Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	MSQ-RTBE7800
Equipment	:	BE18000 Tri Band WiFi Router
Brand Name	:	ASUS
Model Name	:	BT10, BE18000
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Standard	:	47 CFR FCC Part 15.247

The product was received on Feb. 22, 2024, and testing was started from Mar. 04, 2024 and completed on May 11, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory
No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR422015AA	01	Initial issue of report	May 17, 2024
FR422015AA	02	Revised this report section 1.1.1.	May 22, 2024

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	DTS Bandwidth	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(e)	Power Spectral Density	PASS	-
3.5	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.6	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen
Report Producer: Wendy Pan

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), be (EHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40), be (EHT40)	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	VHT20	20	2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX
2.4-2.4835GHz	802.11be EHT20-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	VHT40	40	2TX
2.4-2.4835GHz	VHT40-BF	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX
2.4-2.4835GHz	802.11be EHT40	40	2TX
2.4-2.4835GHz	802.11be EHT40-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, 1024QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20, EHT40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM 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					
1	2	2	-	PSA	RFDPA230512IMAB903	Dipole Antenna	I-PEX	Note1
2	1	1	-	PSA	RFDPA230512IMAB903	Dipole Antenna	I-PEX	
3	-	4	-	PSA	RFDPA230512IMAB903	Dipole Antenna	I-PEX	
4	-	3	-	PSA	RFDPA230512IMAB903	Dipole Antenna	I-PEX	
5	-	-	1	PSA	RFDPA230512IMAB903	Dipole Antenna	I-PEX	
6	-	-	4	PSA	RFDPA230512IMAB903	Dipole Antenna	I-PEX	
7	-	-	3	PSA	RFDPA230512IMAB903	Dipole Antenna	I-PEX	
8	-	-	2	PSA	RFDPA230512IMAB903	Dipole Antenna	I-PEX	

Note1:

Freq(Hz)	2.45G	5.2G	5.3G	5.6G	5.785G
Ant. 1 Max Gain (dBi)	2.39	3.69	3.93	3.99	3.59
Ant. 2 Max Gain (dBi)	2.55	2.22	2.55	3.84	3.38
Ant. 3 Max Gain (dBi)	N/A	3.16	2.79	3.72	2.47
Ant. 4 Max Gain (dBi)	N/A	2.53	2.56	2.33	3.71
DG [1SS] (dBi)	4.86	5.7	6.12	7.72	7.52
DG [2SS] (dBi)	2.55	3.69	3.93	4.72	4.52
DG [4SS] (dBi)	N/A	3.69	3.93	3.99	3.71

Freq(Hz)	6.175G	6.475G	6.695G	6.995G
Ant. 5 Max Gain (dBi)	3.42	2.5	2.46	2.81
Ant. 6 Max Gain (dBi)	3.07	2.65	2.57	2.83
Ant. 7 Max Gain (dBi)	3.47	3.58	2.44	3.53
Ant. 8 Max Gain (dBi)	3.85	3.26	3.95	3.38
DG [1SS] (dBi)	5.33	4.88	5.77	5.89
DG [2SS] (dBi)	3.85	3.58	3.95	3.53
DG [4SS] (dBi)	3.85	3.58	3.95	3.53

Note 2: The above information (excepting antenna gain and directional gain) was declared by manufacturer.

For 2.4GHz function:
For IEEE 802.11b/g/n/VHT/ax/be (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/be (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.
For 6GHz function:
For IEEE 802.11a/ax/be (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss 1,(6D)	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss 1,(M0)	0.989	0.05	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss 1,(M0)	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.956	0.2	3.104m	1k
802.11be EHT40-BF_Nss 1,(M0)	0.962	0.17	4.62m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	accessMtool 3.0.0.7			

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.

Brand Name	Model Name	Description
ASUS	BT10	All the models are identical, the different models served as a marketing strategy.
	BE18000	

Note 1: From the above models, model: BT10 was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

1.1.6 Table for EUT Supports Functions

Function
AP Router
Mesh

Note 1: After evaluating, AP Router mode was selected to test and recorded in the report.

Note 2: The USB port on this device supports both storage and WWAN functionality and EUT in WWAN mode, 10 WNA/LAN 2 ports will be fixed in WAN function.

Note 3: The above information was declared by manufacturer.

1.1.7 Table for EUT Information

EUT	Integrated circuit packaging (Location: UP1/BUP7)
1	FCFBGA Package
2	FCBGA Package

Note 1: From the above, EUT 2 was selected to test all items (Excepting AC Power-line Conducted Emissions) and EUT 1 was selected to test AC Power-line Conducted Emissions and Radiated below 1GHz.

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 D03 v01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Serway Lee	24.3-24.6 / 51-62	Apr. 20, 2024~ Apr. 29, 2024
Radiated below 1GHz	03CH05-CB	Roy Mai	21.9-22.4 / 55-58	Mar. 04, 2024~ Apr. 26, 2024
				May 11, 2024
Radiated above 1GHz	03CH06-CB	Roy Mai	21.4-22.5 / 55-58	Mar. 04, 2024~ Apr. 26, 2024
Radiated Emission Co-location	03CH03-CB	Roy Mai	22.7-23.8 / 56-59	Mar. 04, 2024~ Apr. 26, 2024
AC Conduction	CO02-CB	Elvin Yeh	23~24 / 53~54	Apr. 02, 2024

1.4 Measurement Uncertainty

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

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

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2452MHz

Note:
- EHT20 / EHT40 covers HT20 / HT40 / VHT20 / VHT40 / HEW20 / HEW40 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / HEW20 / HEW40 is the same or lower than EHT20 / EHT40.
- The EUT supports non-beamforming and beamforming modes, after evaluating, the 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	AP Router Mode / WAN Mode_EUT 1 WAN/LAN1 (WAN) + 10G WAN/LAN2 (LAN) + 10G LAN 3 (LAN) + USB Port (Read/Write) + RJ-45 cable + Adapter 1
2	AP Router Mode / WAN Mode_EUT 1 10G WAN/LAN2 (WAN) + WAN/LAN1 (LAN) + 10G LAN 3 (LAN) + USB Port (Read/Write) + RJ-45 cable + Adapter 1
3	AP Router Mode / WWAN Mode_ EUT 1 WAN/LAN1 (LAN) + 10G WAN/LAN2 (WAN) + 10G LAN 3 (LAN) + USB Port (WWAN) + RJ-45 cable + Adapter 1
Mode 1 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	AP Router Mode / WAN Mode_EUT 1 WAN/LAN1 (WAN) + 10G WAN/LAN2 (LAN) + 10G LAN 3 (LAN) + USB Port (Read/Write) + RJ-45 cable + Adapter 2
For operating mode 1 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.	
1	EUT 1 in Y axis WLAN 2.4GHz + Adapter 1
2	EUT 1 in Y axis WLAN 5GHz + Adapter 1
3	EUT 1 in Y axis WLAN 6GHz + Adapter 1
Mode 2 has been evaluated to be the worst case among Mode 1~3, thus measurement for Mode 4 will follow this same test mode.	
4	EUT 1 in Y axis WLAN 5GHz + Adapter 2
Mode 2 has been evaluated to be the worst case among Mode 1~4, thus measurement for Mode 5 will follow this same test mode.	
5	EUT 2 in Y axis WLAN 5GHz + Adapter 1
For operating mode 5 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.	
1	EUT 2 in Y 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	EUT 2 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	EUT 2 WLAN 2.4GHz+ WLAN 5GHz+ WLAN 6GHz
2	EUT 2 WLAN 2.4GHz+ WLAN 5GHz+ WLAN 6GHz+WWAN
Refer to Sporton Test Report No.: FA422015 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS [ver 6.1.7601].
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Wireless AP and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter 1	LEI	MU36D1120300-A1	Input: 100-240V~50/60Hz, 1.0A Output: 12V, 3A
Adapter 2	APD	WA-36N12FU	Input: 100-240V~, 50-60Hz, 0.9A Max Output: 12.0V, 3.0A
Other			
RJ-45 cable*1: Shielded, 1.5m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	WAN/LAN1 NB	DELL	E6430	N/A
B	Flash disk3.0	Transcend	JetFlash-703	N/A
C	10G WAN/LAN2 PC	DELL	OPTIPLEX 3010	N/A
D	10G LAN3 PC	DELL	OPTIPLEX 3010	N/A
E	2.4G NB	DELL	E6430	N/A
F	5G NB	DELL	E6430	N/A
G	6G NB	DELL	E7240	N/A
H	6G Device	INTEL	BE200	N/A

For Radiated (below 1GHz):

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

For Radiated (above 1GHz):

non-beamforming mode:

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

beamforming mode:

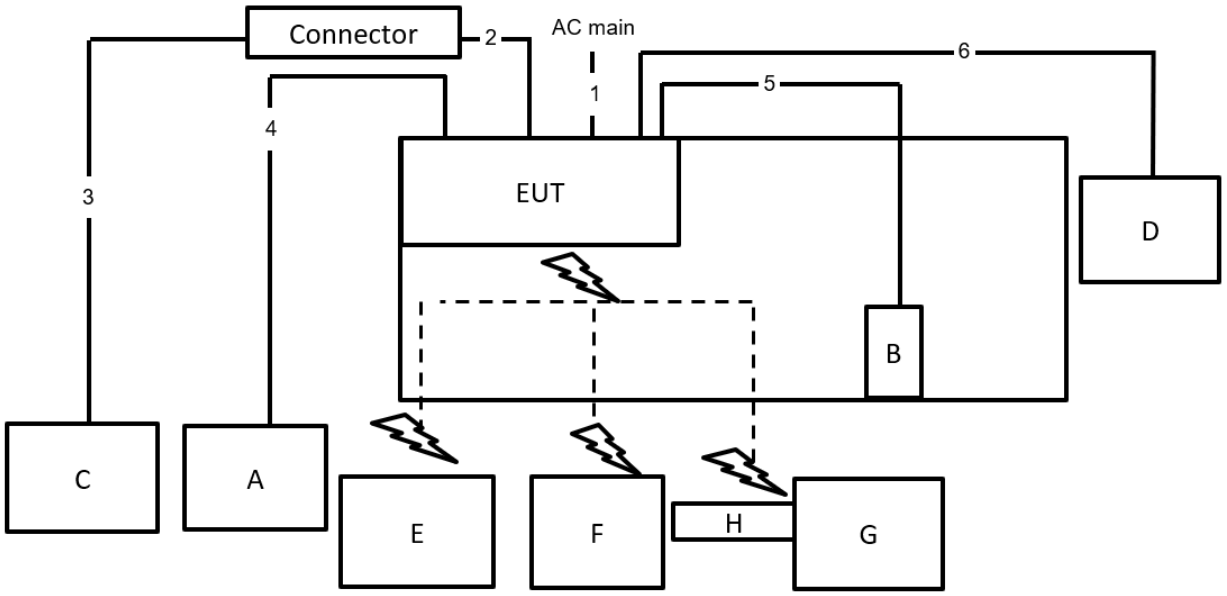
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Device	ASUS	BT10	MSQ-RTBE7800
C	Notebook	DELL	E4300	N/A

For RF Conducted:

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

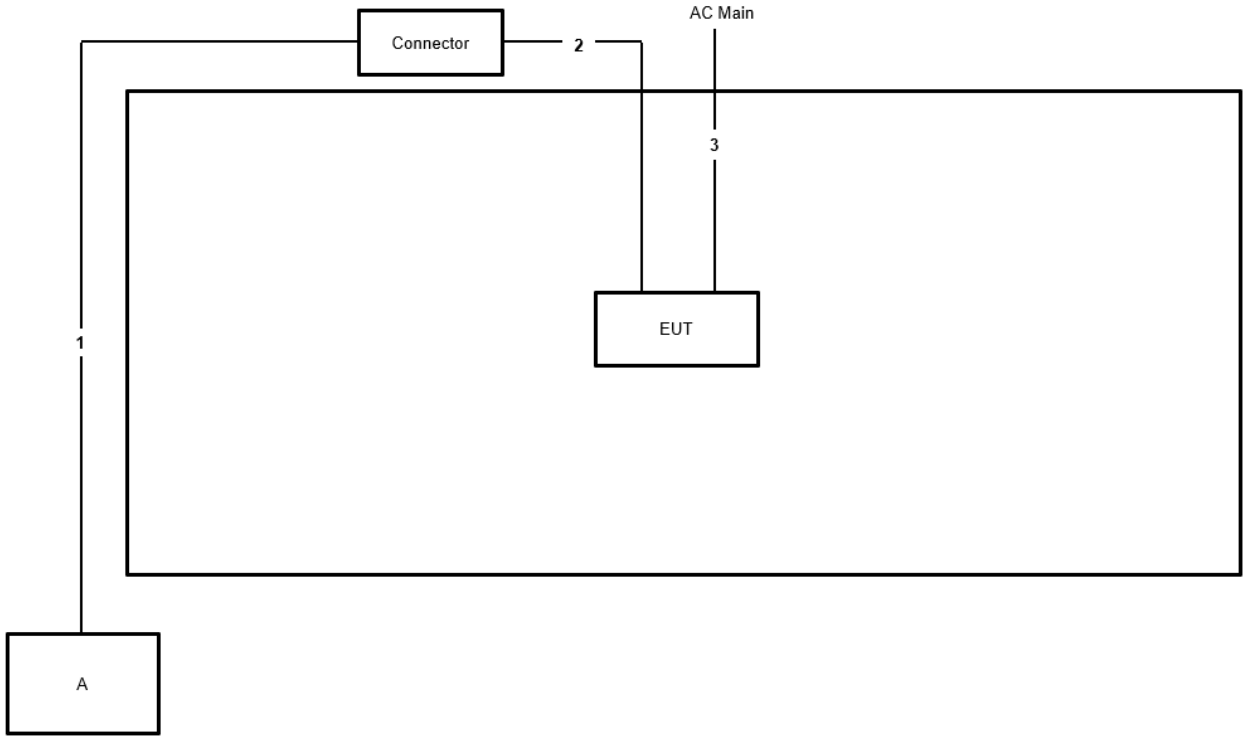
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



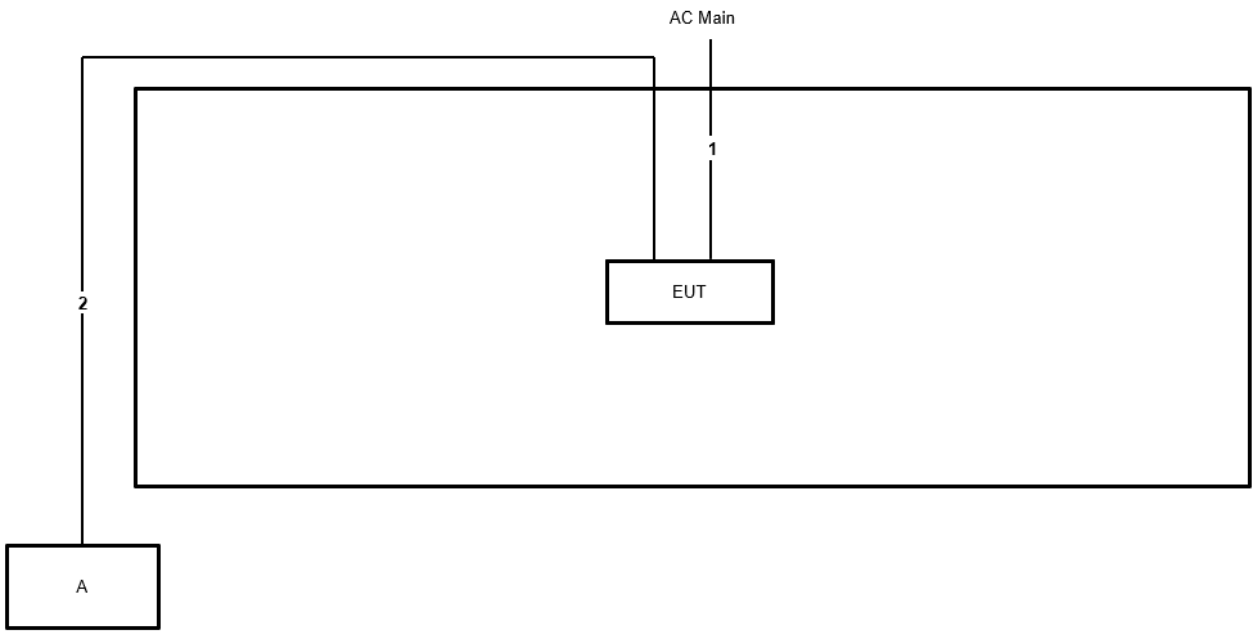
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	Cat.6 RJ-45 cable	Yes	1.5m
3	Cat.6 RJ-45 cable	Yes	10m
4	Cat.5e RJ-45 cable	No	10m
5	USB cable	Yes	1.8m
6	Cat.6 RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



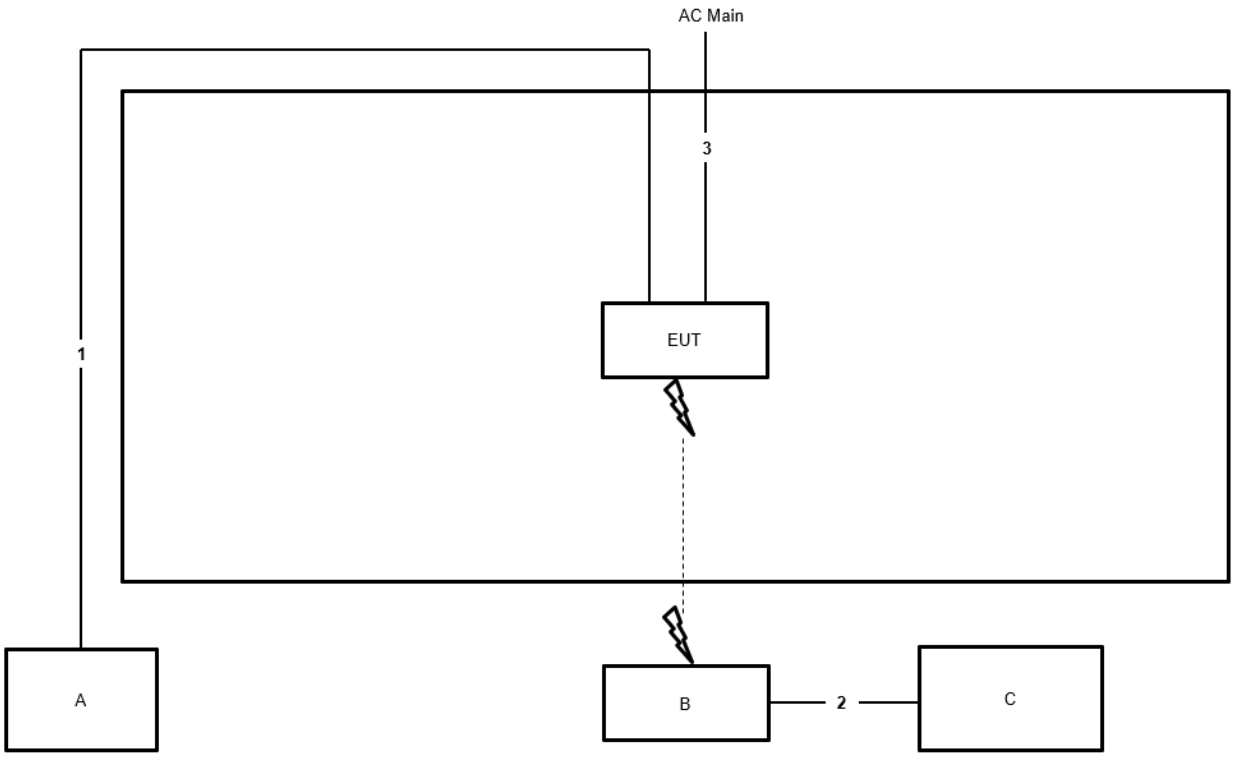
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	Yes	1.5m
3	Power cable	No	1.8m

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



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

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



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

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

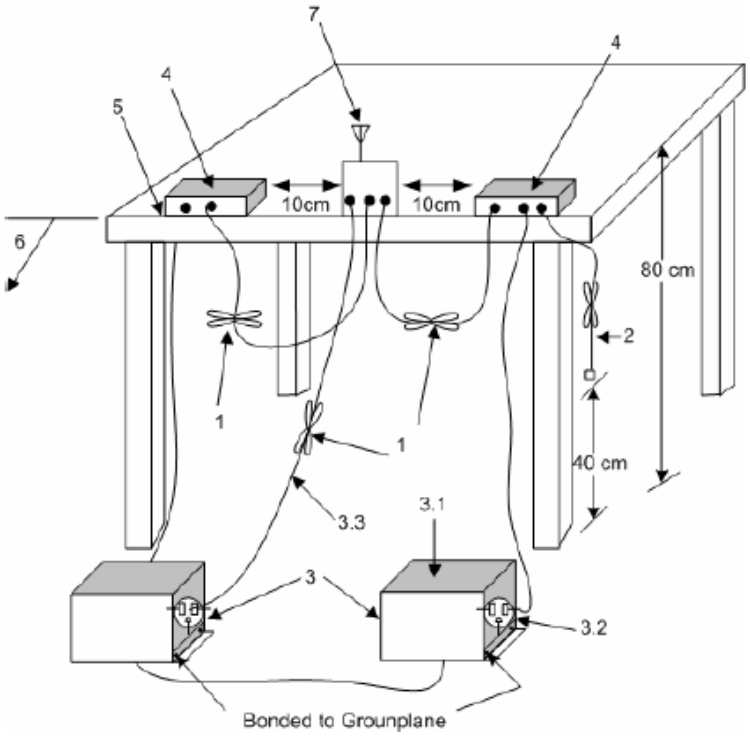
Refer a test equipment and calibration data table in this test report.

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.

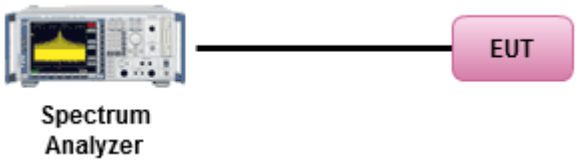
3.2.2 Measuring Instruments

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

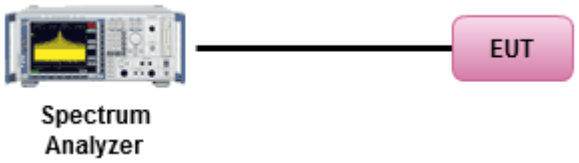
3.4.2 Measuring Instruments

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

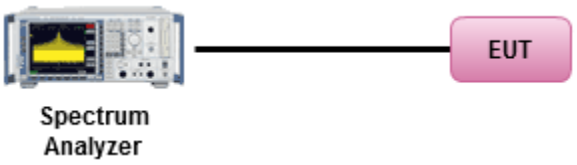
Refer a test equipment and calibration data table in this test report.

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.

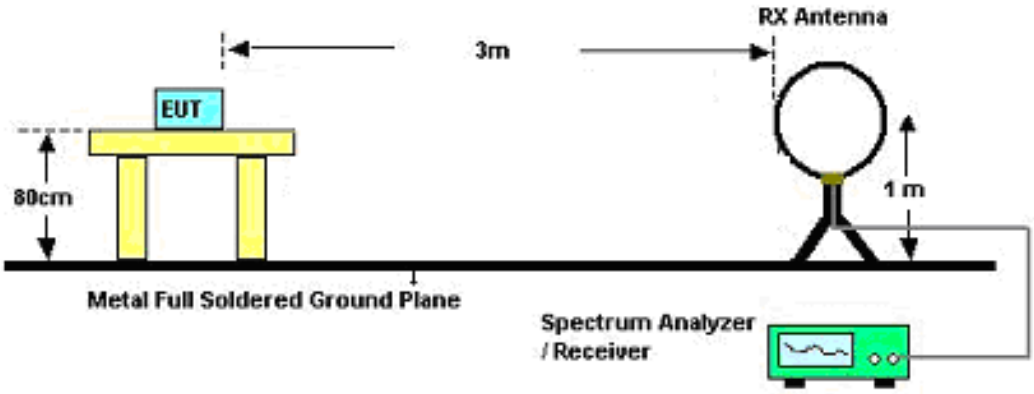
3.6.3 Test Procedures

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.		

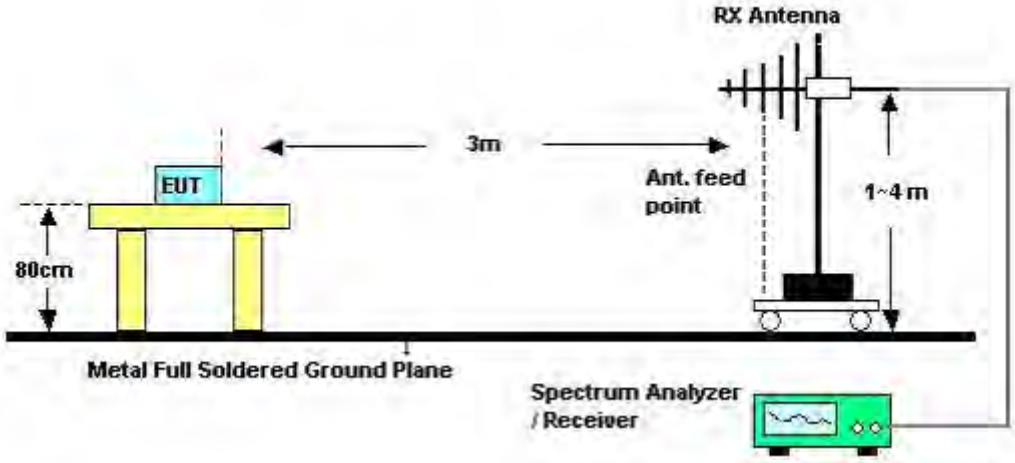
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

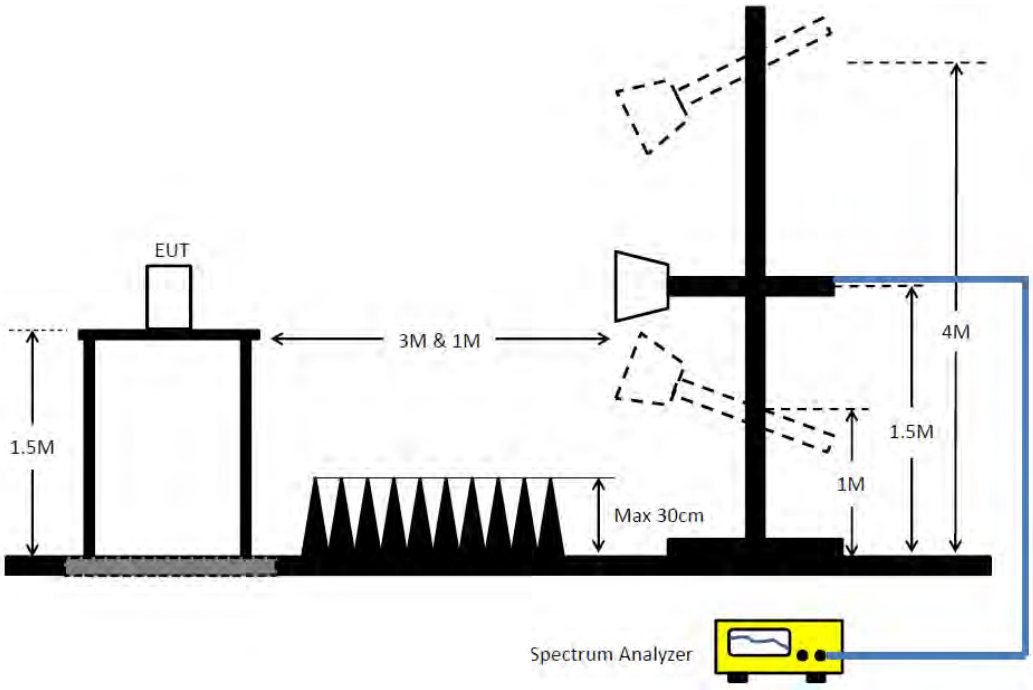
9kHz ~30MHz



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
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 06, 2023	Apr. 05, 2024	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 18, 2023	May 17, 2024	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 24, 2023	Mar. 23, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 03, 2023	May 02, 2024	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 18, 2023	Apr. 17, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 13, 2023	Jun. 12, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 29, 2023	May 28, 2024	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 04, 2023	May 03, 2024	Radiation (03CH03-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2024	Jan. 23, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Feb. 29, 2024	Feb. 28, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Feb. 29, 2024	Feb. 28, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 –26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

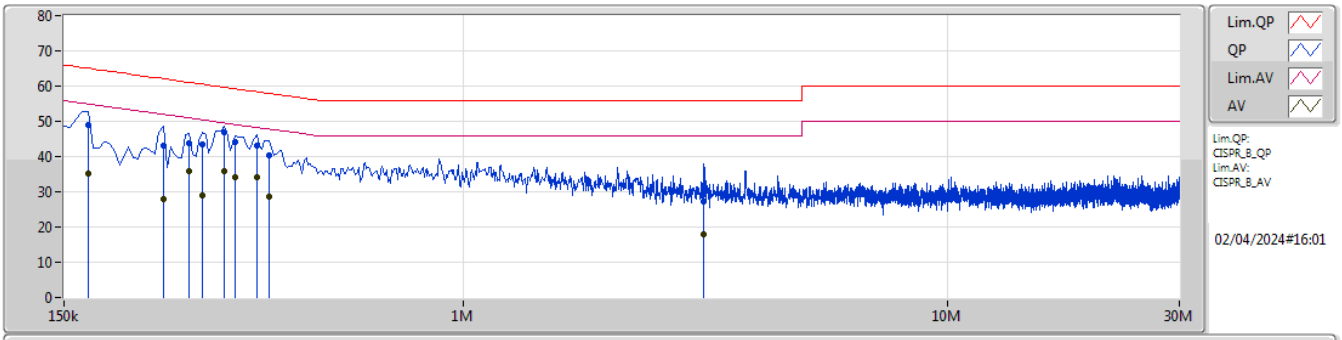
Note: Calibration Interval of instruments listed above is one year.

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

Summary

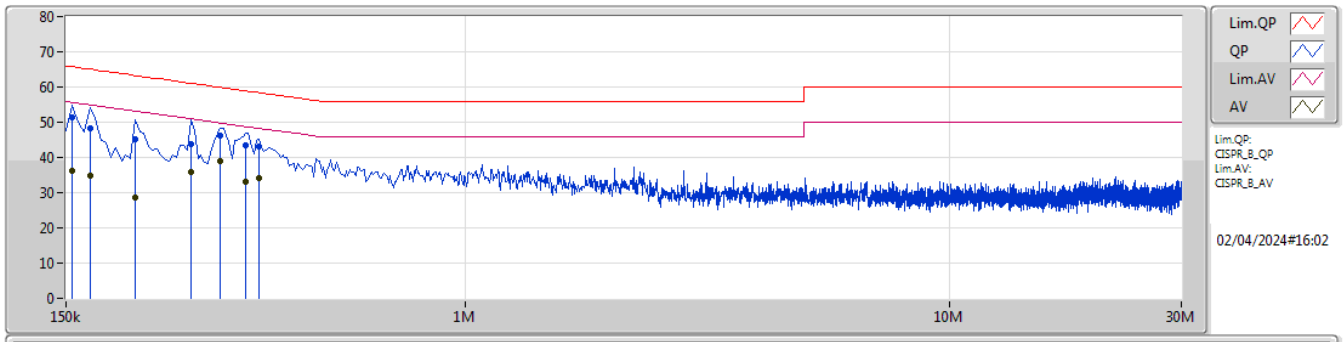
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	312k	38.82	49.92	-11.10	Neutral

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	168k	49.02	65.06	-16.04	10.08	Line	-	38.94	0.04	0.03	10.01
AV	168k	35.08	55.06	-19.98	10.08	Line	-	25.00	0.04	0.03	10.01
QP	240k	43.19	62.10	-18.91	10.06	Line	-	33.13	0.04	0.03	9.99
AV	240k	27.91	52.10	-24.19	10.06	Line	-	17.85	0.04	0.03	9.99
QP	271.5k	43.95	61.07	-17.12	10.06	Line	-	33.89	0.04	0.03	9.99
AV	271.5k	35.92	51.07	-15.15	10.06	Line	-	25.86	0.04	0.03	9.99
QP	289.5k	43.39	60.53	-17.14	10.07	Line	-	33.32	0.04	0.03	10.00
AV	289.5k	29.08	50.53	-21.45	10.07	Line	-	19.01	0.04	0.03	10.00
QP	321k	47.01	59.67	-12.66	10.07	Line	"Worst"	36.94	0.04	0.03	10.00
AV	321k	35.97	49.67	-13.70	10.07	Line	-	25.90	0.04	0.03	10.00
QP	339k	44.27	59.23	-14.96	10.07	Line	-	34.20	0.04	0.03	10.00
AV	339k	34.22	49.23	-15.01	10.07	Line	-	24.15	0.04	0.03	10.00
QP	375k	43.08	58.39	-15.31	10.07	Line	-	33.01	0.04	0.03	10.00
AV	375k	33.98	48.39	-14.41	10.07	Line	-	23.91	0.04	0.03	10.00
QP	397.5k	40.18	57.91	-17.73	10.07	Line	-	30.11	0.04	0.03	10.00
AV	397.5k	28.46	47.91	-19.45	10.07	Line	-	18.39	0.04	0.03	10.00
QP	3.125M	27.20	56.00	-28.80	10.10	Line	-	17.10	0.09	0.10	9.91
AV	3.125M	18.02	46.00	-27.98	10.10	Line	-	7.92	0.09	0.10	9.91

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	51.28	65.75	-14.47	10.09	Neutral	-	41.19	0.05	0.03	10.01
AV	154.5k	36.25	55.75	-19.50	10.09	Neutral	-	26.16	0.05	0.03	10.01
QP	168k	48.40	65.06	-16.66	10.09	Neutral	-	38.31	0.05	0.03	10.01
AV	168k	34.97	55.06	-20.09	10.09	Neutral	-	24.88	0.05	0.03	10.01
QP	208.5k	45.08	63.27	-18.19	10.07	Neutral	-	35.01	0.05	0.03	9.99
AV	208.5k	28.45	53.27	-24.82	10.07	Neutral	-	18.38	0.05	0.03	9.99
QP	271.5k	43.66	61.07	-17.41	10.07	Neutral	-	33.59	0.05	0.03	9.99
AV	271.5k	35.72	51.07	-15.35	10.07	Neutral	-	25.65	0.05	0.03	9.99
QP	312k	46.23	59.92	-13.69	10.08	Neutral	-	36.15	0.05	0.03	10.00
AV	312k	38.82	49.92	-11.10	10.08	Neutral	"Worst"	28.74	0.05	0.03	10.00
QP	352.5k	43.35	58.91	-15.56	10.08	Neutral	-	33.27	0.05	0.03	10.00
AV	352.5k	33.16	48.91	-15.75	10.08	Neutral	-	23.08	0.05	0.03	10.00
QP	375k	43.07	58.39	-15.32	10.08	Neutral	-	32.99	0.05	0.03	10.00
AV	375k	34.04	48.39	-14.35	10.08	Neutral	-	23.96	0.05	0.03	10.00

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	7.575M	11.775M	11M8G1D	6.525M	10.082M
802.11g_Nss1,(6Mbps)_2TX	16.5M	18.015M	18M0D1D	16.2M	16.867M
802.11be EHT20_Nss1,(MCS0)_2TX	19.1M	19.111M	19M1D1D	16.325M	19.049M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	19.1M	19.203M	19M2D1D	13.4M	19.056M
802.11be EHT40_Nss1,(MCS0)_2TX	37.8M	37.803M	37M8D1D	36.05M	37.689M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	37.85M	37.823M	37M8D1D	36.05M	37.671M

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

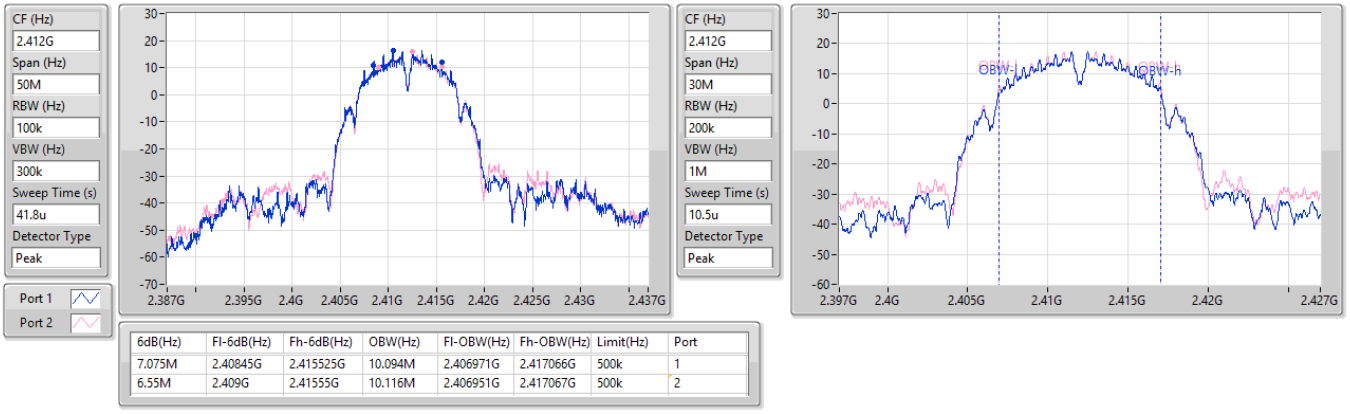
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	10.094M	6.55M	10.116M
2437MHz	Pass	500k	7.575M	10.465M	7.575M	11.775M
2462MHz	Pass	500k	6.525M	10.132M	6.575M	10.082M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.35M	16.998M	16.5M	16.921M
2437MHz	Pass	500k	16.2M	17.112M	16.4M	18.015M
2462MHz	Pass	500k	16.35M	16.867M	16.375M	16.919M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	17.9M	19.087M	16.325M	19.066M
2437MHz	Pass	500k	18.075M	19.111M	19.1M	19.049M
2462MHz	Pass	500k	18.5M	19.05M	18.675M	19.087M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.65M	37.785M	36.75M	37.783M
2437MHz	Pass	500k	37.8M	37.689M	37.1M	37.736M
2452MHz	Pass	500k	37.35M	37.803M	36.05M	37.796M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.9M	19.056M	13.4M	19.064M
2437MHz	Pass	500k	19M	19.074M	18.625M	19.203M
2462MHz	Pass	500k	19.1M	19.096M	18.55M	19.066M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.55M	37.74M	36.05M	37.754M
2437MHz	Pass	500k	37.85M	37.671M	37.6M	37.682M
2452MHz	Pass	500k	37.8M	37.748M	36.7M	37.823M

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

23/04/2024

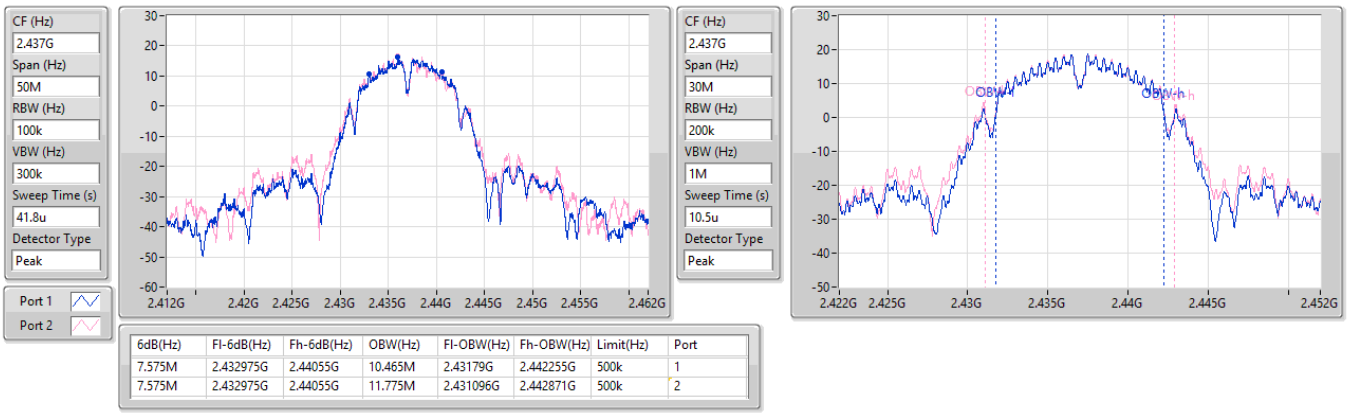


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.40845G	2.415525G	10.094M	2.406971G	2.417066G	500k	1
6.55M	2.409G	2.41555G	10.116M	2.406951G	2.417067G	500k	2

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

2437MHz

23/04/2024

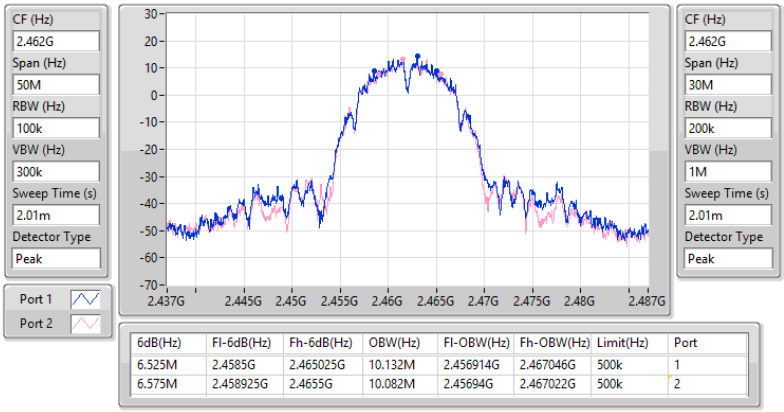


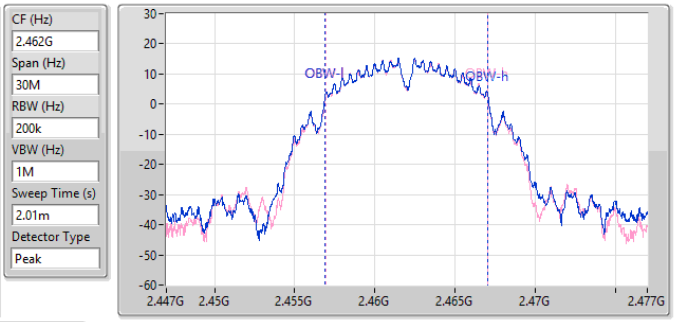
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.575M	2.432975G	2.44055G	10.465M	2.43179G	2.442255G	500k	1
7.575M	2.432975G	2.44055G	11.775M	2.431096G	2.442871G	500k	2

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

2462MHz

23/04/2024



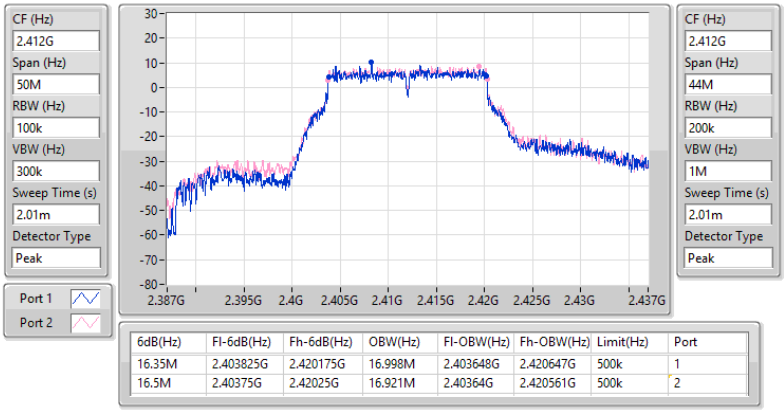


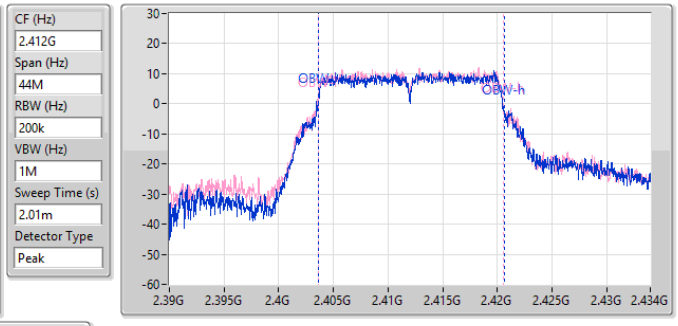
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.525M	2.4585G	2.465025G	10.132M	2.456914G	2.467046G	500k	1
6.575M	2.458925G	2.4655G	10.082M	2.45694G	2.467022G	500k	2

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

2412MHz

23/04/2024



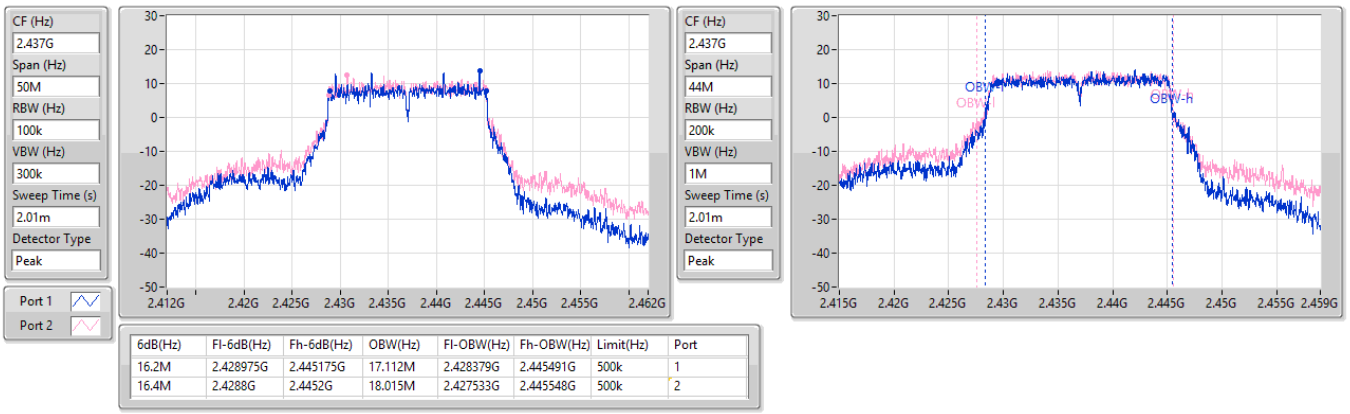


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.403825G	2.420175G	16.998M	2.403648G	2.420647G	500k	1
16.5M	2.40375G	2.42025G	16.921M	2.40364G	2.420561G	500k	2

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

2437MHz

23/04/2024

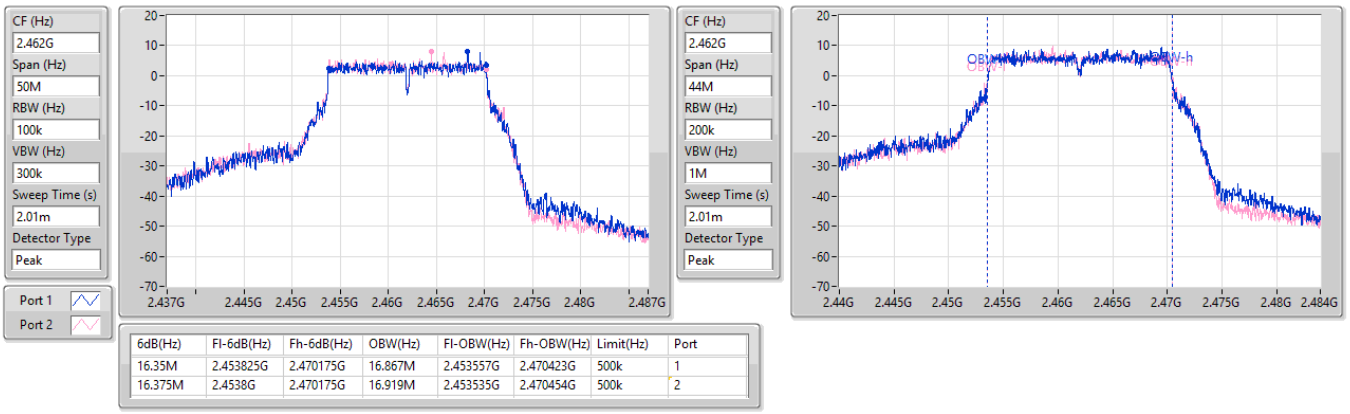


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.2M	2.428975G	2.445175G	17.112M	2.428379G	2.445491G	500k	1
16.4M	2.4288G	2.4452G	18.015M	2.427533G	2.445548G	500k	2

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

2462MHz

23/04/2024

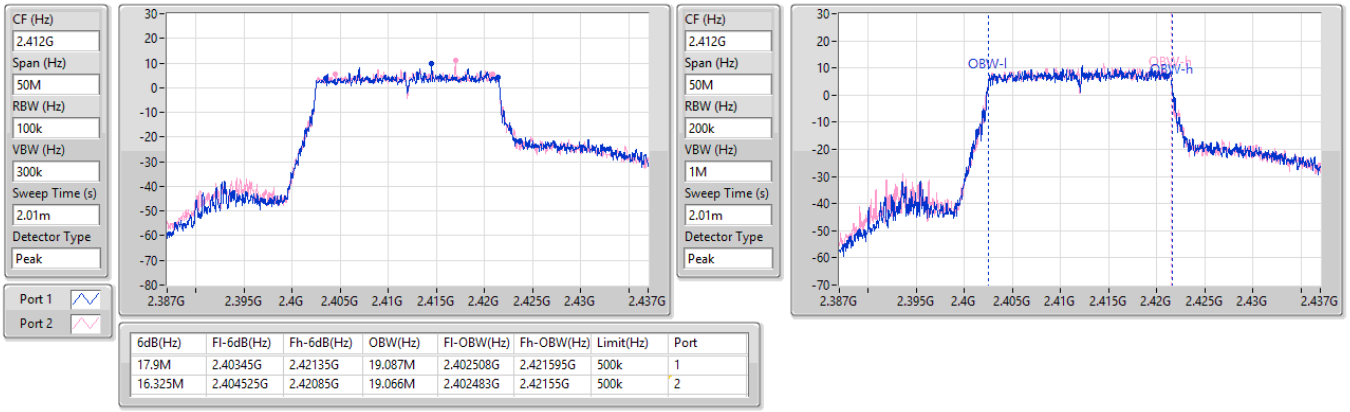


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.453825G	2.470175G	16.867M	2.453557G	2.470423G	500k	1
16.375M	2.4538G	2.470175G	16.919M	2.453535G	2.470454G	500k	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

2412MHz

23/04/2024

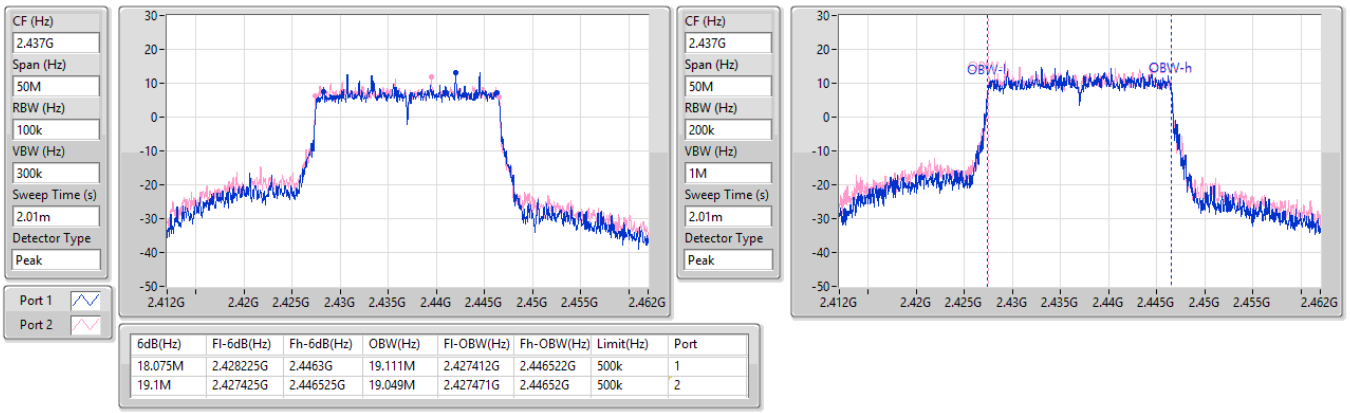


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.9M	2.40345G	2.42135G	19.087M	2.402508G	2.421595G	500k	1
16.325M	2.404525G	2.42085G	19.066M	2.402483G	2.42155G	500k	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

2437MHz

23/04/2024

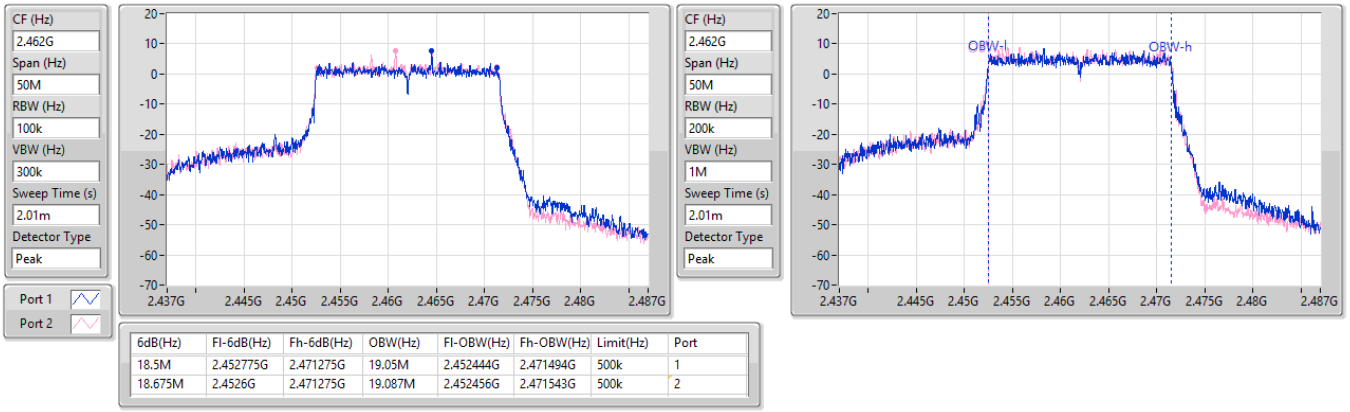


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.075M	2.428225G	2.4463G	19.111M	2.427412G	2.446522G	500k	1
19.1M	2.427425G	2.446525G	19.049M	2.427471G	2.44652G	500k	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **EBW**

2462MHz

23/04/2024

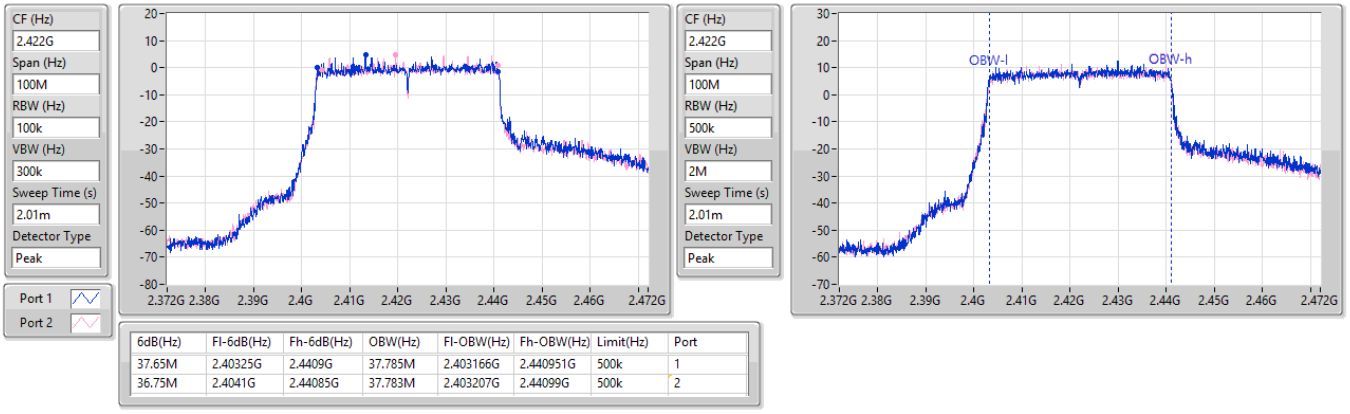


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.5M	2.452775G	2.471275G	19.05M	2.452444G	2.471494G	500k	1
18.675M	2.4526G	2.471275G	19.087M	2.452456G	2.471543G	500k	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

2422MHz

23/04/2024

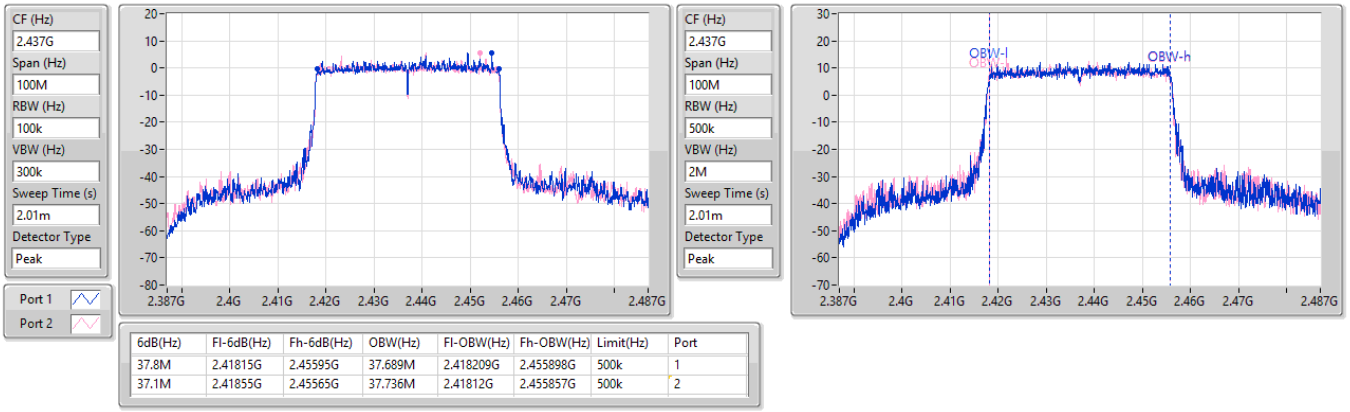


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.65M	2.40325G	2.4409G	37.785M	2.403166G	2.440951G	500k	1
36.75M	2.4041G	2.44085G	37.783M	2.403207G	2.44099G	500k	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

2437MHz

23/04/2024

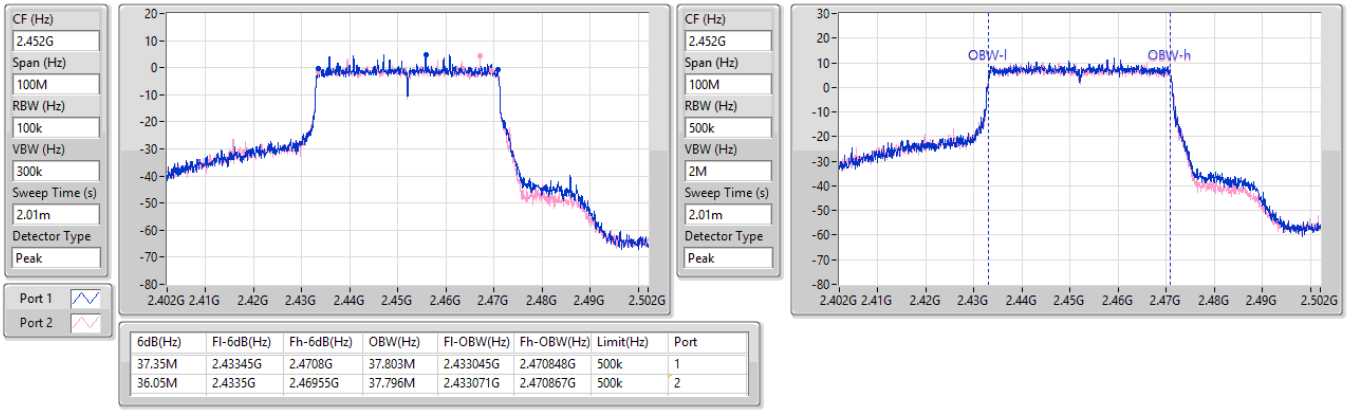


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.41815G	2.45595G	37.689M	2.418209G	2.455898G	500k	1
37.1M	2.41855G	2.45565G	37.736M	2.41812G	2.455857G	500k	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **EBW**

2452MHz

23/04/2024

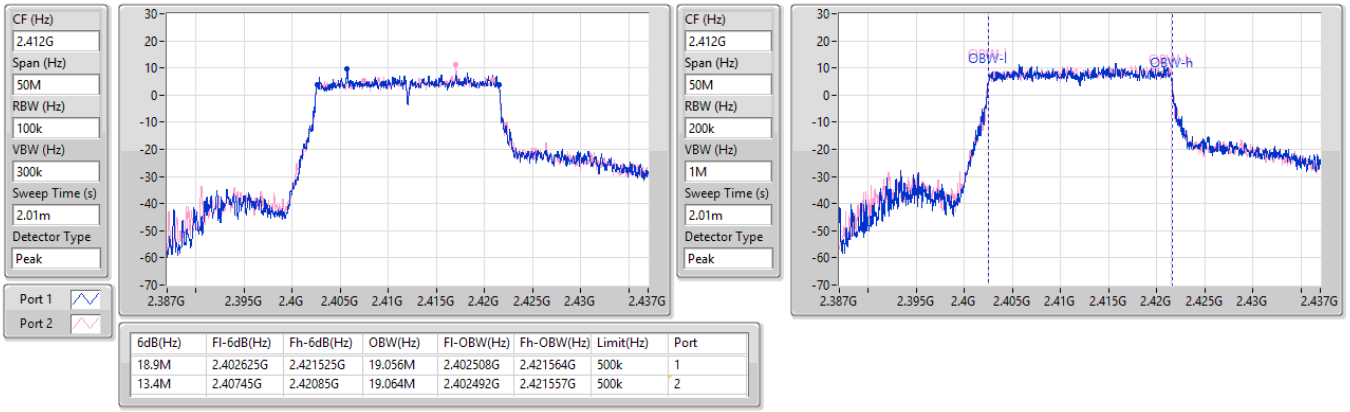


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.35M	2.43345G	2.4708G	37.803M	2.433045G	2.470848G	500k	1
36.05M	2.4335G	2.46955G	37.796M	2.433071G	2.470867G	500k	2

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

2412MHz

23/04/2024

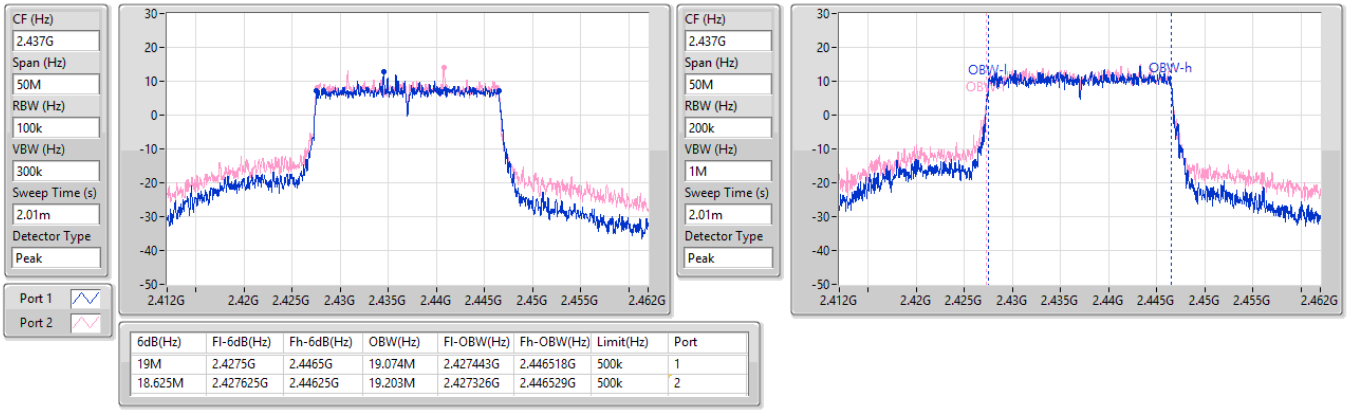


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.402625G	2.421525G	19.056M	2.402508G	2.421564G	500k	1
13.4M	2.40745G	2.42085G	19.064M	2.402492G	2.421557G	500k	2

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

2437MHz

23/04/2024

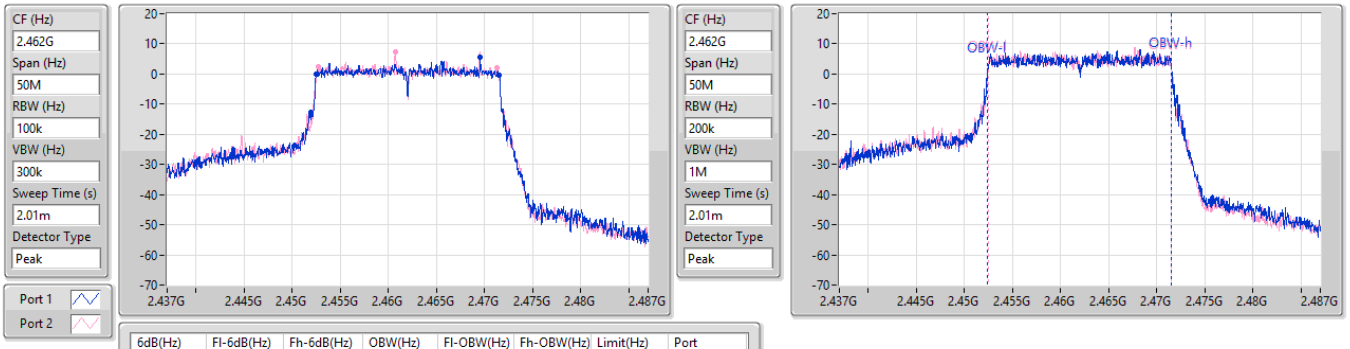


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19M	2.4275G	2.4465G	19.074M	2.427443G	2.446518G	500k	1
18.625M	2.427625G	2.44625G	19.203M	2.427326G	2.446529G	500k	2

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **EBW**

2462MHz

23/04/2024

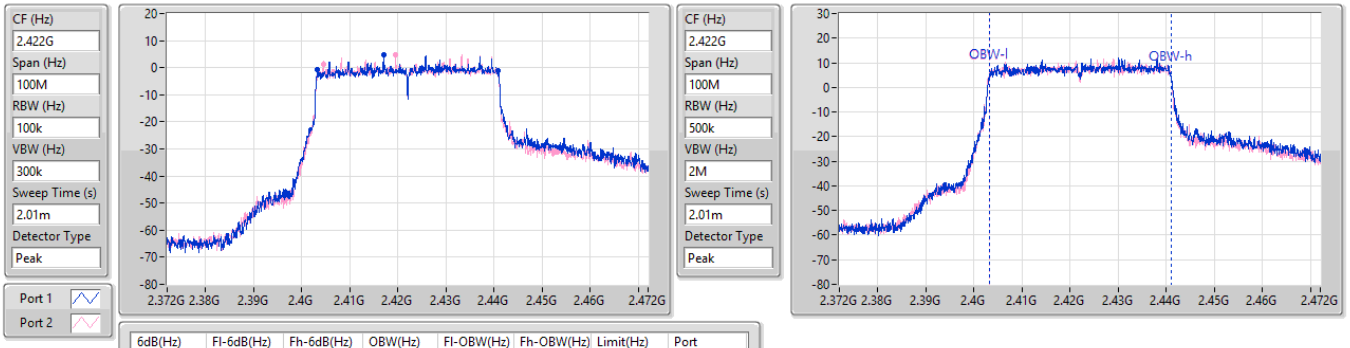


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.1M	2.45245G	2.47155G	19.096M	2.452419G	2.471515G	500k	1
18.55M	2.45275G	2.4713G	19.066M	2.452453G	2.471519G	500k	2

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

2422MHz

23/04/2024

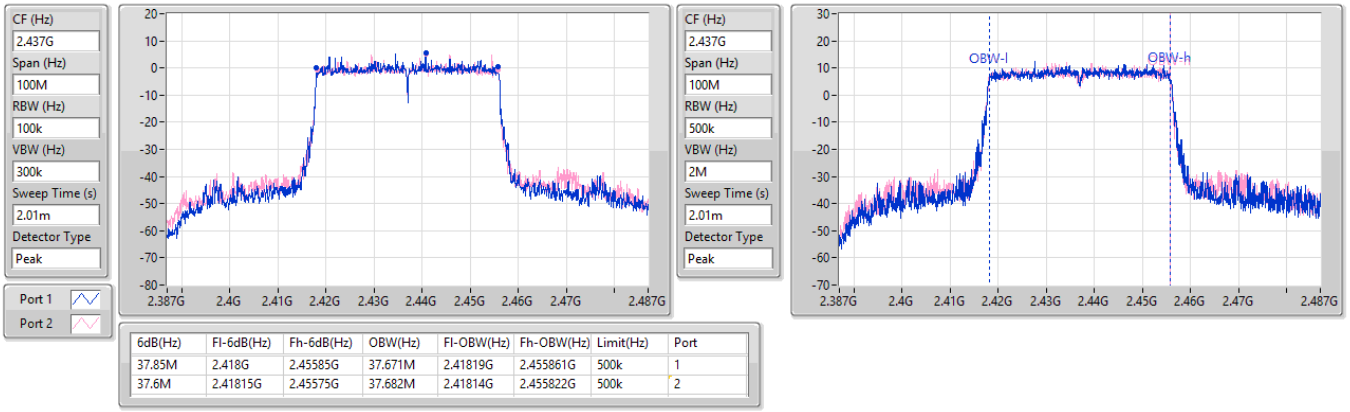


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	2.4032G	2.44075G	37.74M	2.403229G	2.440969G	500k	1
36.05M	2.40445G	2.4405G	37.754M	2.403169G	2.440923G	500k	2

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

2437MHz

23/04/2024

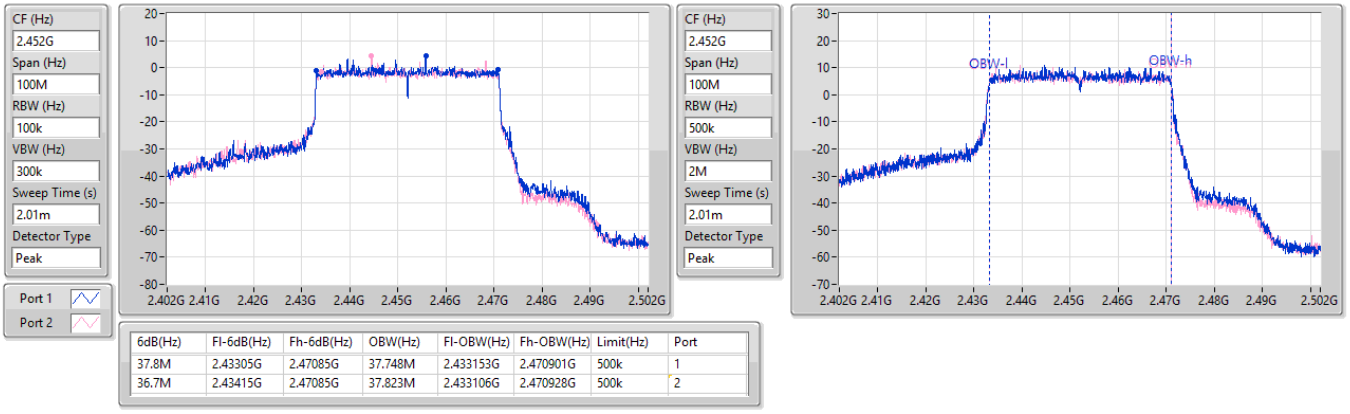


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.85M	2.418G	2.45585G	37.671M	2.41819G	2.455861G	500k	1
37.6M	2.41815G	2.45575G	37.682M	2.41814G	2.455822G	500k	2

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **EBW**

2452MHz

23/04/2024



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	2.43305G	2.47085G	37.748M	2.433153G	2.470901G	500k	1
36.7M	2.43415G	2.47085G	37.823M	2.433106G	2.470928G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.81	0.95719
802.11g_Nss1,(6Mbps)_2TX	28.08	0.64269
VHT20_Nss1,(MCS0)_2TX	27.57	0.57148
802.11be EHT20_Nss1,(MCS0)_2TX	27.02	0.50350
802.11be EHT20-BF_Nss1,(MCS0)_2TX	27.82	0.60534
VHT40_Nss1,(MCS0)_2TX	22.09	0.16181
802.11be EHT40_Nss1,(MCS0)_2TX	22.93	0.19634
802.11be EHT40-BF_Nss1,(MCS0)_2TX	22.39	0.17338

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.55	24.49	24.07	27.30	30.00
2437MHz	Pass	2.55	26.95	26.65	29.81	30.00
2457MHz	Pass	2.55	24.32	24.01	27.18	30.00
2462MHz	Pass	2.55	22.32	22.12	25.23	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.55	21.99	22.17	25.09	30.00
2437MHz	Pass	2.55	24.96	25.17	28.08	30.00
2457MHz	Pass	2.55	21.05	21.18	24.13	30.00
2462MHz	Pass	2.55	19.03	19.42	22.24	30.00
VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.55	20.92	20.96	23.95	30.00
2417MHz	Pass	2.55	20.97	21.11	24.05	30.00
2437MHz	Pass	2.55	24.47	24.65	27.57	30.00
2457MHz	Pass	2.55	18.82	19.31	22.08	30.00
2462MHz	Pass	2.55	17.76	17.82	20.80	30.00
VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.55	18.62	18.37	21.51	30.00
2437MHz	Pass	2.55	19.13	19.02	22.09	30.00
2452MHz	Pass	2.55	17.78	17.49	20.65	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.55	20.9	21.01	23.97	30.00
2437MHz	Pass	2.55	23.97	24.05	27.02	30.00
2462MHz	Pass	2.55	18.24	18.37	21.32	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.55	19.07	19.14	22.12	30.00
2437MHz	Pass	2.55	19.96	19.88	22.93	30.00
2452MHz	Pass	2.55	18.37	18.12	21.26	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	21.2	21.32	24.27	30.00
2417MHz	Pass	4.86	21.26	21.89	24.60	30.00
2437MHz	Pass	4.86	24.7	24.92	27.82	30.00
2457MHz	Pass	4.86	19.07	19.65	22.38	30.00
2462MHz	Pass	4.86	18.01	18.18	21.11	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.86	18.83	18.64	21.75	30.00
2437MHz	Pass	4.86	19.4	19.36	22.39	30.00
2452MHz	Pass	4.86	18	17.72	20.87	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	6.19
802.11g_Nss1,(6Mbps)_2TX	1.06
802.11be EHT20_Nss1,(MCS0)_2TX	-1.70
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-0.69
802.11be EHT40_Nss1,(MCS0)_2TX	-7.82
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-8.29

RBW = 3kHz;

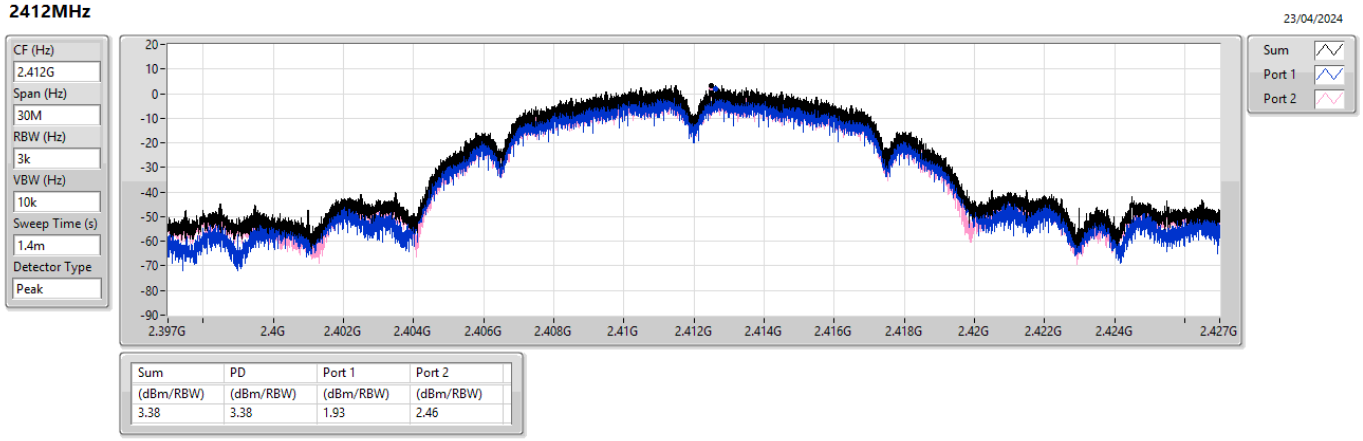
Result

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	4.86	1.93	2.46	3.38	8.00
2437MHz	Pass	4.86	2.99	3.37	6.19	8.00
2462MHz	Pass	4.86	-0.84	-1.15	0.55	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	-3.81	-3.33	-2.00	8.00
2437MHz	Pass	4.86	-0.99	-1.15	1.06	8.00
2462MHz	Pass	4.86	-5.61	-6.04	-4.61	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	-6.75	-6.10	-4.12	8.00
2437MHz	Pass	4.86	-3.26	-2.93	-1.70	8.00
2462MHz	Pass	4.86	-8.28	-8.73	-6.48	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.86	-10.27	-11.32	-8.38	8.00
2437MHz	Pass	4.86	-9.80	-9.99	-7.82	8.00
2452MHz	Pass	4.86	-10.82	-11.53	-8.93	8.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.86	-5.57	-5.35	-3.91	8.00
2437MHz	Pass	4.86	-2.96	-2.16	-0.69	8.00
2462MHz	Pass	4.86	-9.42	-9.39	-7.94	8.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.86	-10.18	-9.43	-8.70	8.00
2437MHz	Pass	4.86	-10.75	-10.22	-8.29	8.00
2452MHz	Pass	4.86	-11.82	-11.17	-9.34	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**

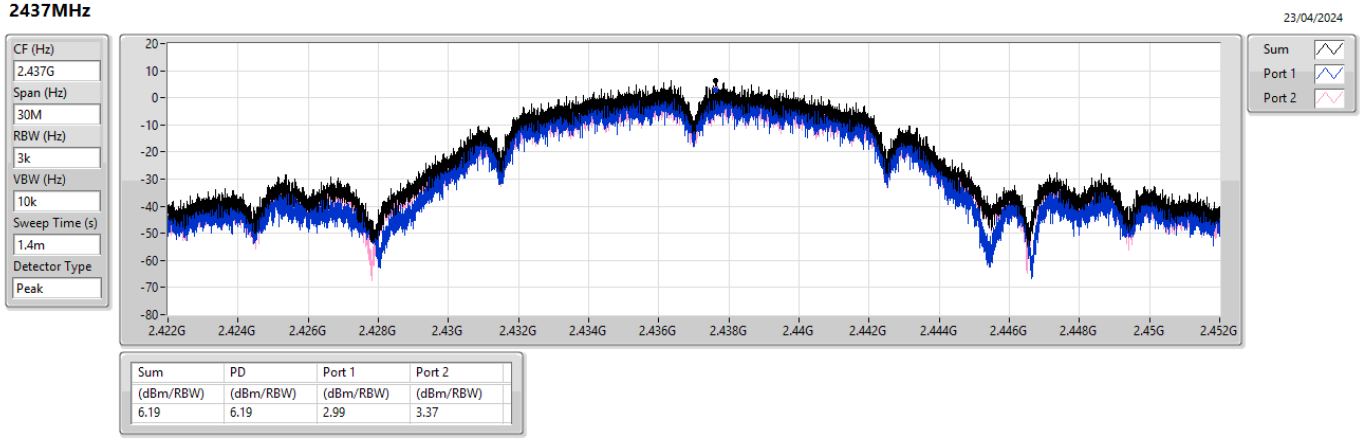
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.38	3.38	1.93	2.46

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

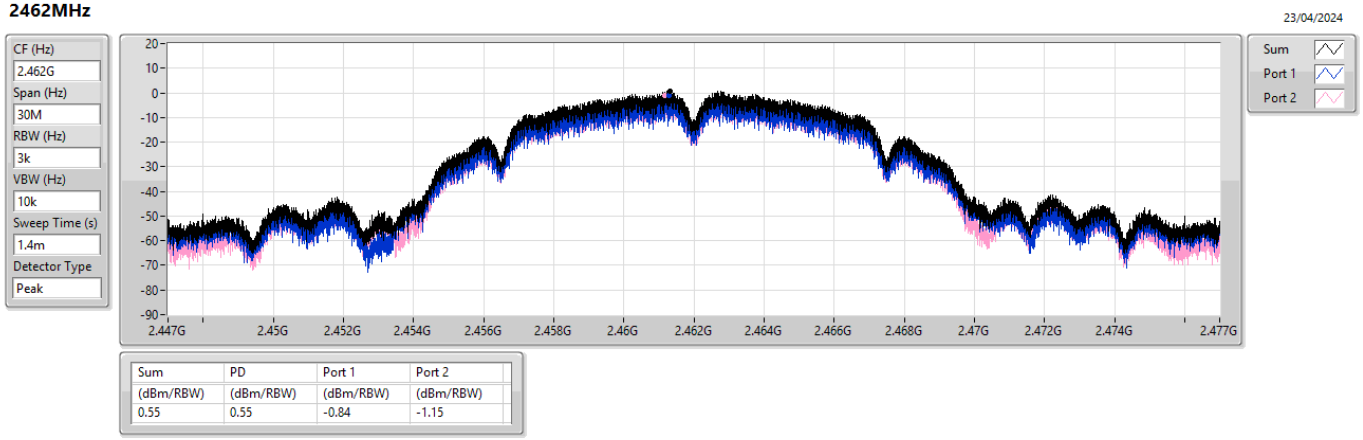
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.19	6.19	2.99	3.37

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

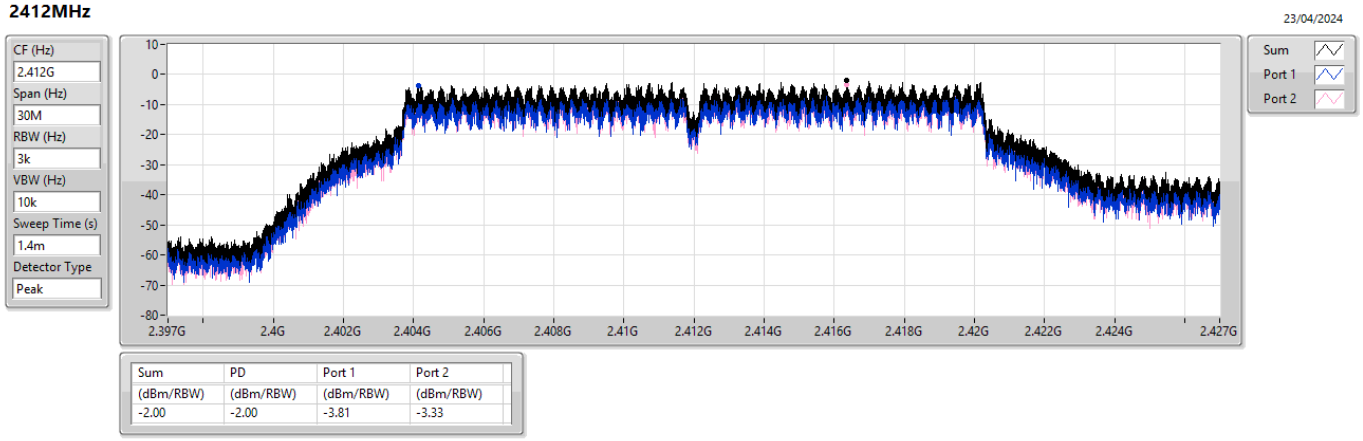
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.55	0.55	-0.84	-1.15

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

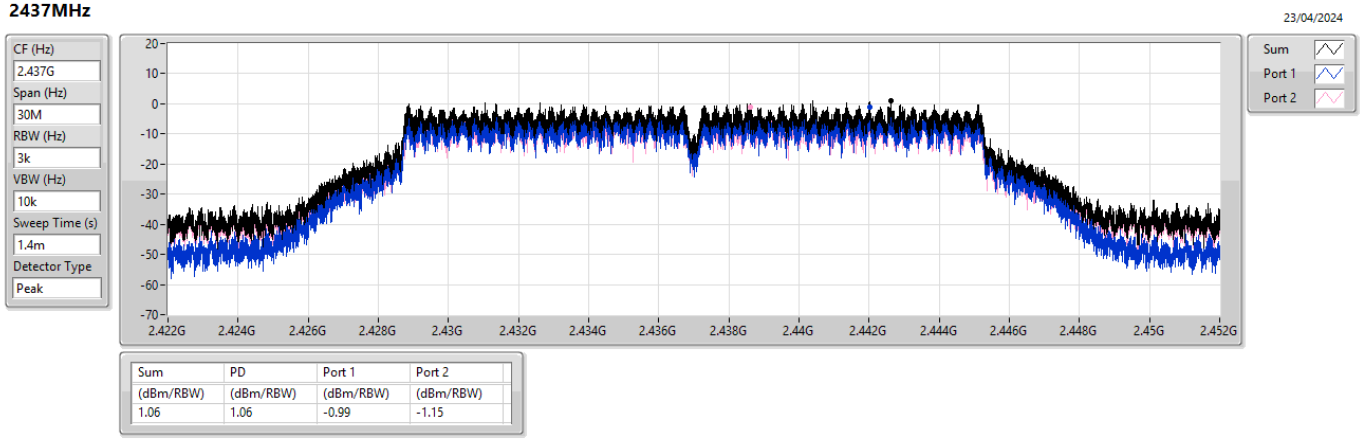
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.00	-2.00	-3.81	-3.33

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

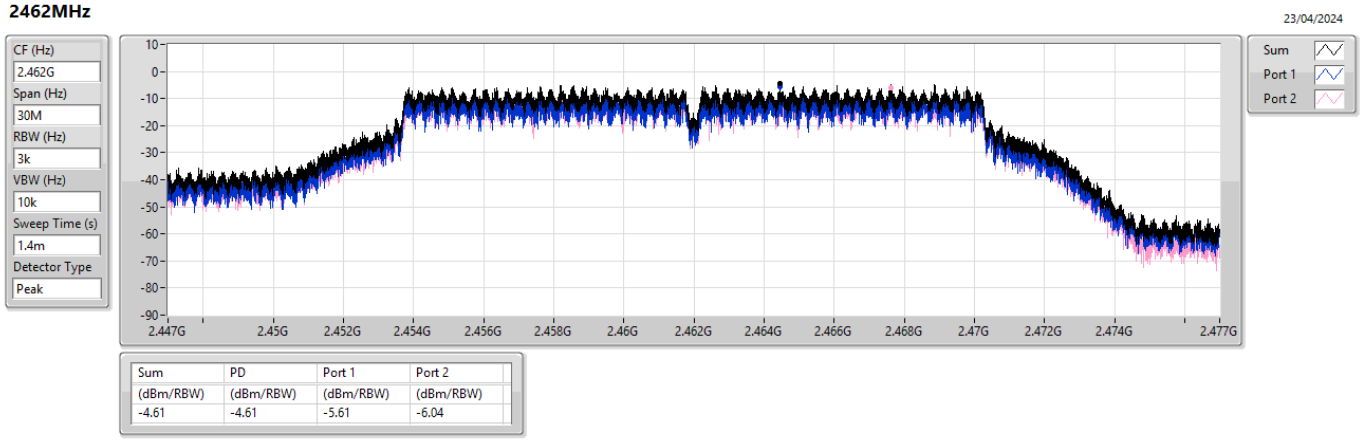
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.06	1.06	-0.99	-1.15

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

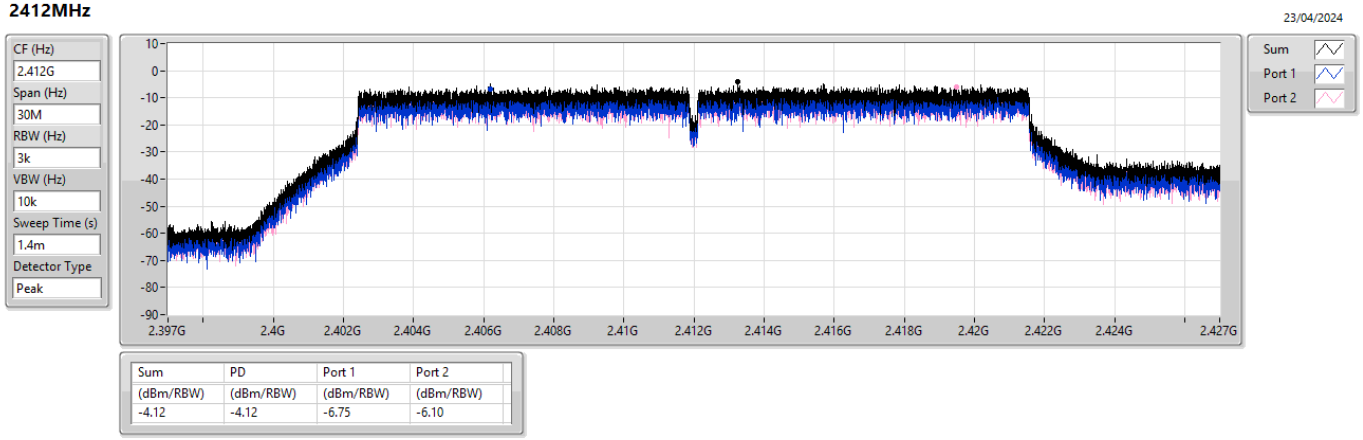
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.61	-4.61	-5.61	-6.04

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

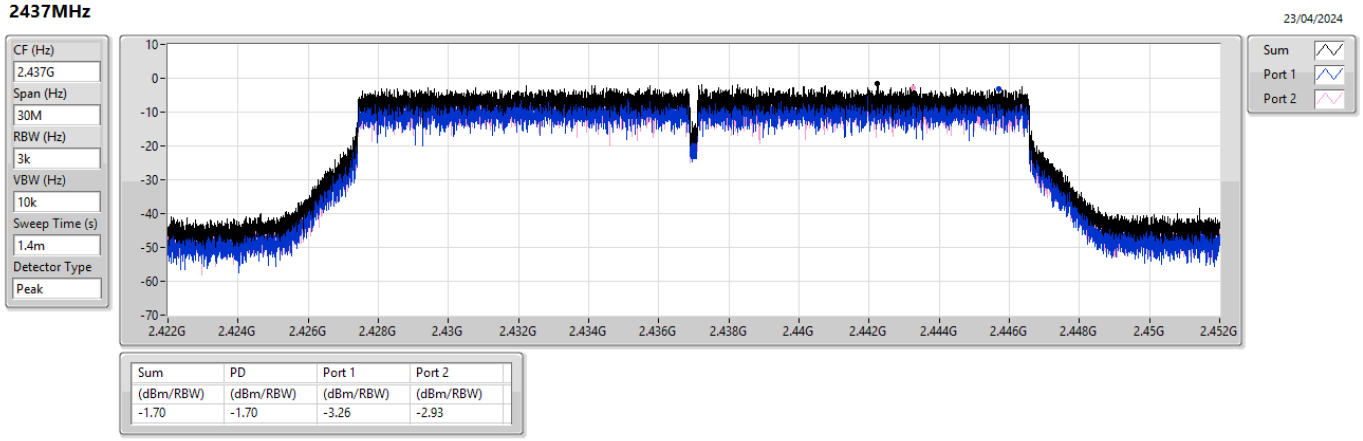
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.12	-4.12	-6.75	-6.10

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

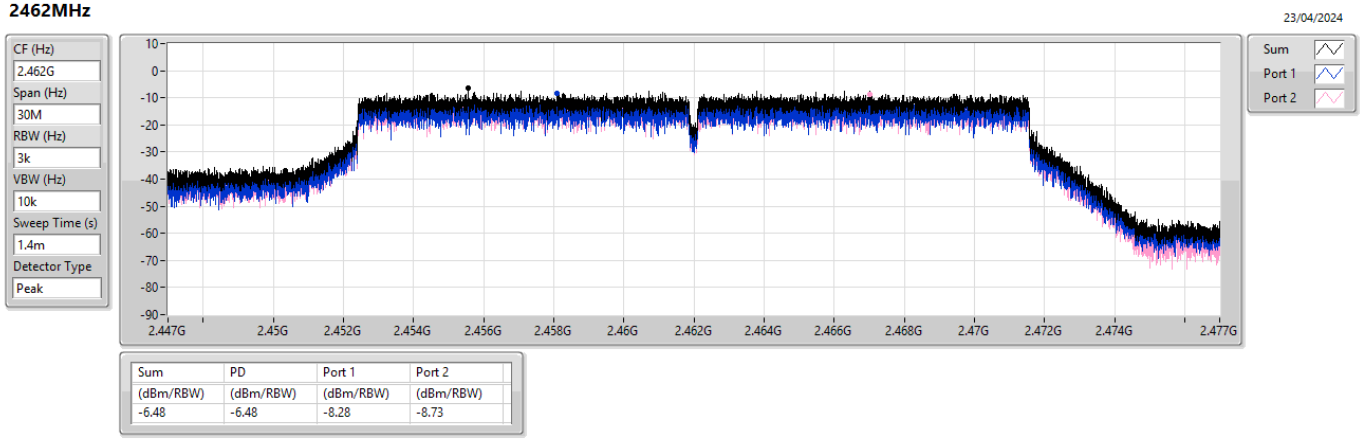
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.70	-1.70	-3.26	-2.93

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX **PSD**

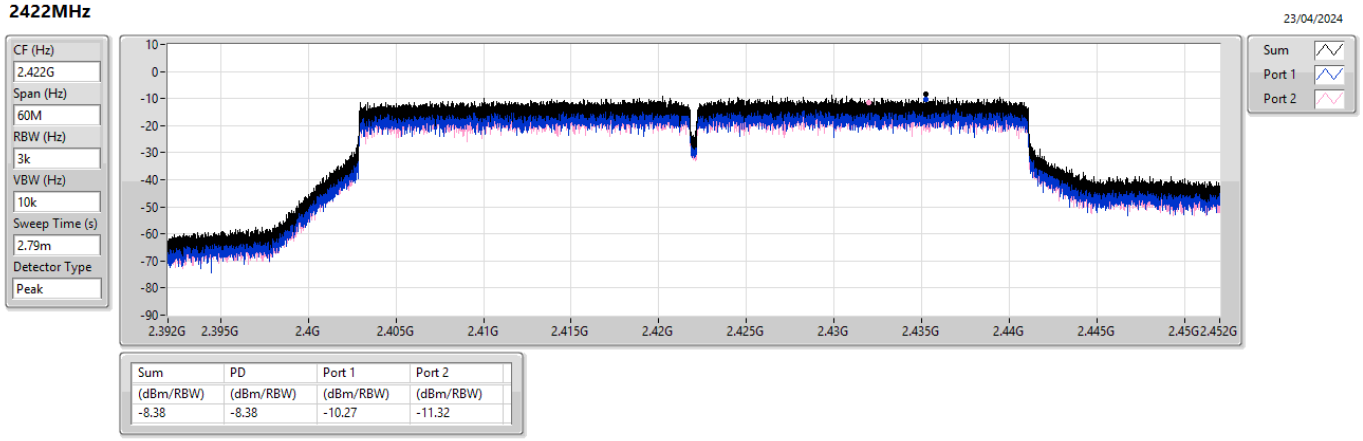
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.48	-6.48	-8.28	-8.73

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

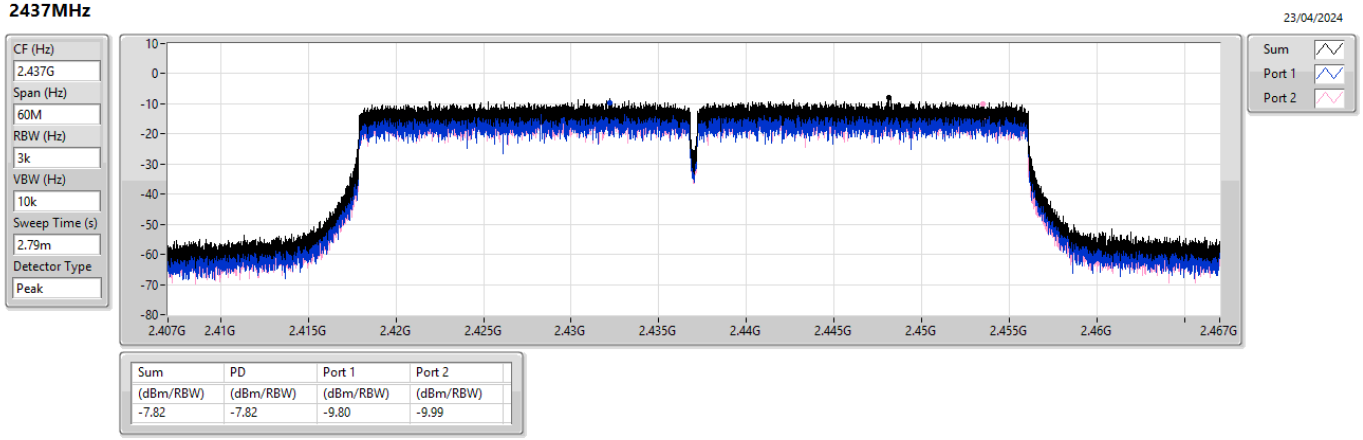
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.38	-8.38	-10.27	-11.32

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

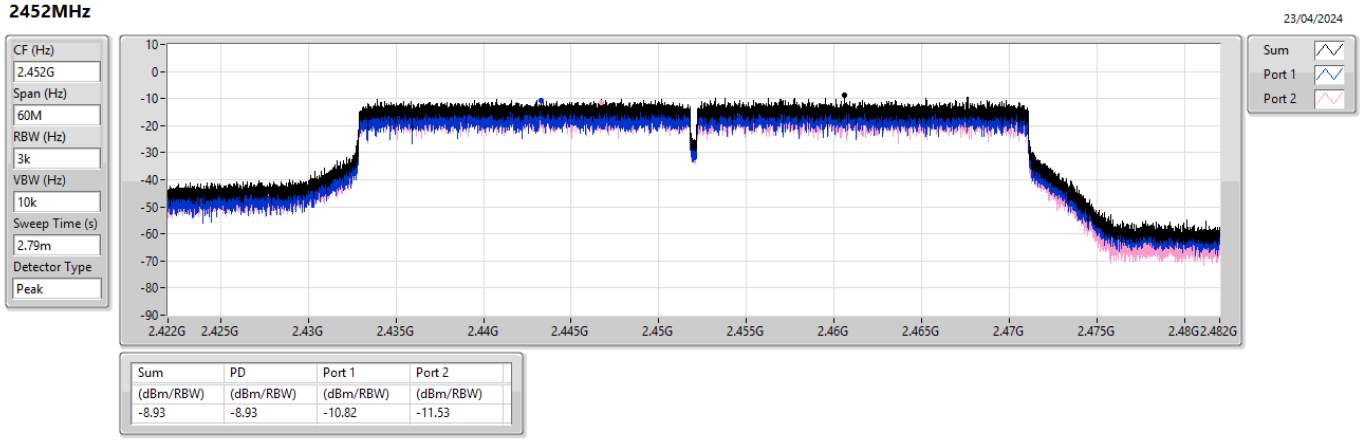
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.82	-7.82	-9.80	-9.99

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX **PSD**

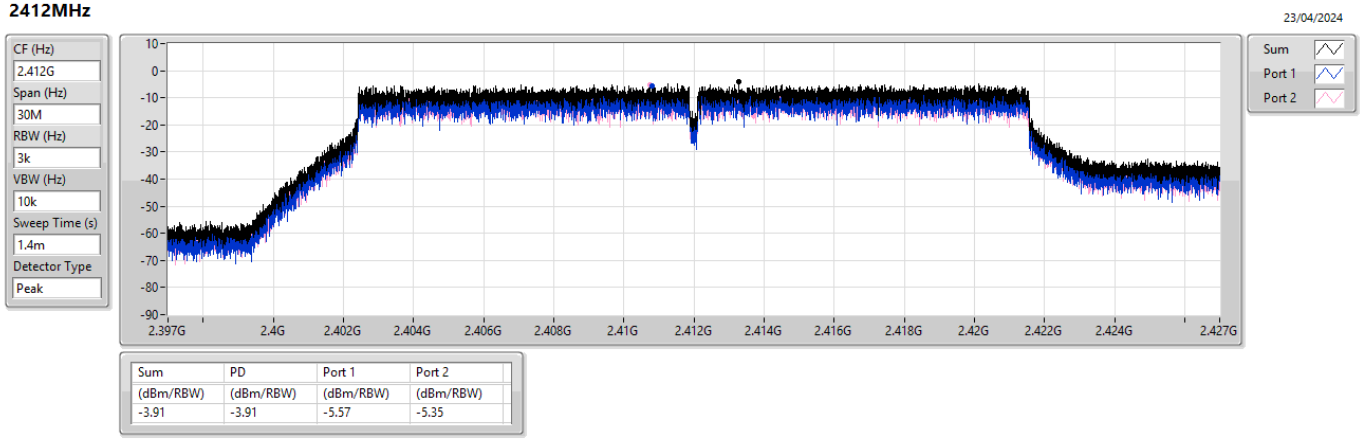
2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.93	-8.93	-10.82	-11.53

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

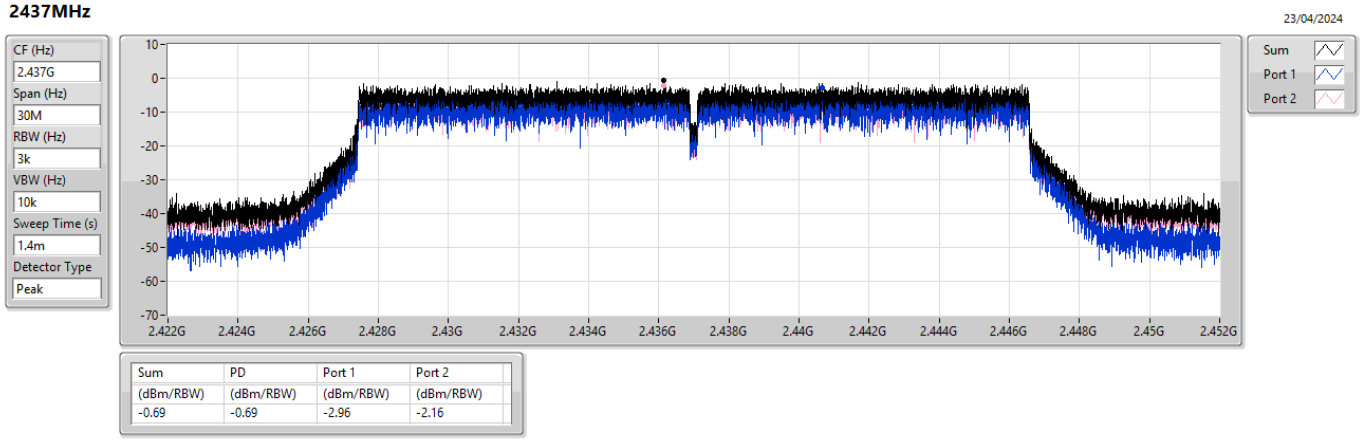
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.91	-3.91	-5.57	-5.35

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

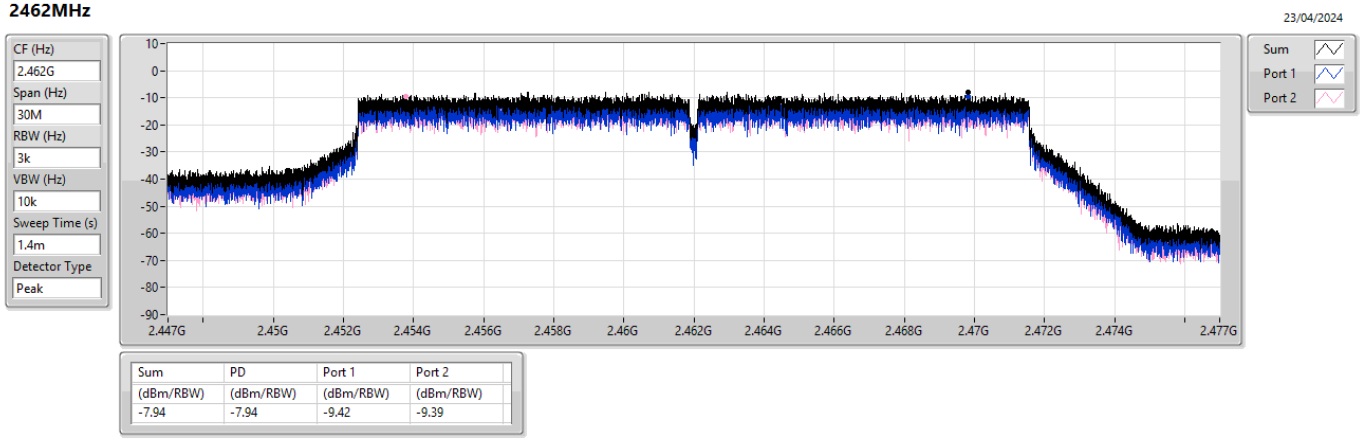
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.69	-0.69	-2.96	-2.16

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX **PSD**

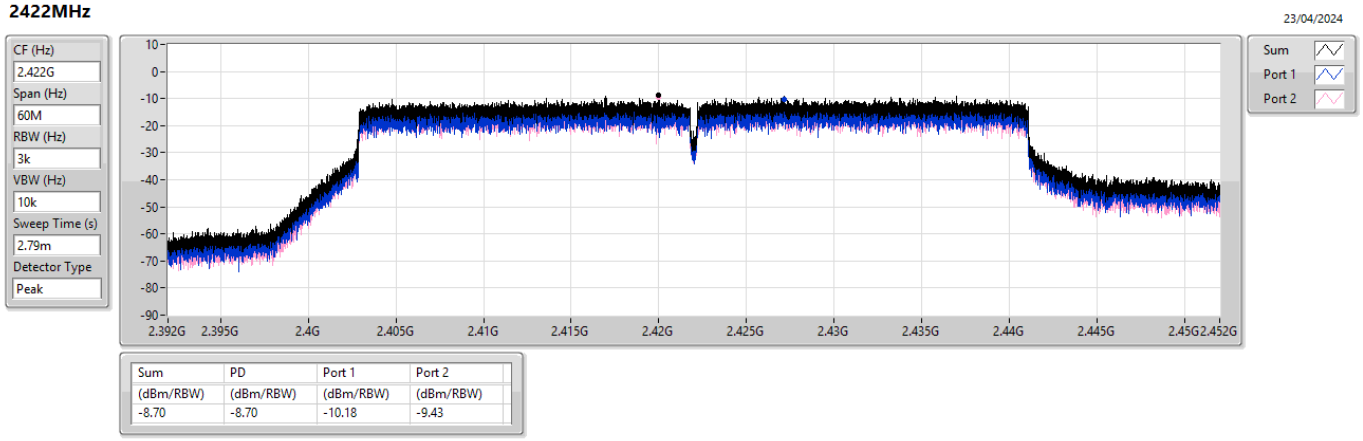
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.94	-7.94	-9.42	-9.39

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

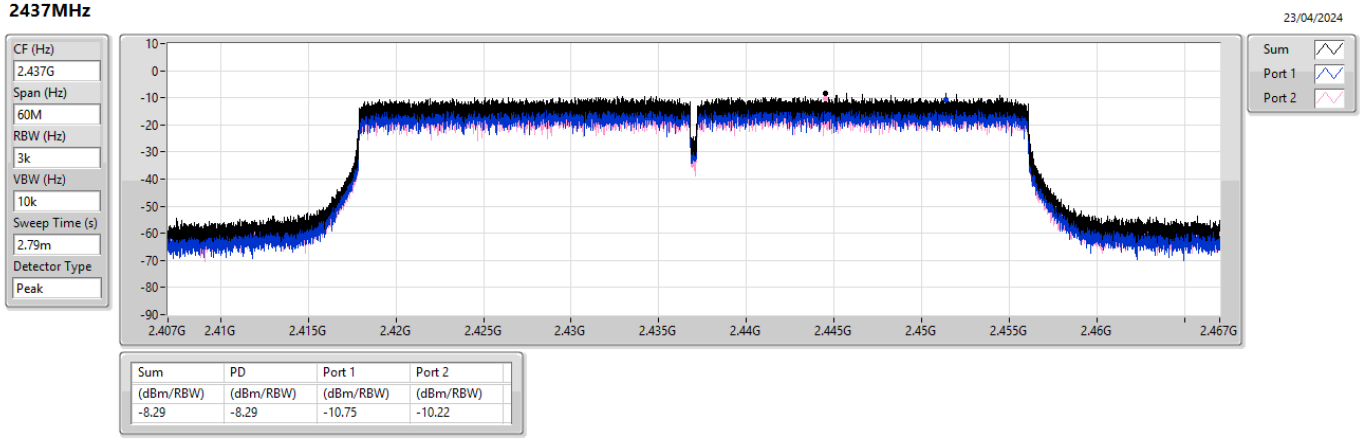
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.70	-8.70	-10.18	-9.43

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

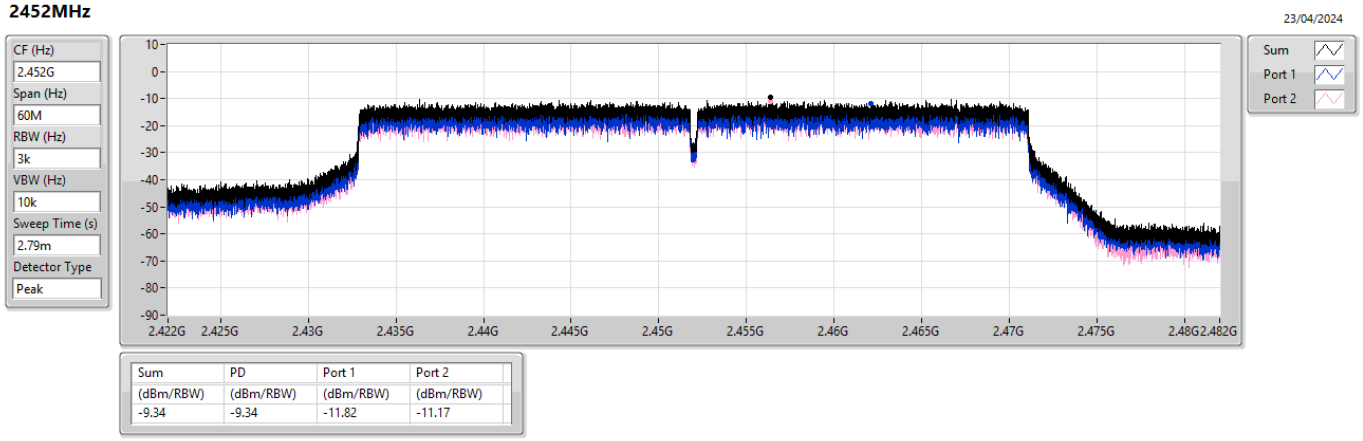
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.29	-8.29	-10.75	-10.22

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.34	-9.34	-11.82	-11.17

Summary

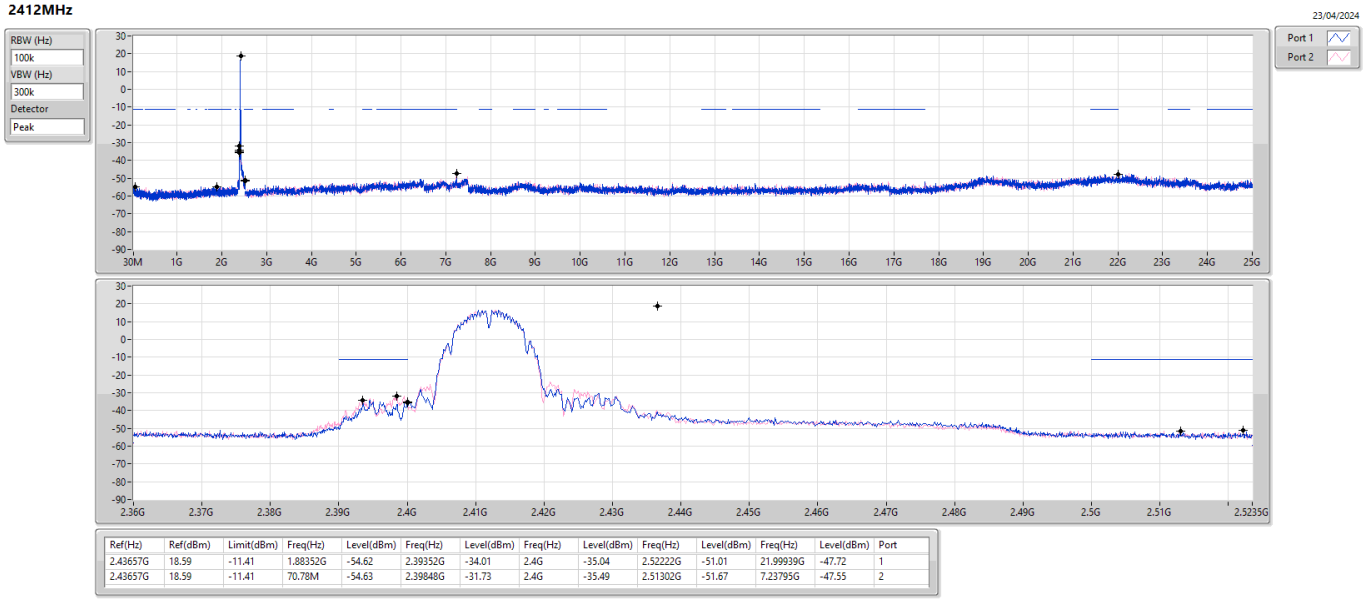
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43657G	18.59	-11.41	70.78M	-54.63	2.39848G	-31.73	2.4G	-35.49	2.51302G	-51.67	7.23795G	-47.55	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	15.05	-14.95	2.07225G	-54.05	2.4G	-33.27	2.4G	-30.31	2.50118G	-51.00	21.6791G	-48.20	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.4319G	13.83	-16.17	2.15846G	-54.57	2.4G	-32.42	2.4G	-31.07	2.52078G	-52.04	21.89262G	-48.06	1
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	2.44442G	14.56	-15.44	2.1305G	-53.56	2.39992G	-31.84	2.4G	-29.81	2.5067G	-52.08	21.90386G	-46.87	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.44192G	6.27	-23.73	2.09673G	-53.60	2.4G	-31.99	2.4G	-29.42	2.51022G	-54.16	21.83645G	-47.36	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	2.44075G	5.68	-24.32	42.6M	-53.75	2.39968G	-31.87	2.4G	-29.31	2.51342G	-54.48	21.6177G	-48.35	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43657G	18.59	-11.41	1.88352G	-54.62	2.39352G	-34.01	2.4G	-35.04	2.52222G	-51.01	21.99939G	-47.72	1
2412MHz	Pass	2.43657G	18.59	-11.41	70.78M	-54.63	2.39848G	-31.73	2.4G	-35.49	2.51302G	-51.67	7.23795G	-47.55	2
2437MHz	Pass	2.43657G	18.59	-11.41	1.95109G	-54.28	2.39848G	-45.75	2.4G	-48.12	2.51326G	-51.31	21.74372G	-48.19	1
2437MHz	Pass	2.43657G	18.59	-11.41	1.63188G	-55.25	2.39952G	-44.52	2.4G	-46.59	2.51822G	-51.00	21.65662G	-48.22	2
2462MHz	Pass	2.43657G	18.59	-11.41	49.81M	-54.79	2.39744G	-49.12	2.4G	-49.83	2.50734G	-51.74	21.69034G	-48.00	1
2462MHz	Pass	2.43657G	18.59	-11.41	1.76935G	-54.14	2.3932G	-49.10	2.4G	-52.30	2.51382G	-51.82	21.98253G	-47.76	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	15.05	-14.95	1.77168G	-54.76	2.39992G	-34.36	2.4G	-30.86	2.51222G	-51.81	21.94882G	-47.87	1
2412MHz	Pass	2.44192G	15.05	-14.95	2.07225G	-54.05	2.4G	-33.27	2.4G	-30.31	2.50118G	-51.00	21.6791G	-48.20	2
2437MHz	Pass	2.44192G	15.05	-14.95	1.84274G	-54.92	2.39976G	-38.54	2.4G	-38.77	2.50342G	-51.52	21.72405G	-46.96	1
2437MHz	Pass	2.44192G	15.05	-14.95	1.97672G	-54.90	2.39888G	-33.99	2.4G	-32.75	2.51422G	-50.60	21.58919G	-47.64	2
2462MHz	Pass	2.44192G	15.05	-14.95	2.1538G	-54.49	2.39768G	-49.72	2.4G	-53.07	2.50006G	-51.20	21.66224G	-47.95	1
2462MHz	Pass	2.44192G	15.05	-14.95	1.9872G	-54.78	2.39736G	-49.25	2.4G	-52.72	2.5235G	-51.84	21.74372G	-47.07	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.4319G	13.83	-16.17	2.15846G	-54.57	2.4G	-32.42	2.4G	-31.07	2.52078G	-52.04	21.89262G	-48.06	1
2412MHz	Pass	2.4319G	13.83	-16.17	1.83342G	-54.84	2.39984G	-33.54	2.4G	-31.87	2.50478G	-51.57	21.887G	-47.29	2
2437MHz	Pass	2.4319G	13.83	-16.17	1.77983G	-54.33	2.39976G	-37.64	2.4G	-40.66	2.50758G	-52.10	21.67629G	-47.93	1
2437MHz	Pass	2.4319G	13.83	-16.17	30M	-54.23	2.3984G	-38.26	2.4G	-39.20	2.51078G	-52.20	21.60043G	-48.21	2
2462MHz	Pass	2.4319G	13.83	-16.17	2.05477G	-54.64	2.3996G	-50.51	2.4G	-53.99	2.5163G	-51.85	22.0022G	-47.32	1
2462MHz	Pass	2.4319G	13.83	-16.17	1.96157G	-54.23	2.39576G	-50.31	2.4G	-52.83	2.51654G	-51.06	21.89824G	-48.18	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44192G	6.27	-23.73	2.10932G	-54.26	2.4G	-31.14	2.4G	-29.51	2.56174G	-53.89	21.66538G	-47.62	1
2422MHz	Pass	2.44192G	6.27	-23.73	2.09673G	-53.60	2.4G	-31.99	2.4G	-29.42	2.51022G	-54.16	21.83645G	-47.36	2
2437MHz	Pass	2.44192G	6.27	-23.73	2.09787G	-54.03	2.3968G	-39.43	2.4G	-43.54	2.55998G	-54.67	21.75793G	-47.50	1
2437MHz	Pass	2.44192G	6.27	-23.73	41.45M	-54.10	2.39744G	-37.79	2.4G	-39.12	2.50174G	-54.05	21.51112G	-48.63	2
2452MHz	Pass	2.44192G	6.27	-23.73	2.18375G	-54.97	2.3968G	-37.17	2.4G	-38.23	2.5331G	-54.01	21.78036G	-48.23	1
2452MHz	Pass	2.44192G	6.27	-23.73	1.85513G	-55.10	2.3968G	-36.32	2.4G	-37.99	2.52254G	-54.52	21.72988G	-48.09	2
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44442G	14.56	-15.44	1.65052G	-54.99	2.4G	-32.73	2.4G	-31.16	2.5131G	-51.27	21.99939G	-48.35	1
2412MHz	Pass	2.44442G	14.56	-15.44	2.1305G	-53.56	2.39992G	-31.84	2.4G	-29.81	2.5067G	-52.08	21.90386G	-46.87	2
2437MHz	Pass	2.44442G	14.56	-15.44	1.82876G	-54.65	2.39832G	-37.63	2.4G	-38.75	2.50438G	-51.91	21.93196G	-47.72	1
2437MHz	Pass	2.44442G	14.56	-15.44	1.93012G	-53.69	2.39984G	-31.68	2.4G	-32.66	2.50606G	-51.35	21.67348G	-48.28	2
2462MHz	Pass	2.44442G	14.56	-15.44	1.86371G	-54.84	2.3948G	-50.43	2.4G	-52.79	2.5215G	-51.91	21.65943G	-47.44	1
2462MHz	Pass	2.44442G	14.56	-15.44	1.781G	-54.07	2.39288G	-50.13	2.4G	-52.45	2.51878G	-51.43	21.84205G	-47.81	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	5.68	-24.32	42.6M	-53.75	2.39968G	-31.87	2.4G	-29.31	2.51342G	-54.48	21.6177G	-48.35	1
2422MHz	Pass	2.44075G	5.68	-24.32	2.17115G	-54.67	2.4G	-33.36	2.4G	-31.78	2.54926G	-54.79	21.63453G	-48.11	2
2437MHz	Pass	2.44075G	5.68	-24.32	2.3097G	-54.43	2.39888G	-41.85	2.4G	-45.14	2.5555G	-54.08	21.58404G	-47.36	1
2437MHz	Pass	2.44075G	5.68	-24.32	2.19176G	-53.79	2.3984G	-38.34	2.4G	-41.69	2.54702G	-54.47	21.97949G	-47.67	2
2452MHz	Pass	2.44075G	5.68	-24.32	2.16199G	-53.64	2.39952G	-37.40	2.4G	-38.17	2.52302G	-54.72	21.64013G	-47.15	1
2452MHz	Pass	2.44075G	5.68	-24.32	2.11047G	-54.44	2.3968G	-37.86	2.4G	-37.75	2.53326G	-54.47	21.74951G	-48.31	2

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

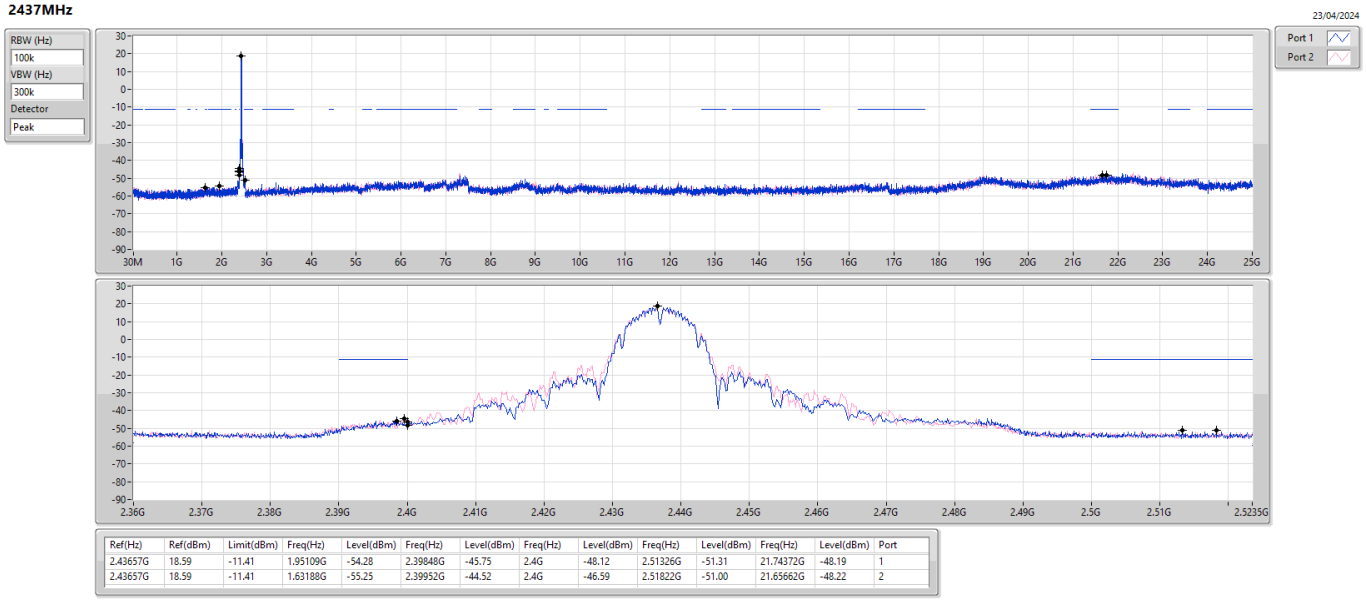
2412MHz



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
2.43657G	18.59	-11.41	1.88352G	-54.62	2.39352G	-34.01	2.4G	-35.04	2.52222G	-51.01	21.99939G	-47.72	1
2.43657G	18.59	-11.41	70.78M	-54.63	2.39848G	-31.73	2.4G	-35.49	2.51302G	-51.67	7.23795G	-47.55	2

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

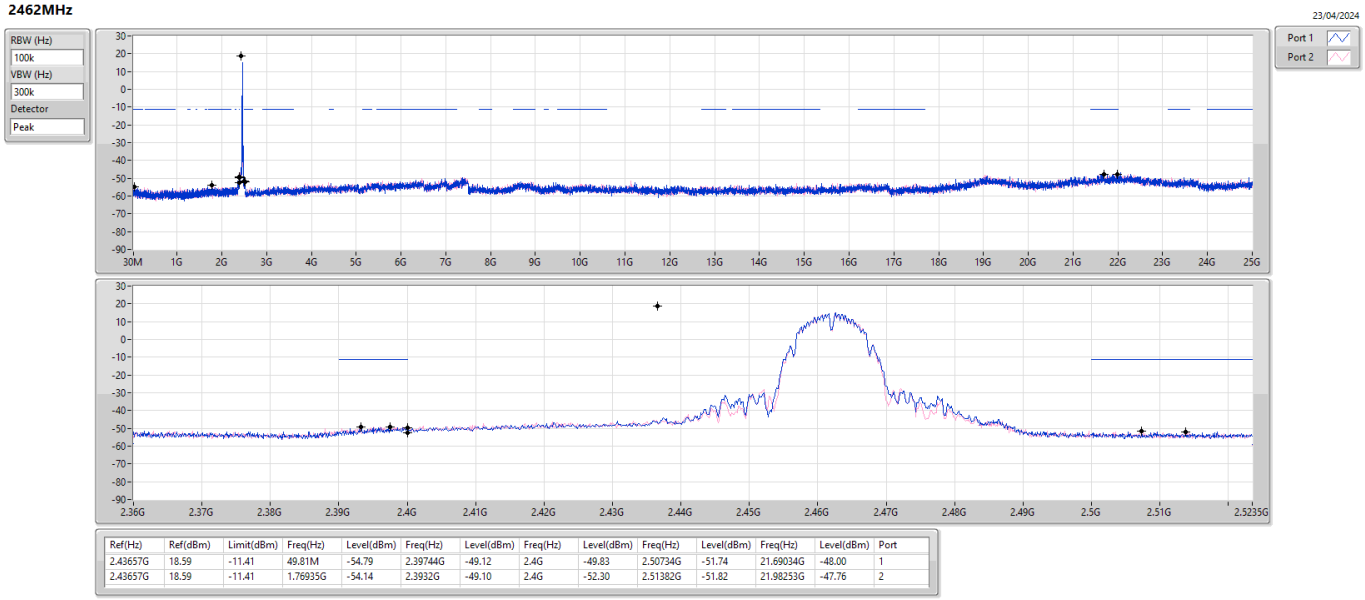
2437MHz



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
2.43657G	18.59	-11.41	1.95109G	-54.28	2.39848G	-45.75	2.4G	-48.12	2.51326G	-51.31	21.74372G	-48.19	1
2.43657G	18.59	-11.41	1.63188G	-55.25	2.39952G	-44.52	2.4G	-46.59	2.51822G	-51.00	21.65662G	-48.22	2

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

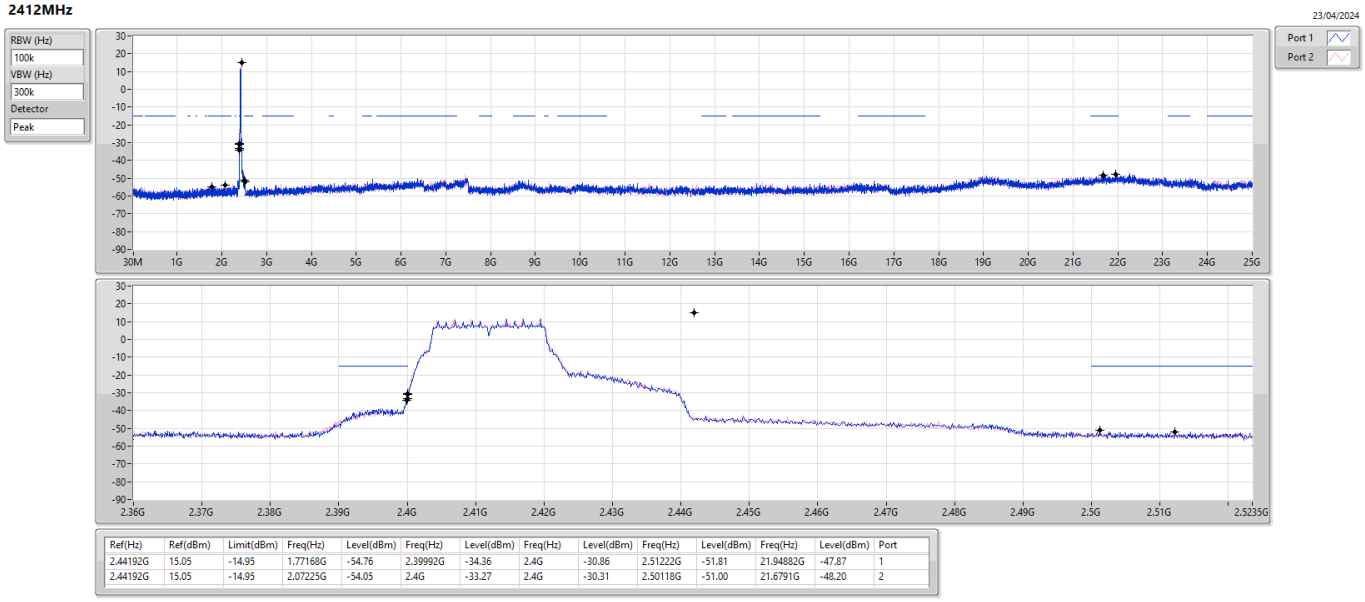
2462MHz



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
2.43657G	18.59	-11.41	49.81M	-54.79	2.39744G	-49.12	2.4G	-49.83	2.50734G	-51.74	21.69034G	-48.00	1
2.43657G	18.59	-11.41	1.76935G	-54.14	2.3932G	-49.10	2.4G	-52.30	2.51382G	-51.82	21.98253G	-47.76	2

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

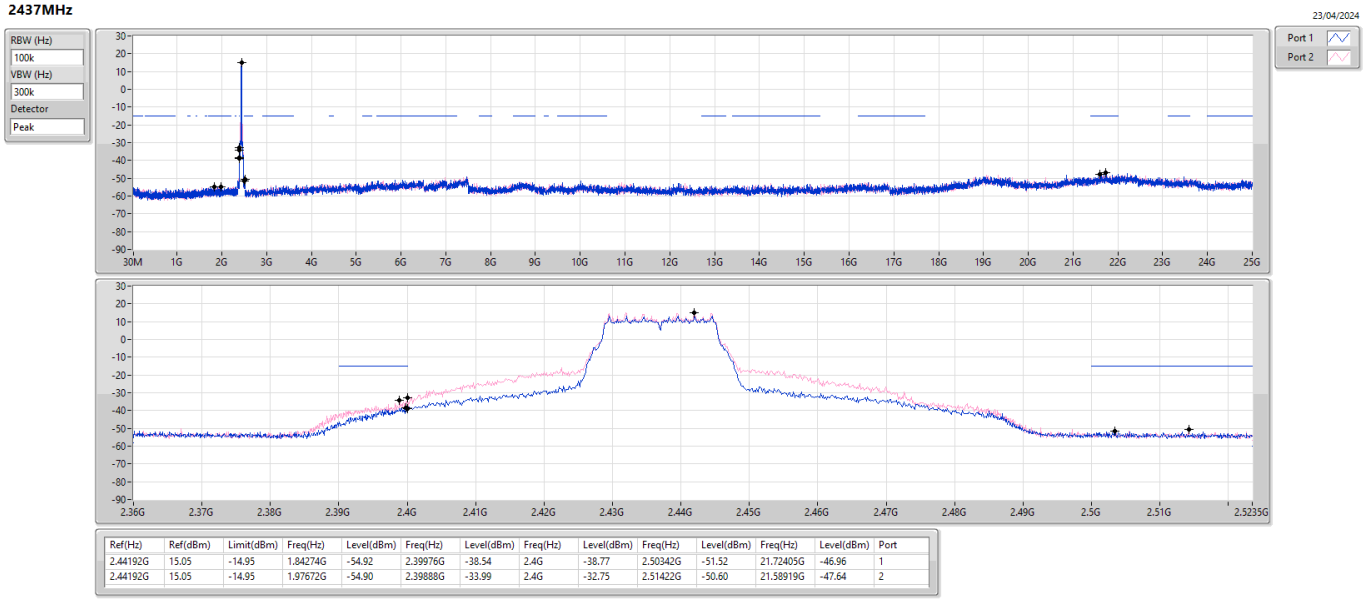
2412MHz



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
2.44192G	15.05	-14.95	1.77168G	-54.76	2.39992G	-34.36	2.4G	-30.86	2.51222G	-51.81	21.94882G	-47.87	1
2.44192G	15.05	-14.95	2.07225G	-54.05	2.4G	-33.27	2.4G	-30.31	2.50118G	-51.00	21.6791G	-48.20	2

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

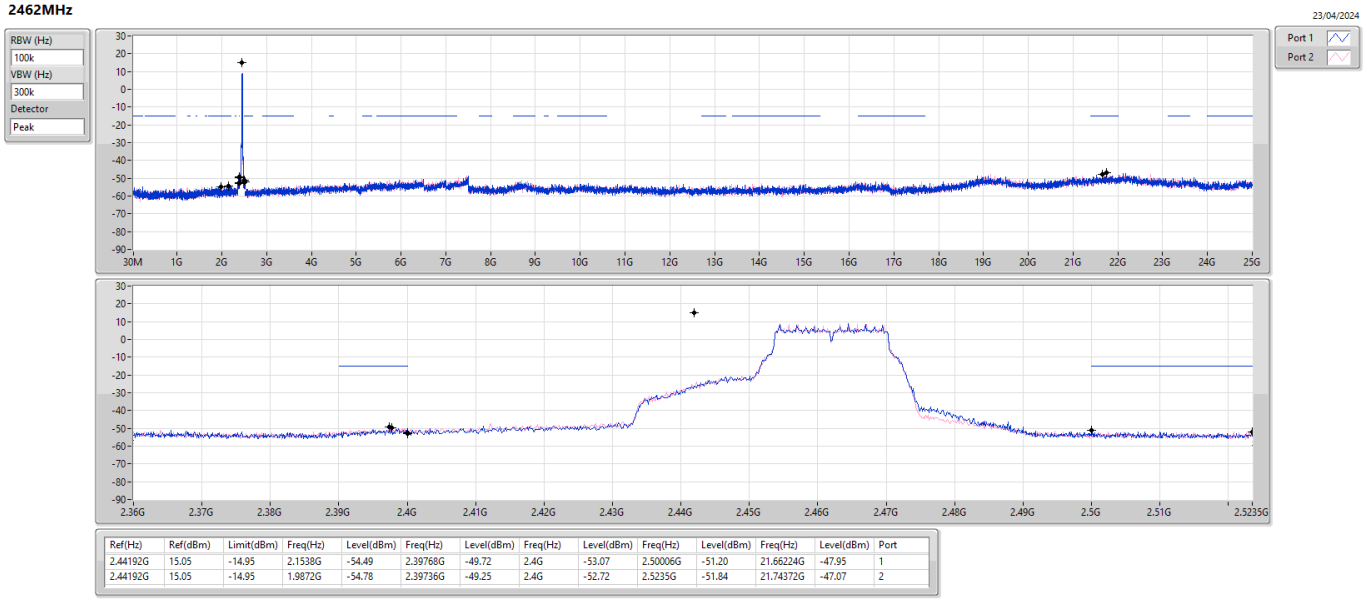
2437MHz



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
2.44192G	15.05	-14.95	1.84274G	-54.92	2.39976G	-38.54	2.4G	-38.77	2.50342G	-51.52	21.72405G	-46.96	1
2.44192G	15.05	-14.95	1.97672G	-54.90	2.39888G	-33.99	2.4G	-32.75	2.51422G	-50.60	21.58919G	-47.64	2

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

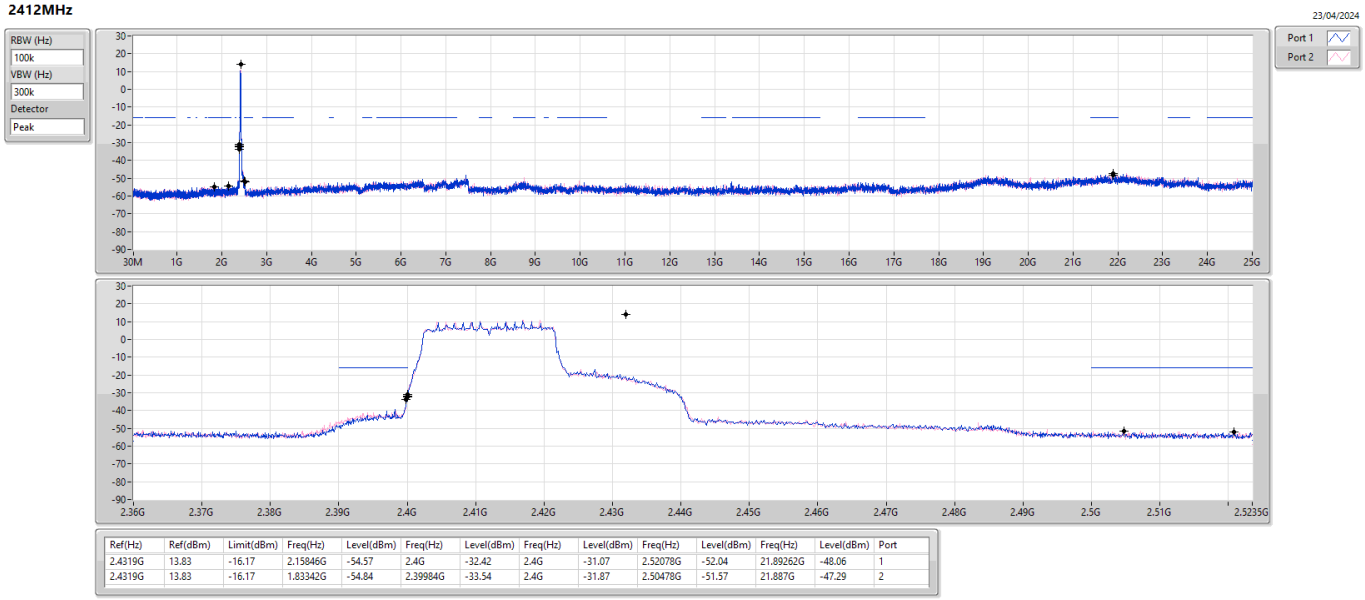
2462MHz



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
2.44192G	15.05	-14.95	2.1538G	-54.49	2.39768G	-49.72	2.4G	-53.07	2.50006G	-51.20	21.66224G	-47.95	1
2.44192G	15.05	-14.95	1.9872G	-54.78	2.39736G	-49.25	2.4G	-52.72	2.5235G	-51.84	21.74372G	-47.07	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX CSENdB

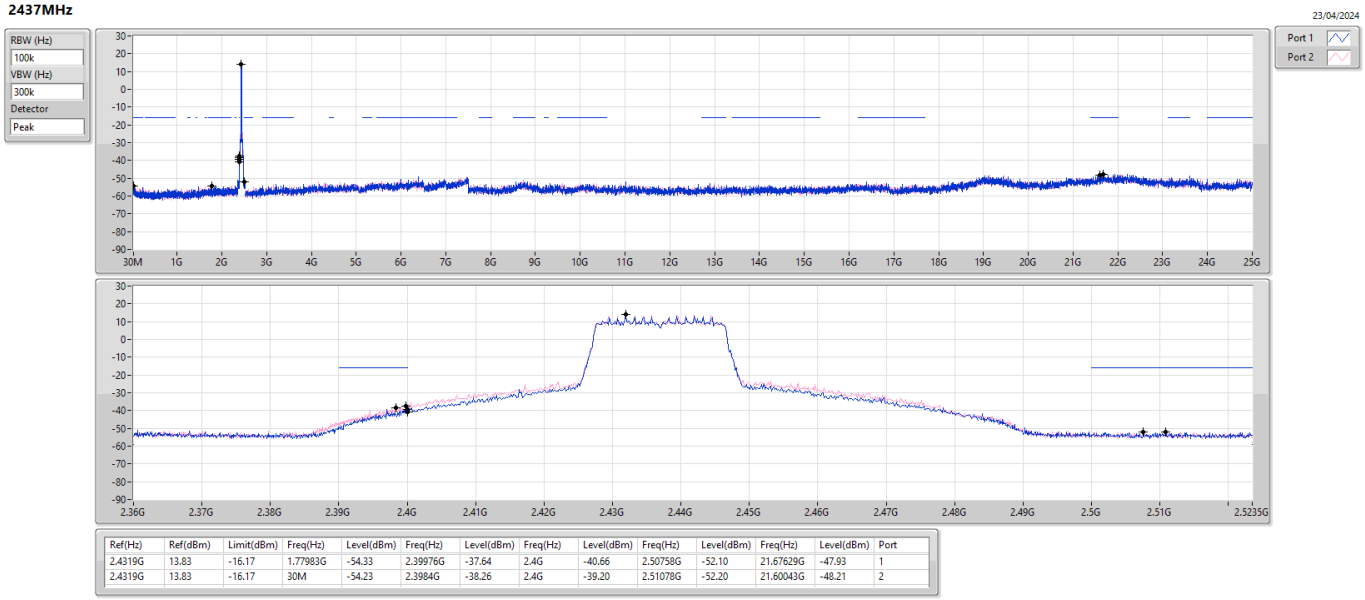
2412MHz



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
2.4319G	13.83	-16.17	2.15846G	-54.57	2.4G	-32.42	2.4G	-31.07	2.52078G	-52.04	21.89262G	-48.06	1
2.4319G	13.83	-16.17	1.83342G	-54.84	2.39984G	-33.54	2.4G	-31.87	2.50478G	-51.57	21.887G	-47.29	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX CSENdB

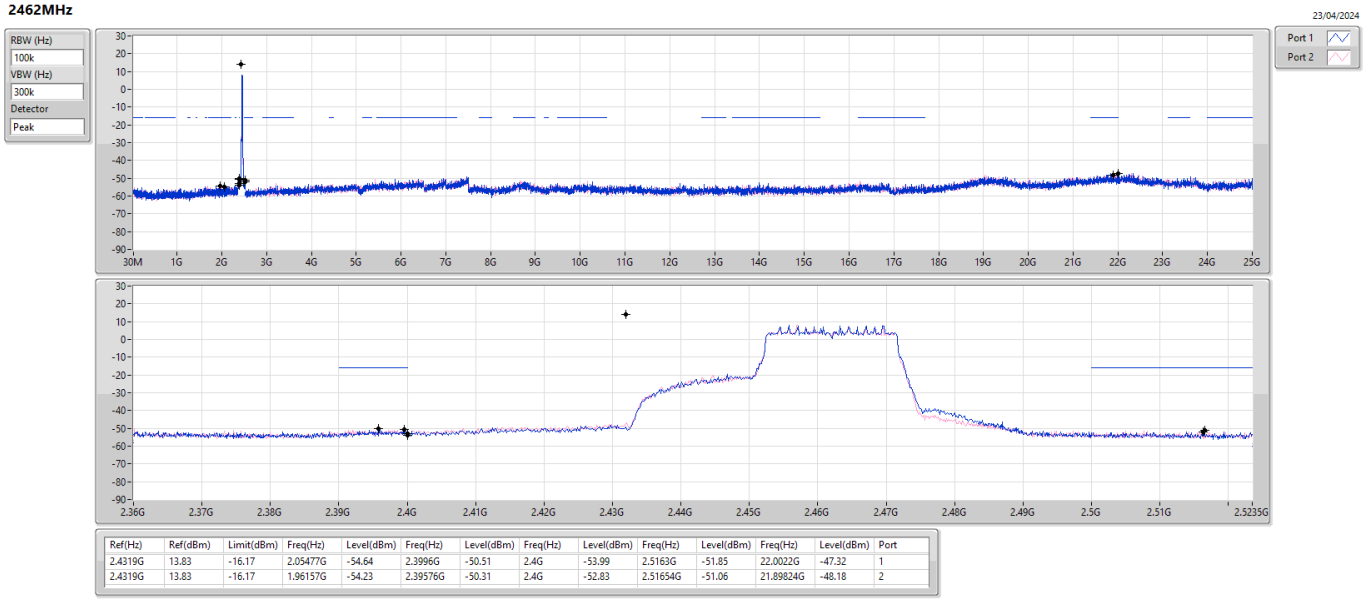
2437MHz



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
2.4319G	13.83	-16.17	1.77983G	-54.33	2.39976G	-37.64	2.4G	-40.66	2.50758G	-52.10	21.67629G	-47.93	1
2.4319G	13.83	-16.17	30M	-54.23	2.3984G	-38.26	2.4G	-39.20	2.51078G	-52.20	21.60043G	-48.21	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX CSENdB

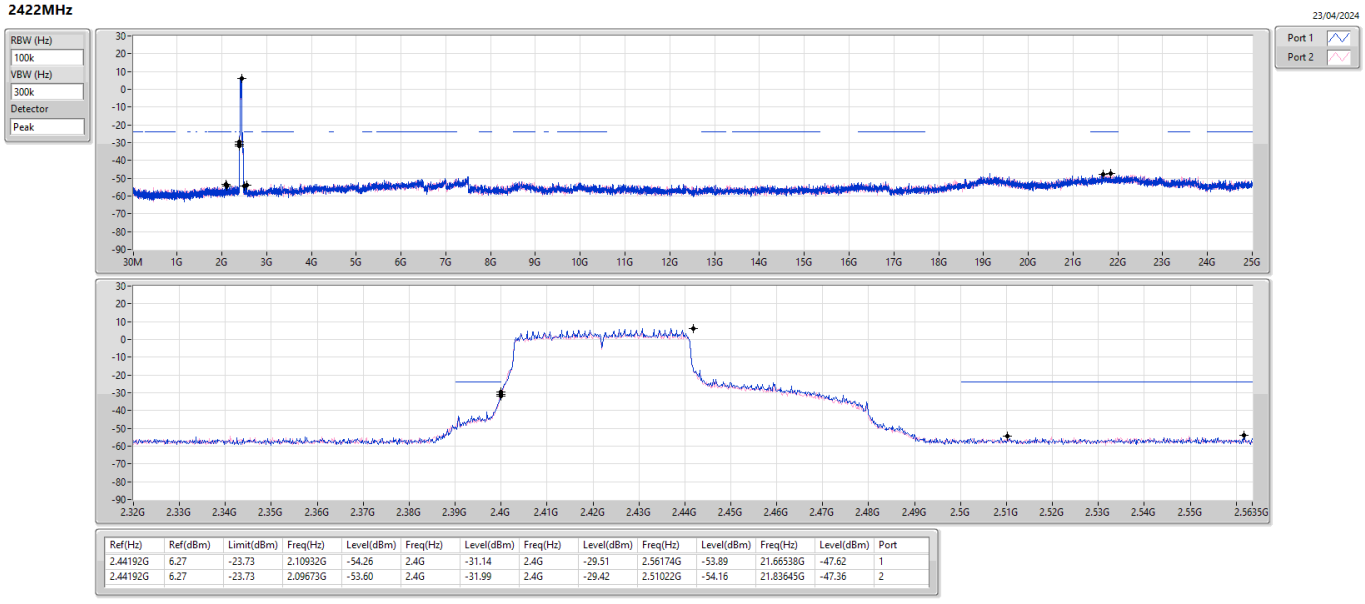
2462MHz



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
2.4319G	13.83	-16.17	2.05477G	-54.64	2.3996G	-50.51	2.4G	-53.99	2.5163G	-51.85	22.0022G	-47.32	1
2.4319G	13.83	-16.17	1.96157G	-54.23	2.39576G	-50.31	2.4G	-52.83	2.51654G	-51.06	21.89824G	-48.18	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX CSENdB

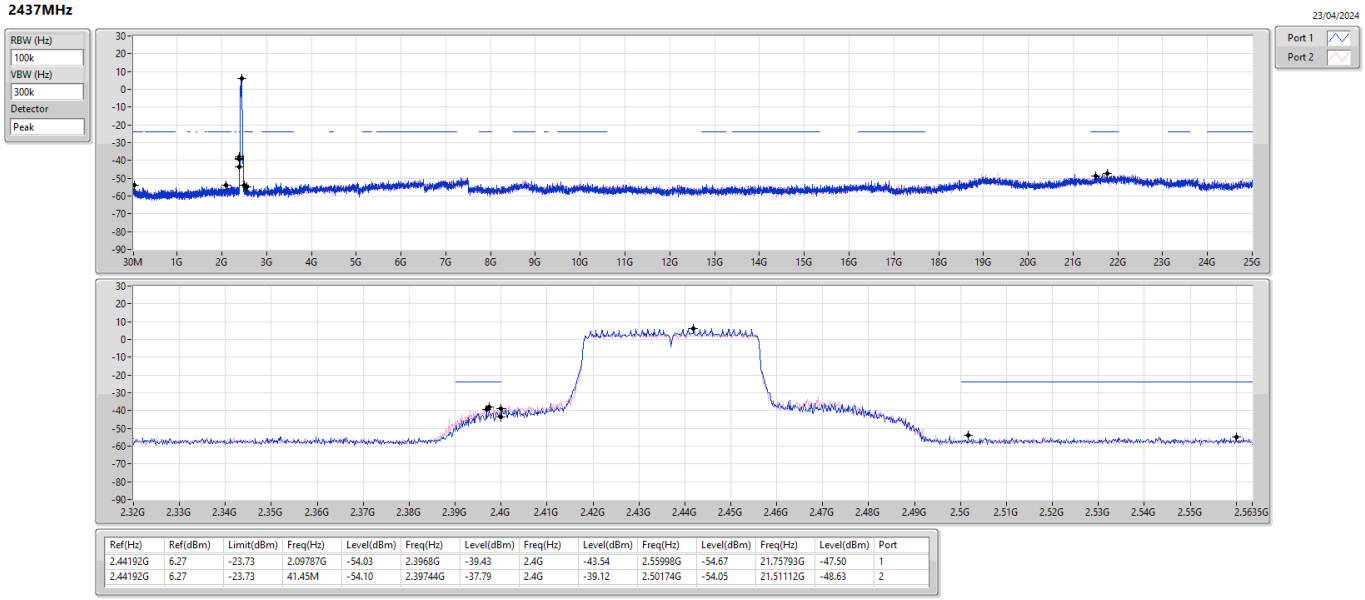
2422MHz



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
2.44192G	6.27	-23.73	2.10932G	-54.26	2.4G	-31.14	2.4G	-29.51	2.56174G	-53.89	21.66538G	-47.62	1
2.44192G	6.27	-23.73	2.09673G	-53.60	2.4G	-31.99	2.4G	-29.42	2.51022G	-54.16	21.83645G	-47.36	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX CSENdB

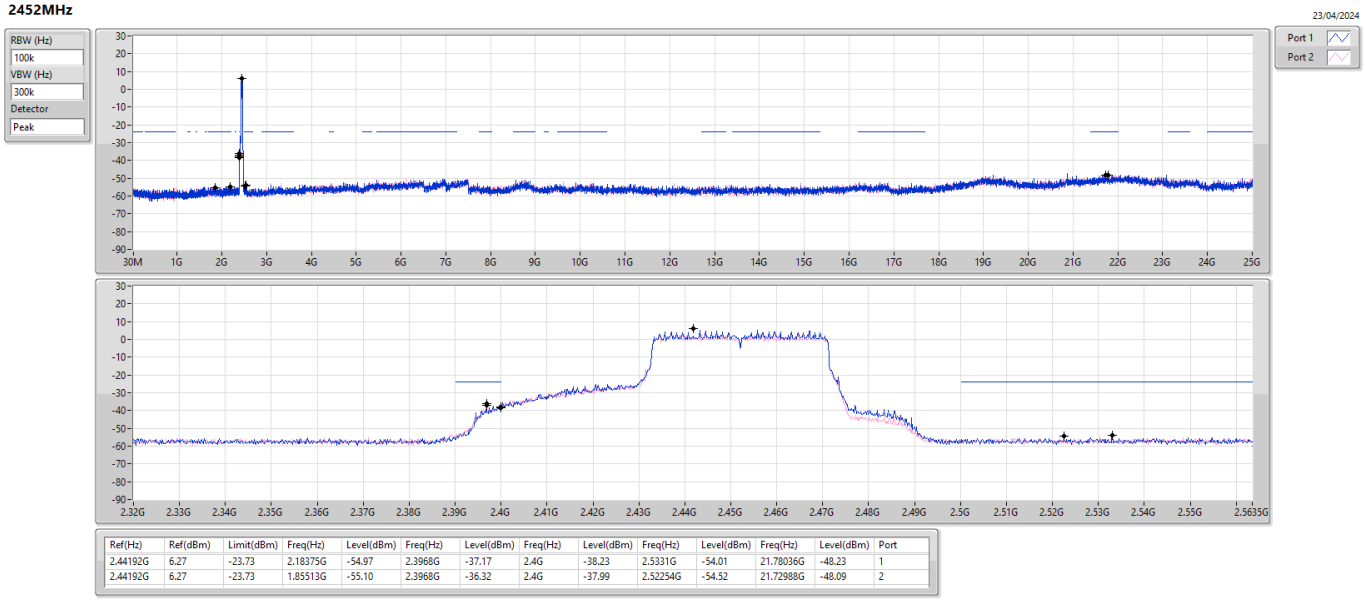
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	6.27	-23.73	2.09787G	-54.03	2.3968G	-39.43	2.4G	-43.54	2.55998G	-54.67	21.75793G	-47.50	1
2.44192G	6.27	-23.73	41.45M	-54.10	2.39744G	-37.79	2.4G	-39.12	2.50174G	-54.05	21.51112G	-48.63	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX CSENdB

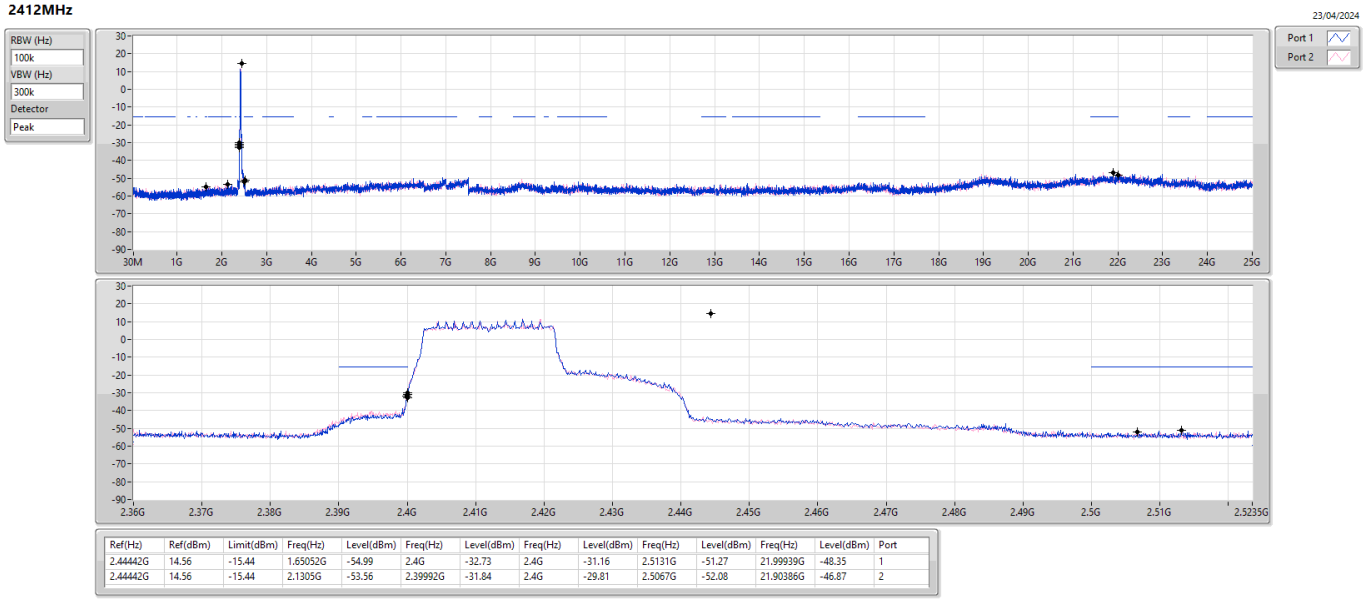
2452MHz



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
2.44192G	6.27	-23.73	2.18375G	-54.97	2.3968G	-37.17	2.4G	-38.23	2.5331G	-54.01	21.78036G	-48.23	1
2.44192G	6.27	-23.73	1.85513G	-55.10	2.3968G	-36.32	2.4G	-37.99	2.52254G	-54.52	21.72988G	-48.09	2

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX CSENdB

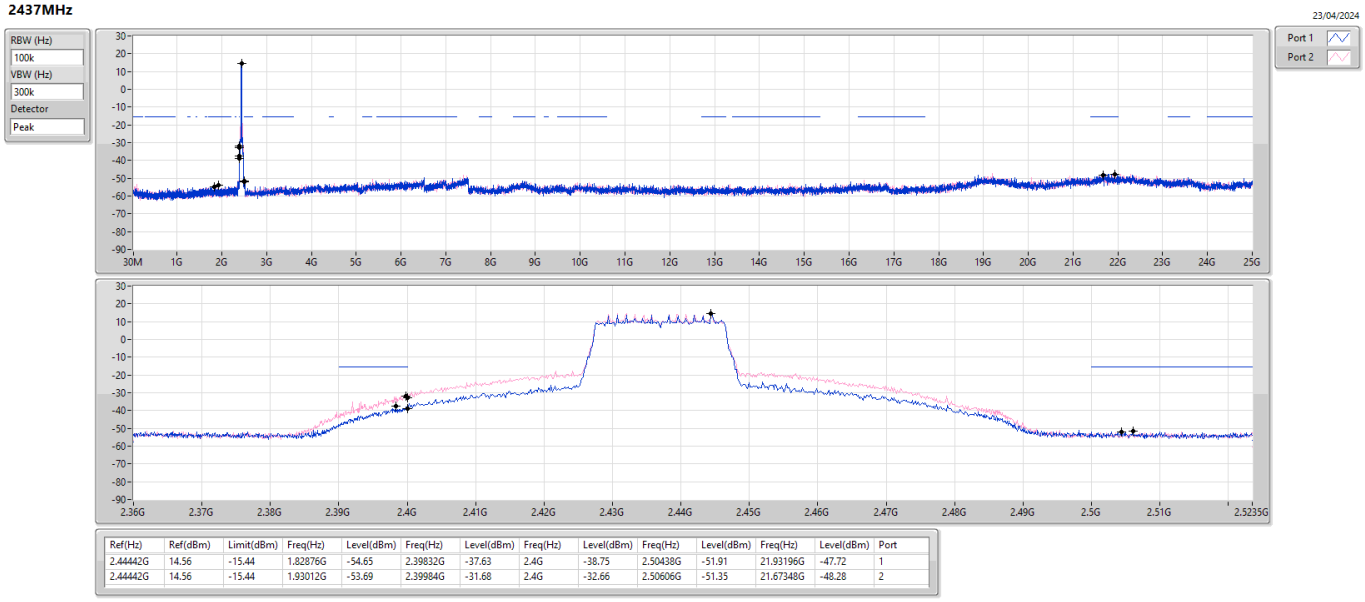
2412MHz



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
2.44442G	14.56	-15.44	1.65052G	-54.99	2.4G	-32.73	2.4G	-31.16	2.5131G	-51.27	21.99939G	-48.35	1
2.44442G	14.56	-15.44	2.1305G	-53.56	2.39992G	-31.84	2.4G	-29.81	2.5067G	-52.08	21.90386G	-46.87	2

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX CSENdB

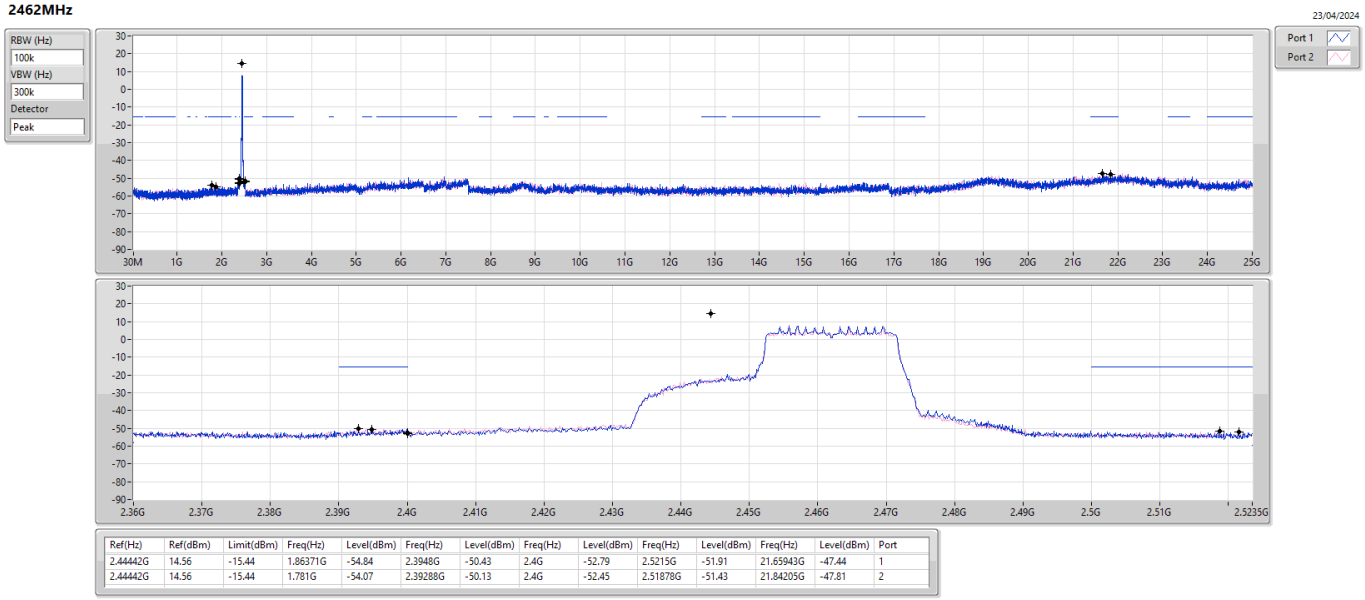
2437MHz



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
2.44442G	14.56	-15.44	1.82876G	-54.65	2.39832G	-37.63	2.4G	-38.75	2.50438G	-51.91	21.93196G	-47.72	1
2.44442G	14.56	-15.44	1.93012G	-53.69	2.39984G	-31.68	2.4G	-32.66	2.50606G	-51.35	21.67348G	-48.28	2

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX CSENdB

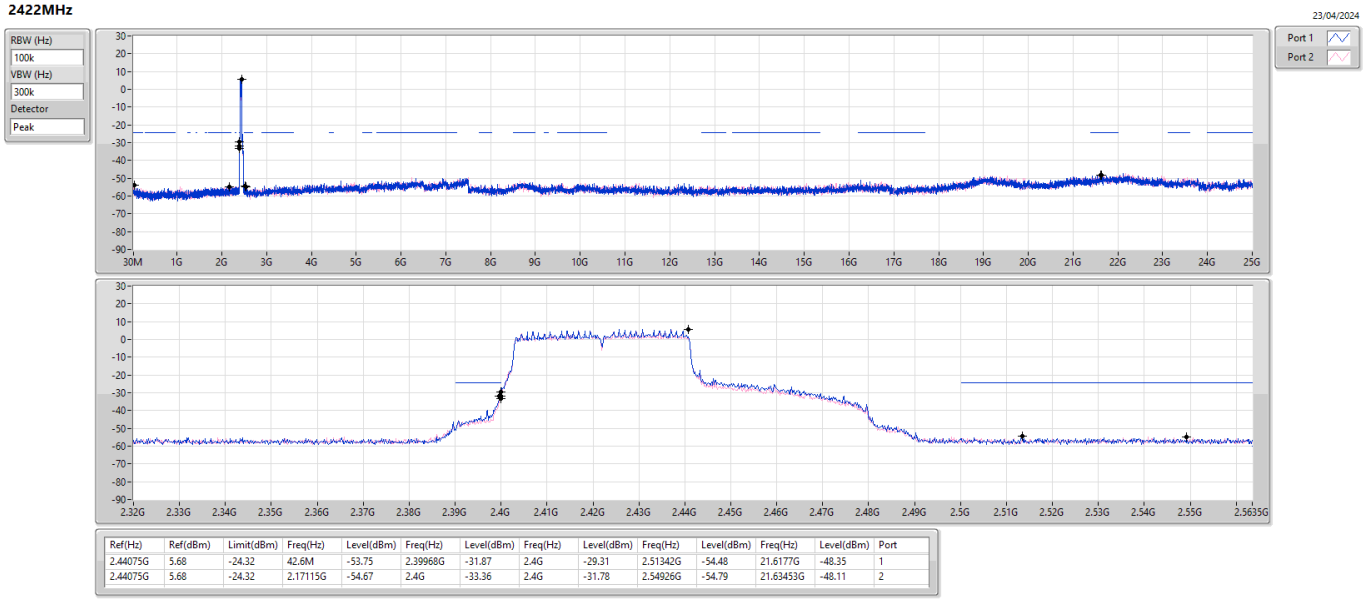
2462MHz



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
2.44442G	14.56	-15.44	1.86371G	-54.84	2.3948G	-50.43	2.4G	-52.79	2.5215G	-51.91	21.65943G	-47.44	1
2.44442G	14.56	-15.44	1.781G	-54.07	2.39288G	-50.13	2.4G	-52.45	2.51878G	-51.43	21.84205G	-47.81	2

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX CSENdB

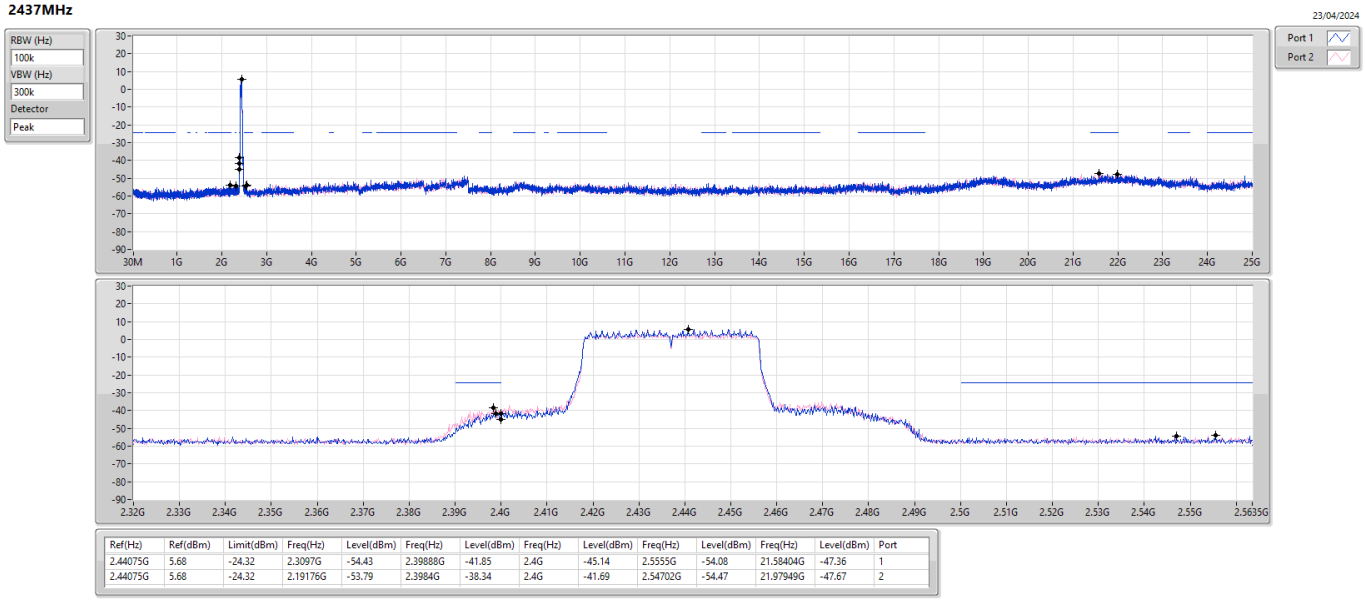
2422MHz



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
2.44075G	5.68	-24.32	42.6M	-53.75	2.39968G	-31.87	2.4G	-29.31	2.51342G	-54.48	21.6177G	-48.35	1
2.44075G	5.68	-24.32	2.17115G	-54.67	2.4G	-33.36	2.4G	-31.78	2.54926G	-54.79	21.63453G	-48.11	2

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX CSENdB

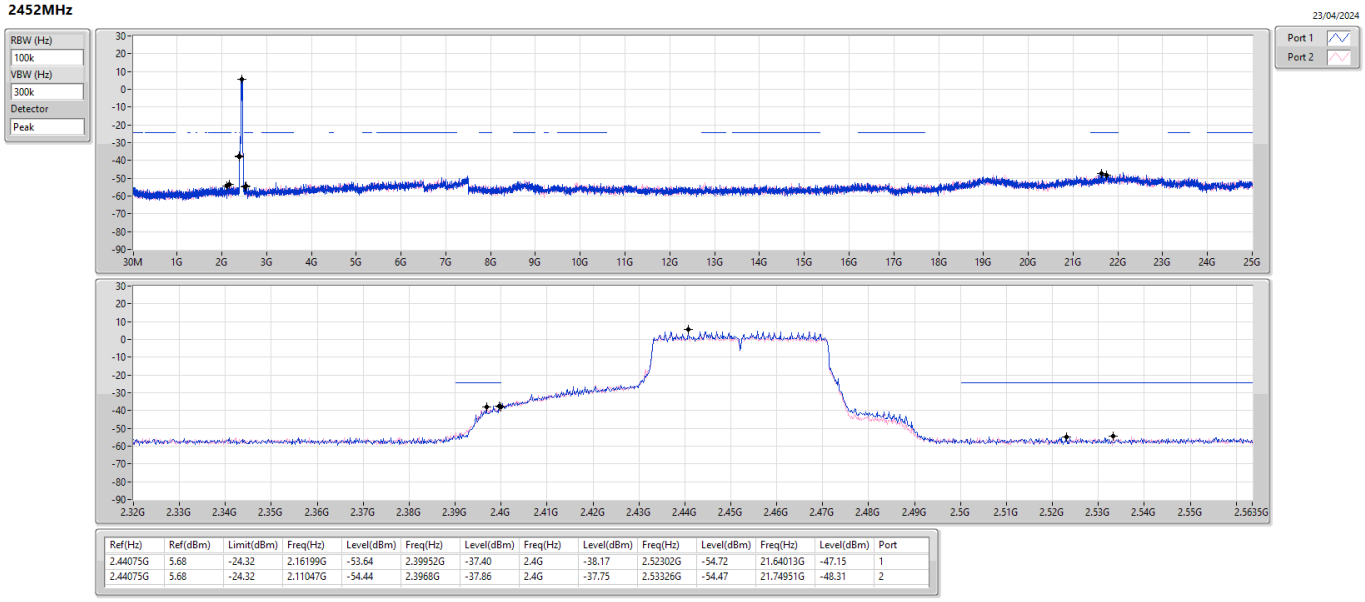
2437MHz



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
2.44075G	5.68	-24.32	2.3097G	-54.43	2.39888G	-41.85	2.4G	-45.14	2.5555G	-54.08	21.58404G	-47.36	1
2.44075G	5.68	-24.32	2.19176G	-53.79	2.3984G	-38.34	2.4G	-41.69	2.54702G	-54.47	21.97949G	-47.67	2

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX CSENdB

2452MHz

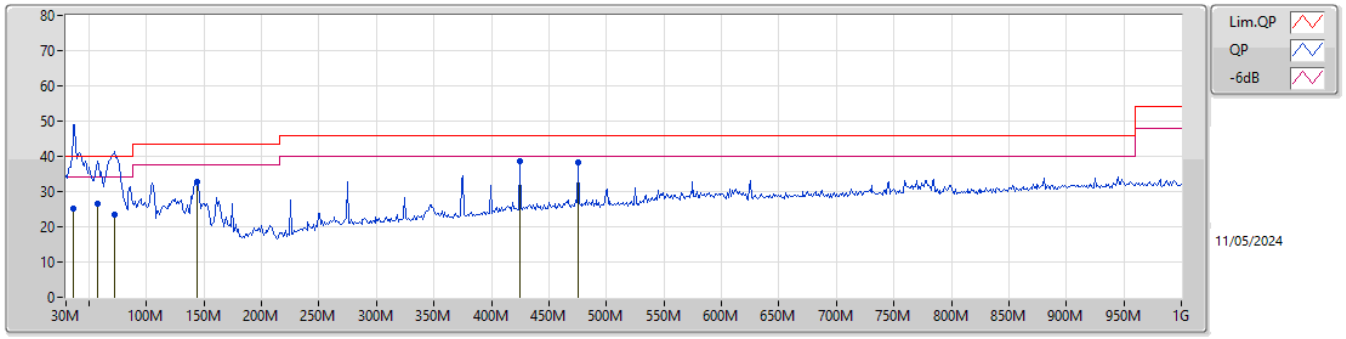


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	5.68	-24.32	2.16199G	-53.64	2.39952G	-37.40	2.4G	-38.17	2.52302G	-54.72	21.64013G	-47.15	1
2.44075G	5.68	-24.32	2.11047G	-54.44	2.3968G	-37.86	2.4G	-37.75	2.53326G	-54.47	21.74951G	-48.31	2

Summary

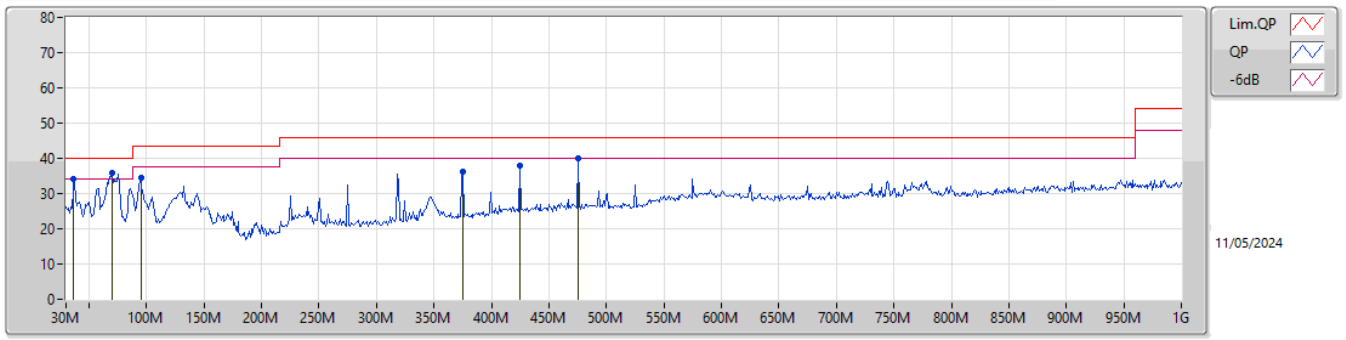
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 5	Pass	PK	69.77M	35.75	40.00	-4.25	Horizontal

Mode 5



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	143.49M	32.86	43.50	-10.64	-12.70	3	Vertical	120	1.00	-	45.56	16.95	2.10	31.75
QP	36.79M	25.19	40.00	-14.81	-9.56	3	Vertical	0	1.00	-	34.75	20.83	1.12	31.51
PK	424.79M	38.64	46.00	-7.36	-5.89	3	Vertical	322	1.50	"Worst"	44.53	22.31	3.81	32.01
QP	57.16M	26.55	40.00	-13.45	-17.50	3	Vertical	8	1.00	-	44.05	12.80	1.36	31.66
PK	475.23M	38.24	46.00	-7.76	-4.91	3	Vertical	0	1.50	-	43.15	23.10	4.06	32.07
QP	72.68M	23.36	40.00	-16.64	-17.65	3	Vertical	240	1.50	-	41.01	12.55	1.51	31.71

Mode 5



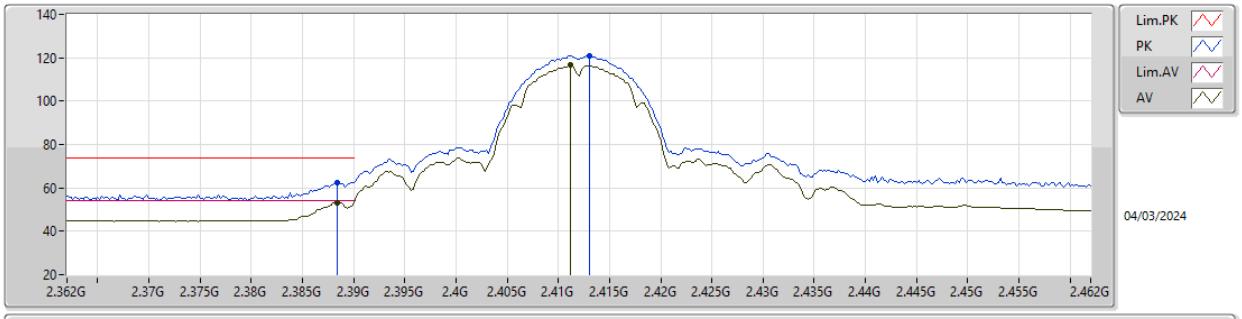
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	36.79M	34.03	40.00	-5.97	-9.56	3	Horizontal	266	2.00	-	43.59	20.83	1.12	31.51
PK	69.77M	35.75	40.00	-4.25	-17.64	3	Horizontal	275	2.00	"Worst"	53.39	12.57	1.49	31.70
PK	94.99M	34.61	43.50	-8.89	-14.17	3	Horizontal	275	2.00	-	48.78	15.86	1.72	31.75
PK	375.32M	36.20	46.00	-9.80	-7.65	3	Horizontal	360	1.00	-	43.85	20.75	3.56	31.96
PK	424.79M	38.10	46.00	-7.90	-5.89	3	Horizontal	89	1.25	-	43.99	22.31	3.81	32.01
PK	475.23M	40.10	46.00	-5.90	-4.91	3	Horizontal	298	1.50	-	45.01	23.10	4.06	32.07

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	53.93	54.00	-0.07	3	Vertical	86	1.55	-

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

2412MHz_TX

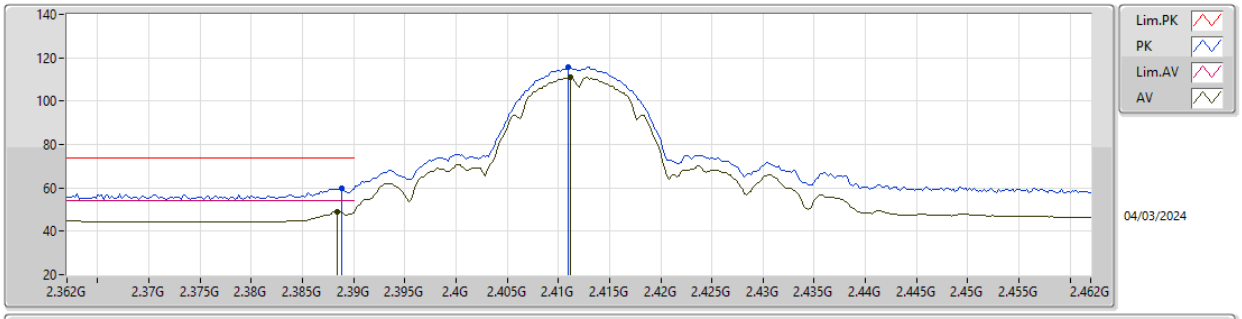


EUT Y_2TX
Setting 102
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3884G	62.65	74.00	-11.35	30.24	3	Vertical	70	2.24	-	27.70	4.71	-
AV	2.3884G	53.35	54.00	-0.65	20.94	3	Vertical	70	2.24	-	27.70	4.71	-
PK	2.413G	121.06	Inf	-Inf	88.73	3	Vertical	70	2.24	-	27.60	4.73	-
AV	2.4112G	116.47	Inf	-Inf	84.14	3	Vertical	70	2.24	-	27.60	4.73	-

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

2412MHz_TX

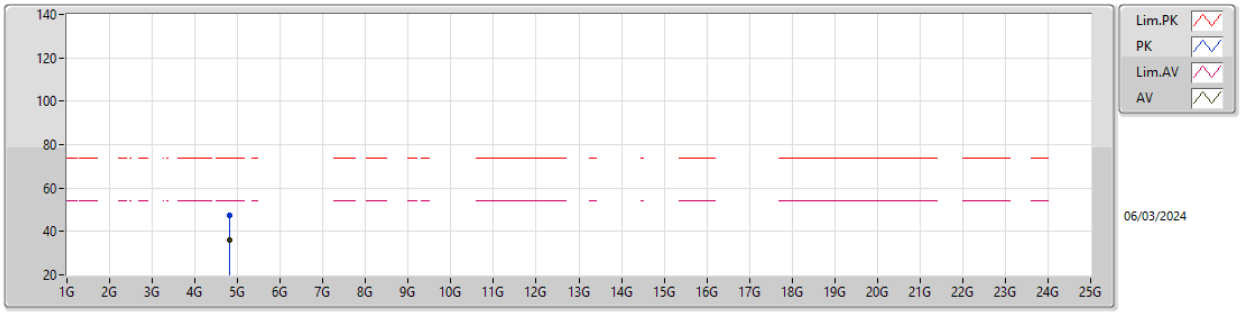


EUT Y_2TX
Setting 102
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3888G	60.07	74.00	-13.93	27.66	3	Horizontal	71	1.00	-	27.70	4.71	-
AV	2.3884G	49.05	54.00	-4.95	16.64	3	Horizontal	71	1.00	-	27.70	4.71	-
PK	2.411G	115.68	Inf	-Inf	83.35	3	Horizontal	71	1.00	-	27.60	4.73	-
AV	2.4112G	111.09	Inf	-Inf	78.76	3	Horizontal	71	1.00	-	27.60	4.73	-

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

2412MHz_TX

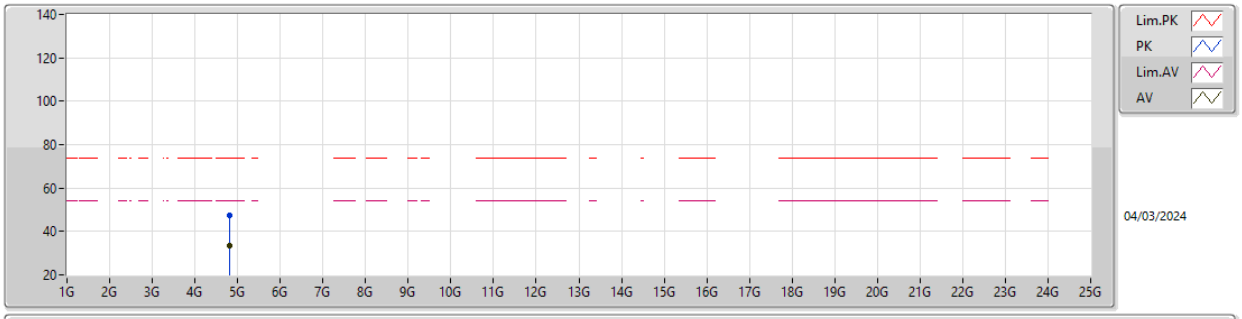


EUT Y_2TX
Setting 102
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8238G	47.48	74.00	-26.52	40.89	3	Vertical	9	1.97	-	31.30	6.69	31.40
AV	4.82396G	36.25	54.00	-17.75	29.66	3	Vertical	9	1.97	-	31.30	6.69	31.40

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

2412MHz_TX

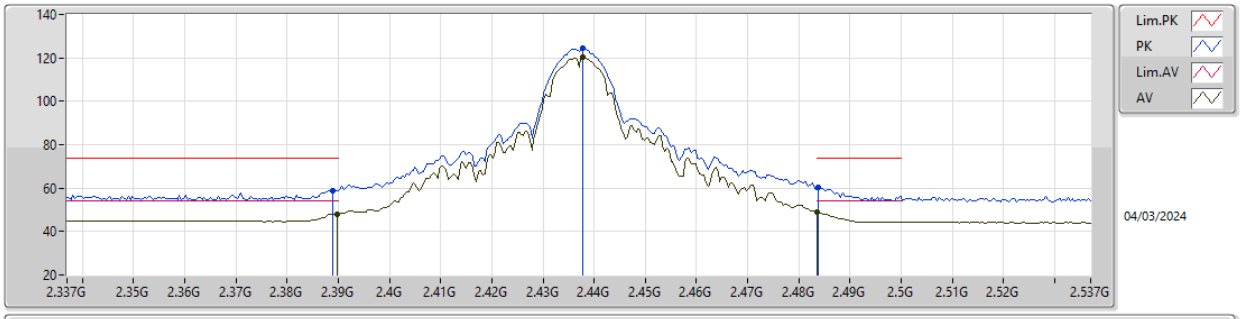


EUT Y_2TX
Setting 102
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82468G	47.64	74.00	-26.36	41.05	3	Horizontal	330	1.80	-	31.30	6.69	31.40
AV	4.82388G	33.40	54.00	-20.60	26.81	3	Horizontal	330	1.80	-	31.30	6.69	31.40

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

2437MHz_TX

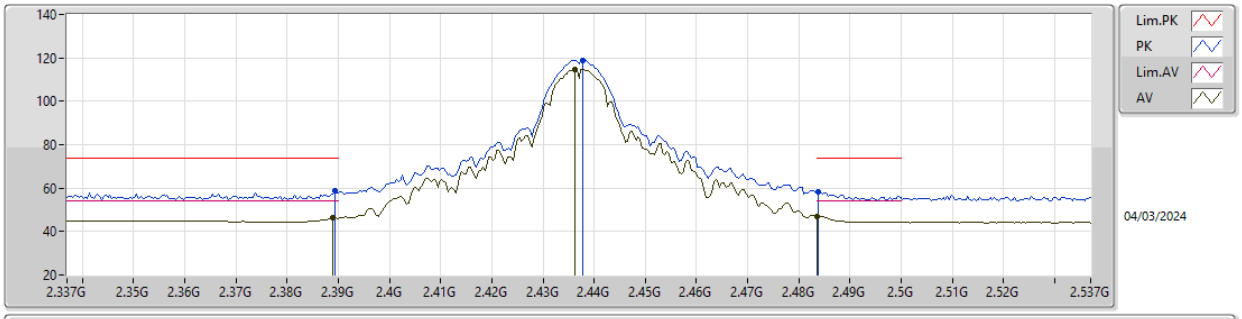


EUT Y_2TX
Setting 110
06-D-O-1

Type	Freq	Level	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	58.92	74.00	-15.08	26.51	3	Vertical	71	2.17	-	27.70	4.71	-
AV	2.3898G	47.80	54.00	-6.20	15.39	3	Vertical	71	2.17	-	27.70	4.71	-
PK	2.4378G	124.38	Inf	-Inf	92.13	3	Vertical	71	2.17	-	27.50	4.75	-
AV	2.4378G	120.23	Inf	-Inf	87.98	3	Vertical	71	2.17	-	27.50	4.75	-
PK	2.4838G	60.13	74.00	-13.87	27.93	3	Vertical	71	2.17	-	27.40	4.80	-
AV	2.4835G	49.01	54.00	-4.99	16.81	3	Vertical	71	2.17	-	27.40	4.80	-

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

2437MHz_TX

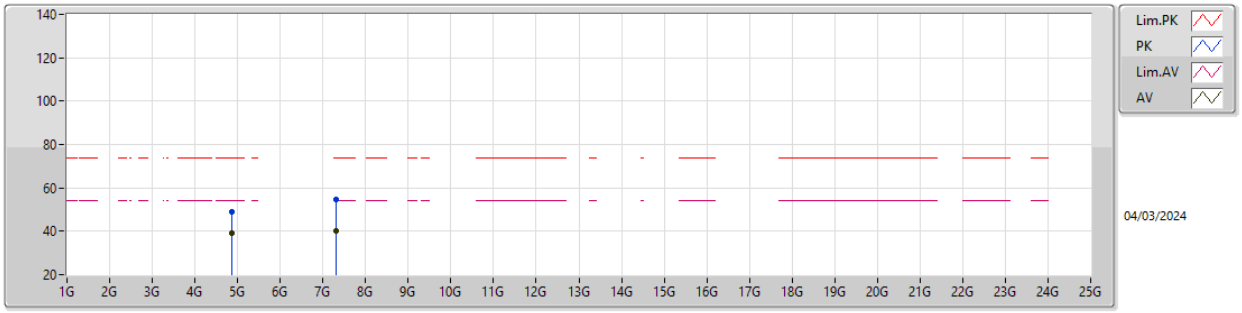


EUT Y_2TX
Setting 110
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	58.66	74.00	-15.34	26.25	3	Horizontal	68	1.00	-	27.70	4.71	-
AV	2.389G	46.24	54.00	-7.76	13.83	3	Horizontal	68	1.00	-	27.70	4.71	-
PK	2.4378G	119.04	Inf	-Inf	86.79	3	Horizontal	68	1.00	-	27.50	4.75	-
AV	2.4362G	114.87	Inf	-Inf	82.62	3	Horizontal	68	1.00	-	27.50	4.75	-
PK	2.4838G	58.16	74.00	-15.84	25.96	3	Horizontal	68	1.00	-	27.40	4.80	-
AV	2.4835G	47.09	54.00	-6.91	14.89	3	Horizontal	68	1.00	-	27.40	4.80	-

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

2437MHz_TX

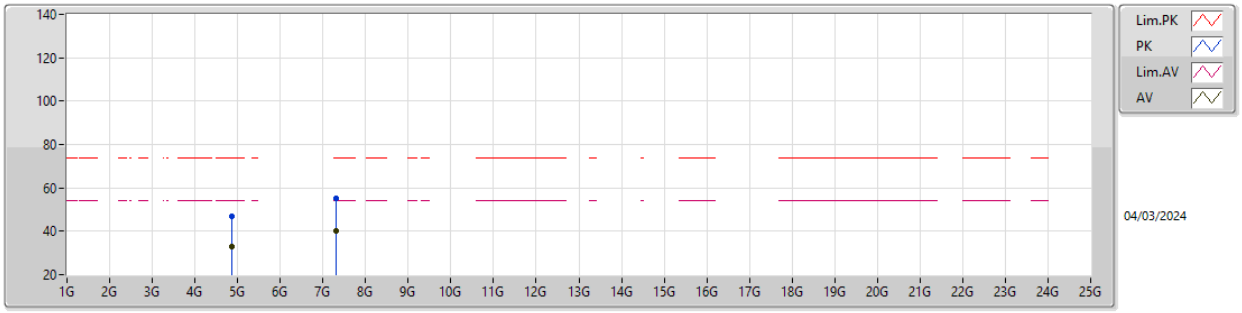


EUT Y_2TX
Setting 110
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.874G	49.14	74.00	-24.86	42.48	3	Vertical	336	2.15	-	31.30	6.73	31.37
AV	4.87396G	39.27	54.00	-14.73	32.61	3	Vertical	336	2.15	-	31.30	6.73	31.37
PK	7.30984G	54.44	74.00	-19.56	42.10	3	Vertical	354	1.80	-	36.60	8.34	32.60
AV	7.301G	40.16	54.00	-13.84	27.81	3	Vertical	354	1.80	-	36.60	8.34	32.59

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

2437MHz_TX

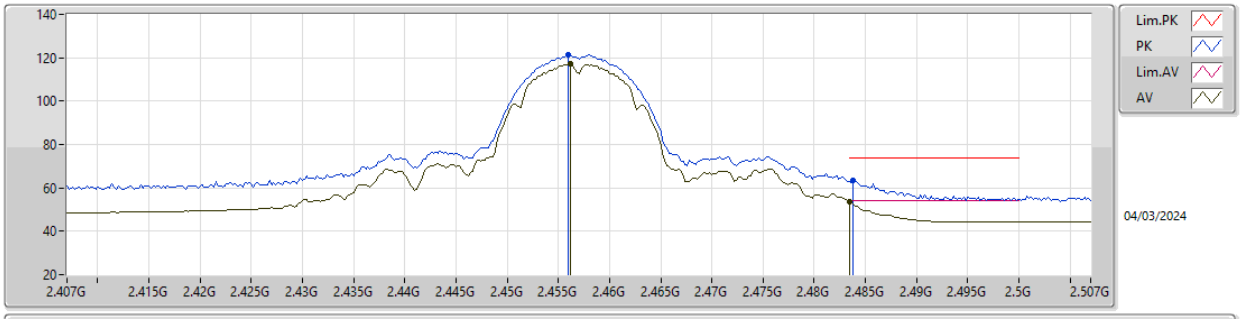


EUT Y_2TX
Setting 110
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87636G	47.01	74.00	-26.99	40.35	3	Horizontal	99	2.65	-	31.30	6.73	31.37
AV	4.8648G	32.78	54.00	-21.22	26.12	3	Horizontal	99	2.65	-	31.30	6.73	31.37
PK	7.30956G	55.00	74.00	-19.00	42.66	3	Horizontal	86	2.48	-	36.60	8.34	32.60
AV	7.301G	40.15	54.00	-13.85	27.80	3	Horizontal	86	2.48	-	36.60	8.34	32.59

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

2457MHz_TX

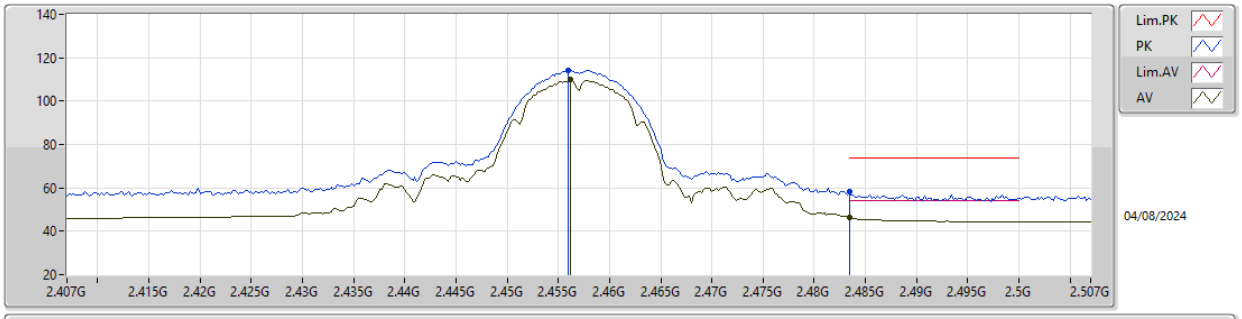


EUT Y_2TX
Setting 101
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.456G	121.24	Inf	-Inf	89.03	3	Vertical	59	2.14	-	27.44	4.77	-
AV	2.4562G	117.17	Inf	-Inf	84.96	3	Vertical	59	2.14	-	27.44	4.77	-
PK	2.4838G	63.53	74.00	-10.47	31.33	3	Vertical	59	2.14	-	27.40	4.80	-
AV	2.4835G	53.68	54.00	-0.32	21.48	3	Vertical	59	2.14	-	27.40	4.80	-

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

2457MHz_TX

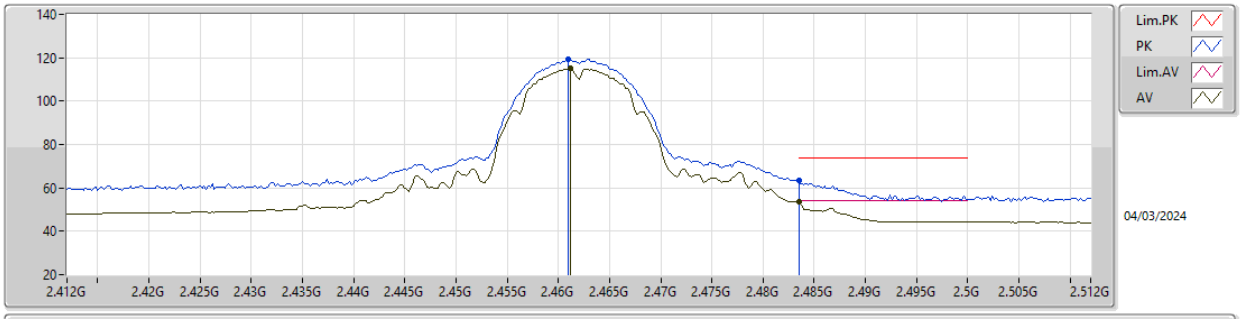


EUT Y_2TX
Setting 101
06-D-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.456G	114.27	Inf	-Inf	82.06	3	Horizontal	131	2.50	-	27.44	4.77	-
AV	2.4562G	109.77	Inf	-Inf	77.56	3	Horizontal	131	2.50	-	27.44	4.77	-
PK	2.4835G	58.17	74.00	-15.83	25.97	3	Horizontal	131	2.50	-	27.40	4.80	-
AV	2.4835G	46.14	54.00	-7.86	13.94	3	Horizontal	131	2.50	-	27.40	4.80	-

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

2462MHz_TX

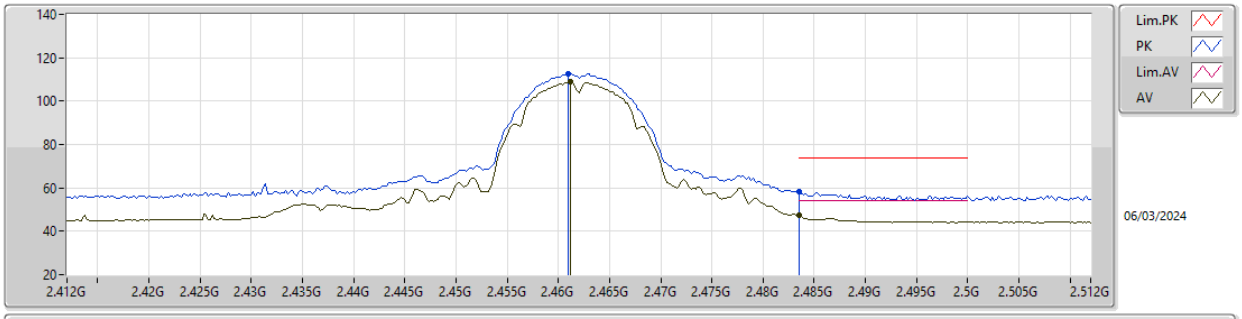


EUT Y_2TX
Setting 94
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	119.23	Inf	-Inf	87.06	3	Vertical	72	2.36	-	27.40	4.77	-
AV	2.4612G	115.11	Inf	-Inf	82.93	3	Vertical	72	2.36	-	27.40	4.78	-
PK	2.4835G	63.43	74.00	-10.57	31.23	3	Vertical	72	2.36	-	27.40	4.80	-
AV	2.4835G	53.46	54.00	-0.54	21.26	3	Vertical	72	2.36	-	27.40	4.80	-

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

2462MHz_TX

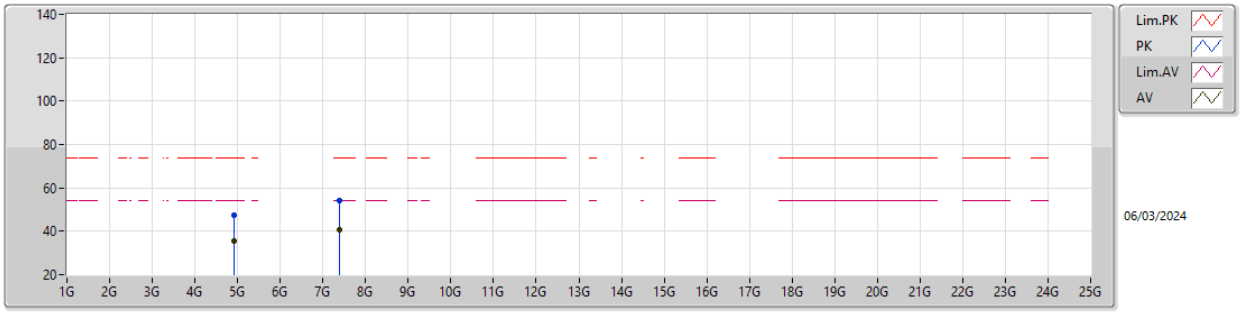


EUT Y_2TX
Setting 94
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.461G	112.77	Inf	-Inf	80.60	3	Horizontal	338	2.39	-	27.40	4.77	-
AV	2.4612G	108.74	Inf	-Inf	76.56	3	Horizontal	338	2.39	-	27.40	4.78	-
PK	2.4835G	58.51	74.00	-15.49	26.31	3	Horizontal	338	2.39	-	27.40	4.80	-
AV	2.4835G	47.27	54.00	-6.73	15.07	3	Horizontal	338	2.39	-	27.40	4.80	-

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

2462MHz_TX

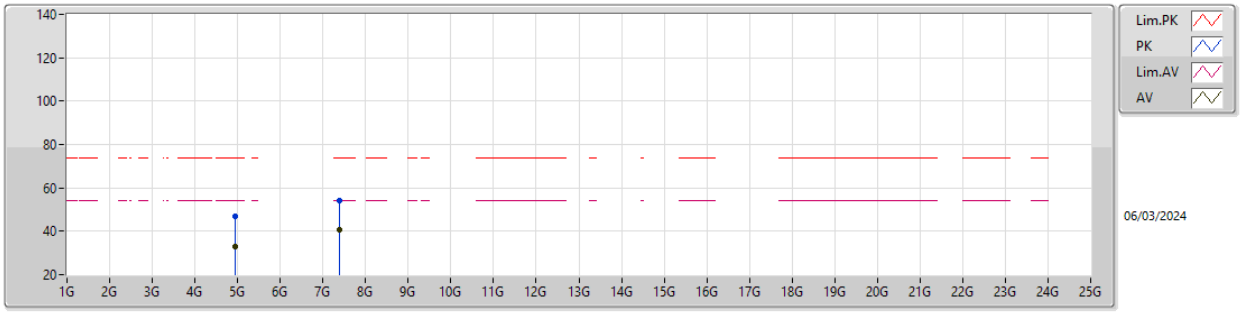


EUT Y_2TX
Setting 94
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92388G	47.53	74.00	-26.47	40.68	3	Vertical	11	1.80	-	31.40	6.78	31.33
AV	4.924G	35.74	54.00	-18.26	28.89	3	Vertical	11	1.80	-	31.40	6.78	31.33
PK	7.39552G	54.11	74.00	-19.89	41.89	3	Vertical	129	1.60	-	36.60	8.34	32.72
AV	7.37656G	40.59	54.00	-13.41	28.34	3	Vertical	129	1.60	-	36.60	8.34	32.69

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

2462MHz_TX

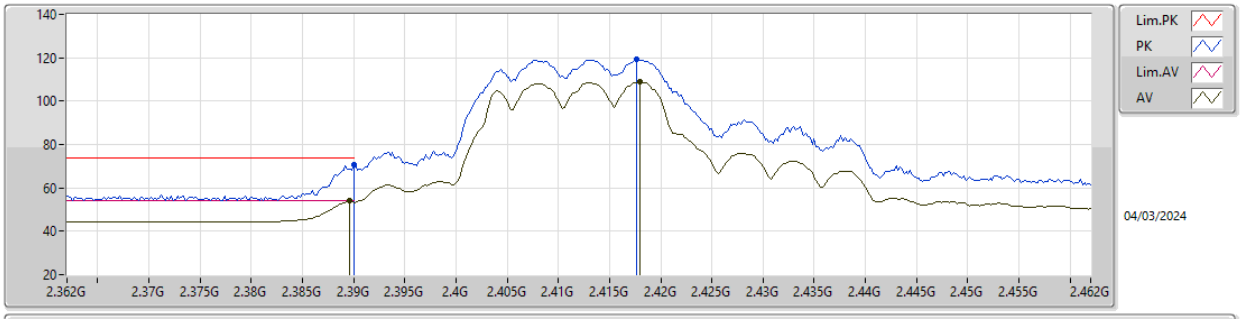


EUT Y_2TX
Setting 94
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9332G	46.84	74.00	-27.16	39.96	3	Horizontal	316	1.67	-	31.43	6.78	31.33
AV	4.93368G	32.87	54.00	-21.13	25.99	3	Horizontal	316	1.67	-	31.43	6.78	31.33
PK	7.38172G	53.94	74.00	-20.06	41.70	3	Horizontal	324	2.64	-	36.60	8.34	32.70
AV	7.37648G	40.55	54.00	-13.45	28.30	3	Horizontal	324	2.64	-	36.60	8.34	32.69

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

2412MHz_TX

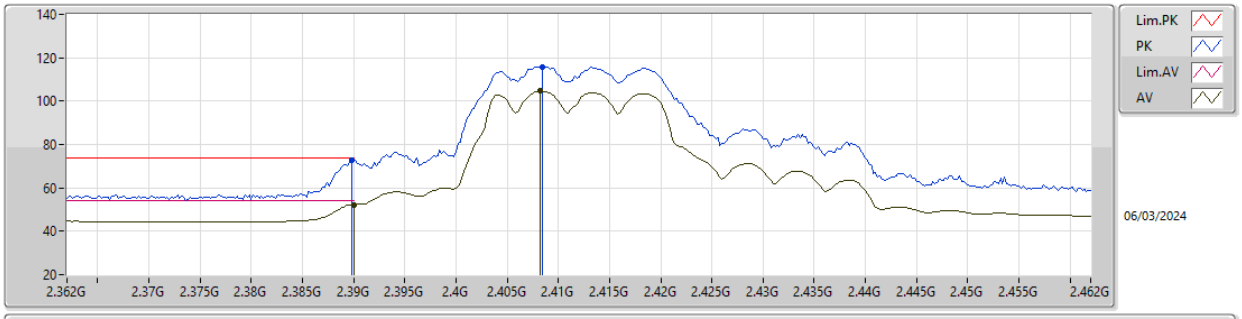


EUT Y_2TX
Setting 96
06-D-O-1

Type	Freq	Level	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	70.77	74.00	-3.23	38.36	3	Vertical	87	1.38	-	27.70	4.71	-
AV	2.3896G	53.88	54.00	-0.12	21.47	3	Vertical	87	1.38	-	27.70	4.71	-
PK	2.4176G	119.54	Inf	-Inf	87.20	3	Vertical	87	1.38	-	27.60	4.74	-
AV	2.418G	108.81	Inf	-Inf	76.47	3	Vertical	87	1.38	-	27.60	4.74	-

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

2412MHz_TX

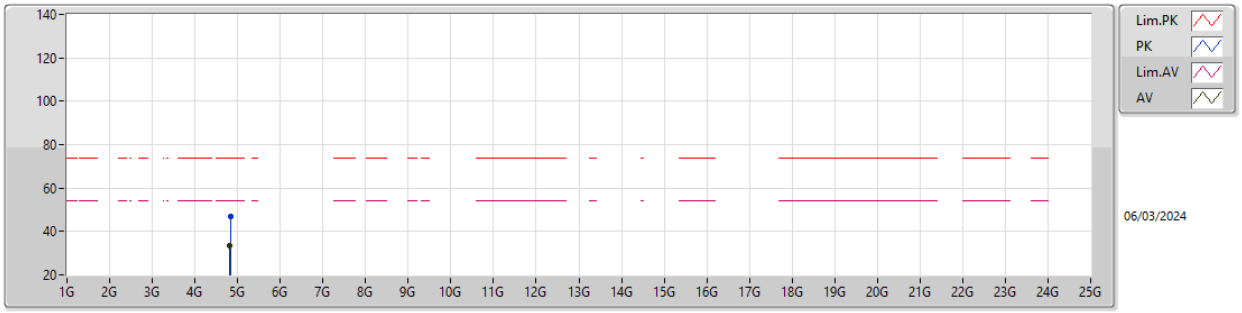


EUT Y_2TX
Setting 96
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	72.72	74.00	-1.28	40.31	3	Horizontal	122	1.28	-	27.70	4.71	-
AV	2.39G	52.32	54.00	-1.68	19.91	3	Horizontal	122	1.28	-	27.70	4.71	-
PK	2.4084G	115.93	Inf	-Inf	83.58	3	Horizontal	122	1.28	-	27.62	4.73	-
AV	2.4082G	104.59	Inf	-Inf	72.24	3	Horizontal	122	1.28	-	27.62	4.73	-

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

2412MHz_TX

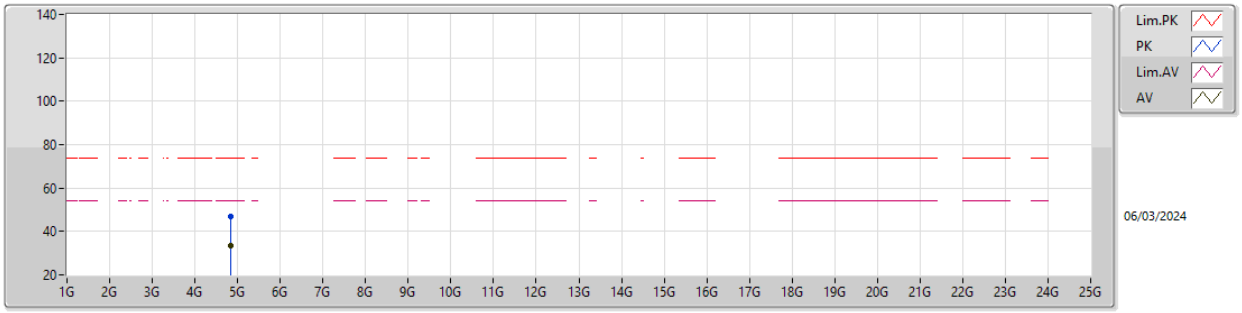


EUT Y_2TX
Setting 96
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82728G	46.87	74.00	-27.13	40.28	3	Vertical	285	2.72	-	31.30	6.69	31.40
AV	4.81844G	33.32	54.00	-20.68	26.74	3	Vertical	285	2.72	-	31.30	6.69	31.41

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

2412MHz_TX

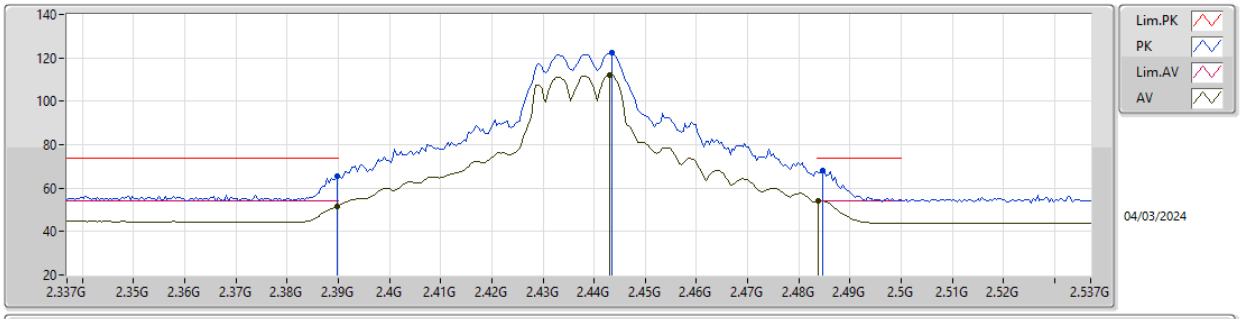


EUT Y_2TX
Setting 96
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83064G	46.95	74.00	-27.05	40.35	3	Horizontal	95	2.29	-	31.30	6.70	31.40
AV	4.82916G	33.39	54.00	-20.61	26.80	3	Horizontal	95	2.29	-	31.30	6.69	31.40

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

2437MHz_TX

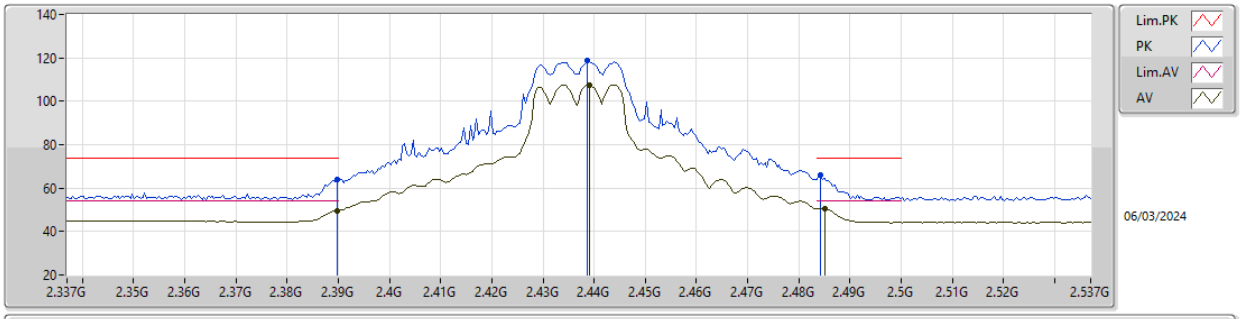


EUT Y_2TX
Setting 106
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	65.60	74.00	-8.40	33.19	3	Vertical	88	1.59	-	27.70	4.71	-
AV	2.3898G	51.40	54.00	-2.60	18.99	3	Vertical	88	1.59	-	27.70	4.71	-
PK	2.4434G	122.26	Inf	-Inf	90.00	3	Vertical	88	1.59	-	27.50	4.76	-
AV	2.443G	111.94	Inf	-Inf	79.68	3	Vertical	88	1.59	-	27.50	4.76	-
PK	2.4846G	67.88	74.00	-6.12	35.68	3	Vertical	88	1.59	-	27.40	4.80	-
AV	2.4838G	53.91	54.00	-0.09	21.71	3	Vertical	88	1.59	-	27.40	4.80	-

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

2437MHz_TX

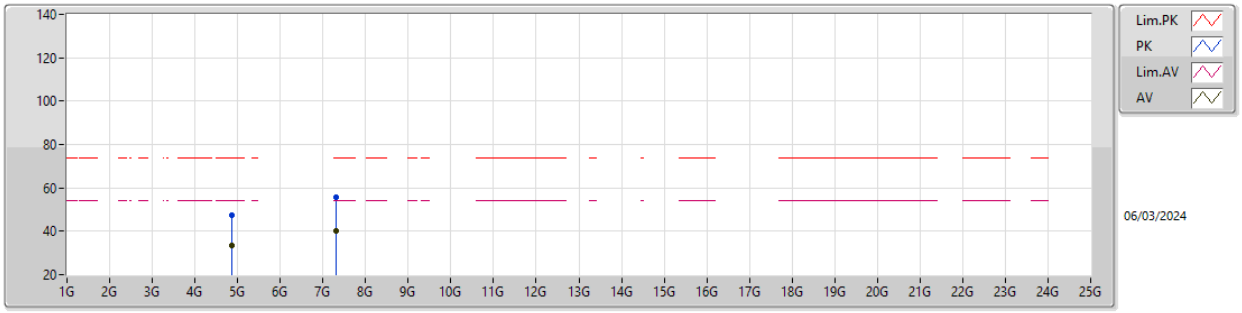


EUT Y_2TX
Setting 106
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.73	74.00	-10.27	31.32	3	Horizontal	182	1.01	-	27.70	4.71	-
AV	2.3898G	49.60	54.00	-4.40	17.19	3	Horizontal	182	1.01	-	27.70	4.71	-
PK	2.4386G	118.56	Inf	-Inf	86.31	3	Horizontal	182	1.01	-	27.50	4.75	-
AV	2.439G	107.62	Inf	-Inf	75.36	3	Horizontal	182	1.01	-	27.50	4.76	-
PK	2.4842G	65.98	74.00	-8.02	33.78	3	Horizontal	182	1.01	-	27.40	4.80	-
AV	2.485G	50.54	54.00	-3.46	18.34	3	Horizontal	182	1.01	-	27.40	4.80	-

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

2437MHz_TX

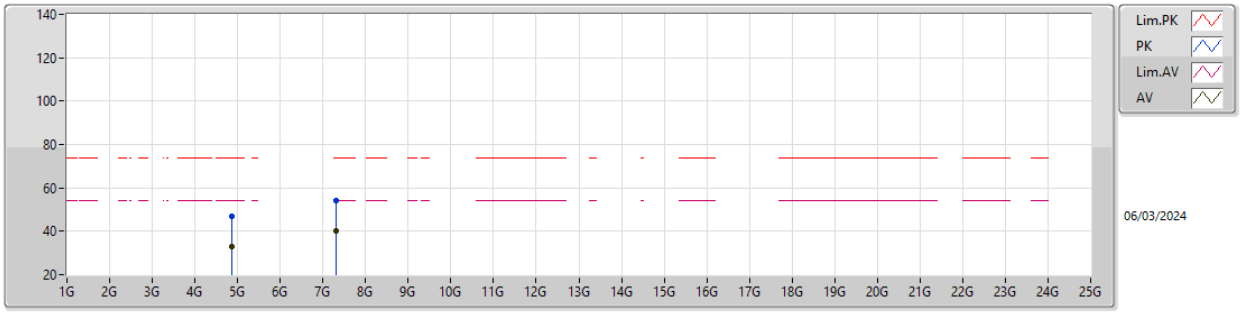


EUT Y_2TX
Setting 106
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87472G	47.34	74.00	-26.66	40.68	3	Vertical	88	1.80	-	31.30	6.73	31.37
AV	4.86524G	33.27	54.00	-20.73	26.61	3	Vertical	88	1.80	-	31.30	6.73	31.37
PK	7.31256G	55.46	74.00	-18.54	43.12	3	Vertical	271	1.80	-	36.60	8.34	32.60
AV	7.30688G	40.39	54.00	-13.61	28.05	3	Vertical	271	1.80	-	36.60	8.34	32.60

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

2437MHz_TX

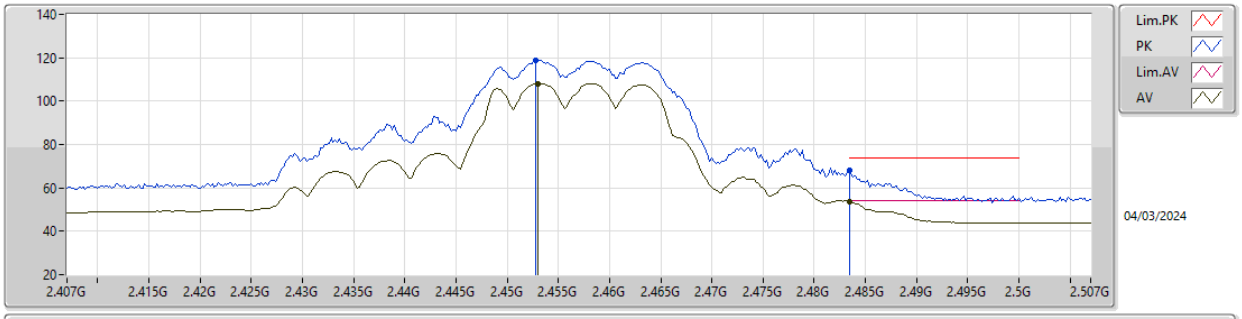


EUT Y_2TX
Setting 106
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8664G	46.67	74.00	-27.33	40.01	3	Horizontal	199	1.27	-	31.30	6.73	31.37
AV	4.86508G	33.04	54.00	-20.96	26.38	3	Horizontal	199	1.27	-	31.30	6.73	31.37
PK	7.30512G	54.05	74.00	-19.95	41.70	3	Horizontal	56	2.53	-	36.60	8.34	32.59
AV	7.30308G	40.35	54.00	-13.65	28.00	3	Horizontal	56	2.53	-	36.60	8.34	32.59

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

2457MHz_TX

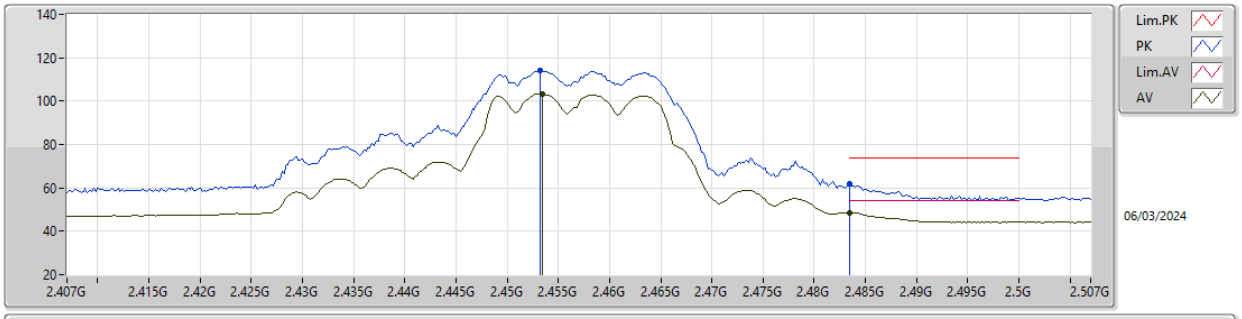


EUT Y_2TX
Setting 91
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4528G	118.69	Inf	-Inf	86.45	3	Vertical	87	1.60	-	27.47	4.77	-
AV	2.453G	108.18	Inf	-Inf	75.94	3	Vertical	87	1.60	-	27.47	4.77	-
PK	2.4835G	68.24	74.00	-5.76	36.04	3	Vertical	87	1.60	-	27.40	4.80	-
AV	2.4835G	53.68	54.00	-0.32	21.48	3	Vertical	87	1.60	-	27.40	4.80	-

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

2457MHz_TX

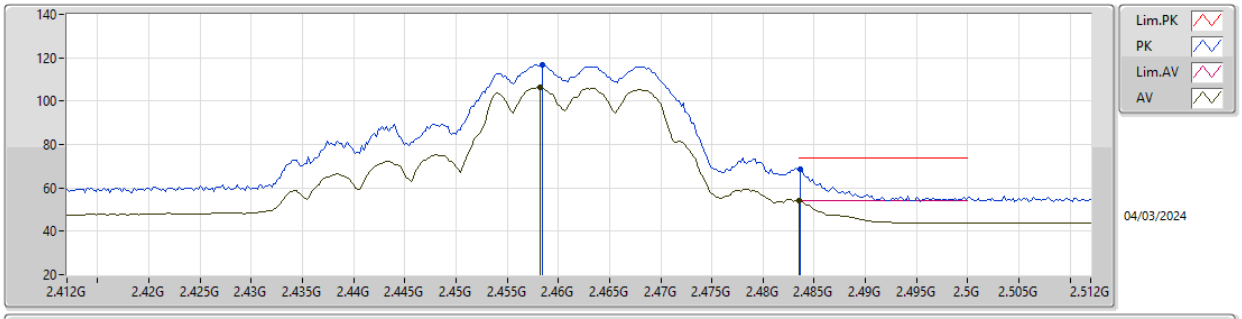


EUT Y_2TX
Setting 91
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4532G	114.20	Inf	-Inf	81.96	3	Horizontal	123	1.33	-	27.47	4.77	-
AV	2.4534G	103.48	Inf	-Inf	71.24	3	Horizontal	123	1.33	-	27.47	4.77	-
PK	2.4835G	61.79	74.00	-12.21	29.59	3	Horizontal	123	1.33	-	27.40	4.80	-
AV	2.4835G	48.56	54.00	-5.44	16.36	3	Horizontal	123	1.33	-	27.40	4.80	-

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

2462MHz_TX

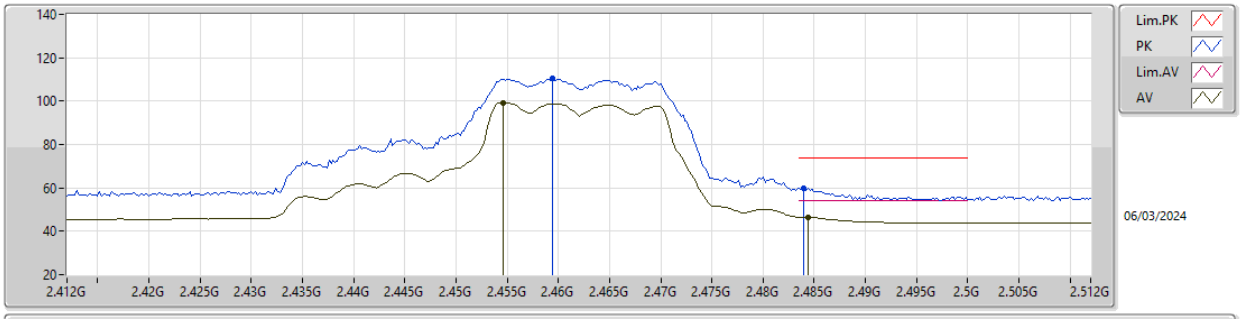


EUT Y_2TX
Setting 84
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4584G	116.52	Inf	-Inf	84.33	3	Vertical	86	1.55	-	27.42	4.77	-
AV	2.4582G	106.36	Inf	-Inf	74.17	3	Vertical	86	1.55	-	27.42	4.77	-
PK	2.4836G	68.39	74.00	-5.61	36.19	3	Vertical	86	1.55	-	27.40	4.80	-
AV	2.4835G	53.93	54.00	-0.07	21.73	3	Vertical	86	1.55	-	27.40	4.80	-

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

2462MHz_TX

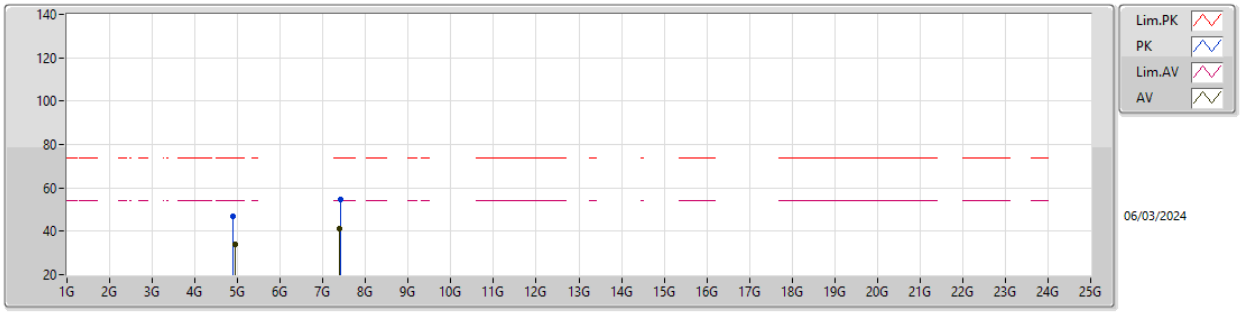


EUT Y_2TX
Setting 84
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4594G	110.39	Inf	-Inf	78.21	3	Horizontal	15	1.80	-	27.41	4.77	-
AV	2.4546G	99.29	Inf	-Inf	67.07	3	Horizontal	15	1.80	-	27.45	4.77	-
PK	2.484G	59.91	74.00	-14.09	27.71	3	Horizontal	15	1.80	-	27.40	4.80	-
AV	2.4844G	46.56	54.00	-7.44	14.36	3	Horizontal	15	1.80	-	27.40	4.80	-

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

2462MHz_TX

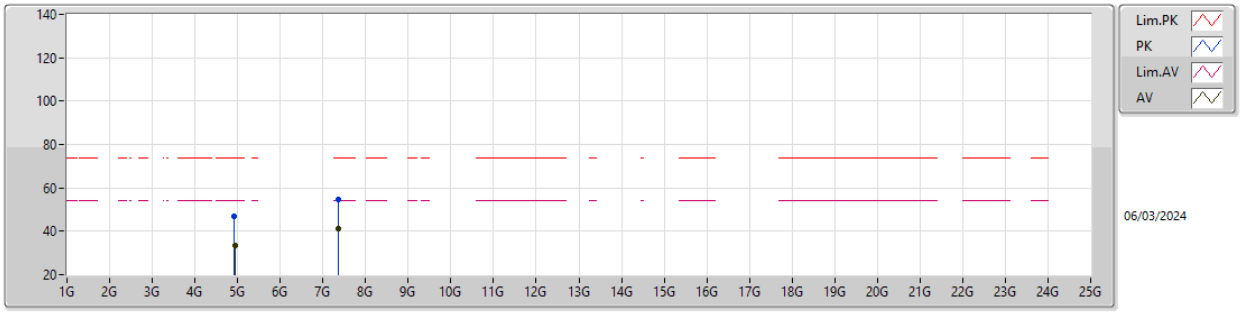


EUT Y_2TX
Setting 84
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8858G	46.73	74.00	-27.27	40.05	3	Vertical	143	2.89	-	31.30	6.74	31.36
AV	4.935G	33.73	54.00	-20.27	26.84	3	Vertical	143	2.89	-	31.44	6.78	31.33
PK	7.4258G	54.72	74.00	-19.28	42.47	3	Vertical	322	2.01	-	36.65	8.36	32.76
AV	7.3782G	41.27	54.00	-12.73	29.03	3	Vertical	322	2.01	-	36.60	8.34	32.70

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

2462MHz_TX

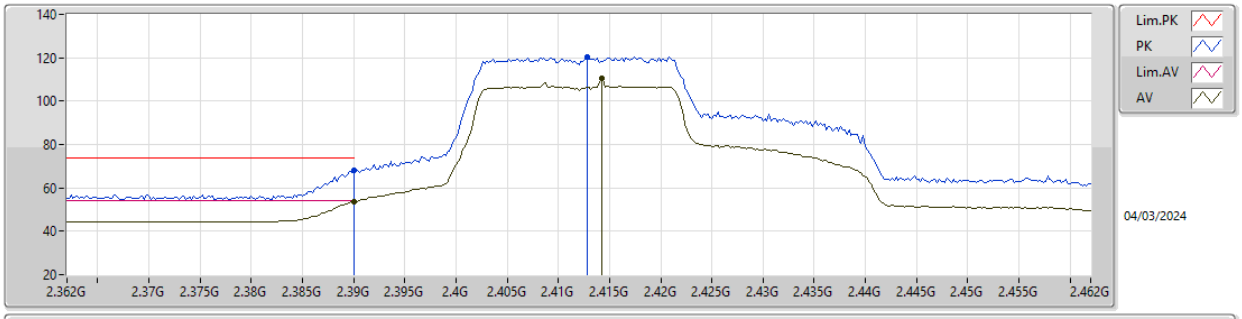


EUT Y_2TX
Setting 84
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.91572G	46.93	74.00	-27.07	40.14	3	Horizontal	144	2.11	-	31.36	6.77	31.34
AV	4.93256G	33.42	54.00	-20.58	26.54	3	Horizontal	144	2.11	-	31.43	6.78	31.33
PK	7.37G	54.52	74.00	-19.48	42.27	3	Horizontal	9	2.00	-	36.60	8.34	32.69
AV	7.37G	41.22	54.00	-12.78	28.97	3	Horizontal	9	2.00	-	36.60	8.34	32.69

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

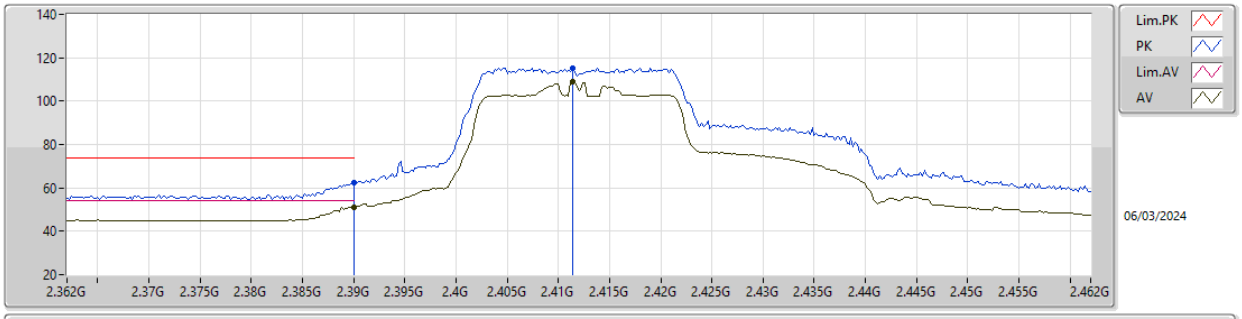


EUT Y_2TX
Setting 93
06-D-O-1

Type	Freq	Level	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	68.05	74.00	-5.95	35.64	3	Vertical	92	1.80	-	27.70	4.71	-
AV	2.39G	53.66	54.00	-0.34	21.25	3	Vertical	92	1.80	-	27.70	4.71	-
PK	2.4128G	120.47	Inf	-Inf	88.14	3	Vertical	92	1.80	-	27.60	4.73	-
AV	2.4142G	110.41	Inf	-Inf	78.08	3	Vertical	92	1.80	-	27.60	4.73	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

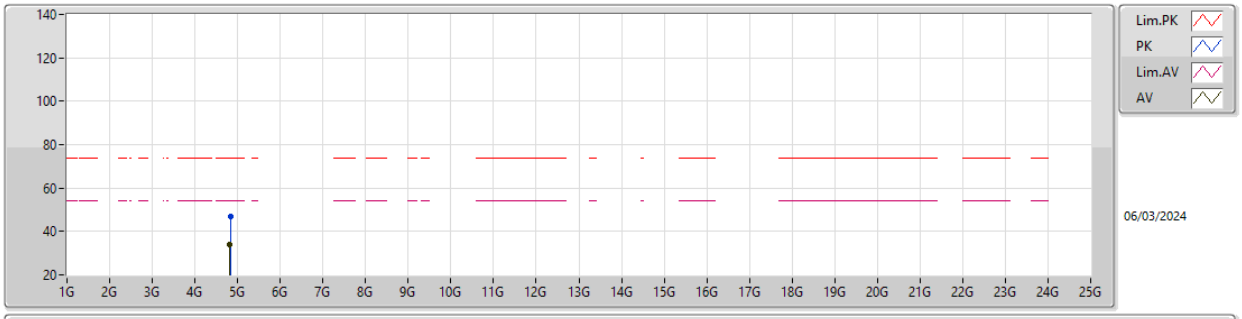


EUT Y_2TX
Setting 93
06-D-O-1

Type	Freq	Level	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	62.65	74.00	-11.35	30.24	3	Horizontal	64	1.01	-	27.70	4.71	-
AV	2.39G	51.12	54.00	-2.88	18.71	3	Horizontal	64	1.01	-	27.70	4.71	-
PK	2.4114G	115.27	Inf	-Inf	82.94	3	Horizontal	64	1.01	-	27.60	4.73	-
AV	2.4114G	109.16	Inf	-Inf	76.83	3	Horizontal	64	1.01	-	27.60	4.73	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

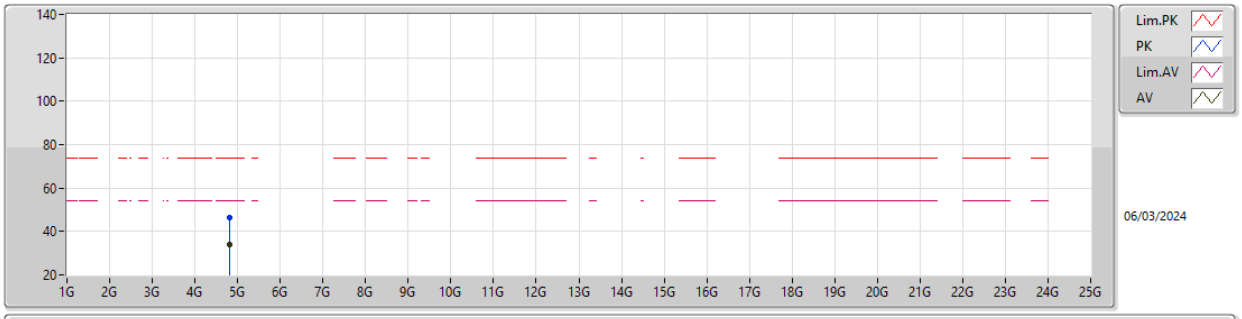


EUT Y_2TX
Setting 93
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83048G	46.83	74.00	-27.17	40.23	3	Vertical	9	1.74	-	31.30	6.70	31.40
AV	4.82392G	34.13	54.00	-19.87	27.54	3	Vertical	9	1.74	-	31.30	6.69	31.40

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2412MHz_TX

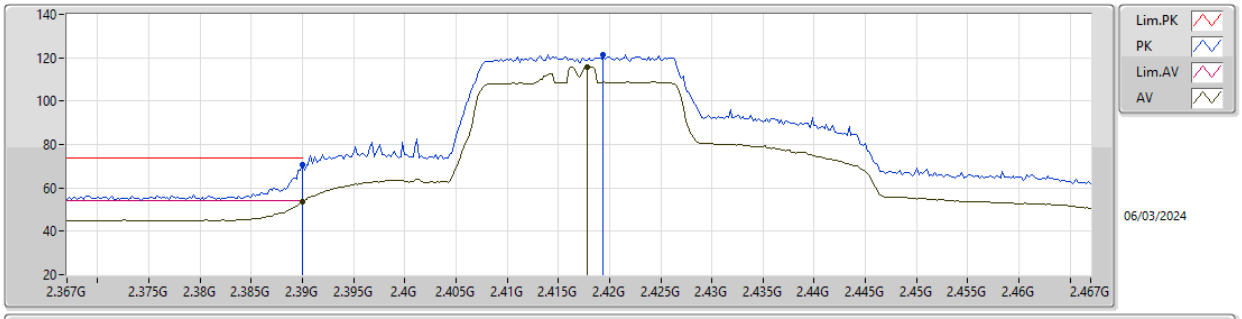


EUT Y_2TX
Setting 93
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.81876G	46.31	74.00	-27.69	39.73	3	Horizontal	222	2.26	-	31.30	6.69	31.41
AV	4.8242G	34.02	54.00	-19.98	27.43	3	Horizontal	222	2.26	-	31.30	6.69	31.40

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

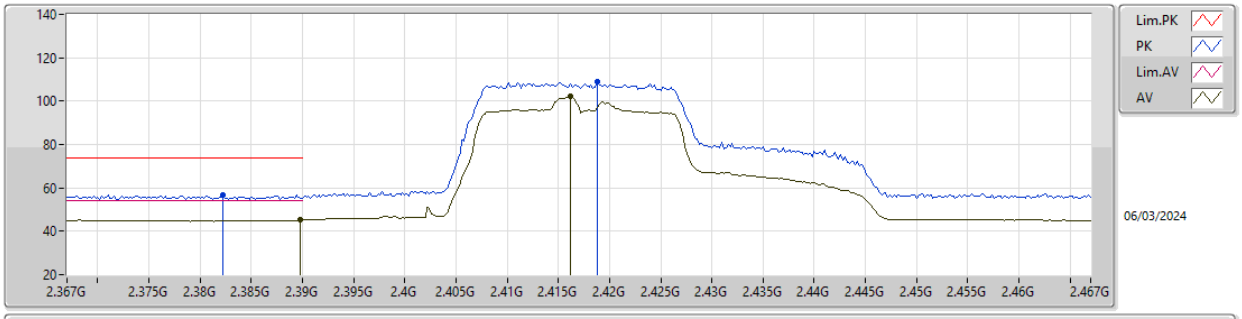


EUT Y_2TX
Setting 94
06-D-O-1

Type	Freq	Level	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	70.90	74.00	-3.10	38.49	3	Vertical	71	2.44	-	27.70	4.71	-
AV	2.39G	53.57	54.00	-0.43	21.16	3	Vertical	71	2.44	-	27.70	4.71	-
PK	2.4194G	121.39	Inf	-Inf	89.05	3	Vertical	71	2.44	-	27.60	4.74	-
AV	2.4178G	115.76	Inf	-Inf	83.42	3	Vertical	71	2.44	-	27.60	4.74	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2417MHz_TX

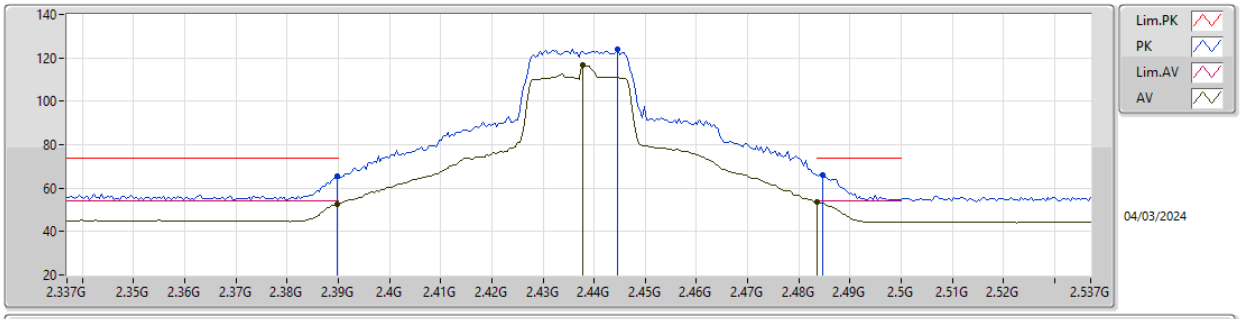


EUT Y_2TX
Setting 94
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3822G	56.58	74.00	-17.42	24.18	3	Horizontal	129	1.02	-	27.70	4.70	-
AV	2.3898G	45.22	54.00	-8.78	12.81	3	Horizontal	129	1.02	-	27.70	4.71	-
PK	2.4188G	108.93	Inf	-Inf	76.59	3	Horizontal	129	1.02	-	27.60	4.74	-
AV	2.4162G	102.07	Inf	-Inf	69.74	3	Horizontal	129	1.02	-	27.60	4.73	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

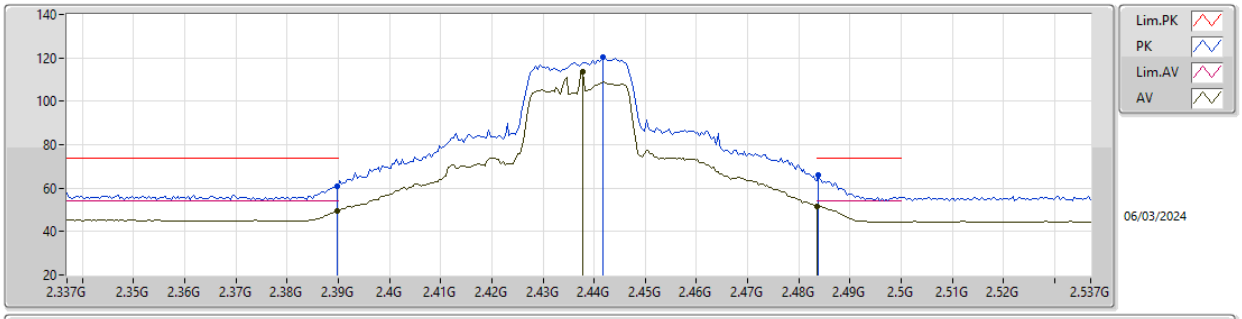


EUT Y_2TX
Setting 105
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	65.32	74.00	-8.68	32.91	3	Vertical	92	1.80	-	27.70	4.71	-
AV	2.3898G	52.83	54.00	-1.17	20.42	3	Vertical	92	1.80	-	27.70	4.71	-
PK	2.4446G	123.86	Inf	-Inf	91.60	3	Vertical	92	1.80	-	27.50	4.76	-
AV	2.4378G	116.50	Inf	-Inf	84.25	3	Vertical	92	1.80	-	27.50	4.75	-
PK	2.4846G	66.28	74.00	-7.72	34.08	3	Vertical	92	1.80	-	27.40	4.80	-
AV	2.4835G	53.42	54.00	-0.58	21.22	3	Vertical	92	1.80	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

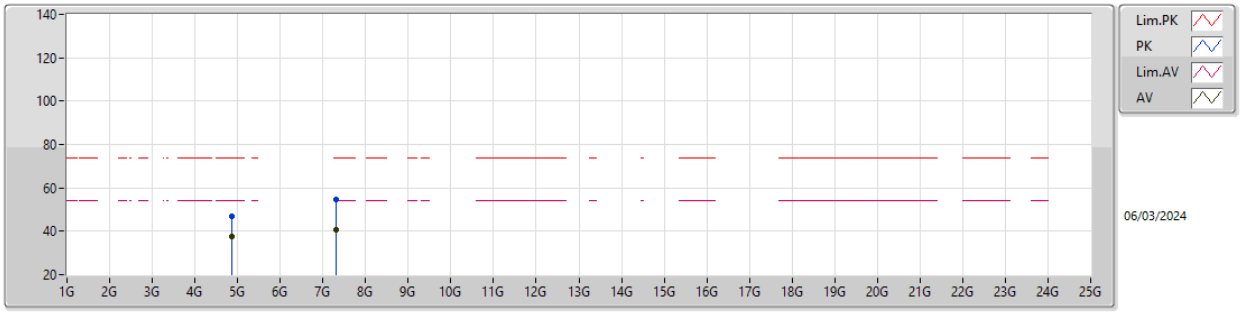


EUT Y_2TX
Setting 105
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	60.98	74.00	-13.02	28.57	3	Horizontal	61	1.00	-	27.70	4.71	-
AV	2.3898G	49.64	54.00	-4.36	17.23	3	Horizontal	61	1.00	-	27.70	4.71	-
PK	2.4418G	120.20	Inf	-Inf	87.94	3	Horizontal	61	1.00	-	27.50	4.76	-
AV	2.4378G	113.79	Inf	-Inf	81.54	3	Horizontal	61	1.00	-	27.50	4.75	-
PK	2.4838G	65.80	74.00	-8.20	33.60	3	Horizontal	61	1.00	-	27.40	4.80	-
AV	2.4835G	51.61	54.00	-2.39	19.41	3	Horizontal	61	1.00	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

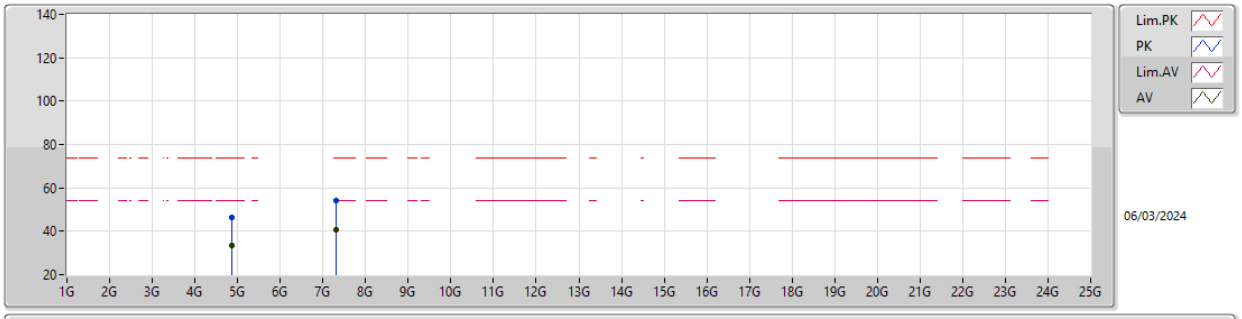


EUT Y_2TX
Setting 105
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87388G	46.82	74.00	-27.18	40.16	3	Vertical	341	1.92	-	31.30	6.73	31.37
AV	4.87396G	37.62	54.00	-16.38	30.96	3	Vertical	341	1.92	-	31.30	6.73	31.37
PK	7.3112G	54.48	74.00	-19.52	42.14	3	Vertical	57	1.02	-	36.60	8.34	32.60
AV	7.30452G	40.87	54.00	-13.13	28.52	3	Vertical	57	1.02	-	36.60	8.34	32.59

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2437MHz_TX

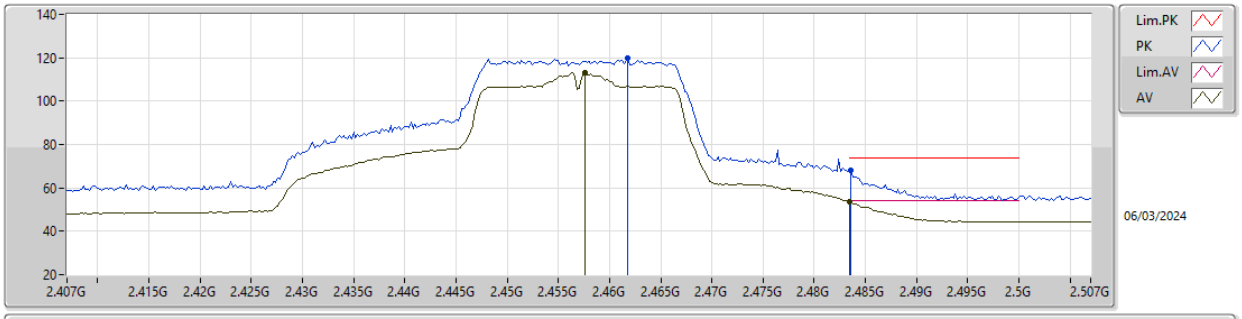


EUT Y_2TX
Setting 105
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86544G	46.15	74.00	-27.85	39.49	3	Horizontal	63	1.34	-	31.30	6.73	31.37
AV	4.87224G	33.39	54.00	-20.61	26.73	3	Horizontal	63	1.34	-	31.30	6.73	31.37
PK	7.30516G	54.29	74.00	-19.71	41.94	3	Horizontal	6	1.61	-	36.60	8.34	32.59
AV	7.3028G	40.74	54.00	-13.26	28.39	3	Horizontal	6	1.61	-	36.60	8.34	32.59

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

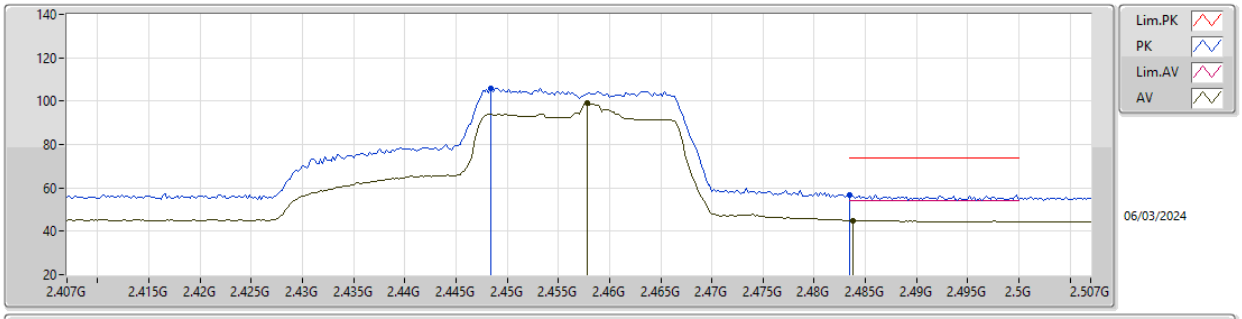


EUT Y_2TX
Setting 85
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4618G	119.89	Inf	-Inf	87.71	3	Vertical	81	1.86	-	27.40	4.78	-
AV	2.4576G	113.36	Inf	-Inf	81.17	3	Vertical	81	1.86	-	27.42	4.77	-
PK	2.4836G	68.33	74.00	-5.67	36.13	3	Vertical	81	1.86	-	27.40	4.80	-
AV	2.4835G	53.63	54.00	-0.37	21.43	3	Vertical	81	1.86	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2457MHz_TX

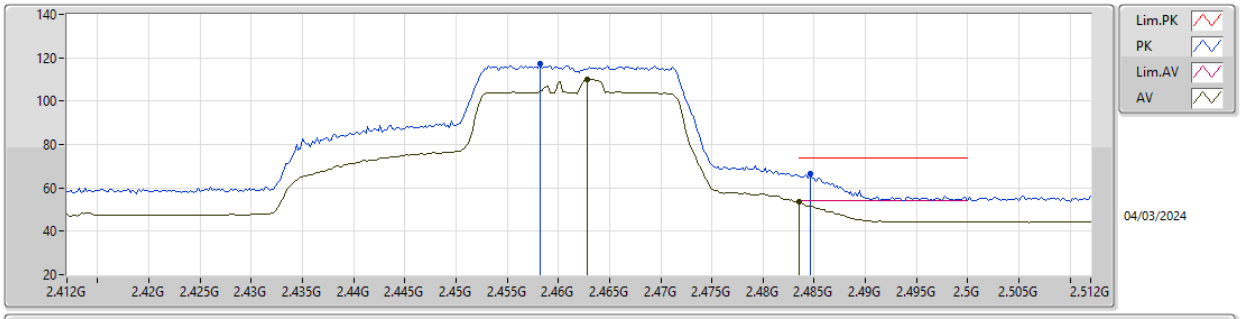


EUT Y_2TX
Setting 85
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4484G	106.12	Inf	-Inf	73.86	3	Horizontal	181	1.26	-	27.50	4.76	-
AV	2.4578G	98.99	Inf	-Inf	66.80	3	Horizontal	181	1.26	-	27.42	4.77	-
PK	2.4835G	56.90	74.00	-17.10	24.70	3	Horizontal	181	1.26	-	27.40	4.80	-
AV	2.4838G	45.03	54.00	-8.97	12.83	3	Horizontal	181	1.26	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

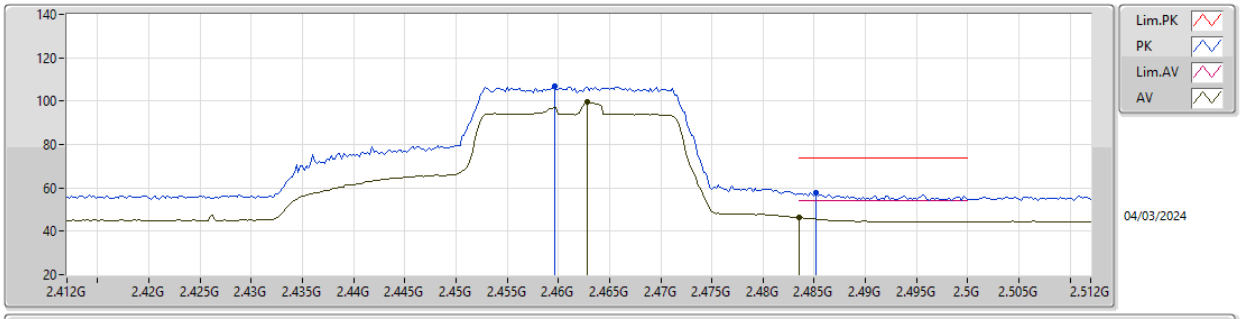


EUT Y_2TX
Setting 79
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4582G	117.12	Inf	-Inf	84.93	3	Vertical	76	1.80	-	27.42	4.77	-
AV	2.4628G	110.22	Inf	-Inf	78.04	3	Vertical	76	1.80	-	27.40	4.78	-
PK	2.4846G	66.66	74.00	-7.34	34.46	3	Vertical	76	1.80	-	27.40	4.80	-
AV	2.4835G	53.70	54.00	-0.30	21.50	3	Vertical	76	1.80	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

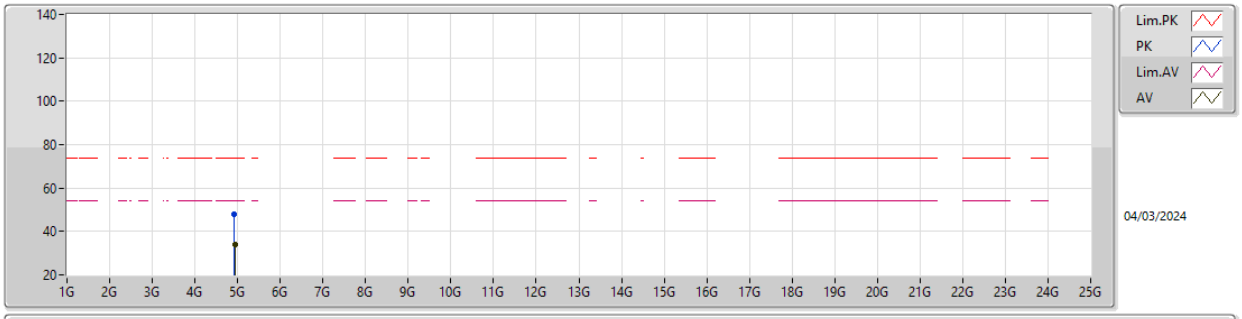


EUT Y_2TX
Setting 79
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4596G	107.10	Inf	-Inf	74.93	3	Horizontal	173	1.01	-	27.40	4.77	-
AV	2.4628G	99.73	Inf	-Inf	67.55	3	Horizontal	173	1.01	-	27.40	4.78	-
PK	2.4852G	57.64	74.00	-16.36	25.44	3	Horizontal	173	1.01	-	27.40	4.80	-
AV	2.4835G	46.45	54.00	-7.55	14.25	3	Horizontal	173	1.01	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

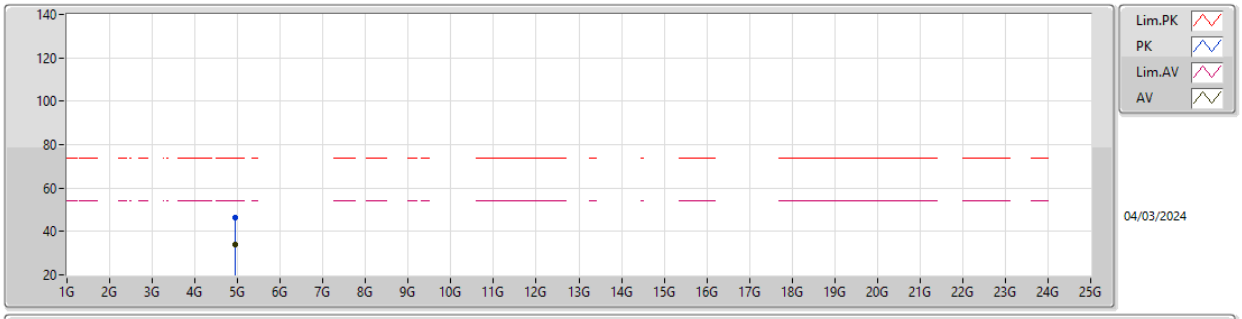


EUT Y_2TX
Setting 79
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.91476G	47.96	74.00	-26.04	41.17	3	Vertical	360	1.78	-	31.36	6.77	31.34
AV	4.93368G	33.90	54.00	-20.10	27.02	3	Vertical	360	1.78	-	31.43	6.78	31.33

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

2462MHz_TX

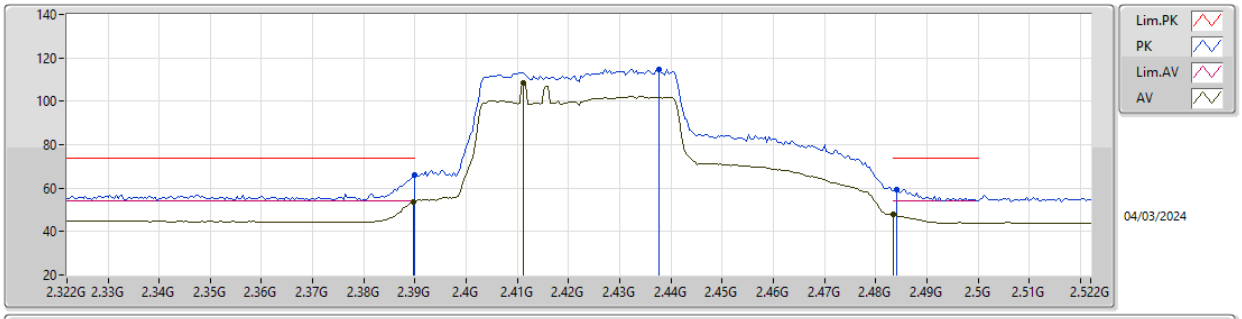


EUT Y_2TX
Setting 79
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9334G	46.22	74.00	-27.78	39.34	3	Horizontal	247	2.64	-	31.43	6.78	31.33
AV	4.93348G	34.07	54.00	-19.93	27.19	3	Horizontal	247	2.64	-	31.43	6.78	31.33

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

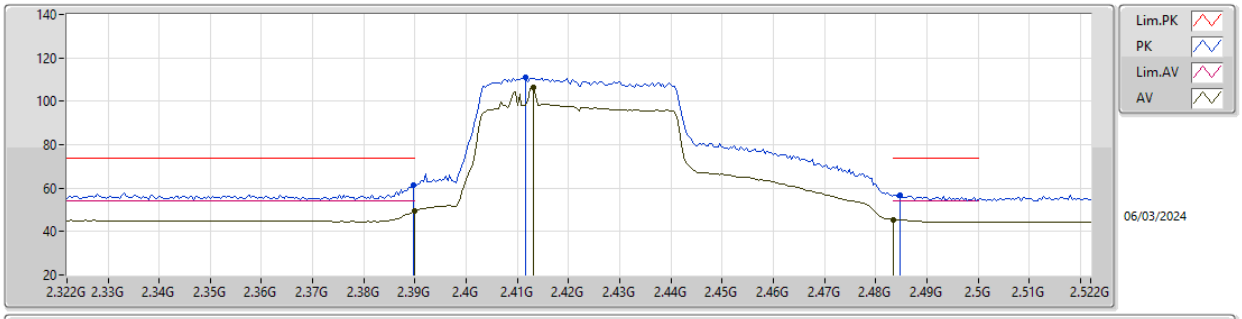


EUT Y_2TX
Setting 80
06-D-O-1

Type	Freq	Level	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	65.93	74.00	-8.07	33.52	3	Vertical	78	1.29	-	27.70	4.71	-
AV	2.3896G	53.72	54.00	-0.28	21.31	3	Vertical	78	1.29	-	27.70	4.71	-
PK	2.4376G	114.79	Inf	-Inf	82.54	3	Vertical	78	1.29	-	27.50	4.75	-
AV	2.4112G	108.70	Inf	-Inf	76.37	3	Vertical	78	1.29	-	27.60	4.73	-
PK	2.484G	59.30	74.00	-14.70	27.10	3	Vertical	78	1.29	-	27.40	4.80	-
AV	2.4835G	47.95	54.00	-6.05	15.75	3	Vertical	78	1.29	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

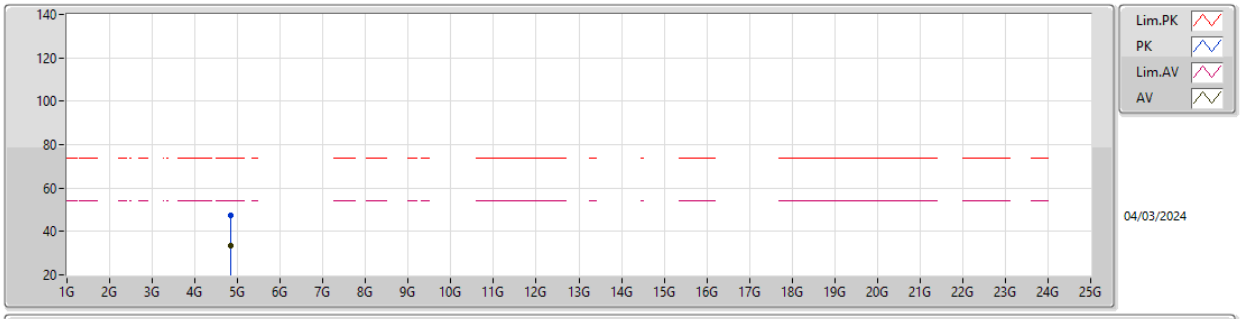


EUT Y_2TX
Setting 80
06-D-O-1

Type	Freq	Level	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	61.17	74.00	-12.83	28.76	3	Horizontal	128	1.02	-	27.70	4.71	-
AV	2.39G	49.41	54.00	-4.59	17.00	3	Horizontal	128	1.02	-	27.70	4.71	-
PK	2.4116G	111.01	Inf	-Inf	78.68	3	Horizontal	128	1.02	-	27.60	4.73	-
AV	2.4132G	106.23	Inf	-Inf	73.90	3	Horizontal	128	1.02	-	27.60	4.73	-
PK	2.4848G	56.92	74.00	-17.08	24.72	3	Horizontal	128	1.02	-	27.40	4.80	-
AV	2.4835G	45.50	54.00	-8.50	13.30	3	Horizontal	128	1.02	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

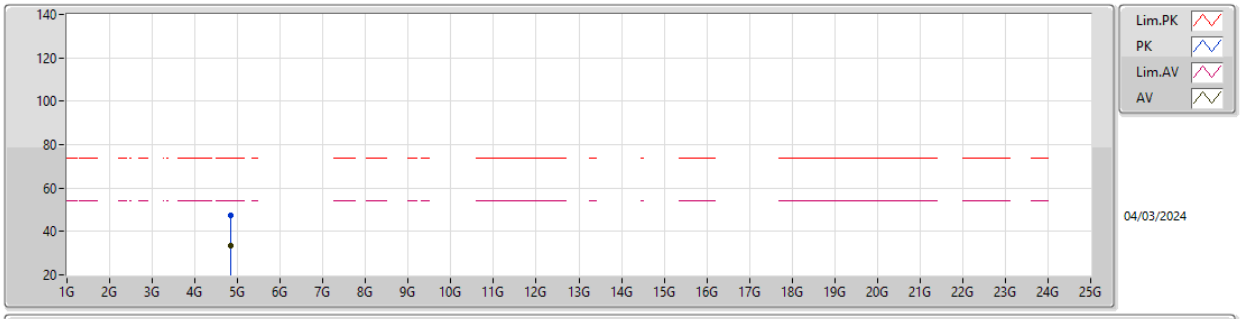


EUT Y_2TX
Setting 80
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8384G	47.21	74.00	-26.79	40.60	3	Vertical	114	1.80	-	31.30	6.70	31.39
AV	4.84612G	33.33	54.00	-20.67	26.71	3	Vertical	114	1.80	-	31.30	6.71	31.39

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2422MHz_TX

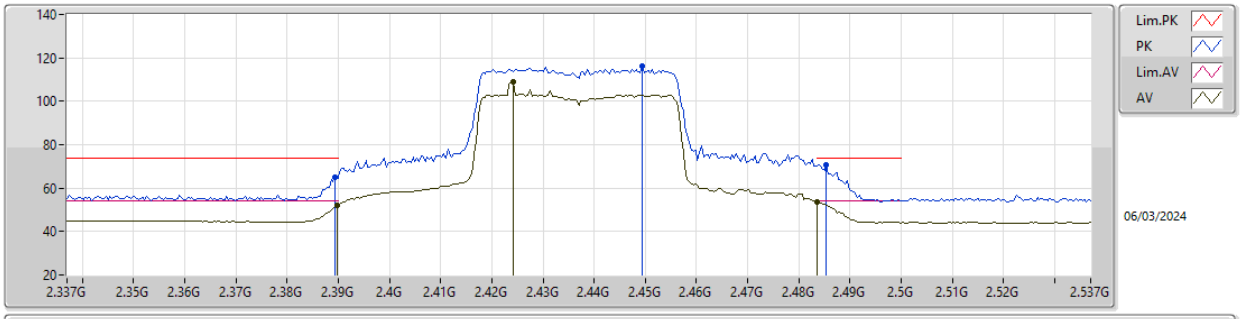


EUT Y_2TX
Setting 80
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84424G	47.46	74.00	-26.54	40.84	3	Horizontal	110	2.34	-	31.30	6.71	31.39
AV	4.84036G	33.20	54.00	-20.80	26.59	3	Horizontal	110	2.34	-	31.30	6.70	31.39

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

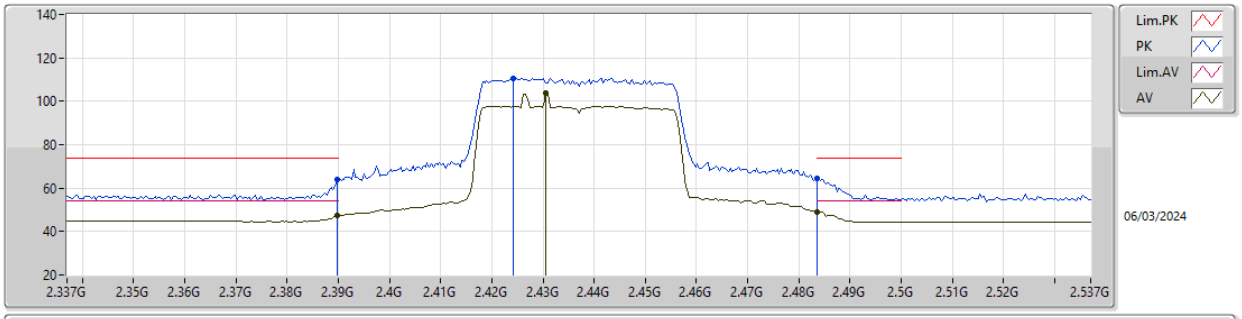


EUT Y_2TX
Setting 80
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3894G	64.94	74.00	-9.06	32.53	3	Vertical	91	1.80	-	27.70	4.71	-
AV	2.3898G	52.31	54.00	-1.69	19.90	3	Vertical	91	1.80	-	27.70	4.71	-
PK	2.4494G	116.22	Inf	-Inf	83.96	3	Vertical	91	1.80	-	27.50	4.76	-
AV	2.4242G	108.87	Inf	-Inf	76.57	3	Vertical	91	1.80	-	27.56	4.74	-
PK	2.4854G	70.72	74.00	-3.28	38.52	3	Vertical	91	1.80	-	27.40	4.80	-
AV	2.4835G	53.55	54.00	-0.45	21.35	3	Vertical	91	1.80	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

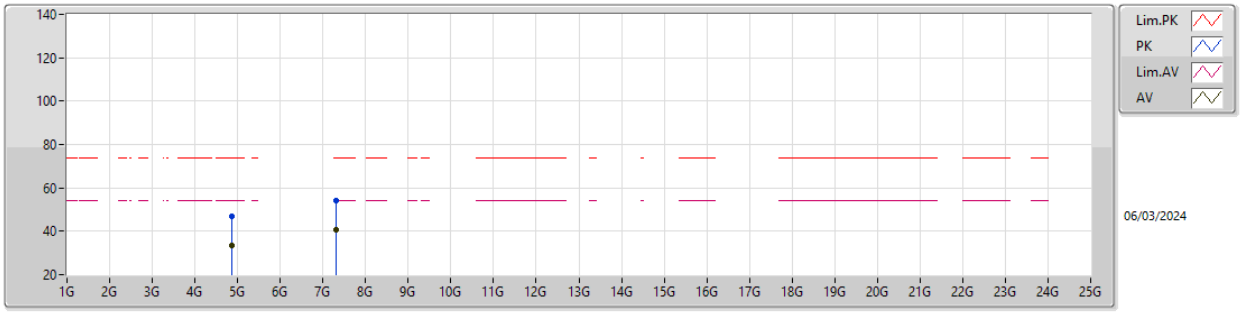


EUT Y_2TX
Setting 80
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.93	74.00	-10.07	31.52	3	Horizontal	129	1.12	-	27.70	4.71	-
AV	2.3898G	47.20	54.00	-6.80	14.79	3	Horizontal	129	1.12	-	27.70	4.71	-
PK	2.4242G	110.71	Inf	-Inf	78.41	3	Horizontal	129	1.12	-	27.56	4.74	-
AV	2.4306G	103.86	Inf	-Inf	71.61	3	Horizontal	129	1.12	-	27.50	4.75	-
PK	2.4835G	64.56	74.00	-9.44	32.36	3	Horizontal	129	1.12	-	27.40	4.80	-
AV	2.4835G	48.97	54.00	-5.03	16.77	3	Horizontal	129	1.12	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

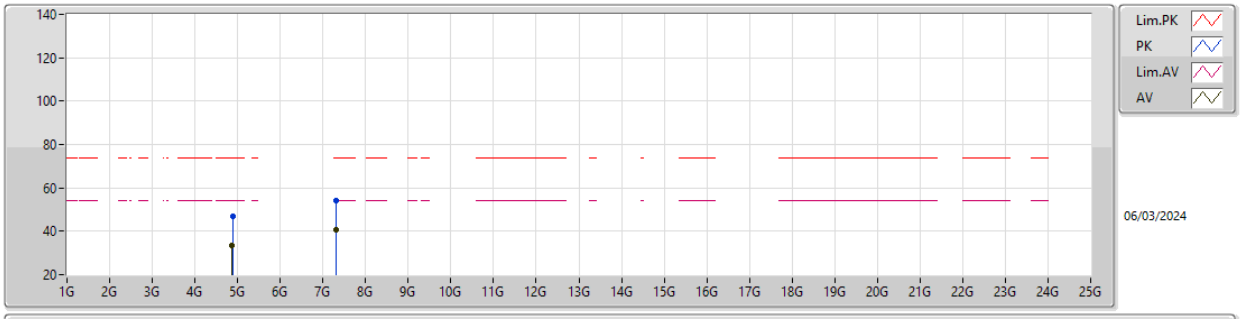


EUT Y_2TX
Setting 80
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87132G	46.70	74.00	-27.30	40.04	3	Vertical	360	1.80	-	31.30	6.73	31.37
AV	4.86588G	33.34	54.00	-20.66	26.68	3	Vertical	360	1.80	-	31.30	6.73	31.37
PK	7.31432G	54.11	74.00	-19.89	41.78	3	Vertical	150	2.90	-	36.60	8.34	32.61
AV	7.30408G	40.70	54.00	-13.30	28.35	3	Vertical	150	2.90	-	36.60	8.34	32.59

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2437MHz_TX

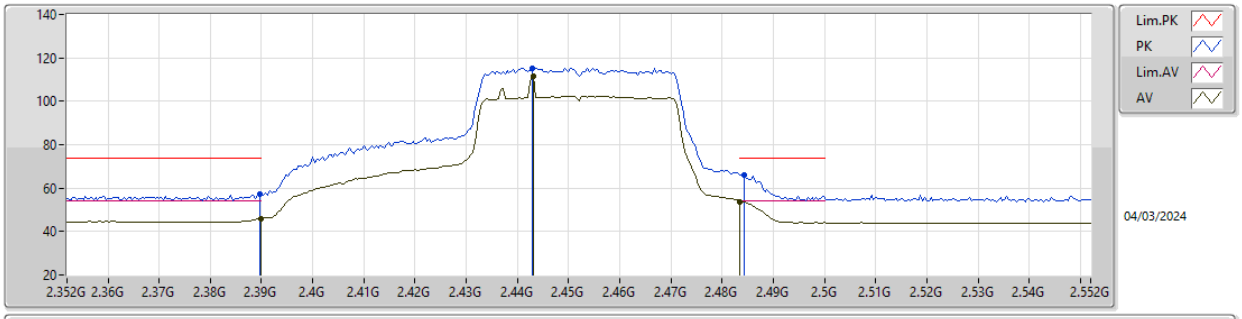


EUT Y_2TX
Setting 80
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.88292G	46.97	74.00	-27.03	40.29	3	Horizontal	1	2.17	-	31.30	6.74	31.36
AV	4.8654G	33.31	54.00	-20.69	26.65	3	Horizontal	1	2.17	-	31.30	6.73	31.37
PK	7.30128G	54.01	74.00	-19.99	41.66	3	Horizontal	132	2.70	-	36.60	8.34	32.59
AV	7.31256G	40.68	54.00	-13.32	28.34	3	Horizontal	132	2.70	-	36.60	8.34	32.60

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

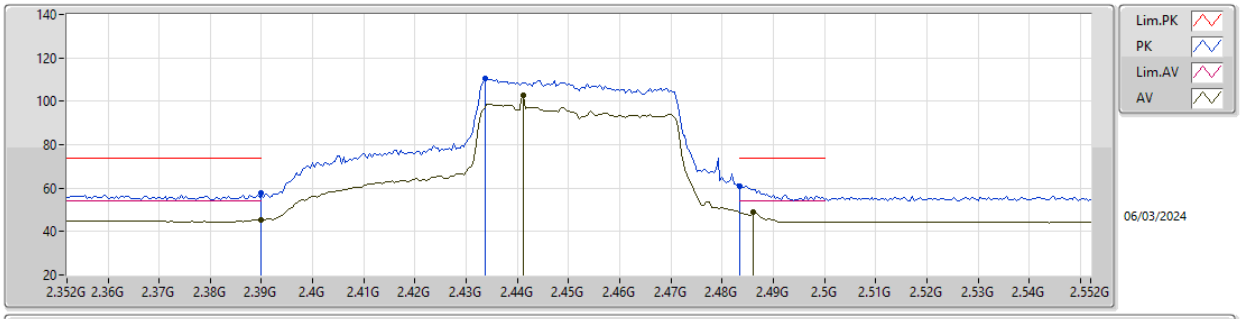


EUT Y_2TX
Setting 76
06-D-O-1

Type	Freq	Level	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	57.30	74.00	-16.70	24.89	3	Vertical	61	2.14	-	27.70	4.71	-
AV	2.39G	45.99	54.00	-8.01	13.58	3	Vertical	61	2.14	-	27.70	4.71	-
PK	2.4428G	115.39	Inf	-Inf	83.13	3	Vertical	61	2.14	-	27.50	4.76	-
AV	2.4432G	111.48	Inf	-Inf	79.22	3	Vertical	61	2.14	-	27.50	4.76	-
PK	2.4844G	66.19	74.00	-7.81	33.99	3	Vertical	61	2.14	-	27.40	4.80	-
AV	2.4835G	53.85	54.00	-0.15	21.65	3	Vertical	61	2.14	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

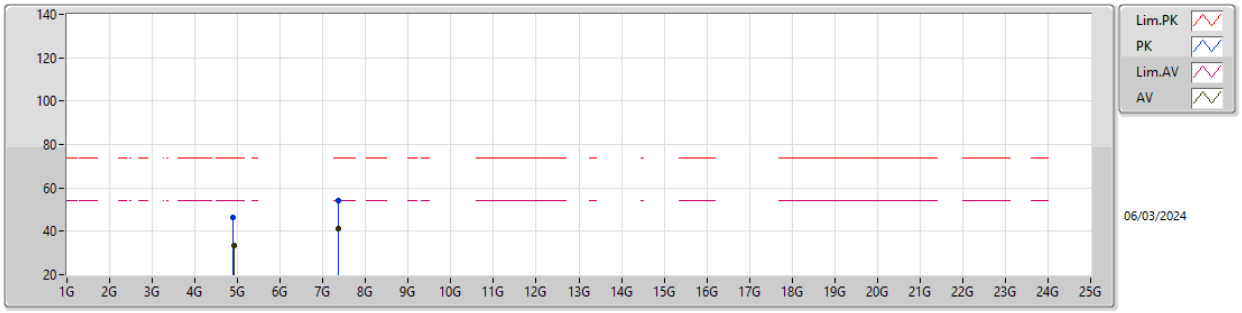


EUT Y_2TX
Setting 76
06-D-O-1

Type	Freq	Level	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	57.67	74.00	-16.33	25.26	3	Horizontal	283	1.00	-	27.70	4.71	-
AV	2.39G	45.57	54.00	-8.43	13.16	3	Horizontal	283	1.00	-	27.70	4.71	-
PK	2.4336G	110.54	Inf	-Inf	78.29	3	Horizontal	283	1.00	-	27.50	4.75	-
AV	2.4412G	102.61	Inf	-Inf	70.35	3	Horizontal	283	1.00	-	27.50	4.76	-
PK	2.4835G	60.64	74.00	-13.36	28.44	3	Horizontal	283	1.00	-	27.40	4.80	-
AV	2.486G	48.87	54.00	-5.13	16.67	3	Horizontal	283	1.00	-	27.40	4.80	-

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX

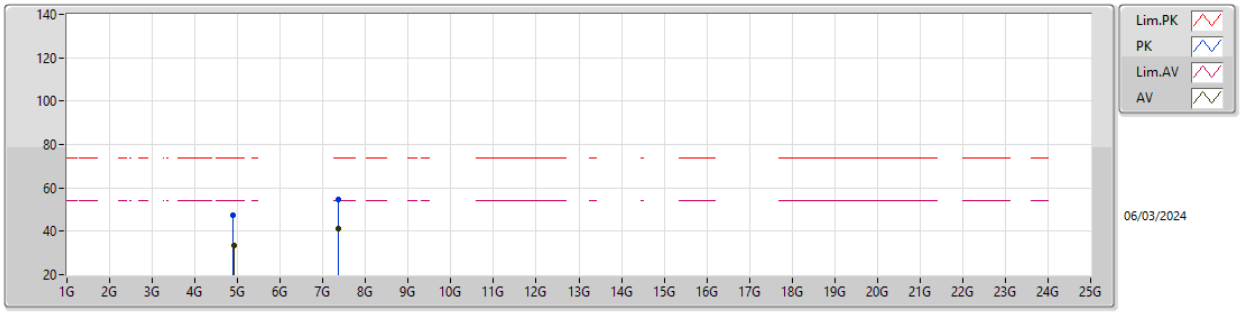


EUT Y_2TX
Setting 76
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90264G	46.43	74.00	-27.57	39.71	3	Vertical	144	2.49	-	31.31	6.76	31.35
AV	4.91264G	33.50	54.00	-20.50	26.72	3	Vertical	144	2.49	-	31.35	6.77	31.34
PK	7.3652G	54.00	74.00	-20.00	41.74	3	Vertical	180	1.48	-	36.60	8.34	32.68
AV	7.3652G	41.06	54.00	-12.94	28.80	3	Vertical	180	1.48	-	36.60	8.34	32.68

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

2452MHz_TX



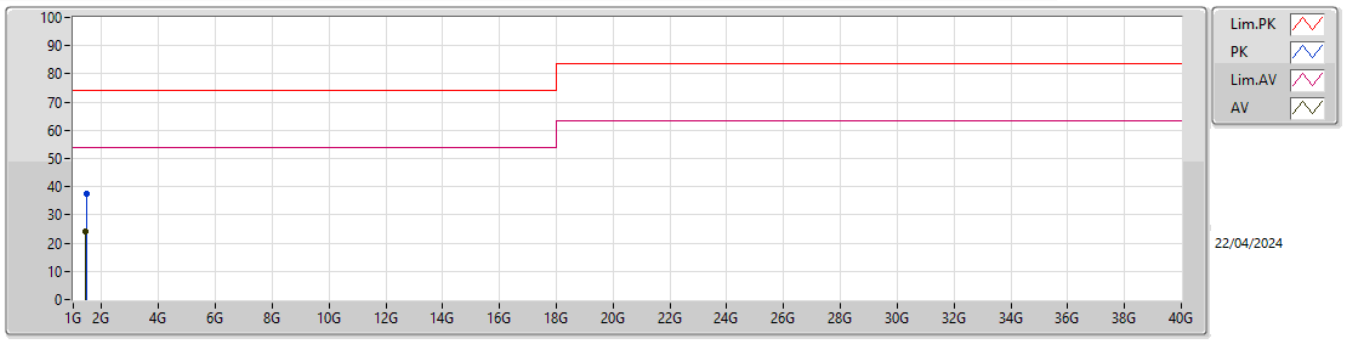
EUT Y_2TX
Setting 76
06-D-O-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.9032G	47.35	74.00	-26.65	40.63	3	Horizontal	268	1.10	-	31.31	6.76	31.35
AV	4.9136G	33.50	54.00	-20.50	26.72	3	Horizontal	268	1.10	-	31.35	6.77	31.34
PK	7.35752G	54.77	74.00	-19.23	42.50	3	Horizontal	149	2.00	-	36.60	8.34	32.67
AV	7.362G	41.11	54.00	-12.89	28.84	3	Horizontal	149	2.00	-	36.60	8.34	32.67

Summary

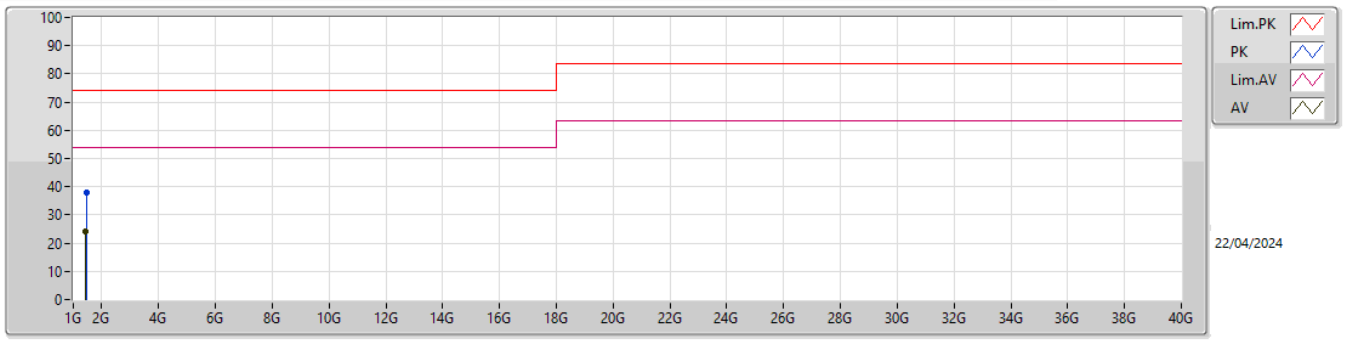
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.44523G	24.20	54.00	-29.80	Horizontal

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	1.45129G	37.50	74.00	-36.50	-5.60	3	Vertical	88	1.00	-	43.10	25.19	3.77	34.56
AV	1.44722G	24.03	54.00	-29.97	-5.57	3	Vertical	88	1.00	"Worst"	29.60	25.23	3.76	34.56

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	1.45373G	38.00	74.00	-36.00	-5.63	3	Horizontal	75	1.00	-	43.63	25.16	3.77	34.56
AV	1.44523G	24.20	54.00	-29.80	-5.55	3	Horizontal	75	1.00	"Worst"	29.75	25.25	3.76	34.56