Testing Laboratory
3787

RADIO TEST REPORT

FCC ID	:	MSQ-RTBE8R00
Equipment	:	BE3600 Dual Band WiFi Router
Brand Name	:	ASUS
Model Name	:	RT-BE58 Go
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Standard	:	47 CFR FCC Part 15.247

The product was received on Apr. 07, 2025, and testing was started from Apr. 25, 2025 and completed on Jun. 18, 2025. 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

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Table of Contents

History of this test report **3**

Summary of Test Result **4**

1 General Description **5**

1.1 Information 5
1.2 Applicable Standards 9
1.3 Testing Location Information 9
1.4 Measurement Uncertainty 10

2 Test Configuration of EUT **11**

2.1 Test Channel Mode 11
2.2 The Worst Case Measurement Configuration 12
2.3 EUT Operation during Test 14
2.4 Accessories 14
2.5 Support Equipment 15
2.6 Test Setup Diagram 16

3 Transmitter Test Result **20**

3.1 AC Power-line Conducted Emissions 20
3.2 DTS Bandwidth 22
3.3 Maximum Conducted Output Power 23
3.4 Power Spectral Density 26
3.5 Emissions in Non-restricted Frequency Bands 28
3.6 Emissions in Restricted Frequency Bands 29

4 Test Equipment and Calibration Data **33**

Appendix A. Test Results of AC Power-line Conducted Emissions
Appendix B. Test Results of DTS Bandwidth
Appendix C. Test Results of Maximum Conducted Output Power
Appendix D. Test Results of Power Spectral Density
Appendix E. Test Results of Emissions in Non-restricted Frequency Bands
Appendix F. Test Results of Emissions in Restricted Frequency Bands
Appendix G. Test Results of Radiated Emission Co-location
Appendix H. Test Photos
Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR540708AA	01	Initial issue of report	Jun. 25, 2025

Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen
Report Producer: Wendy Pan

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
2400-2483.5	b, g, n (HT20), VHT20, ax (HEW20), be (EHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40), be (EHT40)	2422-2452	3-9 [7]

Band	Mode	BWch	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11n HT20	20	2TX
2.4-2.4835GHz	802.11n HT20-BF	20	2TX
2.4-2.4835GHz	VHT20	20	2TX
2.4-2.4835GHz	VHT20-BF	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX
2.4-2.4835GHz	802.11be EHT20-BF	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	802.11n HT40-BF	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	VHT40-BF	40	2TX
2.4-2.4835GHz	802.11ax HEW40	40	2TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	2TX
2.4-2.4835GHz	802.11be EHT40	40	2TX
2.4-2.4835GHz	802.11be EHT40-BF	40	2TX

Note:
- 11b mode uses a combination of DSSS-DBPSK, DQPSK, CCK modulation.
- 11g, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- EHT20, EHT40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	XINSHENG	8000000060681341	Dipole Antenna	MHF	Note 1
2	2	XINSHENG	8000000060691341	Dipole Antenna	MHF	

Note 1:

Ant.	Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3
1	3.13	3.27	3.25	3.39	3.38
2	2.97	2.84	2.75	2.97	3.40

Note 2: The above information was declared by manufacturer.

Note 3: **For 2.4GHz function:**

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

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

Port 1~2 could transmit/receive simultaneously.

For 5GHz function:

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

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

Port 1~2 could transmit/receive simultaneously.

Note 4: 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	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$
BF	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$	$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

Ex.

Directional Gain (NSS1) formula :

$$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

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

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

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

Where ;

2.4G G1= 3.13 dBi ;G2= 2.97 dBi ;

5G UNII-1 G1 = 3.27 dBi; G2 = 2.84 dBi;

5G UNII-2A G1 = 3.25 dBi; G2 = 2.75 dBi;

5G UNII-2C G1 = 3.39 dBi; G2 = 2.97 dBi;

5G UNII-3 G1 = 3.38 dBi; G2 = 3.4 dBi;

2.4G DG = 6.06 dBi

5G UNII-1 DG = 6.07 dBi

5G UNII-2A DG = 6.01 dBi

5G UNII-2C DG = 6.19 dB

5G UNII-3 DG = 6.40 dBi

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.991	0.04	10.95m	10Hz (DC>=0.98)
802.11g_Nss 1,(6D)	0.995	0.02	5.112m	10Hz (DC>=0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.92	0.36	3.123m	1k
802.11be EHT40-BF_Nss 1,(M0)	0.939	0.27	4.645m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz and n/ac/ax/be in 5GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	For RF Conducted and Radiated (Non-beamforming) mode: accessMtool 3.3.0.7 For Radiated (beamforming) mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Supports Function

Function	Support Type
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note 1: From the above, after evaluating, AP Router was selected to test and record in the report.
Note 2: The USB port on this device supports both storage and WWAN functionality and EUT in WWAN mode, 2.5G WAN ports will be fixed in LAN function.
Note 3: 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	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)
(TAF: 3787)	TEL: 886-3-656-9065 FAX: 886-3-656-9085
	Test site Designation No. TW3787 with FCC.
	Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Brian Sun	21.9~22.7 / 58~63	May 22, 2025~ Jun. 08, 2025
Radiated (Below 1GHz)	03CH05-CB	Viola Huang	21.5~22.9 / 57~60	Jun. 06, 2025~ Jun. 07, 2025
Radiated Co-location	03CH05-CB	Viola Huang	21.5~22.9 / 57~60	Jun. 18, 2025
Radiated (Above 1GHz)	03CH04-CB	Viola Huang	21.4~22.6 / 57~61	May 17, 2025 Jun. 09, 2025
AC Conduction	CO01-CB	Tim Chen	21~22 / 58~60	Apr. 25, 2025

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, 2025

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 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%

Test Date: After May 27, 2025

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.0 dB	Confidence levels of 95%
Bandwidth Measurement	1.0 %	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
2457MHz
2462MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
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		
Test Mode	**Normal Link**	**Interfaces**	**Powered**
1	AP Router Mode + WAN Mode	LAN + 2.5G WAN (WAN) + USB (R/W)	Adapter 1
2	AP Router Mode + WWAN Mode	LAN + 2.5G WAN (LAN) + USB (WWAN)	Adapter 1
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.			
3	AP Router Mode + WAN Mode	LAN + 2.5G WAN (WAN) + USB (R/W)	Adapter 2
Mode 3 generated the worst test result, so it was recorded in this 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, the worst case was found at Z axis for Radiated Emission above 1GHz. Thus, the measurement will follow this same test configuration.	
1	EUT in Z axis + WLAN 2.4GHz + Adapter 1
2	EUT in Z axis + WLAN 5GHz + Adapter 1
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT in Z axis + WLAN 2.4GHz + Adapter 2
For operating mode 1 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 - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
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_WLAN 2.4GHz + WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT_WLAN 2.4GHz + WLAN 5GHz
2	EUT_WLAN 2.4GHz + WLAN 5GHz + WWAN
Refer to Sporton Test Report No.: FA540708 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter 1	KEYU	KA2401A-1202000US	INPUT:100-240V~50/60Hz, 0.65A Max OUTPUT:12V, 2000mA
Adapter 2	AMC	AD-0241200200US-3	INPUT:100-240V~50/60Hz, 06A OUTPUT:12V, 2A
Others			
RJ-45 cable*1: Non-Shielded, 1m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	JetFlash-703	N/A
B	2.5G WAN (WAN Funciton) PC	ASUS	S300TA	TX2-RTL8821CE
C	LAN NB	DELL	E6430	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A

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

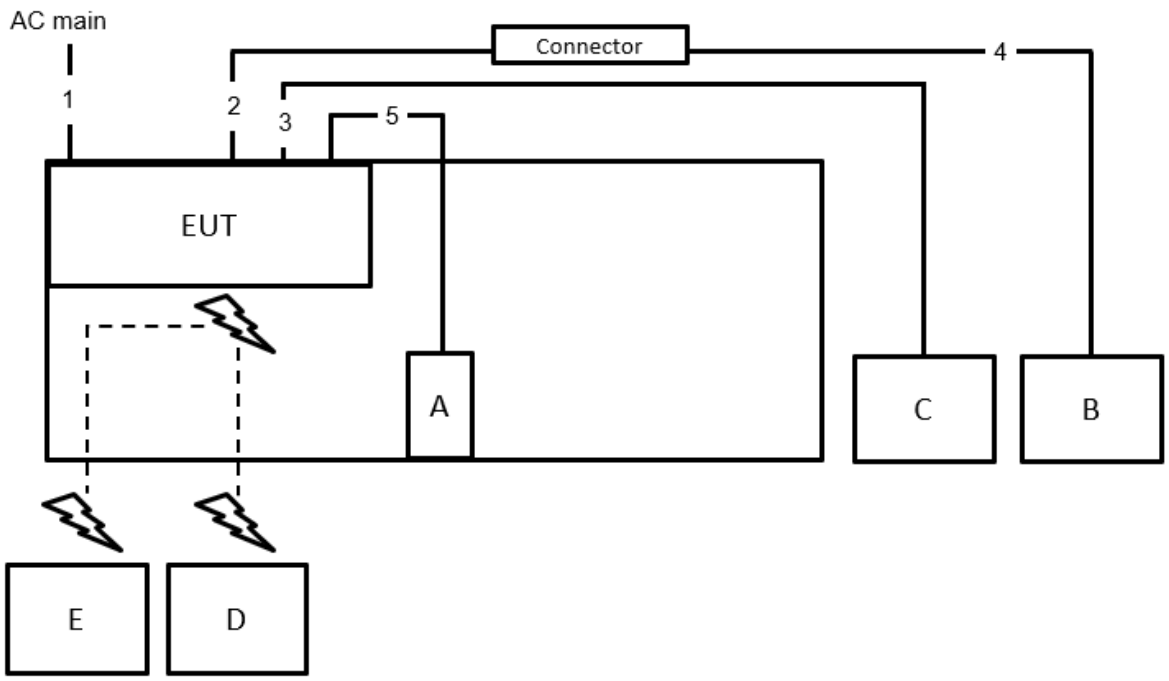
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For Radiated (above 1GHz) / Beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Client Device	ASUS	RT-BE58 Go	MSQ-RTBE8R00
C	Notebook	DELL	E4300	N/A

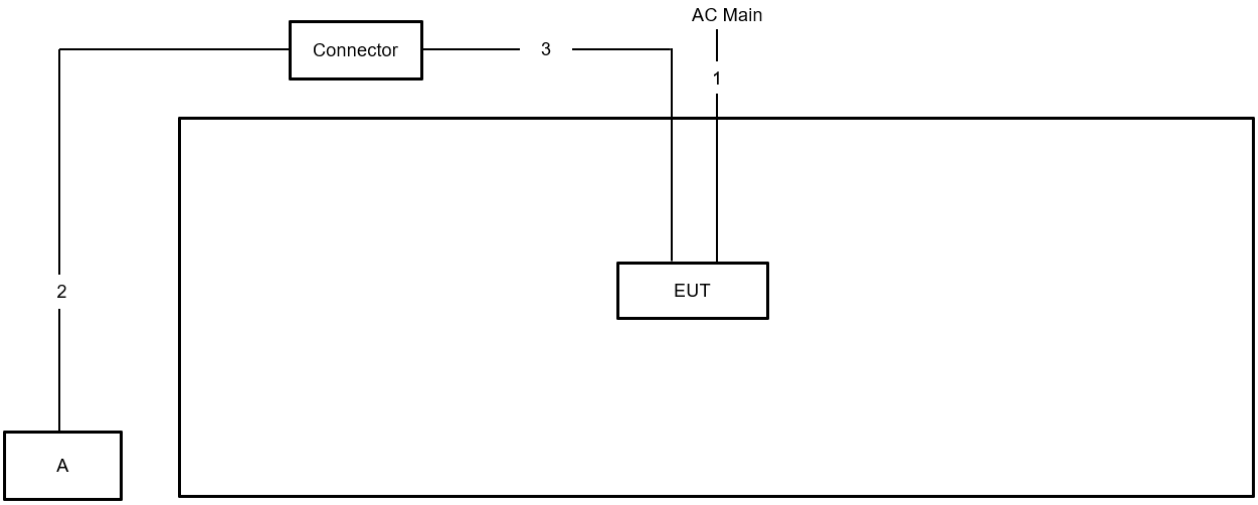
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



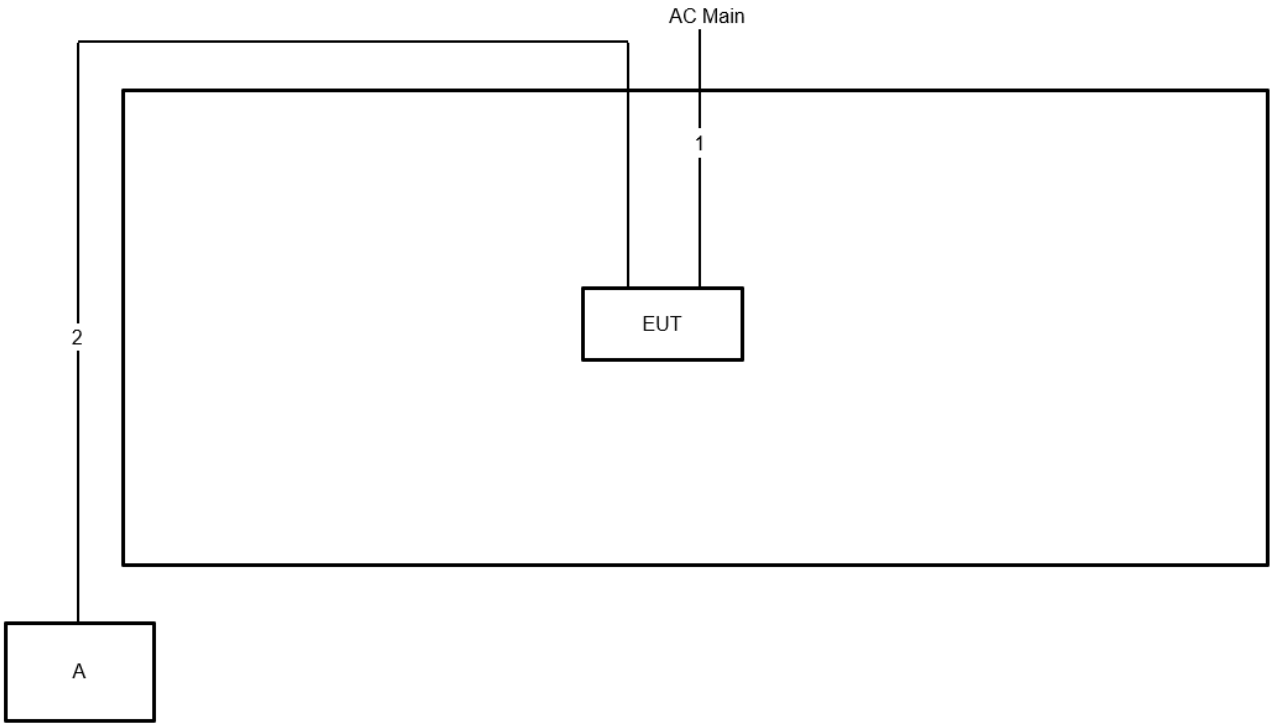
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	USB cable	Yes	1.8m

Test Setup Diagram - Radiated Test < 1GHz



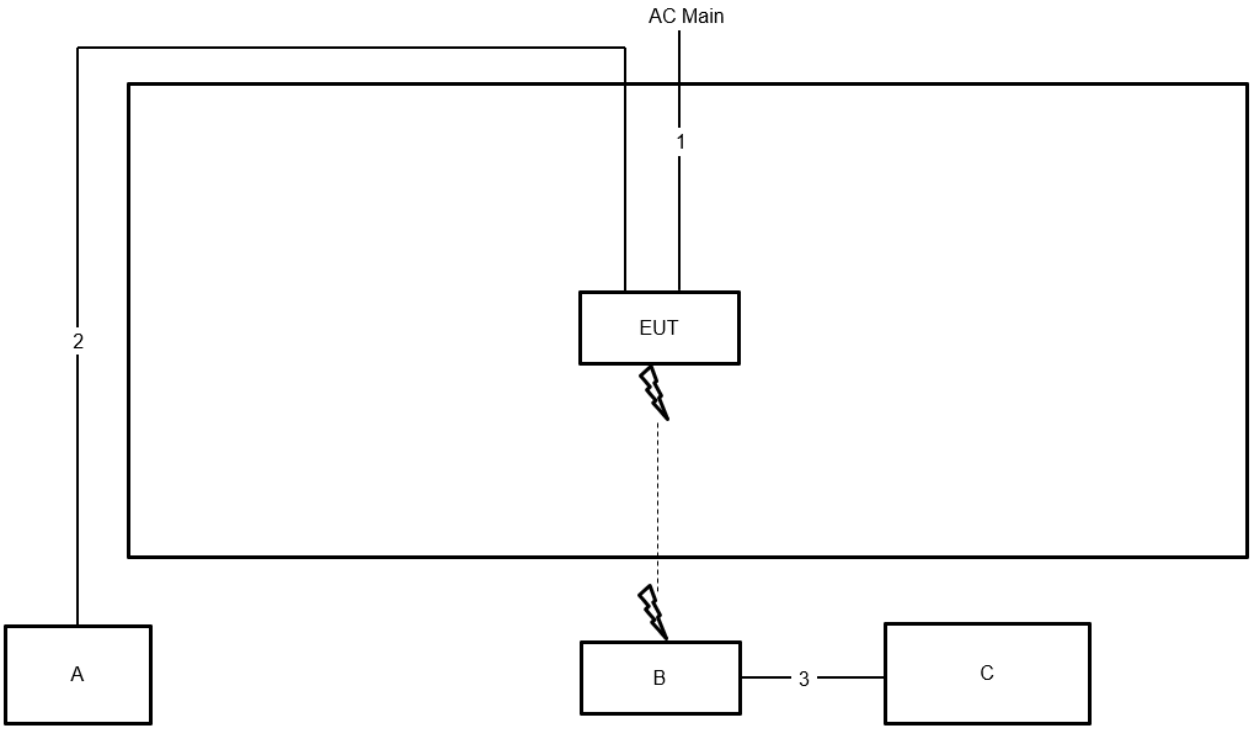
Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1m

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



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

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



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

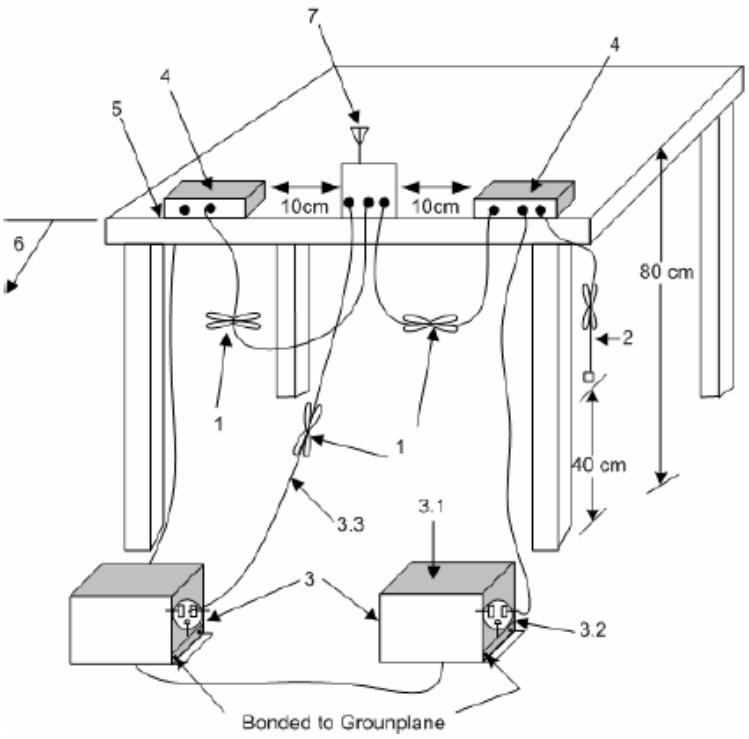
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

3.2.2 Measuring Instruments

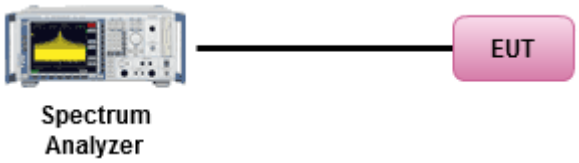
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)

3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

3.4.2 Measuring Instruments

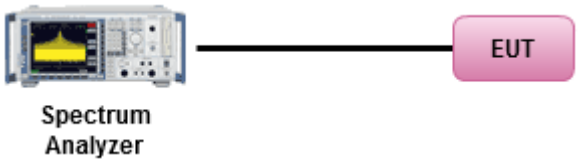
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

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

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

3.5.2 Measuring Instruments

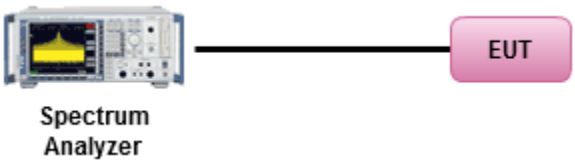
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup

Emissions in Non-restricted Frequency Bands



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E

3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

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

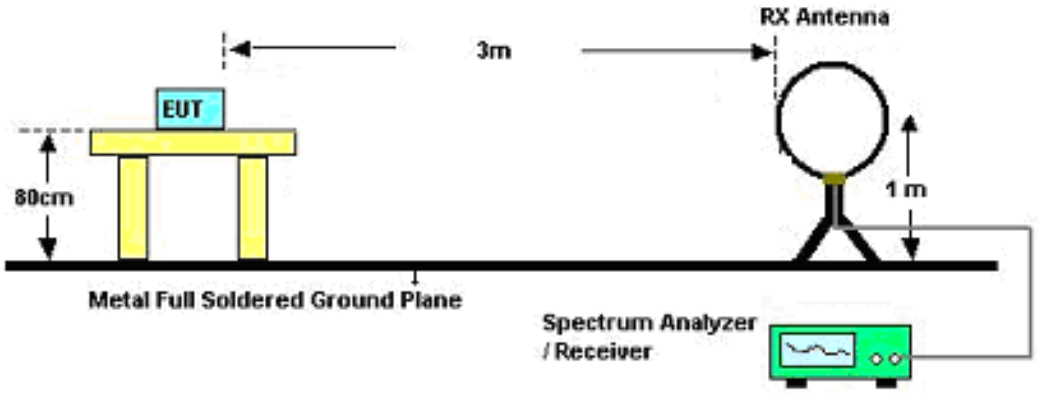
3.6.3 Test Procedures

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

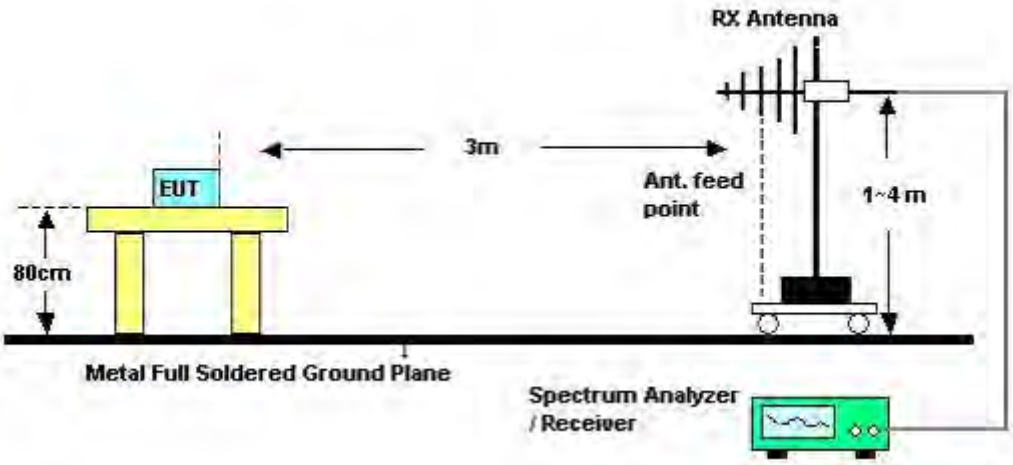
3.6.4 Test Setup

Radiated - Emissions in Restricted Frequency Bands

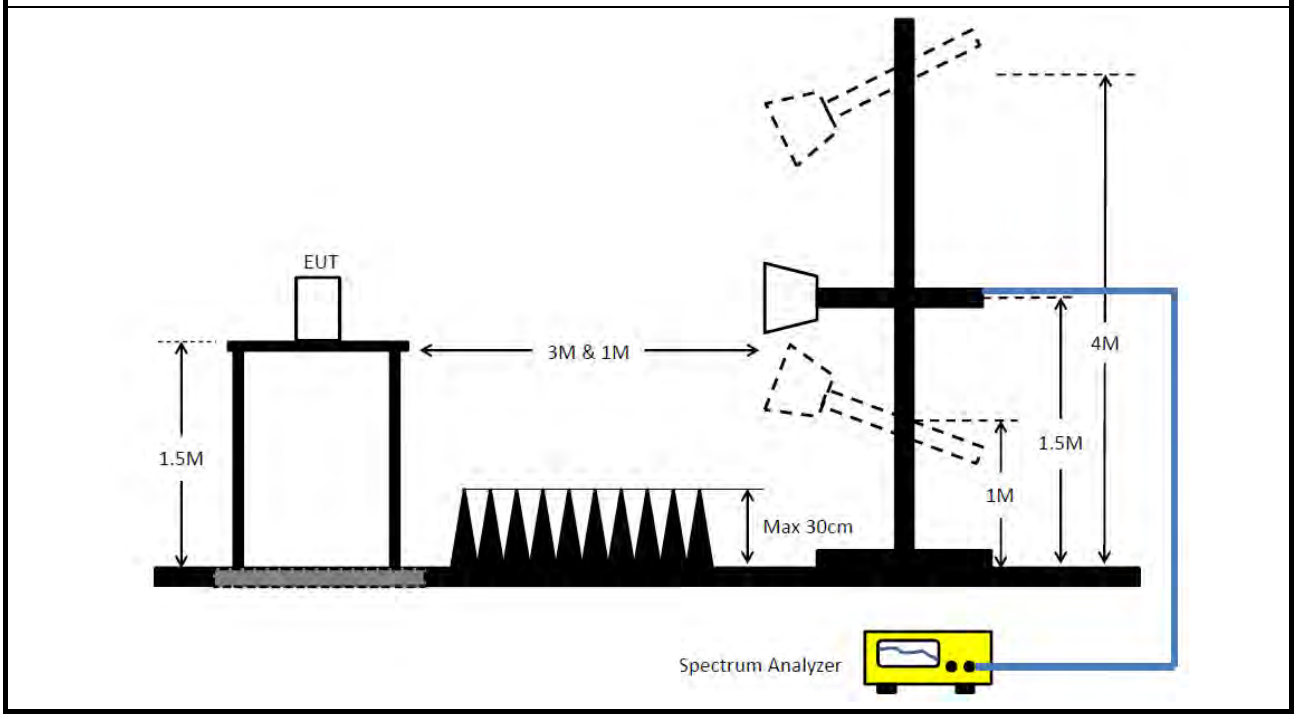
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.6.5 Measurement Results Calculation

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 06, 2025	Mar. 05, 2026	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 18, 2025	Feb. 17, 2026	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Feb. 06, 2025	Feb. 05, 2026	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 17, 2024	Oct. 16, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 22, 2025	Mar. 21, 2026	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2025	Apr. 30, 2026	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH05-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV3044	101321	9kHz ~ 44GHz	Jun. 26, 2024	Jun. 25, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)

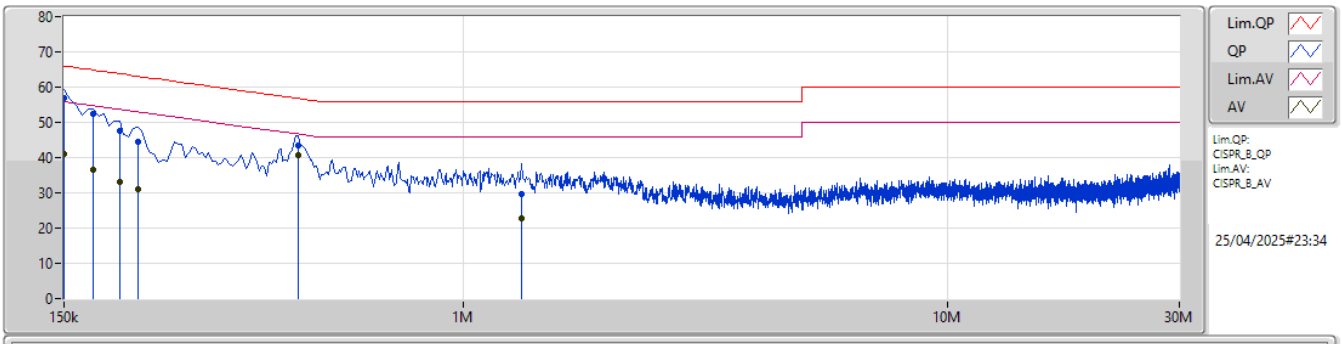
Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 21, 2025	Feb. 20, 2026	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2024	Dec. 19, 2025	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 16, 2025	Jan. 15, 2026	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 24, 2025	Mar. 23, 2026	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Signal Analyzer	R&S	FSV3044	101320	9kHz ~ 44GHz	Jul. 27, 2024	Jul. 28, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	1339408	300MHz~40GHz	Sep. 13, 2024	Sep. 12, 2025	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1517009	300MHz~40GHz	Sep. 13, 2024	Sep. 12, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.23	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

Summary

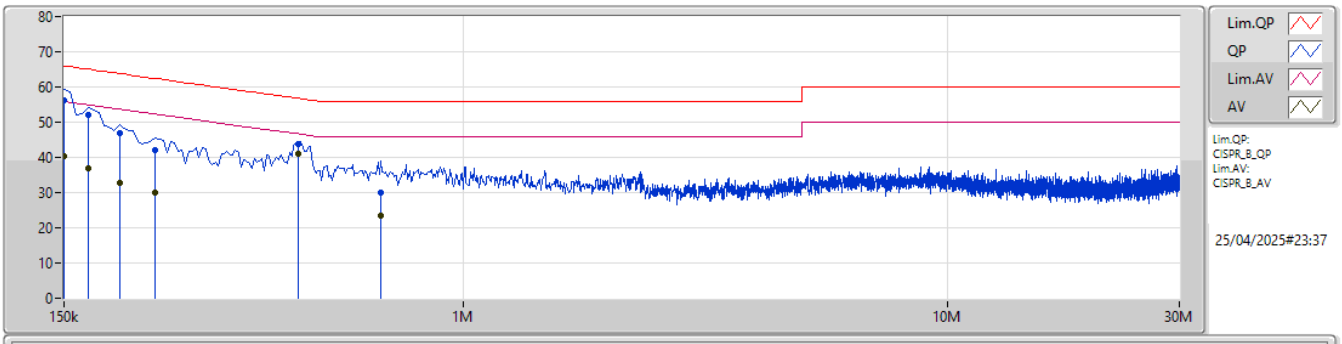
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	456k	40.93	46.76	-5.83	Neutral

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	56.93	66.00	-9.07	10.03	Line	-	46.90	0.04	0.08	9.91
AV	150k	41.02	56.00	-14.98	10.03	Line	-	30.99	0.04	0.08	9.91
QP	172.5k	52.51	64.83	-12.32	10.04	Line	-	42.47	0.04	0.07	9.93
AV	172.5k	36.64	54.83	-18.19	10.04	Line	-	26.60	0.04	0.07	9.93
QP	195k	47.50	63.82	-16.32	10.06	Line	-	37.44	0.04	0.07	9.95
AV	195k	32.97	53.82	-20.85	10.06	Line	-	22.91	0.04	0.07	9.95
QP	213k	44.61	63.09	-18.48	10.07	Line	-	34.54	0.04	0.07	9.96
AV	213k	31.17	53.09	-21.92	10.07	Line	-	21.10	0.04	0.07	9.96
QP	456k	43.60	56.76	-13.16	10.21	Line	-	33.39	0.04	0.10	10.07
AV	456k	40.61	46.76	-6.15	10.21	Line	"Worst"	30.40	0.04	0.10	10.07
QP	1.316M	29.56	56.00	-26.44	10.27	Line	-	19.29	0.08	0.11	10.08
AV	1.316M	22.91	46.00	-23.09	10.27	Line	-	12.64	0.08	0.11	10.08

Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	56.10	66.00	-9.90	10.03	Neutral	-	46.07	0.04	0.08	9.91
AV	150k	40.24	56.00	-15.76	10.03	Neutral	-	30.21	0.04	0.08	9.91
QP	168k	52.23	65.06	-12.83	10.05	Neutral	-	42.18	0.04	0.08	9.93
AV	168k	36.88	55.06	-18.18	10.05	Neutral	-	26.83	0.04	0.08	9.93
QP	195k	47.02	63.82	-16.80	10.06	Neutral	-	36.96	0.04	0.07	9.95
AV	195k	32.64	53.82	-21.18	10.06	Neutral	-	22.58	0.04	0.07	9.95
QP	231k	42.03	62.41	-20.38	10.09	Neutral	-	31.94	0.04	0.08	9.97
AV	231k	29.87	52.41	-22.54	10.09	Neutral	-	19.78	0.04	0.08	9.97
QP	456k	43.73	56.76	-13.03	10.21	Neutral	-	33.52	0.04	0.10	10.07
AV	456k	40.93	46.76	-5.83	10.21	Neutral	"Worst"	30.72	0.04	0.10	10.07
QP	676.5k	30.02	56.00	-25.98	10.26	Neutral	-	19.76	0.05	0.09	10.12
AV	676.5k	23.52	46.00	-22.48	10.26	Neutral	-	13.26	0.05	0.09	10.12

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.375M	10.405M	10M4G1D	6.4M	10.152M
802.11g_Nss1,(6Mbps)_2TX	16.525M	17.415M	17M4D1D	15.05M	16.778M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	19.1M	19.147M	19M1D1D	14.925M	18.943M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	38.15M	37.781M	37M8D1D	33.55M	37.581M

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

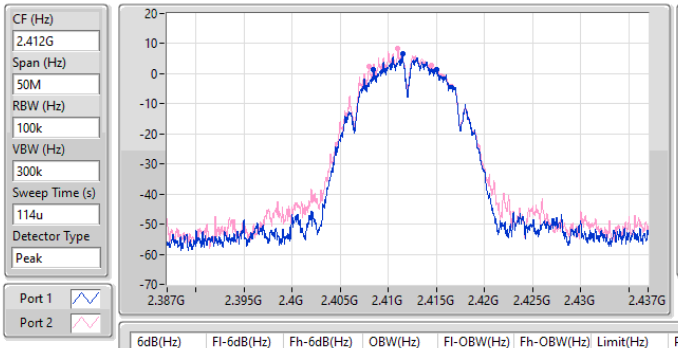
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	6.575M	10.405M	6.55M	10.285M
2437MHz	Pass	500k	7.375M	10.152M	7.05M	10.2M
2462MHz	Pass	500k	6.4M	10.227M	6.875M	10.383M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.425M	16.778M	15.05M	17.415M
2437MHz	Pass	500k	16.525M	16.938M	16.375M	16.786M
2462MHz	Pass	500k	16.35M	16.8M	16.4M	17.195M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	19.1M	19.115M	19.1M	19.065M
2437MHz	Pass	500k	14.925M	19.147M	19.1M	18.943M
2462MHz	Pass	500k	19M	19.09M	18.975M	19.115M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	34.8M	37.781M	38.15M	37.781M
2437MHz	Pass	500k	37.05M	37.681M	33.55M	37.581M
2452MHz	Pass	500k	36.35M	37.781M	38.05M	37.781M

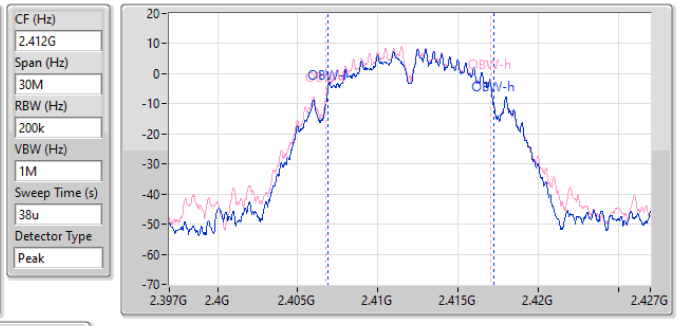
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

2412MHz

04/06/2025



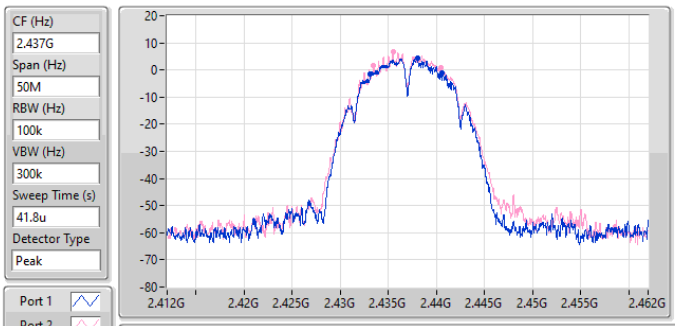


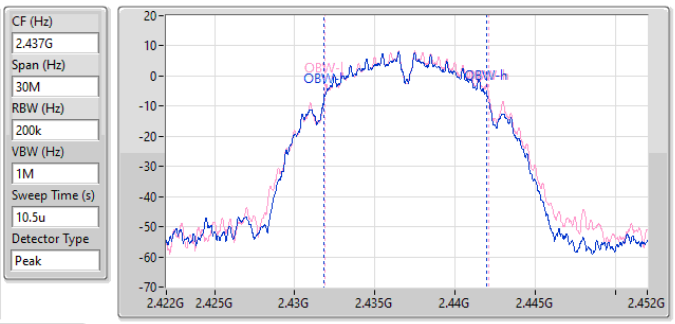
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.575M	2.40845G	2.415025G	10.405M	2.406858G	2.417262G	500k	1
6.55M	2.407975G	2.414525G	10.285M	2.406783G	2.417067G	500k	2

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

2437MHz

22/05/2025



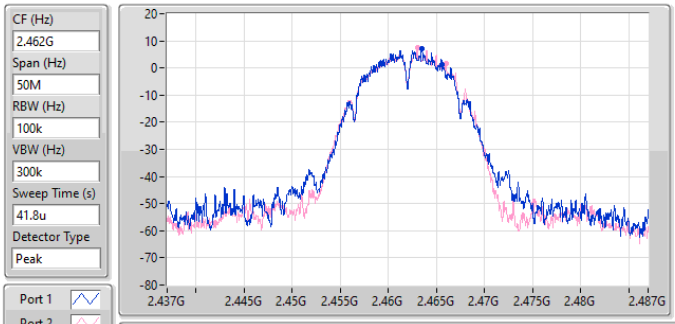


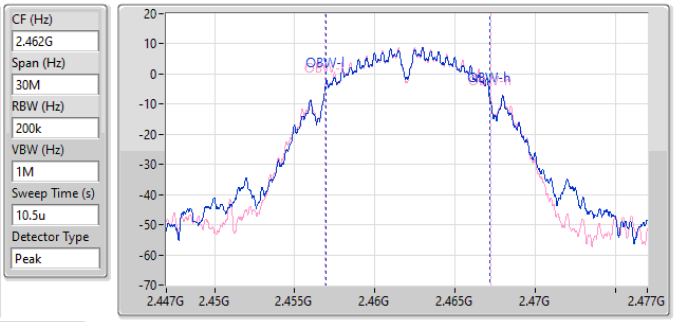
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.375M	2.43315G	2.440525G	10.152M	2.431848G	2.442G	500k	1
7.05M	2.43345G	2.4405G	10.2M	2.431912G	2.442113G	500k	2

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

2462MHz

22/05/2025



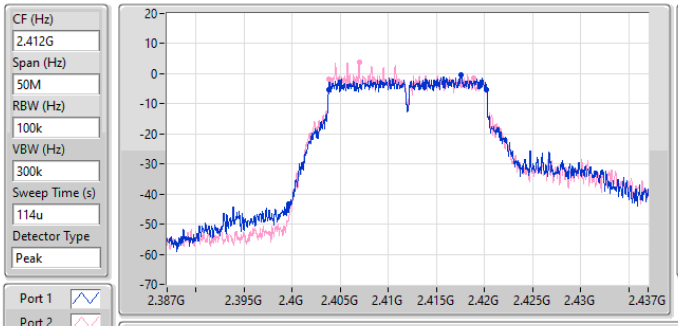


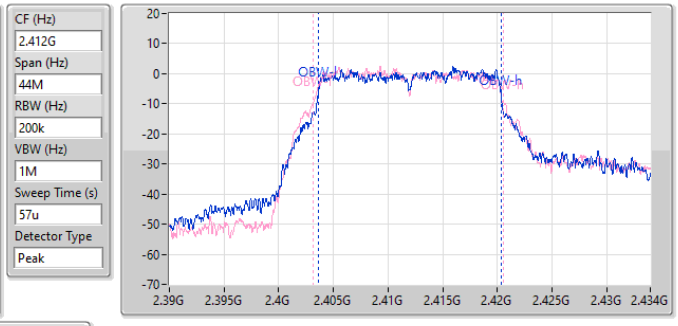
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
6.4M	2.45915G	2.46555G	10.227M	2.456928G	2.467155G	500k	1
6.875M	2.45915G	2.466025G	10.383M	2.456881G	2.467265G	500k	2

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

2412MHz

04/06/2025



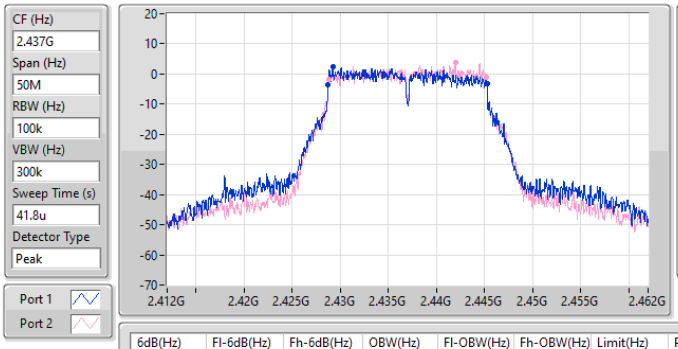


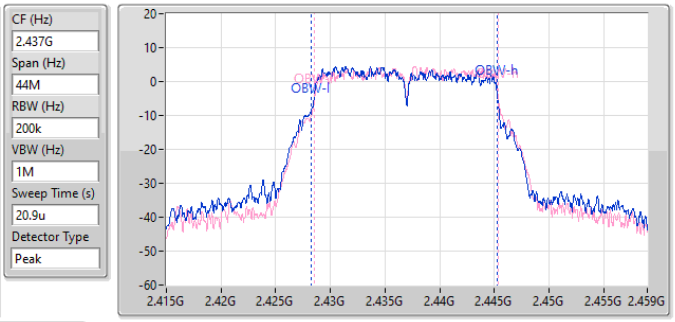
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	2.4038G	2.420225G	16.778M	2.403622G	2.4204G	500k	1
15.05M	2.403825G	2.418875G	17.415M	2.403182G	2.420598G	500k	2

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

2437MHz

22/05/2025



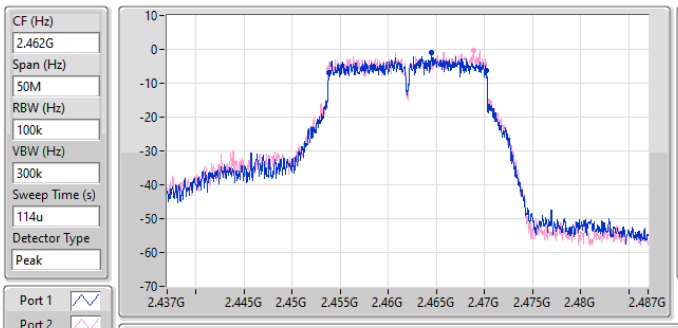


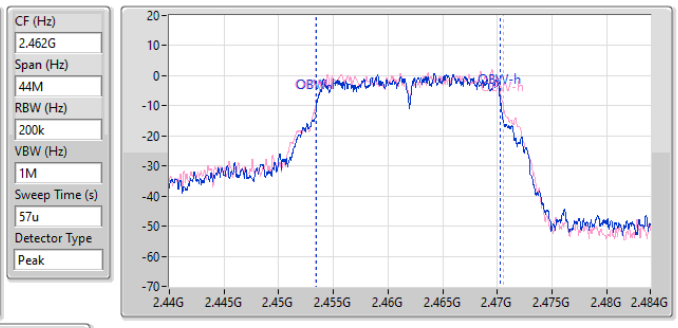
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.525M	2.428725G	2.44525G	16.938M	2.428296G	2.445234G	500k	1
16.375M	2.4288G	2.445175G	16.786M	2.428548G	2.445334G	500k	2

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

2462MHz

04/06/2025



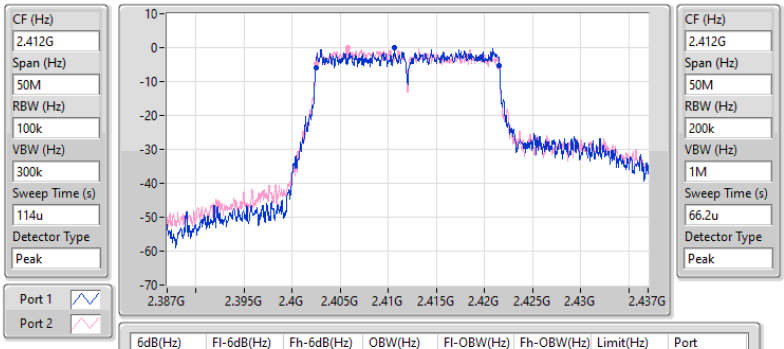


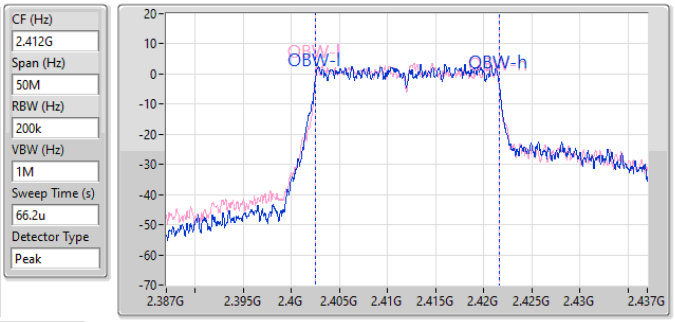
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	2.4538G	2.47015G	16.8M	2.453468G	2.470268G	500k	1
16.4M	2.4538G	2.4702G	17.195M	2.45338G	2.470576G	500k	2

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

2412MHz

04/06/2025



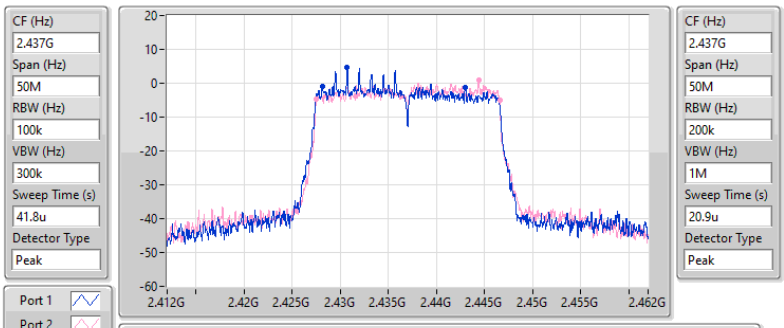


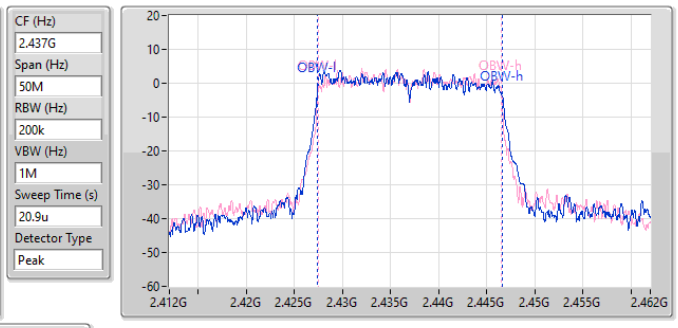
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.1M	2.40245G	2.42155G	19.115M	2.402455G	2.42157G	500k	1
19.1M	2.40245G	2.42155G	19.065M	2.402505G	2.42157G	500k	2

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

2437MHz

22/05/2025



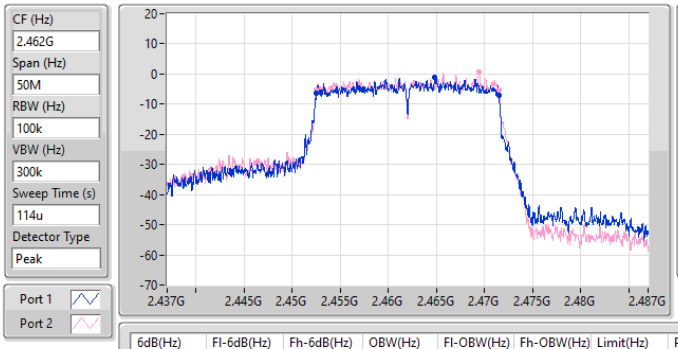


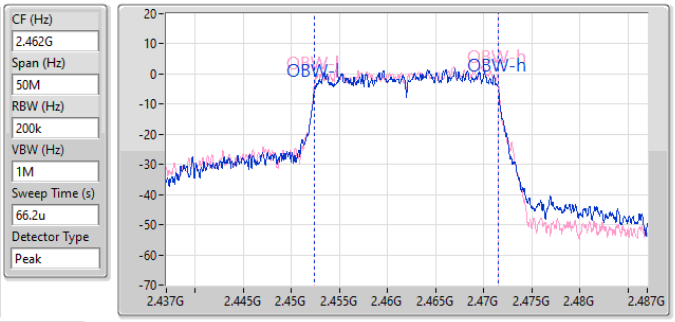
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.925M	2.4281G	2.443025G	19.147M	2.42742G	2.446567G	500k	1
19.1M	2.427475G	2.446575G	18.943M	2.427509G	2.446451G	500k	2

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

2462MHz

04/06/2025



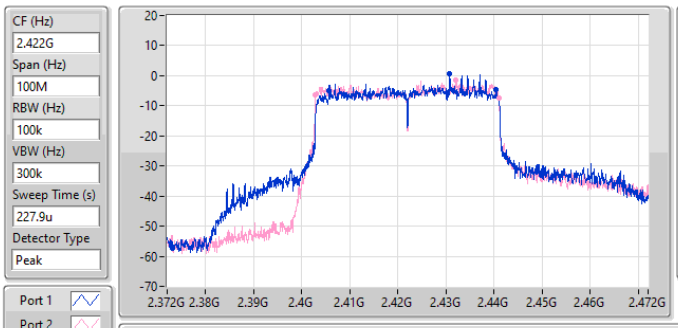


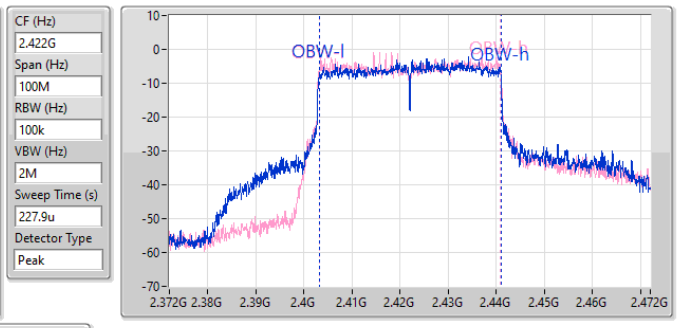
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19M	2.4525G	2.4715G	19.09M	2.45238G	2.47147G	500k	1
18.975M	2.452525G	2.4715G	19.115M	2.45238G	2.471495G	500k	2

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

2422MHz

04/06/2025



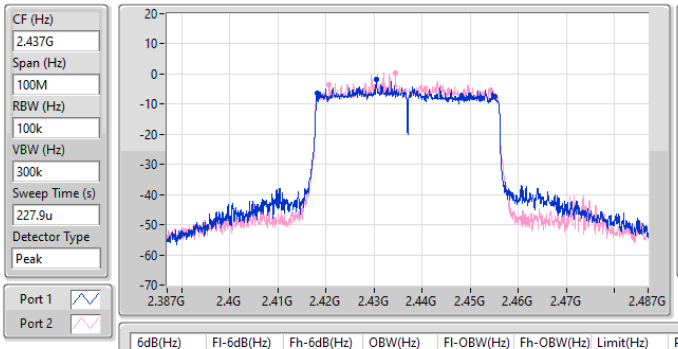


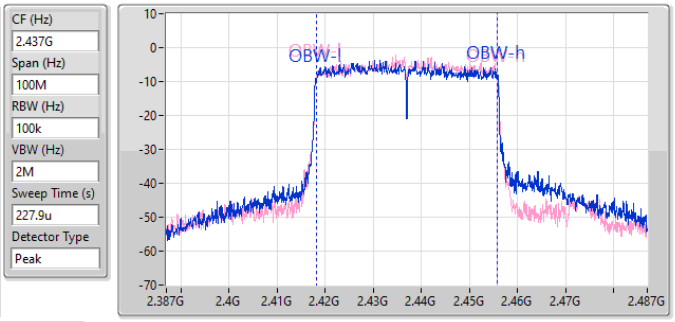
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.8M	2.40565G	2.44045G	37.781M	2.403159G	2.440941G	500k	1
38.15M	2.40285G	2.441G	37.781M	2.403109G	2.440891G	500k	2

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

2437MHz

04/06/2025



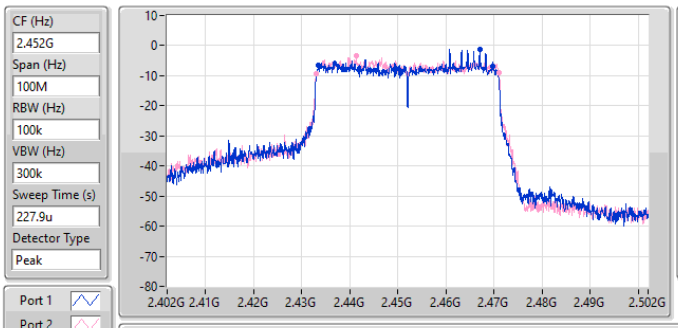


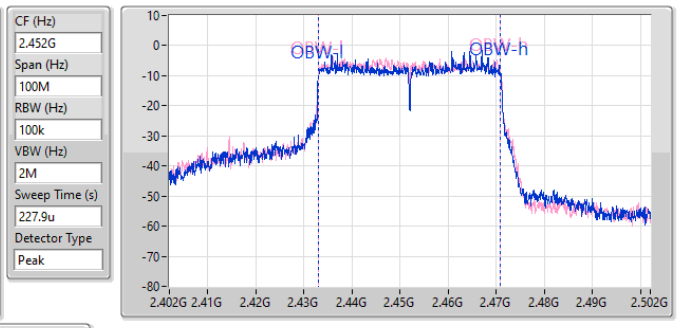
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.05M	2.4181G	2.45515G	37.681M	2.418159G	2.455841G	500k	1
33.55M	2.4207G	2.45425G	37.581M	2.418209G	2.455791G	500k	2

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

2452MHz

04/06/2025





6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.35M	2.43345G	2.4698G	37.781M	2.433059G	2.470841G	500k	1
38.05M	2.43295G	2.471G	37.781M	2.433059G	2.470841G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	19.30	0.08511
802.11g_Nss1,(6Mbps)_2TX	19.49	0.08892
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.96	0.06252
802.11be EHT40-BF_Nss1,(MCS0)_2TX	17.86	0.06109

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.13	15.53	16.82	19.23	30.00
2437MHz	Pass	3.13	15.25	15.64	18.46	30.00
2462MHz	Pass	3.13	16.35	16.22	19.30	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.13	13.65	14.15	16.92	30.00
2437MHz	Pass	3.13	16.33	16.63	19.49	30.00
2457MHz	Pass	3.13	15.38	15.24	18.32	30.00
2462MHz	Pass	3.13	12.04	12.31	15.19	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.06	14.75	15.15	17.96	29.94
2437MHz	Pass	6.06	14.68	15.15	17.93	29.94
2462MHz	Pass	6.06	13.13	13.72	16.45	29.94
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.06	14.52	15.16	17.86	29.94
2437MHz	Pass	6.06	13.52	14.24	16.91	29.94
2452MHz	Pass	6.06	12.53	13.29	15.94	29.94

DG = Directional Gain; Port X = Port X output power;
Inf = There's no restriction for the limit.

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-3.94
802.11g_Nss1,(6Mbps)_2TX	-7.12
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-9.49
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-12.32

RBW = 3kHz;

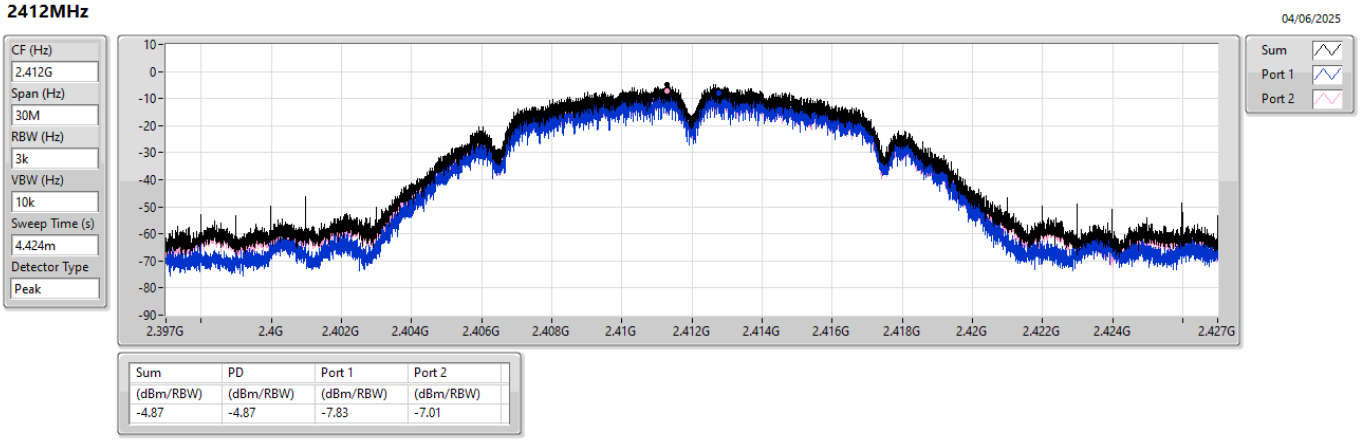
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.06	-7.83	-7.01	-4.87	7.94
2437MHz	Pass	6.06	-6.95	-6.96	-3.98	7.94
2462MHz	Pass	6.06	-7.15	-6.55	-3.94	7.94
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.06	-11.52	-11.63	-9.43	7.94
2437MHz	Pass	6.06	-9.19	-8.89	-7.12	7.94
2462MHz	Pass	6.06	-13.16	-12.86	-11.61	7.94
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.06	-11.99	-10.28	-9.49	7.94
2437MHz	Pass	6.06	-12.87	-12.46	-10.80	7.94
2462MHz	Pass	6.06	-13.14	-11.22	-10.17	7.94
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.06	-13.84	-13.59	-12.32	7.94
2437MHz	Pass	6.06	-14.05	-13.88	-12.63	7.94
2452MHz	Pass	6.06	-16.38	-15.55	-13.69	7.94

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;
Inf = There's no restriction for the limit.

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

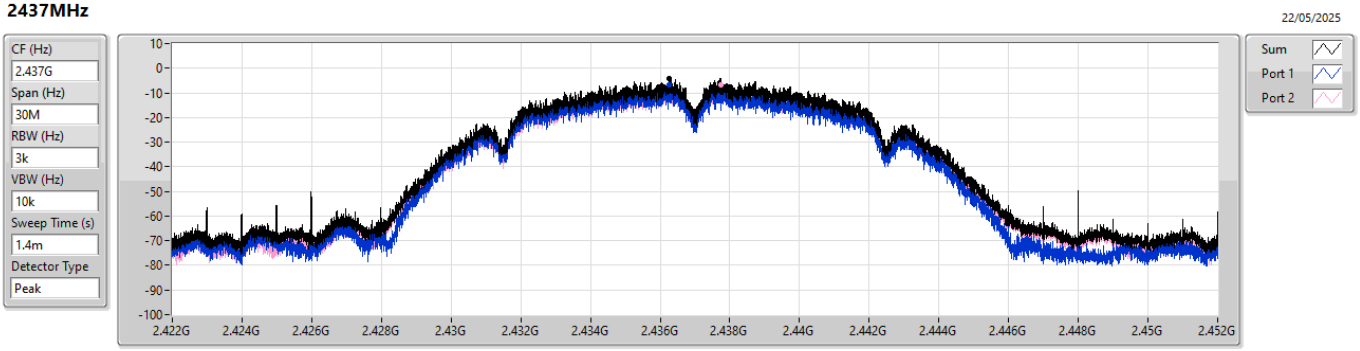
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.87	-4.87	-7.83	-7.01

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

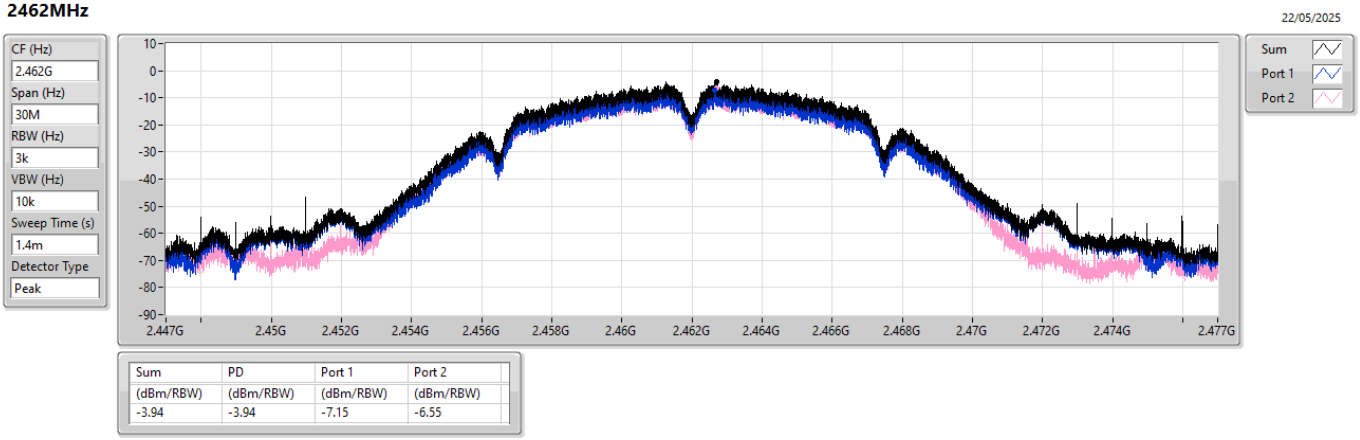
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.98	-3.98	-6.95	-6.96

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

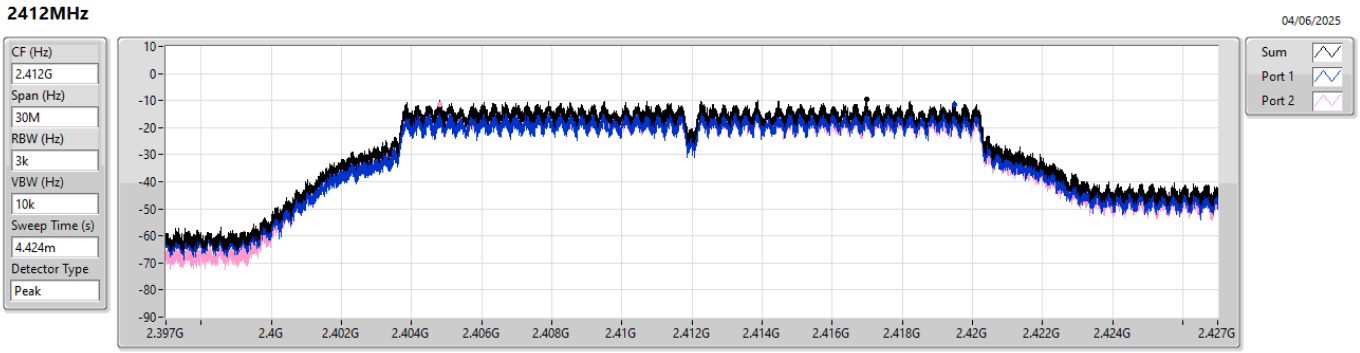
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.94	-3.94	-7.15	-6.55

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

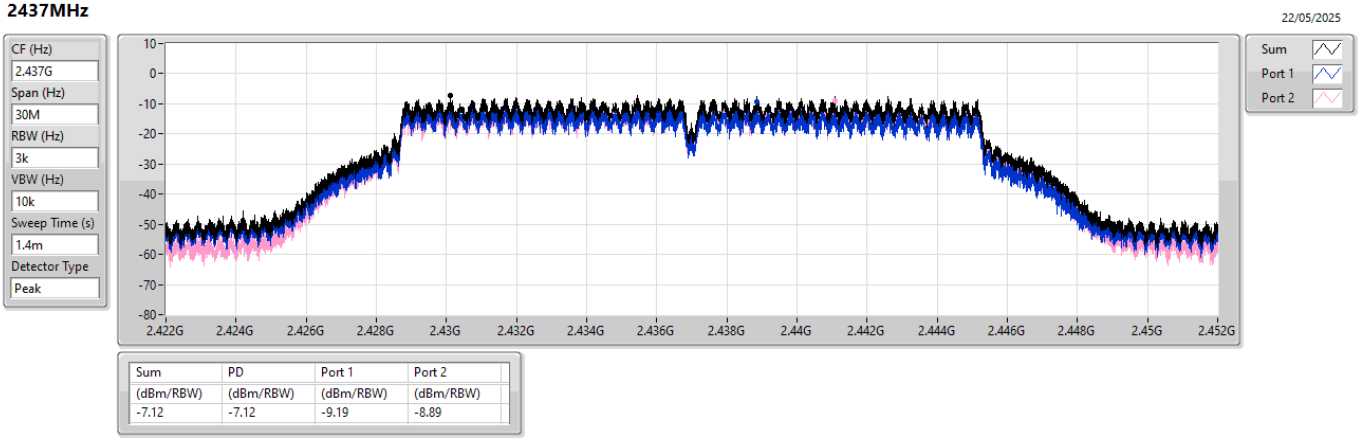
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.43	-9.43	-11.52	-11.63

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

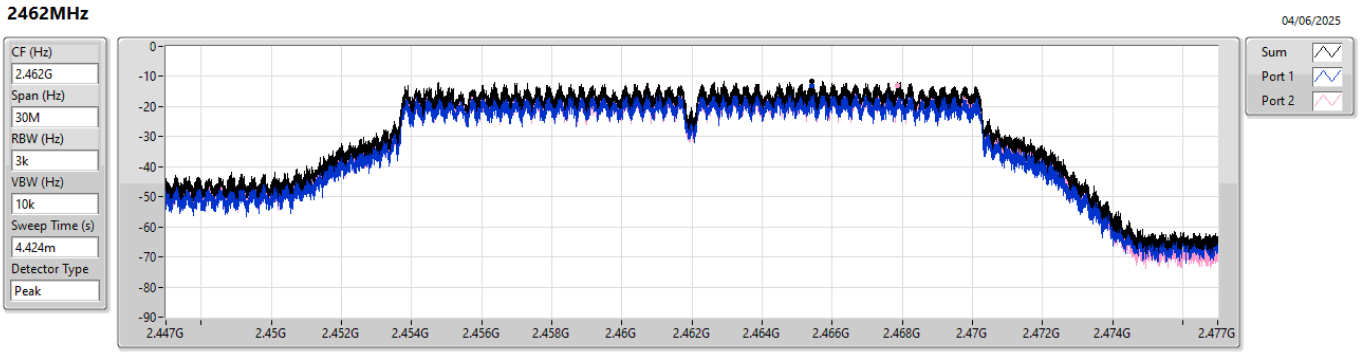
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.12	-7.12	-9.19	-8.89

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

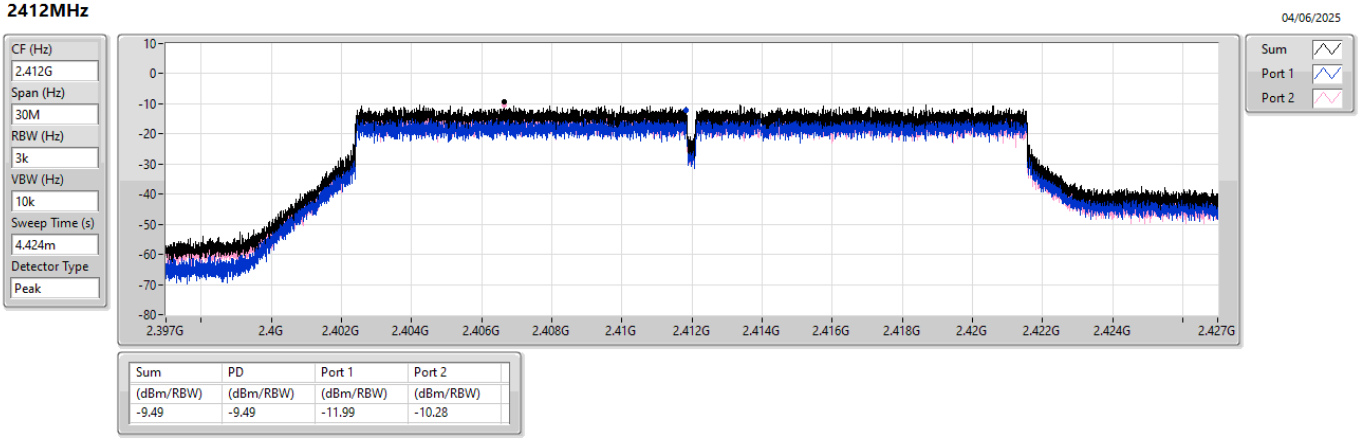
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.61	-11.61	-13.16	-12.86

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

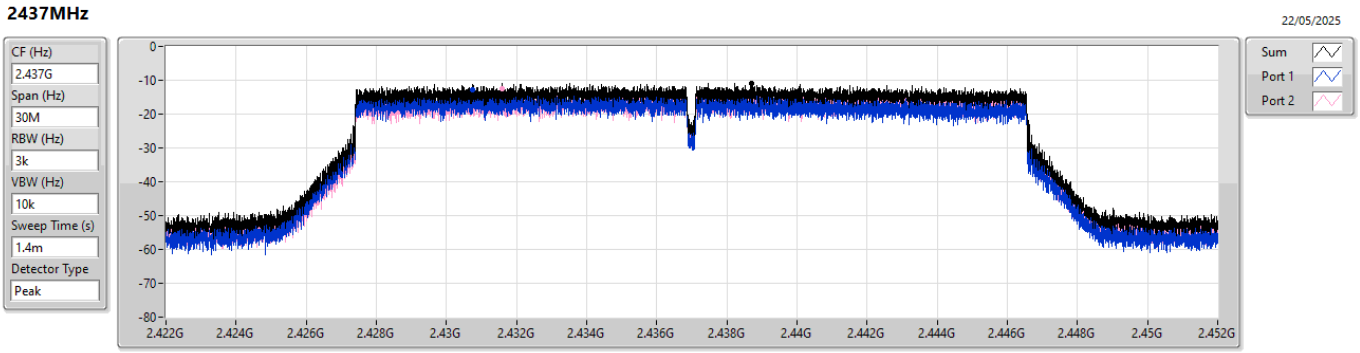
2412MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.49	-9.49	-11.99	-10.28

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

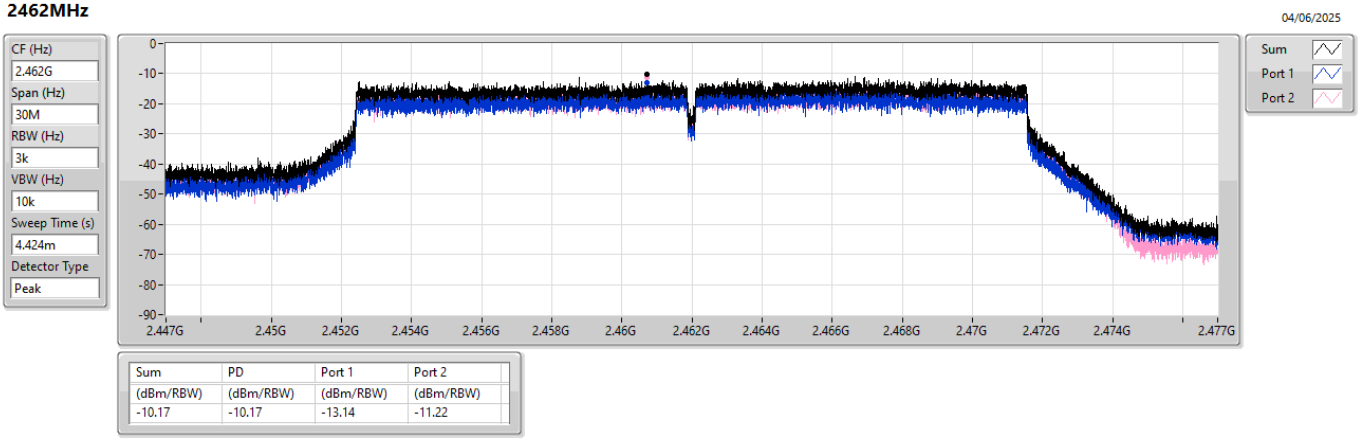
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.80	-10.80	-12.87	-12.46

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

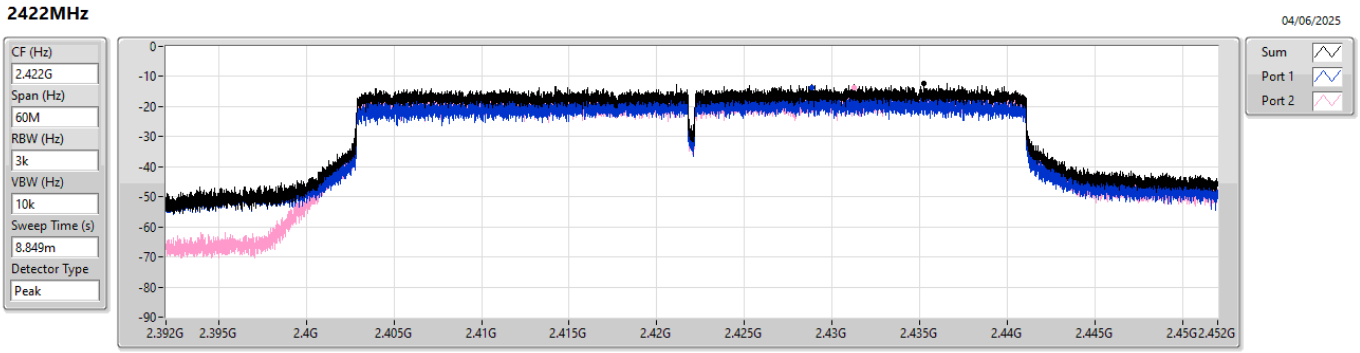
2462MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.17	-10.17	-13.14	-11.22

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

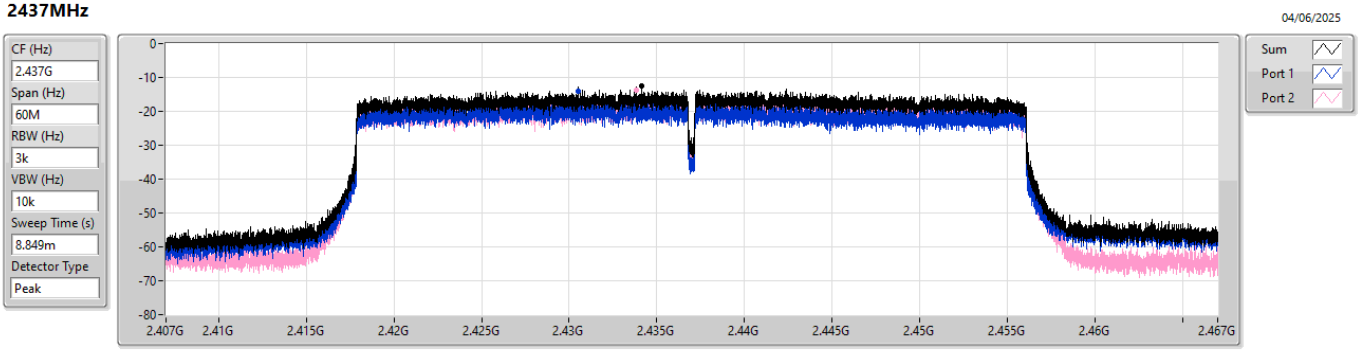
2422MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.32	-12.32	-13.84	-13.59

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

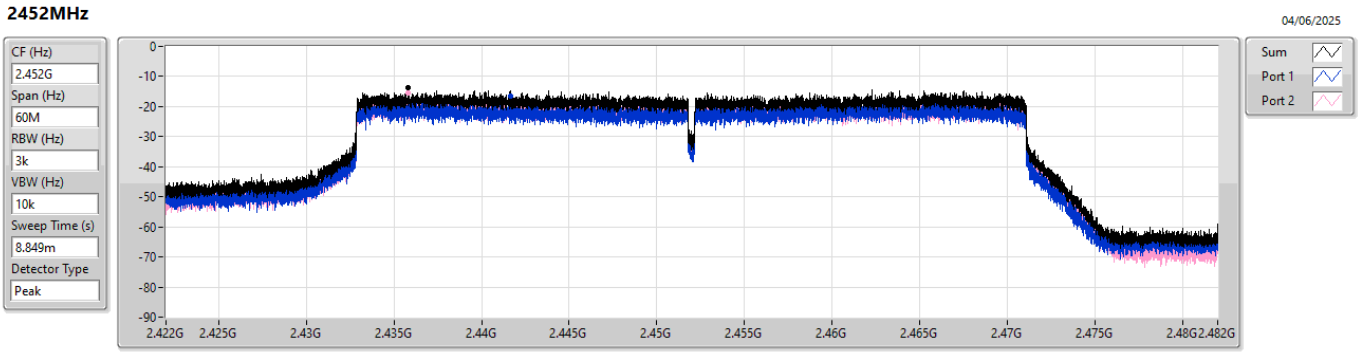
2437MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.63	-12.63	-14.05	-13.88

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)
-13.69	-13.69	-16.38	-15.55

Summary

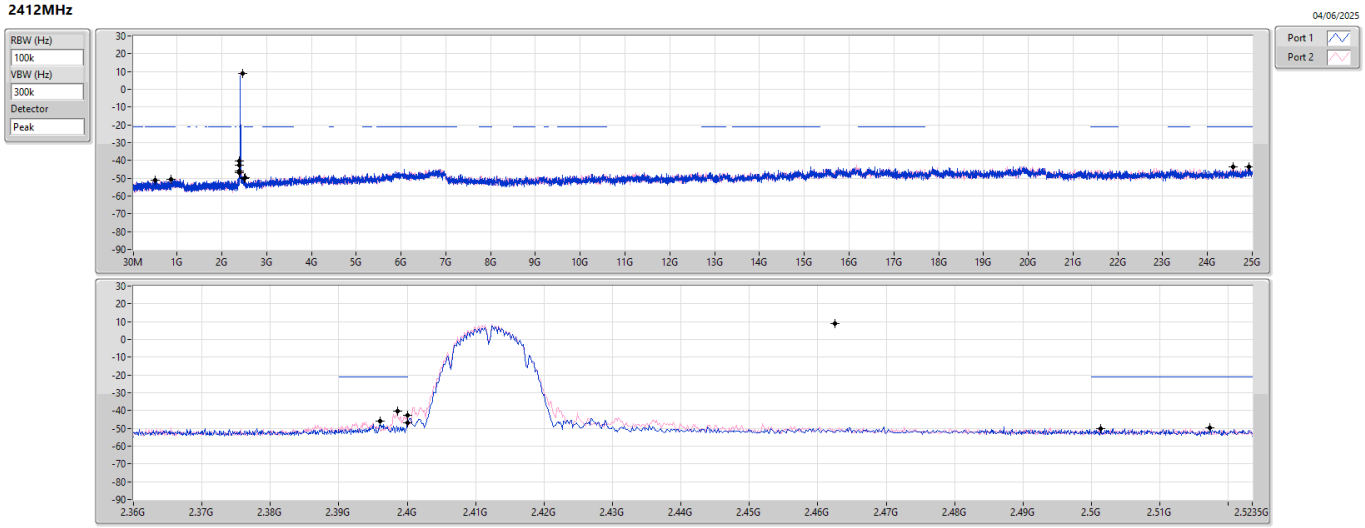
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.46246G	8.93	-21.07	505.32M	-51.26	2.39856G	-40.08	2.4G	-42.48	2.51734G	-49.60	24.92414G	-43.77	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43073G	6.38	-23.62	909.58M	-50.78	2.39992G	-40.80	2.4G	-36.20	2.52174G	-49.83	16.45612G	-43.24	2
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	2.40685G	4.71	-25.29	957.34M	-50.96	2.39984G	-33.74	2.4G	-33.01	2.50462G	-50.09	16.52074G	-43.40	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	2.43691G	2.16	-27.84	2.01085G	-51.01	2.39968G	-27.89	2.4G	-28.29	2.51342G	-50.82	24.9355G	-43.45	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46246G	8.93	-21.07	866.47M	-50.63	2.396G	-45.72	2.4G	-46.79	2.50134G	-50.09	24.57857G	-43.55	1
2412MHz	Pass	2.46246G	8.93	-21.07	505.32M	-51.26	2.39856G	-40.08	2.4G	-42.48	2.51734G	-49.60	24.92414G	-43.77	2
2437MHz	Pass	2.46246G	8.93	-21.07	92.91M	-53.98	2.39872G	-49.81	2.4G	-54.16	2.5235G	-51.62	21.55267G	-46.83	1
2437MHz	Pass	2.46246G	8.93	-21.07	2.09205G	-53.26	2.39864G	-50.95	2.4G	-54.49	2.50566G	-51.10	21.64538G	-44.79	2
2462MHz	Pass	2.46246G	8.93	-21.07	1.78449G	-53.56	2.3984G	-50.96	2.4G	-55.34	2.52038G	-50.43	21.56952G	-46.65	1
2462MHz	Pass	2.46246G	8.93	-21.07	35.83M	-53.18	2.39736G	-50.98	2.4G	-55.74	2.51918G	-51.08	21.59762G	-46.59	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43073G	6.38	-23.62	825.7M	-50.95	2.39992G	-38.77	2.4G	-36.27	2.5059G	-49.62	23.18783G	-43.42	1
2412MHz	Pass	2.43073G	6.38	-23.62	909.58M	-50.78	2.39992G	-40.80	2.4G	-36.20	2.52174G	-49.83	16.45612G	-43.24	2
2437MHz	Pass	2.43073G	6.38	-23.62	2.16778G	-52.91	2.39736G	-48.15	2.4G	-48.69	2.52206G	-50.62	21.47962G	-46.58	1
2437MHz	Pass	2.43073G	6.38	-23.62	1.77284G	-52.56	2.39912G	-47.71	2.4G	-49.68	2.51086G	-50.30	21.58638G	-45.62	2
2462MHz	Pass	2.43073G	6.38	-23.62	795.41M	-50.80	2.39704G	-50.38	2.4G	-52.67	2.5075G	-49.20	24.87919G	-43.95	1
2462MHz	Pass	2.43073G	6.38	-23.62	2.08739G	-51.07	2.396G	-50.30	2.4G	-51.71	2.50494G	-49.68	16.72303G	-43.18	2
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.40685G	4.71	-25.29	953.85M	-50.69	2.4G	-37.82	2.4G	-35.34	2.50166G	-49.96	6.88394G	-41.73	1
2412MHz	Pass	2.40685G	4.71	-25.29	957.34M	-50.96	2.39984G	-33.74	2.4G	-33.01	2.50462G	-50.09	16.52074G	-43.40	2
2437MHz	Pass	2.40685G	4.71	-25.29	2.07807G	-51.73	2.39928G	-46.73	2.4G	-48.58	2.51022G	-51.26	21.55267G	-46.26	1
2437MHz	Pass	2.40685G	4.71	-25.29	2.17244G	-53.16	2.3988G	-46.97	2.4G	-49.62	2.51694G	-51.16	21.4459G	-46.62	2
2462MHz	Pass	2.40685G	4.71	-25.29	1.94992G	-50.60	2.3944G	-49.83	2.4G	-51.65	2.50046G	-49.36	16.20607G	-43.03	1
2462MHz	Pass	2.40685G	4.71	-25.29	938.7M	-48.62	2.3992G	-50.43	2.4G	-52.89	2.51422G	-49.70	16.23697G	-43.22	2
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43691G	2.16	-27.84	2.01085G	-51.01	2.39968G	-27.89	2.4G	-28.29	2.51342G	-50.82	24.9355G	-43.45	1
2422MHz	Pass	2.43691G	2.16	-27.84	1.81964G	-50.33	2.4G	-34.60	2.4G	-33.41	2.5379G	-50.92	16.83031G	-43.68	2
2437MHz	Pass	2.43691G	2.16	-27.84	896.77M	-50.42	2.4G	-42.03	2.4G	-44.67	2.53118G	-50.25	23.12655G	-42.96	1
2437MHz	Pass	2.43691G	2.16	-27.84	2.15283G	-49.85	2.39968G	-41.97	2.4G	-43.58	2.55774G	-50.58	16.44608G	-43.94	2
2452MHz	Pass	2.43691G	2.16	-27.84	577.31M	-50.90	2.39984G	-41.64	2.4G	-42.39	2.5411G	-49.96	24.55968G	-43.29	1
2452MHz	Pass	2.43691G	2.16	-27.84	797.15M	-49.24	2.3992G	-41.61	2.4G	-40.41	2.53678G	-49.69	24.95793G	-43.69	2

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

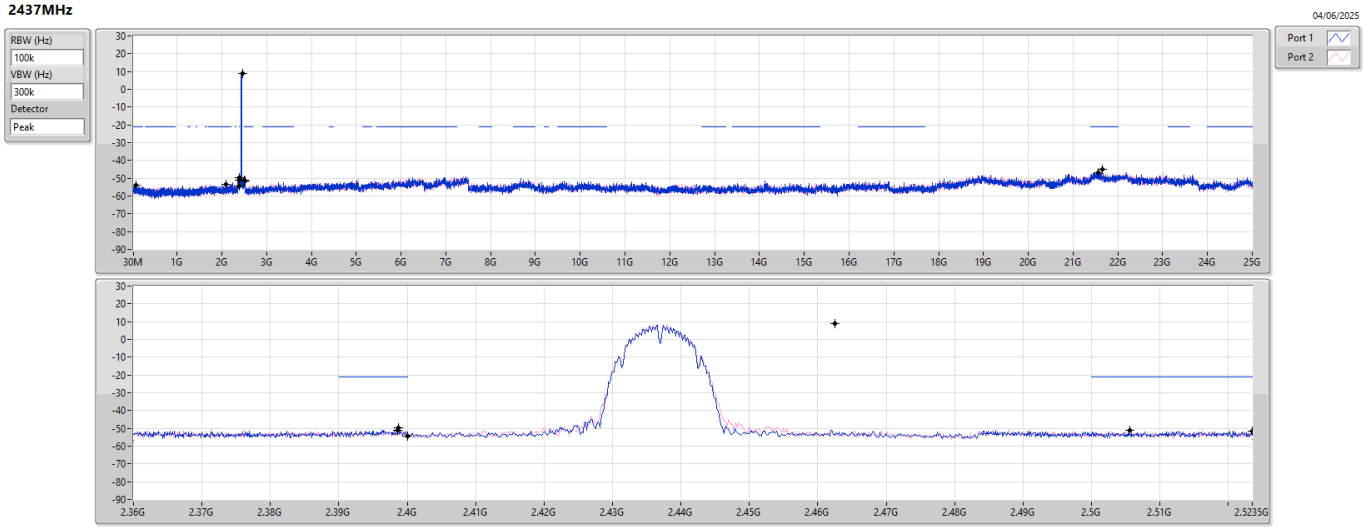
2412MHz



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
2.46246G	8.93	-21.07	866.47M	-50.63	2.396G	-45.72	2.4G	-46.79	2.50134G	-50.09	24.57857G	-43.55	1
2.46246G	8.93	-21.07	505.32M	-51.26	2.39856G	-40.08	2.4G	-42.48	2.51734G	-49.60	24.92414G	-43.77	2

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

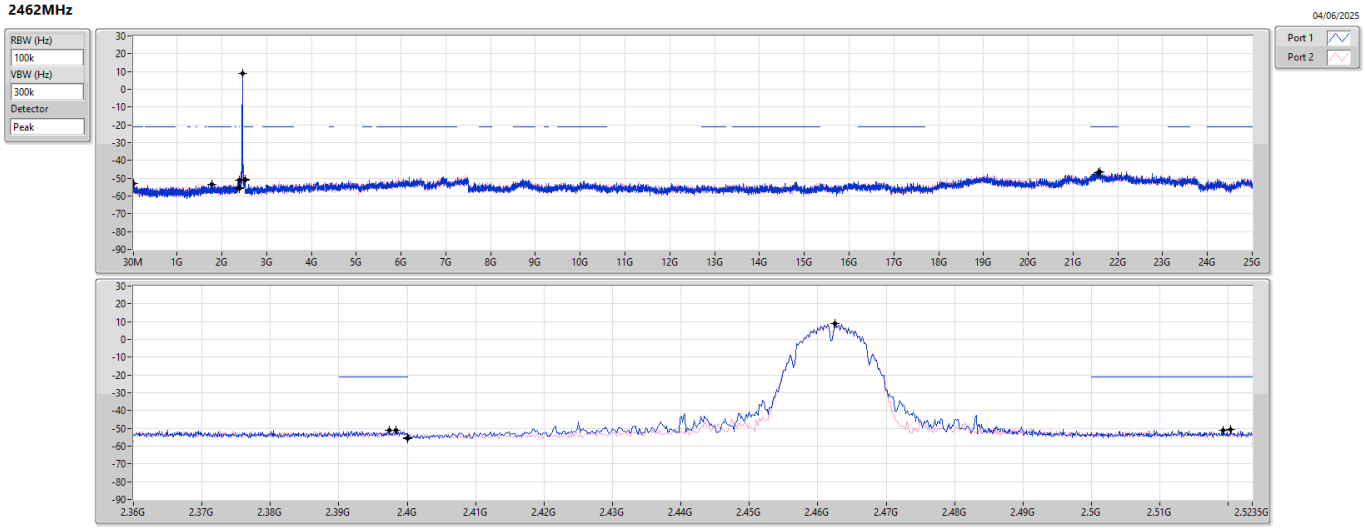
2437MHz



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
2.46246G	8.93	-21.07	92.91M	-53.98	2.39872G	-49.81	2.4G	-54.16	2.5235G	-51.62	21.55267G	-46.83	1
2.46246G	8.93	-21.07	2.09205G	-53.26	2.39864G	-50.95	2.4G	-54.49	2.50566G	-51.10	21.64538G	-44.79	2

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

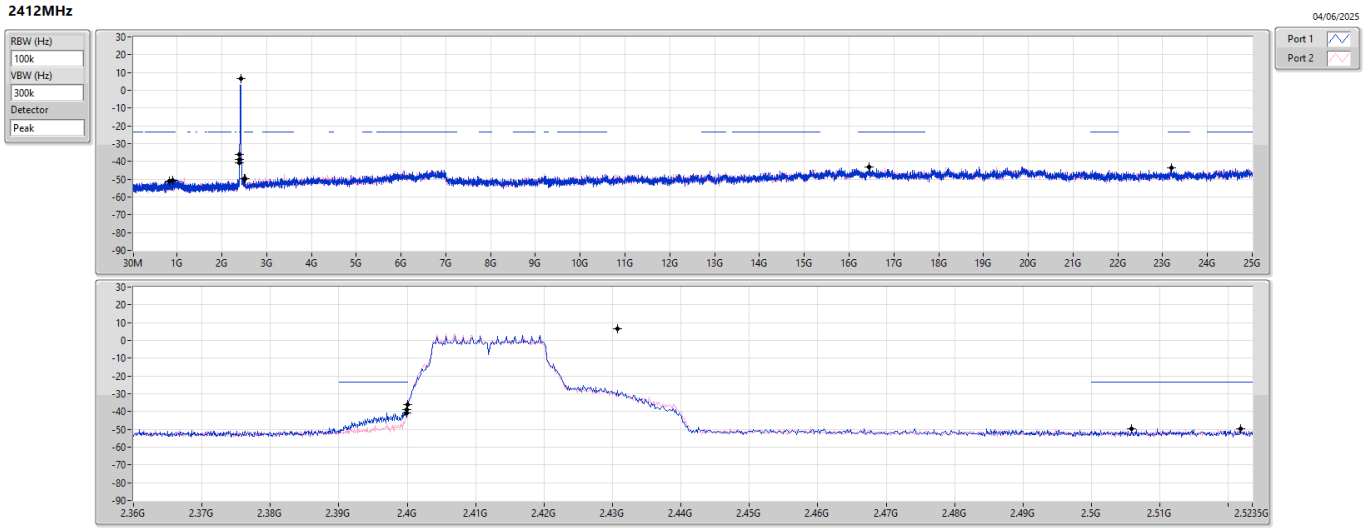
2462MHz



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
2.46246G	8.93	-21.07	1.78449G	-53.56	2.3984G	-50.96	2.4G	-55.34	2.52038G	-50.43	21.56952G	-46.65	1
2.46246G	8.93	-21.07	35.83M	-53.18	2.39736G	-50.98	2.4G	-55.74	2.51918G	-51.08	21.59762G	-46.59	2

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

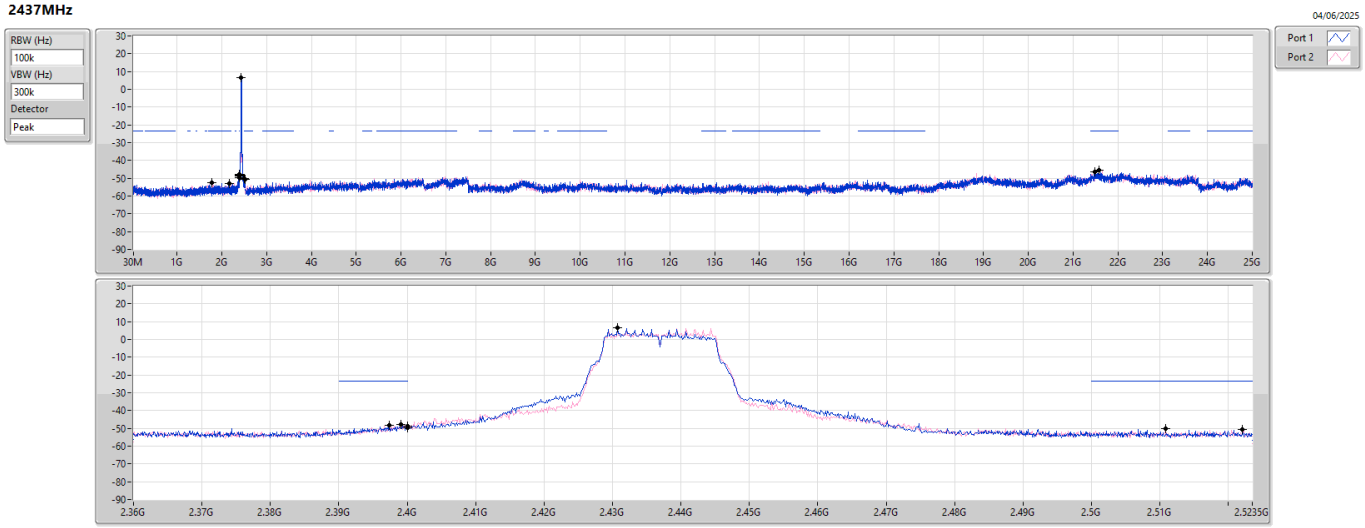
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	6.38	-23.62	825.7M	-50.95	2.39992G	-38.77	2.4G	-36.27	2.5059G	-49.62	23.18783G	-43.42	1
2.43073G	6.38	-23.62	909.58M	-50.78	2.39992G	-40.80	2.4G	-36.20	2.52174G	-49.83	16.45612G	-43.24	2

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

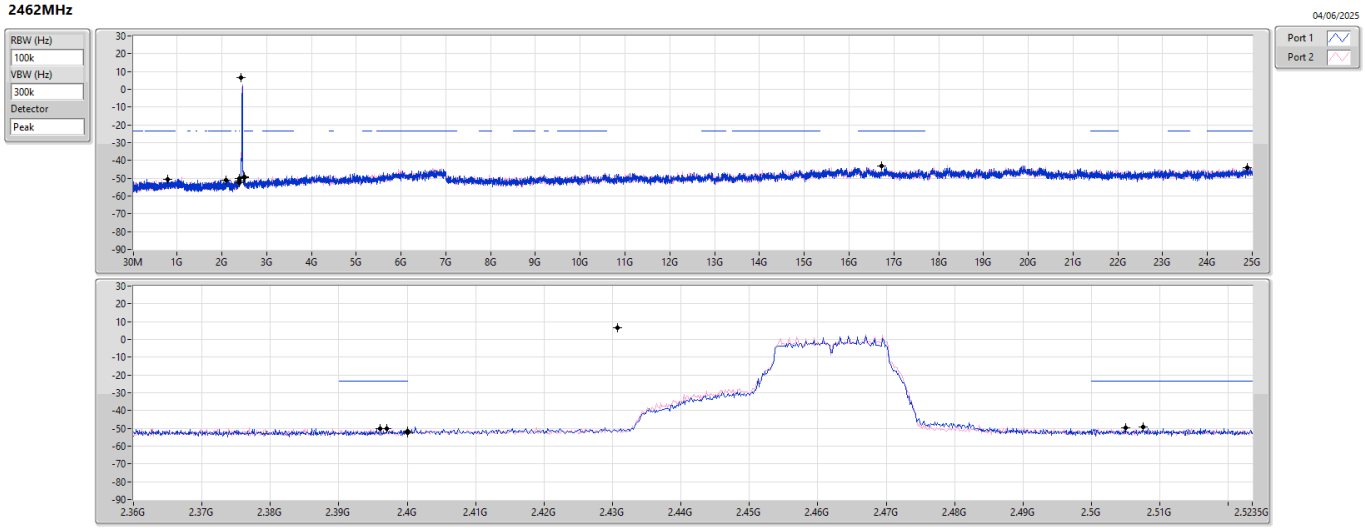
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	6.38	-23.62	2.16778G	-52.91	2.39736G	-48.15	2.4G	-48.69	2.52206G	-50.62	21.47962G	-46.58	1
2.43073G	6.38	-23.62	1.77284G	-52.56	2.39912G	-47.71	2.4G	-49.68	2.51086G	-50.30	21.58638G	-45.62	2

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

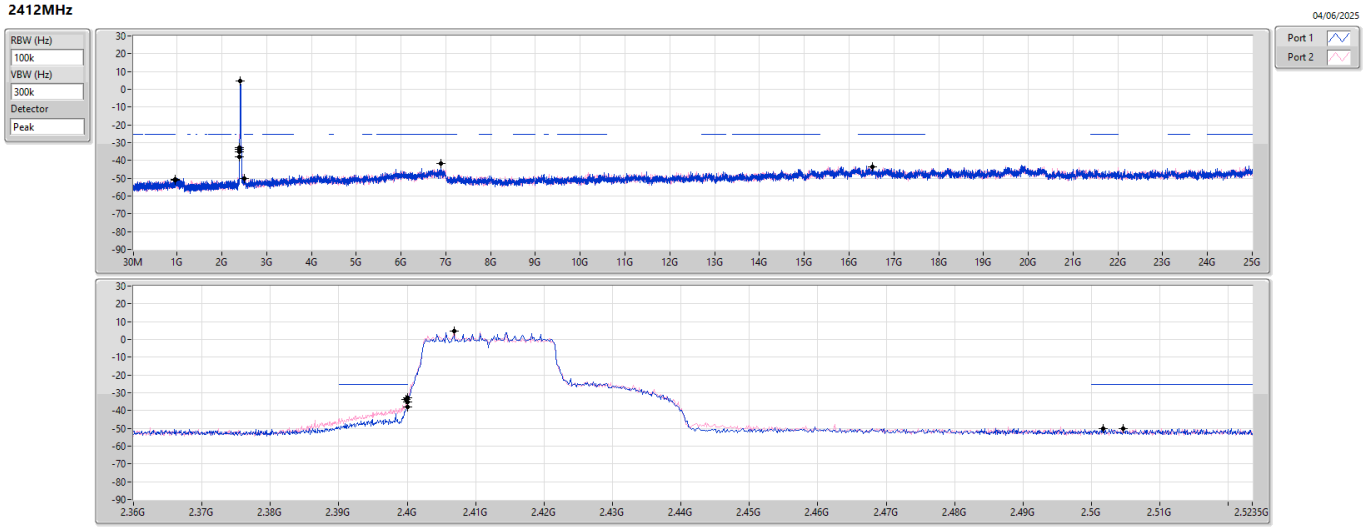
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43073G	6.38	-23.62	795.41M	-50.80	2.39704G	-50.38	2.4G	-52.67	2.5075G	-49.20	24.87919G	-43.95	1
2.43073G	6.38	-23.62	2.08739G	-51.07	2.396G	-50.30	2.4G	-51.71	2.50494G	-49.68	16.72303G	-43.18	2

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

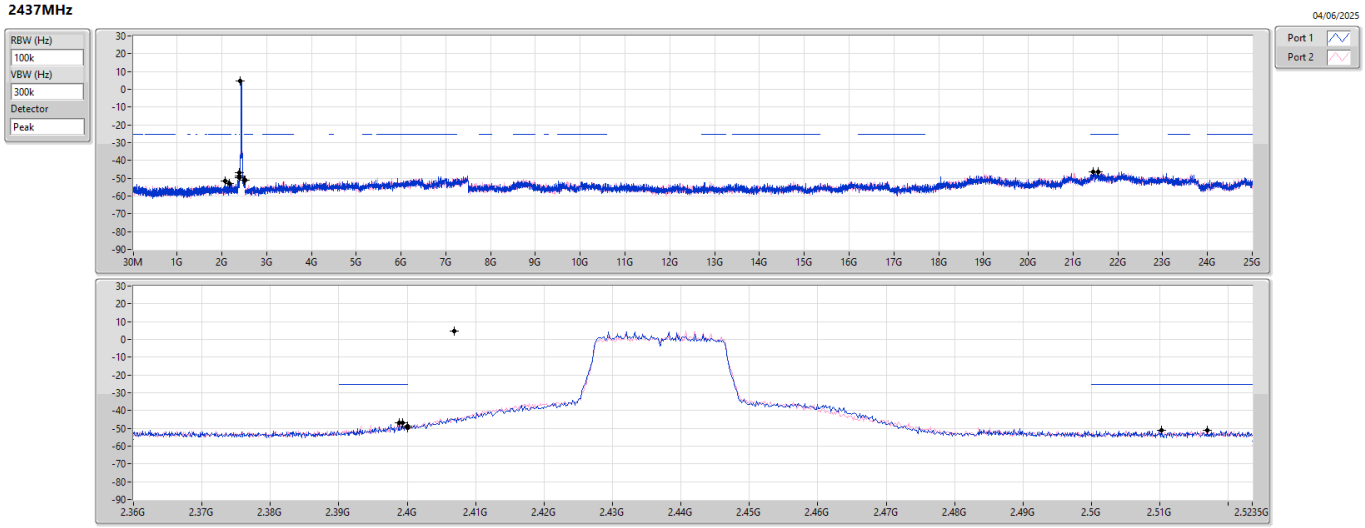
2412MHz



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
2.40685G	4.71	-25.29	953.85M	-50.69	2.4G	-37.82	2.4G	-35.34	2.50166G	-49.96	6.88394G	-41.73	1
2.40685G	4.71	-25.29	957.34M	-50.96	2.39984G	-33.74	2.4G	-33.01	2.50462G	-50.09	16.52074G	-43.40	2

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

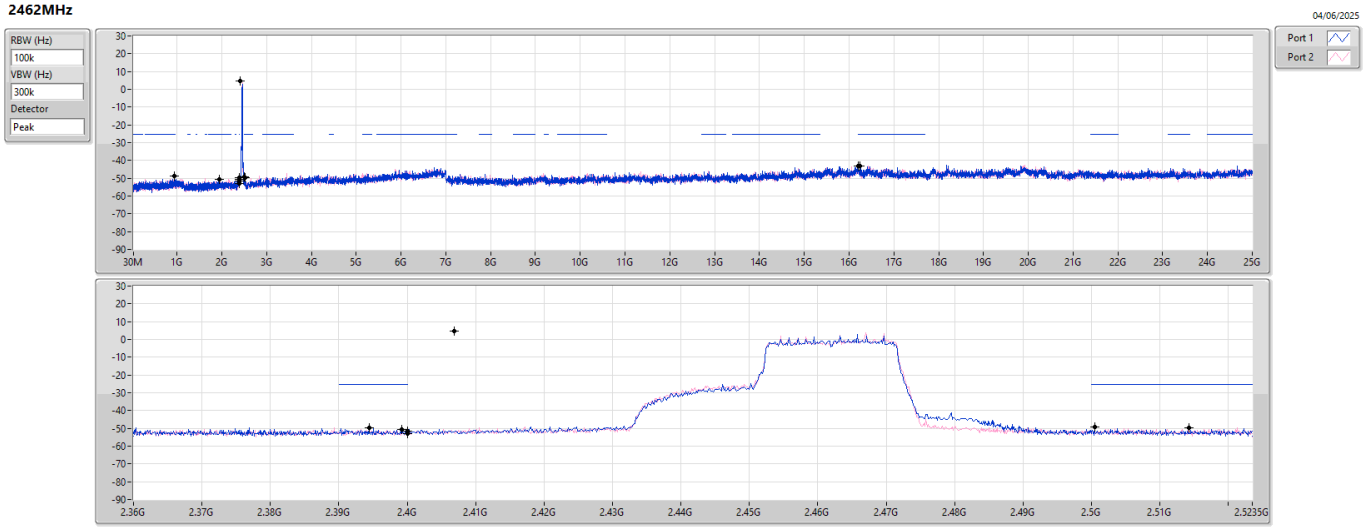
2437MHz



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
2.40685G	4.71	-25.29	2.07807G	-51.73	2.39928G	-46.73	2.4G	-48.58	2.51022G	-51.26	21.55267G	-46.26	1
2.40685G	4.71	-25.29	2.17244G	-53.16	2.3988G	-46.97	2.4G	-49.62	2.51694G	-51.16	21.4459G	-46.62	2

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

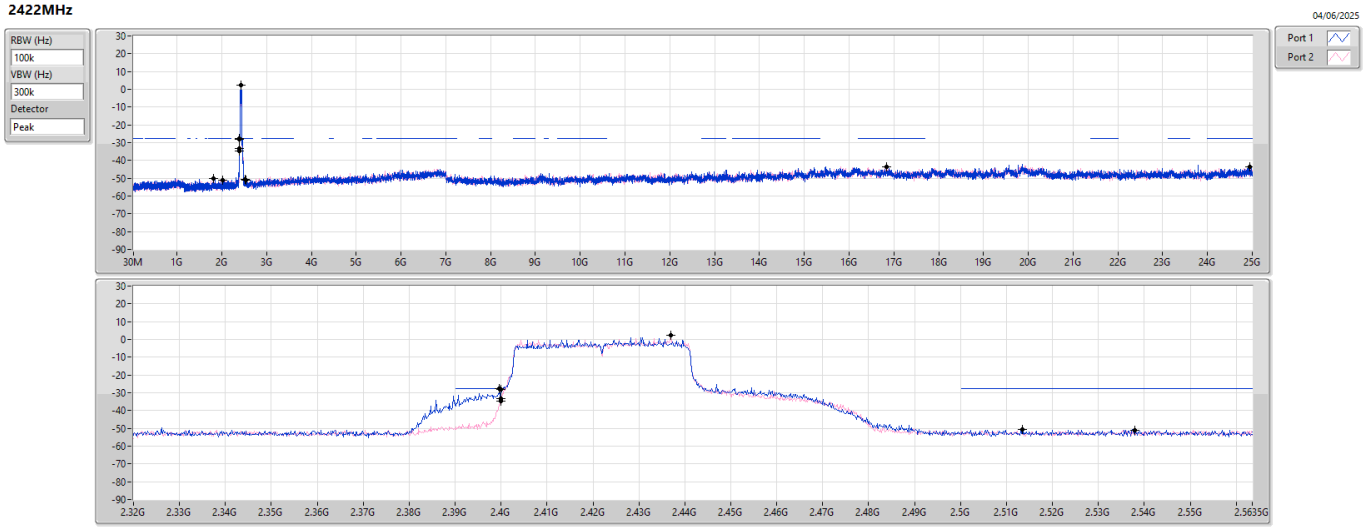
2462MHz



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
2.40685G	4.71	-25.29	1.94992G	-50.60	2.3944G	-49.83	2.4G	-51.65	2.50046G	-49.36	16.20607G	-43.03	1
2.40685G	4.71	-25.29	938.7M	-48.62	2.3992G	-50.43	2.4G	-52.89	2.51422G	-49.70	16.23697G	-43.22	2

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

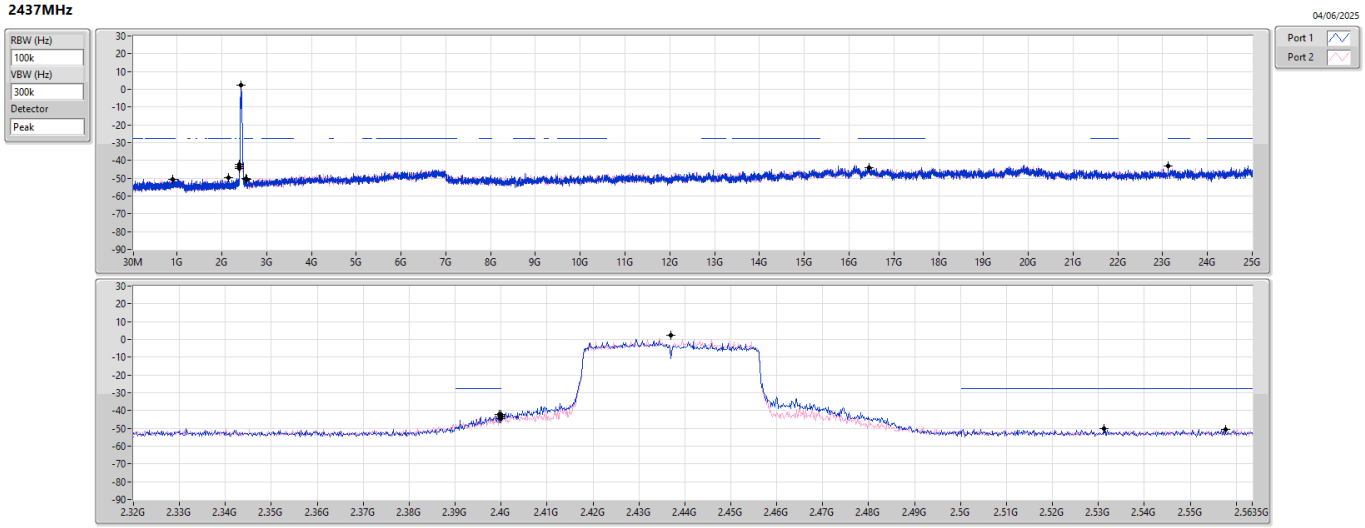
2422MHz



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
2.43691G	2.16	-27.84	2.01085G	-51.01	2.39968G	-27.89	2.4G	-28.29	2.51342G	-50.82	24.9355G	-43.45	1
2.43691G	2.16	-27.84	1.81964G	-50.33	2.4G	-34.60	2.4G	-33.41	2.5379G	-50.92	16.83031G	-43.68	2

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

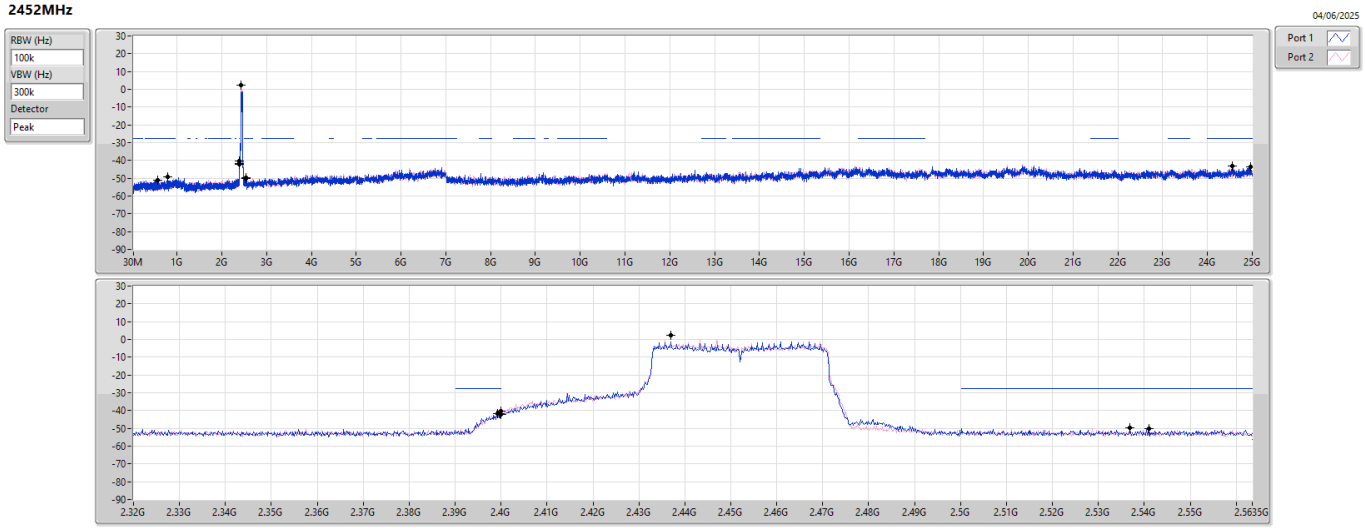
2437MHz



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
2.43691G	2.16	-27.84	896.77M	-50.42	2.4G	-42.03	2.4G	-44.67	2.53118G	-50.25	23.12655G	-42.96	1
2.43691G	2.16	-27.84	2.15283G	-49.85	2.39968G	-41.97	2.4G	-43.58	2.55774G	-50.58	16.44608G	-43.94	2

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

2452MHz

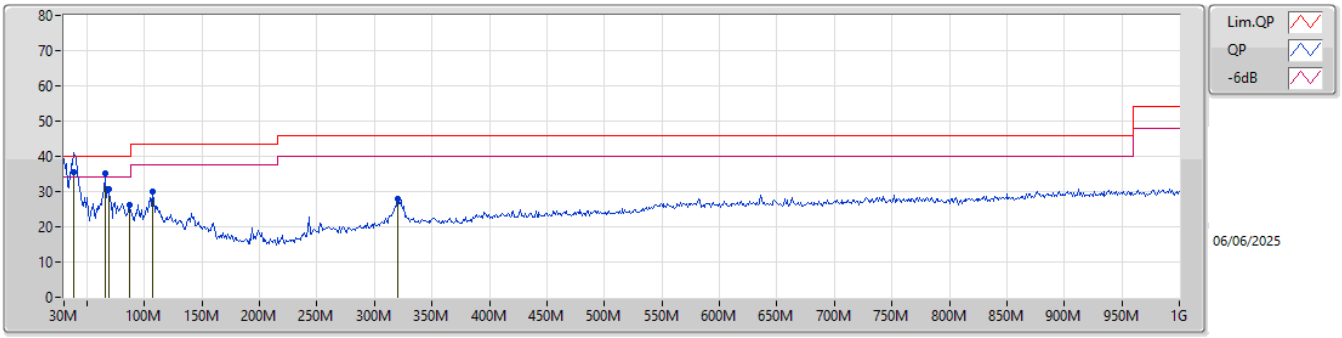


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43691G	2.16	-27.84	577.31M	-50.90	2.39984G	-41.64	2.4G	-42.39	2.5411G	-49.96	24.55968G	-43.29	1
2.43691G	2.16	-27.84	797.15M	-49.24	2.3992G	-41.61	2.4G	-40.41	2.53678G	-49.69	24.95793G	-43.69	2

Summary

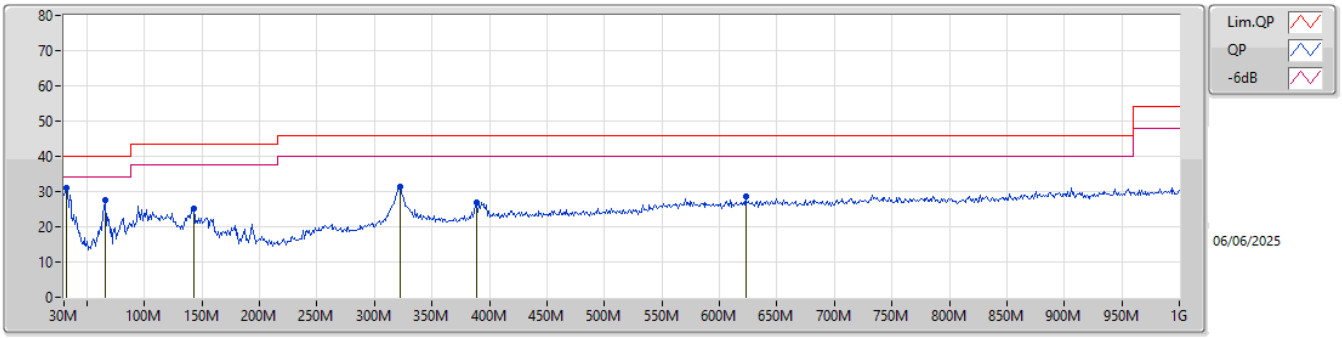
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	38.73M	35.46	40.00	-4.54	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
QP	38.73M	35.46	40.00	-4.54	-11.20	3	Vertical	215	1.00	"Worst"	46.66	19.49	1.05	31.74
PK	65.89M	35.08	40.00	-4.92	-18.40	3	Vertical	127	1.00	-	53.48	12.29	1.29	31.98
PK	68.8M	30.70	40.00	-9.30	-18.29	3	Vertical	126	1.50	-	48.99	12.37	1.31	31.97
PK	87.23M	26.28	40.00	-13.72	-16.28	3	Vertical	172	1.25	-	42.56	14.29	1.45	32.02
PK	106.63M	30.05	43.50	-13.45	-12.90	3	Vertical	194	1.00	-	42.95	17.48	1.58	31.96
PK	320.03M	27.78	46.00	-18.22	-9.75	3	Vertical	155	1.25	-	37.53	19.66	2.73	32.14

Mode 1



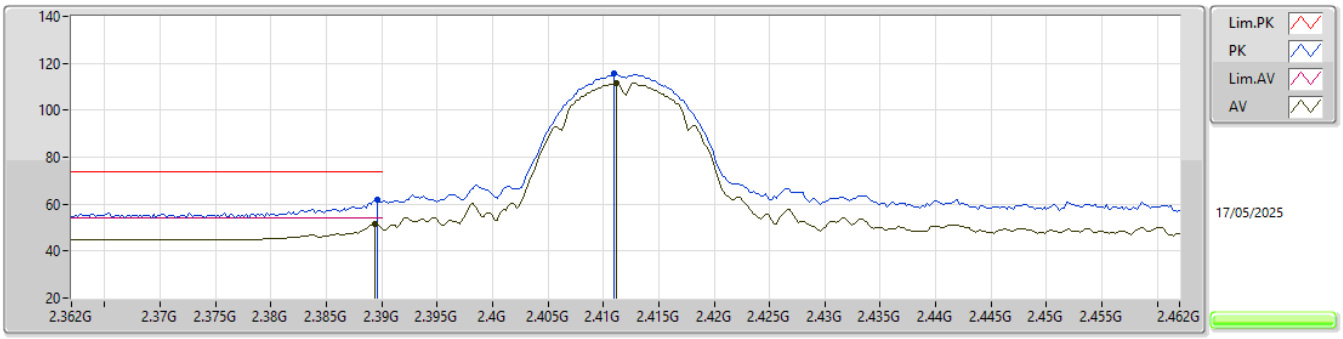
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	31.94M	30.99	40.00	-9.01	-8.50	3	Horizontal	236	2.00	"Worst"	39.49	22.67	0.97	32.14
PK	65.89M	27.55	40.00	-12.45	-18.40	3	Horizontal	62	3.00	-	45.95	12.29	1.29	31.98
PK	142.52M	25.30	43.50	-18.20	-13.32	3	Horizontal	100	2.00	-	38.62	16.98	1.81	32.11
PK	321.97M	31.46	46.00	-14.54	-9.72	3	Horizontal	233	1.25	-	41.18	19.68	2.74	32.14
PK	388.9M	26.80	46.00	-19.20	-7.91	3	Horizontal	247	1.00	-	34.71	21.23	3.03	32.17
PK	622.67M	28.67	46.00	-17.33	-3.93	3	Horizontal	203	1.00	-	32.60	24.76	3.84	32.53

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	PK	2.484G	72.96	74.00	-1.04	3	Vertical	134	1.17	-

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

2412MHz_TX

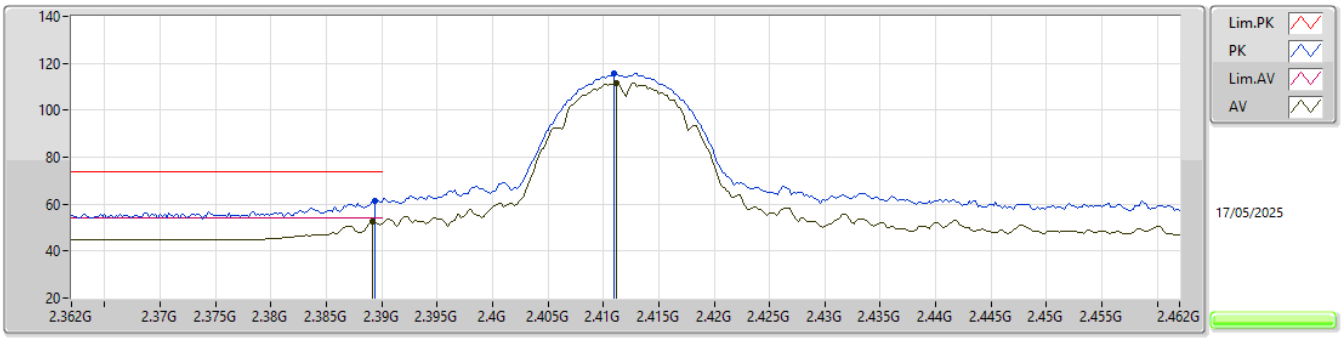


EUT Z_2TX
Setting 68
04-E-G-4

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	2.3896G	61.68	74.00	-12.32	28.55	3	Vertical	52	1.01	-	27.50	5.63	-
AV	2.3894G	51.55	54.00	-2.45	18.42	3	Vertical	52	1.01	-	27.50	5.63	-
PK	2.411G	115.50	Inf	-Inf	82.35	3	Vertical	52	1.01	-	27.50	5.65	-
AV	2.4112G	111.63	Inf	-Inf	78.48	3	Vertical	52	1.01	-	27.50	5.65	-

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

2412MHz_TX

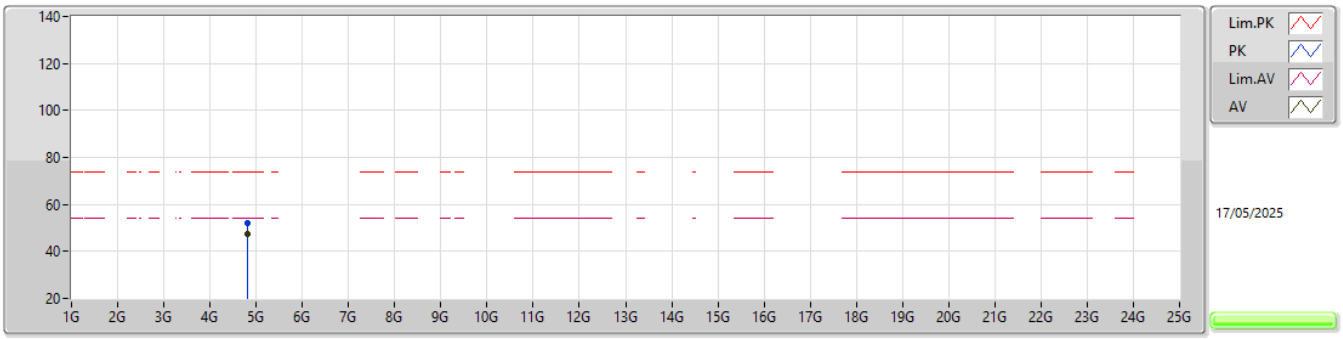


EUT Z_2TX
Setting 68
04-E-G-4

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	61.56	74.00	-12.44	28.43	3	Horizontal	52	1.01	-	27.50	5.63	-
AV	2.3892G	52.73	54.00	-1.27	19.60	3	Horizontal	52	1.01	-	27.50	5.63	-
PK	2.411G	115.62	Inf	-Inf	82.47	3	Horizontal	52	1.01	-	27.50	5.65	-
AV	2.4112G	111.74	Inf	-Inf	78.59	3	Horizontal	52	1.01	-	27.50	5.65	-

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

2412MHz_TX

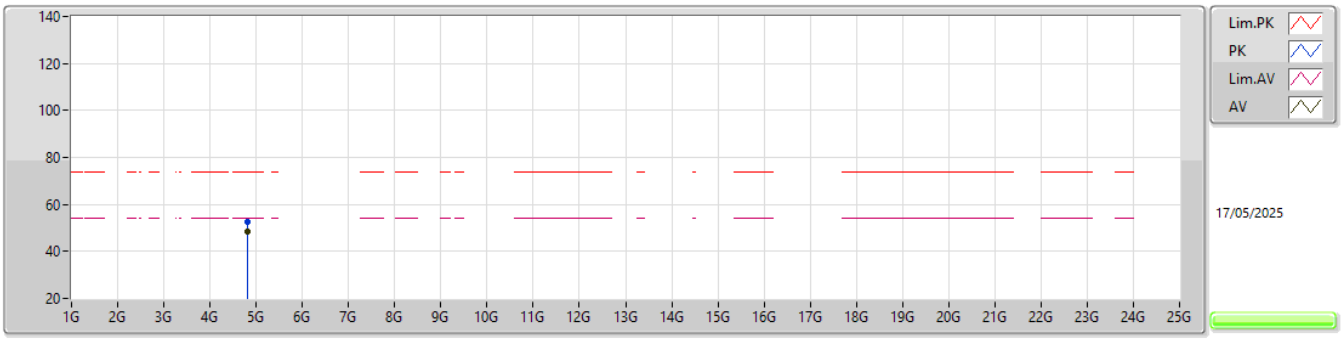


EUT Z_2TX
Setting 68
04-E-G-4

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	4.82396G	51.98	74.00	-22.02	56.49	3	Vertical	180	1.00	-	31.30	8.13	43.94
AV	4.82396G	47.33	54.00	-6.67	51.84	3	Vertical	180	1.00	-	31.30	8.13	43.94

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

2412MHz_TX

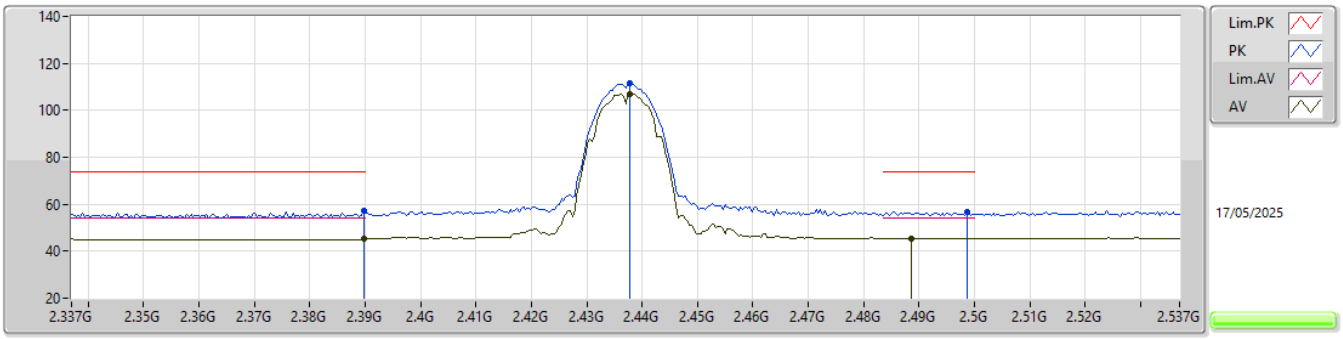


EUT Z_2TX
Setting 68
04-E-G-4

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	4.824G	52.60	74.00	-21.40	57.11	3	Horizontal	127	1.01	-	31.30	8.13	43.94
AV	4.82396G	48.24	54.00	-5.76	52.75	3	Horizontal	127	1.01	-	31.30	8.13	43.94

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

2437MHz_TX

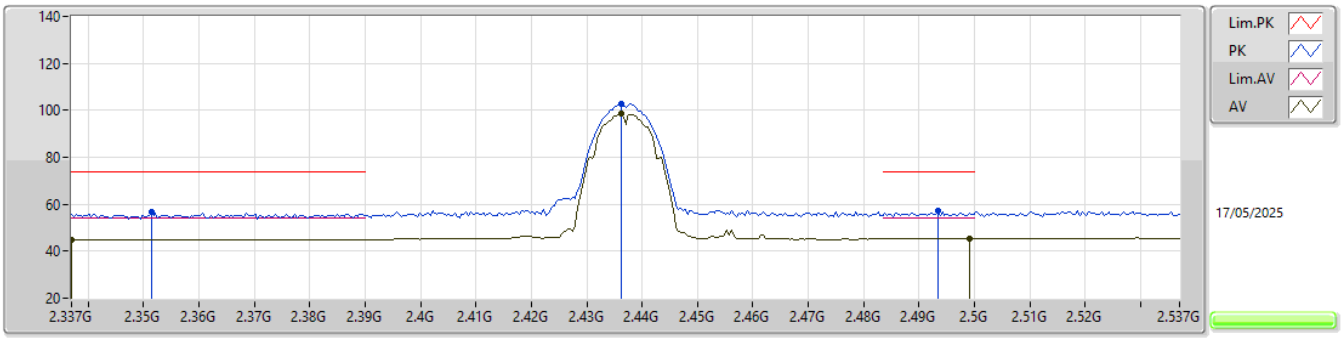


EUT Z_2TX
Setting 59
04-E-G-4

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	57.10	74.00	-16.90	23.97	3	Vertical	226	1.04	-	27.50	5.63	-
AV	2.3898G	45.14	54.00	-8.86	12.01	3	Vertical	226	1.04	-	27.50	5.63	-
PK	2.4378G	111.40	Inf	-Inf	78.23	3	Vertical	226	1.04	-	27.50	5.67	-
AV	2.4378G	107.13	Inf	-Inf	73.96	3	Vertical	226	1.04	-	27.50	5.67	-
PK	2.4986G	56.97	74.00	-17.03	23.64	3	Vertical	226	1.04	-	27.61	5.72	-
AV	2.4886G	45.52	54.00	-8.48	12.13	3	Vertical	226	1.04	-	27.67	5.72	-

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

2437MHz_TX

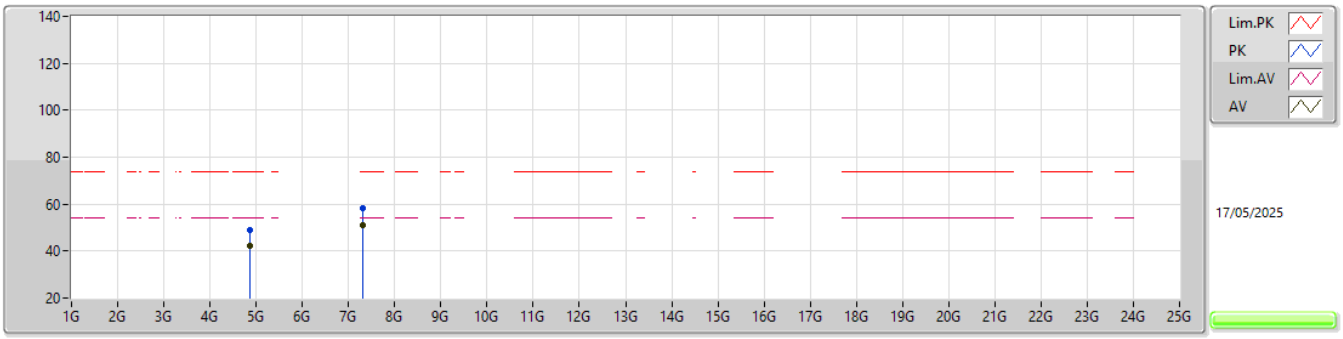


EUT Z_2TX
Setting 59
04-E-G-4

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	2.3514G	56.50	74.00	-17.50	23.21	3	Horizontal	180	1.15	-	27.69	5.60	-
AV	2.337G	45.02	54.00	-8.98	11.70	3	Horizontal	180	1.15	-	27.73	5.59	-
PK	2.4362G	102.66	Inf	-Inf	69.49	3	Horizontal	180	1.15	-	27.50	5.67	-
AV	2.4362G	98.51	Inf	-Inf	65.34	3	Horizontal	180	1.15	-	27.50	5.67	-
PK	2.4934G	57.47	74.00	-16.53	24.08	3	Horizontal	180	1.15	-	27.67	5.72	-
AV	2.499G	45.41	54.00	-8.59	12.08	3	Horizontal	180	1.15	-	27.61	5.72	-

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

2437MHz_TX

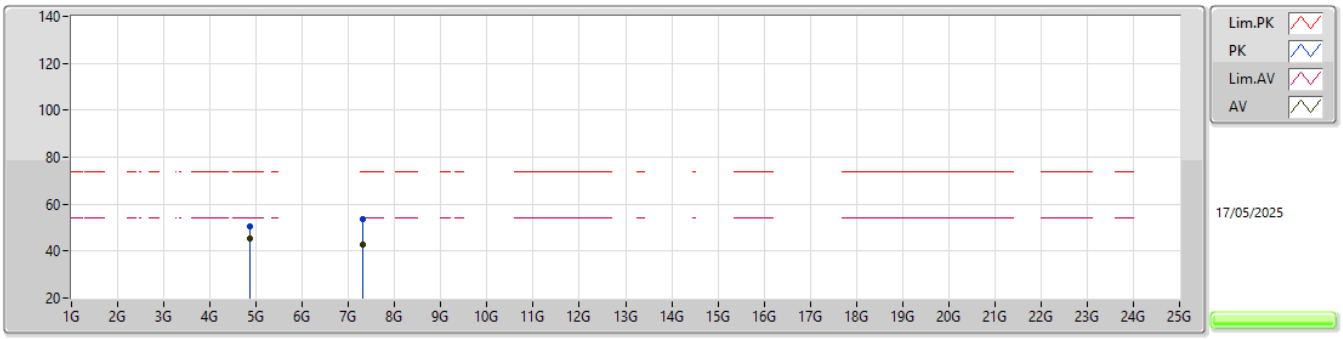


EUT Z_2TX
Setting 59
04-E-G-4

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	4.87388G	49.10	74.00	-24.90	53.54	3	Vertical	140	1.07	-	31.30	8.18	43.92
AV	4.87394G	42.29	54.00	-11.71	46.73	3	Vertical	140	1.07	-	31.30	8.18	43.92
PK	7.31004G	58.38	74.00	-15.62	54.56	3	Vertical	330	3.00	-	36.20	10.38	42.76
AV	7.31022G	51.23	54.00	-2.77	47.41	3	Vertical	330	3.00	-	36.20	10.38	42.76

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

2437MHz_TX

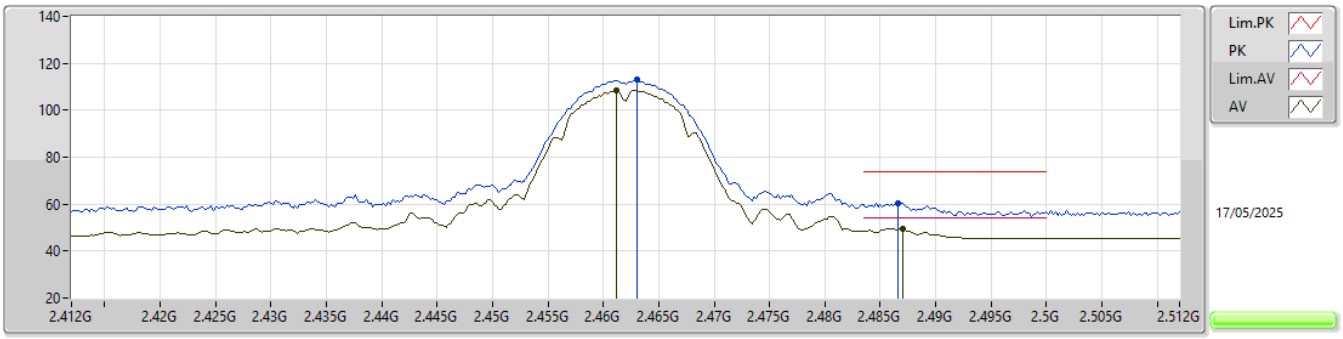


EUT Z_2TX
Setting 59
04-E-G-4

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	4.87388G	50.66	74.00	-23.34	55.10	3	Horizontal	128	1.00	-	31.30	8.18	43.92
AV	4.87394G	45.23	54.00	-8.77	49.67	3	Horizontal	128	1.00	-	31.30	8.18	43.92
PK	7.31286G	53.50	74.00	-20.50	49.69	3	Horizontal	204	2.43	-	36.20	10.38	42.77
AV	7.31016G	42.73	54.00	-11.27	38.91	3	Horizontal	204	2.43	-	36.20	10.38	42.76

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

2462MHz_TX

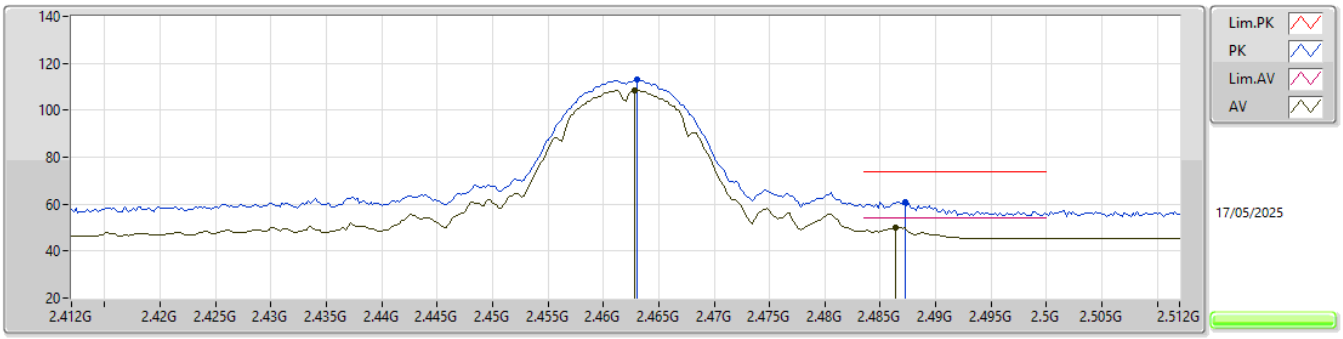


EUT Z_2TX
Setting 64
04-E-G-4

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	112.98	Inf	-Inf	79.82	3	Vertical	143	1.26	-	27.47	5.69	-
AV	2.4612G	108.40	Inf	-Inf	75.22	3	Vertical	143	1.26	-	27.49	5.69	-
PK	2.4866G	60.40	74.00	-13.60	27.06	3	Vertical	143	1.26	-	27.63	5.71	-
AV	2.487G	49.70	54.00	-4.30	16.35	3	Vertical	143	1.26	-	27.64	5.71	-

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

2462MHz_TX

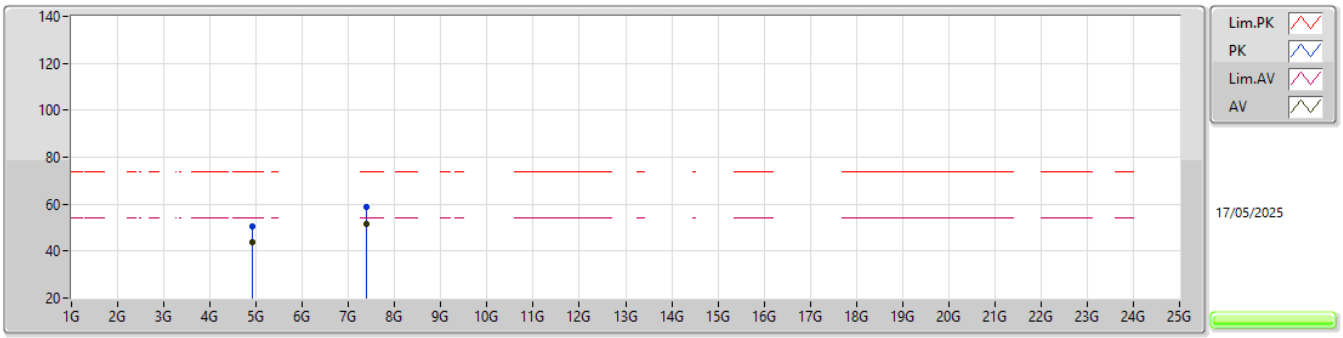


EUT Z_2TX
Setting 64
04-E-G-4

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	113.15	Inf	-Inf	79.99	3	Horizontal	147	1.26	-	27.47	5.69	-
AV	2.4628G	108.45	Inf	-Inf	75.29	3	Horizontal	147	1.26	-	27.47	5.69	-
PK	2.4872G	60.71	74.00	-13.29	27.36	3	Horizontal	147	1.26	-	27.64	5.71	-
AV	2.4864G	50.02	54.00	-3.98	16.68	3	Horizontal	147	1.26	-	27.63	5.71	-

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

2462MHz_TX

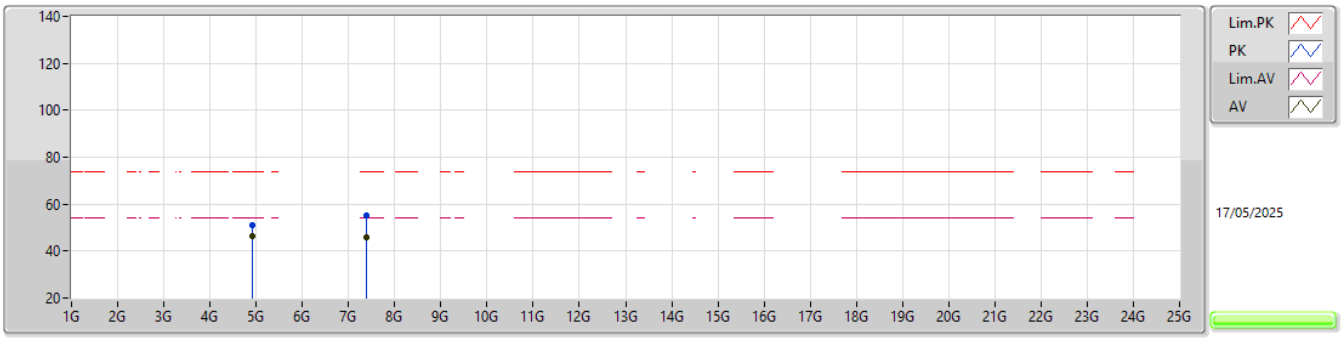


EUT Z_2TX
Setting 64
04-E-G-4

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	4.924G	50.55	74.00	-23.45	54.88	3	Vertical	176	1.02	-	31.35	8.23	43.91
AV	4.92394G	43.88	54.00	-10.12	48.21	3	Vertical	176	1.02	-	31.35	8.23	43.91
PK	7.38744G	58.77	74.00	-15.23	55.07	3	Vertical	323	2.97	-	36.13	10.45	42.88
AV	7.3872G	51.74	54.00	-2.26	48.04	3	Vertical	323	2.97	-	36.13	10.45	42.88

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

2462MHz_TX

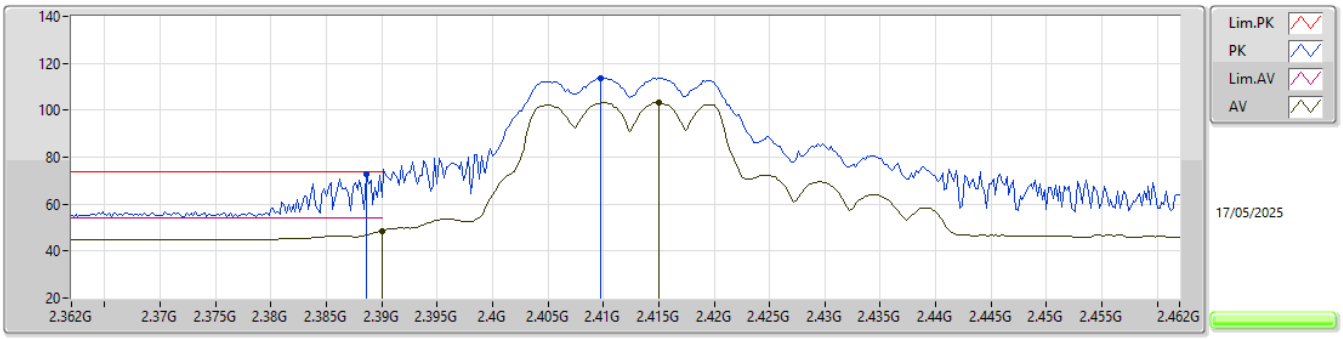


EUT Z_2TX
Setting 64
04-E-G-4

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	4.92394G	51.09	74.00	-22.91	55.42	3	Horizontal	119	1.05	-	31.35	8.23	43.91
AV	4.92394G	46.22	54.00	-7.78	50.55	3	Horizontal	119	1.05	-	31.35	8.23	43.91
PK	7.38696G	55.11	74.00	-18.89	51.40	3	Horizontal	347	2.79	-	36.13	10.45	42.87
AV	7.38714G	45.95	54.00	-8.05	42.25	3	Horizontal	347	2.79	-	36.13	10.45	42.88

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

2412MHz_TX

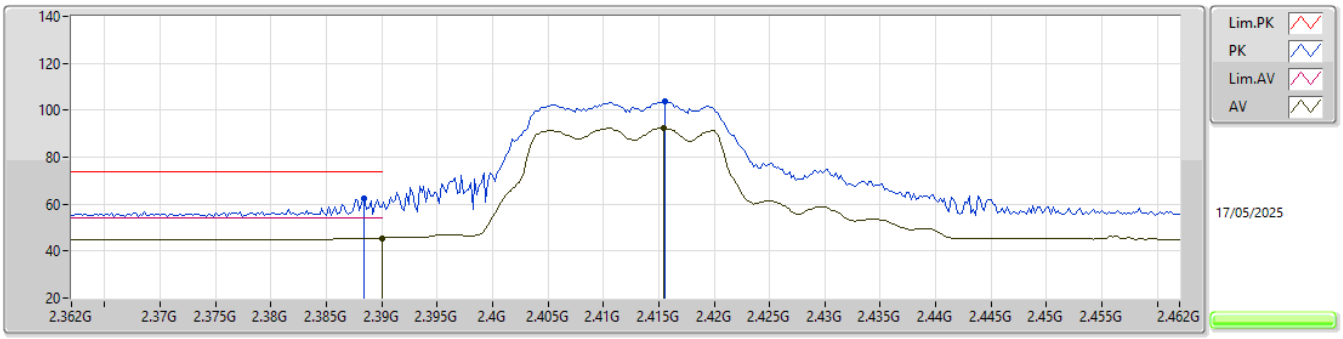


EUT Z_2TX
Setting 65
04-E-G-4

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	72.80	74.00	-1.20	39.67	3	Vertical	182	1.10	-	27.50	5.63	-
AV	2.39G	48.66	54.00	-5.34	15.53	3	Vertical	182	1.10	-	27.50	5.63	-
PK	2.4098G	113.63	Inf	-Inf	80.48	3	Vertical	182	1.10	-	27.50	5.65	-
AV	2.415G	103.27	Inf	-Inf	70.12	3	Vertical	182	1.10	-	27.50	5.65	-

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

2412MHz_TX

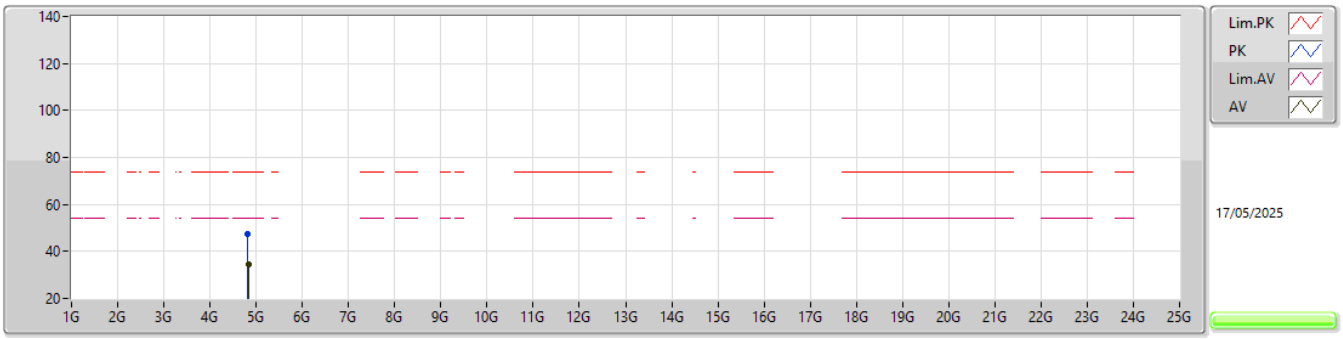


EUT Z_2TX
Setting 65
04-E-G-4

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	62.47	74.00	-11.53	29.34	3	Horizontal	162	1.13	-	27.50	5.63	-
AV	2.39G	45.47	54.00	-8.53	12.34	3	Horizontal	162	1.13	-	27.50	5.63	-
PK	2.4156G	103.58	Inf	-Inf	70.43	3	Horizontal	162	1.13	-	27.50	5.65	-
AV	2.4154G	92.51	Inf	-Inf	59.36	3	Horizontal	162	1.13	-	27.50	5.65	-

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

2412MHz_TX

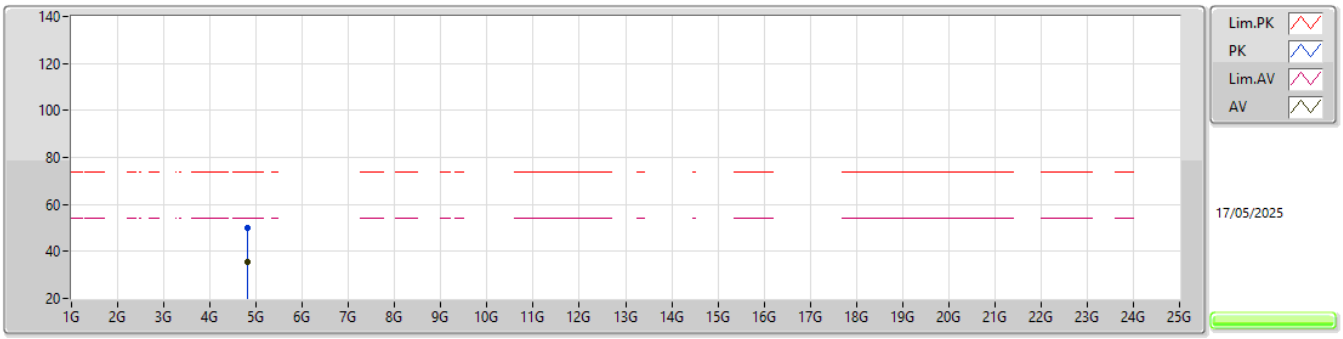


EUT Z_2TX
Setting 65
04-E-G-4

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	4.8186G	47.40	74.00	-26.60	51.92	3	Vertical	183	1.06	-	31.30	8.12	43.94
AV	4.8276G	34.59	54.00	-19.41	39.09	3	Vertical	183	1.06	-	31.30	8.13	43.93

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

2412MHz_TX

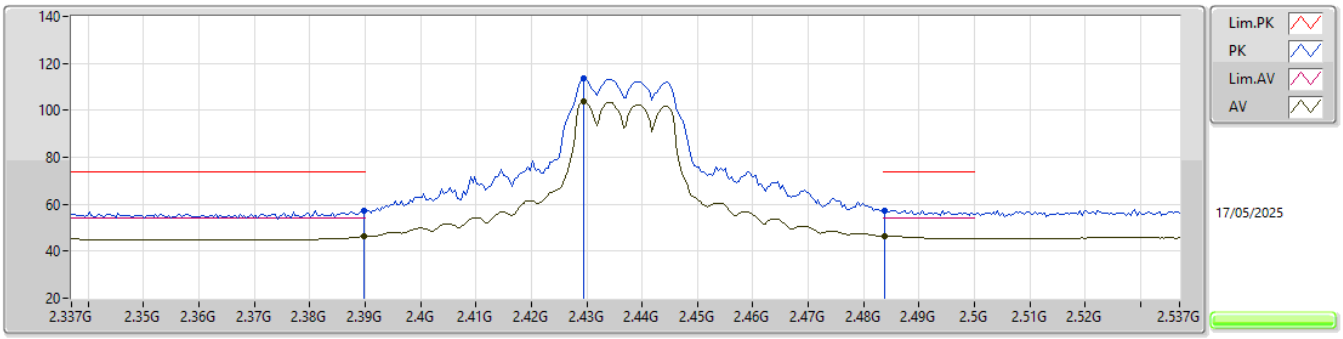


EUT Z_2TX
Setting 65
04-E-G-4

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	4.82208G	49.94	74.00	-24.06	54.46	3	Horizontal	124	1.00	-	31.30	8.12	43.94
AV	4.82256G	35.55	54.00	-18.45	40.07	3	Horizontal	124	1.00	-	31.30	8.12	43.94

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

2437MHz_TX

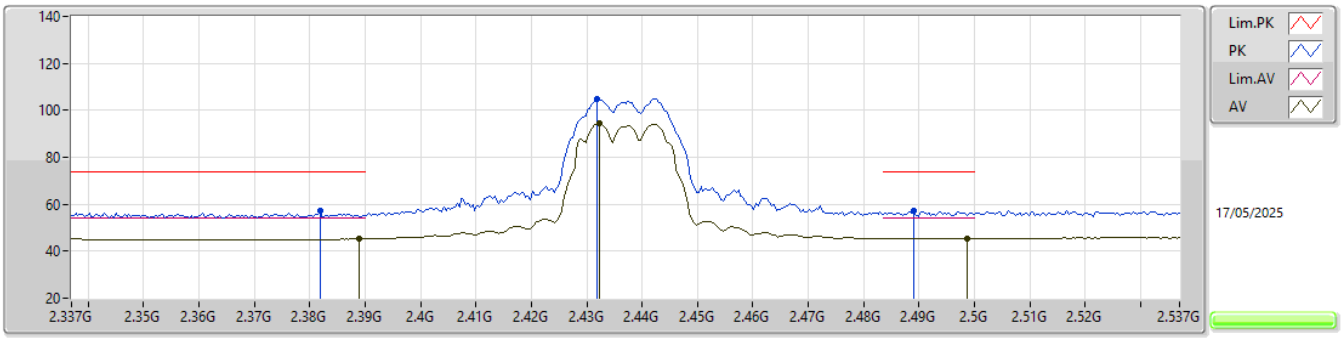


EUT Z_2TX
Setting 67
04-E-G-4

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	57.32	74.00	-16.68	24.19	3	Vertical	177	1.01	-	27.50	5.63	-
AV	2.3898G	46.28	54.00	-7.72	13.15	3	Vertical	177	1.01	-	27.50	5.63	-
PK	2.4294G	113.86	Inf	-Inf	80.70	3	Vertical	177	1.01	-	27.50	5.66	-
AV	2.4294G	103.71	Inf	-Inf	70.55	3	Vertical	177	1.01	-	27.50	5.66	-
PK	2.4838G	57.49	74.00	-16.51	24.20	3	Vertical	177	1.01	-	27.58	5.71	-
AV	2.4838G	46.56	54.00	-7.44	13.27	3	Vertical	177	1.01	-	27.58	5.71	-

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

2437MHz_TX

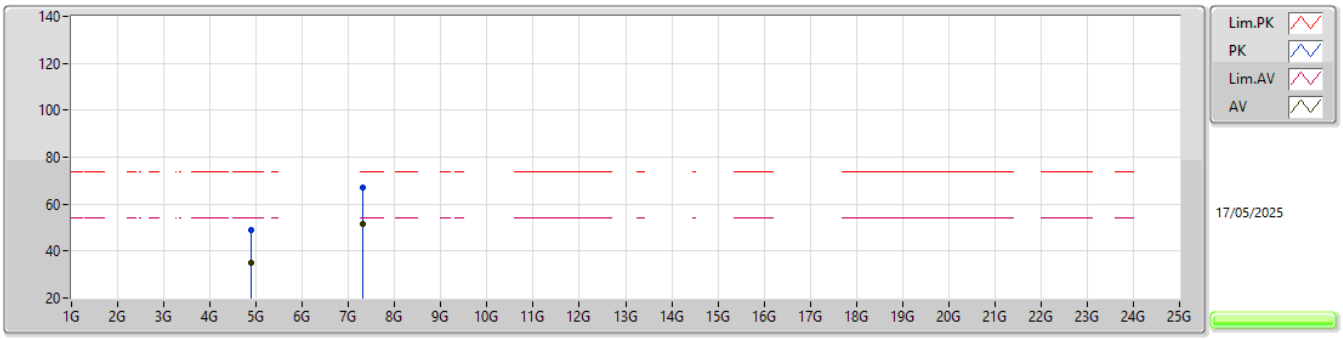


EUT Z_2TX
Setting 67
04-E-G-4

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	2.3818G	57.45	74.00	-16.55	24.33	3	Horizontal	178	1.00	-	27.50	5.62	-
AV	2.389G	45.21	54.00	-8.79	12.08	3	Horizontal	178	1.00	-	27.50	5.63	-
PK	2.4318G	104.88	Inf	-Inf	71.71	3	Horizontal	178	1.00	-	27.50	5.67	-
AV	2.4322G	94.27	Inf	-Inf	61.10	3	Horizontal	178	1.00	-	27.50	5.67	-
PK	2.489G	57.00	74.00	-17.00	23.60	3	Horizontal	178	1.00	-	27.68	5.72	-
AV	2.4986G	45.53	54.00	-8.47	12.20	3	Horizontal	178	1.00	-	27.61	5.72	-

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

2437MHz_TX

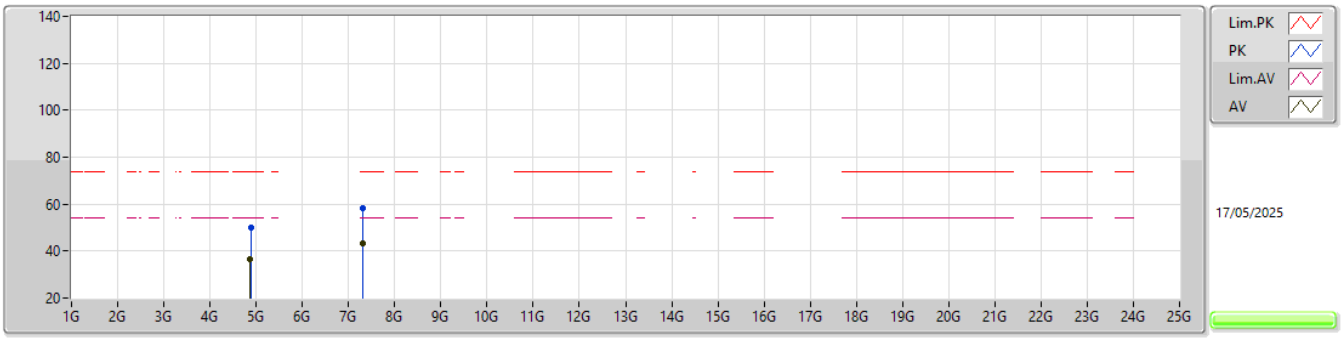


EUT Z_2TX
Setting 67
04-E-G-4

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	4.87736G	48.89	74.00	-25.11	53.33	3	Vertical	139	1.01	-	31.30	8.18	43.92
AV	4.87736G	35.13	54.00	-18.87	39.57	3	Vertical	139	1.01	-	31.30	8.18	43.92
PK	7.31298G	66.90	74.00	-7.10	63.09	3	Vertical	330	3.00	-	36.20	10.38	42.77
AV	7.30788G	51.81	54.00	-2.19	47.99	3	Vertical	330	3.00	-	36.20	10.38	42.76

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

2437MHz_TX

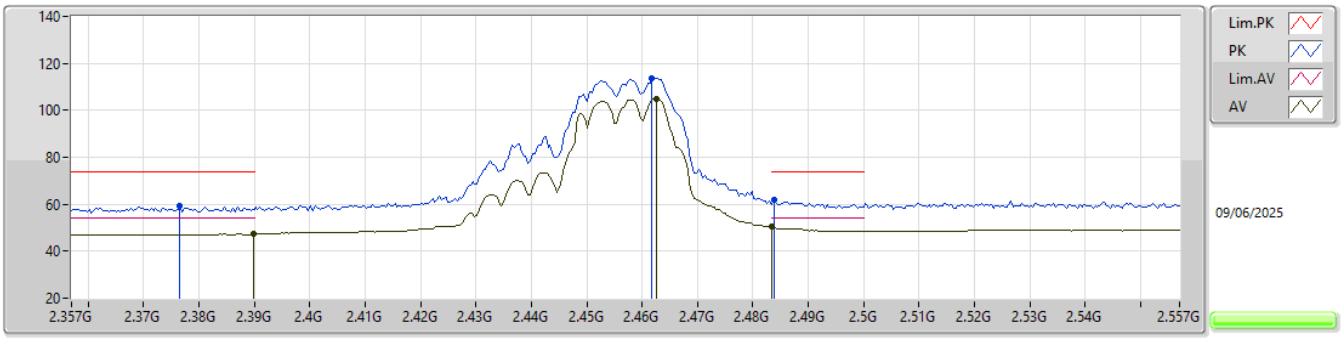


EUT Z_2TX
Setting 67
04-E-G-4

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	4.87802G	50.14	74.00	-23.86	54.58	3	Horizontal	125	1.07	-	31.30	8.18	43.92
AV	4.87244G	36.61	54.00	-17.39	41.05	3	Horizontal	125	1.07	-	31.30	8.18	43.92
PK	7.31274G	58.14	74.00	-15.86	54.33	3	Horizontal	200	2.42	-	36.20	10.38	42.77
AV	7.30752G	43.28	54.00	-10.72	39.46	3	Horizontal	200	2.42	-	36.20	10.38	42.76

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

2457MHz_TX

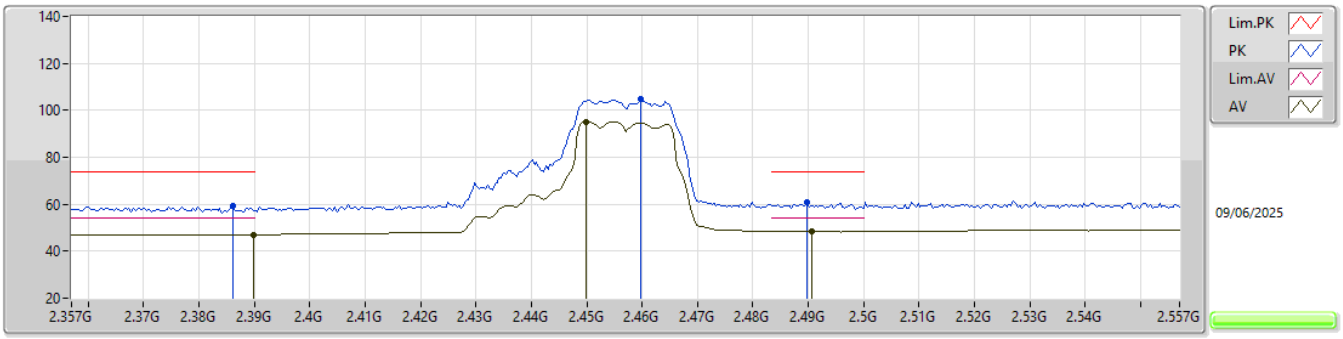


EUT Z_2TX
Setting 66
05-L-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	2.3766G	59.24	74.00	-14.76	27.95	3	Vertical	150	1.31	-	27.30	3.99	-
AV	2.3898G	47.33	54.00	-6.67	15.94	3	Vertical	150	1.31	-	27.40	3.99	-
PK	2.4618G	113.45	Inf	-Inf	81.77	3	Vertical	150	1.31	-	27.62	4.06	-
AV	2.4626G	104.83	Inf	-Inf	73.14	3	Vertical	150	1.31	-	27.63	4.06	-
PK	2.4838G	61.81	74.00	-12.19	29.83	3	Vertical	150	1.31	-	27.90	4.08	-
AV	2.4835G	50.30	54.00	-3.70	18.32	3	Vertical	150	1.31	-	27.90	4.08	-

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

2457MHz_TX

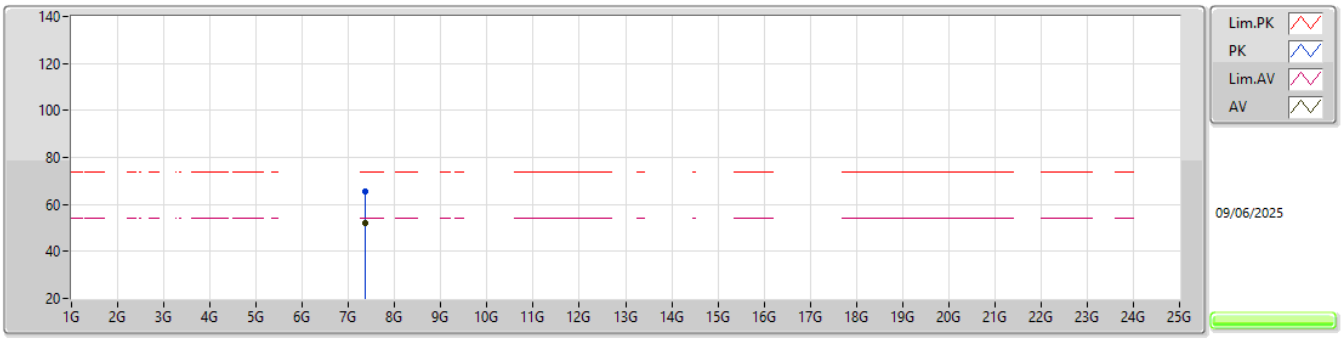


EUT Z_2TX
Setting 66
05-L-K-3

Type	Freq	Level	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	59.19	74.00	-14.81	27.84	3	Horizontal	149	1.00	-	27.36	3.99	-
AV	2.3898G	47.06	54.00	-6.94	15.67	3	Horizontal	149	1.00	-	27.40	3.99	-
PK	2.4598G	104.85	Inf	-Inf	73.19	3	Horizontal	149	1.00	-	27.60	4.06	-
AV	2.4498G	95.25	Inf	-Inf	63.61	3	Horizontal	149	1.00	-	27.60	4.04	-
PK	2.4898G	61.04	74.00	-12.96	29.05	3	Horizontal	149	1.00	-	27.90	4.09	-
AV	2.4906G	48.65	54.00	-5.35	16.66	3	Horizontal	149	1.00	-	27.90	4.09	-

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

2457MHz_TX

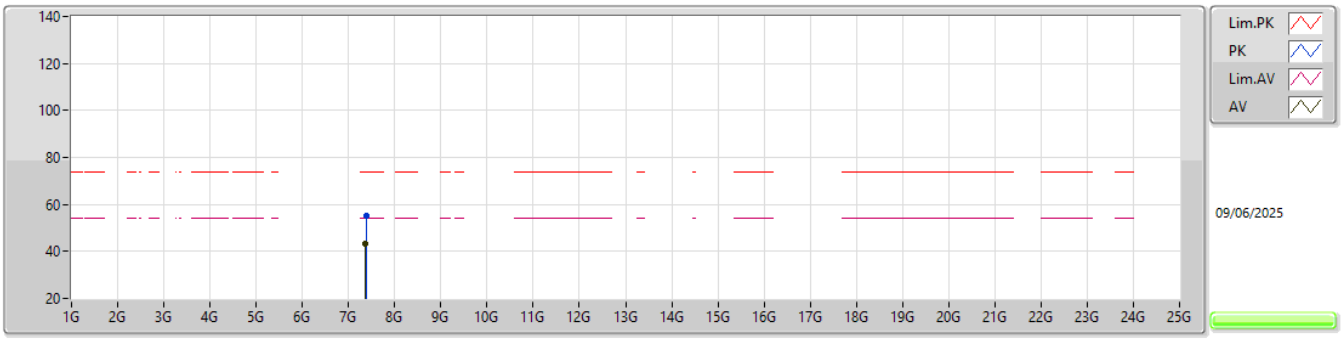


EUT Z_2TX
Setting 66
05-L-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.3722G	65.56	74.00	-8.44	54.20	3	Vertical	313	2.60	-	36.61	9.41	34.66
AV	7.3729G	51.94	54.00	-2.06	40.58	3	Vertical	313	2.60	-	36.61	9.41	34.66

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

2457MHz_TX

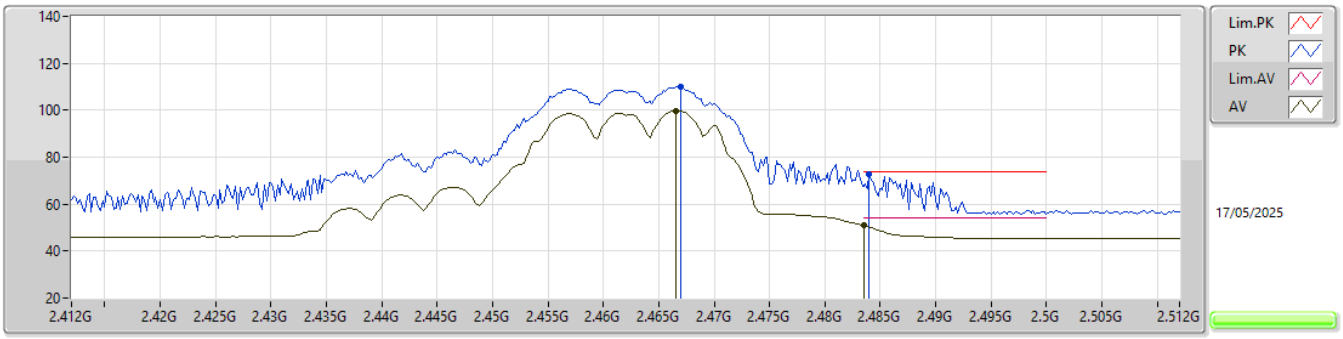


EUT Z_2TX
Setting 66
05-L-K-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	7.3777G	55.26	74.00	-18.74	43.90	3	Horizontal	72	2.89	-	36.59	9.42	34.65
AV	7.3725G	43.28	54.00	-10.72	31.92	3	Horizontal	72	2.89	-	36.61	9.41	34.66

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

2462MHz_TX

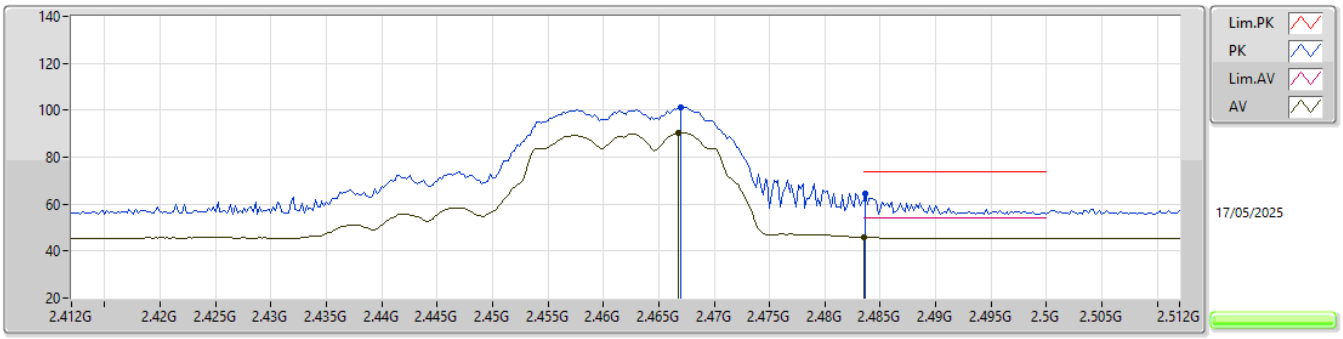


EUT Z_2TX
Setting 58
04-E-G-4

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	2.467G	110.22	Inf	-Inf	77.09	3	Vertical	134	1.17	-	27.43	5.70	-
AV	2.4666G	99.80	Inf	-Inf	66.67	3	Vertical	134	1.17	-	27.43	5.70	-
PK	2.484G	72.96	74.00	-1.04	39.67	3	Vertical	134	1.17	-	27.58	5.71	-
AV	2.4835G	50.92	54.00	-3.08	17.64	3	Vertical	134	1.17	-	27.57	5.71	-

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

2462MHz_TX

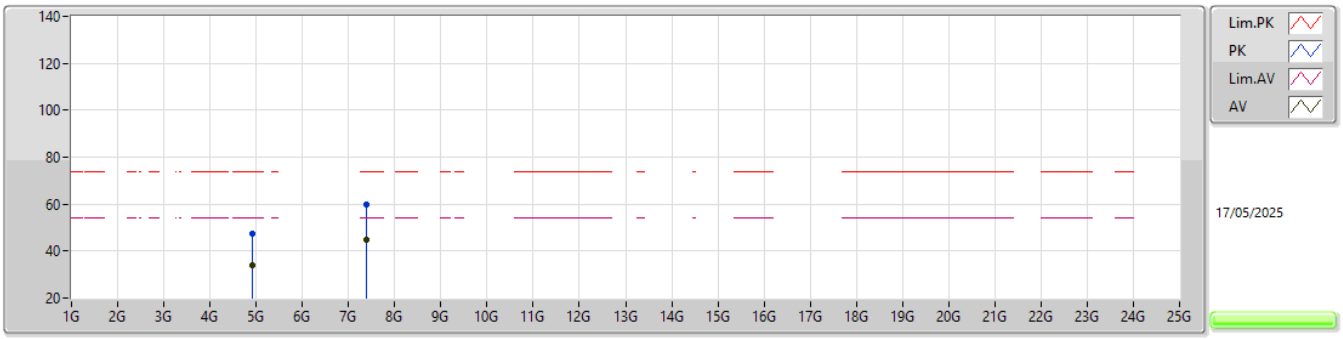


EUT Z_2TX
Setting 58
04-E-G-4

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	2.467G	101.26	Inf	-Inf	68.13	3	Horizontal	185	1.28	-	27.43	5.70	-
AV	2.4668G	90.47	Inf	-Inf	57.34	3	Horizontal	185	1.28	-	27.43	5.70	-
PK	2.4836G	64.38	74.00	-9.62	31.10	3	Horizontal	185	1.28	-	27.57	5.71	-
AV	2.4835G	45.85	54.00	-8.15	12.57	3	Horizontal	185	1.28	-	27.57	5.71	-

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

2462MHz_TX

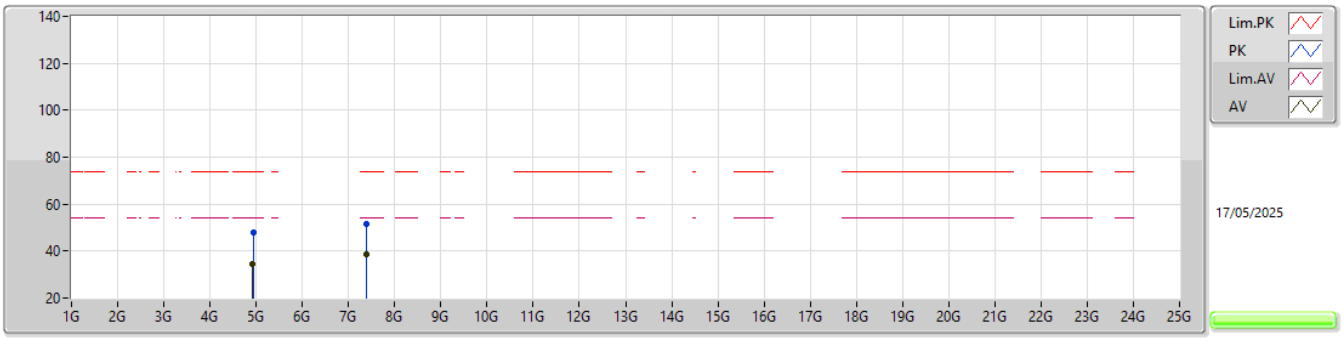


EUT Z_2TX
Setting 58
04-E-G-4

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	4.92742G	47.39	74.00	-26.61	51.72	3	Vertical	140	1.07	-	31.35	8.23	43.91
AV	4.92244G	33.74	54.00	-20.26	38.08	3	Vertical	140	1.07	-	31.34	8.23	43.91
PK	7.39254G	59.84	74.00	-14.16	56.16	3	Vertical	326	2.99	-	36.11	10.45	42.88
AV	7.38798G	44.94	54.00	-9.06	41.25	3	Vertical	326	2.99	-	36.12	10.45	42.88

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

2462MHz_TX

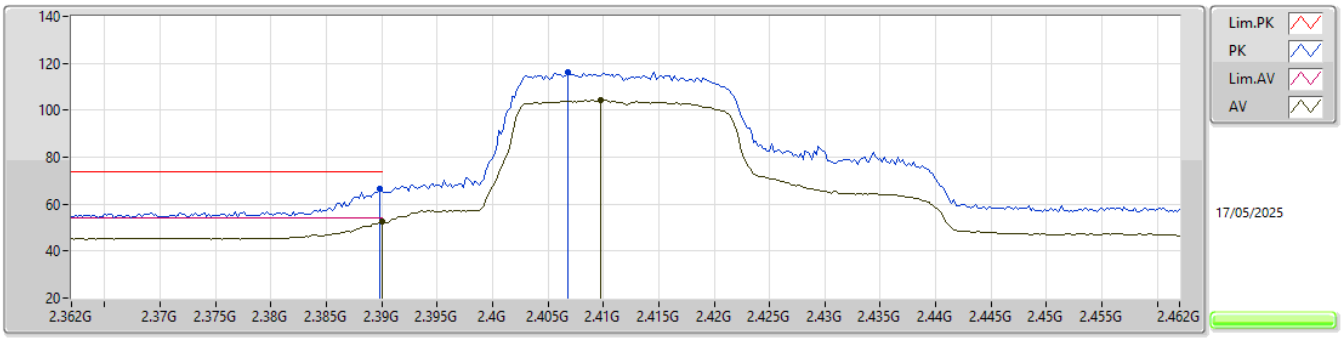


EUT Z_2TX
Setting 58
04-E-G-4

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	4.93402G	47.83	74.00	-26.17	52.13	3	Horizontal	122	1.00	-	31.37	8.24	43.91
AV	4.9225G	34.44	54.00	-19.56	38.78	3	Horizontal	122	1.00	-	31.34	8.23	43.91
PK	7.39872G	51.74	74.00	-22.26	48.07	3	Horizontal	200	2.26	-	36.10	10.46	42.89
AV	7.38768G	38.68	54.00	-15.32	34.99	3	Horizontal	200	2.26	-	36.12	10.45	42.88

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

2412MHz_TX

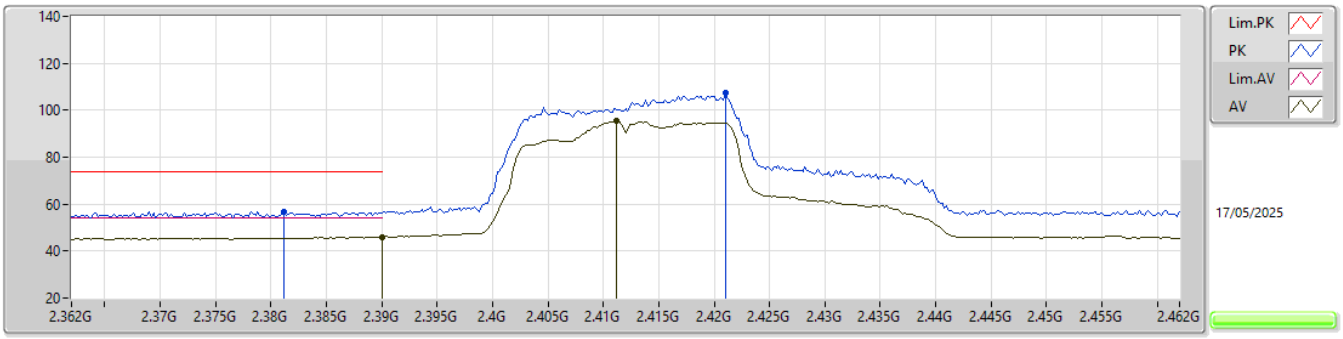


EUT Z_2TX
Setting 68
04-E-G-4

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	66.31	74.00	-7.69	33.18	3	Vertical	177	1.32	-	27.50	5.63	-
AV	2.39G	52.38	54.00	-1.62	19.25	3	Vertical	177	1.32	-	27.50	5.63	-
PK	2.4068G	116.10	Inf	-Inf	82.95	3	Vertical	177	1.32	-	27.50	5.65	-
AV	2.4098G	104.18	Inf	-Inf	71.03	3	Vertical	177	1.32	-	27.50	5.65	-

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

2412MHz_TX

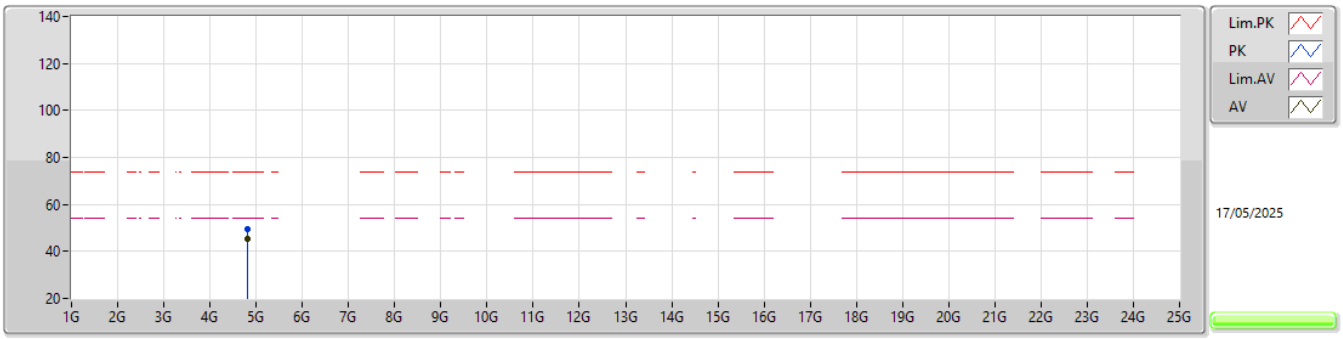


EUT Z_2TX
Setting 68
04-E-G-4

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	2.3812G	56.94	74.00	-17.06	23.82	3	Horizontal	157	1.36	-	27.50	5.62	-
AV	2.39G	45.99	54.00	-8.01	12.86	3	Horizontal	157	1.36	-	27.50	5.63	-
PK	2.421G	107.17	Inf	-Inf	74.01	3	Horizontal	157	1.36	-	27.50	5.66	-
AV	2.4112G	95.42	Inf	-Inf	62.27	3	Horizontal	157	1.36	-	27.50	5.65	-

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

2412MHz_TX

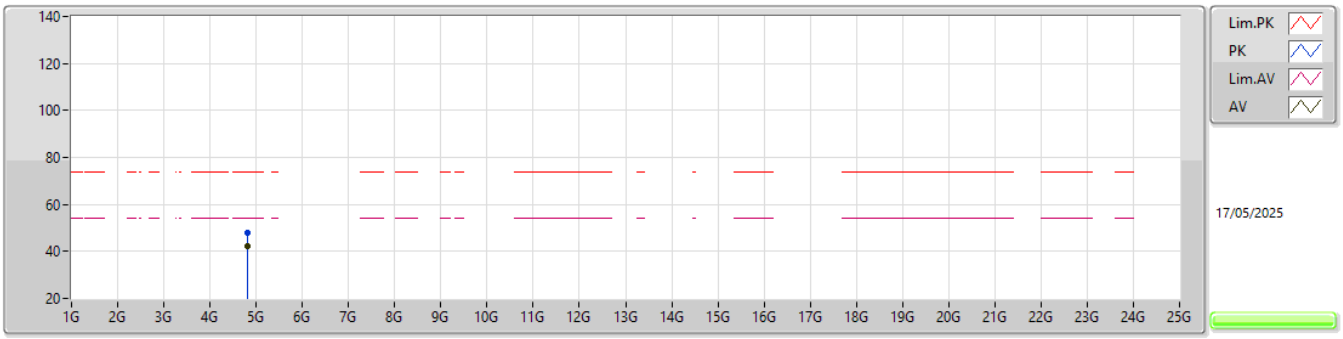


EUT Z_2TX
Setting 68
04-E-G-4

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	4.82418G	49.31	74.00	-24.69	53.82	3	Vertical	163	1.00	-	31.30	8.13	43.94
AV	4.824G	45.59	54.00	-8.41	50.10	3	Vertical	163	1.00	-	31.30	8.13	43.94

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

2412MHz_TX

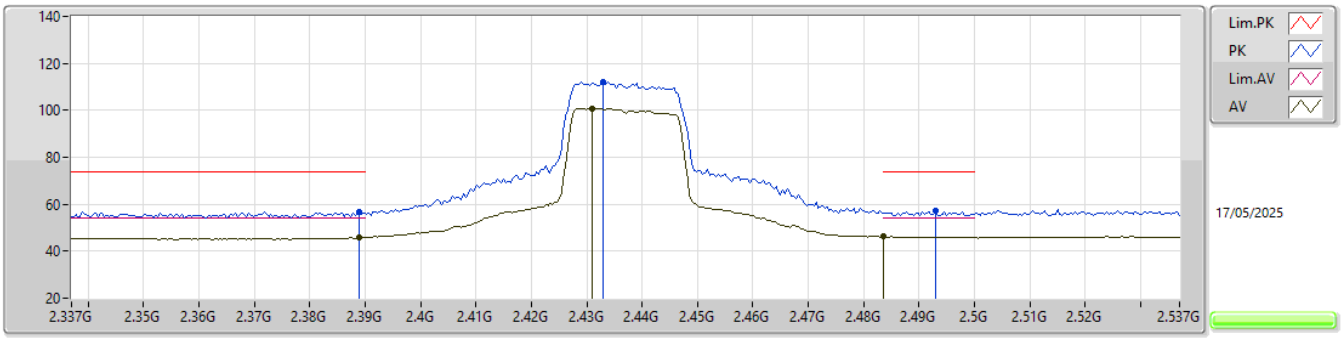


EUT Z_2TX
Setting 68
04-E-G-4

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	4.824G	48.10	74.00	-25.90	52.61	3	Horizontal	-0	1.00	-	31.30	8.13	43.94
AV	4.82394G	42.43	54.00	-11.57	46.94	3	Horizontal	-0	1.00	-	31.30	8.13	43.94

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

2437MHz_TX

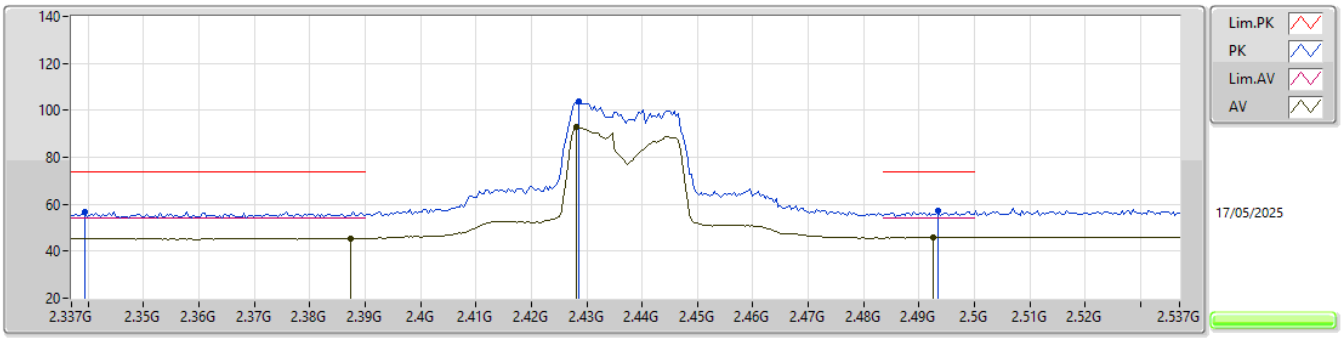


EUT Z_2TX
Setting 62
04-E-G-4

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	2.389G	56.65	74.00	-17.35	23.52	3	Vertical	174	1.63	-	27.50	5.63	-
AV	2.389G	45.84	54.00	-8.16	12.71	3	Vertical	174	1.63	-	27.50	5.63	-
PK	2.433G	112.25	Inf	-Inf	79.08	3	Vertical	174	1.63	-	27.50	5.67	-
AV	2.431G	100.84	Inf	-Inf	67.67	3	Vertical	174	1.63	-	27.50	5.67	-
PK	2.493G	57.31	74.00	-16.69	23.92	3	Vertical	174	1.63	-	27.67	5.72	-
AV	2.4835G	46.25	54.00	-7.75	12.97	3	Vertical	174	1.63	-	27.57	5.71	-

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

2437MHz_TX

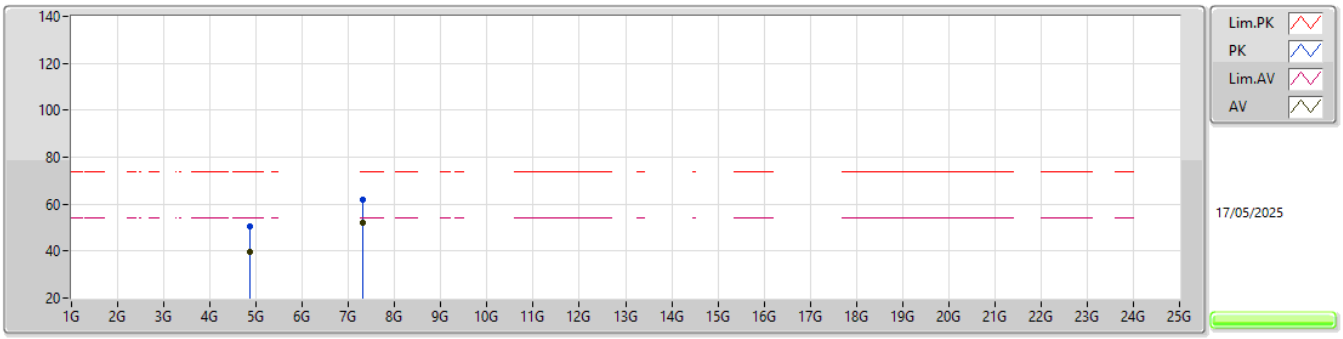


EUT Z_2TX
Setting 62
04-E-G-4

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	2.3394G	56.76	74.00	-17.24	23.46	3	Horizontal	161	1.11	-	27.71	5.59	-
AV	2.3874G	45.48	54.00	-8.52	12.35	3	Horizontal	161	1.11	-	27.50	5.63	-
PK	2.4286G	103.68	Inf	-Inf	70.52	3	Horizontal	161	1.11	-	27.50	5.66	-
AV	2.4282G	92.77	Inf	-Inf	59.61	3	Horizontal	161	1.11	-	27.50	5.66	-
PK	2.4934G	57.02	74.00	-16.98	23.63	3	Horizontal	161	1.11	-	27.67	5.72	-
AV	2.4926G	45.87	54.00	-8.13	12.48	3	Horizontal	161	1.11	-	27.67	5.72	-

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

2437MHz_TX

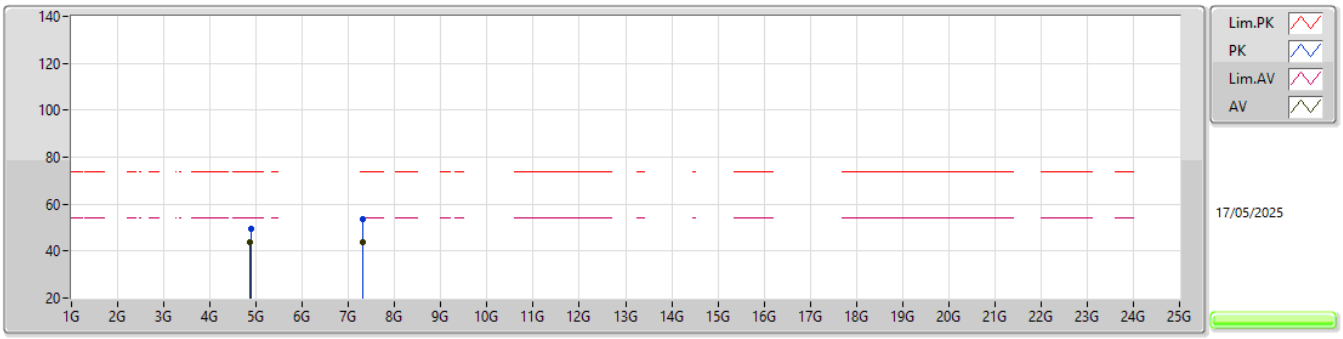


EUT Z_2TX
Setting 62
04-E-G-4

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	4.87416G	50.77	74.00	-23.23	55.21	3	Vertical	184	1.06	-	31.30	8.18	43.92
AV	4.8744G	39.58	54.00	-14.42	44.02	3	Vertical	184	1.06	-	31.30	8.18	43.92
PK	7.31396G	62.05	74.00	-11.95	58.24	3	Vertical	334	2.84	-	36.20	10.38	42.77
AV	7.31164G	51.95	54.00	-2.05	48.13	3	Vertical	334	2.84	-	36.20	10.38	42.76

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

2437MHz_TX

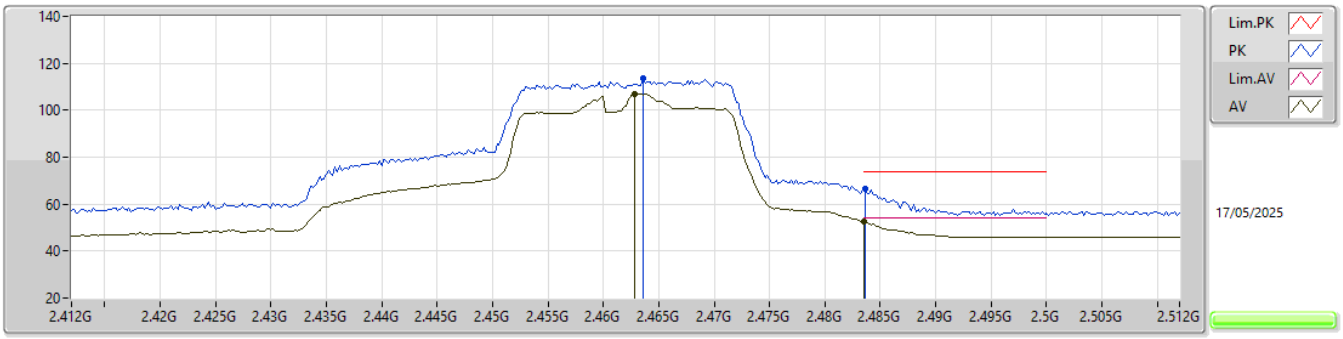


EUT Z_2TX
Setting 62
04-E-G-4

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	4.87744G	49.31	74.00	-24.69	53.75	3	Horizontal	118	1.03	-	31.30	8.18	43.92
AV	4.87372G	43.81	54.00	-10.19	48.25	3	Horizontal	118	1.03	-	31.30	8.18	43.92
PK	7.30968G	53.37	74.00	-20.63	49.55	3	Horizontal	343	2.76	-	36.20	10.38	42.76
AV	7.31164G	44.04	54.00	-9.96	40.22	3	Horizontal	343	2.76	-	36.20	10.38	42.76

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

2462MHz_TX

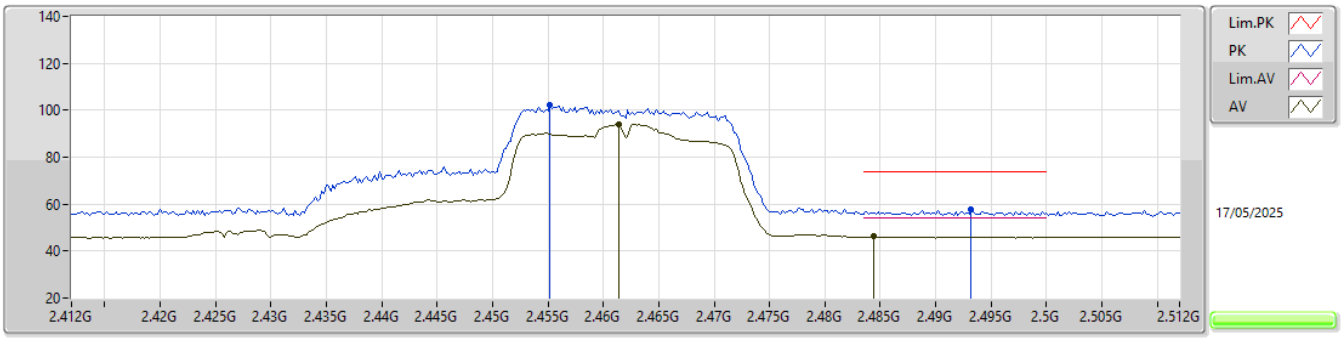


EUT Z_2TX
Setting 62
04-E-G-4

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	2.4636G	113.37	Inf	-Inf	80.22	3	Vertical	136	1.80	-	27.46	5.69	-
AV	2.4628G	107.15	Inf	-Inf	73.99	3	Vertical	136	1.80	-	27.47	5.69	-
PK	2.4836G	66.39	74.00	-7.61	33.11	3	Vertical	136	1.80	-	27.57	5.71	-
AV	2.4835G	52.75	54.00	-1.25	19.47	3	Vertical	136	1.80	-	27.57	5.71	-

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

2462MHz_TX

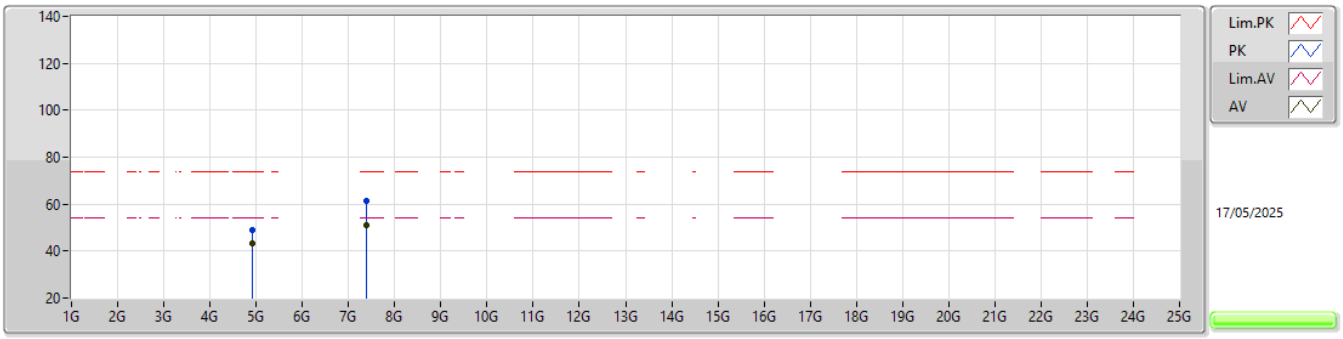


EUT Z_2TX
Setting 62
04-E-G-4

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	2.4552G	102.24	Inf	-Inf	69.05	3	Horizontal	157	1.01	-	27.50	5.69	-
AV	2.4614G	94.14	Inf	-Inf	60.96	3	Horizontal	157	1.01	-	27.49	5.69	-
PK	2.4932G	57.68	74.00	-16.32	24.29	3	Horizontal	157	1.01	-	27.67	5.72	-
AV	2.4844G	46.17	54.00	-7.83	12.87	3	Horizontal	157	1.01	-	27.59	5.71	-

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

2462MHz_TX

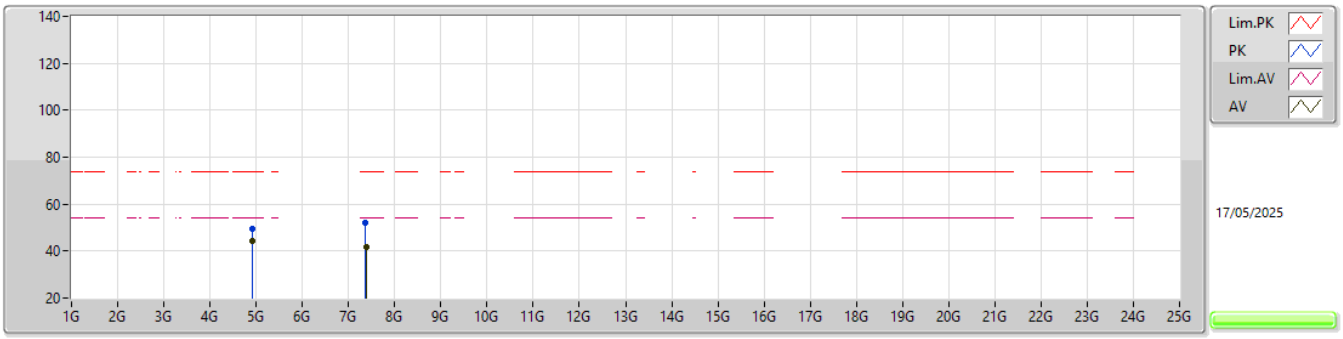


EUT Z_2TX
Setting 62
04-E-G-4

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	4.92384G	48.92	74.00	-25.08	53.25	3	Vertical	177	1.03	-	31.35	8.23	43.91
AV	4.924G	43.30	54.00	-10.70	47.63	3	Vertical	177	1.03	-	31.35	8.23	43.91
PK	7.37872G	61.16	74.00	-12.84	57.44	3	Vertical	329	2.96	-	36.14	10.44	42.86
AV	7.3872G	50.89	54.00	-3.11	47.19	3	Vertical	329	2.96	-	36.13	10.45	42.88

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

2462MHz_TX

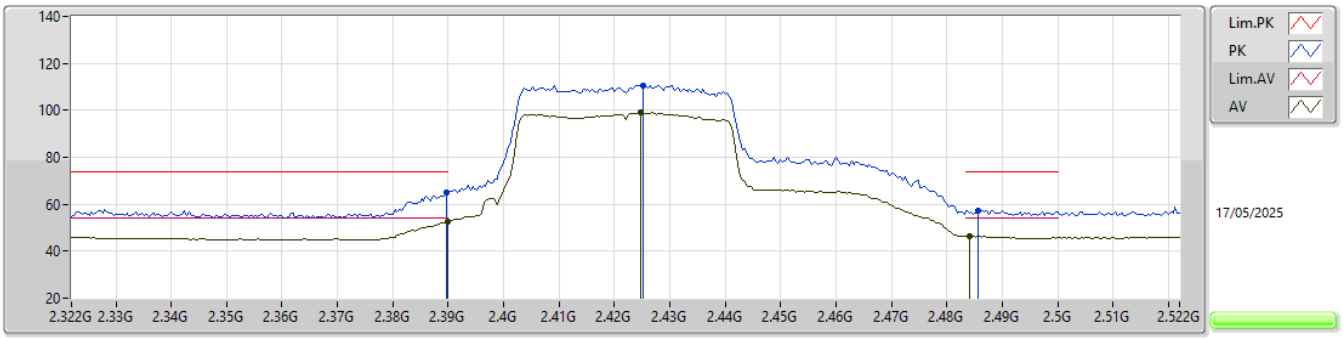


EUT Z_2TX
Setting 62
04-E-G-4

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	4.92408G	49.38	74.00	-24.62	53.71	3	Horizontal	120	1.00	-	31.35	8.23	43.91
AV	4.924G	44.41	54.00	-9.59	48.74	3	Horizontal	120	1.00	-	31.35	8.23	43.91
PK	7.36752G	52.23	74.00	-21.77	48.49	3	Horizontal	202	2.34	-	36.16	10.43	42.85
AV	7.38776G	41.61	54.00	-12.39	37.92	3	Horizontal	202	2.34	-	36.12	10.45	42.88

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

2422MHz_TX

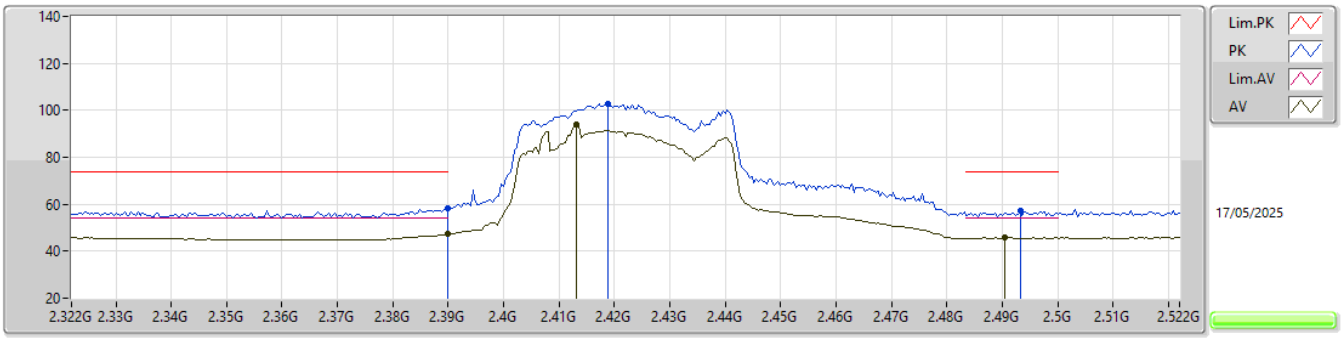


EUT Z_2TX
Setting 65
04-E-G-4

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	2.3896G	65.16	74.00	-8.84	32.03	3	Vertical	167	1.80	-	27.50	5.63	-
AV	2.39G	52.60	54.00	-1.40	19.47	3	Vertical	167	1.80	-	27.50	5.63	-
PK	2.4252G	110.73	Inf	-Inf	77.57	3	Vertical	167	1.80	-	27.50	5.66	-
AV	2.4248G	99.00	Inf	-Inf	65.84	3	Vertical	167	1.80	-	27.50	5.66	-
PK	2.4856G	57.50	74.00	-16.50	24.18	3	Vertical	167	1.80	-	27.61	5.71	-
AV	2.484G	46.47	54.00	-7.53	13.18	3	Vertical	167	1.80	-	27.58	5.71	-

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

2422MHz_TX

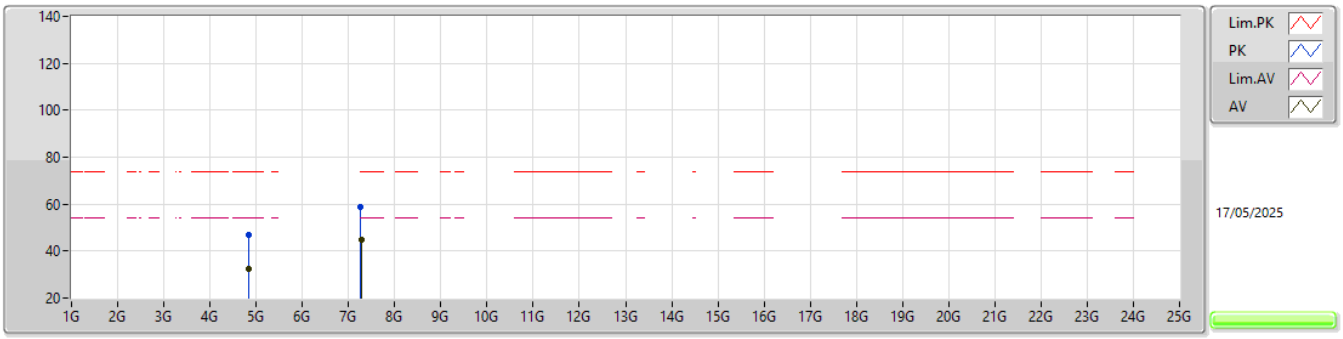


EUT Z_2TX
Setting 65
04-E-G-4

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	2.39G	58.37	74.00	-15.63	25.24	3	Horizontal	156	1.38	-	27.50	5.63	-
AV	2.39G	47.42	54.00	-6.58	14.29	3	Horizontal	156	1.38	-	27.50	5.63	-
PK	2.4188G	102.90	Inf	-Inf	69.74	3	Horizontal	156	1.38	-	27.50	5.66	-
AV	2.4132G	93.90	Inf	-Inf	60.75	3	Horizontal	156	1.38	-	27.50	5.65	-
PK	2.4932G	57.38	74.00	-16.62	23.99	3	Horizontal	156	1.38	-	27.67	5.72	-
AV	2.4904G	45.64	54.00	-8.36	12.22	3	Horizontal	156	1.38	-	27.70	5.72	-

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

2422MHz_TX

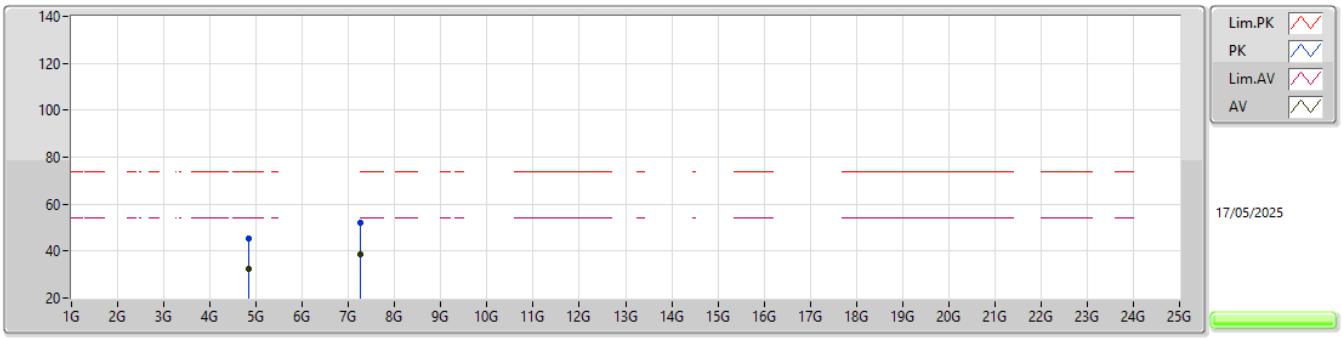


EUT Z_2TX
Setting 65
04-E-G-4

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	4.83504G	46.87	74.00	-27.13	51.36	3	Vertical	213	2.56	-	31.30	8.14	43.93
AV	4.83556G	32.60	54.00	-21.40	37.09	3	Vertical	213	2.56	-	31.30	8.14	43.93
PK	7.26568G	58.84	74.00	-15.16	55.00	3	Vertical	333	1.80	-	36.20	10.34	42.70
AV	7.27424G	44.77	54.00	-9.23	40.93	3	Vertical	333	1.80	-	36.20	10.35	42.71

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

2422MHz_TX

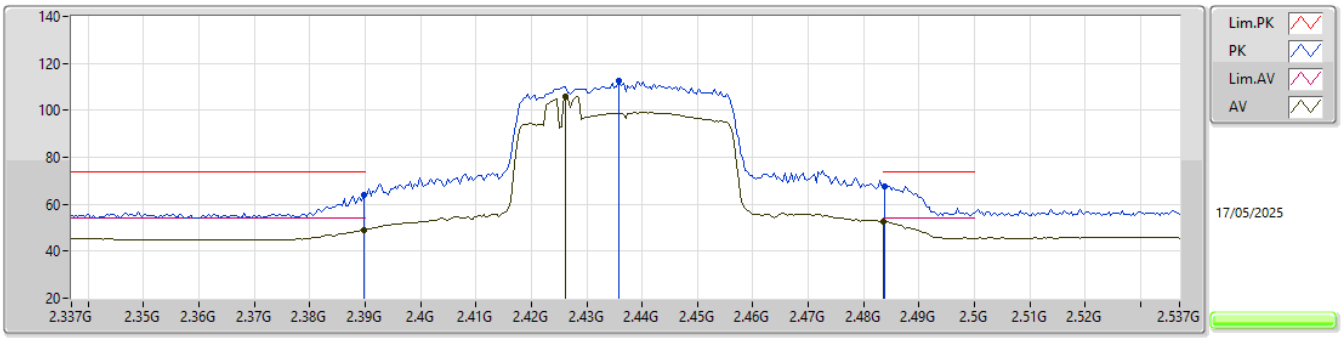


EUT Z_2TX
Setting 65
04-E-G-4

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	4.8346G	45.49	74.00	-28.51	49.98	3	Horizontal	190	2.26	-	31.30	8.14	43.93
AV	4.84868G	32.23	54.00	-21.77	36.71	3	Horizontal	190	2.26	-	31.30	8.15	43.93
PK	7.2602G	51.99	74.00	-22.01	48.15	3	Horizontal	91	1.06	-	36.20	10.33	42.69
AV	7.26516G	38.38	54.00	-15.62	34.54	3	Horizontal	91	1.06	-	36.20	10.34	42.70

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

2437MHz_TX

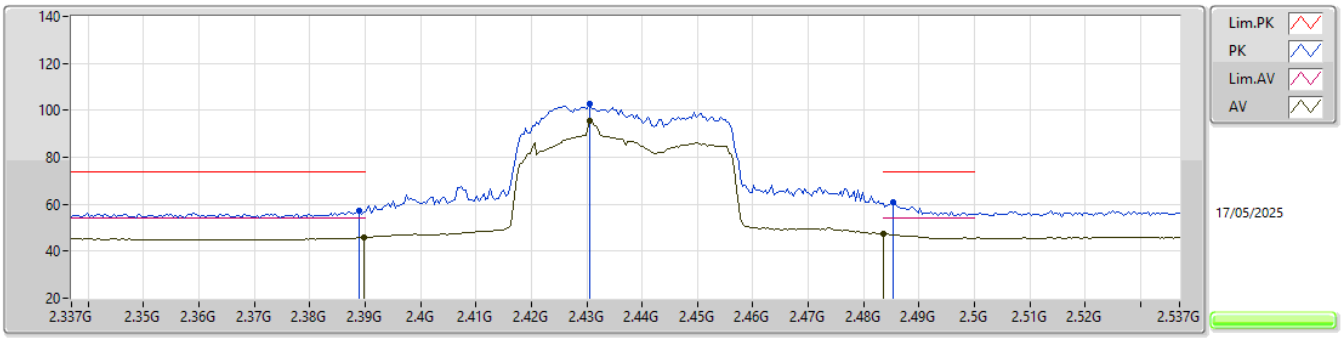


EUT Z_2TX
Setting 60
04-E-G-4

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	63.94	74.00	-10.06	30.81	3	Vertical	218	1.07	-	27.50	5.63	-
AV	2.3898G	48.93	54.00	-5.07	15.80	3	Vertical	218	1.07	-	27.50	5.63	-
PK	2.4358G	112.43	Inf	-Inf	79.26	3	Vertical	218	1.07	-	27.50	5.67	-
AV	2.4262G	105.89	Inf	-Inf	72.73	3	Vertical	218	1.07	-	27.50	5.66	-
PK	2.4838G	67.77	74.00	-6.23	34.48	3	Vertical	218	1.07	-	27.58	5.71	-
AV	2.4835G	52.56	54.00	-1.44	19.28	3	Vertical	218	1.07	-	27.57	5.71	-

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

2437MHz_TX

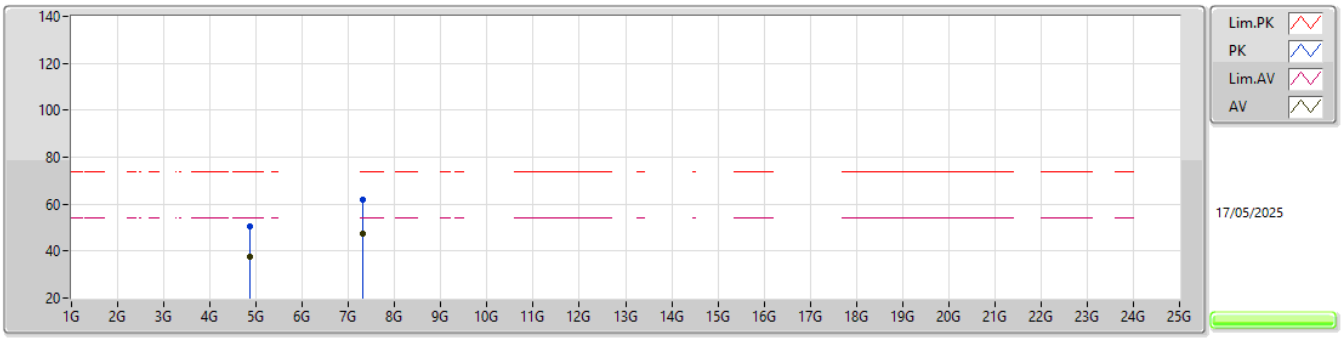


EUT Z_2TX
Setting 60
04-E-G-4

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	2.389G	57.37	74.00	-16.63	24.24	3	Horizontal	175	1.05	-	27.50	5.63	-
AV	2.3898G	45.81	54.00	-8.19	12.68	3	Horizontal	175	1.05	-	27.50	5.63	-
PK	2.4306G	102.62	Inf	-Inf	69.45	3	Horizontal	175	1.05	-	27.50	5.67	-
AV	2.4306G	95.53	Inf	-Inf	62.36	3	Horizontal	175	1.05	-	27.50	5.67	-
PK	2.4854G	60.72	74.00	-13.28	27.40	3	Horizontal	175	1.05	-	27.61	5.71	-
AV	2.4835G	47.41	54.00	-6.59	14.13	3	Horizontal	175	1.05	-	27.57	5.71	-

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

2437MHz_TX

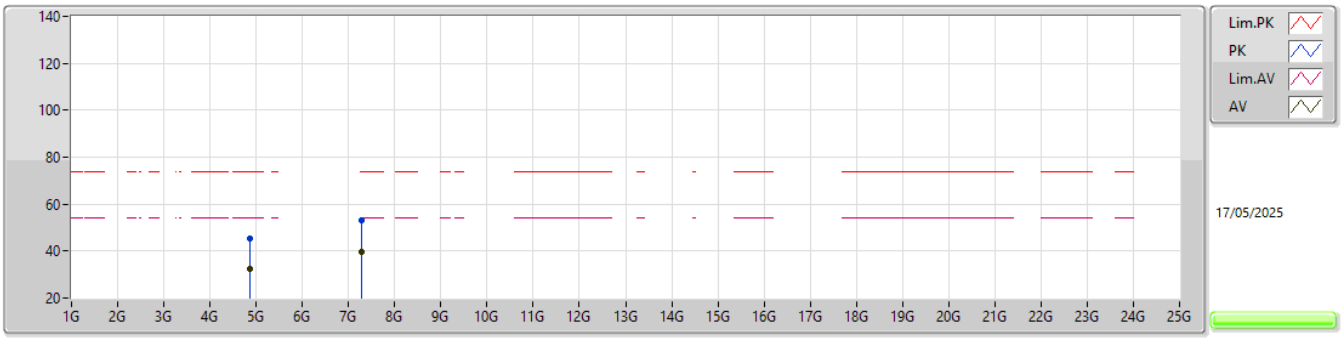


EUT Z_2TX
Setting 60
04-E-G-4

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	4.854G	50.38	74.00	-23.62	54.85	3	Vertical	55	2.71	-	31.30	8.16	43.93
AV	4.85368G	37.75	54.00	-16.25	42.22	3	Vertical	55	2.71	-	31.30	8.16	43.93
PK	7.3074G	61.72	74.00	-12.28	57.90	3	Vertical	332	2.89	-	36.20	10.38	42.76
AV	7.31344G	47.26	54.00	-6.74	43.45	3	Vertical	332	2.89	-	36.20	10.38	42.77

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

2437MHz_TX

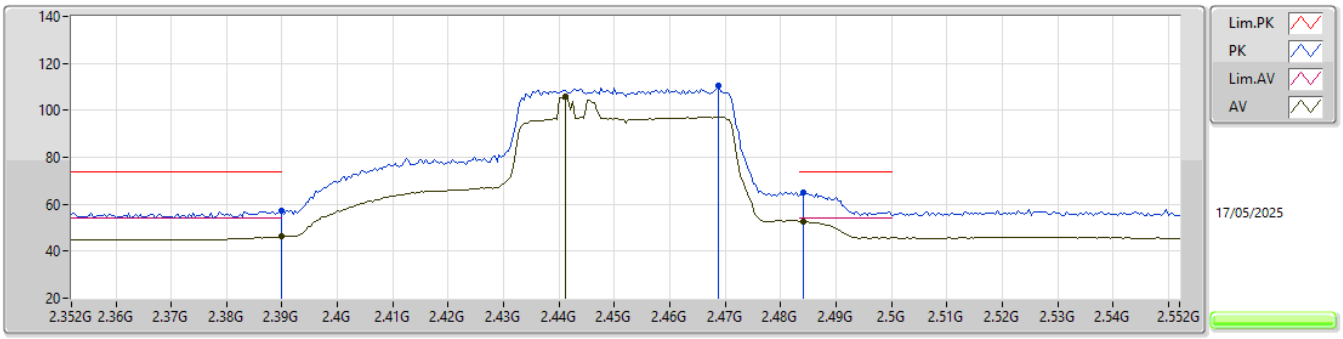


EUT Z_2TX
Setting 60
04-E-G-4

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	4.86216G	45.34	74.00	-28.66	49.80	3	Horizontal	349	2.58	-	31.30	8.17	43.93
AV	4.85368G	32.25	54.00	-21.75	36.72	3	Horizontal	349	2.58	-	31.30	8.16	43.93
PK	7.286G	52.99	74.00	-21.01	49.16	3	Horizontal	140	2.05	-	36.20	10.36	42.73
AV	7.286G	39.89	54.00	-14.11	36.06	3	Horizontal	140	2.05	-	36.20	10.36	42.73

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

2452MHz_TX

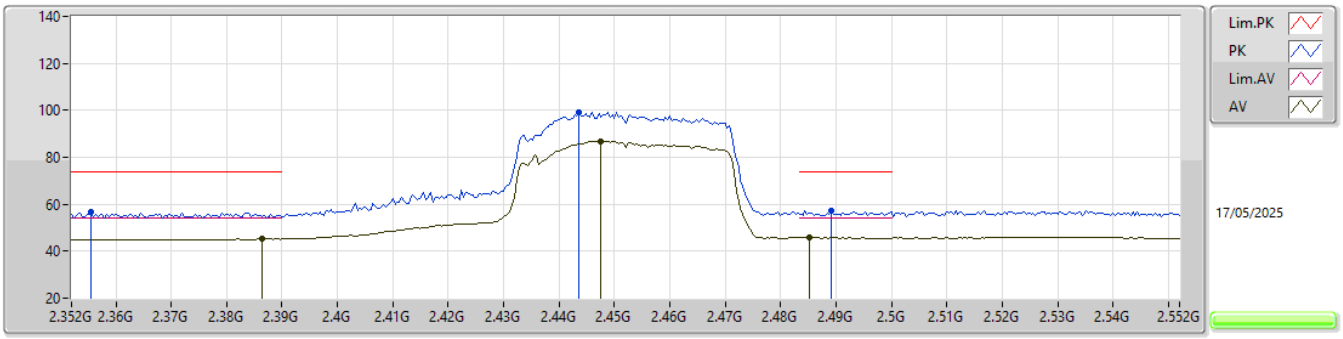


EUT Z_2TX
Setting 58
04-E-G-4

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	2.39G	57.48	74.00	-16.52	24.35	3	Vertical	133	1.17	-	27.50	5.63	-
AV	2.39G	46.18	54.00	-7.82	13.05	3	Vertical	133	1.17	-	27.50	5.63	-
PK	2.4688G	110.51	Inf	-Inf	77.40	3	Vertical	133	1.17	-	27.41	5.70	-
AV	2.4412G	105.92	Inf	-Inf	72.74	3	Vertical	133	1.17	-	27.50	5.68	-
PK	2.484G	65.11	74.00	-8.89	31.82	3	Vertical	133	1.17	-	27.58	5.71	-
AV	2.484G	52.65	54.00	-1.35	19.36	3	Vertical	133	1.17	-	27.58	5.71	-

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

2452MHz_TX

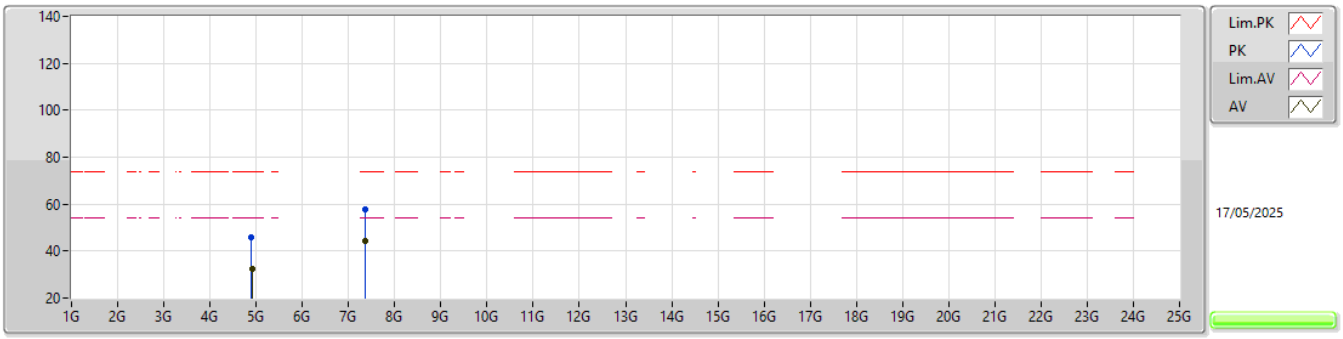


EUT Z_2TX
Setting 58
04-E-G-4

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	2.3556G	56.49	74.00	-17.51	23.25	3	Horizontal	162	2.96	-	27.64	5.60	-
AV	2.3864G	45.20	54.00	-8.80	12.07	3	Horizontal	162	2.96	-	27.50	5.63	-
PK	2.4436G	99.21	Inf	-Inf	66.03	3	Horizontal	162	2.96	-	27.50	5.68	-
AV	2.4476G	86.82	Inf	-Inf	53.64	3	Horizontal	162	2.96	-	27.50	5.68	-
PK	2.4892G	57.32	74.00	-16.68	23.92	3	Horizontal	162	2.96	-	27.68	5.72	-
AV	2.4852G	45.98	54.00	-8.02	12.67	3	Horizontal	162	2.96	-	27.60	5.71	-

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

2452MHz_TX

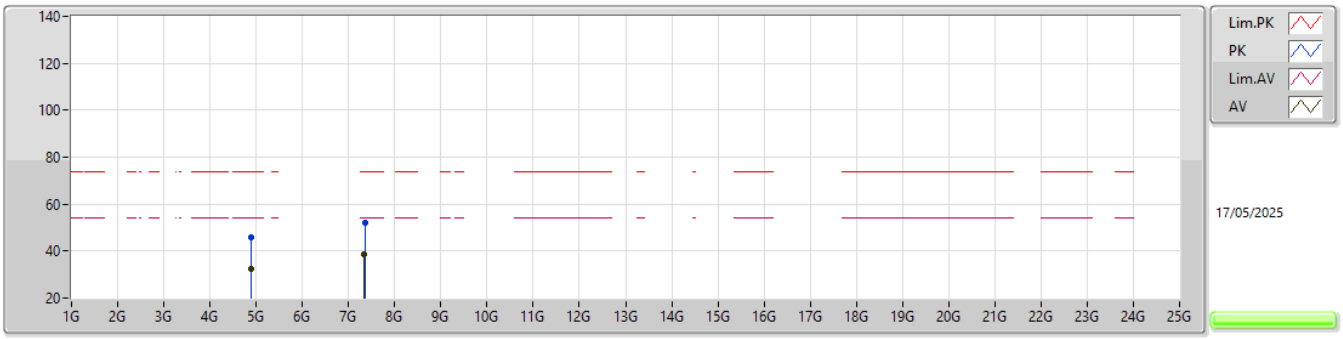


EUT Z_2TX
Setting 58
04-E-G-4

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	4.89572G	45.86	74.00	-28.14	50.28	3	Vertical	102	1.83	-	31.30	8.20	43.92
AV	4.90944G	32.26	54.00	-21.74	36.64	3	Vertical	102	1.83	-	31.32	8.21	43.91
PK	7.35512G	57.52	74.00	-16.48	53.74	3	Vertical	331	2.90	-	36.19	10.42	42.83
AV	7.35672G	44.07	54.00	-9.93	40.29	3	Vertical	331	2.90	-	36.19	10.42	42.83

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

2452MHz_TX



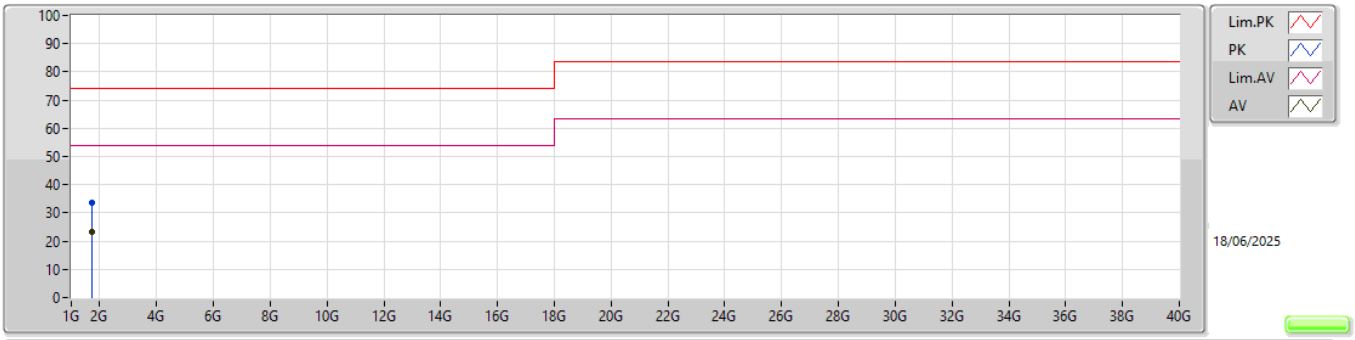
EUT Z_2TX
Setting 58
04-E-G-4

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	4.89924G	45.62	74.00	-28.38	50.04	3	Horizontal	37	2.23	-	31.30	8.20	43.92
AV	4.90036G	32.46	54.00	-21.54	36.87	3	Horizontal	37	2.23	-	31.30	8.21	43.92
PK	7.3534G	52.13	74.00	-21.87	48.35	3	Horizontal	313	1.54	-	36.19	10.42	42.83
AV	7.34704G	38.43	54.00	-15.57	34.64	3	Horizontal	313	1.54	-	36.20	10.41	42.82

Summary

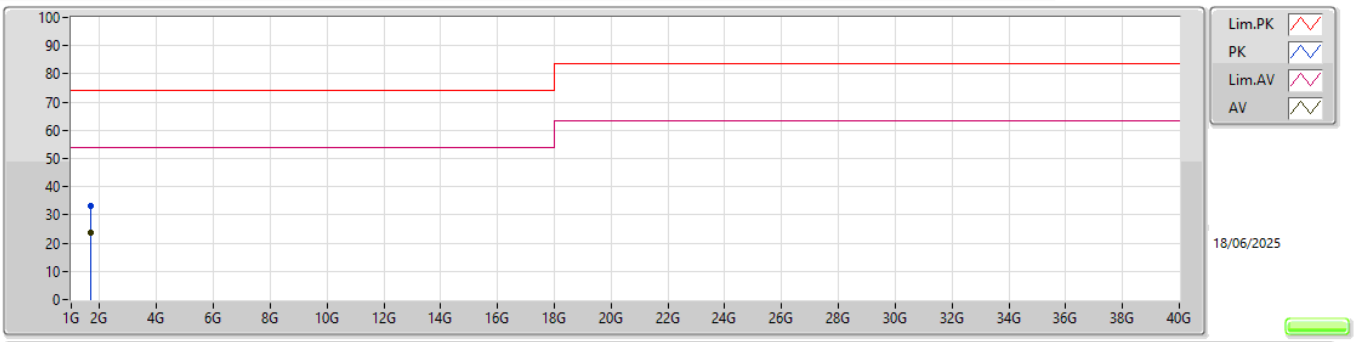
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.702G	23.51	54.00	-30.49	Horizontal

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
PK	1.7203G	33.49	74.00	-40.51	-6.83	3	Vertical	35	183	-	40.32	25.20	4.69	36.72
AV	1.7203G	23.19	54.00	-30.81	-6.83	3	Vertical	35	183	"Worst"	30.02	25.20	4.69	36.72

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV)	(dB/m)	(dB)	(dB)
AV	1.702G	23.51	54.00	-30.49	-6.92	3	Horizontal	260	1.56	"Worst"	30.43	25.12	4.68	36.72
PK	1.702G	33.32	74.00	-40.68	-6.92	3	Horizontal	260	1.56	-	40.24	25.12	4.68	36.72