Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	N89-711C341XV1
Equipment	:	BE11000 Wireless Tri Band Ceiling Mount Access Point
Brand Name	:	SonicFi
Model Name	:	RAP7110C-341X
Applicant	:	CyberTAN Technology Inc. No. 99, Park Avenue III Science-based Industrial Park Hsinchu Taiwan 308
Manufacturer	:	CyberTAN Technology Inc. No. 99, Park Avenue III Science-based Industrial Park Hsinchu Taiwan 308
Standard	:	47 CFR FCC Part 15.247

The product was received on May 14, 2024, and testing was started from May 14, 2024 and completed on Jul. 18, 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
FR450311AA	01	Initial issue of report	Aug. 27, 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: Cathy Chiu

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20), 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 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	1	-	-	Galtronics	02102073-08050-1	Dipole Antenna	I-PEX	Note1
2	2	-	-	Galtronics	02102073-08050-2	Dipole Antenna	I-PEX	
3	-	1	-	Galtronics	02102142-08050-1	Dipole Antenna	I-PEX	
4	-	2	-	Galtronics	02102142-08050-2	Dipole Antenna	I-PEX	
5	-	-	1	Galtronics	02102475-08050-1	Dipole Antenna	I-PEX	
6	-	-	2	Galtronics	02102475-08050-2	Dipole Antenna	I-PEX	

Note1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8
1	2.45	-	-	-	-	-	-	-	-
2	2.65	-	-	-	-	-	-	-	-
3	-	1.53	2.17	2.17	2.16	-	-	-	-
4	-	3.55	3.55	3.53	3.23	-	-	-	-
5	-	-	-	-	-	2.07	2.24	1.99	2.10
6	-	-	-	-	-	2.55	2.42	2.65	2.15

Note2: The above information was declared by manufacturer.
Note3: The lowest gain is 1.63dBi at 6GHz.

Note4: Directional gain information

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

Ex.

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

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

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

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

Where ;

2.4G G1=2.45 dBi; G2 = 2.65 dBi;

5G UNII-1 G1=1.53 dBi; G2 = 3.55 dBi;

5G UNII-2A G1=2.17 dBi; G2 = 3.55 dBi;

5G UNII-2C G1=2.17 dBi; G2 = 3.53 dBi;

5G UNII-3 G1=2.16 dBi; G2 = 3.23dBi;

2.4G DG=5.56 dBi;

5G UNII-1 DG=5.61 dBi;

5G UNII-2A DG=5.90 dBi;

5G UNII-2C DG=5.89 dBi;

5G UNII-3 DG=5.72dBi;

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 (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz function:
For IEEE 802.11ax/be (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 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)	0.862	0.64	688.75u	3k
802.11g_Nss 1,(6D)	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.954	0.2	3.727m	300
802.11be EHT40-BF_Nss 1,(M0)	0.954	0.2	3.726m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
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	For Non-beamforming mode: QSPR V6.00.00114.1 For Beamforming mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Owen Hsu	23.3~24.8 / 61~64	May 16, 2024~ Jul. 02, 2024
Radiated below 1GHz	03CH06-CB	Gordon Hung	21.7~22.9 / 58~62	Jul. 18, 2024
Radiated above 1GHz	03CH01-CB	Gordon Hung	22.6~23.2 / 59~63	May 14, 2024~ Jun. 29, 2024
	03CH02-CB	Gordon Hung	22.3~22.9 / 57~63	May 14, 2024~ Jun. 29, 2024
	03CH03-CB	Gordon Hung	22.4~23.9 / 59~60	May 14, 2024~ Jun. 29, 2024
AC Conduction	CO01-CB	Elvin Yeh	22~23 / 52~53	May 29, 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 Date: Before May 28, 2024

Test Items	Uncertainty	Remark
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%

Test Date: After May 27, 2024

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 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	2.1 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

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

Note:
- Evaluated EHT20/EHT40 mode only due to the similar modulation. The power setting of HT20/HT40/ VHT20/VHT40/HEW20/HEW40 mode are 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	EUT + Adapter
2	EUT + PoE
For operating mode 1 is the worst case and it was record in this test report.	

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA450311 for Co-location RF Exposure Evaluation.	

Note: The PoE below is for measurement only, would not be marketed.
The PoE information as below:

Support Unit	Brand Name	Model Number
PoE	Delta	ADH-65AR N

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter	Ktec	KSA-30W-120250VU	INPUT:100-240V ~ 50/60Hz, 1.0A OUTPUT: 12V, 2.5A
Other			
Mounting kit*1			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	10G LAN PC	DELL	OPTIPLEX 3010	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	6G NB	DELL	E7240	N/A
E	6G Device	INTEL	BE200	PD9BE200NG

For Radiated (below 1GHz) and Radiated (above 1GHz) / Non-beamforming mode:

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

For Radiated (above 1GHz) / Beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Client	SonicFi	RAP7110C-341X	N/A
C	Notebook	DELL	E4300	N/A

For RF Conducted / Non-beamforming mode:

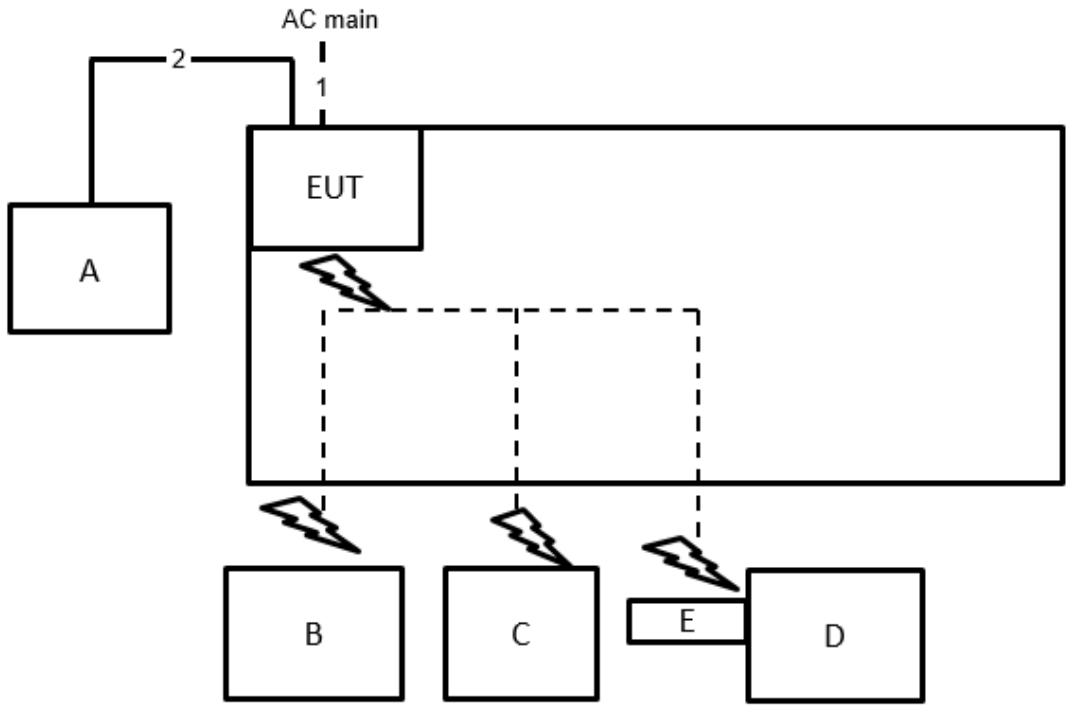
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For RF Conducted / Beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Client	SonicFi	RAP7110C-341X	N/A

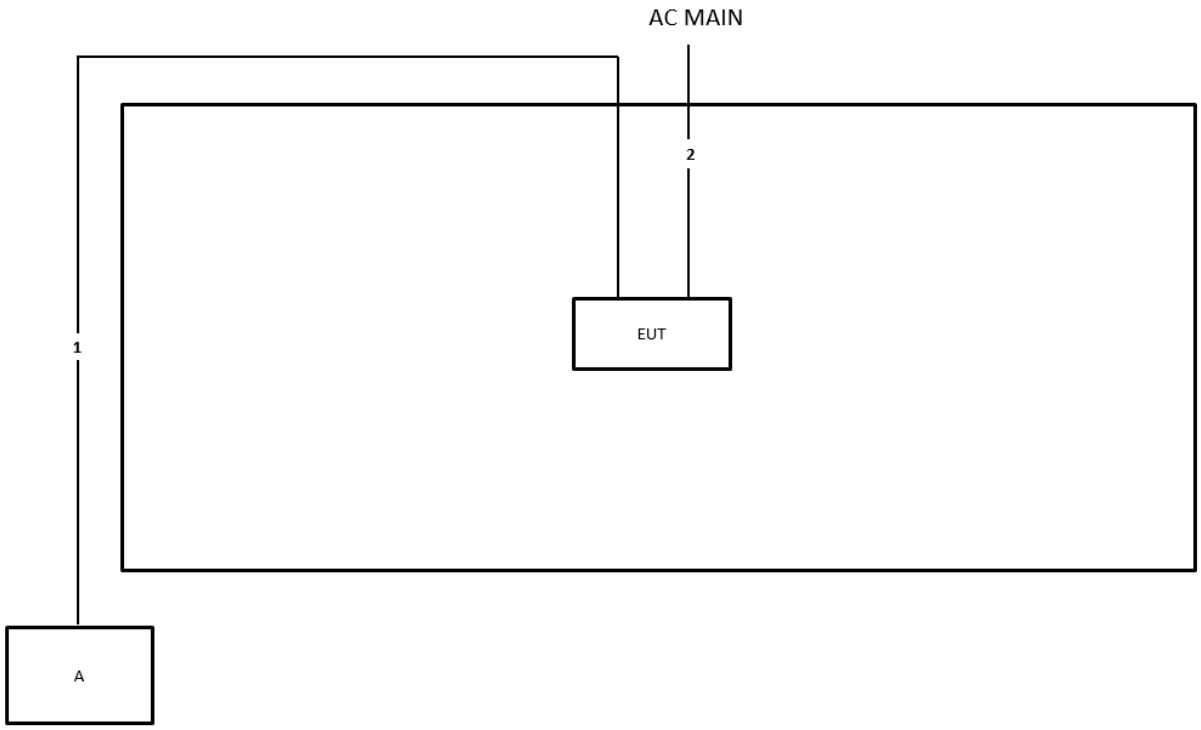
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



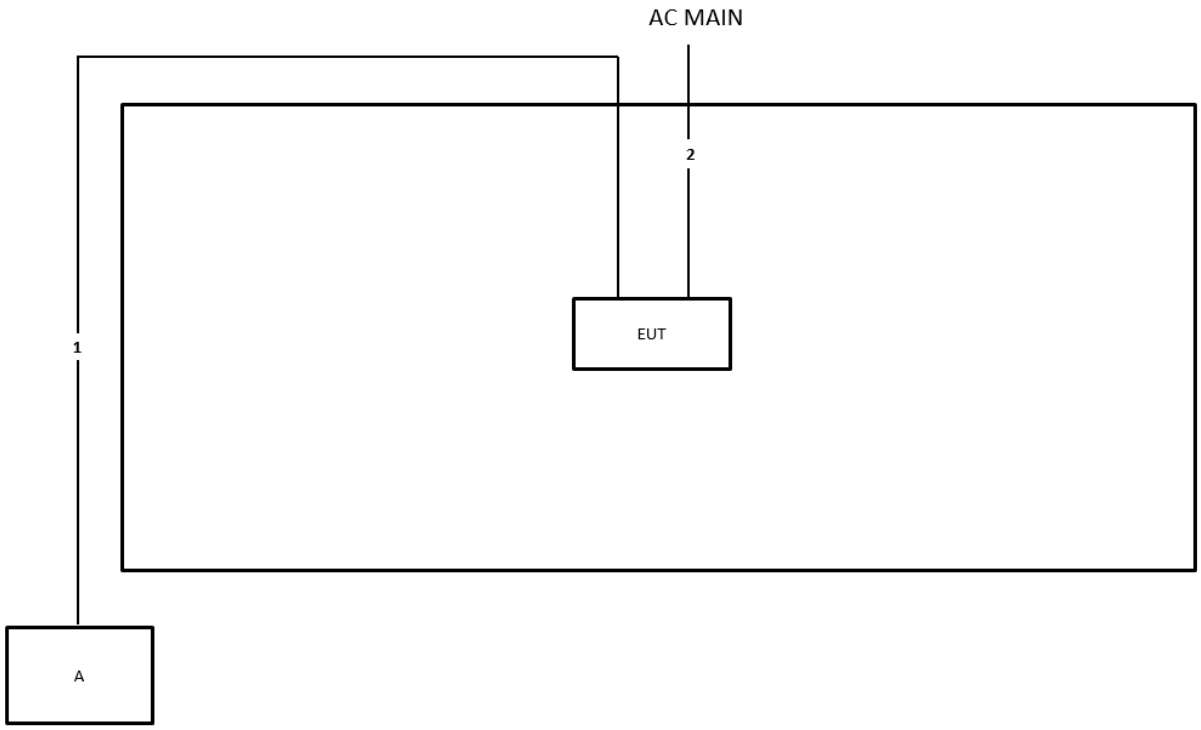
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



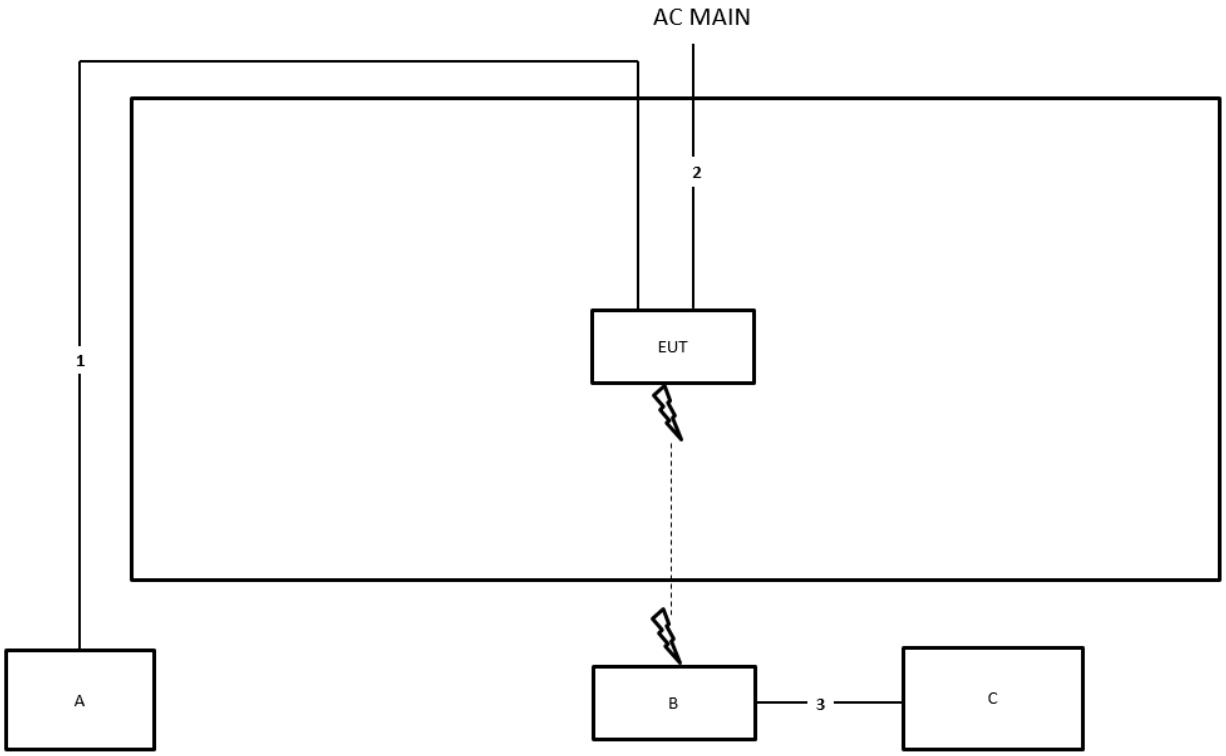
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.5m

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



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

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



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

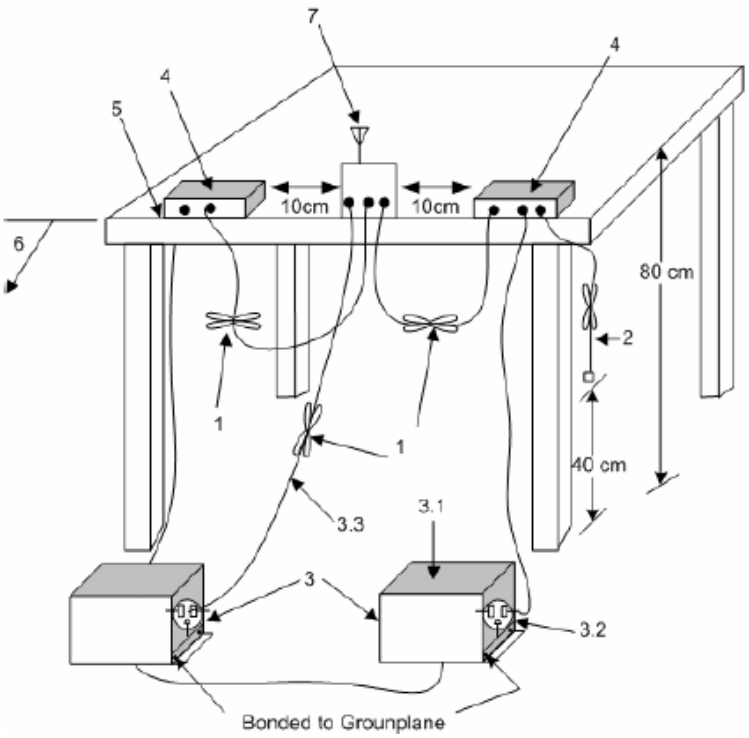
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

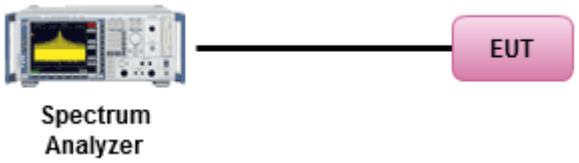
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

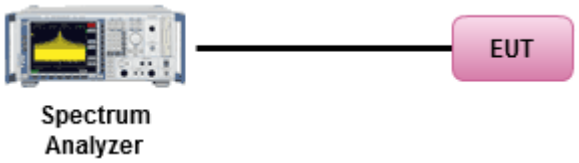
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

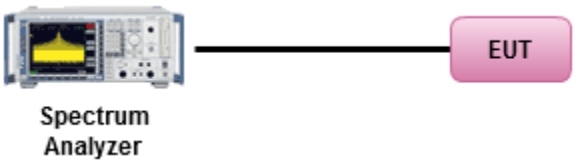
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands


3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

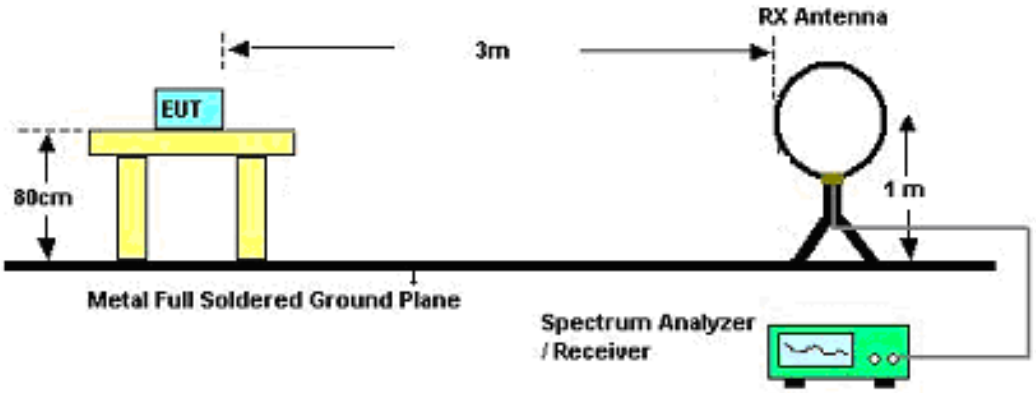
3.6.3 Test Procedures

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

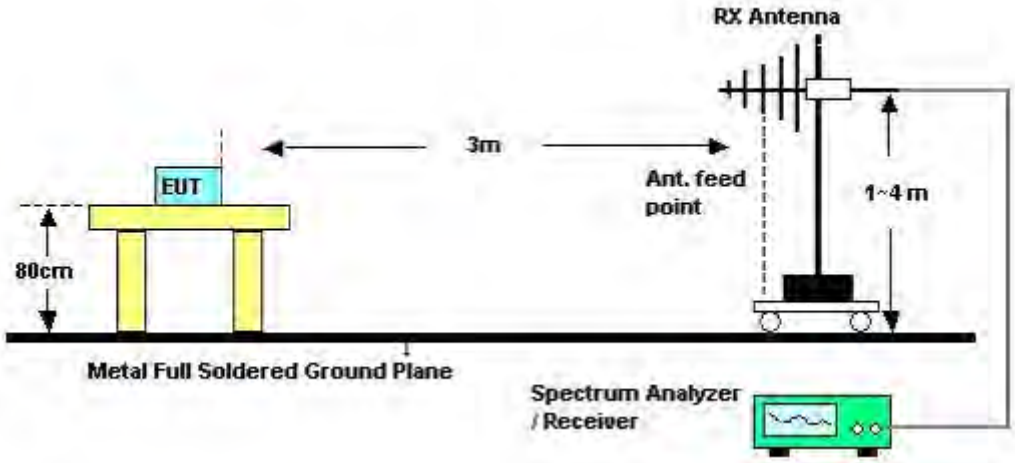
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

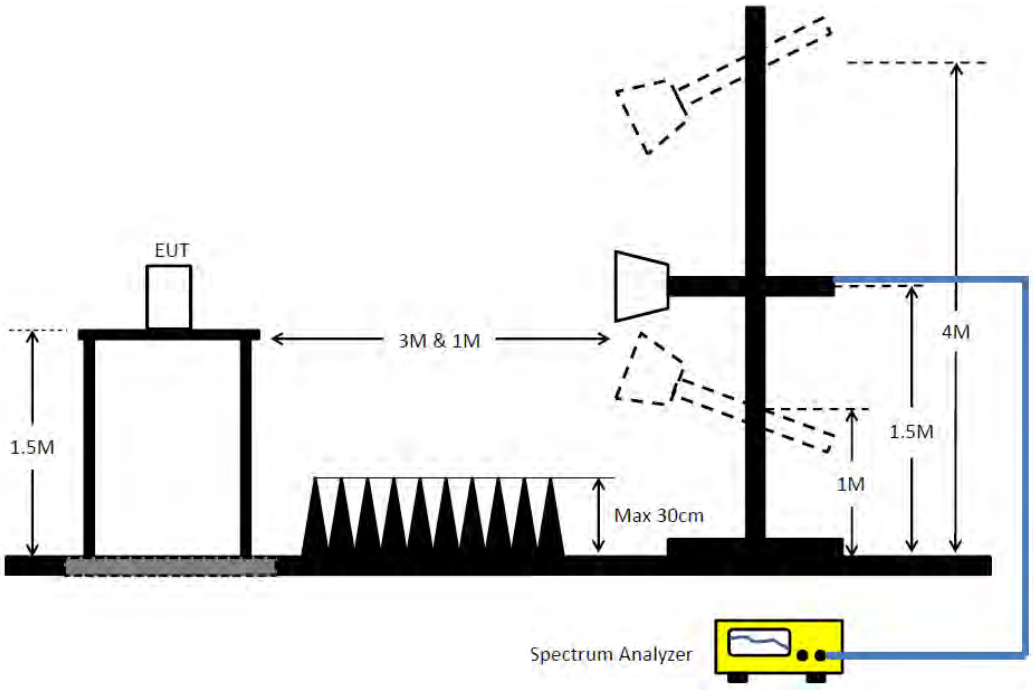
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 03, 2023	Aug. 02, 2024	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 30, 2023	Jul. 29, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 03, 2023	Nov. 02, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 20, 2023	Oct. 19, 2024	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-24+68	30MHz~1GHz	Oct. 02, 2023	Oct. 01, 2024	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	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Jul. 24, 2023	Jul. 23, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	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)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 12, 2023	Jun. 11, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	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	100979	9kHz~40GHz	May 29, 2023	May 28, 2024	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)

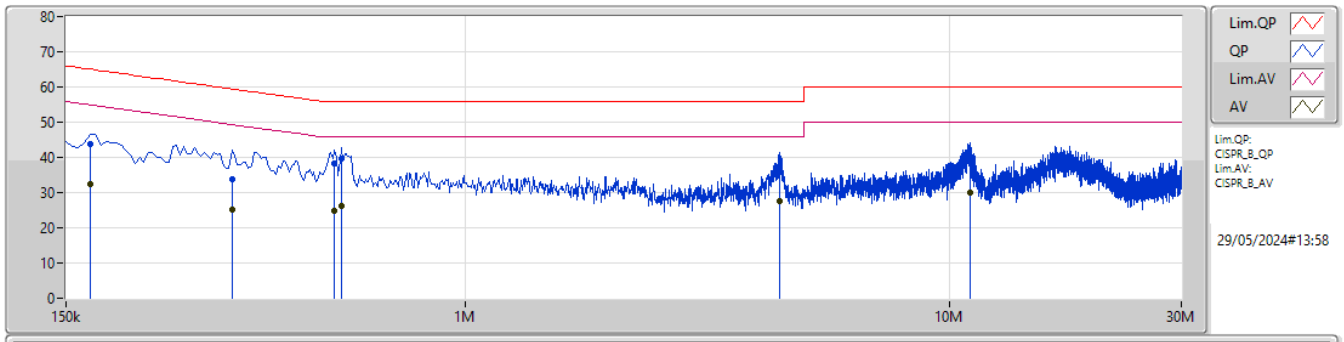
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Switch	SPTCB	SP-SWI	SWI-01	1~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Mar. 04, 2024	Mar. 03, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

Summary

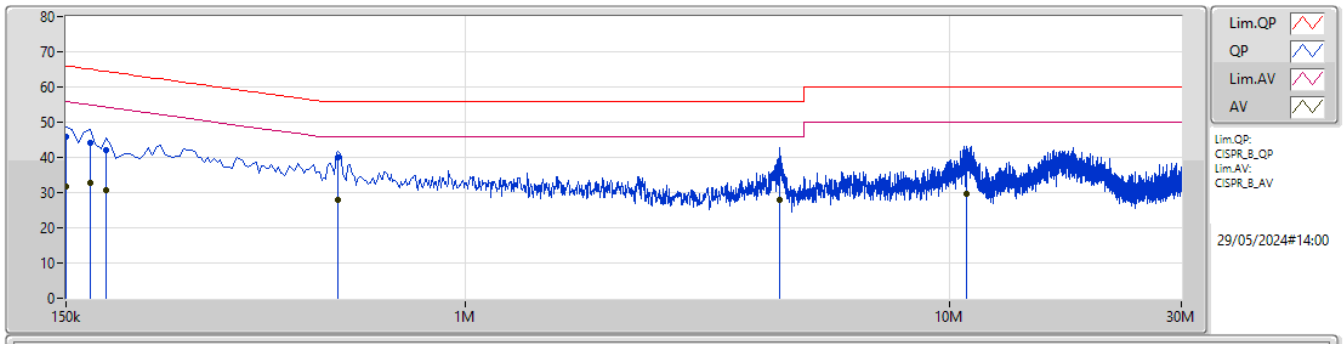
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	546k	40.03	56.00	-15.97	Neutral

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	43.66	65.06	-21.40	9.92	Line	-	33.74	0.04	0.02	9.86
AV	168k	32.55	55.06	-22.51	9.92	Line	-	22.63	0.04	0.02	9.86
QP	330k	33.75	59.44	-25.69	9.95	Line	-	23.80	0.05	0.02	9.88
AV	330k	25.25	49.44	-24.19	9.95	Line	-	15.30	0.05	0.02	9.88
QP	537k	38.31	56.00	-17.69	9.98	Line	-	28.33	0.06	0.02	9.90
AV	537k	24.92	46.00	-21.08	9.98	Line	-	14.94	0.06	0.02	9.90
QP	555k	39.76	56.00	-16.24	9.98	Line	"Worst"	29.78	0.06	0.02	9.90
AV	555k	26.28	46.00	-19.72	9.98	Line	-	16.30	0.06	0.02	9.90
QP	4.457M	37.40	56.00	-18.60	10.18	Line	-	27.22	0.14	0.14	9.90
AV	4.457M	27.68	46.00	-18.32	10.18	Line	-	17.50	0.14	0.14	9.90
QP	11.018M	38.98	60.00	-21.02	10.31	Line	-	28.67	0.24	0.15	9.92
AV	11.018M	30.06	50.00	-19.94	10.31	Line	-	19.75	0.24	0.15	9.92

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	45.80	66.00	-20.20	9.95	Neutral	-	35.85	0.06	0.02	9.87
AV	150k	31.81	56.00	-24.19	9.95	Neutral	-	21.86	0.06	0.02	9.87
QP	168k	44.17	65.06	-20.89	9.94	Neutral	-	34.23	0.06	0.02	9.86
AV	168k	32.70	55.06	-22.36	9.94	Neutral	-	22.76	0.06	0.02	9.86
QP	181.5k	42.06	64.41	-22.35	9.94	Neutral	-	32.12	0.06	0.02	9.86
AV	181.5k	30.53	54.41	-23.88	9.94	Neutral	-	20.59	0.06	0.02	9.86
QP	546k	40.03	56.00	-15.97	9.99	Neutral	"Worst"	30.04	0.07	0.02	9.90
AV	546k	27.82	46.00	-18.18	9.99	Neutral	-	17.83	0.07	0.02	9.90
QP	4.461M	37.81	56.00	-18.19	10.18	Neutral	-	27.63	0.14	0.14	9.90
AV	4.461M	28.07	46.00	-17.93	10.18	Neutral	-	17.89	0.14	0.14	9.90
QP	10.824M	38.78	60.00	-21.22	10.32	Neutral	-	28.46	0.25	0.15	9.92
AV	10.824M	29.75	50.00	-20.25	10.32	Neutral	-	19.43	0.25	0.15	9.92

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.25M	13.252M	13M3G1D	6.625M	13.084M
802.11g_Nss1,(6Mbps)_2TX	16.3M	16.794M	16M8D1D	15.45M	16.453M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.175M	18.908M	18M9D1D	13.3M	18.808M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	37.7M	37.902M	37M9D1D	15.9M	37.521M

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

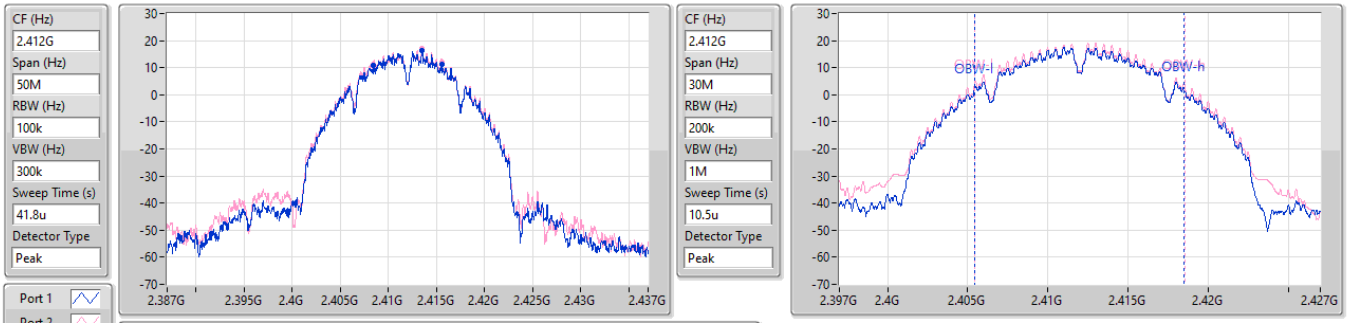
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	13.084M	7.125M	13.135M
2437MHz	Pass	500k	7.825M	13.099M	8.075M	13.184M
2462MHz	Pass	500k	8.25M	13.104M	6.625M	13.252M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.975M	16.453M	16.3M	16.749M
2437MHz	Pass	500k	16.3M	16.461M	15.45M	16.794M
2462MHz	Pass	500k	15.825M	16.66M	16.3M	16.719M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.825M	18.825M	13.3M	18.894M
2437MHz	Pass	500k	17.175M	18.908M	16.975M	18.865M
2462MHz	Pass	500k	14.25M	18.808M	15.85M	18.838M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	15.9M	37.664M	37.25M	37.521M
2437MHz	Pass	500k	18.9M	37.902M	16.15M	37.635M
2452MHz	Pass	500k	37.7M	37.625M	16.9M	37.874M

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

16/05/2024

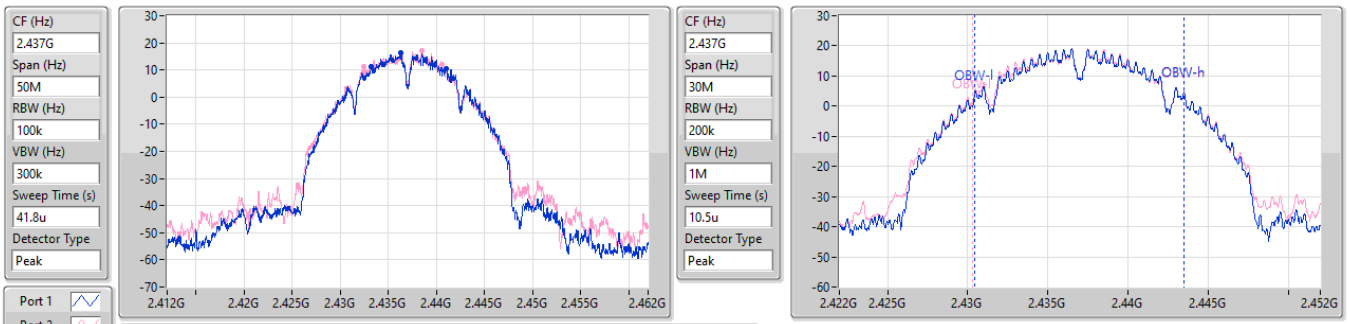


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.075M	2.408475G	2.41555G	13.084M	2.405428G	2.418512G	500k	1
7.125M	2.408425G	2.41555G	13.135M	2.405417G	2.418552G	500k	2

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

2437MHz

16/05/2024

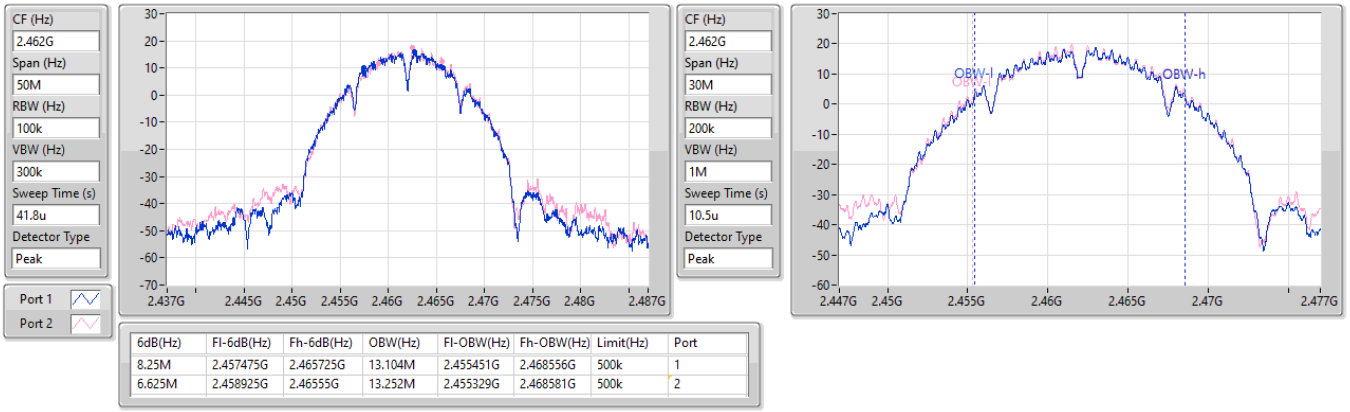


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.825M	2.433225G	2.44105G	13.099M	2.430417G	2.443516G	500k	1
8.075M	2.432475G	2.44055G	13.184M	2.430306G	2.44349G	500k	2

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

2462MHz

16/05/2024

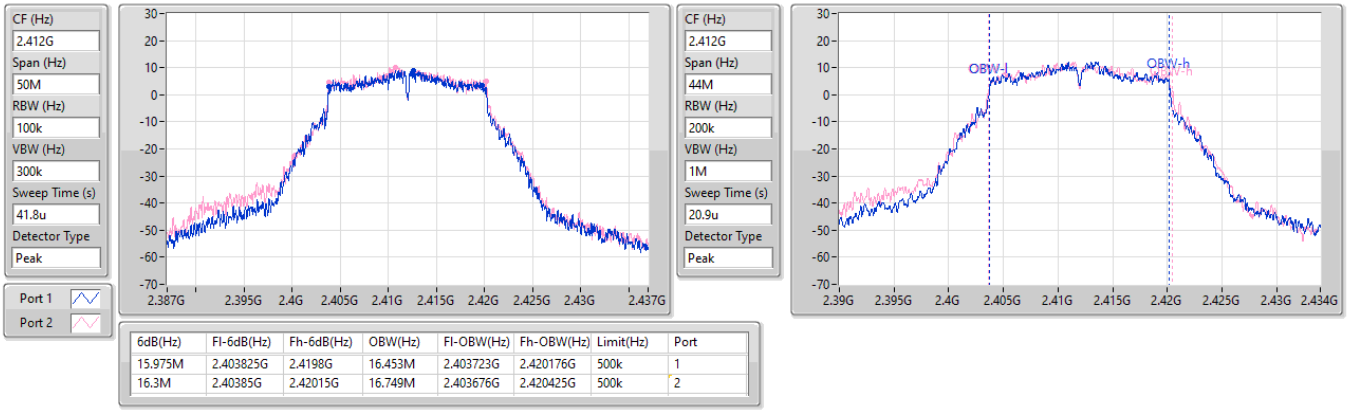


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.25M	2.457475G	2.465725G	13.104M	2.455451G	2.468556G	500k	1
6.625M	2.458925G	2.46555G	13.252M	2.455329G	2.468581G	500k	2

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

2412MHz

16/05/2024

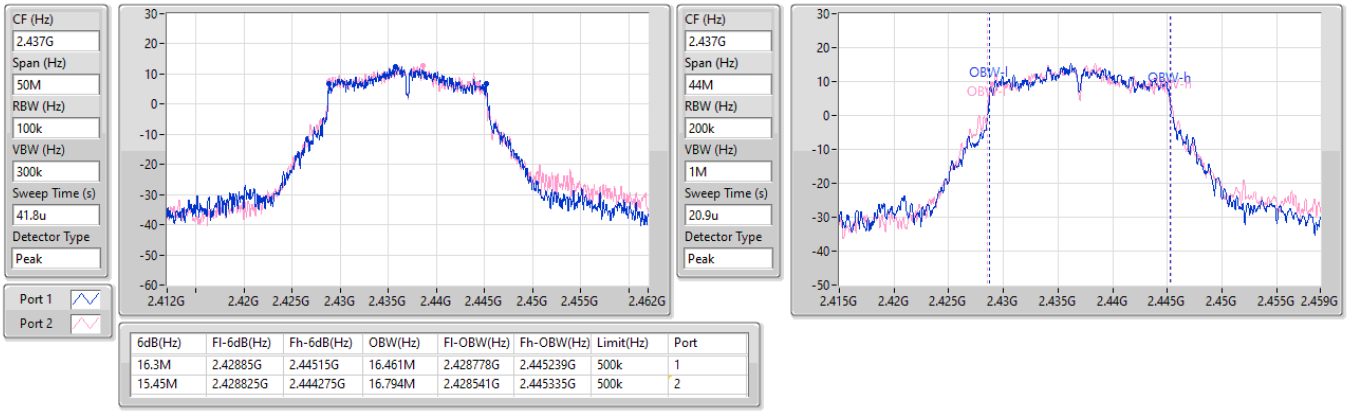


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.975M	2.403825G	2.4198G	16.453M	2.403723G	2.420176G	500k	1
16.3M	2.40385G	2.42015G	16.749M	2.403676G	2.420425G	500k	2

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

2437MHz

16/05/2024

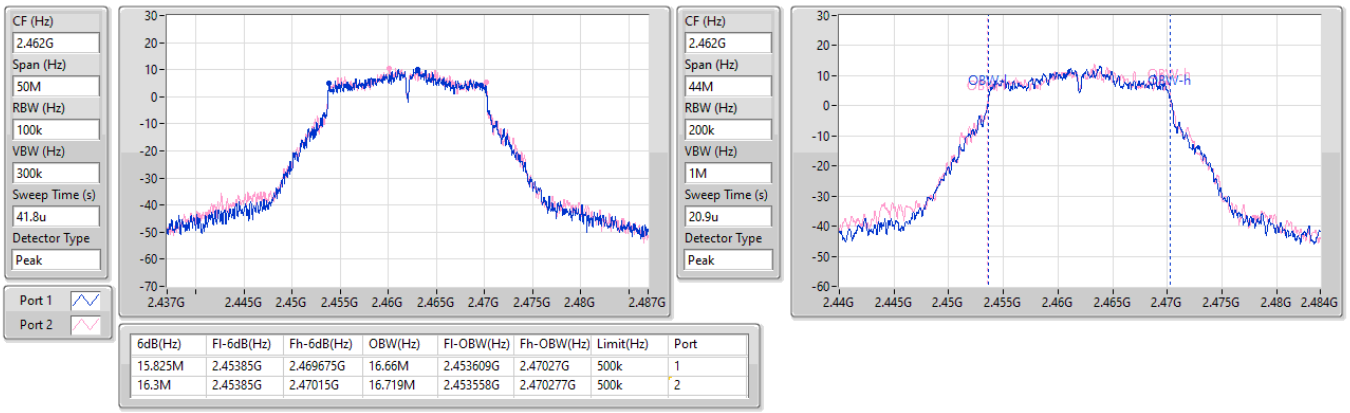


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	2.42885G	2.44515G	16.461M	2.428778G	2.445239G	500k	1
15.45M	2.428825G	2.444275G	16.794M	2.428541G	2.445335G	500k	2

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

2462MHz

16/05/2024

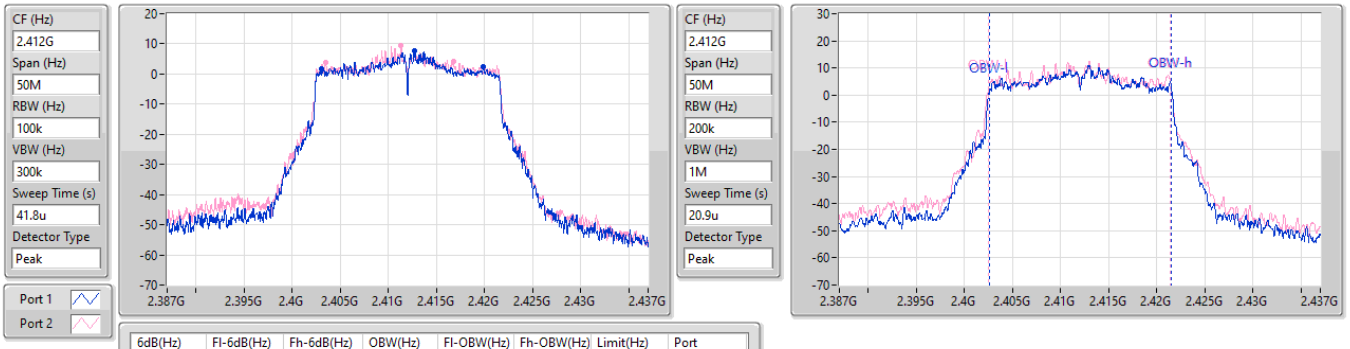


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.825M	2.45385G	2.469675G	16.66M	2.453609G	2.47027G	500k	1
16.3M	2.45385G	2.47015G	16.719M	2.453558G	2.470277G	500k	2

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

2412MHz

16/05/2024

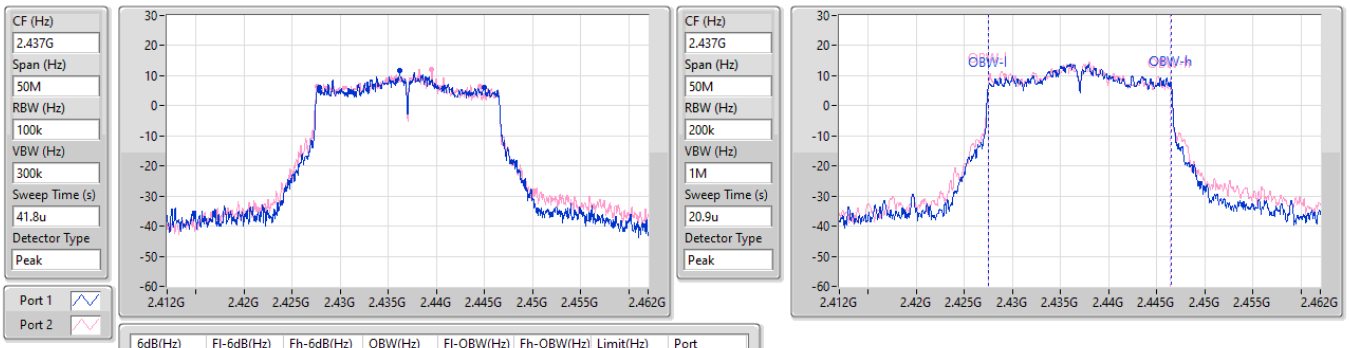


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.825M	2.403075G	2.4199G	18.825M	2.40265G	2.421475G	500k	1
13.3M	2.403475G	2.416775G	18.894M	2.402547G	2.421441G	500k	2

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

2437MHz

16/05/2024

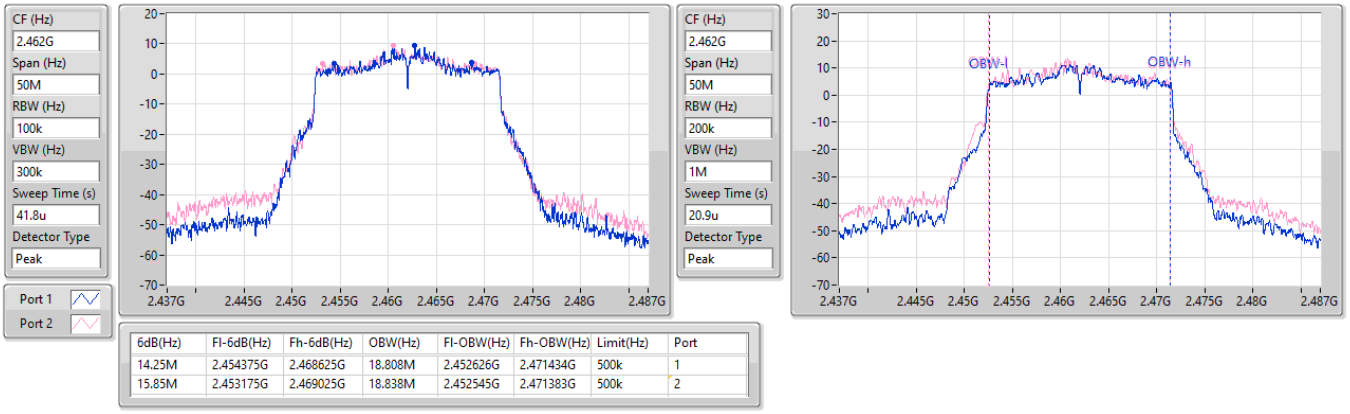


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.175M	2.427825G	2.445G	18.908M	2.427548G	2.446455G	500k	1
16.975M	2.4276G	2.444575G	18.865M	2.427549G	2.446413G	500k	2

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

2462MHz

16/05/2024

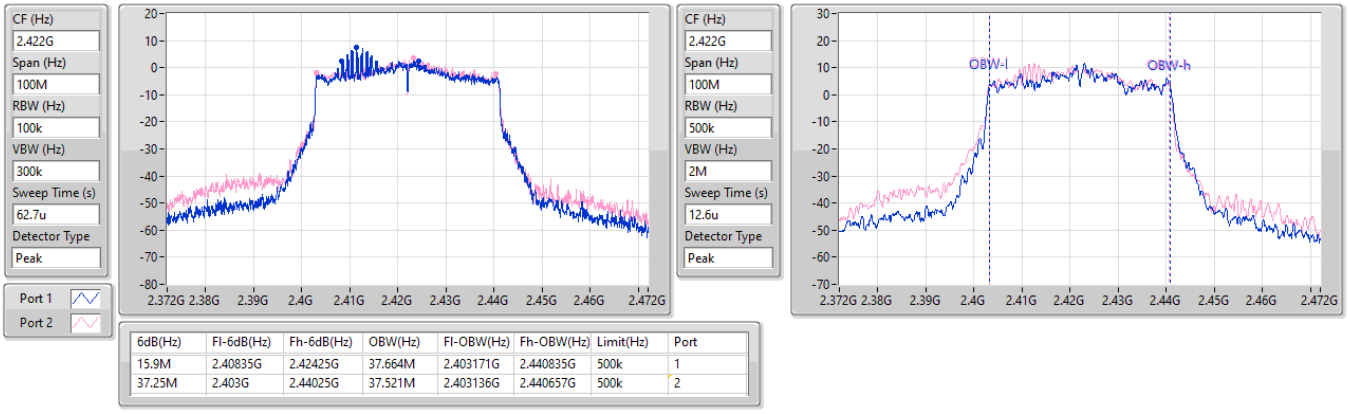


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.25M	2.454375G	2.468625G	18.808M	2.452626G	2.471434G	500k	1
15.85M	2.453175G	2.469025G	18.838M	2.452545G	2.471383G	500k	2

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

2422MHz

16/05/2024

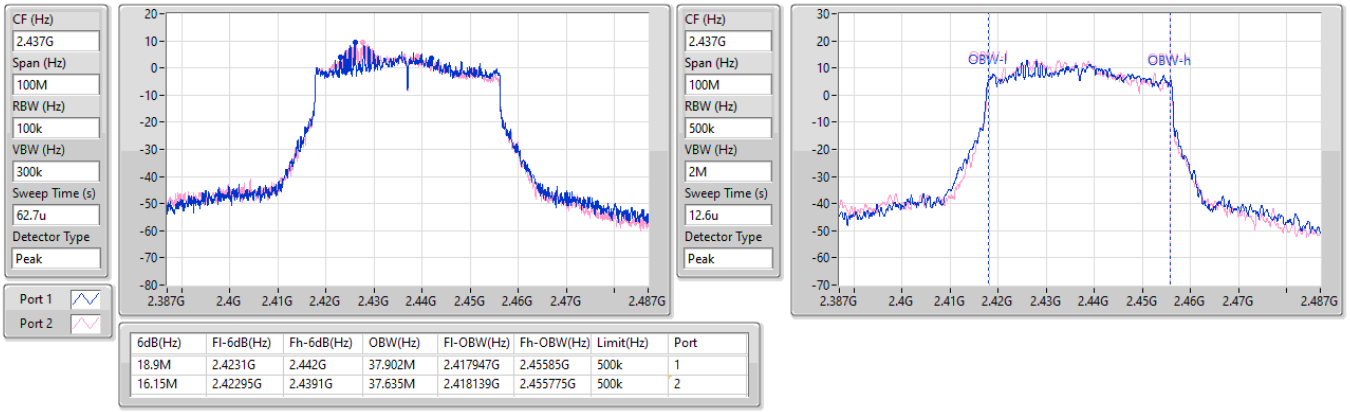


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	2.40835G	2.42425G	37.664M	2.403171G	2.440835G	500k	1
37.25M	2.403G	2.44025G	37.521M	2.403136G	2.440657G	500k	2

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

2437MHz

16/05/2024

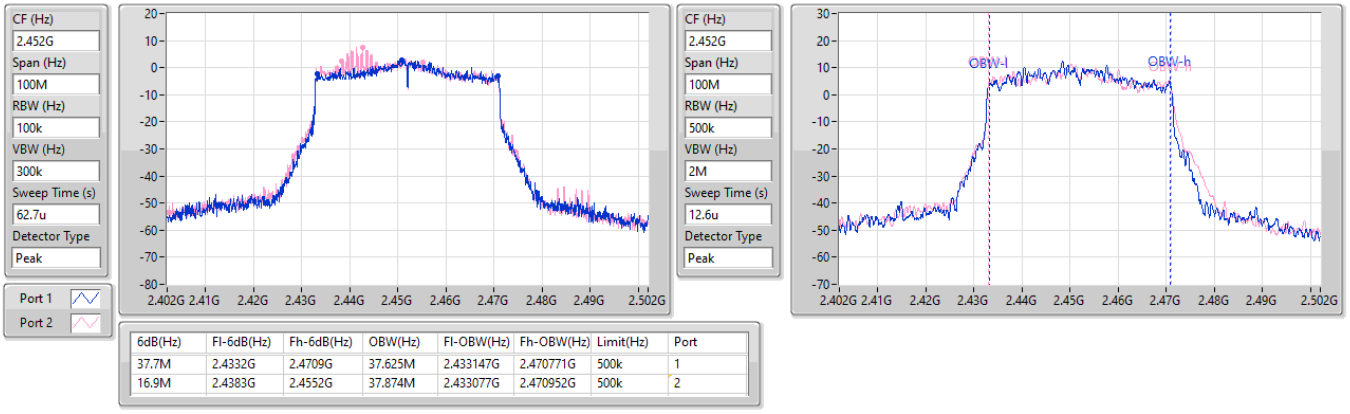


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	2.4231G	2.442G	37.902M	2.417947G	2.45585G	500k	1
16.15M	2.42295G	2.4391G	37.635M	2.418139G	2.455775G	500k	2

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

2452MHz

16/05/2024



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	2.4332G	2.4709G	37.625M	2.433147G	2.470771G	500k	1
16.9M	2.4383G	2.4552G	37.874M	2.433077G	2.470952G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.95	0.98855
802.11g_Nss1,(6Mbps)_2TX	28.44	0.69823
802.11be EHT20-BF_Nss1,(MCS0)_2TX	27.37	0.54576
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.07	0.25527

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.65	26.03	26.51	29.29	30.00
2437MHz	Pass	2.65	26.48	27.00	29.76	30.00
2462MHz	Pass	2.65	26.79	27.08	29.95	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.65	22.31	22.91	25.63	30.00
2437MHz	Pass	2.65	25.26	25.60	28.44	30.00
2462MHz	Pass	2.65	23.13	23.52	26.34	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.56	20.44	20.82	23.64	30.00
2417MHz	Pass	5.56	21.86	22.35	25.12	30.00
2437MHz	Pass	5.56	24.28	24.43	27.37	30.00
2462MHz	Pass	5.56	21.15	21.57	24.38	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.56	18.63	19.34	22.01	30.00
2437MHz	Pass	5.56	20.92	21.20	24.07	30.00
2452MHz	Pass	5.56	19.00	19.14	22.08	30.00

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

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	5.79
802.11g_Nss1,(6Mbps)_2TX	1.20
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.75
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-6.11

RBW = 3kHz;

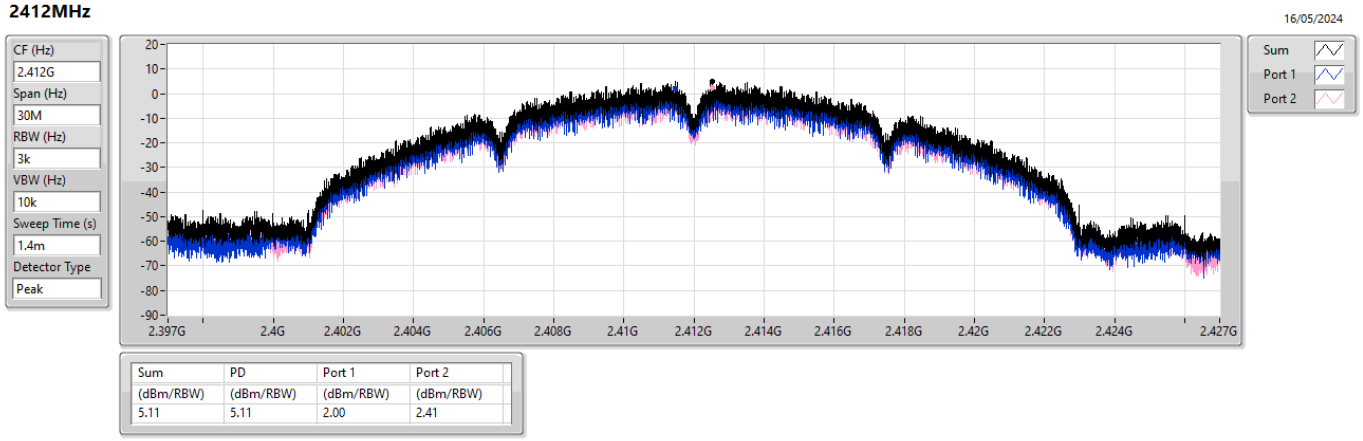
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.56	2.00	2.41	5.11	8.00
2437MHz	Pass	5.56	2.88	2.26	5.24	8.00
2462MHz	Pass	5.56	2.72	3.31	5.79	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.56	-2.69	-4.22	-1.43	8.00
2437MHz	Pass	5.56	-1.44	-0.20	1.20	8.00
2462MHz	Pass	5.56	-2.10	-3.56	-0.73	8.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.56	-5.91	-5.00	-3.69	8.00
2437MHz	Pass	5.56	-1.77	-1.15	0.75	8.00
2462MHz	Pass	5.56	-3.91	-4.43	-1.92	8.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.56	-10.05	-9.17	-8.13	8.00
2437MHz	Pass	5.56	-8.50	-7.42	-6.11	8.00
2452MHz	Pass	5.56	-8.87	-9.76	-8.01	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**

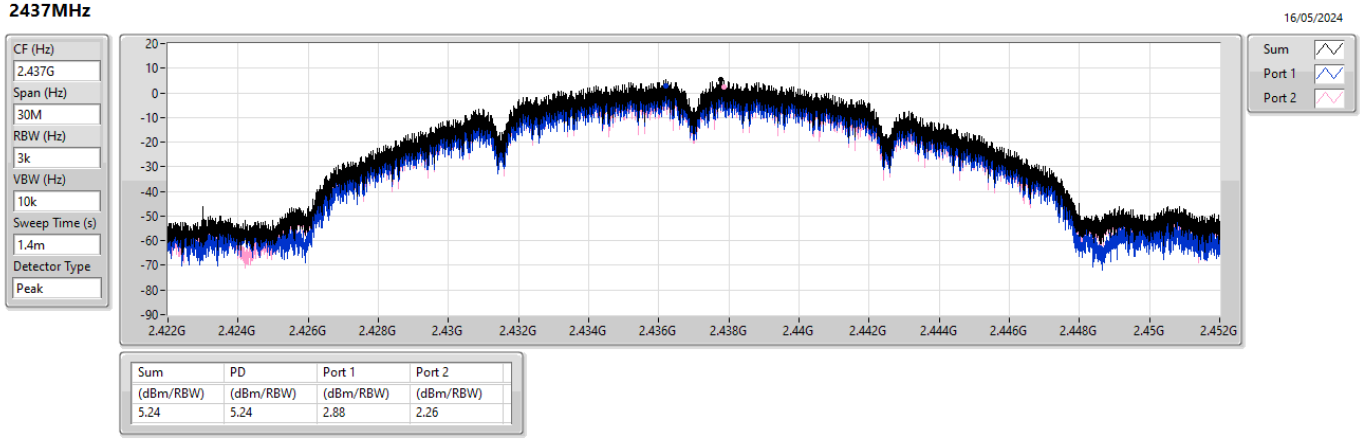
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.11	5.11	2.00	2.41

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

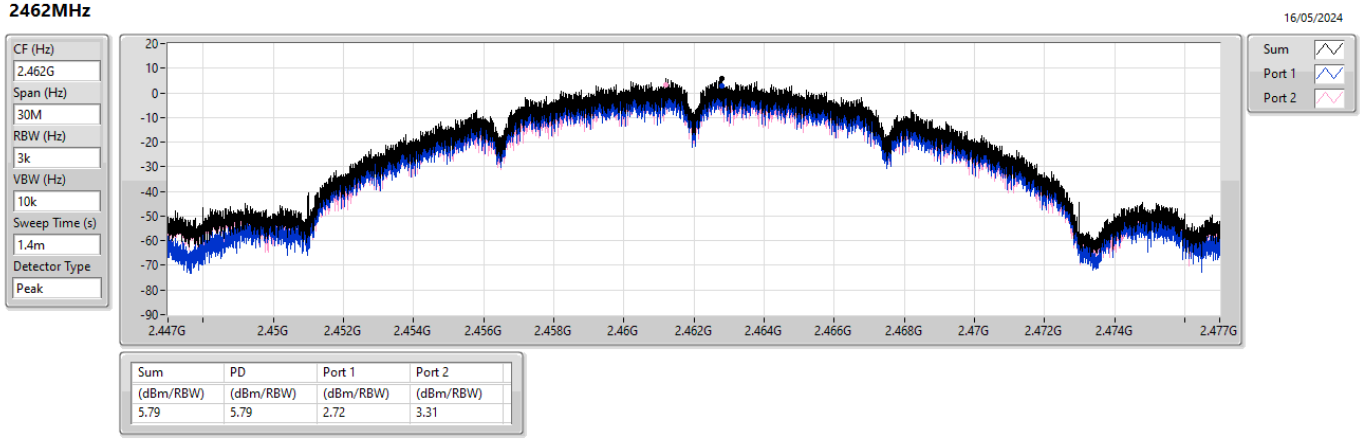
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	2.88	2.26

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

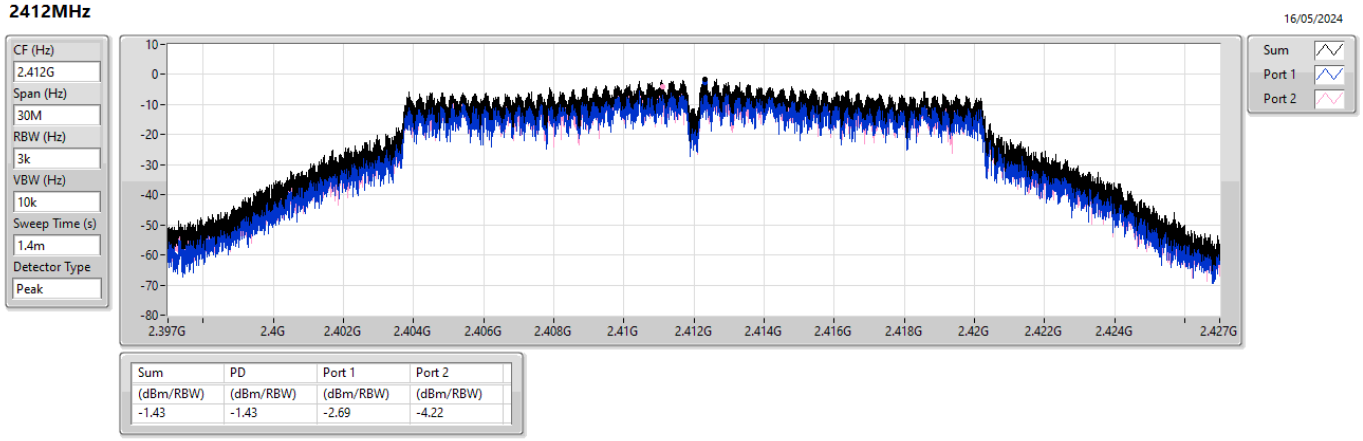
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.79	5.79	2.72	3.31

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

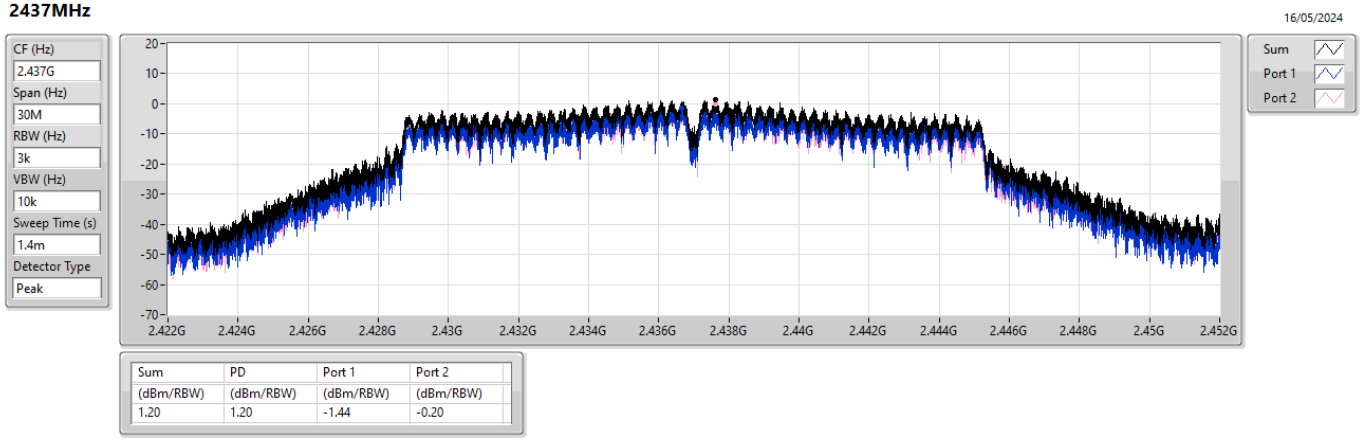
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.43	-1.43	-2.69	-4.22

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

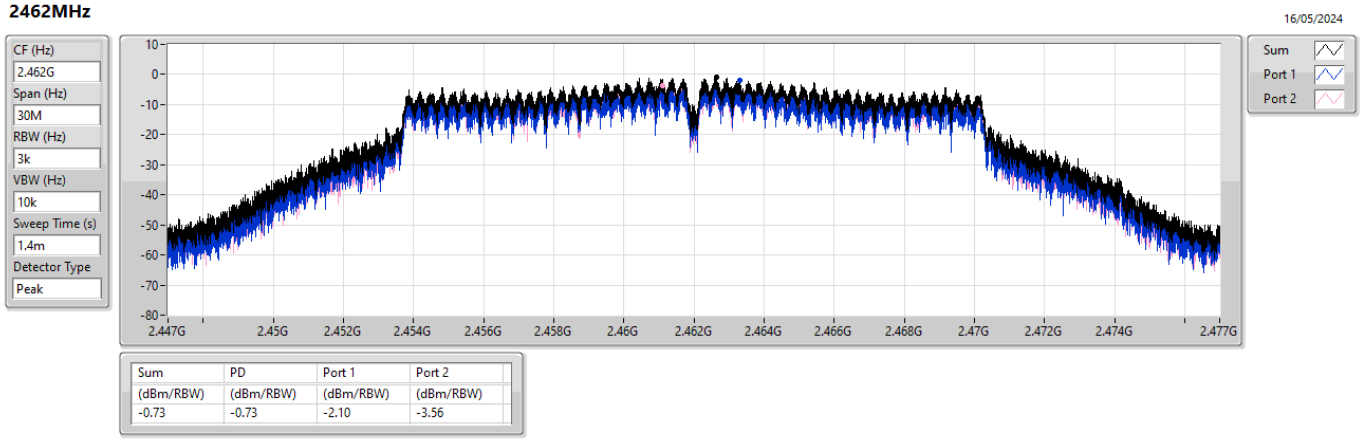
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.20	1.20	-1.44	-0.20

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

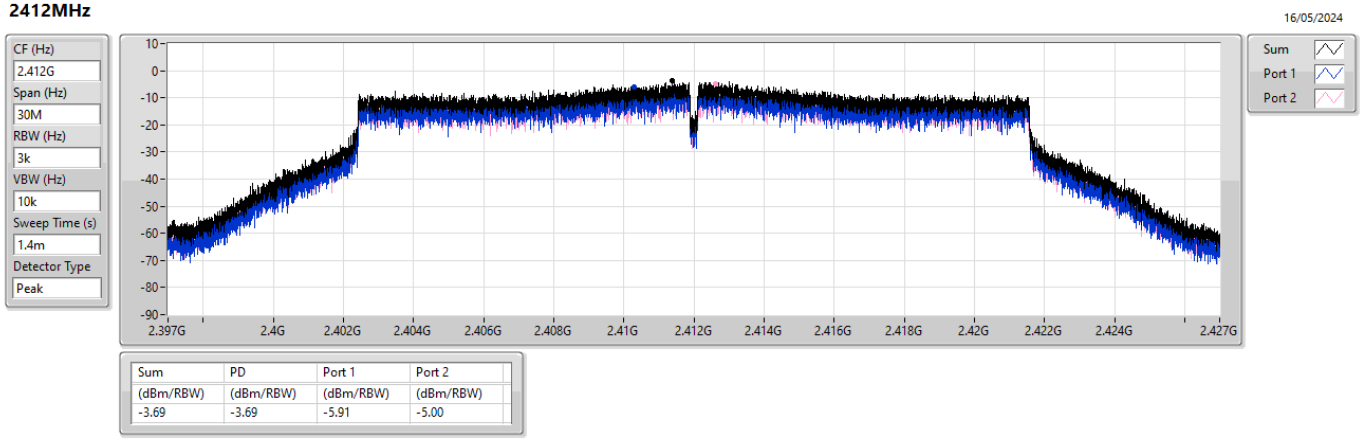
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.73	-0.73	-2.10	-3.56

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

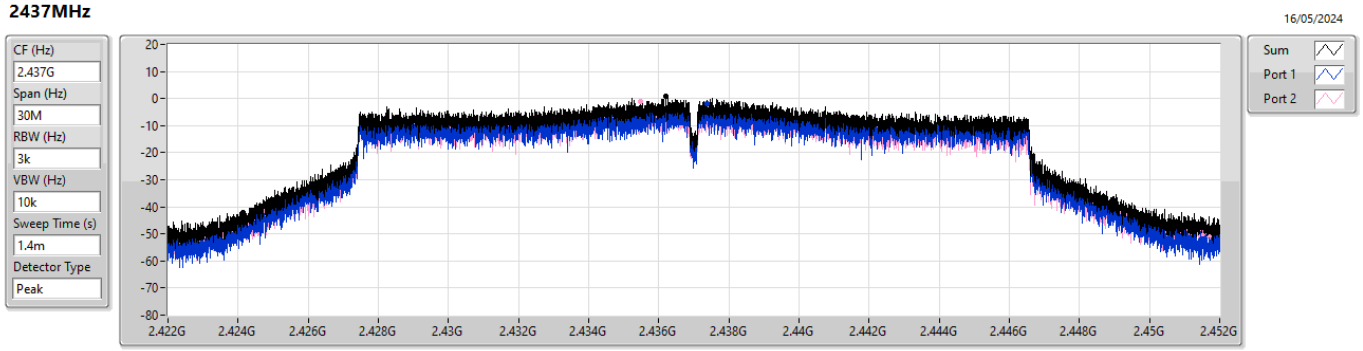
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.69	-3.69	-5.91	-5.00

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

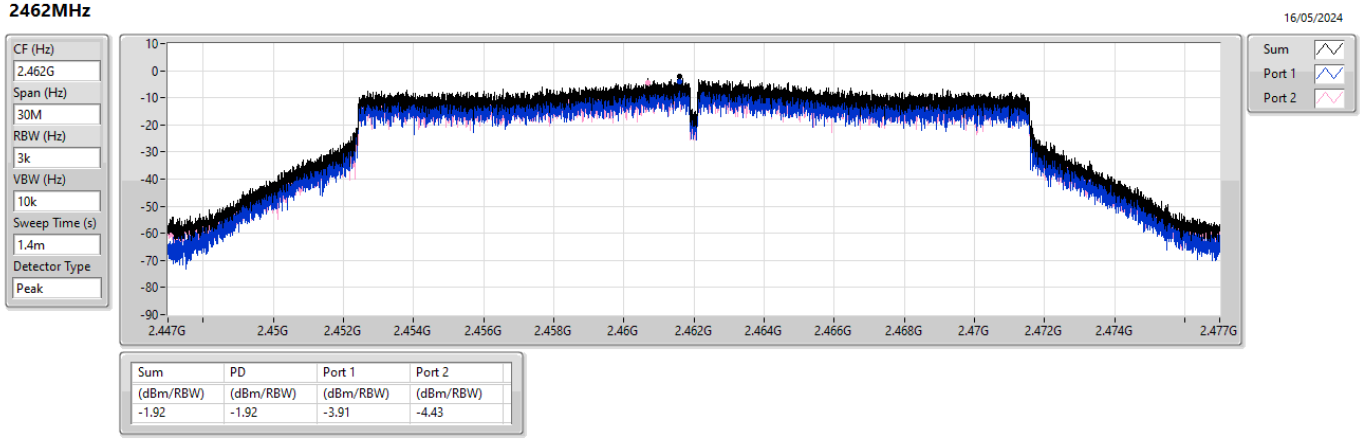
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.75	0.75	-1.77	-1.15

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

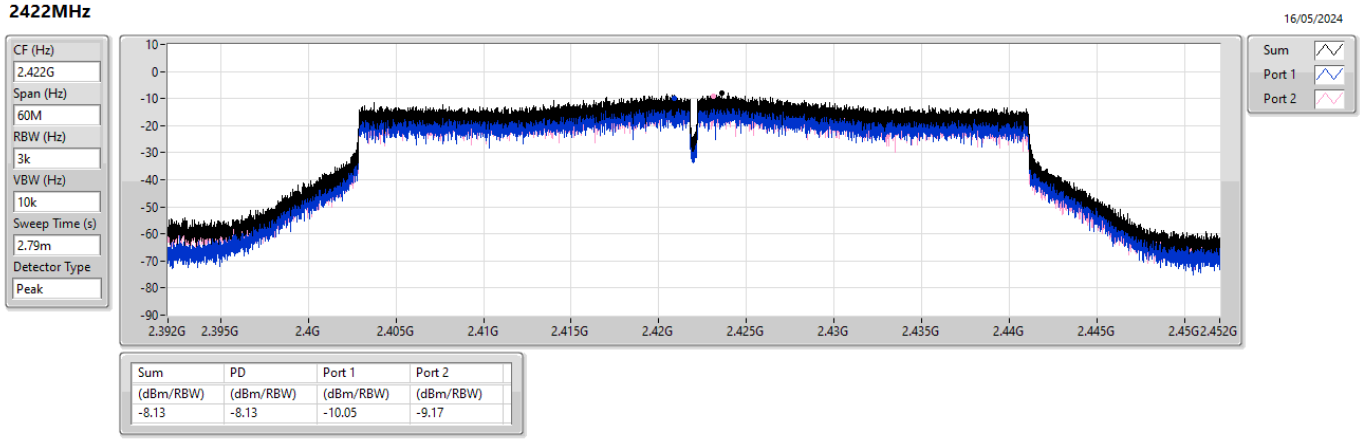
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.92	-1.92	-3.91	-4.43

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

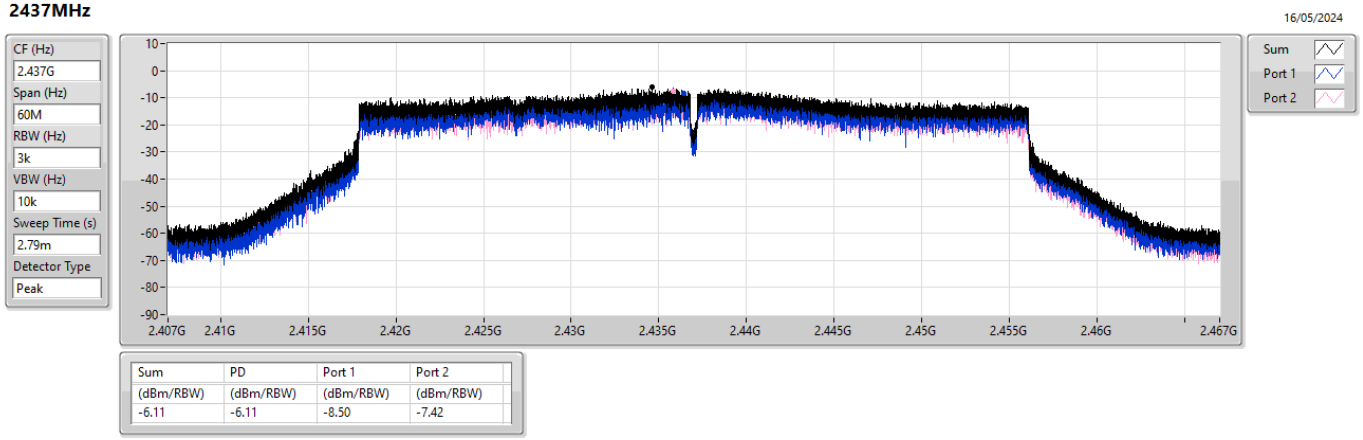
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.13	-8.13	-10.05	-9.17

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

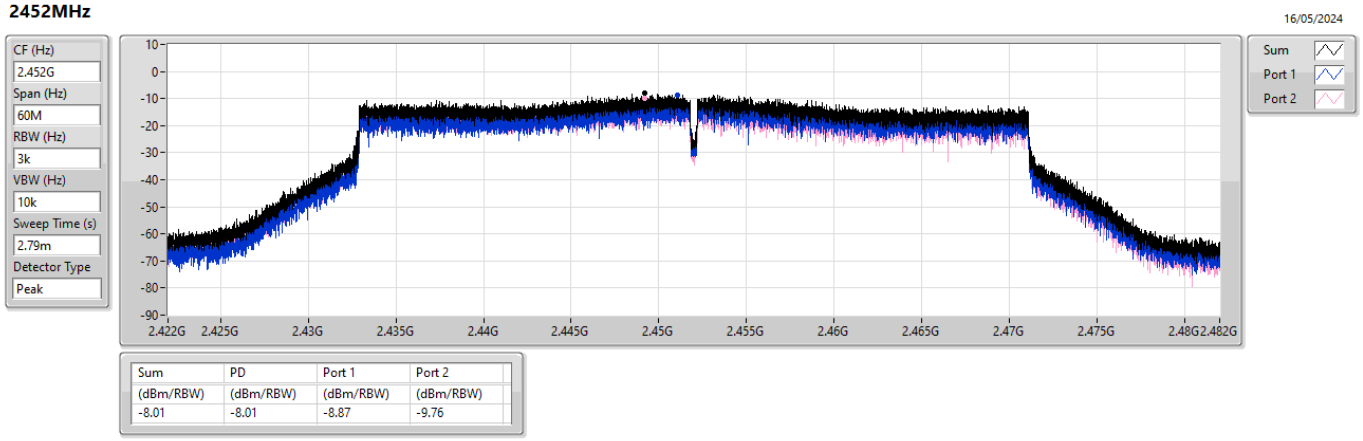
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.11	-6.11	-8.50	-7.42

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)
-8.01	-8.01	-8.87	-9.76

Summary

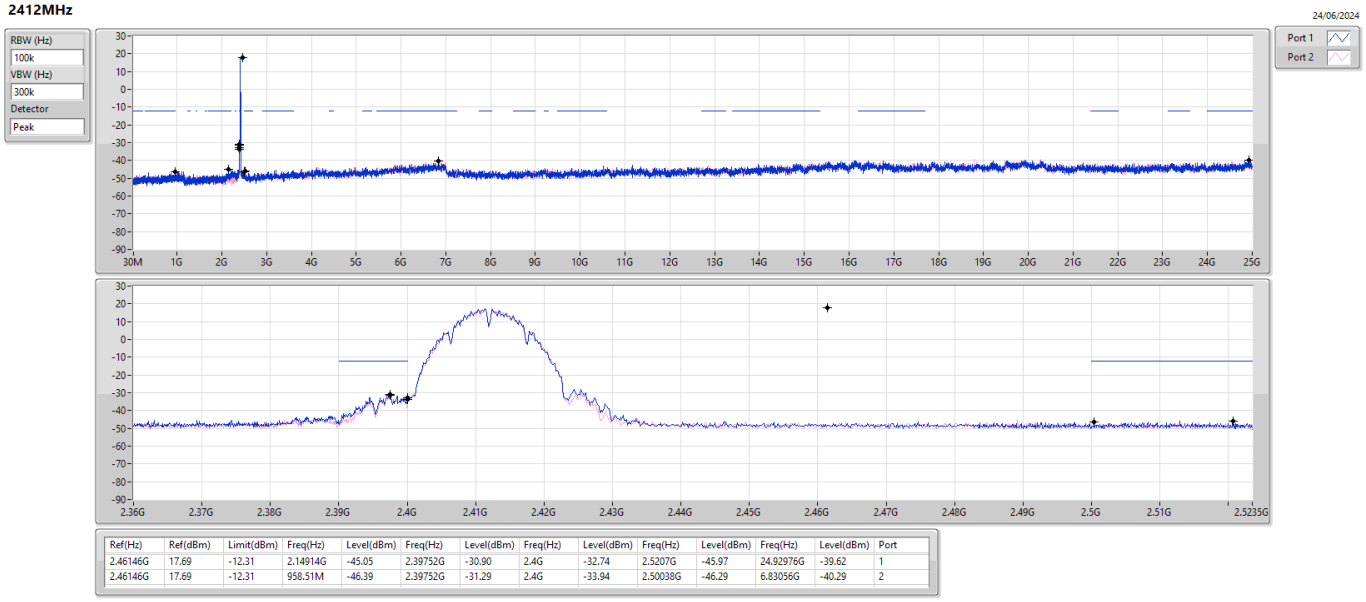
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.46146G	17.69	-12.31	2.14914G	-45.05	2.39752G	-30.90	2.4G	-32.74	2.5207G	-45.97	24.92976G	-39.62	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	16.59	-13.41	2.19923G	-46.08	2.4G	-21.93	2.4G	-20.00	2.51678G	-48.14	21.97691G	-43.78	2
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43758G	15.29	-14.71	2.19574G	-45.14	2.39984G	-24.84	2.4G	-23.34	2.51846G	-49.05	21.73248G	-44.08	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42889G	10.97	-19.03	34.58M	-48.13	2.4G	-25.45	2.4G	-24.46	2.54798G	-49.04	21.53076G	-44.06	2

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46146G	17.69	-12.31	2.14914G	-45.05	2.39752G	-30.90	2.4G	-32.74	2.5207G	-45.97	24.92976G	-39.62	1
2412MHz	Pass	2.46146G	17.69	-12.31	958.51M	-46.39	2.39752G	-31.29	2.4G	-33.94	2.50038G	-46.29	6.83056G	-40.29	2
2437MHz	Pass	2.46146G	17.69	-12.31	2.19457G	-44.88	2.3916G	-45.56	2.4G	-46.58	2.51694G	-45.12	16.44769G	-40.30	1
2437MHz	Pass	2.46146G	17.69	-12.31	925.89M	-46.94	2.39696G	-44.69	2.4G	-48.50	2.51462G	-46.50	16.42241G	-39.69	2
2462MHz	Pass	2.46146G	17.69	-12.31	2.15962G	-46.26	2.39728G	-45.56	2.4G	-48.63	2.51638G	-45.99	24.83143G	-39.17	1
2462MHz	Pass	2.46146G	17.69	-12.31	2.30525G	-46.56	2.4G	-43.66	2.4G	-45.36	2.51014G	-45.85	24.51395G	-40.23	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	16.59	-13.41	49.81M	-46.25	2.4G	-22.34	2.4G	-21.71	2.50014G	-48.79	21.78586G	-43.42	1
2412MHz	Pass	2.43824G	16.59	-13.41	2.19923G	-46.08	2.4G	-21.93	2.4G	-20.00	2.51678G	-48.14	21.97691G	-43.78	2
2437MHz	Pass	2.43824G	16.59	-13.41	2.30059G	-46.93	2.39984G	-39.71	2.4G	-41.02	2.5027G	-47.68	21.72686G	-43.41	1
2437MHz	Pass	2.43824G	16.59	-13.41	2.1771G	-44.04	2.39944G	-40.11	2.4G	-42.43	2.51574G	-47.51	21.5611G	-43.55	2
2462MHz	Pass	2.43824G	16.59	-13.41	49.81M	-46.59	2.4G	-45.32	2.4G	-44.07	2.5155G	-47.32	21.63414G	-44.12	1
2462MHz	Pass	2.43824G	16.59	-13.41	2.16312G	-43.89	2.39704G	-46.03	2.4G	-46.58	2.51486G	-48.41	21.47962G	-43.42	2
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43758G	15.29	-14.71	2.17244G	-48.60	2.39984G	-25.60	2.4G	-23.99	2.50366G	-49.00	21.69314G	-43.24	1
2412MHz	Pass	2.43758G	15.29	-14.71	2.19574G	-45.14	2.39984G	-24.84	2.4G	-23.34	2.51846G	-49.05	21.73248G	-44.08	2
2437MHz	Pass	2.43758G	15.29	-14.71	2.05827G	-48.20	2.39952G	-39.37	2.4G	-42.13	2.51102G	-47.86	23.17097G	-43.93	1
2437MHz	Pass	2.43758G	15.29	-14.71	2.19457G	-44.71	2.3992G	-41.53	2.4G	-42.39	2.52126G	-48.74	21.68472G	-43.12	2
2462MHz	Pass	2.43758G	15.29	-14.71	2.30525G	-48.23	2.4G	-48.78	2.4G	-49.63	2.50454G	-48.61	21.72967G	-43.96	1
2462MHz	Pass	2.43758G	15.29	-14.71	2.30059G	-45.30	2.3932G	-47.24	2.4G	-48.58	2.50102G	-48.63	21.533G	-43.86	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42889G	10.97	-19.03	75.8M	-48.23	2.4G	-24.77	2.4G	-26.08	2.50894G	-48.80	21.66257G	-43.75	1
2422MHz	Pass	2.42889G	10.97	-19.03	34.58M	-48.13	2.4G	-25.45	2.4G	-24.46	2.54798G	-49.04	21.53076G	-44.06	2
2437MHz	Pass	2.42889G	10.97	-19.03	32.29M	-48.93	2.39776G	-41.92	2.4G	-42.07	2.51838G	-48.17	21.49149G	-43.64	1
2437MHz	Pass	2.42889G	10.97	-19.03	2.15856G	-46.52	2.39952G	-37.47	2.4G	-42.38	2.5603G	-48.19	21.46345G	-43.42	2
2452MHz	Pass	2.42889G	10.97	-19.03	49.47M	-46.75	2.4G	-48.14	2.4G	-47.90	2.51806G	-48.75	21.53917G	-43.71	1
2452MHz	Pass	2.42889G	10.97	-19.03	2.16085G	-46.74	2.39984G	-46.77	2.4G	-47.53	2.52654G	-48.51	7.24151G	-43.70	2

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

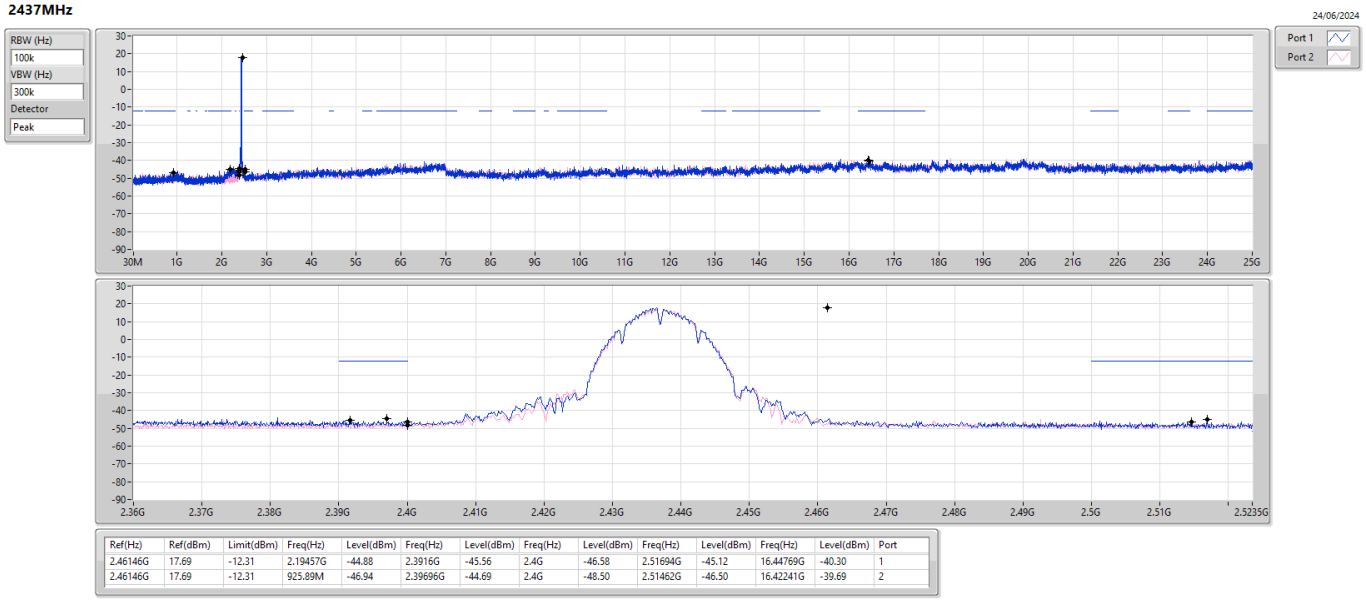
2412MHz



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
2.46146G	17.69	-12.31	2.14914G	-45.05	2.39752G	-30.90	2.4G	-32.74	2.5207G	-45.97	24.92976G	-39.62	1
2.46146G	17.69	-12.31	958.51M	-46.39	2.39752G	-31.29	2.4G	-33.94	2.50038G	-46.29	6.83056G	-40.29	2

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

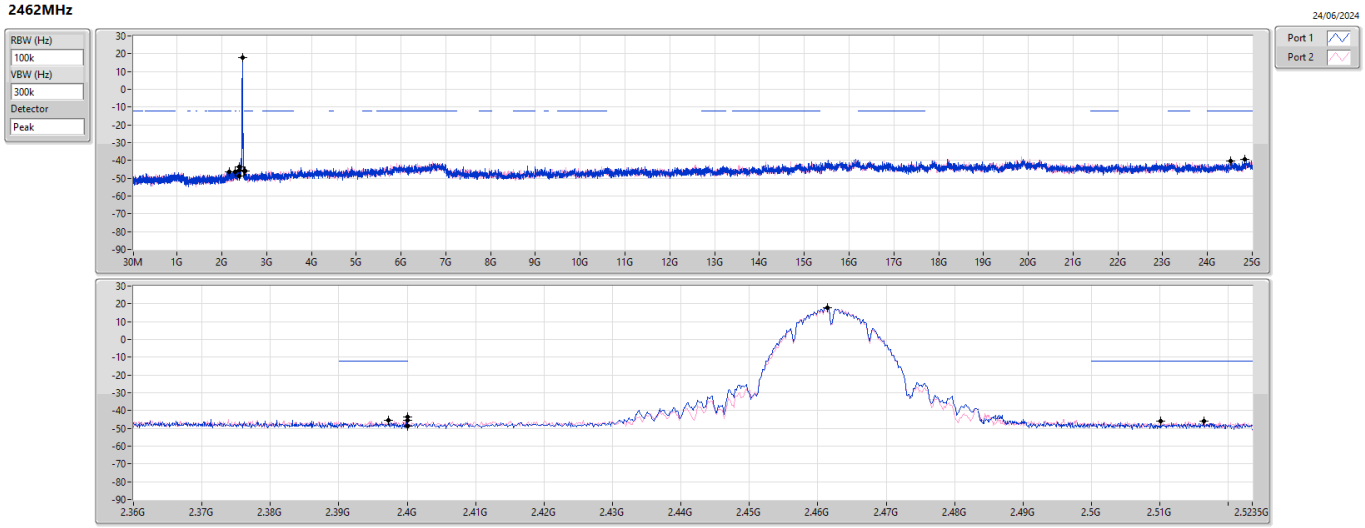
2437MHz



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
2.46146G	17.69	-12.31	2.19457G	-44.88	2.3916G	-45.56	2.4G	-46.58	2.51694G	-45.12	16.44769G	-40.30	1
2.46146G	17.69	-12.31	925.89M	-46.94	2.39696G	-44.69	2.4G	-48.50	2.51462G	-46.50	16.42241G	-39.69	2

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

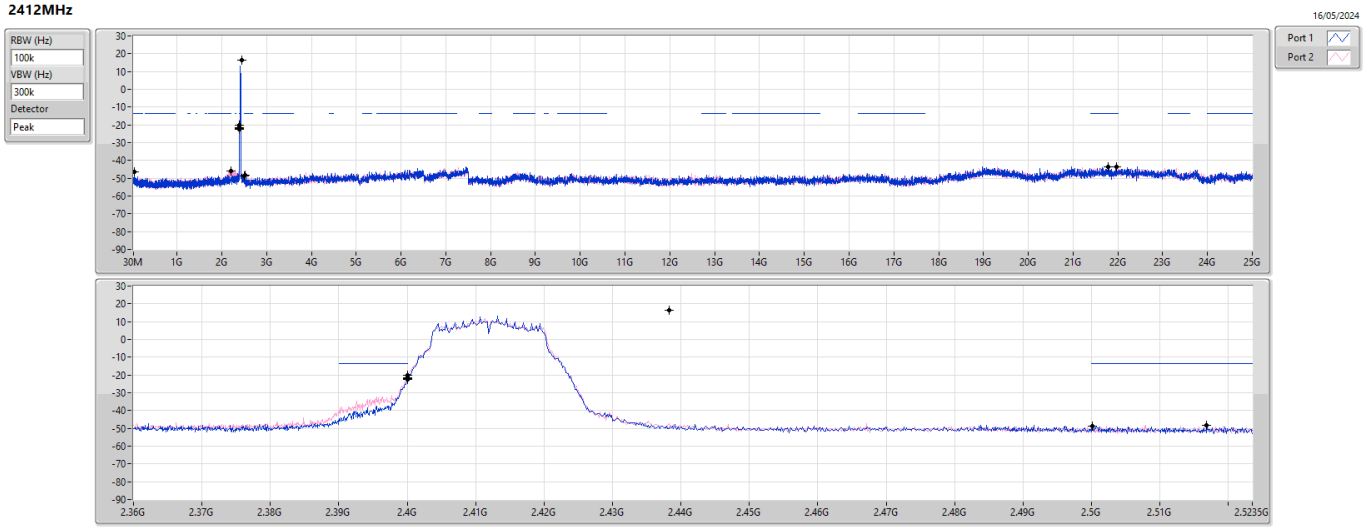
2462MHz



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
2.46146G	17.69	-12.31	2.15962G	-46.26	2.39728G	-45.56	2.4G	-48.63	2.51638G	-45.99	24.83143G	-39.17	1
2.46146G	17.69	-12.31	2.30525G	-46.56	2.4G	-43.66	2.4G	-45.36	2.51014G	-45.85	24.51395G	-40.23	2

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

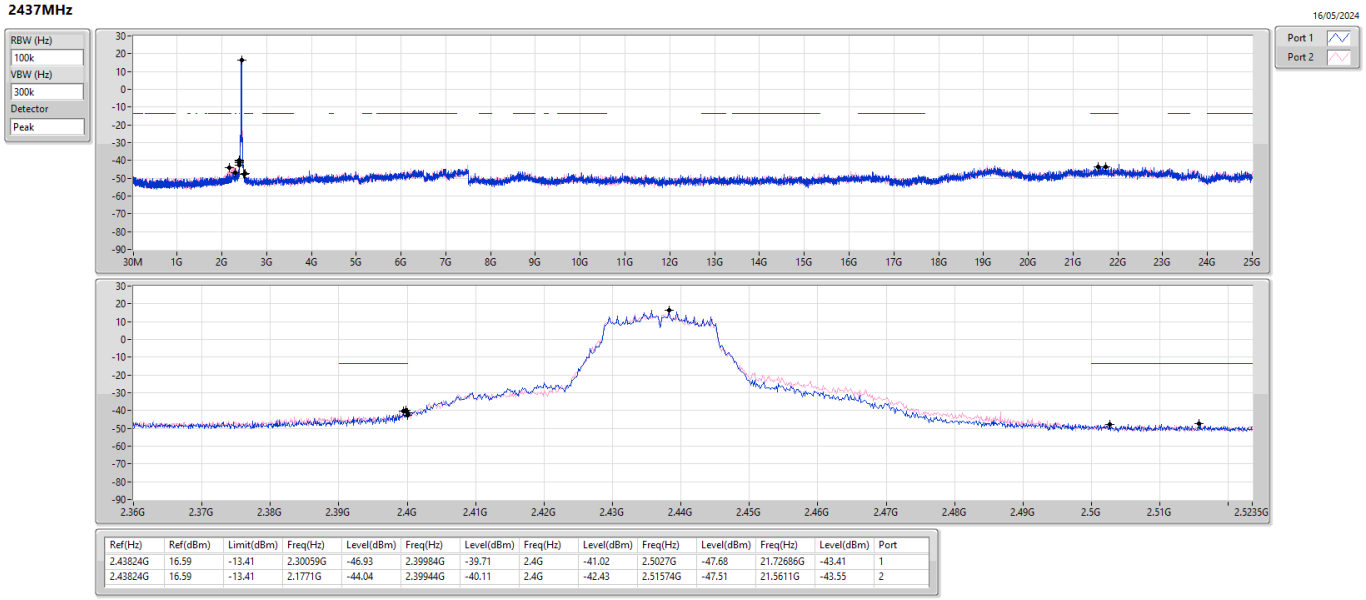
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	16.59	-13.41	49.81M	-46.25	2.4G	-22.34	2.4G	-21.71	2.50014G	-48.79	21.78586G	-43.42	1
2.43824G	16.59	-13.41	2.19923G	-46.08	2.4G	-21.93	2.4G	-20.00	2.51678G	-48.14	21.97691G	-43.78	2

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

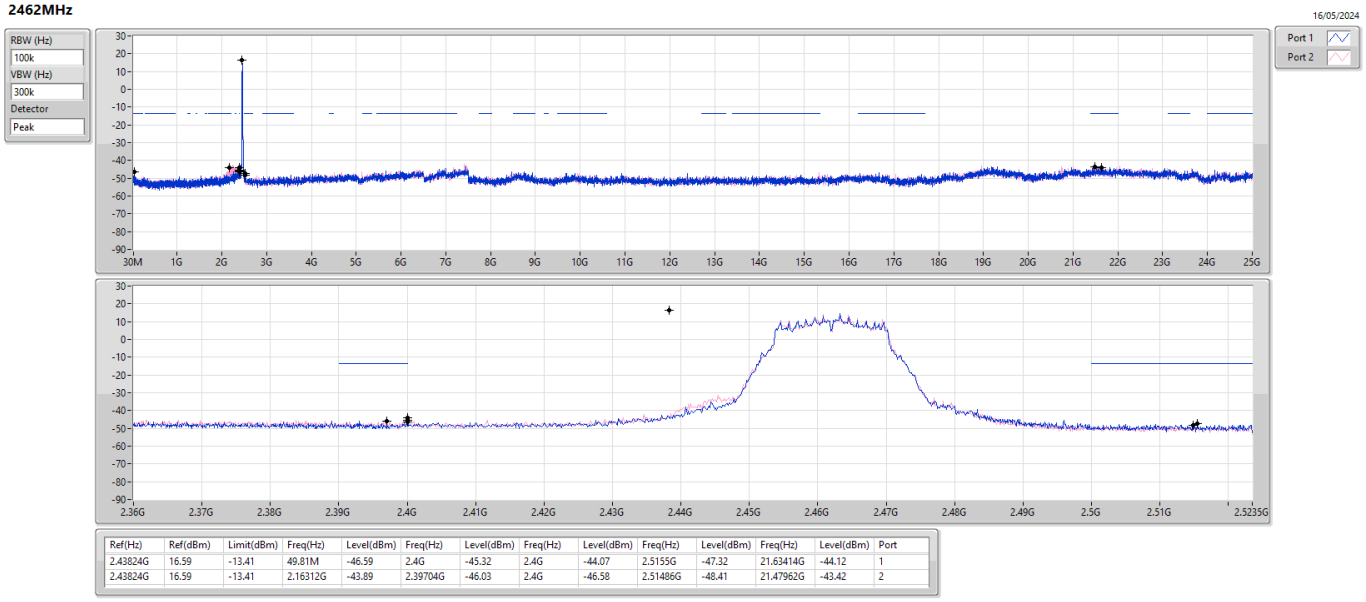
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	16.59	-13.41	2.30059G	-46.93	2.39984G	-39.71	2.4G	-41.02	2.5027G	-47.68	21.72686G	-43.41	1
2.43824G	16.59	-13.41	2.1771G	-44.04	2.39944G	-40.11	2.4G	-42.43	2.51574G	-47.51	21.5611G	-43.55	2

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

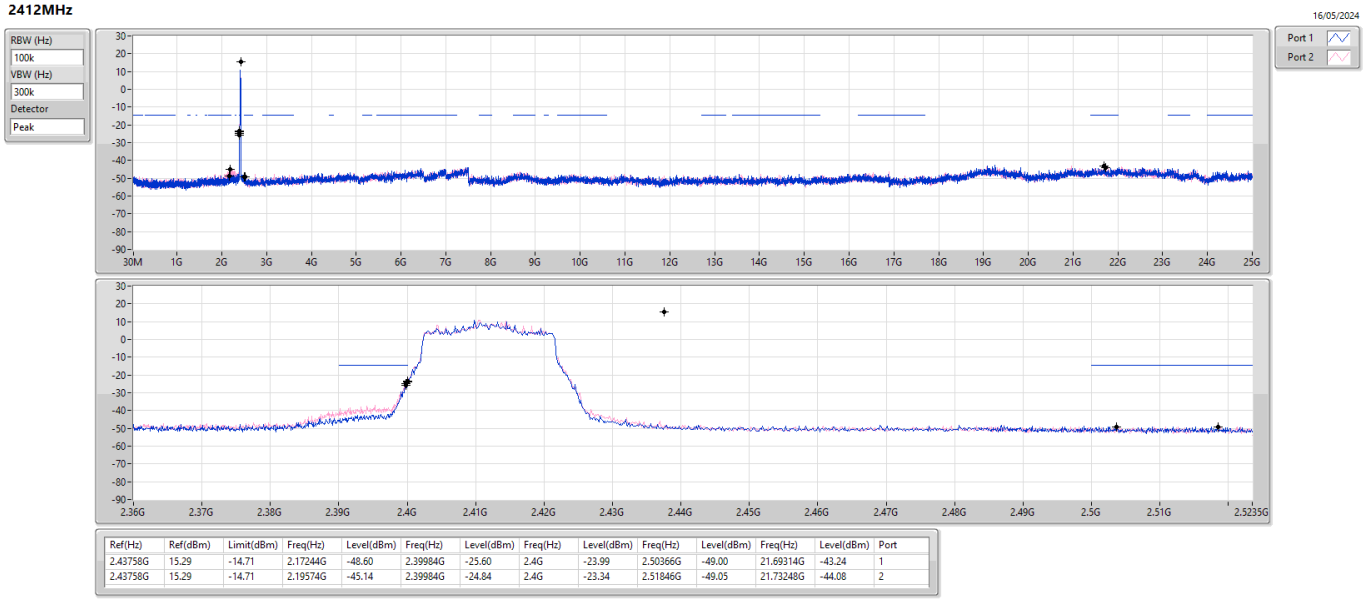
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	16.59	-13.41	49.81M	-46.59	2.4G	-45.32	2.4G	-44.07	2.5155G	-47.32	21.63414G	-44.12	1
2.43824G	16.59	-13.41	2.16312G	-43.89	2.39704G	-46.03	2.4G	-46.58	2.51486G	-48.41	21.47962G	-43.42	2

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

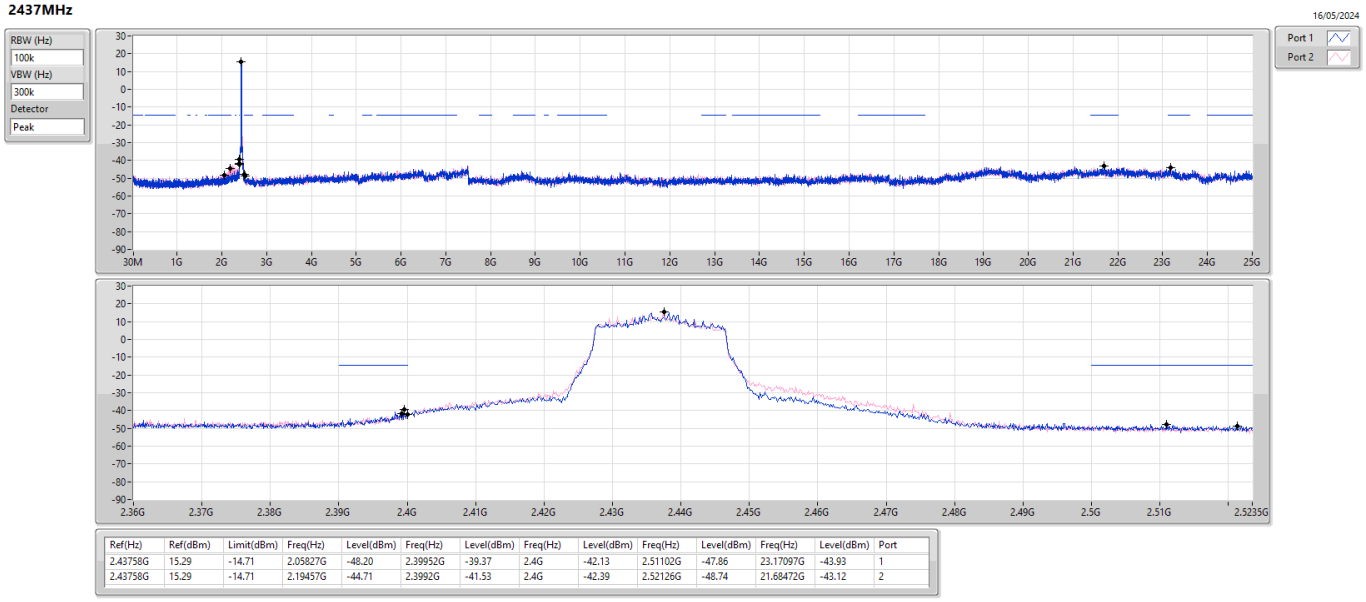
2412MHz



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
2.43758G	15.29	-14.71	2.17244G	-48.60	2.39984G	-25.60	2.4G	-23.99	2.50366G	-49.00	21.69314G	-43.24	1
2.43758G	15.29	-14.71	2.19574G	-45.14	2.39984G	-24.84	2.4G	-23.34	2.51846G	-49.05	21.73248G	-44.08	2

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

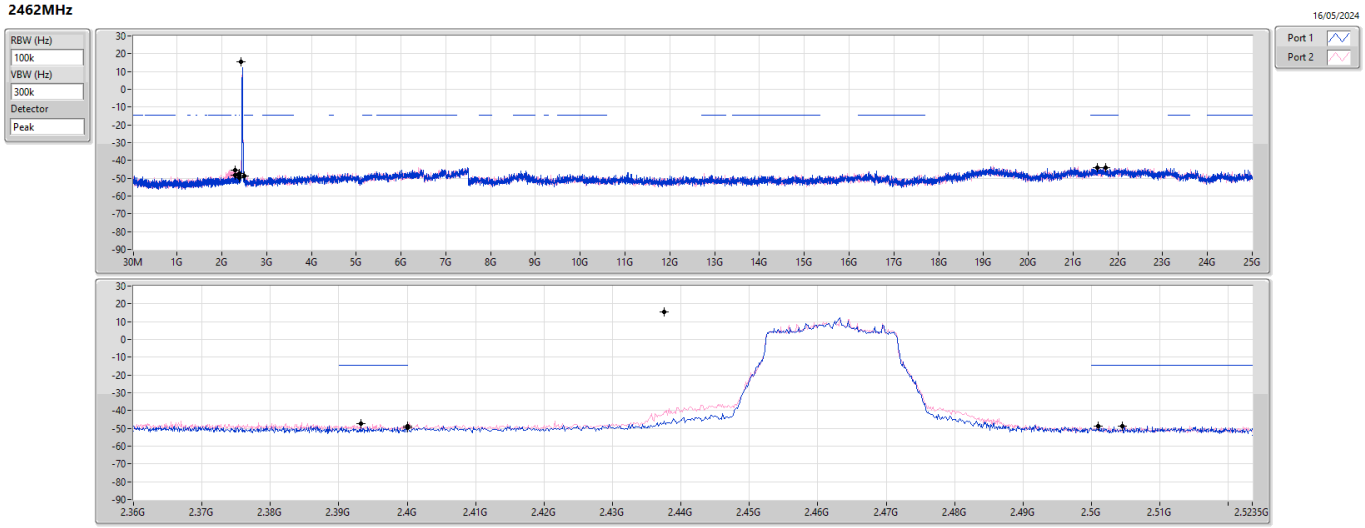
2437MHz



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
2.43758G	15.29	-14.71	2.05827G	-48.20	2.39952G	-39.37	2.4G	-42.13	2.51102G	-47.86	23.17097G	-43.93	1
2.43758G	15.29	-14.71	2.19457G	-44.71	2.3992G	-41.53	2.4G	-42.39	2.52126G	-48.74	21.68472G	-43.12	2

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

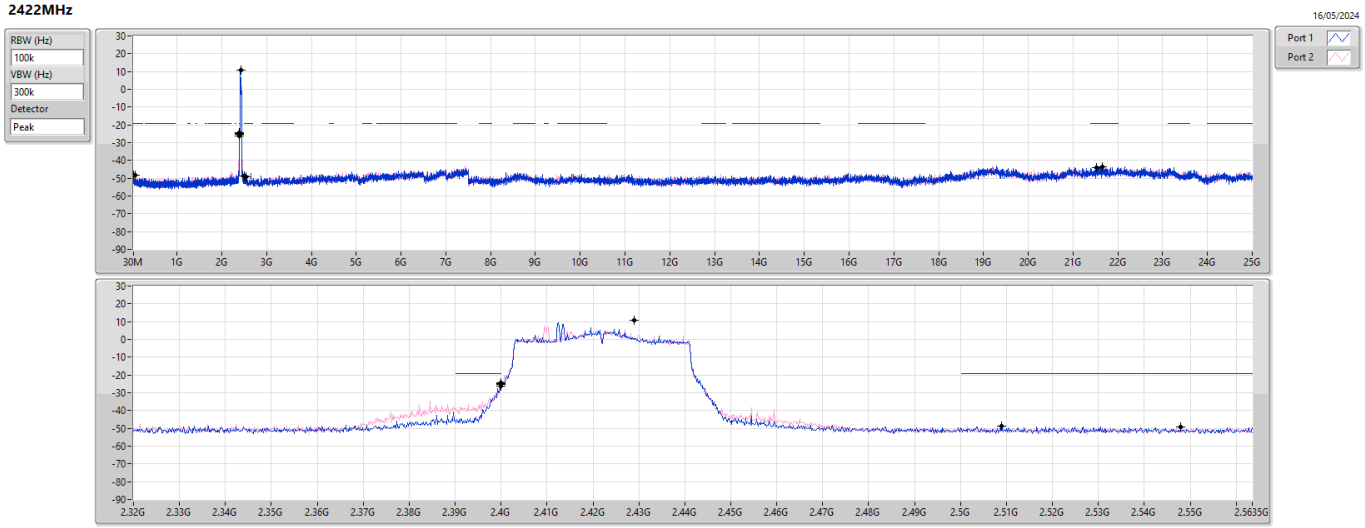
2462MHz



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
2.43758G	15.29	-14.71	2.30525G	-48.23	2.4G	-48.78	2.4G	-49.63	2.50454G	-48.61	21.72967G	-43.96	1
2.43758G	15.29	-14.71	2.30059G	-45.30	2.3932G	-47.24	2.4G	-48.58	2.50102G	-48.63	21.533G	-43.86	2

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

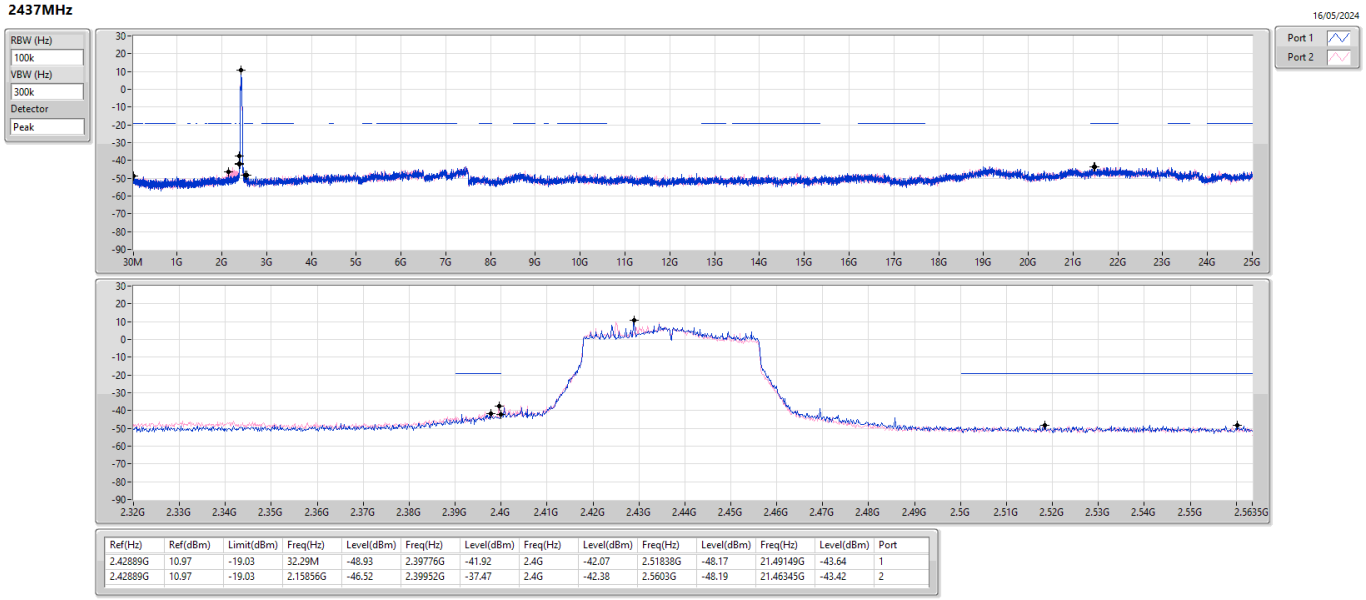
2422MHz



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
2.42889G	10.97	-19.03	75.8M	-48.23	2.4G	-24.77	2.4G	-26.08	2.50894G	-48.80	21.66257G	-43.75	1
2.42889G	10.97	-19.03	34.58M	-48.13	2.4G	-25.45	2.4G	-24.46	2.54798G	-49.04	21.53076G	-44.06	2

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

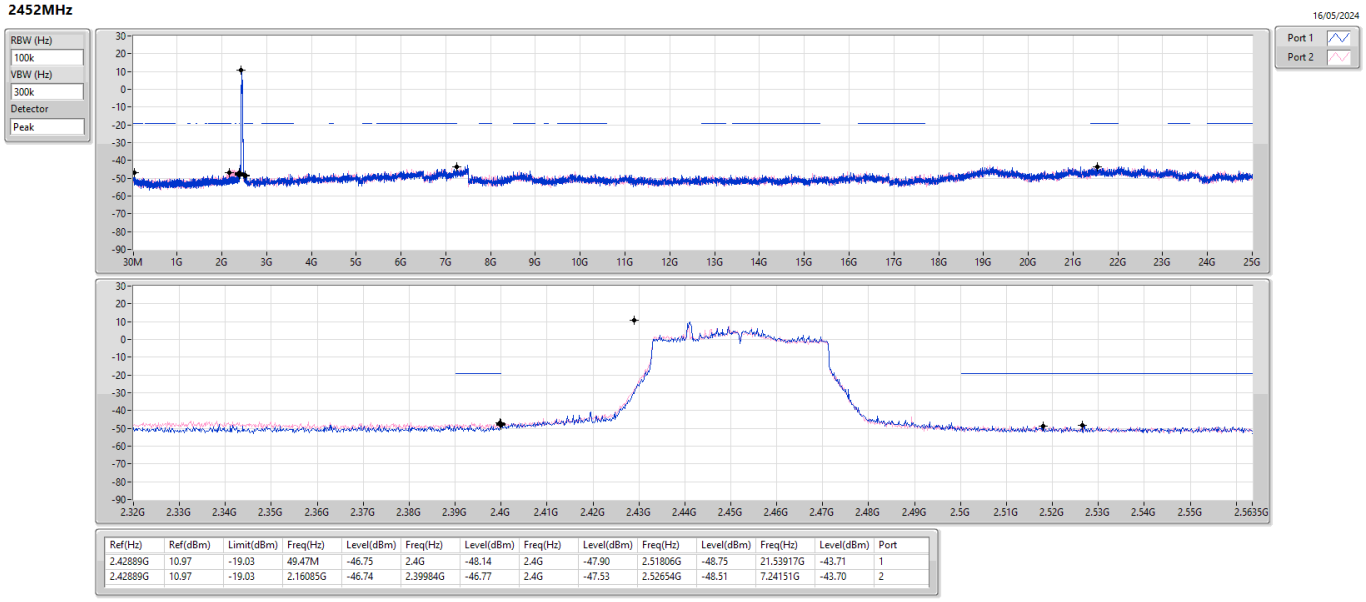
2437MHz



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
2.42889G	10.97	-19.03	32.29M	-48.93	2.39776G	-41.92	2.4G	-42.07	2.51838G	-48.17	21.49149G	-43.64	1
2.42889G	10.97	-19.03	2.15856G	-46.52	2.39952G	-37.47	2.4G	-42.38	2.5603G	-48.19	21.46345G	-43.42	2

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

2452MHz

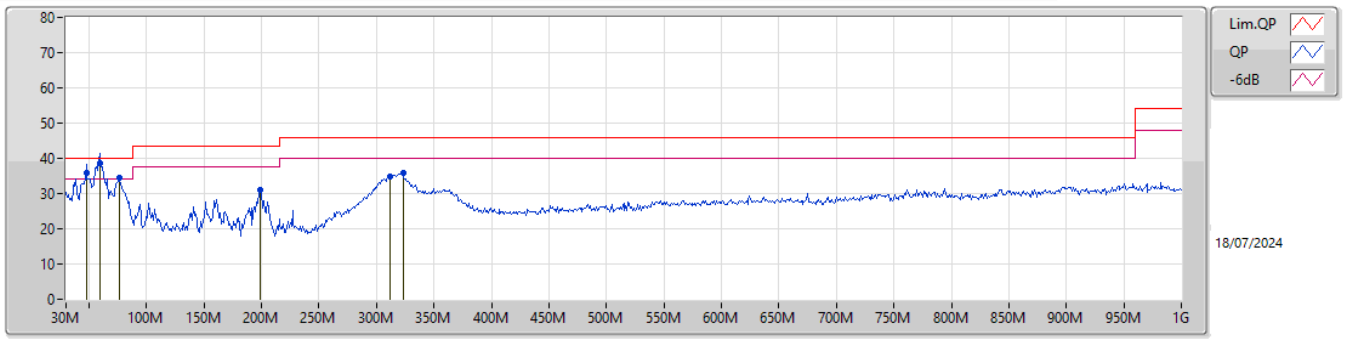


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42889G	10.97	-19.03	49.47M	-46.75	2.4G	-48.14	2.4G	-47.90	2.51806G	-48.75	21.53917G	-43.71	1
2.42889G	10.97	-19.03	2.16085G	-46.74	2.39984G	-46.77	2.4G	-47.53	2.52654G	-48.51	7.24151G	-43.70	2

Summary

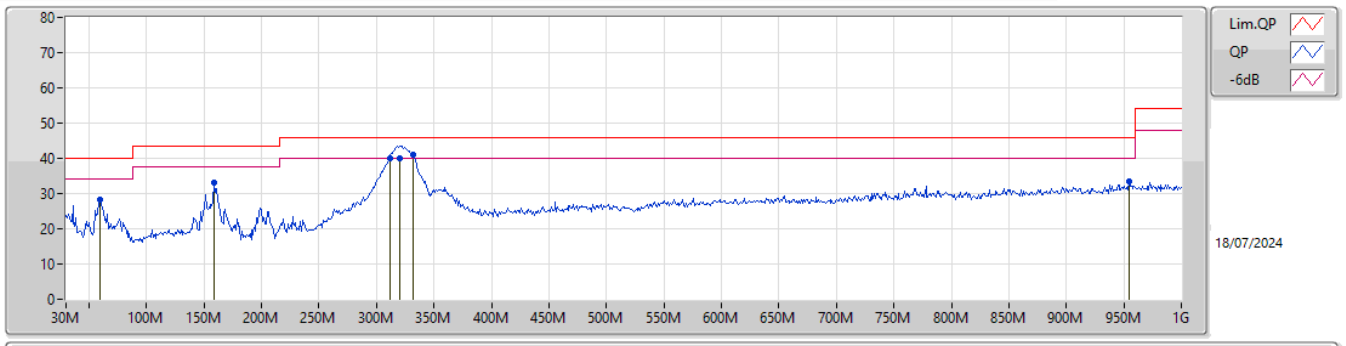
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	QP	60.07M	38.74	40.00	-1.26	Vertical

Mode 4



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)	(dB/m)	(dB)	(dB)
QP	47.46M	35.77	40.00	-4.23	-15.04	3	Vertical	356	1.25	-	50.81	15.32	1.25	31.61
QP	60.07M	38.74	40.00	-1.26	-17.67	3	Vertical	0	2.00	"Worst"	56.41	12.61	1.39	31.67
PK	76.56M	34.63	40.00	-5.37	-17.30	3	Vertical	132	1.50	-	51.93	12.86	1.55	31.71
PK	198.78M	31.01	43.50	-12.49	-14.06	3	Vertical	176	1.00	-	45.07	15.22	2.49	31.77
PK	311.3M	34.74	46.00	-11.26	-9.20	3	Vertical	189	1.50	-	43.94	19.46	3.20	31.86
PK	322.94M	35.89	46.00	-10.11	-9.00	3	Vertical	175	1.00	-	44.89	19.61	3.27	31.88

Mode 4



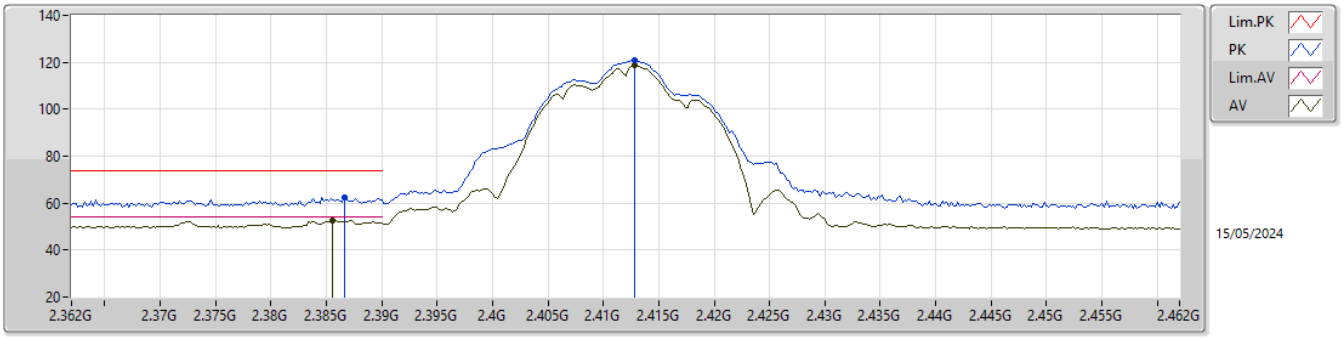
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	60.07M	28.25	40.00	-11.75	-17.67	3	Horizontal	130	3.00	-	45.92	12.61	1.39	31.67
PK	159.01M	32.97	43.50	-10.53	-13.51	3	Horizontal	104	2.00	-	46.48	16.04	2.21	31.76
PK	311.3M	40.16	46.00	-5.84	-9.20	3	Horizontal	235	1.25	-	49.36	19.46	3.20	31.86
QP	320.03M	40.03	46.00	-5.97	-9.07	3	Horizontal	235	1.25	-	49.10	19.56	3.25	31.88
PK	331.67M	41.08	46.00	-4.92	-8.84	3	Horizontal	244	1.00	"Worst"	49.92	19.74	3.32	31.90
PK	954.41M	33.59	46.00	-12.41	0.37	3	Horizontal	162	1.50	-	33.22	26.68	6.00	32.31

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	53.80	54.00	-0.20	3	Vertical	31	1.80	-

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

2412MHz_TX

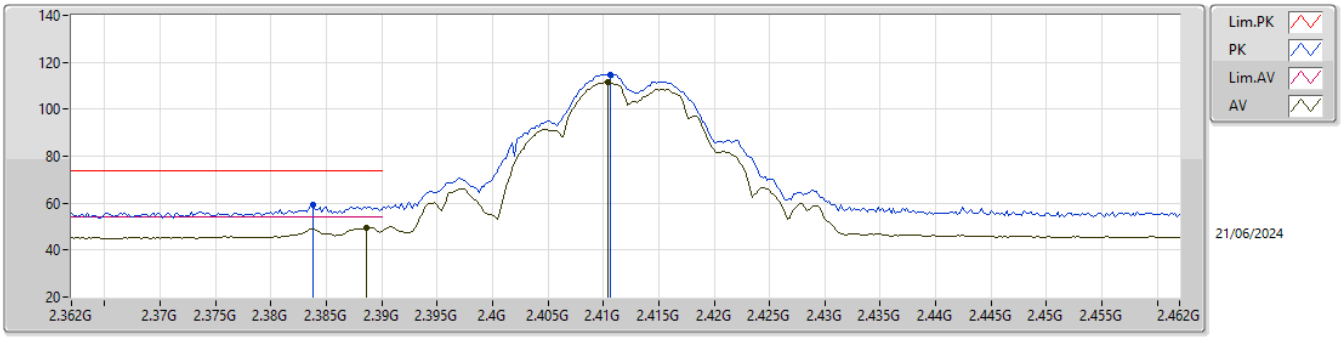


EUT Z_2TX
Setting 25.5
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3866G	62.39	74.00	-11.61	30.04	3	Vertical	345	2.95	-	27.70	4.65	-
AV	2.3856G	52.63	54.00	-1.37	20.28	3	Vertical	345	2.95	-	27.70	4.65	-
PK	2.4128G	120.90	Inf	-Inf	88.61	3	Vertical	345	2.95	-	27.63	4.66	-
AV	2.4128G	118.67	Inf	-Inf	86.38	3	Vertical	345	2.95	-	27.63	4.66	-

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

2412MHz_TX

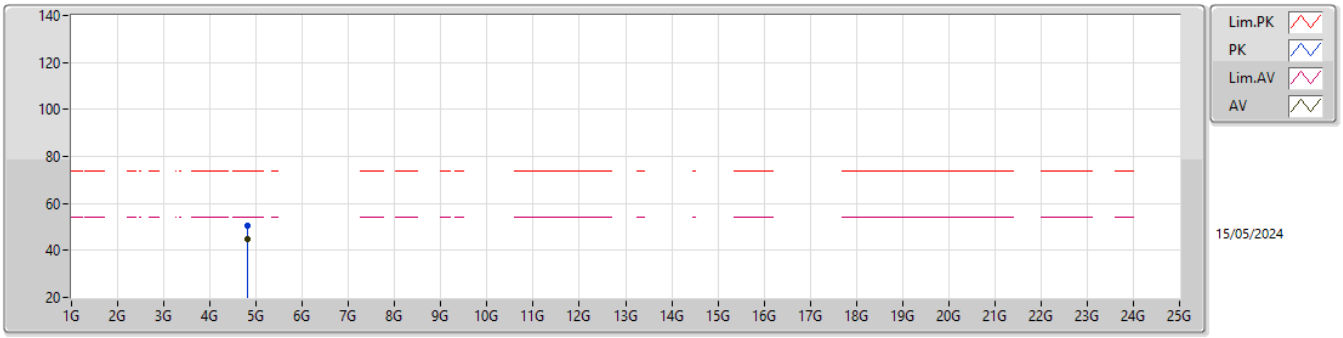


EUT Z_2TX
Setting 25.5
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3838G	59.19	74.00	-14.81	26.27	3	Horizontal	42	1.20	-	28.44	4.48	-
AV	2.3886G	49.61	54.00	-4.39	16.63	3	Horizontal	42	1.20	-	28.49	4.49	-
PK	2.4106G	114.87	Inf	-Inf	81.96	3	Horizontal	42	1.20	-	28.40	4.51	-
AV	2.4104G	111.59	Inf	-Inf	78.68	3	Horizontal	42	1.20	-	28.40	4.51	-

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

2412MHz_TX

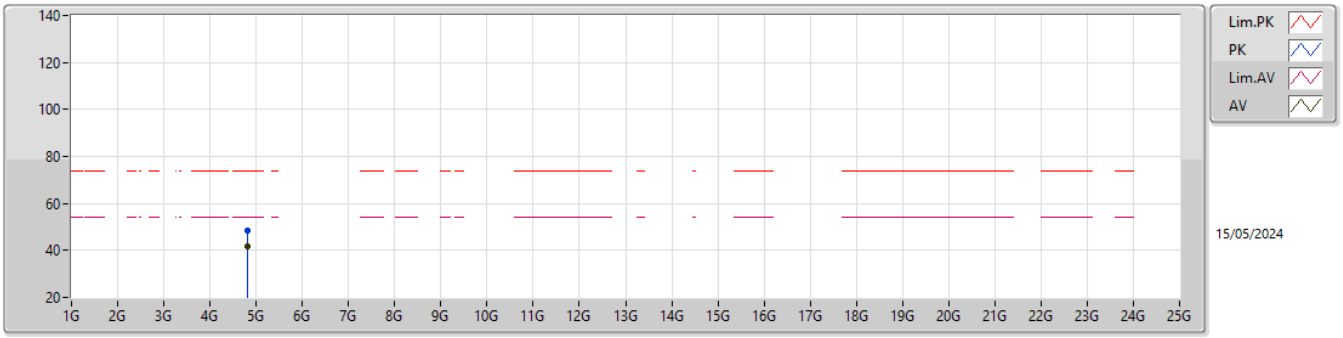


EUT Z_2TX
Setting 25.5
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82388G	50.26	74.00	-23.74	45.00	3	Vertical	173	1.01	-	31.30	6.93	32.97
AV	4.82396G	44.87	54.00	-9.13	39.61	3	Vertical	173	1.01	-	31.30	6.93	32.97

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

2412MHz_TX

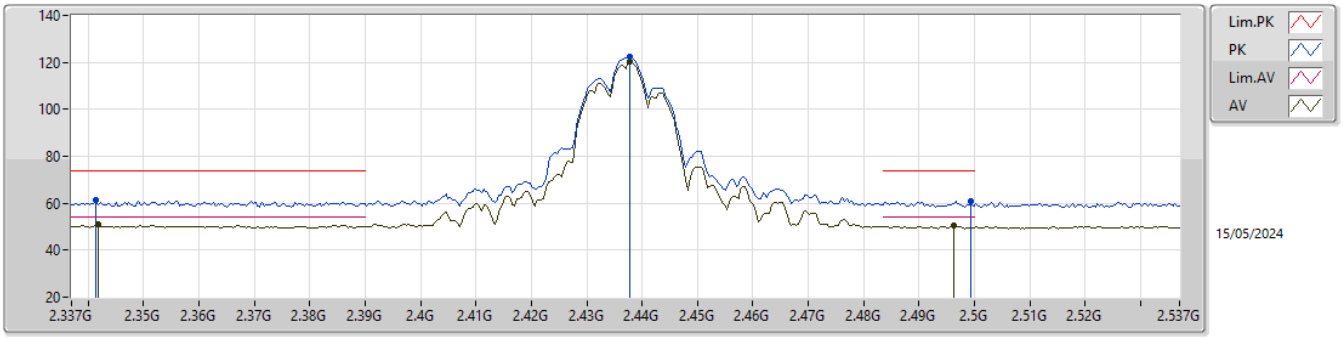


EUT Z_2TX
Setting 25.5
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82424G	48.60	74.00	-25.40	43.34	3	Horizontal	264	1.00	-	31.30	6.93	32.97
AV	4.824G	41.76	54.00	-12.24	36.50	3	Horizontal	264	1.00	-	31.30	6.93	32.97

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

2437MHz_TX

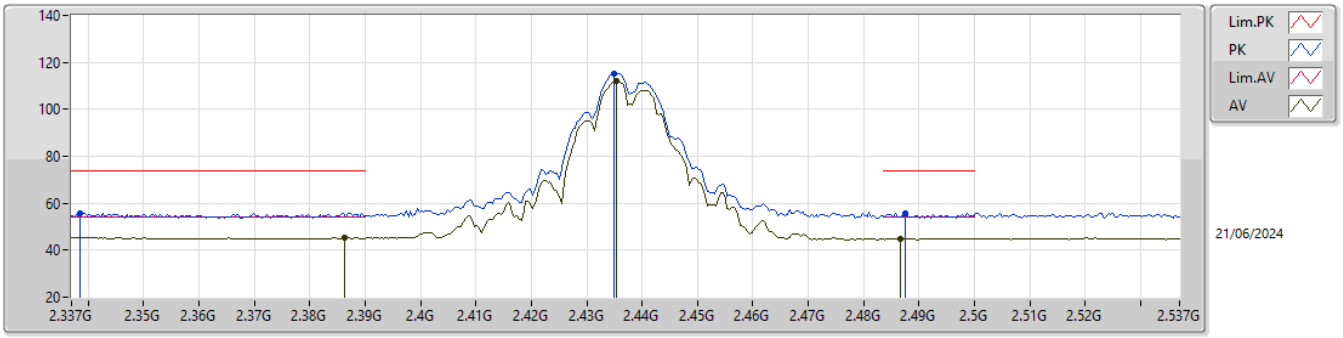


EUT Z_2TX
Setting 27
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3414G	61.47	74.00	-12.53	28.88	3	Vertical	81	1.20	-	28.00	4.59	-
AV	2.3418G	50.82	54.00	-3.18	18.23	3	Vertical	81	1.20	-	28.00	4.59	-
PK	2.4378G	122.34	Inf	-Inf	90.18	3	Vertical	81	1.20	-	27.52	4.64	-
AV	2.4378G	120.19	Inf	-Inf	88.03	3	Vertical	81	1.20	-	27.52	4.64	-
PK	2.4994G	60.72	74.00	-13.28	28.63	3	Vertical	81	1.20	-	27.50	4.59	-
AV	2.4962G	50.26	54.00	-3.74	18.17	3	Vertical	81	1.20	-	27.50	4.59	-

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

2437MHz_TX

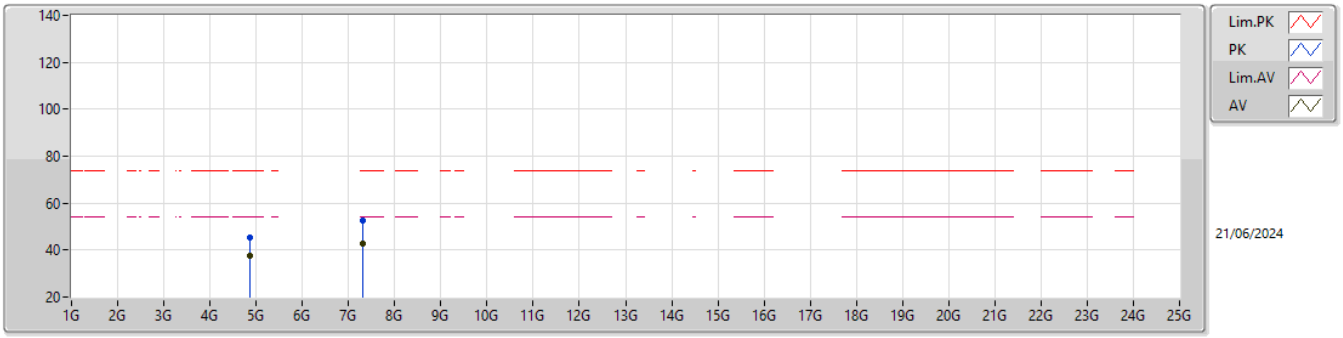


EUT Z_2TX
Setting 27
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3386G	55.79	74.00	-18.21	23.21	3	Horizontal	40	1.18	-	28.00	4.58	-
AV	2.3862G	45.45	54.00	-8.55	13.10	3	Horizontal	40	1.18	-	27.70	4.65	-
PK	2.435G	115.30	Inf	-Inf	83.11	3	Horizontal	40	1.18	-	27.55	4.64	-
AV	2.4354G	112.08	Inf	-Inf	79.89	3	Horizontal	40	1.18	-	27.55	4.64	-
PK	2.4874G	55.78	74.00	-18.22	23.68	3	Horizontal	40	1.18	-	27.50	4.60	-
AV	2.4866G	44.91	54.00	-9.09	12.81	3	Horizontal	40	1.18	-	27.50	4.60	-

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

2437MHz_TX

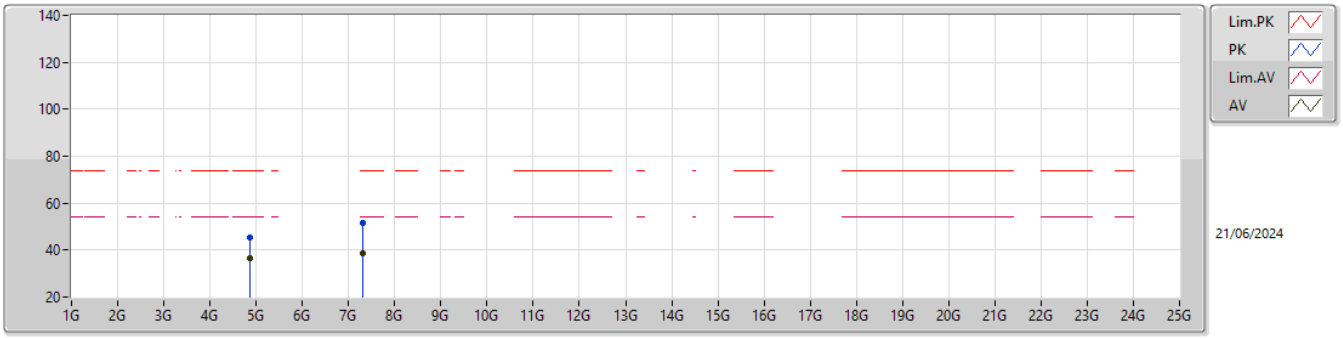


EUT Z_2TX
Setting 27
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87384G	45.58	74.00	-28.42	40.26	3	Vertical	23	2.44	-	31.30	6.98	32.96
AV	4.874G	37.41	54.00	-16.59	32.09	3	Vertical	23	2.44	-	31.30	6.98	32.96
PK	7.31232G	52.67	74.00	-21.33	40.90	3	Vertical	189	1.05	-	36.25	8.62	33.10
AV	7.3122G	42.80	54.00	-11.20	31.03	3	Vertical	189	1.05	-	36.25	8.62	33.10

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

2437MHz_TX

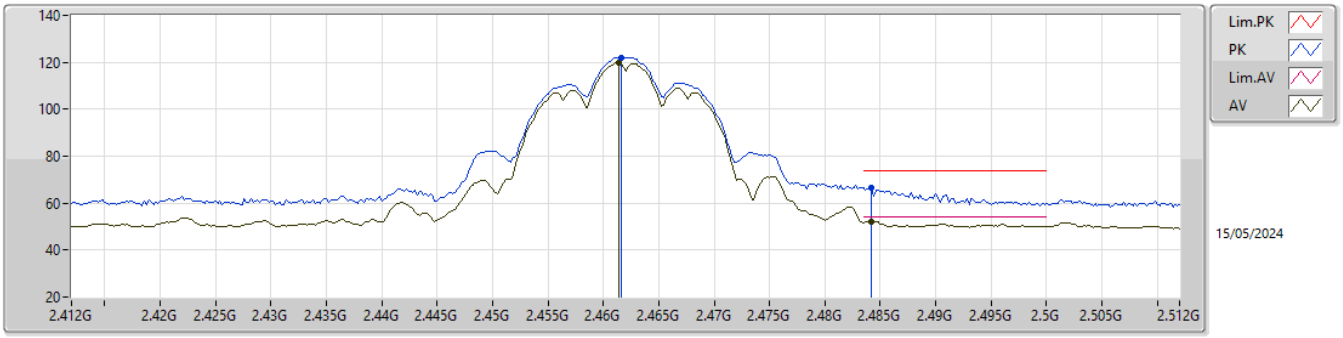


EUT Z_2TX
Setting 27
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87396G	45.22	74.00	-28.78	39.90	3	Horizontal	346	1.02	-	31.30	6.98	32.96
AV	4.87392G	36.42	54.00	-17.58	31.10	3	Horizontal	346	1.02	-	31.30	6.98	32.96
PK	7.31548G	51.35	74.00	-22.65	39.58	3	Horizontal	187	1.80	-	36.24	8.63	33.10
AV	7.31808G	38.50	54.00	-15.50	26.75	3	Horizontal	187	1.80	-	36.23	8.63	33.11

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

2462MHz_TX

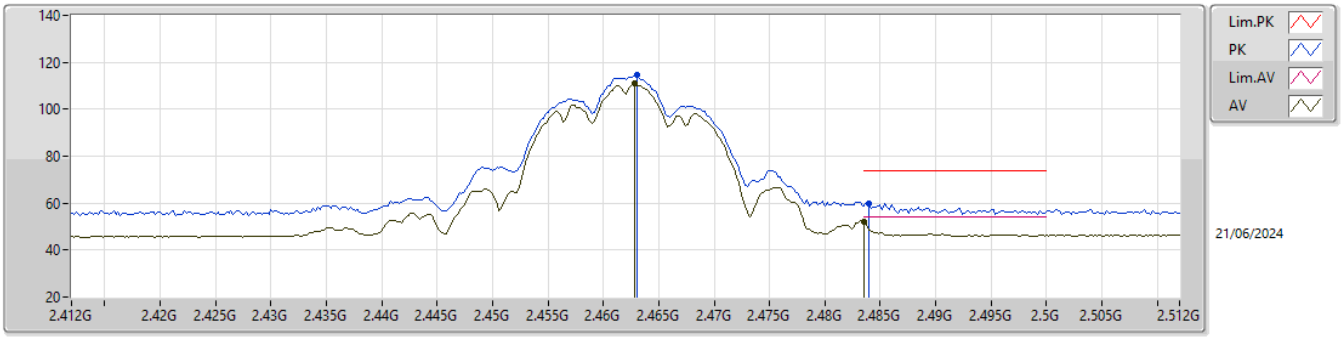


EUT Z_2TX
Setting 26.5
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4616G	122.02	Inf	-Inf	90.00	3	Vertical	85	1.01	-	27.40	4.62	-
AV	2.4614G	119.93	Inf	-Inf	87.91	3	Vertical	85	1.01	-	27.40	4.62	-
PK	2.4842G	66.48	74.00	-7.52	34.38	3	Vertical	85	1.01	-	27.50	4.60	-
AV	2.4842G	52.23	54.00	-1.77	20.13	3	Vertical	85	1.01	-	27.50	4.60	-

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

2462MHz_TX

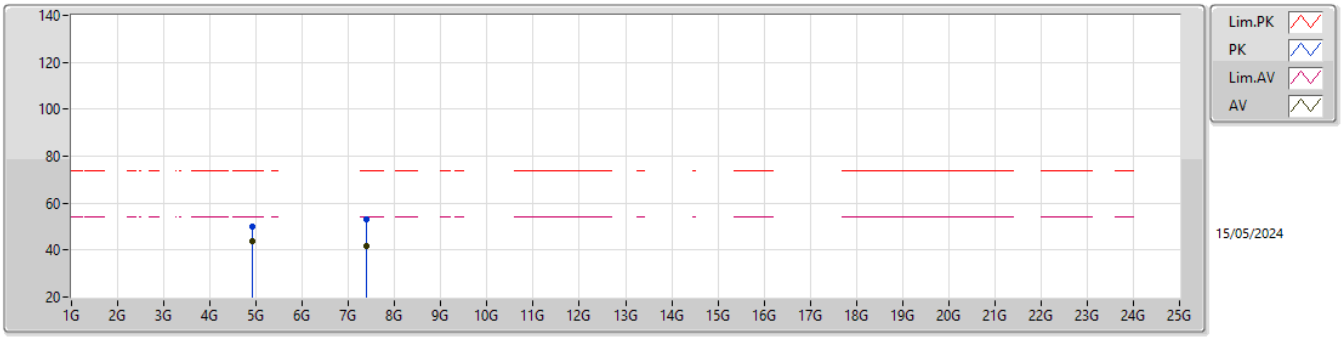


EUT Z_2TX
Setting 26.5
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	114.40	Inf	-Inf	81.41	3	Horizontal	26	2.17	-	28.43	4.56	-
AV	2.4628G	110.86	Inf	-Inf	77.87	3	Horizontal	26	2.17	-	28.43	4.56	-
PK	2.484G	59.69	74.00	-14.31	26.51	3	Horizontal	26	2.17	-	28.60	4.58	-
AV	2.4835G	52.31	54.00	-1.69	19.13	3	Horizontal	26	2.17	-	28.60	4.58	-

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

2462MHz_TX

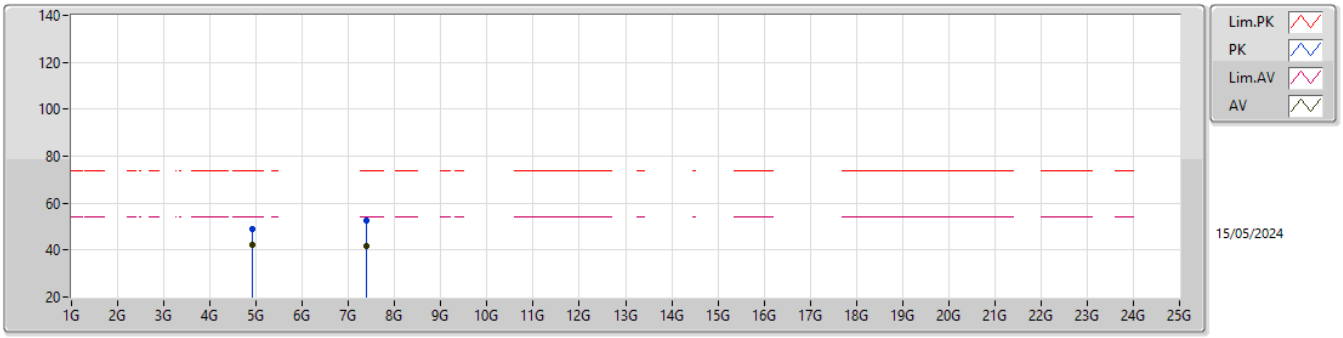


EUT Z_2TX
Setting 26.5
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92372G	50.01	74.00	-23.99	44.54	3	Vertical	190	1.80	-	31.39	7.03	32.95
AV	4.92398G	43.55	54.00	-10.45	38.07	3	Vertical	190	1.80	-	31.40	7.03	32.95
PK	7.3831G	53.02	74.00	-20.98	41.33	3	Vertical	341	1.80	-	36.10	8.71	33.12
AV	7.38618G	41.67	54.00	-12.33	29.99	3	Vertical	341	1.80	-	36.10	8.71	33.13

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

2462MHz_TX

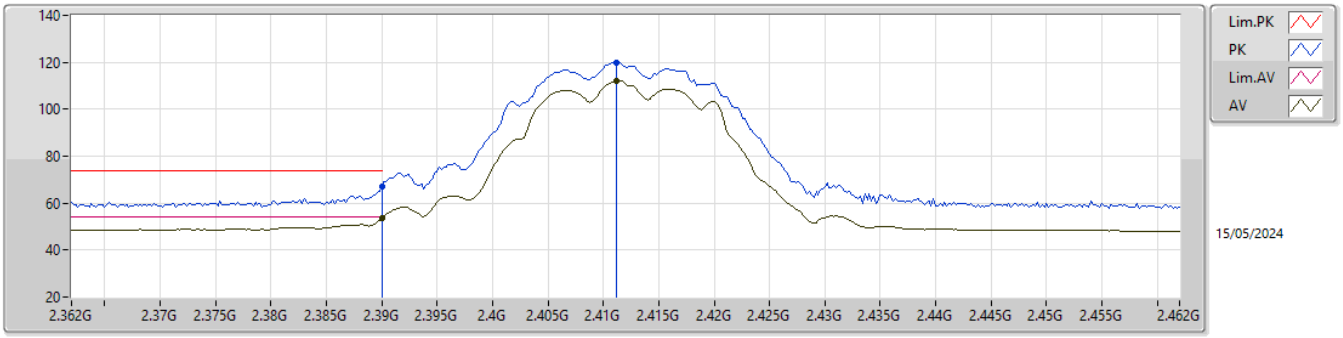


EUT Z_2TX
Setting 26.5
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92402G	49.11	74.00	-24.89	43.63	3	Horizontal	261	1.08	-	31.40	7.03	32.95
AV	4.92388G	42.07	54.00	-11.93	36.59	3	Horizontal	261	1.08	-	31.40	7.03	32.95
PK	7.381G	52.37	74.00	-21.63	40.68	3	Horizontal	276	1.44	-	36.10	8.71	33.12
AV	7.38758G	41.64	54.00	-12.36	29.95	3	Horizontal	276	1.44	-	36.10	8.72	33.13

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

2412MHz_TX

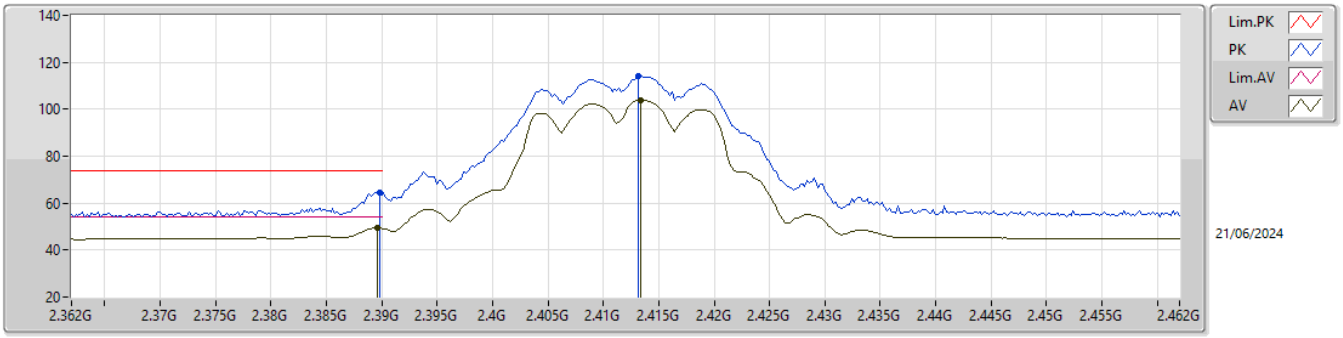


EUT Z_2TX
Setting 22
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	67.32	74.00	-6.68	34.96	3	Vertical	344	2.95	-	27.70	4.66	-
AV	2.39G	53.55	54.00	-0.45	21.19	3	Vertical	344	2.95	-	27.70	4.66	-
PK	2.4112G	120.05	Inf	-Inf	87.78	3	Vertical	344	2.95	-	27.61	4.66	-
AV	2.4112G	112.25	Inf	-Inf	79.98	3	Vertical	344	2.95	-	27.61	4.66	-

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

2412MHz_TX

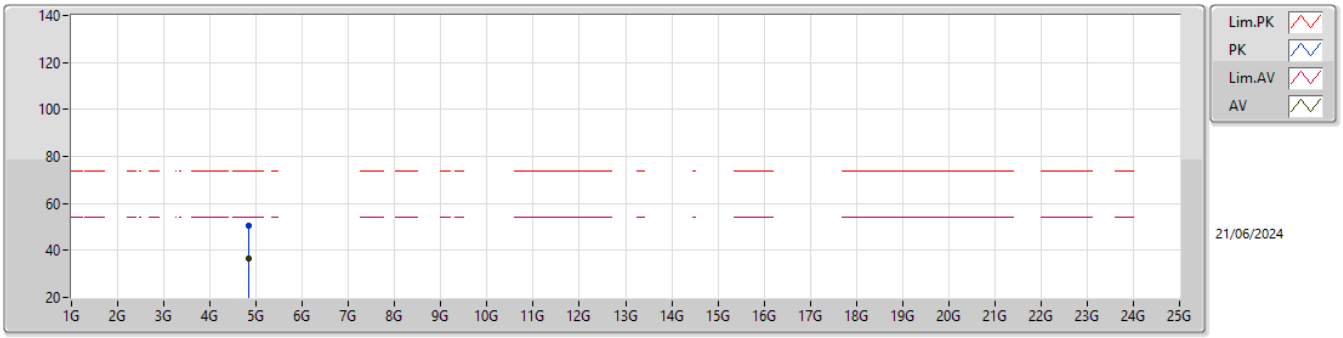


EUT Z_2TX
Setting 22
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	64.47	74.00	-9.53	31.48	3	Horizontal	42	1.33	-	28.50	4.49	-
AV	2.3896G	49.41	54.00	-4.59	16.42	3	Horizontal	42	1.33	-	28.50	4.49	-
PK	2.4132G	114.16	Inf	-Inf	81.25	3	Horizontal	42	1.33	-	28.40	4.51	-
AV	2.4134G	103.94	Inf	-Inf	71.03	3	Horizontal	42	1.33	-	28.40	4.51	-

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

2412MHz_TX

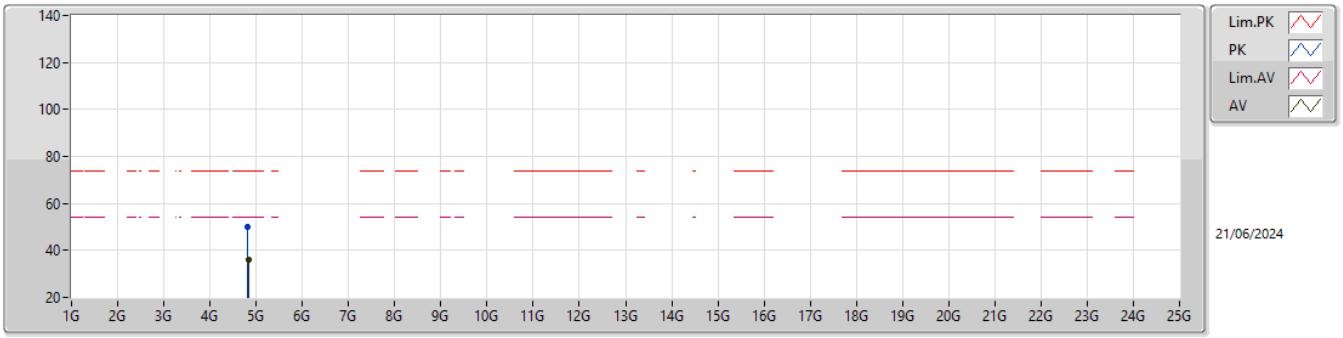


EUT Z_2TX
Setting 22
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.83352G	50.37	74.00	-23.63	39.78	3	Vertical	172	1.76	-	33.17	8.09	30.67
AV	4.8276G	36.44	54.00	-17.56	25.87	3	Vertical	172	1.76	-	33.16	8.08	30.67

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

2412MHz_TX

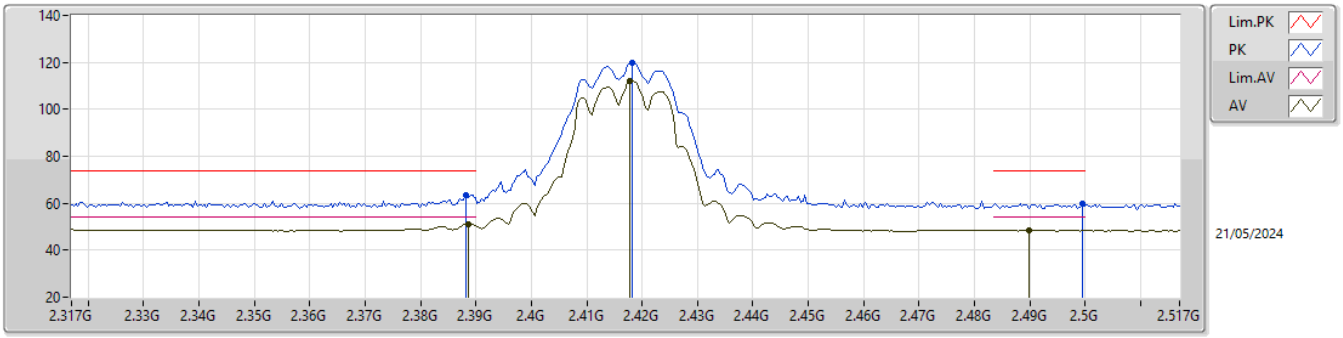


EUT Z_2TX
Setting 22
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8222G	50.10	74.00	-23.90	39.57	3	Horizontal	221	2.07	-	33.14	8.07	30.68
AV	4.82636G	36.18	54.00	-17.82	25.62	3	Horizontal	221	2.07	-	33.15	8.08	30.67

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

2417MHz_TX

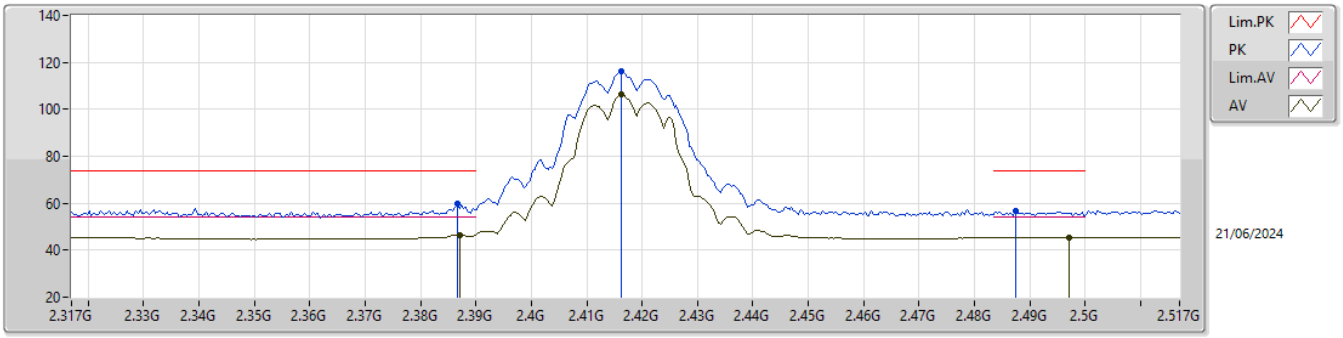


EUT Z_2TX
Setting 23
03-H-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3882G	63.60	74.00	-10.40	30.95	3	Vertical	350	1.64	-	28.28	4.37	-
AV	2.3886G	51.21	54.00	-2.79	18.55	3	Vertical	350	1.64	-	28.29	4.37	-
PK	2.4182G	119.98	Inf	-Inf	87.29	3	Vertical	350	1.64	-	28.30	4.39	-
AV	2.4178G	112.08	Inf	-Inf	79.39	3	Vertical	350	1.64	-	28.30	4.39	-
PK	2.4994G	60.06	74.00	-13.94	27.22	3	Vertical	350	1.64	-	28.40	4.44	-
AV	2.4898G	48.30	54.00	-5.70	15.46	3	Vertical	350	1.64	-	28.40	4.44	-

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

2417MHz_TX

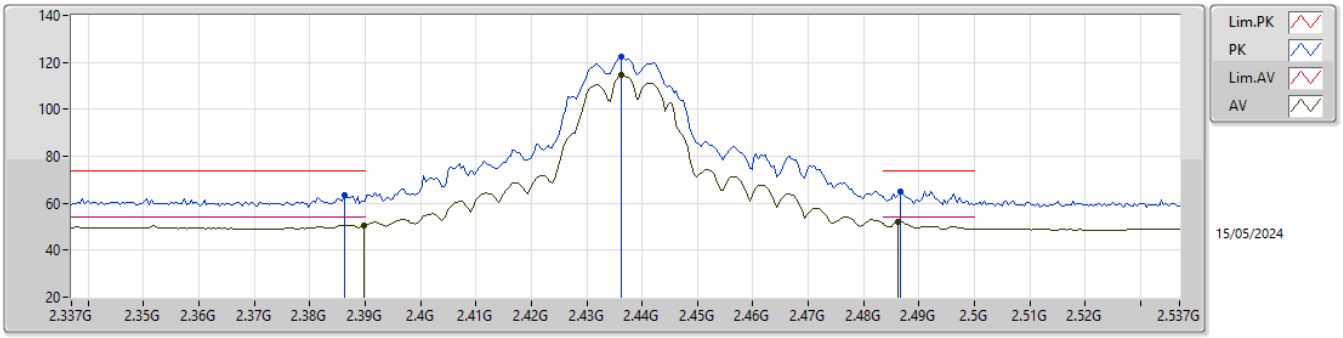


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3866G	59.70	74.00	-14.30	26.74	3	Horizontal	43	1.18	-	28.47	4.49	-
AV	2.387G	46.47	54.00	-7.53	13.51	3	Horizontal	43	1.18	-	28.47	4.49	-
PK	2.4162G	116.30	Inf	-Inf	83.38	3	Horizontal	43	1.18	-	28.40	4.52	-
AV	2.4162G	106.42	Inf	-Inf	73.50	3	Horizontal	43	1.18	-	28.40	4.52	-
PK	2.4874G	56.59	74.00	-17.41	23.40	3	Horizontal	43	1.18	-	28.60	4.59	-
AV	2.497G	45.36	54.00	-8.64	12.16	3	Horizontal	43	1.18	-	28.60	4.60	-

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

2437MHz_TX

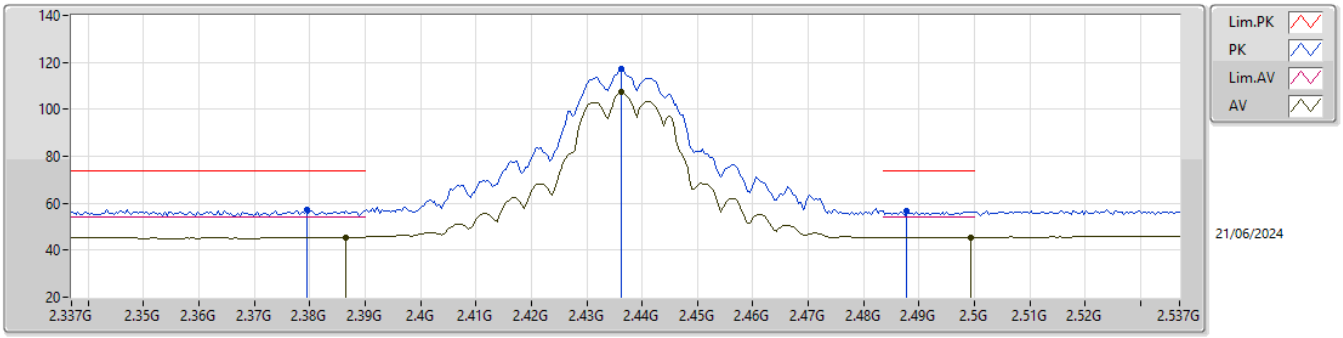


EUT Z_2TX
Setting 25
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3862G	63.67	74.00	-10.33	31.32	3	Vertical	83	1.80	-	27.70	4.65	-
AV	2.3898G	50.59	54.00	-3.41	18.23	3	Vertical	83	1.80	-	27.70	4.66	-
PK	2.4362G	122.49	Inf	-Inf	90.31	3	Vertical	83	1.80	-	27.54	4.64	-
AV	2.4362G	114.81	Inf	-Inf	82.63	3	Vertical	83	1.80	-	27.54	4.64	-
PK	2.4866G	65.13	74.00	-8.87	33.03	3	Vertical	83	1.80	-	27.50	4.60	-
AV	2.4862G	51.83	54.00	-2.17	19.73	3	Vertical	83	1.80	-	27.50	4.60	-

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

2437MHz_TX

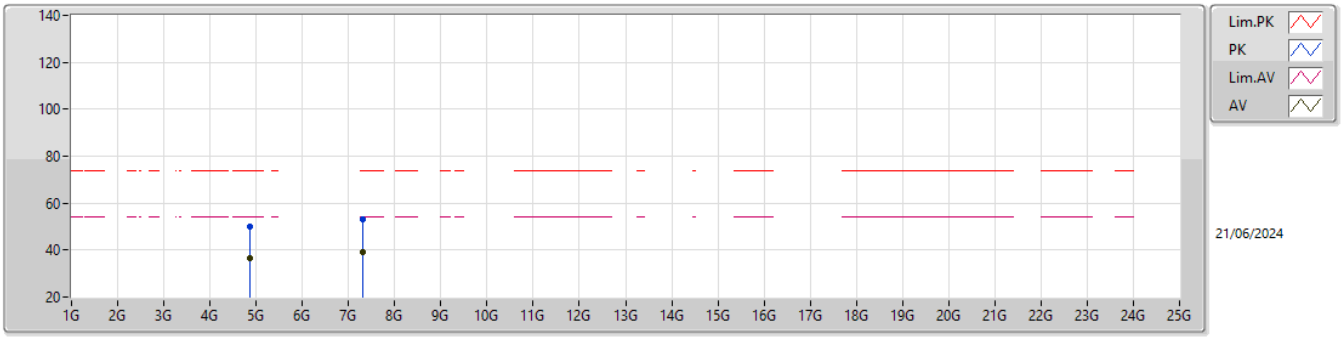


EUT Z_2TX
Setting 25
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3794G	57.20	74.00	-16.80	24.32	3	Horizontal	44	1.72	-	28.40	4.48	-
AV	2.3866G	45.51	54.00	-8.49	12.55	3	Horizontal	44	1.72	-	28.47	4.49	-
PK	2.4362G	117.10	Inf	-Inf	84.06	3	Horizontal	44	1.72	-	28.50	4.54	-
AV	2.4362G	107.18	Inf	-Inf	74.14	3	Horizontal	44	1.72	-	28.50	4.54	-
PK	2.4878G	56.64	74.00	-17.36	23.45	3	Horizontal	44	1.72	-	28.60	4.59	-
AV	2.4994G	45.53	54.00	-8.47	12.33	3	Horizontal	44	1.72	-	28.60	4.60	-

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

2437MHz_TX

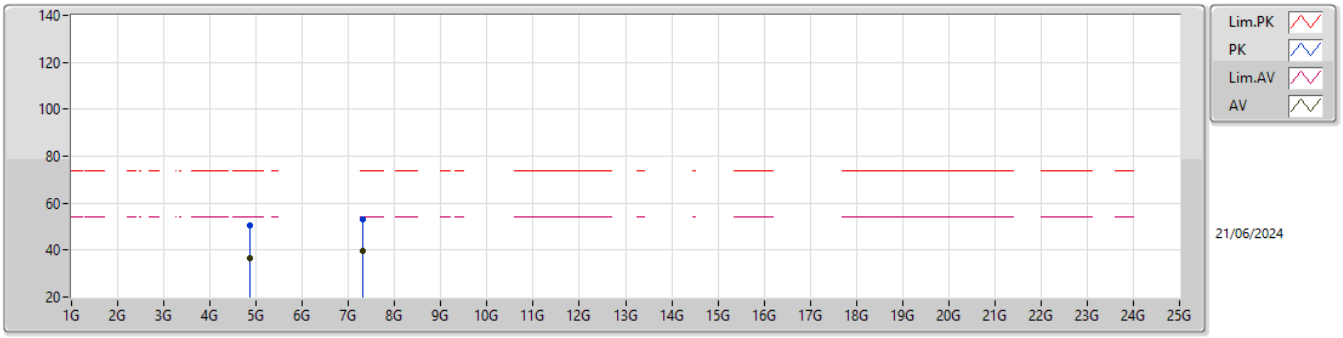


EUT Z_2TX
Setting 25
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87374G	50.10	74.00	-23.90	39.35	3	Vertical	352	1.02	-	33.25	8.14	30.64
AV	4.872G	36.42	54.00	-17.58	25.68	3	Vertical	352	1.02	-	33.24	8.14	30.64
PK	7.30714G	53.05	74.00	-20.95	39.40	3	Vertical	51	2.42	-	36.43	9.33	32.11
AV	7.3142G	39.33	54.00	-14.67	25.67	3	Vertical	51	2.42	-	36.46	9.32	32.12

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

2437MHz_TX

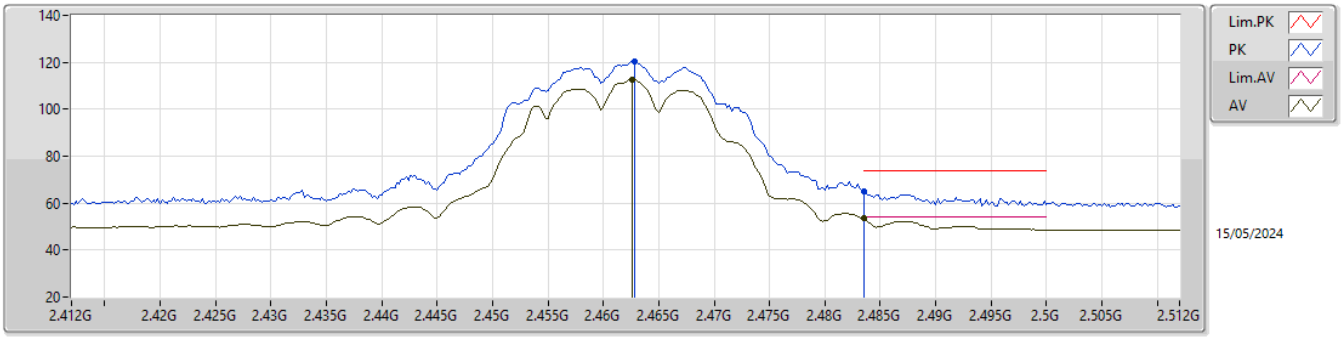


EUT Z_2TX
Setting 25
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87502G	50.38	74.00	-23.62	39.62	3	Horizontal	131	1.37	-	33.25	8.15	30.64
AV	4.87202G	36.40	54.00	-17.60	25.66	3	Horizontal	131	1.37	-	33.24	8.14	30.64
PK	7.30468G	52.97	74.00	-21.03	39.33	3	Horizontal	74	1.45	-	36.42	9.33	32.11
AV	7.31996G	39.50	54.00	-14.50	25.82	3	Horizontal	74	1.45	-	36.48	9.32	32.12

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

2462MHz_TX

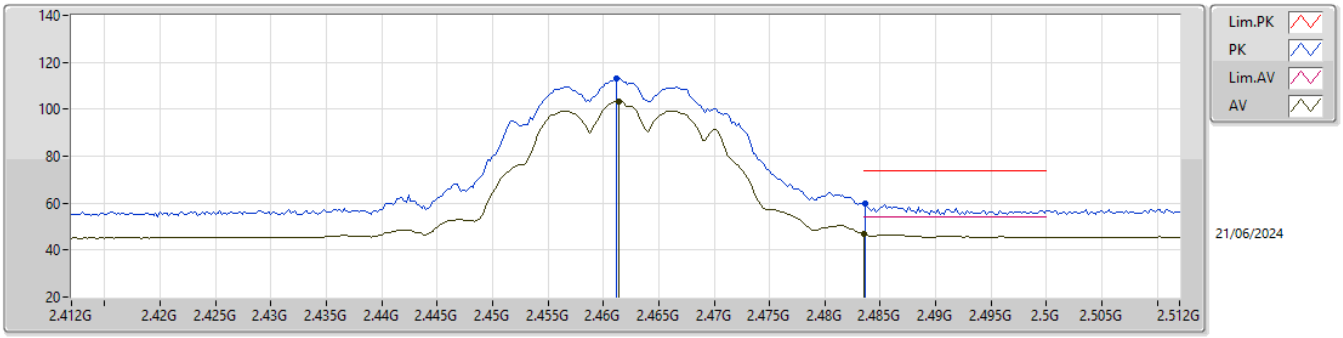


EUT Z_2TX
Setting 23
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4628G	120.34	Inf	-Inf	88.32	3	Vertical	31	1.80	-	27.40	4.62	-
AV	2.4626G	112.69	Inf	-Inf	80.67	3	Vertical	31	1.80	-	27.40	4.62	-
PK	2.4835G	65.08	74.00	-8.92	32.98	3	Vertical	31	1.80	-	27.50	4.60	-
AV	2.4835G	53.80	54.00	-0.20	21.70	3	Vertical	31	1.80	-	27.50	4.60	-

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

2462MHz_TX

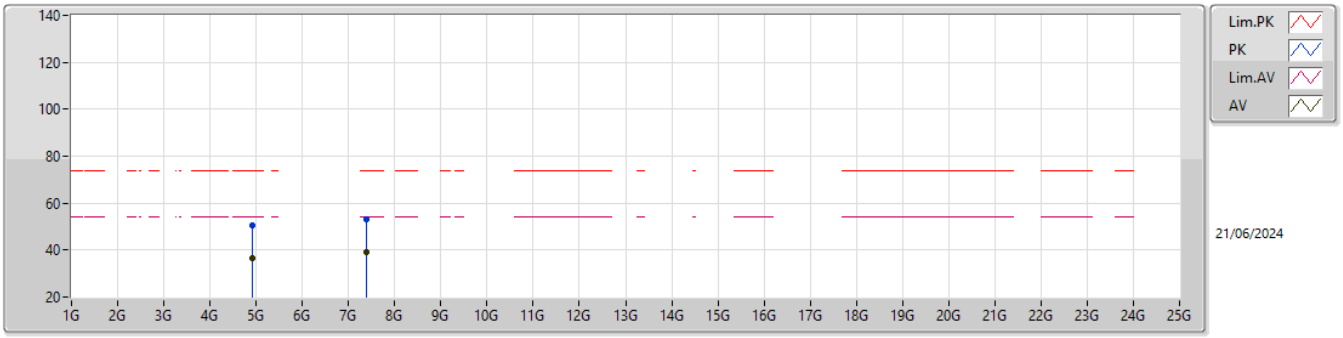


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4612G	113.29	Inf	-Inf	80.32	3	Horizontal	25	2.96	-	28.41	4.56	-
AV	2.4614G	103.49	Inf	-Inf	70.52	3	Horizontal	25	2.96	-	28.41	4.56	-
PK	2.4836G	59.79	74.00	-14.21	26.61	3	Horizontal	25	2.96	-	28.60	4.58	-
AV	2.4835G	46.82	54.00	-7.18	13.64	3	Horizontal	25	2.96	-	28.60	4.58	-

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

2462MHz_TX

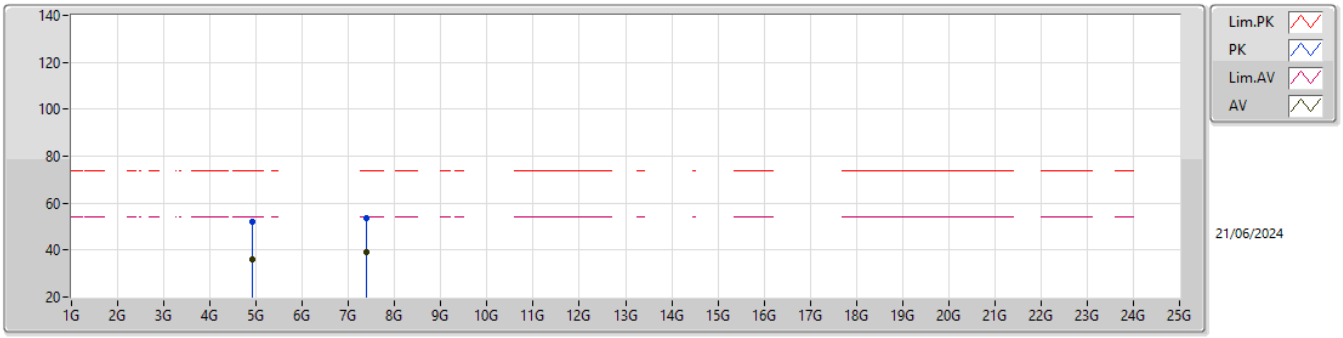


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92696G	50.49	74.00	-23.51	39.53	3	Vertical	161	1.70	-	33.35	8.22	30.61
AV	4.91972G	36.44	54.00	-17.56	25.50	3	Vertical	161	1.70	-	33.34	8.21	30.61
PK	7.38992G	53.00	74.00	-21.00	39.27	3	Vertical	19	1.16	-	36.60	9.29	32.16
AV	7.39062G	39.32	54.00	-14.68	25.59	3	Vertical	19	1.16	-	36.60	9.29	32.16

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

2462MHz_TX

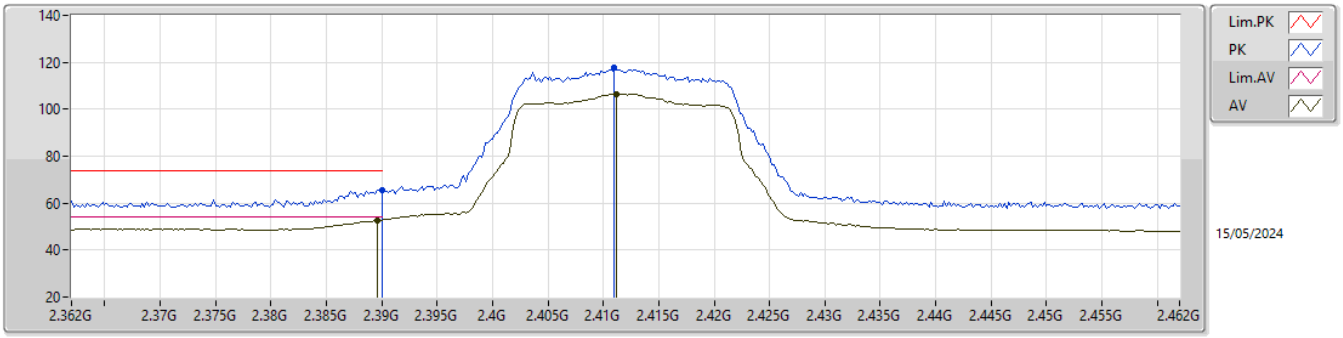


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.91936G	51.90	74.00	-22.10	40.96	3	Horizontal	356	2.04	-	33.34	8.21	30.61
AV	4.92008G	36.12	54.00	-17.88	25.18	3	Horizontal	356	2.04	-	33.34	8.21	30.61
PK	7.38108G	53.47	74.00	-20.53	39.72	3	Horizontal	238	2.64	-	36.60	9.30	32.15
AV	7.38754G	39.31	54.00	-14.69	25.58	3	Horizontal	238	2.64	-	36.60	9.29	32.16

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

2412MHz_TX

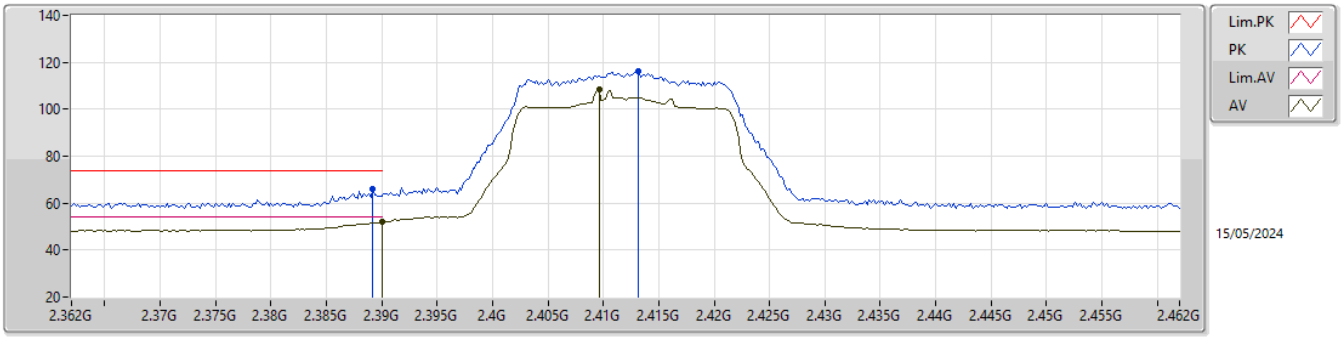


EUT Z_2TX
Setting 23
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.39G	65.51	74.00	-8.49	33.15	3	Vertical	100	1.10	-	27.70	4.66	-
AV	2.3896G	52.84	54.00	-1.16	20.49	3	Vertical	100	1.10	-	27.70	4.65	-
PK	2.411G	117.85	Inf	-Inf	85.58	3	Vertical	100	1.10	-	27.61	4.66	-
AV	2.4112G	106.55	Inf	-Inf	74.28	3	Vertical	100	1.10	-	27.61	4.66	-

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

2412MHz_TX

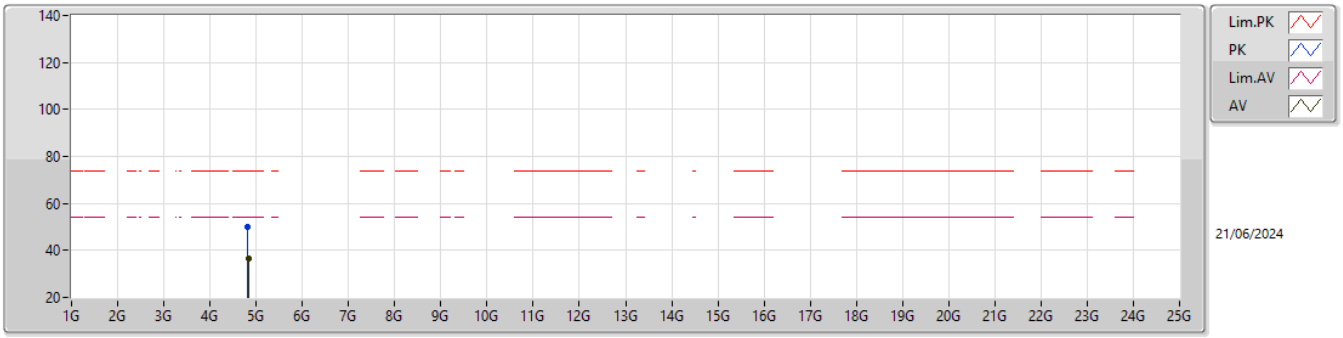


EUT Z_2TX
Setting 23
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3892G	65.99	74.00	-8.01	33.64	3	Horizontal	40.9	1.00	-	27.70	4.65	-
AV	2.39G	52.10	54.00	-1.90	19.74	3	Horizontal	40.9	1.00	-	27.70	4.66	-
PK	2.4132G	116.15	Inf	-Inf	83.86	3	Horizontal	40.9	1.00	-	27.63	4.66	-
AV	2.4096G	108.25	Inf	-Inf	75.99	3	Horizontal	40.9	1.00	-	27.60	4.66	-

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

2412MHz_TX

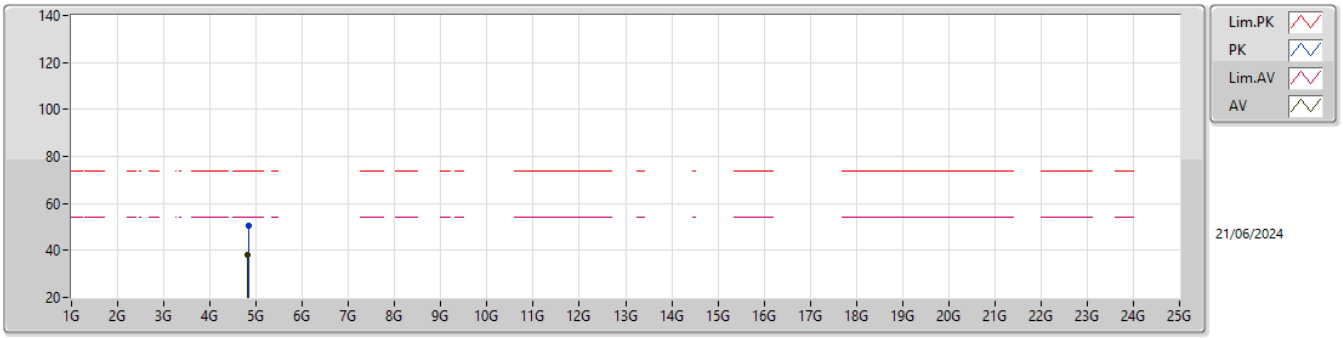


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82364G	50.16	74.00	-23.84	39.62	3	Vertical	188	1.52	-	33.15	8.07	30.68
AV	4.82828G	36.73	54.00	-17.27	26.16	3	Vertical	188	1.52	-	33.16	8.08	30.67

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

2412MHz_TX

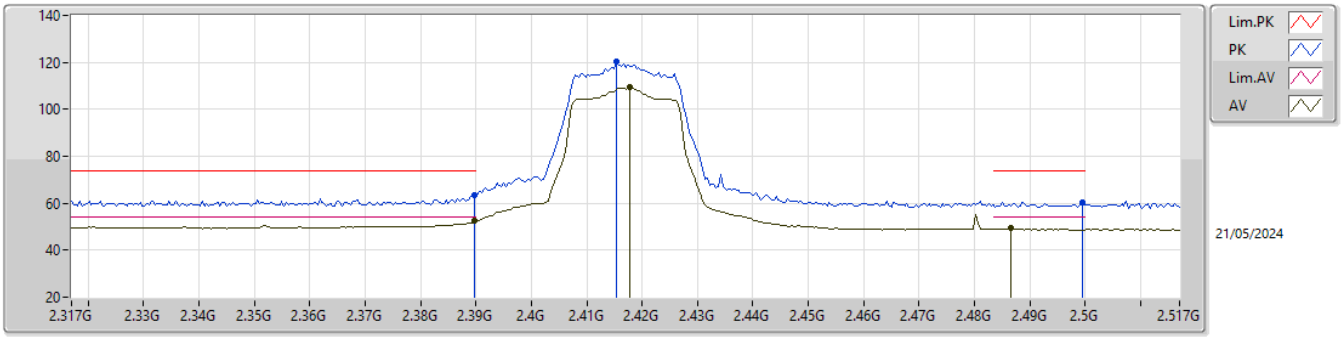


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.82572G	50.34	74.00	-23.66	39.79	3	Horizontal	52	2.96	-	33.15	8.08	30.68
AV	4.82348G	37.91	54.00	-16.09	27.37	3	Horizontal	52	2.96	-	33.15	8.07	30.68

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

2417MHz_TX

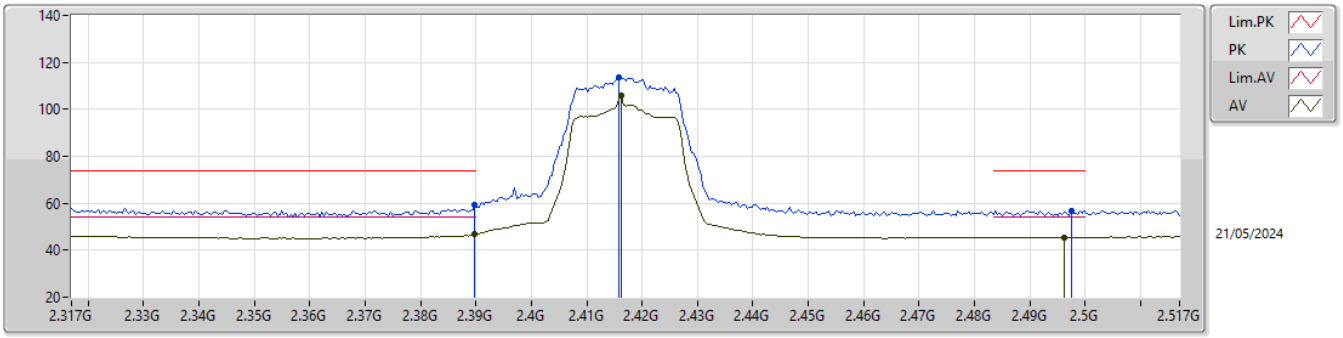


EUT Z_2TX
Setting 25
03-H-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3898G	63.62	74.00	-10.38	30.95	3	Vertical	355	2.43	-	28.30	4.37	-
AV	2.3898G	52.38	54.00	-1.62	19.71	3	Vertical	355	2.43	-	28.30	4.37	-
PK	2.4154G	120.59	Inf	-Inf	87.90	3	Vertical	355	2.43	-	28.30	4.39	-
AV	2.4178G	109.27	Inf	-Inf	76.58	3	Vertical	355	2.43	-	28.30	4.39	-
PK	2.4994G	60.60	74.00	-13.40	27.76	3	Vertical	355	2.43	-	28.40	4.44	-
AV	2.4866G	49.54	54.00	-4.46	16.73	3	Vertical	355	2.43	-	28.37	4.44	-

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

2417MHz_TX

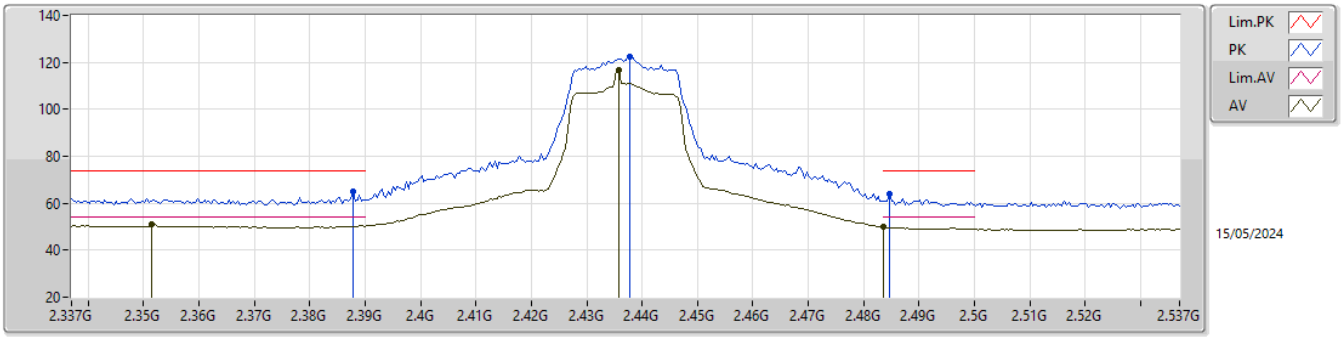


EUT Z_2TX
Setting 25
02-E-A-4

Type	Freq	Level	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	59.46	74.00	-14.54	26.47	3	Horizontal	76	1.18	-	28.50	4.49	-
AV	2.3898G	46.67	54.00	-7.33	13.68	3	Horizontal	76	1.18	-	28.50	4.49	-
PK	2.4158G	113.44	Inf	-Inf	80.52	3	Horizontal	76	1.18	-	28.40	4.52	-
AV	2.4162G	105.65	Inf	-Inf	72.73	3	Horizontal	76	1.18	-	28.40	4.52	-
PK	2.4974G	56.93	74.00	-17.07	23.73	3	Horizontal	76	1.18	-	28.60	4.60	-
AV	2.4962G	45.57	54.00	-8.43	12.37	3	Horizontal	76	1.18	-	28.60	4.60	-

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

2437MHz_TX

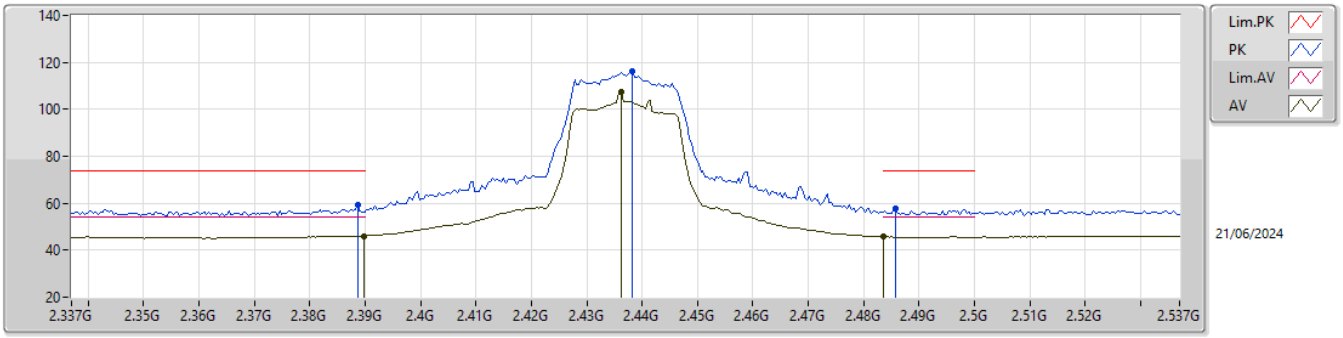


EUT Z_2TX
Setting 27
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3878G	64.88	74.00	-9.12	32.53	3	Vertical	96	1.23	-	27.70	4.65	-
AV	2.3514G	51.08	54.00	-2.92	18.49	3	Vertical	96	1.23	-	27.99	4.60	-
PK	2.4378G	122.29	Inf	-Inf	90.13	3	Vertical	96	1.23	-	27.52	4.64	-
AV	2.4358G	116.65	Inf	-Inf	84.47	3	Vertical	96	1.23	-	27.54	4.64	-
PK	2.4846G	63.78	74.00	-10.22	31.68	3	Vertical	96	1.23	-	27.50	4.60	-
AV	2.4835G	49.99	54.00	-4.01	17.89	3	Vertical	96	1.23	-	27.50	4.60	-

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

2437MHz_TX

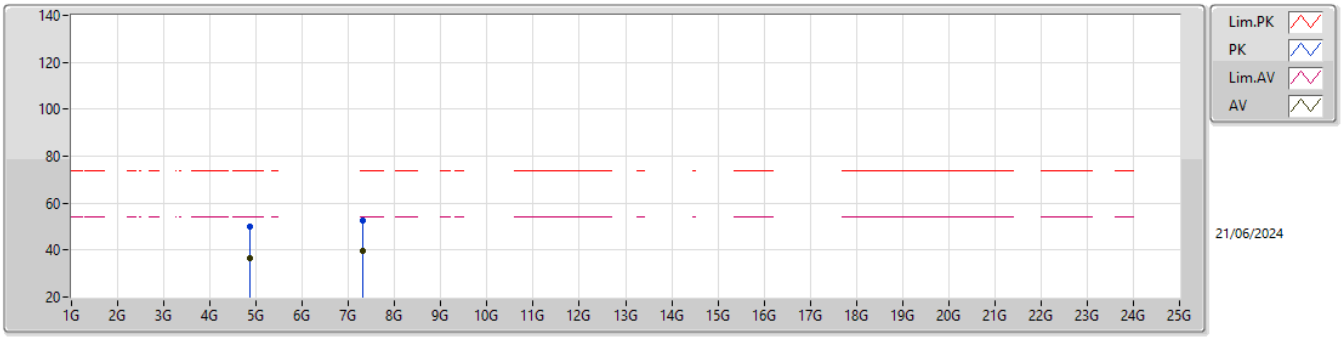


EUT Z_2TX
Setting 27
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	59.18	74.00	-14.82	26.20	3	Horizontal	42	1.20	-	28.49	4.49	-
AV	2.3898G	46.11	54.00	-7.89	13.12	3	Horizontal	42	1.20	-	28.50	4.49	-
PK	2.4382G	116.38	Inf	-Inf	83.34	3	Horizontal	42	1.20	-	28.50	4.54	-
AV	2.4362G	107.37	Inf	-Inf	74.33	3	Horizontal	42	1.20	-	28.50	4.54	-
PK	2.4858G	57.86	74.00	-16.14	24.67	3	Horizontal	42	1.20	-	28.60	4.59	-
AV	2.4835G	45.75	54.00	-8.25	12.57	3	Horizontal	42	1.20	-	28.60	4.58	-

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

2437MHz_TX

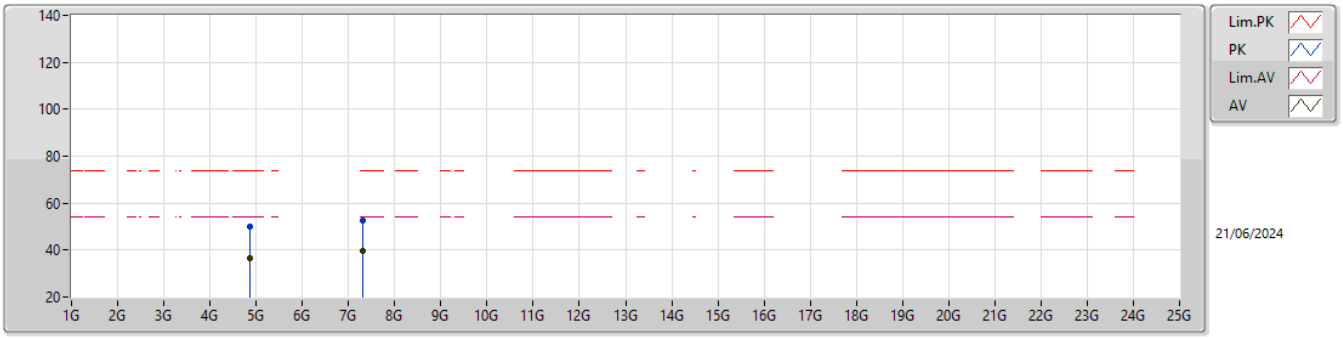


EUT Z_2TX
Setting 27
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86926G	50.10	74.00	-23.90	39.37	3	Vertical	11	1.79	-	33.24	8.14	30.65
AV	4.8728G	36.36	54.00	-17.64	25.61	3	Vertical	11	1.79	-	33.25	8.14	30.64
PK	7.31502G	52.58	74.00	-21.42	38.92	3	Vertical	312	1.87	-	36.46	9.32	32.12
AV	7.31578G	39.40	54.00	-14.60	25.74	3	Vertical	312	1.87	-	36.46	9.32	32.12

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

2437MHz_TX

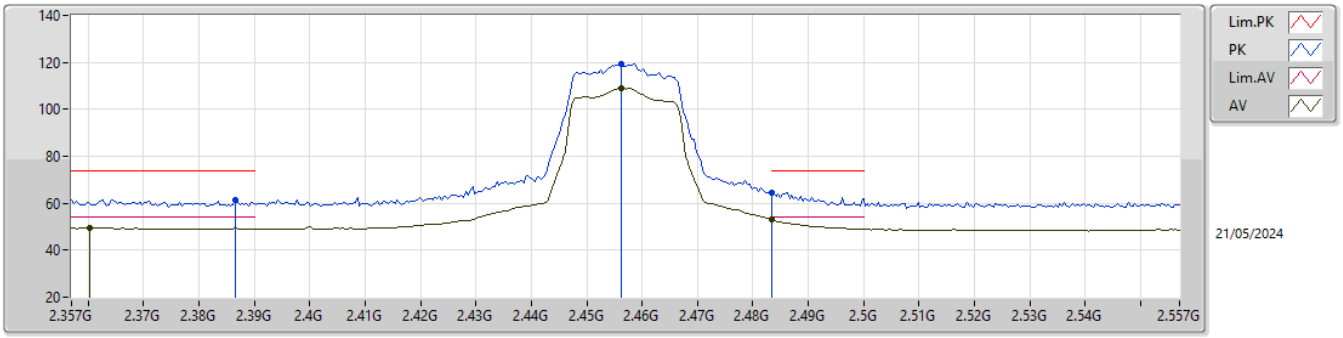


EUT Z_2TX
Setting 27
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87274G	49.76	74.00	-24.24	39.01	3	Horizontal	2	2.40	-	33.25	8.14	30.64
AV	4.87514G	36.44	54.00	-17.56	25.68	3	Horizontal	2	2.40	-	33.25	8.15	30.64
PK	7.3155G	52.47	74.00	-21.53	38.81	3	Horizontal	55	2.37	-	36.46	9.32	32.12
AV	7.31588G	39.47	54.00	-14.53	25.81	3	Horizontal	55	2.37	-	36.46	9.32	32.12

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

2457MHz_TX

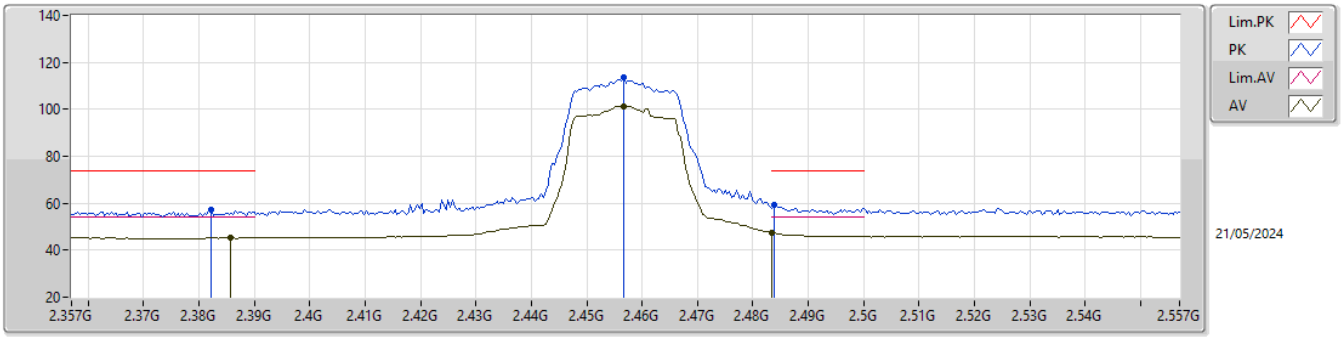


EUT Z_2TX
Setting 26
03-H-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3866G	61.61	74.00	-12.39	28.97	3	Vertical	40	1.40	-	28.27	4.37	-
AV	2.3602G	49.62	54.00	-4.38	17.08	3	Vertical	40	1.40	-	28.20	4.34	-
PK	2.4562G	119.14	Inf	-Inf	86.48	3	Vertical	40	1.40	-	28.24	4.42	-
AV	2.4562G	109.13	Inf	-Inf	76.47	3	Vertical	40	1.40	-	28.24	4.42	-
PK	2.4835G	64.67	74.00	-9.33	31.90	3	Vertical	40	1.40	-	28.34	4.43	-
AV	2.4835G	52.95	54.00	-1.05	20.18	3	Vertical	40	1.40	-	28.34	4.43	-

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

2457MHz_TX

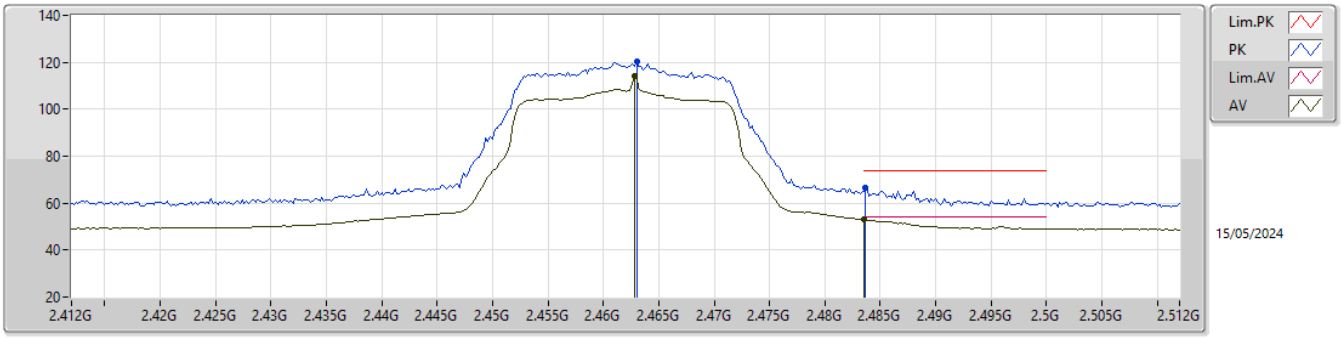


EUT Z_2TX
Setting 26
02-E-A-4

Type	Freq	Level	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	57.14	74.00	-16.86	24.24	3	Horizontal	39	2.90	-	28.42	4.48	-
AV	2.3858G	45.34	54.00	-8.66	12.39	3	Horizontal	39	2.90	-	28.46	4.49	-
PK	2.4566G	113.37	Inf	-Inf	80.38	3	Horizontal	39	2.90	-	28.43	4.56	-
AV	2.4566G	101.44	Inf	-Inf	68.45	3	Horizontal	39	2.90	-	28.43	4.56	-
PK	2.4838G	59.23	74.00	-14.77	26.05	3	Horizontal	39	2.90	-	28.60	4.58	-
AV	2.4835G	47.27	54.00	-6.73	14.09	3	Horizontal	39	2.90	-	28.60	4.58	-

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

2462MHz_TX

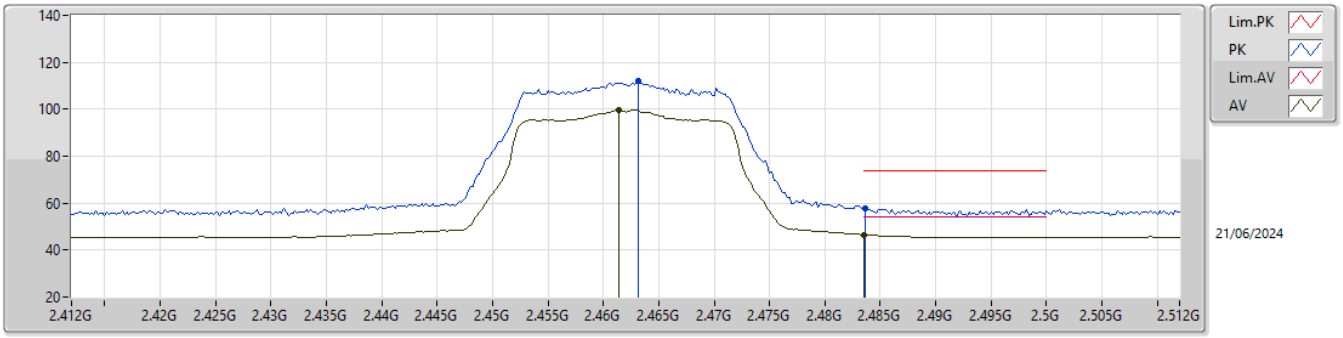


EUT Z_2TX
Setting 24
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.463G	120.45	Inf	-Inf	88.43	3	Vertical	79	1.06	-	27.40	4.62	-
AV	2.4628G	114.09	Inf	-Inf	82.07	3	Vertical	79	1.06	-	27.40	4.62	-
PK	2.4836G	66.74	74.00	-7.26	34.64	3	Vertical	79	1.06	-	27.50	4.60	-
AV	2.4835G	52.98	54.00	-1.02	20.88	3	Vertical	79	1.06	-	27.50	4.60	-

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

2462MHz_TX

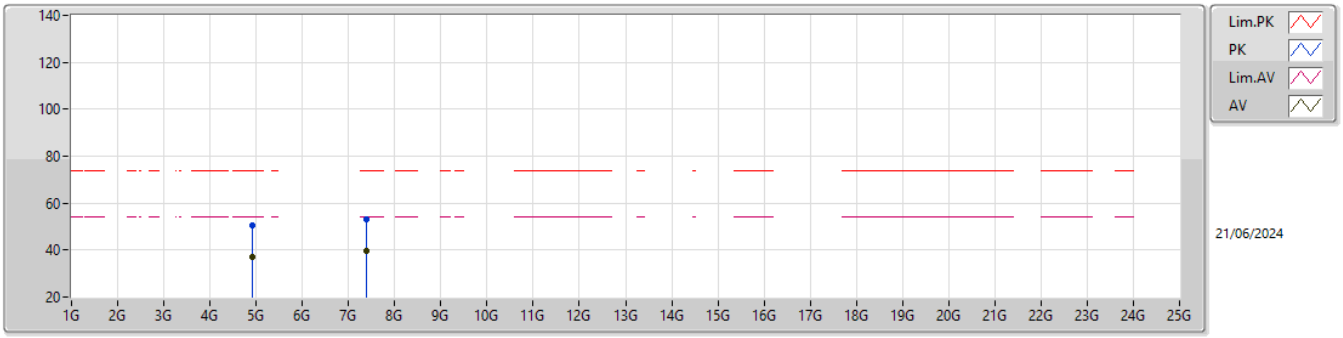


EUT Z_2TX
Setting 24
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.4632G	111.95	Inf	-Inf	78.96	3	Horizontal	44	1.30	-	28.43	4.56	-
AV	2.4614G	99.67	Inf	-Inf	66.70	3	Horizontal	44	1.30	-	28.41	4.56	-
PK	2.4836G	57.86	74.00	-16.14	24.68	3	Horizontal	44	1.30	-	28.60	4.58	-
AV	2.4835G	46.55	54.00	-7.45	13.37	3	Horizontal	44	1.30	-	28.60	4.58	-

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

2462MHz_TX

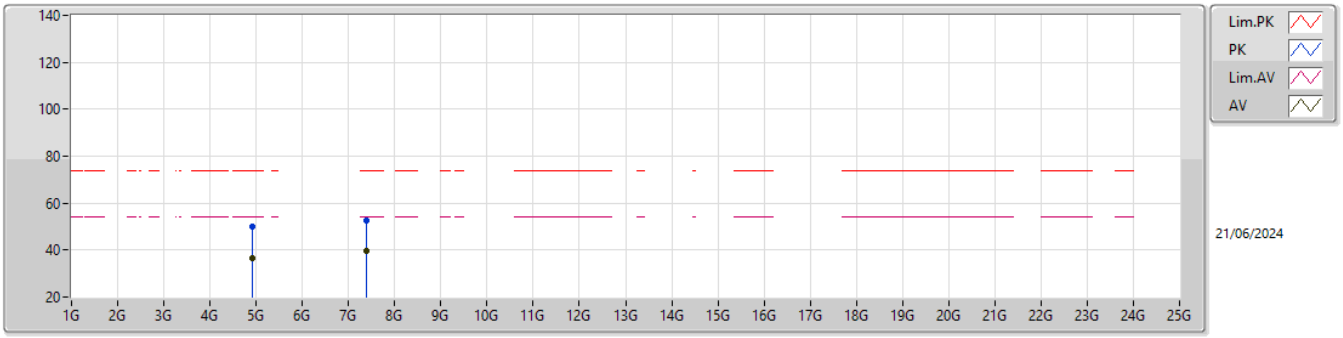


EUT Z_2TX
Setting 24
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92234G	50.49	74.00	-23.51	39.55	3	Vertical	85	2.67	-	33.34	8.21	30.61
AV	4.92252G	36.82	54.00	-17.18	25.87	3	Vertical	85	2.67	-	33.35	8.21	30.61
PK	7.38558G	53.10	74.00	-20.90	39.36	3	Vertical	57	1.92	-	36.60	9.30	32.16
AV	7.38598G	39.52	54.00	-14.48	25.78	3	Vertical	57	1.92	-	36.60	9.30	32.16

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

2462MHz_TX

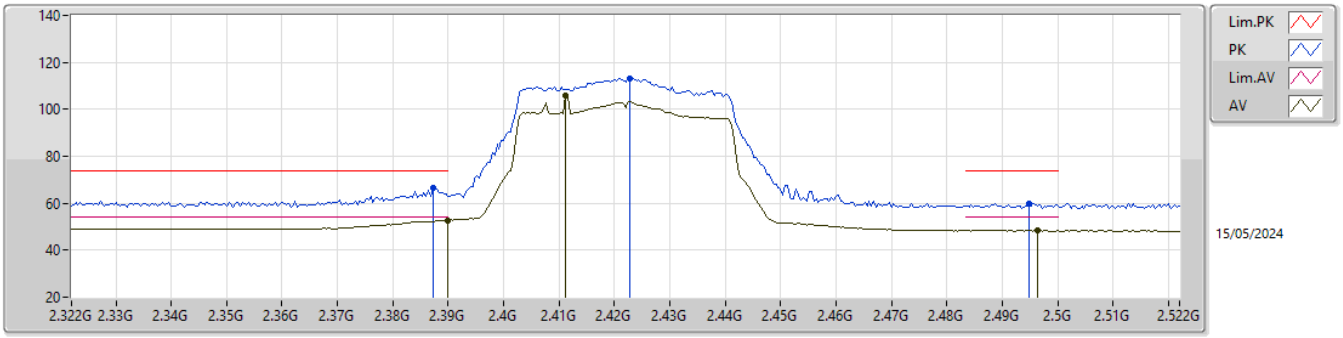


EUT Z_2TX
Setting 24
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.92576G	49.95	74.00	-24.05	38.99	3	Horizontal	95	2.92	-	33.35	8.22	30.61
AV	4.9222G	36.69	54.00	-17.31	25.75	3	Horizontal	95	2.92	-	33.34	8.21	30.61
PK	7.38326G	52.84	74.00	-21.16	39.09	3	Horizontal	194	2.23	-	36.60	9.30	32.15
AV	7.38326G	39.56	54.00	-14.44	25.81	3	Horizontal	194	2.23	-	36.60	9.30	32.15

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

2422MHz_TX

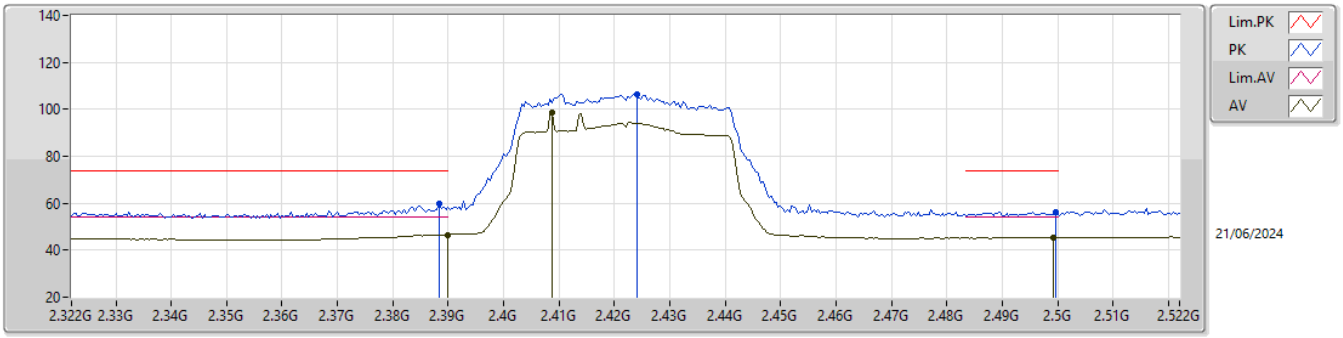


EUT Z_2TX
Setting 21
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3872G	66.44	74.00	-7.56	34.09	3	Vertical	348	1.80	-	27.70	4.65	-
AV	2.39G	52.67	54.00	-1.33	20.31	3	Vertical	348	1.80	-	27.70	4.66	-
PK	2.4228G	113.30	Inf	-Inf	80.98	3	Vertical	348	1.80	-	27.67	4.65	-
AV	2.4112G	106.03	Inf	-Inf	73.76	3	Vertical	348	1.80	-	27.61	4.66	-
PK	2.4948G	59.77	74.00	-14.23	27.68	3	Vertical	348	1.80	-	27.50	4.59	-
AV	2.4964G	48.33	54.00	-5.67	16.24	3	Vertical	348	1.80	-	27.50	4.59	-

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

2422MHz_TX

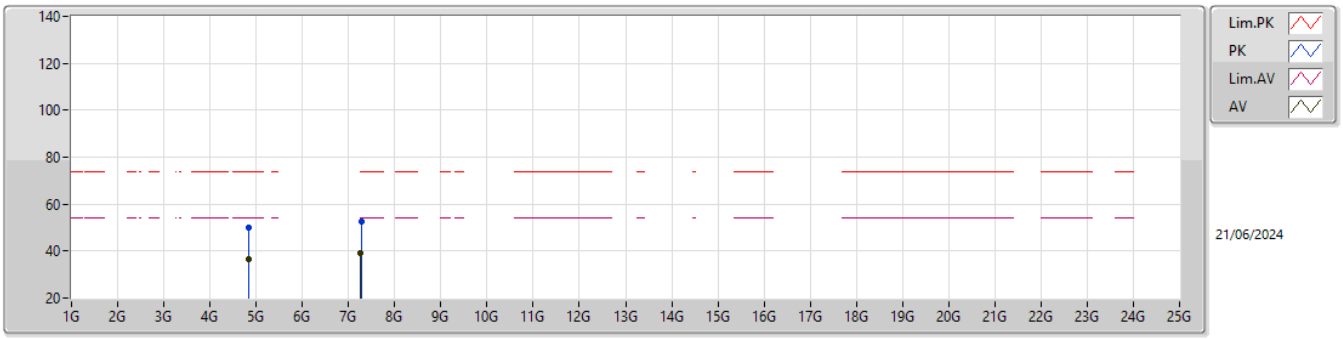


EUT Z_2TX
Setting 21
02-E-A-4

Type	Freq	Level	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	60.02	74.00	-13.98	27.05	3	Horizontal	75	2.70	-	28.48	4.49	-
AV	2.39G	46.56	54.00	-7.44	13.57	3	Horizontal	75	2.70	-	28.50	4.49	-
PK	2.424G	106.49	Inf	-Inf	73.53	3	Horizontal	75	2.70	-	28.44	4.52	-
AV	2.4088G	98.76	Inf	-Inf	65.84	3	Horizontal	75	2.70	-	28.41	4.51	-
PK	2.4996G	56.01	74.00	-17.99	22.81	3	Horizontal	75	2.70	-	28.60	4.60	-
AV	2.4992G	45.35	54.00	-8.65	12.15	3	Horizontal	75	2.70	-	28.60	4.60	-

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

2422MHz_TX

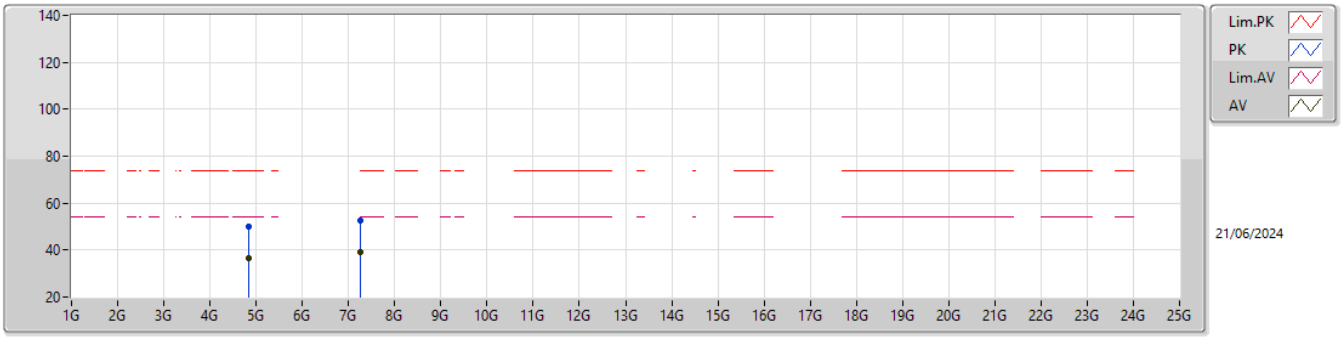


EUT Z_2TX
Setting 21
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.84822G	50.24	74.00	-23.76	39.59	3	Vertical	351	2.97	-	33.20	8.11	30.66
AV	4.84746G	36.38	54.00	-17.62	25.74	3	Vertical	351	2.97	-	33.19	8.11	30.66
PK	7.27074G	52.44	74.00	-21.56	38.91	3	Vertical	346	1.65	-	36.28	9.34	32.09
AV	7.264G	39.05	54.00	-14.95	25.54	3	Vertical	346	1.65	-	36.26	9.34	32.09

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

2422MHz_TX

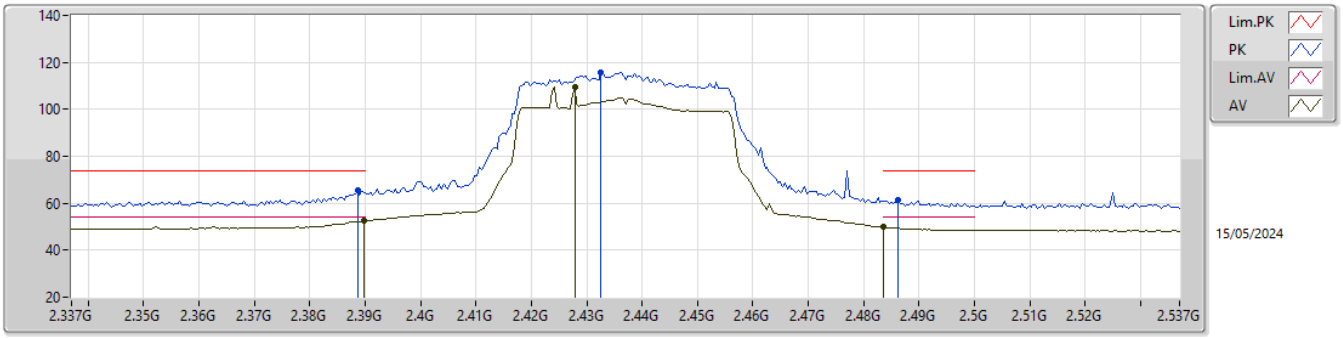


EUT Z_2TX
Setting 21
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.8453G	49.77	74.00	-24.23	39.14	3	Horizontal	254	1.78	-	33.19	8.10	30.66
AV	4.8474G	36.44	54.00	-17.56	25.80	3	Horizontal	254	1.78	-	33.19	8.11	30.66
PK	7.26518G	52.69	74.00	-21.31	39.18	3	Horizontal	187	2.61	-	36.26	9.34	32.09
AV	7.261G	38.91	54.00	-15.09	25.41	3	Horizontal	187	2.61	-	36.24	9.35	32.09

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

2437MHz_TX

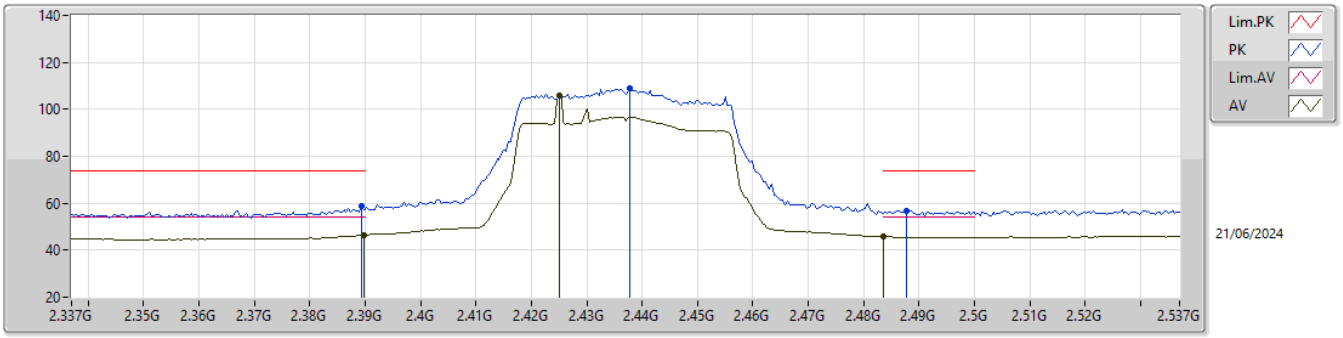


EUT Z_2TX
Setting 23
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3886G	65.45	74.00	-8.55	33.10	3	Vertical	31	1.80	-	27.70	4.65	-
AV	2.3898G	52.48	54.00	-1.52	20.12	3	Vertical	31	1.80	-	27.70	4.66	-
PK	2.4326G	115.93	Inf	-Inf	83.72	3	Vertical	31	1.80	-	27.57	4.64	-
AV	2.4278G	109.68	Inf	-Inf	77.41	3	Vertical	31	1.80	-	27.62	4.65	-
PK	2.4862G	61.20	74.00	-12.80	29.10	3	Vertical	31	1.80	-	27.50	4.60	-
AV	2.4835G	49.99	54.00	-4.01	17.89	3	Vertical	31	1.80	-	27.50	4.60	-

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

2437MHz_TX

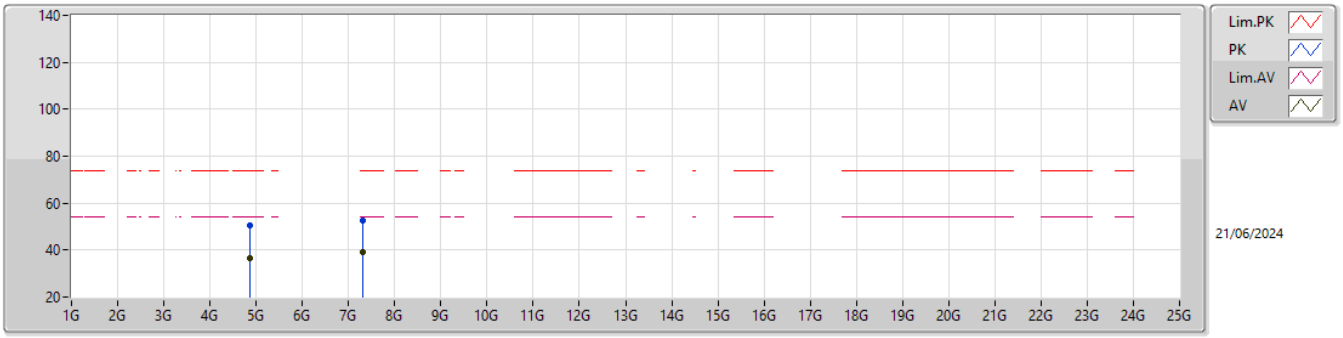


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	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	59.02	74.00	-14.98	26.04	3	Horizontal	38	3.00	-	28.49	4.49	-
AV	2.3898G	46.34	54.00	-7.66	13.35	3	Horizontal	38	3.00	-	28.50	4.49	-
PK	2.4378G	108.90	Inf	-Inf	75.86	3	Horizontal	38	3.00	-	28.50	4.54	-
AV	2.425G	106.02	Inf	-Inf	73.04	3	Horizontal	38	3.00	-	28.45	4.53	-
PK	2.4878G	56.76	74.00	-17.24	23.57	3	Horizontal	38	3.00	-	28.60	4.59	-
AV	2.4835G	45.80	54.00	-8.20	12.62	3	Horizontal	38	3.00	-	28.60	4.58	-

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

2437MHz_TX

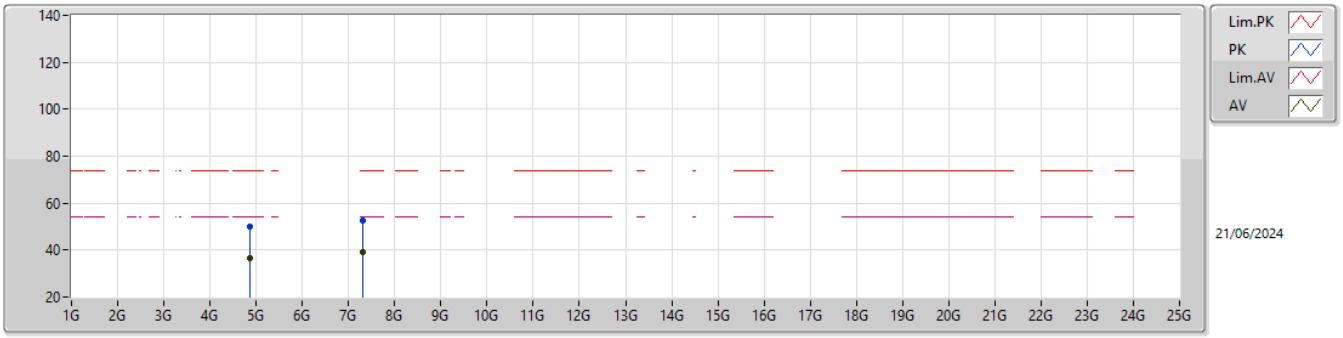


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.86954G	50.59	74.00	-23.41	39.86	3	Vertical	146	1.03	-	33.24	8.14	30.65
AV	4.87524G	36.32	54.00	-17.68	25.56	3	Vertical	146	1.03	-	33.25	8.15	30.64
PK	7.31138G	52.53	74.00	-21.47	38.86	3	Vertical	238	1.05	-	36.45	9.33	32.11
AV	7.30892G	39.16	54.00	-14.84	25.50	3	Vertical	238	1.05	-	36.44	9.33	32.11

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

2437MHz_TX

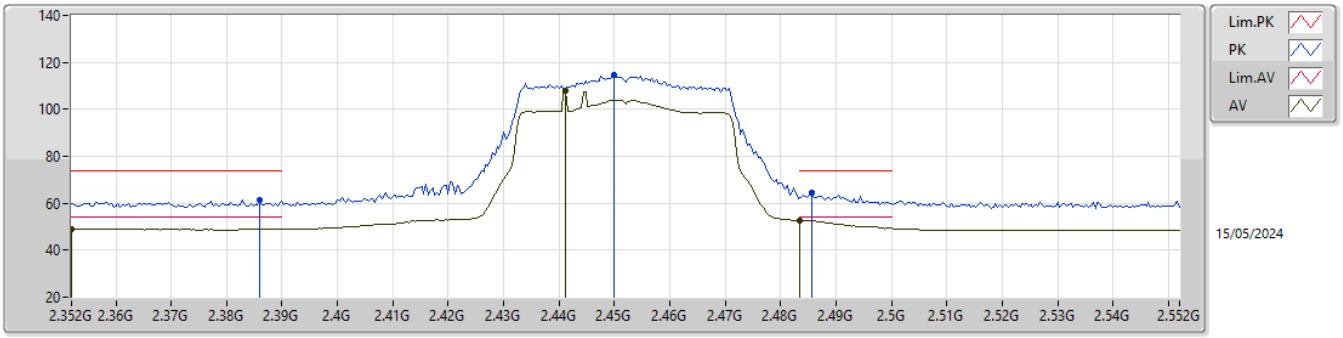


EUT Z_2TX
Setting 23
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.87732G	49.90	74.00	-24.10	39.14	3	Horizontal	263	2.38	-	33.25	8.15	30.64
AV	4.87514G	36.33	54.00	-17.67	25.57	3	Horizontal	263	2.38	-	33.25	8.15	30.64
PK	7.31364G	52.82	74.00	-21.18	39.17	3	Horizontal	154	2.46	-	36.45	9.32	32.12
AV	7.30894G	39.31	54.00	-14.69	25.65	3	Horizontal	154	2.46	-	36.44	9.33	32.11

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

2452MHz_TX

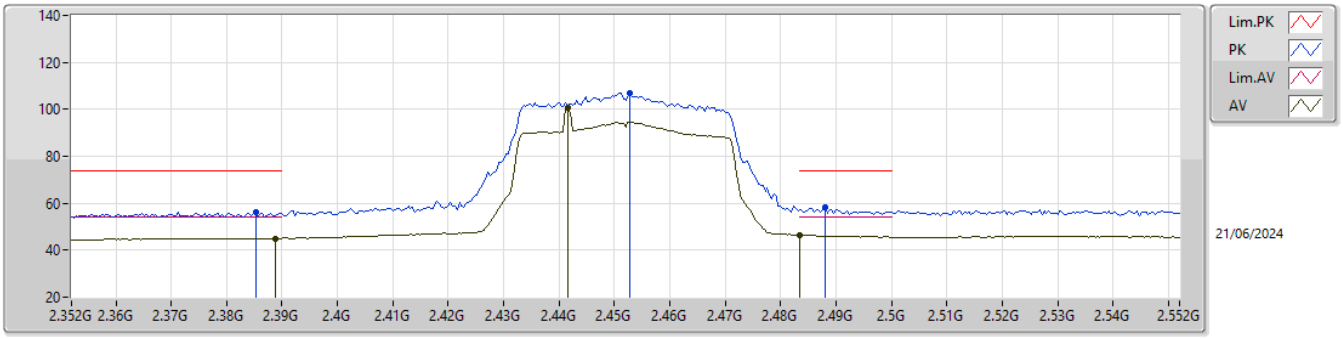


EUT Z_2TX
Setting 22
01-P-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.386G	61.17	74.00	-12.83	28.82	3	Vertical	76	1.02	-	27.70	4.65	-
AV	2.352G	49.07	54.00	-4.93	16.49	3	Vertical	76	1.02	-	27.98	4.60	-
PK	2.45G	114.47	Inf	-Inf	82.34	3	Vertical	76	1.02	-	27.50	4.63	-
AV	2.4412G	108.00	Inf	-Inf	75.87	3	Vertical	76	1.02	-	27.50	4.63	-
PK	2.4856G	64.48	74.00	-9.52	32.38	3	Vertical	76	1.02	-	27.50	4.60	-
AV	2.4835G	52.62	54.00	-1.38	20.52	3	Vertical	76	1.02	-	27.50	4.60	-

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

2452MHz_TX

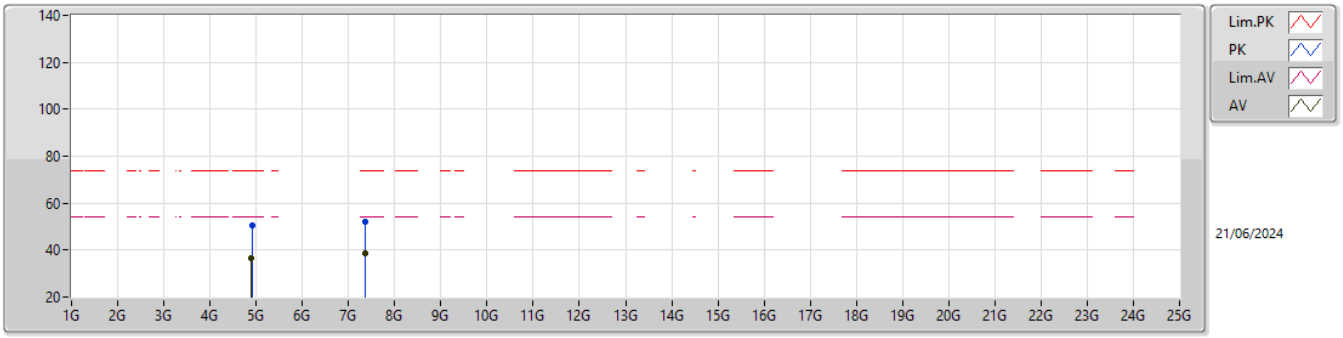


EUT Z_2TX
Setting 22
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3852G	56.24	74.00	-17.76	23.30	3	Horizontal	34	2.71	-	28.45	4.49	-
AV	2.3888G	45.07	54.00	-8.93	12.09	3	Horizontal	34	2.71	-	28.49	4.49	-
PK	2.4528G	107.02	Inf	-Inf	74.00	3	Horizontal	34	2.71	-	28.47	4.55	-
AV	2.4416G	100.77	Inf	-Inf	67.73	3	Horizontal	34	2.71	-	28.50	4.54	-
PK	2.488G	58.03	74.00	-15.97	24.84	3	Horizontal	34	2.71	-	28.60	4.59	-
AV	2.4835G	46.42	54.00	-7.58	13.24	3	Horizontal	34	2.71	-	28.60	4.58	-

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

2452MHz_TX

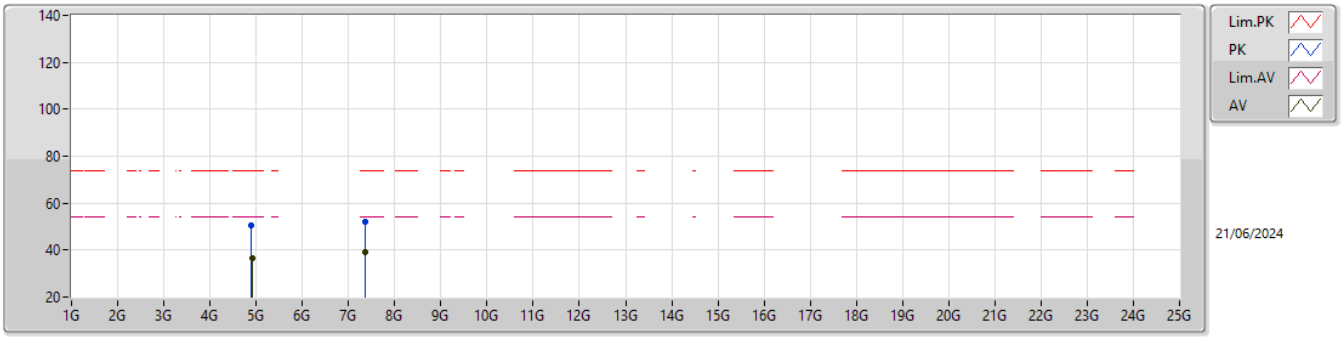


EUT Z_2TX
Setting 22
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90374G	50.34	74.00	-23.66	39.46	3	Vertical	240	1.21	-	33.31	8.19	30.62
AV	4.90252G	36.55	54.00	-17.45	25.68	3	Vertical	240	1.21	-	33.31	8.18	30.62
PK	7.3521G	52.04	74.00	-21.96	38.27	3	Vertical	223	1.71	-	36.60	9.31	32.14
AV	7.35376G	38.78	54.00	-15.22	25.01	3	Vertical	223	1.71	-	36.60	9.31	32.14

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

2452MHz_TX



EUT Z_2TX
Setting 22
02-E-A-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	4.90256G	50.30	74.00	-23.70	39.43	3	Horizontal	259	1.63	-	33.31	8.18	30.62
AV	4.90808G	36.57	54.00	-17.43	25.68	3	Horizontal	259	1.63	-	33.32	8.19	30.62
PK	7.35382G	52.07	74.00	-21.93	38.30	3	Horizontal	283	1.92	-	36.60	9.31	32.14
AV	7.35982G	38.88	54.00	-15.12	25.11	3	Horizontal	283	1.92	-	36.60	9.31	32.14