



RADIO TEST REPORT

FCC ID : MSQ-RPBE7U00
Equipment : BE3600 Dual-Band WiFi Range Extender
Brand Name : ASUS
Model Name : RP-BE58
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 Nov. 04, 2024, and testing was started from Nov. 12, 2024 and completed on Dec. 12, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

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



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A10_10 Ver1.3



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/manufacture 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: Muse Chan



1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						2.4GHz	5GHz
1	1	Shenzhen Gongjin Electronics CO.,LTD	EmP301e-B-I45(B)	Dipole Antenna	I-PEX	3	3
2	2	Shenzhen Gongjin Electronics CO.,LTD	EmP301f-B-I45(G)	Dipole Antenna	I-PEX	3	3

Note 1: The above information was declared by manufacturer.

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

Ex.

Directional Gain (NSS1) formula :

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

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

$$g_{j,k} = (NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2$$

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2) + NSS1(g1,3) + NSS1(g1,4))^2 / N_{ANT}] \Rightarrow 10$$

$$\log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20} + 10^{G4/20})^2 / N_{ANT}]$$

Where ;

$$2.4G \ G1 = 3 \text{ dBi} ; G2 = 3 \text{ dBi} ;$$

$$5G \ UNII-1 \ G1 = 3 \text{ dBi} ; G2 = 3 \text{ dBi} ;$$

$$5G \ UNII-2A \ G1 = 3 \text{ dBi} ; G2 = 3 \text{ dBi} ;$$

$$5G \ UNII-2C \ G1 = 3 \text{ dBi} ; G2 = 3 \text{ dBi} ;$$

$$5G \ UNII-3 \ G1 = 3 \text{ dBi} ; G2 = 3 \text{ dBi} ;$$

$$2.4G \ DG = 6.01 \text{ dBi}$$

$$5G \ UNII-1 \ DG = 6.01 \text{ dBi}$$

$$5G \ UNII-2A \ DG = 6.01 \text{ dBi}$$

$$5G \ UNII-2C \ DG = 6.01 \text{ dB}$$

$$5G \ UNII-3 \ DG = 6.01 \text{ dBi}$$



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.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b	0.948	0.23	12.419m	100
802.11g	0.949	0.23	2.065m	1k
802.11be EHT20-BF	0.965	0.15	1.496m	1k
802.11be EHT40-BF	0.953	0.21	780.625u	3k

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From internal power supply			
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: Mtool 3.3.0.6 For Radiated (Beamforming) mode: DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Supports Functions

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

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

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu	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	Chris Li	23.6~24.6 / 63~64	Nov. 18, 2024~ Nov. 22, 2024
Radiated Below 1G	03CH03-CB	Viola Huang	21.4~22.5 / 54~59	Nov. 12, 2024~ Dec. 09, 2024
Radiated Above 1G	03CH01-CB		22.1~23.5 / 55~58	
	03CH02-CB		21.8~22.6 / 54~58	
Radiated co-location emission	03CH05-CB		21.6~22.7 / 56~59	Dec. 12, 2024
AC Conduction	CO01-CB	Gray Lee	22~23 / 61~62	Nov. 20, 2024

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

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

Note:

- ♦ EHT20 / EHT40 covers HT20 / HT40 / VHT20 / VHT40 / HEW20 / HEW40 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / HEW20 / HEW40 is the same or lower than EHT20 / EHT40.
- ♦ The EUT supports non-beamforming and beamforming modes. After evaluating, the beamforming mode was selected to test.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT

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 Y axis for 2.4GHz, X axis for 5GHz from radiated emission above 1GHz, so the measurement will follow this same test configuration.	
1	EUT in Y axis_WLAN 2.4GHz
2	EUT in X axis_WLAN 5GHz
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, the worst case was found at X axis for Bandedge, Y axis for Harmonic, so it was selected to perform test and its test result was written in the report.	
1	EUT in X axis (Bandedge) / EUT in Y axis (Harmonic)



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 X axis, so it was selected to perform test and its test result was written in the report.
1	EUT in X axis_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	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA481202 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 WLAN AP and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN NB	Lenovo	X260	N/A
B	2.4G NB	Lenovo	X260	N/A
C	5G NB	Lenovo	X260	N/A

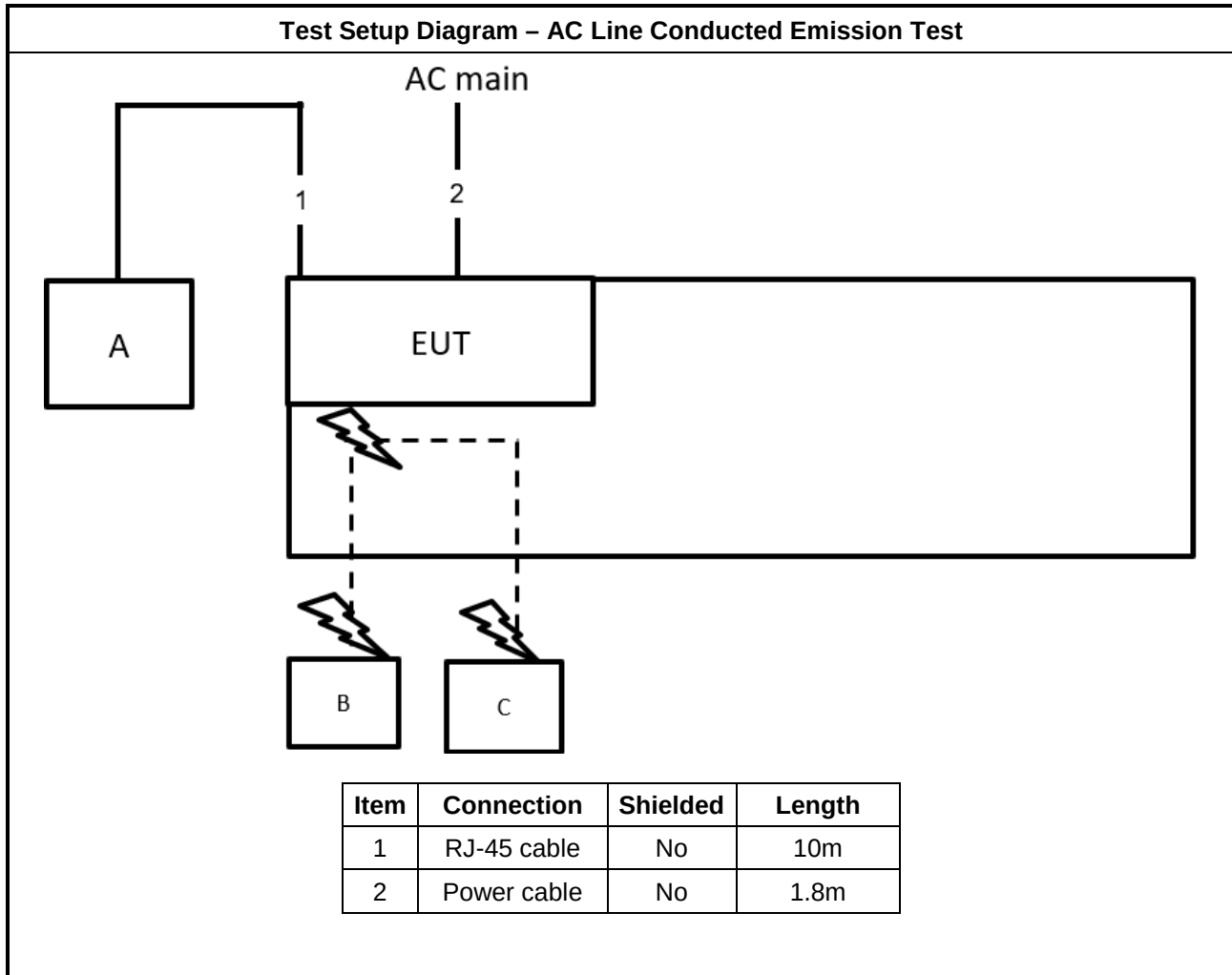
For Radiated (below 1GHz), Radiated (above 1GHz) <Non-beamforming mode> and RF Conducted:

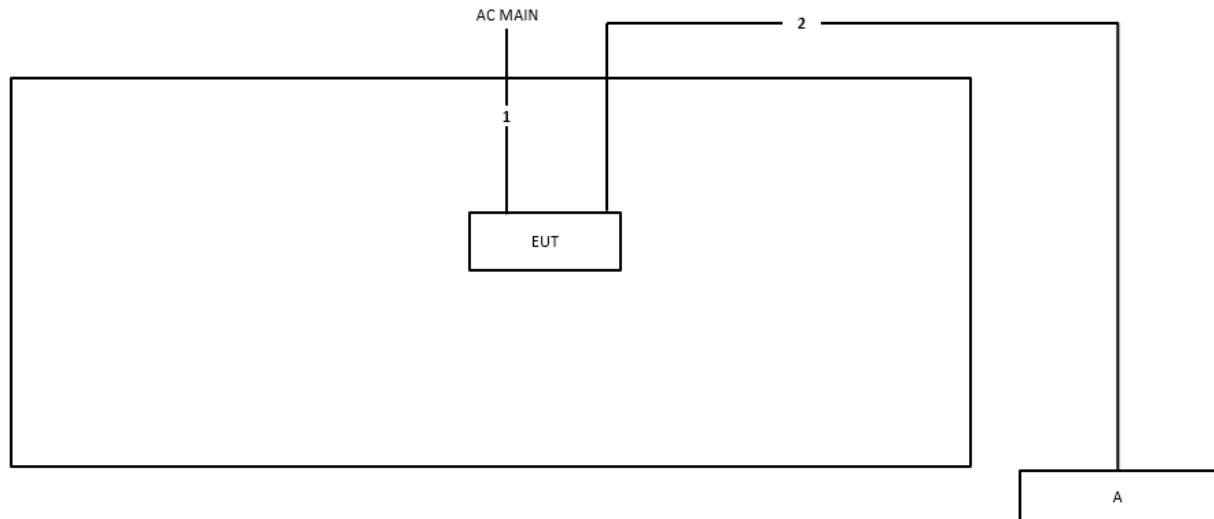
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A

For Radiated (above 1GHz) <Beamforming mode>:

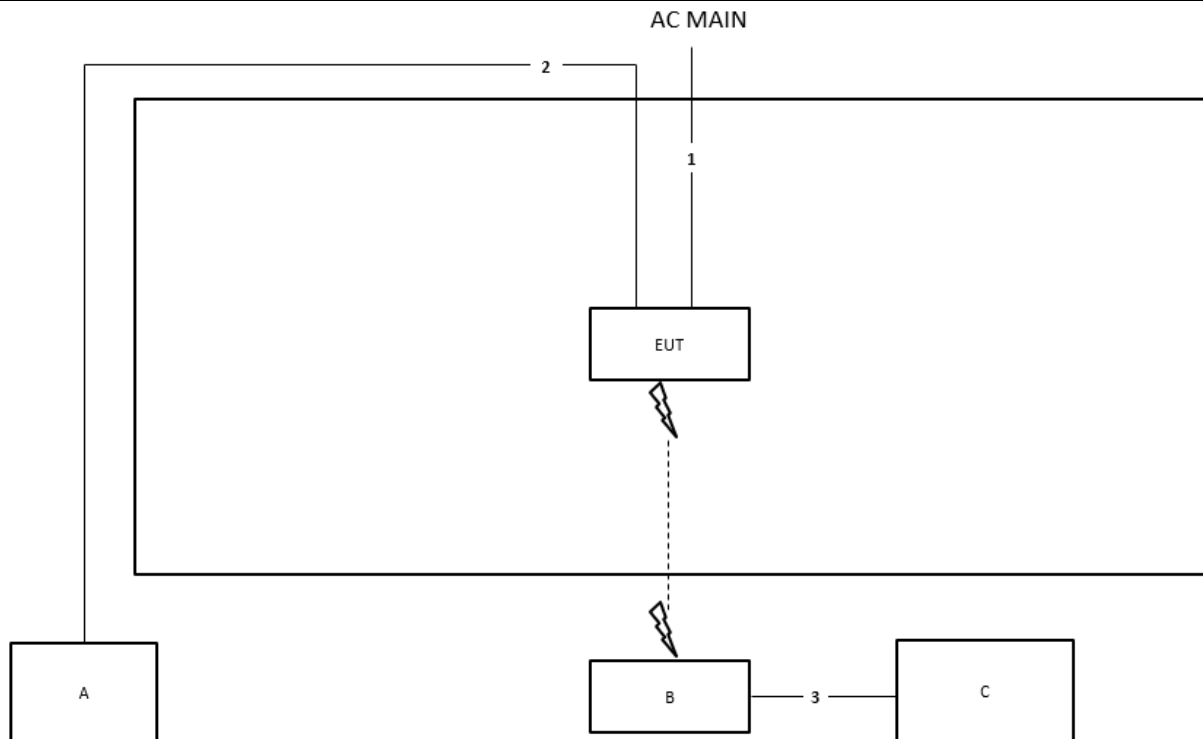
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	WLAN AP	ASUS	RT-BE88U	MSQ-RTBE7000
C	NB	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz and > 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.		

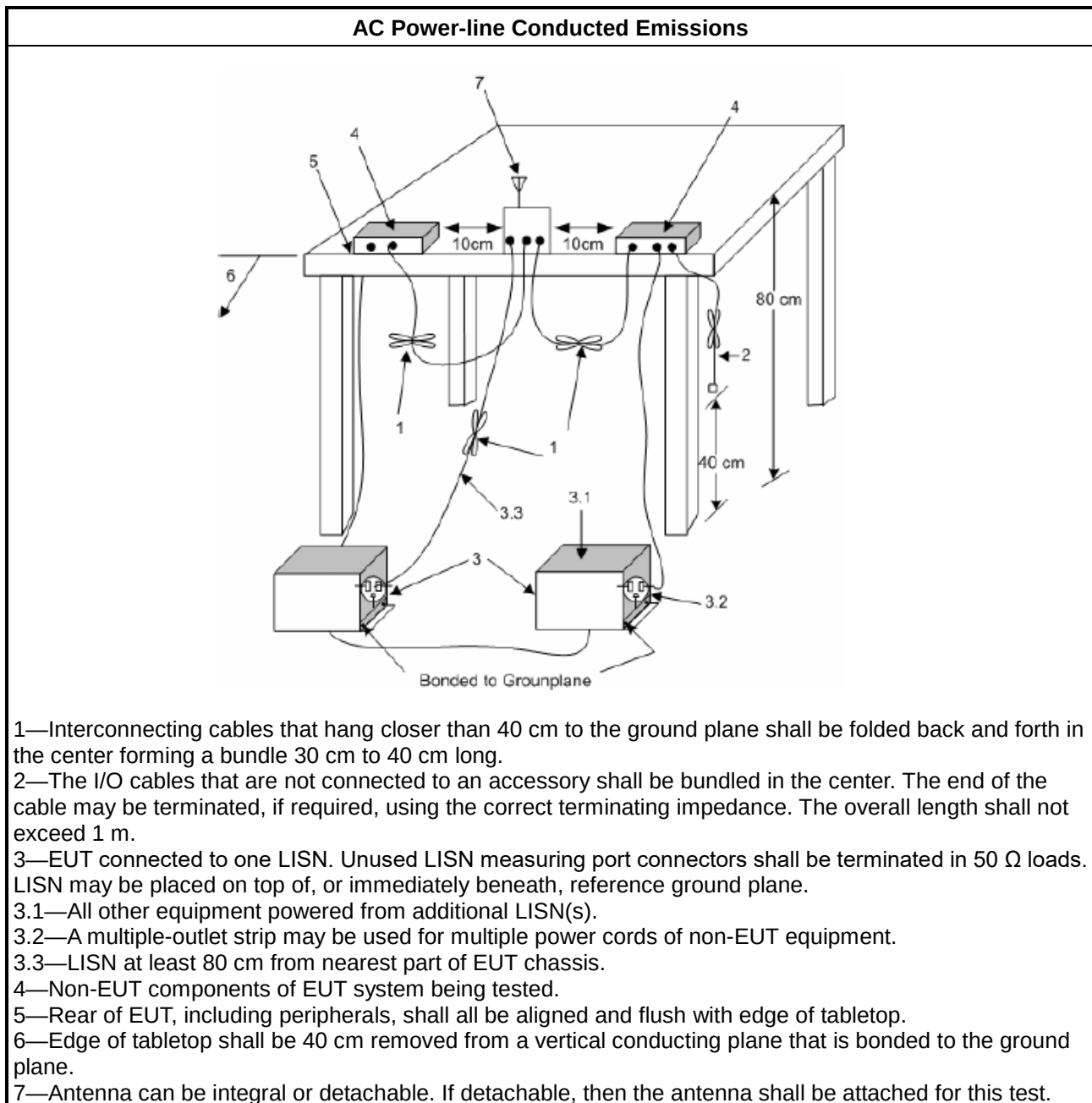
3.1.2 Measuring Instruments

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



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 $\geq$ 500 kHz.

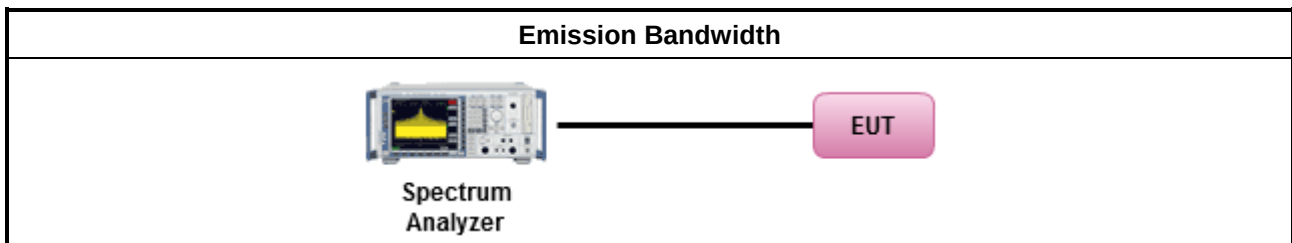
3.2.2 Measuring Instruments

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



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.	

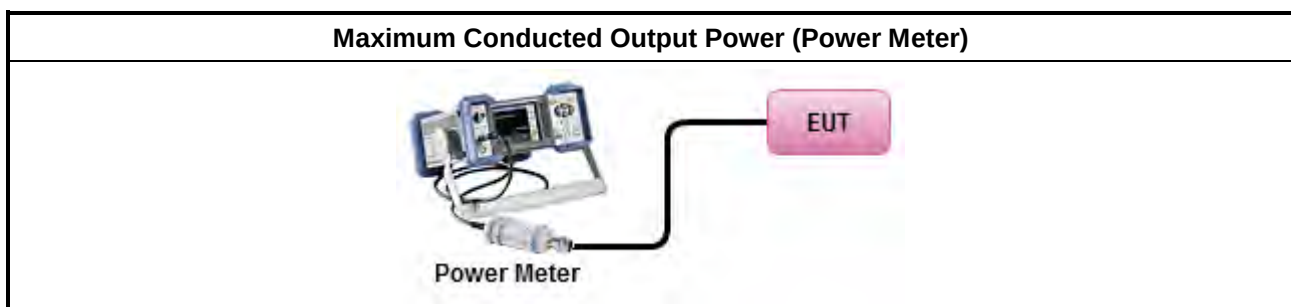
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup





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

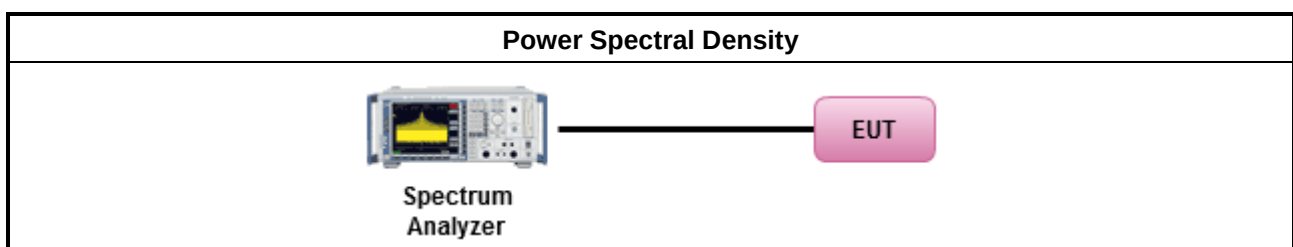
3.4.2 Measuring Instruments

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





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.	

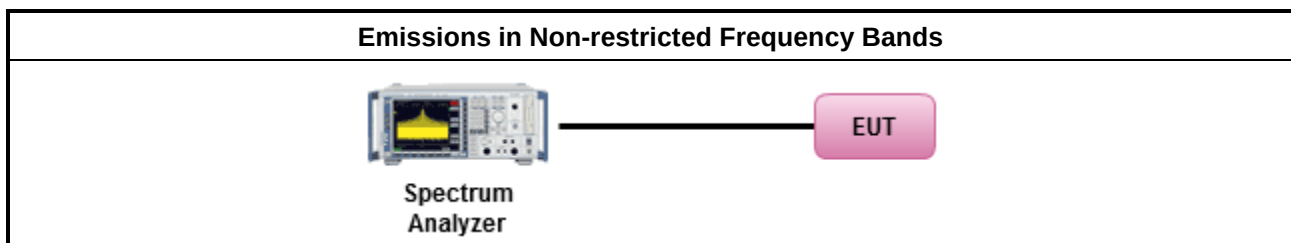
3.5.2 Measuring Instruments

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



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.

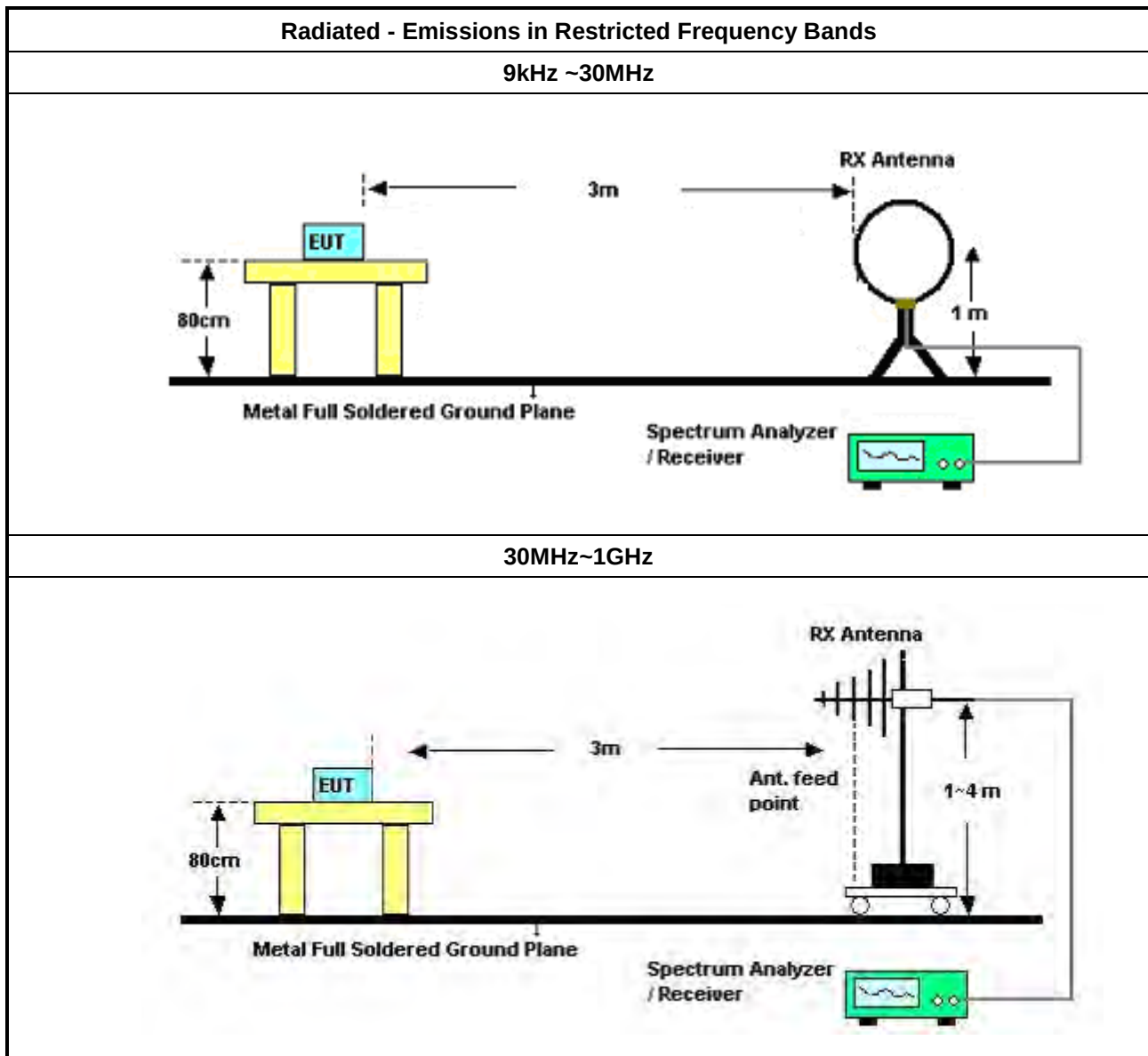
3.6.2 Measuring Instruments

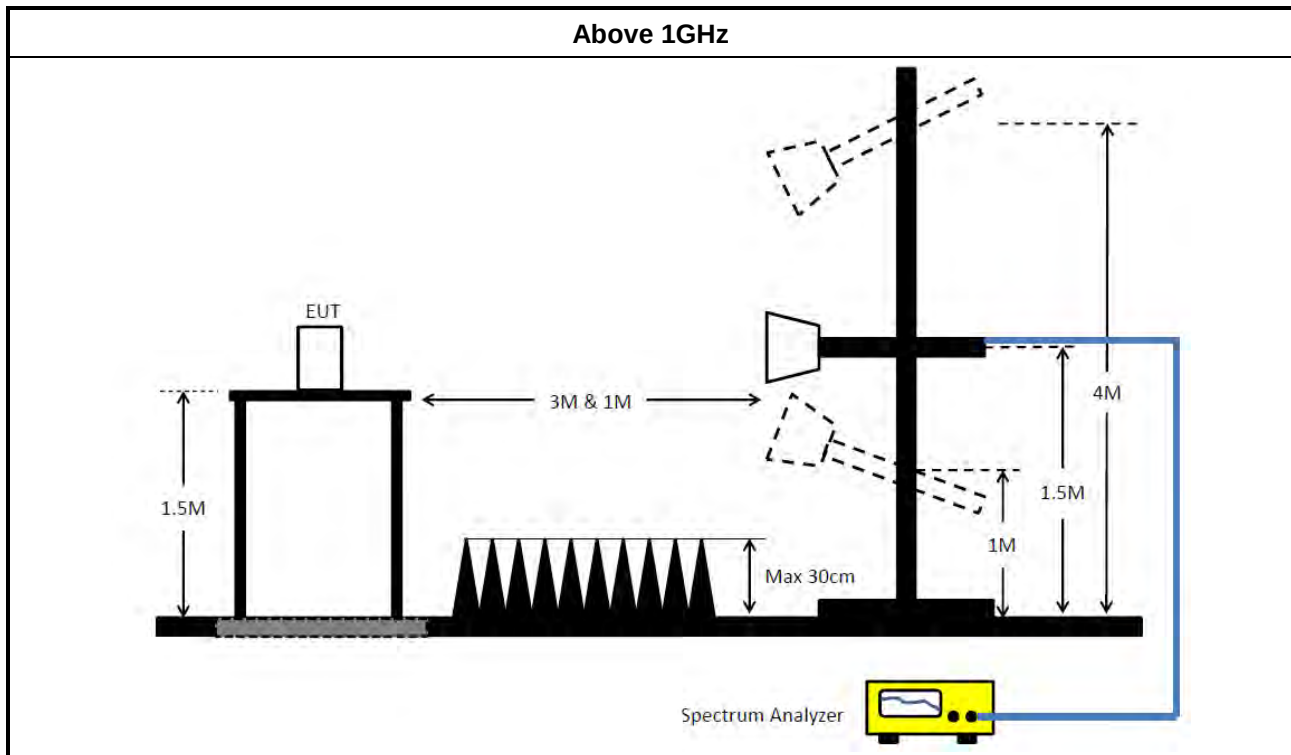
Refer a test equipment and calibration data table in this test report.

**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 $\geq 98\%$).
	☐ 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 $\geq 1/T$).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq 1/T$, 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





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	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 - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N0605	30MHz ~ 1GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
Amplifier	SGH	SGH301	20240606-1	30MHz ~ 1GHz	Jun. 04, 2024	Jun. 03, 2025	Radiation (03CH0V3-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 18, 2024	Oct. 17, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-1524 7_DTS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-1524 7_DTS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120 D-1291	1GHz~18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	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)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 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)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 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	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-1524 7_DTS	V5.11.18	2.4GHz- 2.4835GHz	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



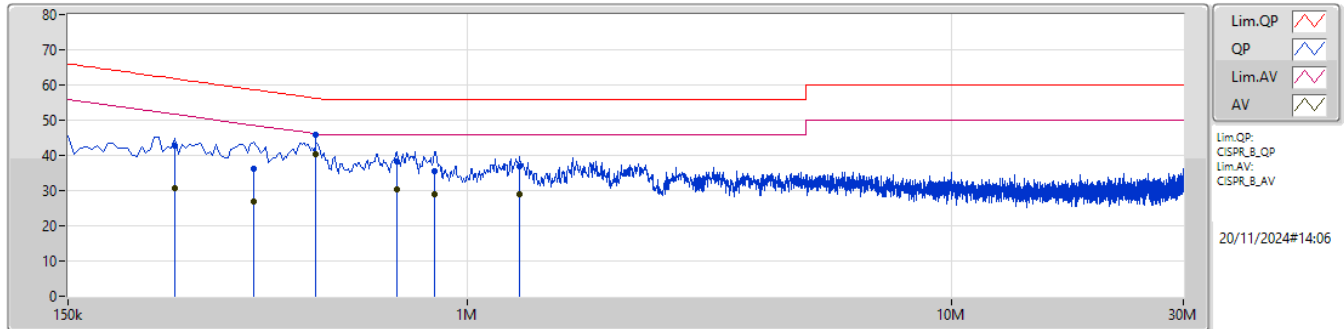
Conducted Emissions at Powerline

Appendix A

Summary

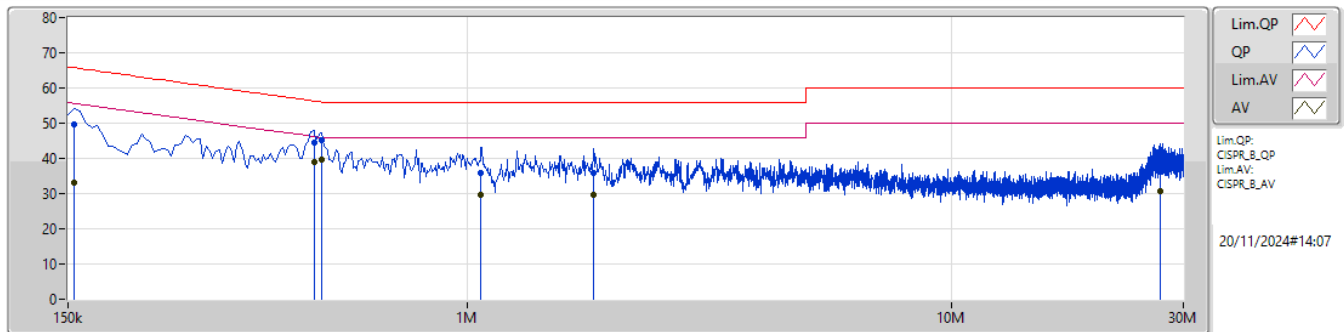
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	487.5k	40.44	46.21	-5.77	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	249k	42.66	61.79	-19.13	10.10	Line	-	32.56	0.04	0.08	9.98						
AV	249k	30.59	51.79	-21.20	10.10	Line	-	20.49	0.04	0.08	9.98						
QP	361.5k	36.15	58.70	-22.55	10.19	Line	-	25.96	0.05	0.10	10.04						
AV	361.5k	26.80	48.70	-21.90	10.19	Line	-	16.61	0.05	0.10	10.04						
QP	487.5k	45.97	56.21	-10.24	10.23	Line	-	35.74	0.05	0.10	10.08						
AV	487.5k	40.44	46.21	-5.77	10.23	Line	"Worst"	30.21	0.05	0.10	10.08						
QP	717k	38.17	56.00	-17.83	10.27	Line	-	27.90	0.06	0.09	10.12						
AV	717k	30.20	46.00	-15.80	10.27	Line	-	19.93	0.06	0.09	10.12						
QP	856.5k	35.35	56.00	-20.65	10.30	Line	-	25.05	0.07	0.09	10.14						
AV	856.5k	28.88	46.00	-17.12	10.30	Line	-	18.58	0.07	0.09	10.14						
QP	1.28M	36.99	56.00	-19.01	10.28	Line	-	26.71	0.08	0.11	10.09						
AV	1.28M	28.88	46.00	-17.12	10.28	Line	-	18.60	0.08	0.11	10.09						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	49.49	65.75	-16.26	10.06	Neutral	-	39.43	0.06	0.08	9.92						
AV	154.5k	33.02	55.75	-22.73	10.06	Neutral	-	22.96	0.06	0.08	9.92						
QP	483k	44.61	56.29	-11.68	10.24	Neutral	-	34.37	0.06	0.10	10.08						
AV	483k	38.89	46.29	-7.40	10.24	Neutral	-	28.65	0.06	0.10	10.08						
QP	500k	45.19	56.00	-10.81	10.24	Neutral	-	34.95	0.06	0.10	10.08						
AV	500k	39.76	46.00	-6.24	10.24	Neutral	"Worst"	29.52	0.06	0.10	10.08						
QP	1.068M	35.93	56.00	-20.07	10.31	Neutral	-	25.62	0.08	0.09	10.14						
AV	1.068M	29.53	46.00	-16.47	10.31	Neutral	-	19.22	0.08	0.09	10.14						
QP	1.824M	35.70	56.00	-20.30	10.21	Neutral	-	25.49	0.10	0.13	9.98						
AV	1.824M	29.82	46.00	-16.18	10.21	Neutral	-	19.61	0.10	0.13	9.98						
QP	26.948M	40.11	60.00	-19.89	10.68	Neutral	-	29.43	0.40	0.32	9.96						
AV	26.948M	30.72	50.00	-19.28	10.68	Neutral	-	20.04	0.40	0.32	9.96						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.55M	14.399M	14M4G1D	6.925M	10.444M
802.11g_Nss1,(6Mbps)_2TX	16.375M	17.973M	18M0D1D	14.425M	16.671M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	18.75M	19.196M	19M2D1D	11.2M	18.848M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	32.45M	37.75M	37M8D1D	10.1M	37.453M

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

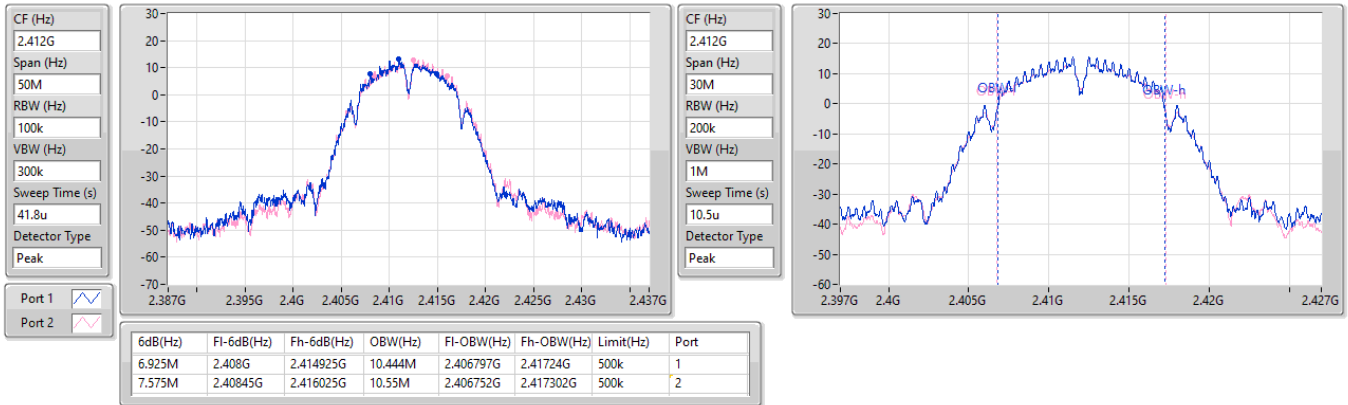
Result

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	6.925M	10.444M	7.575M	10.55M
2437MHz	Pass	500k	8.05M	13.984M	8.55M	14.399M
2462MHz	Pass	500k	7.075M	10.486M	7.75M	10.477M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.05M	16.713M	16.325M	16.811M
2437MHz	Pass	500k	16.375M	17.807M	15.4M	17.973M
2462MHz	Pass	500k	15.75M	16.711M	14.425M	16.671M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.1M	19.088M	11.2M	19.092M
2437MHz	Pass	500k	18.75M	19.196M	18.275M	19.095M
2462MHz	Pass	500k	14.575M	19.034M	18.45M	18.848M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	32.45M	37.453M	10.1M	37.606M
2437MHz	Pass	500k	30.25M	37.55M	30.1M	37.569M
2452MHz	Pass	500k	25.3M	37.75M	10.1M	37.681M

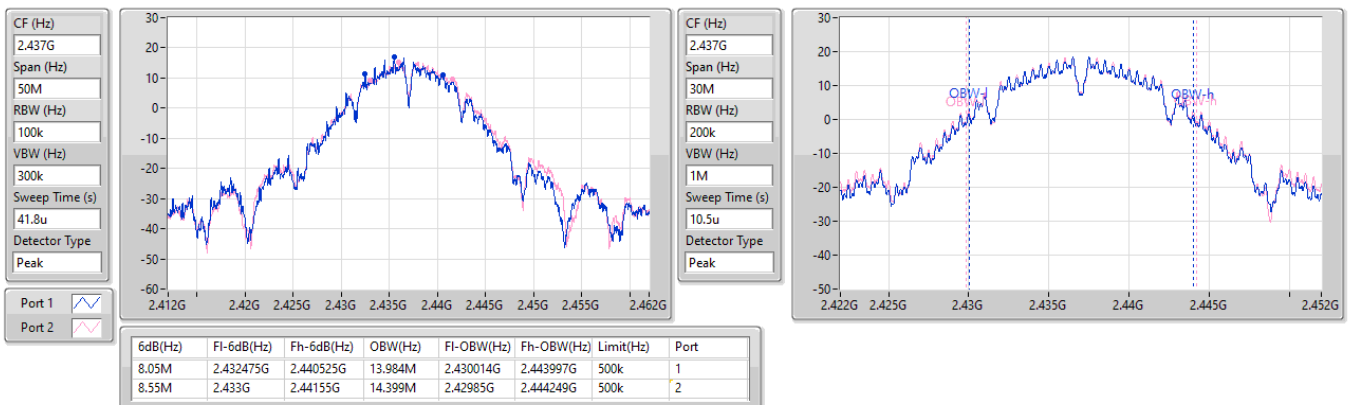
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2412MHz

18/11/2024


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX
EBW
2437MHz

22/11/2024

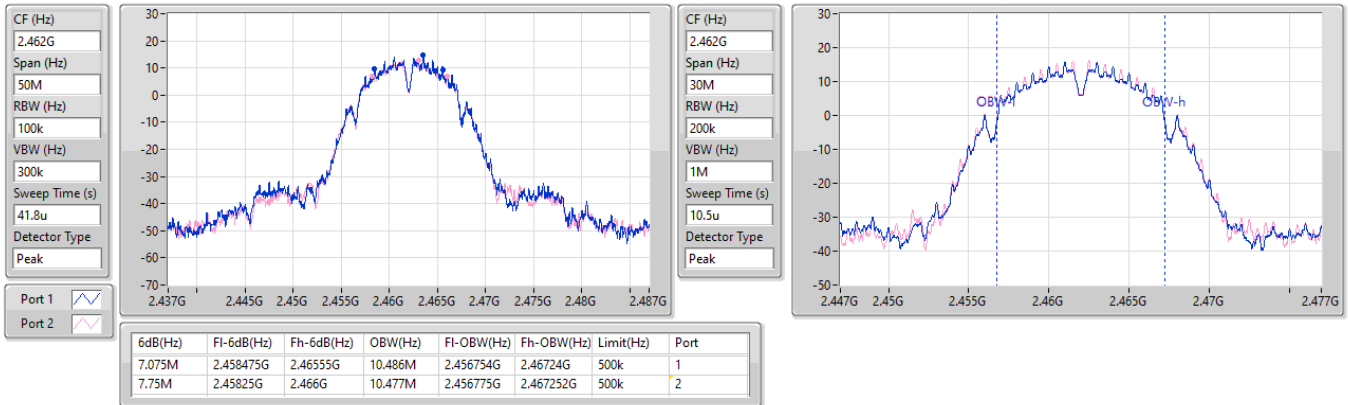


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

18/11/2024

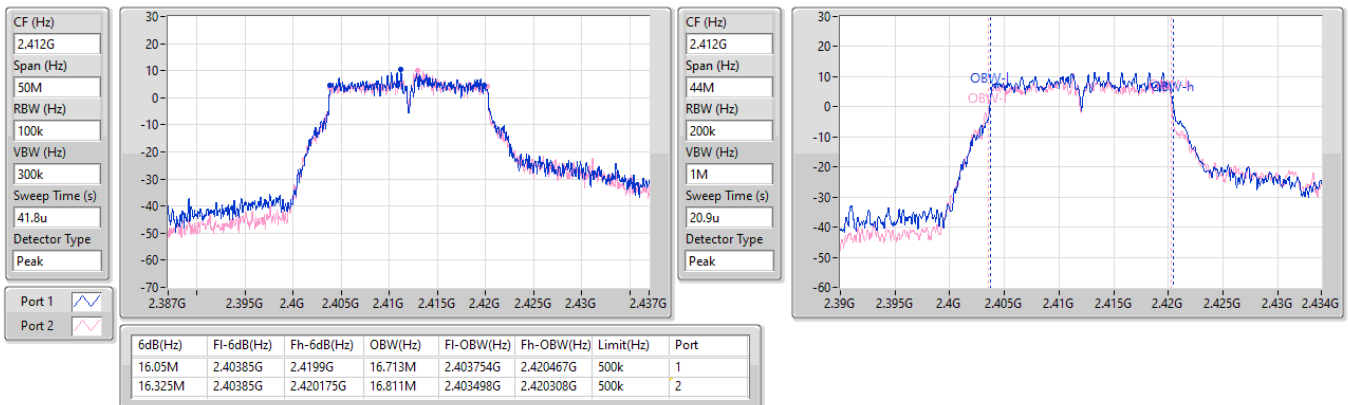


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

22/11/2024

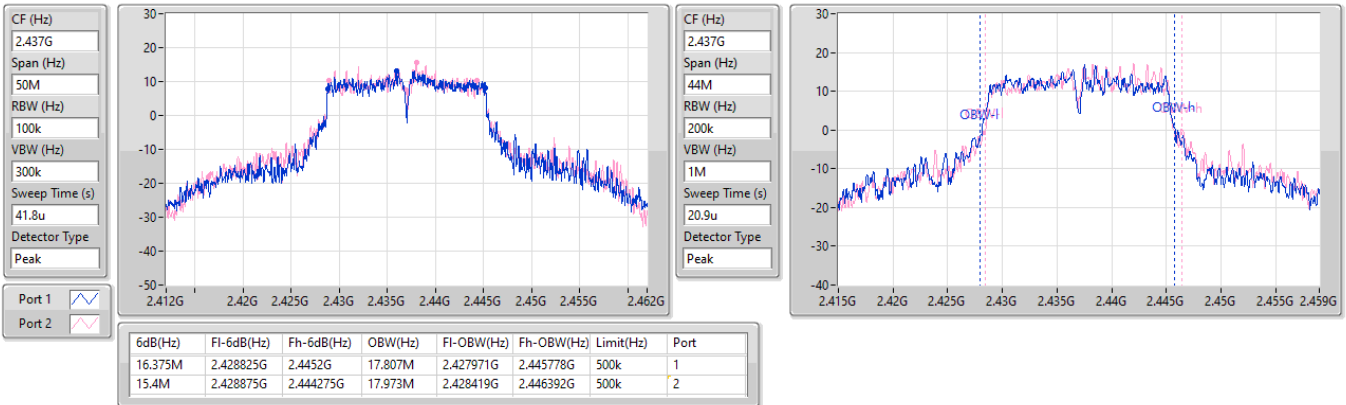


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

22/11/2024

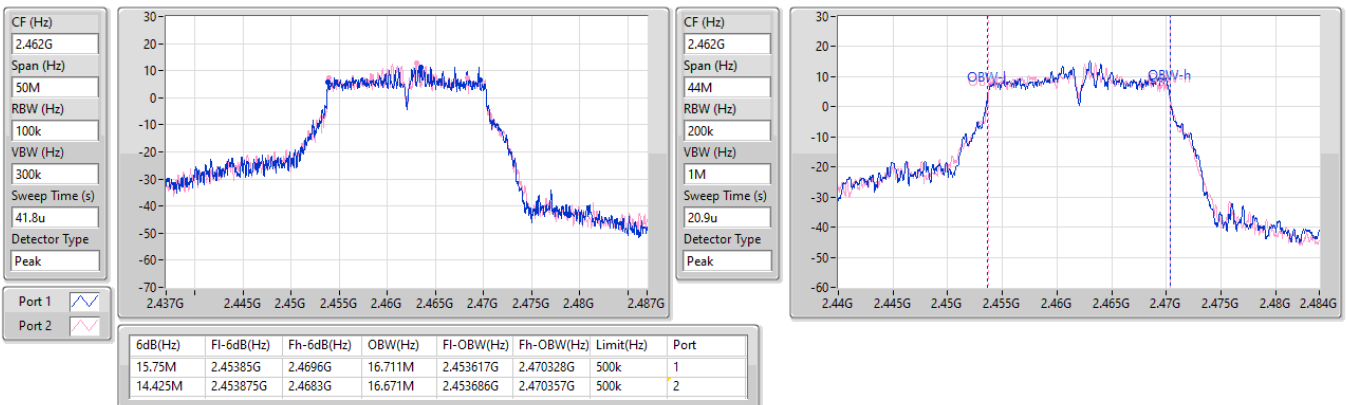


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

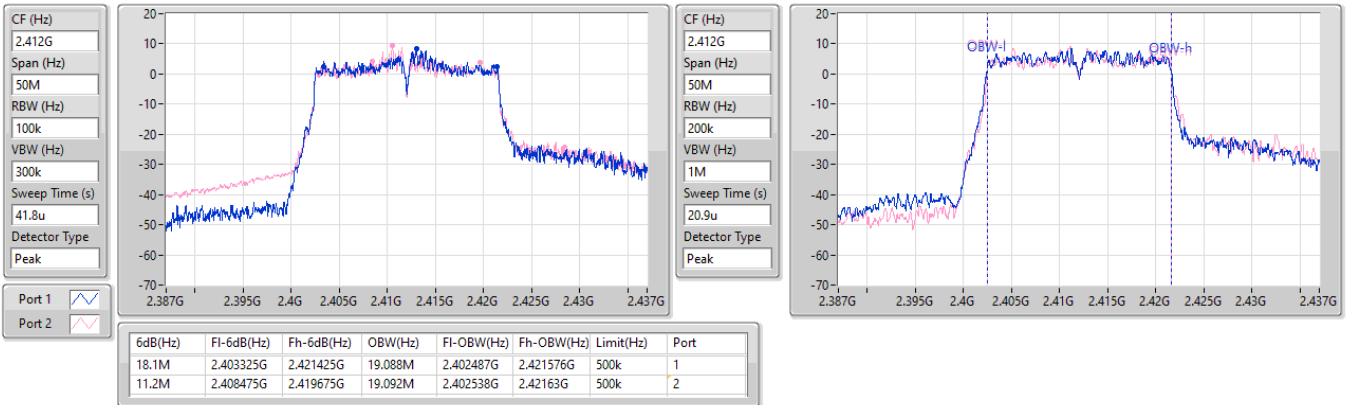
2462MHz

22/11/2024

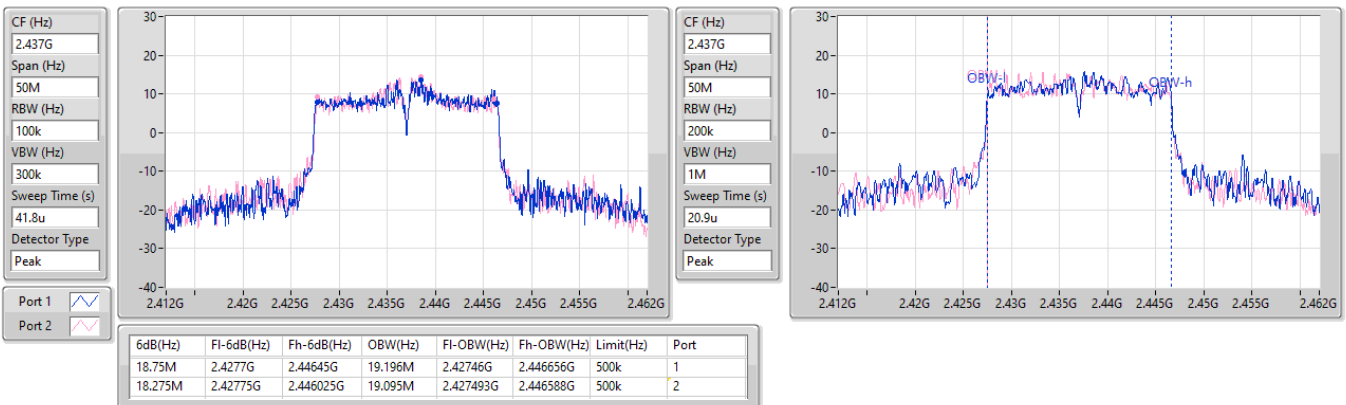


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
2412MHz

22/11/2024


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX
EBW
2437MHz

22/11/2024

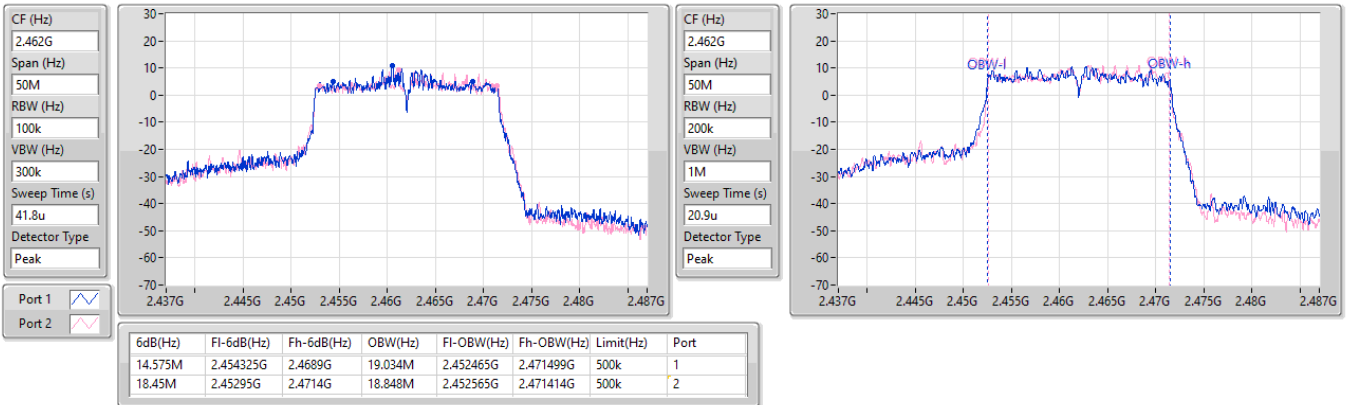


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

2462MHz

22/11/2024

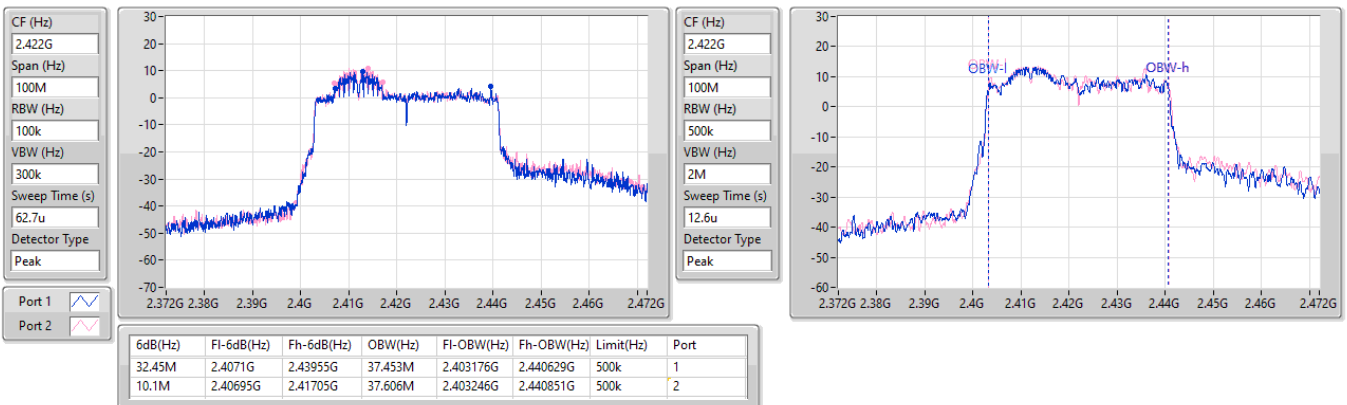


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

2422MHz

22/11/2024

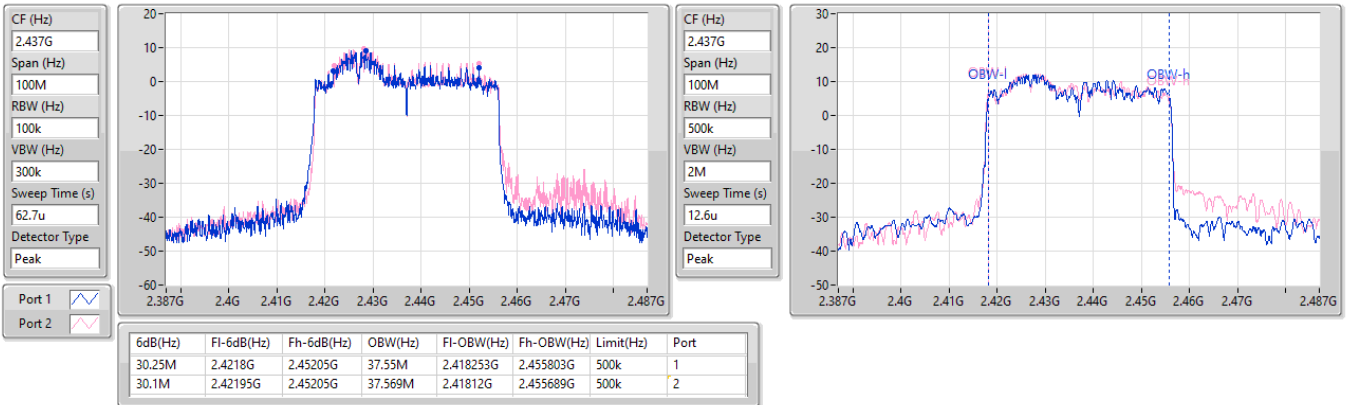


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

22/11/2024

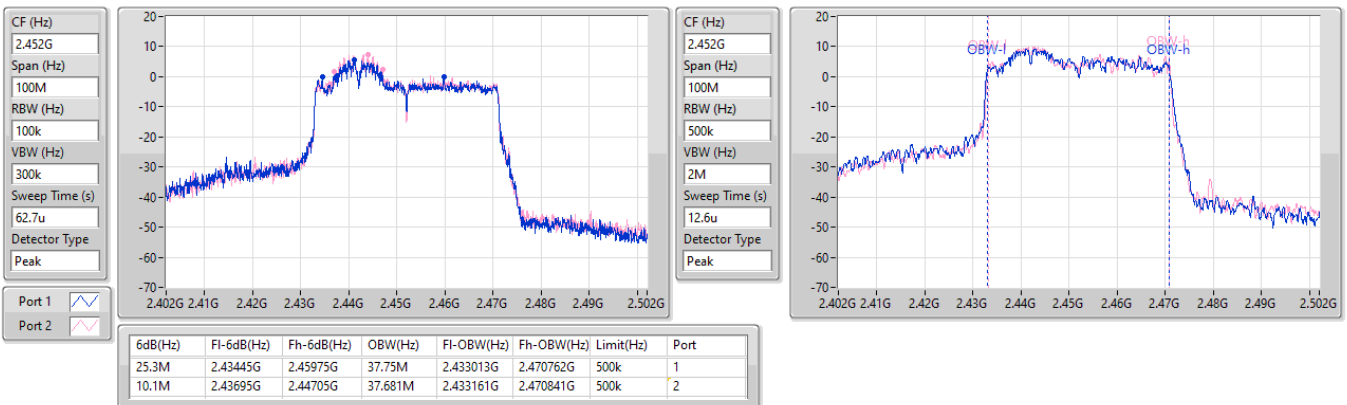


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

2452MHz

22/11/2024





Average Power

Appendix C

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.36	0.86298
802.11g_Nss1,(6Mbps)_2TX	28.05	0.63826
802.11be EHT20-BF_Nss1,(MCS0)_2TX	27.33	0.54075
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.36	0.27290



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.00	22.6	22.55	25.59	30.00
2417MHz	Pass	3.00	23.29	23.2	26.26	30.00
2437MHz	Pass	3.00	26.36	26.33	29.36	30.00
2457MHz	Pass	3.00	23.37	23.52	26.46	30.00
2462MHz	Pass	3.00	23.18	23.24	26.22	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	3.00	21.48	20.99	24.25	30.00
2417MHz	Pass	3.00	24.52	23.59	27.09	30.00
2437MHz	Pass	3.00	25.02	25.06	28.05	30.00
2457MHz	Pass	3.00	22.65	22.43	25.55	30.00
2462MHz	Pass	3.00	21.84	21.75	24.81	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.01	18.80	18.68	21.75	29.99
2417MHz	Pass	6.01	22.88	22.79	25.85	29.99
2437MHz	Pass	6.01	24.54	24.08	27.33	29.99
2457MHz	Pass	6.01	22.51	22.44	25.49	29.99
2462MHz	Pass	6.01	21.11	20.77	23.95	29.99
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.01	21.19	21.50	24.36	29.99
2437MHz	Pass	6.01	20.60	20.70	23.66	29.99
2452MHz	Pass	6.01	17.77	18.13	20.96	29.99

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	4.44
802.11g_Nss1,(6Mbps)_2TX	3.28
802.11be EHT20-BF_Nss1,(MCS0)_2TX	3.94
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-1.72

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	6.01	-0.71	-0.6	1.16	7.99
2437MHz	Pass	6.01	3.07	2.49	4.44	7.99
2462MHz	Pass	6.01	0.97	-0.19	3.16	7.99
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.01	-3.54	-2.59	-0.36	7.99
2437MHz	Pass	6.01	0.70	0.32	3.28	7.99
2462MHz	Pass	6.01	-1.77	-2.06	0.97	7.99
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.01	-4.83	-5.44	-2.25	7.99
2437MHz	Pass	6.01	1.24	0.76	3.94	7.99
2462MHz	Pass	6.01	-3.50	-3.63	-0.73	7.99
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.01	-4.53	-4.44	-1.72	7.99
2437MHz	Pass	6.01	-5.67	-5.36	-2.67	7.99
2452MHz	Pass	6.01	-8.32	-7.96	-5.13	7.99

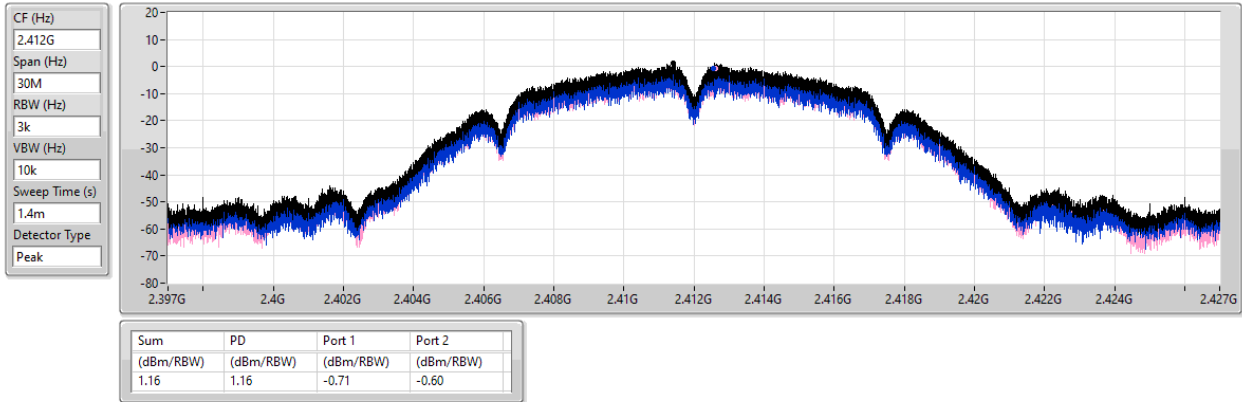
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

18/11/2024

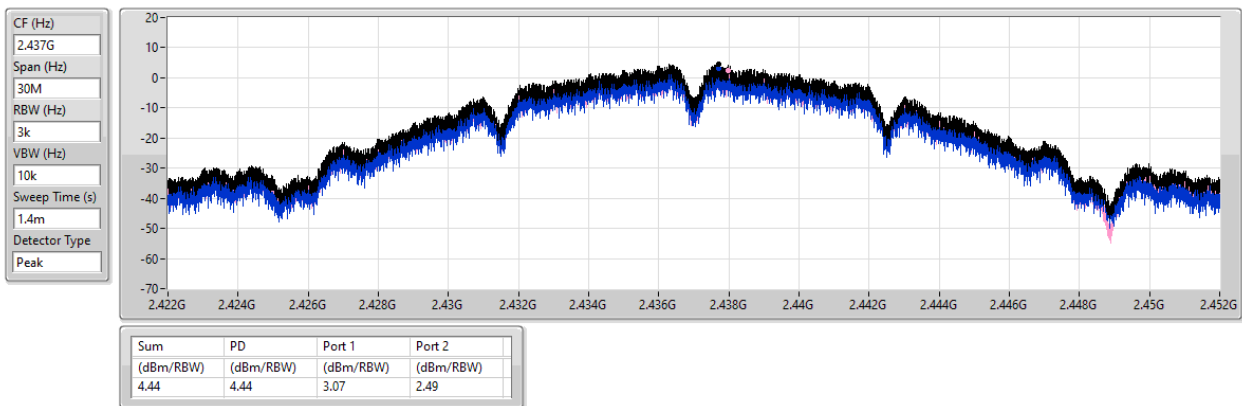


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

22/11/2024

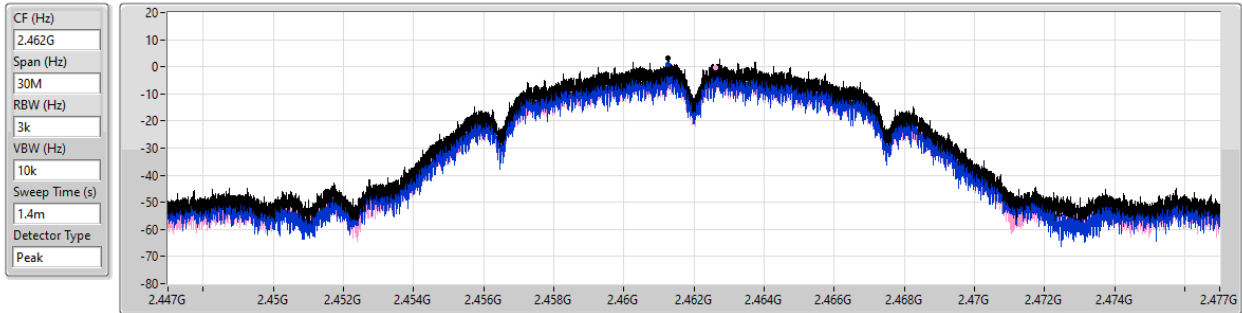


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

18/11/2024



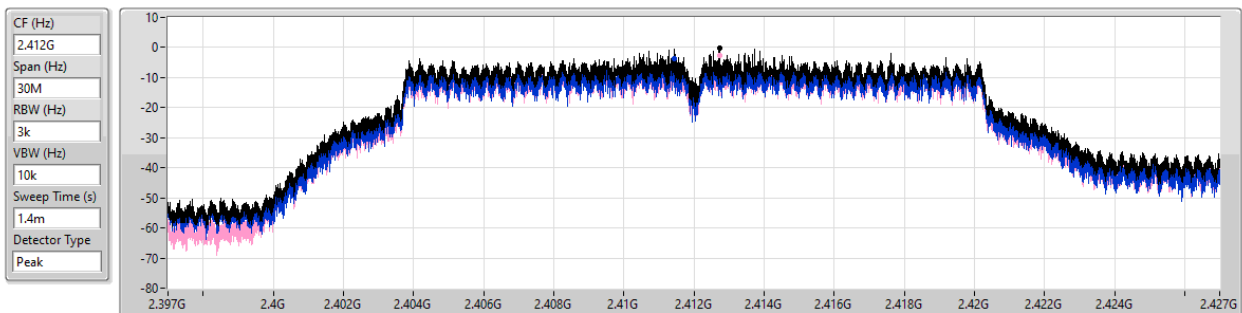
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.16	3.16	0.97	-0.19

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

PSD

2412MHz

22/11/2024



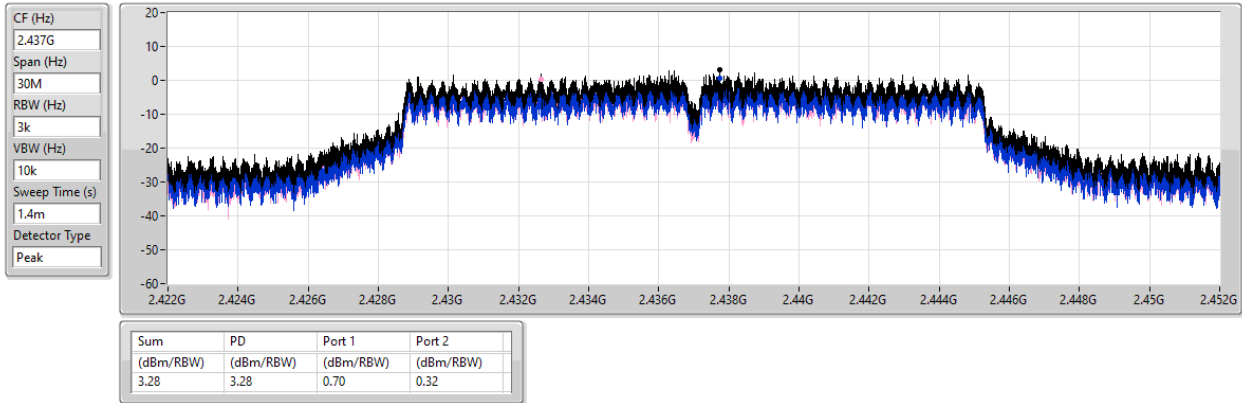
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.36	-0.36	-3.54	-2.59

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

PSD

2437MHz

22/11/2024

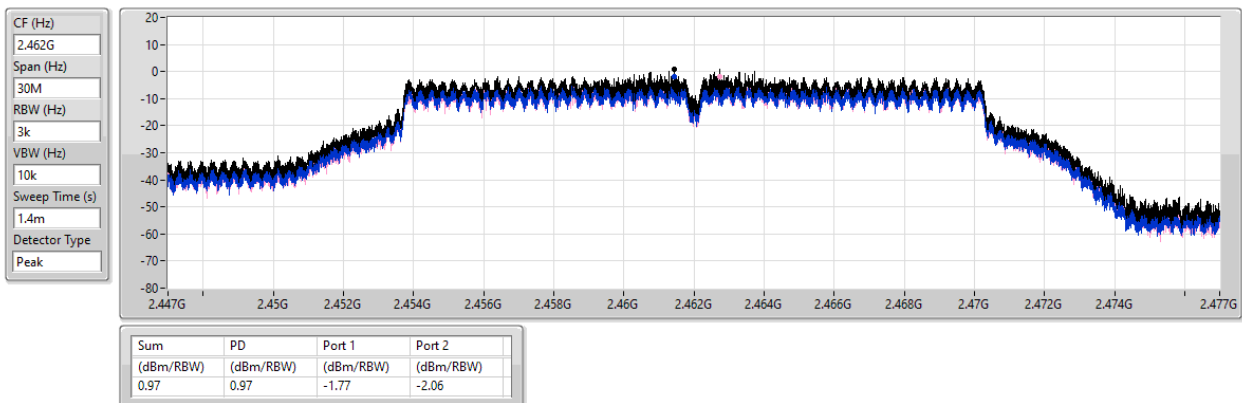


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

22/11/2024

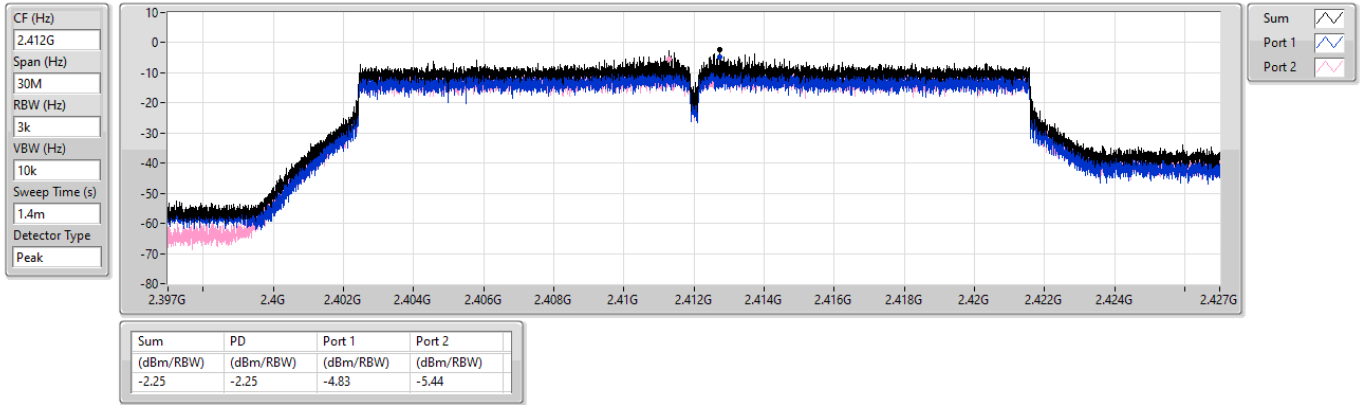


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

22/11/2024

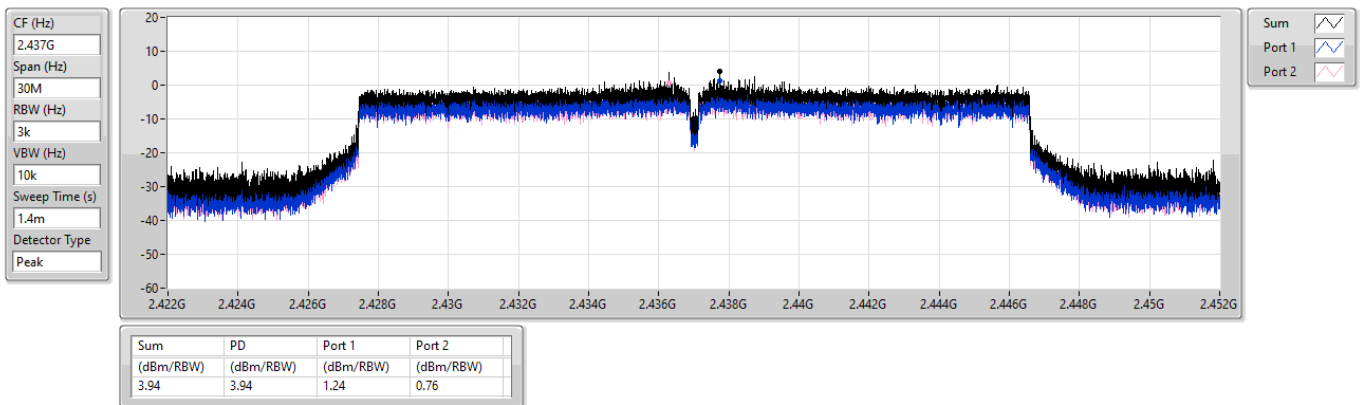


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

22/11/2024

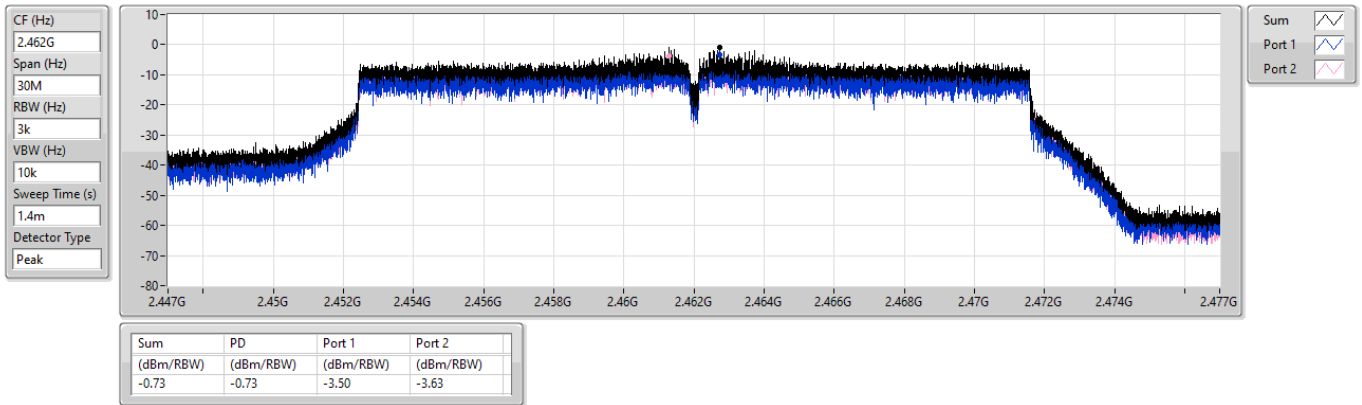


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

22/11/2024

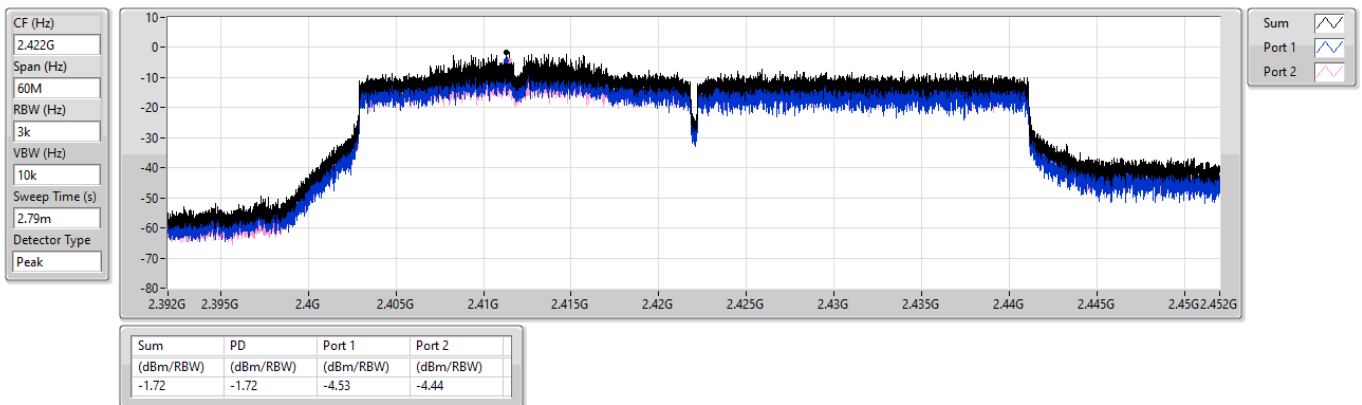


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

22/11/2024

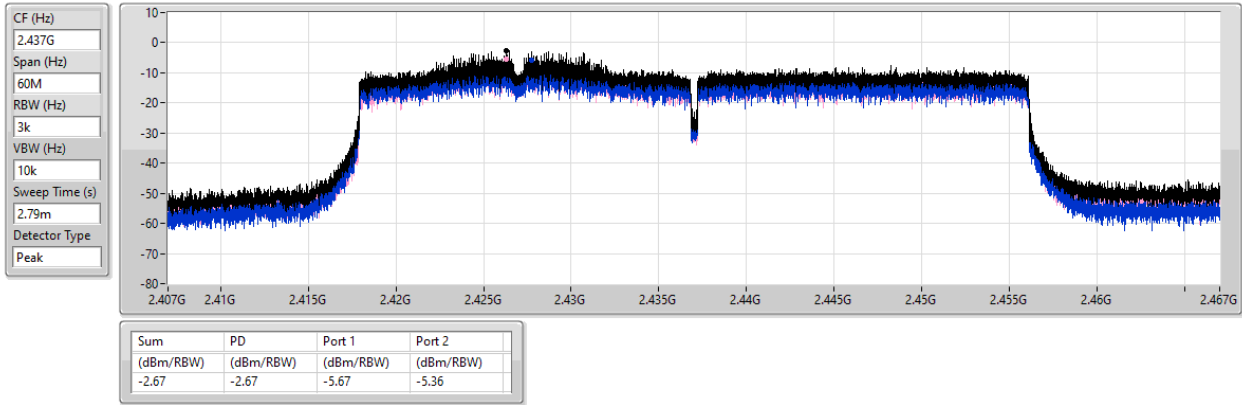


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

22/11/2024

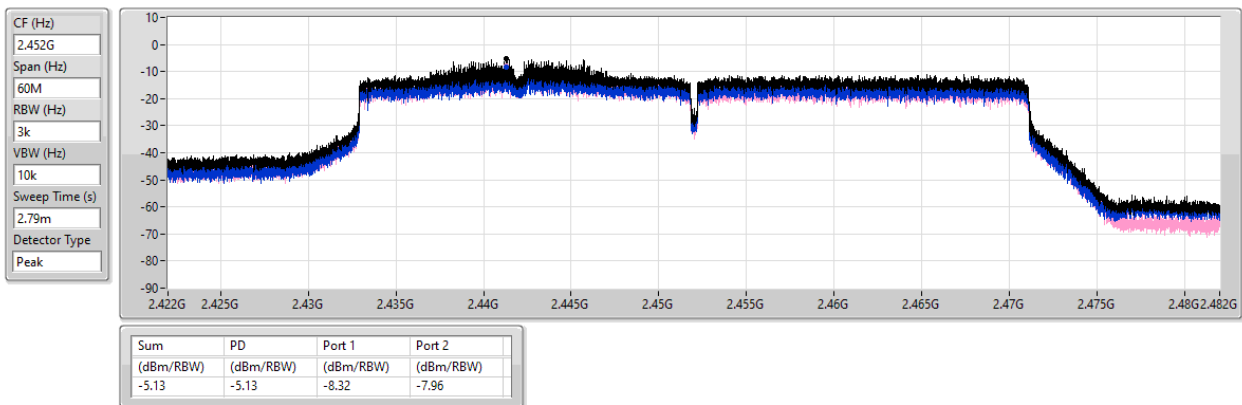


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

22/11/2024





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	2.43607G	18.57	-11.43	2.30991G	-52.85	2.39904G	-34.23	2.4G	-35.04	2.50438G	-49.51	21.89543G	-44.35	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.44192G	15.12	-14.88	2.13982G	-52.27	2.39976G	-24.42	2.4G	-22.99	2.5227G	-48.3	21.43747G	-44.91	2
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	2.44208G	13.24	-16.76	2.30525G	-52.93	2.39992G	-32.17	2.4G	-30.31	2.52078G	-50.22	21.43186G	-44.89	1
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	2.41319G	7.62	-22.38	2.30168G	-52.79	2.4G	-28.29	2.4G	-26.69	2.50862G	-47.04	21.66257G	-44.51	2

Result

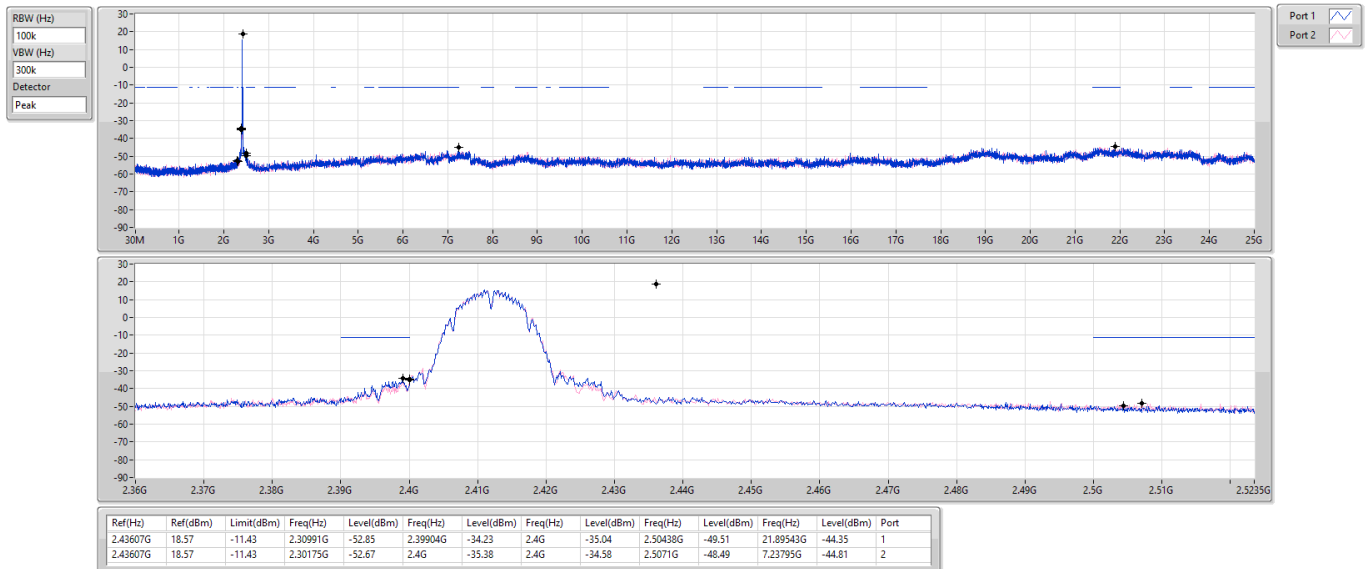
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1.(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43607G	18.57	-11.43	2.30991G	-52.85	2.39904G	-34.23	2.4G	-35.04	2.50438G	-49.51	21.89543G	-44.35	1
2412MHz	Pass	2.43607G	18.57	-11.43	2.30175G	-52.67	2.4G	-35.38	2.4G	-34.58	2.5071G	-48.49	7.23795G	-44.81	2
2437MHz	Pass	2.43607G	18.57	-11.43	2.30175G	-51.39	2.3996G	-37.92	2.4G	-39.45	2.50622G	-45.64	21.67629G	-46.07	1
2437MHz	Pass	2.43607G	18.57	-11.43	2.30408G	-50.58	2.3996G	-36.7	2.4G	-40.86	2.50198G	-45.73	21.65381G	-44.71	2
2462MHz	Pass	2.43607G	18.57	-11.43	2.30292G	-52.57	2.3952G	-47.76	2.4G	-48.8	2.50518G	-45.39	21.53019G	-44.97	1
2462MHz	Pass	2.43607G	18.57	-11.43	2.30874G	-53.31	2.3944G	-48.48	2.4G	-50.33	2.50926G	-46.56	21.6201G	-44.53	2
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44192G	15.12	-14.88	2.30758G	-52.81	2.39992G	-26.38	2.4G	-23.84	2.50358G	-49.09	21.65662G	-44.93	1
2412MHz	Pass	2.44192G	15.12	-14.88	2.13982G	-52.27	2.39976G	-24.42	2.4G	-22.99	2.5227G	-48.3	21.43747G	-44.91	2
2437MHz	Pass	2.44192G	15.12	-14.88	2.30525G	-51.84	2.39976G	-33.54	2.4G	-34.78	2.50054G	-44.22	21.62572G	-44.06	1
2437MHz	Pass	2.44192G	15.12	-14.88	2.30874G	-51.91	2.39848G	-36.04	2.4G	-35.53	2.50038G	-43.22	21.71G	-45.07	2
2462MHz	Pass	2.44192G	15.12	-14.88	2.30525G	-53.38	2.39448G	-47.95	2.4G	-48.69	2.50006G	-46.62	21.51052G	-44.41	1
2462MHz	Pass	2.44192G	15.12	-14.88	2.30059G	-51.78	2.39304G	-48.87	2.4G	-48.82	2.5019G	-46.5	21.58919G	-45.51	2
802.11be EHT20-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	13.24	-16.76	2.30525G	-52.93	2.39992G	-32.17	2.4G	-30.31	2.52078G	-50.22	21.43186G	-44.89	1
2412MHz	Pass	2.44208G	13.24	-16.76	2.18991G	-53.15	2.4G	-31.87	2.4G	-30.45	2.50222G	-49.74	21.54705G	-45.02	2
2437MHz	Pass	2.44208G	13.24	-16.76	2.30292G	-53	2.39944G	-35.41	2.4G	-37.39	2.50014G	-46.12	21.99377G	-44.53	1
2437MHz	Pass	2.44208G	13.24	-16.76	2.30758G	-52.89	2.39992G	-35.37	2.4G	-36.51	2.5047G	-44.96	21.96848G	-45.62	2
2462MHz	Pass	2.44208G	13.24	-16.76	2.15613G	-52.67	2.39544G	-48.21	2.4G	-47.29	2.50014G	-46.08	21.71G	-44.73	1
2462MHz	Pass	2.44208G	13.24	-16.76	2.15613G	-53.49	2.4G	-48.42	2.4G	-48.27	2.50094G	-44.35	21.88139G	-45.16	2
802.11be EHT40-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41319G	7.62	-22.38	2.30283G	-52.11	2.4G	-28.98	2.4G	-27.25	2.50542G	-47.64	21.48588G	-45.19	1
2422MHz	Pass	2.41319G	7.62	-22.38	2.30168G	-52.79	2.4G	-28.29	2.4G	-26.69	2.50862G	-47.04	21.66257G	-44.51	2
2437MHz	Pass	2.41319G	7.62	-22.38	2.30855G	-52.91	2.39584G	-32.7	2.4G	-34.38	2.50174G	-44.16	21.49149G	-45.55	1
2437MHz	Pass	2.41319G	7.62	-22.38	2.16085G	-53.95	2.39872G	-32.01	2.4G	-31.49	2.50174G	-43.21	21.64574G	-44.51	2
2452MHz	Pass	2.41319G	7.62	-22.38	2.30741G	-53.59	2.39952G	-33.62	2.4G	-36.08	2.50062G	-46.72	21.62892G	-44.08	1
2452MHz	Pass	2.41319G	7.62	-22.38	2.12993G	-53.56	2.39952G	-33.82	2.4G	-35.95	2.50286G	-46.87	21.57282G	-43.83	2

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

CSEndB

2412MHz

18/11/2024

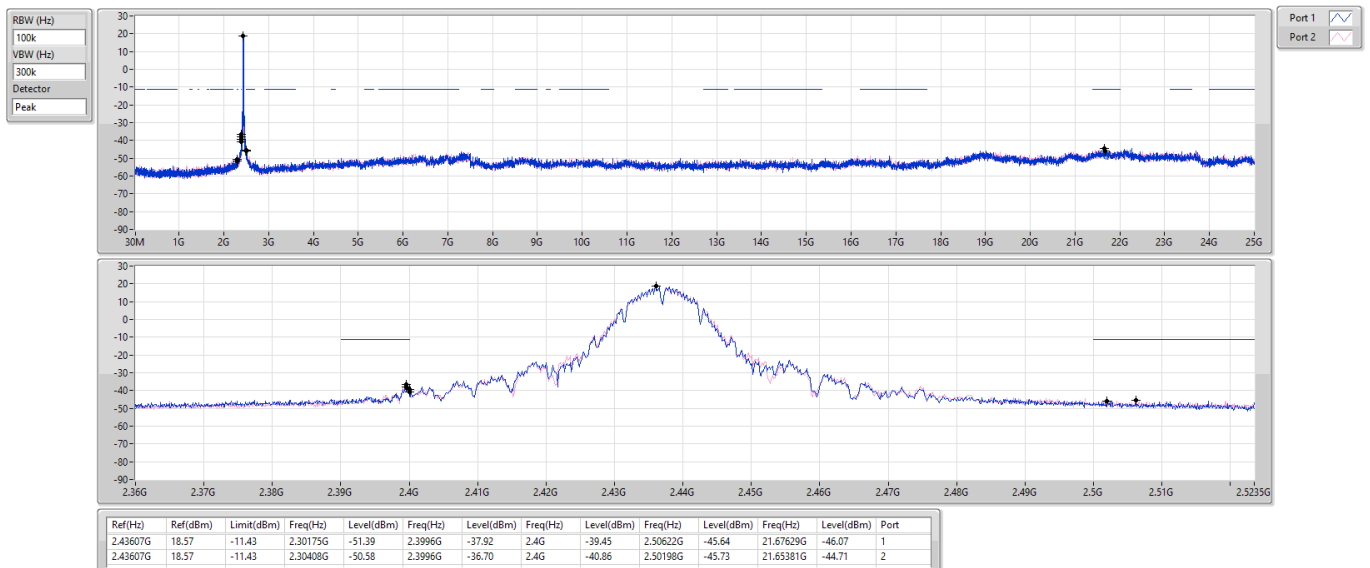


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

18/11/2024

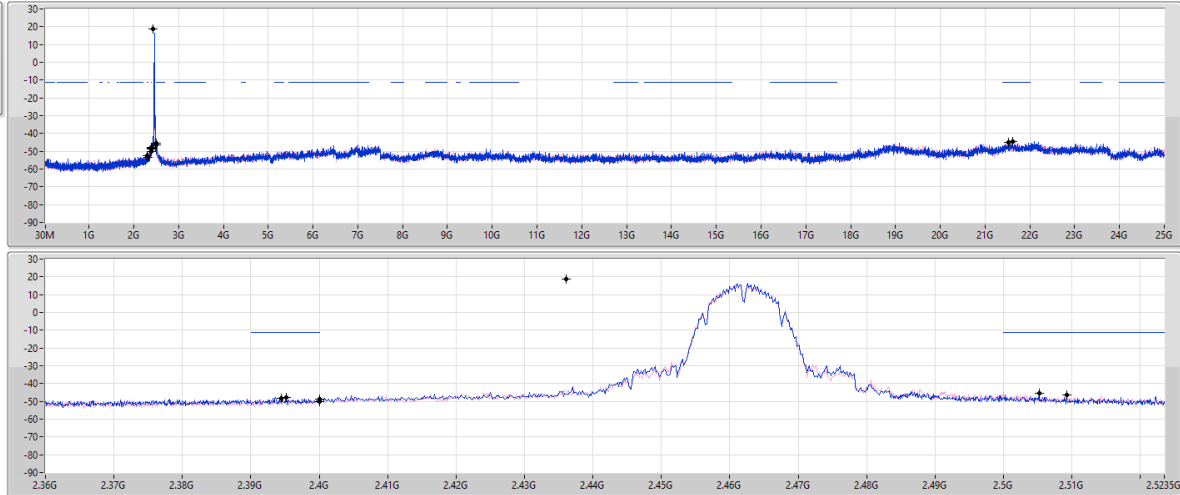


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



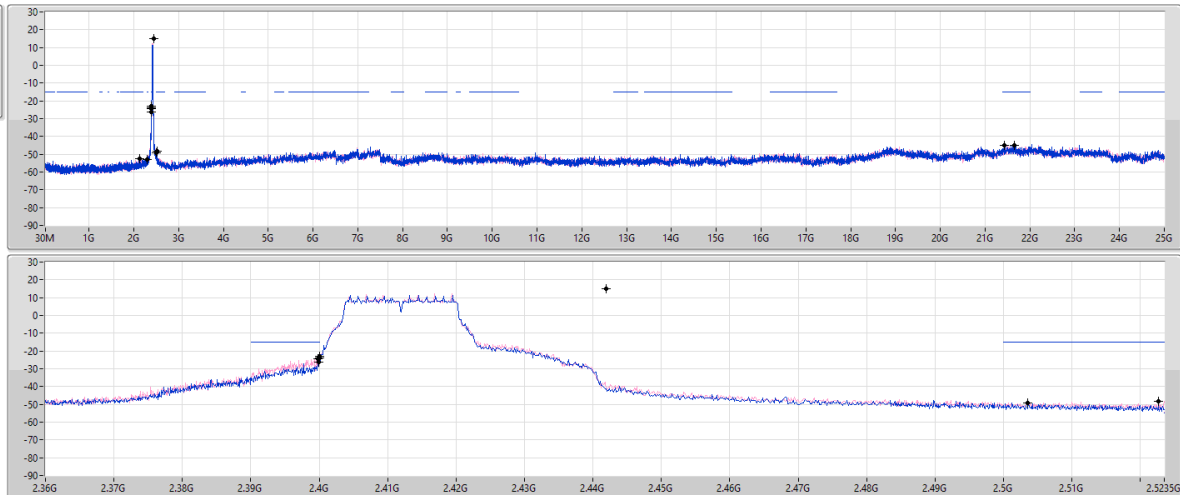
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43607G	18.57	-11.43	2.30292G	-52.57	2.3952G	-47.76	2.4G	-48.80	2.50518G	-45.39	2.53019G	-44.97	1
2.43607G	18.57	-11.43	2.30874G	-53.31	2.3944G	-48.48	2.4G	-50.33	2.50926G	-46.56	2.5201G	-44.53	2

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

CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



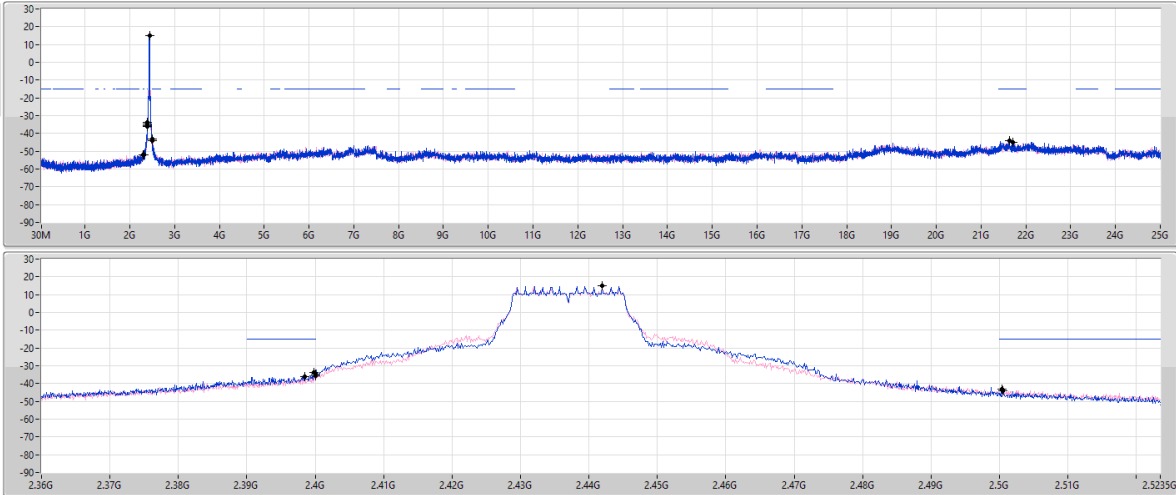
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	15.12	-14.88	2.30758G	-52.81	2.39992G	-26.38	2.4G	-23.84	2.50358G	-49.09	2.53562G	-44.93	1
2.44192G	15.12	-14.88	2.13982G	-52.27	2.39976G	-24.42	2.4G	-22.99	2.5227G	-48.30	2.543747G	-44.91	2

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

CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



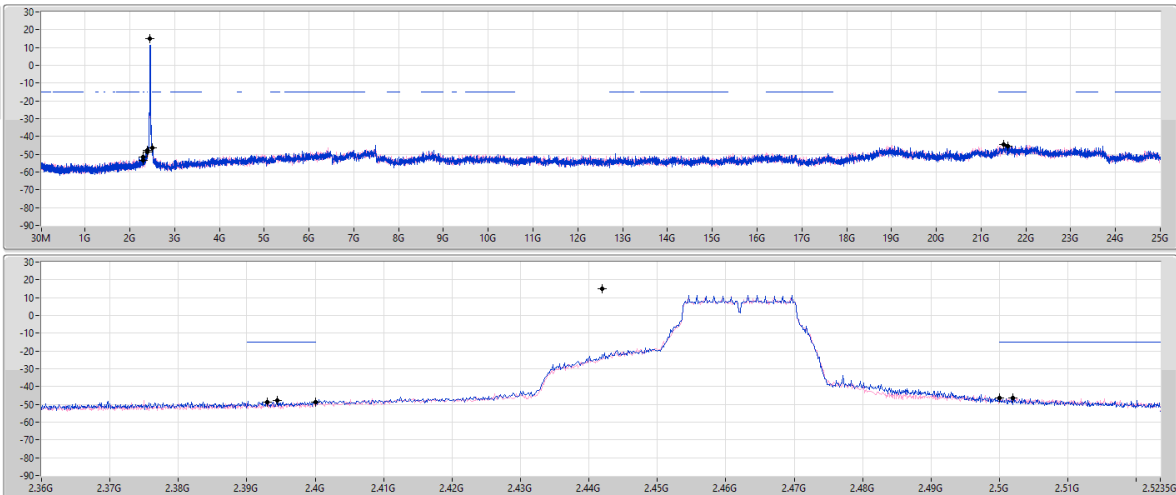
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	15.12	-14.88	2.30525G	-51.84	2.39976G	-33.54	2.4G	-34.78	2.50054G	-44.22	21.62572G	-44.06	1
2.44192G	15.12	-14.88	2.30874G	-51.91	2.39848G	-36.04	2.4G	-35.53	2.50038G	-43.22	21.71G	-45.07	2

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

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



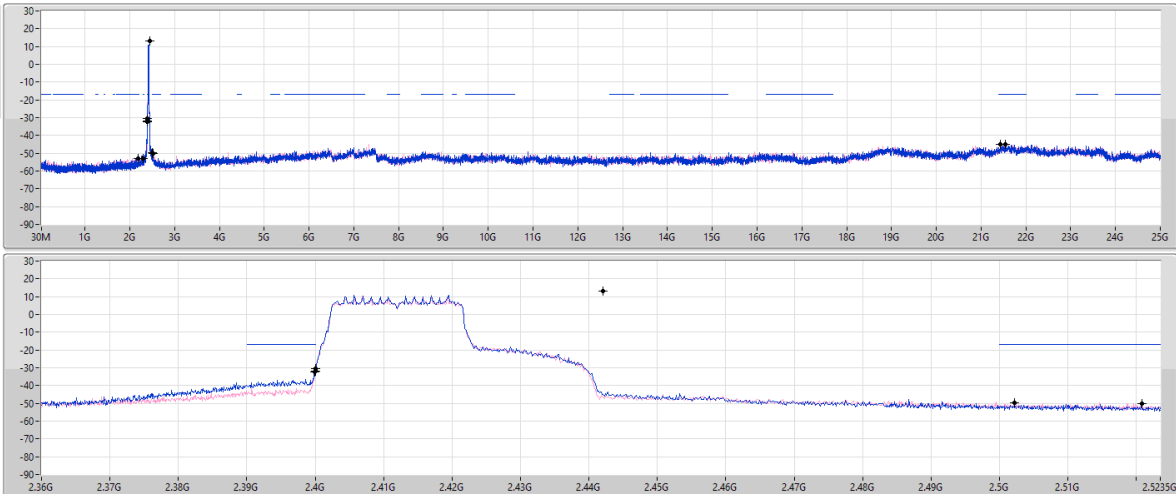
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44192G	15.12	-14.88	2.30525G	-53.38	2.39448G	-47.95	2.4G	-48.69	2.50006G	-46.62	21.51052G	-44.41	1
2.44192G	15.12	-14.88	2.30099G	-51.78	2.39304G	-48.87	2.4G	-48.82	2.5019G	-46.50	21.58919G	-45.51	2

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

CSEndB

2412MHz

18/11/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

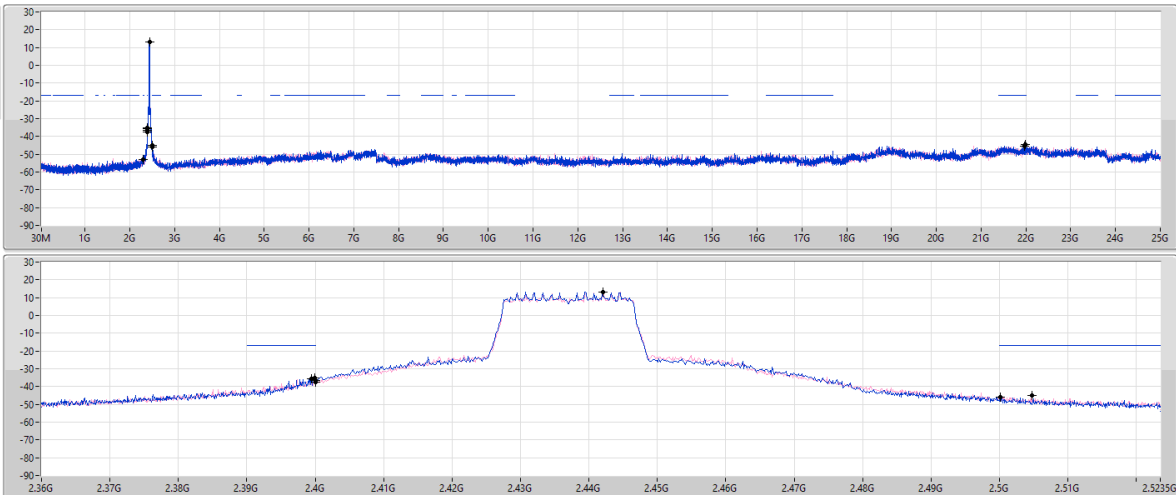
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	13.24	-16.76	2.30525G	-52.93	2.39992G	-32.17	2.4G	-30.31	2.52078G	-50.22	2.143186G	-44.89	1
2.44208G	13.24	-16.76	2.18991G	-53.15	2.4G	-31.87	2.4G	-30.45	2.50222G	-49.74	2.154705G	-45.02	2

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

CSEndB

2437MHz

18/11/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

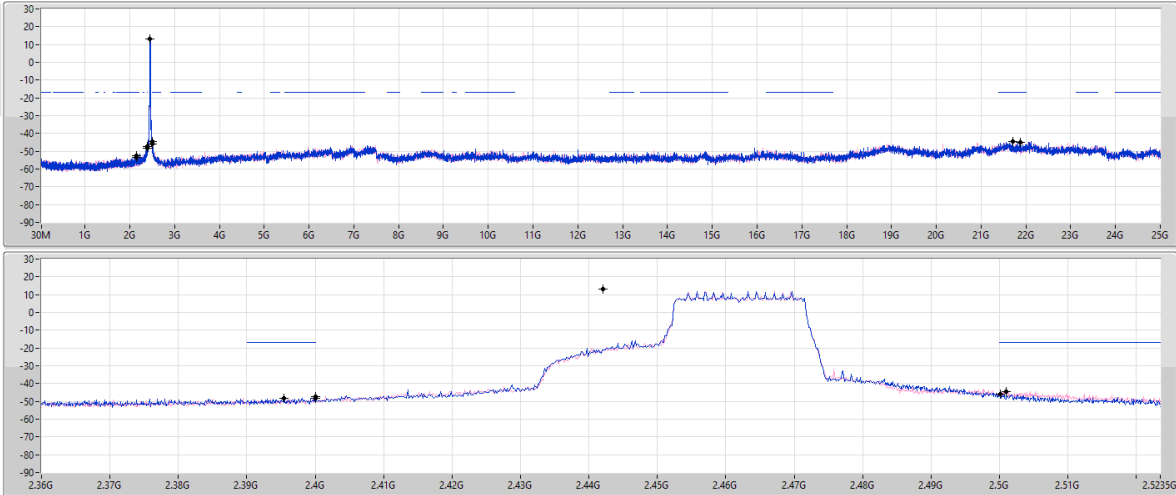
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	13.24	-16.76	2.30292G	-53.00	2.39944G	-35.41	2.4G	-37.39	2.50014G	-46.12	2.199377G	-44.53	1
2.44208G	13.24	-16.76	2.30758G	-52.89	2.39992G	-35.37	2.4G	-36.51	2.5047G	-44.96	2.196848G	-45.62	2

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

CSEndB

2462MHz

18/11/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

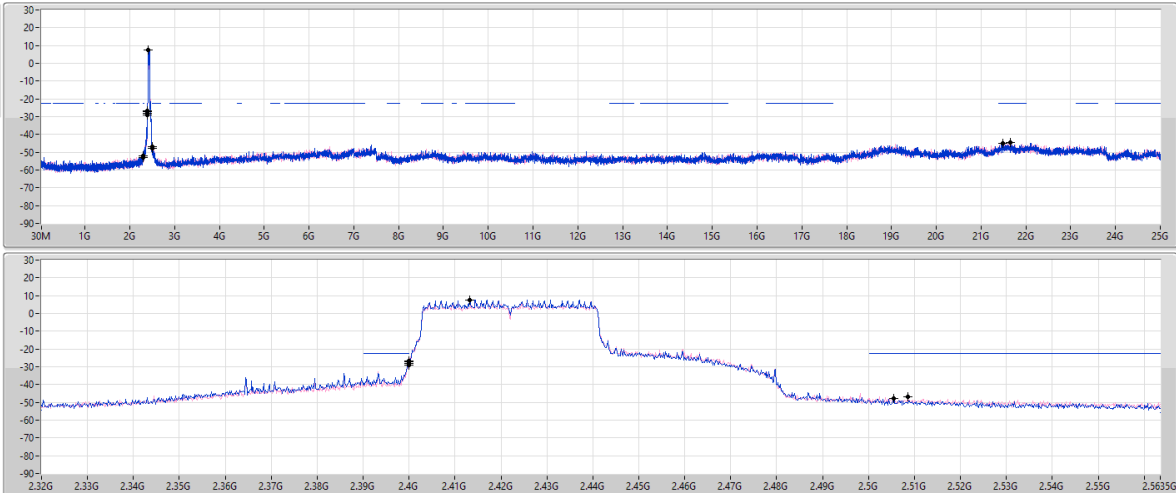
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44208G	13.24	-16.76	2.15613G	-52.67	2.39544G	-48.21	2.4G	-47.29	2.50014G	-46.08	2.171G	-44.73	1
2.44208G	13.24	-16.76	2.15613G	-53.49	2.4G	-48.42	2.4G	-48.27	2.50094G	-44.35	2.188139G	-45.16	2

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

CSEndB

2422MHz

18/11/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2

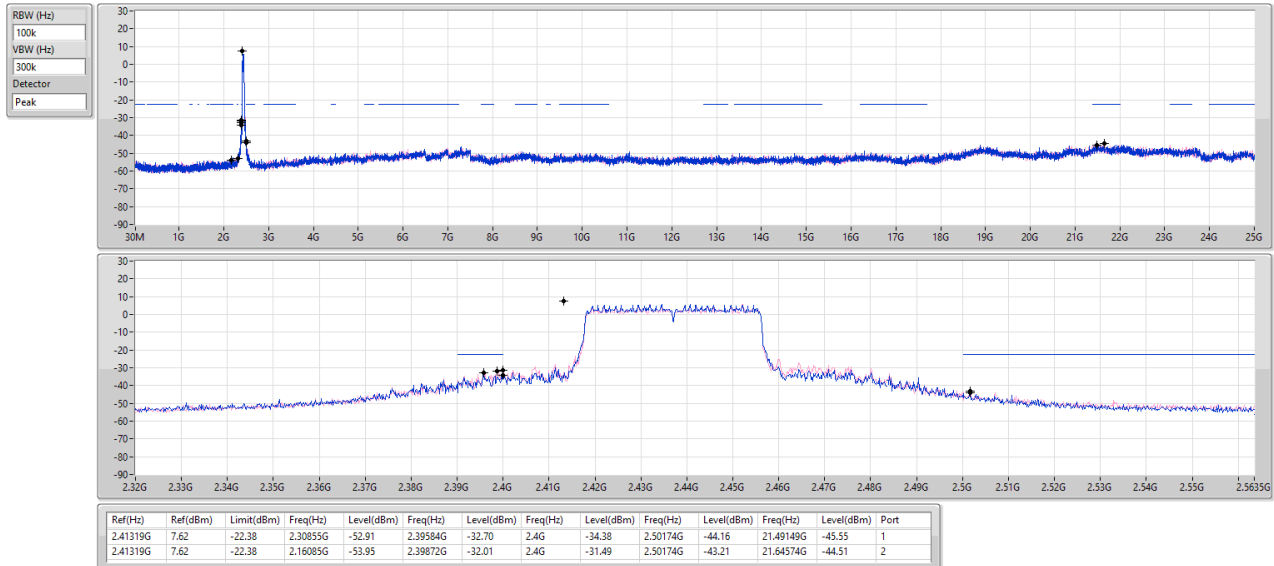
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41319G	7.62	-22.38	2.30283G	-52.11	2.4G	-28.98	2.4G	-27.25	2.50542G	-47.84	2.148588G	-45.19	1
2.41319G	7.62	-22.38	2.30168G	-52.79	2.4G	-28.29	2.4G	-26.69	2.50862G	-47.04	2.166257G	-44.51	2

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

CSEndB

2437MHz

18/11/2024

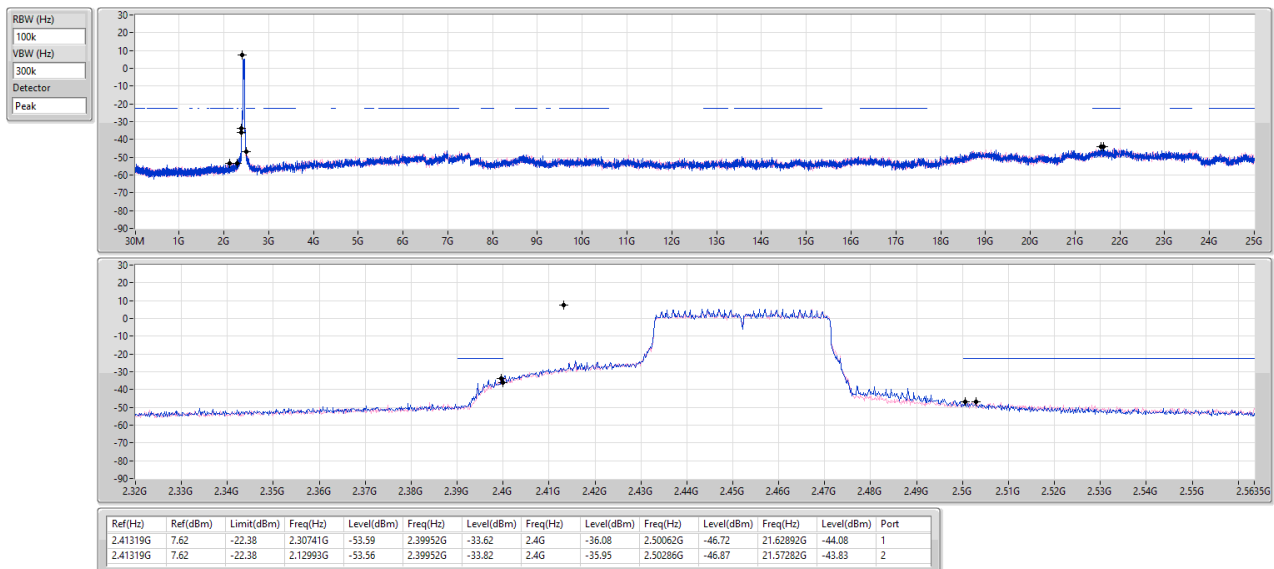


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

CSEndB

2452MHz

18/11/2024





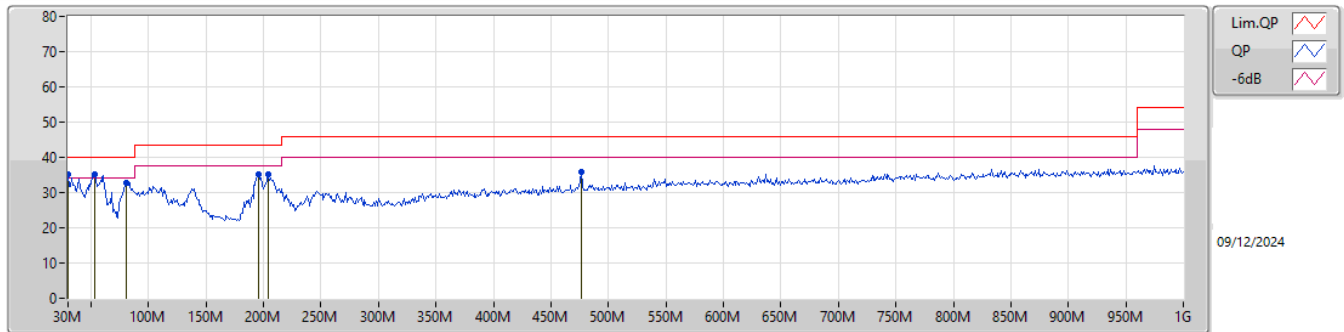
Radiated Emissions below 1GHz

Appendix F.1

Summary

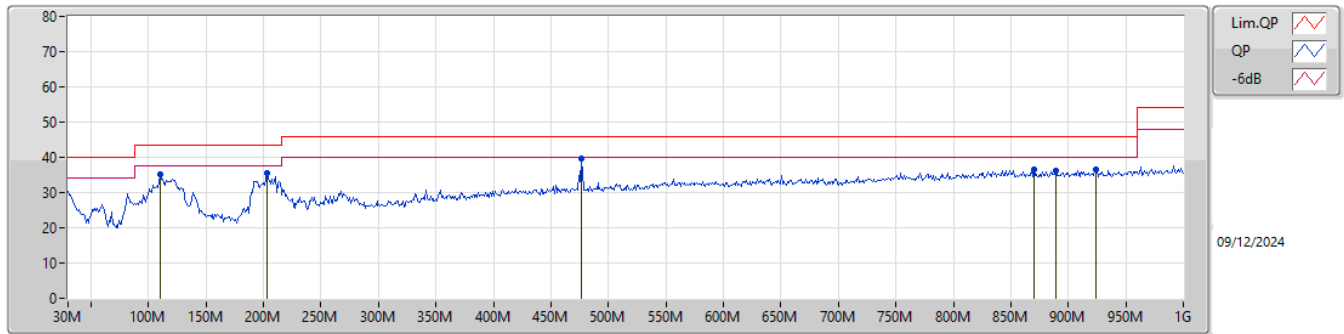
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	30M	35.08	40.00	-4.92	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	30M	35.08	40.00	-4.92	-19.15	3	Vertical	138	1.00	"Worst"	54.23	23.86	1.15	44.16		
PK	53.28M	35.02	40.00	-4.98	-29.71	3	Vertical	327	1.00	-	64.73	13.23	1.51	44.45		
PK	80.44M	32.92	40.00	-7.08	-29.39	3	Vertical	129	1.50	-	62.31	13.35	1.75	44.49		
PK	195.87M	35.06	43.50	-8.44	-26.39	3	Vertical	215	1.00	-	61.45	15.08	2.95	44.42		
PK	203.63M	35.12	43.50	-8.38	-26.23	3	Vertical	209	1.00	-	61.35	15.17	3.01	44.41		
PK	476.2M	35.92	46.00	-10.08	-15.93	3	Vertical	205	1.25	-	51.85	23.21	4.68	43.82		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	110.51M	35.07	43.50	-8.43	-24.44	3	Horizontal	225	3.00	-	59.51	17.87	2.17	44.48		
PK	202.66M	35.55	43.50	-7.95	-26.31	3	Horizontal	209	1.50	-	61.86	15.10	3.00	44.41		
PK	476.2M	39.70	46.00	-6.30	-15.93	3	Horizontal	206	1.25	"Worst"	55.63	23.21	4.68	43.82		
PK	870.02M	36.42	46.00	-9.58	-10.63	3	Horizontal	16	1.25	-	47.05	26.42	6.33	43.38		
PK	889.42M	36.31	46.00	-9.69	-10.49	3	Horizontal	360	1.00	-	46.80	26.48	6.42	43.39		
PK	924.34M	36.53	46.00	-9.47	-10.38	3	Horizontal	319	1.50	-	46.91	26.51	6.53	43.42		

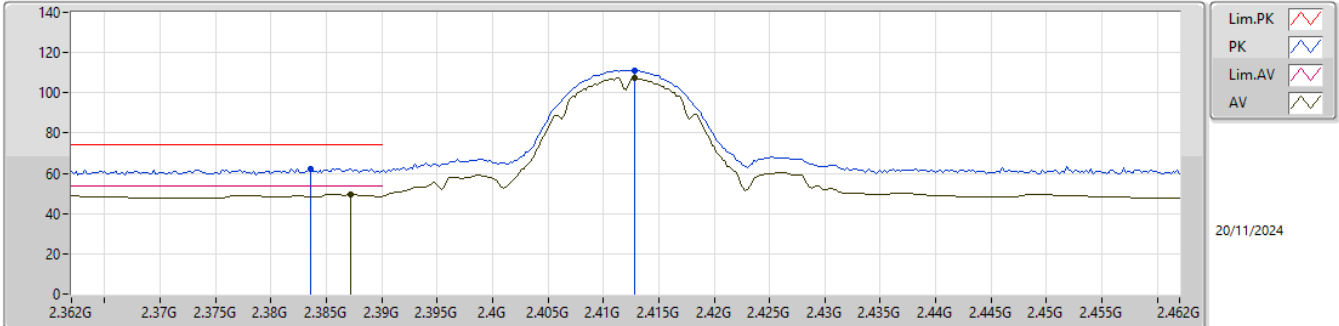


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	52.98	54.00	-1.02	3	Horizontal	190	2.77	-

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

2412MHz_TX

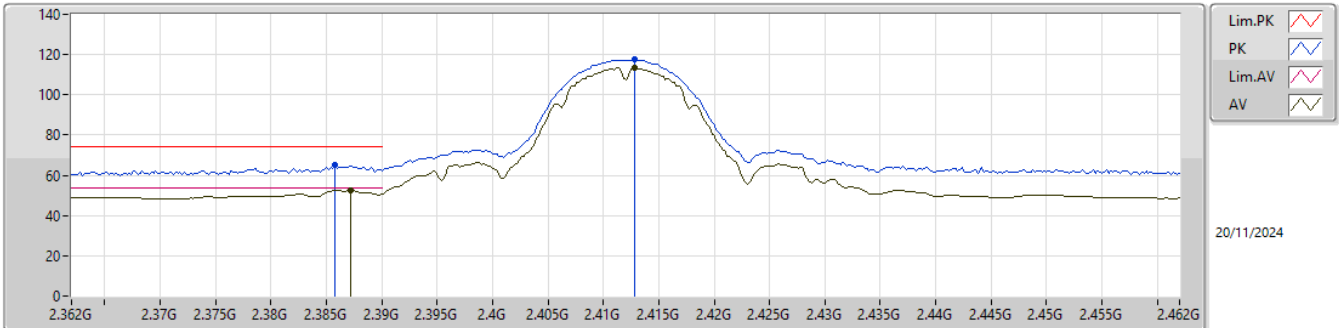


EUT_X_2TX
Setting 84
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3836G	62.20	74.00	-11.80	29.70	3	Vertical	157.1	1.84	-	28.44	4.06	-			
AV	2.3872G	49.53	54.00	-4.47	17.00	3	Vertical	157.1	1.84	-	28.47	4.06	-			
PK	2.4128G	111.21	Inf	-Inf	78.73	3	Vertical	157.1	1.84	-	28.40	4.08	-			
AV	2.4128G	107.44	Inf	-Inf	74.96	3	Vertical	157.1	1.84	-	28.40	4.08	-			

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

2412MHz_TX

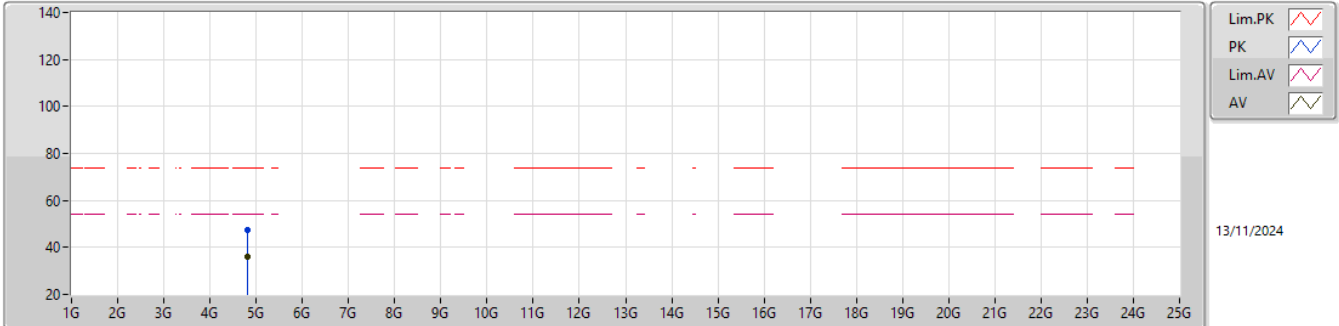


EUT_X_2TX
Setting 84
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3858G	64.99	74.00	-9.01	32.47	3	Horizontal	186	1.83	-	28.46	4.06	-				
AV	2.3872G	52.58	54.00	-1.42	20.05	3	Horizontal	186	1.83	-	28.47	4.06	-				
PK	2.4128G	117.49	Inf	-Inf	85.01	3	Horizontal	186	1.83	-	28.40	4.08	-				
AV	2.4128G	113.43	Inf	-Inf	80.95	3	Horizontal	186	1.83	-	28.40	4.08	-				

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

2412MHz_TX

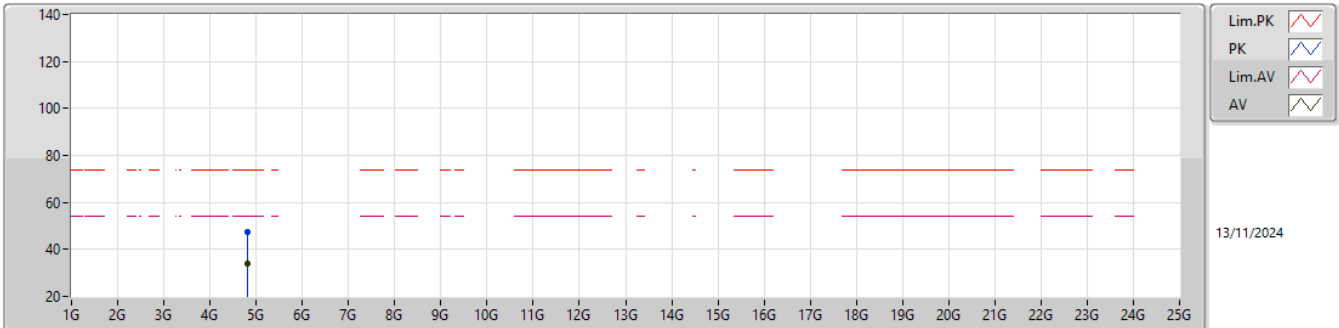


EUT_Y_2TX
SET 88

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.80516G	47.39	74.00	-26.61	41.03	3	Vertical	30	1.16	88	32.52	6.41	32.57			
AV	4.824G	36.15	54.00	-17.85	29.69	3	Vertical	30	1.16	88	32.60	6.43	32.57			

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

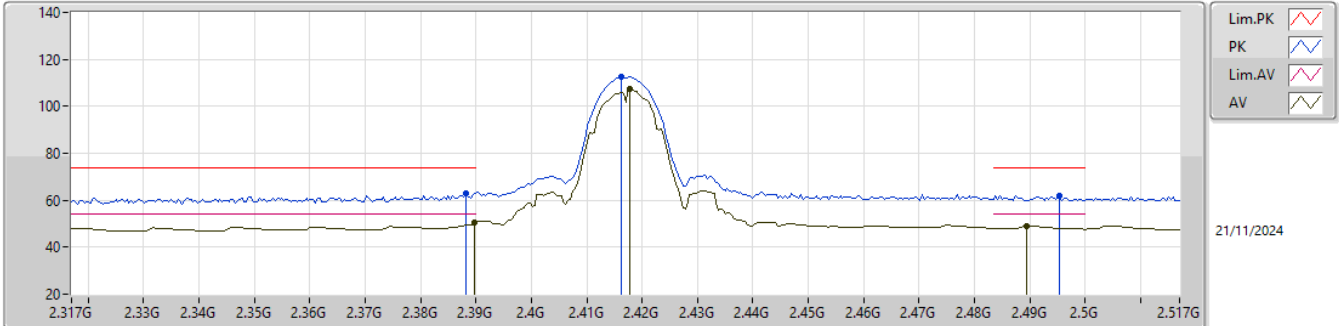
2412MHz_TX

EUT_Y_2TX
SET 88

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.80696G	47.61	74.00	-26.39	41.24	3	Horizontal	174	1.80	88	32.53	6.41	32.57			
AV	4.8058G	33.77	54.00	-20.23	27.41	3	Horizontal	174	1.80	88	32.52	6.41	32.57			

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

2417MHz_TX

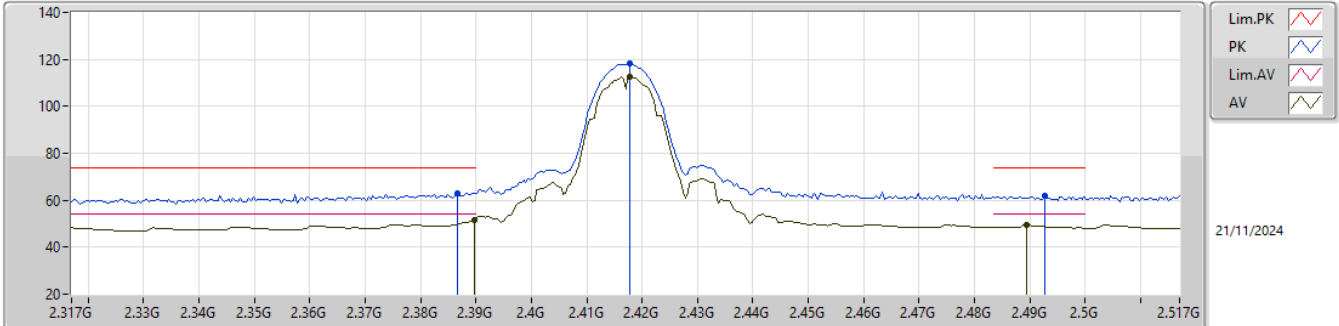


EUT_X_2TX
Setting 86
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3882G	63.09	74.00	-10.91	30.55	3	Vertical	176	1.29	-	28.48	4.06	-			
AV	2.3898G	50.42	54.00	-3.58	17.86	3	Vertical	176	1.29	-	28.50	4.06	-			
PK	2.4162G	112.53	Inf	-Inf	80.05	3	Vertical	176	1.29	-	28.40	4.08	-			
AV	2.4178G	107.23	Inf	-Inf	74.75	3	Vertical	176	1.29	-	28.40	4.08	-			
PK	2.4954G	61.97	74.00	-12.03	29.23	3	Vertical	176	1.29	-	28.60	4.14	-			
AV	2.4894G	49.08	54.00	-4.92	16.34	3	Vertical	176	1.29	-	28.60	4.14	-			

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

2417MHz_TX

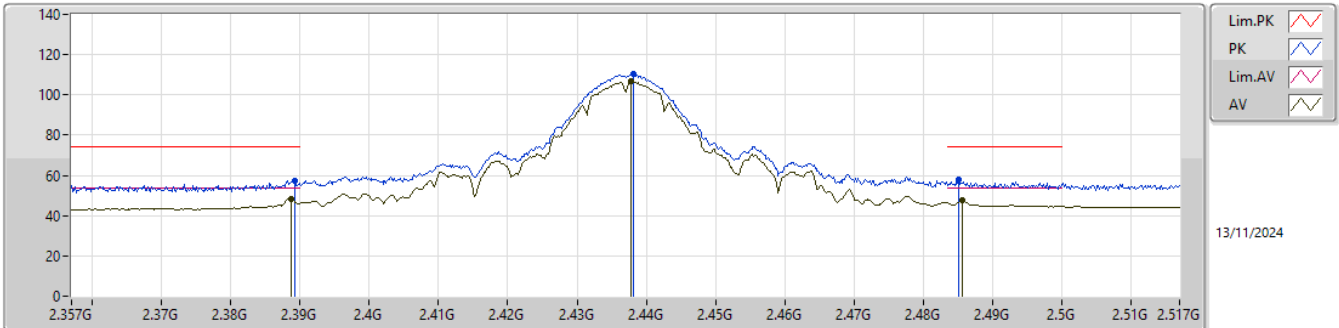


EUT_X_2TX
Setting 86
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3866G	63.08	74.00	-10.92	30.55	3	Horizontal	184	2.04	-	28.47	4.06	-			
AV	2.3898G	51.80	54.00	-2.20	19.24	3	Horizontal	184	2.04	-	28.50	4.06	-			
PK	2.4178G	118.04	Inf	-Inf	85.56	3	Horizontal	184	2.04	-	28.40	4.08	-			
AV	2.4178G	112.70	Inf	-Inf	80.22	3	Horizontal	184	2.04	-	28.40	4.08	-			
PK	2.4926G	62.05	74.00	-11.95	29.31	3	Horizontal	184	2.04	-	28.60	4.14	-			
AV	2.4894G	49.38	54.00	-4.62	16.64	3	Horizontal	184	2.04	-	28.60	4.14	-			

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

2437MHz_TX

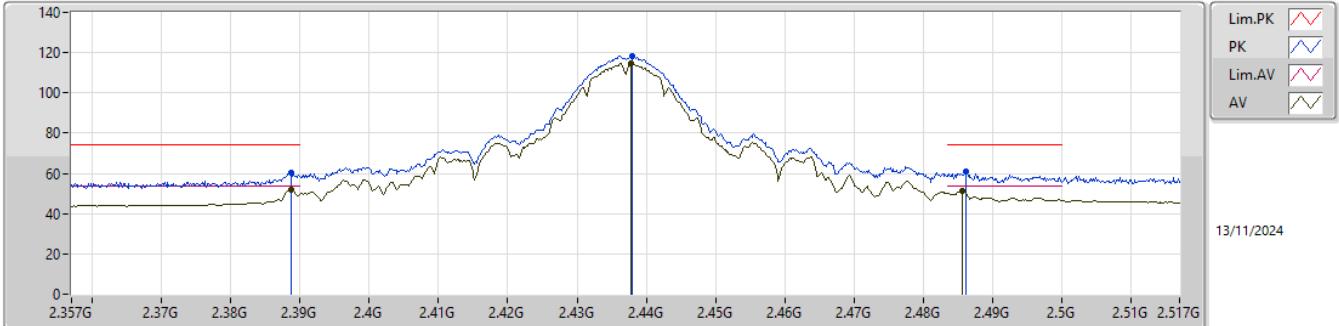


EUT_X_2TX
SET 102
102
5.52

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.38932G	57.59	74.00	-16.41	26.48	3	Vertical	37	1.80	102	27.39	3.72	-			
AV	2.38868G	48.48	54.00	-5.52	17.37	3	Vertical	37	1.80	102	27.39	3.72	-			
PK	2.43812G	110.52	Inf	-Inf	79.18	3	Vertical	37	1.80	102	27.58	3.76	-			
AV	2.4378G	106.65	Inf	-Inf	75.31	3	Vertical	37	1.80	102	27.58	3.76	-			
PK	2.48516G	57.74	74.00	-16.26	26.08	3	Vertical	37	1.80	102	27.85	3.81	-			
AV	2.48564G	47.43	54.00	-6.57	15.76	3	Vertical	37	1.80	102	27.86	3.81	-			

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

2437MHz_TX

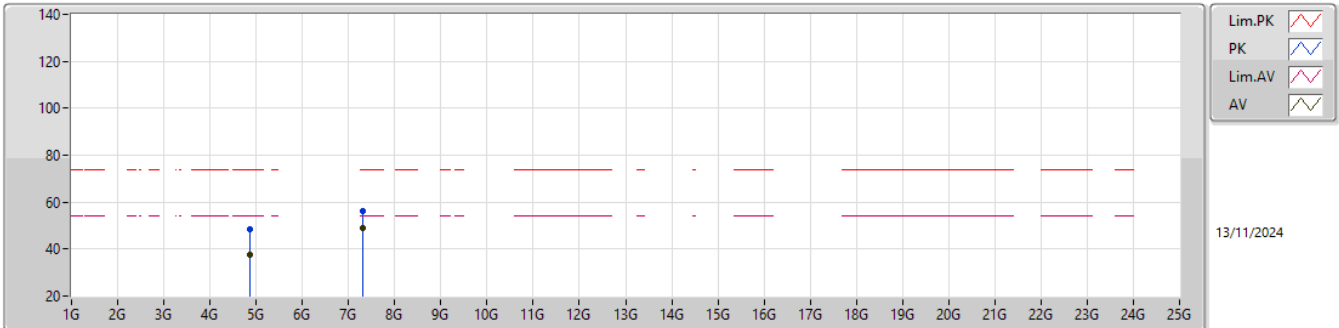


EUT_X_2TX
SET 102
102\105\104\103\102
0.94\0.27\0.34\0.18\1.95

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.38868G	60.35	74.00	-13.65	29.24	3	Horizontal	154	1.81	102	27.39	3.72	-			
AV	2.38868G	52.05	54.00	-1.95	20.94	3	Horizontal	154	1.81	102	27.39	3.72	-			
PK	2.43796G	118.31	Inf	-Inf	86.97	3	Horizontal	154	1.81	102	27.58	3.76	-			
AV	2.4378G	114.41	Inf	-Inf	83.07	3	Horizontal	154	1.81	102	27.58	3.76	-			
PK	2.48612G	61.03	74.00	-12.97	29.36	3	Horizontal	154	1.81	102	27.86	3.81	-			
AV	2.48564G	51.22	54.00	-2.78	19.55	3	Horizontal	154	1.81	102	27.86	3.81	-			

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

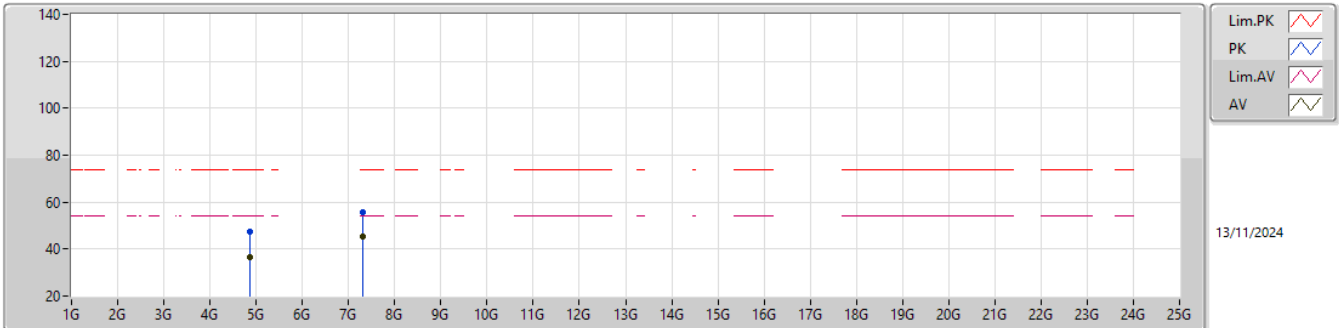
2437MHz_TX


EUT Y_2TX
SET 102

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87392G	48.34	74.00	-25.66	41.61	3	Vertical	303	1.80	95	32.80	6.50	32.57				
AV	4.87396G	37.63	54.00	-16.37	30.90	3	Vertical	303	1.80	95	32.80	6.50	32.57				
PK	7.31044G	55.96	74.00	-18.04	43.10	3	Vertical	158	1.80	95	37.52	7.97	32.63				
AV	7.31184G	48.72	54.00	-5.28	35.86	3	Vertical	158	1.80	95	37.52	7.97	32.63				

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

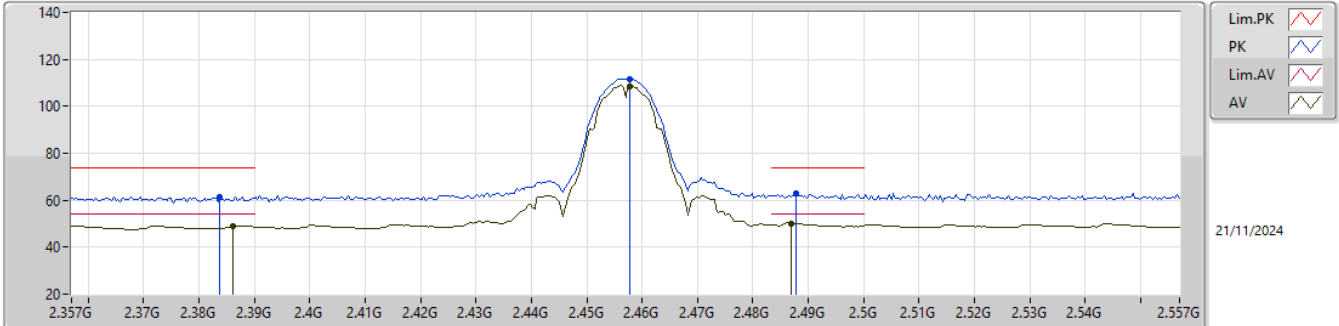
2437MHz_TX

EUT_Y_2TX
SET 102

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87312G	47.61	74.00	-26.39	40.89	3	Horizontal	220	2.38	95	32.79	6.50	32.57				
AV	4.87404G	36.78	54.00	-17.22	30.05	3	Horizontal	220	2.38	95	32.80	6.50	32.57				
PK	7.30992G	55.53	74.00	-18.47	42.67	3	Horizontal	155	1.80	95	37.52	7.97	32.63				
AV	7.31036G	45.18	54.00	-8.82	32.32	3	Horizontal	155	1.80	95	37.52	7.97	32.63				

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

2457MHz_TX

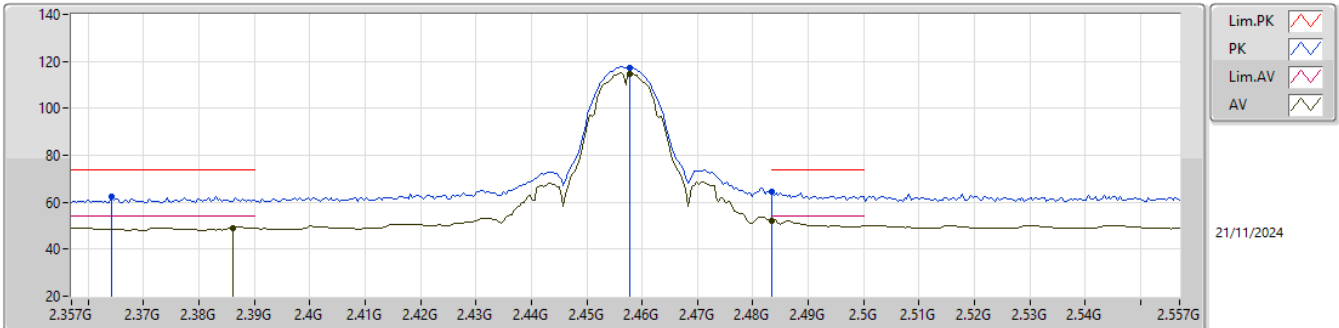


EUT_X_2TX
Setting 86
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3838G	61.19	74.00	-12.81	28.69	3	Vertical	179	1.21	-	28.44	4.06	-			
AV	2.3862G	48.74	54.00	-5.26	16.22	3	Vertical	179	1.21	-	28.46	4.06	-			
PK	2.4578G	111.45	Inf	-Inf	78.92	3	Vertical	179	1.21	-	28.42	4.11	-			
AV	2.4578G	108.63	Inf	-Inf	76.10	3	Vertical	179	1.21	-	28.42	4.11	-			
PK	2.4878G	63.13	74.00	-10.87	30.39	3	Vertical	179	1.21	-	28.60	4.14	-			
AV	2.487G	49.83	54.00	-4.17	17.09	3	Vertical	179	1.21	-	28.60	4.14	-			

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

2457MHz_TX

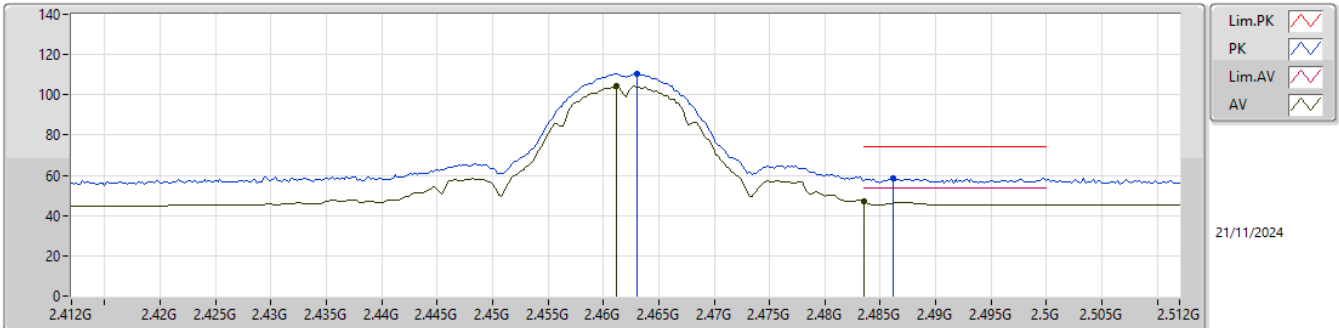


EUT_X_2TX
Setting 86
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3642G	62.22	74.00	-11.78	29.78	3	Horizontal	155	2.95	-	28.40	4.04	-			
AV	2.3862G	49.00	54.00	-5.00	16.48	3	Horizontal	155	2.95	-	28.46	4.06	-			
PK	2.4578G	117.24	Inf	-Inf	84.71	3	Horizontal	155	2.95	-	28.42	4.11	-			
AV	2.4578G	114.65	Inf	-Inf	82.12	3	Horizontal	155	2.95	-	28.42	4.11	-			
PK	2.4835G	64.30	74.00	-9.70	31.57	3	Horizontal	155	2.95	-	28.60	4.13	-			
AV	2.4835G	52.28	54.00	-1.72	19.55	3	Horizontal	155	2.95	-	28.60	4.13	-			

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

2462MHz_TX

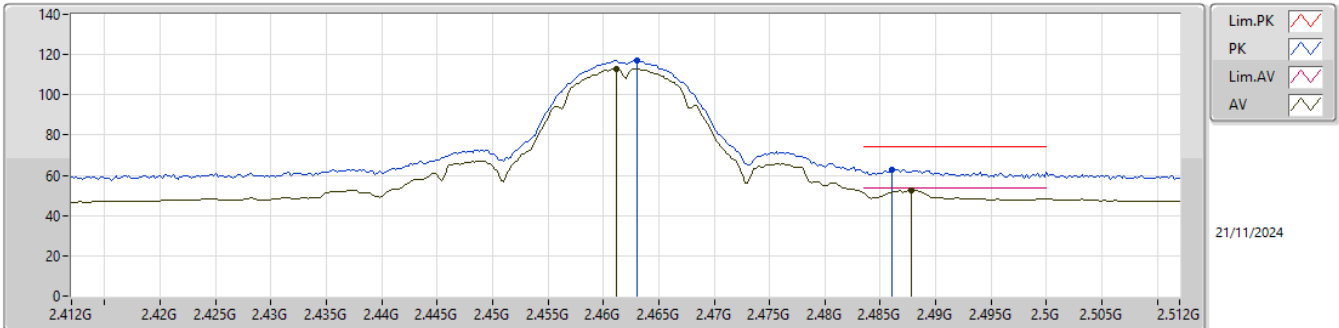


EUT_X_2TX
Setting 86
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.463G	110.59	Inf	-Inf	79.24	3	Vertical	193	1.26	-	27.56	3.79	-				
AV	2.4612G	104.44	Inf	-Inf	73.13	3	Vertical	193	1.26	-	27.52	3.79	-				
PK	2.4862G	58.41	74.00	-15.59	26.74	3	Vertical	193	1.26	-	27.86	3.81	-				
AV	2.4835G	47.13	54.00	-6.87	15.48	3	Vertical	193	1.26	-	27.84	3.81	-				

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

2462MHz_TX

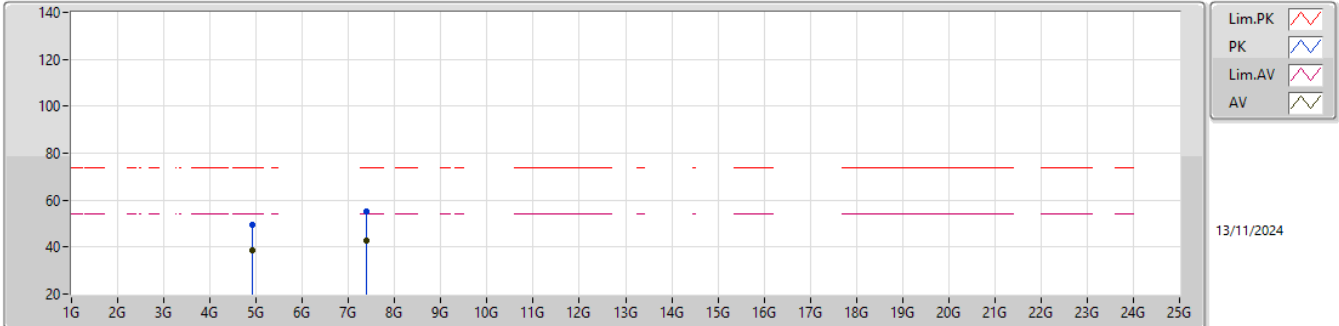


EUT_X_2TX
Setting 86
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.463G	117.09	Inf	-Inf	85.74	3	Horizontal	204	1.00	-	27.56	3.79	-			
AV	2.4612G	113.09	Inf	-Inf	81.78	3	Horizontal	204	1.00	-	27.52	3.79	-			
PK	2.486G	62.96	74.00	-11.04	31.29	3	Horizontal	204	1.00	-	27.86	3.81	-			
AV	2.4878G	52.58	54.00	-1.42	20.88	3	Horizontal	204	1.00	-	27.88	3.82	-			

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

2462MHz_TX

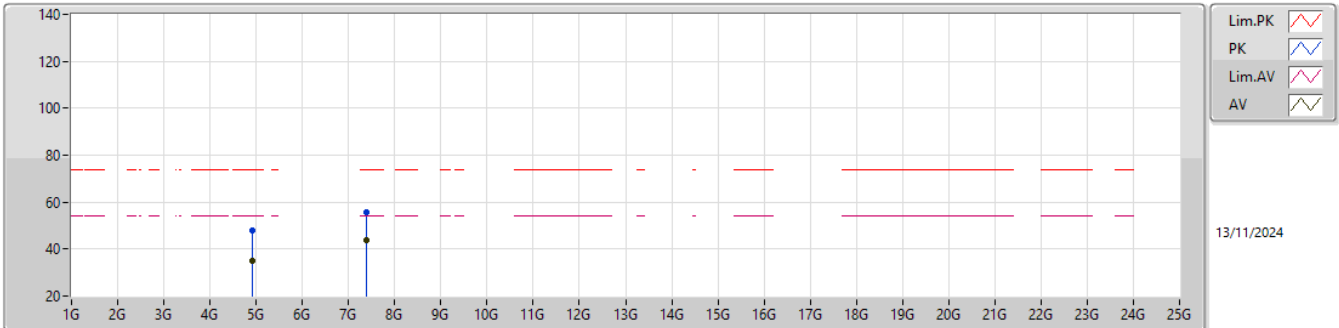


EUT_Y_2TX
SET90

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92416G	49.40	74.00	-24.60	42.46	3	Vertical	310	2.27	90	32.95	6.57	32.58			
AV	4.924G	38.52	54.00	-15.48	31.58	3	Vertical	310	2.27	90	32.95	6.57	32.58			
PK	7.38364G	55.16	74.00	-18.84	42.16	3	Vertical	158	2.29	90	37.60	8.00	32.60			
AV	7.38688G	42.80	54.00	-11.20	29.80	3	Vertical	158	2.29	90	37.60	8.00	32.60			

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

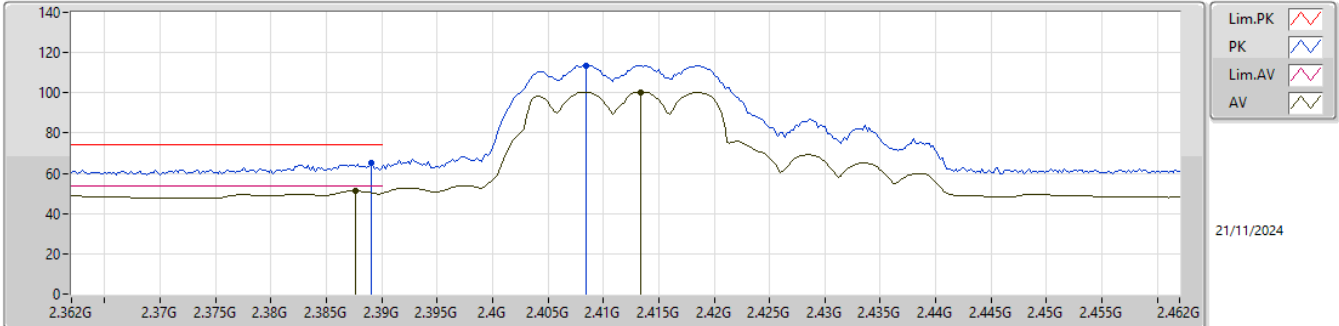
2462MHz_TX

EUT_Y_2TX
SET90

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9084G	47.96	74.00	-26.04	41.07	3	Horizontal	126	1.92	90	32.92	6.55	32.58			
AV	4.92396G	35.15	54.00	-18.85	28.21	3	Horizontal	126	1.92	90	32.95	6.57	32.58			
PK	7.38764G	55.44	74.00	-18.56	42.44	3	Horizontal	155	1.80	90	37.60	8.00	32.60			
AV	7.38676G	43.90	54.00	-10.10	30.90	3	Horizontal	155	1.80	90	37.60	8.00	32.60			

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

2412MHz_TX

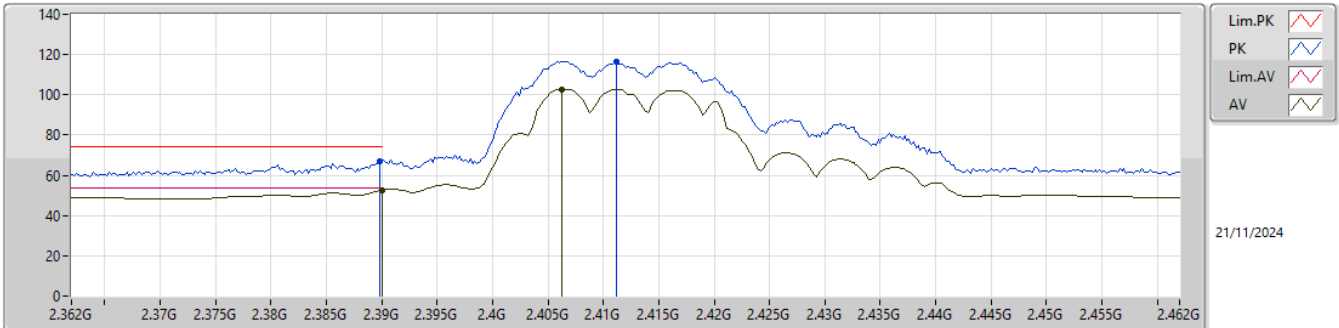


EUT_X_2TX
Setting 84
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.389G	65.27	74.00	-8.73	32.72	3	Vertical	54	2.78	-	28.49	4.06	-				
AV	2.3876G	51.16	54.00	-2.84	18.62	3	Vertical	54	2.78	-	28.48	4.06	-				
PK	2.4084G	113.58	Inf	-Inf	81.08	3	Vertical	54	2.78	-	28.42	4.08	-				
AV	2.4134G	100.40	Inf	-Inf	67.92	3	Vertical	54	2.78	-	28.40	4.08	-				

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

2412MHz_TX

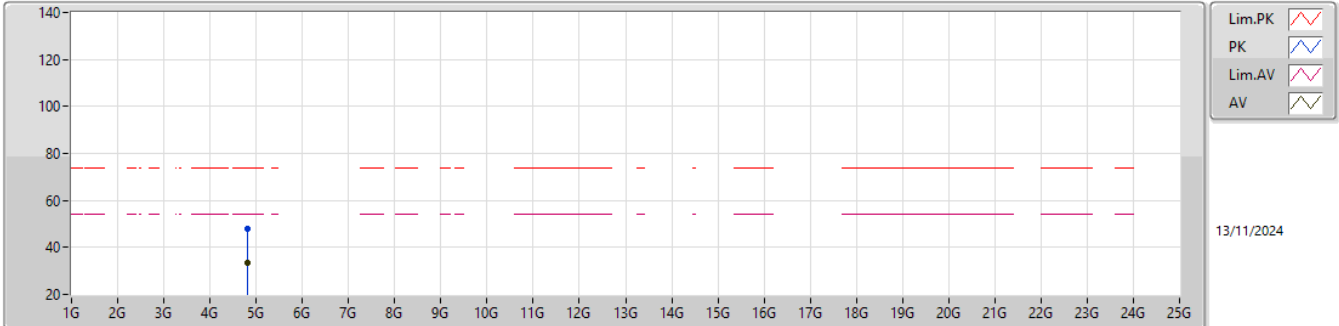


EUT_X_2TX
Setting 84
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	66.70	74.00	-7.30	34.14	3	Horizontal	184.8	1.81	-	28.50	4.06	-			
AV	2.39G	52.56	54.00	-1.44	20.00	3	Horizontal	184.8	1.81	-	28.50	4.06	-			
PK	2.4112G	116.57	Inf	-Inf	84.09	3	Horizontal	184.8	1.81	-	28.40	4.08	-			
AV	2.4062G	102.88	Inf	-Inf	70.37	3	Horizontal	184.8	1.81	-	28.44	4.07	-			

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

2412MHz_TX

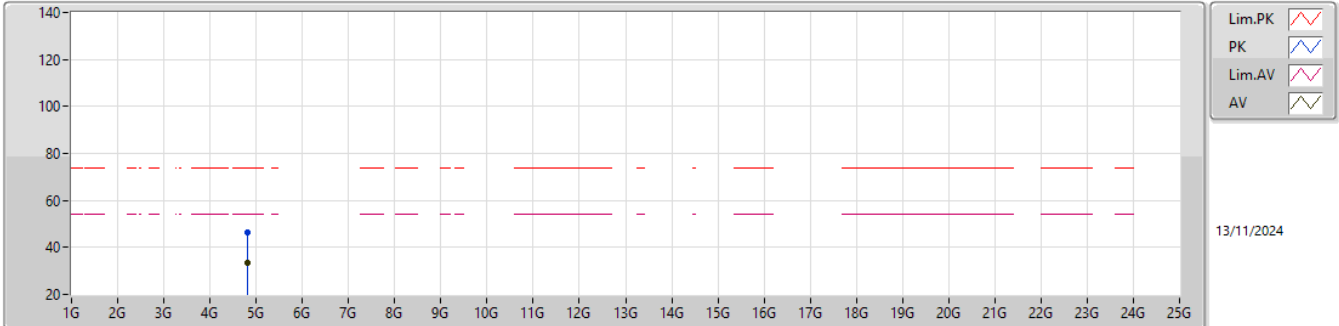


EUT_Y_2TX
SET95

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.8194G	47.88	74.00	-26.12	41.44	3	Vertical	293	1.28	95	32.58	6.43	32.57			
AV	4.80836G	33.42	54.00	-20.58	27.05	3	Vertical	293	1.28	95	32.53	6.41	32.57			

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

2412MHz_TX

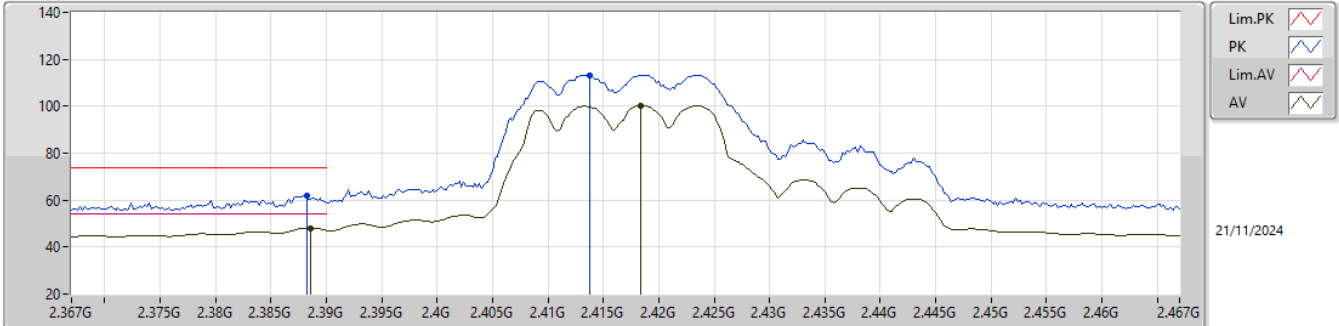


EUT_Y_2TX
SET95

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.80664G	46.44	74.00	-27.56	40.07	3	Horizontal	198	1.80	95	32.53	6.41	32.57			
AV	4.80664G	33.38	54.00	-20.62	27.01	3	Horizontal	198	1.80	95	32.53	6.41	32.57			

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

2417MHz_TX

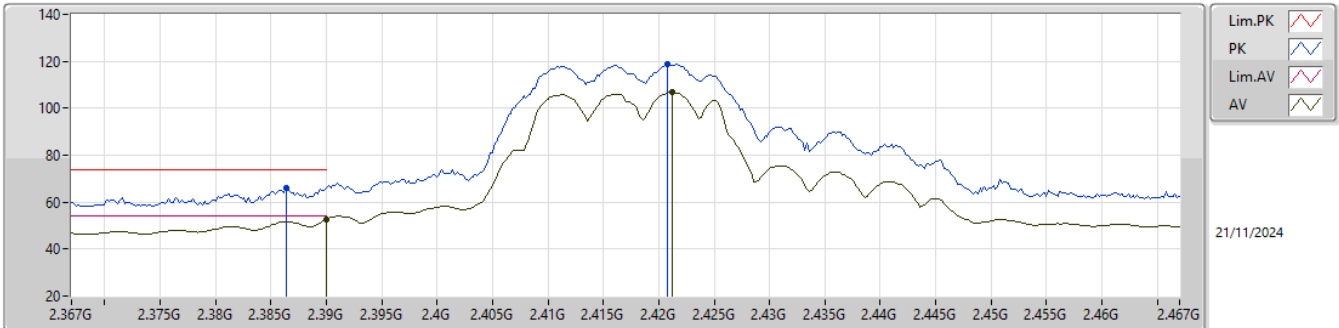


EUT_X_2TX
Setting 93
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3882G	62.08	74.00	-11.92	30.98	3	Vertical	188	1.12	-	27.38	3.72	-			
AV	2.3886G	48.17	54.00	-5.83	17.06	3	Vertical	188	1.12	-	27.39	3.72	-			
PK	2.4138G	113.35	Inf	-Inf	82.15	3	Vertical	188	1.12	-	27.46	3.74	-			
AV	2.4184G	100.26	Inf	-Inf	69.10	3	Vertical	188	1.12	-	27.42	3.74	-			

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

2417MHz_TX

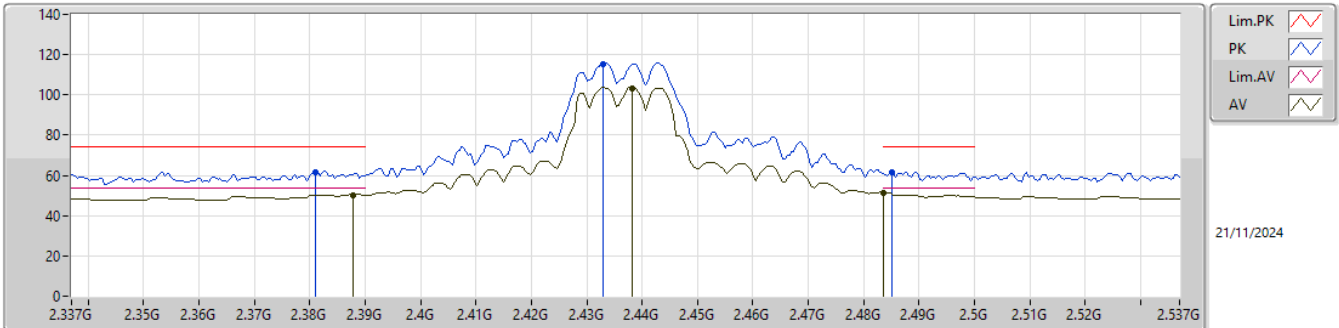


EUT_X_2TX
Setting 93
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3864G	66.18	74.00	-7.82	35.10	3	Horizontal	194	1.17	-	27.36	3.72	-			
AV	2.39G	52.77	54.00	-1.23	21.65	3	Horizontal	194	1.17	-	27.40	3.72	-			
PK	2.4208G	118.96	Inf	-Inf	87.81	3	Horizontal	194	1.17	-	27.41	3.74	-			
AV	2.4212G	106.90	Inf	-Inf	75.75	3	Horizontal	194	1.17	-	27.41	3.74	-			

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

2437MHz_TX

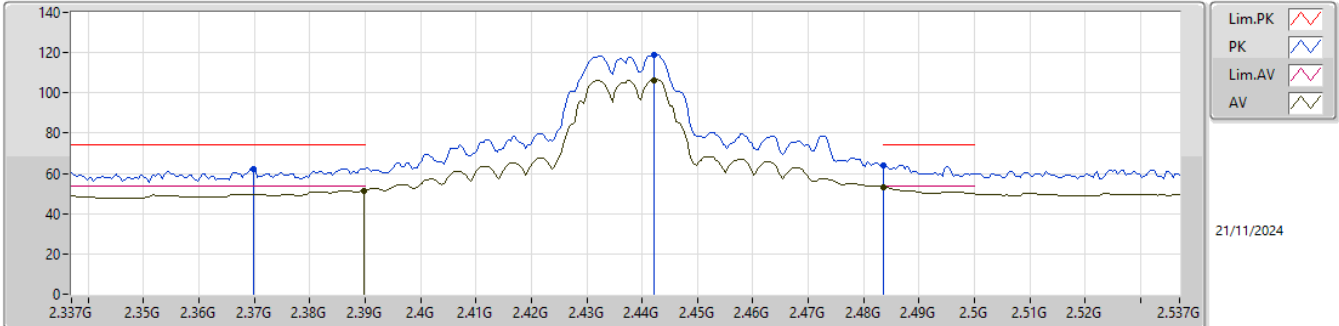


EUT_X_2TX
Setting 100
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.381G	61.65	74.00	-12.35	29.18	3	Vertical	176	1.83	-	28.41	4.06	-			
AV	2.3878G	50.18	54.00	-3.82	17.64	3	Vertical	176	1.83	-	28.48	4.06	-			
PK	2.433G	115.50	Inf	-Inf	82.91	3	Vertical	176	1.83	-	28.50	4.09	-			
AV	2.4382G	103.23	Inf	-Inf	70.63	3	Vertical	176	1.83	-	28.50	4.10	-			
PK	2.485G	61.35	74.00	-12.65	28.62	3	Vertical	176	1.83	-	28.60	4.13	-			
AV	2.4835G	51.24	54.00	-2.76	18.51	3	Vertical	176	1.83	-	28.60	4.13	-			

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

2437MHz_TX

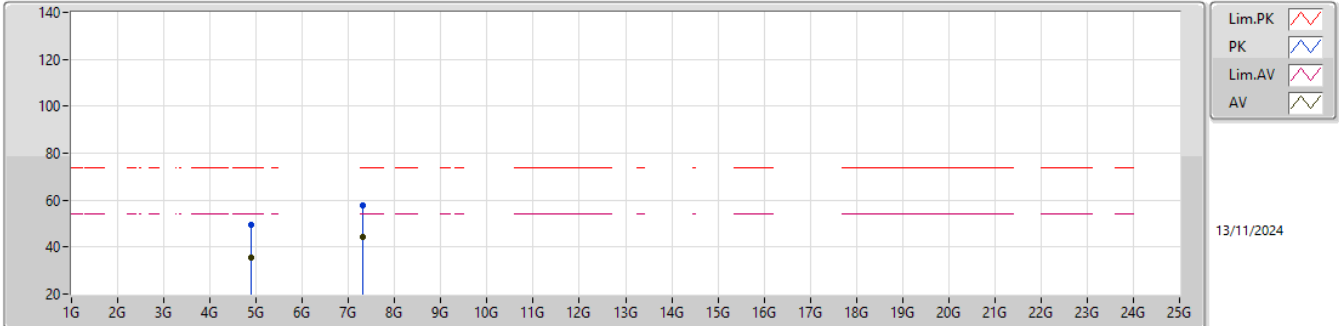


EUT_X_2TX
Setting 100
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3698G	62.22	74.00	-11.78	29.77	3	Horizontal	190	2.77	-	28.40	4.05	-			
AV	2.3898G	51.04	54.00	-2.96	18.48	3	Horizontal	190	2.77	-	28.50	4.06	-			
PK	2.4422G	118.63	Inf	-Inf	86.03	3	Horizontal	190	2.77	-	28.50	4.10	-			
AV	2.4422G	106.41	Inf	-Inf	73.81	3	Horizontal	190	2.77	-	28.50	4.10	-			
PK	2.4835G	63.71	74.00	-10.29	30.98	3	Horizontal	190	2.77	-	28.60	4.13	-			
AV	2.4835G	52.98	54.00	-1.02	20.25	3	Horizontal	190	2.77	-	28.60	4.13	-			

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

2437MHz_TX

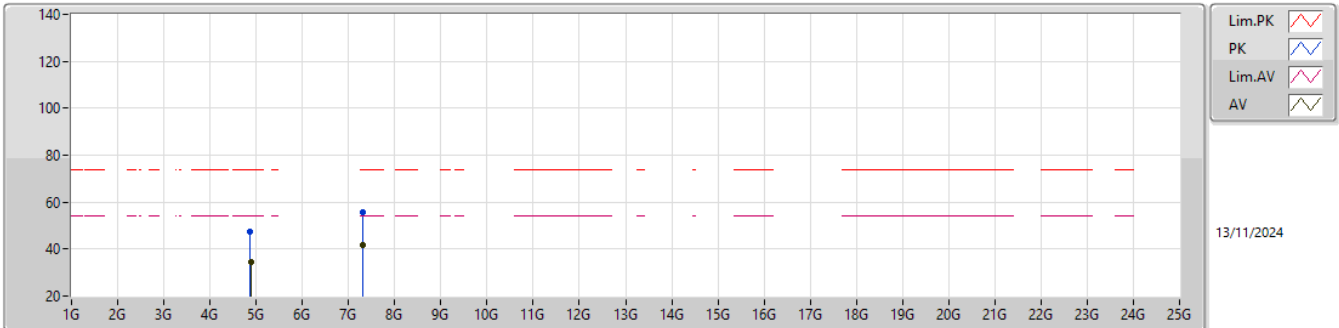


EUT_Y_2TX
SET 105

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.89052G	49.59	74.00	-24.41	42.79	3	Vertical	20	2.78	95	32.86	6.52	32.58			
AV	4.89296G	35.74	54.00	-18.26	28.92	3	Vertical	20	2.78	95	32.87	6.53	32.58			
PK	7.31468G	57.72	74.00	-16.28	44.85	3	Vertical	350	1.80	95	37.53	7.97	32.63			
AV	7.31856G	44.46	54.00	-9.54	31.57	3	Vertical	350	1.80	95	37.54	7.98	32.63			

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

2437MHz_TX

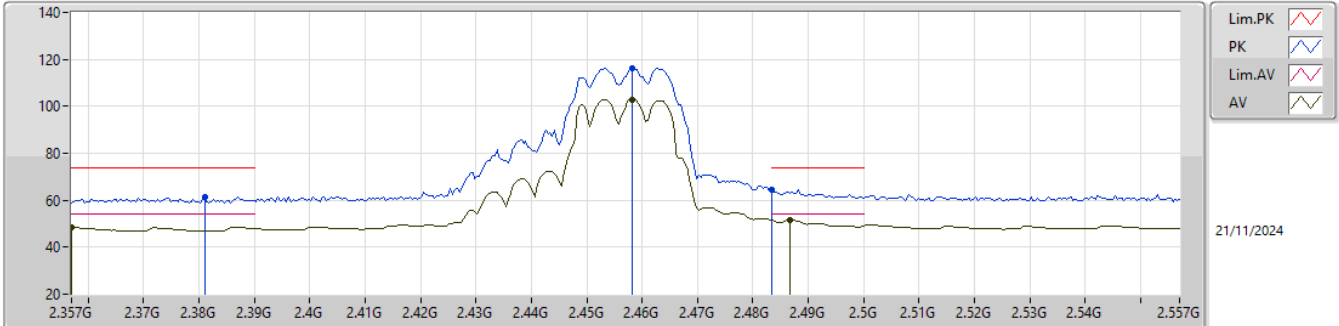


EUT_Y_2TX
SET 105

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.86116G	47.38	74.00	-26.62	40.73	3	Horizontal	255	1.16	95	32.74	6.48	32.57				
AV	4.88512G	34.62	54.00	-19.38	27.85	3	Horizontal	255	1.16	95	32.84	6.51	32.58				
PK	7.31596G	55.61	74.00	-18.39	42.74	3	Horizontal	153	1.80	95	37.53	7.97	32.63				
AV	7.31584G	41.73	54.00	-12.27	28.86	3	Horizontal	153	1.80	95	37.53	7.97	32.63				

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

2457MHz_TX

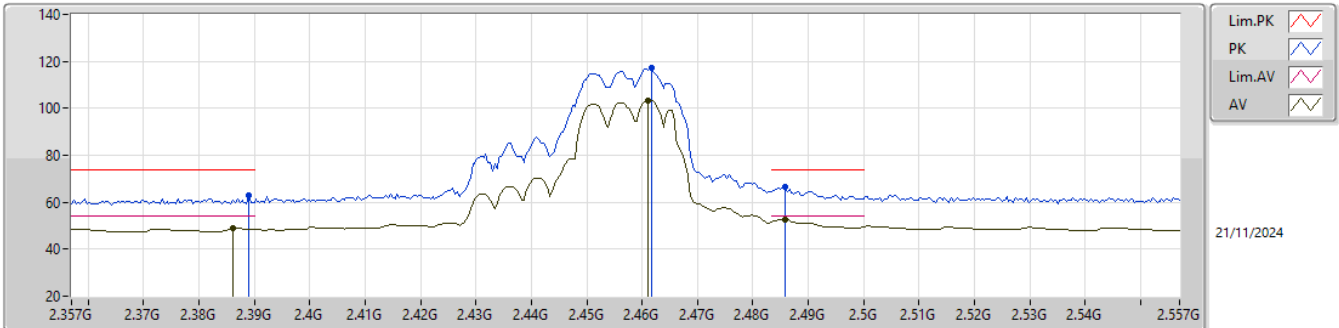


EUT_X_2TX
Setting 89
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.381G	61.16	74.00	-12.84	28.69	3	Vertical	114	3.00	-	28.41	4.06	-			
AV	2.357G	48.37	54.00	-5.63	15.96	3	Vertical	114	3.00	-	28.37	4.04	-			
PK	2.4582G	116.15	Inf	-Inf	83.62	3	Vertical	114	3.00	-	28.42	4.11	-			
AV	2.4582G	102.95	Inf	-Inf	70.42	3	Vertical	114	3.00	-	28.42	4.11	-			
PK	2.4835G	64.63	74.00	-9.37	31.90	3	Vertical	114	3.00	-	28.60	4.13	-			
AV	2.4866G	51.59	54.00	-2.41	18.86	3	Vertical	114	3.00	-	28.60	4.13	-			

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

2457MHz_TX

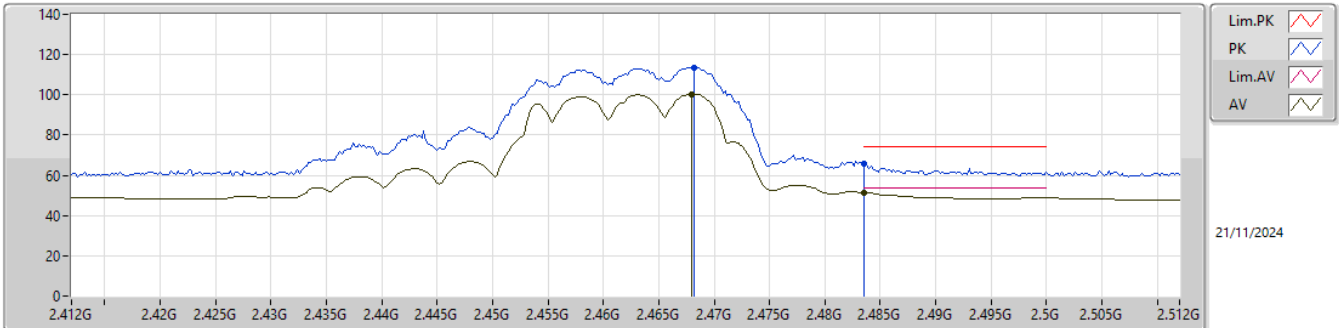


EUT_X_2TX
Setting 89
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.389G	63.17	74.00	-10.83	30.62	3	Horizontal	187	1.59	-	28.49	4.06	-			
AV	2.3862G	48.83	54.00	-5.17	16.31	3	Horizontal	187	1.59	-	28.46	4.06	-			
PK	2.4618G	117.03	Inf	-Inf	84.49	3	Horizontal	187	1.59	-	28.42	4.12	-			
AV	2.461G	103.49	Inf	-Inf	70.96	3	Horizontal	187	1.59	-	28.41	4.12	-			
PK	2.4858G	66.53	74.00	-7.47	33.80	3	Horizontal	187	1.59	-	28.60	4.13	-			
AV	2.4858G	52.80	54.00	-1.20	20.07	3	Horizontal	187	1.59	-	28.60	4.13	-			

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

2462MHz_TX

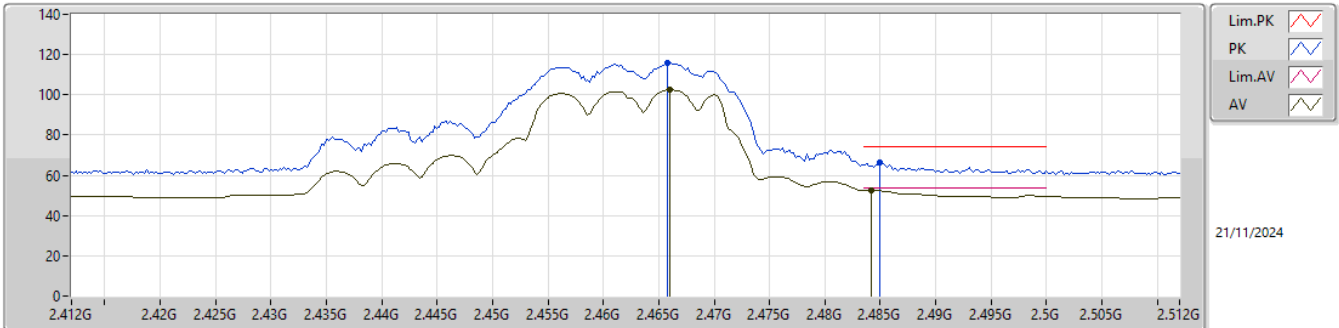


EUT_X_2TX
Setting 86
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4682G	113.68	Inf	-Inf	81.08	3	Vertical	178	1.43	-	28.48	4.12	-			
AV	2.468G	100.32	Inf	-Inf	67.72	3	Vertical	178	1.43	-	28.48	4.12	-			
PK	2.4835G	65.63	74.00	-8.37	32.90	3	Vertical	178	1.43	-	28.60	4.13	-			
AV	2.4835G	51.47	54.00	-2.53	18.74	3	Vertical	178	1.43	-	28.60	4.13	-			

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

2462MHz_TX

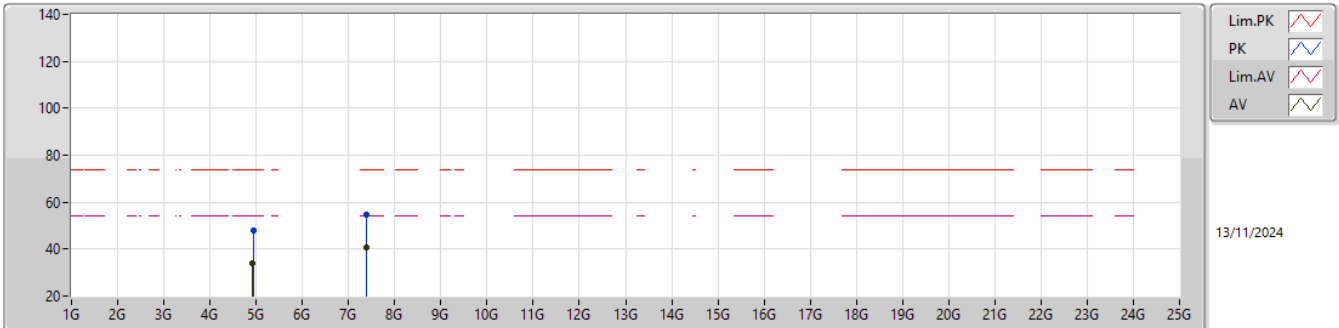


EUT_X_2TX
Setting 86
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4658G	115.69	Inf	-Inf	83.11	3	Horizontal	183	1.38	-	28.46	4.12	-				
AV	2.466G	102.41	Inf	-Inf	69.83	3	Horizontal	183	1.38	-	28.46	4.12	-				
PK	2.485G	66.53	74.00	-7.47	33.80	3	Horizontal	183	1.38	-	28.60	4.13	-				
AV	2.4842G	52.51	54.00	-1.49	19.78	3	Horizontal	183	1.38	-	28.60	4.13	-				

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

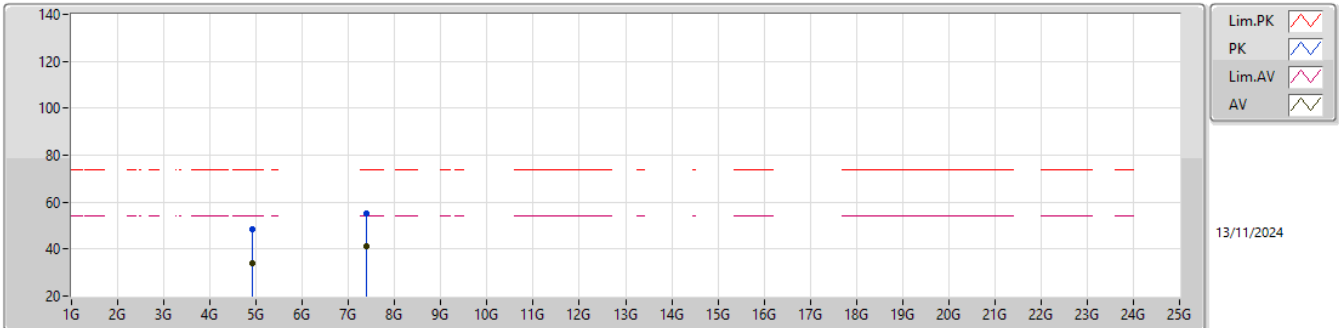
2462MHz_TX

EUT_Y_2TX
SET93

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.94168G	47.86	74.00	-26.14	40.87	3	Vertical	300	1.11	93	32.98	6.59	32.58				
AV	4.91004G	34.04	54.00	-19.96	27.15	3	Vertical	300	1.11	93	32.92	6.55	32.58				
PK	7.38176G	54.60	74.00	-19.40	41.61	3	Vertical	110	1.80	93	37.60	7.99	32.60				
AV	7.3976G	40.85	54.00	-13.15	27.85	3	Vertical	110	1.80	93	37.60	8.00	32.60				

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

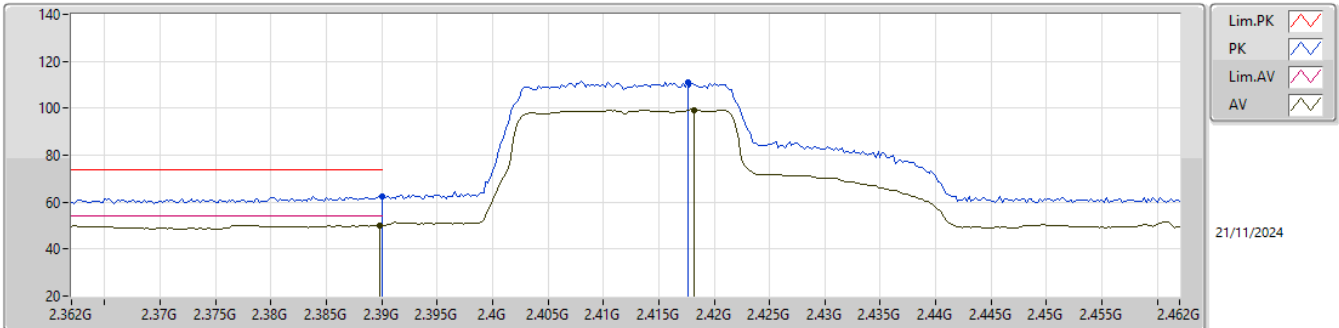
2462MHz_TX

EUT_Y_2TX
SET93

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.91736G	48.27	74.00	-25.73	41.36	3	Horizontal	172	1.41	93	32.93	6.56	32.58			
AV	4.90564G	33.99	54.00	-20.01	27.12	3	Horizontal	172	1.41	93	32.91	6.54	32.58			
PK	7.3904G	55.07	74.00	-18.93	42.07	3	Horizontal	156	1.80	93	37.60	8.00	32.60			
AV	7.39116G	41.12	54.00	-12.88	28.12	3	Horizontal	156	1.80	93	37.60	8.00	32.60			

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

2412MHz_TX

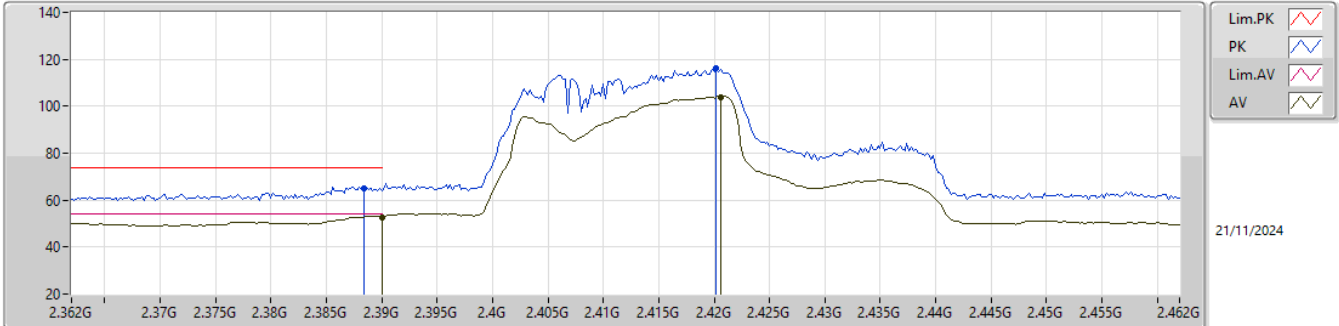


EUT_X_2TX
Setting 72
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	62.67	74.00	-11.33	30.11	3	Vertical	46	2.79	-	28.50	4.06	-			
AV	2.3898G	49.79	54.00	-4.21	17.23	3	Vertical	46	2.79	-	28.50	4.06	-			
PK	2.4176G	111.26	Inf	-Inf	78.78	3	Vertical	46	2.79	-	28.40	4.08	-			
AV	2.4182G	99.00	Inf	-Inf	66.52	3	Vertical	46	2.79	-	28.40	4.08	-			

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

2412MHz_TX

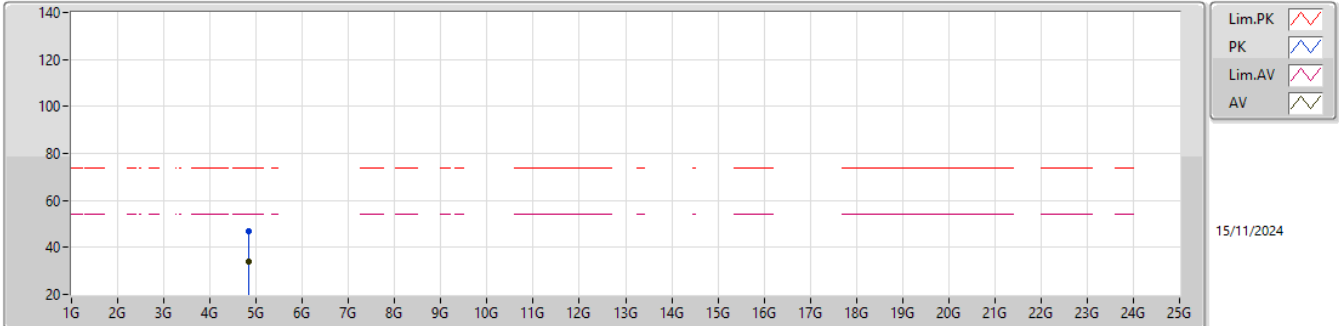


EUT_X_2TX
Setting 72
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3884G	65.07	74.00	-8.93	32.53	3	Horizontal	179.1	1.80	-	28.48	4.06	-			
AV	2.39G	52.72	54.00	-1.28	20.16	3	Horizontal	179.1	1.80	-	28.50	4.06	-			
PK	2.4202G	116.16	Inf	-Inf	83.67	3	Horizontal	179.1	1.80	-	28.40	4.09	-			
AV	2.4206G	103.78	Inf	-Inf	71.28	3	Horizontal	179.1	1.80	-	28.41	4.09	-			

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

2412MHz_TX

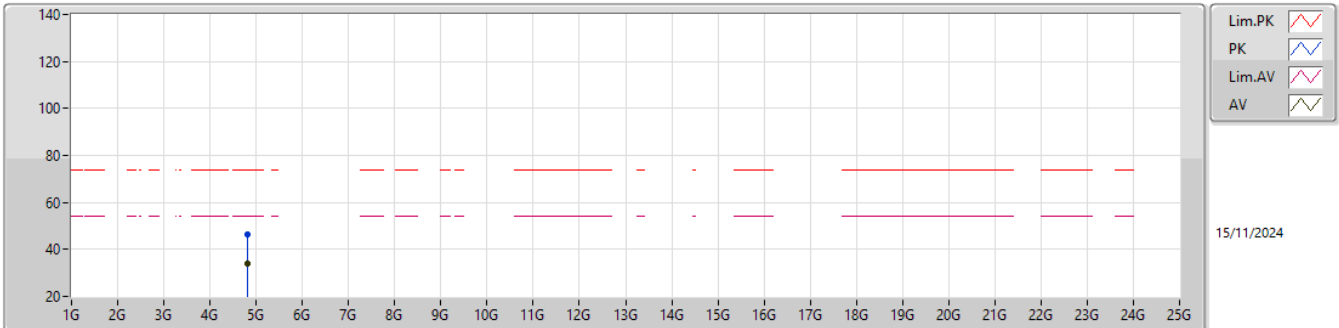


EUT_Y_2TX
Setting 90
01-C-V-1

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.83564G	46.90	74.00	-27.10	40.38	3	Vertical	131	2.92	-	32.64	6.45	32.57			
AV	4.83186G	33.84	54.00	-20.16	27.34	3	Vertical	131	2.92	-	32.63	6.44	32.57			

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

2412MHz_TX

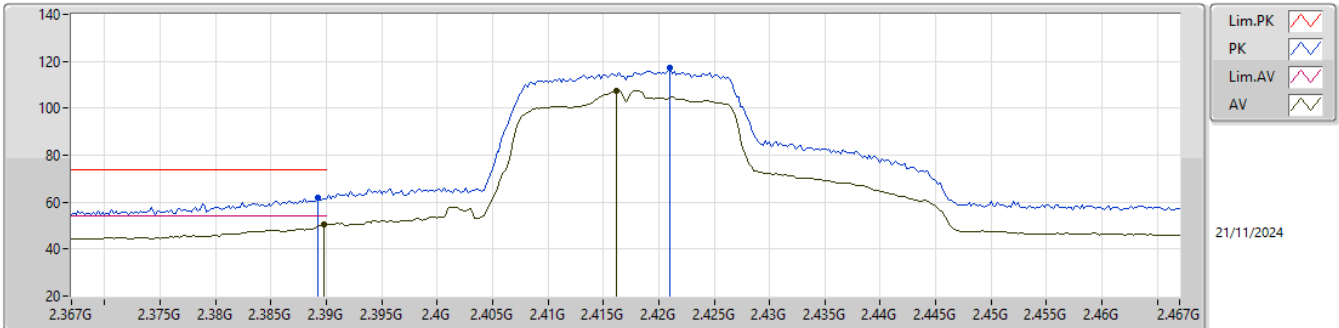


EUT_Y_2TX
Setting 90
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.81932G	46.58	74.00	-27.42	40.14	3	Horizontal	268	1.80	-	32.58	6.43	32.57			
AV	4.82376G	33.94	54.00	-20.06	27.48	3	Horizontal	268	1.80	-	32.60	6.43	32.57			

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

2417MHz_TX

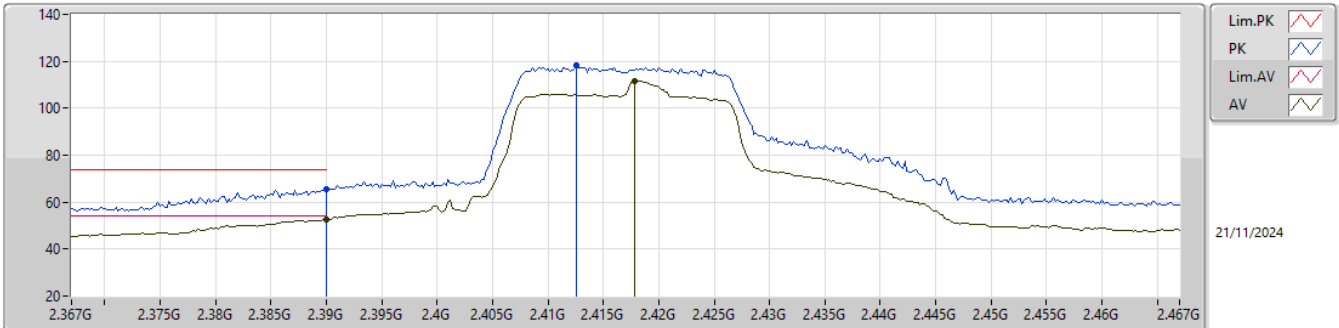


EUT_X_2TX
Setting 88
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3892G	61.98	74.00	-12.02	30.87	3	Vertical	195	1.03	-	27.39	3.72	-			
AV	2.3898G	50.30	54.00	-3.70	19.18	3	Vertical	195	1.03	-	27.40	3.72	-			
PK	2.421G	117.22	Inf	-Inf	86.07	3	Vertical	195	1.03	-	27.41	3.74	-			
AV	2.4162G	107.46	Inf	-Inf	76.28	3	Vertical	195	1.03	-	27.44	3.74	-			

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

2417MHz_TX

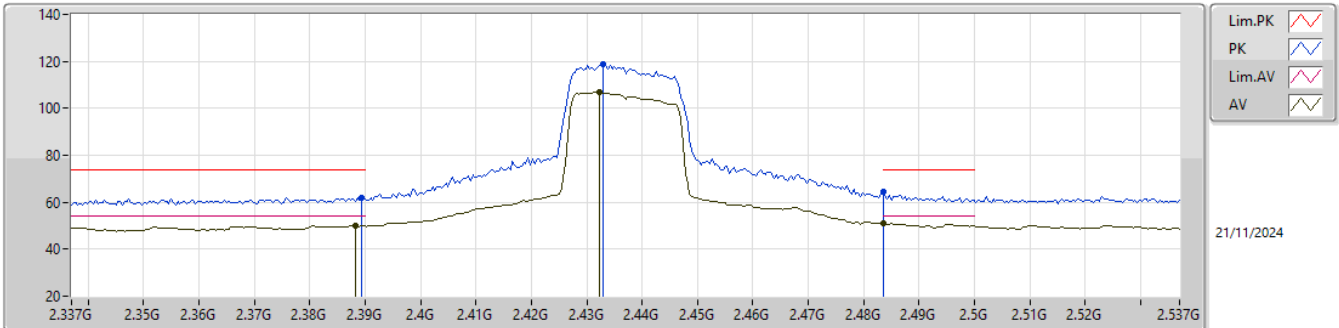


EUT_X_2TX
Setting 88
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	65.61	74.00	-8.39	34.49	3	Horizontal	143	1.11	-	27.40	3.72	-			
AV	2.39G	52.84	54.00	-1.16	21.72	3	Horizontal	143	1.11	-	27.40	3.72	-			
PK	2.4126G	118.20	Inf	-Inf	87.00	3	Horizontal	143	1.11	-	27.47	3.73	-			
AV	2.4178G	111.78	Inf	-Inf	80.62	3	Horizontal	143	1.11	-	27.42	3.74	-			

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

2437MHz_TX

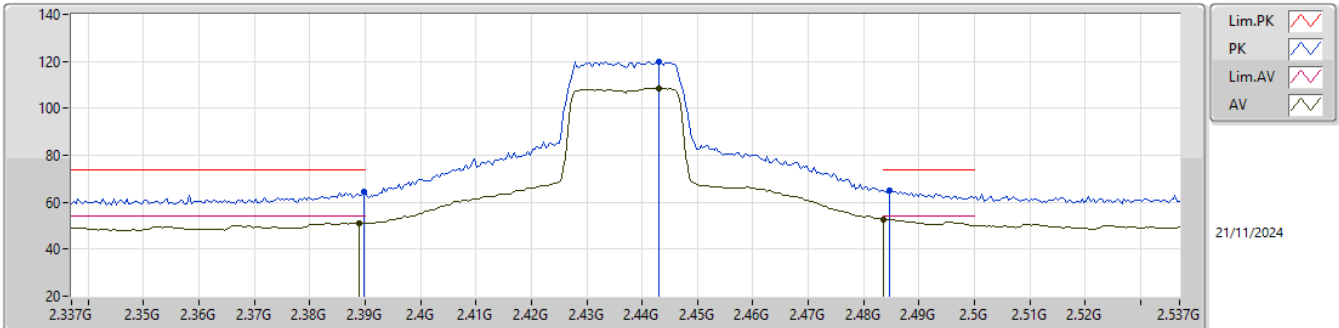


EUT_X_2TX
Setting 97
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	61.78	74.00	-12.22	29.23	3	Vertical	179	1.80	-	28.49	4.06	-			
AV	2.3882G	49.91	54.00	-4.09	17.37	3	Vertical	179	1.80	-	28.48	4.06	-			
PK	2.433G	118.69	Inf	-Inf	86.10	3	Vertical	179	1.80	-	28.50	4.09	-			
AV	2.4322G	106.85	Inf	-Inf	74.26	3	Vertical	179	1.80	-	28.50	4.09	-			
PK	2.4835G	64.63	74.00	-9.37	31.90	3	Vertical	179	1.80	-	28.60	4.13	-			
AV	2.4835G	51.02	54.00	-2.98	18.29	3	Vertical	179	1.80	-	28.60	4.13	-			

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

2437MHz_TX

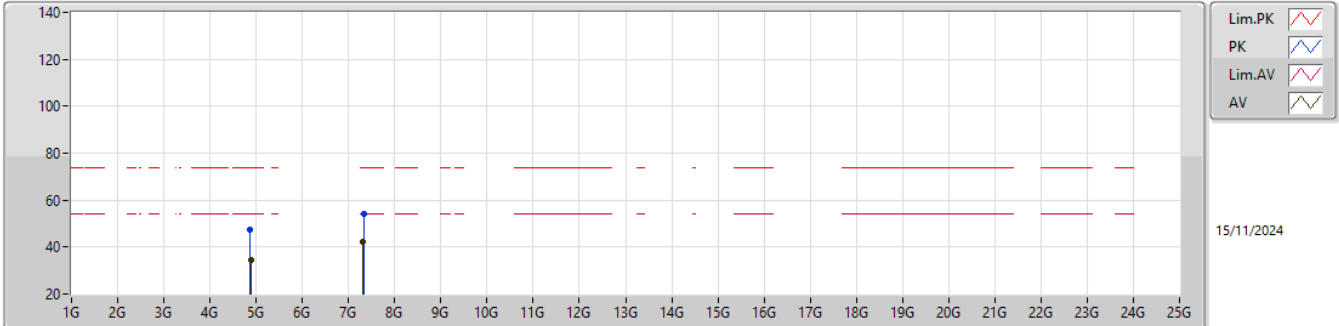


EUT_X_2TX
Setting 97
02-R-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	64.38	74.00	-9.62	31.82	3	Horizontal	204.7	2.76	-	28.50	4.06	-			
AV	2.389G	51.29	54.00	-2.71	18.74	3	Horizontal	204.7	2.76	-	28.49	4.06	-			
PK	2.443G	120.00	Inf	-Inf	87.40	3	Horizontal	204.7	2.76	-	28.50	4.10	-			
AV	2.443G	108.59	Inf	-Inf	75.99	3	Horizontal	204.7	2.76	-	28.50	4.10	-			
PK	2.4846G	65.15	74.00	-8.85	32.42	3	Horizontal	204.7	2.76	-	28.60	4.13	-			
AV	2.4835G	52.74	54.00	-1.26	20.01	3	Horizontal	204.7	2.76	-	28.60	4.13	-			

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

2437MHz_TX

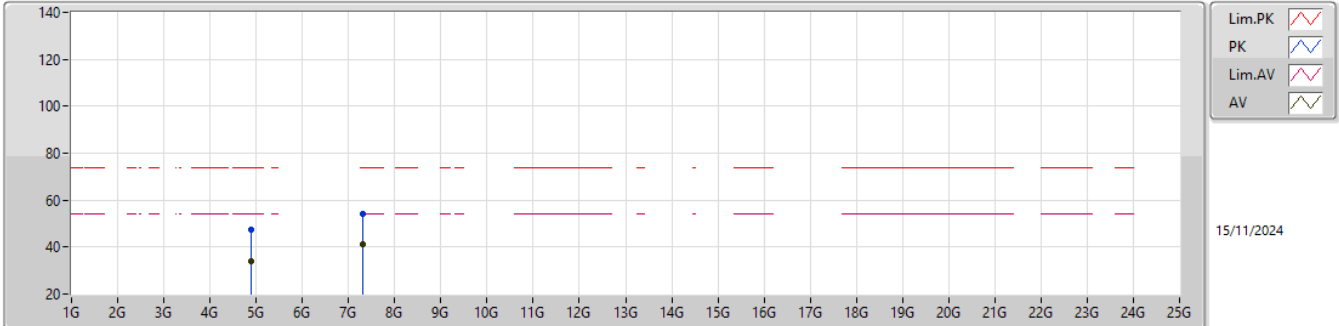


EUT_Y_2TX
Setting 99
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.86818G	47.55	74.00	-26.45	40.86	3	Vertical	247	1.05	-	32.77	6.49	32.57				
AV	4.88828G	34.26	54.00	-19.74	27.47	3	Vertical	247	1.05	-	32.85	6.52	32.58				
PK	7.323G	54.30	74.00	-19.70	41.40	3	Vertical	159	1.80	-	37.55	7.98	32.63				
AV	7.30944G	42.22	54.00	-11.78	29.36	3	Vertical	159	1.80	-	37.52	7.97	32.63				

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

2437MHz_TX

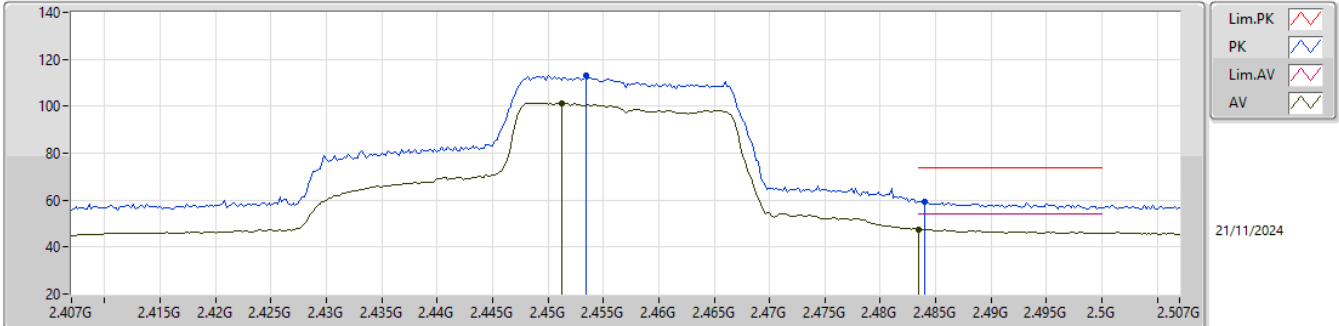


EUT_Y_2TX
Setting 99
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88438G	47.16	74.00	-26.84	40.39	3	Horizontal	219	1.80	-	32.84	6.51	32.58			
AV	4.88492G	34.10	54.00	-19.90	27.33	3	Horizontal	219	1.80	-	32.84	6.51	32.58			
PK	7.31808G	54.13	74.00	-19.87	41.24	3	Horizontal	118	1.80	-	37.54	7.98	32.63			
AV	7.32174G	40.99	54.00	-13.01	28.10	3	Horizontal	118	1.80	-	37.54	7.98	32.63			

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

2457MHz_TX

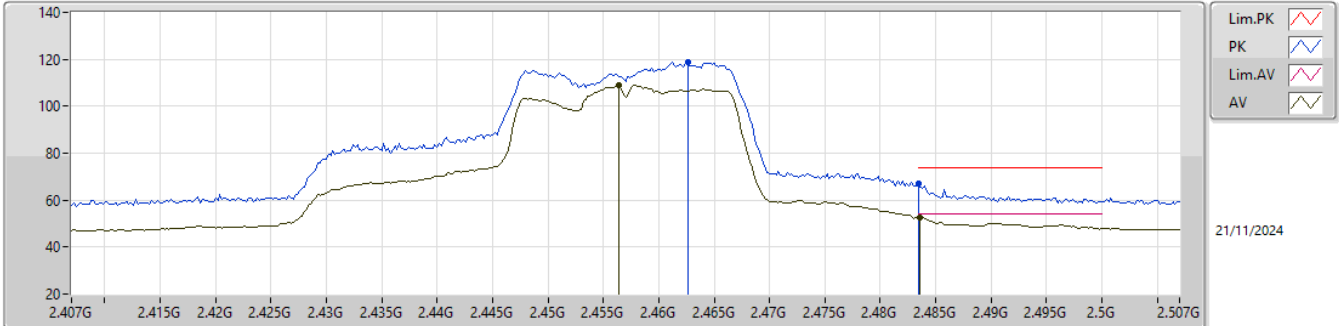


EUT_X_2TX
Setting 86
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4534G	113.00	Inf	-Inf	81.72	3	Vertical	194	1.39	-	27.50	3.78	-			
AV	2.4512G	101.42	Inf	-Inf	70.14	3	Vertical	194	1.39	-	27.50	3.78	-			
PK	2.484G	59.36	74.00	-14.64	27.71	3	Vertical	194	1.39	-	27.84	3.81	-			
AV	2.4835G	47.64	54.00	-6.36	15.99	3	Vertical	194	1.39	-	27.84	3.81	-			

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

2457MHz_TX

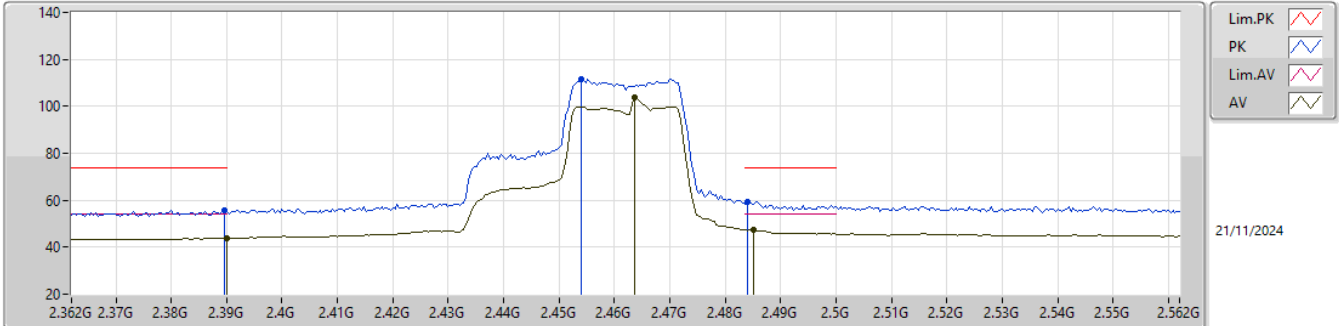


EUT_X_2TX
Setting 86
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4626G	118.91	Inf	-Inf	87.57	3	Horizontal	196	1.55	-	27.55	3.79	-			
AV	2.4564G	108.76	Inf	-Inf	77.48	3	Horizontal	196	1.55	-	27.50	3.78	-			
PK	2.4835G	66.87	74.00	-7.13	35.22	3	Horizontal	196	1.55	-	27.84	3.81	-			
AV	2.4836G	52.64	54.00	-1.36	20.99	3	Horizontal	196	1.55	-	27.84	3.81	-			

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

2462MHz_TX

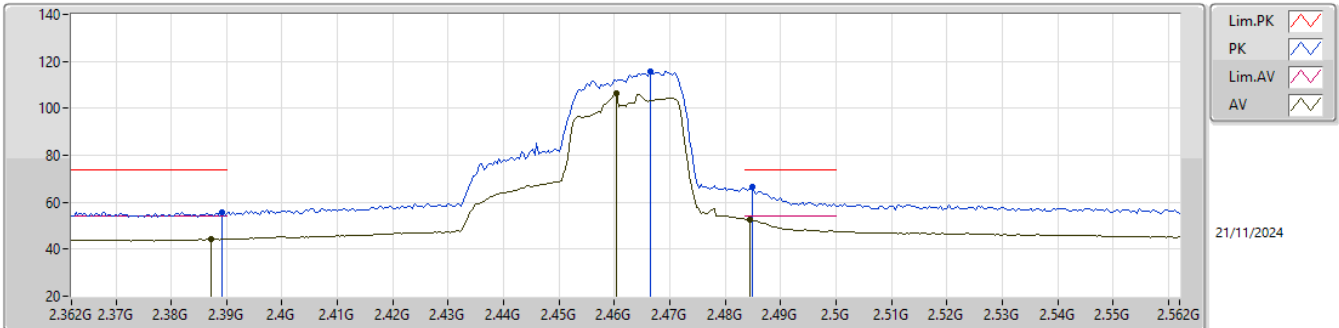


EUT_X_2TX
Setting 80
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3896G	55.69	74.00	-18.31	24.57	3	Vertical	193	1.26	-	27.40	3.72	-			
AV	2.39G	44.04	54.00	-9.96	12.92	3	Vertical	193	1.26	-	27.40	3.72	-			
PK	2.454G	111.75	Inf	-Inf	80.47	3	Vertical	193	1.26	-	27.50	3.78	-			
AV	2.4636G	103.76	Inf	-Inf	72.40	3	Vertical	193	1.26	-	27.57	3.79	-			
PK	2.484G	59.39	74.00	-14.61	27.74	3	Vertical	193	1.26	-	27.84	3.81	-			
AV	2.4852G	47.48	54.00	-6.52	15.82	3	Vertical	193	1.26	-	27.85	3.81	-			

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

2462MHz_TX

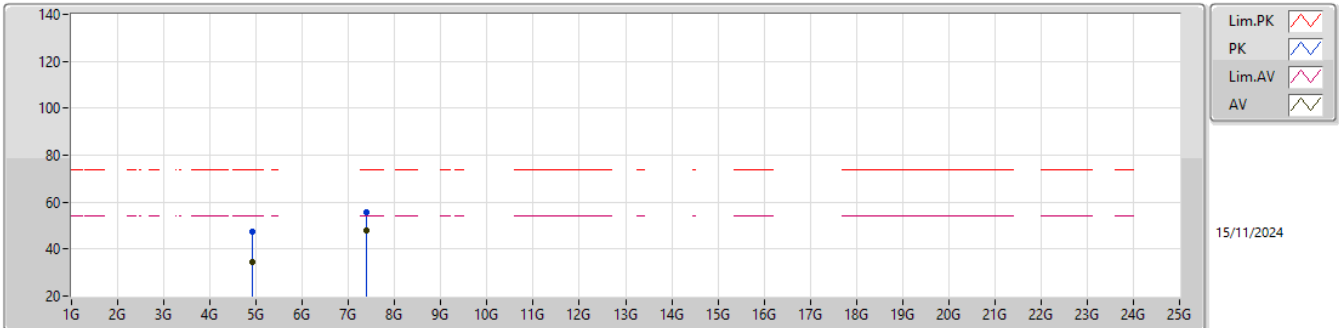


EUT_X_2TX
Setting 80
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3892G	55.78	74.00	-18.22	24.67	3	Horizontal	192	1.60	-	27.39	3.72	-			
AV	2.3872G	44.20	54.00	-9.80	13.11	3	Horizontal	192	1.60	-	27.37	3.72	-			
PK	2.4664G	115.83	Inf	-Inf	84.41	3	Horizontal	192	1.60	-	27.63	3.79	-			
AV	2.4604G	106.16	Inf	-Inf	74.86	3	Horizontal	192	1.60	-	27.51	3.79	-			
PK	2.4848G	66.67	74.00	-7.33	35.01	3	Horizontal	192	1.60	-	27.85	3.81	-			
AV	2.4844G	52.76	54.00	-1.24	21.11	3	Horizontal	192	1.60	-	27.84	3.81	-			

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

2462MHz_TX

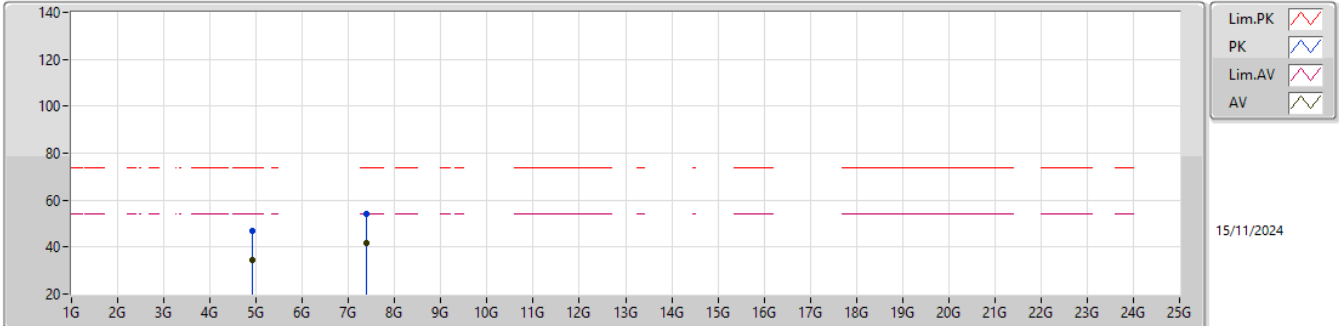


EUT_Y_2TX
Setting 94
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92778G	47.40	74.00	-26.60	40.45	3	Vertical	109	1.79	-	32.96	6.57	32.58			
AV	4.91086G	34.55	54.00	-19.45	27.66	3	Vertical	109	1.79	-	32.92	6.55	32.58			
PK	7.39656G	55.64	74.00	-18.36	42.64	3	Vertical	228	1.80	-	37.60	8.00	32.60			
AV	7.38522G	47.83	54.00	-6.17	34.83	3	Vertical	228	1.80	-	37.60	8.00	32.60			

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

2462MHz_TX

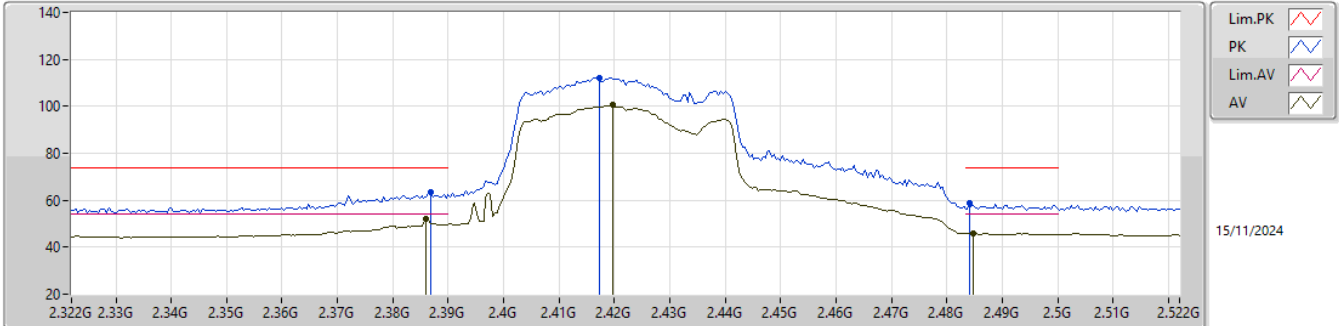


EUT_Y_2TX
Setting 94
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92328G	47.15	74.00	-26.85	40.21	3	Horizontal	51	1.80	-	32.95	6.57	32.58			
AV	4.91836G	34.41	54.00	-19.59	27.49	3	Horizontal	51	1.80	-	32.94	6.56	32.58			
PK	7.39728G	54.33	74.00	-19.67	41.33	3	Horizontal	273	1.80	-	37.60	8.00	32.60			
AV	7.38786G	41.56	54.00	-12.44	28.56	3	Horizontal	273	1.80	-	37.60	8.00	32.60			

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

2422MHz_TX

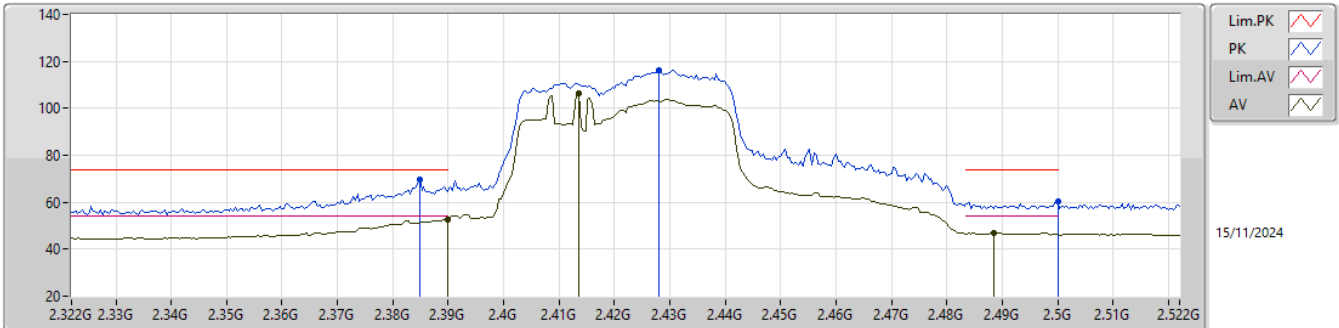


EUT_X_2TX
Setting 81
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3868G	63.69	74.00	-10.31	32.60	3	Vertical	195	1.07	-	27.37	3.72	-			
AV	2.386G	52.06	54.00	-1.94	20.98	3	Vertical	195	1.07	-	27.36	3.72	-			
PK	2.4172G	112.07	Inf	-Inf	80.90	3	Vertical	195	1.07	-	27.43	3.74	-			
AV	2.4196G	100.48	Inf	-Inf	69.34	3	Vertical	195	1.07	-	27.40	3.74	-			
PK	2.484G	59.00	74.00	-15.00	27.35	3	Vertical	195	1.07	-	27.84	3.81	-			
AV	2.4848G	45.97	54.00	-8.03	14.31	3	Vertical	195	1.07	-	27.85	3.81	-			

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

2422MHz_TX

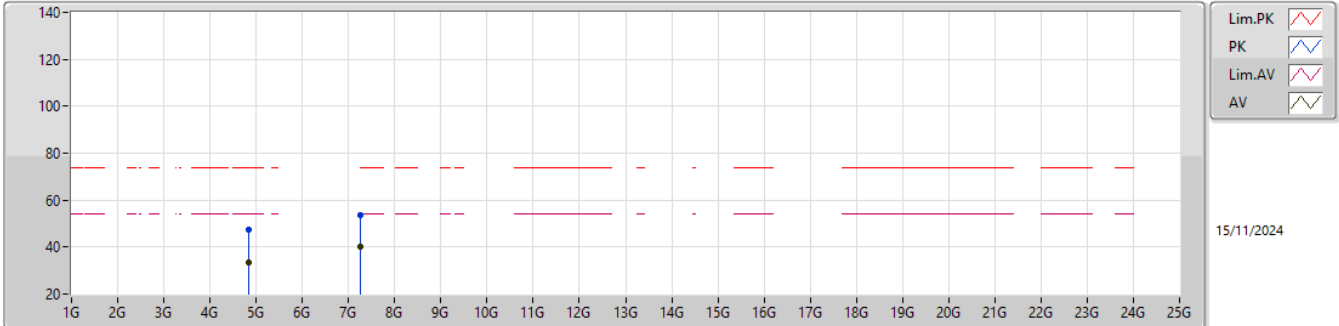


EUT_X_2TX
Setting 81
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3848G	69.55	74.00	-4.45	38.48	3	Horizontal	196	1.91	-	27.35	3.72	-			
AV	2.39G	52.64	54.00	-1.36	21.52	3	Horizontal	196	1.91	-	27.40	3.72	-			
PK	2.428G	116.16	Inf	-Inf	84.93	3	Horizontal	196	1.91	-	27.48	3.75	-			
AV	2.4136G	106.36	Inf	-Inf	75.17	3	Horizontal	196	1.91	-	27.46	3.73	-			
PK	2.5G	60.39	74.00	-13.61	28.56	3	Horizontal	196	1.91	-	28.00	3.83	-			
AV	2.4884G	47.05	54.00	-6.95	15.35	3	Horizontal	196	1.91	-	27.88	3.82	-			

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

2422MHz_TX

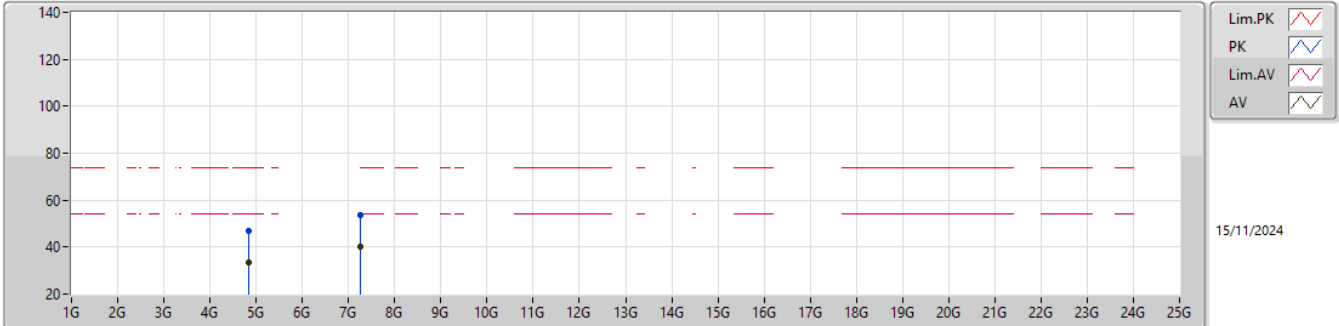


EUT_Y_2TX
Setting 87
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.84148G	47.36	74.00	-26.64	40.80	3	Vertical	8	1.80	-	32.67	6.46	32.57			
AV	4.8479G	33.41	54.00	-20.59	26.83	3	Vertical	8	1.80	-	32.69	6.46	32.57			
PK	7.25658G	53.78	74.00	-20.22	41.14	3	Vertical	229	1.80	-	37.33	7.96	32.65			
AV	7.26138G	40.35	54.00	-13.65	27.69	3	Vertical	229	1.80	-	37.35	7.96	32.65			

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

2422MHz_TX

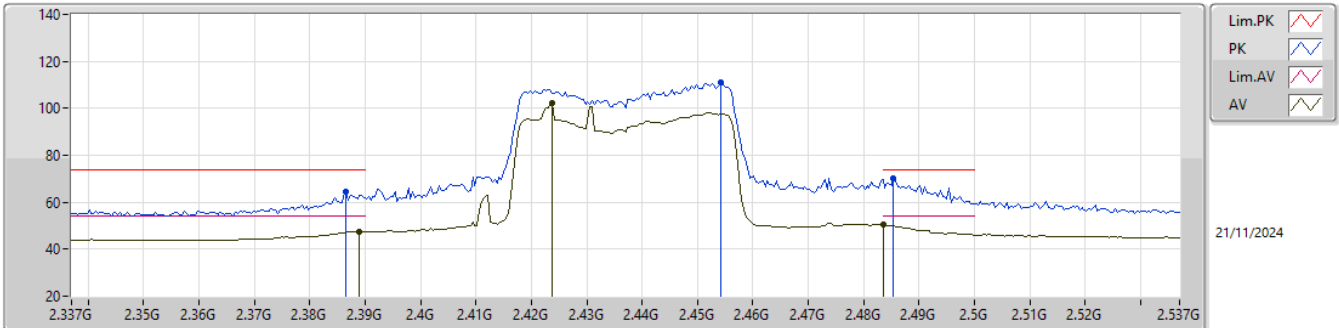


EUT_Y_2TX
Setting 87
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8296G	46.77	74.00	-27.23	40.28	3	Horizontal	76	1.80	-	32.62	6.44	32.57			
AV	4.85054G	33.42	54.00	-20.58	26.82	3	Horizontal	76	1.80	-	32.70	6.47	32.57			
PK	7.26186G	53.55	74.00	-20.45	40.89	3	Horizontal	254	1.80	-	37.35	7.96	32.65			
AV	7.2564G	40.04	54.00	-13.96	27.40	3	Horizontal	254	1.80	-	37.33	7.96	32.65			

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

2437MHz_TX

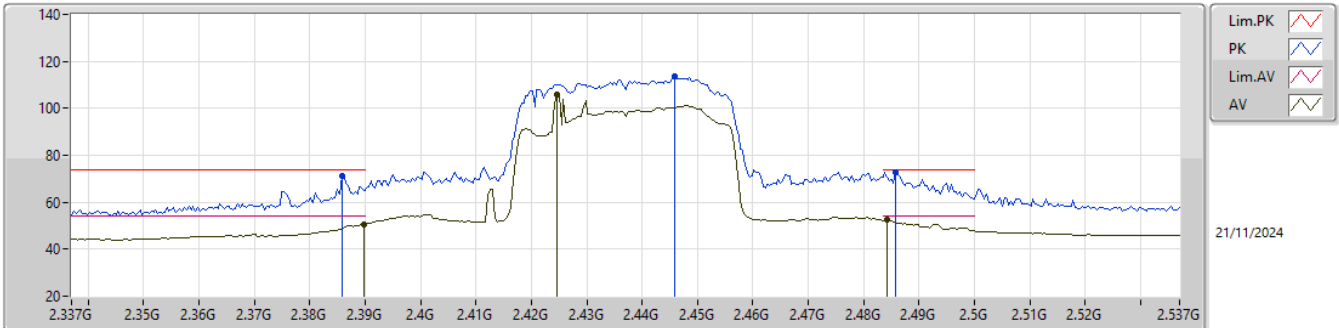


EUT_X_2TX
Setting 77
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3866G	64.64	74.00	-9.36	33.55	3	Vertical	194	1.00	-	27.37	3.72	-			
AV	2.389G	47.64	54.00	-6.36	16.53	3	Vertical	194	1.00	-	27.39	3.72	-			
PK	2.4542G	110.80	Inf	-Inf	79.52	3	Vertical	194	1.00	-	27.50	3.78	-			
AV	2.4238G	102.22	Inf	-Inf	71.03	3	Vertical	194	1.00	-	27.44	3.75	-			
PK	2.4854G	70.26	74.00	-3.74	38.60	3	Vertical	194	1.00	-	27.85	3.81	-			
AV	2.4835G	50.41	54.00	-3.59	18.76	3	Vertical	194	1.00	-	27.84	3.81	-			

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

2437MHz_TX

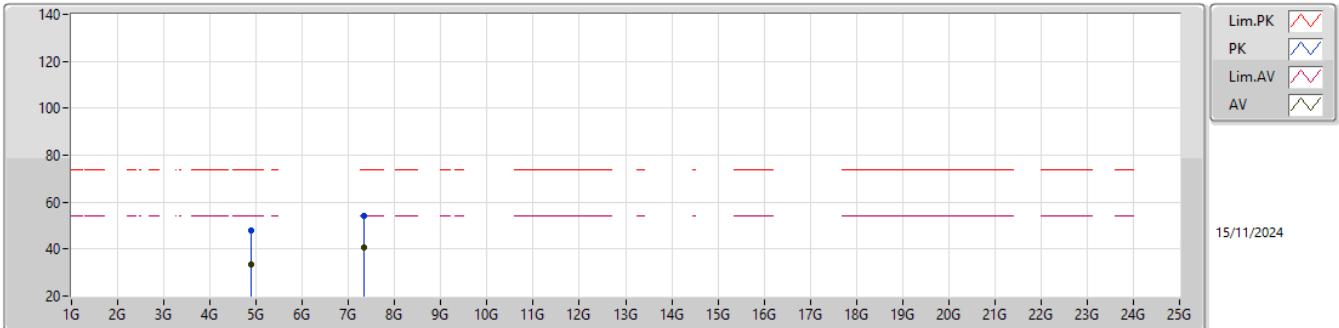


EUT_X_2TX
Setting 77
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3858G	71.13	74.00	-2.87	40.05	3	Horizontal	182	1.50	-	27.36	3.72	-			
AV	2.3898G	50.63	54.00	-3.37	19.51	3	Horizontal	182	1.50	-	27.40	3.72	-			
PK	2.4458G	113.59	Inf	-Inf	82.28	3	Horizontal	182	1.50	-	27.54	3.77	-			
AV	2.4246G	106.00	Inf	-Inf	74.80	3	Horizontal	182	1.50	-	27.45	3.75	-			
PK	2.4858G	72.55	74.00	-1.45	40.88	3	Horizontal	182	1.50	-	27.86	3.81	-			
AV	2.4842G	52.33	54.00	-1.67	20.68	3	Horizontal	182	1.50	-	27.84	3.81	-			

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

2437MHz_TX

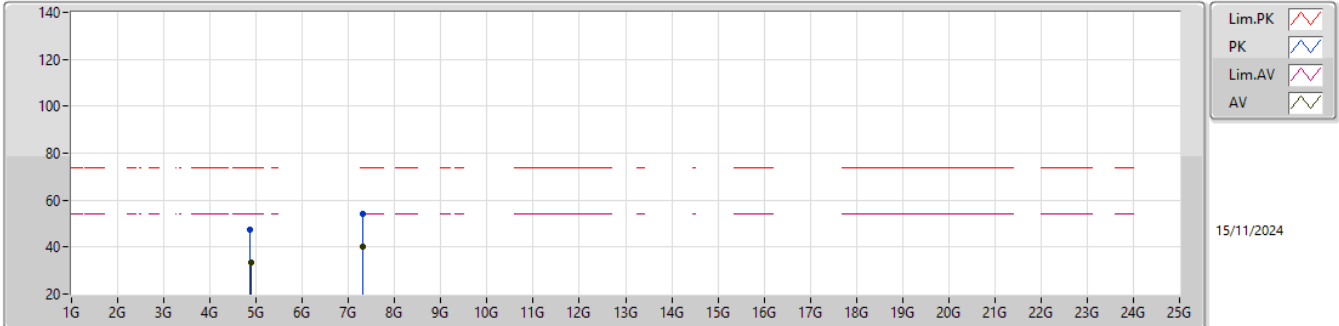


EUT_Y_2TX
Setting 80
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87754G	47.81	74.00	-26.19	41.08	3	Vertical	258	1.80	-	32.81	6.50	32.58				
AV	4.8887G	33.50	54.00	-20.50	26.71	3	Vertical	258	1.80	-	32.85	6.52	32.58				
PK	7.32372G	54.14	74.00	-19.86	41.24	3	Vertical	218	2.26	-	37.55	7.98	32.63				
AV	7.32252G	40.74	54.00	-13.26	27.84	3	Vertical	218	2.26	-	37.55	7.98	32.63				

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

2437MHz_TX

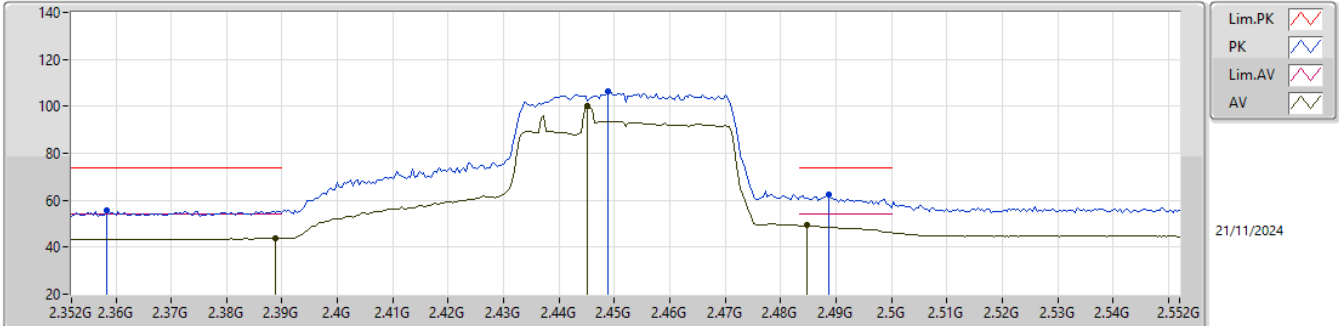


EUT_Y_2TX
Setting 80
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8677G	47.23	74.00	-26.77	40.54	3	Horizontal	253	1.80	-	32.77	6.49	32.57			
AV	4.88696G	33.53	54.00	-20.47	26.74	3	Horizontal	253	1.80	-	32.85	6.52	32.58			
PK	7.32156G	53.97	74.00	-20.03	41.08	3	Horizontal	6	1.95	-	37.54	7.98	32.63			
AV	7.32042G	40.30	54.00	-13.70	27.41	3	Horizontal	6	1.95	-	37.54	7.98	32.63			

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

2452MHz_TX

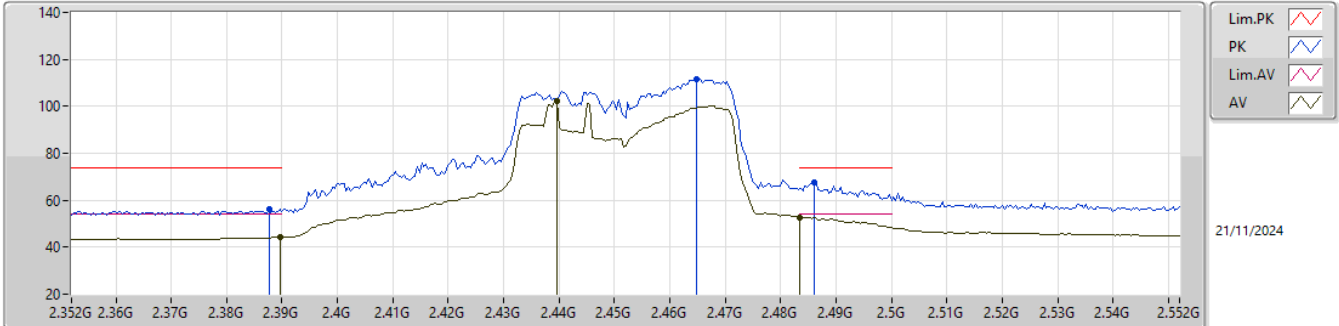


EUT_X_2TX
Setting 67
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3584G	55.58	74.00	-18.42	24.37	3	Vertical	190	1.34	-	27.50	3.71	-			
AV	2.3888G	43.79	54.00	-10.21	12.68	3	Vertical	190	1.34	-	27.39	3.72	-			
PK	2.4488G	106.63	Inf	-Inf	75.35	3	Vertical	190	1.34	-	27.51	3.77	-			
AV	2.4452G	100.16	Inf	-Inf	68.84	3	Vertical	190	1.34	-	27.55	3.77	-			
PK	2.4888G	62.25	74.00	-11.75	30.54	3	Vertical	190	1.34	-	27.89	3.82	-			
AV	2.4848G	49.35	54.00	-4.65	17.69	3	Vertical	190	1.34	-	27.85	3.81	-			

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

2452MHz_TX

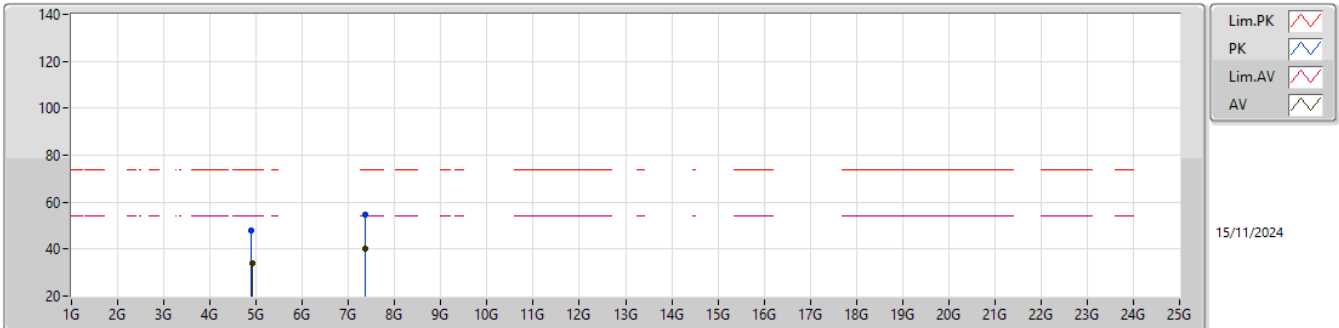


EUT_X_2TX
Setting 67
01-C-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3876G	56.04	74.00	-17.96	24.94	3	Horizontal	194	1.81	-	27.38	3.72	-			
AV	2.3896G	44.24	54.00	-9.76	13.12	3	Horizontal	194	1.81	-	27.40	3.72	-			
PK	2.4648G	111.53	Inf	-Inf	80.14	3	Horizontal	194	1.81	-	27.60	3.79	-			
AV	2.4396G	102.14	Inf	-Inf	70.78	3	Horizontal	194	1.81	-	27.60	3.76	-			
PK	2.486G	67.52	74.00	-6.48	35.85	3	Horizontal	194	1.81	-	27.86	3.81	-			
AV	2.4835G	52.69	54.00	-1.31	21.04	3	Horizontal	194	1.81	-	27.84	3.81	-			

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

2452MHz_TX

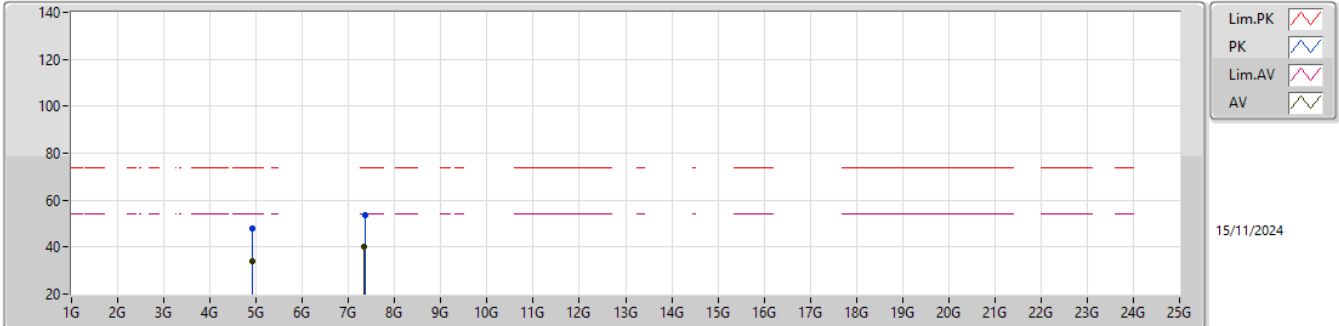


EUT_Y_2TX
Setting 78
01-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9013G	47.81	74.00	-26.19	40.95	3	Vertical	86	1.80	-	32.90	6.54	32.58			
AV	4.90538G	34.07	54.00	-19.93	27.20	3	Vertical	86	1.80	-	32.91	6.54	32.58			
PK	7.36518G	54.79	74.00	-19.21	41.81	3	Vertical	227	1.80	-	37.60	7.99	32.61			
AV	7.368G	40.36	54.00	-13.64	27.38	3	Vertical	227	1.80	-	37.60	7.99	32.61			

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

2452MHz_TX



EUT_Y_2TX
Setting 78
01-C-V-1

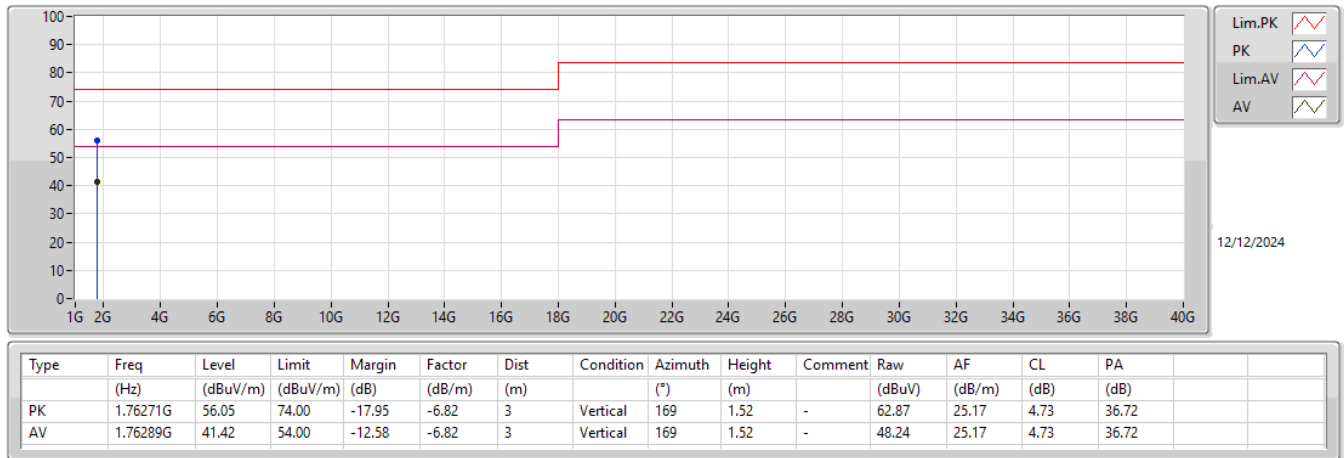
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.90916G	47.88	74.00	-26.12	40.99	3	Horizontal	50	1.56	-	32.92	6.55	32.58				
AV	4.91366G	34.07	54.00	-19.93	27.17	3	Horizontal	50	1.56	-	32.93	6.55	32.58				
PK	7.3563G	53.66	74.00	-20.34	40.68	3	Horizontal	203	1.80	-	37.60	7.99	32.61				
AV	7.3461G	40.21	54.00	-13.79	27.26	3	Horizontal	203	1.80	-	37.59	7.98	32.62				



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.76289G	41.42	54.00	-12.58	Vertical

Mode 1



Mode 1

