



RADIO TEST REPORT

FCC ID : UXX-S5A509A
Equipment : E400-5GE-AM, X20-5GE-AM
Brand Name : Ericsson
Model Name : S5A509A
Applicant : Ericsson Enterprise Wireless Solutions, Inc.
1100 W. Idaho St. Boise, ID 83702
Manufacturer : Ericsson Enterprise Wireless Solutions, Inc.
1100 W. Idaho St. Boise, ID 83702
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 14, 2024, and testing was started from Oct. 15, 2024 and completed on Feb. 17, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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.	Brand	Model Name	Antenna Type	Connector	Support Function	Gain (dBi)
1	WNC	57XPAG15.001	PIFA Antenna	I-PEX	WLAN 2.4GHz+5GHz	Note 1
2	WNC	57XPAG15.002	PIFA Antenna	I-PEX	WLAN 2.4GHz+5GHz	
3	WNC	3S.007DN.111	PIFA Antenna	N/A	WLAN 6GHz	
4	WNC	3S.007DN.111	PIFA Antenna	N/A	WLAN 6GHz	
5	WNC	81XPAG15.G17	Dipole Antenna	SMA	WWAN	
6	WNC	81XPAG15.G17	Dipole Antenna	SMA	WWAN	
7	WNC	81XPAG15.G17	Dipole Antenna	SMA	WWAN	
8	WNC	81XPAG15.G17	Dipole Antenna	SMA	WWAN	
9	WNC	3S.007DK.111	PIFA Antenna	N/A	WWAN	
10	WNC	3S.007DL.111	PIFA Antenna	N/A	WWAN	
11	WNC	3S.007DM.111	PIFA Antenna	N/A	WWAN	
12	WNC	3S.007DM.111	PIFA Antenna	N/A	WWAN	
13	WNC	81XPAG15.G03	PIFA Antenna	I-PEX	GPS	

Note 1:

Ant.	Port		Antenna Gain (dBi)				
	WLAN 2.4GHz	WLAN 5GHz	WLAN 2.4GHz	WLAN 5GHz			
				UNII 1	UNII 2A	UNII 2C	UNII 3
1	1	1	3.5	5.9	6.0	7.1	5.5
2	2	2	5.6	7.4	7.4	7.0	7.0

Ant.	Port		Antenna Gain (dBi)			
	WLAN 6GHz		WLAN 6GHz			
			UNII 5	UNII 6	UNII 7	UNII 8
3	2		5.9	5.5	6.6	6.6
4	1		8.3	8.1	8.2	7.7



Ant.	WWAN Antenna Gain (dBi)									
	LTE									
	Band 2	Band 4	Band 5	Band 7	Band 12	Band 13	Band 14	Band 17	Band 25	Band 26 (814-824MHz)
5	2.63	3.14	3.22	-	3.17	3.06	3.16	3.17	2.63	3.22
6	-	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-	-
8	-	-	-	2.9	-	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-	-

Ant.	LTE								
	Band 26 (824-849MHz)	Band 30	Band 38	Band 41	Band 42	Band 43	Band 48	Band 66	Band 71
5	3.22	-	-	-	3.48	3.12	3.24	3.14	2.94
6	-	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-	-
8	-	2.89	2.9	3.1	-	-	-	-	-
9	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-	-



Ant.	WWAN Antenna Gain (dBi)							
	5G NR							
	Band 2	Band 5	Band 7	Band 12	Band 13	Band 14	Band 25	Band 26 (814-824MHz)
5	2.63	3.22	2.9	3.17	3.06	3.16	2.63	3.22
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	2.63	3.22	2.9	-	-	-	2.63	-
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
Ant.	5G NR							
	Band 26 (824-849MHz)	Band 30	Band 38	Band 41	Band 48	Band 66	Band 70	Band 71
5	3.22	-	2.9	3.1	3.24	3.14	3.14	2.94
6	-	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-	-
8	-	2.89	2.9	3.1	3.24	3.14	3.14	2.94
9	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-
12	-	-	-	-	-	-	-	-
Ant.	5G NR				5G NR			
	Band 77 (3450-3550MHz)		Band 77 (3700-3980MHz)		Band 78 (3450-3550MHz)		Band 78 (3700-3800MHz)	
5	3.48		3.45		3.48		3.12	
6	-		-		-		-	
7	-		-		-		-	
8	3.48		3.45		3.48		3.12	
9	-		-		-		-	
10	-		-		-		-	
11	-		-		-		-	
12	-		-		-		-	

Ant.	GPS Antenna Gain (dBi)
13	3.5

Note 2: The above information was declared by manufacturer.

Note 3: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

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

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

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

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

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

Where ;

$$2.4G \ G1 = 3.5 \text{ dBi} ; G2 = 5.6 \text{ dBi} ;$$

$$5G \ UNII-1 \ G1 = 5.9 \text{ dBi} ; G2 = 7.4 \text{ dBi} ;$$

$$5G \ UNII-2A \ G1 = 6.0 \text{ dBi} ; G2 = 7.4 \text{ dBi} ;$$

$$5G \ UNII-2C \ G1 = 7.1 \text{ dBi} ; G2 = 7.0 \text{ dBi} ;$$

$$5G \ UNII-3 \ G1 = 5.5 \text{ dBi} ; G2 = 7.0 \text{ dBi} ;$$

$$6G \ UNII-5 \ G1 = 5.9 \text{ dBi} ; G2 = 8.3 \text{ dBi} ;$$

$$6G \ UNII-6 \ G1 = 5.5 \text{ dBi} ; G2 = 8.1 \text{ dBi} ;$$

$$6G \ UNII-7 \ G1 = 6.6 \text{ dBi} ; G2 = 8.2 \text{ dBi} ;$$

$$6G \ UNII-8 \ G1 = 6.6 \text{ dBi} ; G2 = 7.7 \text{ dBi} ;$$

$$2.4G \ DG = 7.62 \text{ dBi}$$

$$5G \ UNII-1 \ DG = 9.69 \text{ dBi}$$

$$5G \ UNII-2A \ DG = 9.74 \text{ dBi}$$

$$5G \ UNII-2C \ DG = 10.06 \text{ dBi}$$

$$5G \ UNII-3 \ DG = 9.29 \text{ dBi}$$

$$6G \ UNII-5 \ DG = 10.19 \text{ dBi}$$

$$6G \ UNII-6 \ DG = 9.91 \text{ dBi}$$

$$6G \ UNII-7 \ DG = 10.45 \text{ dBi}$$

$$6G \ UNII-8 \ DG = 10.18 \text{ dBi}$$



Note 4: **For 2.4GHz function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 6GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11b_Nss 1,(1D)	0.996	0.02	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11g_Nss 1,(6D)	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss 1,(M0)	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss 1,(M0)	0.979	0.09	5.455m	300
802.11be EHT20-BF_Nss 1,(M0)	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss 1,(M0)	0.979	0.09	5.455m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	Powered by adapter or internal battery			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QSPR V6.00.00156.1			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Support Function

Function	Support Type	Supports Band
AP Router	Master	WLAN 2.4GHz, WLAN 5GHz UNII 1~3, WLAN 6GHz UNII 5~8
Slave	Slave with radar detection	WLAN 2.4GHz, WLAN 5GHz UNII 1~3

Note1: The 6GHz function is disabled when operating on battery power, other than during a power outage.

Note2: The above information was declared by manufacturer.



1.1.6 Table for Multiple Listing

The equipment names in the following table are all refer to the identical product.

Equipment Name	Model Name	Description
E400-5GE-AM	S5A509A	The only difference between X20-5GE-AM and E400-5GE-AM firmware versions are the subscription packages they support. These subscription packages are used to license advanced software features for different market segments. The features that are licensed in the subscription packages are primarily advanced networking features (IPSec, BGP, RIP, STP) and remote diagnostic tools.
X20-5GE-AM		

Note 1: From the above equipment names, equipment name: E400-5GE-AM was selected as representative equipment name for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.

**1.1.7 Table for WWAN Module Information**

The EUT contains a WWAN module.

The WWAN module information is listed below:

Brand Name	Model Name	FCC ID	Support Function
Ericsson	RG650V-NA	UXX-2024 RG650VNA	LTE band: 2, 4, 5, 7, 12, 13, 14, 17, 25, 26(814-824), 26(824-849), 30, 38, 41(2496~2690), 42, 43(3700~3800), 48, 66, 71 LTE Inter band: CA_2C, CA_5B, CA_38C, CA_41C, CA_42C, CA_43C, CA_48B, CA_48C, CA_66B, CA_66C, CA_7C, CA_12B 5G NR SA Band: n2, n5, n7, n12, n13, n14, n25, n26(814-824), n26(824-849), n30, n38, n41, n48, n66, n70, n71, n77(3450-3550), n77(3700-3980), n78(3450-3550), n78(3700-3800) 5G EN-DC Band: DC_13A_n66A; DC_5A_n2A; DC_14A_n2A; DC_30A_n2A; DC_2A_n5A; DC_12A_n5A; DC_30A_n5A; DC_66A_n5A; DC_2A_n12A; DC_30A_n12A; DC_66A_n12A; DC_2A_n14A; DC_30A_n14A; DC_66A_n14A; DC_2A_n30A; DC_5A_n30A; DC_12A_n30A; DC_14A_n30A; DC_66A_n30A; DC_2A_n66A; DC_5A_n66A; DC_12A_n66A; DC_14A_n66A; DC_30A_n66A; DC_12A_n2A; DC_71A_n2A; DC_71A_n66A; DC_2A_n71A; DC_66A_n71A; DC_66A_n25A; DC_66A_n41A; DC_26A_n41A; DC_7A_n78A; DC_38A_n78A; DC_5A_n78A; DC_7A_n5A; DC_66A_n78A; DC_2A_n78A; DC_5A_n71A; DC_7A_n71A; DC_12A_n71A; DC_12A_n78A; DC_13A_n71A; DC_5A_n7A; DC_12A_n7A; DC_66A_n7A; DC_5A_n41A; DC_71A_n7A; DC_7A_n12A; DC_13A_n2A; DC_48A_n5A; DC_48A_n66A; DC_7A_n66A; DC_13A_n78A; DC_41A_n77A; DC_41A_n78A; DC_4A_n41A; DC_66A_n38A; DC_2A_n38A; DC_12A_n38A; DC_4A_n38A; DC_5A_n38A; DC_4A_n78A; DC_12A_n25A; DC_7A_n77A; DC_71A_n78A; DC_71A_n38A; DC_13A_n7A; DC_12A_n41A; DC_2A_n7A; DC_7A_n2A; DC_2A_n77A; DC_5A_n77A; DC_13A_n77A; DC_66A_n77A; DC_12A_n77A; DC_14A_n77A; DC_30A_n77A; DC_26A_n78A; DC_71A_n41A; DC_4A_n2A; DC_7A_n25A; DC_7A_n25A; DC_5A_n25A; DC_5A_n25A; DC_5A_n12A; DC_71A_n12A; DC_4A_n7A; DC_4A_n7A; DC_25A_n78A; DC_25A_n77A; DC_48A_n71A; DC_48A_n12A; DC_71A_n77A; DC_48A_n2A; DC_14A_n5A; DC_71A_n5A; DC_7A_n26A 5G CA Band: n25A-n41A; n41A-n71A; n66A-n78A; n7A-n77A; n2A-n77A; n5A-n77A; n66A-n77A; n30A-n77A; n30A-n77A; n30A-n77A; n5A-n48A; n71A-n77A; n12A-n77A; n14A-n77A; n71A-n78A; n2A-n78A; n25A-n78A; n38A-n66A; n25A-n48A; n25A-n77A; n25A-n38A; n2A-n41A; n12A-n41A; n12A-n78A; n13A-n77A; n5A-n41A; n12A-n48A; n70A-n78A; n41A-n70A; n26A-n78A; n26A-n77A

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 ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH02-CB	Kj Chang	23.1~24.7 / 61~66	Nov. 12, 2024~ Dec. 10, 2024
Radiated (below 1GHz-Mode 1~3)	03CH06-CB	Roy Mai	22.5~22.9 / 58~60	Dec. 30, 2024
Radiated (below 1GHz-Mode 4)	03CH05-CB		21.9~22.4 / 60~62	Feb. 17, 2025
Radiated (above 1GHz)	03CH01-CB		22.1~23.1 / 60~62	Oct. 15, 2024~ Dec. 20, 2024
	03CH03-CB		22.2~22.6 / 59~61	
Radiated (Co-location)	03CH06-CB		22.5~22.9 / 58~60	Dec. 30, 2024
AC Conduction	CO01-CB	Bob Chang	22~23 / 54~55	Jan. 02, 2025

1.4 Measurement Uncertainty

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

Test 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
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_2TX
2412MHz
2437MHz
2462MHz
802.11be EHT40_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2452MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
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 beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

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	CTX
1	EUT_WLAN 2.4GHz + Adapter
2	EUT_WLAN 5GHz + Adapter
3	EUT_WLAN 6GHz + Adapter
For operating mode 3 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX After evaluating, the worst case was found as below from radiated emission above 1GHz. Thus, the measurement will follow this same test configuration.
1	EUT in X axis + Adapter_WLAN 2.4GHz
2	EUT in X axis + Battery_WLAN 2.4GHz
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT in Z axis + Battery_WLAN 5GHz
4	EUT in Z axis + Adapter_WLAN 6GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX After evaluating, the worst case was found at X axis, so it was selected to perform test and its test result was written in the report.
1	EUT in X 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 Z axis, so it was selected to perform test and its test result was written in the report.
1	EUT in Z axis_WLAN 2.4GHz + 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 + WLAN 6GHz + WWAN: 4G
2	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz + WWAN: 5G
Refer to Sporton Test Report No.: FA4O0105-02 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	APD	WA-36W12R	INPUT: 100-240V~, 50-60Hz, 0.9A Max OUTPUT: 12.0V, 3.0A, 36.0W
Rechargeable Li-ion Battery	Getac	170921-000	Rated voltage: 7.26V Rated capacity: 7800mAh(56.62Wh) Input: 12V, 1A
Others			
RJ-45 cable*1: Non-shielded, 1.5m			
US plug*1			



2.5 Support Equipment

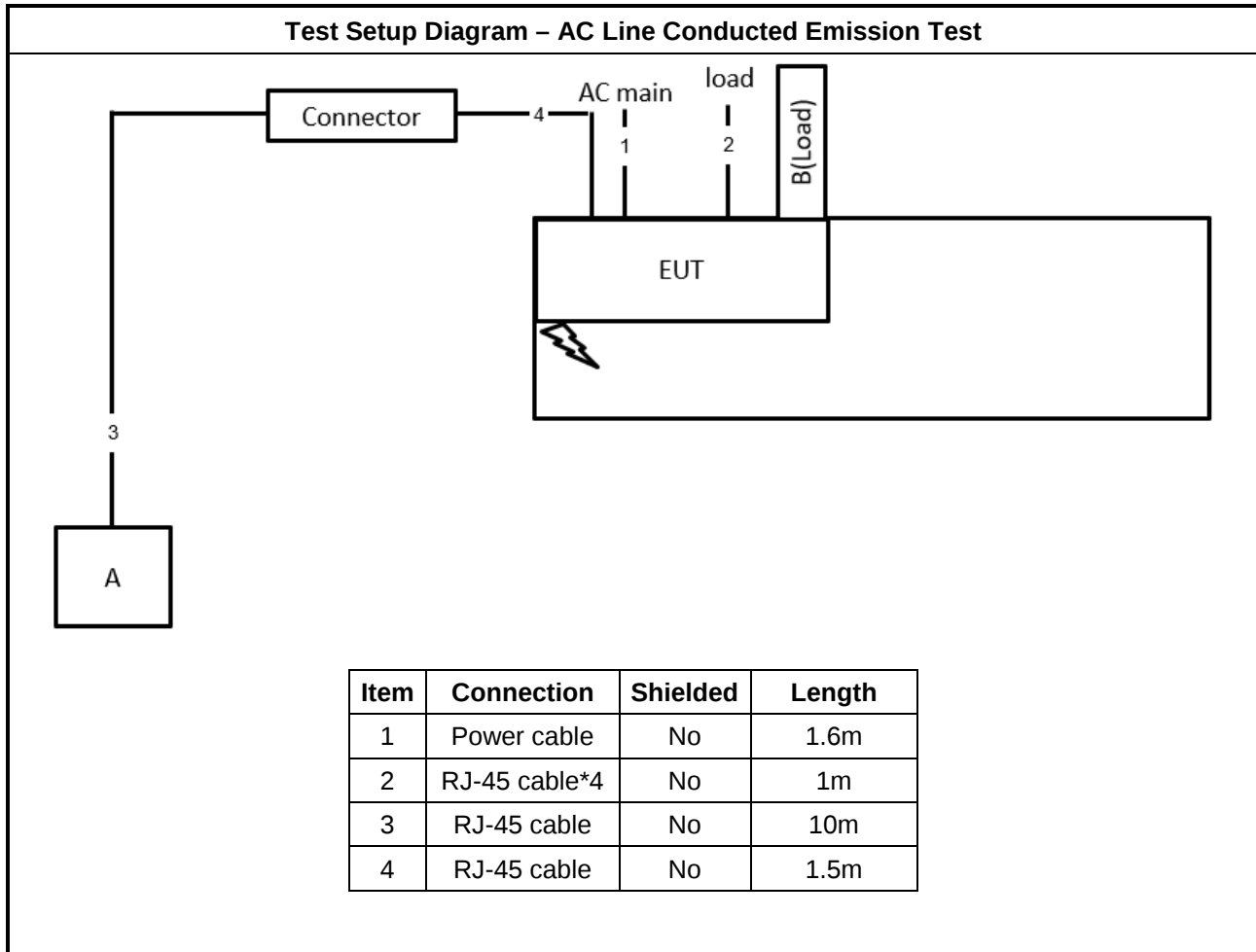
For AC Conduction:

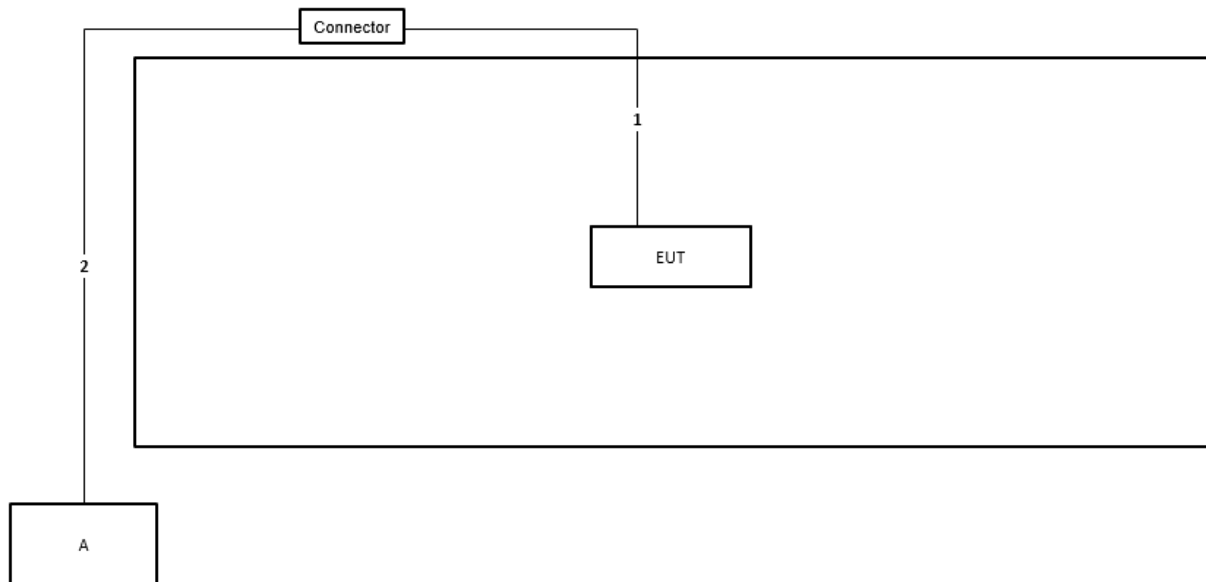
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	WAN NB	DELL	E6430	N/A
B	Flash disk3.0	Transcend	JetFlash-703	N/A

For Radiated and RF Conducted:

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

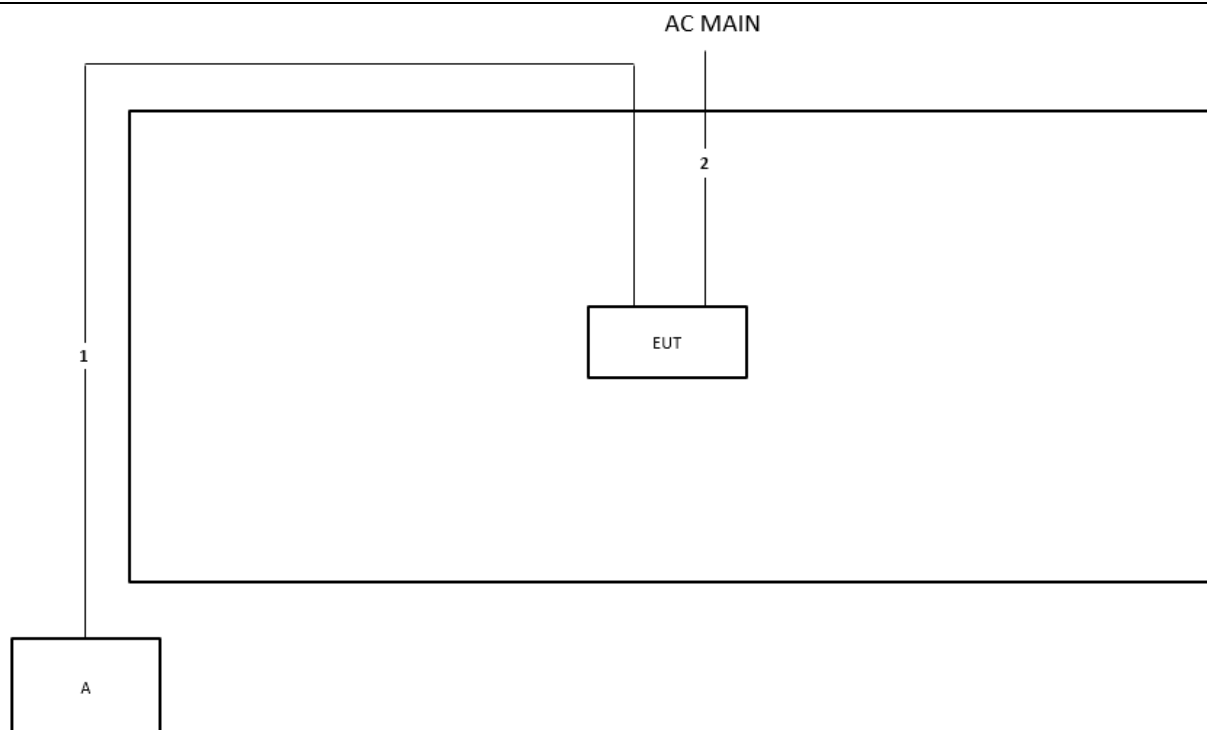
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


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

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.6m



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.		

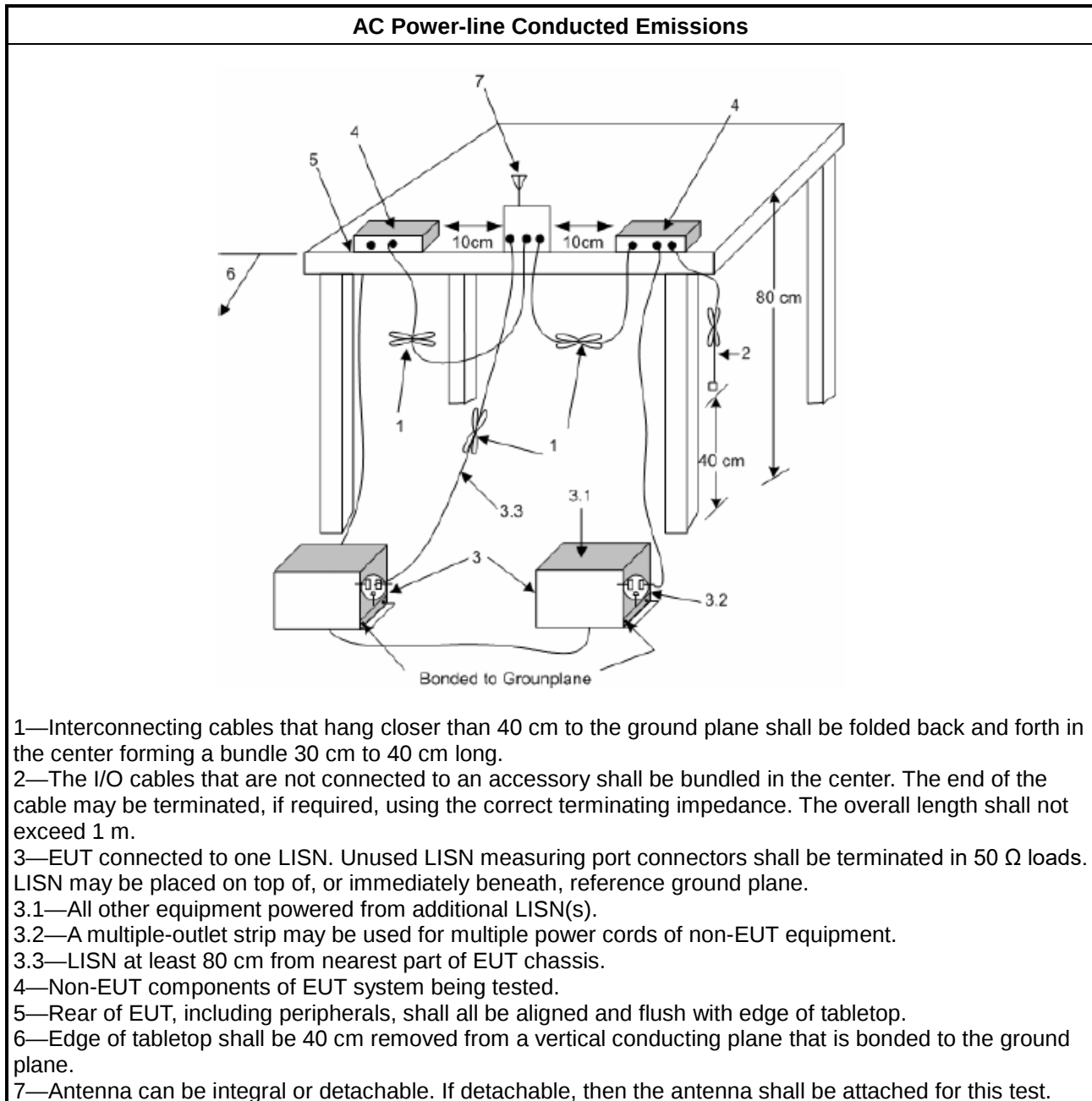
3.1.2 Measuring Instruments

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.

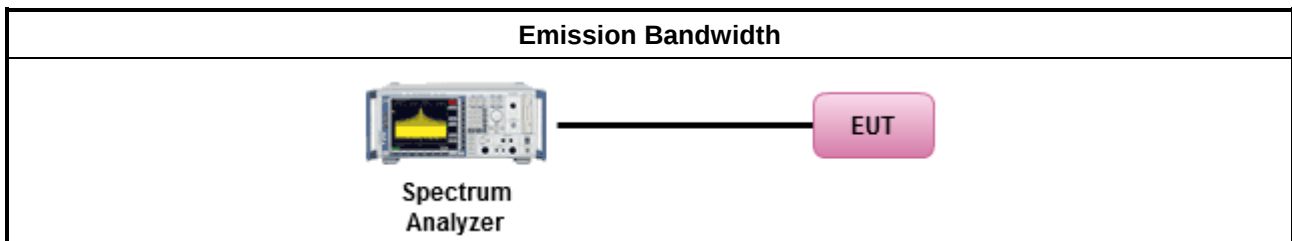
3.2.2 Measuring Instruments

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.	

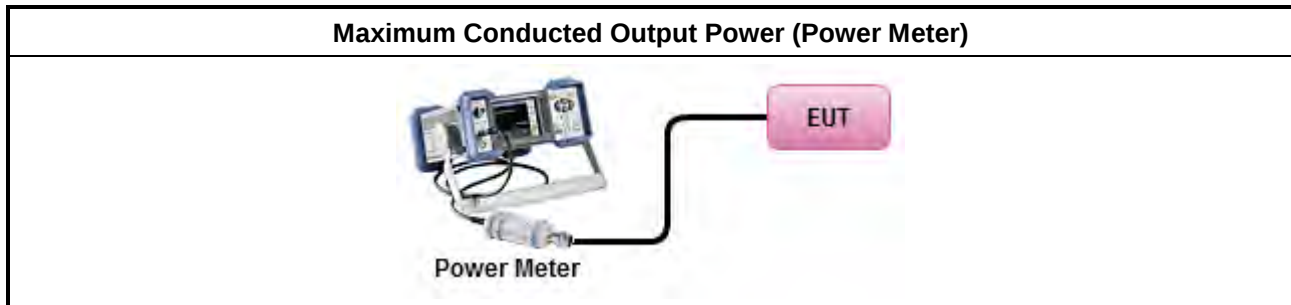
3.3.2 Measuring Instruments

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

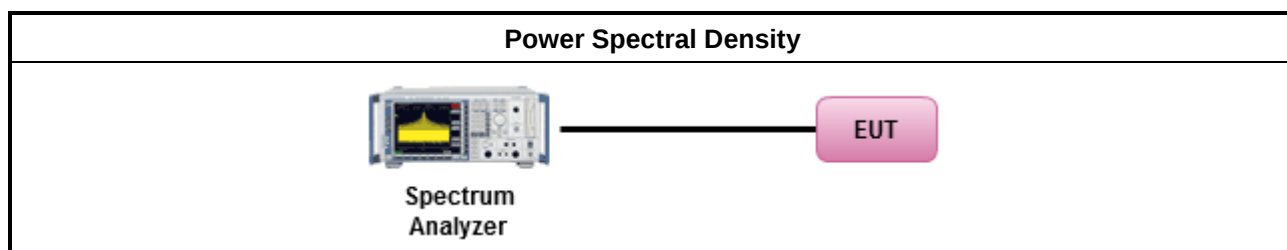
3.4.2 Measuring Instruments

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.	

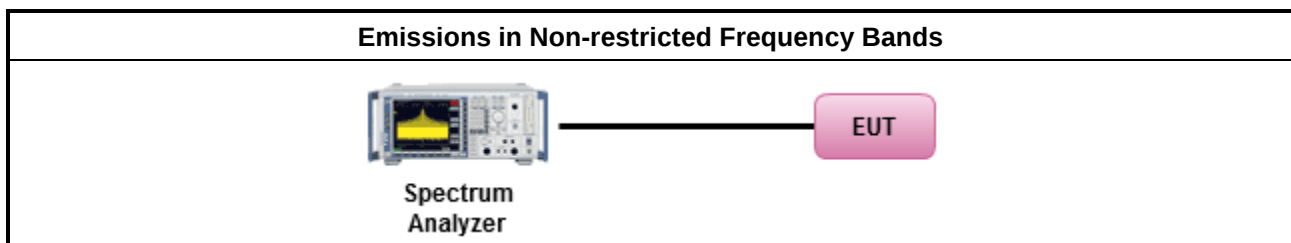
3.5.2 Measuring Instruments

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

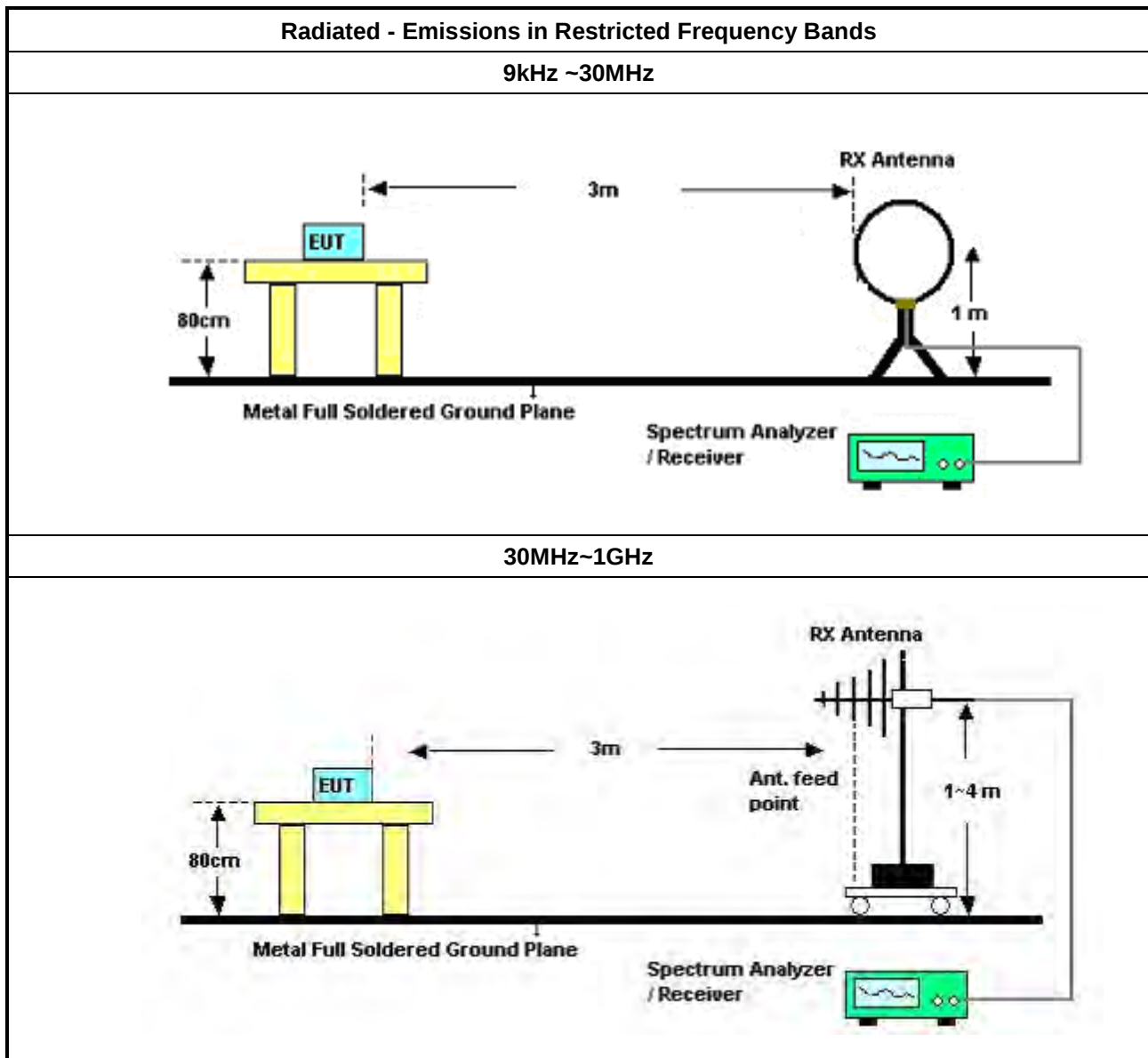
Refer a test equipment and calibration data table in this test report.

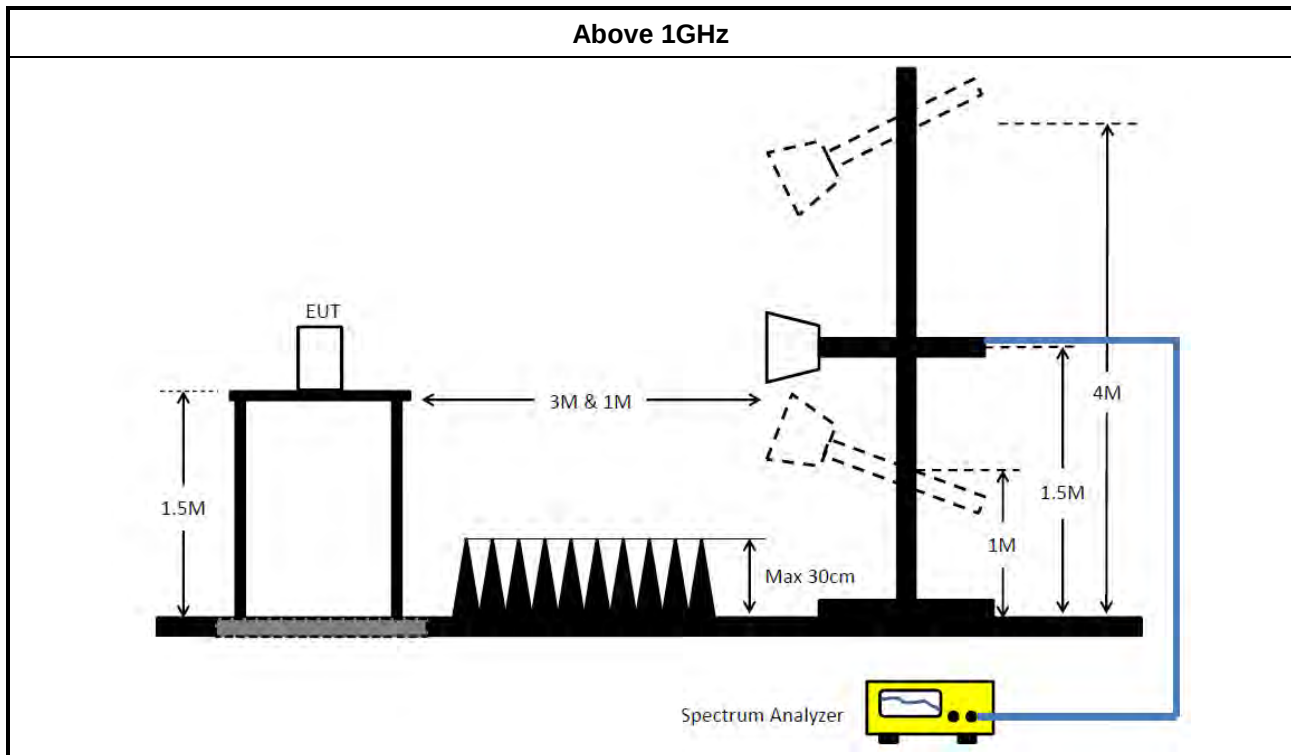


3.6.3 Test Procedures

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	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 08, 2024	Oct. 07, 2025	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 29, 2024	Jul. 28, 2025	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 02, 2024	Nov. 01, 2025	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH06-CB)
Signal analyzer	R&S	FSV3044	101667	9kHz~44GHz	Aug. 20, 2024	Aug. 19, 2025	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESR7	102171	9kHz ~ 7GHz	Aug. 02, 2024	Aug. 01, 2025	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-24+68	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 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)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	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. 21, 2024	Oct. 20, 2025	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	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 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH03-CB	1GHz ~18GHz 3m	May 03, 2024	May 02, 2025	Radiation (03CH03-CB)
Horn Antenna	ETS-Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2024	Jan. 23, 2025	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 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)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 27, 2024	Aug. 26, 2025	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Aug. 26, 2024	Aug. 25, 2025	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Aug. 26, 2024	Aug. 25, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH02-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

NCR means Non-Calibration required.



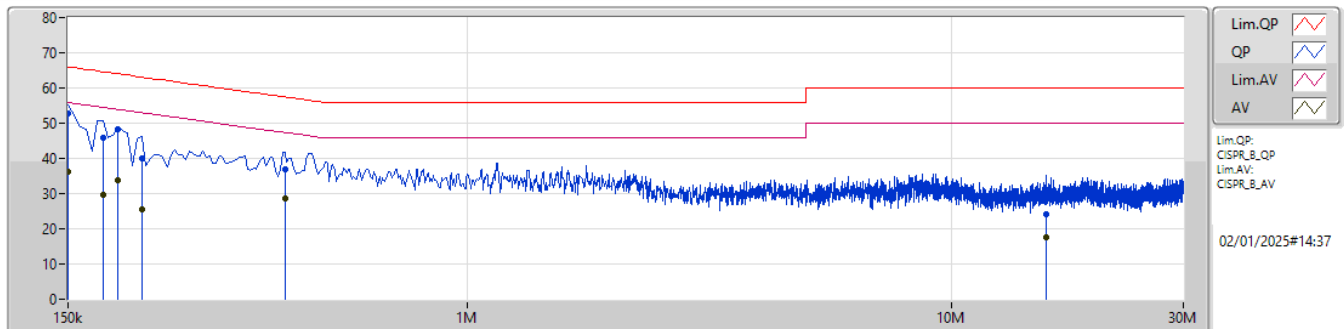
Conducted Emissions at Powerline

Appendix A

Summary

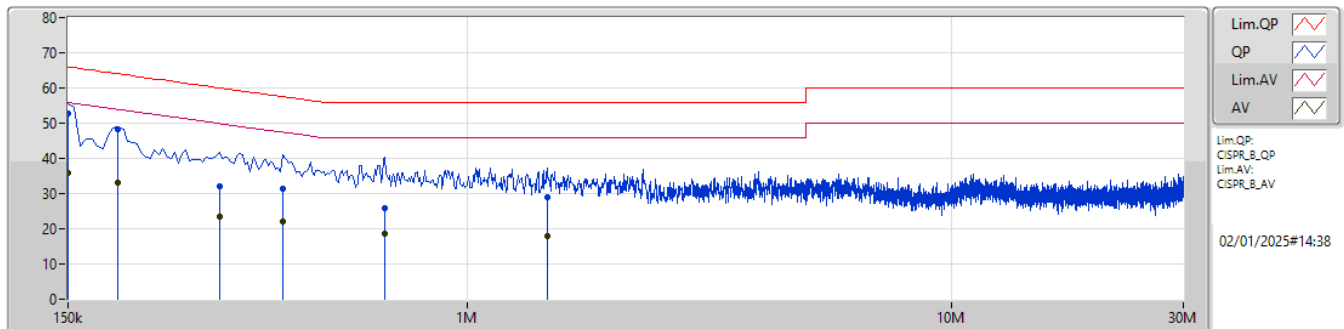
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	QP	150k	52.85	66.00	-13.15	Neutral

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	52.72	66.00	-13.28	10.03	Line	"Worst"	42.69	0.04	0.08	9.91						
AV	150k	36.21	56.00	-19.79	10.03	Line	-	26.18	0.04	0.08	9.91						
QP	177k	45.77	64.62	-18.85	10.04	Line	-	35.73	0.04	0.07	9.93						
AV	177k	29.77	54.62	-24.85	10.04	Line	-	19.73	0.04	0.07	9.93						
QP	190.5k	48.23	64.01	-15.78	10.05	Line	-	38.18	0.04	0.07	9.94						
AV	190.5k	33.71	54.01	-20.30	10.05	Line	-	23.66	0.04	0.07	9.94						
QP	213k	40.09	63.09	-23.00	10.07	Line	-	30.02	0.04	0.07	9.96						
AV	213k	25.66	53.09	-27.43	10.07	Line	-	15.59	0.04	0.07	9.96						
QP	420k	36.79	57.45	-20.66	10.22	Line	-	26.57	0.05	0.10	10.07						
AV	420k	28.47	47.45	-18.98	10.22	Line	-	18.25	0.05	0.10	10.07						
QP	15.653M	24.23	60.00	-35.77	10.44	Line	-	13.79	0.28	0.24	9.92						
AV	15.653M	17.64	50.00	-32.36	10.44	Line	-	7.20	0.28	0.24	9.92						

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	52.85	66.00	-13.15	10.05	Neutral	"Worst"	42.80	0.06	0.08	9.91						
AV	150k	35.79	56.00	-20.21	10.05	Neutral	-	25.74	0.06	0.08	9.91						
QP	190.5k	48.29	64.01	-15.72	10.07	Neutral	-	38.22	0.06	0.07	9.94						
AV	190.5k	33.10	54.01	-20.91	10.07	Neutral	-	23.03	0.06	0.07	9.94						
QP	307.5k	31.92	60.03	-28.11	10.17	Neutral	-	21.75	0.06	0.09	10.02						
AV	307.5k	23.33	50.03	-26.70	10.17	Neutral	-	13.16	0.06	0.09	10.02						
QP	415.5k	31.29	57.53	-26.24	10.22	Neutral	-	21.07	0.06	0.10	10.06						
AV	415.5k	22.24	47.53	-25.29	10.22	Neutral	-	12.02	0.06	0.10	10.06						
QP	676.5k	26.00	56.00	-30.00	10.28	Neutral	-	15.72	0.07	0.09	10.12						
AV	676.5k	18.78	46.00	-27.22	10.28	Neutral	-	8.50	0.07	0.09	10.12						
QP	1.46M	29.00	56.00	-27.00	10.26	Neutral	-	18.74	0.09	0.12	10.05						
AV	1.46M	18.00	46.00	-28.00	10.26	Neutral	-	7.74	0.09	0.12	10.05						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.075M	13.193M	13M2G1D	7.075M	13.062M
802.11g_Nss1,(6Mbps)_2TX	16.525M	16.758M	16M8D1D	16.35M	16.696M
802.11be EHT20_Nss1,(MCS0)_2TX	19.175M	19.042M	19M0D1D	18.8M	19.004M
802.11be EHT40_Nss1,(MCS0)_2TX	38.2M	38.032M	38M0D1D	37.55M	37.879M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

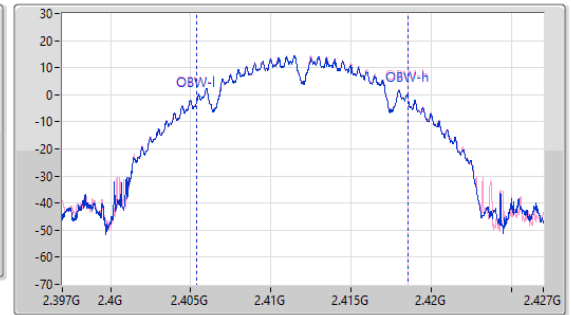
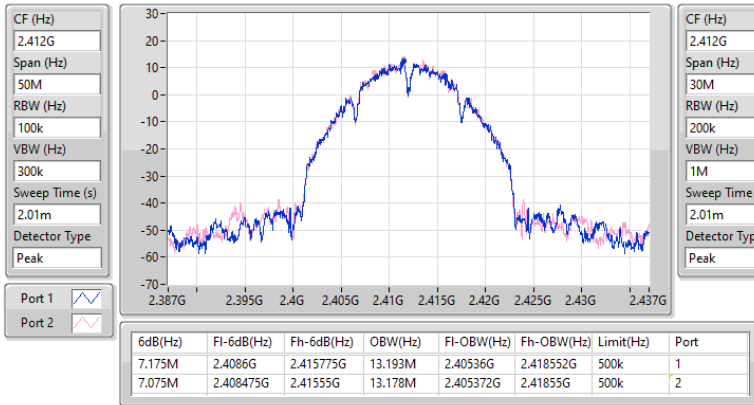
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.175M	13.193M	7.075M	13.178M
2437MHz	Pass	500k	8.075M	13.062M	7.15M	13.082M
2462MHz	Pass	500k	7.625M	13.185M	7.35M	13.08M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.375M	16.758M	16.5M	16.753M
2437MHz	Pass	500k	16.35M	16.715M	16.35M	16.702M
2462MHz	Pass	500k	16.475M	16.696M	16.525M	16.717M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.8M	19.004M	19.125M	19.02M
2437MHz	Pass	500k	19M	19.006M	19.175M	19.042M
2462MHz	Pass	500k	19.1M	19.013M	19.075M	19.022M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.7M	37.879M	37.9M	38.032M
2437MHz	Pass	500k	37.85M	37.944M	38.2M	37.935M
2452MHz	Pass	500k	37.55M	37.918M	37.65M	37.915M

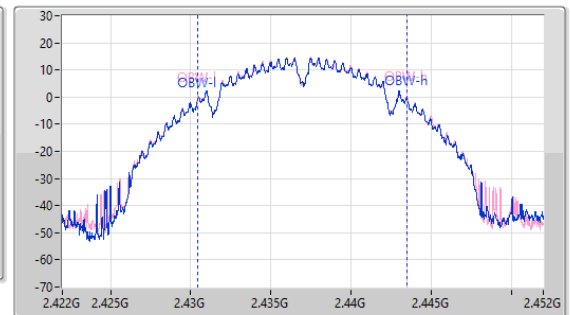
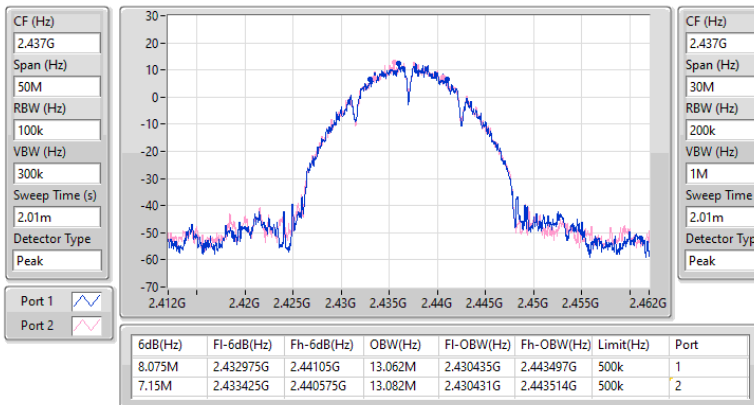
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

12/11/2024


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

12/11/2024

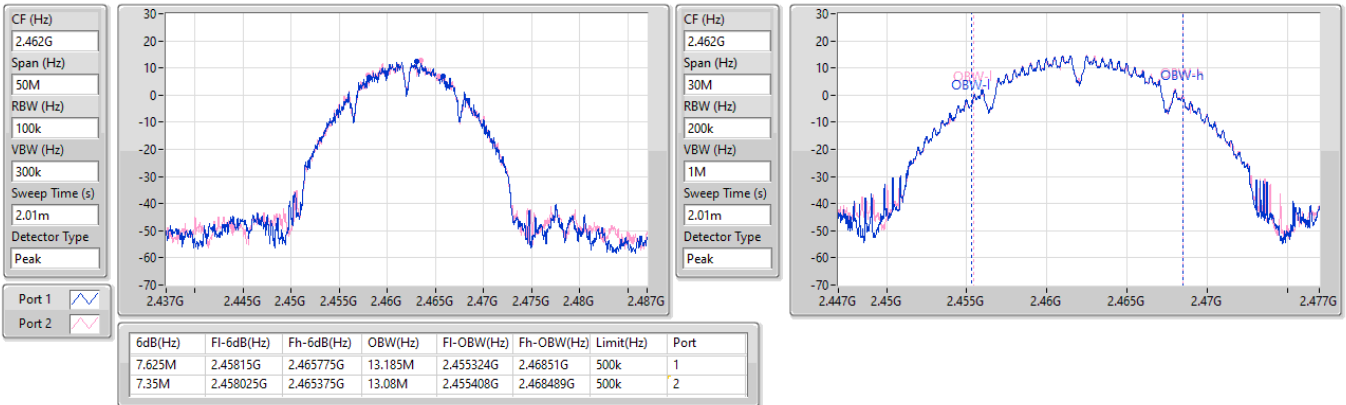


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

12/11/2024

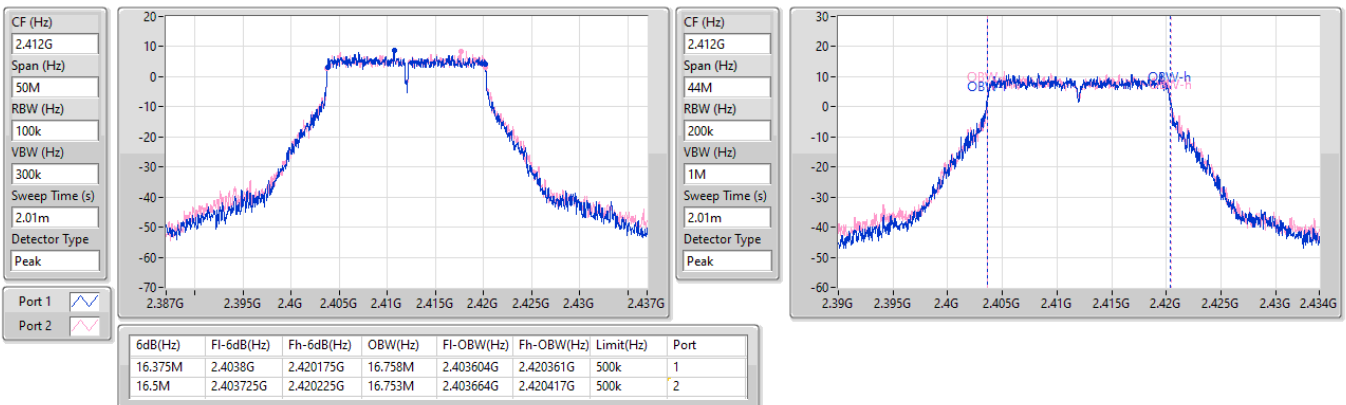


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

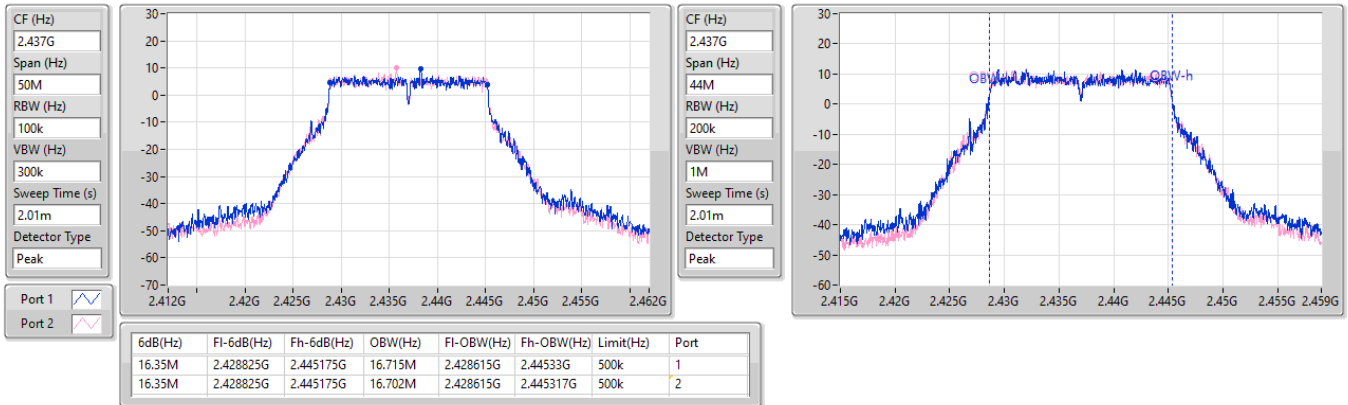
2412MHz

12/11/2024

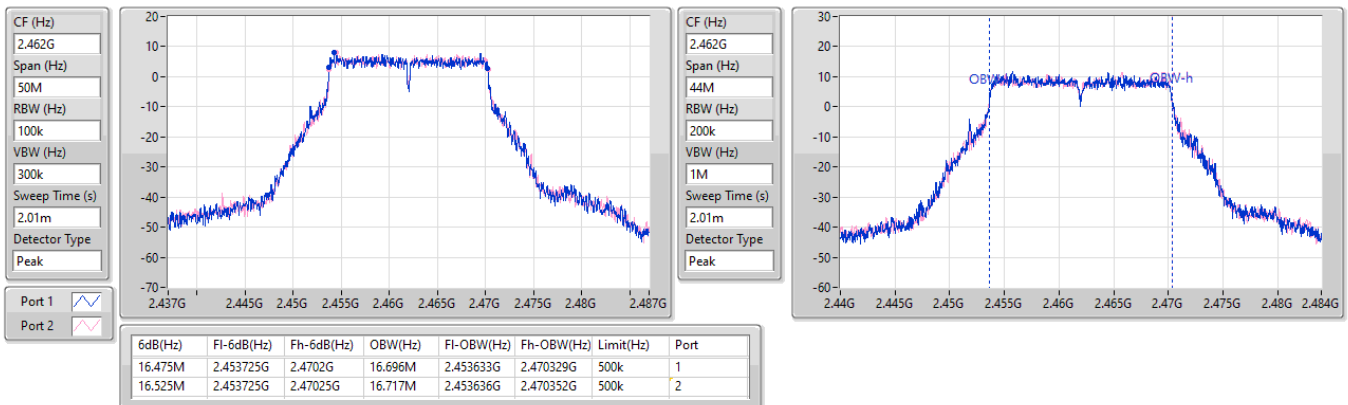


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

12/11/2024


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

12/11/2024

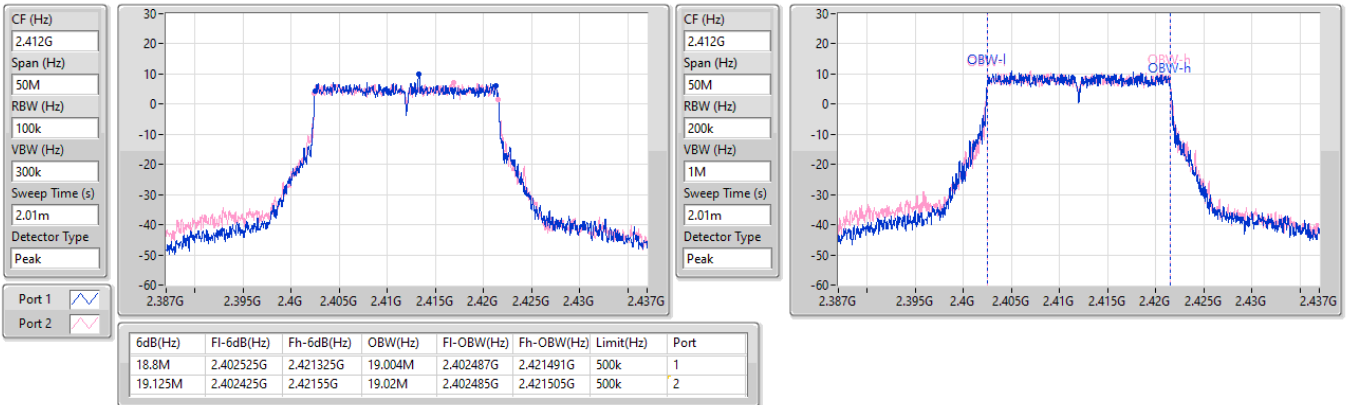


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2412MHz

12/11/2024

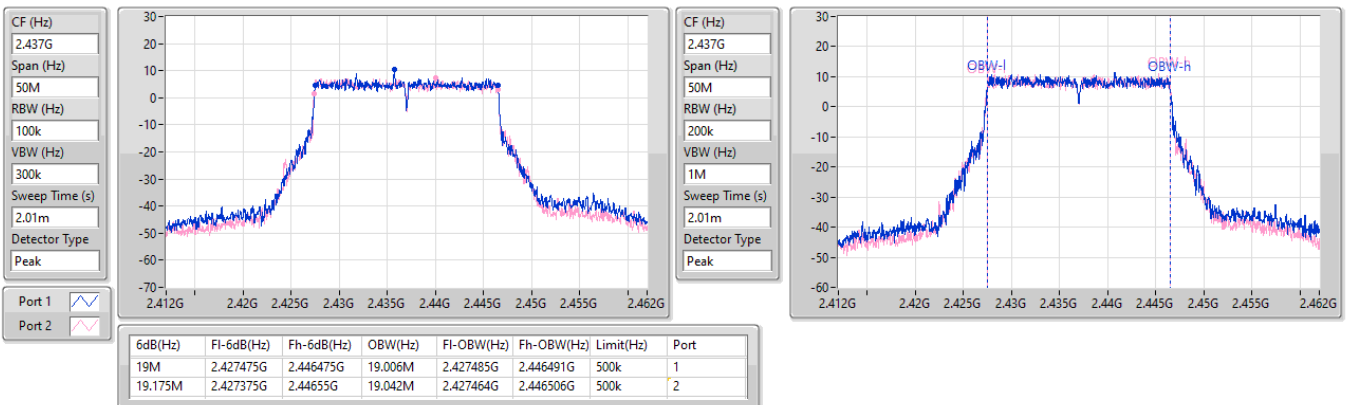


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

12/11/2024

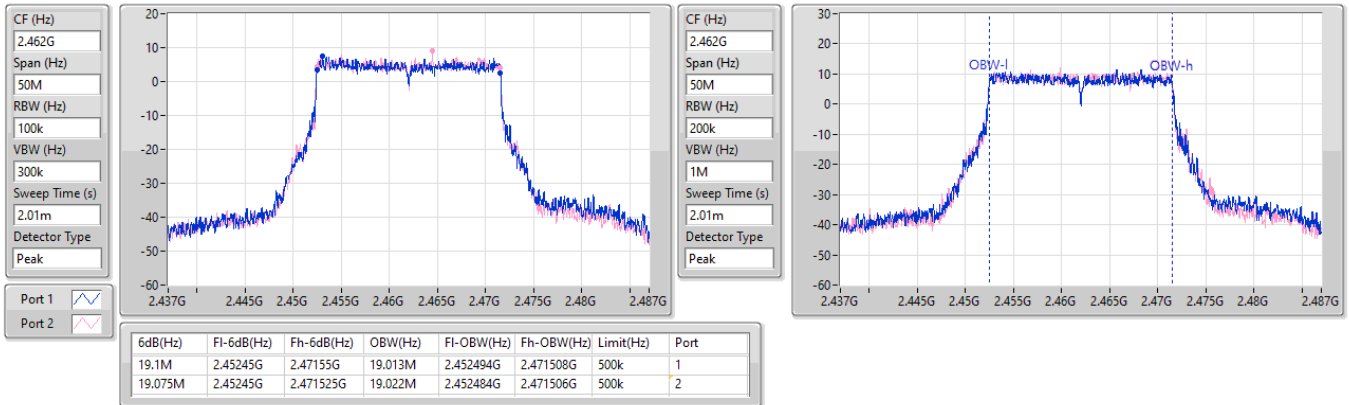


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

12/11/2024

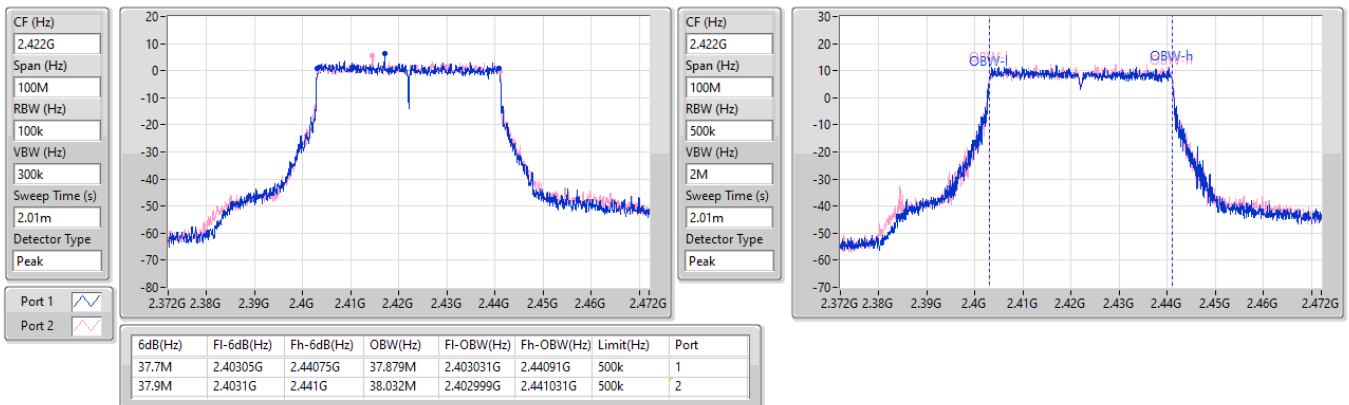


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2422MHz

12/11/2024

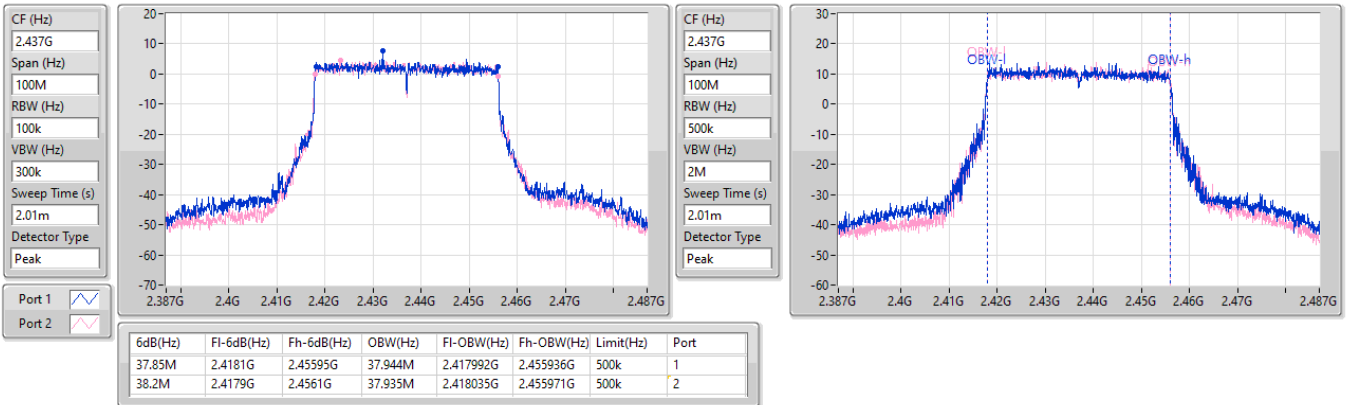


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

12/11/2024

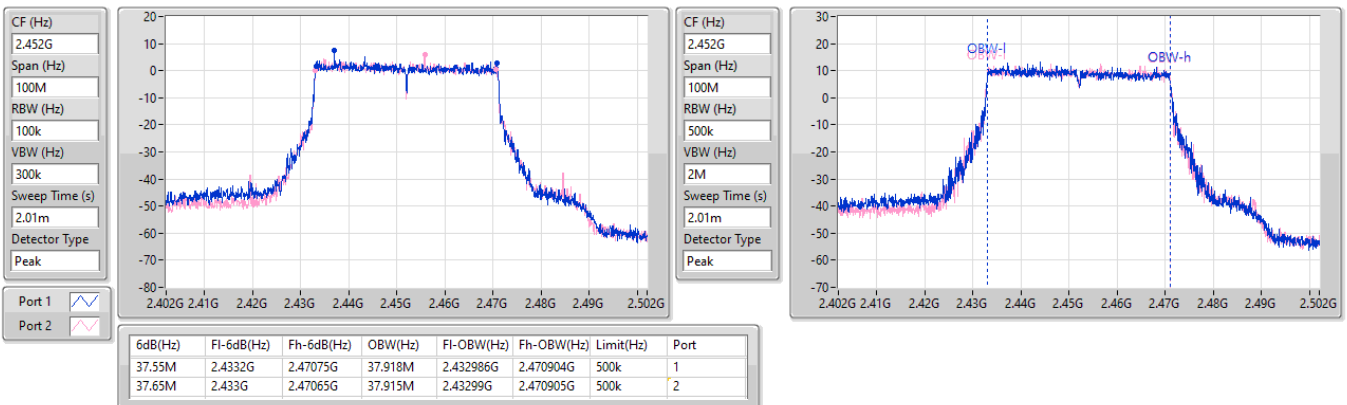


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

12/11/2024



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	25.12	0.32509
802.11g_Nss1,(6Mbps)_2TX	24.95	0.31261
802.11be EHT20_Nss1,(MCS0)_2TX	25.07	0.32137
802.11be EHT20-BF_Nss1,(MCS0)_2TX	25.07	0.32137
802.11be EHT40_Nss1,(MCS0)_2TX	24.92	0.31046
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.92	0.31046

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.60	21.98	22.12	25.06	30.00
2437MHz	Pass	5.60	22.03	22.18	25.12	30.00
2462MHz	Pass	5.60	22.02	22.16	25.10	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.60	21.73	21.85	24.80	30.00
2437MHz	Pass	5.60	21.81	21.86	24.85	30.00
2462MHz	Pass	5.60	21.86	22.02	24.95	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.60	21.84	21.94	24.90	30.00
2437MHz	Pass	5.60	21.98	21.89	24.95	30.00
2462MHz	Pass	5.60	22.02	22.09	25.07	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.60	20.62	20.66	23.65	30.00
2437MHz	Pass	5.60	21.93	21.88	24.92	30.00
2452MHz	Pass	5.60	20.82	20.96	23.90	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.62	21.84	21.94	24.90	28.38
2437MHz	Pass	7.62	21.98	21.89	24.95	28.38
2462MHz	Pass	7.62	22.02	22.09	25.07	28.38
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.62	20.62	20.66	23.65	28.38
2437MHz	Pass	7.62	21.93	21.88	24.92	28.38
2452MHz	Pass	7.62	20.82	20.96	23.90	28.38

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	2.57
802.11g_Nss1,(6Mbps)_2TX	-1.58
802.11be EHT20_Nss1,(MCS0)_2TX	-0.85
802.11be EHT40_Nss1,(MCS0)_2TX	-4.36

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	7.62	-0.71	-0.40	2.45	6.38
2437MHz	Pass	7.62	-0.52	-0.37	2.57	6.38
2462MHz	Pass	7.62	-0.69	-0.49	2.42	6.38
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.62	-4.45	-4.03	-1.96	6.38
2437MHz	Pass	7.62	-4.48	-3.97	-1.58	6.38
2462MHz	Pass	7.62	-3.47	-3.56	-1.82	6.38
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.62	-3.19	-3.44	-1.51	6.38
2437MHz	Pass	7.62	-3.33	-3.50	-1.11	6.38
2462MHz	Pass	7.62	-2.93	-2.68	-0.85	6.38
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.62	-7.84	-7.83	-5.50	6.38
2437MHz	Pass	7.62	-6.41	-5.86	-4.36	6.38
2452MHz	Pass	7.62	-7.79	-7.08	-4.91	6.38

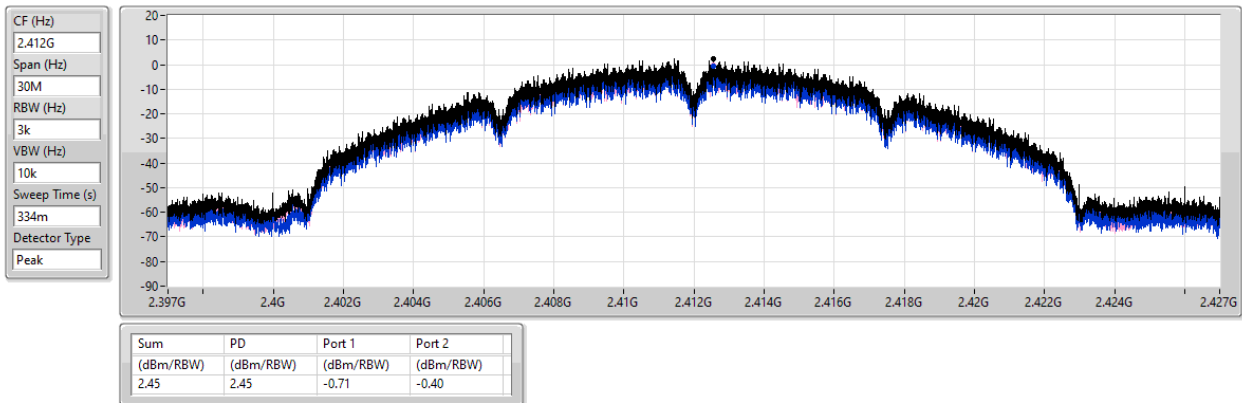
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

12/11/2024

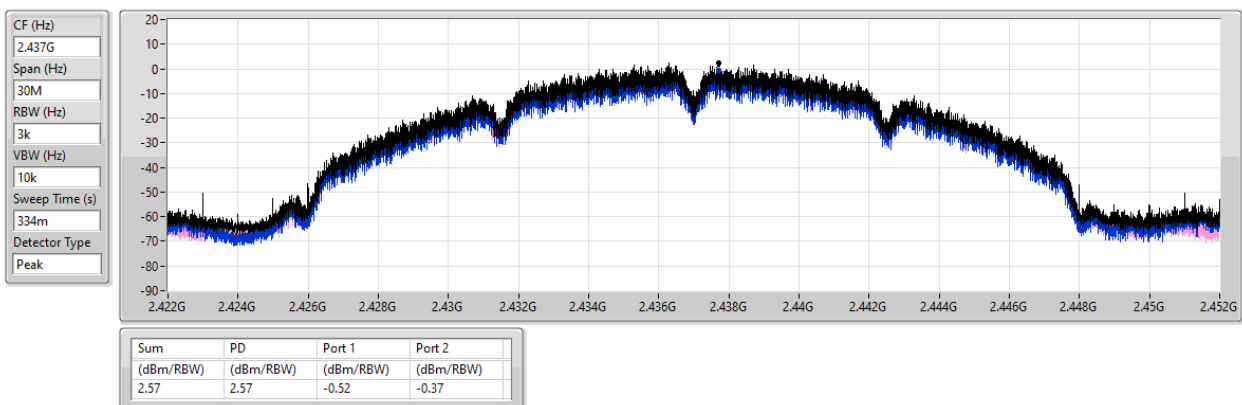


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

12/11/2024

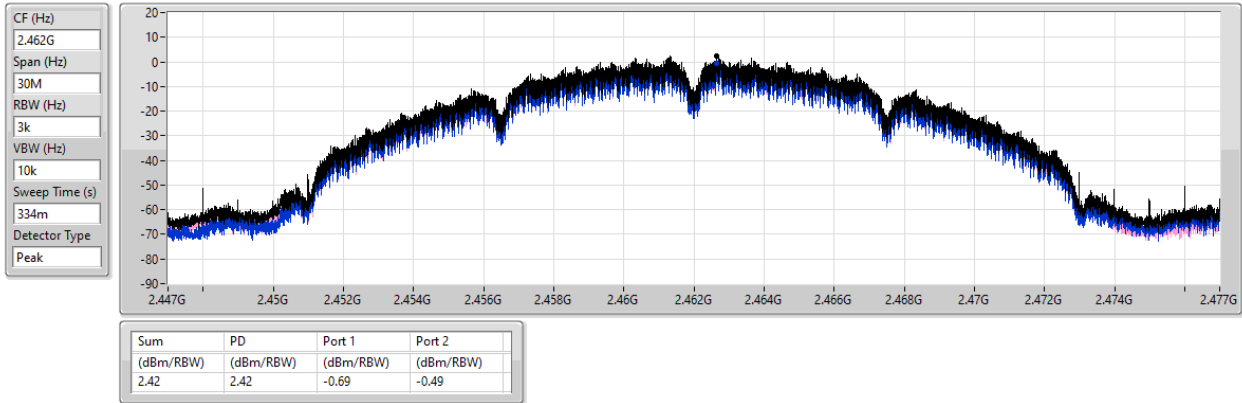


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

12/11/2024

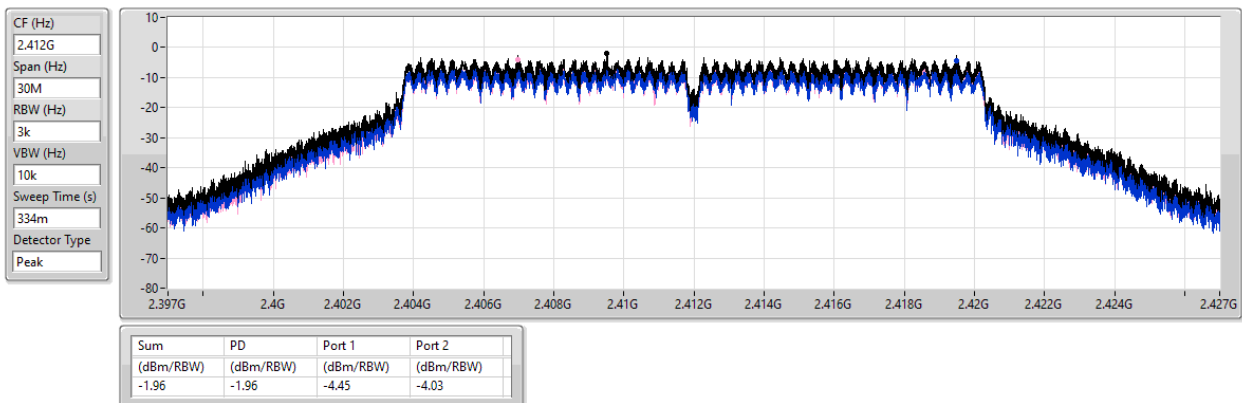


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

12/11/2024

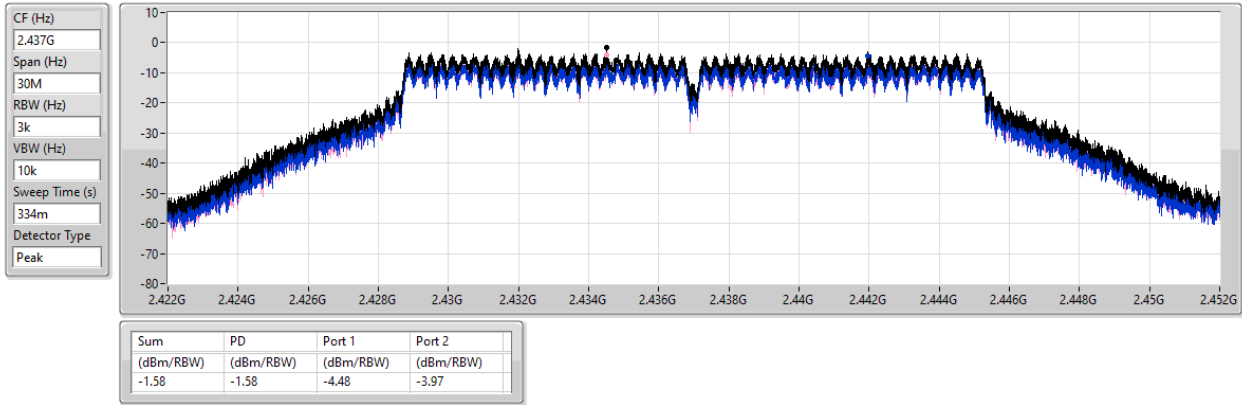


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2437MHz

12/11/2024

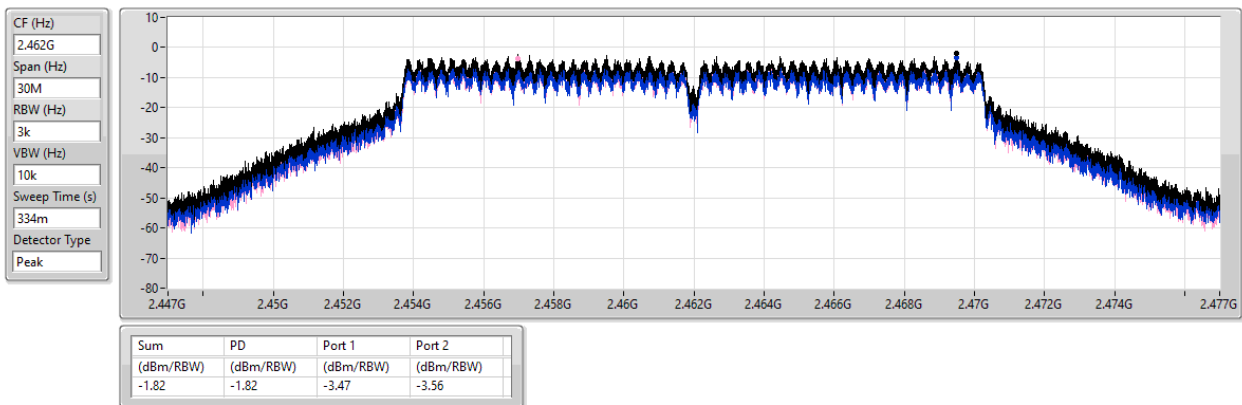


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

12/11/2024

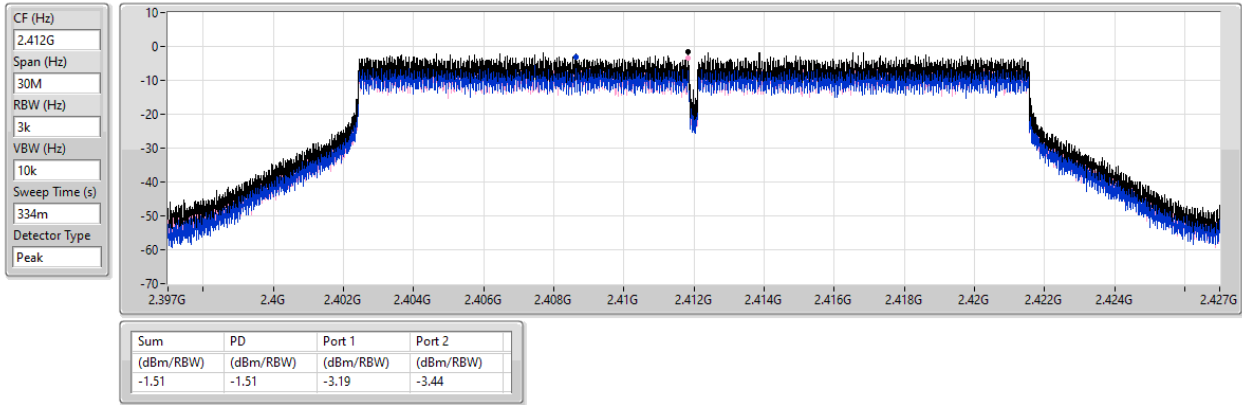


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

12/11/2024

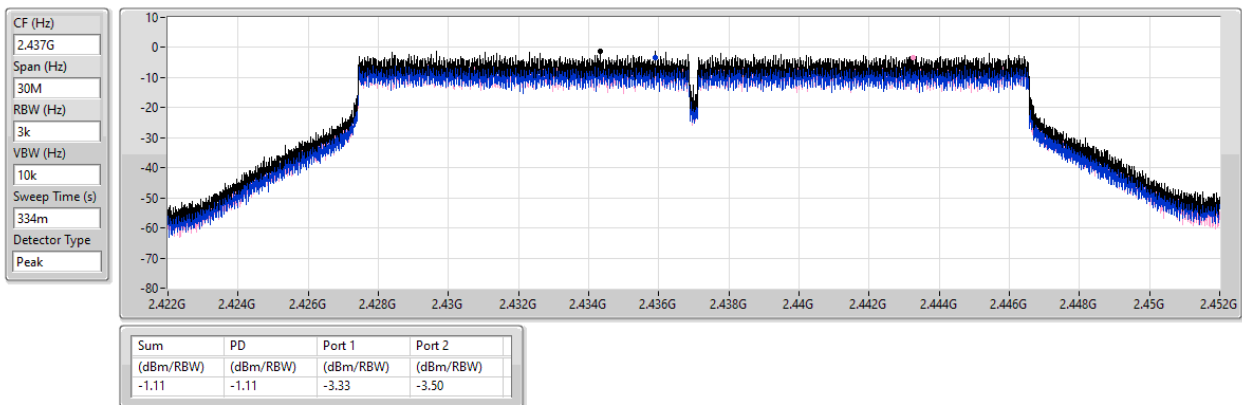


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

12/11/2024

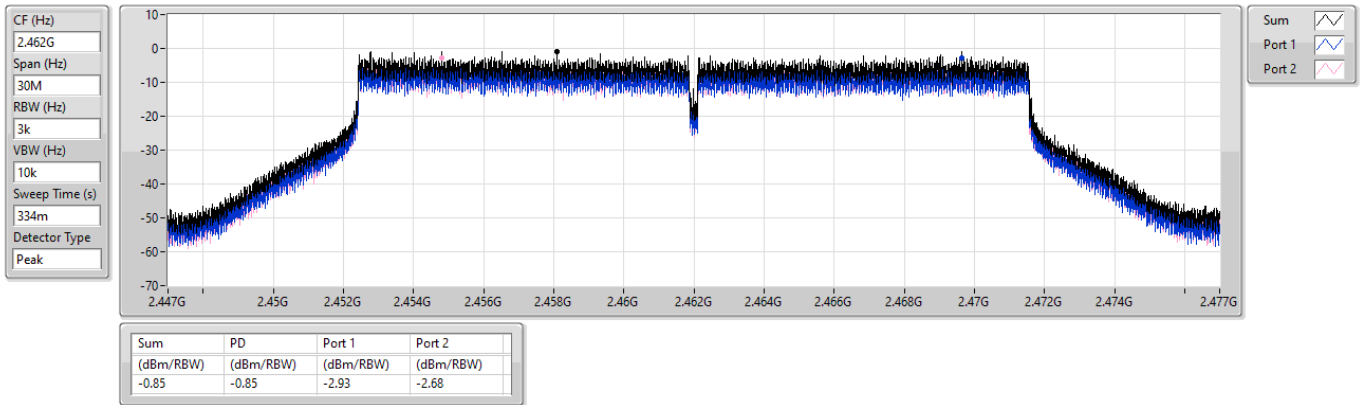


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2462MHz

12/11/2024

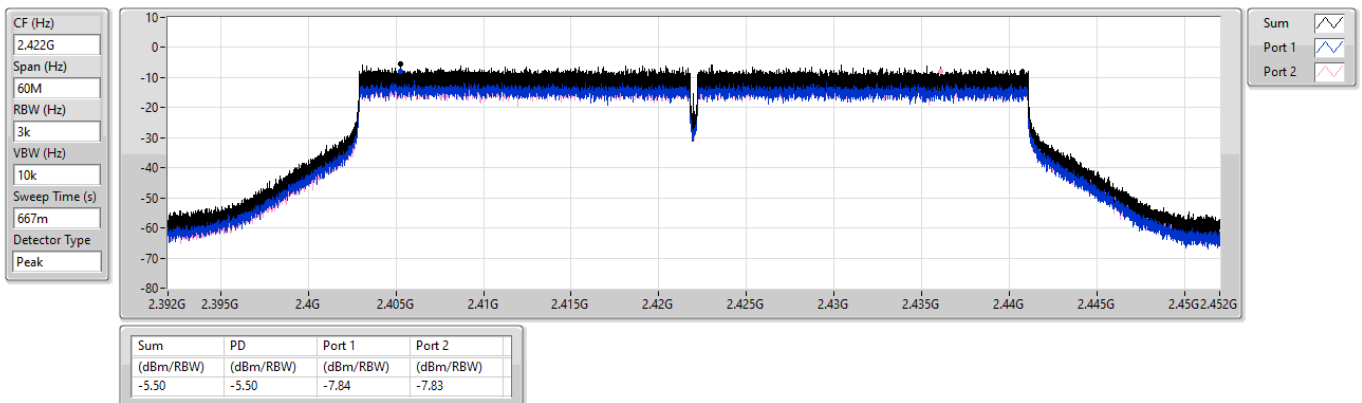


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2422MHz

12/11/2024

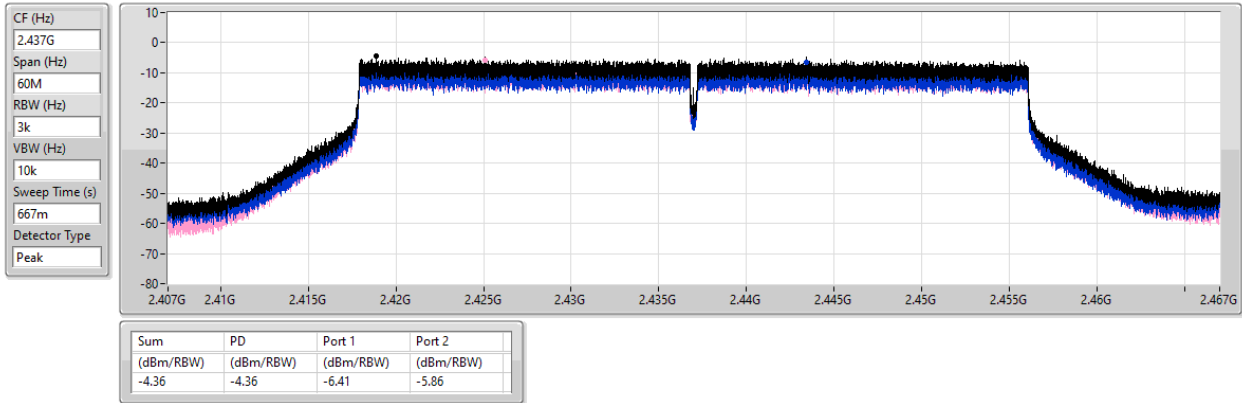


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

12/11/2024

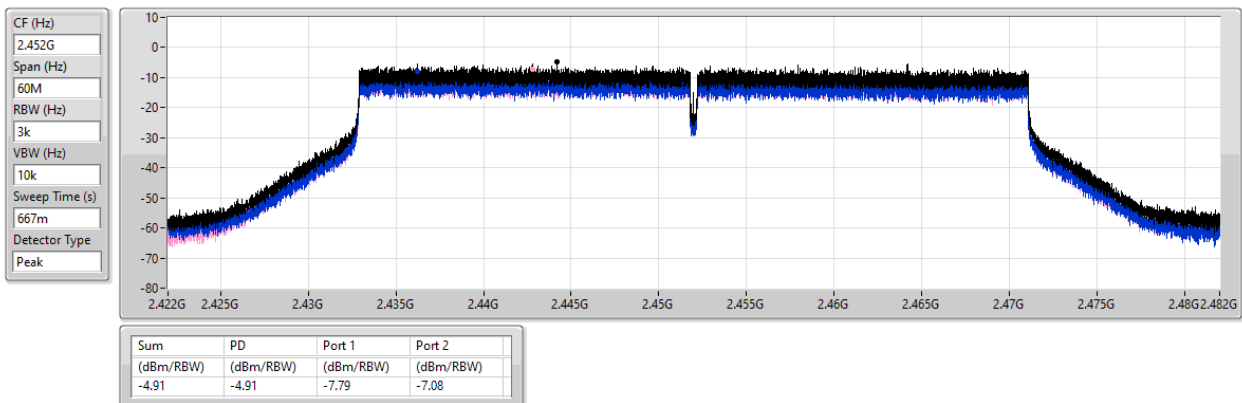


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

12/11/2024





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43641G	13.43	-16.57	1.82294G	-53.73	2.39848G	-38.22	2.4G	-38.34	2.51454G	-52.02	21.52738G	-44.87	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.46697G	11.11	-18.89	2.19457G	-53.62	2.4G	-21.72	2.4G	-20.15	2.50422G	-51.16	21.51333G	-45.73	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.46697G	11.19	-18.81	1.98254G	-53.85	2.39952G	-22.53	2.4G	-19.07	2.5095G	-51.63	21.5611G	-44.91	1
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.4344G	7.84	-22.16	2.12535G	-52.61	2.39984G	-24.34	2.4G	-23.31	2.5411G	-54.11	21.4943G	-45.35	1

Result

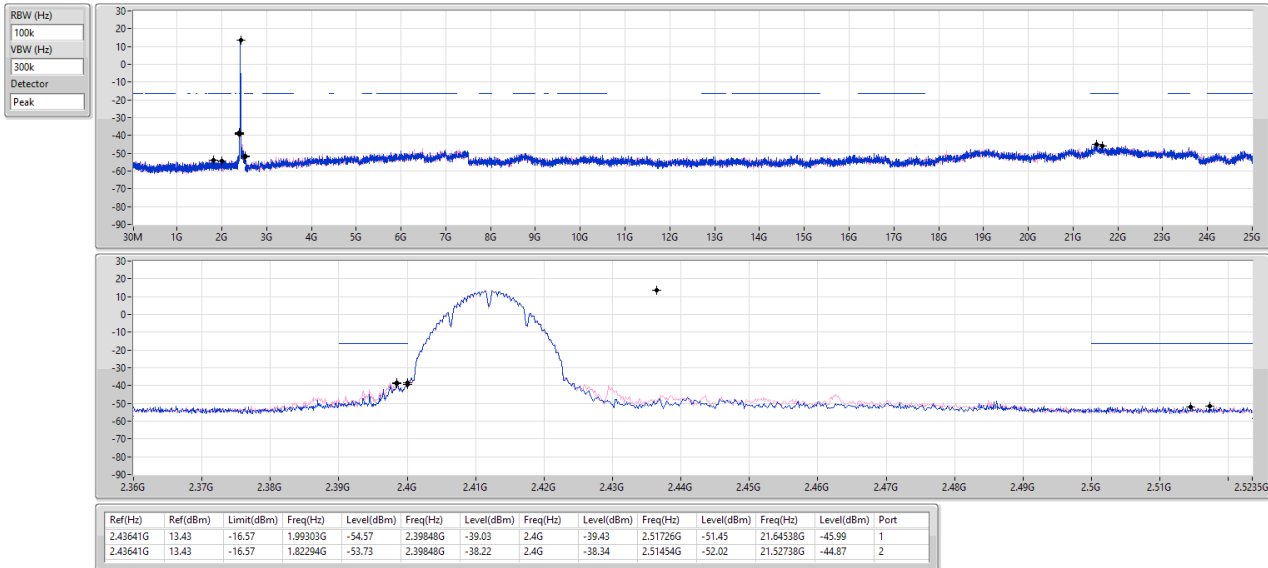
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	13.43	-16.57	1.99303G	-54.57	2.39848G	-39.03	2.4G	-39.43	2.51726G	-51.45	21.64538G	-45.99	1
2412MHz	Pass	2.43641G	13.43	-16.57	1.82294G	-53.73	2.39848G	-38.22	2.4G	-38.34	2.51454G	-52.02	21.52738G	-44.87	2
2437MHz	Pass	2.43641G	13.43	-16.57	1.73556G	-53.36	2.39544G	-46.14	2.4G	-49.24	2.51742G	-51.36	21.52738G	-45.64	1
2437MHz	Pass	2.43641G	13.43	-16.57	63.79M	-53.66	2.3988G	-45.57	2.4G	-51.01	2.5147G	-51.91	21.62853G	-45.45	2
2462MHz	Pass	2.43641G	13.43	-16.57	40.49M	-52.87	2.39016G	-47.67	2.4G	-49.45	2.5219G	-51.24	21.54143G	-45.65	1
2462MHz	Pass	2.43641G	13.43	-16.57	2.01283G	-54.42	2.39808G	-47.50	2.4G	-49.97	2.5095G	-51.75	21.9151G	-45.08	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46697G	11.11	-18.89	2.19457G	-53.62	2.4G	-21.72	2.4G	-20.15	2.50422G	-51.16	21.51333G	-45.73	1
2412MHz	Pass	2.46697G	11.11	-18.89	2.13632G	-54.43	2.39984G	-21.83	2.4G	-20.79	2.5099G	-51.80	21.42343G	-45.26	2
2437MHz	Pass	2.46697G	11.11	-18.89	1.97322G	-54.02	2.39864G	-45.62	2.4G	-49.27	2.51894G	-50.61	21.4459G	-46.03	1
2437MHz	Pass	2.46697G	11.11	-18.89	1.76702G	-53.20	2.39672G	-47.72	2.4G	-49.01	2.50798G	-52.10	21.71281G	-45.89	2
2462MHz	Pass	2.46697G	11.11	-18.89	1.93245G	-53.59	2.39664G	-48.80	2.4G	-49.97	2.50782G	-51.71	21.52176G	-45.49	1
2462MHz	Pass	2.46697G	11.11	-18.89	2.16545G	-53.65	2.3952G	-47.35	2.4G	-50.80	2.51062G	-51.19	21.53862G	-46.15	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46697G	11.19	-18.81	1.98254G	-53.85	2.39952G	-22.53	2.4G	-19.07	2.5095G	-51.63	21.5611G	-44.91	1
2412MHz	Pass	2.46697G	11.19	-18.81	1.86954G	-53.46	2.39944G	-19.67	2.4G	-21.69	2.50014G	-51.97	21.46838G	-45.55	2
2437MHz	Pass	2.46697G	11.19	-18.81	1.97089G	-54.08	2.39816G	-46.41	2.4G	-48.86	2.51206G	-52.05	21.50771G	-45.22	1
2437MHz	Pass	2.46697G	11.19	-18.81	2.1305G	-53.40	2.39952G	-47.12	2.4G	-47.26	2.50478G	-51.21	21.59481G	-45.74	2
2462MHz	Pass	2.46697G	11.19	-18.81	35.83M	-53.02	2.39864G	-47.74	2.4G	-50.68	2.50758G	-51.60	21.70157G	-44.95	1
2462MHz	Pass	2.46697G	11.19	-18.81	80.1M	-54.00	2.39928G	-48.74	2.4G	-49.90	2.5219G	-51.69	21.48805G	-45.40	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4344G	7.84	-22.16	2.12535G	-52.61	2.39984G	-24.34	2.4G	-23.31	2.5411G	-54.11	21.4943G	-45.35	1
2422MHz	Pass	2.4344G	7.84	-22.16	2.18031G	-53.17	2.39952G	-25.45	2.4G	-23.96	2.53422G	-53.84	21.83926G	-46.22	2
2437MHz	Pass	2.4344G	7.84	-22.16	1.85399G	-53.22	2.39776G	-39.70	2.4G	-40.08	2.50014G	-54.11	21.65135G	-45.58	1
2437MHz	Pass	2.4344G	7.84	-22.16	1.78185G	-54.25	2.39184G	-41.19	2.4G	-43.96	2.56334G	-54.75	21.57002G	-45.43	2
2452MHz	Pass	2.4344G	7.84	-22.16	1.82193G	-53.05	2.39984G	-45.14	2.4G	-47.03	2.5027G	-54.13	21.82804G	-45.88	1
2452MHz	Pass	2.4344G	7.84	-22.16	2.00513G	-53.57	2.39456G	-42.17	2.4G	-47.40	2.50046G	-53.67	21.61489G	-45.09	2

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

CSEndB

2412MHz

12/11/2024

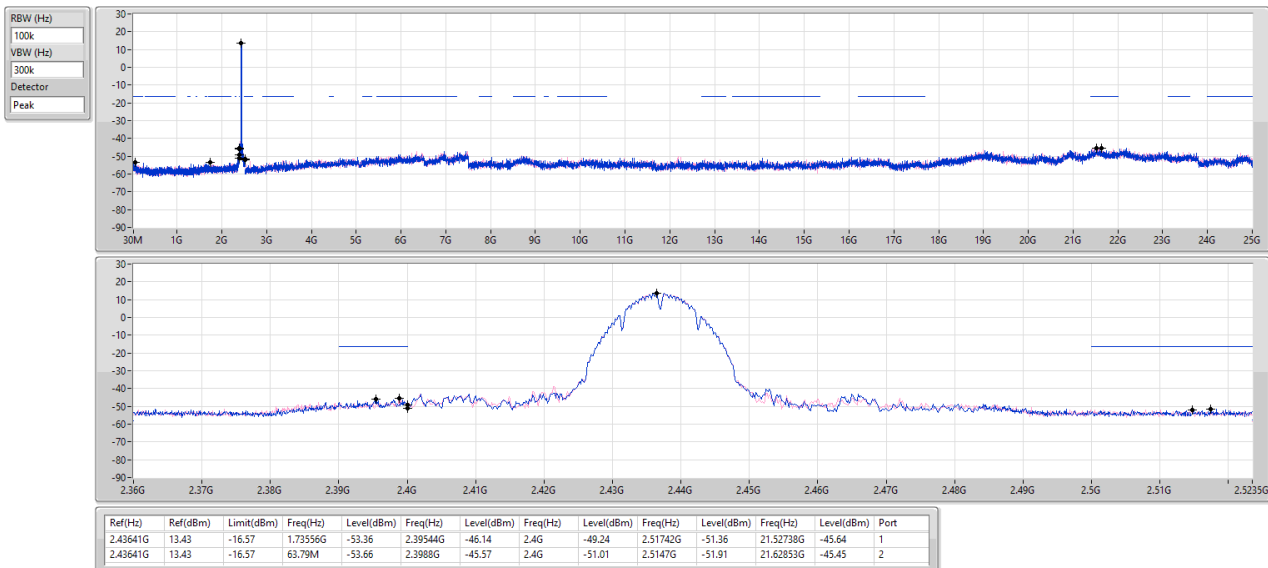


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

12/11/2024

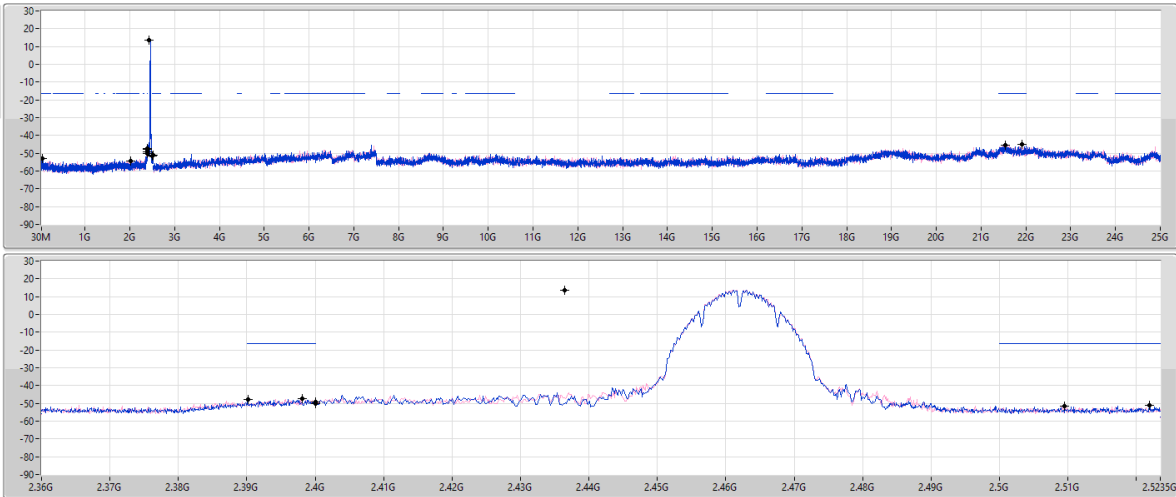


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2462MHz

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



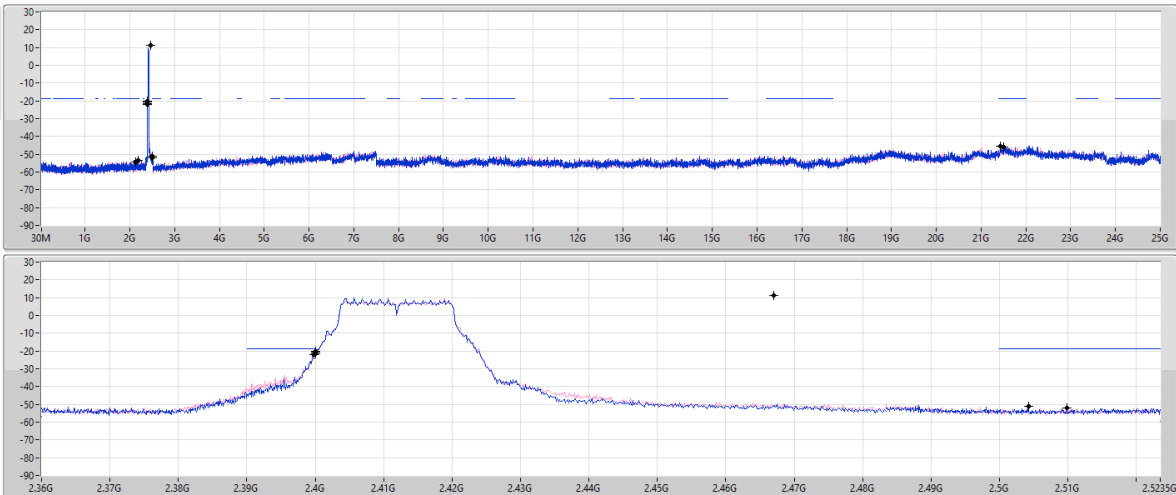
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	13.43	-16.57	40.49M	-52.87	2.39016G	-47.67	2.4G	-49.45	2.5219G	-51.24	21.54143G	-45.65	1
2.43641G	13.43	-16.57	2.01283G	-54.42	2.39808G	-47.50	2.4G	-49.97	2.5095G	-51.75	21.9151G	-45.08	2

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

CSEndB

2412MHz

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46697G	11.11	-18.89	2.19457G	-53.62	2.4G	-21.72	2.4G	-20.15	2.50422G	-51.16	21.51333G	-45.73	1
2.46697G	11.11	-18.89	2.13632G	-54.43	2.39984G	-21.83	2.4G	-20.79	2.5099G	-51.80	21.42343G	-45.26	2

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

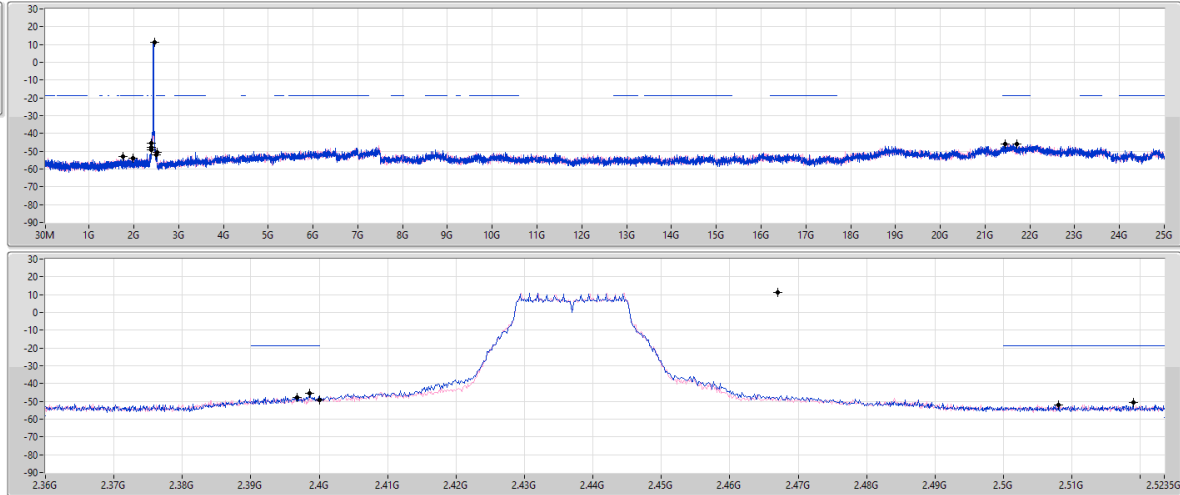
CSEndB

2437MHz

12/11/2024

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
2.46697G	11.11	-18.89	1.97322G	-54.02	2.39864G	-45.62	2.4G	-49.27	2.51894G	-50.61	21.4439G	-46.03	1
2.46697G	11.11	-18.89	1.76702G	-53.20	2.39672G	-47.72	2.4G	-49.01	2.50798G	-52.10	21.71281G	-45.89	2

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

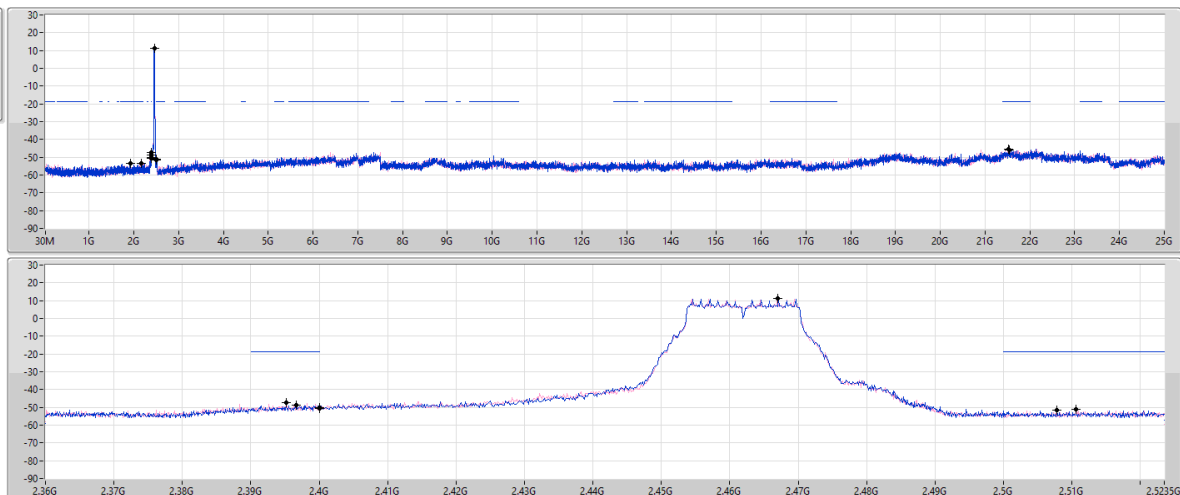
CSEndB

2462MHz

12/11/2024

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

Port 1
Port 2



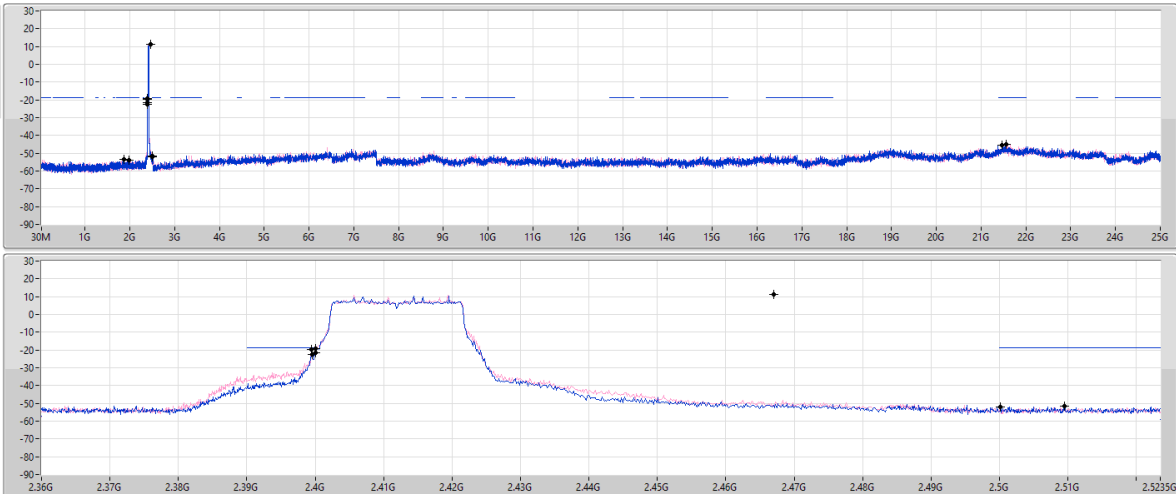
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46697G	11.11	-18.89	1.93245G	-53.59	2.39664G	-48.80	2.4G	-49.97	2.50782G	-51.71	21.52176G	-45.49	1
2.46697G	11.11	-18.89	2.16545G	-53.65	2.3952G	-47.35	2.4G	-50.80	2.51062G	-51.19	21.53862G	-46.15	2

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

CSEndB

2412MHz

12/11/2024

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

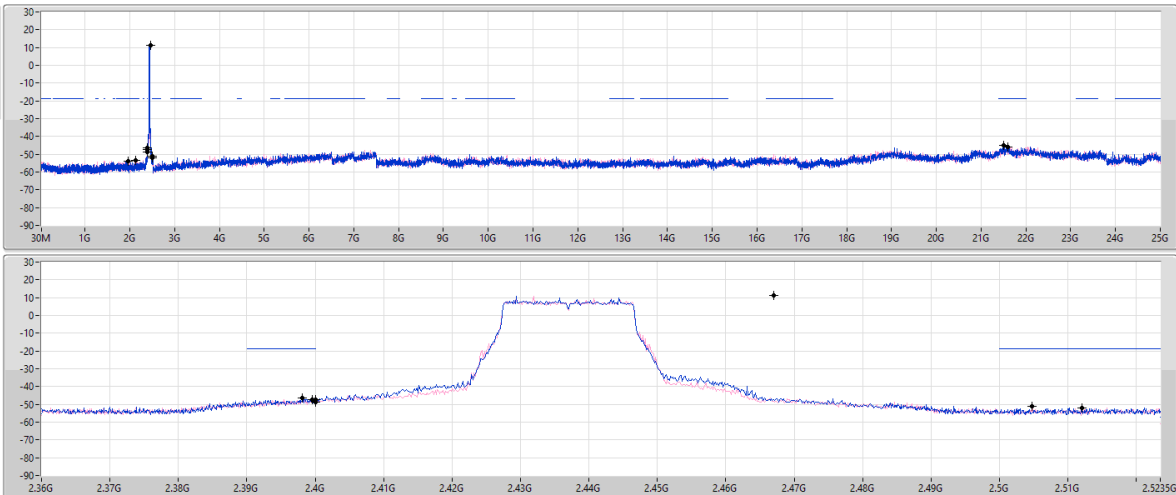
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46697G	11.19	-18.81	1.98254G	-53.85	2.39952G	-22.53	2.4G	-19.07	2.5095G	-51.63	21.5611G	-44.91	1
2.46697G	11.19	-18.81	1.86954G	-53.46	2.39944G	-19.67	2.4G	-21.69	2.50014G	-51.97	21.46838G	-45.55	2

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

CSEndB

2437MHz

12/11/2024

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

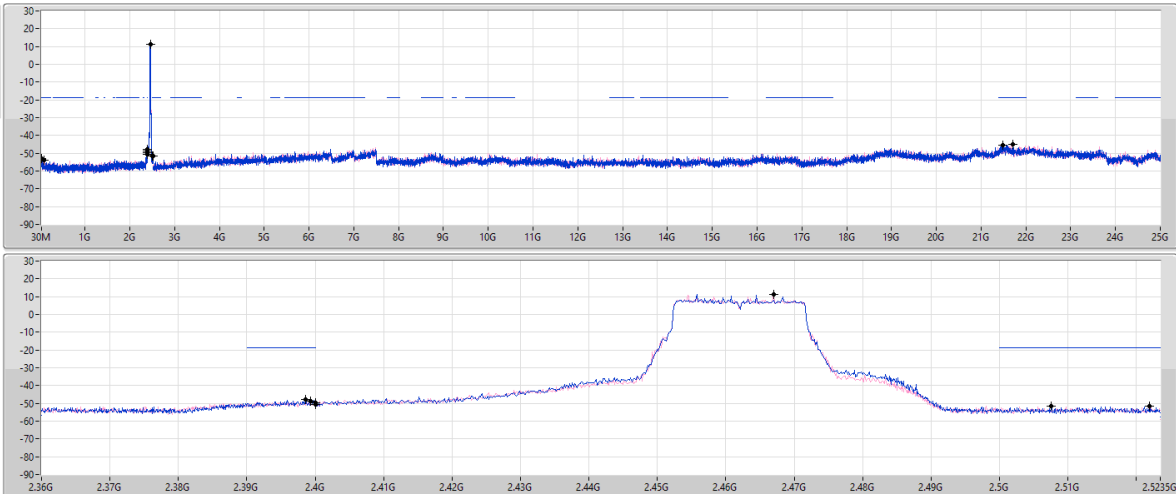
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46697G	11.19	-18.81	1.97089G	-54.08	2.39616G	-46.41	2.4G	-48.86	2.51206G	-52.05	21.50771G	-45.22	1
2.46697G	11.19	-18.81	2.1305G	-53.40	2.39952G	-47.12	2.4G	-47.26	2.50478G	-51.21	21.59481G	-45.74	2

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

CSEndB

2462MHz

12/11/2024

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

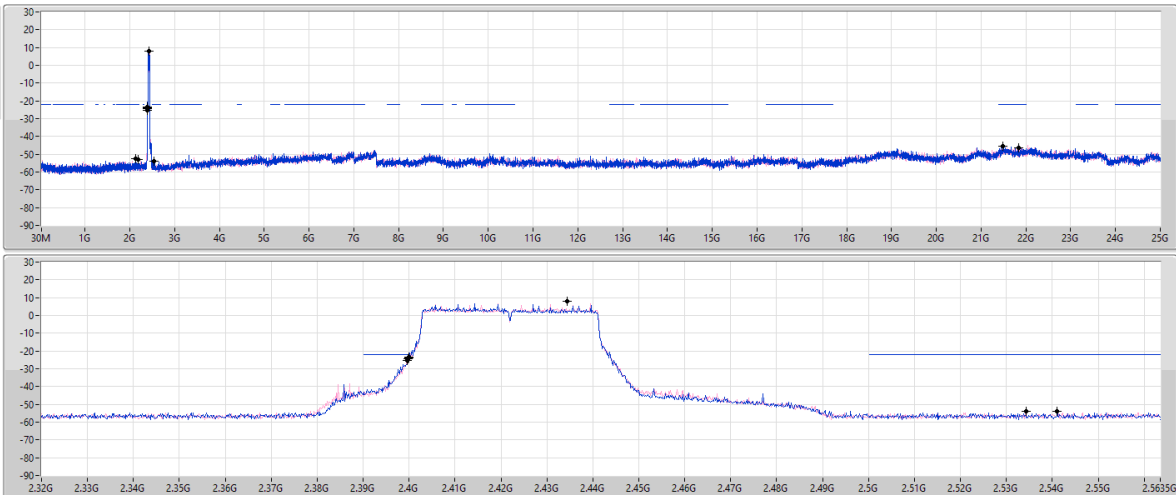
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46697G	11.19	-18.81	35.83M	-53.02	2.39864G	-47.74	2.4G	-50.68	2.50758G	-51.60	21.70157G	-44.95	1
2.46697G	11.19	-18.81	80.1M	-54.00	2.39928G	-48.74	2.4G	-49.90	2.5219G	-51.69	21.48805G	-45.40	2

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

CSEndB

2422MHz

12/11/2024

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

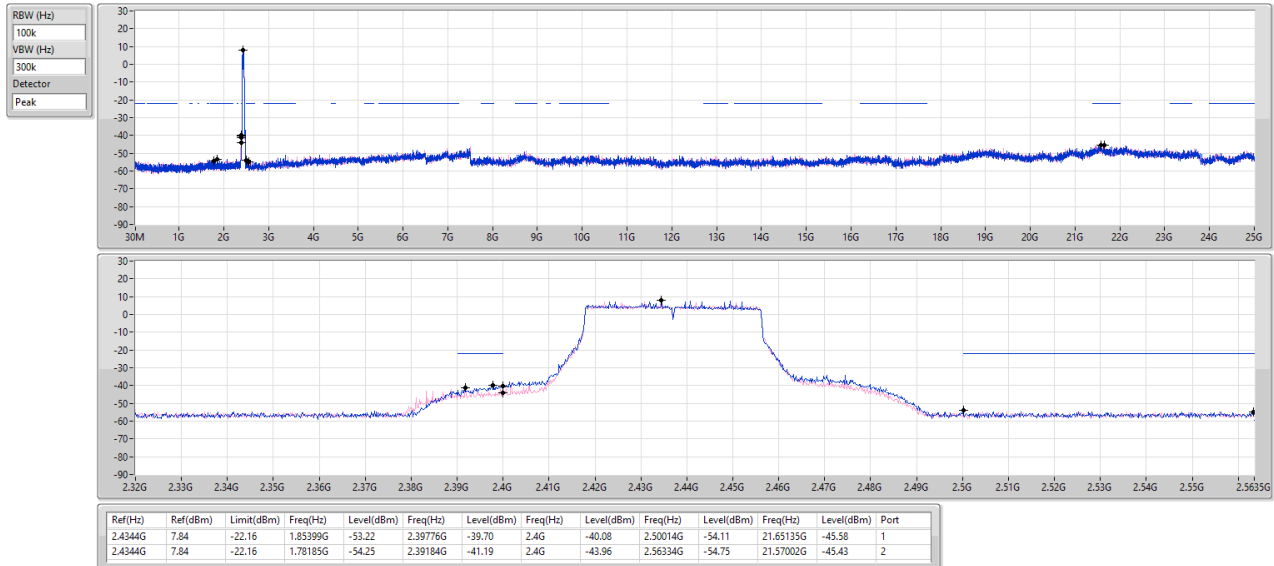
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4344G	7.84	-22.16	2.12535G	-52.61	2.39984G	-24.34	2.4G	-23.31	2.5411G	-54.11	21.4943G	-45.35	1
2.4344G	7.84	-22.16	2.18031G	-53.17	2.39952G	-25.45	2.4G	-23.96	2.53422G	-53.84	21.83926G	-46.22	2

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

CSEndB

2437MHz

12/11/2024

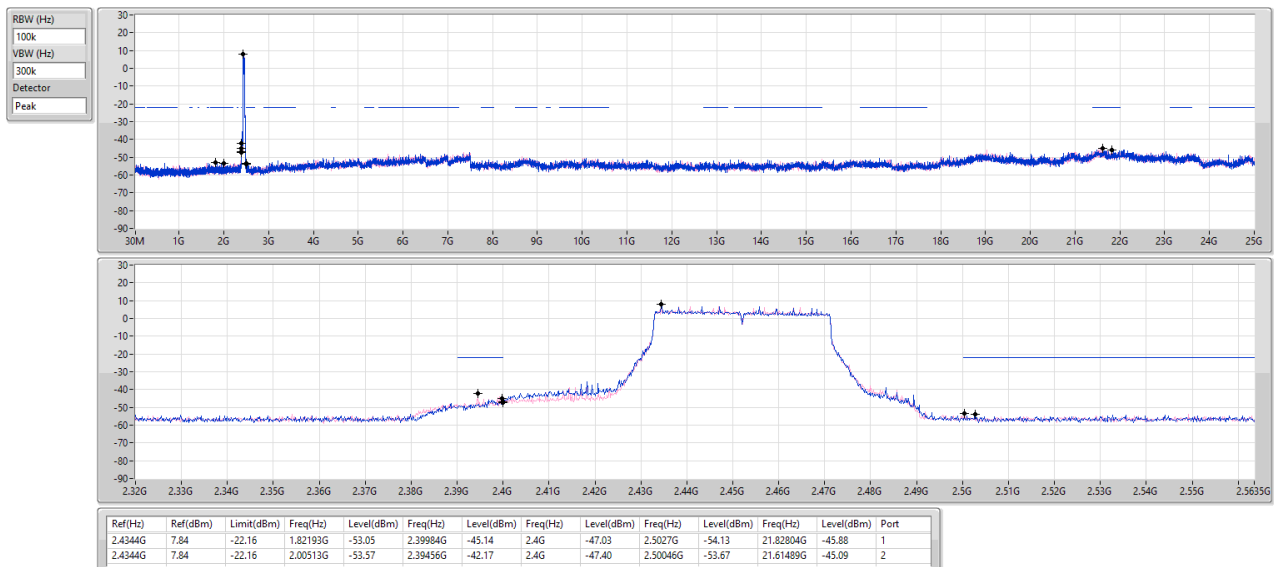


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

12/11/2024

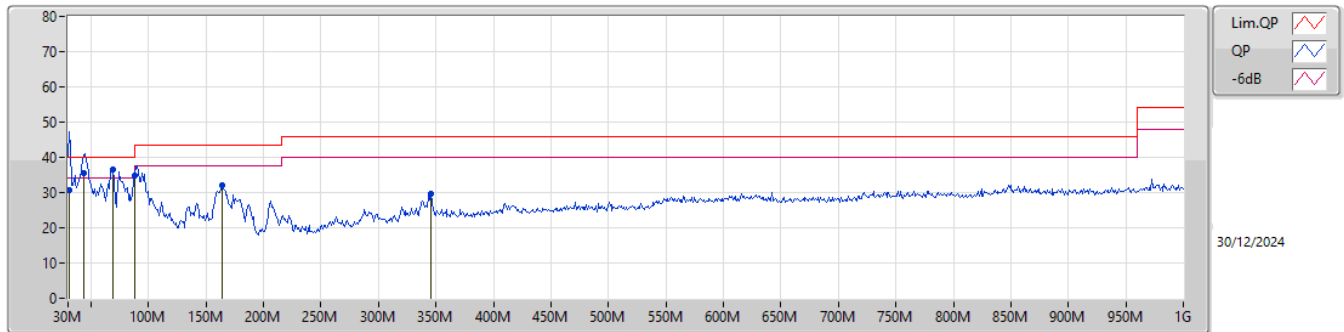




Summary

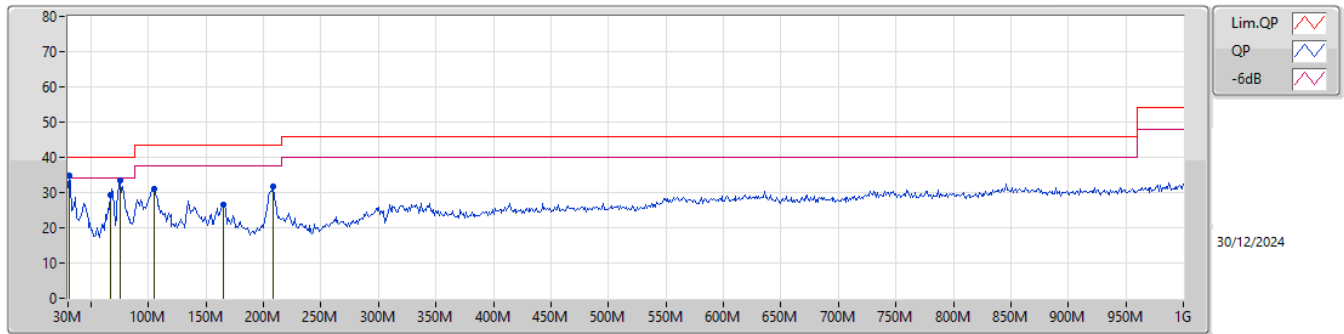
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	PK	68.8M	36.70	40.00	-3.30	Vertical

Mode 2



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	30.97M	30.68	40.00	-9.32	-8.06	3	Vertical	152	1.00	-	38.74	23.70	0.55	32.31		
QP	43.58M	35.53	40.00	-4.47	-14.62	3	Vertical	181	1.25	-	50.15	16.98	0.65	32.25		
PK	68.8M	36.70	40.00	-3.30	-19.43	3	Vertical	211	2.00	"Worst"	56.13	12.18	0.85	32.46		
PK	88M	35.00	43.50	-8.50	-16.97	3	Vertical	222	1.50	-	51.97	14.35	0.97	32.29		
PK	163.86M	32.11	43.50	-11.39	-15.21	3	Vertical	129	1.00	-	47.32	15.75	1.27	32.23		
PK	345.25M	29.78	46.00	-16.22	-9.93	3	Vertical	179	1.00	-	39.71	20.02	1.84	31.79		

Mode 2



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	30.97M	34.69	40.00	-5.31	-8.06	3	Horizontal	33	1.25	"Worst"	42.75	23.70	0.55	32.31		
PK	66.86M	29.47	40.00	-10.53	-19.57	3	Horizontal	212	2.00	-	49.04	12.08	0.80	32.45		
PK	75.59M	33.34	40.00	-6.66	-19.06	3	Horizontal	114	2.00	-	52.40	12.54	0.88	32.48		
PK	104.69M	31.08	43.50	-12.42	-14.08	3	Horizontal	89	3.00	-	45.16	17.02	1.02	32.12		
PK	164.83M	26.45	43.50	-17.05	-15.21	3	Horizontal	251	1.50	-	41.66	15.73	1.28	32.22		
PK	208.48M	31.65	43.50	-11.85	-15.58	3	Horizontal	139	1.50	-	47.23	15.16	1.42	32.16		

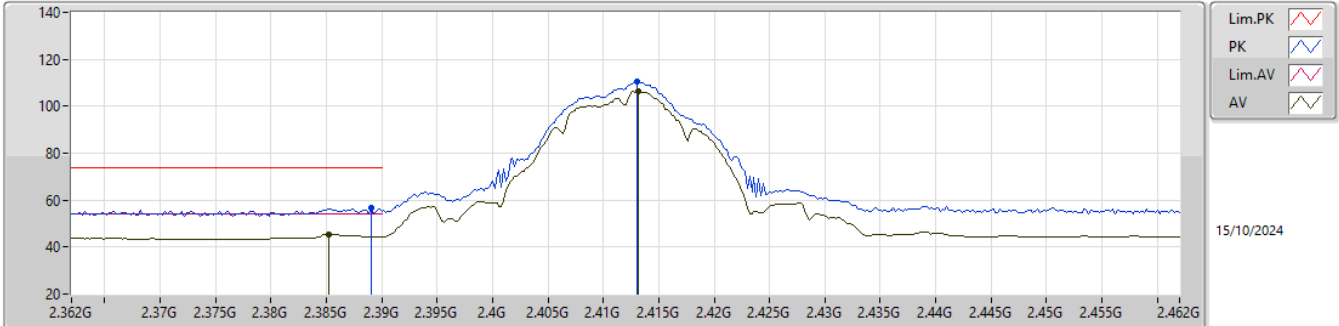


Summary

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_Nss1,(MCS0)_2TX	Pass	AV	2.4835G	53.88	54.00	-0.12	3	Horizontal	240	2.68	-

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

2412MHz_TX

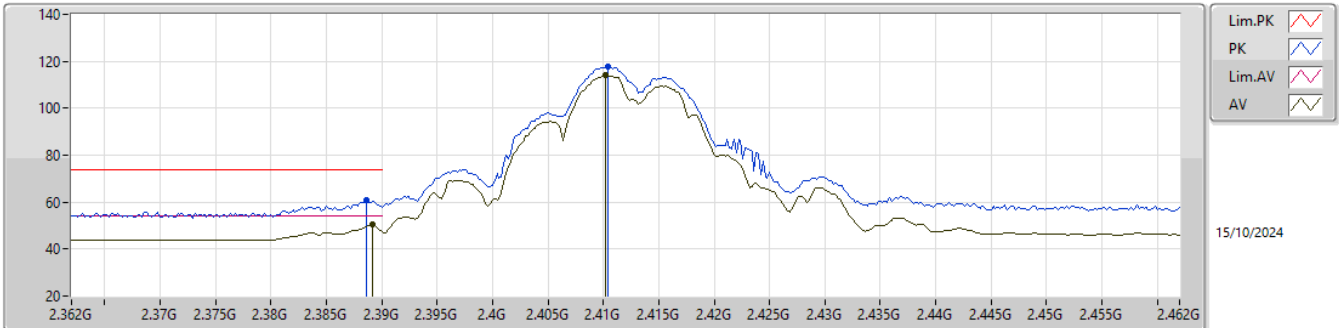


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.389G	56.91	74.00	-17.09	25.80	3	Vertical	237	2.39	-	27.39	3.72	-			
AV	2.3852G	45.54	54.00	-8.46	14.47	3	Vertical	237	2.39	-	27.35	3.72	-			
PK	2.413G	110.55	Inf	-Inf	79.32	3	Vertical	237	2.39	-	27.50	3.73	-			
AV	2.4132G	106.25	Inf	-Inf	75.02	3	Vertical	237	2.39	-	27.50	3.73	-			

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

2412MHz_TX

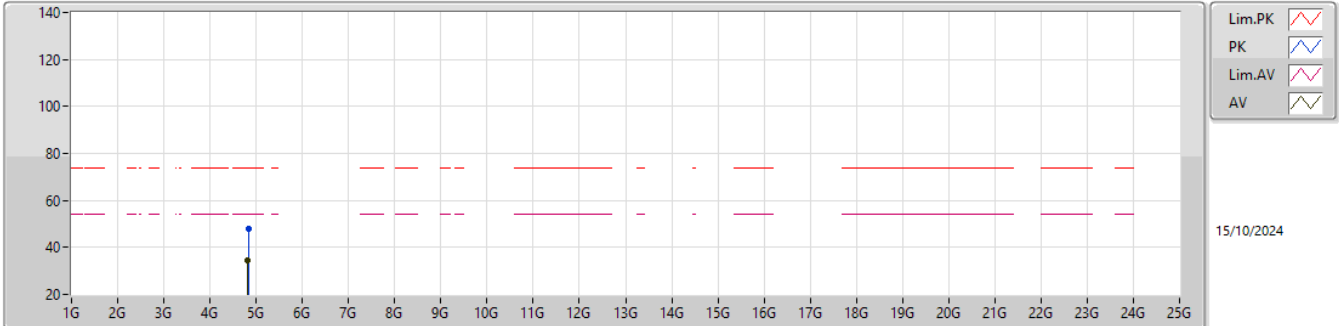


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3886G	60.79	74.00	-13.21	29.68	3	Horizontal	253	3.00	-	27.39	3.72	-				
AV	2.3892G	50.28	54.00	-3.72	19.17	3	Horizontal	253	3.00	-	27.39	3.72	-				
PK	2.4104G	117.70	Inf	-Inf	86.47	3	Horizontal	253	3.00	-	27.50	3.73	-				
AV	2.4102G	114.05	Inf	-Inf	82.82	3	Horizontal	253	3.00	-	27.50	3.73	-				

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

2412MHz_TX

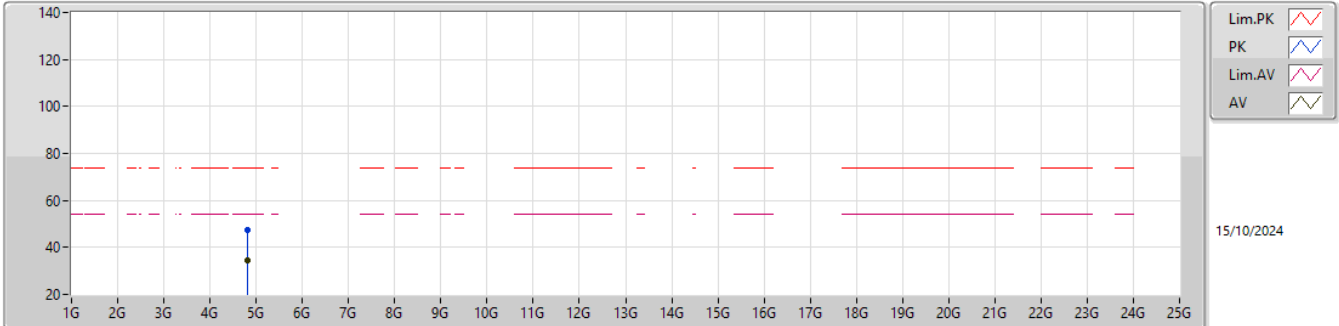


EUT_X_2TX
Setting 22
03-V-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82676G	47.74	74.00	-26.26	42.62	3	Vertical	225	1.80	-	33.25	7.20	35.33			
AV	4.80912G	34.46	54.00	-19.54	29.36	3	Vertical	225	1.80	-	33.22	7.21	35.33			

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

2412MHz_TX

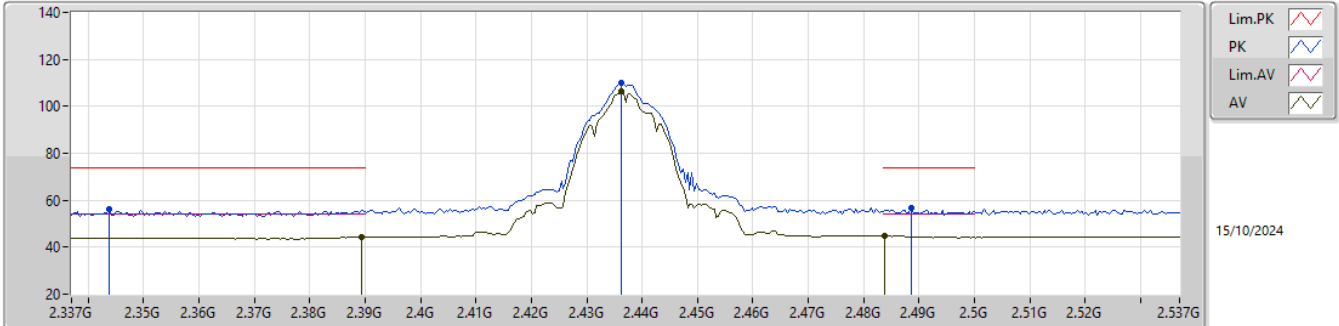


EUT_X_2TX
Setting 22
03-V-R-7

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.8102G	47.23	74.00	-26.77	42.13	3	Horizontal	312	1.80	-	33.22	7.21	35.33			
AV	4.818G	34.42	54.00	-19.58	29.31	3	Horizontal	312	1.80	-	33.24	7.20	35.33			

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

2437MHz_TX

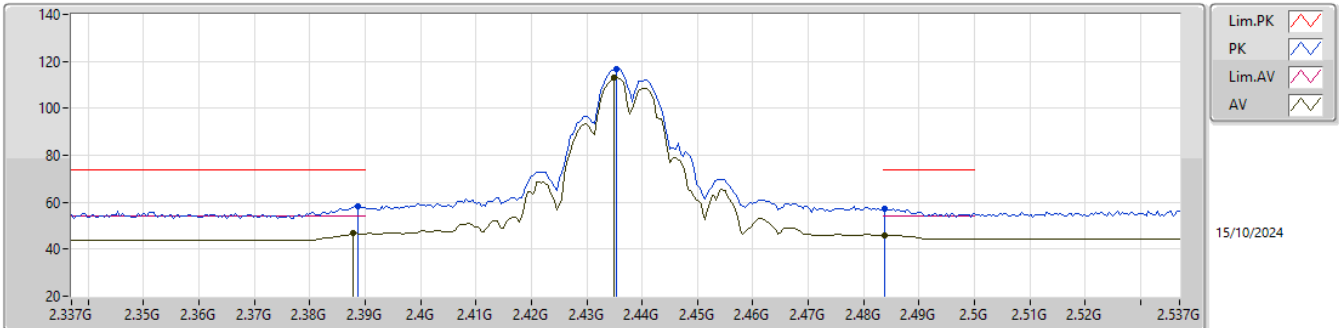


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3438G	55.95	74.00	-18.05	25.00	3	Vertical	229	2.20	-	27.24	3.71	-			
AV	2.3894G	44.26	54.00	-9.74	13.15	3	Vertical	229	2.20	-	27.39	3.72	-			
PK	2.4362G	109.99	Inf	-Inf	78.57	3	Vertical	229	2.20	-	27.66	3.76	-			
AV	2.4362G	106.21	Inf	-Inf	74.79	3	Vertical	229	2.20	-	27.66	3.76	-			
PK	2.4886G	56.71	74.00	-17.29	24.99	3	Vertical	229	2.20	-	27.90	3.82	-			
AV	2.4838G	44.70	54.00	-9.30	12.99	3	Vertical	229	2.20	-	27.90	3.81	-			

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

2437MHz_TX

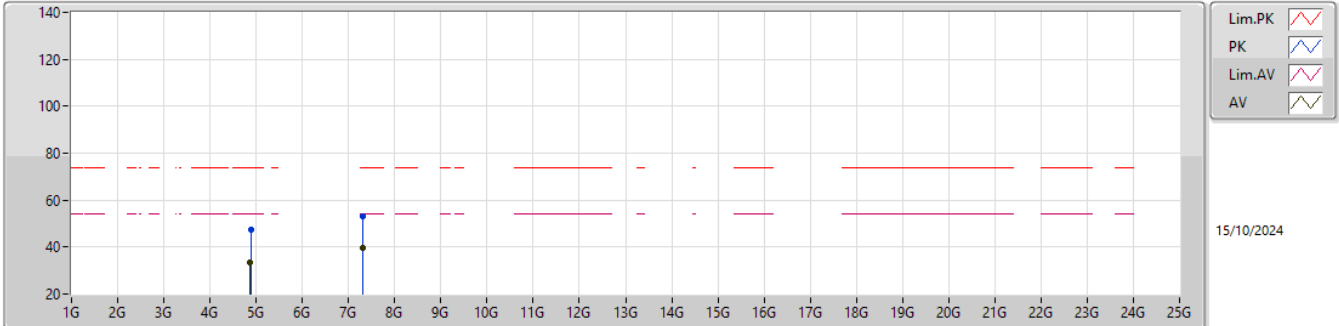


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3886G	58.29	74.00	-15.71	27.18	3	Horizontal	240	2.77	-	27.39	3.72	-			
AV	2.3878G	46.72	54.00	-7.28	15.62	3	Horizontal	240	2.77	-	27.38	3.72	-			
PK	2.4354G	116.77	Inf	-Inf	85.36	3	Horizontal	240	2.77	-	27.65	3.76	-			
AV	2.435G	113.22	Inf	-Inf	81.81	3	Horizontal	240	2.77	-	27.65	3.76	-			
PK	2.4838G	57.42	74.00	-16.58	25.71	3	Horizontal	240	2.77	-	27.90	3.81	-			
AV	2.4838G	45.85	54.00	-8.15	14.14	3	Horizontal	240	2.77	-	27.90	3.81	-			

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

2437MHz_TX

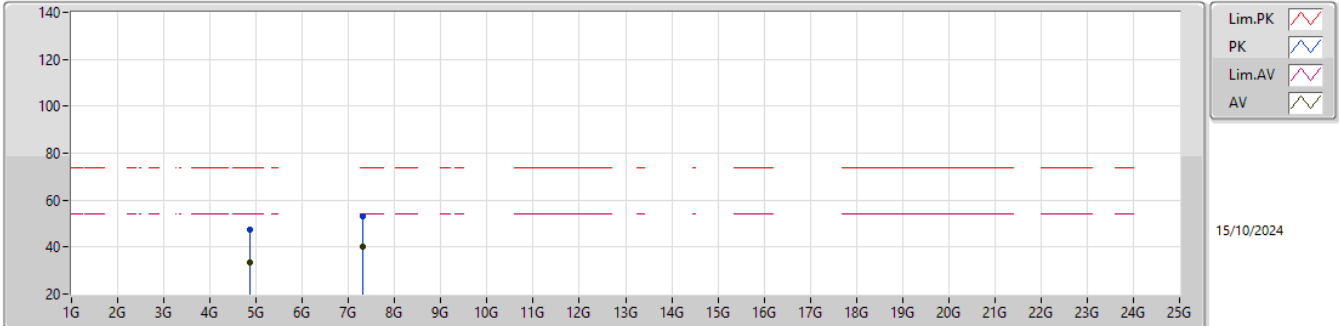


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87936G	47.58	74.00	-26.42	40.93	3	Vertical	21	2.64	-	32.72	6.51	32.58			
AV	4.86628G	33.30	54.00	-20.70	26.71	3	Vertical	21	2.64	-	32.67	6.49	32.57			
PK	7.30456G	53.30	74.00	-20.70	40.99	3	Vertical	194	1.80	-	36.97	7.97	32.63			
AV	7.30112G	39.40	54.00	-14.60	27.08	3	Vertical	194	1.80	-	36.99	7.97	32.64			

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

2437MHz_TX

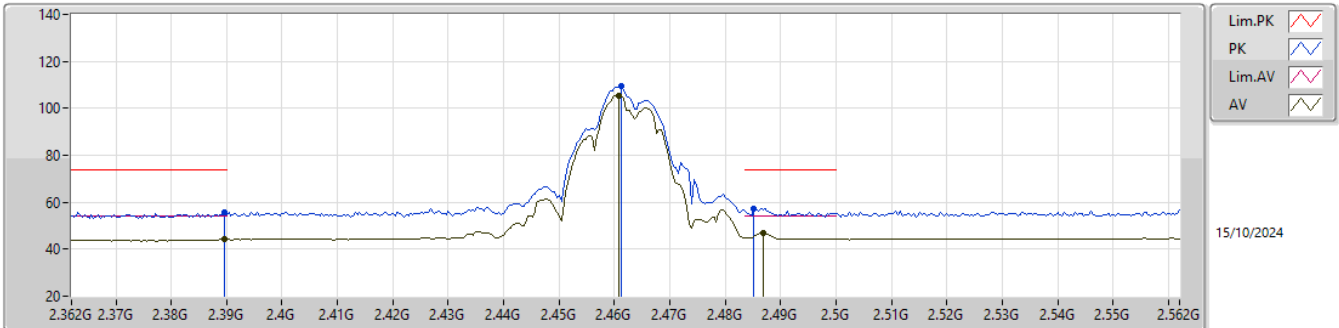


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8764G	47.42	74.00	-26.58	40.79	3	Horizontal	249	1.63	-	32.71	6.50	32.58			
AV	4.87392G	33.43	54.00	-20.57	26.80	3	Horizontal	249	1.63	-	32.70	6.50	32.57			
PK	7.3198G	53.16	74.00	-20.84	40.93	3	Horizontal	14	1.80	-	36.88	7.98	32.63			
AV	7.30112G	40.30	54.00	-13.70	27.98	3	Horizontal	14	1.80	-	36.99	7.97	32.64			

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

2462MHz_TX

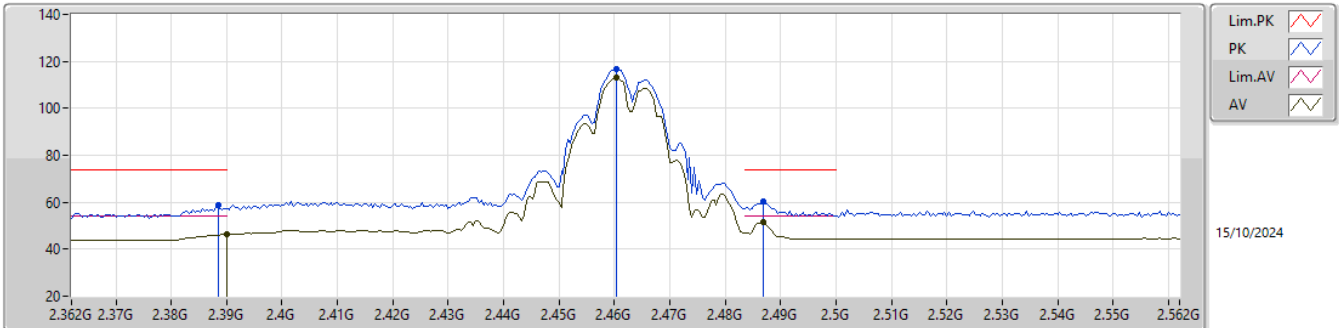


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3896G	55.76	74.00	-18.24	24.64	3	Vertical	204	1.89	-	27.40	3.72	-			
AV	2.3896G	44.12	54.00	-9.88	13.00	3	Vertical	204	1.89	-	27.40	3.72	-			
PK	2.4612G	109.28	Inf	-Inf	77.88	3	Vertical	204	1.89	-	27.61	3.79	-			
AV	2.4608G	105.45	Inf	-Inf	74.05	3	Vertical	204	1.89	-	27.61	3.79	-			
PK	2.4852G	57.30	74.00	-16.70	25.59	3	Vertical	204	1.89	-	27.90	3.81	-			
AV	2.4868G	46.77	54.00	-7.23	15.05	3	Vertical	204	1.89	-	27.90	3.82	-			

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

2462MHz_TX

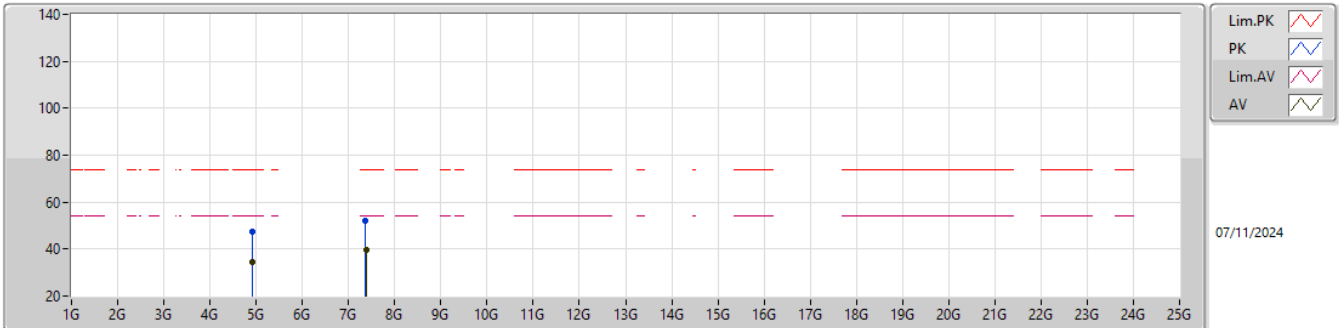


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3884G	58.69	74.00	-15.31	27.59	3	Horizontal	246	3.00	-	27.38	3.72	-			
AV	2.39G	46.27	54.00	-7.73	15.15	3	Horizontal	246	3.00	-	27.40	3.72	-			
PK	2.4604G	116.66	Inf	-Inf	85.27	3	Horizontal	246	3.00	-	27.60	3.79	-			
AV	2.4604G	113.14	Inf	-Inf	81.75	3	Horizontal	246	3.00	-	27.60	3.79	-			
PK	2.4868G	60.09	74.00	-13.91	28.37	3	Horizontal	246	3.00	-	27.90	3.82	-			
AV	2.4868G	51.43	54.00	-2.57	19.71	3	Horizontal	246	3.00	-	27.90	3.82	-			

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

2462MHz_TX

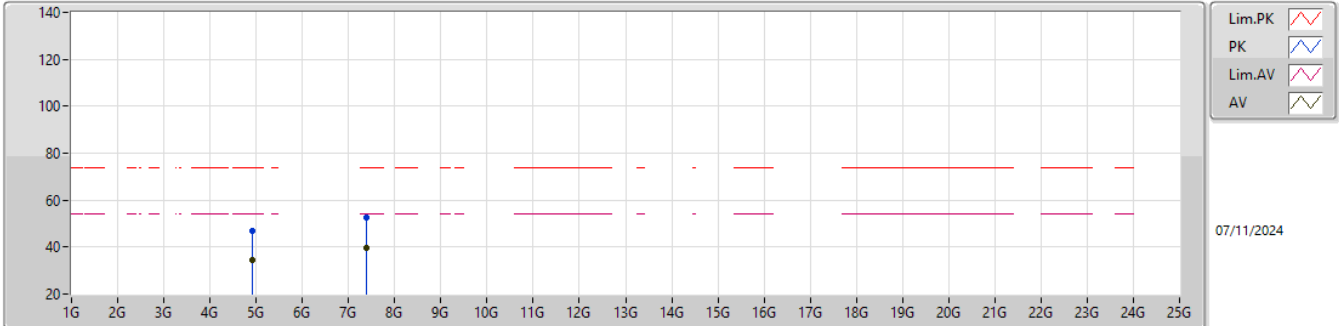


EUT_X_2TX
Setting 22
03-V-V-1

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	4.9102G	47.58	74.00	-26.42	42.30	3	Vertical	323	1.29	-	33.44	7.17	35.33			
AV	4.91032G	34.59	54.00	-19.41	29.31	3	Vertical	323	1.29	-	33.44	7.17	35.33			
PK	7.37238G	52.31	74.00	-21.69	41.92	3	Vertical	12	1.07	-	36.90	8.65	35.16			
AV	7.39638G	39.64	54.00	-14.36	29.23	3	Vertical	12	1.07	-	36.90	8.67	35.16			

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

2462MHz_TX

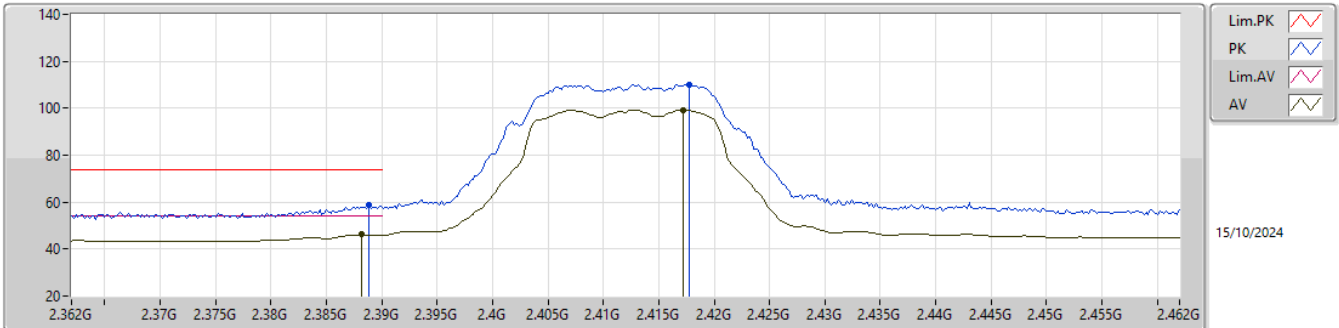


EUT_X_2TX
Setting 22
03-V-V-1

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	4.9228G	47.00	74.00	-27.00	41.67	3	Horizontal	198	2.27	-	33.49	7.17	35.33			
AV	4.9093G	34.63	54.00	-19.37	29.35	3	Horizontal	198	2.27	-	33.44	7.17	35.33			
PK	7.37532G	52.62	74.00	-21.38	42.23	3	Horizontal	186	1.80	-	36.90	8.65	35.16			
AV	7.39674G	39.63	54.00	-14.37	29.22	3	Horizontal	186	1.80	-	36.90	8.67	35.16			

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

2412MHz_TX

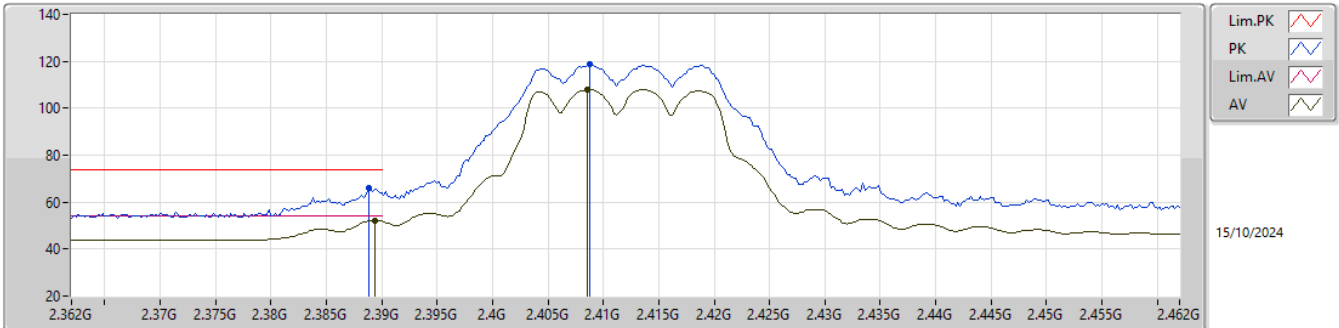


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3888G	58.63	74.00	-15.37	27.52	3	Vertical	222	1.99	-	27.39	3.72	-			
AV	2.3882G	46.13	54.00	-7.87	15.03	3	Vertical	222	1.99	-	27.38	3.72	-			
PK	2.4178G	110.22	Inf	-Inf	78.98	3	Vertical	222	1.99	-	27.50	3.74	-			
AV	2.4172G	99.36	Inf	-Inf	68.12	3	Vertical	222	1.99	-	27.50	3.74	-			

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

2412MHz_TX

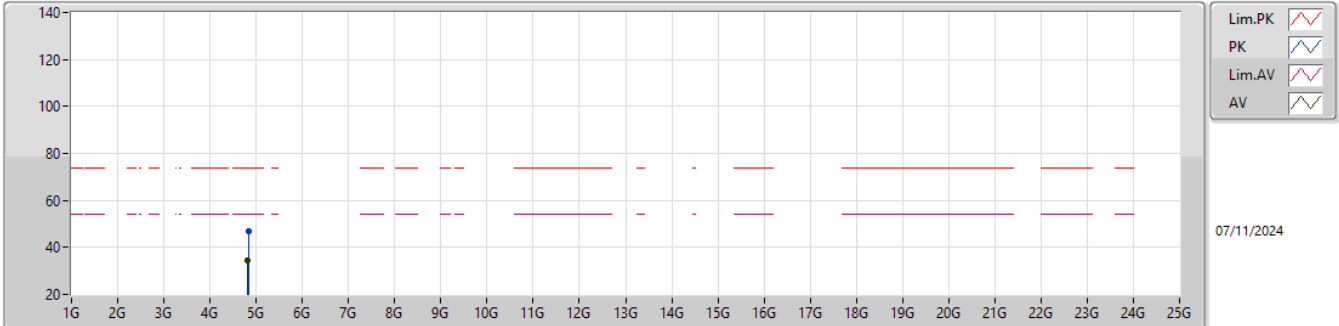


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3888G	65.97	74.00	-8.03	34.86	3	Horizontal	253	3.00	-	27.39	3.72	-			
AV	2.3894G	52.23	54.00	-1.77	21.12	3	Horizontal	253	3.00	-	27.39	3.72	-			
PK	2.4088G	118.84	Inf	-Inf	87.61	3	Horizontal	253	3.00	-	27.50	3.73	-			
AV	2.4086G	107.91	Inf	-Inf	76.68	3	Horizontal	253	3.00	-	27.50	3.73	-			

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

2412MHz_TX

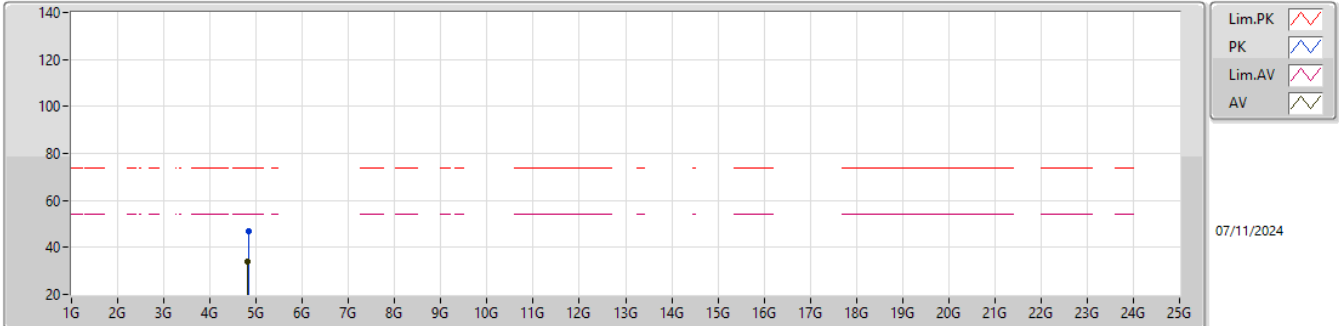


EUT_X_2TX
Setting 22
03-V-V-1

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	4.82712G	47.05	74.00	-26.95	41.93	3	Vertical	334	2.22	-	33.25	7.20	35.33			
AV	4.80972G	34.30	54.00	-19.70	29.20	3	Vertical	334	2.22	-	33.22	7.21	35.33			

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

2412MHz_TX

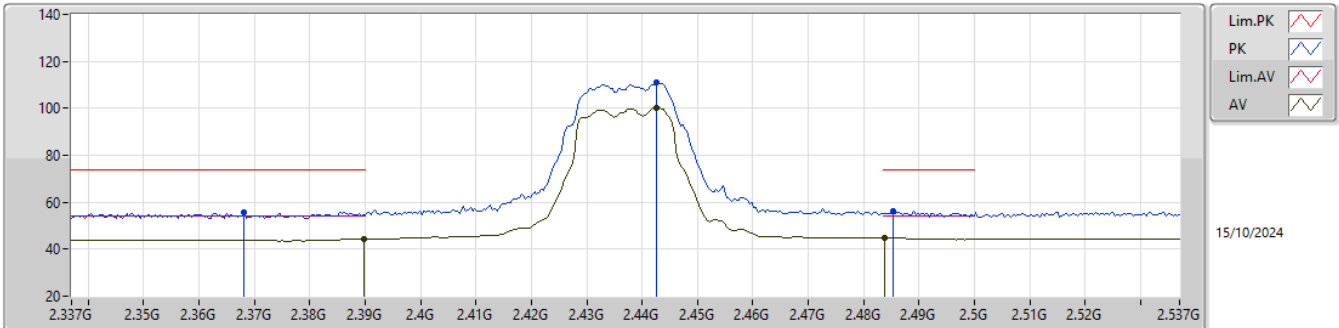


EUT_X_2TX
Setting 22
03-V-V-1

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	4.82592G	46.82	74.00	-27.18	41.70	3	Horizontal	5	2.69	-	33.25	7.20	35.33			
AV	4.80906G	34.19	54.00	-19.81	29.09	3	Horizontal	5	2.69	-	33.22	7.21	35.33			

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

2437MHz_TX

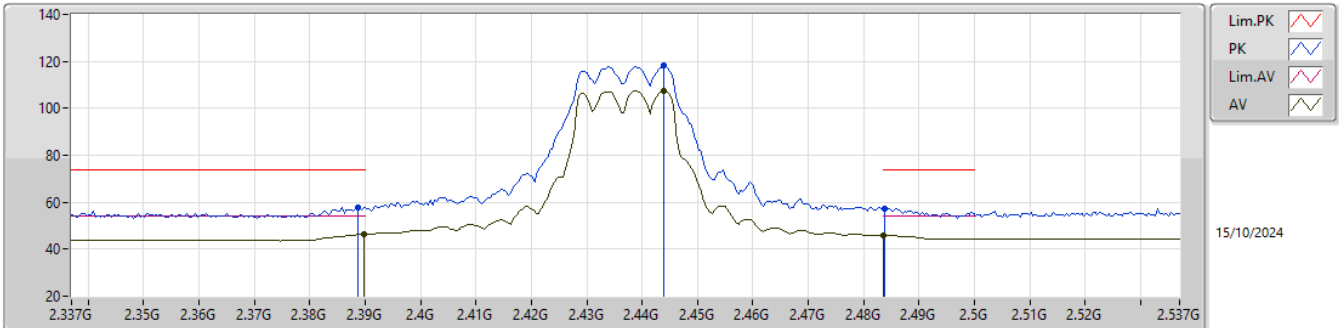


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3682G	55.71	74.00	-18.29	24.69	3	Vertical	238	2.10	-	27.30	3.72	-			
AV	2.3898G	44.31	54.00	-9.69	13.19	3	Vertical	238	2.10	-	27.40	3.72	-			
PK	2.4426G	111.28	Inf	-Inf	79.84	3	Vertical	238	2.10	-	27.67	3.77	-			
AV	2.4426G	100.31	Inf	-Inf	68.87	3	Vertical	238	2.10	-	27.67	3.77	-			
PK	2.4854G	56.34	74.00	-17.66	24.63	3	Vertical	238	2.10	-	27.90	3.81	-			
AV	2.4838G	44.75	54.00	-9.25	13.04	3	Vertical	238	2.10	-	27.90	3.81	-			

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

2437MHz_TX

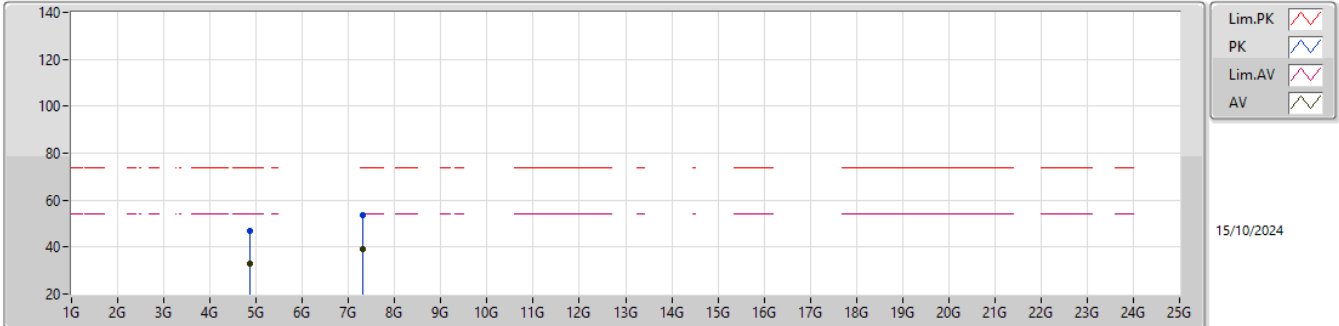


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3886G	57.85	74.00	-16.15	26.74	3	Horizontal	250	2.96	-	27.39	3.72	-			
AV	2.3898G	46.45	54.00	-7.55	15.33	3	Horizontal	250	2.96	-	27.40	3.72	-			
PK	2.4438G	118.15	Inf	-Inf	86.72	3	Horizontal	250	2.96	-	27.66	3.77	-			
AV	2.4438G	107.43	Inf	-Inf	76.00	3	Horizontal	250	2.96	-	27.66	3.77	-			
PK	2.4838G	57.34	74.00	-16.66	25.63	3	Horizontal	250	2.96	-	27.90	3.81	-			
AV	2.4835G	46.01	54.00	-7.99	14.30	3	Horizontal	250	2.96	-	27.90	3.81	-			

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

2437MHz_TX

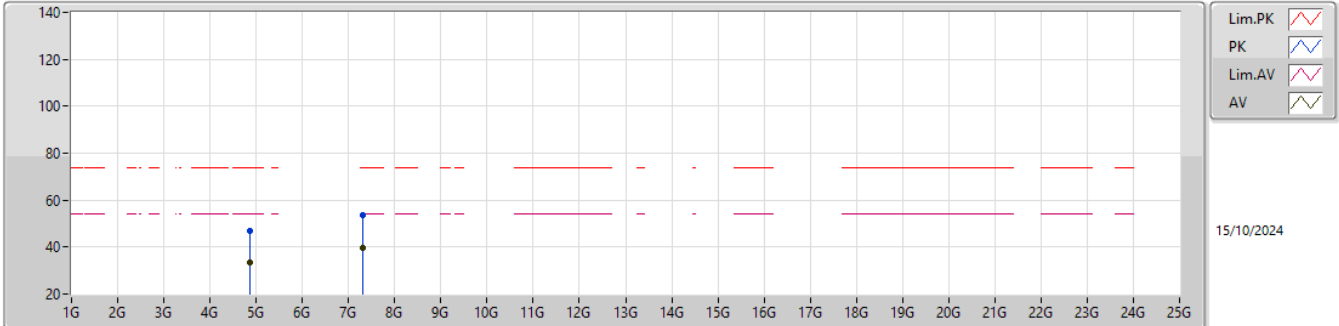


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87036G	46.67	74.00	-27.33	40.07	3	Vertical	76	2.37	-	32.68	6.49	32.57			
AV	4.86568G	33.04	54.00	-20.96	26.46	3	Vertical	76	2.37	-	32.66	6.49	32.57			
PK	7.30376G	53.57	74.00	-20.43	41.25	3	Vertical	218	1.86	-	36.98	7.97	32.63			
AV	7.30444G	39.32	54.00	-14.68	27.01	3	Vertical	218	1.86	-	36.97	7.97	32.63			

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

2437MHz_TX

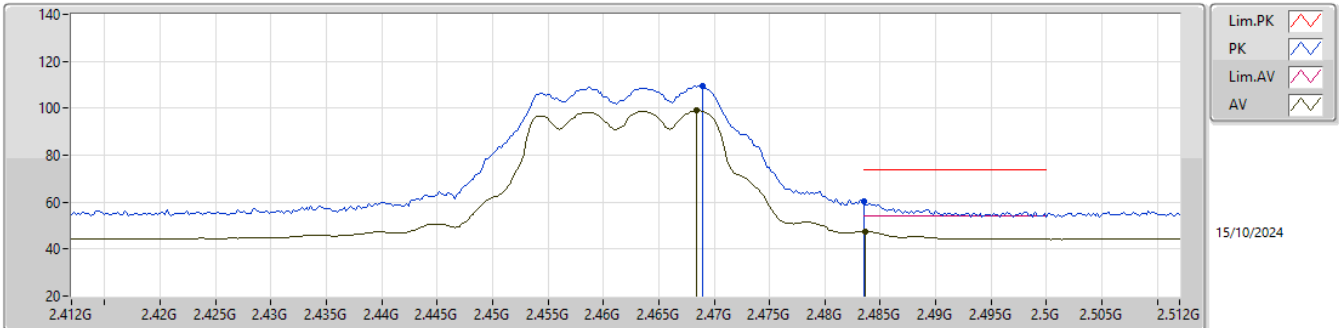


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.86488G	46.71	74.00	-27.29	40.13	3	Horizontal	127	1.70	-	32.66	6.49	32.57			
AV	4.87728G	33.57	54.00	-20.43	26.94	3	Horizontal	127	1.70	-	32.71	6.50	32.58			
PK	7.3076G	53.68	74.00	-20.32	41.39	3	Horizontal	320	1.80	-	36.95	7.97	32.63			
AV	7.30468G	39.41	54.00	-14.59	27.10	3	Horizontal	320	1.80	-	36.97	7.97	32.63			

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

2462MHz_TX

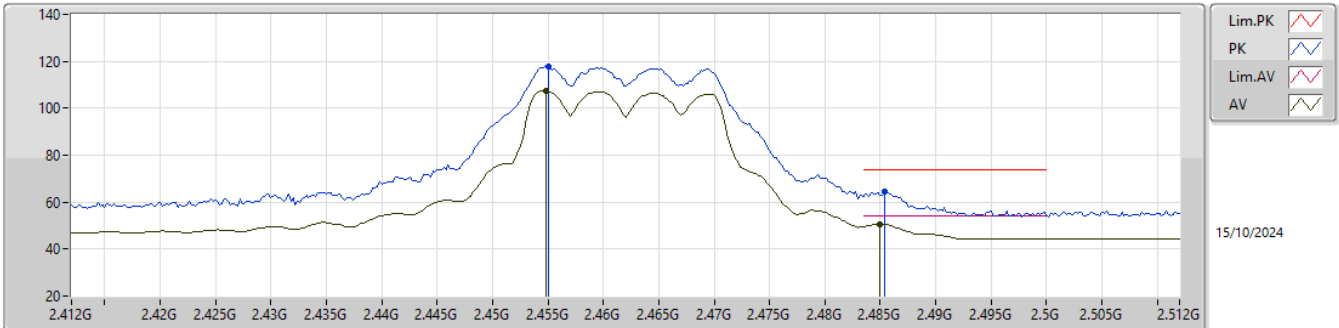


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.469G	109.52	Inf	-Inf	78.03	3	Vertical	201	1.79	-	27.69	3.80	-				
AV	2.4684G	99.03	Inf	-Inf	67.55	3	Vertical	201	1.79	-	27.68	3.80	-				
PK	2.4835G	60.53	74.00	-13.47	28.82	3	Vertical	201	1.79	-	27.90	3.81	-				
AV	2.4836G	47.46	54.00	-6.54	15.75	3	Vertical	201	1.79	-	27.90	3.81	-				

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

2462MHz_TX

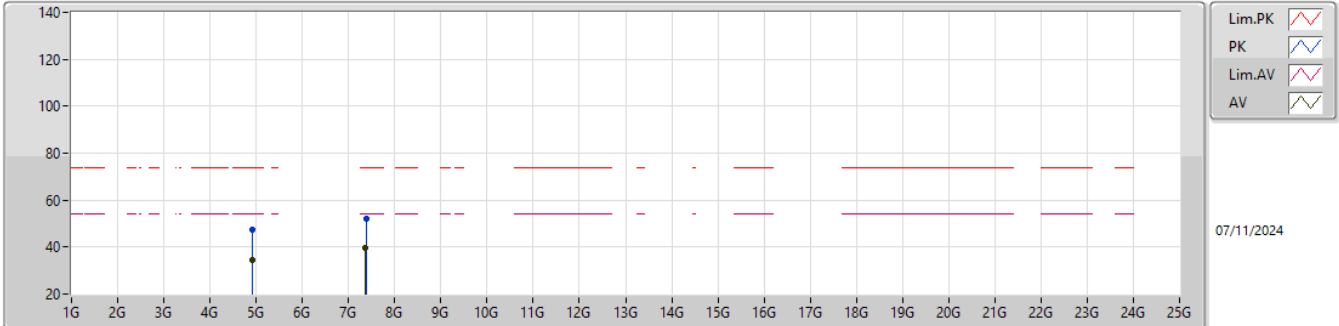


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.455G	117.77	Inf	-Inf	86.39	3	Horizontal	239	2.38	-	27.60	3.78	-				
AV	2.4548G	107.52	Inf	-Inf	76.14	3	Horizontal	239	2.38	-	27.60	3.78	-				
PK	2.4854G	64.42	74.00	-9.58	32.71	3	Horizontal	239	2.38	-	27.90	3.81	-				
AV	2.485G	50.43	54.00	-3.57	18.72	3	Horizontal	239	2.38	-	27.90	3.81	-				

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

2462MHz_TX

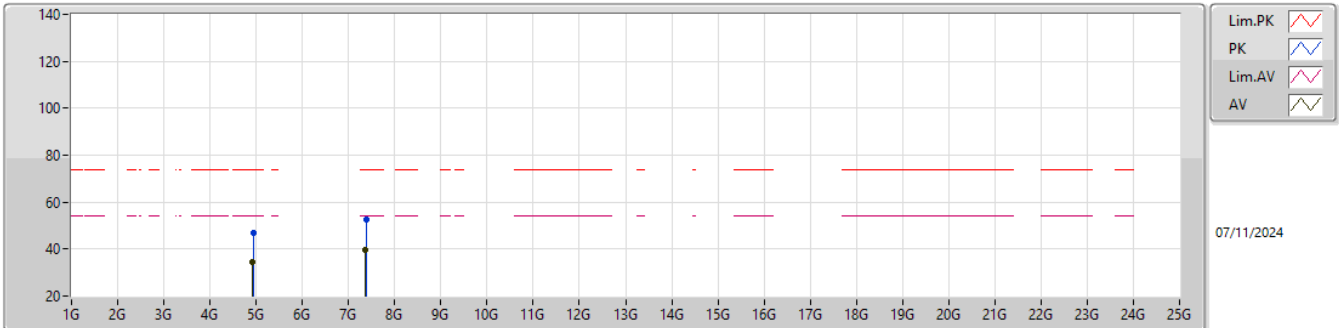


EUT_X_2TX
Setting 22
03-V-V-1

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	4.9189G	47.32	74.00	-26.68	42.00	3	Vertical	131	1.52	-	33.48	7.17	35.33			
AV	4.91098G	34.63	54.00	-19.37	29.35	3	Vertical	131	1.52	-	33.44	7.17	35.33			
PK	7.37676G	51.86	74.00	-22.14	41.47	3	Vertical	168	2.88	-	36.90	8.65	35.16			
AV	7.37232G	39.57	54.00	-14.43	29.18	3	Vertical	168	2.88	-	36.90	8.65	35.16			

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

2462MHz_TX

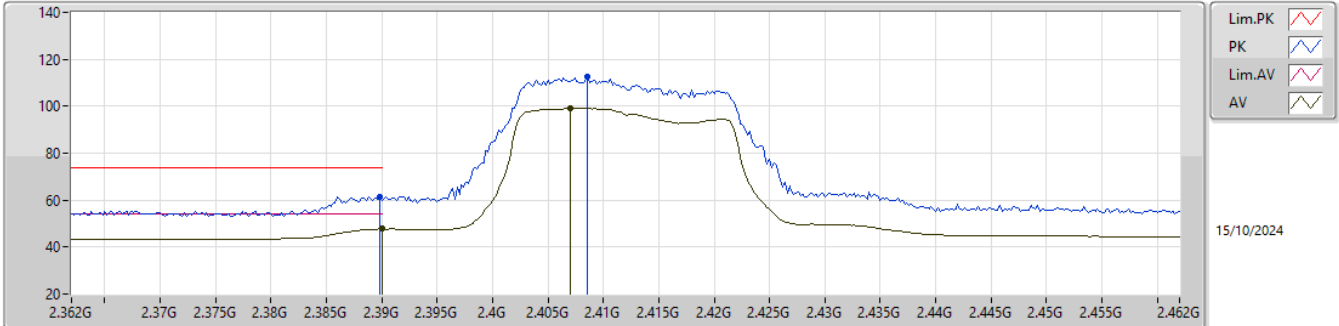


EUT_X_2TX
Setting 22
03-V-V-1

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	4.93204G	46.86	74.00	-27.14	41.50	3	Horizontal	189	2.33	-	33.53	7.16	35.33			
AV	4.91026G	34.72	54.00	-19.28	29.44	3	Horizontal	189	2.33	-	33.44	7.17	35.33			
PK	7.40052G	52.54	74.00	-21.46	42.13	3	Horizontal	286	1.80	-	36.90	8.67	35.16			
AV	7.37124G	39.58	54.00	-14.42	29.19	3	Horizontal	286	1.80	-	36.90	8.65	35.16			

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

2412MHz_TX

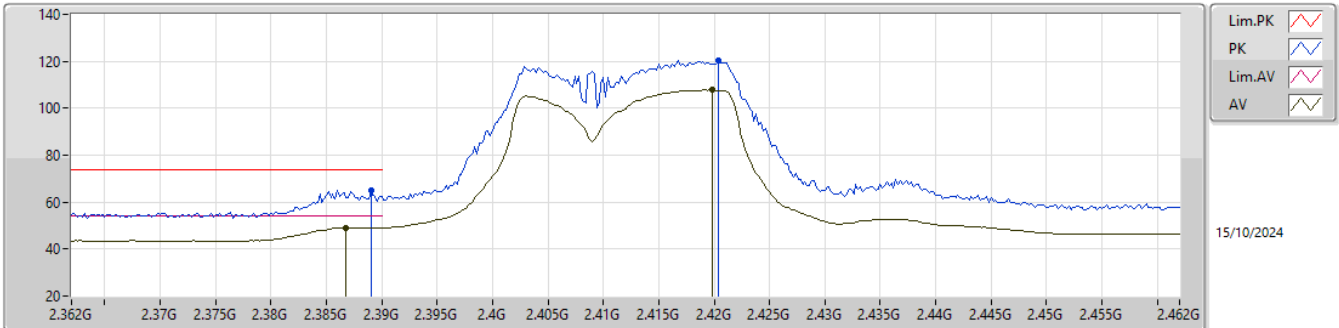


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	61.39	74.00	-12.61	30.27	3	Vertical	248	2.37	-	27.40	3.72	-			
AV	2.39G	47.72	54.00	-6.28	16.60	3	Vertical	248	2.37	-	27.40	3.72	-			
PK	2.4086G	112.66	Inf	-Inf	81.43	3	Vertical	248	2.37	-	27.50	3.73	-			
AV	2.407G	99.16	Inf	-Inf	67.93	3	Vertical	248	2.37	-	27.50	3.73	-			

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

2412MHz_TX

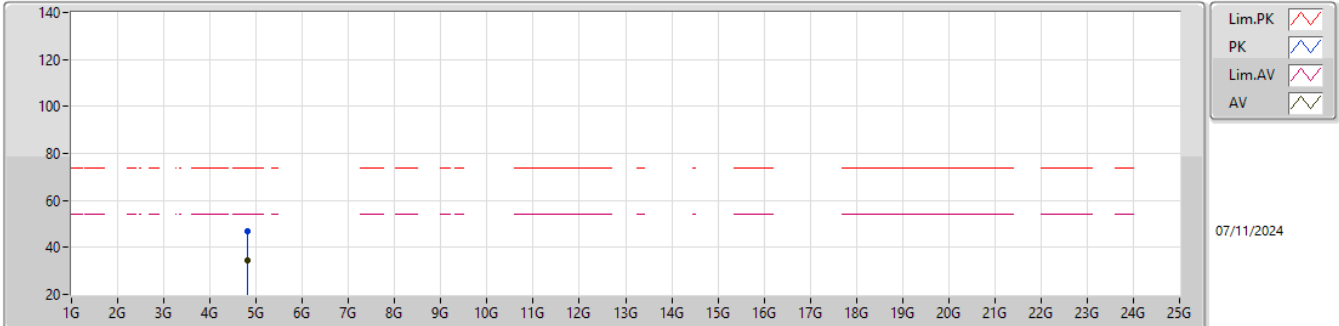


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.389G	64.84	74.00	-9.16	33.73	3	Horizontal	241	2.73	-	27.39	3.72	-			
AV	2.3868G	49.16	54.00	-4.84	18.07	3	Horizontal	241	2.73	-	27.37	3.72	-			
PK	2.4204G	120.52	Inf	-Inf	89.28	3	Horizontal	241	2.73	-	27.50	3.74	-			
AV	2.4198G	107.75	Inf	-Inf	76.51	3	Horizontal	241	2.73	-	27.50	3.74	-			

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

2412MHz_TX

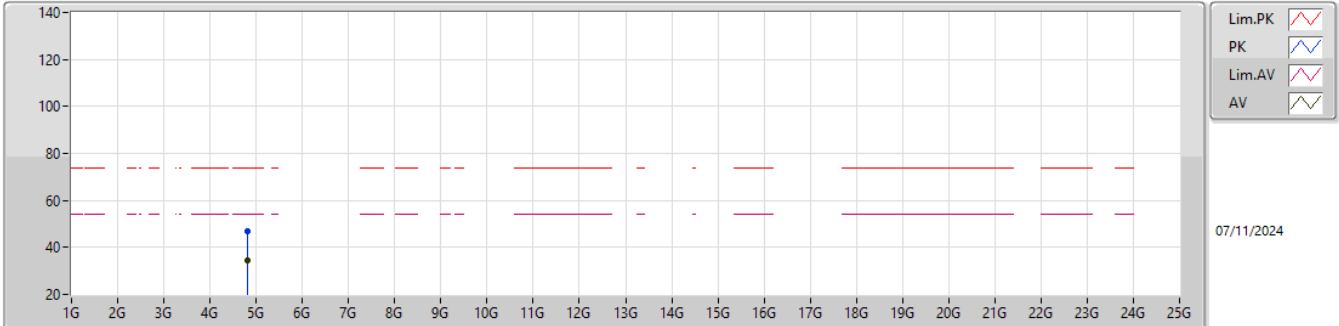


EUT_X_2TX
Setting 22
03-V-V-1

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	4.81764G	46.78	74.00	-27.22	41.67	3	Vertical	336	1.13	-	33.24	7.20	35.33			
AV	4.81842G	34.27	54.00	-19.73	29.16	3	Vertical	336	1.13	-	33.24	7.20	35.33			

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

2412MHz_TX

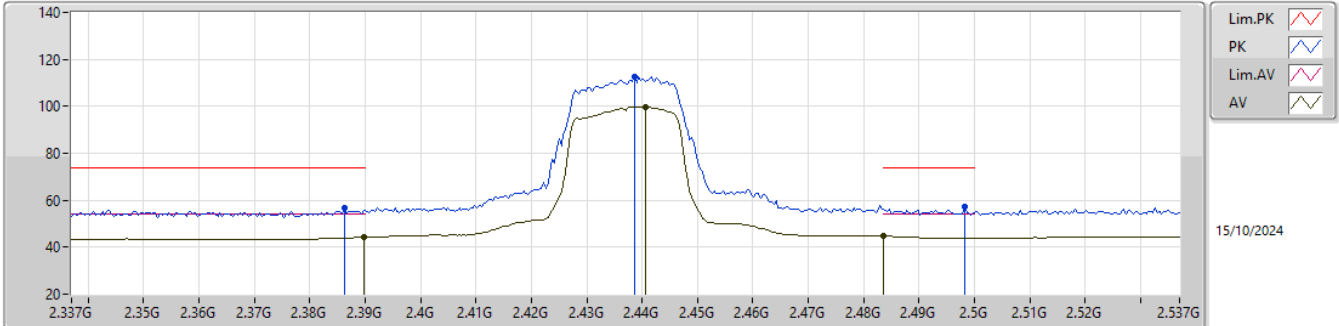


EUT_X_2TX
Setting 22
03-V-V-1

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	4.82208G	46.67	74.00	-27.33	41.56	3	Horizontal	16	1.33	-	33.24	7.20	35.33			
AV	4.81794G	34.30	54.00	-19.70	29.19	3	Horizontal	16	1.33	-	33.24	7.20	35.33			

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

2437MHz_TX

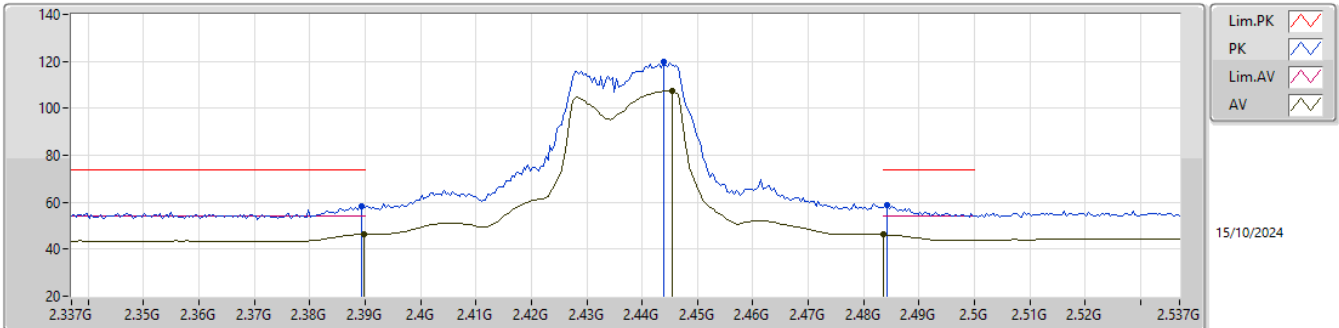


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3862G	56.70	74.00	-17.30	25.62	3	Vertical	240	2.08	-	27.36	3.72	-			
AV	2.3898G	44.20	54.00	-9.80	13.08	3	Vertical	240	2.08	-	27.40	3.72	-			
PK	2.4386G	112.53	Inf	-Inf	81.08	3	Vertical	240	2.08	-	27.69	3.76	-			
AV	2.4406G	99.85	Inf	-Inf	68.40	3	Vertical	240	2.08	-	27.69	3.76	-			
PK	2.4982G	57.48	74.00	-16.52	25.75	3	Vertical	240	2.08	-	27.90	3.83	-			
AV	2.4835G	44.80	54.00	-9.20	13.09	3	Vertical	240	2.08	-	27.90	3.81	-			

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

2437MHz_TX

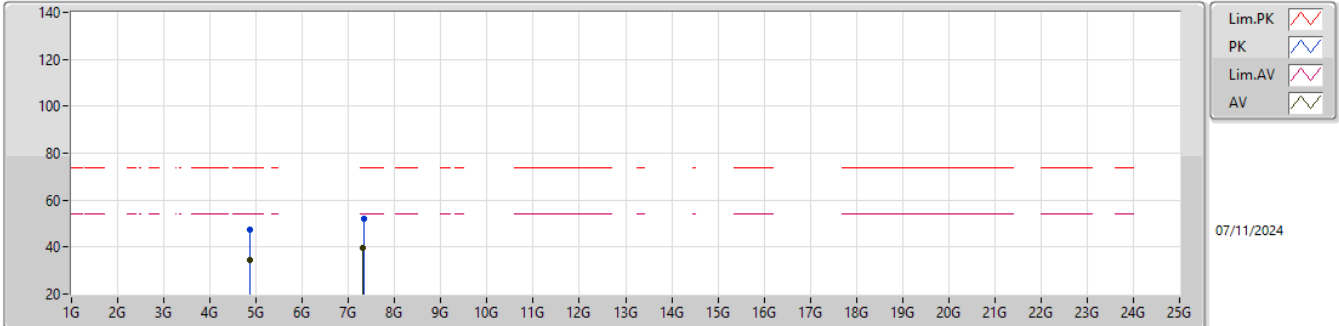


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	58.06	74.00	-15.94	26.95	3	Horizontal	251	2.94	-	27.39	3.72	-			
AV	2.3898G	46.38	54.00	-7.62	15.26	3	Horizontal	251	2.94	-	27.40	3.72	-			
PK	2.4438G	119.65	Inf	-Inf	88.22	3	Horizontal	251	2.94	-	27.66	3.77	-			
AV	2.4454G	107.37	Inf	-Inf	75.95	3	Horizontal	251	2.94	-	27.65	3.77	-			
PK	2.4842G	58.88	74.00	-15.12	27.17	3	Horizontal	251	2.94	-	27.90	3.81	-			
AV	2.4835G	46.17	54.00	-7.83	14.46	3	Horizontal	251	2.94	-	27.90	3.81	-			

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

2437MHz_TX

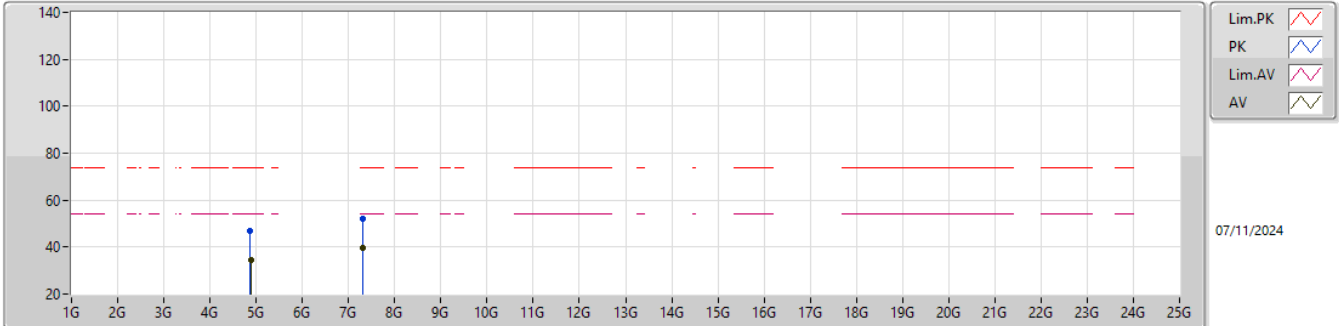


EUT_X_2TX
Setting 22
03-V-V-1

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	4.87268G	47.49	74.00	-26.51	42.29	3	Vertical	214	1.68	-	33.35	7.18	35.33			
AV	4.86518G	34.37	54.00	-19.63	29.18	3	Vertical	214	1.68	-	33.33	7.19	35.33			
PK	7.3245G	52.26	74.00	-21.74	42.00	3	Vertical	360	1.77	-	36.80	8.62	35.16			
AV	7.31826G	39.43	54.00	-14.57	29.20	3	Vertical	360	1.77	-	36.77	8.62	35.16			

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

2437MHz_TX

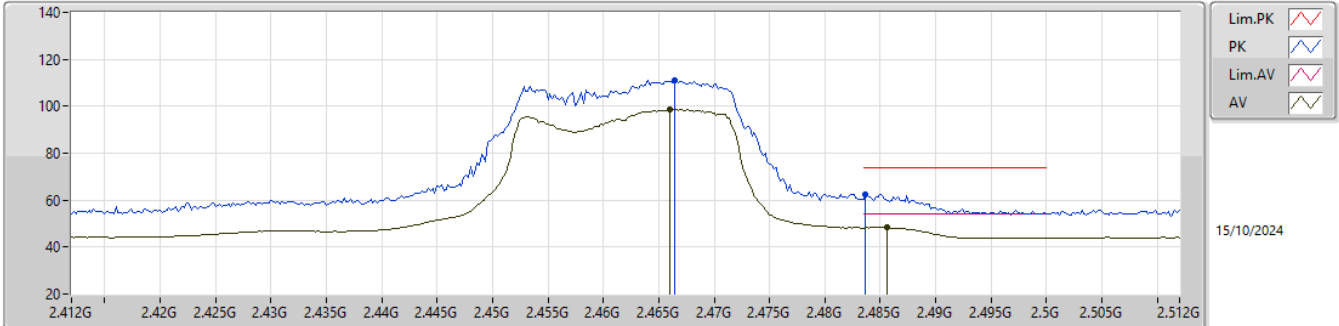


EUT_X_2TX
Setting 22
03-V-V-1

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	4.859G	46.68	74.00	-27.32	41.50	3	Horizontal	269	1.80	-	33.32	7.19	35.33			
AV	4.8827G	34.40	54.00	-19.60	29.18	3	Horizontal	269	1.80	-	33.37	7.18	35.33			
PK	7.314G	52.14	74.00	-21.86	41.93	3	Horizontal	350	1.59	-	36.76	8.61	35.16			
AV	7.31286G	39.42	54.00	-14.58	29.22	3	Horizontal	350	1.59	-	36.75	8.61	35.16			

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

2462MHz_TX

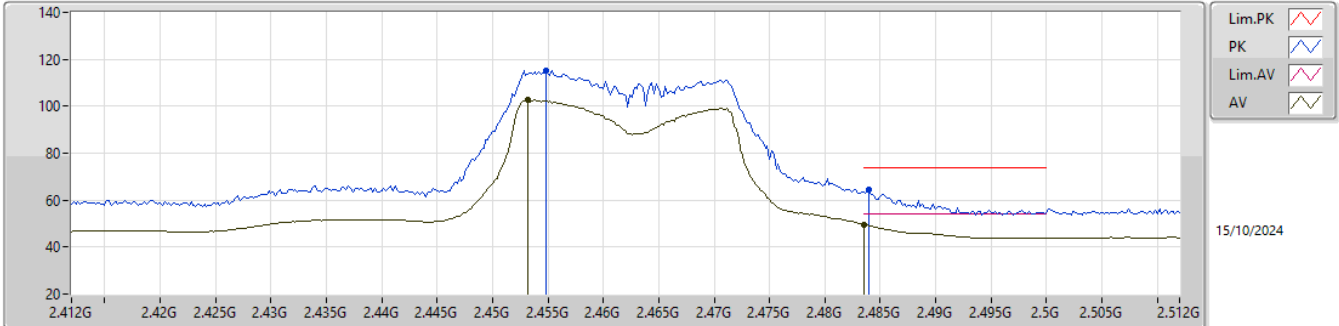


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4664G	111.07	Inf	-Inf	79.62	3	Vertical	204	1.90	-	27.66	3.79	-			
AV	2.466G	98.47	Inf	-Inf	67.02	3	Vertical	204	1.90	-	27.66	3.79	-			
PK	2.4836G	62.52	74.00	-11.48	30.81	3	Vertical	204	1.90	-	27.90	3.81	-			
AV	2.4856G	48.28	54.00	-5.72	16.57	3	Vertical	204	1.90	-	27.90	3.81	-			

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

2462MHz_TX

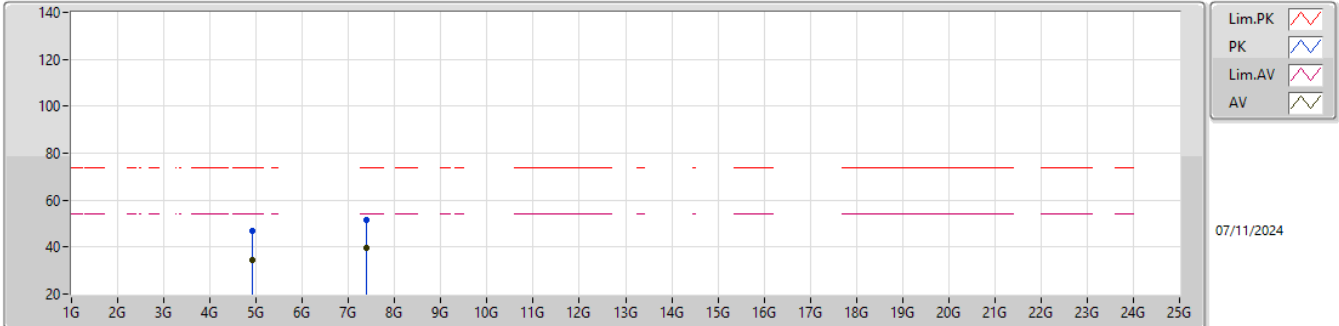


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4548G	115.16	Inf	-Inf	83.78	3	Horizontal	146	1.80	-	27.60	3.78	-			
AV	2.4532G	102.58	Inf	-Inf	71.20	3	Horizontal	146	1.80	-	27.60	3.78	-			
PK	2.484G	64.35	74.00	-9.65	32.64	3	Horizontal	146	1.80	-	27.90	3.81	-			
AV	2.4835G	49.68	54.00	-4.32	17.97	3	Horizontal	146	1.80	-	27.90	3.81	-			

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

2462MHz_TX

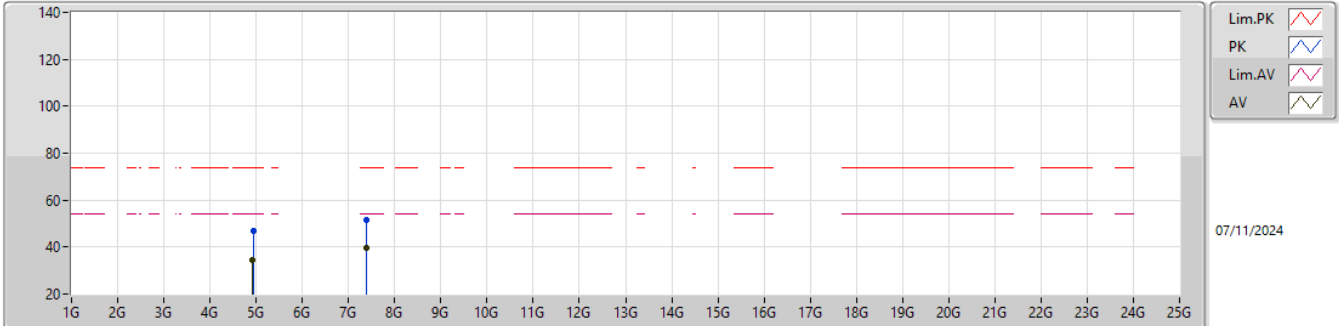


EUT_X_2TX
Setting 22
03-V-V-1

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	4.92928G	46.96	74.00	-27.04	41.61	3	Vertical	290	1.34	-	33.52	7.16	35.33			
AV	4.91068G	34.63	54.00	-19.37	29.35	3	Vertical	290	1.34	-	33.44	7.17	35.33			
PK	7.39596G	51.58	74.00	-22.42	41.17	3	Vertical	144	2.30	-	36.90	8.67	35.16			
AV	7.39938G	39.50	54.00	-14.50	29.09	3	Vertical	144	2.30	-	36.90	8.67	35.16			

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

2462MHz_TX

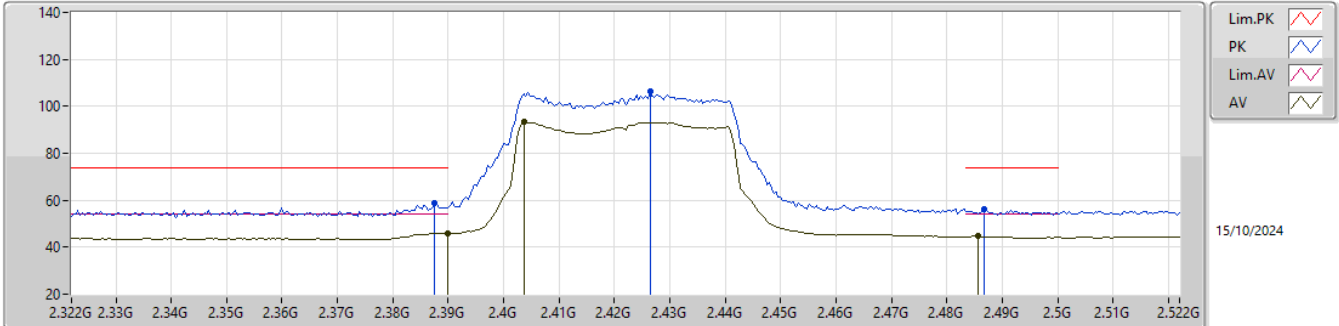


EUT_X_2TX
Setting 22
03-V-V-1

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	4.9372G	47.01	74.00	-26.99	41.63	3	Horizontal	125	2.36	-	33.55	7.16	35.33			
AV	4.91026G	34.64	54.00	-19.36	29.36	3	Horizontal	125	2.36	-	33.44	7.17	35.33			
PK	7.3911G	51.68	74.00	-22.32	41.28	3	Horizontal	300	2.47	-	36.90	8.66	35.16			
AV	7.40076G	39.43	54.00	-14.57	29.02	3	Horizontal	300	2.47	-	36.90	8.67	35.16			

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

2422MHz_TX

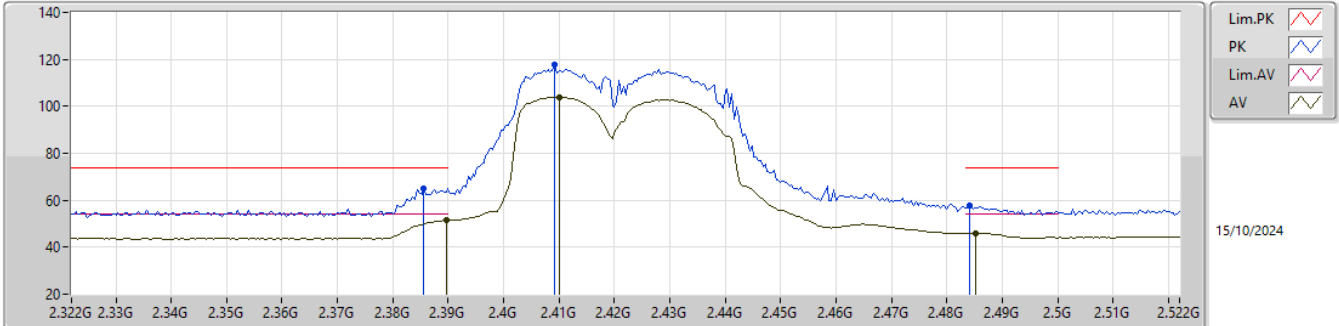


EUT_X_2TX
Setting 21
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3876G	58.78	74.00	-15.22	27.68	3	Vertical	227	1.80	-	27.38	3.72	-			
AV	2.39G	45.79	54.00	-8.21	14.67	3	Vertical	227	1.80	-	27.40	3.72	-			
PK	2.4264G	106.18	Inf	-Inf	74.87	3	Vertical	227	1.80	-	27.56	3.75	-			
AV	2.4036G	93.45	Inf	-Inf	62.23	3	Vertical	227	1.80	-	27.50	3.72	-			
PK	2.4868G	56.10	74.00	-17.90	24.38	3	Vertical	227	1.80	-	27.90	3.82	-			
AV	2.4856G	44.58	54.00	-9.42	12.87	3	Vertical	227	1.80	-	27.90	3.81	-			

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

2422MHz_TX

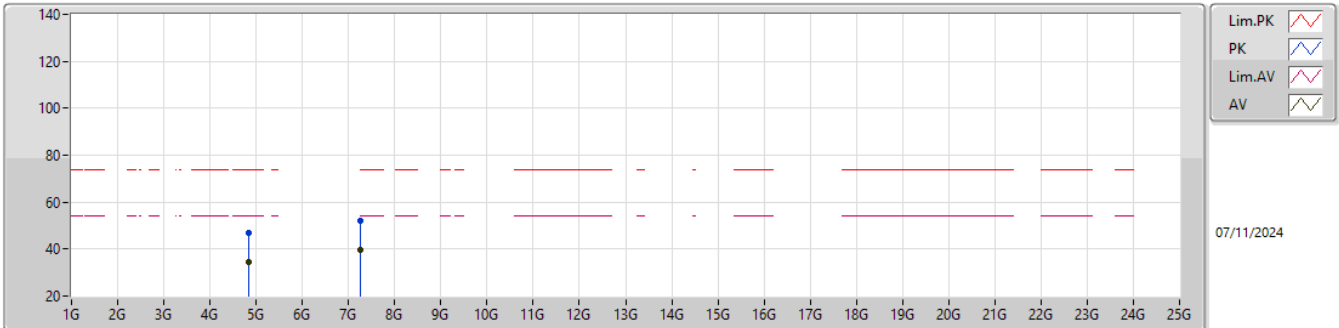


EUT_X_2TX
Setting 21
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3856G	65.20	74.00	-8.80	34.12	3	Horizontal	248	2.71	-	27.36	3.72	-			
AV	2.3896G	51.59	54.00	-2.41	20.47	3	Horizontal	248	2.71	-	27.40	3.72	-			
PK	2.4092G	117.74	Inf	-Inf	86.51	3	Horizontal	248	2.71	-	27.50	3.73	-			
AV	2.41G	103.94	Inf	-Inf	72.71	3	Horizontal	248	2.71	-	27.50	3.73	-			
PK	2.484G	57.54	74.00	-16.46	25.83	3	Horizontal	248	2.71	-	27.90	3.81	-			
AV	2.4852G	45.97	54.00	-8.03	14.26	3	Horizontal	248	2.71	-	27.90	3.81	-			

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

2422MHz_TX

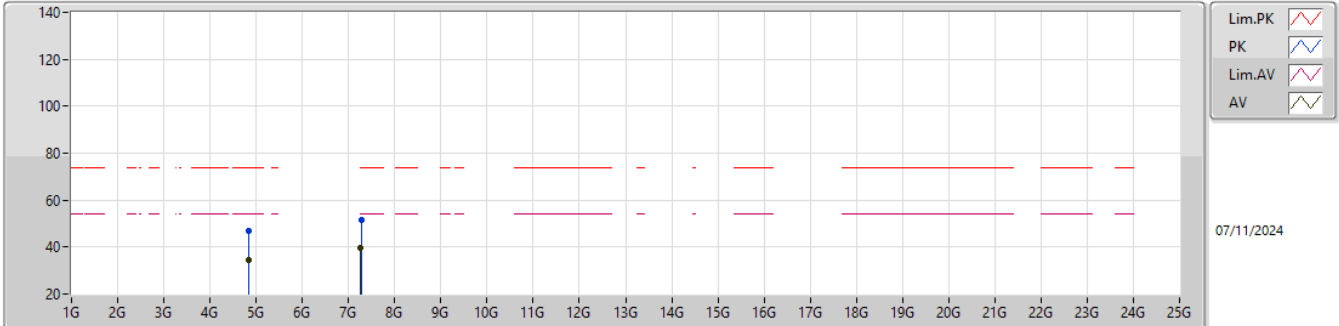


EUT_X_2TX
Setting 21
03-V-V-1

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	4.83482G	46.76	74.00	-27.24	41.62	3	Vertical	53	1.48	-	33.27	7.20	35.33			
AV	4.83398G	34.43	54.00	-19.57	29.29	3	Vertical	53	1.48	-	33.27	7.20	35.33			
PK	7.26396G	52.15	74.00	-21.85	42.16	3	Vertical	154	2.72	-	36.56	8.58	35.15			
AV	7.26882G	39.58	54.00	-14.42	29.57	3	Vertical	154	2.72	-	36.58	8.58	35.15			

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

2422MHz_TX

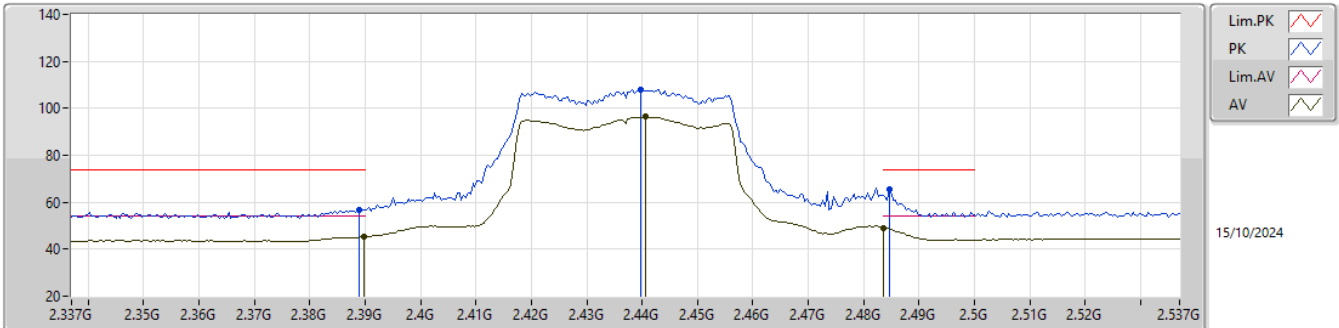


EUT_X_2TX
Setting 21
03-V-V-1

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	4.82918G	47.07	74.00	-26.93	41.94	3	Horizontal	135	2.04	-	33.26	7.20	35.33				
AV	4.83536G	34.46	54.00	-19.54	29.32	3	Horizontal	135	2.04	-	33.27	7.20	35.33				
PK	7.27518G	51.67	74.00	-22.33	41.63	3	Horizontal	214	2.51	-	36.60	8.59	35.15				
AV	7.26492G	39.60	54.00	-14.40	29.61	3	Horizontal	214	2.51	-	36.56	8.58	35.15				

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

2437MHz_TX

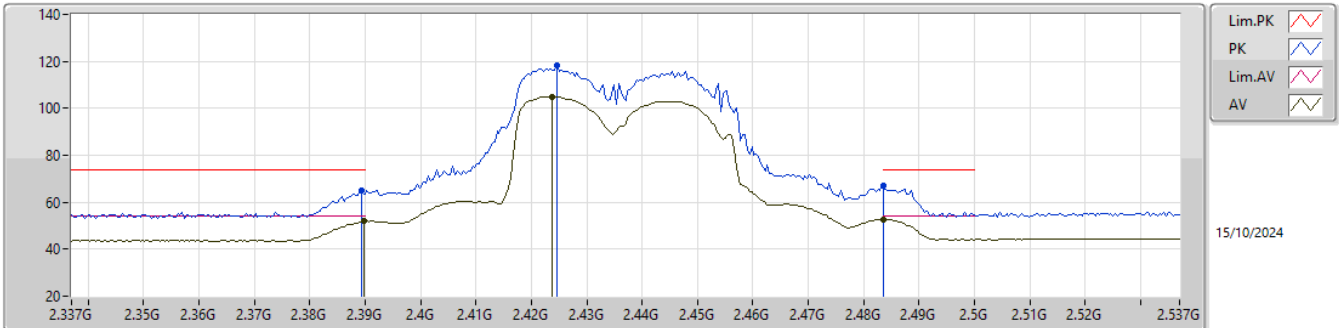


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.389G	56.95	74.00	-17.05	25.84	3	Vertical	231	1.96	-	27.39	3.72	-			
AV	2.3898G	45.31	54.00	-8.69	14.19	3	Vertical	231	1.96	-	27.40	3.72	-			
PK	2.4398G	107.80	Inf	-Inf	76.34	3	Vertical	231	1.96	-	27.70	3.76	-			
AV	2.4406G	96.31	Inf	-Inf	64.86	3	Vertical	231	1.96	-	27.69	3.76	-			
PK	2.4846G	65.49	74.00	-8.51	33.78	3	Vertical	231	1.96	-	27.90	3.81	-			
AV	2.4835G	49.20	54.00	-4.80	17.49	3	Vertical	231	1.96	-	27.90	3.81	-			

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

2437MHz_TX

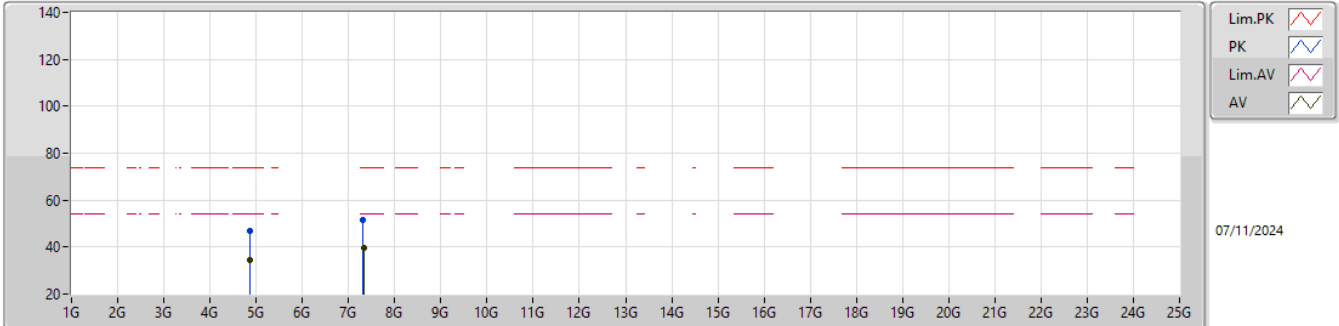


EUT_X_2TX
Setting 22
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	64.89	74.00	-9.11	33.78	3	Horizontal	248	2.71	-	27.39	3.72	-			
AV	2.3898G	51.87	54.00	-2.13	20.75	3	Horizontal	248	2.71	-	27.40	3.72	-			
PK	2.4246G	118.06	Inf	-Inf	86.76	3	Horizontal	248	2.71	-	27.55	3.75	-			
AV	2.4238G	104.97	Inf	-Inf	73.68	3	Horizontal	248	2.71	-	27.54	3.75	-			
PK	2.4835G	66.97	74.00	-7.03	35.26	3	Horizontal	248	2.71	-	27.90	3.81	-			
AV	2.4835G	52.68	54.00	-1.32	20.97	3	Horizontal	248	2.71	-	27.90	3.81	-			

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

2437MHz_TX

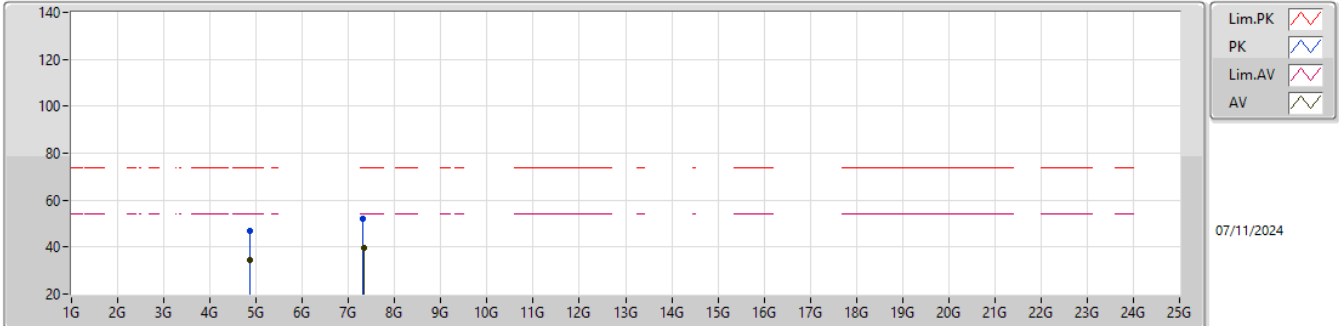


EUT_X_2TX
Setting 22
03-V-V-1

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	4.86626G	47.00	74.00	-27.00	41.81	3	Vertical	164	2.93	-	33.33	7.19	35.33			
AV	4.87154G	34.55	54.00	-19.45	29.36	3	Vertical	164	2.93	-	33.34	7.18	35.33			
PK	7.31472G	51.56	74.00	-22.44	41.35	3	Vertical	312	2.73	-	36.76	8.61	35.16			
AV	7.32582G	39.54	54.00	-14.46	29.28	3	Vertical	312	2.73	-	36.80	8.62	35.16			

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

2437MHz_TX

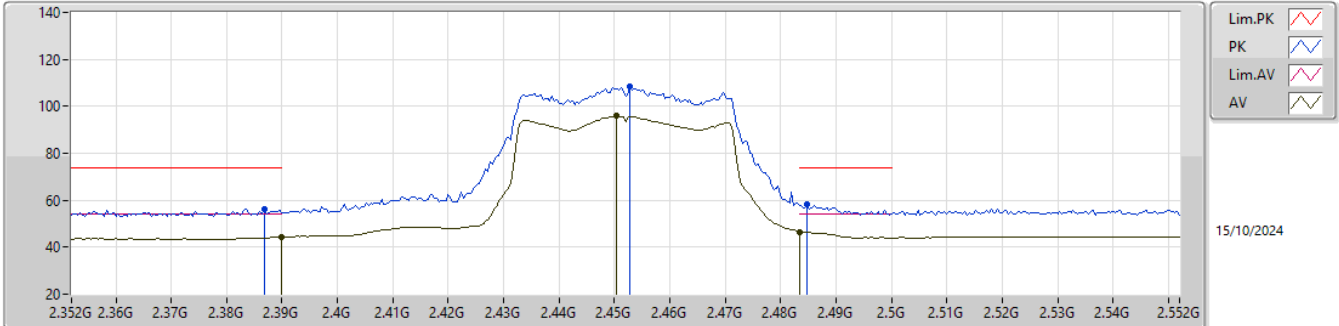


EUT_X_2TX
Setting 22
03-V-V-1

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	4.87598G	46.66	74.00	-27.34	41.46	3	Horizontal	91	1.99	-	33.35	7.18	35.33			
AV	4.86338G	34.58	54.00	-19.42	29.39	3	Horizontal	91	1.99	-	33.33	7.19	35.33			
PK	7.31688G	52.00	74.00	-22.00	41.77	3	Horizontal	221	2.01	-	36.77	8.62	35.16			
AV	7.32372G	39.58	54.00	-14.42	29.33	3	Horizontal	221	2.01	-	36.79	8.62	35.16			

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

2452MHz_TX

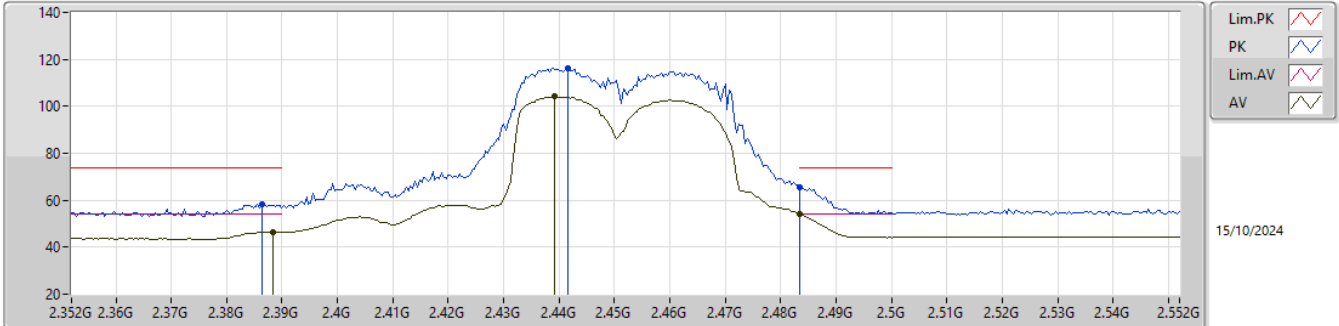


EUT_X_2TX
Setting 21
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3868G	56.20	74.00	-17.80	25.11	3	Vertical	230	2.26	-	27.37	3.72	-			
AV	2.39G	44.35	54.00	-9.65	13.23	3	Vertical	230	2.26	-	27.40	3.72	-			
PK	2.4528G	108.24	Inf	-Inf	76.86	3	Vertical	230	2.26	-	27.60	3.78	-			
AV	2.4504G	95.81	Inf	-Inf	64.43	3	Vertical	230	2.26	-	27.60	3.78	-			
PK	2.4848G	58.07	74.00	-15.93	26.36	3	Vertical	230	2.26	-	27.90	3.81	-			
AV	2.4835G	46.52	54.00	-7.48	14.81	3	Vertical	230	2.26	-	27.90	3.81	-			

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

2452MHz_TX

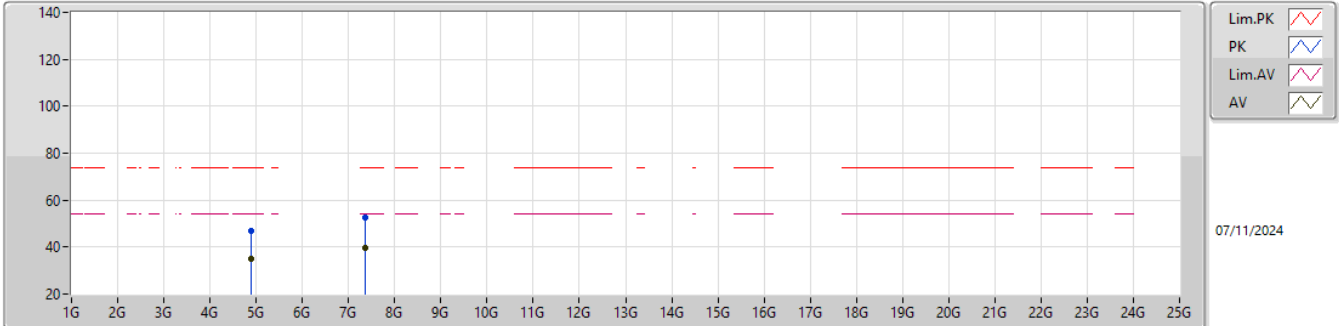


EUT_X_2TX
Setting 21
01-D-P-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3864G	58.13	74.00	-15.87	27.05	3	Horizontal	240	2.68	-	27.36	3.72	-			
AV	2.3884G	46.48	54.00	-7.52	15.38	3	Horizontal	240	2.68	-	27.38	3.72	-			
PK	2.4416G	116.30	Inf	-Inf	84.85	3	Horizontal	240	2.68	-	27.68	3.77	-			
AV	2.4392G	104.14	Inf	-Inf	72.69	3	Horizontal	240	2.68	-	27.69	3.76	-			
PK	2.4835G	65.50	74.00	-8.50	33.79	3	Horizontal	240	2.68	-	27.90	3.81	-			
AV	2.4835G	53.88	54.00	-0.12	22.17	3	Horizontal	240	2.68	-	27.90	3.81	-			

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

2452MHz_TX

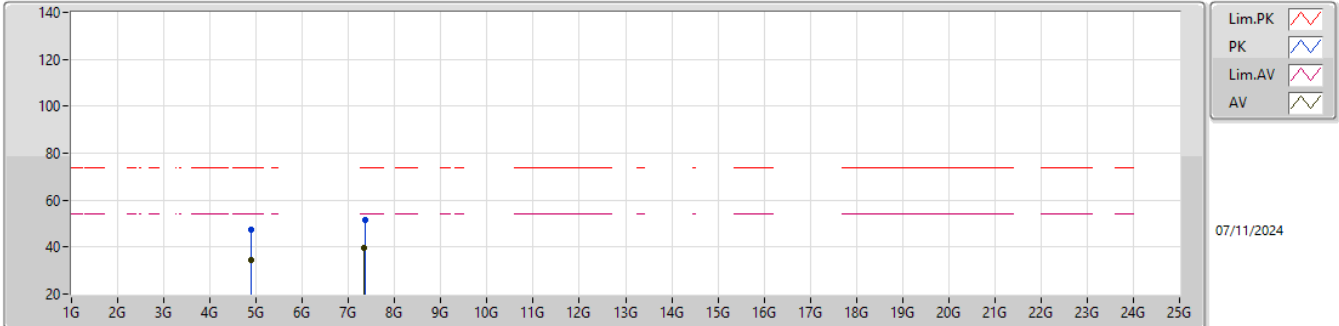


EUT_X_2TX
Setting 21
03-V-V-1

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	4.89314G	47.12	74.00	-26.88	41.88	3	Vertical	303	2.21	-	33.39	7.18	35.33			
AV	4.8932G	34.80	54.00	-19.20	29.56	3	Vertical	303	2.21	-	33.39	7.18	35.33			
PK	7.35258G	52.36	74.00	-21.64	41.98	3	Vertical	119	1.57	-	36.90	8.64	35.16			
AV	7.35318G	39.82	54.00	-14.18	29.44	3	Vertical	119	1.57	-	36.90	8.64	35.16			

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

2452MHz_TX



EUT_X_2TX
Setting 21
03-V-V-1

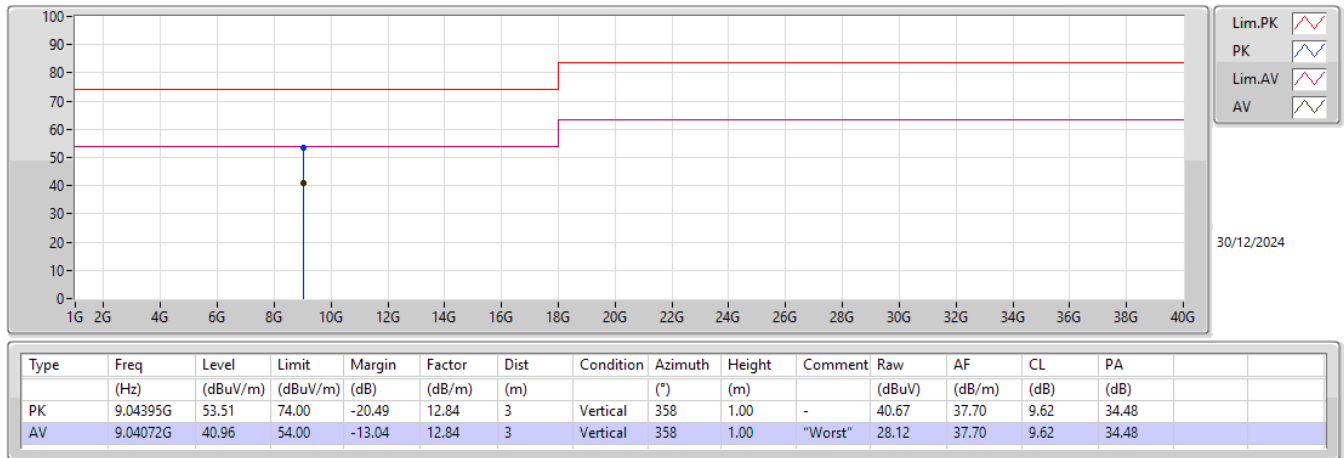
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.90172G	47.24	74.00	-26.76	41.99	3	Horizontal	325	1.44	-	33.41	7.17	35.33			
AV	4.89254G	34.66	54.00	-19.34	29.42	3	Horizontal	325	1.44	-	33.39	7.18	35.33			
PK	7.37004G	51.69	74.00	-22.31	41.30	3	Horizontal	263	1.60	-	36.90	8.65	35.16			
AV	7.34442G	39.88	54.00	-14.12	29.53	3	Horizontal	263	1.60	-	36.88	8.63	35.16			



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	9.04072G	40.96	54.00	-13.04	Vertical

Mode 1



Mode 1

