



RADIO TEST REPORT

FCC ID : N89-75W311AV1
Equipment : BE5000 Wireless Dual Band Wall Mount Access Point
Brand Name : SonicFi
Model Name : RAP750W-311A
Applicant : CyberTAN Technology Inc.
No. 99, Park Avenue III Science-based Industrial Park
Hsinchu Taiwan 308
Manufacturer : CyberTAN Technology Inc.
No. 99, Park Avenue III Science-based Industrial Park
Hsinchu Taiwan 308
Standard : 47 CFR FCC Part 15.247

The product was received on Aug. 19, 2024, and testing was started from Aug. 20, 2024 and completed on Oct. 31, 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)
	BT	2.4GHz	5GHz					
1	-	1	1	GALTRONICS	02102140-08076-1	PCB Antenna	I-PEX	Note 1
2	-	2	2	GALTRONICS	02102140-08076-2	PCB Antenna	I-PEX	
3	1	-	-	GALTRONICS	02102073-08076	PCB Antenna	I-PEX	

Note 1:

Ant.	Gain (dBi)						
	Bluetooth	2.4GHz	5GHz UNII 1	5GHz UNII 2A	5GHz UNII 2C	5GHz UNII 3	5GHz UNII 4
1	-	2.69	2.75	2.39	2.65	3.33	3.33
2	-	2.03	2.91	3.22	3.19	2.85	2.85
3	1.78	-	-	-	-	-	-

Note 2: The above information was declared by manufacturer.

Note 3: BT represents Bluetooth.

Note 4: Directional gain information

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

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

$$NSS1(g1,1) = 10^{G1/20} ; NSS1(g1,2) = 10^{G2/20} ; NSS1(g1,3) = 10^{G3/20} ; NSS1(g1,4) = 10^{G4/20}$$

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

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

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

Where ;

$$2.4G \ G1 = 2.69 \text{ dBi} ; G2 = 2.03 \text{ dBi} ;$$

$$5G \text{ UNII-1} \ G1 = 2.75 \text{ dBi} ; G2 = 2.91 \text{ dBi} ;$$

$$5G \text{ UNII-2A} \ G1 = 2.39 \text{ dBi} ; G2 = 3.22 \text{ dBi} ;$$

$$5G \text{ UNII-2C} \ G1 = 2.65 \text{ dBi} ; G2 = 3.19 \text{ dBi} ;$$

$$5G \text{ UNII-3} \ G1 = 3.33 \text{ dBi} ; G2 = 2.85 \text{ dBi} ;$$

$$5G \text{ UNII-4} \ G1 = 3.33 \text{ dBi} ; G2 = 2.85 \text{ dBi} ;$$

$$2.4G \ DG = 5.38 \text{ dBi}$$

$$5G \text{ UNII-1} \ DG = 5.84 \text{ dBi}$$

$$5G \text{ UNII-2A} \ DG = 5.83 \text{ dBi}$$

$$5G \text{ UNII-2C} \ DG = 5.93 \text{ dB}$$

$$5G \text{ UNII-3} \ DG = 6.10 \text{ dBi}$$

$$5G \text{ UNII-4} \ DG = 6.10 \text{ dBi}$$

Note 5: **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.

For Bluetooth function (1TX/1RX):

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11b_Nss 1,(1D)	0.999	0.01	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11g_Nss 1,(6D)	0.993	0.03	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11be EHT20-BF_Nss 1,(M0)	0.948	0.23	3.69m	300
802.11be EHT40-BF_Nss 1,(M0)	0.95	0.22	3.69m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power PoE			
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 Non-beamforming mode: QRCT V4.1 For Beamforming mode: DOS V6.1.7601			

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

Testing Location Information				
Test Lab. : Sporton International Inc. Hsinchu Laboratory				
Hsinchu 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 ISCED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Owen Hsu	22.3~24.1 / 60~63	Aug. 27, 2024~ Oct. 31, 2024
Radiated (below 1G)	03CH03-CB	Jackson Pong	22.2-22.6 / 59-61	Aug. 20, 2024~ Oct. 30, 2024
	03CH05-CB		21.6-22.7 / 56-59	
Radiated (above 1G)	03CH01-CB		22.1-23.1 / 60-62	
	03CH03-CB		22.2-22.6 / 59-61	
	03CH05-CB		21.9-22.4 / 60-62	
Radiated (co-location emission)	03CH03-CB		22.2-22.6 / 59-61	
AC Conduction	CO01-CB	Ryan Huang	23~24 / 55~56	Aug. 22, 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
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2417MHz
2437MHz
2462MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
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 + PoE 1

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. So the measurement will follow this same test configuration.
1	EUT in Y axis + PoE 2_WLAN 2.4GHz
2	EUT in Y axis + PoE 2_WLAN 5GHz
3	EUT in Y axis + PoE 2_Bluetooth
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 Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y 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 + Bluetooth
Refer to Sporton Test Report No.: FA471503 for Co-location RF Exposure Evaluation.	

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

The PoE information as below:

Support Unit	Brand	Model
PoE 1	DELTA	ADH-65AR N
PoE 2	DELTA	ADH-90AR B

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 V6.1.7601.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by Device and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Wall-mounted rack*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 1	DELTA	ADH-65AR N	N/A
B	PoE PC	DELL	OPTIPLEX 3010	N/A
C	LAN PC	DELL	OPTIPLEX 3010	N/A
D	Device	SonicFi	RAP750W-311A	N89-75W311AV1
E	Device PC	DELL	OPTIPLEX 3010	N/A
F	Smart Phone	Samsung	Galaxy J2	N/A
G	2.4G NB	DELL	E6430	N/A
H	5G NB	DELL	E6430	N/A

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E6230	N/A
B	PoE 2	DELTA	ADH-90AR B	N/A

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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E6230	N/A
B	PoE 2	DELTA	ADH-90AR B	N/A
C	Device	SonicFi	RAP750W-311A	N89-75W311AV1
D	Notebook	DELL	E6230	N/A

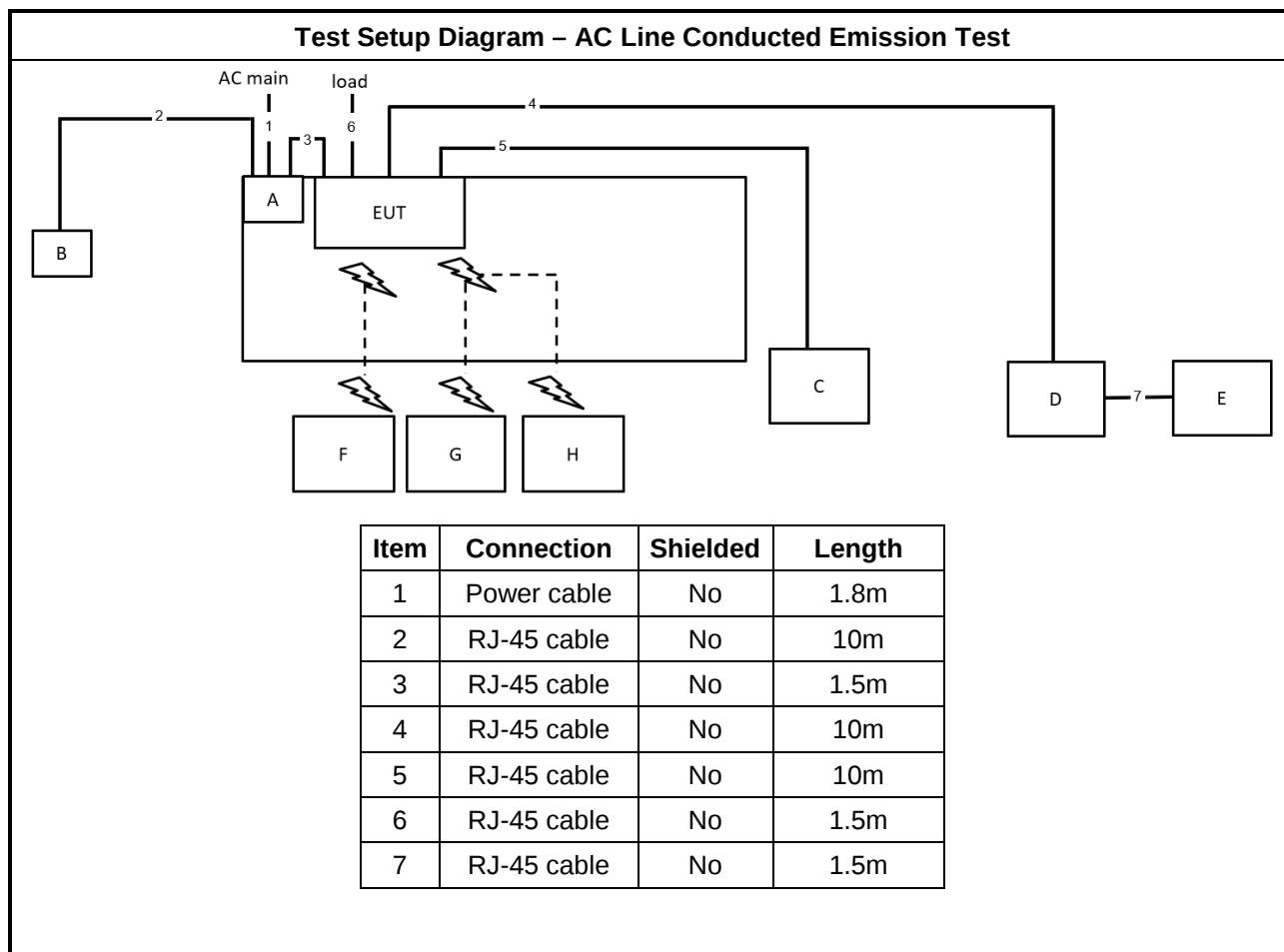
**For RF Conducted:****<Non-beamforming mode>**

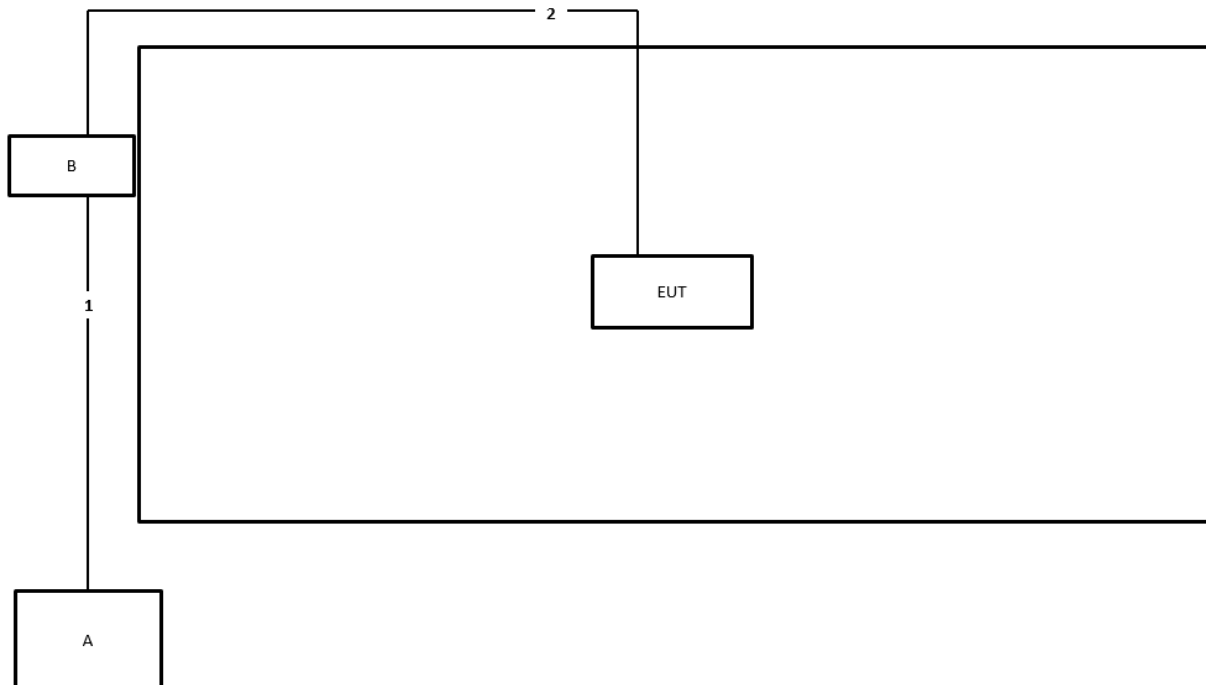
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

<Beamforming mode>:

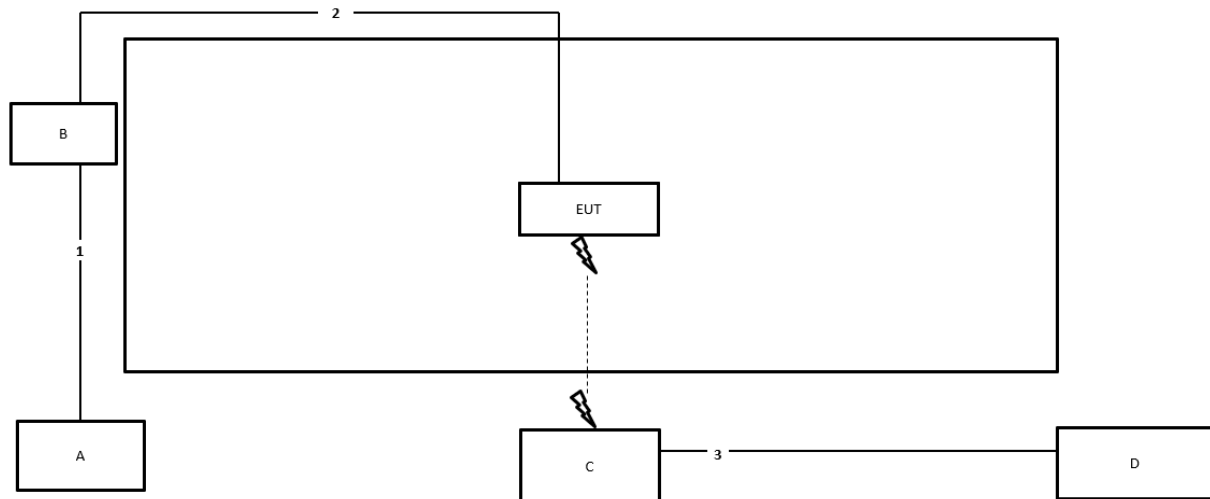
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Device	SonicFi	RAP750W-311A	N89-75W311AV1
C	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz and > 1GHz <Non-beamforming mode>


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

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


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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

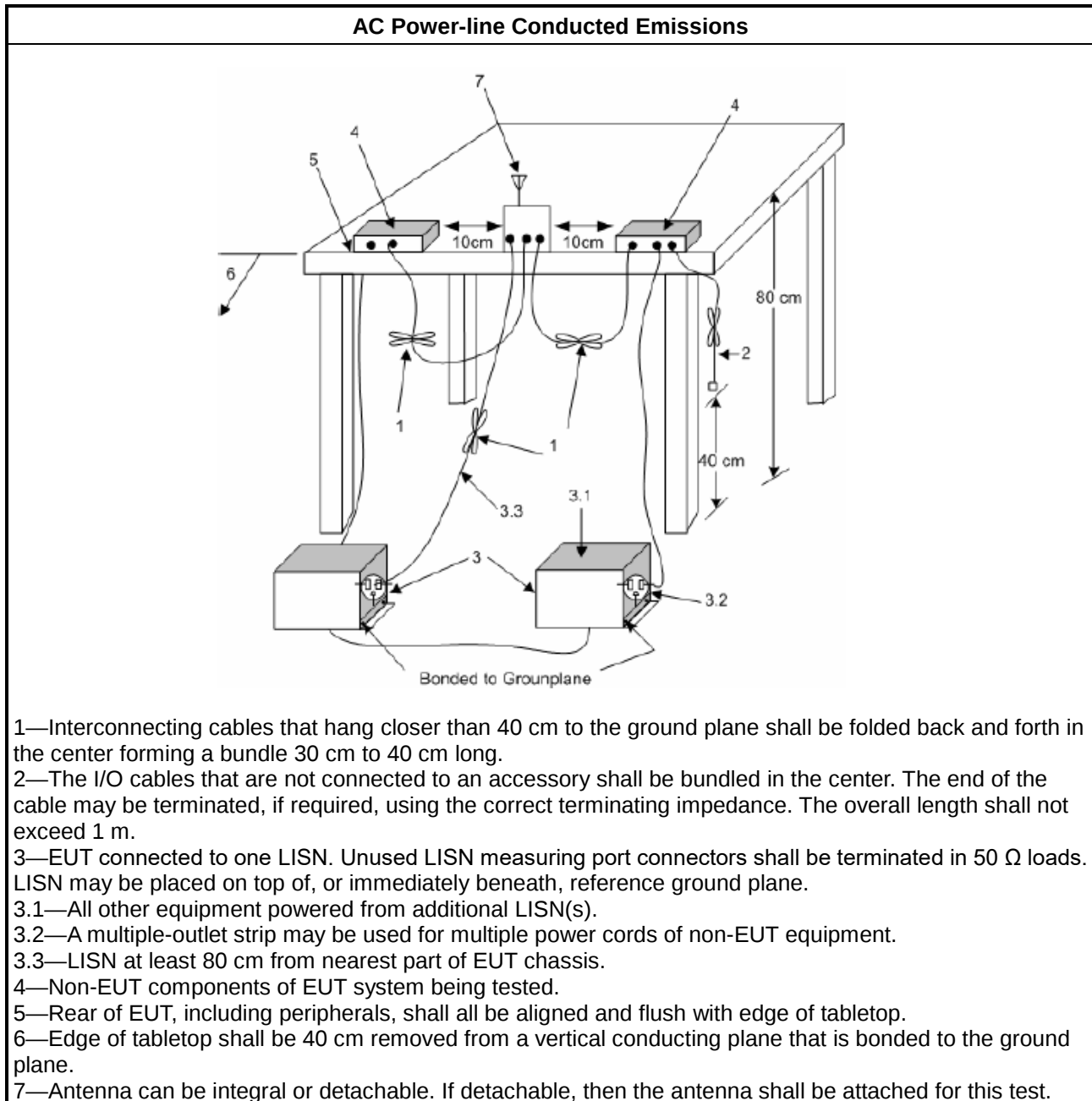
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

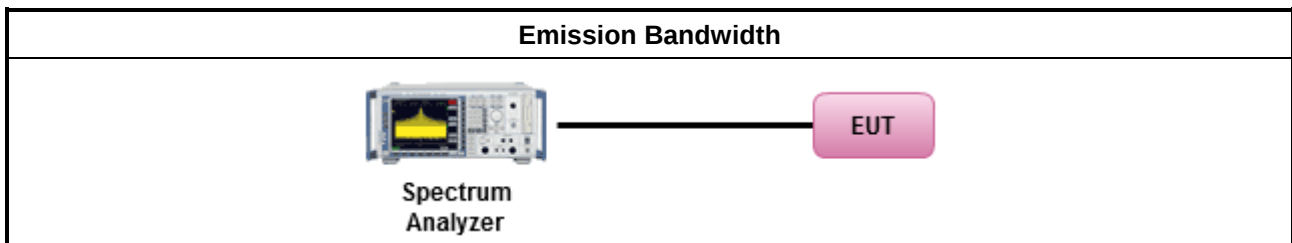
3.2.2 Measuring Instruments

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.	

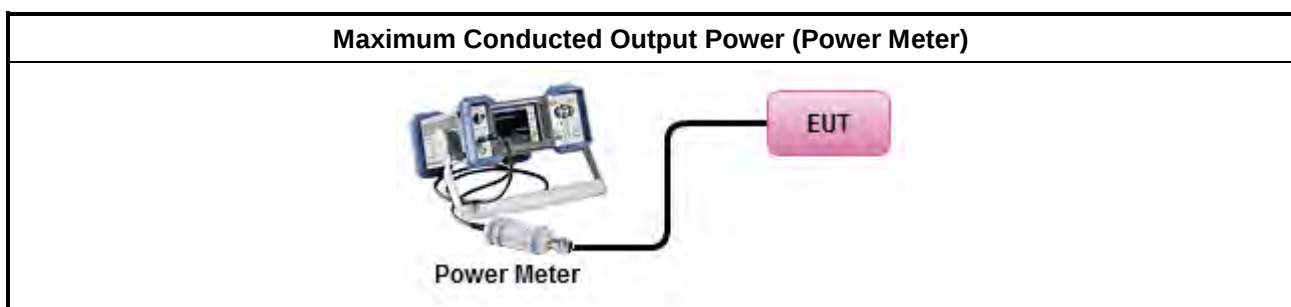
3.3.2 Measuring Instruments

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

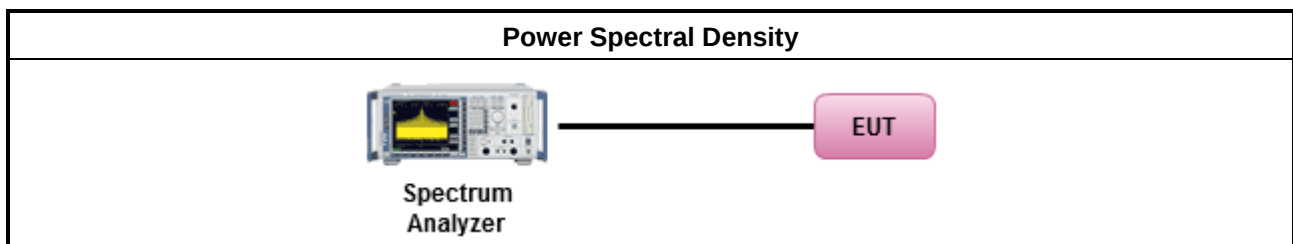
3.4.2 Measuring Instruments

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.	

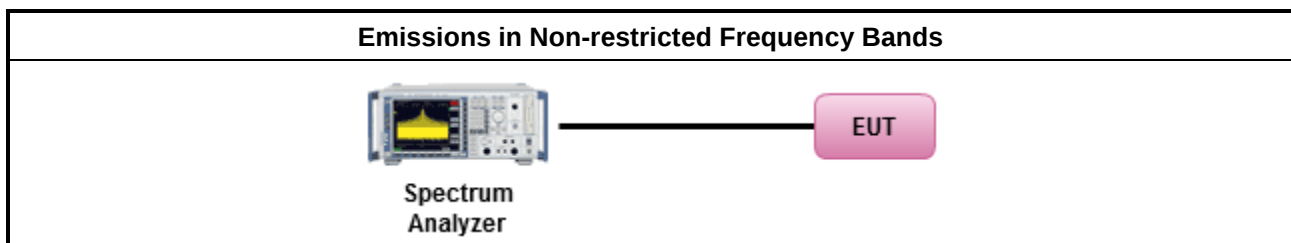
3.5.2 Measuring Instruments

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.

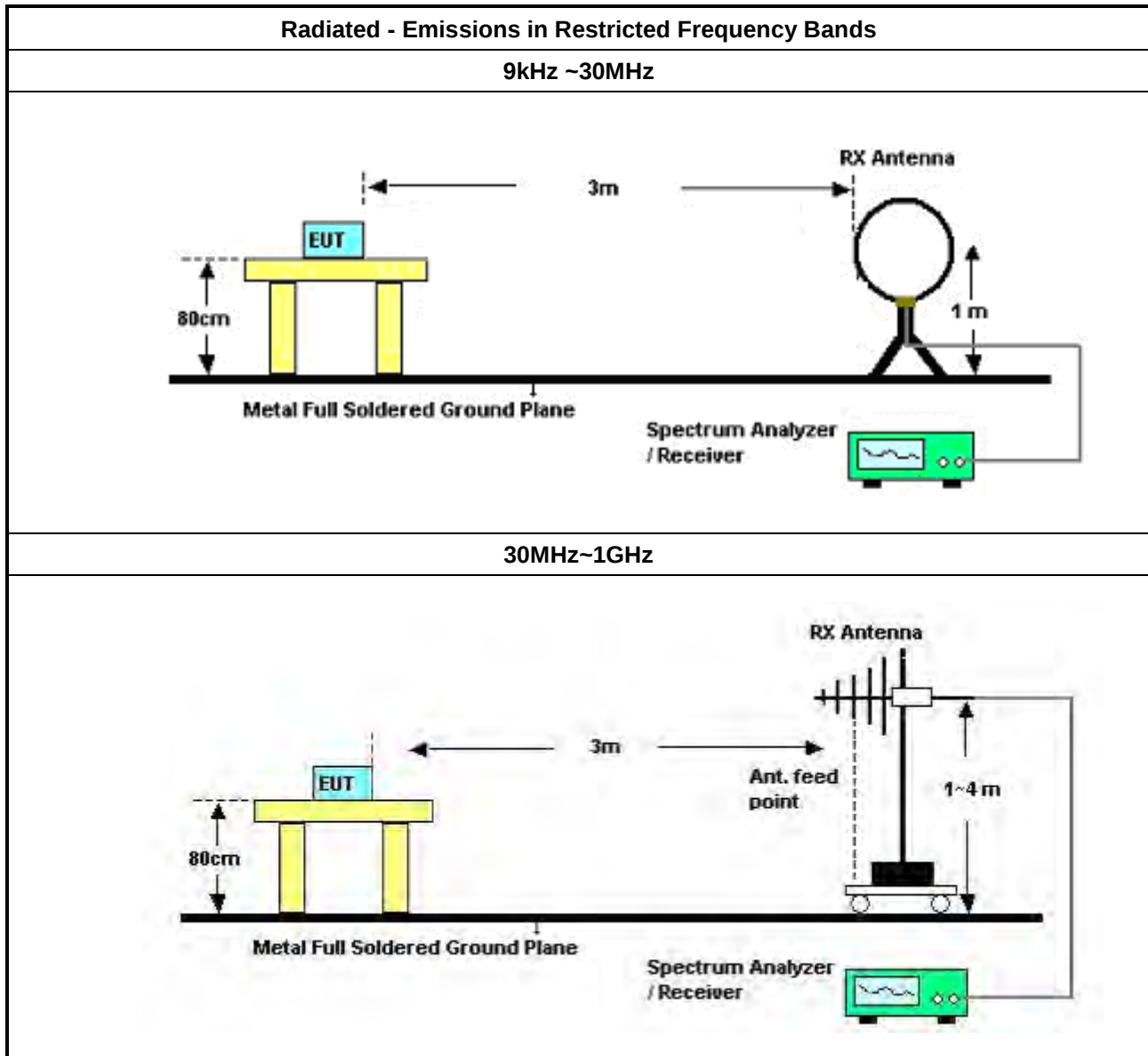
3.6.2 Measuring Instruments

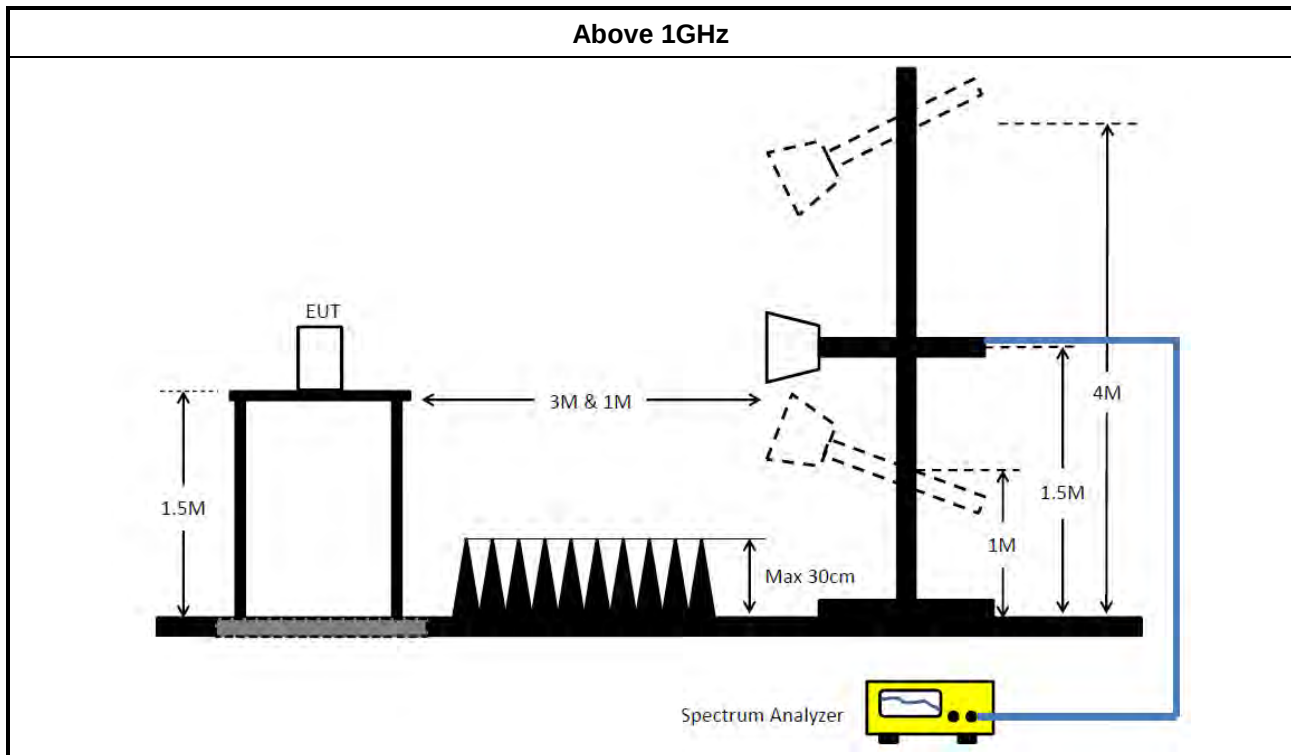
Refer a test equipment and calibration data table in this test report.

**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	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
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. 13, 2023	Oct. 12, 2024	Radiation (03CH03-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)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N060 5	30MHz ~ 1GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2024	Jan. 23, 2025	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH03-CB)
Amplifier	SGH	SGH301	20240606-1	30MHz ~ 1GHz	Jun. 04, 2024	Jun. 03, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 20, 2023	Oct. 19, 2024	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	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Feb. 29, 2024	Feb. 28, 2025	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Feb. 29, 2024	Feb. 28, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-1524 7_DTS	V5.11.18	2.4GHz- 2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 29, 2023	Sep. 28, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Sep. 28, 2024	Sep. 27, 2025	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 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	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 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. 24, 2023	Nov. 23, 2024	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 20, 2023	Oct. 19, 2024	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	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. 02, 2023	Oct. 01, 2024	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
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	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-1524 7_DTS	V5.11.18	2.4GHz- 2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jul. 09, 2024	Jul. 08, 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)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 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)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 04, 2023	Sep. 03, 2024	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-13	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 ~26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-1524 7_FS	V5.11.18	2.4GHz- 2.4835GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.



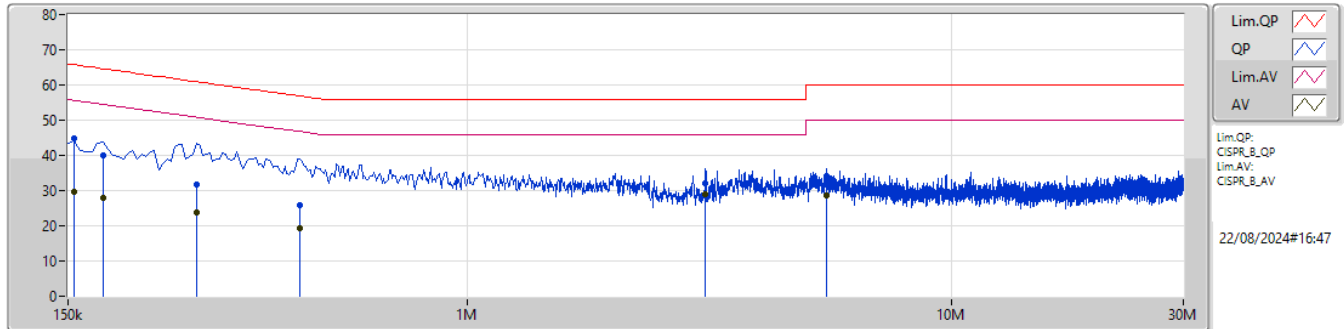
Conducted Emissions at Powerline

Appendix A

Summary

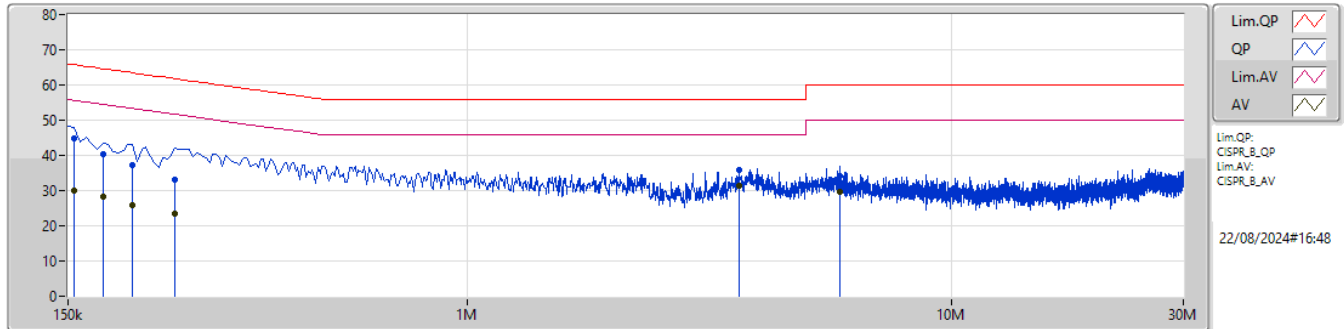
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	3.633M	31.44	46.00	-14.56	Neutral

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	44.70	65.75	-21.05	9.92	Line	-	34.78	0.04	0.02	9.86						
AV	154.5k	29.62	55.75	-26.13	9.92	Line	-	19.70	0.04	0.02	9.86						
QP	177k	40.13	64.62	-24.49	9.92	Line	-	30.21	0.04	0.02	9.86						
AV	177k	28.05	54.62	-26.57	9.92	Line	-	18.13	0.04	0.02	9.86						
QP	276k	31.58	60.93	-29.35	9.93	Line	-	21.65	0.04	0.02	9.87						
AV	276k	23.93	50.93	-27.00	9.93	Line	-	14.00	0.04	0.02	9.87						
QP	451.5k	25.93	56.84	-30.91	9.96	Line	-	15.97	0.05	0.02	9.89						
AV	451.5k	19.14	46.84	-27.70	9.96	Line	-	9.18	0.05	0.02	9.89						
QP	3.102M	32.09	56.00	-23.91	10.13	Line	-	21.96	0.12	0.11	9.90						
AV	3.102M	29.13	46.00	-16.87	10.13	Line	"Worst"	19.00	0.12	0.11	9.90						
QP	5.505M	33.98	60.00	-26.02	10.20	Line	-	23.78	0.16	0.14	9.90						
AV	5.505M	28.77	50.00	-21.23	10.20	Line	-	18.57	0.16	0.14	9.90						

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	44.95	65.75	-20.80	9.94	Neutral	-	35.01	0.06	0.02	9.86						
AV	154.5k	29.98	55.75	-25.77	9.94	Neutral	-	20.04	0.06	0.02	9.86						
QP	177k	40.39	64.62	-24.23	9.94	Neutral	-	30.45	0.06	0.02	9.86						
AV	177k	28.22	54.62	-26.40	9.94	Neutral	-	18.28	0.06	0.02	9.86						
QP	204k	37.15	63.44	-26.29	9.93	Neutral	-	27.22	0.06	0.02	9.85						
AV	204k	25.78	53.44	-27.66	9.93	Neutral	-	15.85	0.06	0.02	9.85						
QP	249k	33.18	61.79	-28.61	9.94	Neutral	-	23.24	0.06	0.02	9.86						
AV	249k	23.59	51.79	-28.20	9.94	Neutral	-	13.65	0.06	0.02	9.86						
QP	3.633M	35.87	56.00	-20.13	10.16	Neutral	-	25.71	0.13	0.13	9.90						
AV	3.633M	31.44	46.00	-14.56	10.16	Neutral	"Worst"	21.28	0.13	0.13	9.90						
QP	5.874M	34.00	60.00	-26.00	10.22	Neutral	-	23.78	0.18	0.14	9.90						
AV	5.874M	29.67	50.00	-20.33	10.22	Neutral	-	19.45	0.18	0.14	9.90						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.675M	13.328M	13M3G1D	6.35M	12.924M
802.11g_Nss1,(6Mbps)_2TX	16.05M	16.624M	16M6D1D	10.05M	16.426M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	17.15M	18.991M	19M0D1D	7.8M	18.841M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	31.4M	37.681M	37M7D1D	5.1M	37.331M

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	6.35M	12.984M	6.675M	13.118M
2437MHz	Pass	500k	7.125M	12.924M	7.675M	12.954M
2462MHz	Pass	500k	7.1M	12.954M	6.625M	13.328M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.325M	16.426M	10.05M	16.558M
2437MHz	Pass	500k	12.975M	16.514M	15.275M	16.624M
2462MHz	Pass	500k	16.05M	16.536M	13.175M	16.558M
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	12.55M	18.841M	15.325M	18.841M
2437MHz	Pass	500k	7.8M	18.991M	17.15M	18.916M
2462MHz	Pass	500k	13.025M	18.841M	7.825M	18.841M
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	5.1M	37.531M	22.4M	37.331M
2437MHz	Pass	500k	18M	37.581M	16.95M	37.681M
2452MHz	Pass	500k	31.4M	37.631M	16.5M	37.581M

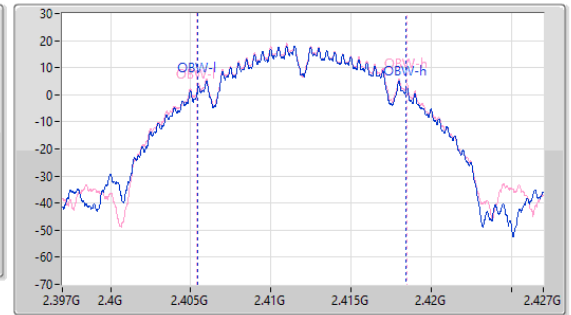
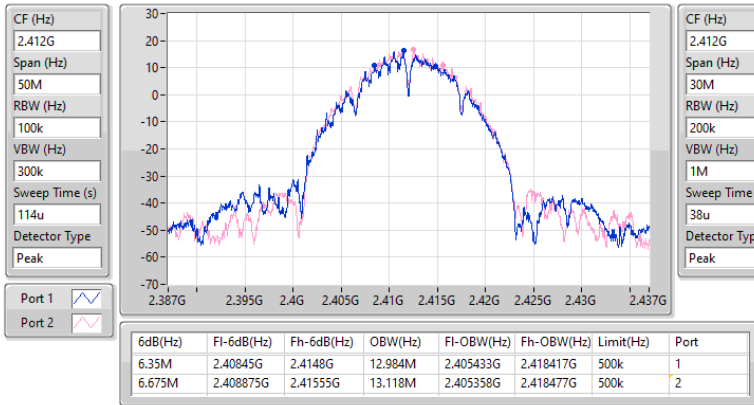
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

27/08/2024

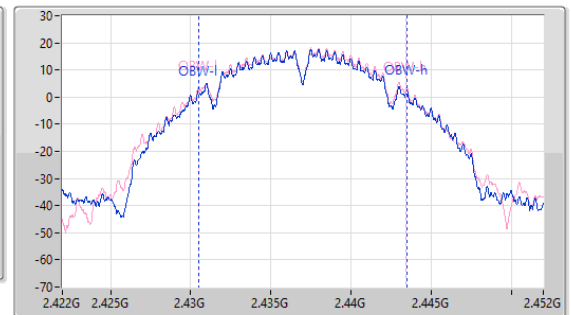
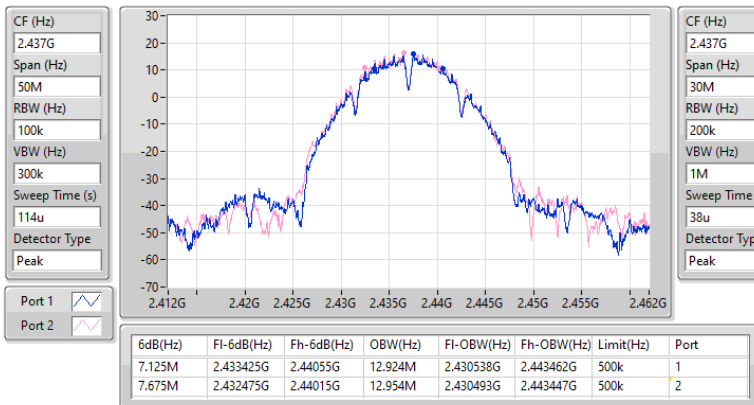


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

27/08/2024

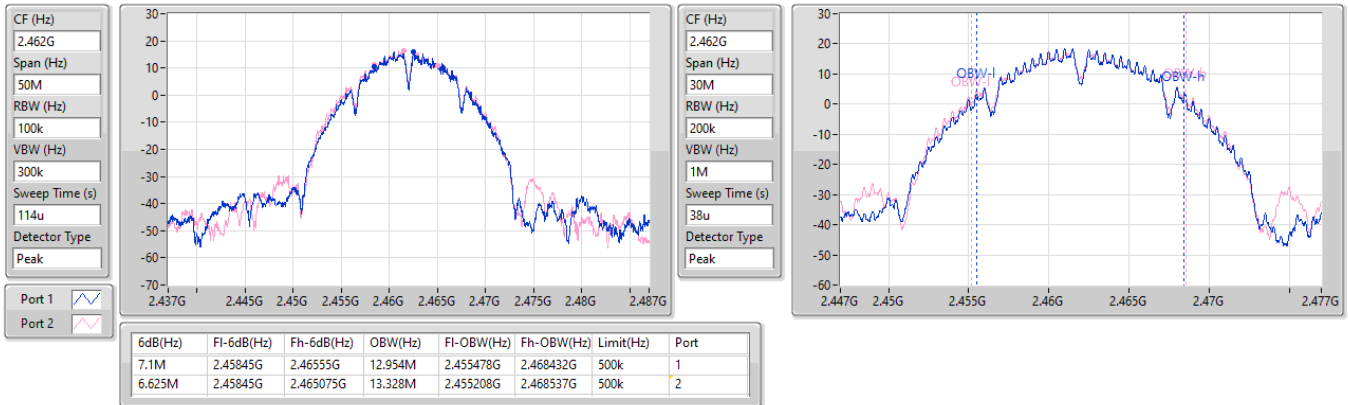


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

27/08/2024

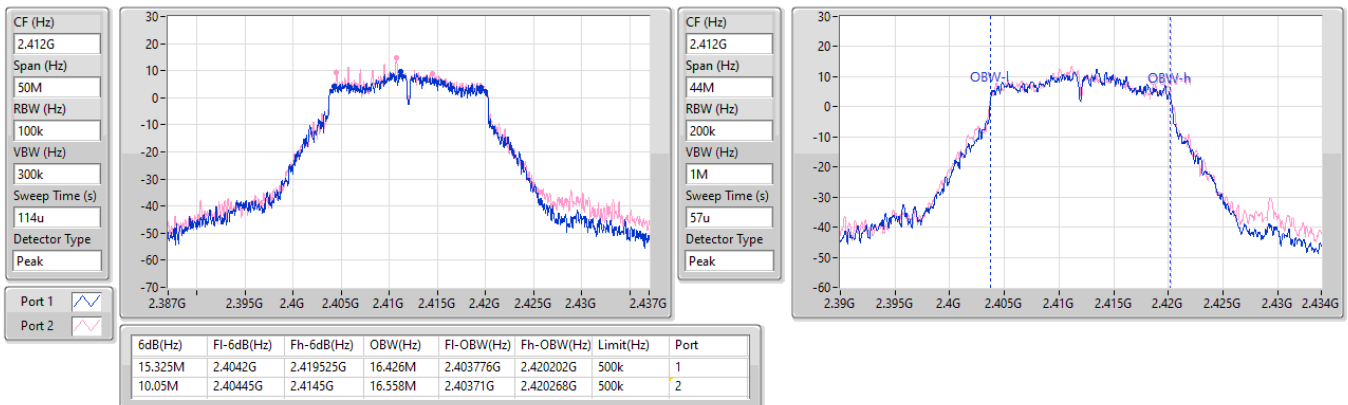


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

27/08/2024

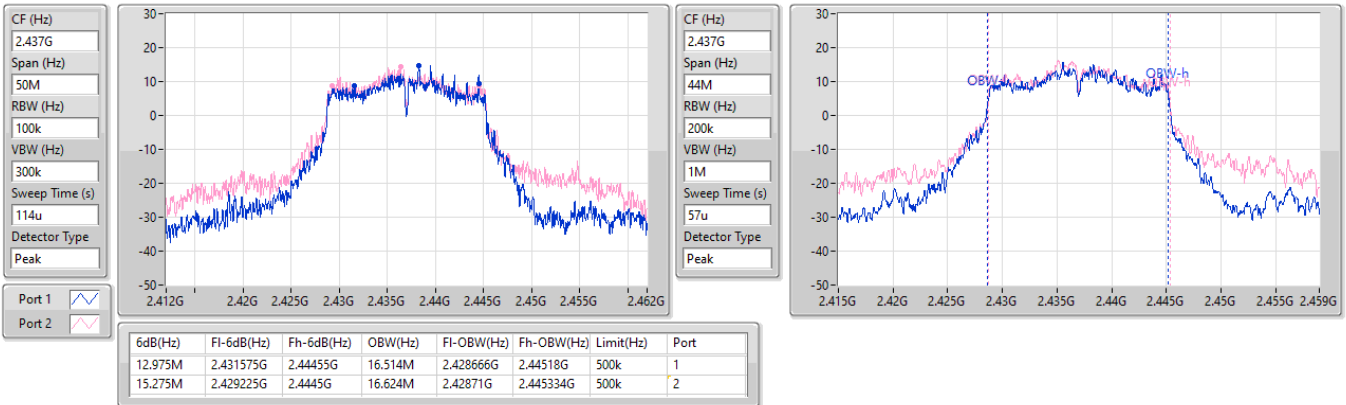


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

27/08/2024

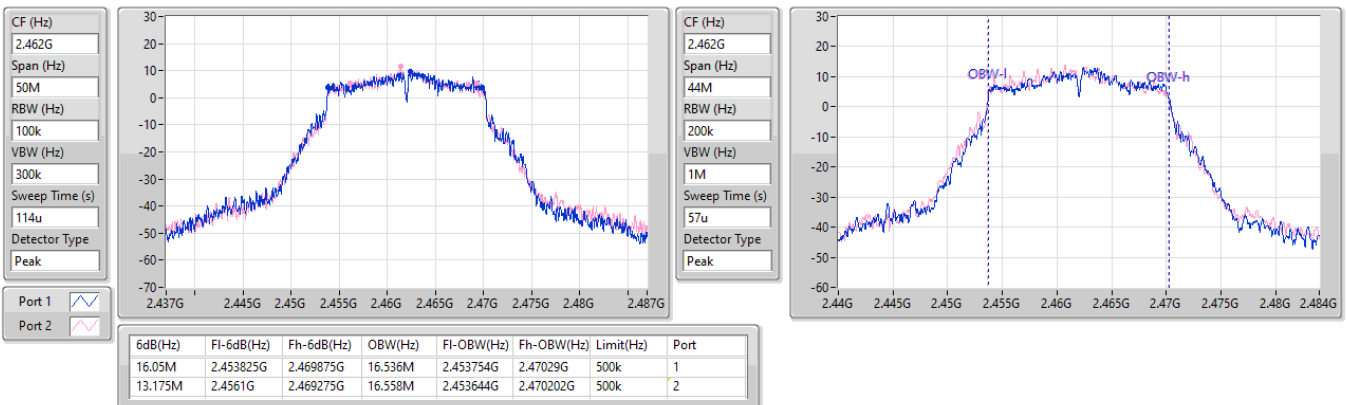


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

27/08/2024

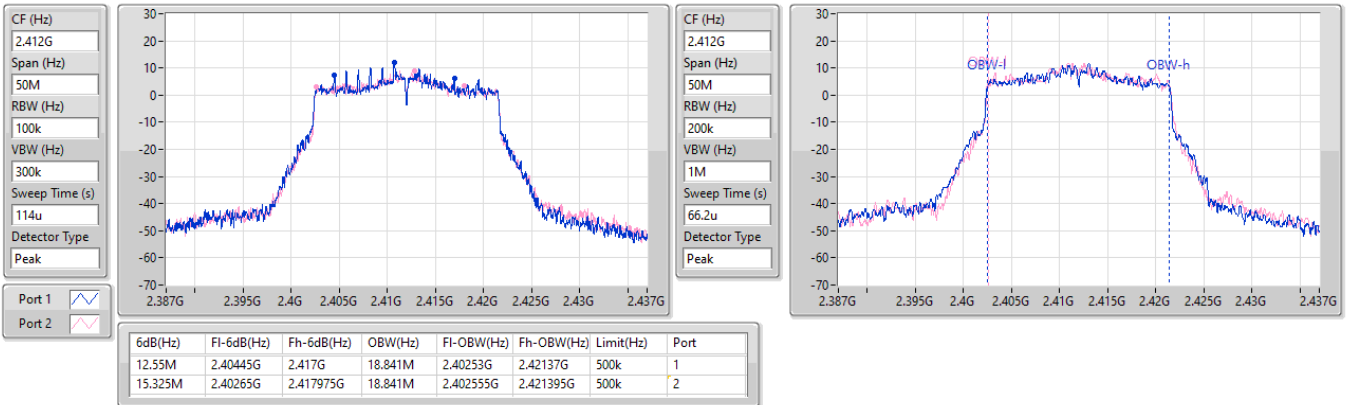


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

2412MHz

27/08/2024

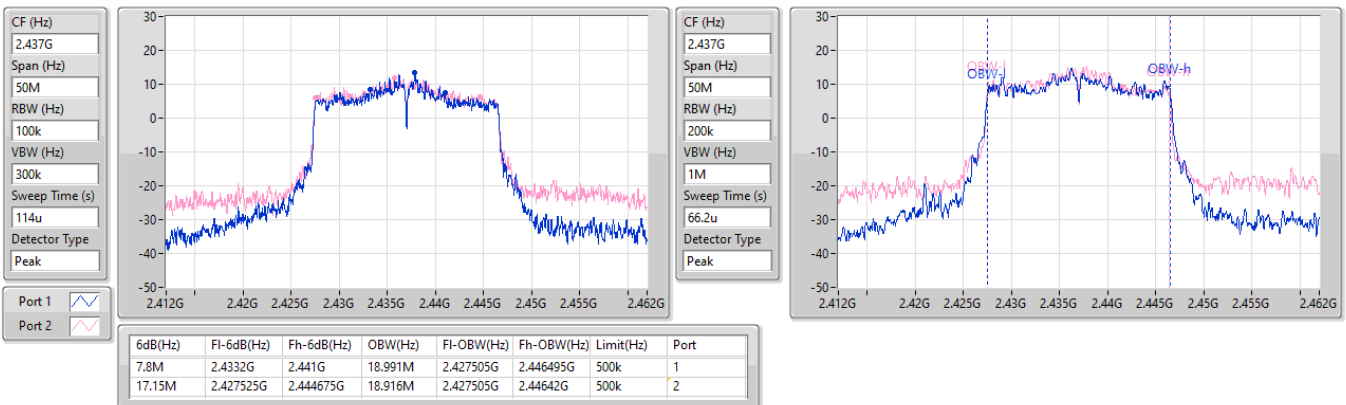


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

27/08/2024

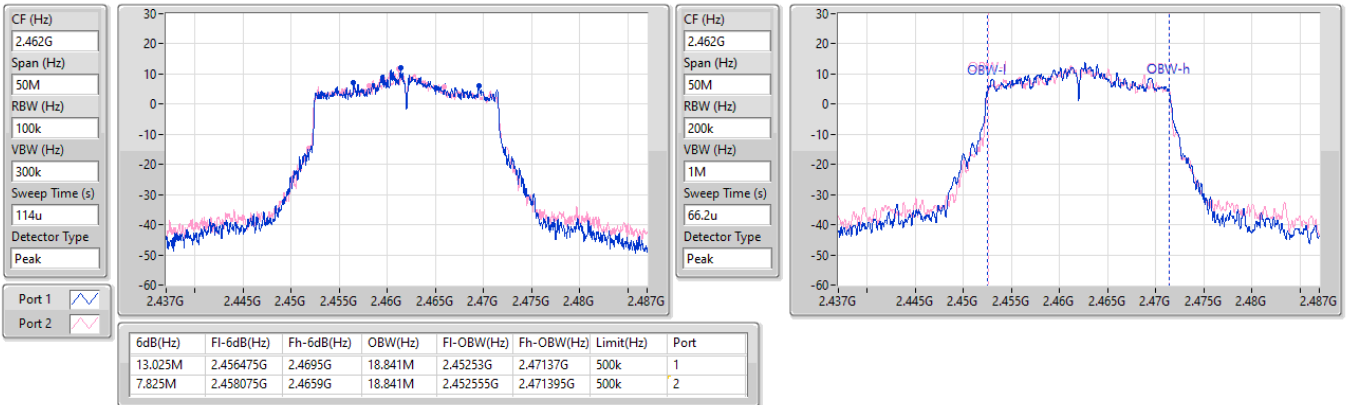


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

EBW

2462MHz

27/08/2024

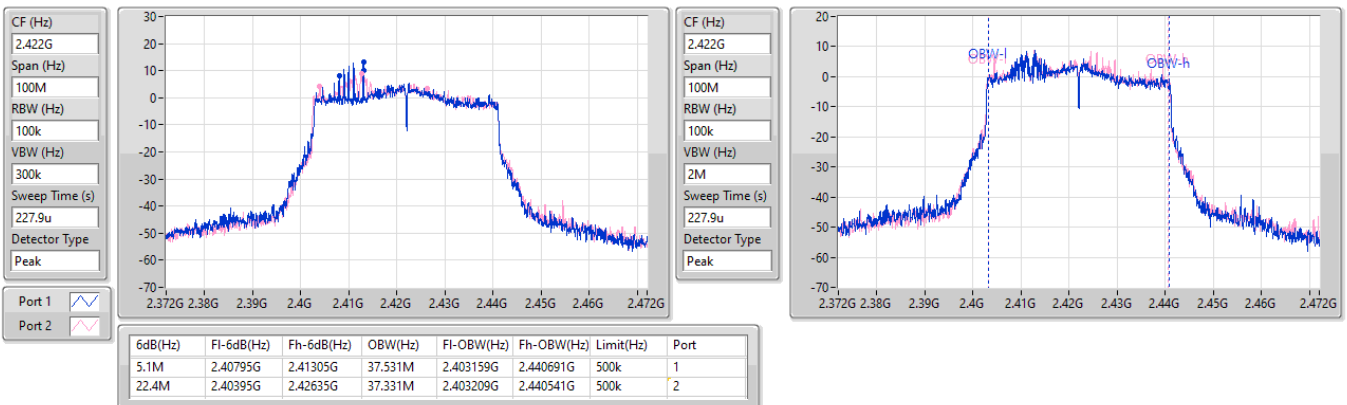


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

2422MHz

27/08/2024

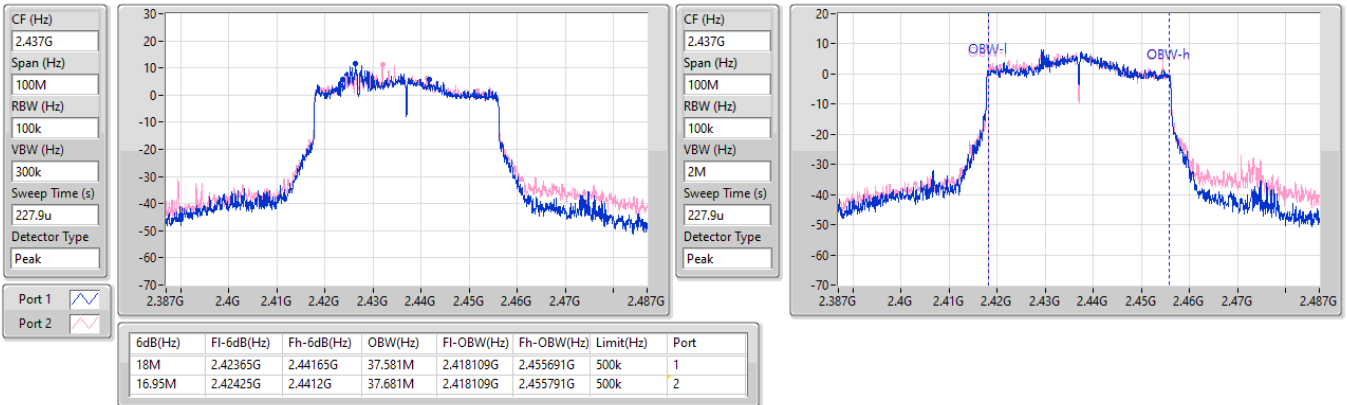


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

2437MHz

27/08/2024

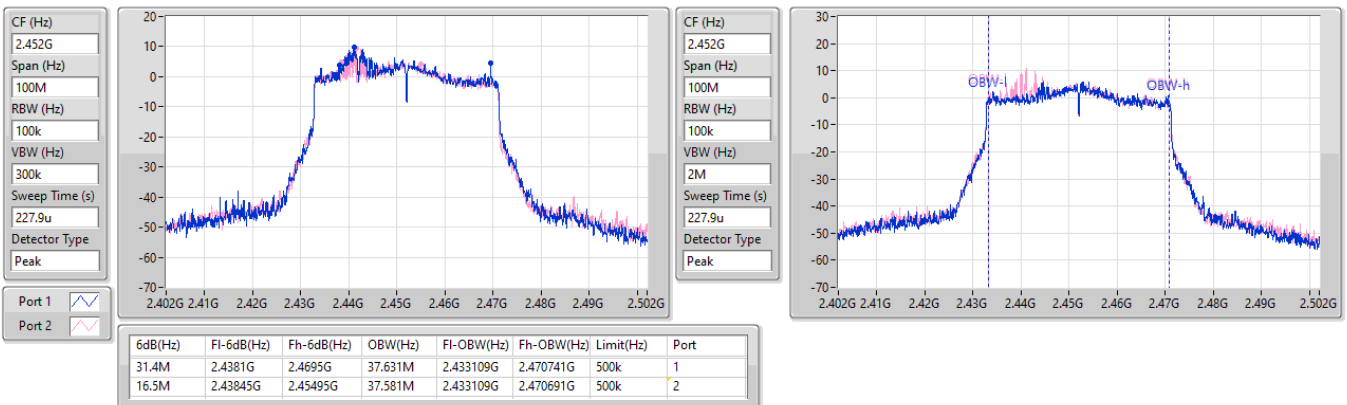


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

EBW

2452MHz

27/08/2024





Average Power

Appendix C

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	28.92	0.77983
802.11g_Nss1,(6Mbps)_2TX	28.19	0.65917
802.11be EHT20-BF_Nss1,(MCS0)_2TX	27.88	0.61376
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.99	0.31550

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.69	25.39	26.04	28.74	30.00
2437MHz	Pass	2.69	25.39	26.37	28.92	30.00
2462MHz	Pass	2.69	25.48	26.19	28.86	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.69	22.06	22.78	25.45	30.00
2437MHz	Pass	2.69	24.61	25.69	28.19	30.00
2462MHz	Pass	2.69	22.71	22.70	25.72	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.38	20.45	20.58	23.53	30.00
2417MHz	Pass	5.38	21.24	21.36	24.31	30.00
2437MHz	Pass	5.38	24.40	25.30	27.88	30.00
2462MHz	Pass	5.38	22.59	22.71	25.66	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.38	20.71	21.20	23.97	30.00
2437MHz	Pass	5.38	21.66	22.28	24.99	30.00
2452MHz	Pass	5.38	20.94	21.30	24.13	30.00

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	2.95
802.11g_Nss1,(6Mbps)_2TX	2.10
802.11be EHT20-BF_Nss1,(MCS0)_2TX	2.65
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-1.01

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.38	1.80	-1.35	2.72	8.00
2437MHz	Pass	5.38	-0.75	2.44	2.95	8.00
2462MHz	Pass	5.38	-0.82	-1.02	2.05	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.38	-5.18	-2.81	-1.15	8.00
2437MHz	Pass	5.38	-1.69	0.94	2.10	8.00
2462MHz	Pass	5.38	-3.94	-3.59	-0.75	8.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.38	-4.25	-4.61	-3.33	8.00
2437MHz	Pass	5.38	0.83	-0.27	2.65	8.00
2462MHz	Pass	5.38	-2.71	-1.40	-0.57	8.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.38	-6.60	-3.08	-2.90	8.00
2437MHz	Pass	5.38	-3.42	-0.53	-1.39	8.00
2452MHz	Pass	5.38	-4.76	-1.20	-1.01	8.00

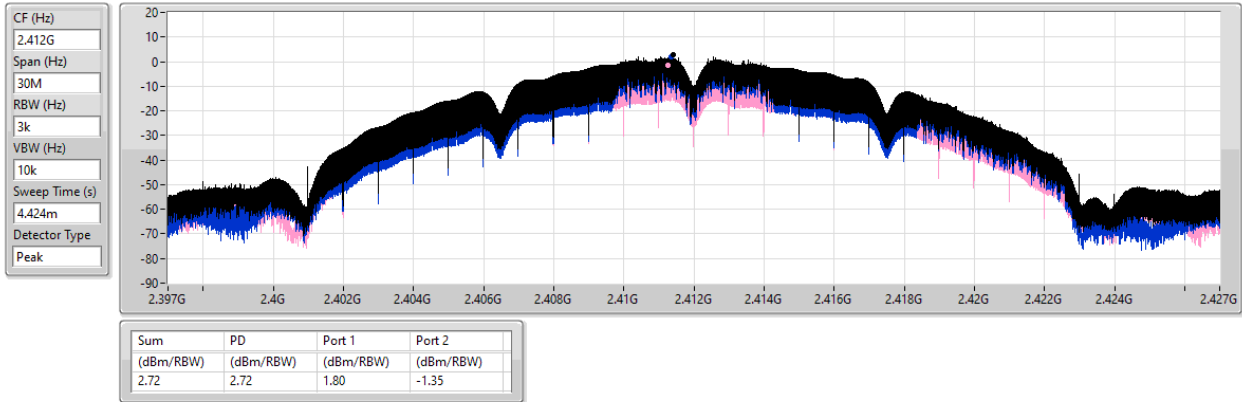
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

27/08/2024

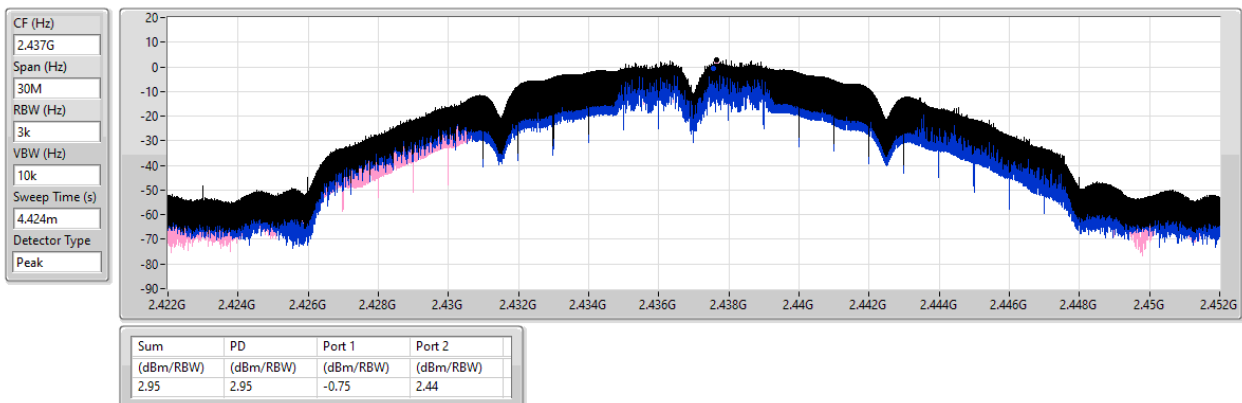


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

27/08/2024

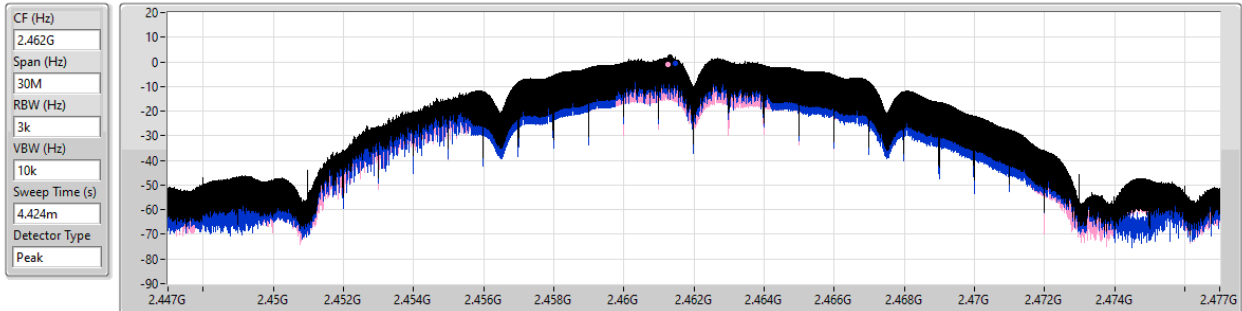


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

27/08/2024

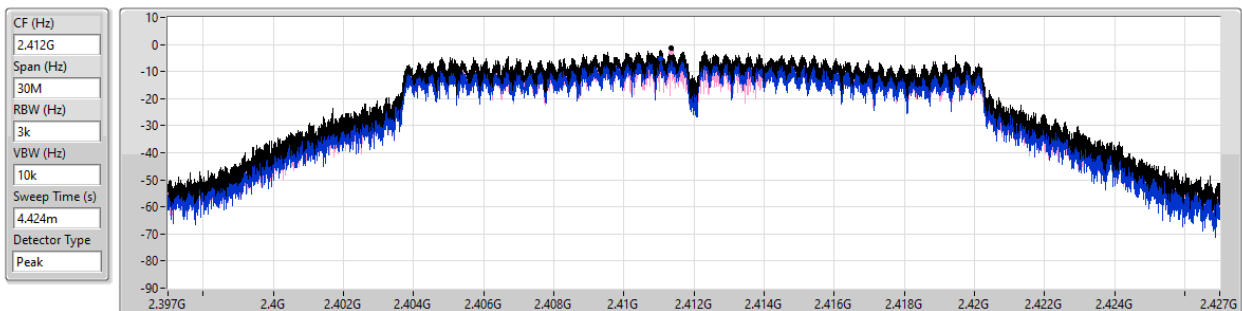


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

27/08/2024

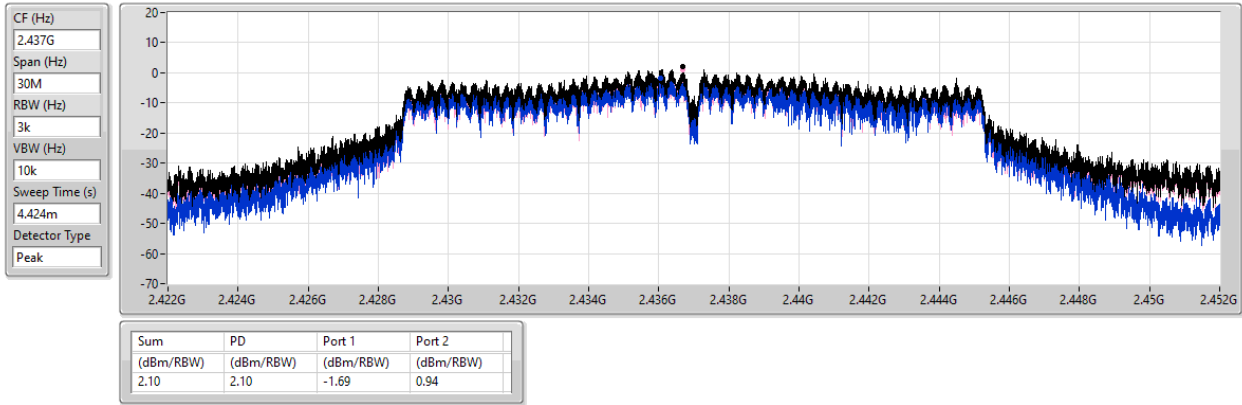


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

27/08/2024

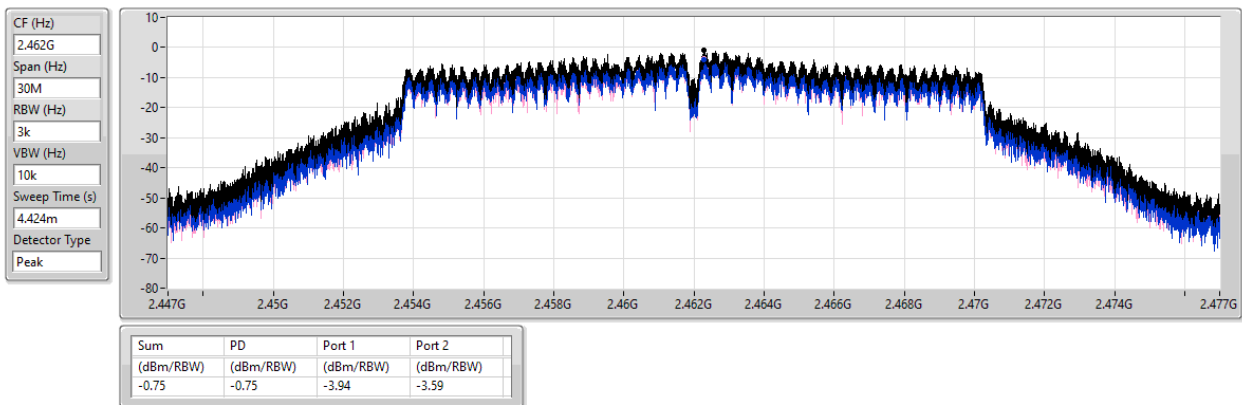


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

27/08/2024

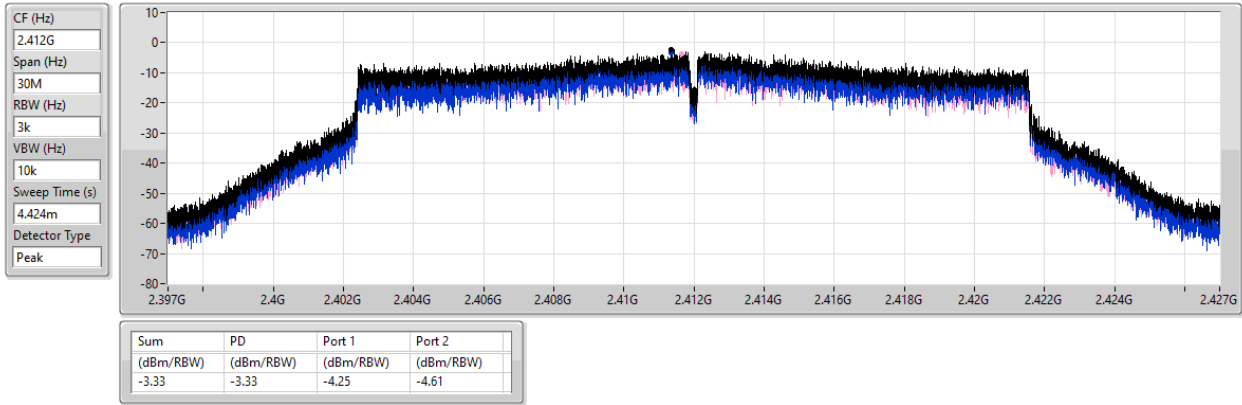


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

PSD

2412MHz

14/10/2024

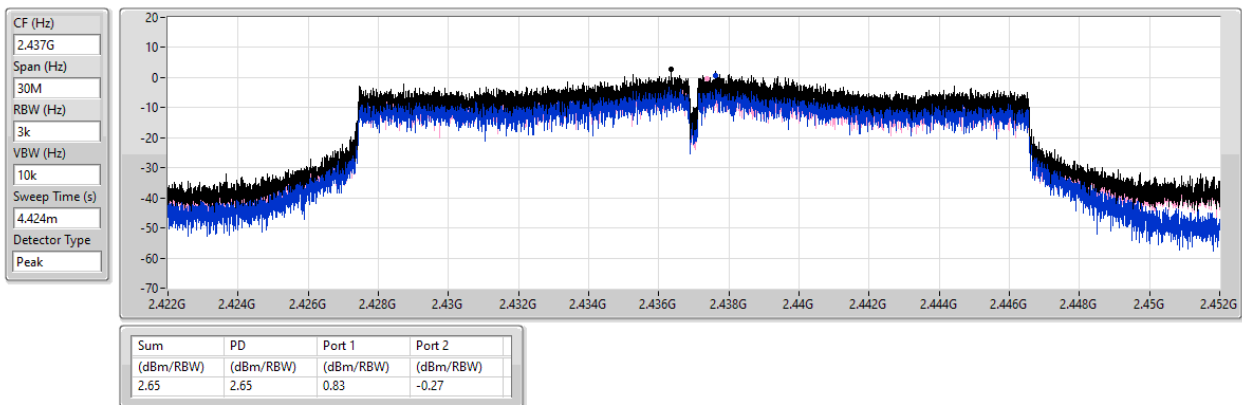


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

27/08/2024

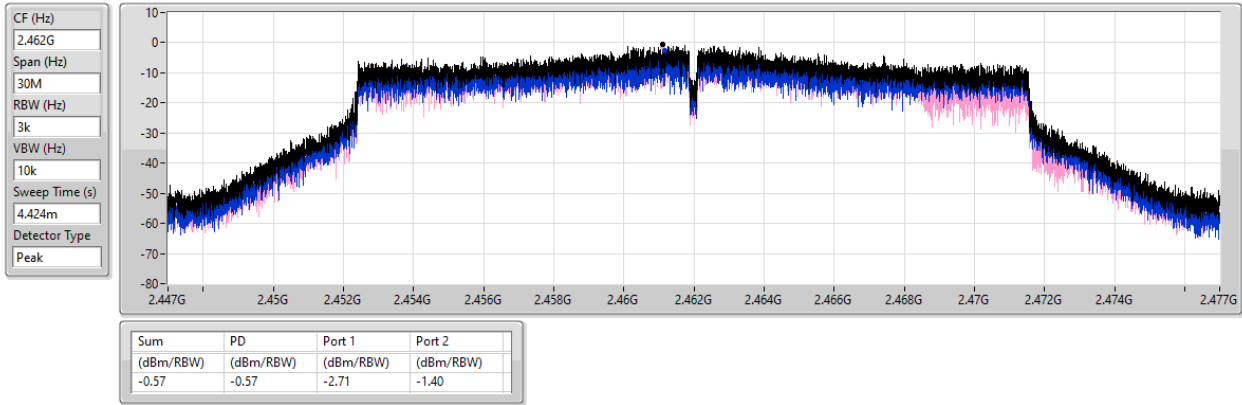


2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

PSD

2462MHz

27/08/2024

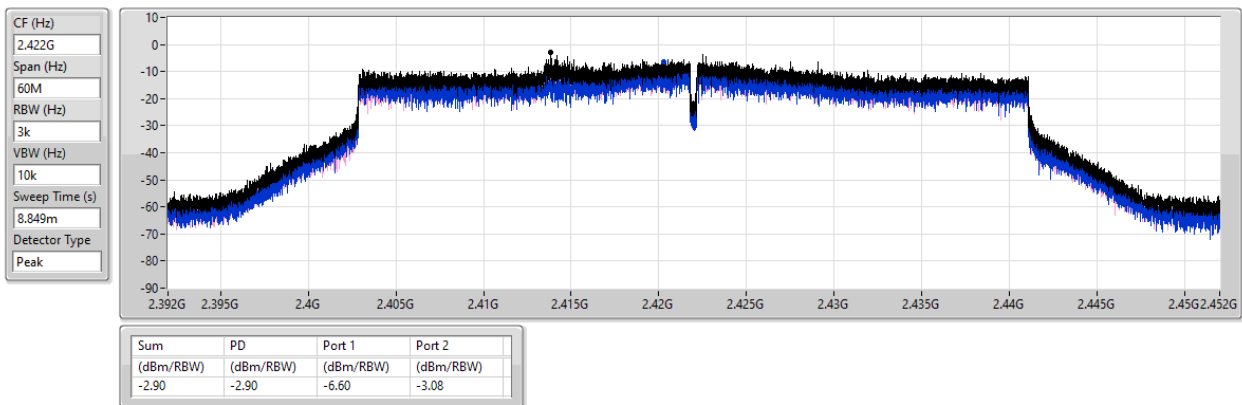


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

PSD

2422MHz

27/08/2024

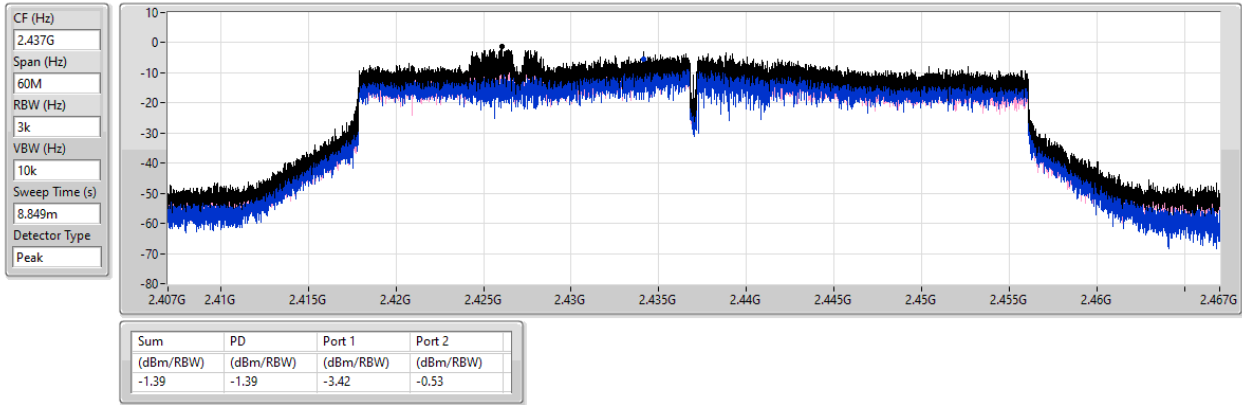


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

PSD

2437MHz

14/10/2024

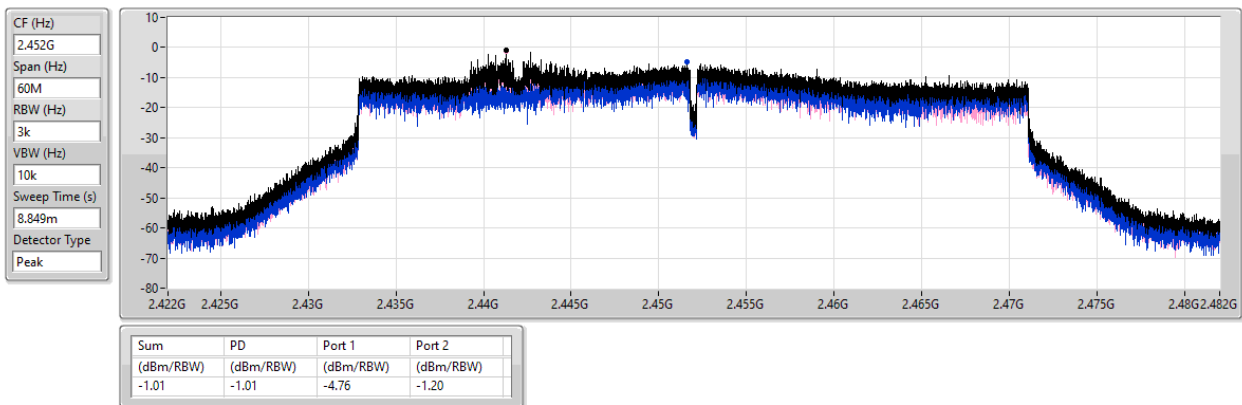


2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

PSD

2452MHz

27/08/2024





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	2.43841G	16.68	-13.32	934.04M	-47.28	2.4G	-30.51	2.4G	-30.81	2.5235G	-46.12	16.54603G	-37.12	1
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43941G	16.13	-13.87	2.16079G	-44.60	2.4G	-21.66	2.4G	-20.42	2.50014G	-45.55	23.17097G	-37.01	1
802.11be EHT20-BF_Nss1,(MCS0)_2TX	Pass	2.43574G	16.37	-13.63	2.18642G	-46.59	2.39992G	-22.18	2.4G	-20.94	2.51038G	-45.77	16.58536G	-37.11	1
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	2.42455G	11.42	-18.58	2.18718G	-46.89	2.4G	-23.29	2.4G	-22.26	2.5347G	-47.07	24.9355G	-36.64	2

Result

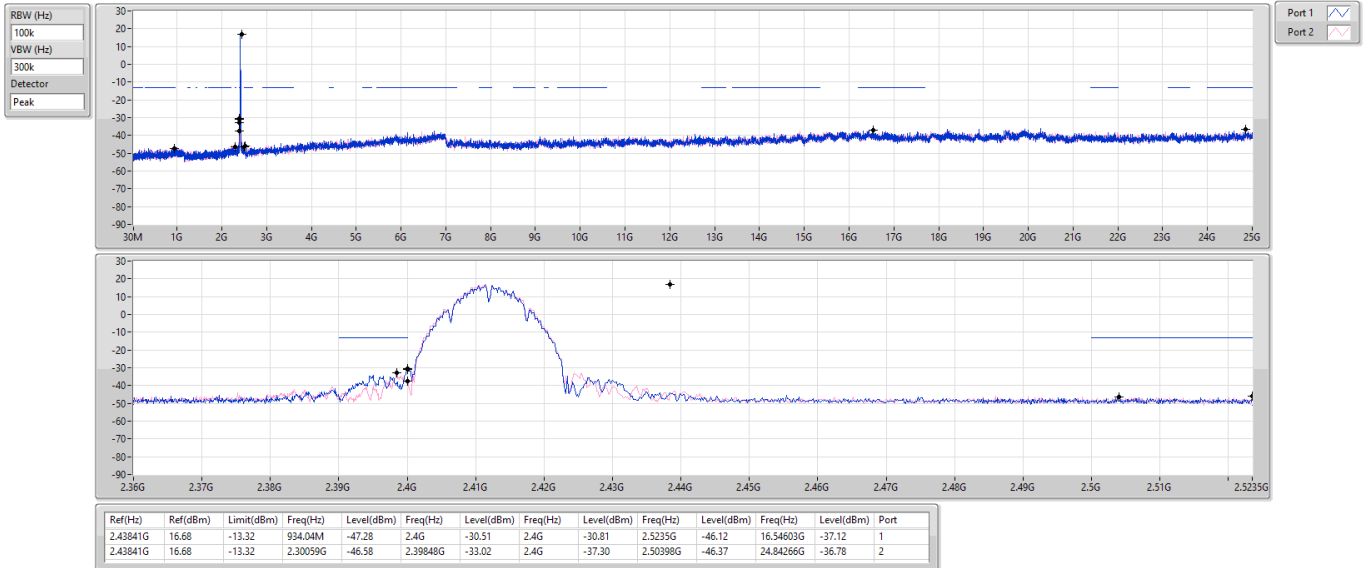
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1.(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43841G	16.68	-13.32	934.04M	-47.28	2.4G	-30.51	2.4G	-30.81	2.5235G	-46.12	16.54603G	-37.12	1
2412MHz	Pass	2.43841G	16.68	-13.32	2.30059G	-46.58	2.39848G	-33.02	2.4G	-37.30	2.50398G	-46.37	24.84266G	-36.78	2
2437MHz	Pass	2.43841G	16.68	-13.32	2.16079G	-45.64	2.39704G	-46.67	2.4G	-48.33	2.5135G	-46.38	16.79608G	-36.99	1
2437MHz	Pass	2.43841G	16.68	-13.32	2.09438G	-45.67	2.39952G	-45.79	2.4G	-45.72	2.51254G	-46.72	23.17659G	-37.76	2
2462MHz	Pass	2.43841G	16.68	-13.32	2.30408G	-47.25	2.39448G	-46.66	2.4G	-47.31	2.50614G	-45.84	16.22293G	-36.63	1
2462MHz	Pass	2.43841G	16.68	-13.32	2.19341G	-45.44	2.39744G	-46.23	2.4G	-48.25	2.50702G	-46.05	16.45331G	-36.75	2
802.11g_Nss1.(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43941G	16.13	-13.87	2.16079G	-44.60	2.4G	-21.66	2.4G	-20.42	2.50014G	-45.55	23.17097G	-37.01	1
2412MHz	Pass	2.43941G	16.13	-13.87	2.19574G	-45.66	2.39992G	-21.95	2.4G	-20.56	2.50246G	-46.43	16.22293G	-36.80	2
2437MHz	Pass	2.43941G	16.13	-13.87	2.30408G	-41.55	2.39832G	-39.15	2.4G	-40.20	2.50262G	-45.96	17.60523G	-36.57	1
2437MHz	Pass	2.43941G	16.13	-13.87	2.30175G	-45.04	2.3996G	-31.72	2.4G	-31.98	2.50166G	-44.26	17.54904G	-37.40	2
2462MHz	Pass	2.43941G	16.13	-13.87	2.16079G	-46.40	2.39672G	-45.85	2.4G	-47.18	2.51382G	-45.93	16.45893G	-36.75	1
2462MHz	Pass	2.43941G	16.13	-13.87	2.13516G	-45.35	2.4G	-44.86	2.4G	-46.02	2.52126G	-45.90	24.80895G	-36.78	2
802.11be EHT20-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	16.37	-13.63	2.18642G	-46.59	2.39992G	-22.18	2.4G	-20.94	2.51038G	-45.77	16.58536G	-37.11	1
2412MHz	Pass	2.43574G	16.37	-13.63	2.18059G	-46.28	2.4G	-23.63	2.4G	-21.24	2.50046G	-46.03	24.86795G	-37.03	2
2437MHz	Pass	2.43574G	16.37	-13.63	2.19574G	-44.18	2.3968G	-37.33	2.4G	-37.42	2.50382G	-46.15	16.78484G	-36.83	1
2437MHz	Pass	2.43574G	16.37	-13.63	2.30874G	-44.45	2.39952G	-31.24	2.4G	-29.99	2.50254G	-44.05	24.8539G	-37.34	2
2462MHz	Pass	2.43574G	16.37	-13.63	2.16079G	-44.31	2.39096G	-46.05	2.4G	-48.10	2.50414G	-44.21	6.98789G	-37.01	1
2462MHz	Pass	2.43574G	16.37	-13.63	2.30059G	-46.43	2.39176G	-46.49	2.4G	-47.37	2.5035G	-44.08	16.20607G	-35.62	2
802.11be EHT40-BF_Nss1.(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.42455G	11.42	-18.58	934.55M	-47.10	2.39968G	-24.40	2.4G	-22.59	2.56062G	-46.87	16.41804G	-36.08	1
2422MHz	Pass	2.42455G	11.42	-18.58	2.18718G	-46.89	2.4G	-23.29	2.4G	-22.26	2.5347G	-47.07	24.9355G	-36.64	2
2437MHz	Pass	2.42455G	11.42	-18.58	1.9204G	-45.72	2.3992G	-35.92	2.4G	-37.31	2.50318G	-42.21	16.79105G	-37.44	1
2437MHz	Pass	2.42455G	11.42	-18.58	2.19749G	-44.59	2.39888G	-28.15	2.4G	-36.02	2.5019G	-36.59	16.22733G	-36.20	2
2452MHz	Pass	2.42455G	11.42	-18.58	2.18833G	-45.17	2.3944G	-44.35	2.4G	-45.87	2.51694G	-45.28	24.87379G	-37.46	1
2452MHz	Pass	2.42455G	11.42	-18.58	2.30741G	-44.93	2.39856G	-44.28	2.4G	-47.76	2.50318G	-44.40	24.98878G	-36.74	2

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

CSEndB

2412MHz

27/08/2024

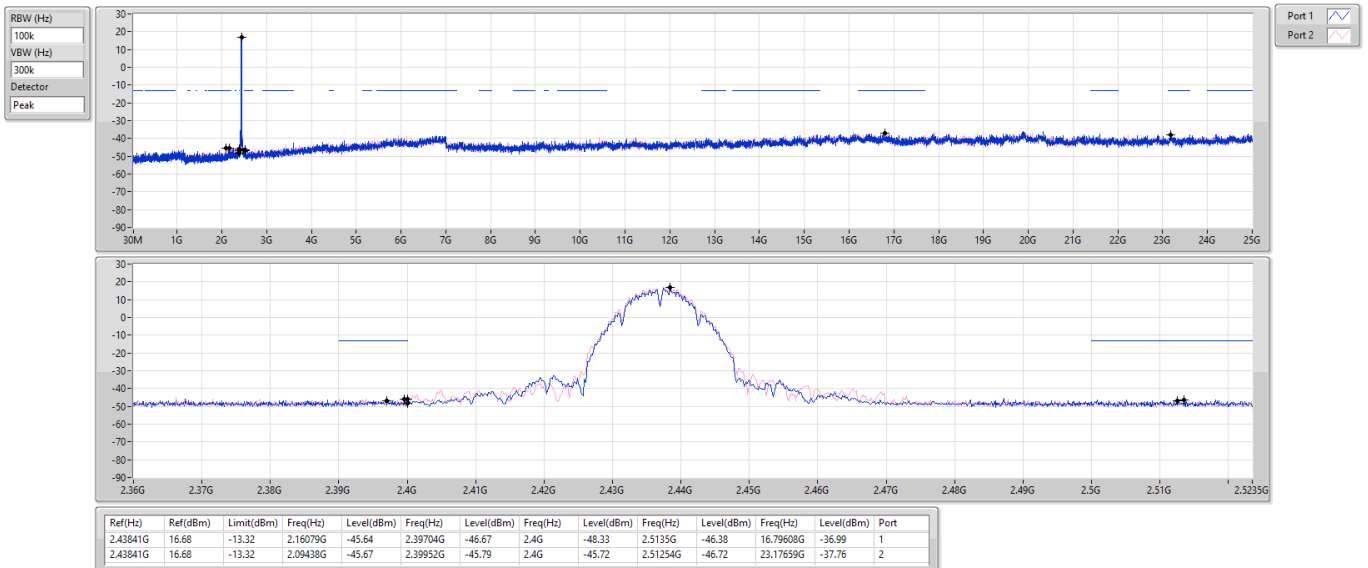


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

27/08/2024



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

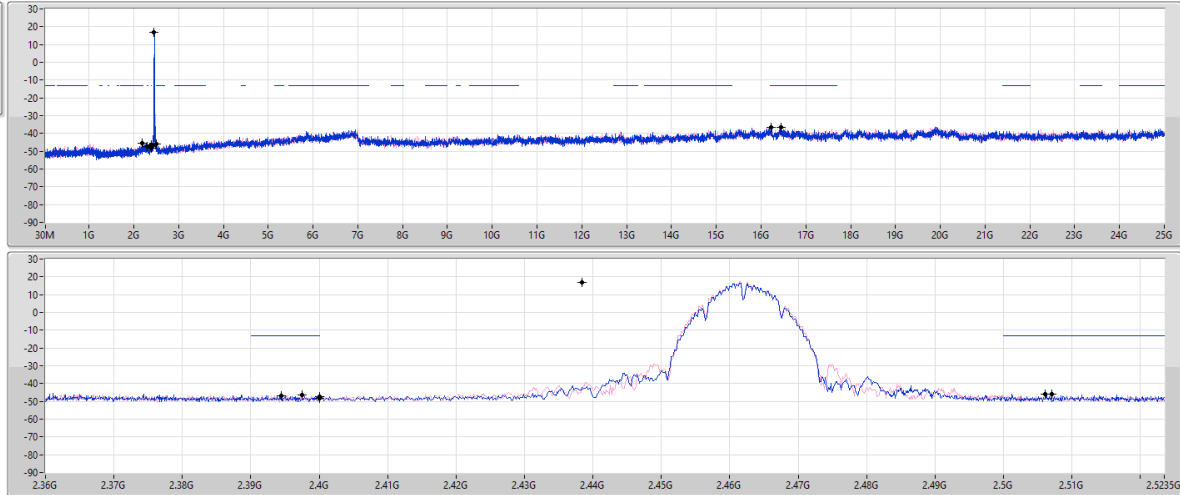
CSEndB

2462MHz

27/08/2024

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

Port 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
2.43841G	16.68	-13.32	2.30408G	-47.25	2.39448G	-46.66	2.4G	-47.31	2.50614G	-45.84	16.22293G	-36.63	1
2.43841G	16.68	-13.32	2.19341G	-45.44	2.39744G	-46.23	2.4G	-48.25	2.50702G	-46.05	16.45331G	-36.75	2

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

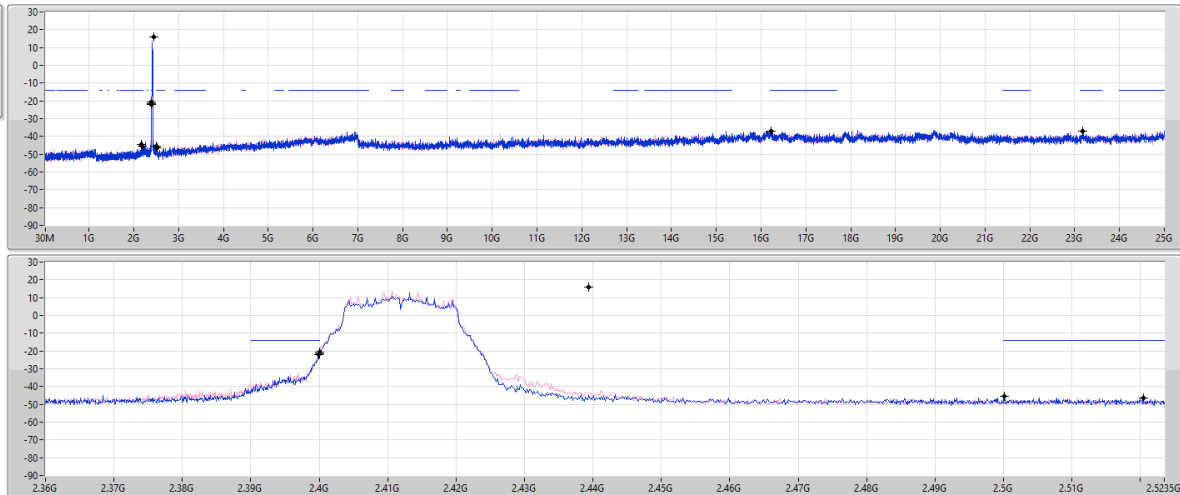
CSEndB

2412MHz

27/08/2024

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

Port 1
Port 2



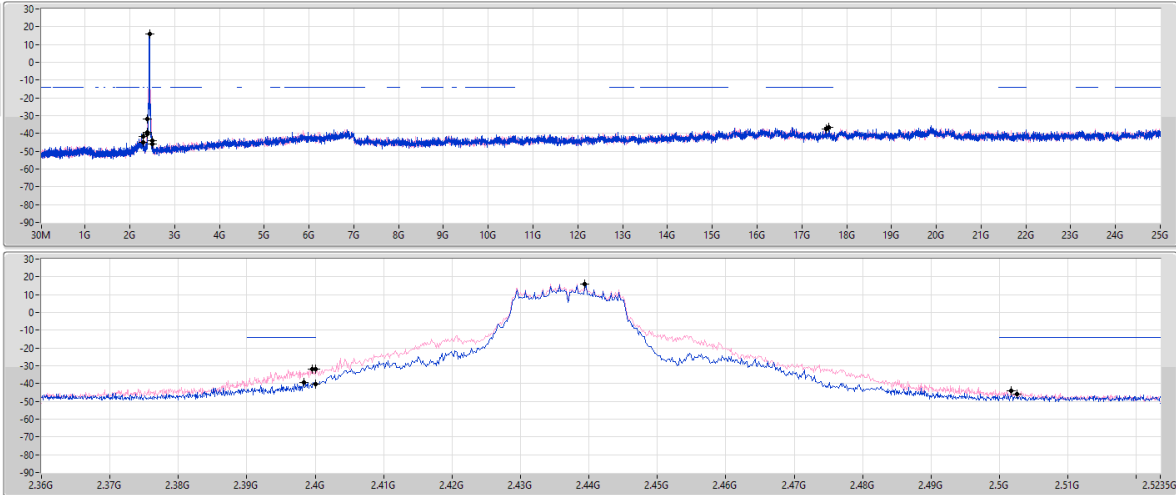
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43941G	16.13	-13.87	2.16079G	-44.60	2.4G	-21.66	2.4G	-20.42	2.50014G	-45.55	23.17097G	-37.01	1
2.43941G	16.13	-13.87	2.19574G	-45.66	2.39992G	-21.95	2.4G	-20.56	2.52046G	-46.43	16.22293G	-36.80	2

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

CSEndB

2437MHz

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



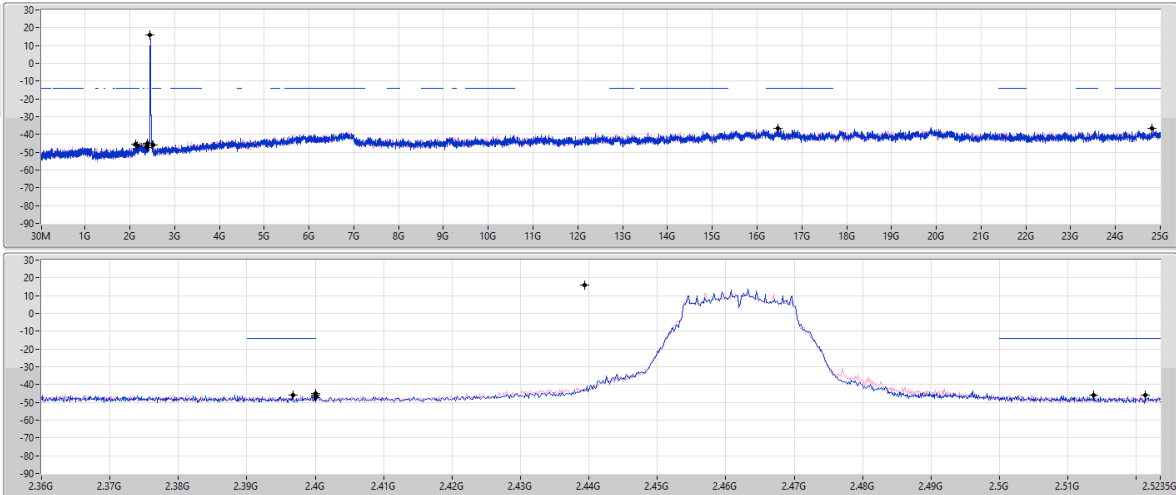
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2.43941G	16.13	-13.87	2.30408G	-41.55	2.39832G	-39.15	2.4G	-40.20	2.50262G	-45.96	17.60523G	-36.57	1
2.43941G	16.13	-13.87	2.30175G	-45.04	2.3996G	-31.72	2.4G	-31.98	2.50166G	-44.26	17.54904G	-37.40	2

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

CSEndB

2462MHz

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



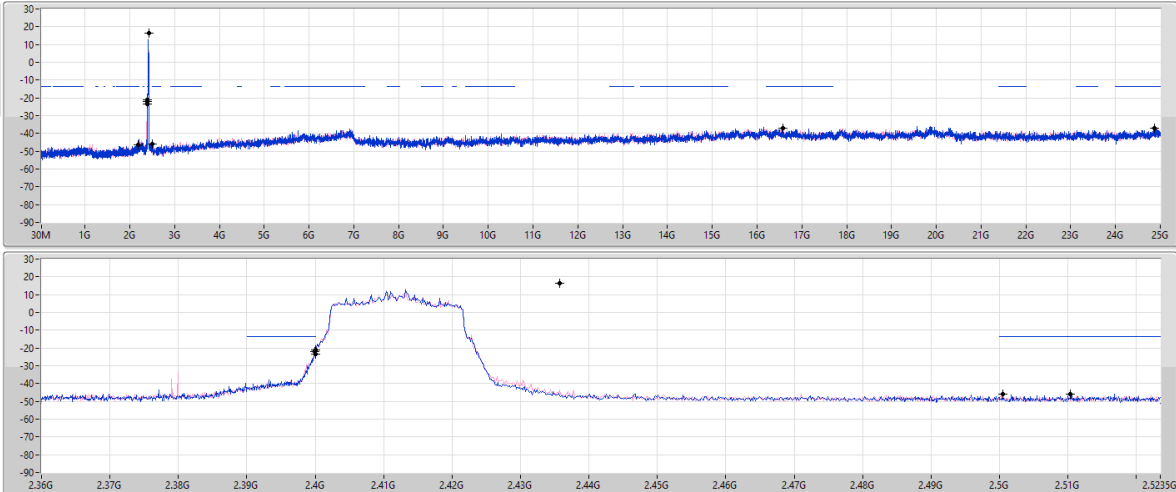
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2.43941G	16.13	-13.87	2.16079G	-46.40	2.39672G	-45.85	2.4G	-47.18	2.51382G	-45.93	16.45893G	-36.75	1
2.43941G	16.13	-13.87	2.13516G	-45.35	2.4G	-44.86	2.4G	-46.02	2.52126G	-45.90	24.80895G	-36.78	2

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

CSEndB

2412MHz

27/08/2024

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

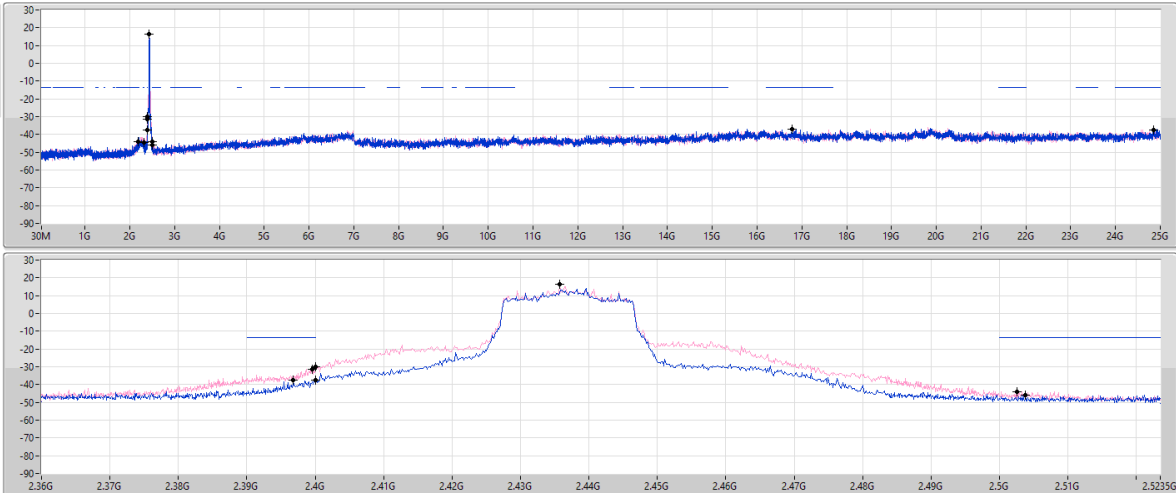
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	16.37	-13.63	2.18642G	-46.59	2.39992G	-22.18	2.4G	-20.94	2.51038G	-45.77	16.58536G	-37.11	1
2.43574G	16.37	-13.63	2.18059G	-46.28	2.4G	-23.63	2.4G	-21.24	2.50046G	-46.03	24.86795G	-37.03	2

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

CSEndB

2437MHz

27/08/2024

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

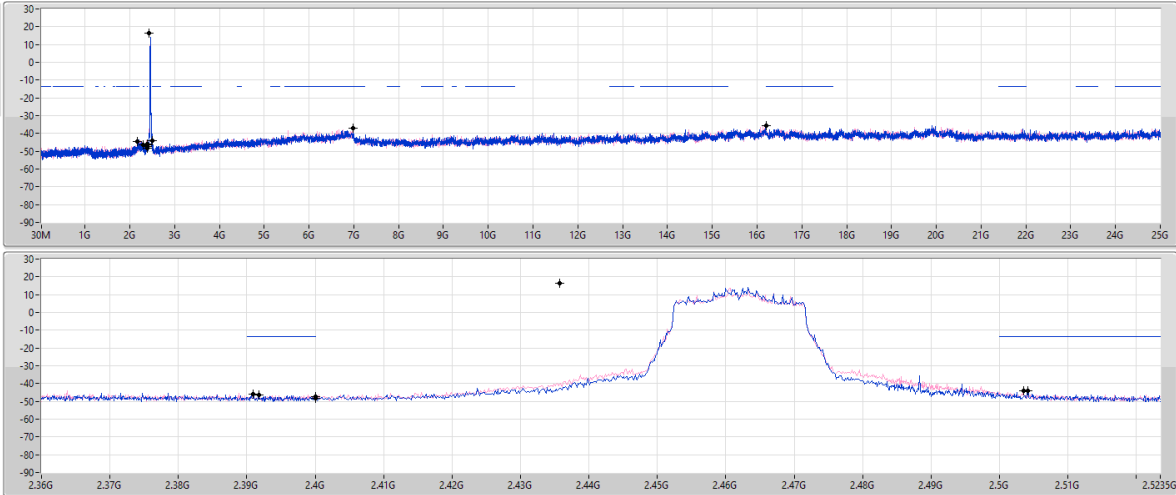
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	16.37	-13.63	2.19574G	-44.18	2.3968G	-37.33	2.4G	-37.42	2.50382G	-46.15	16.78484G	-36.83	1
2.43574G	16.37	-13.63	2.30874G	-44.45	2.39952G	-31.24	2.4G	-29.99	2.50254G	-44.05	24.8539G	-37.34	2

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

CSEndB

2462MHz

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



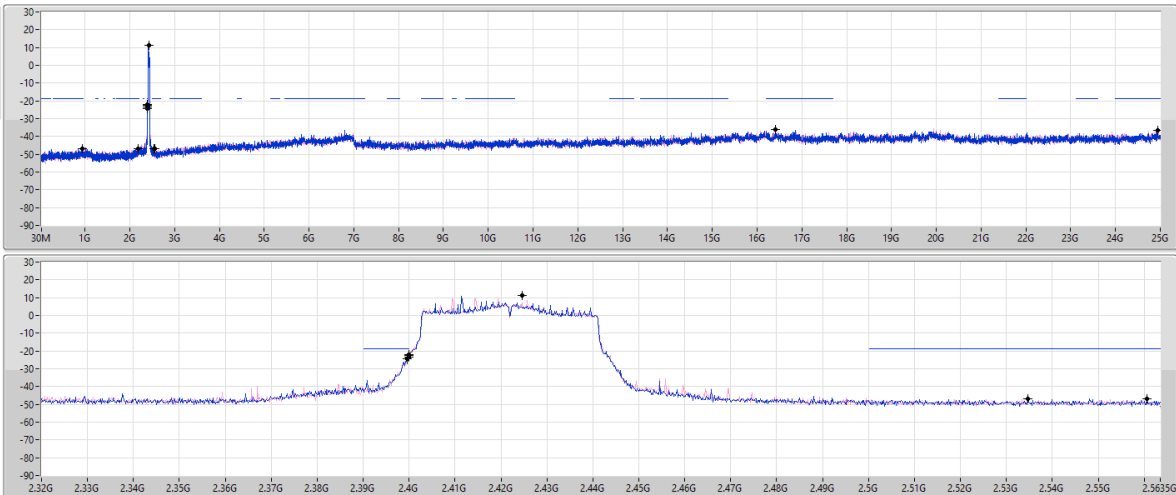
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2.43574G	16.37	-13.63	2.16079G	-44.31	2.39096G	-46.05	2.4G	-48.10	2.50414G	-44.21	6.98789G	-37.01	1
2.43574G	16.37	-13.63	2.30059G	-46.43	2.39176G	-46.49	2.4G	-47.37	2.5035G	-44.08	16.20607G	-35.62	2

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

CSEndB

2422MHz

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



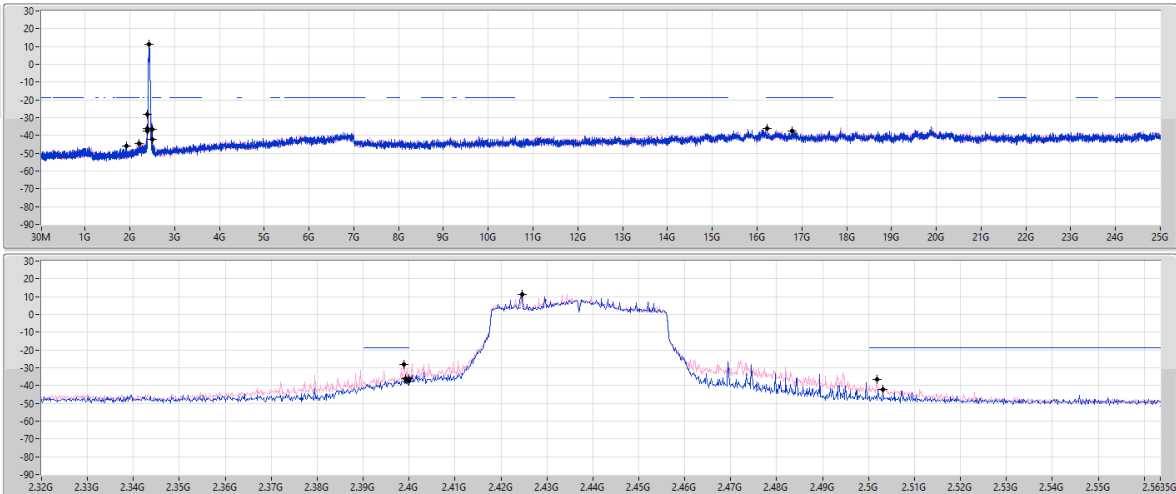
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42455G	11.42	-18.58	934.55M	-47.10	2.39968G	-24.40	2.4G	-22.59	2.58062G	-46.87	16.41804G	-36.08	1
2.42455G	11.42	-18.58	2.18718G	-46.89	2.4G	-23.29	2.4G	-22.26	2.5347G	-47.07	24.9335G	-36.64	2

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

CSEndB

2437MHz

27/08/2024

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

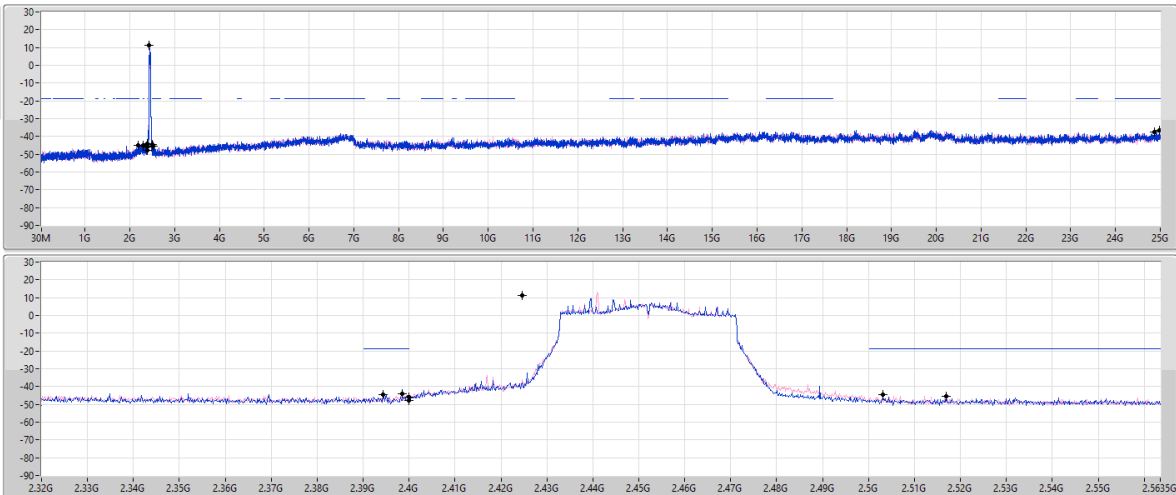
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42455G	11.42	-18.58	1.9204G	-45.72	2.3992G	-35.92	2.4G	-37.31	2.50318G	-42.21	16.79105G	-37.44	1
2.42455G	11.42	-18.58	2.19749G	-44.59	2.39888G	-28.15	2.4G	-36.02	2.5019G	-36.59	16.22733G	-36.20	2

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

CSEndB

2452MHz

27/08/2024

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
2.42455G	11.42	-18.58	2.18833G	-45.17	2.3944G	-44.35	2.4G	-45.87	2.51694G	-45.28	24.87379G	-37.46	1
2.42455G	11.42	-18.58	2.30741G	-44.93	2.39859G	-44.28	2.4G	-47.76	2.50318G	-44.40	24.98878G	-36.74	2



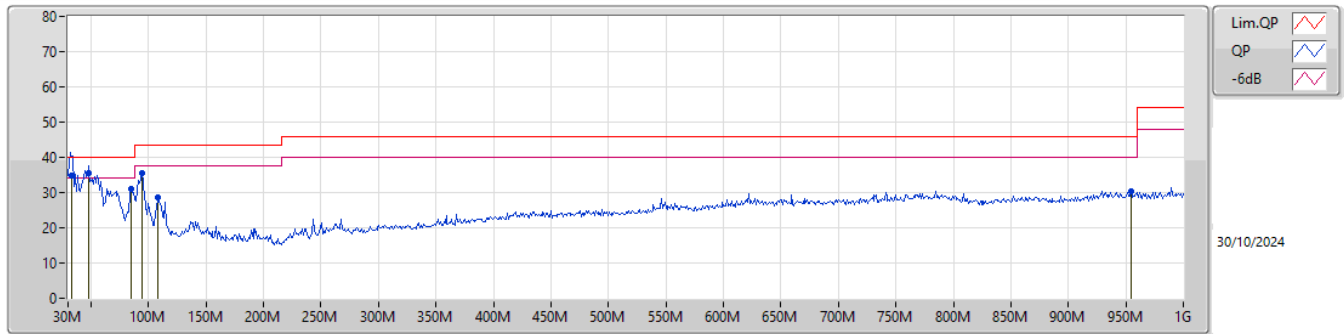
Radiated Emissions below 1GHz

Appendix F.1

Summary

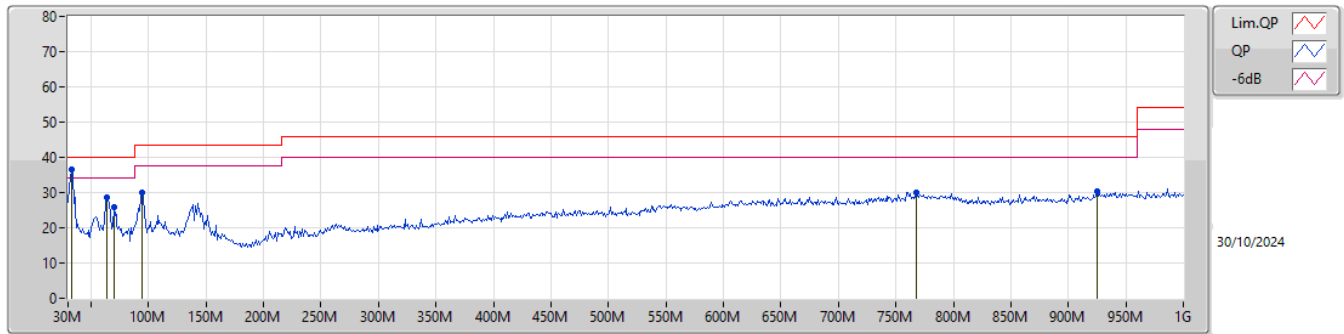
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	32.91M	36.57	40.00	-3.43	Horizontal

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)		
QP	32.91M	34.90	40.00	-5.10	-9.17	3	Vertical	210	1.00	-	44.07	22.68	0.56	32.41		
PK	48.43M	35.42	40.00	-4.58	-16.94	3	Vertical	1	1.00	"Worst"	52.36	14.74	0.66	32.34		
PK	85.29M	31.04	40.00	-8.96	-17.60	3	Vertical	138	1.50	-	48.64	13.80	0.98	32.38		
PK	94.02M	35.60	43.50	-7.90	-15.89	3	Vertical	283	1.25	-	51.49	15.49	1.00	32.38		
PK	108.57M	28.63	43.50	-14.87	-13.85	3	Vertical	168	1.25	-	42.48	17.46	1.02	32.33		
PK	954.41M	30.27	46.00	-15.73	-0.72	3	Vertical	186	2.00	-	30.99	26.63	3.08	30.43		

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	32.91M	36.57	40.00	-3.43	-9.17	3	Horizontal	241	1.25	"Worst"	45.74	22.68	0.56	32.41		
PK	63.95M	28.71	40.00	-11.29	-19.37	3	Horizontal	360	1.00	-	48.08	12.16	0.75	32.28		
PK	69.77M	25.76	40.00	-14.24	-19.24	3	Horizontal	17	2.00	-	45.00	12.18	0.87	32.29		
PK	94.02M	29.97	43.50	-13.53	-15.89	3	Horizontal	204	2.00	-	45.86	15.49	1.00	32.38		
PK	768.17M	30.11	46.00	-15.89	-2.99	3	Horizontal	140	1.50	-	33.10	25.70	2.75	31.44		
PK	925.31M	30.33	46.00	-15.67	-1.45	3	Horizontal	6	2.00	-	31.78	26.48	3.06	30.99		

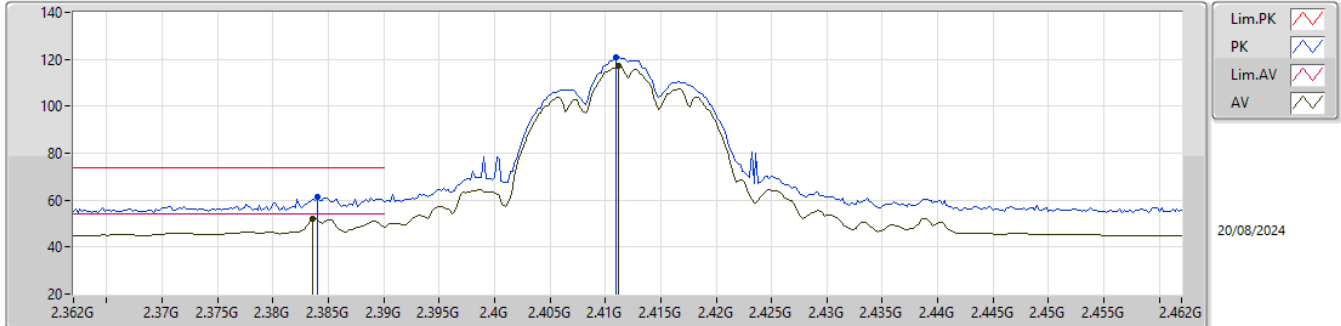


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT40-BF_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.11	54.00	-0.89	3	Vertical	153	1.80	-

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

2412MHz_TX

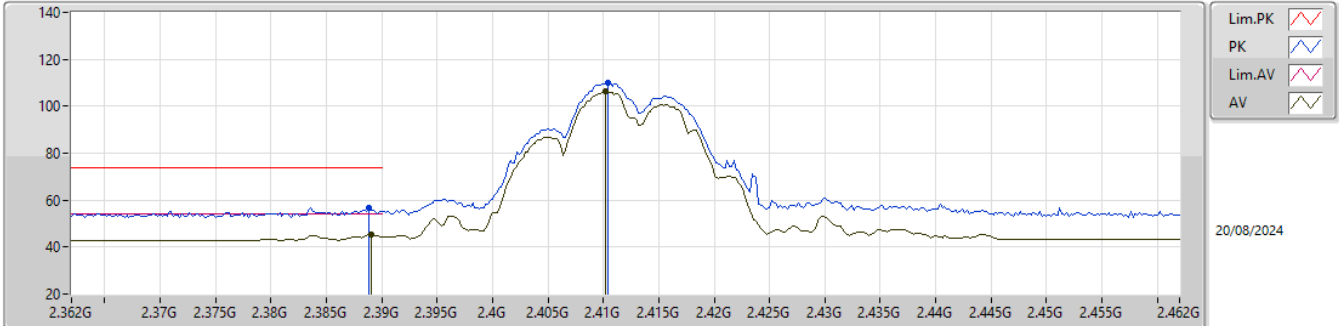


EUT_Y_2TX
Setting 26
03-E-R-7

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	2.384G	61.25	74.00	-12.75	28.65	3	Vertical	165	1.38	-	28.24	4.36	-			
AV	2.3836G	51.88	54.00	-2.12	19.28	3	Vertical	165	1.38	-	28.24	4.36	-			
PK	2.411G	120.88	Inf	-Inf	88.19	3	Vertical	165	1.38	-	28.30	4.39	-			
AV	2.4112G	117.38	Inf	-Inf	84.69	3	Vertical	165	1.38	-	28.30	4.39	-			

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

2412MHz_TX

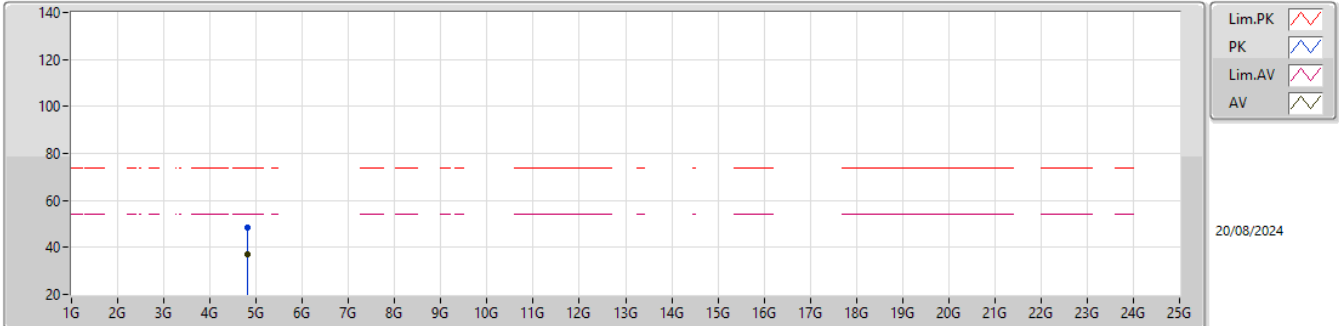


EUT_Y_2TX
Setting 26
01-C-V-1

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	2.3888G	56.92	74.00	-17.08	25.81	3	Horizontal	146	1.71	-	27.39	3.72	-			
AV	2.389G	45.38	54.00	-8.62	14.27	3	Horizontal	146	1.71	-	27.39	3.72	-			
PK	2.4104G	109.81	Inf	-Inf	78.58	3	Horizontal	146	1.71	-	27.50	3.73	-			
AV	2.4102G	106.30	Inf	-Inf	75.07	3	Horizontal	146	1.71	-	27.50	3.73	-			

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

2412MHz_TX

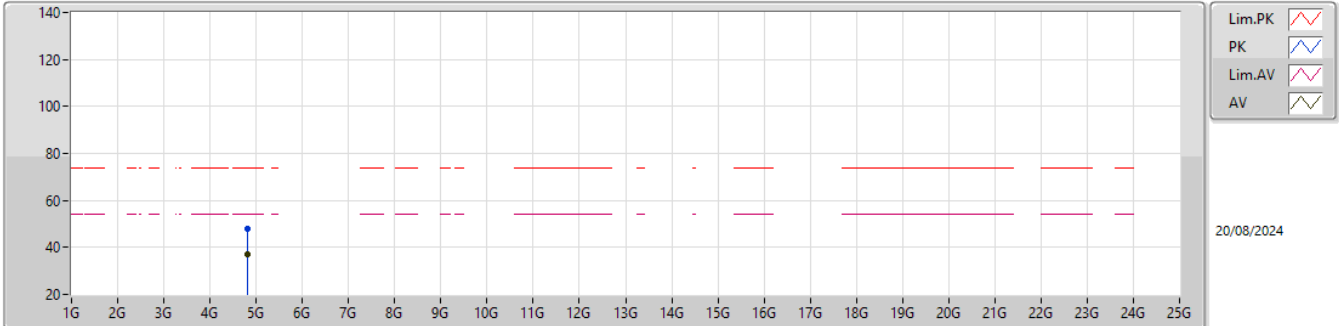


EUT_Y_2TX
Setting 26
03-E-R-7

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	4.82396G	48.61	74.00	-25.39	44.40	3	Vertical	324	1.77	-	33.25	6.29	35.33			
AV	4.824G	36.83	54.00	-17.17	32.62	3	Vertical	324	1.77	-	33.25	6.29	35.33			

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

2412MHz_TX

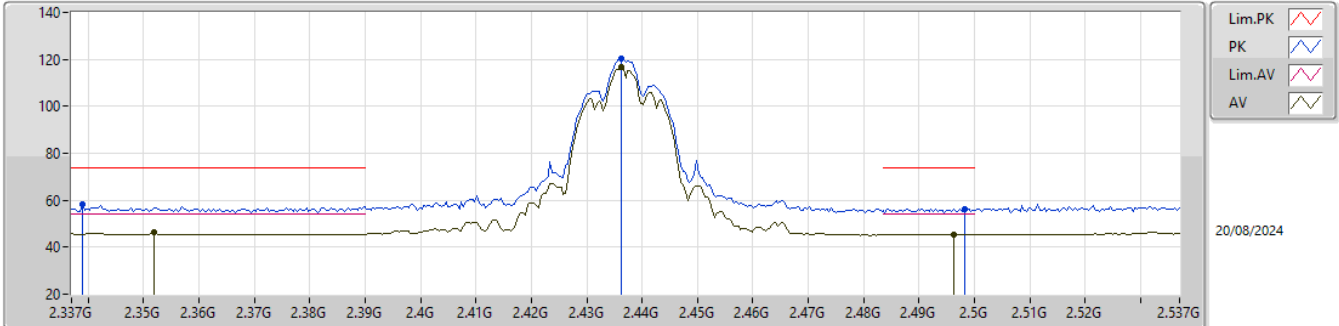


EUT_Y_2TX
Setting 26
03-E-R-7

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	4.82416G	47.94	74.00	-26.06	43.73	3	Horizontal	165	1.70	-	33.25	6.29	35.33			
AV	4.824G	37.32	54.00	-16.68	33.11	3	Horizontal	165	1.70	-	33.25	6.29	35.33			

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

2437MHz_TX

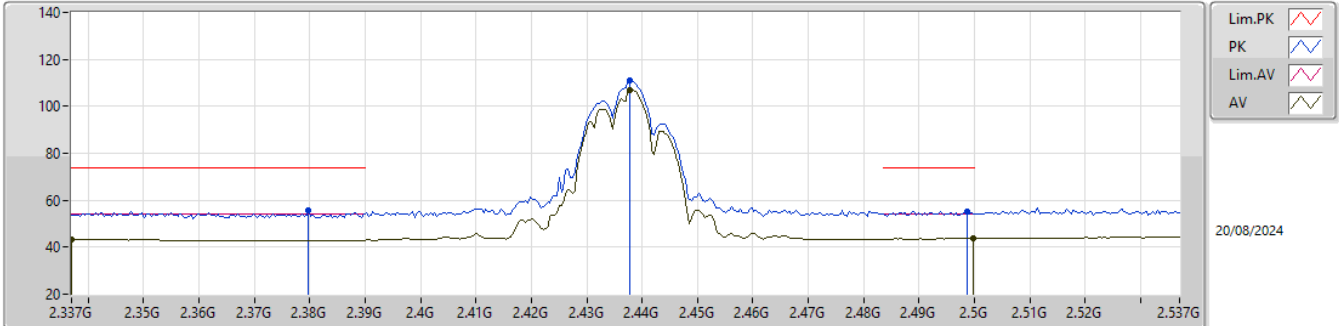


EUT_Y_2TX
Setting 26
03-E-R-7

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	2.339G	58.06	74.00	-15.94	25.66	3	Vertical	169	1.00	-	28.09	4.31	-			
AV	2.3518G	46.20	54.00	-7.80	13.75	3	Vertical	169	1.00	-	28.12	4.33	-			
PK	2.4362G	120.38	Inf	-Inf	87.68	3	Vertical	169	1.00	-	28.30	4.40	-			
AV	2.4362G	116.85	Inf	-Inf	84.15	3	Vertical	169	1.00	-	28.30	4.40	-			
PK	2.4982G	56.36	74.00	-17.64	23.52	3	Vertical	169	1.00	-	28.40	4.44	-			
AV	2.4962G	45.36	54.00	-8.64	12.52	3	Vertical	169	1.00	-	28.40	4.44	-			

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

2437MHz_TX

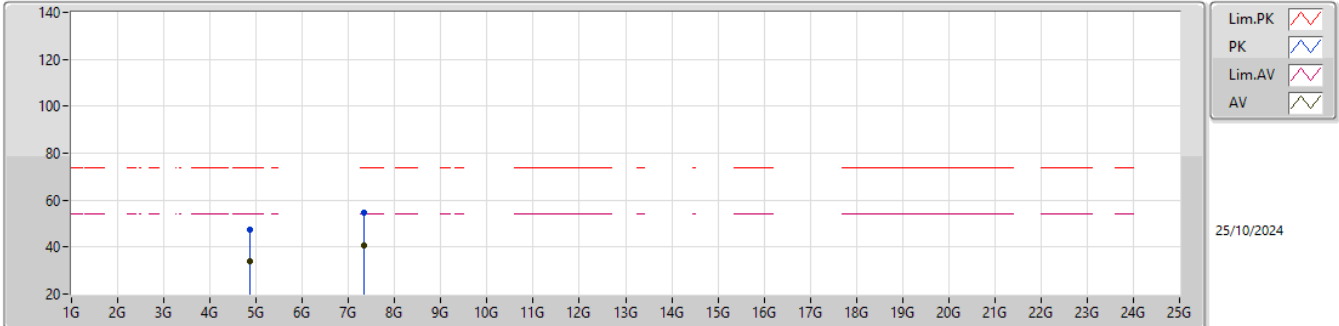


EUT_Y_2TX
Setting 26
01-C-V-1

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	2.3798G	55.46	74.00	-18.54	24.44	3	Horizontal	145	1.68	-	27.30	3.72	-			
AV	2.337G	43.45	54.00	-10.55	12.34	3	Horizontal	145	1.68	-	27.40	3.71	-			
PK	2.4378G	110.99	Inf	-Inf	79.65	3	Horizontal	145	1.68	-	27.58	3.76	-			
AV	2.4378G	107.01	Inf	-Inf	75.67	3	Horizontal	145	1.68	-	27.58	3.76	-			
PK	2.4986G	55.30	74.00	-18.70	23.48	3	Horizontal	145	1.68	-	27.99	3.83	-			
AV	2.4998G	43.73	54.00	-10.27	11.90	3	Horizontal	145	1.68	-	28.00	3.83	-			

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

2437MHz_TX

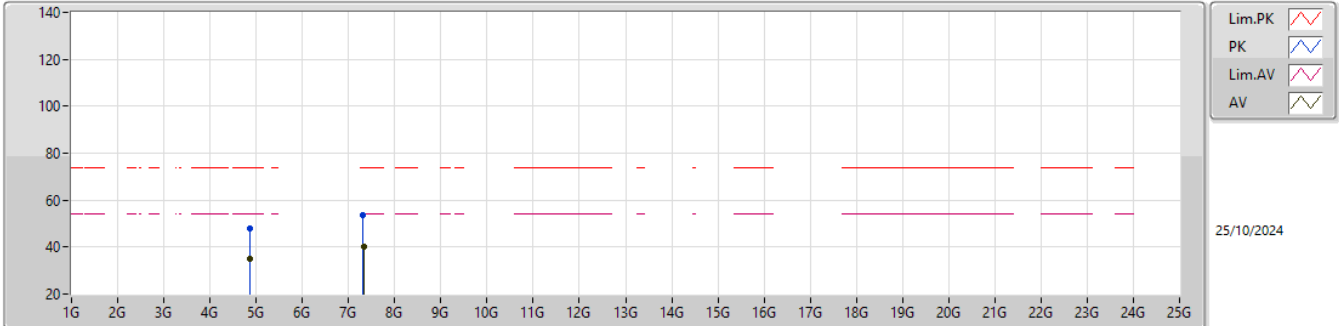


EUT_Y_2TX
Setting 26
01-C-V-1

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	4.8614G	47.50	74.00	-26.50	40.84	3	Vertical	129	1.61	-	32.75	6.48	32.57				
AV	4.87694G	34.20	54.00	-19.80	27.47	3	Vertical	129	1.61	-	32.81	6.50	32.58				
PK	7.32474G	54.76	74.00	-19.24	41.86	3	Vertical	236	2.99	-	37.55	7.98	32.63				
AV	7.32432G	40.51	54.00	-13.49	27.61	3	Vertical	236	2.99	-	37.55	7.98	32.63				

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

2437MHz_TX

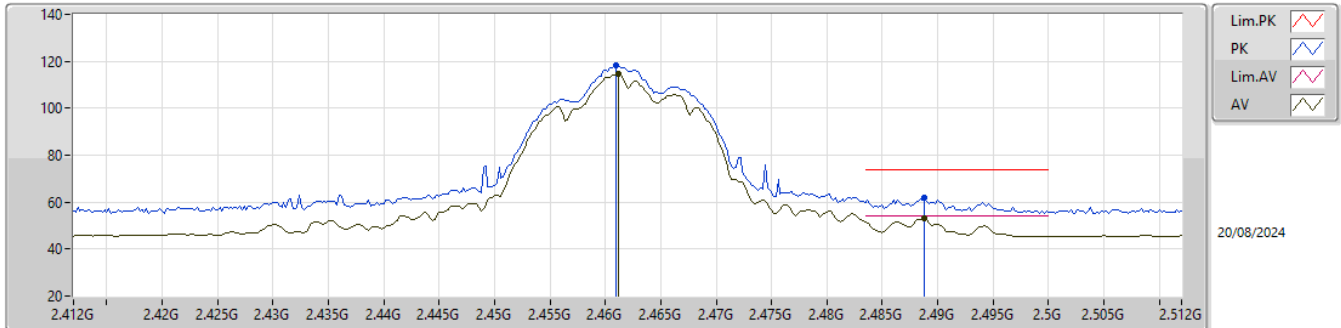


EUT Y_2TX
Setting 26
01-C-V-1

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	4.86032G	47.98	74.00	-26.02	41.33	3	Horizontal	260	2.26	-	32.74	6.48	32.57				
AV	4.87394G	34.77	54.00	-19.23	28.04	3	Horizontal	260	2.26	-	32.80	6.50	32.57				
PK	7.31004G	53.73	74.00	-20.27	40.87	3	Horizontal	206	2.57	-	37.52	7.97	32.63				
AV	7.32438G	40.40	54.00	-13.60	27.50	3	Horizontal	206	2.57	-	37.55	7.98	32.63				

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

2462MHz_TX

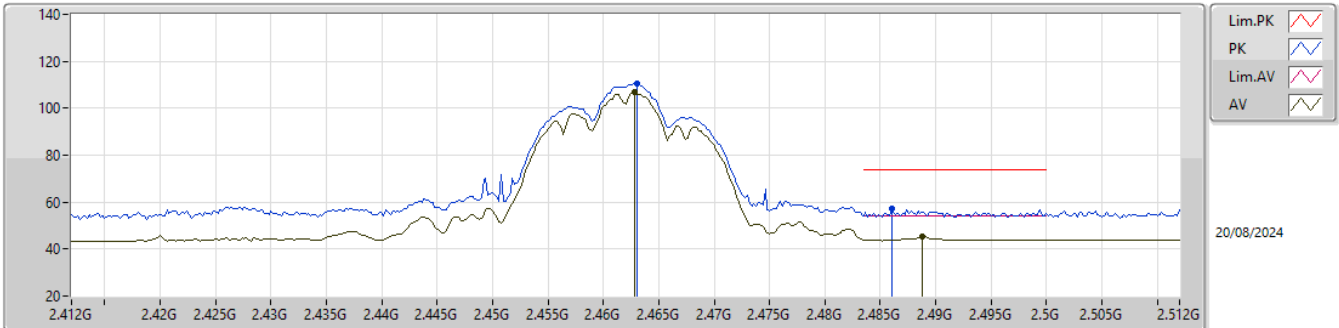


EUT_Y_2TX
Setting 26
03-E-R-7

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	2.461G	118.37	Inf	-Inf	85.74	3	Vertical	225	1.58	-	28.21	4.42	-				
AV	2.4612G	114.57	Inf	-Inf	81.94	3	Vertical	225	1.58	-	28.21	4.42	-				
PK	2.4888G	61.82	74.00	-12.18	28.99	3	Vertical	225	1.58	-	28.39	4.44	-				
AV	2.4888G	52.99	54.00	-1.01	20.16	3	Vertical	225	1.58	-	28.39	4.44	-				

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

2462MHz_TX

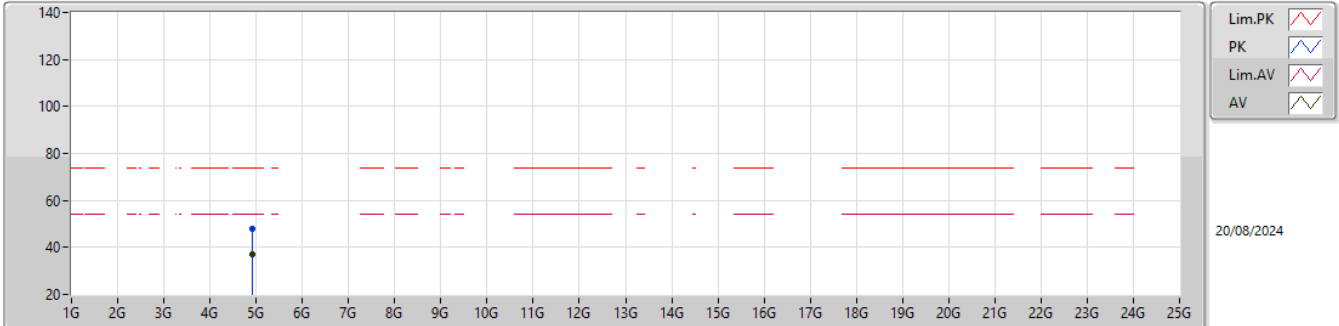


EUT_Y_2TX
Setting 26
01-C-V-1

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	2.463G	110.65	Inf	-Inf	79.30	3	Horizontal	9	2.54	-	27.56	3.79	-				
AV	2.4628G	106.80	Inf	-Inf	75.45	3	Horizontal	9	2.54	-	27.56	3.79	-				
PK	2.486G	56.99	74.00	-17.01	25.32	3	Horizontal	9	2.54	-	27.86	3.81	-				
AV	2.4888G	45.21	54.00	-8.79	13.50	3	Horizontal	9	2.54	-	27.89	3.82	-				

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

2462MHz_TX

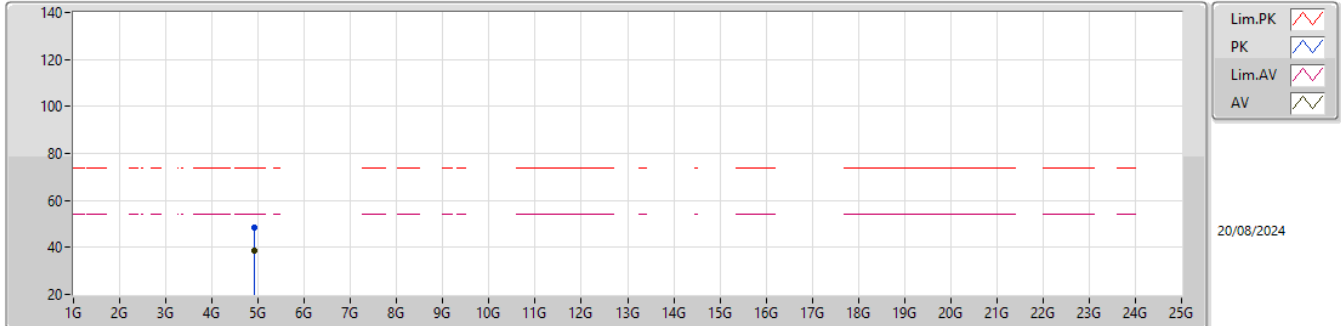


EUT_Y_2TX
Setting 26
03-E-R-7

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	4.92384G	48.10	74.00	-25.90	43.50	3	Vertical	113	2.11	-	33.50	6.43	35.33			
AV	4.924G	36.97	54.00	-17.03	32.37	3	Vertical	113	2.11	-	33.50	6.43	35.33			

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

2462MHz_TX

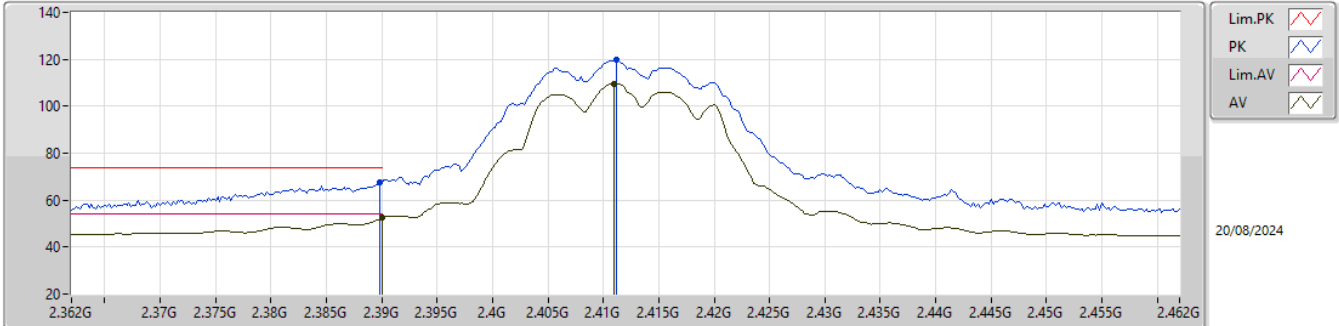


EUT_Y_2TX
Setting 26
03-E-R-7

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	4.924G	48.30	74.00	-25.70	43.70	3	Horizontal	296	1.80	-	33.50	6.43	35.33			
AV	4.92396G	38.86	54.00	-15.14	34.26	3	Horizontal	296	1.80	-	33.50	6.43	35.33			

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

2412MHz_TX

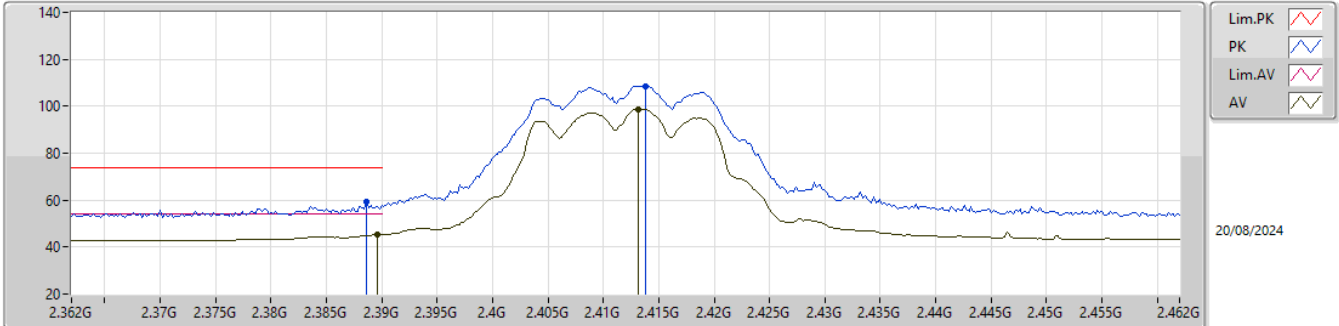


EUT_Y_2TX
Setting 23
03-E-R-7

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	67.74	74.00	-6.26	35.07	3	Vertical	129	1.79	-	28.30	4.37	-				
AV	2.39G	52.34	54.00	-1.66	19.67	3	Vertical	129	1.79	-	28.30	4.37	-				
PK	2.4112G	119.63	Inf	-Inf	86.94	3	Vertical	129	1.79	-	28.30	4.39	-				
AV	2.411G	109.68	Inf	-Inf	76.99	3	Vertical	129	1.79	-	28.30	4.39	-				

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

2412MHz_TX

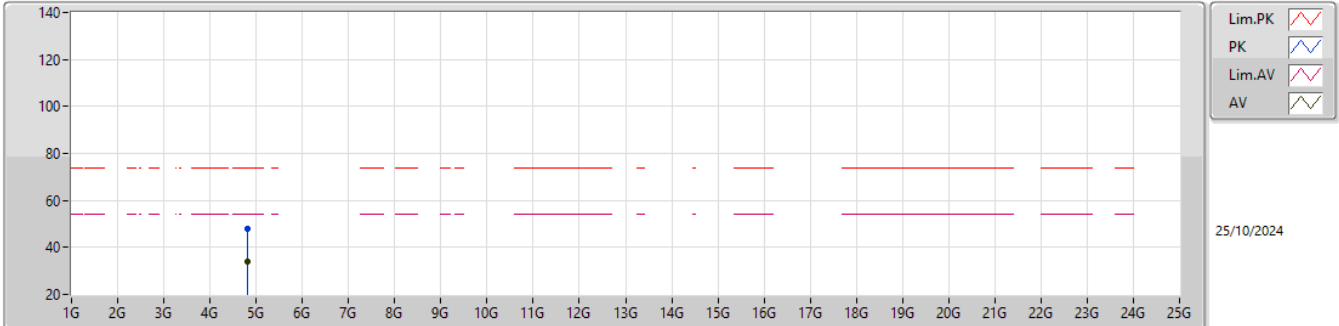


EUT_Y_2TX
Setting 23
01-C-V-1

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	2.3886G	59.06	74.00	-14.94	27.95	3	Horizontal	146	1.75	-	27.39	3.72	-			
AV	2.3896G	45.29	54.00	-8.71	14.17	3	Horizontal	146	1.75	-	27.40	3.72	-			
PK	2.4138G	108.60	Inf	-Inf	77.40	3	Horizontal	146	1.75	-	27.46	3.74	-			
AV	2.4132G	98.86	Inf	-Inf	67.66	3	Horizontal	146	1.75	-	27.47	3.73	-			

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

2412MHz_TX

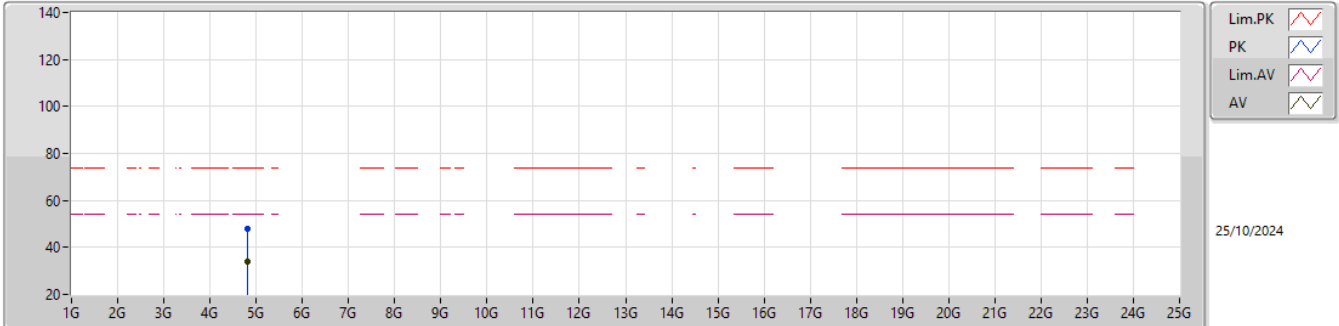


EUT_Y_2TX
Setting 23
01-C-V-1

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	4.81002G	47.75	74.00	-26.25	41.37	3	Vertical	163	1.84	-	32.54	6.41	32.57			
AV	4.8216G	34.15	54.00	-19.85	27.70	3	Vertical	163	1.84	-	32.59	6.43	32.57			

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

2412MHz_TX

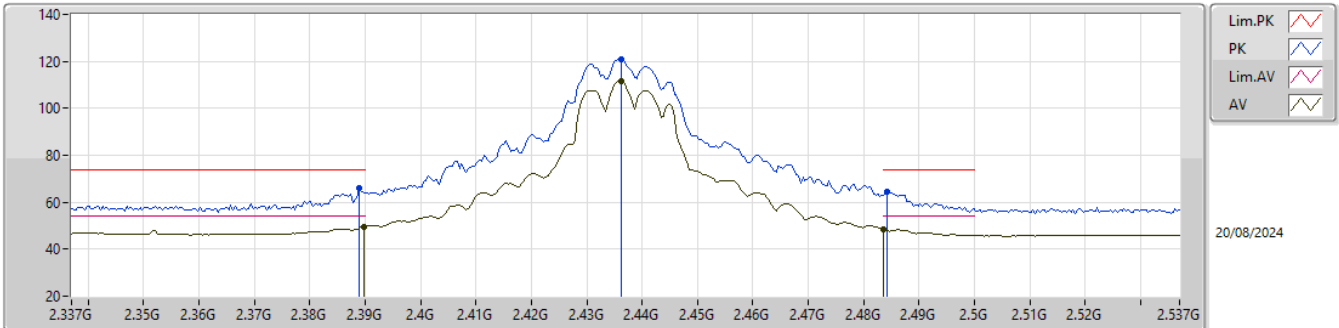


EUT_Y_2TX
Setting 23
01-C-V-1

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	4.81998G	47.71	74.00	-26.29	41.27	3	Horizontal	180	2.91	-	32.58	6.43	32.57			
AV	4.8213G	34.14	54.00	-19.86	27.69	3	Horizontal	180	2.91	-	32.59	6.43	32.57			

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

2437MHz_TX

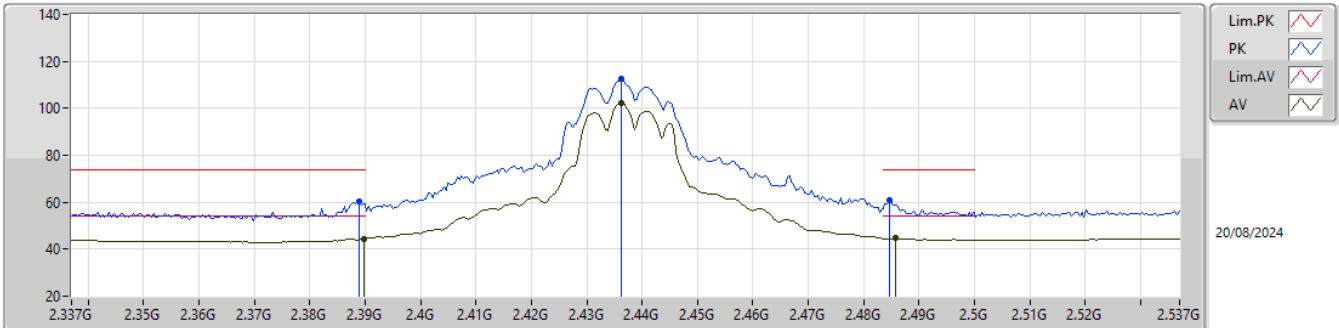


EUT_Y_2TX
Setting 25.5
03-E-R-7

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	65.78	74.00	-8.22	33.12	3	Vertical	130	1.76	-	28.29	4.37	-			
AV	2.3898G	49.71	54.00	-4.29	17.04	3	Vertical	130	1.76	-	28.30	4.37	-			
PK	2.4362G	121.08	Inf	-Inf	88.38	3	Vertical	130	1.76	-	28.30	4.40	-			
AV	2.4362G	111.43	Inf	-Inf	78.73	3	Vertical	130	1.76	-	28.30	4.40	-			
PK	2.4842G	64.52	74.00	-9.48	31.75	3	Vertical	130	1.76	-	28.34	4.43	-			
AV	2.4835G	48.30	54.00	-5.70	15.53	3	Vertical	130	1.76	-	28.34	4.43	-			

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

2437MHz_TX

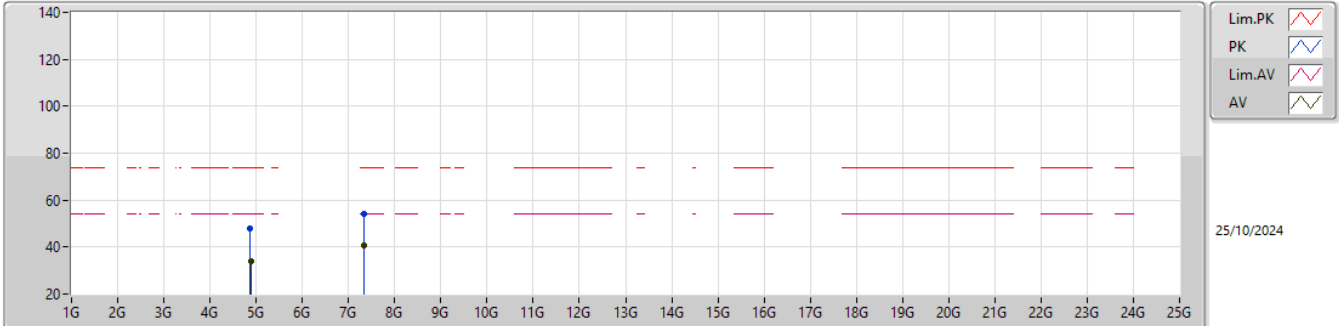


EUT_Y_2TX
Setting 25.5
01-C-V-1

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	2.389G	60.45	74.00	-13.55	29.34	3	Horizontal	144	1.67	-	27.39	3.72	-			
AV	2.3898G	44.34	54.00	-9.66	13.22	3	Horizontal	144	1.67	-	27.40	3.72	-			
PK	2.4362G	112.45	Inf	-Inf	81.13	3	Horizontal	144	1.67	-	27.56	3.76	-			
AV	2.4362G	102.39	Inf	-Inf	71.07	3	Horizontal	144	1.67	-	27.56	3.76	-			
PK	2.4846G	60.69	74.00	-13.31	29.03	3	Horizontal	144	1.67	-	27.85	3.81	-			
AV	2.4858G	44.58	54.00	-9.42	12.91	3	Horizontal	144	1.67	-	27.86	3.81	-			

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

2437MHz_TX

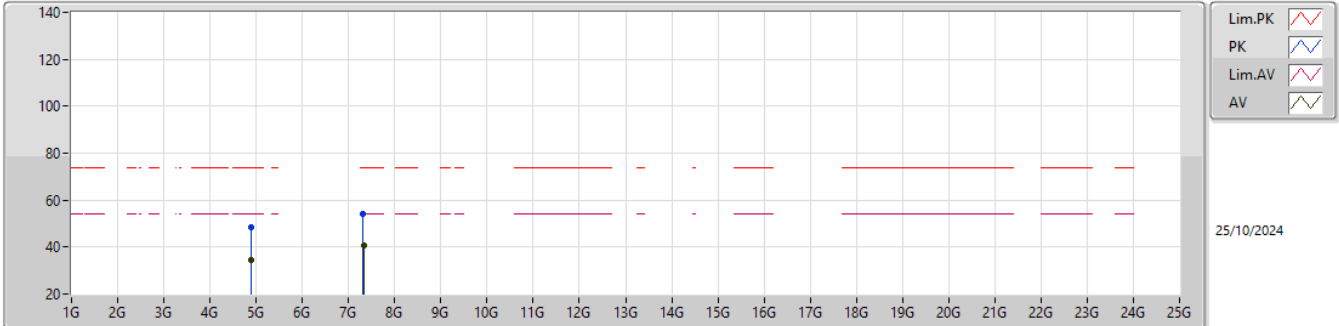


EUT_Y_2TX
Setting 25.5
01-C-V-1

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	4.86968G	47.80	74.00	-26.20	41.10	3	Vertical	224	1.22	-	32.78	6.49	32.57			
AV	4.88822G	34.20	54.00	-19.80	27.41	3	Vertical	224	1.22	-	32.85	6.52	32.58			
PK	7.32336G	54.19	74.00	-19.81	41.29	3	Vertical	93	2.15	-	37.55	7.98	32.63			
AV	7.32426G	40.66	54.00	-13.34	27.76	3	Vertical	93	2.15	-	37.55	7.98	32.63			

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

2437MHz_TX

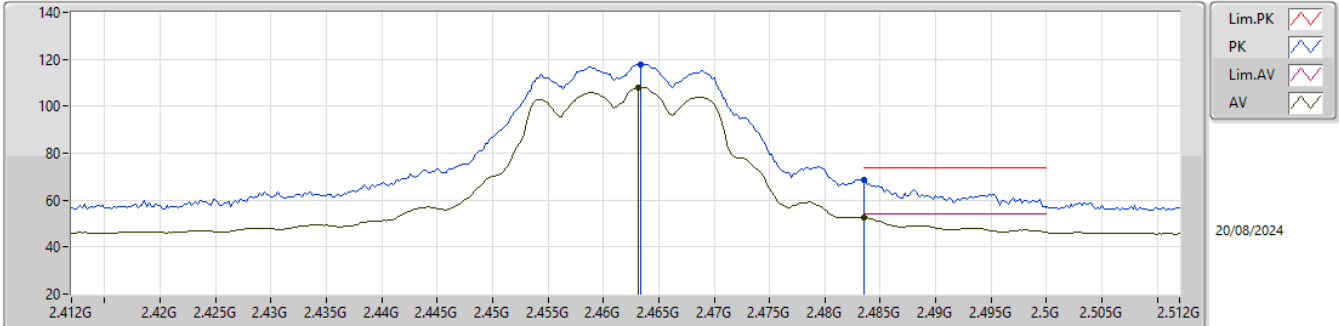


EUT_Y_2TX
Setting 25.5
01-C-V-1

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	4.88738G	48.25	74.00	-25.75	41.46	3	Horizontal	233	2.30	-	32.85	6.52	32.58			
AV	4.88888G	34.27	54.00	-19.73	27.47	3	Horizontal	233	2.30	-	32.86	6.52	32.58			
PK	7.3128G	53.97	74.00	-20.03	41.10	3	Horizontal	337	1.45	-	37.53	7.97	32.63			
AV	7.32372G	40.56	54.00	-13.44	27.66	3	Horizontal	337	1.45	-	37.55	7.98	32.63			

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

2462MHz_TX

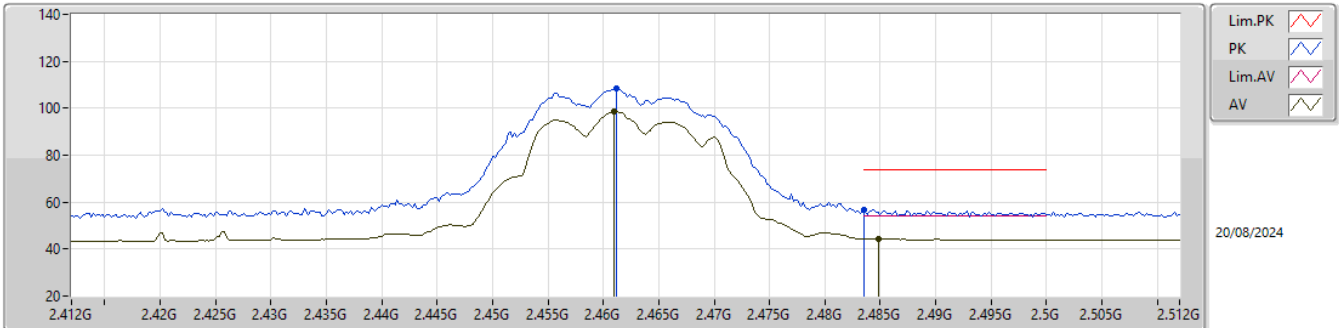


EUT_Y_2TX
Setting 23
03-E-R-7

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	2.4634G	117.95	Inf	-Inf	85.30	3	Vertical	202	1.50	-	28.23	4.42	-			
AV	2.4632G	107.90	Inf	-Inf	75.25	3	Vertical	202	1.50	-	28.23	4.42	-			
PK	2.4835G	68.80	74.00	-5.20	36.03	3	Vertical	202	1.50	-	28.34	4.43	-			
AV	2.4835G	52.59	54.00	-1.41	19.82	3	Vertical	202	1.50	-	28.34	4.43	-			

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

2462MHz_TX

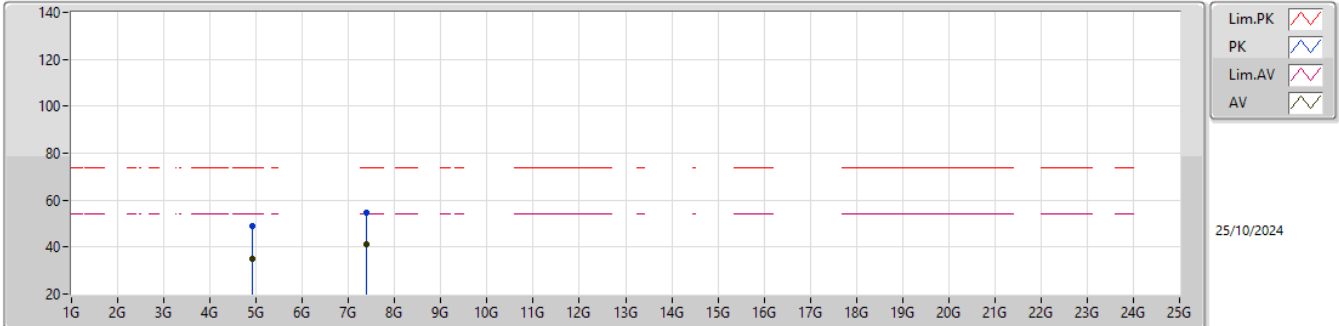


EUT_Y_2TX
Setting 23
01-C-V-1

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	2.4612G	108.27	Inf	-Inf	76.96	3	Horizontal	147	1.72	-	27.52	3.79	-				
AV	2.461G	98.48	Inf	-Inf	67.17	3	Horizontal	147	1.72	-	27.52	3.79	-				
PK	2.4835G	56.72	74.00	-17.28	25.07	3	Horizontal	147	1.72	-	27.84	3.81	-				
AV	2.4848G	44.44	54.00	-9.56	12.78	3	Horizontal	147	1.72	-	27.85	3.81	-				

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

2462MHz_TX

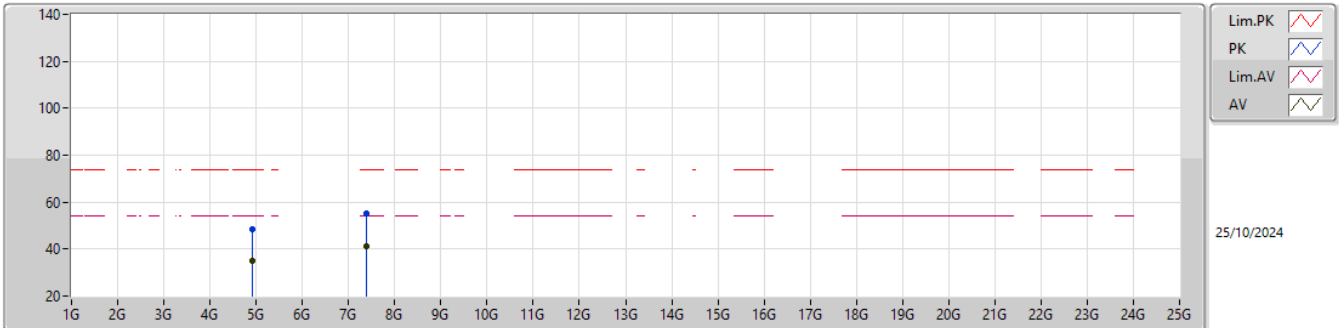


EUT_Y_2TX
Setting 23
01-C-V-1

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	4.92124G	48.99	74.00	-25.01	42.07	3	Vertical	256	1.80	-	32.94	6.56	32.58			
AV	4.91236G	34.85	54.00	-19.15	27.96	3	Vertical	256	1.80	-	32.92	6.55	32.58			
PK	7.37562G	54.43	74.00	-19.57	41.45	3	Vertical	213	2.51	-	37.60	7.99	32.61			
AV	7.39956G	41.06	54.00	-12.94	28.06	3	Vertical	213	2.51	-	37.60	8.00	32.60			

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

2462MHz_TX

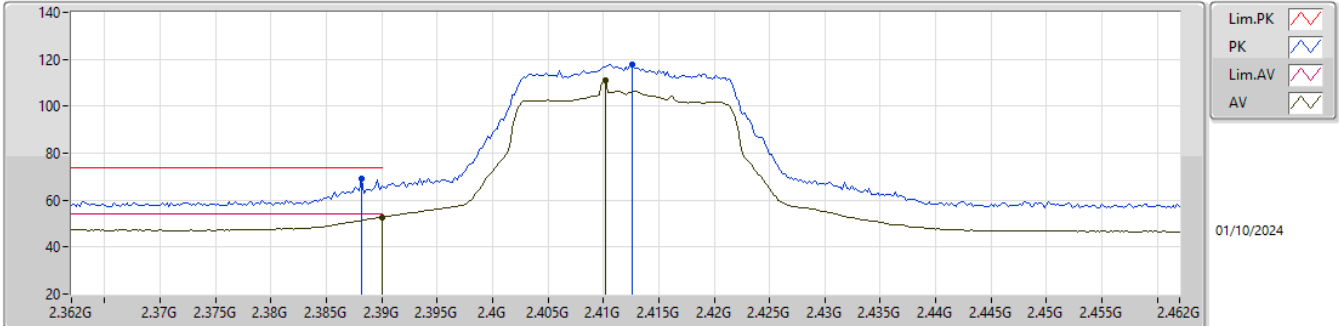


EUT_Y_2TX
Setting 23
01-C-V-1

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	4.91176G	48.69	74.00	-25.31	41.80	3	Horizontal	217	1.80	-	32.92	6.55	32.58			
AV	4.91314G	34.83	54.00	-19.17	27.93	3	Horizontal	217	1.80	-	32.93	6.55	32.58			
PK	7.39392G	55.33	74.00	-18.67	42.33	3	Horizontal	93	1.46	-	37.60	8.00	32.60			
AV	7.39956G	41.14	54.00	-12.86	28.14	3	Horizontal	93	1.46	-	37.60	8.00	32.60			

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

2412MHz_TX

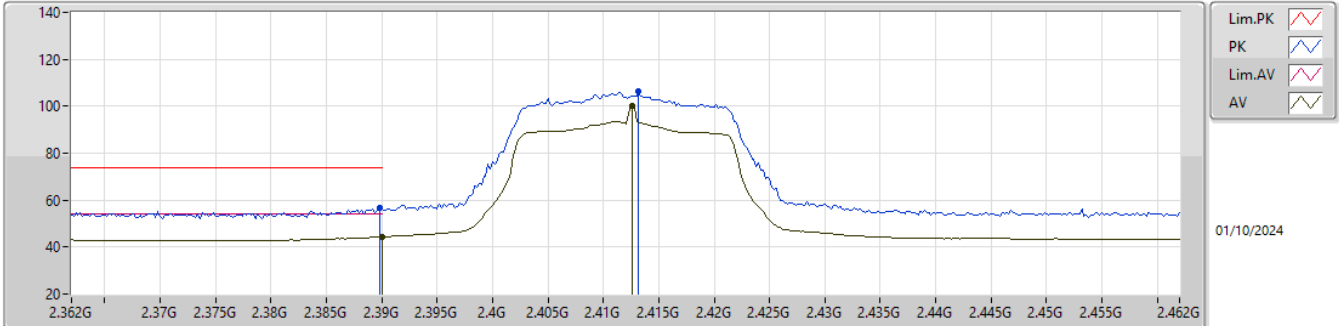


EUT_Y_2TX
Setting 24
05-V-V-1

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	2.3882G	68.93	74.00	-5.07	36.77	3	Vertical	153	1.80	-	27.46	4.70	-			
AV	2.39G	52.77	54.00	-1.23	20.57	3	Vertical	153	1.80	-	27.50	4.70	-			
PK	2.4126G	117.79	Inf	-Inf	85.53	3	Vertical	153	1.80	-	27.53	4.73	-			
AV	2.4102G	111.04	Inf	-Inf	78.82	3	Vertical	153	1.80	-	27.50	4.72	-			

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

2412MHz_TX

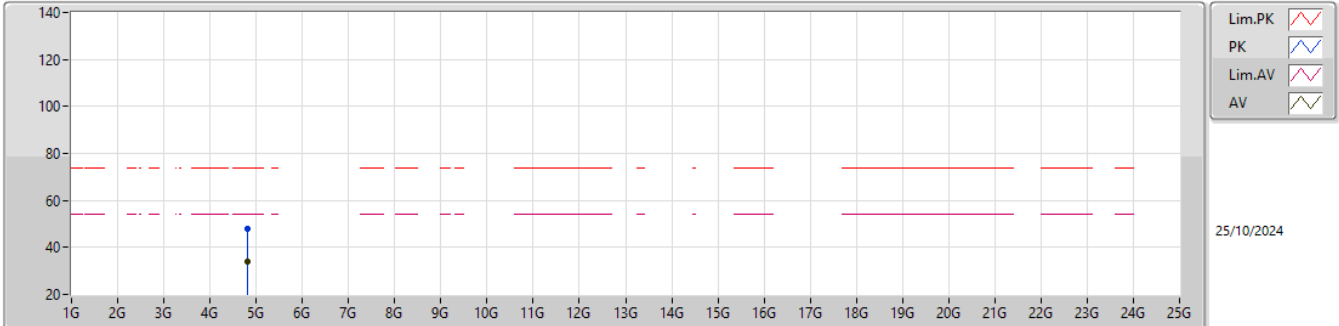


EUT_Y_2TX
Setting 24
01-C-V-1

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	2.3898G	56.95	74.00	-17.05	25.83	3	Horizontal	136	1.90	-	27.40	3.72	-			
AV	2.39G	44.37	54.00	-9.63	13.25	3	Horizontal	136	1.90	-	27.40	3.72	-			
PK	2.4132G	106.20	Inf	-Inf	75.00	3	Horizontal	136	1.90	-	27.47	3.73	-			
AV	2.4126G	100.43	Inf	-Inf	69.23	3	Horizontal	136	1.90	-	27.47	3.73	-			

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

2412MHz_TX

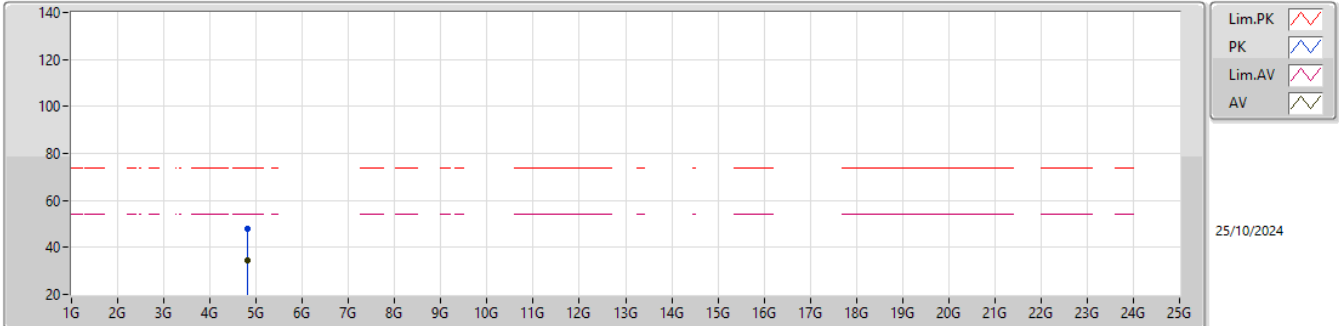


EUT_Y_2TX
Setting 24
01-C-V-1

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	4.81188G	47.79	74.00	-26.21	41.39	3	Vertical	267	1.70	-	32.55	6.42	32.57				
AV	4.82208G	34.19	54.00	-19.81	27.74	3	Vertical	267	1.70	-	32.59	6.43	32.57				

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

2412MHz_TX

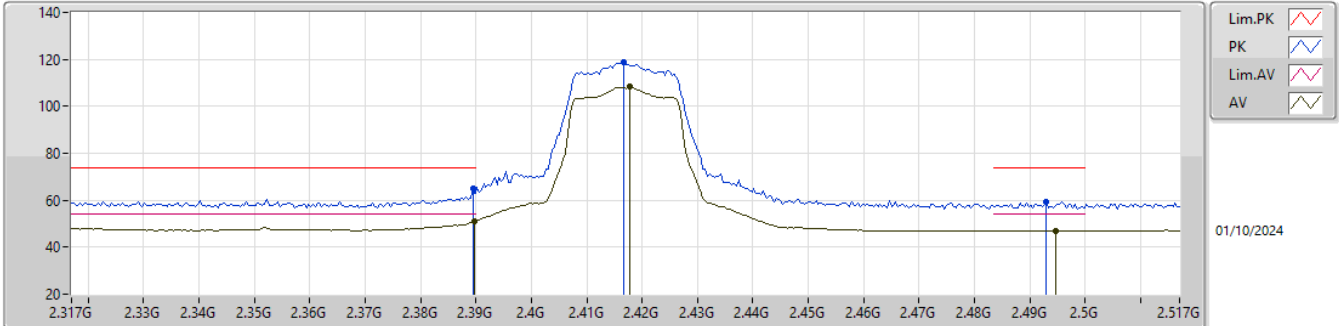


EUT_Y_2TX
Setting 24
01-C-V-1

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	4.82232G	47.96	74.00	-26.04	41.51	3	Horizontal	169	2.24	-	32.59	6.43	32.57			
AV	4.81128G	34.25	54.00	-19.75	27.85	3	Horizontal	169	2.24	-	32.55	6.42	32.57			

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

2417MHz_TX

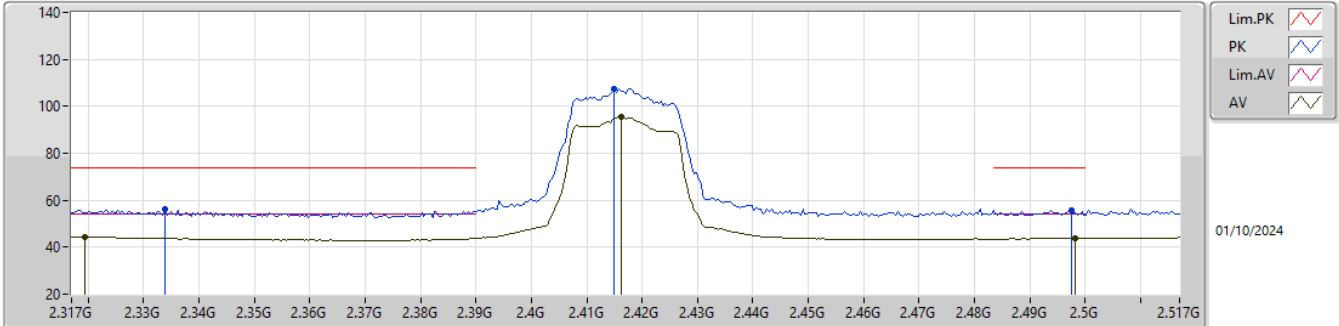


EUT_Y_2TX
Setting 25
05-V-V-1

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	2.3894G	64.81	74.00	-9.19	32.62	3	Vertical	121	1.75	-	27.49	4.70	-			
AV	2.3898G	50.84	54.00	-3.16	18.64	3	Vertical	121	1.75	-	27.50	4.70	-			
PK	2.4166G	118.77	Inf	-Inf	86.47	3	Vertical	121	1.75	-	27.57	4.73	-			
AV	2.4178G	108.43	Inf	-Inf	76.12	3	Vertical	121	1.75	-	27.58	4.73	-			
PK	2.493G	59.12	74.00	-14.88	26.29	3	Vertical	121	1.75	-	28.00	4.83	-			
AV	2.4946G	47.09	54.00	-6.91	14.26	3	Vertical	121	1.75	-	28.00	4.83	-			

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

2417MHz_TX

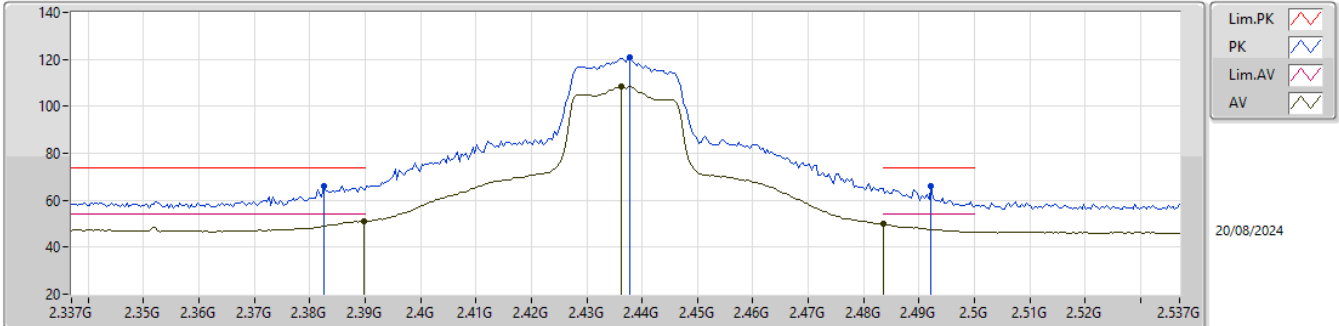


EUT_Y_2TX
Setting 25
01-C-V-1

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	2.3338G	56.04	74.00	-17.96	24.93	3	Horizontal	145	1.73	-	27.40	3.71	-			
AV	2.3194G	44.34	54.00	-9.66	13.03	3	Horizontal	145	1.73	-	27.60	3.71	-			
PK	2.415G	107.54	Inf	-Inf	76.35	3	Horizontal	145	1.73	-	27.45	3.74	-			
AV	2.4162G	95.46	Inf	-Inf	64.28	3	Horizontal	145	1.73	-	27.44	3.74	-			
PK	2.4974G	55.90	74.00	-18.10	24.10	3	Horizontal	145	1.73	-	27.97	3.83	-			
AV	2.4982G	43.73	54.00	-10.27	11.92	3	Horizontal	145	1.73	-	27.98	3.83	-			

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

2437MHz_TX

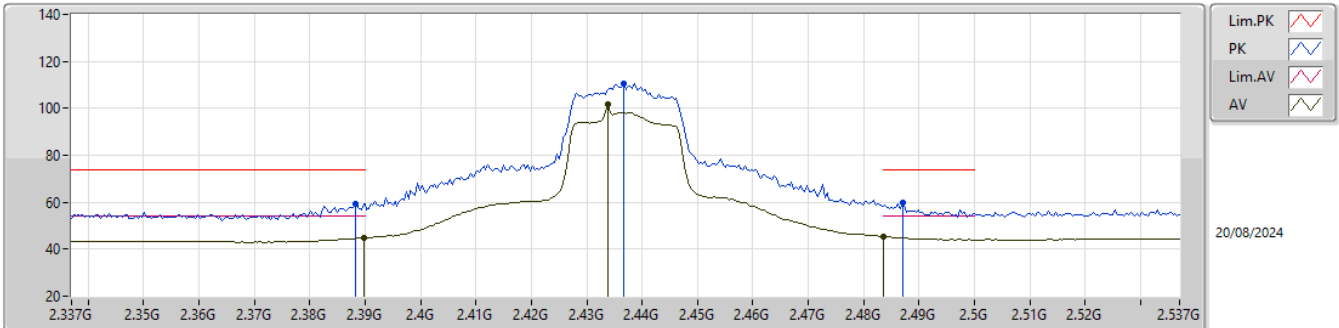


EUT_Y_2TX
Setting 28
03-E-R-7

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	2.3826G	66.15	74.00	-7.85	33.56	3	Vertical	169	1.61	-	28.23	4.36	-			
AV	2.3898G	51.09	54.00	-2.91	18.42	3	Vertical	169	1.61	-	28.30	4.37	-			
PK	2.4378G	120.74	Inf	-Inf	88.04	3	Vertical	169	1.61	-	28.30	4.40	-			
AV	2.4362G	108.40	Inf	-Inf	75.70	3	Vertical	169	1.61	-	28.30	4.40	-			
PK	2.4922G	65.98	74.00	-8.02	33.14	3	Vertical	169	1.61	-	28.40	4.44	-			
AV	2.4835G	49.77	54.00	-4.23	17.00	3	Vertical	169	1.61	-	28.34	4.43	-			

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

2437MHz_TX

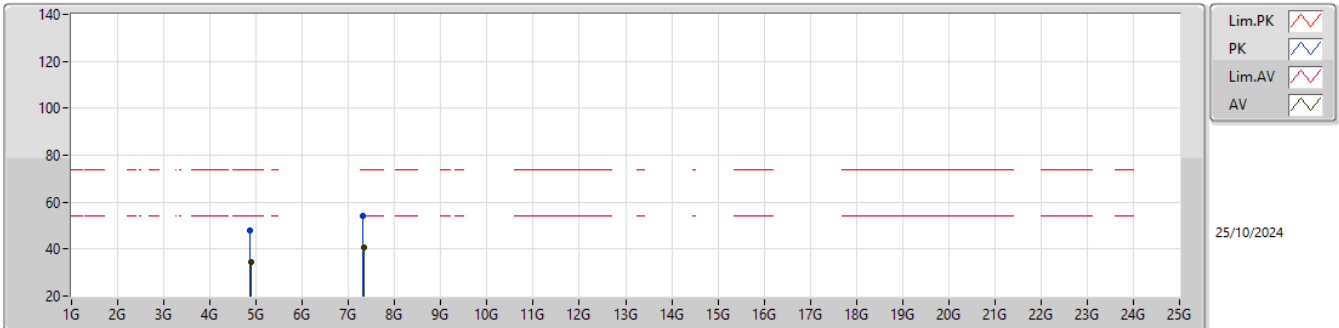


EUT_Y_2TX
Setting 28
01-C-V-1

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	2.3882G	59.20	74.00	-14.80	28.10	3	Horizontal	145	1.15	-	27.38	3.72	-			
AV	2.3898G	44.91	54.00	-9.09	13.79	3	Horizontal	145	1.15	-	27.40	3.72	-			
PK	2.4366G	110.33	Inf	-Inf	79.00	3	Horizontal	145	1.15	-	27.57	3.76	-			
AV	2.4338G	101.47	Inf	-Inf	70.17	3	Horizontal	145	1.15	-	27.54	3.76	-			
PK	2.487G	59.97	74.00	-14.03	28.28	3	Horizontal	145	1.15	-	27.87	3.82	-			
AV	2.4835G	45.45	54.00	-8.55	13.80	3	Horizontal	145	1.15	-	27.84	3.81	-			

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

2437MHz_TX

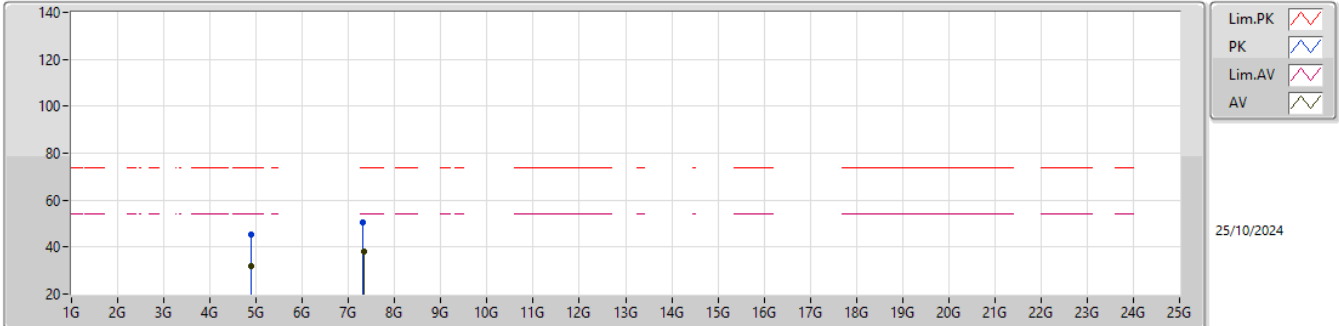


EUT_Y_2TX
Setting 28
01-C-V-1

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	4.8665G	48.15	74.00	-25.85	41.46	3	Vertical	81	2.97	-	32.77	6.49	32.57				
AV	4.86774G	34.53	54.00	-19.47	27.74	3	Vertical	81	2.97	-	32.85	6.52	32.58				
PK	7.3164G	54.06	74.00	-19.94	41.19	3	Vertical	160	2.88	-	37.53	7.97	32.63				
AV	7.3242G	40.78	54.00	-13.22	27.88	3	Vertical	160	2.88	-	37.55	7.98	32.63				

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

2437MHz_TX

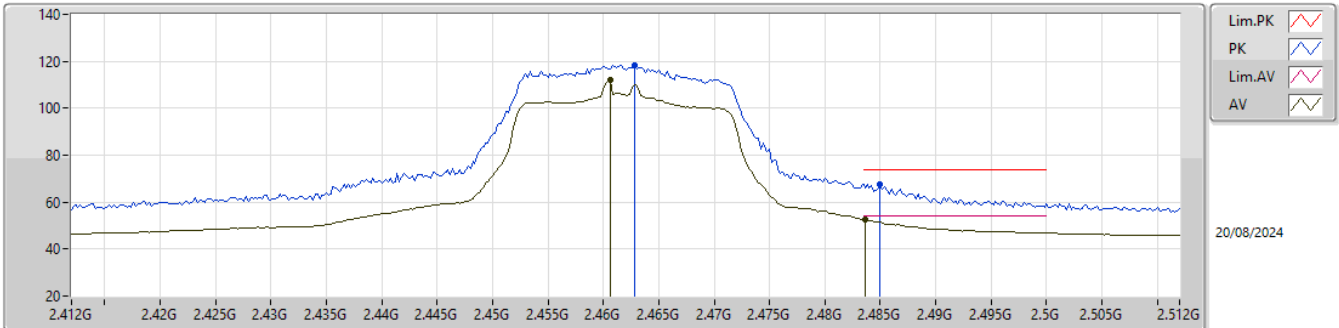


EUT_Y_2TX
Setting 28
01-C-V-1

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	4.88696G	45.22	74.00	-28.78	40.80	3	Horizontal	283	1.01	-	33.37	6.38	35.33			
AV	4.88882G	32.01	54.00	-21.99	27.58	3	Horizontal	283	1.01	-	33.38	6.38	35.33			
PK	7.30602G	50.76	74.00	-23.24	40.71	3	Horizontal	130	2.65	-	36.72	8.48	35.15			
AV	7.32396G	38.08	54.00	-15.92	27.96	3	Horizontal	130	2.65	-	36.80	8.48	35.16			

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

2462MHz_TX

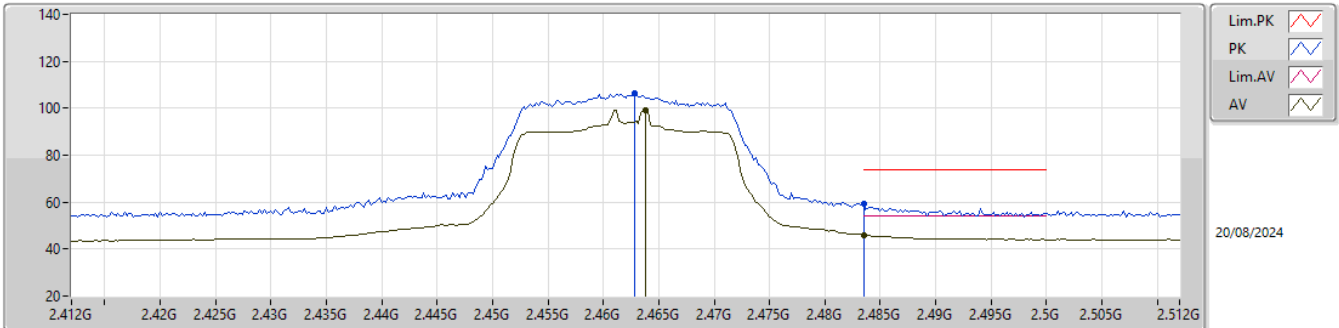


EUT_Y_2TX
Setting 26
03-E-R-7

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	2.4628G	118.40	Inf	-Inf	85.75	3	Vertical	162	1.57	-	28.23	4.42	-			
AV	2.4606G	112.24	Inf	-Inf	79.61	3	Vertical	162	1.57	-	28.21	4.42	-			
PK	2.485G	67.55	74.00	-6.45	34.76	3	Vertical	162	1.57	-	28.35	4.44	-			
AV	2.4836G	52.45	54.00	-1.55	19.68	3	Vertical	162	1.57	-	28.34	4.43	-			

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

2462MHz_TX

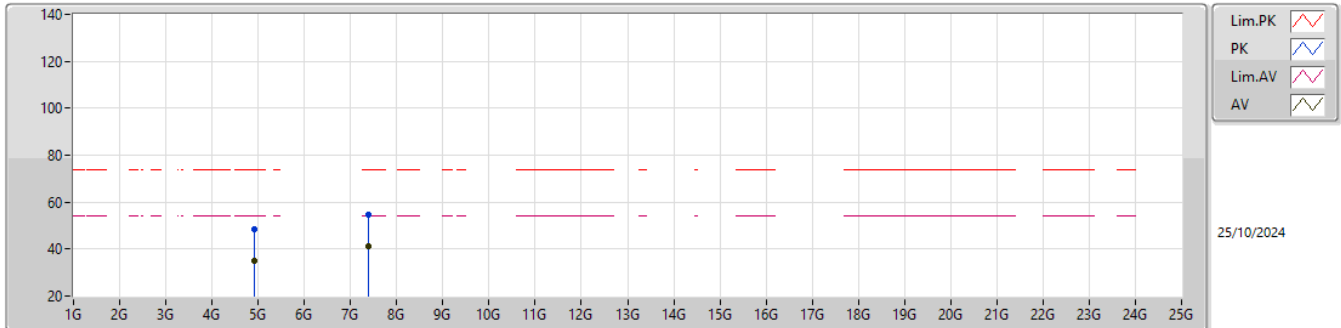


EUT_Y_2TX
Setting 26
01-C-V-1

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	2.4628G	106.31	Inf	-Inf	74.96	3	Horizontal	146	1.80	-	27.56	3.79	-			
AV	2.4638G	99.25	Inf	-Inf	67.88	3	Horizontal	146	1.80	-	27.58	3.79	-			
PK	2.4835G	59.30	74.00	-14.70	27.65	3	Horizontal	146	1.80	-	27.84	3.81	-			
AV	2.4835G	45.93	54.00	-8.07	14.28	3	Horizontal	146	1.80	-	27.84	3.81	-			

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

2462MHz_TX

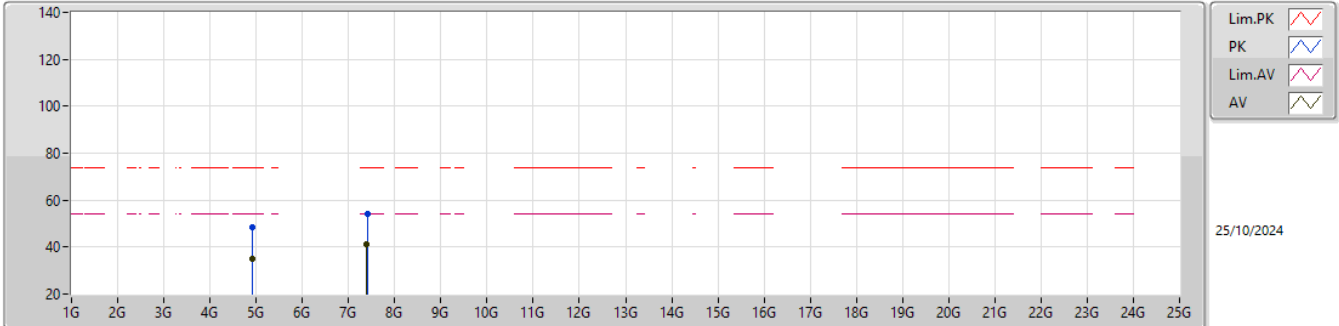


EUT_Y_2TX
Setting 26
01-C-V-1

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	4.92658G	48.54	74.00	-25.46	41.60	3	Vertical	189	1.20	-	32.95	6.57	32.58				
AV	4.9174G	34.85	54.00	-19.15	27.94	3	Vertical	189	1.20	-	32.93	6.56	32.58				
PK	7.39068G	54.47	74.00	-19.53	41.47	3	Vertical	303	2.30	-	37.60	8.00	32.60				
AV	7.3971G	41.33	54.00	-12.67	28.33	3	Vertical	303	2.30	-	37.60	8.00	32.60				

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

2462MHz_TX

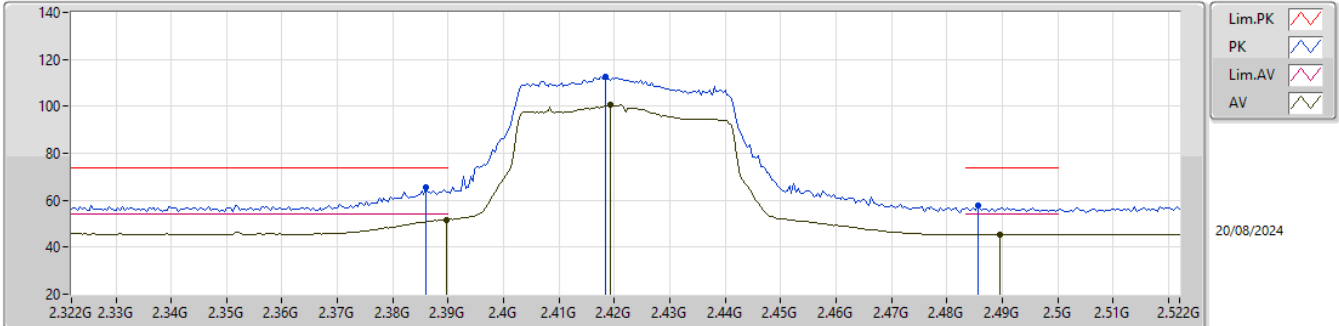


EUT_Y_2TX
Setting 26
01-C-V-1

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	4.92106G	48.42	74.00	-25.58	41.50	3	Horizontal	30	1.35	-	32.94	6.56	32.58			
AV	4.91068G	34.89	54.00	-19.11	28.00	3	Horizontal	30	1.35	-	32.92	6.55	32.58			
PK	7.401G	54.25	74.00	-19.75	41.25	3	Horizontal	196	1.11	-	37.60	8.00	32.60			
AV	7.39704G	41.28	54.00	-12.72	28.28	3	Horizontal	196	1.11	-	37.60	8.00	32.60			

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

2422MHz_TX

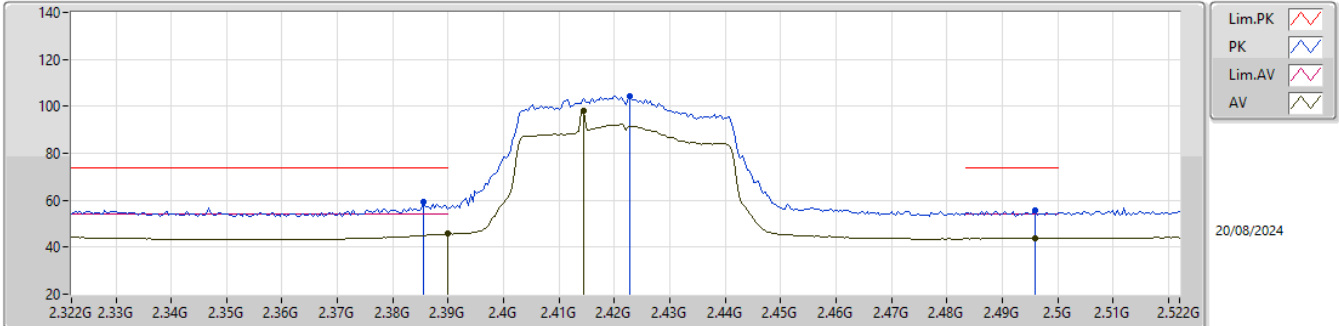


EUT_Y_2TX
Setting 24
03-E-R-7

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	2.386G	65.53	74.00	-8.47	32.91	3	Vertical	352	1.44	-	28.26	4.36	-			
AV	2.3896G	51.67	54.00	-2.33	19.00	3	Vertical	352	1.44	-	28.30	4.37	-			
PK	2.4184G	112.52	Inf	-Inf	79.83	3	Vertical	352	1.44	-	28.30	4.39	-			
AV	2.4192G	100.57	Inf	-Inf	67.88	3	Vertical	352	1.44	-	28.30	4.39	-			
PK	2.4856G	57.81	74.00	-16.19	25.01	3	Vertical	352	1.44	-	28.36	4.44	-			
AV	2.4896G	45.51	54.00	-8.49	12.67	3	Vertical	352	1.44	-	28.40	4.44	-			

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

2422MHz_TX

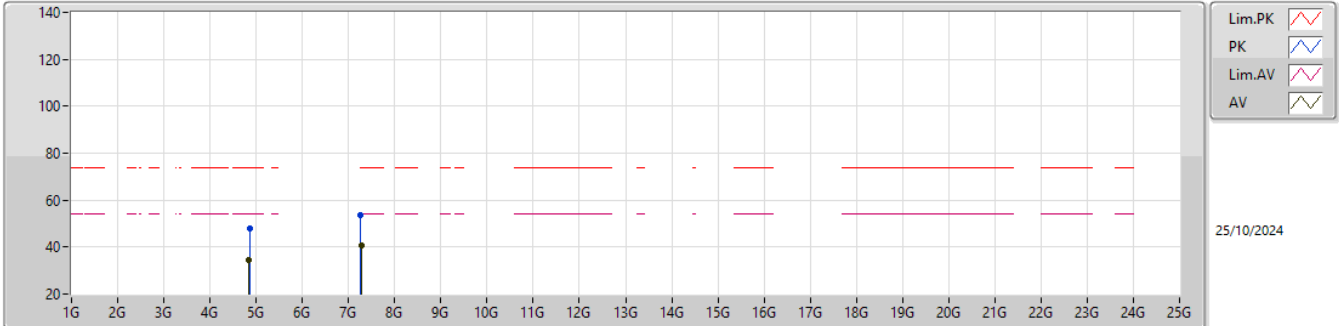


EUT_Y_2TX
Setting 24
01-C-V-1

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	2.3856G	59.15	74.00	-14.85	28.07	3	Horizontal	140	2.15	-	27.36	3.72	-			
AV	2.39G	45.61	54.00	-8.39	14.49	3	Horizontal	140	2.15	-	27.40	3.72	-			
PK	2.4228G	104.54	Inf	-Inf	73.36	3	Horizontal	140	2.15	-	27.43	3.75	-			
AV	2.4144G	97.94	Inf	-Inf	66.74	3	Horizontal	140	2.15	-	27.46	3.74	-			
PK	2.496G	55.62	74.00	-18.38	23.83	3	Horizontal	140	2.15	-	27.96	3.83	-			
AV	2.496G	43.81	54.00	-10.19	12.02	3	Horizontal	140	2.15	-	27.96	3.83	-			

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

2422MHz_TX

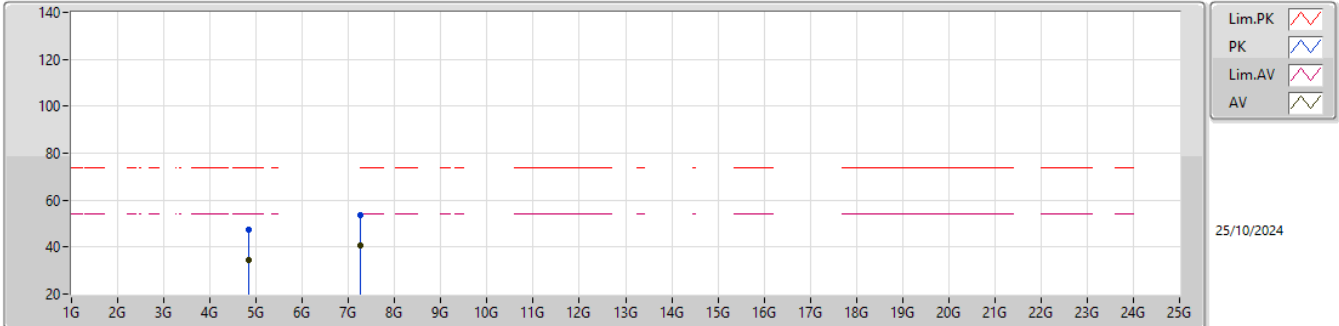


EUT_Y_2TX
Setting 24
01-C-V-1

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	4.85294G	48.00	74.00	-26.00	41.39	3	Vertical	162	1.32	-	32.71	6.47	32.57			
AV	4.84616G	34.23	54.00	-19.77	27.66	3	Vertical	162	1.32	-	32.68	6.46	32.57			
PK	7.26828G	53.84	74.00	-20.16	41.16	3	Vertical	39	1.31	-	37.37	7.96	32.65			
AV	7.27662G	40.55	54.00	-13.45	27.82	3	Vertical	39	1.31	-	37.41	7.96	32.64			

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

2422MHz_TX

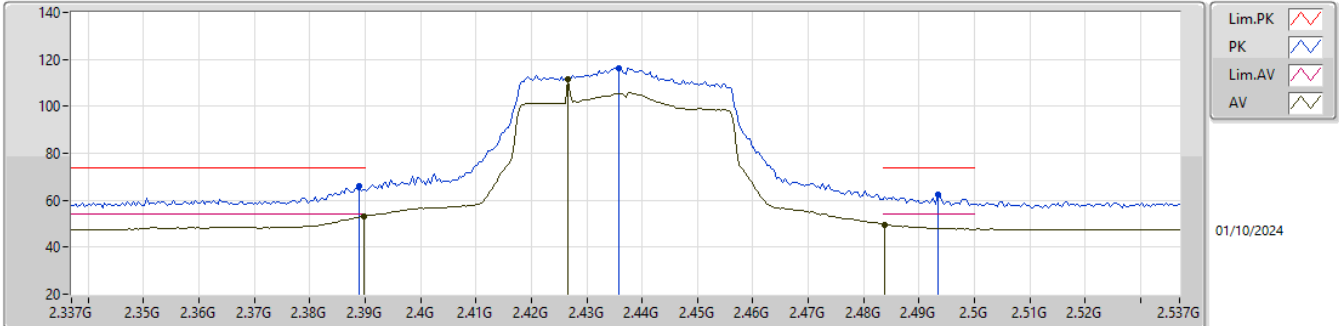


EUT_Y_2TX
Setting 24
01-C-V-1

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	4.84028G	47.47	74.00	-26.53	40.93	3	Horizontal	214	2.52	-	32.66	6.45	32.57			
AV	4.84928G	34.32	54.00	-19.68	27.72	3	Horizontal	214	2.52	-	32.70	6.47	32.57			
PK	7.2639G	53.75	74.00	-20.25	41.08	3	Horizontal	19	1.97	-	37.36	7.96	32.65			
AV	7.26528G	40.56	54.00	-13.44	27.89	3	Horizontal	19	1.97	-	37.36	7.96	32.65			

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

2437MHz_TX

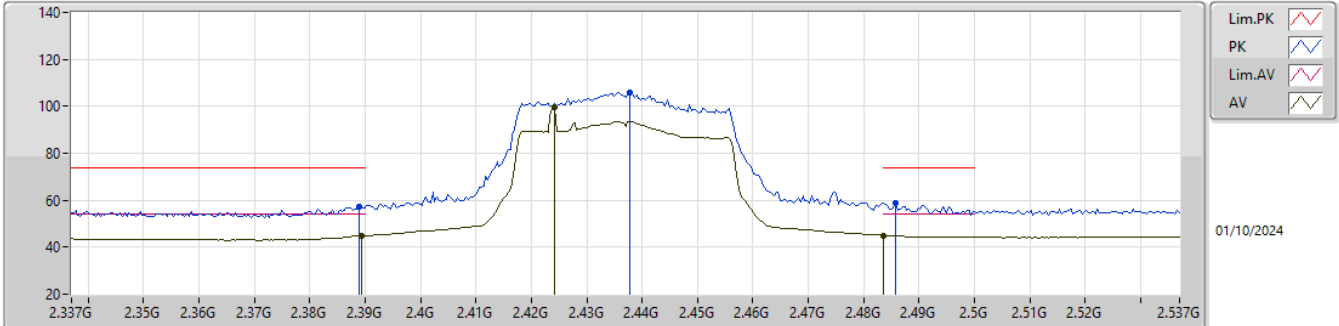


EUT_Y_2TX
Setting 25
05-V-V-1

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	2.389G	66.20	74.00	-7.80	34.02	3	Vertical	153	1.80	-	27.48	4.70	-			
AV	2.3898G	53.11	54.00	-0.89	20.91	3	Vertical	153	1.80	-	27.50	4.70	-			
PK	2.4358G	116.09	Inf	-Inf	83.64	3	Vertical	153	1.80	-	27.70	4.75	-			
AV	2.4266G	111.32	Inf	-Inf	78.91	3	Vertical	153	1.80	-	27.67	4.74	-			
PK	2.4934G	62.47	74.00	-11.53	29.64	3	Vertical	153	1.80	-	28.00	4.83	-			
AV	2.4838G	49.65	54.00	-4.35	16.90	3	Vertical	153	1.80	-	27.94	4.81	-			

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

2437MHz_TX

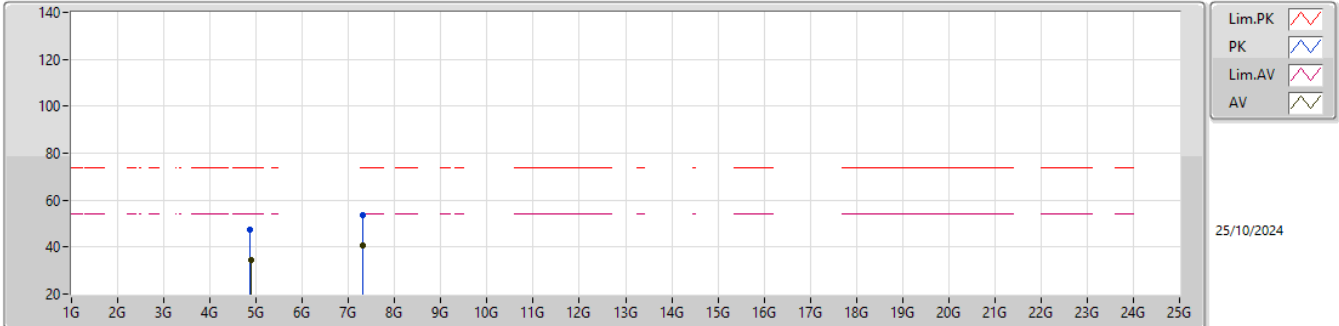


EUT_Y_2TX
Setting 25
01-C-V-1

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	2.389G	57.35	74.00	-16.65	26.24	3	Horizontal	141	1.49	-	27.39	3.72	-			
AV	2.3894G	44.86	54.00	-9.14	13.75	3	Horizontal	141	1.49	-	27.39	3.72	-			
PK	2.4378G	105.79	Inf	-Inf	74.45	3	Horizontal	141	1.49	-	27.58	3.76	-			
AV	2.4242G	99.74	Inf	-Inf	68.55	3	Horizontal	141	1.49	-	27.44	3.75	-			
PK	2.4858G	58.74	74.00	-15.26	27.07	3	Horizontal	141	1.49	-	27.86	3.81	-			
AV	2.4835G	45.05	54.00	-8.95	13.40	3	Horizontal	141	1.49	-	27.84	3.81	-			

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

2437MHz_TX

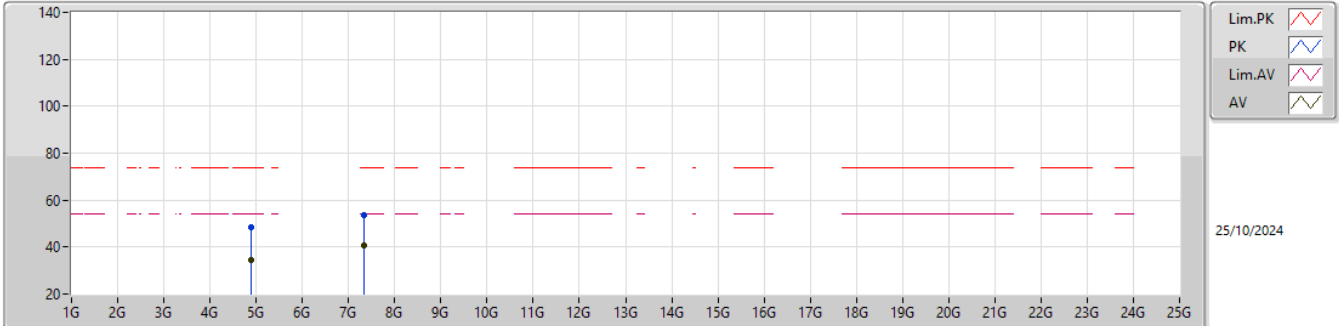


EUT_Y_2TX
Setting 25
01-C-V-1

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	4.86476G	47.27	74.00	-26.73	40.59	3	Vertical	310	2.32	-	32.76	6.49	32.57			
AV	4.87958G	34.39	54.00	-19.61	27.64	3	Vertical	310	2.32	-	32.82	6.51	32.58			
PK	7.31868G	53.75	74.00	-20.25	40.86	3	Vertical	284	2.86	-	37.54	7.98	32.63			
AV	7.32156G	40.85	54.00	-13.15	27.96	3	Vertical	284	2.86	-	37.54	7.98	32.63			

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

2437MHz_TX

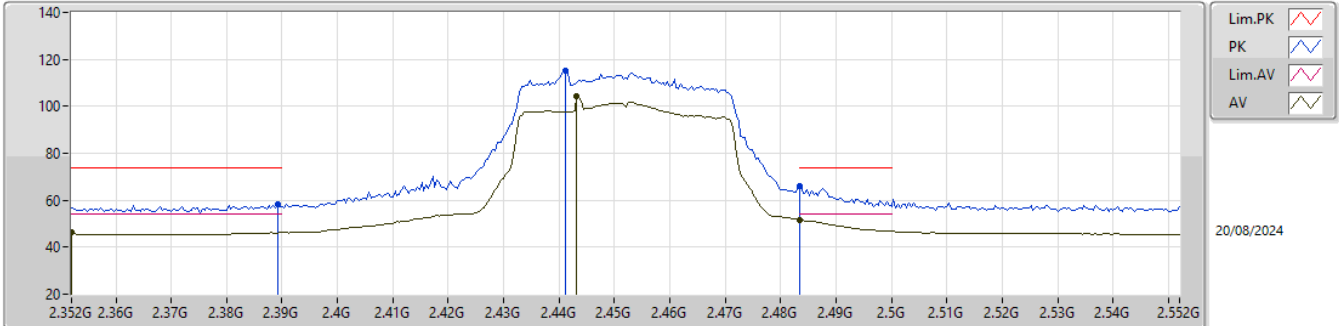


EUT_Y_2TX
Setting 25
01-C-V-1

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	4.88492G	48.23	74.00	-25.77	41.46	3	Horizontal	208	1.79	-	32.84	6.51	32.58			
AV	4.88786G	34.40	54.00	-19.60	27.61	3	Horizontal	208	1.79	-	32.85	6.52	32.58			
PK	7.32288G	53.80	74.00	-20.20	40.90	3	Horizontal	221	1.35	-	37.55	7.98	32.63			
AV	7.32408G	40.75	54.00	-13.25	27.85	3	Horizontal	221	1.35	-	37.55	7.98	32.63			

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

2452MHz_TX

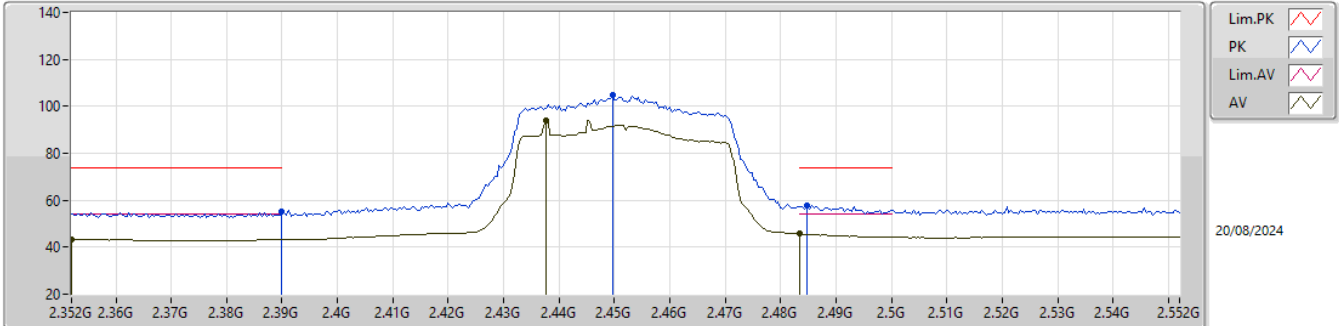


EUT_Y_2TX
Setting 24
03-E-R-7

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	58.15	74.00	-15.85	25.49	3	Vertical	159	1.28	-	28.29	4.37	-			
AV	2.352G	46.43	54.00	-7.57	13.98	3	Vertical	159	1.28	-	28.12	4.33	-			
PK	2.4412G	115.05	Inf	-Inf	82.34	3	Vertical	159	1.28	-	28.30	4.41	-			
AV	2.4432G	104.44	Inf	-Inf	71.73	3	Vertical	159	1.28	-	28.30	4.41	-			
PK	2.4835G	66.03	74.00	-7.97	33.26	3	Vertical	159	1.28	-	28.34	4.43	-			
AV	2.4835G	51.64	54.00	-2.36	18.87	3	Vertical	159	1.28	-	28.34	4.43	-			

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

2452MHz_TX

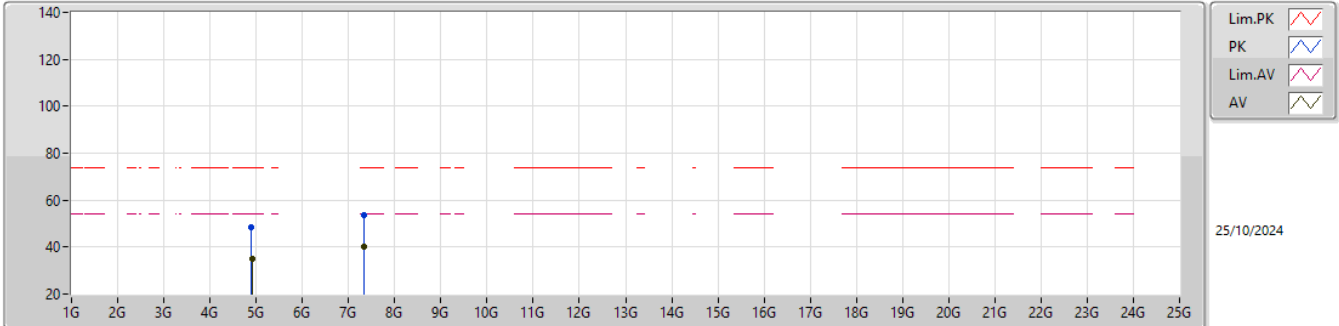


EUT_Y_2TX
Setting 24
01-C-V-1

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	2.39G	54.92	74.00	-19.08	23.80	3	Horizontal	148	1.72	-	27.40	3.72	-			
AV	2.352G	43.24	54.00	-10.76	12.03	3	Horizontal	148	1.72	-	27.50	3.71	-			
PK	2.4496G	104.62	Inf	-Inf	73.35	3	Horizontal	148	1.72	-	27.50	3.77	-			
AV	2.4376G	93.90	Inf	-Inf	62.56	3	Horizontal	148	1.72	-	27.58	3.76	-			
PK	2.4848G	57.66	74.00	-16.34	26.00	3	Horizontal	148	1.72	-	27.85	3.81	-			
AV	2.4835G	45.64	54.00	-8.36	13.99	3	Horizontal	148	1.72	-	27.84	3.81	-			

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

2452MHz_TX

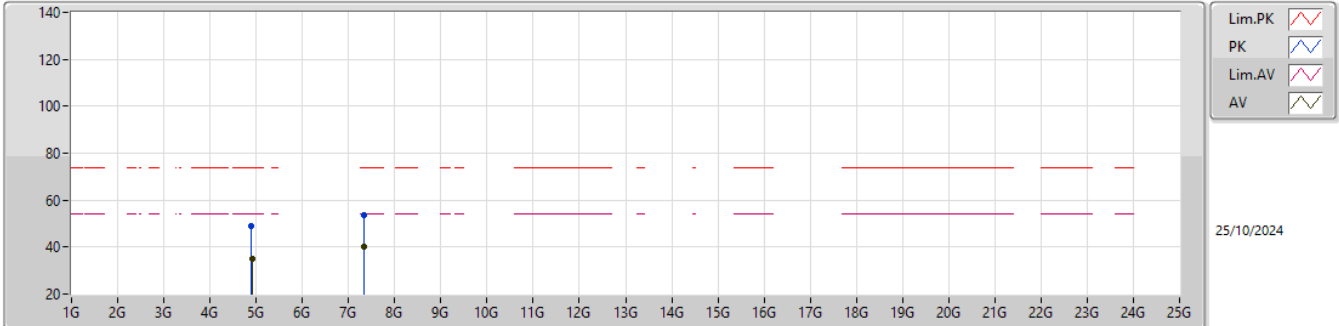


EUT_Y_2TX
Setting 24
01-C-V-1

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	4.9028G	48.57	74.00	-25.43	41.70	3	Vertical	217	2.65	-	32.91	6.54	32.58			
AV	4.91414G	34.99	54.00	-19.01	28.09	3	Vertical	217	2.65	-	32.93	6.55	32.58			
PK	7.34814G	53.83	74.00	-20.17	40.87	3	Vertical	302	1.83	-	37.60	7.98	32.62			
AV	7.341G	40.35	54.00	-13.65	27.41	3	Vertical	302	1.83	-	37.58	7.98	32.62			

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

2452MHz_TX


EUT_Y_2TX
Setting 24
01-C-V-1

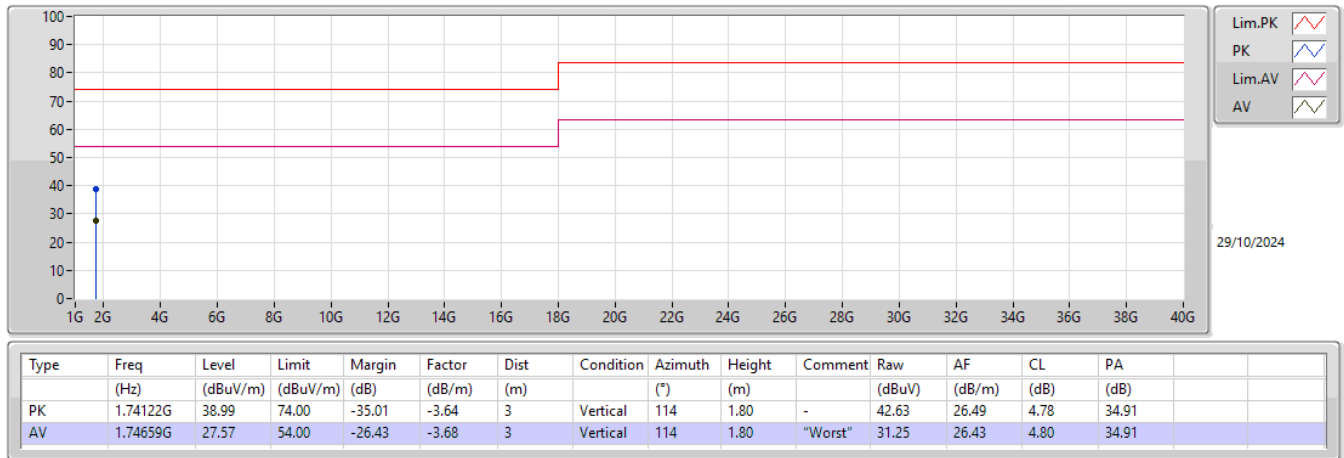
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9013G	48.78	74.00	-25.22	41.92	3	Horizontal	3	1.80	-	32.90	6.54	32.58			
AV	4.91246G	35.00	54.00	-19.00	28.11	3	Horizontal	3	1.80	-	32.92	6.55	32.58			
PK	7.34544G	53.48	74.00	-20.52	40.53	3	Horizontal	5	1.37	-	37.59	7.98	32.62			
AV	7.34106G	40.37	54.00	-13.63	27.43	3	Horizontal	5	1.37	-	37.58	7.98	32.62			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.74709G	27.70	54.00	-26.30	Horizontal

Mode 1



Mode 1

