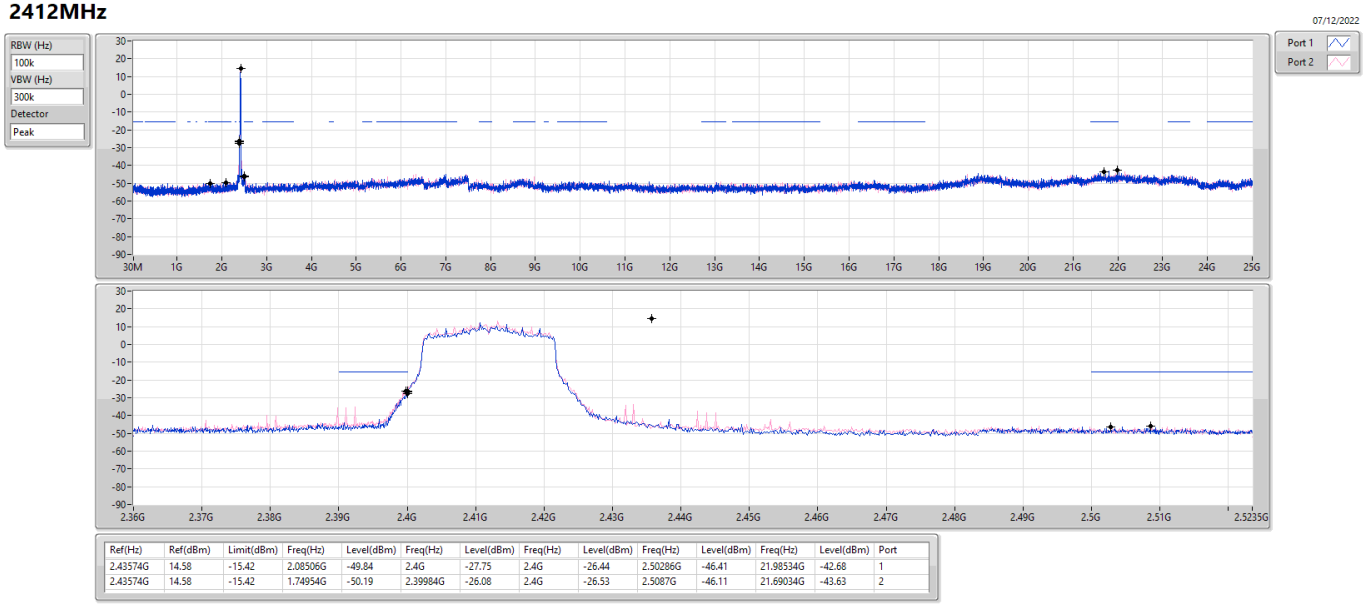
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	17.29	-12.71	1.87886G	-54.39	2.39376G	-49.90	2.4G	-52.56	2.50006G	-48.07	21.66224G	-48.40	1
2.43824G	17.29	-12.71	2.30758G	-53.51	2.39552G	-46.36	2.4G	-47.51	2.50262G	-45.98	21.96848G	-49.07	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

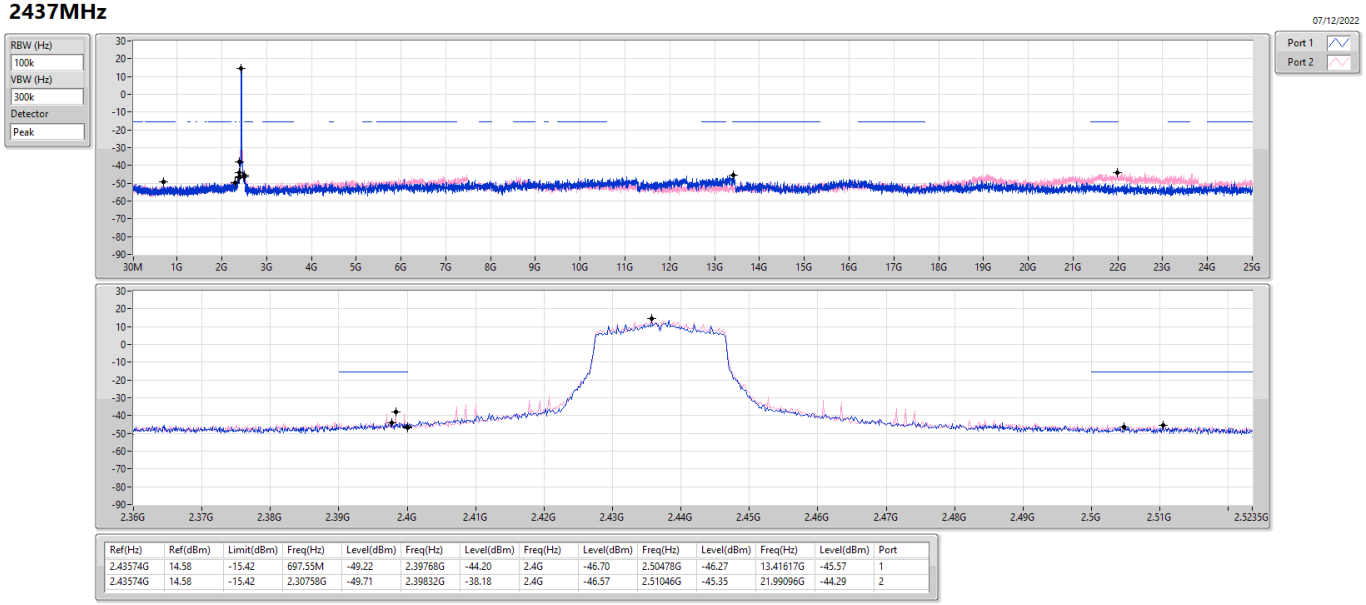
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	14.58	-15.42	2.08506G	-49.84	2.4G	-27.75	2.4G	-26.44	2.50286G	-46.41	21.98534G	-42.68	1
2.43574G	14.58	-15.42	1.74954G	-50.19	2.39984G	-26.08	2.4G	-26.53	2.5087G	-46.11	21.69034G	-43.63	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

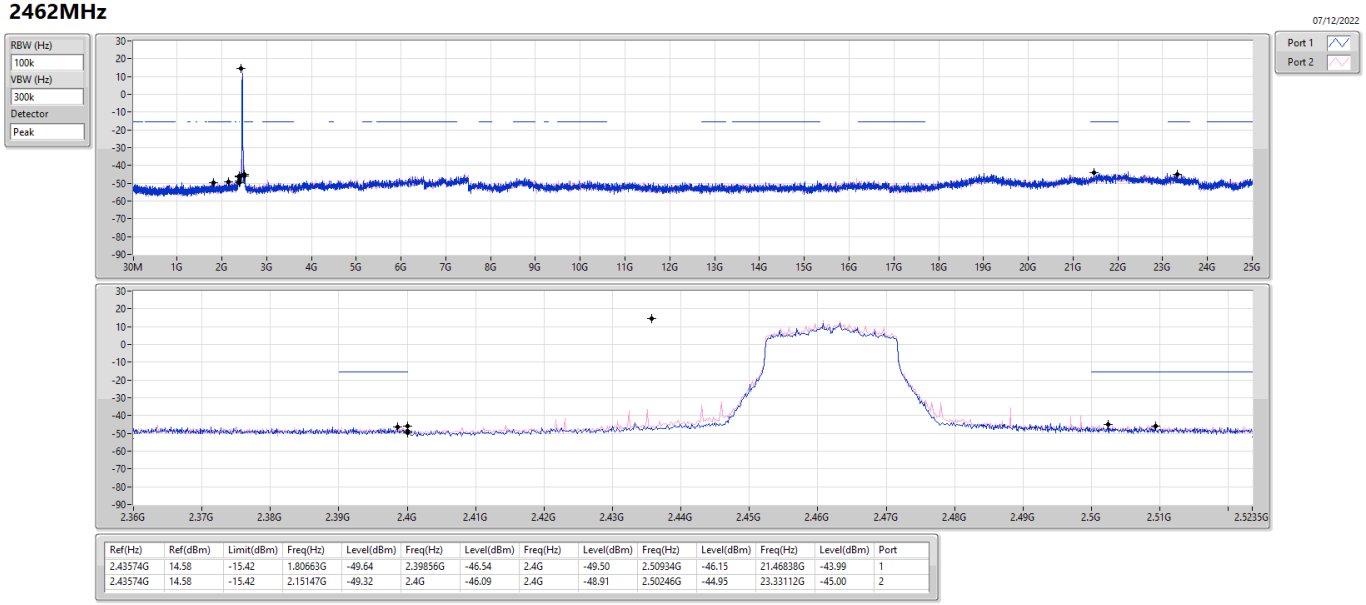
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	14.58	-15.42	697.55M	-49.22	2.39768G	-44.20	2.4G	-46.70	2.50478G	-46.27	13.41617G	-45.57	1
2.43574G	14.58	-15.42	2.30758G	-49.71	2.39832G	-38.18	2.4G	-46.57	2.51046G	-45.35	21.99096G	-44.29	2

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **CSENdB**

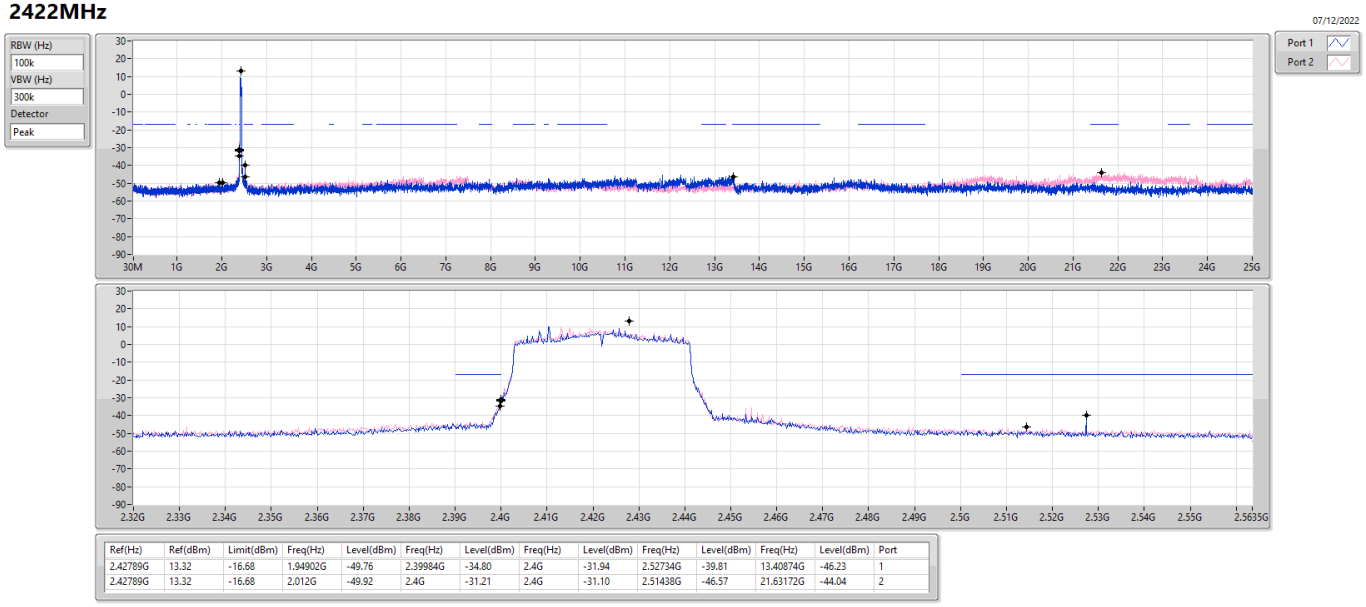
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	14.58	-15.42	1.80663G	-49.64	2.39856G	-46.54	2.4G	-49.50	2.50934G	-46.15	21.46838G	-43.99	1
2.43574G	14.58	-15.42	2.15147G	-49.32	2.4G	-46.09	2.4G	-48.91	2.50246G	-44.95	23.33112G	-45.00	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

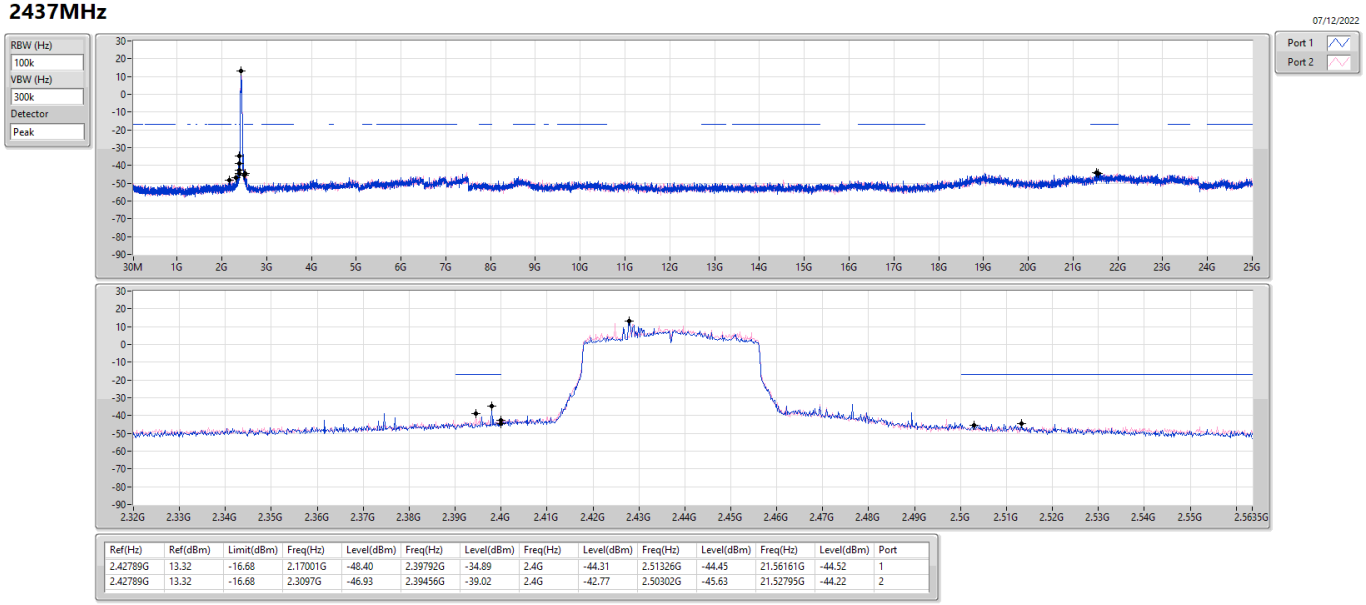
2422MHz



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
2.42789G	13.32	-16.68	1.94902G	-49.76	2.39984G	-34.80	2.4G	-31.94	2.52734G	-39.81	13.40874G	-46.23	1
2.42789G	13.32	-16.68	2.012G	-49.92	2.4G	-31.21	2.4G	-31.10	2.51438G	-46.57	21.63172G	-44.04	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

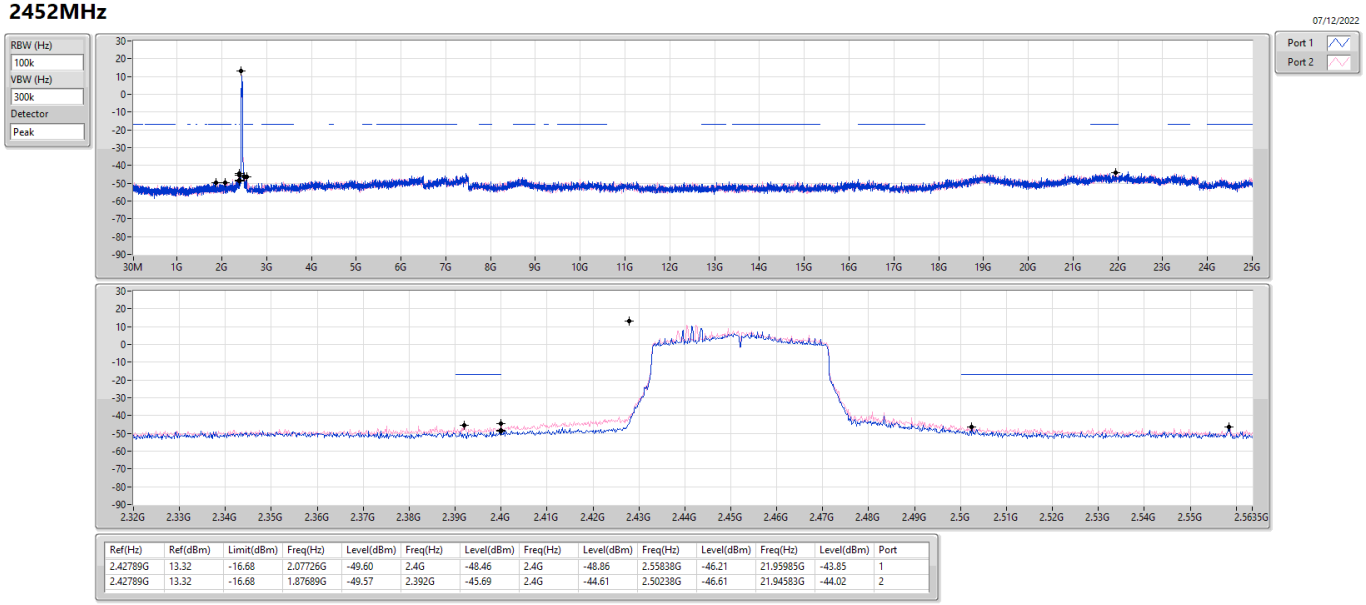
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42789G	13.32	-16.68	2.17001G	-48.40	2.39792G	-34.89	2.4G	-44.31	2.51326G	-44.45	21.56161G	-44.52	1
2.42789G	13.32	-16.68	2.3097G	-46.93	2.39456G	-39.02	2.4G	-42.77	2.50302G	-45.63	21.52795G	-44.22	2

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **CSENdB**

2452MHz

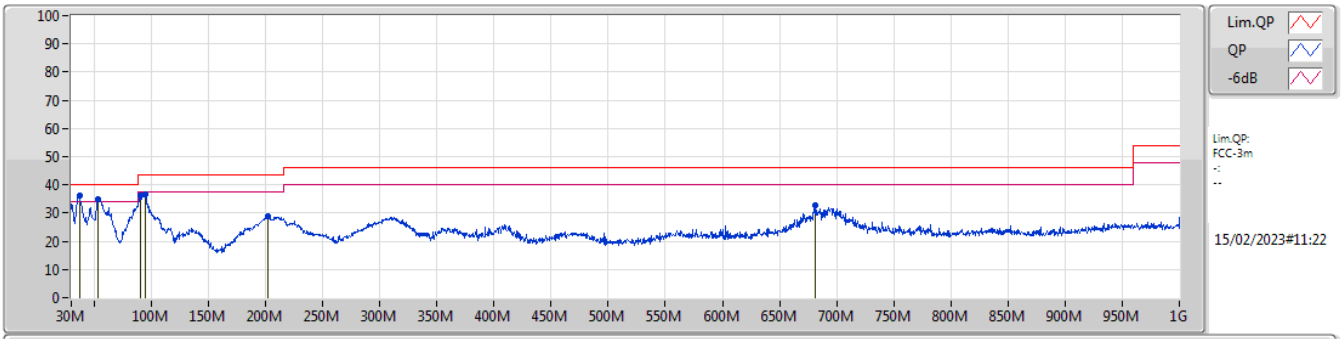


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42789G	13.32	-16.68	2.07726G	-49.60	2.4G	-48.46	2.4G	-48.86	2.55838G	-46.21	21.95985G	-43.85	1
2.42789G	13.32	-16.68	1.87689G	-49.57	2.392G	-45.69	2.4G	-44.61	2.50238G	-46.61	21.94583G	-44.02	2

Summary

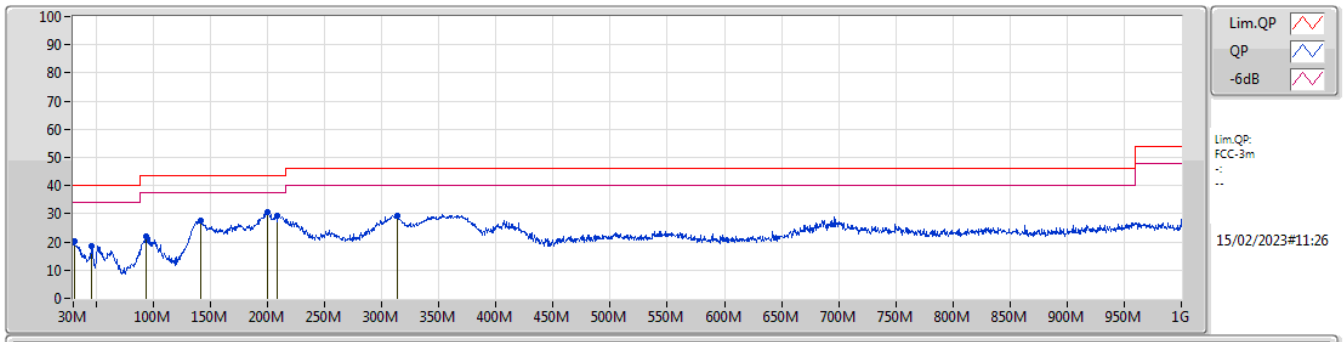
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 3	Pass	PK	37.28M	36.08	40.00	-3.92	Vertical

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA		
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)		
PK	37.28M	36.08	40.00	-3.92	-32.48	3	Vertical	25	1.00	"Worst"	68.56	21.10	0.75	54.33		
PK	53.28M	35.01	40.00	-4.99	-39.78	3	Vertical	35	1.00	-	74.79	13.44	0.92	54.14		
PK	90.14M	36.18	43.50	-7.32	-38.20	3	Vertical	180	1.00	-	74.38	14.65	1.22	54.07		
PK	94.99M	36.72	43.50	-6.78	-37.65	3	Vertical	225	1.00	-	74.37	15.31	1.22	54.18		
PK	201.69M	28.67	43.50	-14.83	-37.24	3	Vertical	30	1.00	-	65.91	15.00	1.78	54.02		
PK	680.87M	32.90	46.00	-13.10	-23.50	3	Vertical	45	1.00	-	56.40	26.57	3.28	53.35		

Mode 3



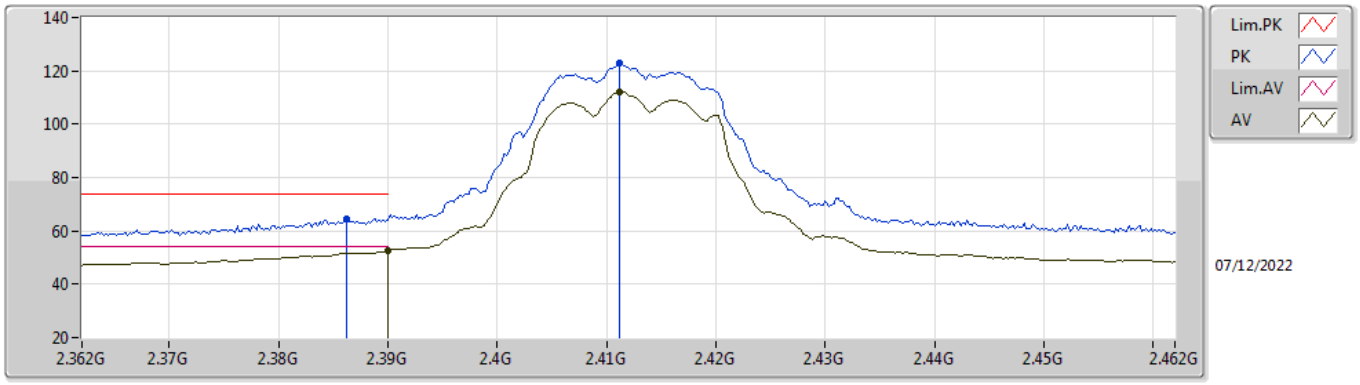
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30.97M	20.29	40.00	-19.71	-29.83	3	Horizontal	60	1.00	-	50.12	23.87	0.72	54.42
PK	46.01M	18.43	40.00	-21.57	-36.61	3	Horizontal	254	1.00	-	55.04	16.50	0.82	53.93
PK	94.02M	21.95	43.50	-21.55	-37.86	3	Horizontal	180	1.00	-	59.81	15.10	1.20	54.16
PK	141.07M	27.50	43.50	-16.00	-35.35	3	Horizontal	30	1.00	-	62.85	17.56	1.51	54.42
PK	200.24M	30.61	43.50	-12.89	-37.14	3	Horizontal	45	1.00	"Worst"	67.75	15.08	1.80	54.02
PK	208M	29.16	43.50	-14.34	-37.14	3	Horizontal	0	1.00	-	66.30	15.05	1.83	54.02
PK	313.24M	29.43	46.00	-16.57	-32.80	3	Horizontal	184	1.00	-	62.23	19.29	2.23	54.32

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)_2TX	Pass	AV	2.3852G	52.98	54.00	-1.02	3	Vertical	282	2.22	-

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

2412MHz_TX

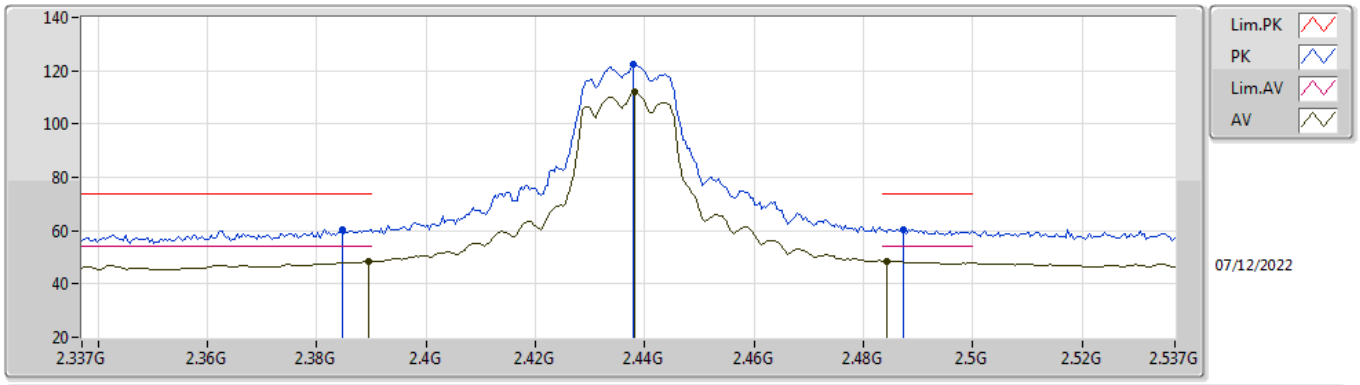


EUT Z_2TX
Setting 23
03-E-E-5

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	2.3862G	64.41	74.00	-9.59	32.18	3	Vertical	280	2.22	-	28.24	3.99	-
AV	2.39G	52.56	54.00	-1.44	20.31	3	Vertical	280	2.22	-	28.26	3.99	-
PK	2.4112G	122.72	Inf	-Inf	90.41	3	Vertical	280	2.22	-	28.30	4.01	-
AV	2.4112G	112.21	Inf	-Inf	79.90	3	Vertical	280	2.22	-	28.30	4.01	-

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

2437MHz_TX

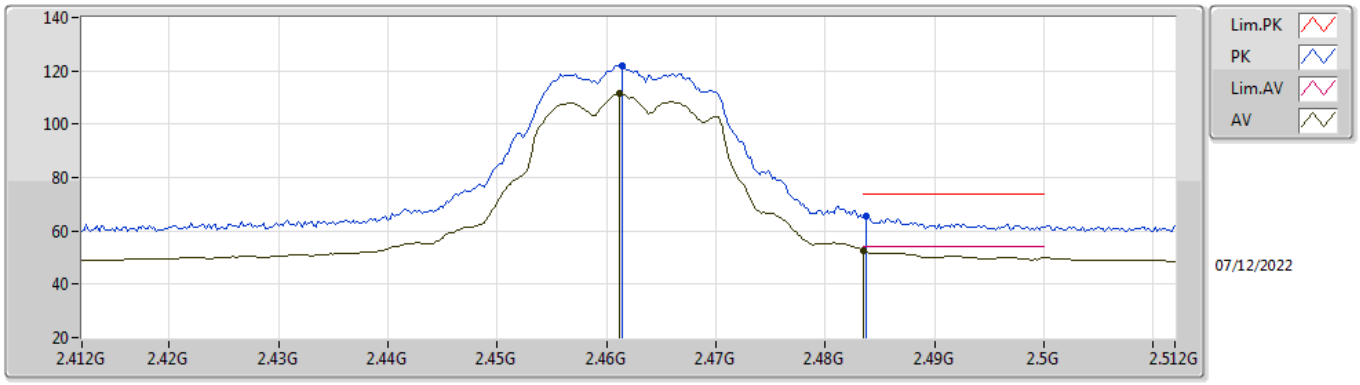


EUT Z_2TX
Setting 25
03-E-E-5

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	2.3846G	60.54	74.00	-13.46	28.32	3	Vertical	268	2.21	-	28.24	3.98	-
AV	2.3894G	48.45	54.00	-5.55	16.20	3	Vertical	268	2.21	-	28.26	3.99	-
PK	2.4378G	122.24	Inf	-Inf	89.90	3	Vertical	268	2.21	-	28.30	4.04	-
AV	2.4382G	111.99	Inf	-Inf	79.65	3	Vertical	268	2.21	-	28.30	4.04	-
PK	2.4874G	60.39	74.00	-13.61	27.85	3	Vertical	268	2.21	-	28.45	4.09	-
AV	2.4842G	48.62	54.00	-5.38	16.10	3	Vertical	268	2.21	-	28.44	4.08	-

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

2462MHz_TX

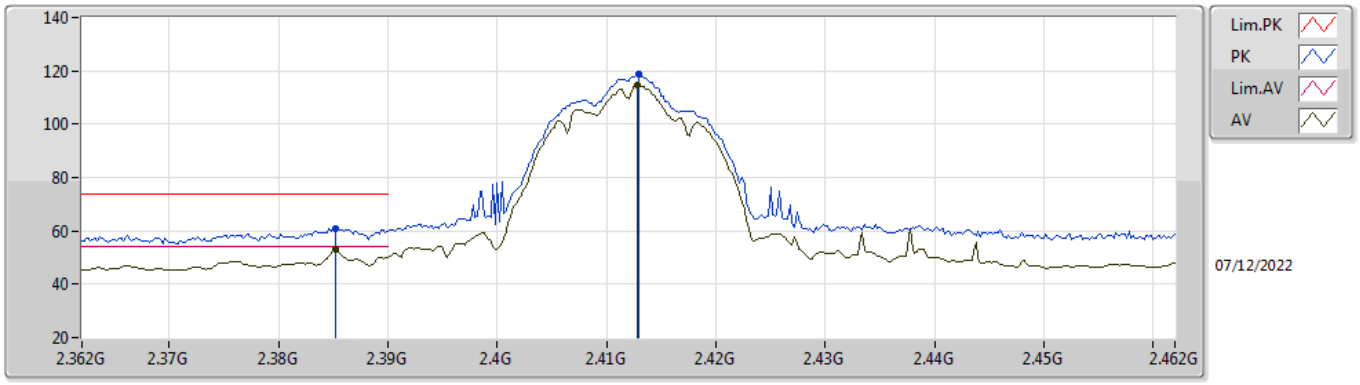


EUT Z_2TX
Setting 23
03-E-E-5

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	2.4614G	121.92	Inf	-Inf	89.51	3	Vertical	277	1.95	-	28.35	4.06	-
AV	2.4612G	111.66	Inf	-Inf	79.26	3	Vertical	277	1.95	-	28.34	4.06	-
PK	2.4838G	65.51	74.00	-8.49	32.99	3	Vertical	277	1.95	-	28.44	4.08	-
AV	2.4835G	52.64	54.00	-1.36	20.13	3	Vertical	277	1.95	-	28.43	4.08	-

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

2412MHz_TX

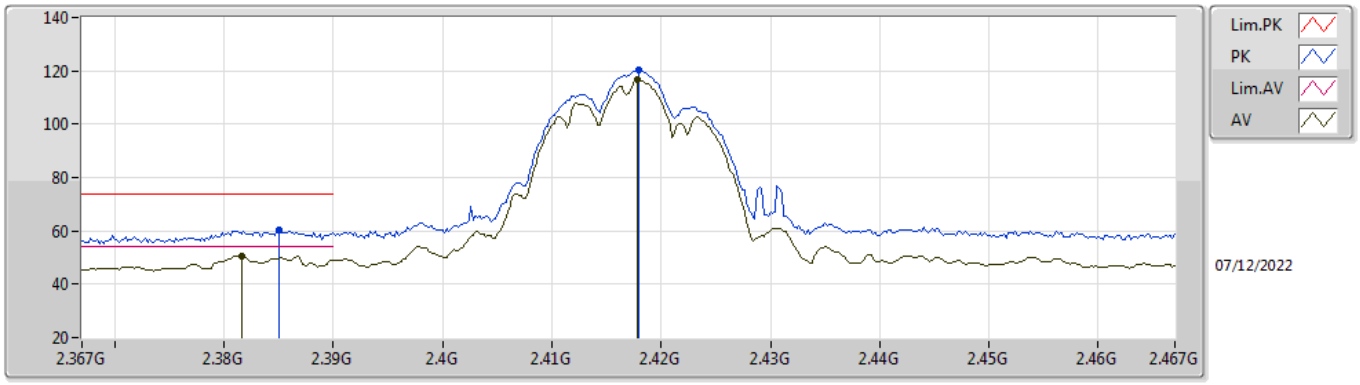


EUT Z_2TX
Setting 21.5
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3852G	61.09	74.00	-12.91	28.86	3	Vertical	282	2.22	-	28.24	3.99	-
AV	2.3852G	52.98	54.00	-1.02	20.75	3	Vertical	282	2.22	-	28.24	3.99	-
PK	2.413G	118.61	Inf	-Inf	86.30	3	Vertical	282	2.22	-	28.30	4.01	-
AV	2.4128G	114.70	Inf	-Inf	82.39	3	Vertical	282	2.22	-	28.30	4.01	-

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

2417MHz_TX

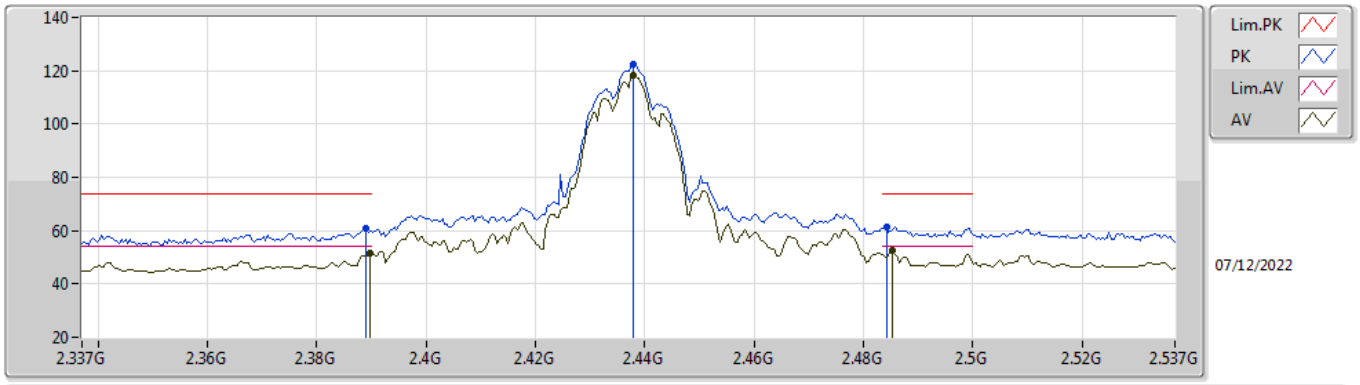


EUT Z_2TX
Setting 23.5
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.385G	60.16	74.00	-13.84	27.93	3	Vertical	33	1.94	-	28.24	3.99	-
AV	2.3816G	50.53	54.00	-3.47	18.32	3	Vertical	33	1.94	-	28.23	3.98	-
PK	2.418G	120.55	Inf	-Inf	88.23	3	Vertical	33	1.94	-	28.30	4.02	-
AV	2.4178G	116.62	Inf	-Inf	84.30	3	Vertical	33	1.94	-	28.30	4.02	-

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

2437MHz_TX

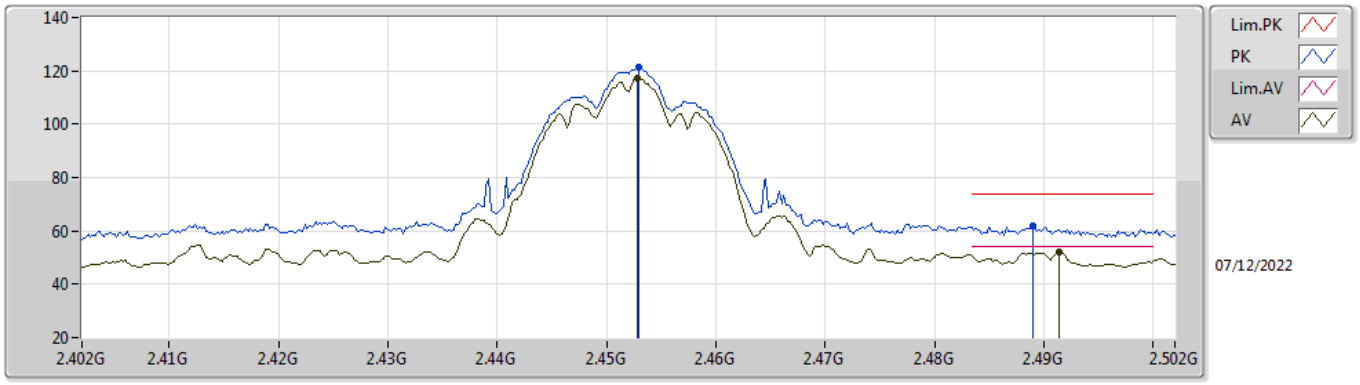


EUT Z_2TX
Setting 26.5
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.389G	61.06	74.00	-12.94	28.81	3	Vertical	52	2.65	-	28.26	3.99	-
AV	2.3898G	51.65	54.00	-2.35	19.40	3	Vertical	52	2.65	-	28.26	3.99	-
PK	2.4378G	122.32	Inf	-Inf	89.98	3	Vertical	52	2.65	-	28.30	4.04	-
AV	2.4378G	118.44	Inf	-Inf	86.10	3	Vertical	52	2.65	-	28.30	4.04	-
PK	2.4842G	61.50	74.00	-12.50	28.98	3	Vertical	52	2.65	-	28.44	4.08	-
AV	2.4854G	52.51	54.00	-1.49	19.98	3	Vertical	52	2.65	-	28.44	4.09	-

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

2457MHz_TX

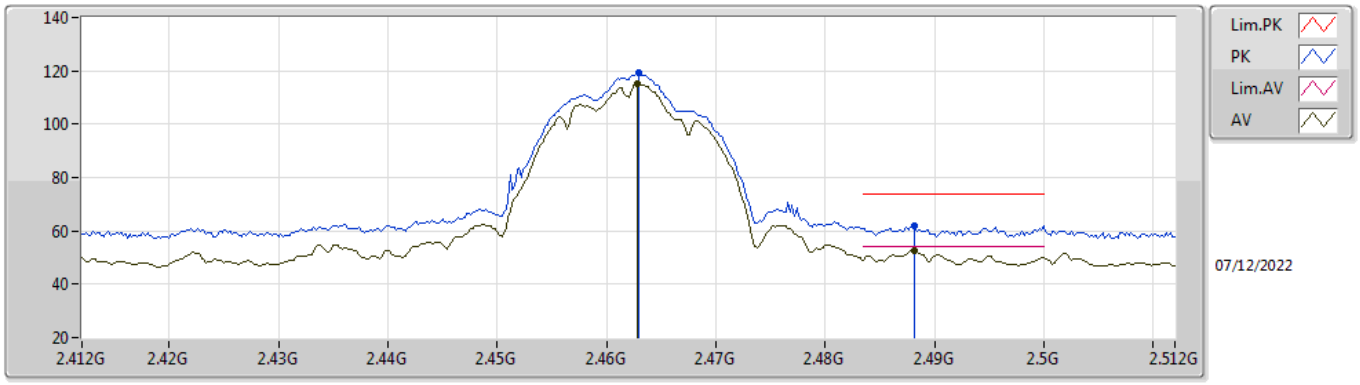


EUT Z_2TX
Setting 25
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.453G	121.17	Inf	-Inf	88.81	3	Vertical	54	2.08	-	28.31	4.05	-
AV	2.4528G	117.26	Inf	-Inf	84.90	3	Vertical	54	2.08	-	28.31	4.05	-
PK	2.489G	61.96	74.00	-12.04	29.41	3	Vertical	54	2.08	-	28.46	4.09	-
AV	2.4914G	52.17	54.00	-1.83	19.61	3	Vertical	54	2.08	-	28.47	4.09	-

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

2462MHz_TX

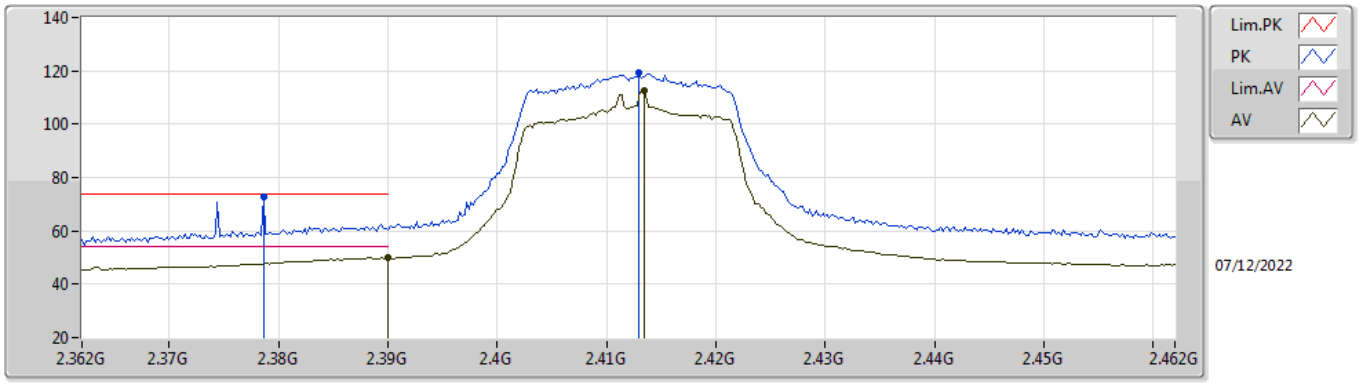


EUT Z_2TX
Setting 23
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	119.19	Inf	-Inf	86.78	3	Vertical	279	1.97	-	28.35	4.06	-
AV	2.4628G	115.22	Inf	-Inf	82.81	3	Vertical	279	1.97	-	28.35	4.06	-
PK	2.4882G	62.08	74.00	-11.92	29.54	3	Vertical	279	1.97	-	28.45	4.09	-
AV	2.4882G	52.56	54.00	-1.44	20.02	3	Vertical	279	1.97	-	28.45	4.09	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

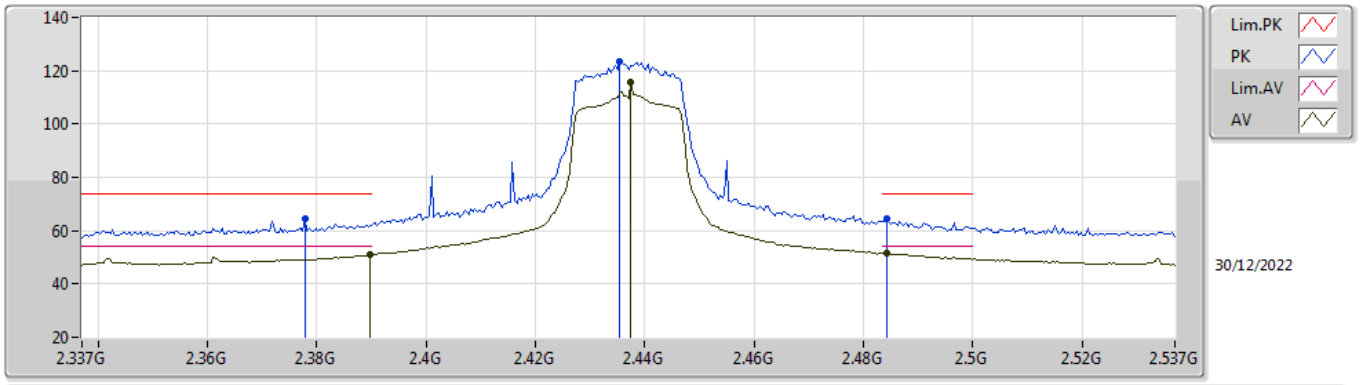


EUT Z_2TX
Setting 24
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3786G	72.73	74.00	-1.27	40.54	3	Vertical	34	1.87	-	28.21	3.98	-
AV	2.39G	49.96	54.00	-4.04	17.71	3	Vertical	34	1.87	-	28.26	3.99	-
PK	2.413G	119.13	Inf	-Inf	86.82	3	Vertical	34	1.87	-	28.30	4.01	-
AV	2.4134G	112.42	Inf	-Inf	80.11	3	Vertical	34	1.87	-	28.30	4.01	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

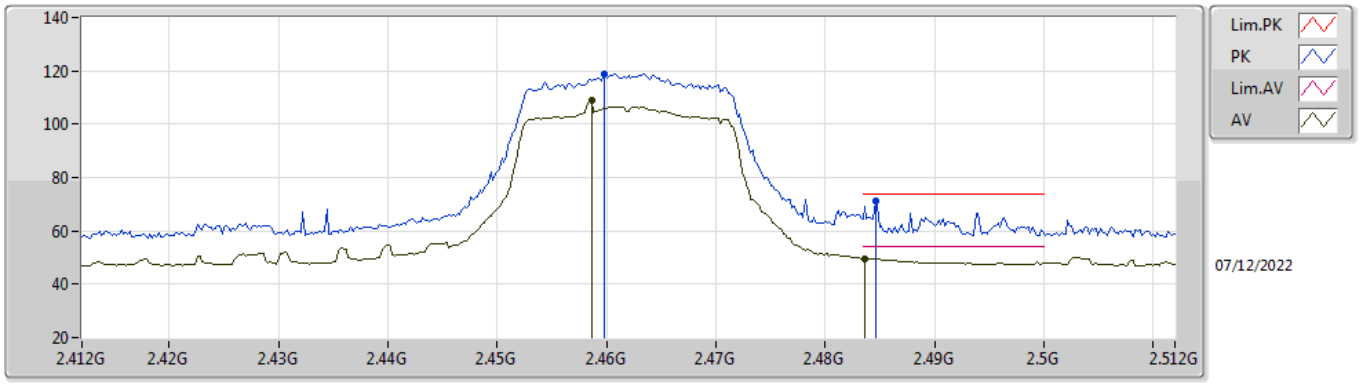


EUT Z_2TX
Setting 27
01-F-C-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3778G	64.57	74.00	-9.43	33.23	3	Vertical	280	2.23	-	27.76	3.58	-
AV	2.3898G	50.91	54.00	-3.09	19.54	3	Vertical	280	2.23	-	27.78	3.59	-
PK	2.4354G	123.20	Inf	-Inf	91.71	3	Vertical	280	2.23	-	27.87	3.62	-
AV	2.4374G	115.85	Inf	-Inf	84.36	3	Vertical	280	2.23	-	27.87	3.62	-
PK	2.4842G	64.35	74.00	-9.65	32.60	3	Vertical	280	2.23	-	28.11	3.64	-
AV	2.4842G	51.33	54.00	-2.67	19.58	3	Vertical	280	2.23	-	28.11	3.64	-

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

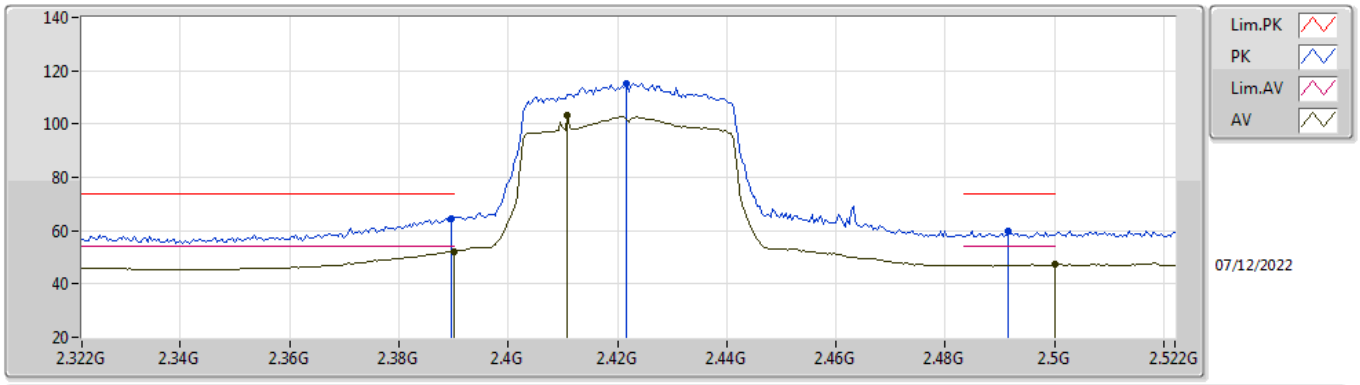


EUT Z_2TX
Setting 24
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4598G	119.01	Inf	-Inf	86.61	3	Vertical	44	2.07	-	28.34	4.06	-
AV	2.4586G	108.84	Inf	-Inf	76.45	3	Vertical	44	2.07	-	28.33	4.06	-
PK	2.4846G	70.95	74.00	-3.05	38.43	3	Vertical	44	2.07	-	28.44	4.08	-
AV	2.4836G	49.71	54.00	-4.29	17.20	3	Vertical	44	2.07	-	28.43	4.08	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

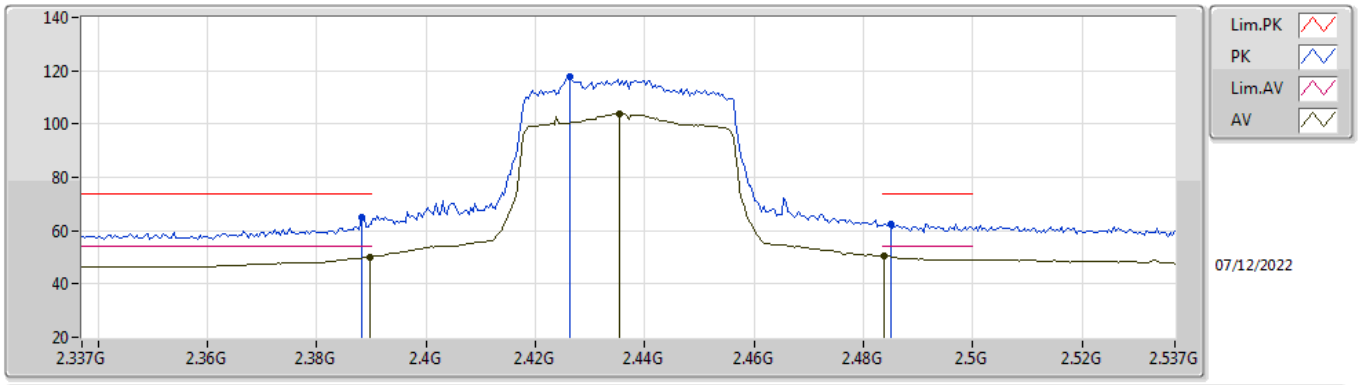


EUT Z_2TX
Setting 24
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3896G	64.38	74.00	-9.62	32.13	3	Vertical	274	1.18	-	28.26	3.99	-
AV	2.39G	52.32	54.00	-1.68	20.07	3	Vertical	274	1.18	-	28.26	3.99	-
PK	2.4216G	115.24	Inf	-Inf	82.92	3	Vertical	274	1.18	-	28.30	4.02	-
AV	2.4108G	103.32	Inf	-Inf	71.01	3	Vertical	274	1.18	-	28.30	4.01	-
PK	2.4916G	59.71	74.00	-14.29	27.15	3	Vertical	274	1.18	-	28.47	4.09	-
AV	2.5G	47.49	54.00	-6.51	14.89	3	Vertical	274	1.18	-	28.50	4.10	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

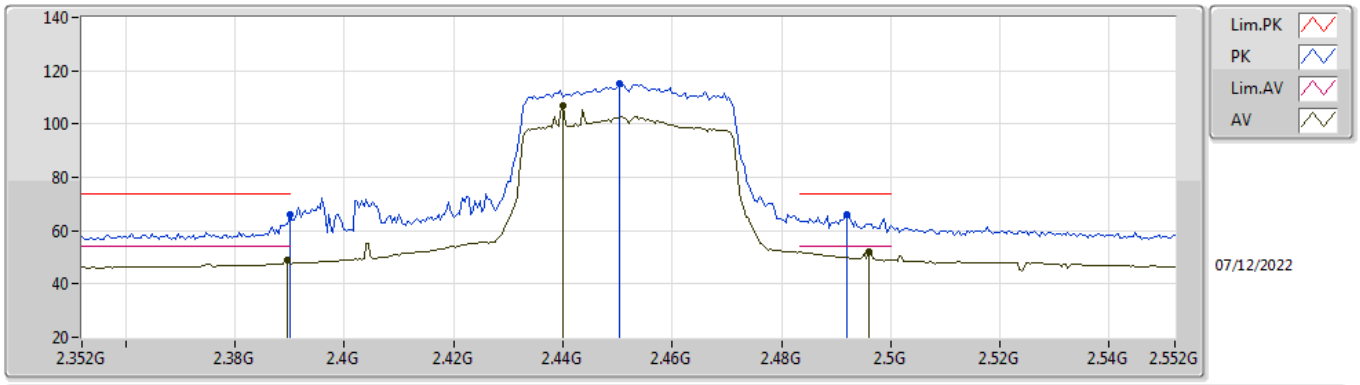


EUT Z_2TX
Setting 25
03-E-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	65.08	74.00	-8.92	32.84	3	Vertical	294	1.80	-	28.25	3.99	-
AV	2.3898G	50.19	54.00	-3.81	17.94	3	Vertical	294	1.80	-	28.26	3.99	-
PK	2.4262G	117.56	Inf	-Inf	85.23	3	Vertical	294	1.80	-	28.30	4.03	-
AV	2.4354G	103.93	Inf	-Inf	71.59	3	Vertical	294	1.80	-	28.30	4.04	-
PK	2.485G	62.55	74.00	-11.45	30.03	3	Vertical	294	1.80	-	28.44	4.08	-
AV	2.4838G	50.46	54.00	-3.54	17.94	3	Vertical	294	1.80	-	28.44	4.08	-

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX



EUT Z_2TX
Setting 23
03-E-J-8

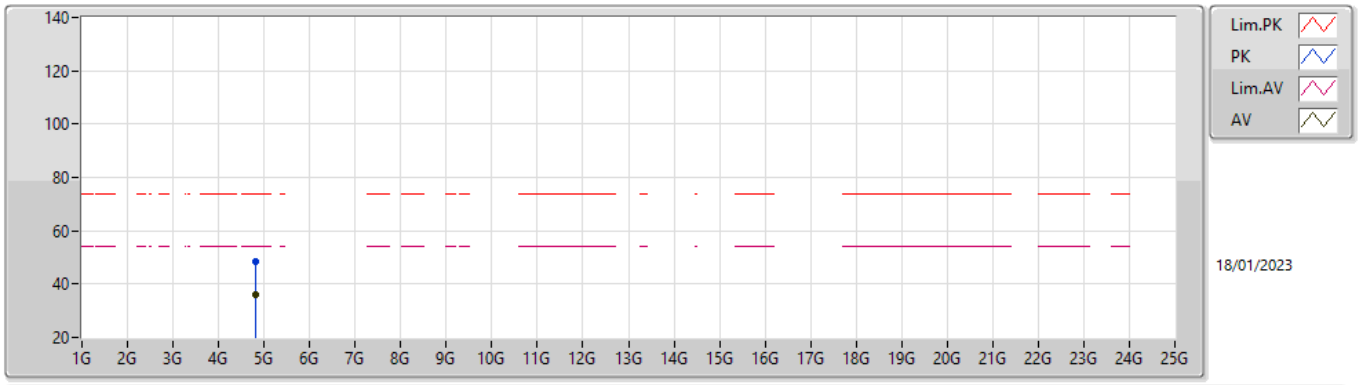
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	65.80	74.00	-8.20	33.55	3	Vertical	278	2.13	-	28.26	3.99	-
AV	2.3896G	49.16	54.00	-4.84	16.91	3	Vertical	278	2.13	-	28.26	3.99	-
PK	2.4504G	115.06	Inf	-Inf	82.71	3	Vertical	278	2.13	-	28.30	4.05	-
AV	2.44G	106.66	Inf	-Inf	74.32	3	Vertical	278	2.13	-	28.30	4.04	-
PK	2.492G	66.28	74.00	-7.72	33.72	3	Vertical	278	2.13	-	28.47	4.09	-
AV	2.496G	52.14	54.00	-1.86	19.56	3	Vertical	278	2.13	-	28.48	4.10	-

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)_2TX	Pass	AV	4.87696G	43.06	54.00	-10.94	3	Vertical	46	1.80	-

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

2412MHz_TX

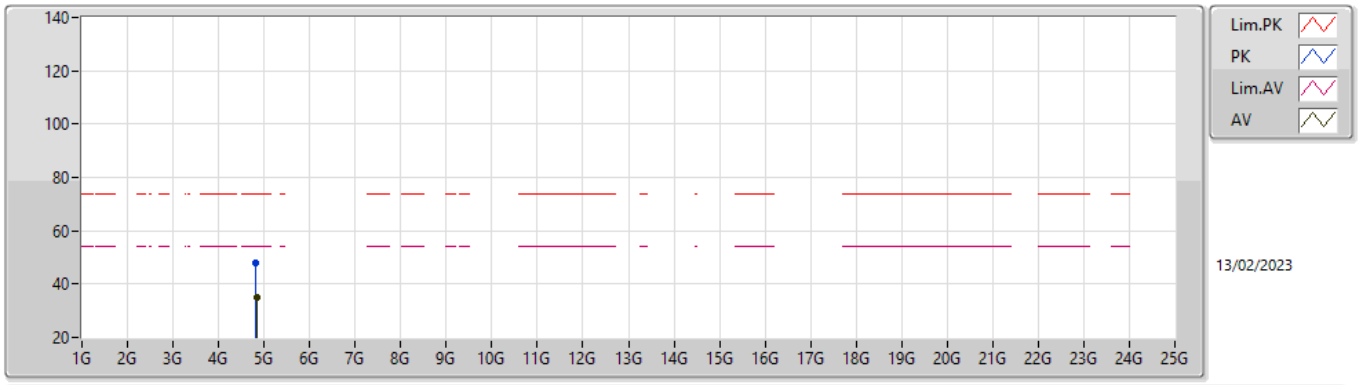


EUT Z_2TX
Setting 21.5
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8264G	48.33	74.00	-25.67	42.62	3	Vertical	38	1.72	-	32.86	5.73	32.88
AV	4.82684G	35.91	54.00	-18.09	30.20	3	Vertical	38	1.72	-	32.86	5.73	32.88

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

2412MHz_TX

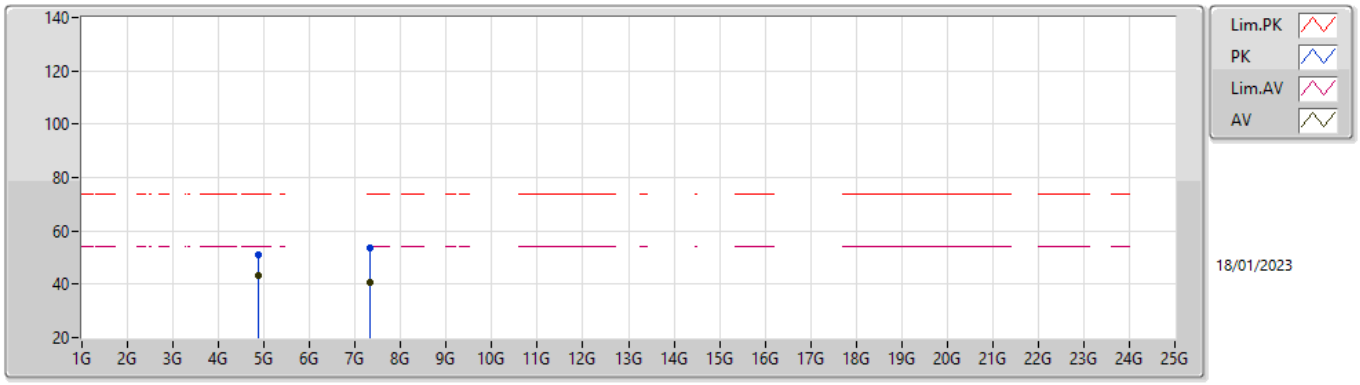


EUT Z_2TX
Setting 21.5
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82368G	47.84	74.00	-26.16	42.17	3	Horizontal	151	1.80	-	32.84	5.72	32.89
AV	4.83156G	35.24	54.00	-18.76	29.50	3	Horizontal	151	1.80	-	32.89	5.73	32.88

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

2437MHz_TX

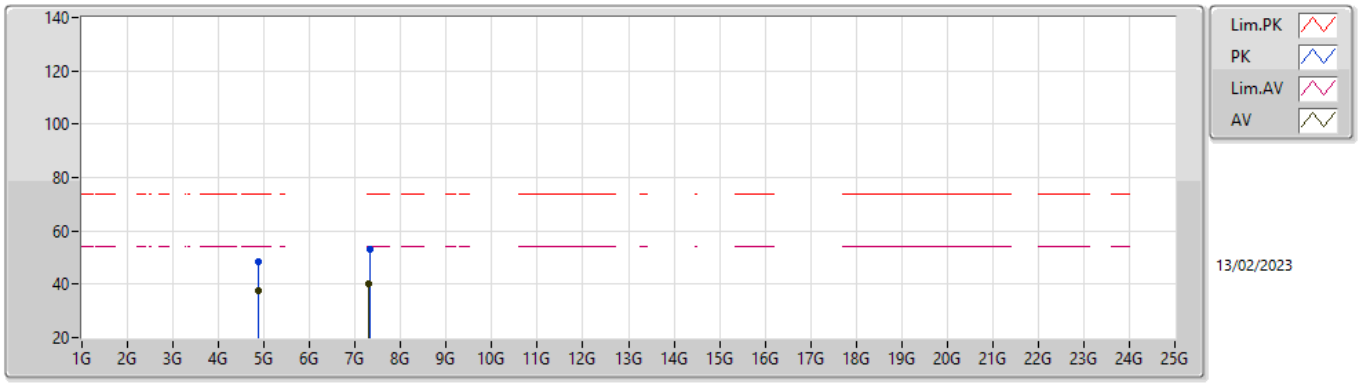


EUT Z_2TX
Setting 26.5
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87712G	50.82	74.00	-23.18	44.91	3	Vertical	46	1.80	-	33.00	5.78	32.87
AV	4.87696G	43.06	54.00	-10.94	37.15	3	Vertical	46	1.80	-	33.00	5.78	32.87
PK	7.31632G	53.74	74.00	-20.26	42.16	3	Vertical	250	1.36	-	37.60	7.16	33.18
AV	7.31564G	40.45	54.00	-13.55	28.87	3	Vertical	250	1.36	-	37.60	7.16	33.18

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

2437MHz_TX

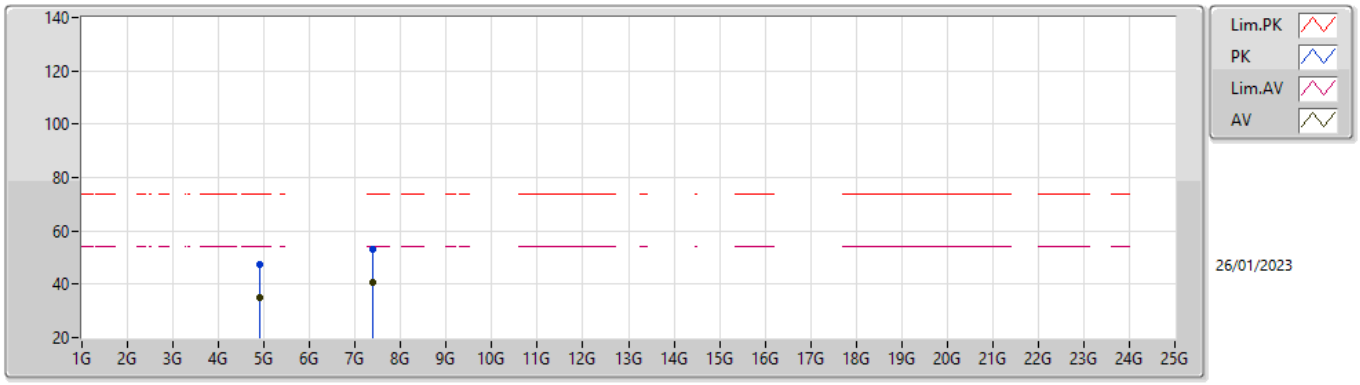


EUT Z_2TX
Setting 26.5
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87696G	48.54	74.00	-25.46	42.63	3	Horizontal	296	1.76	-	33.00	5.78	32.87
AV	4.87692G	37.34	54.00	-16.66	31.43	3	Horizontal	296	1.76	-	33.00	5.78	32.87
PK	7.31612G	53.12	74.00	-20.88	41.54	3	Horizontal	137	1.80	-	37.60	7.16	33.18
AV	7.30324G	40.39	54.00	-13.61	28.82	3	Horizontal	137	1.80	-	37.60	7.15	33.18

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

2462MHz_TX

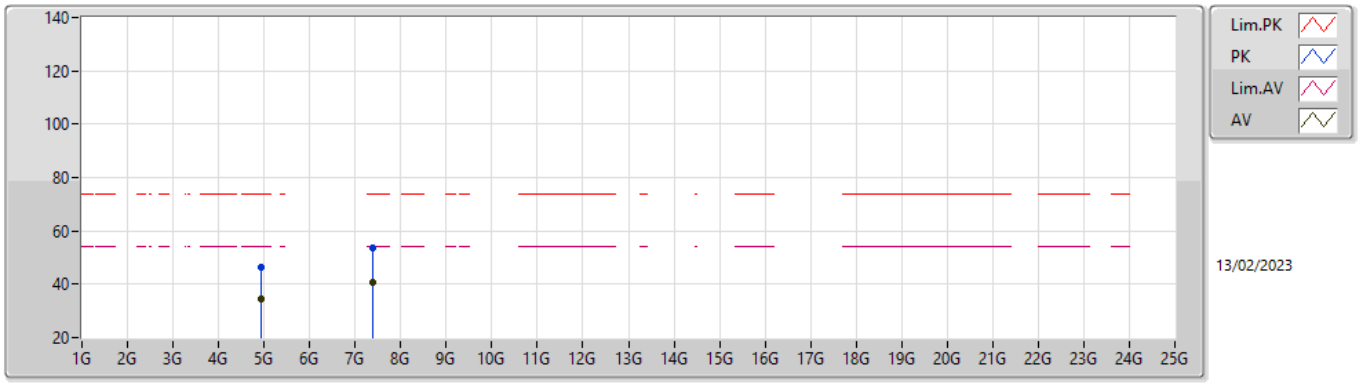


EUT Z_2TX
Setting 23
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9172G	47.40	74.00	-26.60	41.45	3	Vertical	32	3.00	-	33.00	5.82	32.87
AV	4.91456G	34.89	54.00	-19.11	28.95	3	Vertical	32	3.00	-	33.00	5.81	32.87
PK	7.3874G	53.26	74.00	-20.74	41.76	3	Vertical	206	1.80	-	37.53	7.19	33.22
AV	7.37644G	40.81	54.00	-13.19	29.29	3	Vertical	206	1.80	-	37.55	7.19	33.22

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

2462MHz_TX

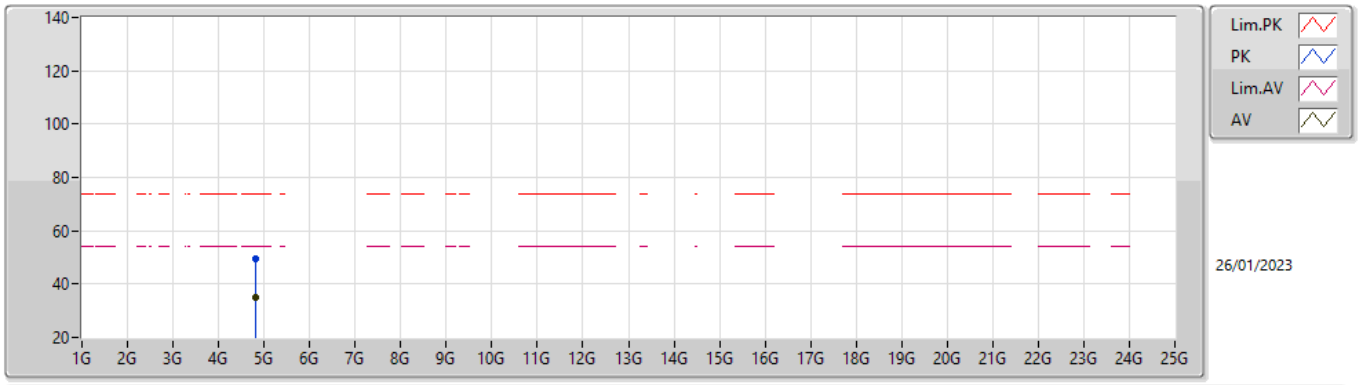


EUT Z_2TX
Setting 23
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92036G	46.44	74.00	-27.56	40.49	3	Horizontal	308	1.28	-	33.00	5.82	32.87
AV	4.92348G	34.55	54.00	-19.45	28.60	3	Horizontal	308	1.28	-	33.00	5.82	32.87
PK	7.39008G	53.84	74.00	-20.16	42.34	3	Horizontal	287	1.04	-	37.52	7.20	33.22
AV	7.382G	40.55	54.00	-13.45	29.04	3	Horizontal	287	1.04	-	37.54	7.19	33.22

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

2412MHz_TX

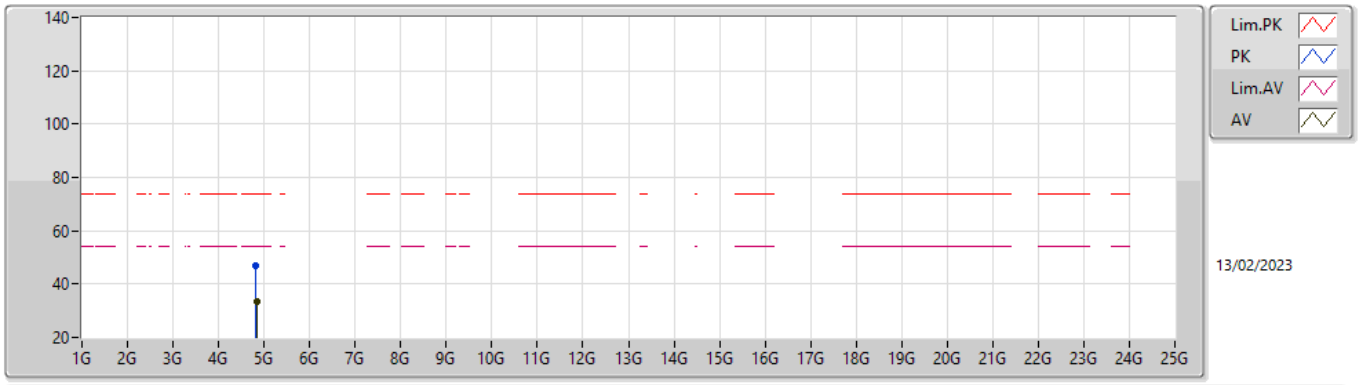


EUT Z_2TX
Setting 23
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.826G	49.31	74.00	-24.69	43.60	3	Vertical	51	1.79	-	32.86	5.73	32.88
AV	4.82608G	35.14	54.00	-18.86	29.43	3	Vertical	51	1.79	-	32.86	5.73	32.88

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

2412MHz_TX

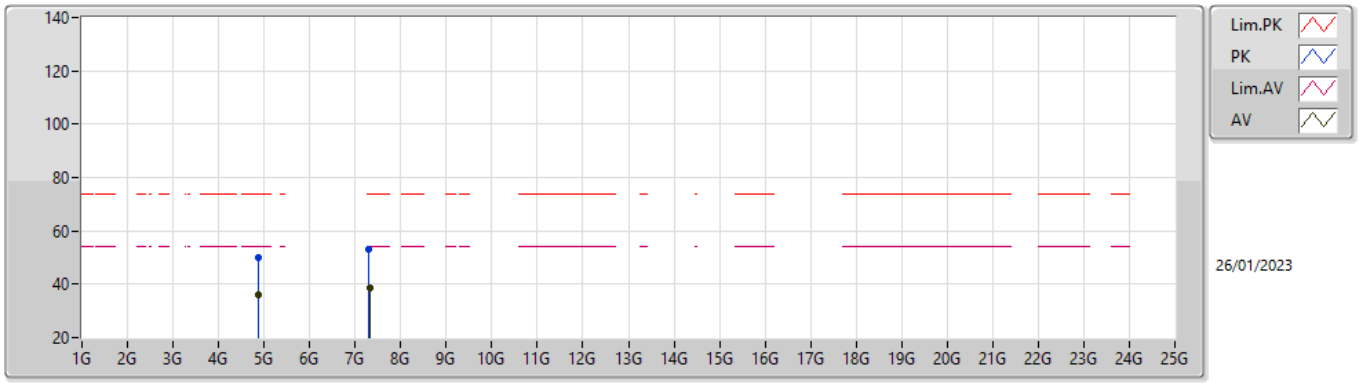


EUT Z_2TX
Setting 23
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82776G	47.15	74.00	-26.85	41.43	3	Horizontal	235	1.52	-	32.87	5.73	32.88
AV	4.83276G	33.25	54.00	-20.75	27.50	3	Horizontal	235	1.52	-	32.90	5.73	32.88

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

2437MHz_TX

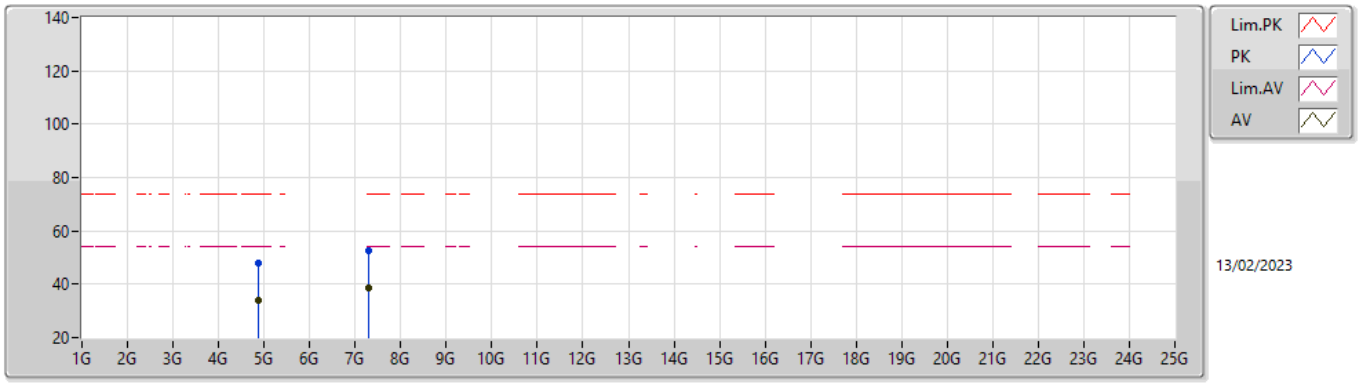


EUT Z_2TX
Setting 25
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87576G	49.94	74.00	-24.06	44.03	3	Vertical	52	1.80	-	33.00	5.78	32.87
AV	4.8718G	36.26	54.00	-17.74	30.37	3	Vertical	52	1.80	-	33.00	5.77	32.88
PK	7.30264G	52.95	74.00	-21.05	41.38	3	Vertical	323	2.98	-	37.60	7.15	33.18
AV	7.31784G	38.78	54.00	-15.22	27.21	3	Vertical	323	2.98	-	37.60	7.16	33.19

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

2437MHz_TX

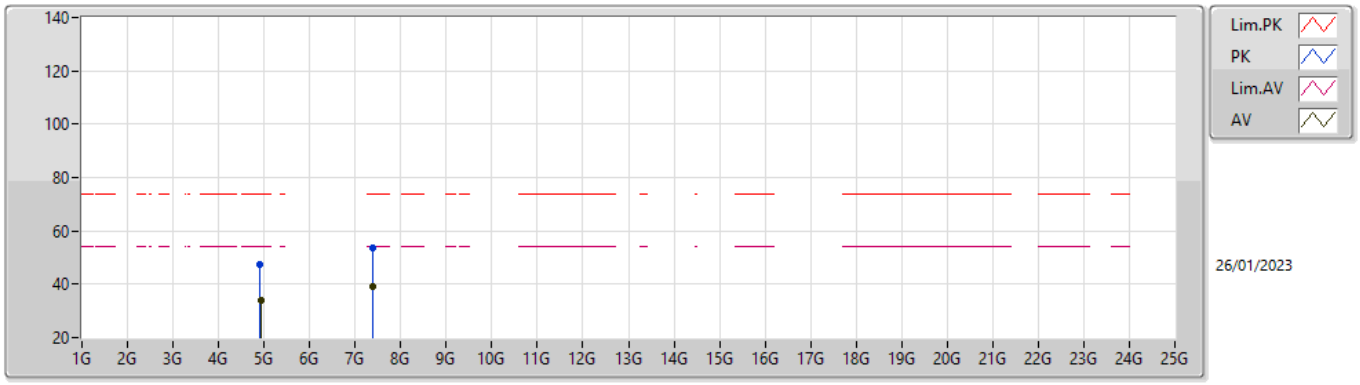


EUT Z_2TX
Setting 25
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87188G	48.04	74.00	-25.96	42.15	3	Horizontal	295	1.80	-	33.00	5.77	32.88
AV	4.87168G	33.84	54.00	-20.16	27.95	3	Horizontal	295	1.80	-	33.00	5.77	32.88
PK	7.30672G	52.45	74.00	-21.55	40.88	3	Horizontal	173	2.03	-	37.60	7.15	33.18
AV	7.3098G	38.75	54.00	-15.25	27.18	3	Horizontal	173	2.03	-	37.60	7.15	33.18

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

2462MHz_TX

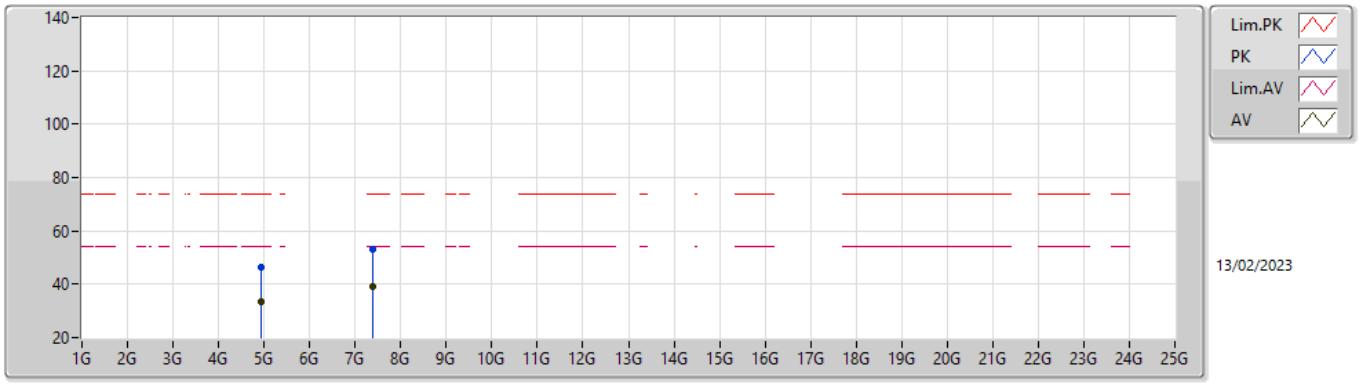


EUT Z_2TX
Setting 23
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.91592G	47.61	74.00	-26.39	41.66	3	Vertical	46	1.80	-	33.00	5.82	32.87
AV	4.92204G	34.10	54.00	-19.90	28.15	3	Vertical	46	1.80	-	33.00	5.82	32.87
PK	7.37616G	53.52	74.00	-20.48	42.00	3	Vertical	146	1.80	-	37.55	7.19	33.22
AV	7.37696G	39.15	54.00	-14.85	27.63	3	Vertical	146	1.80	-	37.55	7.19	33.22

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

2462MHz_TX

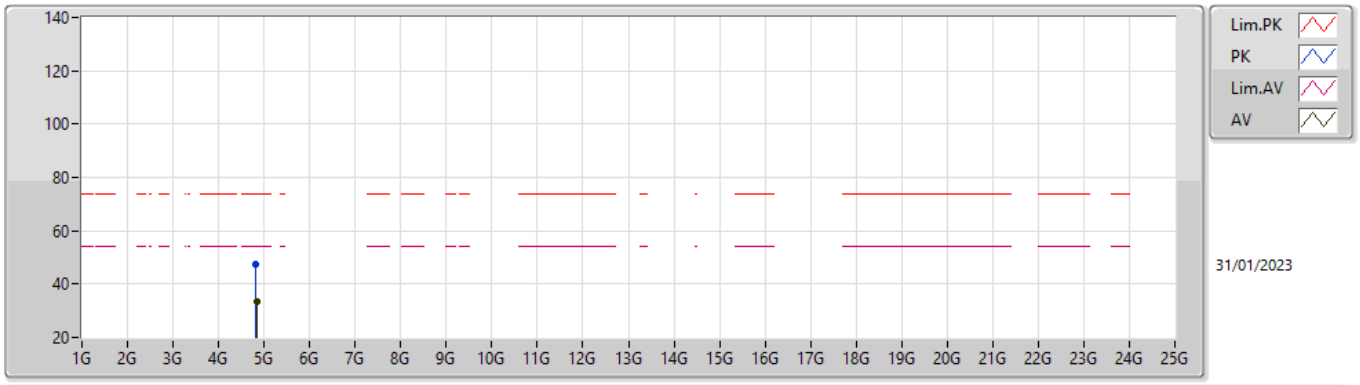


EUT Z_2TX
Setting 23
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92924G	46.42	74.00	-27.58	40.45	3	Horizontal	248	2.90	-	33.00	5.83	32.86
AV	4.924G	33.19	54.00	-20.81	27.24	3	Horizontal	248	2.90	-	33.00	5.82	32.87
PK	7.3958G	53.06	74.00	-20.94	41.58	3	Horizontal	94	1.77	-	37.51	7.20	33.23
AV	7.38816G	39.04	54.00	-14.96	27.55	3	Horizontal	94	1.77	-	37.52	7.19	33.22

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

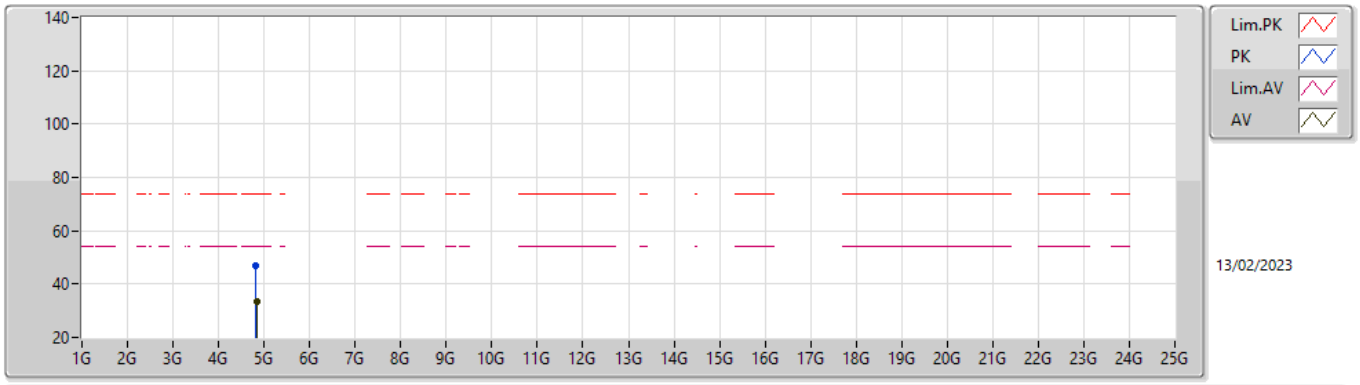


EUT Z_2TX
Setting 24
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82104G	47.38	74.00	-26.62	41.72	3	Vertical	135	1.44	-	32.83	5.72	32.89
AV	4.83084G	33.62	54.00	-20.38	27.88	3	Vertical	135	1.44	-	32.89	5.73	32.88

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

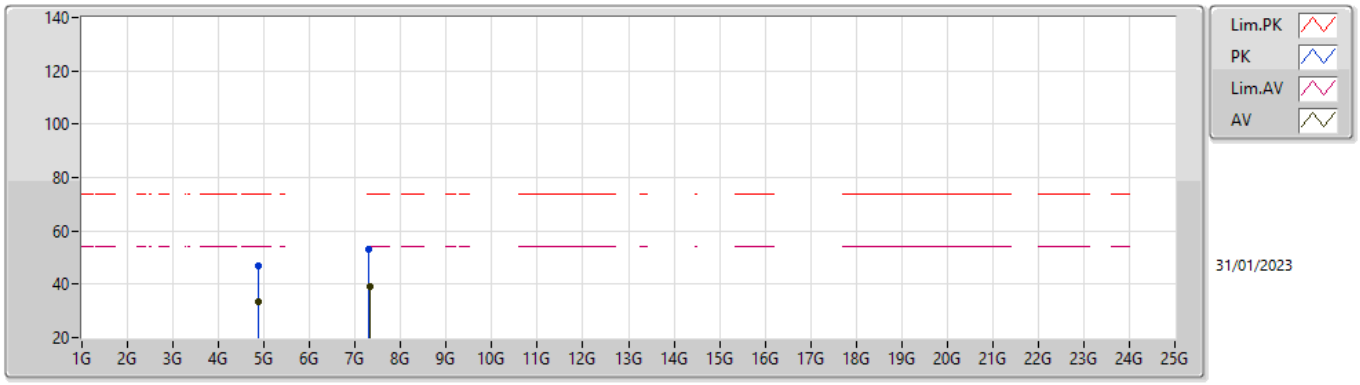


EUT Z_2TX
Setting 24
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8192G	46.89	74.00	-27.11	41.24	3	Horizontal	137	1.13	-	32.82	5.72	32.89
AV	4.83396G	33.63	54.00	-20.37	27.88	3	Horizontal	137	1.13	-	32.90	5.73	32.88

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

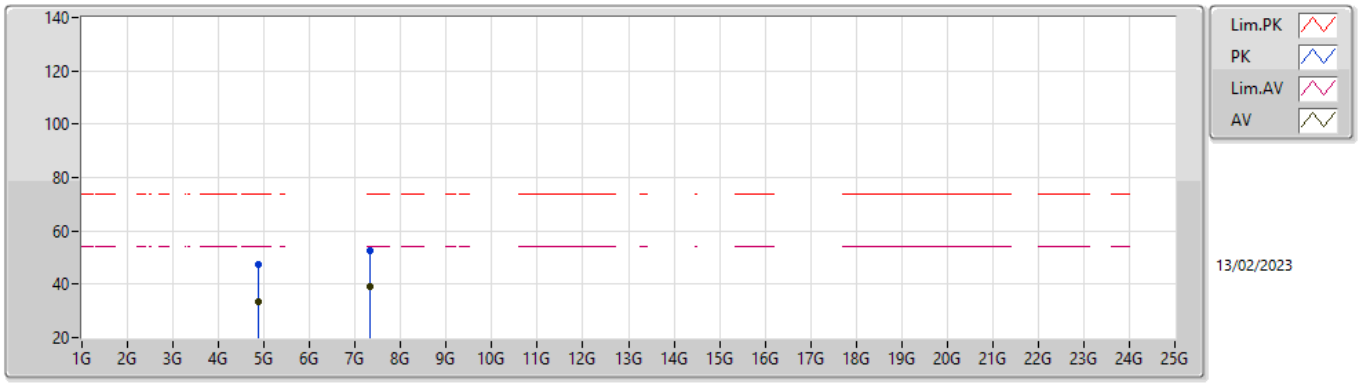


EUT Z_2TX
Setting 27
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86564G	46.96	74.00	-27.04	41.07	3	Vertical	348	1.46	-	33.00	5.77	32.88
AV	4.86624G	33.67	54.00	-20.33	27.78	3	Vertical	348	1.46	-	33.00	5.77	32.88
PK	7.30768G	53.04	74.00	-20.96	41.47	3	Vertical	165	2.14	-	37.60	7.15	33.18
AV	7.31544G	39.16	54.00	-14.84	27.58	3	Vertical	165	2.14	-	37.60	7.16	33.18

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

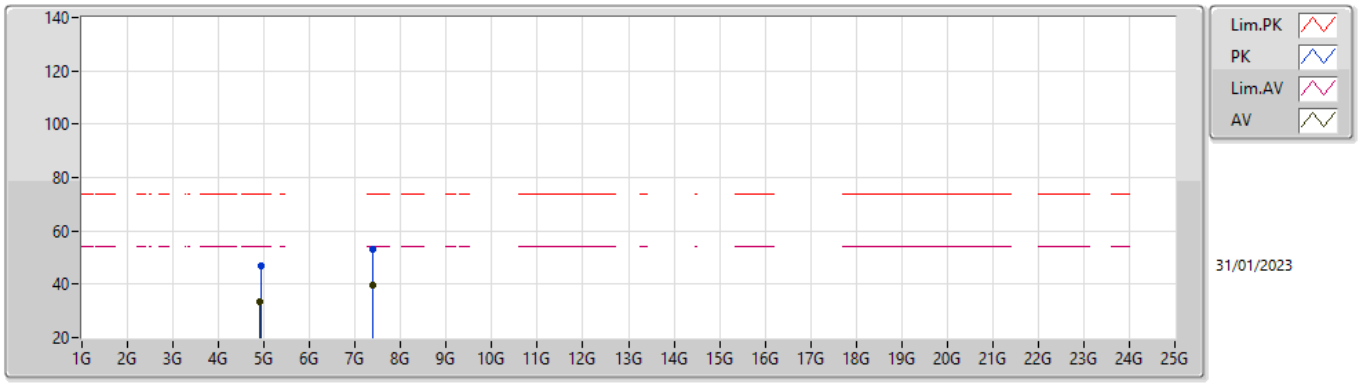


EUT Z_2TX
Setting 27
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86692G	47.48	74.00	-26.52	41.59	3	Horizontal	260	1.15	-	33.00	5.77	32.88
AV	4.8698G	33.69	54.00	-20.31	27.80	3	Horizontal	260	1.15	-	33.00	5.77	32.88
PK	7.31888G	52.68	74.00	-21.32	41.11	3	Horizontal	28	2.29	-	37.60	7.16	33.19
AV	7.31692G	39.12	54.00	-14.88	27.54	3	Horizontal	28	2.29	-	37.60	7.16	33.18

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

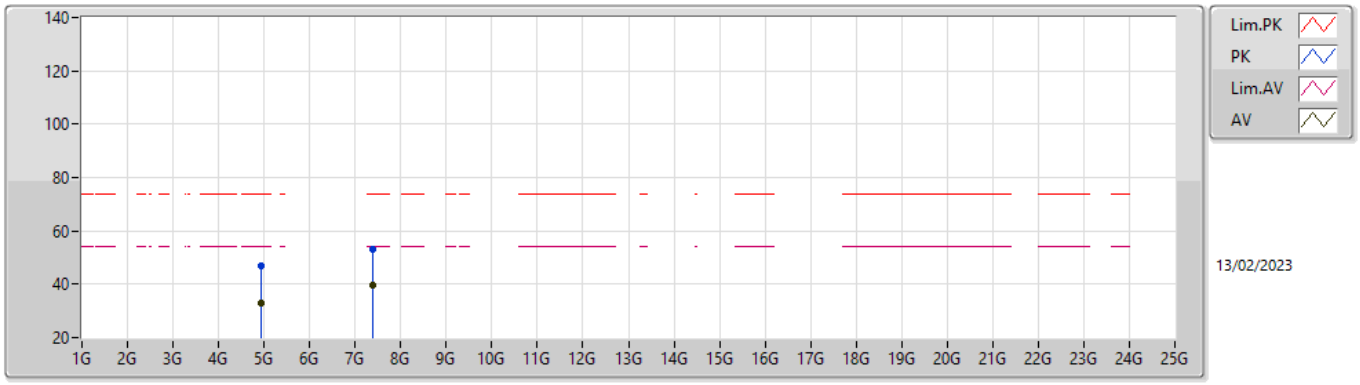


EUT Z_2TX
Setting 24
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.91932G	46.75	74.00	-27.25	40.80	3	Vertical	337	1.68	-	33.00	5.82	32.87
AV	4.914G	33.24	54.00	-20.76	27.30	3	Vertical	337	1.68	-	33.00	5.81	32.87
PK	7.3958G	53.01	74.00	-20.99	41.53	3	Vertical	291	1.17	-	37.51	7.20	33.23
AV	7.38708G	39.46	54.00	-14.54	27.96	3	Vertical	291	1.17	-	37.53	7.19	33.22

2.4-2.4835GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

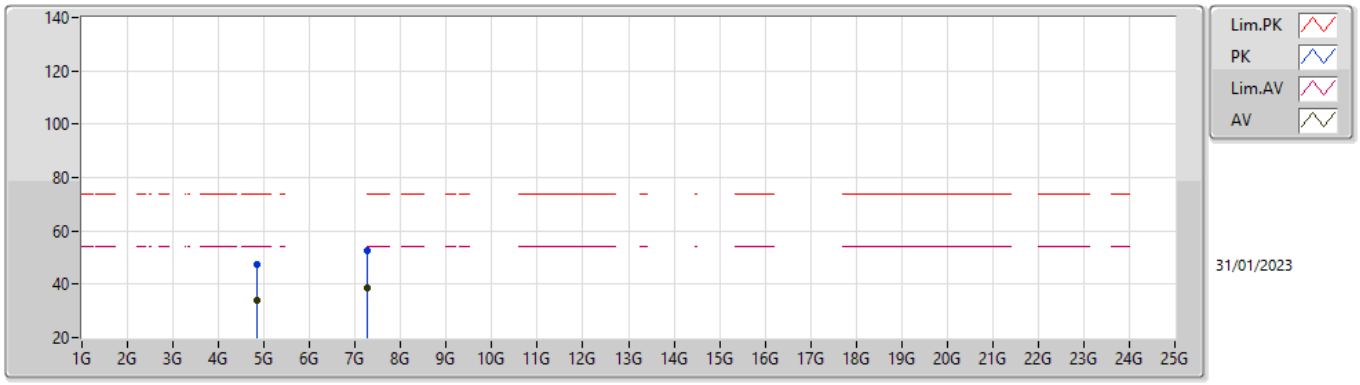


EUT Z_2TX
Setting 24
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92716G	46.79	74.00	-27.21	40.82	3	Horizontal	320	2.60	-	33.00	5.83	32.86
AV	4.92204G	33.18	54.00	-20.82	27.23	3	Horizontal	320	2.60	-	33.00	5.82	32.87
PK	7.38756G	53.24	74.00	-20.76	41.75	3	Horizontal	353	2.64	-	37.52	7.19	33.22
AV	7.37852G	39.58	54.00	-14.42	28.07	3	Horizontal	353	2.64	-	37.54	7.19	33.22

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

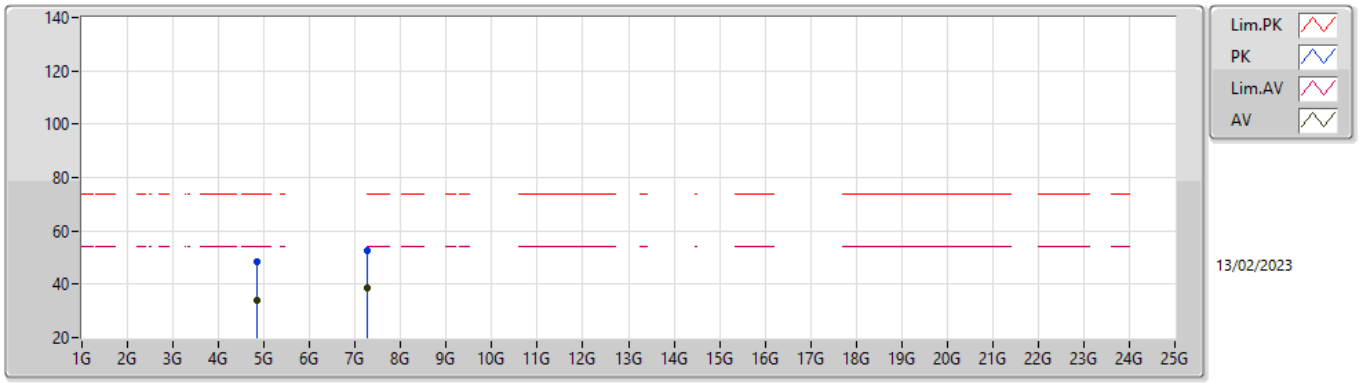


EUT Z_2TX
Setting 24
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84396G	47.38	74.00	-26.62	41.56	3	Vertical	186	1.70	-	32.96	5.74	32.88
AV	4.85036G	33.89	54.00	-20.11	28.02	3	Vertical	186	1.70	-	33.00	5.75	32.88
PK	7.2622G	52.70	74.00	-21.30	41.28	3	Vertical	202	2.64	-	37.45	7.13	33.16
AV	7.27508G	38.85	54.00	-15.15	27.37	3	Vertical	202	2.64	-	37.50	7.14	33.16

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

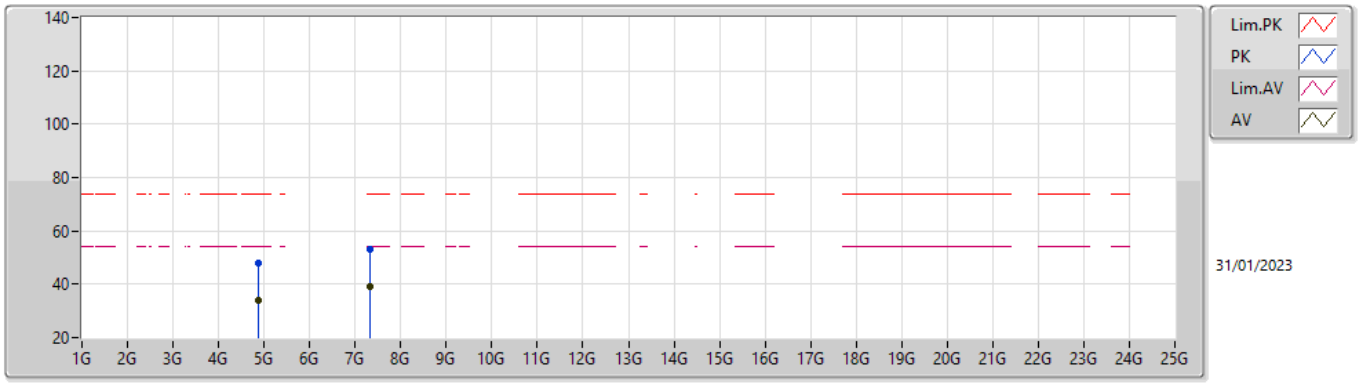


EUT Z_2TX
Setting 24
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83896G	48.28	74.00	-25.72	42.49	3	Horizontal	291	1.75	-	32.93	5.74	32.88
AV	4.84924G	33.95	54.00	-20.05	28.08	3	Horizontal	291	1.75	-	33.00	5.75	32.88
PK	7.276G	52.39	74.00	-21.61	40.91	3	Horizontal	108	2.02	-	37.50	7.14	33.16
AV	7.2744G	38.80	54.00	-15.20	27.32	3	Horizontal	108	2.02	-	37.50	7.14	33.16

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

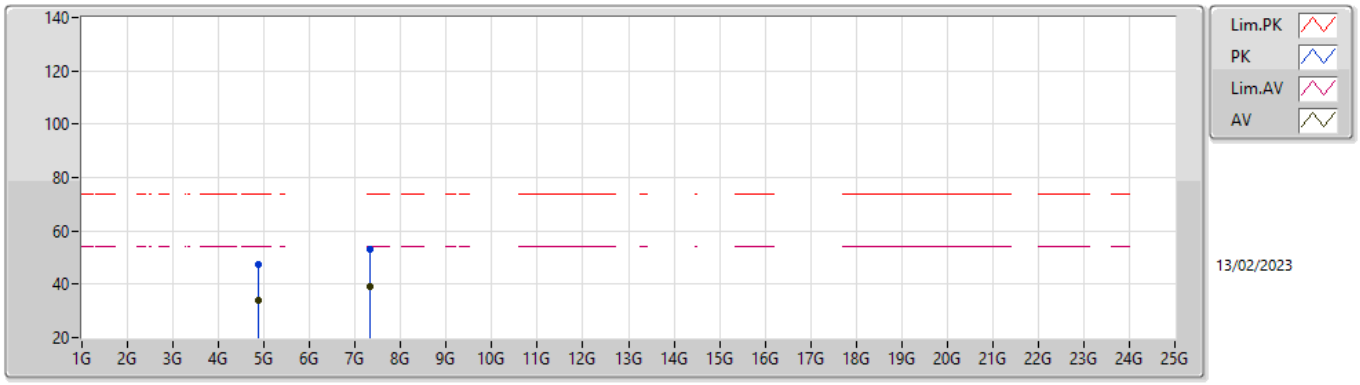


EUT Z_2TX
Setting 25
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86428G	47.92	74.00	-26.08	42.04	3	Vertical	0	2.84	-	33.00	5.76	32.88
AV	4.864G	33.91	54.00	-20.09	28.03	3	Vertical	0	2.84	-	33.00	5.76	32.88
PK	7.316G	53.25	74.00	-20.75	41.67	3	Vertical	212	2.57	-	37.60	7.16	33.18
AV	7.31152G	39.07	54.00	-14.93	27.49	3	Vertical	212	2.57	-	37.60	7.16	33.18

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

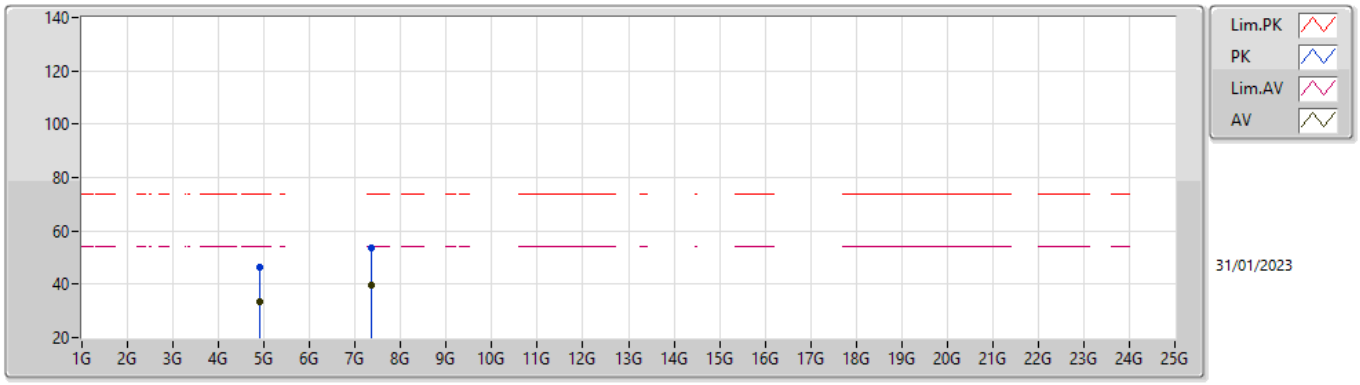


EUT Z_2TX
Setting 25
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87584G	47.19	74.00	-26.81	41.28	3	Horizontal	349	1.00	-	33.00	5.78	32.87
AV	4.86616G	33.73	54.00	-20.27	27.84	3	Horizontal	349	1.00	-	33.00	5.77	32.88
PK	7.31944G	52.86	74.00	-21.14	41.29	3	Horizontal	175	2.77	-	37.60	7.16	33.19
AV	7.31228G	39.13	54.00	-14.87	27.55	3	Horizontal	175	2.77	-	37.60	7.16	33.18

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

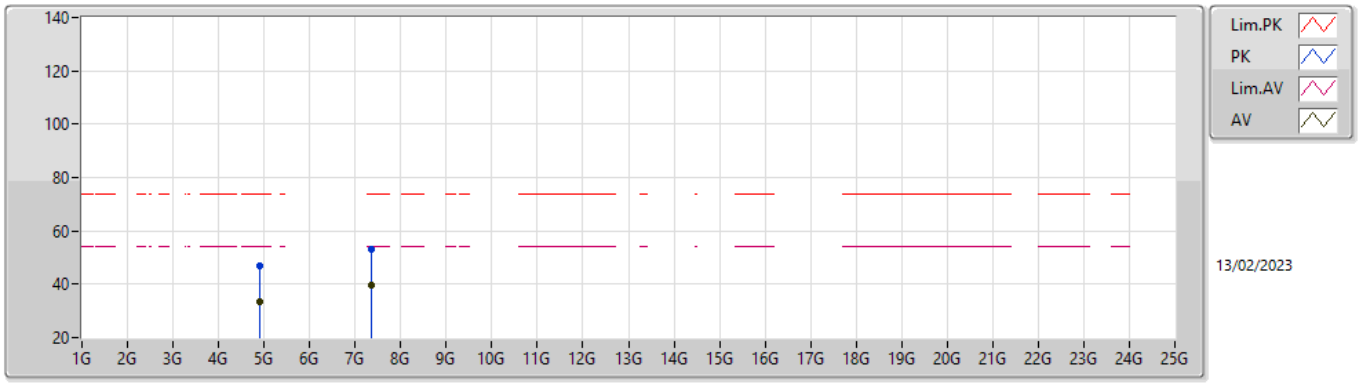


EUT Z_2TX
Setting 23
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.89652G	46.62	74.00	-27.38	40.69	3	Vertical	94	1.80	-	33.00	5.80	32.87
AV	4.90768G	33.25	54.00	-20.75	27.31	3	Vertical	94	1.80	-	33.00	5.81	32.87
PK	7.34908G	53.42	74.00	-20.58	41.85	3	Vertical	218	1.80	-	37.60	7.17	33.20
AV	7.36548G	39.45	54.00	-14.55	27.91	3	Vertical	218	1.80	-	37.57	7.18	33.21

2.4-2.4835GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX

2452MHz_TX



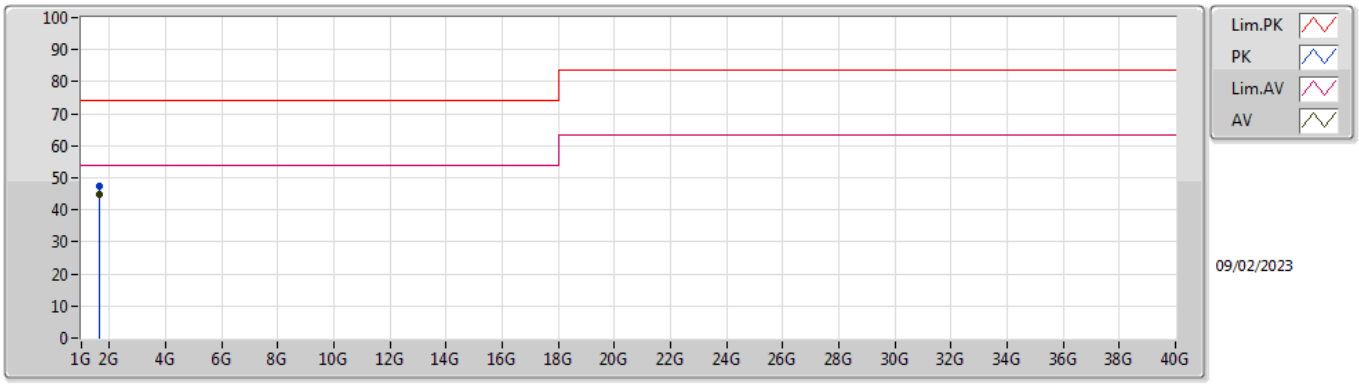
EUT Z_2TX
Setting 23
01-B-R-6

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90184G	46.65	74.00	-27.35	40.72	3	Horizontal	52	1.80	-	33.00	5.80	32.87
AV	4.91116G	33.21	54.00	-20.79	27.27	3	Horizontal	52	1.80	-	33.00	5.81	32.87
PK	7.3526G	53.04	74.00	-20.96	41.47	3	Horizontal	123	1.29	-	37.59	7.18	33.20
AV	7.36264G	39.53	54.00	-14.47	27.99	3	Horizontal	123	1.29	-	37.57	7.18	33.21

Summary

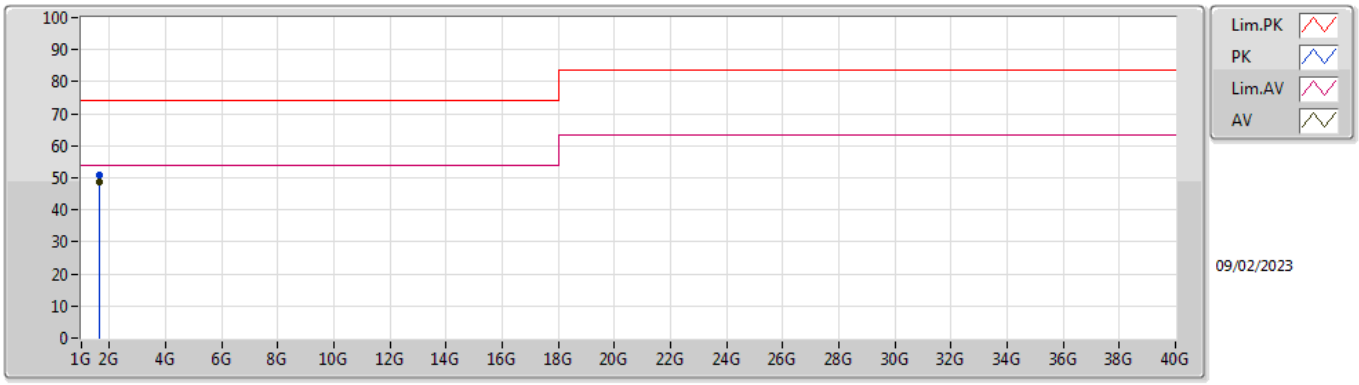
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.62501G	48.82	54.00	-5.18	Horizontal

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.62505G	47.36	74.00	-26.64	-5.34	3	Vertical	211	1.00	-	52.70	25.50	3.73	34.57
AV	1.625G	44.85	54.00	-9.15	-5.35	3	Vertical	211	1.00	"Worst"	50.20	25.50	3.72	34.57

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	1.62498G	50.92	74.00	-23.08	-5.35	3	Horizontal	242	1.00	-	56.27	25.50	3.72	34.57
AV	1.62501G	48.82	54.00	-5.18	-5.34	3	Horizontal	242	1.00	"Worst"	54.16	25.50	3.73	34.57