



RADIO TEST REPORT

FCC ID : 2ACIX-AIOS9
Equipment : wireless module
Brand Name : Bowers & Wilkins
Model Name : AIOS 9.0
Applicant : B&W Group Ltd.
Dale Road, Worthing, West Sussex BN11 2BH,
United Kingdom
Manufacturer : B&W Group Ltd.
Dale Road, Worthing, West Sussex BN11 2BH,
United Kingdom
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 24, 2024, and testing was started from Nov. 20, 2024 and completed on Jul. 15, 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:

1. 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.
2. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.

Reviewed by: Sam Chen**Report Producer: Sophia Shiung**



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)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40)	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	VHT20	20	2TX
2.4-2.4835GHz	802.11ax HEW20	20	2TX
2.4-2.4835GHz	802.11n HT40	40	2TX
2.4-2.4835GHz	VHT40	40	2TX
2.4-2.4835GHz	802.11ax HEW40	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.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

<Set 1>

Ant.	Port			Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
	BT	WLAN 2.4/6GHz	WLAN 5GHz					
1	1	-	-	Radtenna Ltd.	ZZ40924	Dipole	IPEX	Note 1
2	-	1	-		ZZ44806			
3	-	2	-		ZZ44814			
4	-	-	2		ZZ44822			
5	-	-	1		ZZ44830			

Note 1:

Ant.	Max Peak Gain (dBi)				Cable Loss (dB)				Net Gain (dBi)			
	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz
1	2.2	-	-	-	0.9	-	-	-	1.3	-	-	-
2	-	2.3	-	3	-	0.6	-	1	-	1.7	-	2
3	-	2.1	-	2.4	-	0.8	-	1.3	-	1.3	-	1.1
4	-	-	1.4	-	-	-	0.9	-	-	-	0.5	-
5	-	-	2.1	-	-	-	1	-	-	-	1.1	-

<Set 2>

Ant.	Port			Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
	BT	WLAN 2.4/6GHz	WLAN 5GHz					
1	1	-	-	Radtenna Ltd.	ZZ45640	Slot	IPEX	Note 2
2	-	1	-		ZZ45659	Dipole		
3	-	2	-		ZZ45667			
4	-	-	2		ZZ45675			
5	-	-	1		ZZ45683			

Note 2:

Ant.	Max Peak Gain (dBi)				Cable Loss (dB)				Net Gain (dBi)			
	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz
1	1.8	-	-	-	0.4	-	-	-	1.4	-	-	-
2	-	2.3	-	3	-	0.3	-	0.4	-	2	-	2.6
3	-	2.1	-	2.4	-	0.3	-	0.4	-	1.8	-	2
4	-	-	1.4	-	-	-	0.6	-	-	-	0.8	-
5	-	-	1.4	-	-	-	0.4	-	-	-	1	-



<Set 3>

Ant.	Port			Brand Name	Model Name	Antenna Type	Connector	Cable	Gain (dBi)
	BT	WLAN 2.4/6GHz	WLAN 5GHz						
1	1	-	-	Radtenna Ltd.	ZZ44563	Dipole	IPEX	Note 3	Note 4
2	-	1	-		ZZ44571				
3	-	2	-		ZZ44598				
4	-	-	2		ZZ44601				
5	-	-	1		ZZ44601				

Note 3: The antennas in Set 3 do not originally contain cable. The information of antenna cables combined with them are listed below:

Combined Ant.	Brand Name	Model Name
1	ShenYu	ZX38008
2		ZX38016
3		ZX38024
4		ZX38032
5		ZX38040

Note 4:

Ant.	Max Peak Gain (dBi)				Cable Loss (dB)				Net Gain (dBi)			
	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	BT	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz
1	2.9	-	-	-	1.79	-	-	-	1.11	-	-	-
2	-	2.4	-	3.9	-	0.62	-	1.1	-	1.78	-	2.8
3	-	1.4	-	3.6	-	1.26	-	2.22	-	0.14	-	1.38
4	-	-	2	-	-	-	1.22	-	-	-	0.78	-
5	-	-	2	-	-	-	2.12	-	-	-	-0.12	-

Note 5: The above information was declared by manufacturer.

Note 6: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

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

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

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

$$DG = 10 \log[(NSS1(g1,1) + NSS1(g1,2))^2 / N_{ANT}] \Rightarrow 10 \log[(10^{G1/20} + 10^{G2/20})^2 / N_{ANT}]$$

Where ;

$$2.4G \ G1 = 2 \text{ dBi}; \ G2 = 1.8 \text{ dBi}; \ DG = 4.91 \text{ dBi}$$



5G G1 = 1 dBi; G2 = 0.8 dBi; DG = 3.91 dBi

6G G1 = 2.6 dBi; G2 = 2 dBi; DG = 5.32 dBi

Note 7: The EUT has three sets of antenna and there are five antennas for each set.

For RF Conducted tests:

For PSD, only antenna sets listed below with the highest gain among all antenna sets were selected to test:

For 2.4GHz/6GHz: Set 2, Ant. 2~3.

For 5GHz: Set 2, Ant. 4~5.

For Bluetooth: Set 2, Ant. 1.

For Output Power, only antennas listed below with the highest peak gain were selected to test:

For 2.4GHz: Set 2, Ant. 2.

For 5GHz: Set 1, Ant. 5.

For 6GHz: Set 3, Ant. 2.

For Bluetooth: Set 2, Ant. 1.

For Radiated tests, only antennas listed below with higher directional gain than other same type of antennas were selected to test:

For 2.4GHz/6GHz: Set 2, Ant. 2~3.

For 5GHz: Set 2, Ant. 4~5.

For Bluetooth: Set 1, Ant. 1 and Set 2, Ant. 1.

Note 8: **For 2.4GHz function:**

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth function (1TX/1RX):

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.929	0.32	8.388m	300
802.11g_Nss 1,(6D)	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20_Nss 1,(M0)	0.878	0.57	5.365m	300
802.11ax HEW40_Nss 1,(M0)	0.781	1.07	2.713m	1k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	DOS [ver 6.1.7601]			

Note: The above information was declared by manufacturer.

1.1.5 Table for Component Source Information

Source	eMMC (Location: U9)
Main	Brand: SAMSUNG / Model: KLM8G1GETF-B041
Second	Brand: KIOXIA / Model: THGBMUG6C1LBAIL

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Information

The EUTs are identical to each other except for differences listed below:

EUT	eMMC (Location: U9)
1	Main source
2	Second source

Note 1: From above EUTs, EUT 1 was selected to test all the test items, and EUT 2 was selected to test Emissions in Restricted Frequency Bands < 1GHz.

Note 2: The above information was declared by manufacturer.

1.1.7 Table for EUT Function

Function	Support Type	Support Band
AP	Master	5GHz UNII 1
Station	Client without radar detection	2.4GHz, 5GHz UNII 1, 6GHz UNII 5-8

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH03-CB	Brian Sun	22.6~24.2 / 61~64	Dec. 04, 2024~ Dec. 12, 2024
Radiated < 1GHz (For EUT 1)	03CH04-CB	Gordon Hung	23.3~24.5 / 61~64	Jan. 03, 2025
			22.7~24.1 / 60~63	Jan. 15, 2025
Radiated < 1GHz (For EUT 2)	03CH05-CB	Gordon Hung	21.9~22.4 / 60~62	Jul. 15, 2025
Radiated > 1GHz	03CH06-CB	Black Lu	22.5~22.9 / 58~60	Nov. 27, 2024~ Dec. 11, 2024
AC Conduction	CO01-CB	Tim Chen	21~22 / 61~62	Nov. 20, 2024



1.4 Measurement Uncertainty

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

Test date: Before May 28, 2025

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%

Test date: After May 27, 2025

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.8 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.7 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11ax HEW20_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11ax HEW40_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2452MHz

Note:

- ♦ Evaluated HEW20 / HEW40 mode only, due to similar modulation. The power setting of HT20 / HT40 / VHT20 / VHT40 modes are the same or lower than HEW20 / HEW40.



2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	Normal Link
1	EUT 1 + Ant. Set 1_WLAN 2.4GHz + WLAN 5GHz + Bluetooth
2	EUT 1 + Ant. Set 1_WLAN 6GHz + WLAN 5GHz + Bluetooth
For operating, mode 1 is the worst case and it was recorded 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
Operating Mode	1 EUT 1 + Ant. Set 2

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	Normal Link
	The EUT was performed at X axis, Y axis and Z axis positions, and the worst case was found at Y axis. Thus, the measurement will follow this same test configuration.
1	EUT 1 in Y axis + Ant. Set 1_WLAN 2.4GHz + WLAN 5GHz + Bluetooth
2	EUT 1 in Y axis + Ant. Set 1_WLAN 6GHz + WLAN 5GHz + Bluetooth
3	EUT 1 in Y axis + Ant. Set 2_WLAN 2.4GHz + WLAN 5GHz + Bluetooth
4	EUT 1 in Y axis + Ant. Set 2_WLAN 6GHz + WLAN 5GHz + Bluetooth
5	EUT 1 in Y axis + Ant. Set 3_WLAN 2.4GHz + WLAN 5GHz + Bluetooth
6	EUT 1 in Y axis + Ant. Set 3_WLAN 6GHz + WLAN 5GHz + Bluetooth
Mode 2 has been evaluated to be the worst case among Mode 1~6, so the measurement for Mode 7 will follow this same test mode.	
7	EUT 2 in Y axis + Ant. Set 1_WLAN 6GHz + WLAN 5GHz + Bluetooth
For operating, mode 2 is the worst case and it was recorded in this test report.	



Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis positions, and the worst cases were found at Z axis for bandedge and at Y axis for harmonic. Thus, the measurement will follow these same test configurations.
1	EUT 1 in Z axis + Ant. Set 2 (Bandedge) EUT 1 in Y axis + Ant. Set 2 (Harmonic)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + Bluetooth
2	WLAN 6GHz + WLAN 5GHz + Bluetooth
Refer to Sporton Test Report No.: FA4O2328 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

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Fixture	MASIMO	AIOS9 test jig	N/A
B	Console NB	DELL	E6430	N/A
C	Device	Swisscom	IP1800	N/A
D	4K TV	PHILIPS	288E2A/96	N/A
E	Router	LINKSYS	MR7500	K7S-03689
F	Router NB	Lenovo	X260	N/A
G	BT Speaker	MI	XMYX02YM	2AJ7PXMYY02YM
H	Flash disk3.0	Transcend	JetFlash-703	N/A
I	Earphone	SHYARO CHI	MIC-04	N/A
J	Mouse	HP	FM100	N/A

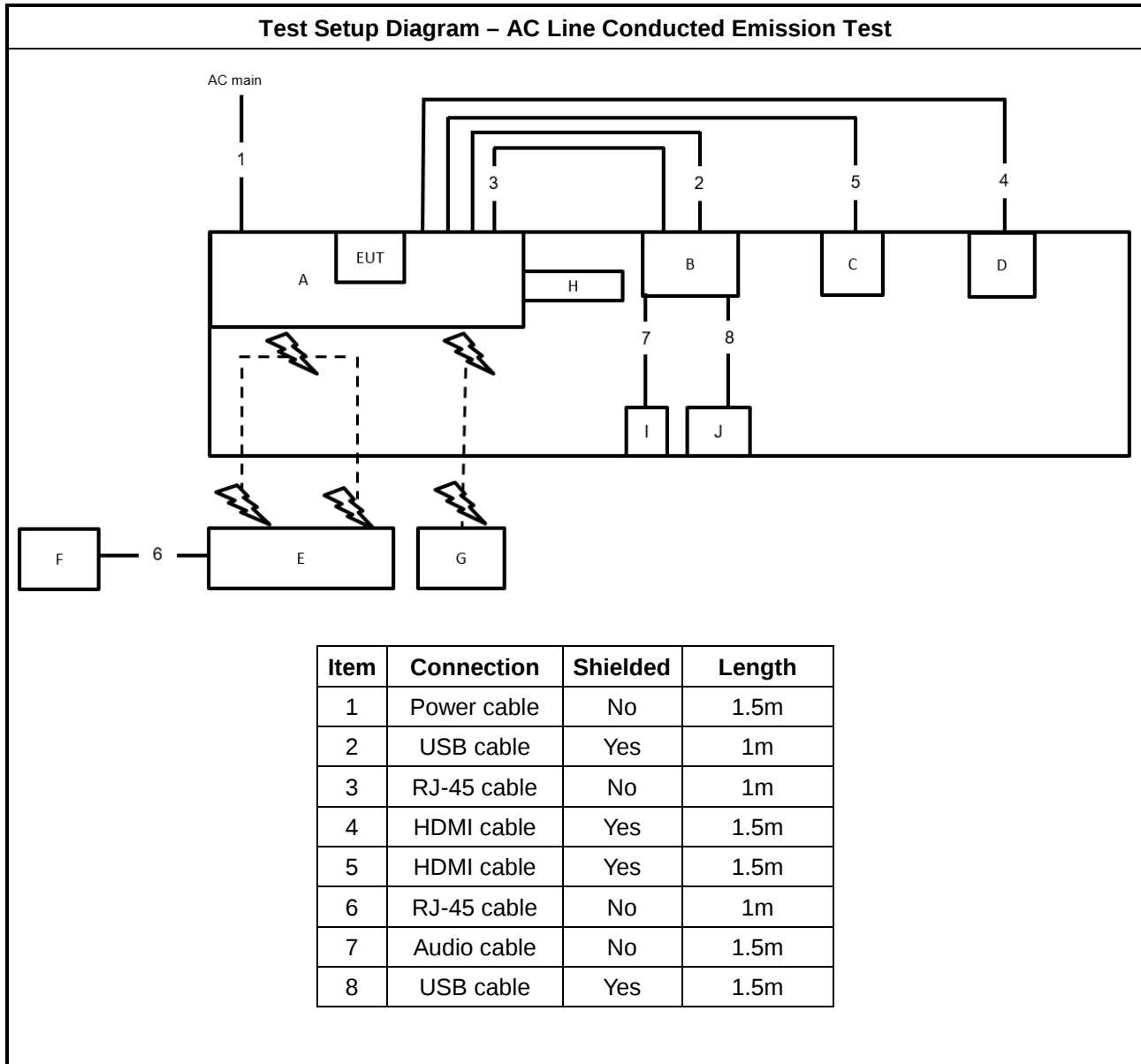
**For Radiated < 1GHz:**

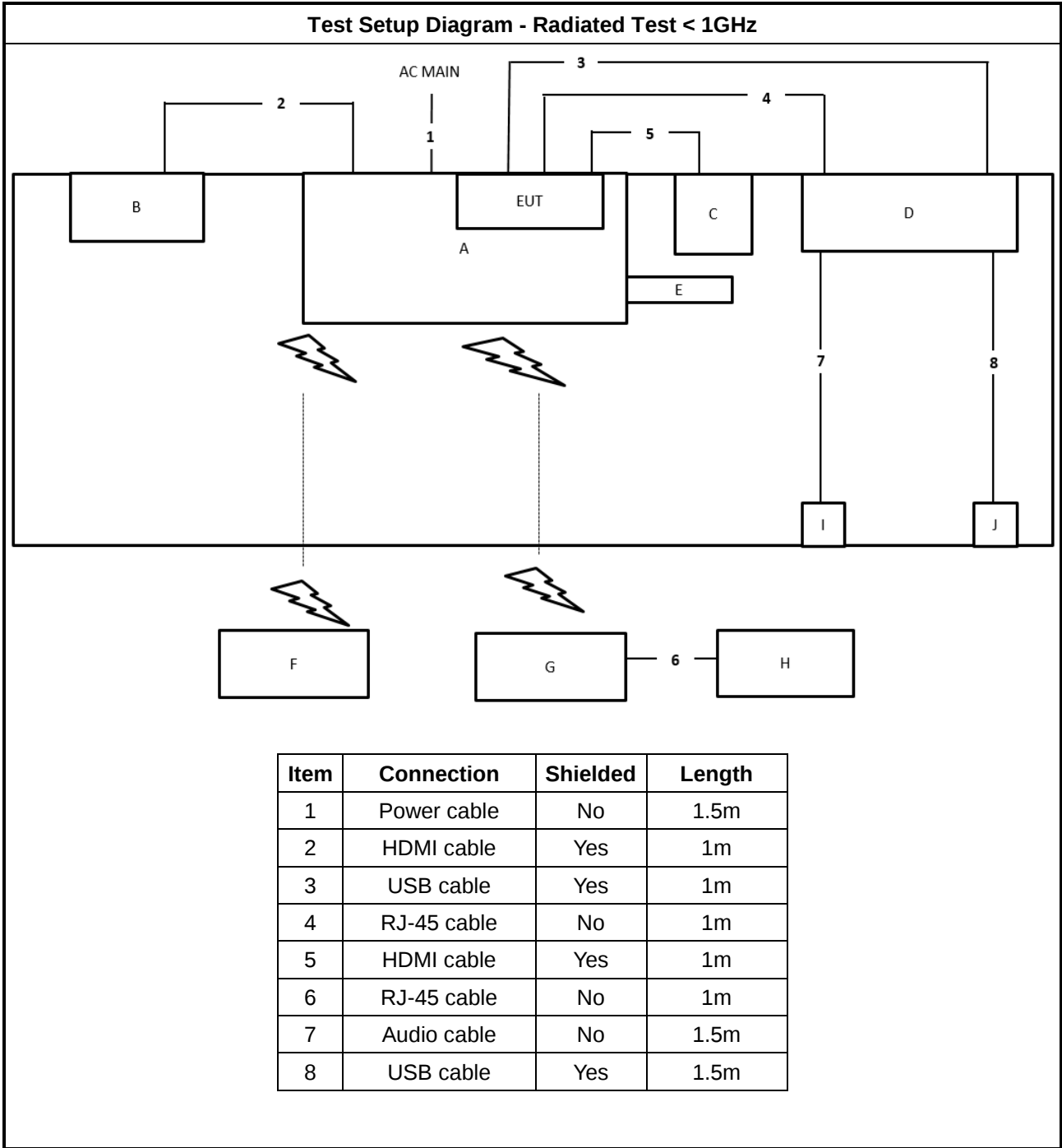
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Fixture	MASIMO	AIOS9 test jig	N/A
B	4K TV	PHILIPS	288E2A/96	N/A
C	Device	Swisscom	IP1800	N/A
D	Console NB	DELL	E6230	N/A
E	Flash disk3.0	Silicon Power	B06	N/A
F	BT Speaker	BSOPI	S8	N/A
G	AP Router	LINKSYS	MR7500	N/A
H	NB	DELL	E4300	N/A
I	Earphone	SHYARO CHI	MIC-04	N/A
J	Mouse	Logitech	M-U0026	N/A

For Radiated > 1GHz and RF Conducted:

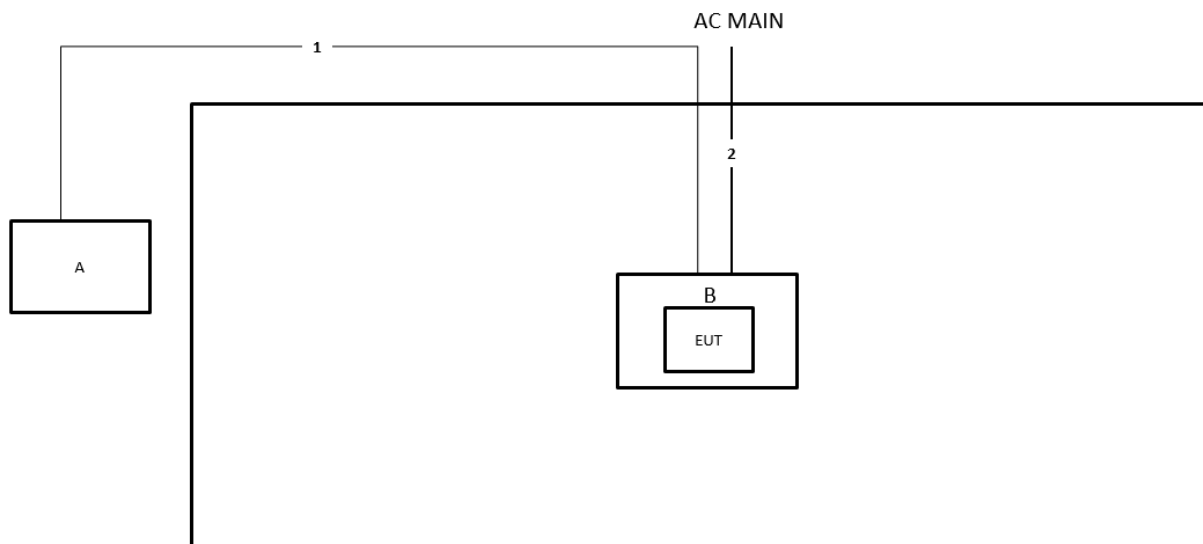
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Fixture	MASIMO	AIOS9 test jig	N/A

2.6 Test Setup Diagram





Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	1.2m



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.		

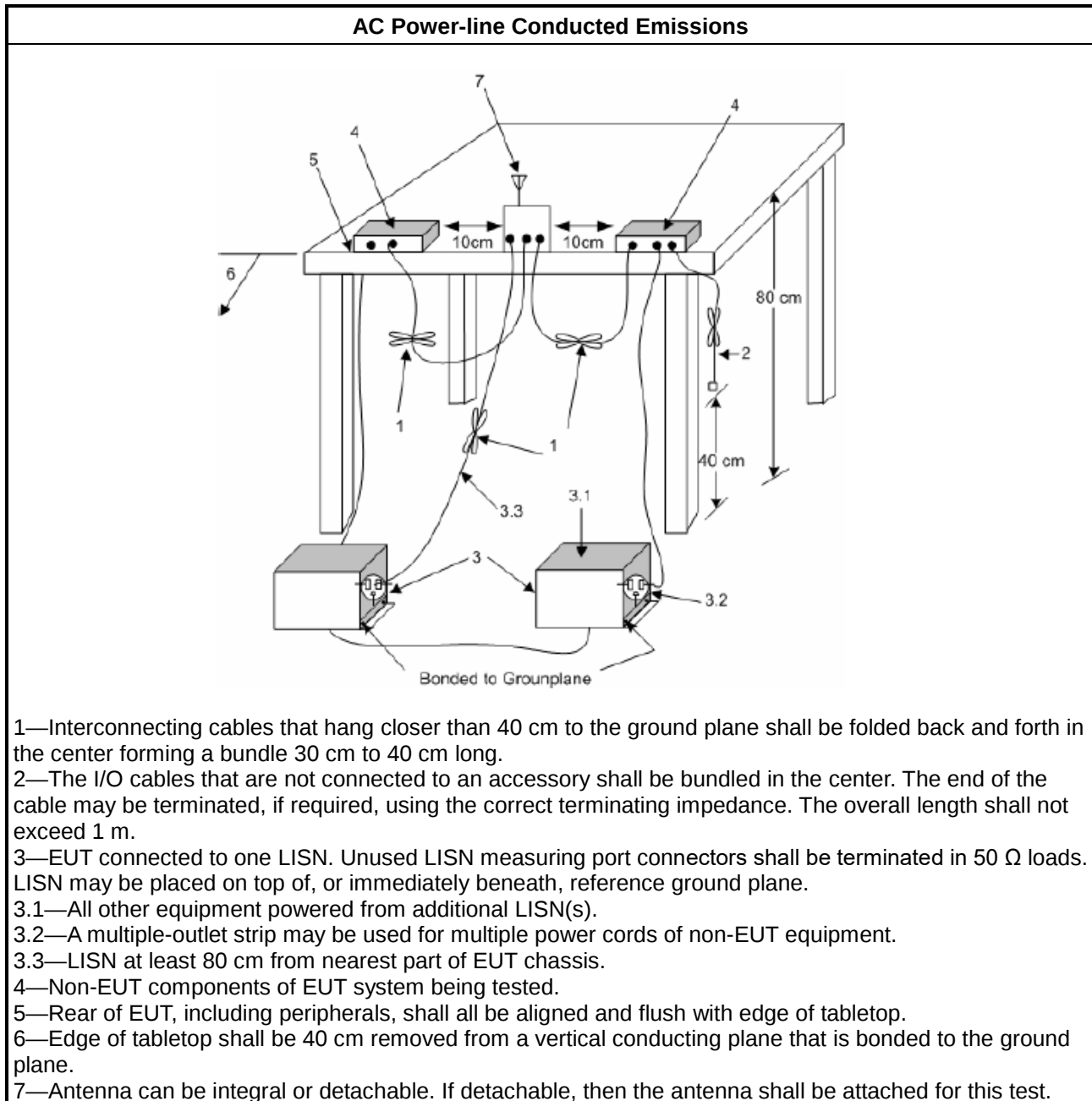
3.1.2 Measuring Instruments

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.

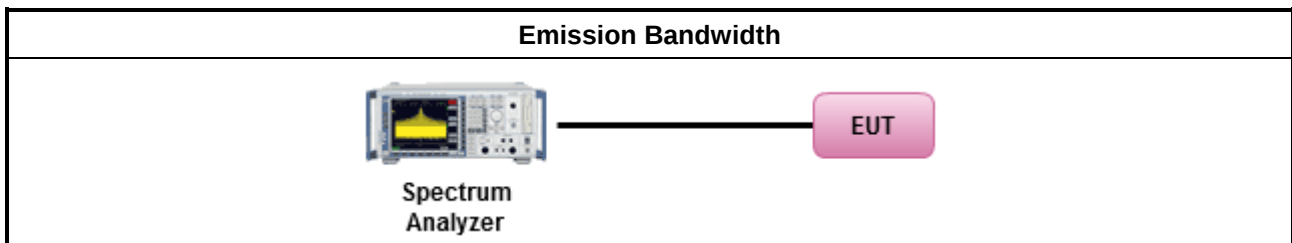
3.2.2 Measuring Instruments

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 $\geq$ 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 $\geq$ 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:

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

$$\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$$

3.3.4 Test Setup

Maximum Conducted Output Power (Power Meter)



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

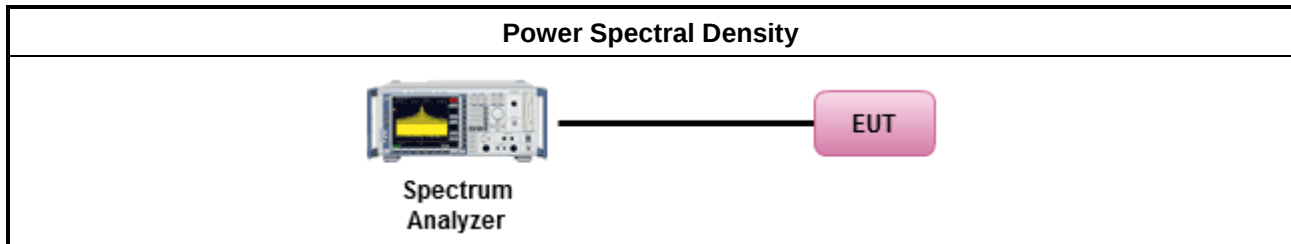
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



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.	

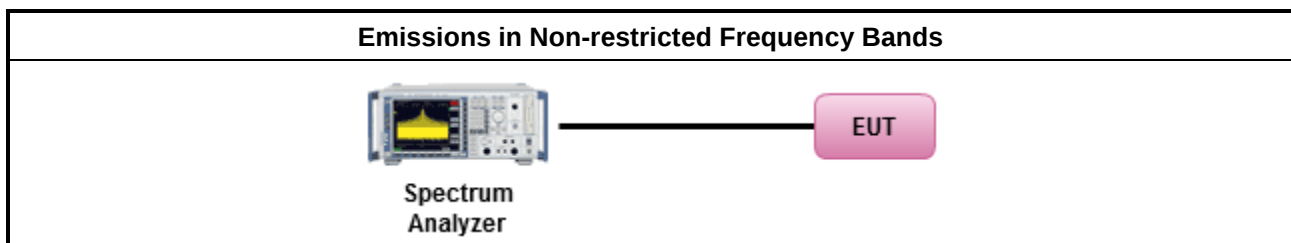
3.5.2 Measuring Instruments

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

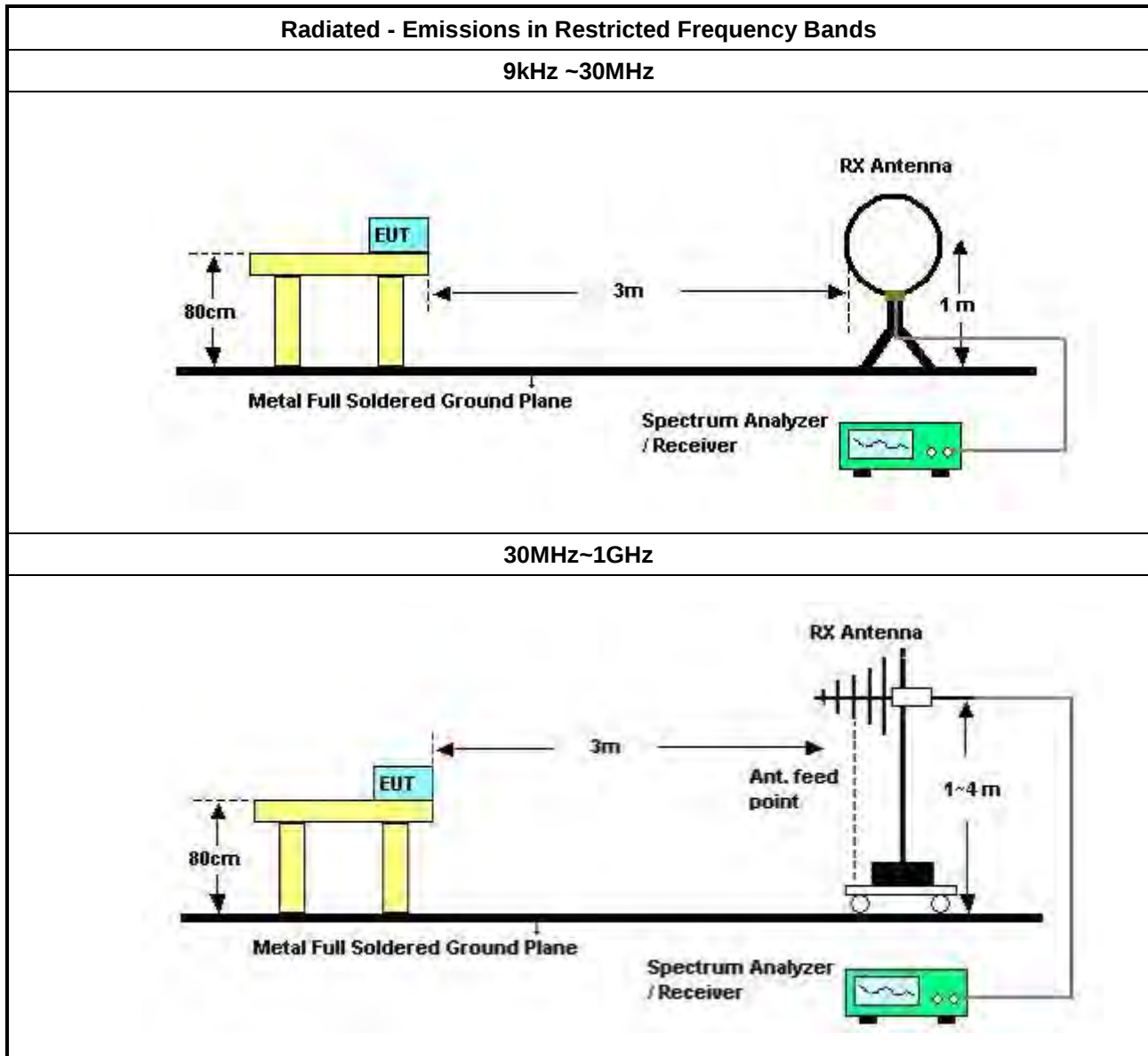
Refer a test equipment and calibration data table in this test report.

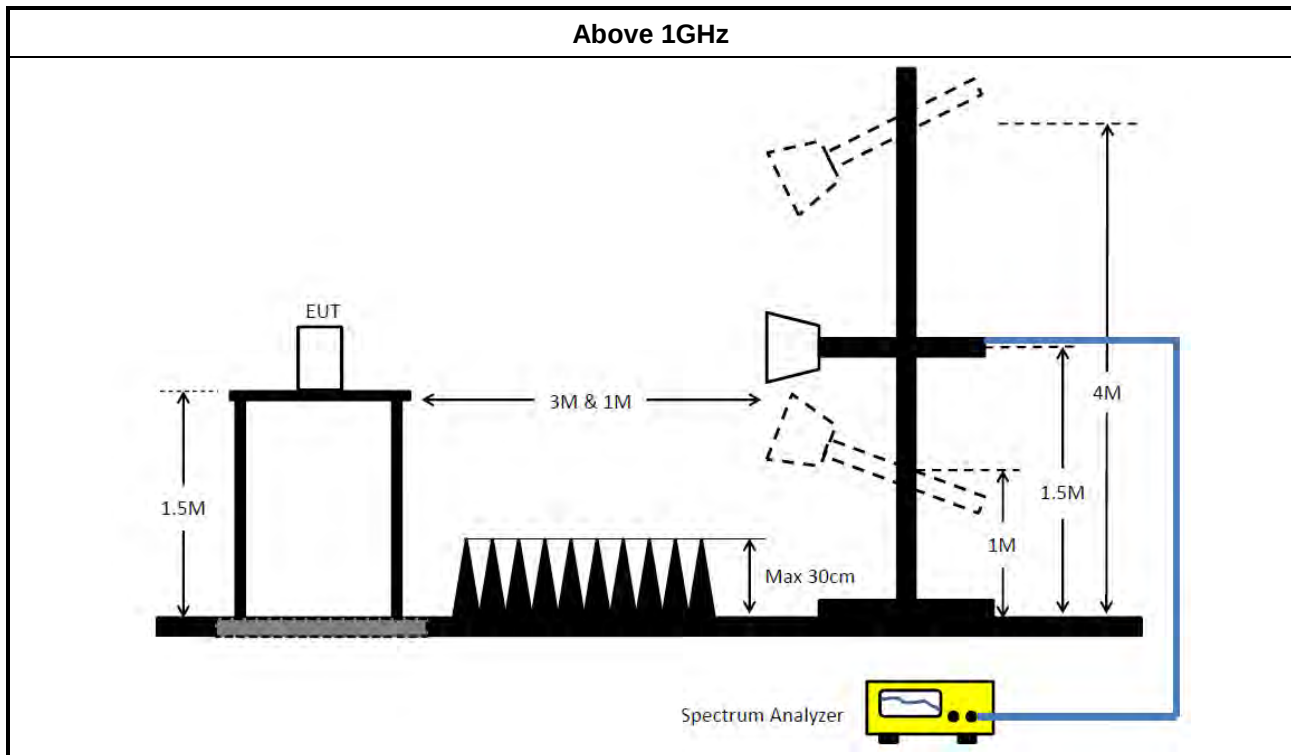


3.6.3 Test Procedures

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 (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30MHz ~ 1GHz	Jul. 31, 2024	Jul. 30, 2025	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCi	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 05, 2024	Oct. 04, 2025	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz – 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 01, 2024	Jul. 31, 2025	Radiation (03CH05-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Bilog Antenna with 6dB Attenuator	TESEQ & EMCi	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 22, 2025	Mar. 21, 2026	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2025	Apr. 30, 2026	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 21, 2025	Apr. 20, 2026	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)
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	03CH06-CB	1GHz ~18GHz 3m	Oct. 08, 2024	Oct. 07, 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	EMCI	EMC12630SE	980383	1GHz ~ 18GHz	Jul. 31, 2024	Jul. 30, 2025	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)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.18	2.4GHz-2.4835GHz	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Dec. 22, 2023	Dec. 21, 2024	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 06, 2024	Sep. 05, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-11	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable	Woken	RG402	High Cable-12	30MHz ~18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)

**RADIO TEST REPORT****Report No. : FR4O2328AA**

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable	Woken	RG402	High Cable-13	30MHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1~18GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH03-CB)
Test Software	SPORTON	SENSE-15247 _DTS	V5.11.18	2.4GHz- 2.4835GHz	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

NCR means Non-Calibration required.



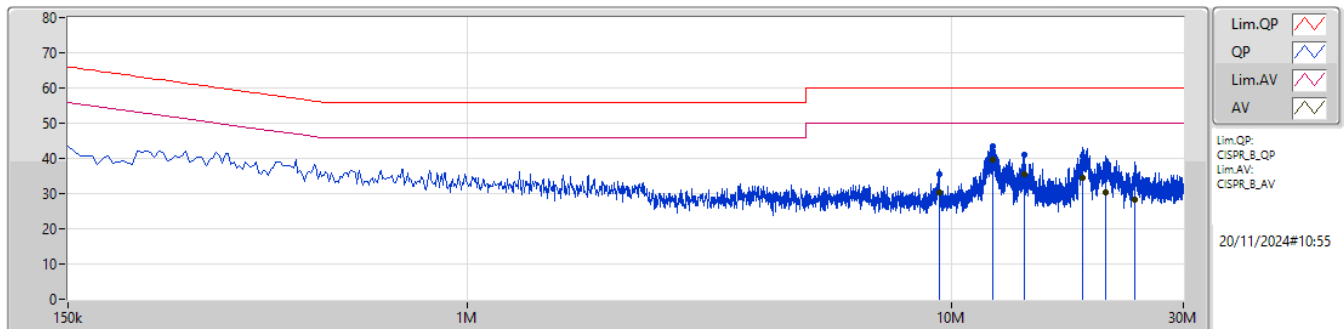
Conducted Emissions at Powerline

Appendix A

Summary

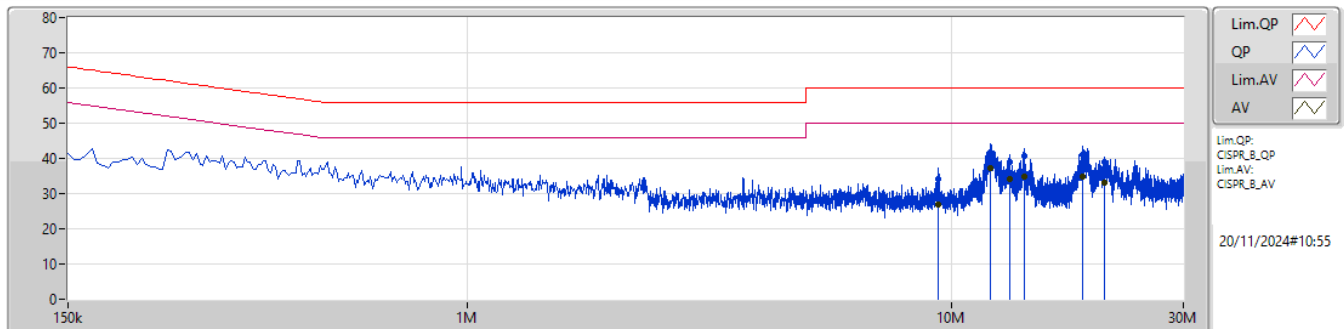
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	12.12M	39.76	50.00	-10.24	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	9.402M	35.39	60.00	-24.61	10.20	Line	-	25.19	0.22	0.15	9.83						
AV	9.402M	30.42	50.00	-19.58	10.20	Line	-	20.22	0.22	0.15	9.83						
QP	12.12M	43.34	60.00	-16.66	10.30	Line	-	33.04	0.25	0.18	9.87						
AV	12.12M	39.76	50.00	-10.24	10.30	Line	"Worst"	29.46	0.25	0.18	9.87						
QP	14.078M	41.03	60.00	-18.97	10.38	Line	-	30.65	0.27	0.21	9.90						
AV	14.078M	35.51	50.00	-14.49	10.38	Line	-	25.13	0.27	0.21	9.90						
QP	18.564M	40.63	60.00	-19.37	10.53	Line	-	30.10	0.30	0.30	9.93						
AV	18.564M	34.42	50.00	-15.58	10.53	Line	-	23.89	0.30	0.30	9.93						
QP	20.765M	36.27	60.00	-23.73	10.58	Line	-	25.69	0.31	0.33	9.94						
AV	20.765M	30.34	50.00	-19.66	10.58	Line	-	19.76	0.31	0.33	9.94						
QP	23.852M	34.33	60.00	-25.67	10.59	Line	-	23.74	0.33	0.31	9.95						
AV	23.852M	28.23	50.00	-21.77	10.59	Line	-	17.64	0.33	0.31	9.95						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	9.384M	34.18	60.00	-25.82	10.21	Neutral	-	23.97	0.23	0.15	9.83						
AV	9.384M	26.86	50.00	-23.14	10.21	Neutral	-	16.65	0.23	0.15	9.83						
QP	12.003M	41.82	60.00	-18.18	10.30	Neutral	-	31.52	0.26	0.18	9.86						
AV	12.003M	37.41	50.00	-12.59	10.30	Neutral	"Worst"	27.11	0.26	0.18	9.86						
QP	13.119M	39.02	60.00	-20.98	10.35	Neutral	-	28.67	0.26	0.20	9.89						
AV	13.119M	34.13	50.00	-15.87	10.35	Neutral	-	23.78	0.26	0.20	9.89						
QP	14.078M	40.60	60.00	-19.40	10.38	Neutral	-	30.22	0.27	0.21	9.90						
AV	14.078M	34.83	50.00	-15.17	10.38	Neutral	-	24.45	0.27	0.21	9.90						
QP	18.564M	40.87	60.00	-19.13	10.52	Neutral	-	30.35	0.29	0.30	9.93						
AV	18.564M	34.68	50.00	-15.32	10.52	Neutral	-	24.16	0.29	0.30	9.93						
QP	20.639M	38.90	60.00	-21.10	10.58	Neutral	-	28.32	0.31	0.33	9.94						
AV	20.639M	32.98	50.00	-17.02	10.58	Neutral	-	22.40	0.31	0.33	9.94						

Summary

Mode	Max-N dB	Max-OBW	ITU-Code	Min-N dB	Min-OBW
	(Hz)	(Hz)		(Hz)	(Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	9.6M	14.957M	15M0G1D	7.475M	12.668M
802.11g_Nss1,(6Mbps)_2TX	16.375M	16.809M	16M8D1D	13.825M	16.255M
802.11ax HEW20_Nss1,(MCS0)_2TX	19.025M	19.128M	19M1D1D	18.525M	18.859M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.95M	37.77M	37M8D1D	32.6M	37.357M

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

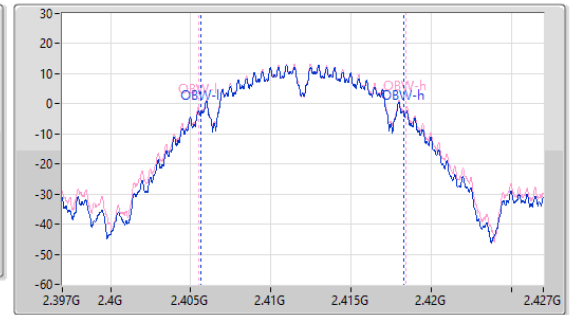
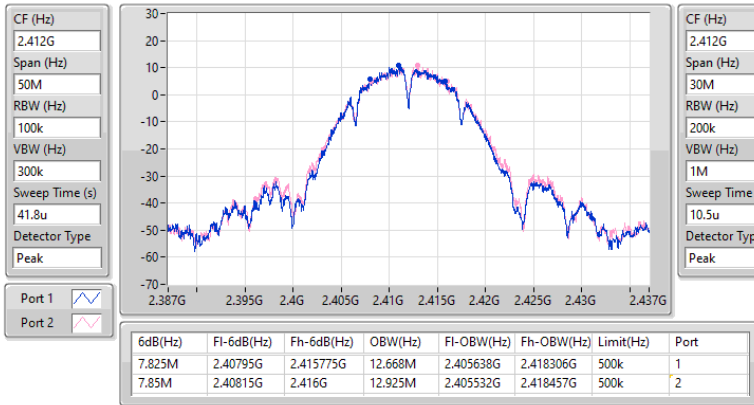
Result

Mode	Result	Limit	Port 1-N dB	Port 1-OBW	Port 2-N dB	Port 2-OBW
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.825M	12.668M	7.85M	12.925M
2437MHz	Pass	500k	9.3M	14.555M	9.6M	14.957M
2462MHz	Pass	500k	7.475M	12.759M	8.25M	12.934M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.255M	16.35M	16.353M
2437MHz	Pass	500k	13.825M	16.809M	16.375M	16.548M
2462MHz	Pass	500k	16.05M	16.438M	16.375M	16.7M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.975M	18.862M	18.525M	18.859M
2437MHz	Pass	500k	19.025M	18.977M	18.75M	19.128M
2462MHz	Pass	500k	19.025M	18.862M	18.975M	18.877M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.6M	37.415M	37.5M	37.77M
2437MHz	Pass	500k	37.6M	37.507M	36.15M	37.699M
2452MHz	Pass	500k	37.95M	37.6M	32.6M	37.357M

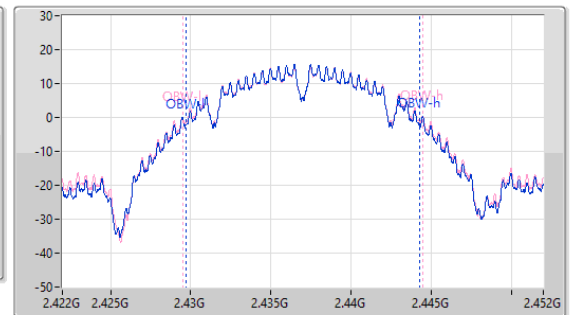
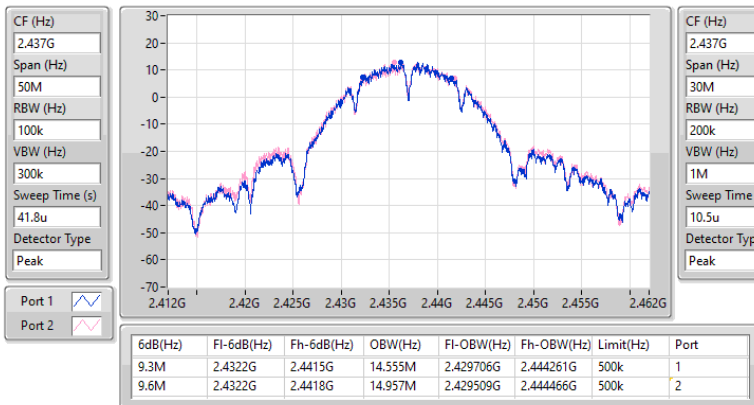
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

04/12/2024


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

04/12/2024

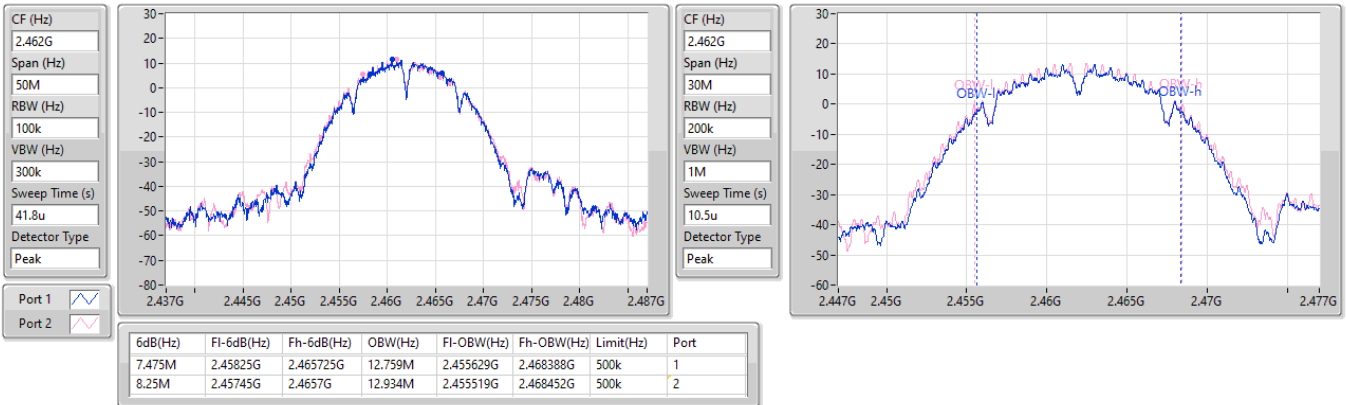


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

04/12/2024

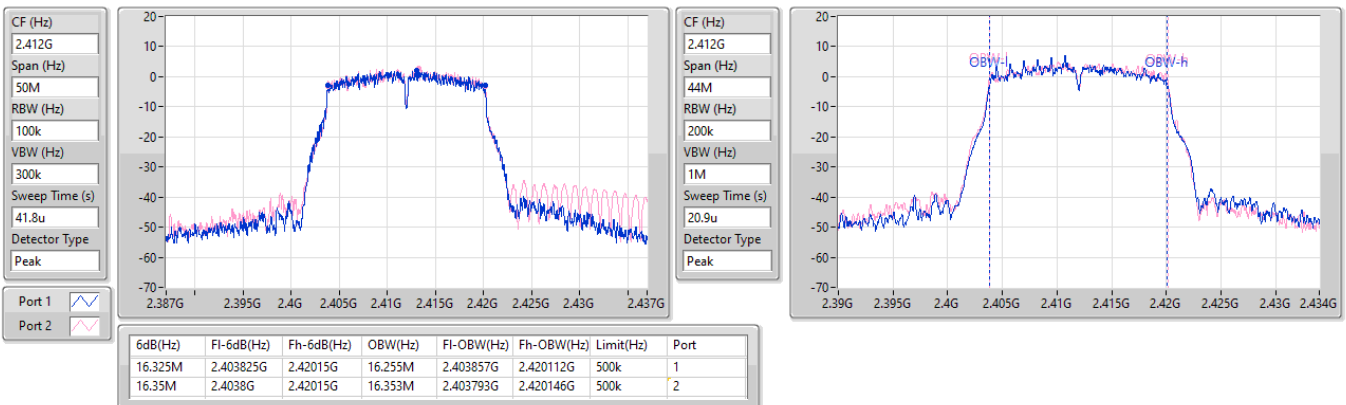


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

04/12/2024

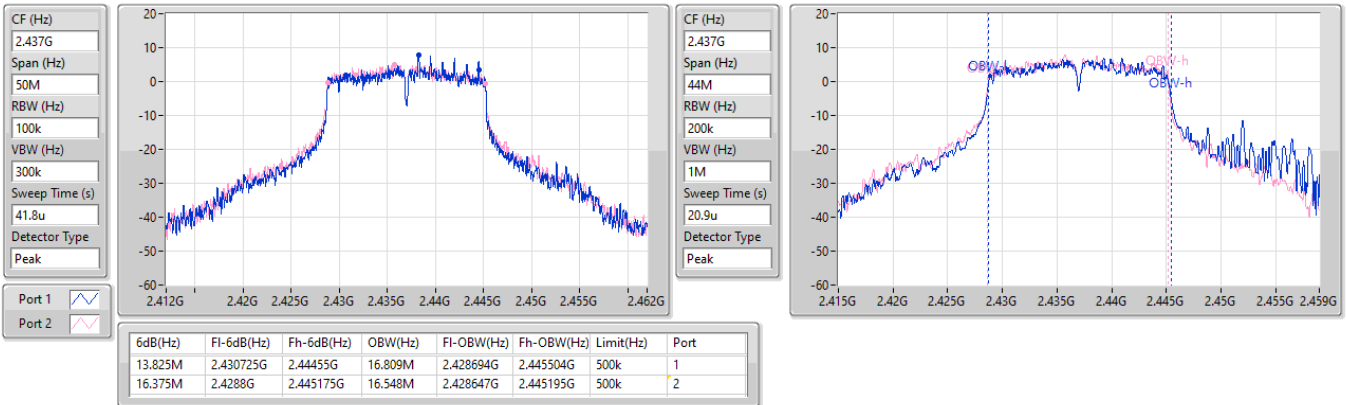


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

04/12/2024

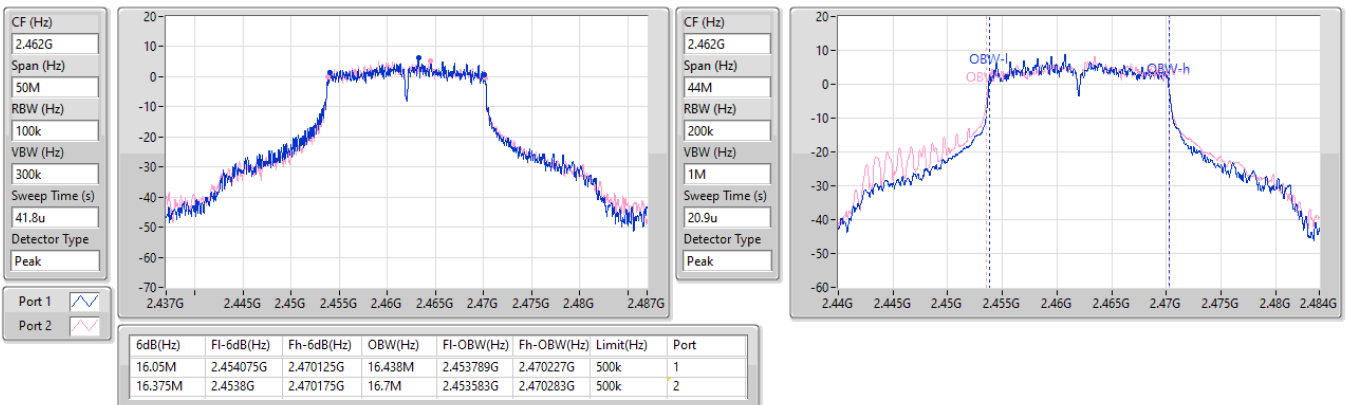


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

04/12/2024

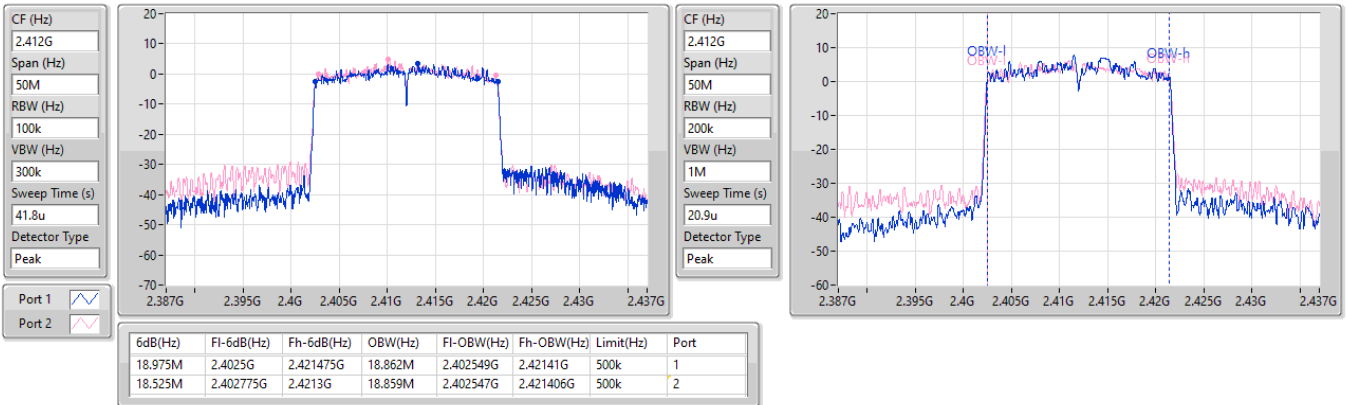


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2412MHz

04/12/2024

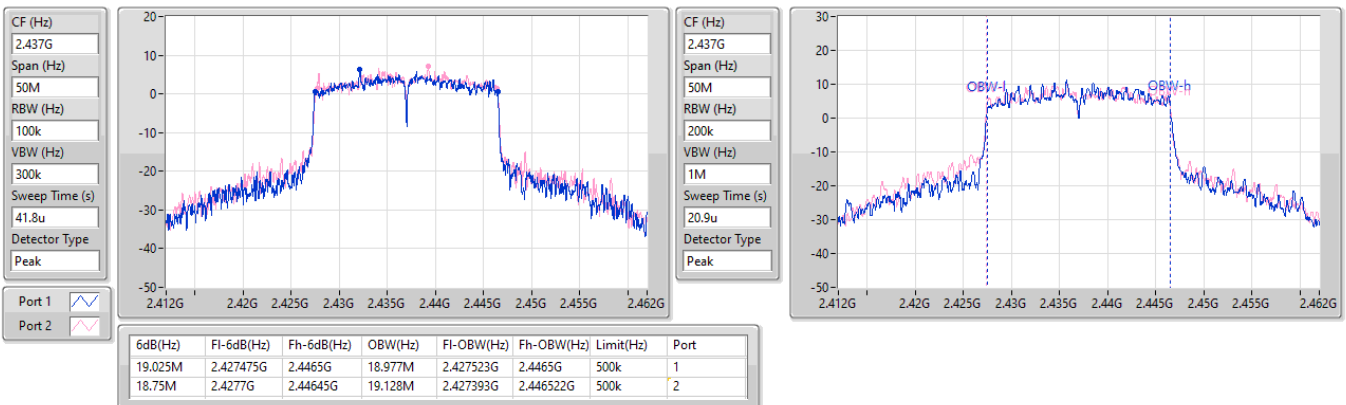


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2437MHz

04/12/2024

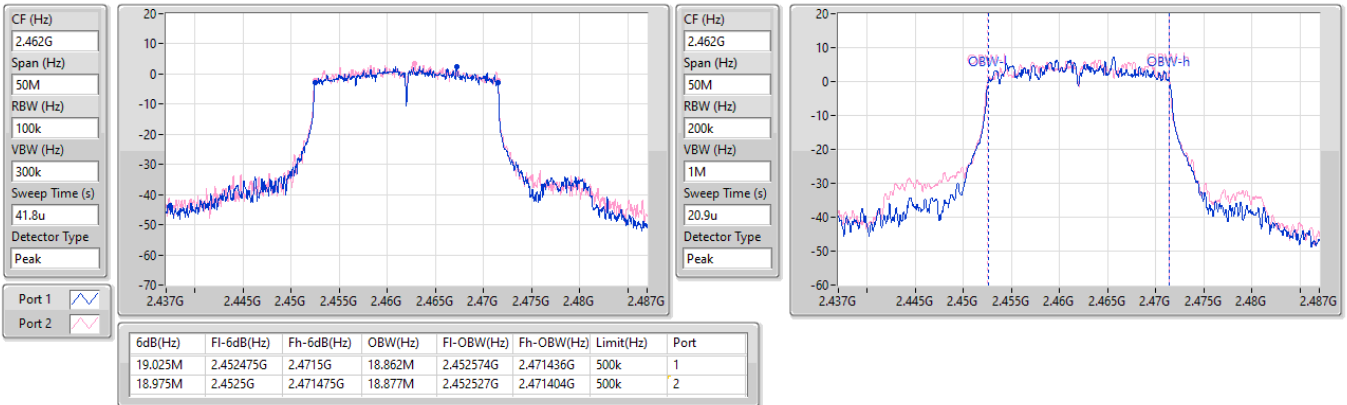


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

2462MHz

04/12/2024

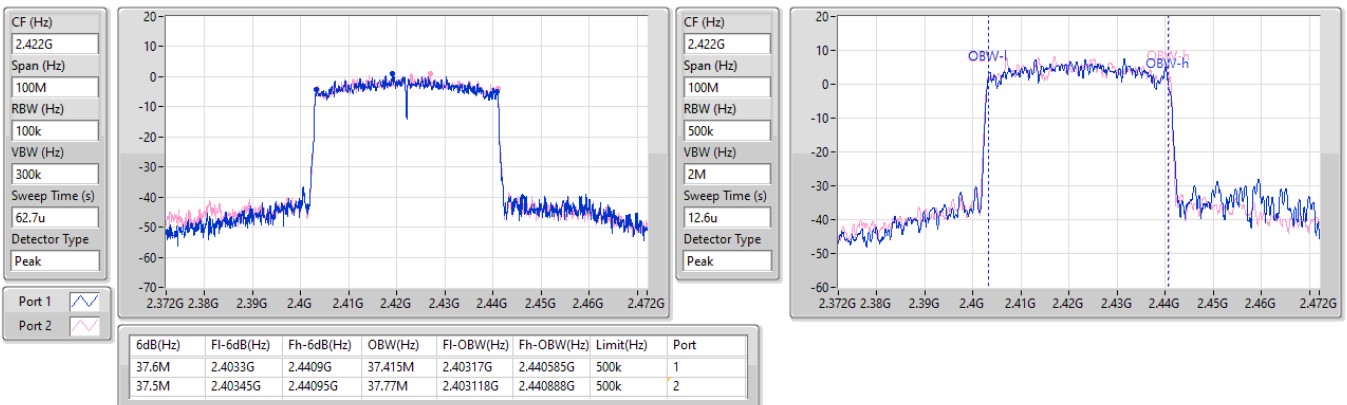


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2422MHz

04/12/2024

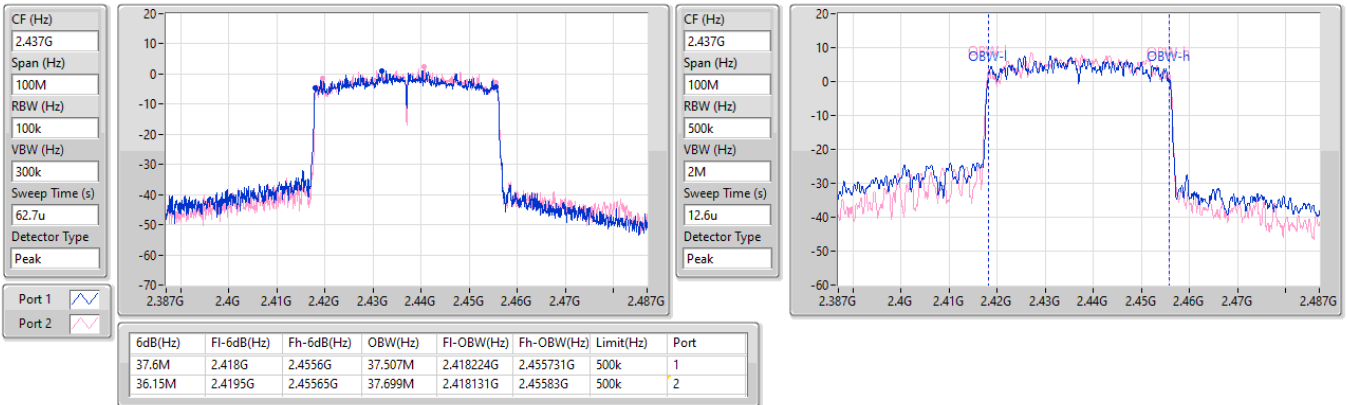


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2437MHz

04/12/2024

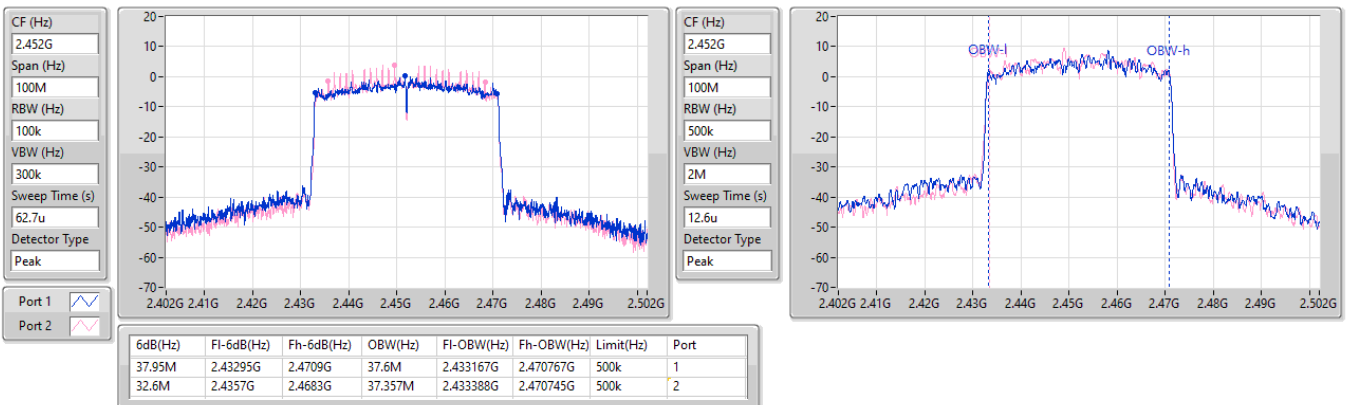


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

2452MHz

04/12/2024





Average Power

Appendix C

Summary

Mode	Total Power	Total Power
	(dBm)	(W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	26.77	0.47534
802.11g_Nss1,(6Mbps)_2TX	21.75	0.14962
802.11ax HEW20_Nss1,(MCS0)_2TX	24.08	0.25586
802.11ax HEW40_Nss1,(MCS0)_2TX	20.99	0.12560

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	20.78	21.20	24.01	30.00
2417MHz	Pass	2.00	22.78	22.75	25.78	30.00
2437MHz	Pass	2.00	23.67	23.85	26.77	30.00
2457MHz	Pass	2.00	22.35	22.55	25.46	30.00
2462MHz	Pass	2.00	21.36	21.62	24.50	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	16.08	16.40	19.25	30.00
2437MHz	Pass	2.00	18.54	18.94	21.75	30.00
2462MHz	Pass	2.00	18.27	18.68	21.49	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	2.00	18.05	18.60	21.34	30.00
2417MHz	Pass	2.00	18.15	18.47	21.32	30.00
2437MHz	Pass	2.00	20.95	21.18	24.08	30.00
2457MHz	Pass	2.00	17.64	18.09	20.88	30.00
2462MHz	Pass	2.00	17.69	18.33	21.03	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	2.00	17.21	17.59	20.41	30.00
2437MHz	Pass	2.00	17.78	18.18	20.99	30.00
2452MHz	Pass	2.00	16.82	17.25	20.05	30.00

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

Summary

Mode	PD
	(dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	-1.14
802.11g_Nss1,(6Mbps)_2TX	-6.66
802.11ax HEW20_Nss1,(MCS0)_2TX	-4.21
802.11ax HEW40_Nss1,(MCS0)_2TX	-9.66

RBW = 3kHz;

Result

Mode	Result	DG	Port 1	Port 2	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.91	-8.91	-4.36	-3.06	8.00
2437MHz	Pass	4.91	-6.31	-2.64	-1.14	8.00
2462MHz	Pass	4.91	-8.23	-4.24	-3.04	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.91	-10.59	-11.36	-8.84	8.00
2437MHz	Pass	4.91	-7.51	-8.86	-6.69	8.00
2462MHz	Pass	4.91	-8.90	-9.45	-6.66	8.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.91	-9.27	-8.61	-7.12	8.00
2437MHz	Pass	4.91	-5.85	-6.23	-4.21	8.00
2462MHz	Pass	4.91	-9.38	-9.39	-7.93	8.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.91	-11.92	-11.14	-9.66	8.00
2437MHz	Pass	4.91	-11.80	-10.91	-10.03	8.00
2452MHz	Pass	4.91	-12.83	-11.72	-10.94	8.00

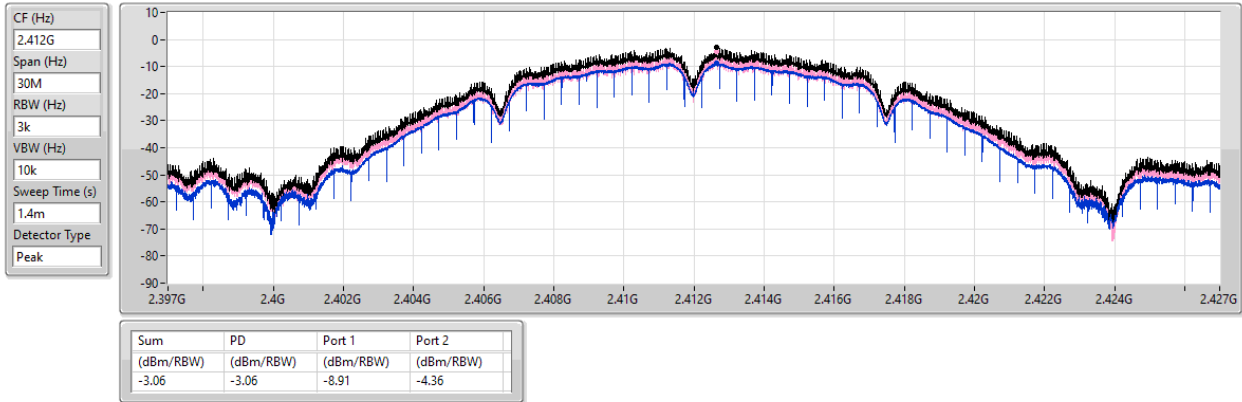
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

04/12/2024

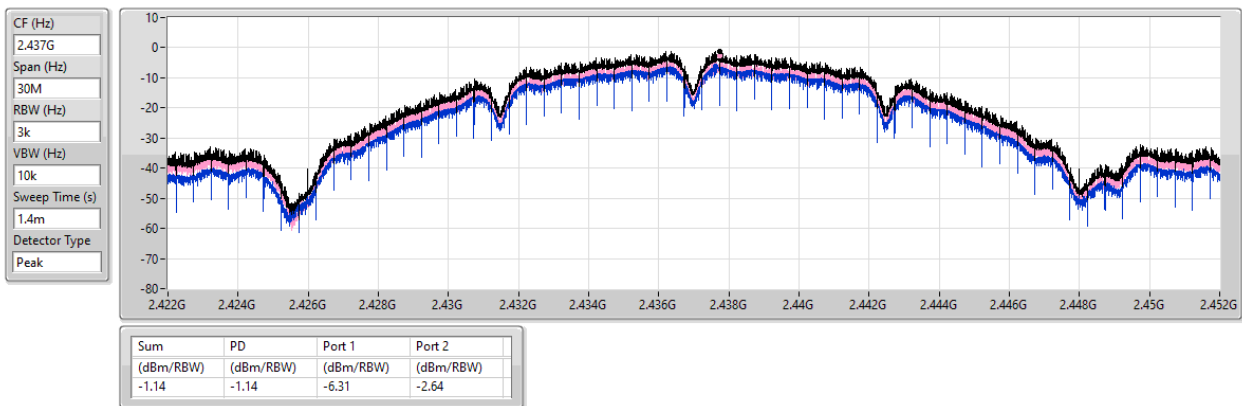


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

04/12/2024



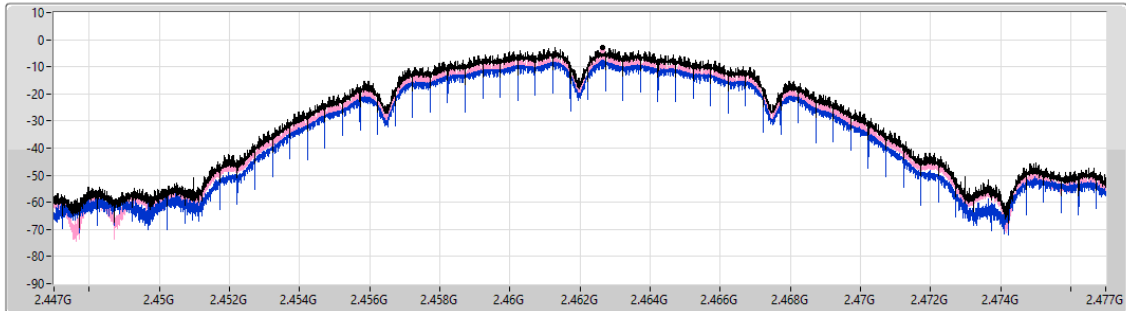
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

04/12/2024

CF (Hz)
2.462G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
1.4m
Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.04	-3.04	-8.23	-4.24

Sum
Port 1
Port 2

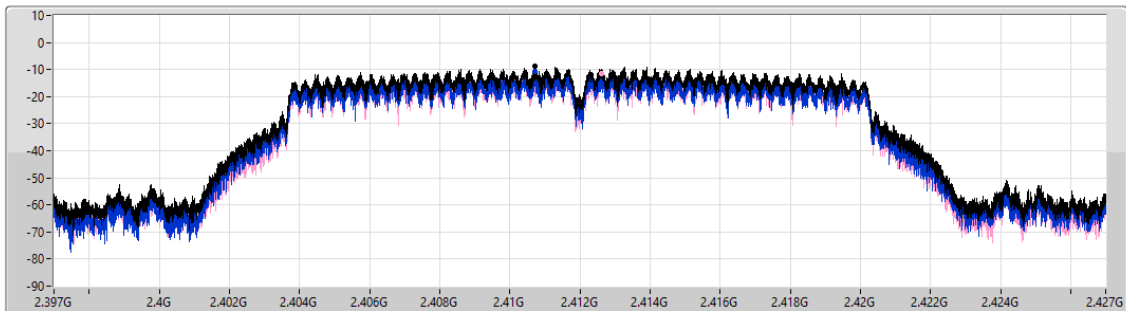
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2412MHz

04/12/2024

CF (Hz)
2.412G
Span (Hz)
30M
RBW (Hz)
3k
VBW (Hz)
10k
Sweep Time (s)
1.4m
Detector Type
Peak



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.84	-8.84	-10.59	-11.36

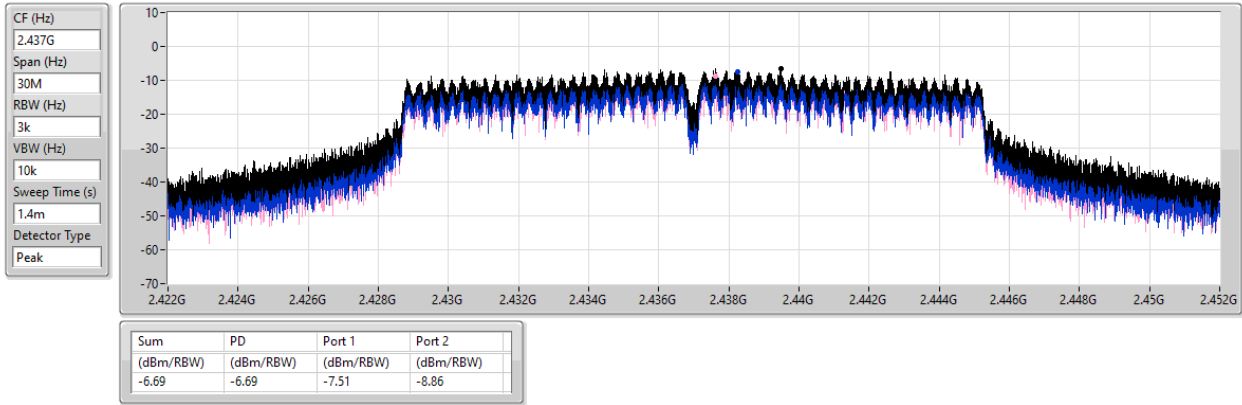
Sum
Port 1
Port 2

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

PSD

2437MHz

04/12/2024

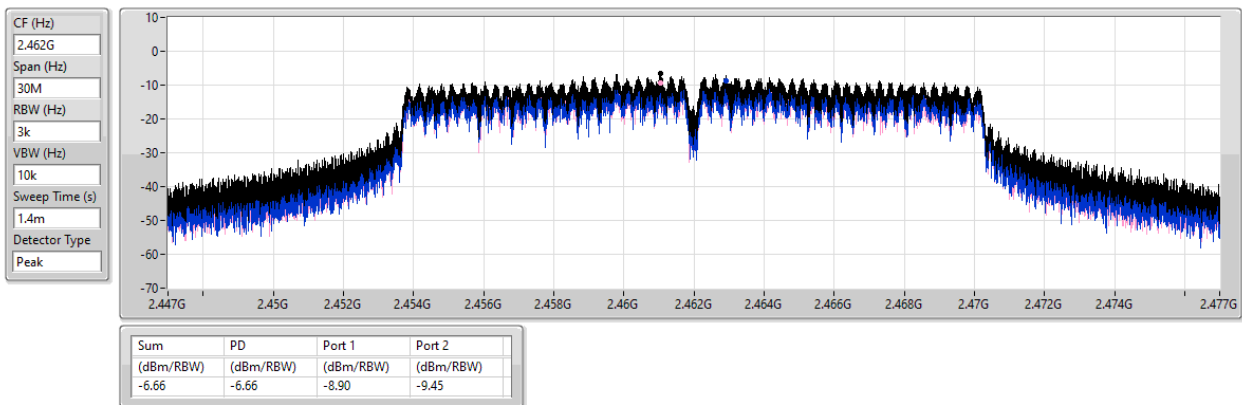


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

04/12/2024

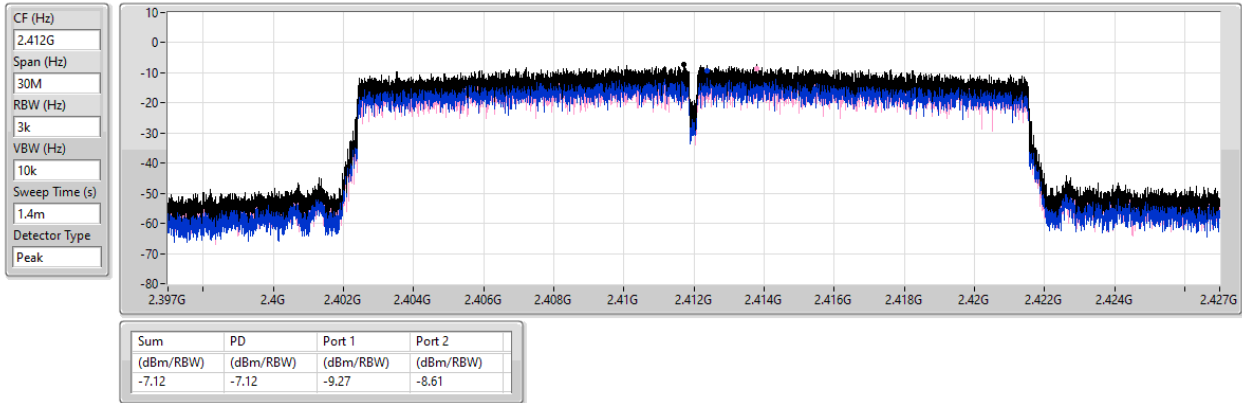


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2412MHz

04/12/2024

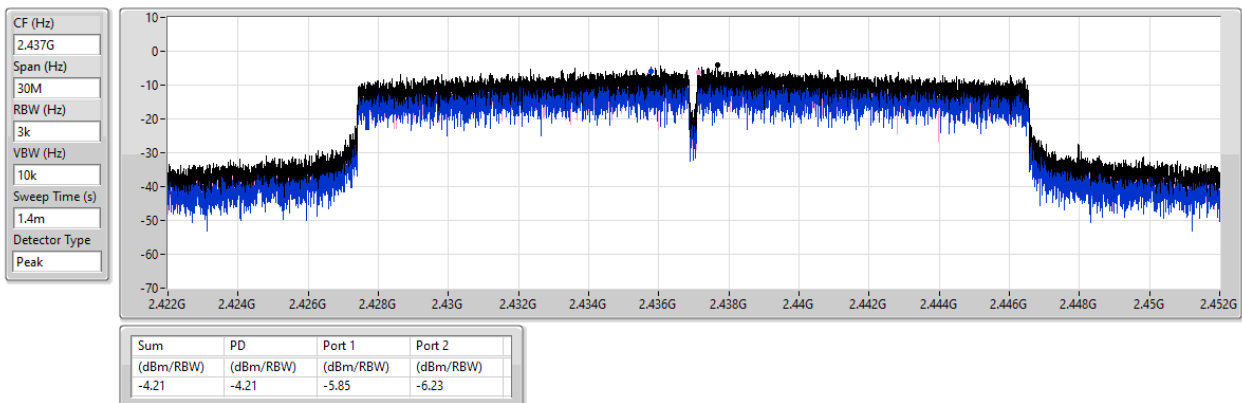


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2437MHz

04/12/2024

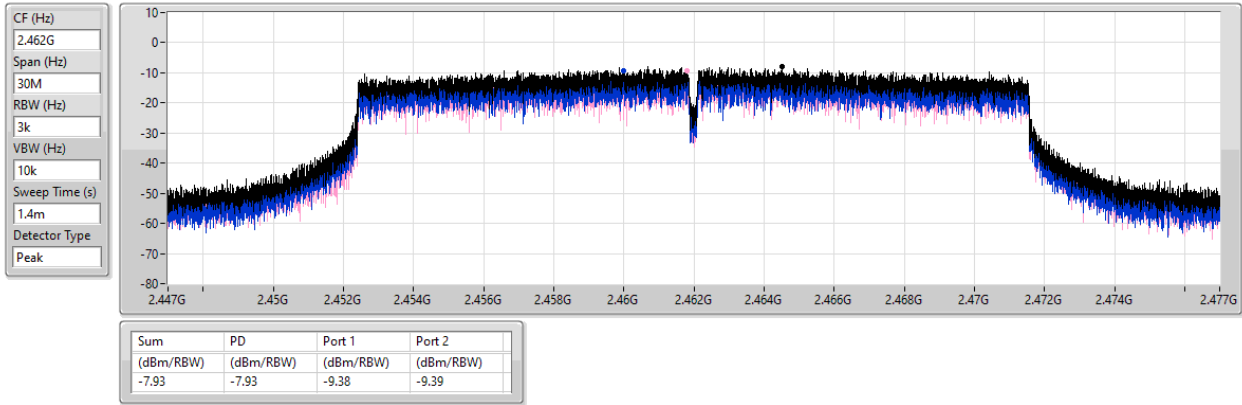


2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

2462MHz

04/12/2024

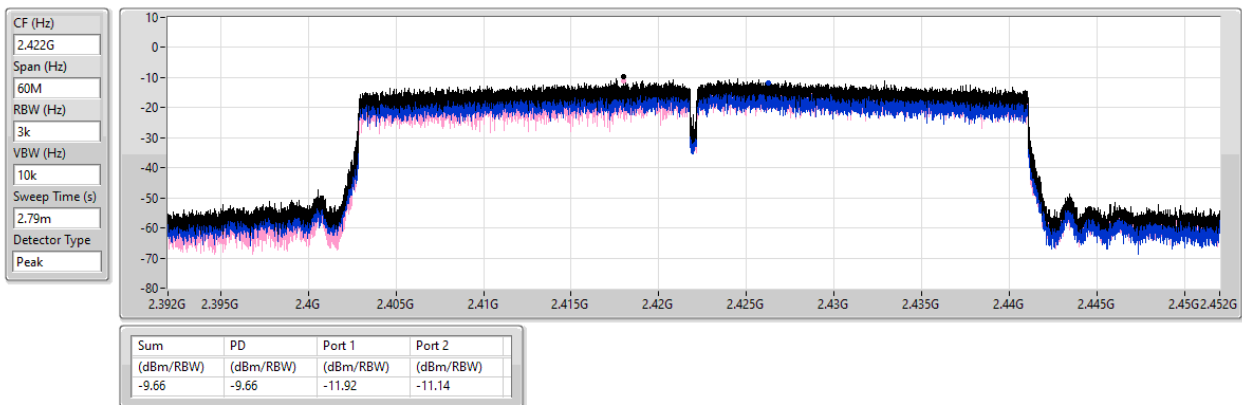


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2422MHz

04/12/2024

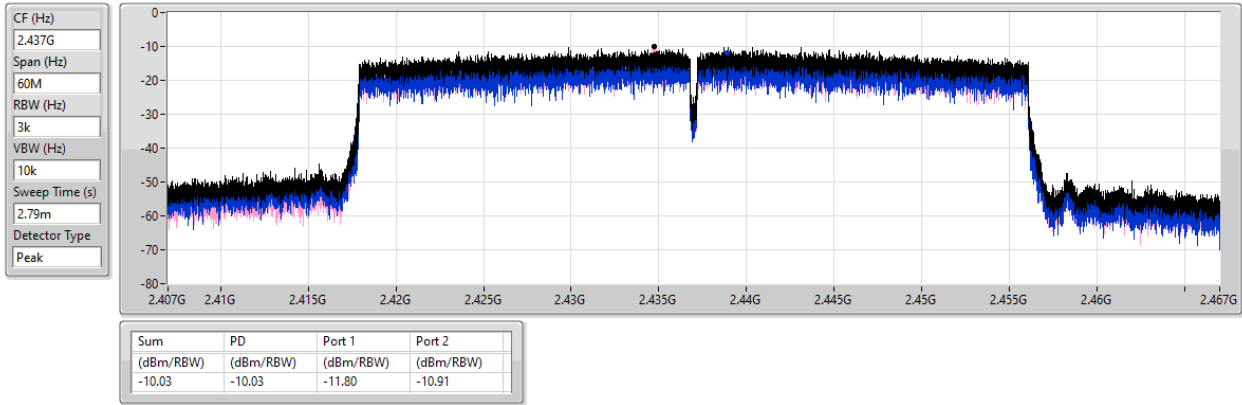


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2437MHz

04/12/2024

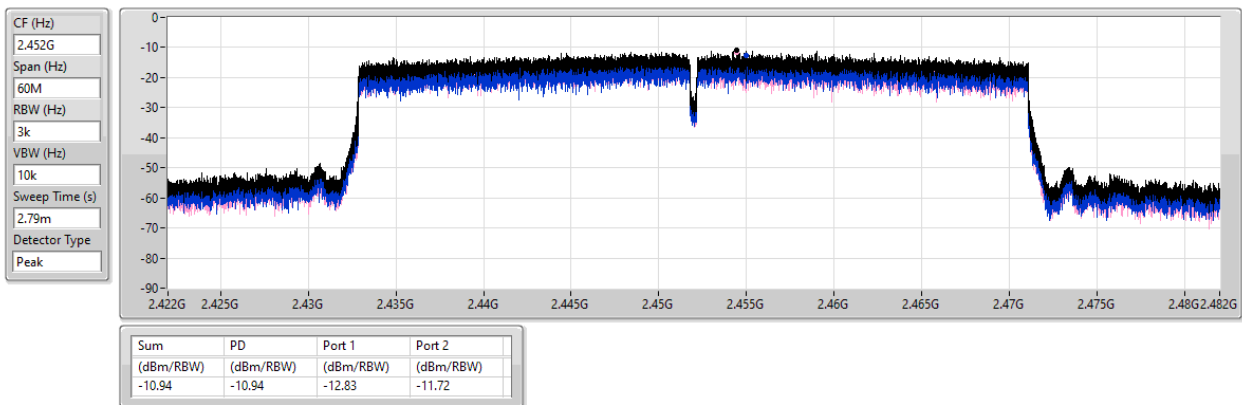


2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

2452MHz

04/12/2024





Summary

Mode	Result	Ref	Ref	Limit	Freq	Level	Freq	Level	Freq	Level	Freq	Level	Freq	Level	Port
		(Hz)	(dBm)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1(1Mbps)_2TX	Pass	2.43741G	14.20	-15.80	2.17477G	-54.02	2.39832G	-28.90	2.4G	-41.99	2.51702G	-51.37	21.61448G	-44.72	2
802.11g_Nss1(6Mbps)_2TX	Pass	2.43824G	8.29	-21.71	2.30874G	-53.40	2.3916G	-36.04	2.4G	-39.59	2.50006G	-48.69	21.651G	-44.76	2
802.11ax HEW20_Nss1(MCS0)_2TX	Pass	2.43824G	10.36	-19.64	2.30641G	-53.20	2.39552G	-28.52	2.4G	-29.82	2.50086G	-50.31	21.54705G	-44.15	2
802.11ax HEW40_Nss1(MCS0)_2TX	Pass	2.4344G	4.48	-25.52	2.3097G	-51.36	2.39776G	-32.04	2.4G	-35.92	2.50014G	-46.18	21.57563G	-44.08	2

Result

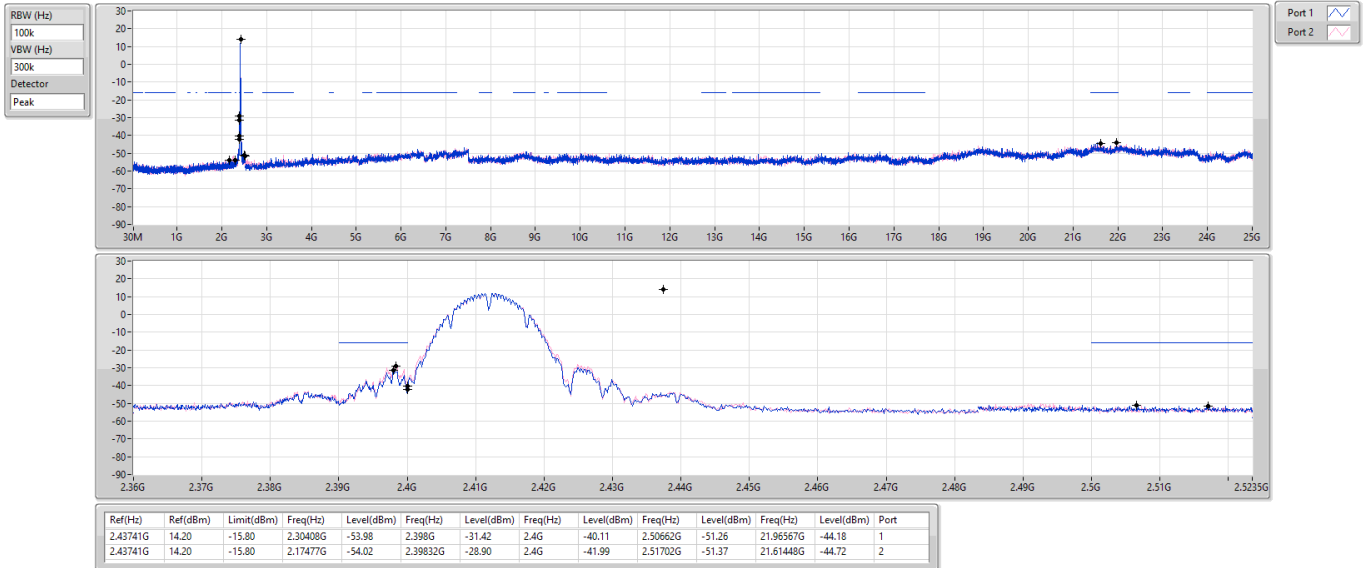
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43741G	14.20	-15.80	2.30408G	-53.98	2.398G	-31.42	2.4G	-40.11	2.50662G	-51.26	21.96567G	-44.18	1
2412MHz	Pass	2.43741G	14.20	-15.80	2.17477G	-54.02	2.39832G	-28.90	2.4G	-41.99	2.51702G	-51.37	21.61448G	-44.72	2
2437MHz	Pass	2.43741G	14.20	-15.80	2.30525G	-54.35	2.39704G	-44.11	2.4G	-46.99	2.51366G	-50.09	21.55548G	-44.68	1
2437MHz	Pass	2.43741G	14.20	-15.80	2.19574G	-52.57	2.39752G	-44.38	2.4G	-49.28	2.51366G	-51.07	21.53019G	-44.99	2
2462MHz	Pass	2.43741G	14.20	-15.80	2.30059G	-54.07	2.39168G	-49.75	2.4G	-52.02	2.5015G	-50.48	21.651G	-45.20	1
2462MHz	Pass	2.43741G	14.20	-15.80	2.30525G	-48.21	2.3908G	-50.76	2.4G	-53.88	2.50006G	-50.18	21.45995G	-44.50	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	8.29	-21.71	2.30991G	-53.82	2.39896G	-39.82	2.4G	-42.21	2.50662G	-50.08	21.45152G	-44.26	1
2412MHz	Pass	2.43824G	8.29	-21.71	2.30874G	-53.40	2.3916G	-36.04	2.4G	-39.59	2.50006G	-48.69	21.651G	-44.76	2
2437MHz	Pass	2.43824G	8.29	-21.71	2.30874G	-49.37	2.39576G	-37.87	2.4G	-41.11	2.5063G	-47.07	21.51614G	-43.95	1
2437MHz	Pass	2.43824G	8.29	-21.71	2.30059G	-49.70	2.39576G	-37.41	2.4G	-40.12	2.5007G	-48.17	21.57233G	-45.19	2
2462MHz	Pass	2.43824G	8.29	-21.71	2.30408G	-51.01	2.39248G	-45.68	2.4G	-46.90	2.5051G	-47.05	21.48243G	-45.00	1
2462MHz	Pass	2.43824G	8.29	-21.71	2.30175G	-46.65	2.394G	-45.29	2.4G	-46.99	2.50102G	-46.22	21.61729G	-44.27	2
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	10.36	-19.64	2.30874G	-52.51	2.39936G	-29.90	2.4G	-35.19	2.50814G	-49.06	21.56671G	-45.37	1
2412MHz	Pass	2.43824G	10.36	-19.64	2.30641G	-53.20	2.39552G	-28.52	2.4G	-29.82	2.50086G	-50.31	21.54705G	-44.15	2
2437MHz	Pass	2.43824G	10.36	-19.64	2.30292G	-49.15	2.39848G	-34.41	2.4G	-35.89	2.50198G	-43.30	21.59762G	-44.48	1
2437MHz	Pass	2.43824G	10.36	-19.64	2.30408G	-48.45	2.4G	-34.93	2.4G	-33.93	2.50414G	-47.80	21.60324G	-44.11	2
2462MHz	Pass	2.43824G	10.36	-19.64	2.30874G	-49.70	2.39664G	-45.08	2.4G	-48.54	2.50262G	-47.83	21.46838G	-45.48	1
2462MHz	Pass	2.43824G	10.36	-19.64	2.30292G	-48.62	2.39472G	-46.34	2.4G	-48.93	2.50102G	-46.29	21.54424G	-45.22	2
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.4344G	4.48	-25.52	2.30626G	-52.70	2.39952G	-36.65	2.4G	-36.23	2.50158G	-49.27	21.55039G	-45.13	1
2422MHz	Pass	2.4344G	4.48	-25.52	2.30855G	-53.05	2.39232G	-36.30	2.4G	-37.82	2.5059G	-49.47	21.58404G	-44.86	2
2437MHz	Pass	2.4344G	4.48	-25.52	2.30512G	-50.28	2.39824G	-33.58	2.4G	-38.90	2.50478G	-45.22	21.69342G	-44.95	1
2437MHz	Pass	2.4344G	4.48	-25.52	2.3097G	-51.36	2.39776G	-32.04	2.4G	-35.92	2.50014G	-46.18	21.57563G	-44.08	2
2452MHz	Pass	2.4344G	4.48	-25.52	2.30855G	-52.13	2.39856G	-41.28	2.4G	-45.42	2.50174G	-41.66	21.49991G	-44.64	1
2452MHz	Pass	2.4344G	4.48	-25.52	2.30741G	-50.72	2.39952G	-40.76	2.4G	-46.90	2.50542G	-41.68	21.59807G	-45.08	2

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

CSEndB

2412MHz

04/12/2024

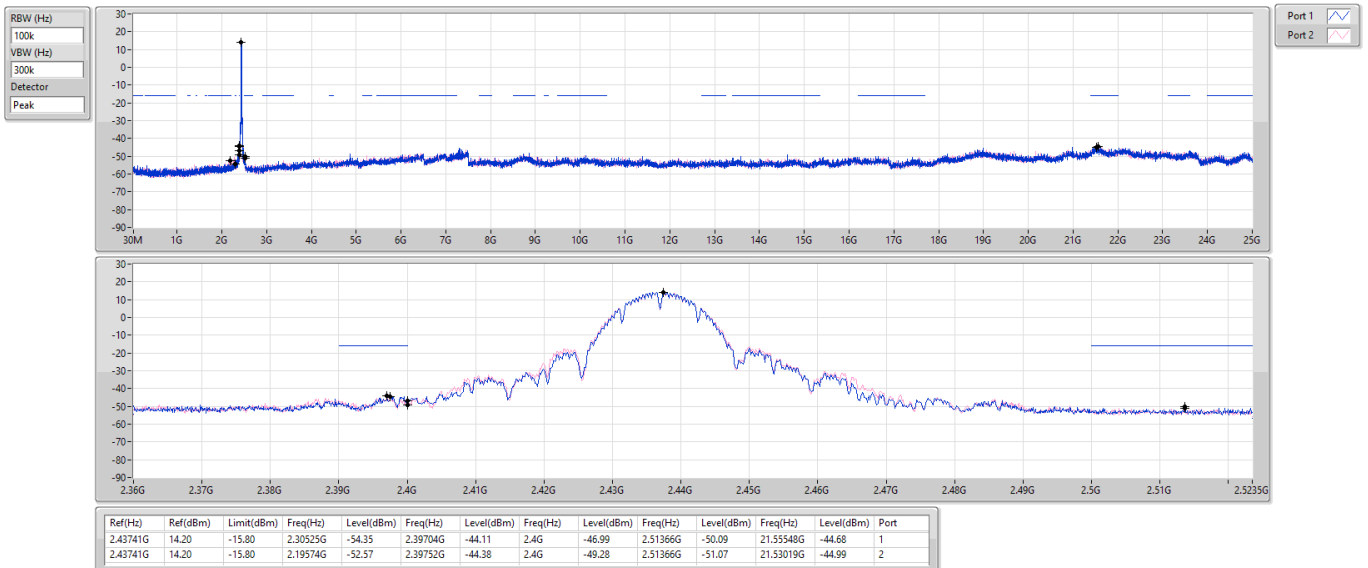


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

04/12/2024



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

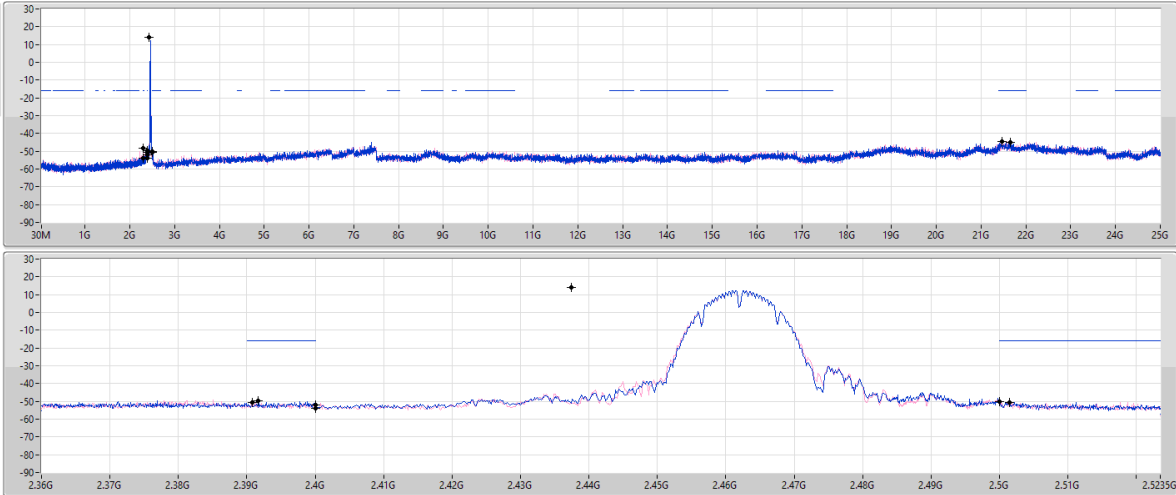
CSEndB

2462MHz

04/12/2024

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
2.43741G	14.20	-15.80	2.30059G	-54.07	2.39168G	-49.75	2.4G	-52.02	2.5015G	-50.48	2.1651G	-45.20	1
2.43741G	14.20	-15.80	2.30525G	-48.21	2.3908G	-50.76	2.4G	-53.88	2.50006G	-50.18	2.145995G	-44.50	2

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

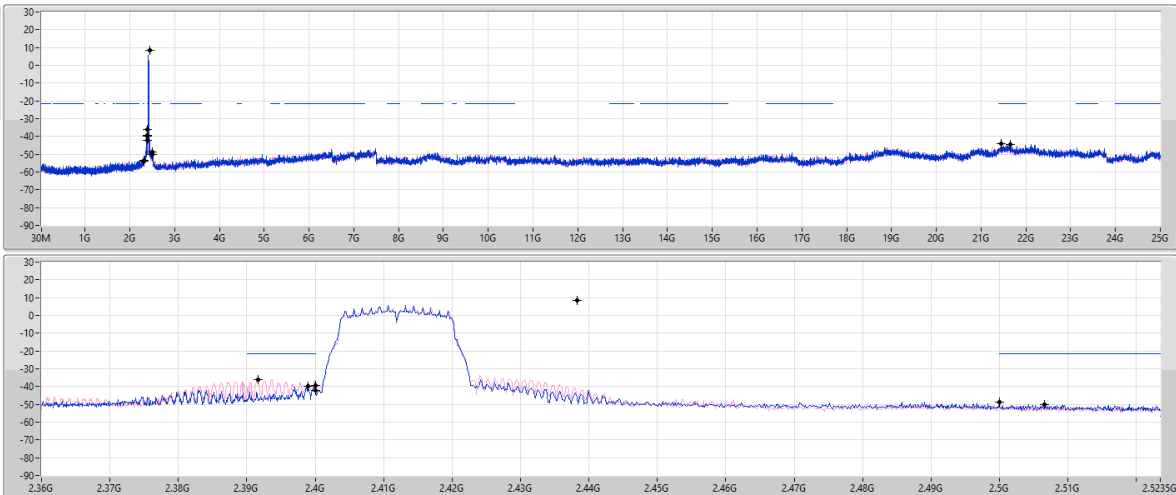
CSEndB

2412MHz

04/12/2024

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
2.43824G	8.29	-21.71	2.30991G	-53.82	2.39896G	-39.82	2.4G	-42.21	2.50662G	-50.08	2.145152G	-44.26	1
2.43824G	8.29	-21.71	2.30874G	-53.40	2.3916G	-36.04	2.4G	-39.59	2.50006G	-48.69	2.1651G	-44.76	2

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

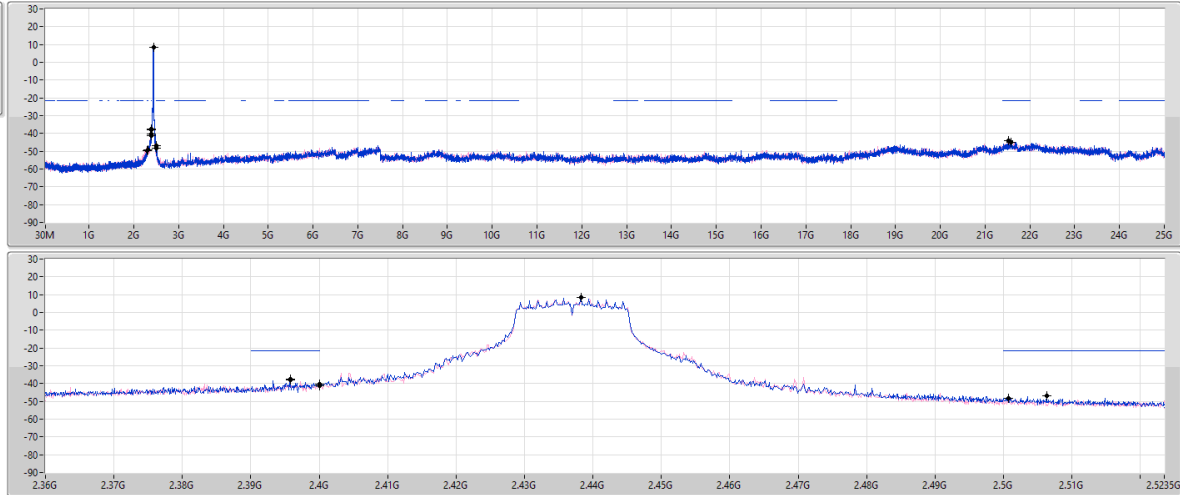
CSEndB

2437MHz

04/12/2024

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
2.43824G	8.29	-21.71	2.30874G	-49.37	2.39576G	-37.87	2.4G	-41.11	2.5063G	-47.07	21.51614G	-43.95	1
2.43824G	8.29	-21.71	2.30059G	-49.70	2.39576G	-37.41	2.4G	-40.12	2.5007G	-48.17	21.57233G	-45.19	2

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

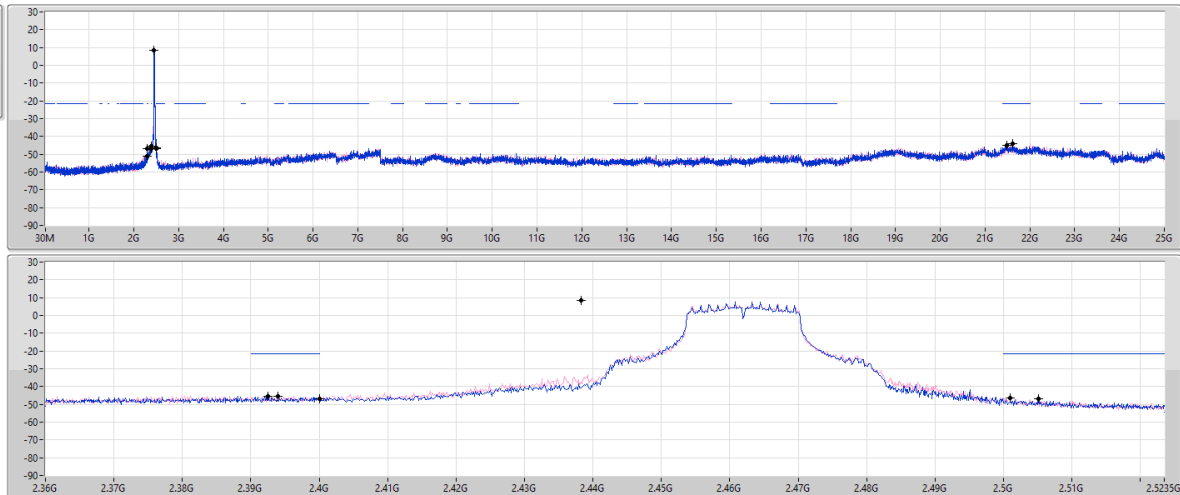
CSEndB

2462MHz

04/12/2024

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
2.43824G	8.29	-21.71	2.30408G	-51.01	2.39248G	-45.88	2.4G	-46.90	2.5051G	-47.05	21.48243G	-45.00	1
2.43824G	8.29	-21.71	2.30175G	-46.65	2.394G	-45.29	2.4G	-46.99	2.50102G	-46.22	21.61729G	-44.27	2

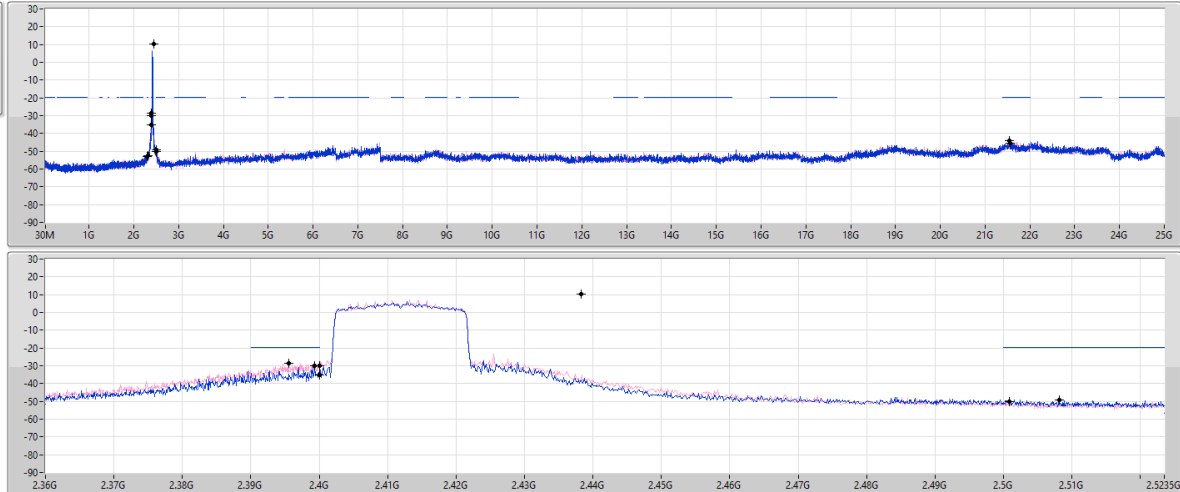
2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

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

04/12/2024
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
2.43824G	10.36	-19.64	2.30874G	-52.51	2.39936G	-29.90	2.4G	-35.19	2.50814G	-49.06	21.56671G	-45.37	1
2.43824G	10.36	-19.64	2.30641G	-53.20	2.39552G	-28.52	2.4G	-29.82	2.50086G	-50.31	21.54705G	-44.15	2

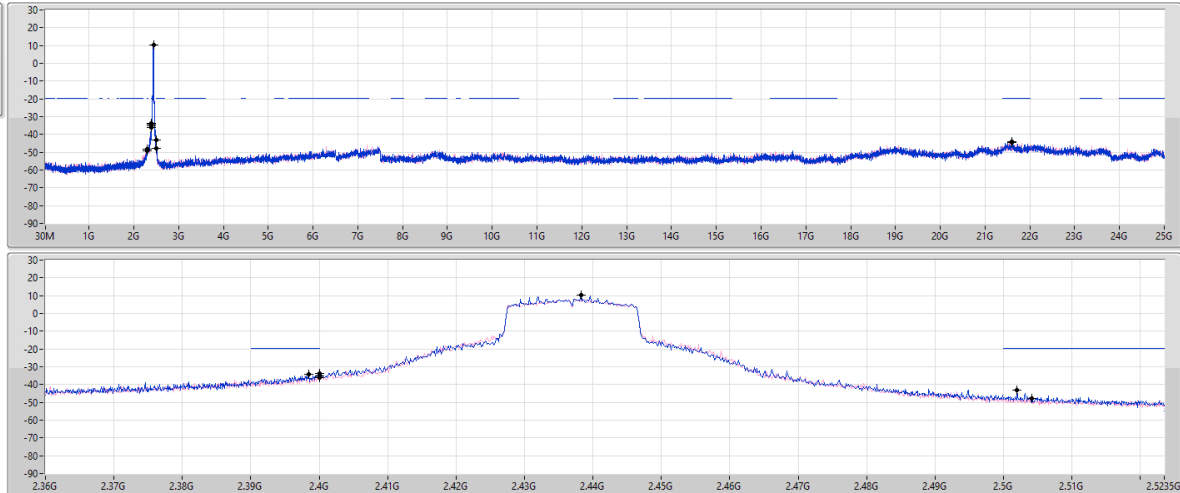
2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2437MHz

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

04/12/2024
Port 1
Port 2



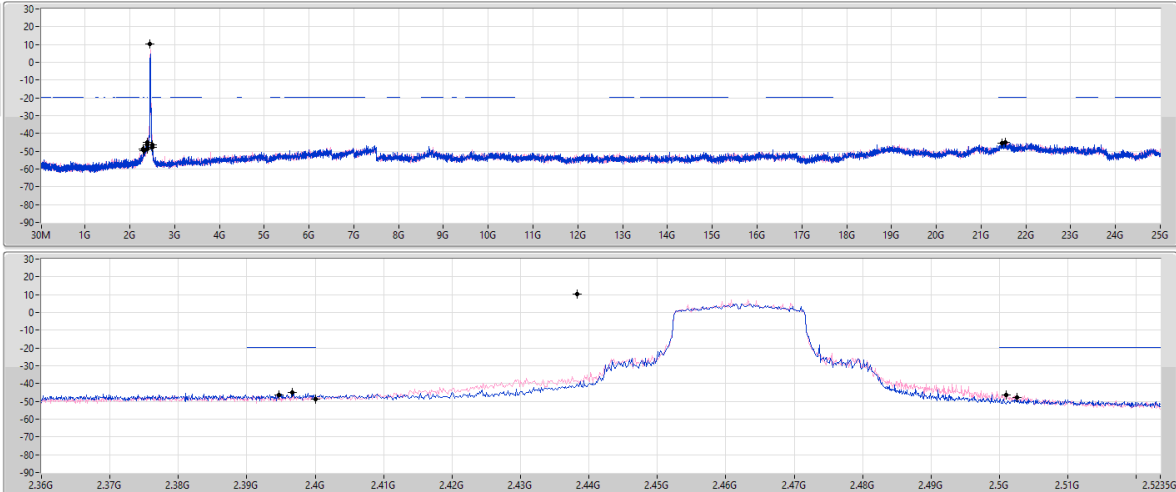
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	10.36	-19.64	2.30292G	-49.15	2.39648G	-34.41	2.4G	-35.89	2.50198G	-43.30	21.59162G	-44.48	1
2.43824G	10.36	-19.64	2.30408G	-48.45	2.4G	-34.93	2.4G	-33.93	2.50414G	-47.80	21.60324G	-44.11	2

2.4-2.4835GHz_802.11ax_HEW20_Nss1,(MCS0)_2TX

CSEndB

2462MHz

04/12/2024

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

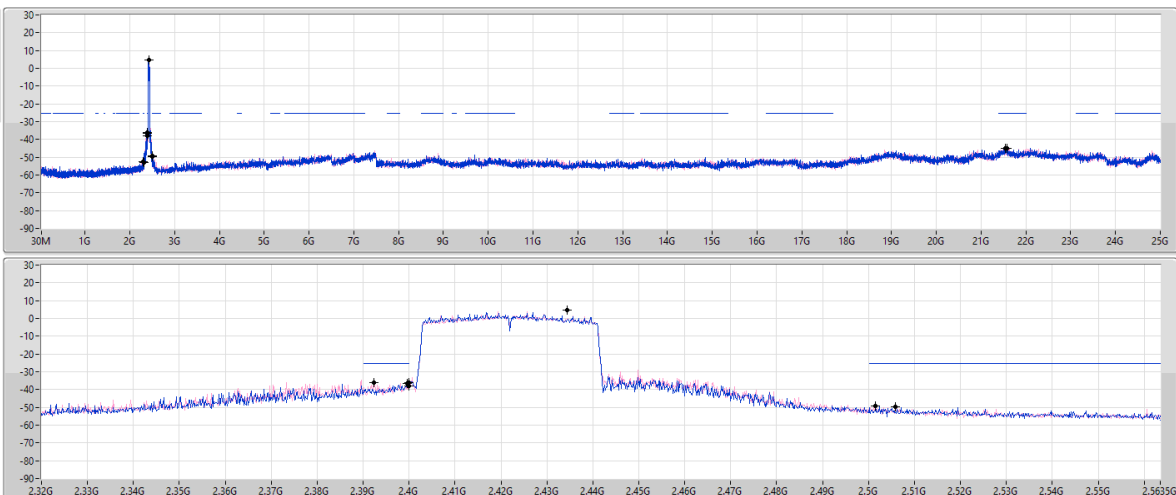
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2.43824G	10.36	-19.64	2.30874G	-49.70	2.39664G	-45.08	2.4G	-48.54	2.50262G	-47.83	2.146838G	-45.48	1
2.43824G	10.36	-19.64	2.30292G	-48.62	2.39472G	-46.34	2.4G	-48.93	2.50102G	-46.29	2.154424G	-45.22	2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

04/12/2024

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

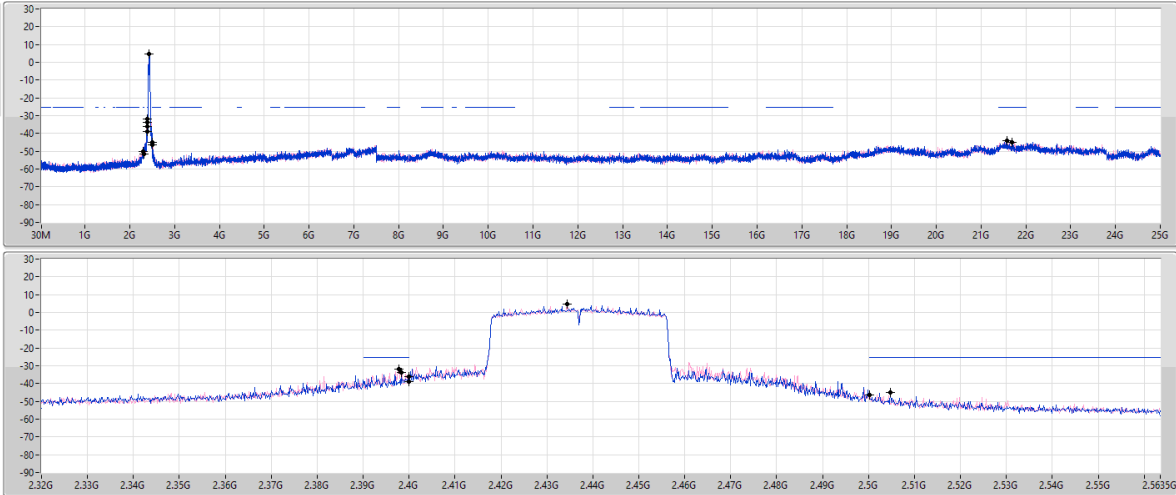
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4344G	4.48	-25.52	2.30626G	-52.70	2.39552G	-36.65	2.4G	-36.23	2.50158G	-49.27	2.155039G	-45.13	1
2.4344G	4.48	-25.52	2.30855G	-53.05	2.39232G	-36.30	2.4G	-37.82	2.5059G	-49.47	2.158404G	-44.86	2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2437MHz

04/12/2024

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

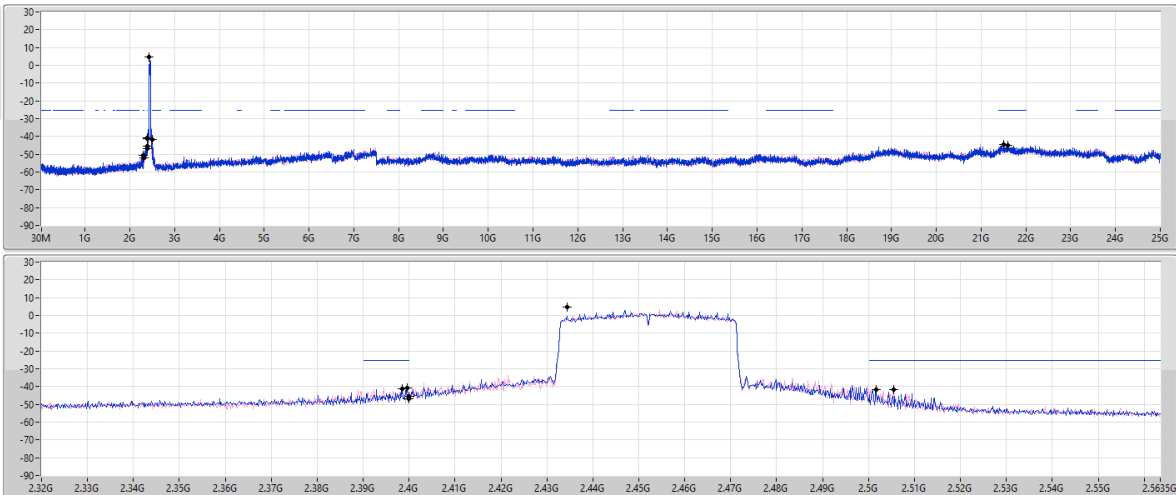
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4344G	4.48	-25.52	2.30512G	-50.28	2.39824G	-33.58	2.4G	-38.90	2.50478G	-45.22	21.69342G	-44.95	1
2.4344G	4.48	-25.52	2.3097G	-51.36	2.39776G	-32.04	2.4G	-35.92	2.50014G	-46.18	21.57563G	-44.08	2

2.4-2.4835GHz_802.11ax_HEW40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

04/12/2024

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	4.48	-25.52	2.30855G	-52.13	2.39856G	-41.28	2.4G	-45.42	2.50174G	-41.66	21.49991G	-44.64	1
2.4344G	4.48	-25.52	2.30741G	-50.72	2.39952G	-40.76	2.4G	-46.90	2.50542G	-41.68	21.59807G	-45.08	2



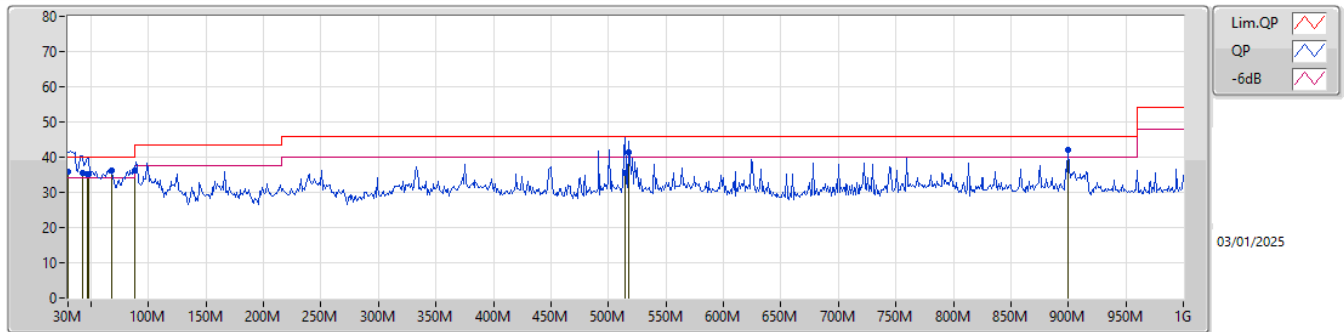
Radiated Emissions below 1GHz

Appendix F.1

Summary

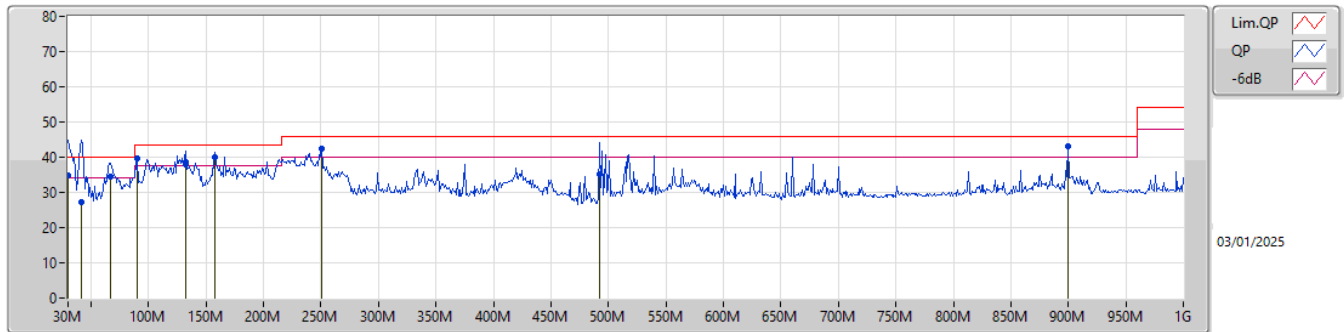
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	900.09M	42.96	46.00	-3.04	Horizontal

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	30M	35.69	40.00	-4.31	-6.74	3	Vertical	207	1.00	-	42.43	23.85	0.46	31.05		
QP	42.61M	35.51	40.00	-4.49	-13.03	3	Vertical	118	3.00	-	48.54	17.05	0.58	30.66		
QP	46.49M	35.09	40.00	-4.91	-14.95	3	Vertical	240	1.00	-	50.04	15.24	0.61	30.80		
QP	48.43M	35.32	40.00	-4.68	-15.77	3	Vertical	240	1.00	-	51.09	14.42	0.63	30.82		
PK	67.83M	36.21	40.00	-3.79	-17.81	3	Vertical	263	3.00	"Worst"	54.02	12.26	0.77	30.84		
PK	88M	36.37	43.50	-7.13	-15.41	3	Vertical	158	1.50	-	51.78	14.51	0.91	30.83		
QP	514.03M	35.64	46.00	-10.36	-5.72	3	Vertical	40	3.00	-	41.36	23.58	2.42	31.72		
QP	517.91M	41.46	46.00	-4.54	-5.66	3	Vertical	40	1.00	-	47.12	23.62	2.43	31.71		
PK	900.09M	42.02	46.00	-3.98	-1.84	3	Vertical	146	1.25	-	43.86	26.74	3.30	31.88		

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	30M	34.76	40.00	-5.24	-6.74	3	Horizontal	125	2.00	-	41.50	23.85	0.46	31.05		
QP	41.64M	27.20	40.00	-12.80	-12.50	3	Horizontal	206	1.25	-	39.70	17.54	0.57	30.61		
QP	66.86M	34.43	40.00	-5.57	-17.88	3	Horizontal	169	3.00	-	52.31	12.25	0.76	30.89		
PK	90.14M	39.51	43.50	-3.99	-14.96	3	Horizontal	191	2.00	-	54.47	14.96	0.92	30.84		
QP	132.82M	38.47	43.50	-5.03	-12.23	3	Horizontal	184	2.00	-	50.70	17.86	1.16	31.25		
QP	132.82M	37.79	43.50	-5.71	-12.23	3	Horizontal	184	2.00	-	50.02	17.86	1.16	31.25		
QP	158.04M	40.03	43.50	-3.47	-13.93	3	Horizontal	322	2.00	-	53.96	16.10	1.26	31.29		
PK	250.19M	42.52	46.00	-3.48	-10.22	3	Horizontal	199	1.25	-	52.74	19.04	1.64	30.90		
QP	492.69M	35.19	46.00	-10.81	-6.04	3	Horizontal	275	2.00	-	41.23	23.29	2.36	31.69		
QP	900.09M	42.96	46.00	-3.04	-1.84	3	Horizontal	196	1.25	"Worst"	44.80	26.74	3.30	31.88		

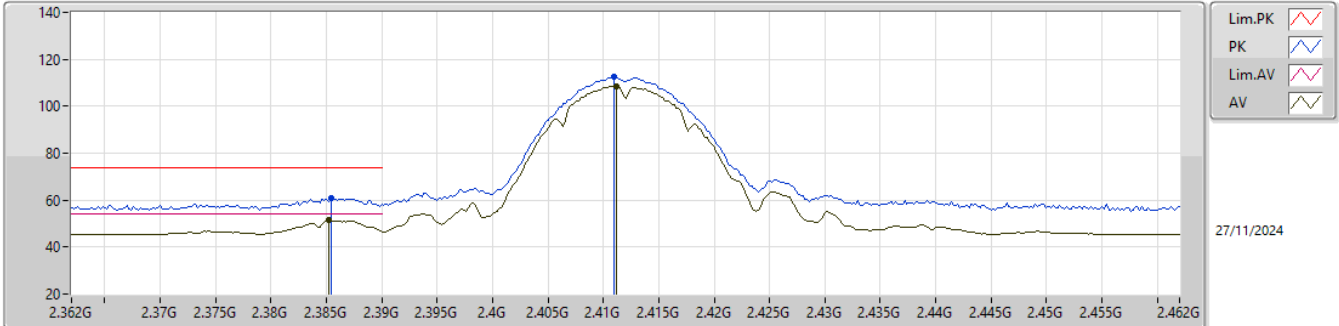


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1.(6Mbps)_2TX	Pass	AV	2.4835G	52.95	54.00	-1.05	3	Horizontal	0	2.54	-

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

2412MHz_TX

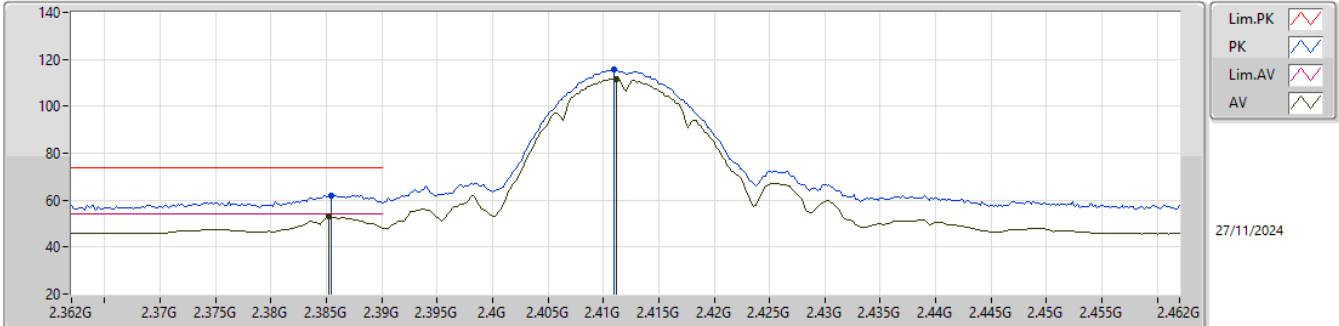


EUT_Z_2TX
Setting 21
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3854G	60.79	74.00	-13.21	28.57	3	Vertical	199	2.97	-	27.60	4.62	-				
AV	2.3852G	51.52	54.00	-2.48	19.30	3	Vertical	199	2.97	-	27.60	4.62	-				
PK	2.411G	112.45	Inf	-Inf	80.21	3	Vertical	199	2.97	-	27.59	4.65	-				
AV	2.4112G	108.54	Inf	-Inf	76.30	3	Vertical	199	2.97	-	27.59	4.65	-				

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

2412MHz_TX

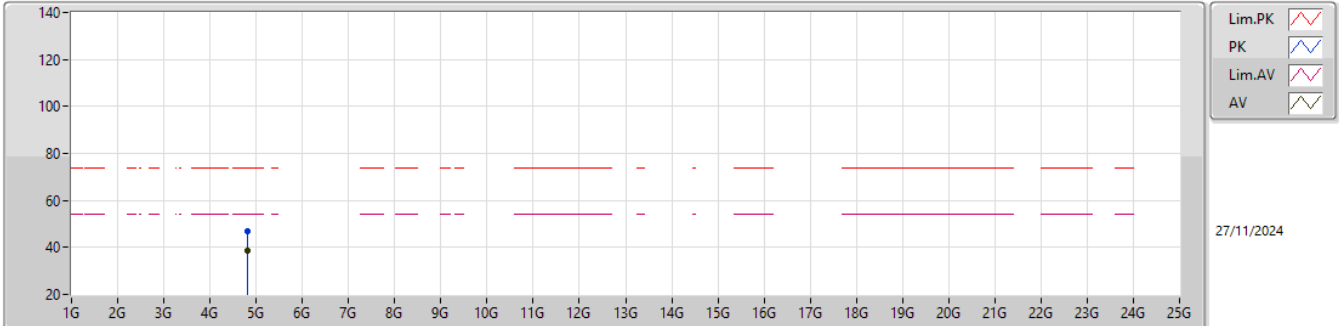


EUT_Z_2TX
Setting 21
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3854G	62.15	74.00	-11.85	29.93	3	Horizontal	5	2.12	-	27.60	4.62	-			
AV	2.3852G	52.92	54.00	-1.08	20.70	3	Horizontal	5	2.12	-	27.60	4.62	-			
PK	2.411G	115.73	Inf	-Inf	83.49	3	Horizontal	5	2.12	-	27.59	4.65	-			
AV	2.4112G	111.70	Inf	-Inf	79.46	3	Horizontal	5	2.12	-	27.59	4.65	-			

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

2412MHz_TX

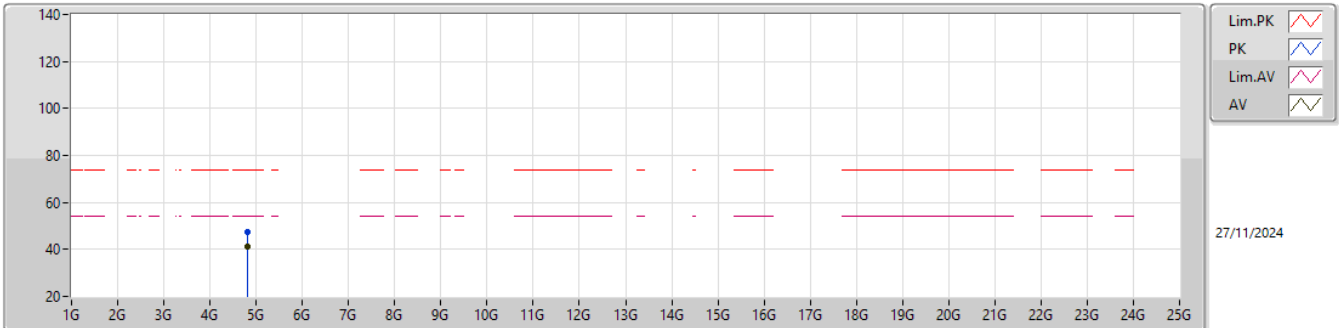


EUT_Y_2TX
Setting 21
06-D-J-8

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	4.82392G	47.13	74.00	-26.87	43.19	3	Vertical	33	2.30	-	31.35	6.55	33.96			
AV	4.82394G	38.80	54.00	-15.20	34.86	3	Vertical	33	2.30	-	31.35	6.55	33.96			

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

2412MHz_TX

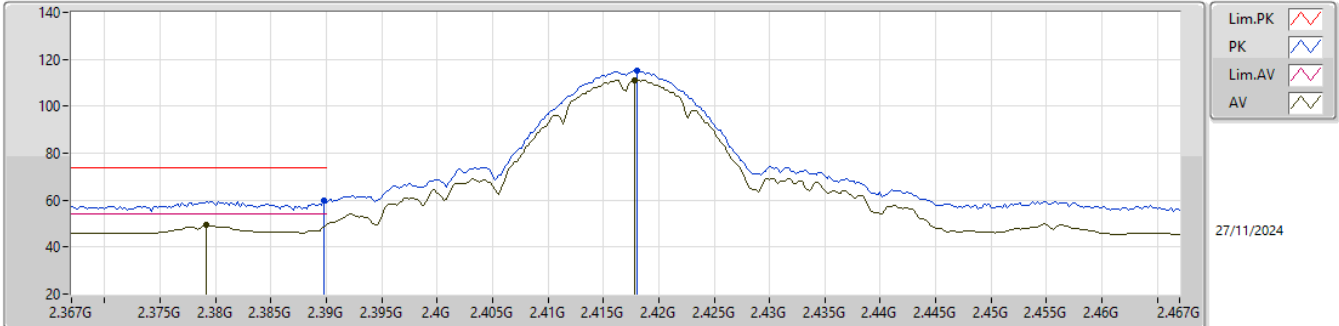


EUT_Y_2TX
Setting 21
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.82388G	47.48	74.00	-26.52	43.54	3	Horizontal	38	2.43	-	31.35	6.55	33.96			
AV	4.82398G	41.16	54.00	-12.84	37.22	3	Horizontal	38	2.43	-	31.35	6.55	33.96			

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

2417MHz_TX

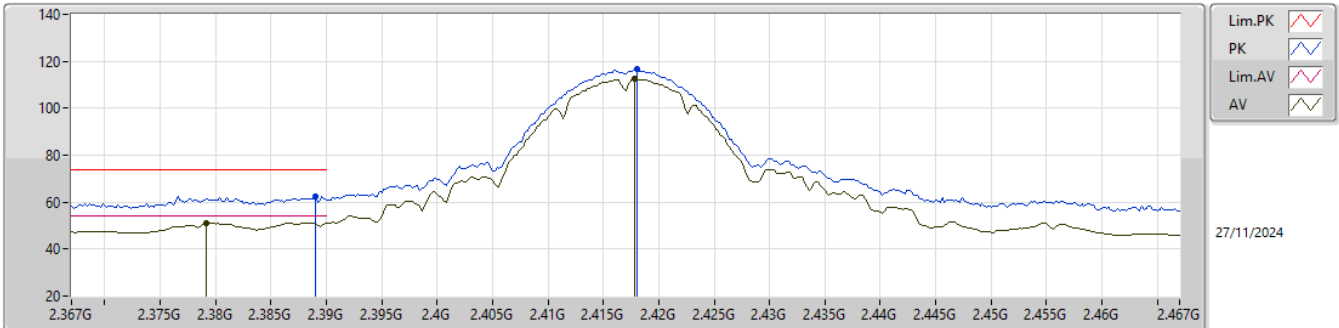


EUT_Z_2TX
Setting 23
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3898G	60.03	74.00	-13.97	27.81	3	Vertical	27	2.03	-	27.60	4.62	-				
AV	2.3792G	49.36	54.00	-4.64	17.13	3	Vertical	27	2.03	-	27.61	4.62	-				
PK	2.418G	115.33	Inf	-Inf	83.15	3	Vertical	27	2.03	-	27.52	4.66	-				
AV	2.4178G	111.24	Inf	-Inf	79.06	3	Vertical	27	2.03	-	27.52	4.66	-				

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

2417MHz_TX

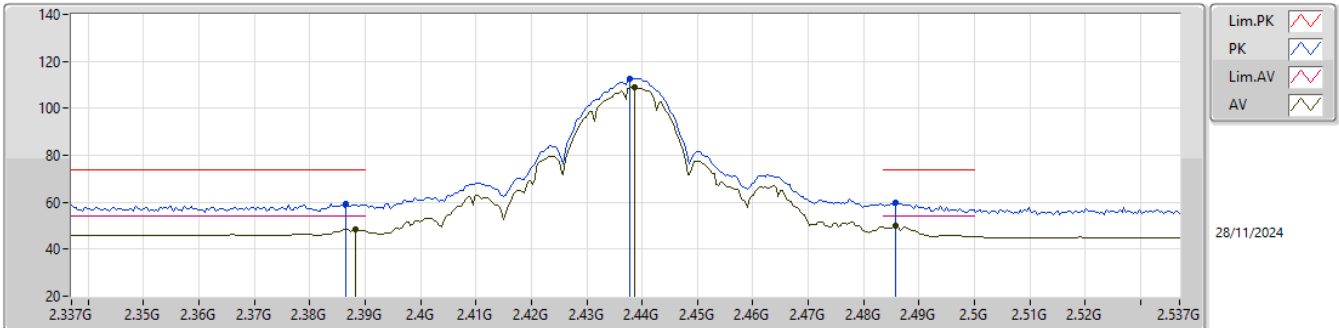


EUT_Z_2TX
Setting 23
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.389G	62.48	74.00	-11.52	30.26	3	Horizontal	0	2.82	-	27.60	4.62	-				
AV	2.3792G	51.28	54.00	-2.72	19.05	3	Horizontal	0	2.82	-	27.61	4.62	-				
PK	2.418G	116.54	Inf	-Inf	84.36	3	Horizontal	0	2.82	-	27.52	4.66	-				
AV	2.4178G	112.46	Inf	-Inf	80.28	3	Horizontal	0	2.82	-	27.52	4.66	-				

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

2437MHz_TX

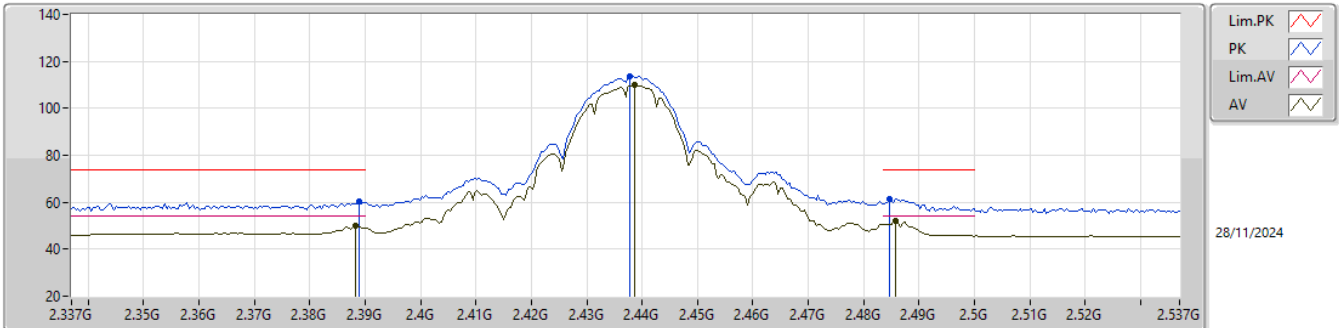


EUT_Z_2TX
Setting 24
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3866G	59.43	74.00	-14.57	27.21	3	Vertical	360	2.45	-	27.60	4.62	-				
AV	2.3882G	48.53	54.00	-5.47	16.31	3	Vertical	360	2.45	-	27.60	4.62	-				
PK	2.4378G	112.68	Inf	-Inf	80.57	3	Vertical	360	2.45	-	27.42	4.69	-				
AV	2.4386G	108.93	Inf	-Inf	76.82	3	Vertical	360	2.45	-	27.41	4.70	-				
PK	2.4858G	59.94	74.00	-14.06	27.70	3	Vertical	360	2.45	-	27.46	4.78	-				
AV	2.4858G	50.19	54.00	-3.81	17.95	3	Vertical	360	2.45	-	27.46	4.78	-				

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

2437MHz_TX

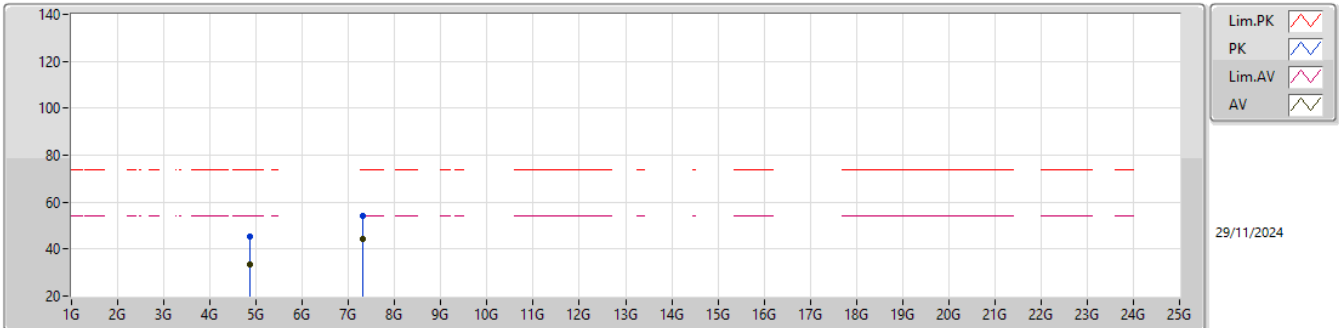


EUT_Z_2TX
Setting 24
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.389G	60.26	74.00	-13.74	28.04	3	Horizontal	-0.1	1.89	-	27.60	4.62	-			
AV	2.3882G	49.82	54.00	-4.18	17.60	3	Horizontal	-0.1	1.89	-	27.60	4.62	-			
PK	2.4378G	113.62	Inf	-Inf	81.51	3	Horizontal	-0.1	1.89	-	27.42	4.69	-			
AV	2.4386G	109.78	Inf	-Inf	77.67	3	Horizontal	-0.1	1.89	-	27.41	4.70	-			
PK	2.4846G	61.39	74.00	-12.61	29.17	3	Horizontal	-0.1	1.89	-	27.45	4.77	-			
AV	2.4858G	52.27	54.00	-1.73	20.03	3	Horizontal	-0.1	1.89	-	27.46	4.78	-			

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

2437MHz_TX

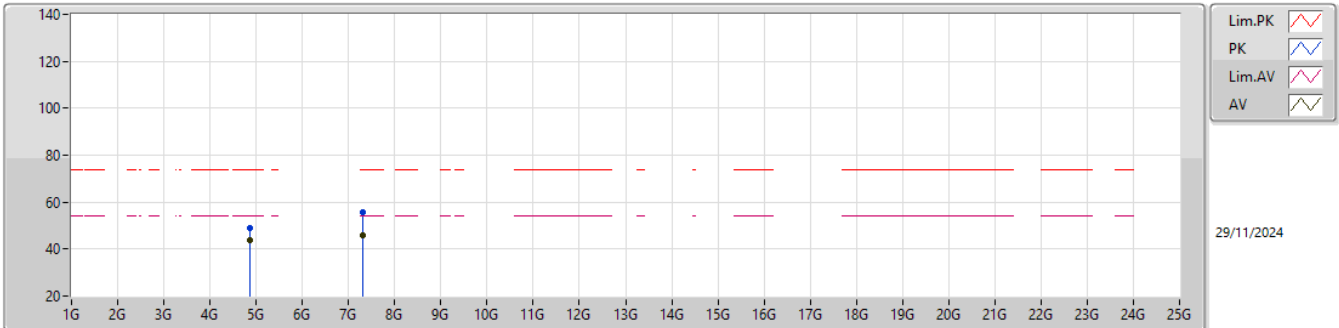


EUT_Y_2TX
Setting 24
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87084G	45.30	74.00	-28.70	41.42	3	Vertical	38	2.43	-	31.30	6.55	33.97			
AV	4.877G	33.39	54.00	-20.61	29.51	3	Vertical	38	2.43	-	31.30	6.55	33.97			
PK	7.31196G	54.14	74.00	-19.86	43.15	3	Vertical	292	3.00	-	36.60	8.58	34.19			
AV	7.31168G	44.34	54.00	-9.66	33.36	3	Vertical	292	3.00	-	36.60	8.57	34.19			

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

2437MHz_TX

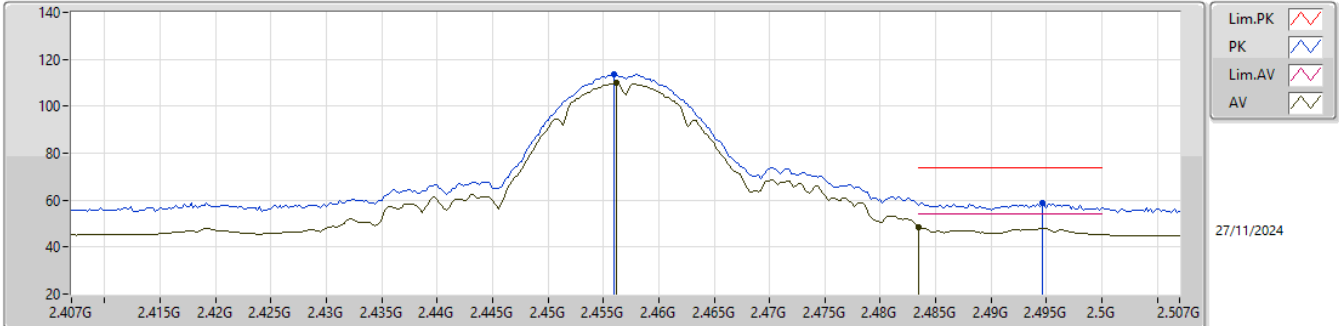


EUT_Y_2TX
Setting 24
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87384G	48.95	74.00	-25.05	45.07	3	Horizontal	38	2.94	-	31.30	6.55	33.97			
AV	4.87396G	43.75	54.00	-10.25	39.87	3	Horizontal	38	2.94	-	31.30	6.55	33.97			
PK	7.31024G	55.76	74.00	-18.24	44.78	3	Horizontal	31	2.18	-	36.60	8.57	34.19			
AV	7.30924G	46.02	54.00	-7.98	35.04	3	Horizontal	31	2.18	-	36.60	8.57	34.19			

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

2457MHz_TX

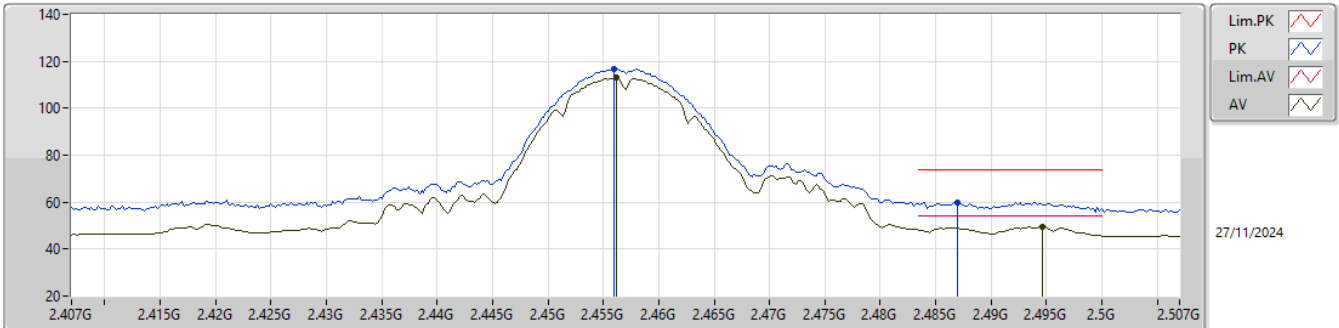


EUT_Z_2TX
Setting 22.5
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.456G	113.71	Inf	-Inf	81.54	3	Vertical	340	2.19	-	27.44	4.73	-			
AV	2.456G	109.87	Inf	-Inf	77.70	3	Vertical	340	2.19	-	27.44	4.73	-			
PK	2.4946G	59.00	74.00	-15.00	26.76	3	Vertical	340	2.19	-	27.45	4.79	-			
AV	2.4835G	48.39	54.00	-5.61	16.18	3	Vertical	340	2.19	-	27.44	4.77	-			

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

2457MHz_TX

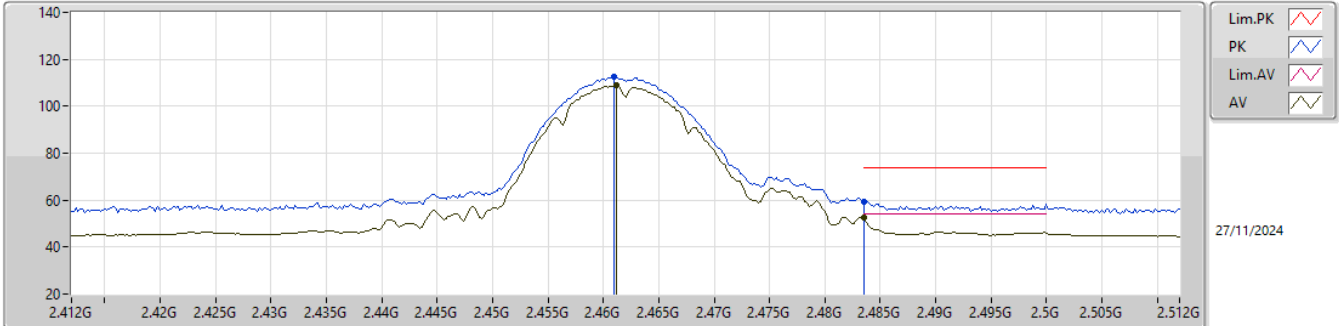


EUT_Z_2TX
Setting 22.5
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.456G	116.98	Inf	-Inf	84.81	3	Horizontal	360	1.94	-	27.44	4.73	-				
AV	2.456G	113.10	Inf	-Inf	80.93	3	Horizontal	360	1.94	-	27.44	4.73	-				
PK	2.487G	59.96	74.00	-14.04	27.71	3	Horizontal	360	1.94	-	27.47	4.78	-				
AV	2.4946G	49.65	54.00	-4.35	17.41	3	Horizontal	360	1.94	-	27.45	4.79	-				

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

2462MHz_TX

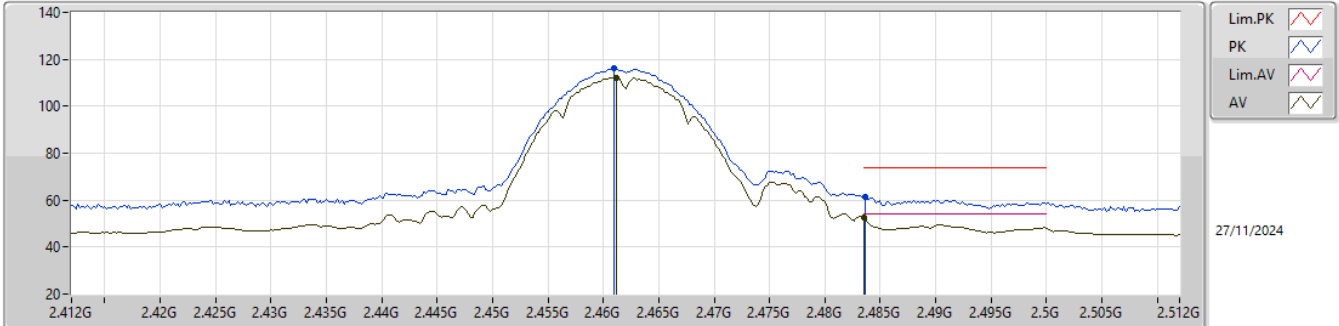


EUT_Z_2TX
Setting 21.5
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.461G	112.62	Inf	-Inf	80.50	3	Vertical	355	2.62	-	27.39	4.73	-				
AV	2.4612G	108.82	Inf	-Inf	76.70	3	Vertical	355	2.62	-	27.39	4.73	-				
PK	2.4835G	59.28	74.00	-14.72	27.07	3	Vertical	355	2.62	-	27.44	4.77	-				
AV	2.4835G	52.38	54.00	-1.62	20.17	3	Vertical	355	2.62	-	27.44	4.77	-				

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

2462MHz_TX

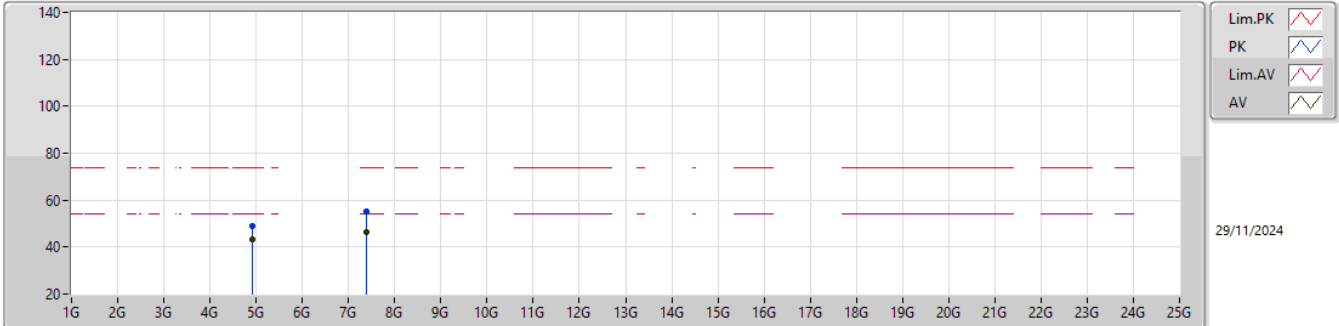


EUT_Z_2TX
Setting 21.5
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.461G	116.17	Inf	-Inf	84.05	3	Horizontal	0	2.09	-	27.39	4.73	-				
AV	2.4612G	112.31	Inf	-Inf	80.19	3	Horizontal	0	2.09	-	27.39	4.73	-				
PK	2.4836G	61.57	74.00	-12.43	29.36	3	Horizontal	0	2.09	-	27.44	4.77	-				
AV	2.4835G	52.76	54.00	-1.24	20.55	3	Horizontal	0	2.09	-	27.44	4.77	-				

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

2462MHz_TX

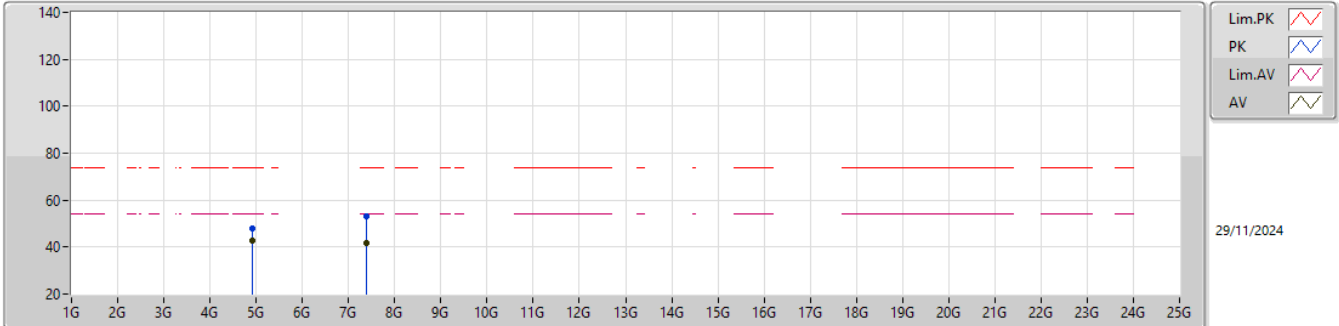


EUT_Y_2TX
Setting 21.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.924G	49.19	74.00	-24.81	45.21	3	Vertical	16	2.97	-	31.40	6.56	33.98			
AV	4.92392G	43.52	54.00	-10.48	39.54	3	Vertical	16	2.97	-	31.40	6.56	33.98			
PK	7.38504G	55.16	74.00	-18.84	44.25	3	Vertical	44	2.34	-	36.46	8.64	34.19			
AV	7.38516G	46.22	54.00	-7.78	35.31	3	Vertical	44	2.34	-	36.46	8.64	34.19			

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

2462MHz_TX

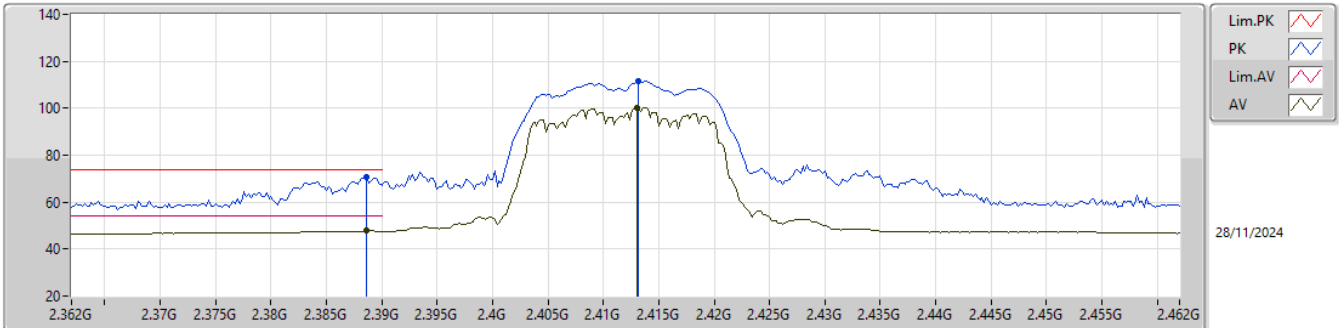


EUT_Y_2TX
Setting 21.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92396G	47.86	74.00	-26.14	43.88	3	Horizontal	38	2.86	-	31.40	6.56	33.98			
AV	4.92392G	42.65	54.00	-11.35	38.67	3	Horizontal	38	2.86	-	31.40	6.56	33.98			
PK	7.38692G	52.96	74.00	-21.04	42.06	3	Horizontal	323	1.98	-	36.45	8.64	34.19			
AV	7.38668G	41.64	54.00	-12.36	30.74	3	Horizontal	323	1.98	-	36.45	8.64	34.19			

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

2412MHz_TX

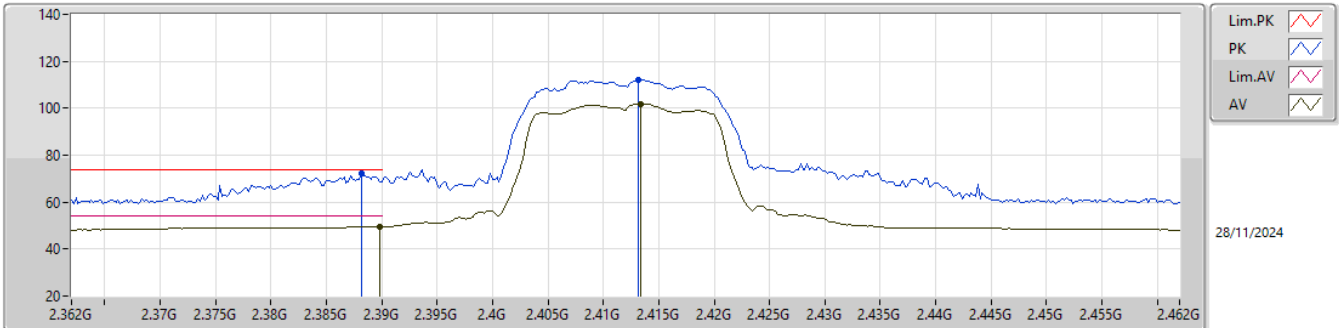


EUT_Z_2TX
Setting 16
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3886G	70.73	74.00	-3.27	38.51	3	Vertical	15	1.80	-	27.60	4.62	-				
AV	2.3886G	47.73	54.00	-6.27	15.51	3	Vertical	15	1.80	-	27.60	4.62	-				
PK	2.4132G	111.47	Inf	-Inf	79.25	3	Vertical	15	1.80	-	27.57	4.65	-				
AV	2.413G	100.41	Inf	-Inf	68.19	3	Vertical	15	1.80	-	27.57	4.65	-				

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

2412MHz_TX

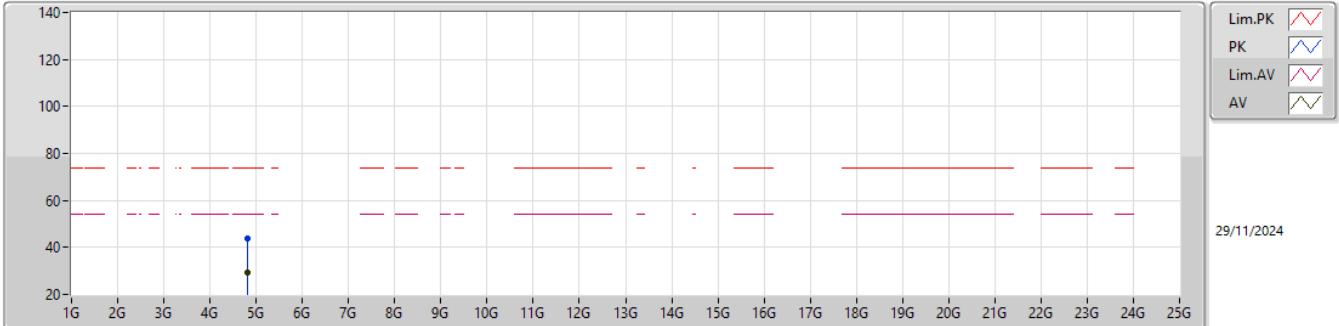


EUT_Z_TX
Setting 16
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3882G	72.41	74.00	-1.59	40.19	3	Horizontal	336	2.15	-	27.60	4.62	-			
AV	2.3898G	49.63	54.00	-4.37	17.41	3	Horizontal	336	2.15	-	27.60	4.62	-			
PK	2.4132G	112.15	Inf	-Inf	79.93	3	Horizontal	336	2.15	-	27.57	4.65	-			
AV	2.4134G	101.85	Inf	-Inf	69.63	3	Horizontal	336	2.15	-	27.57	4.65	-			

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

2412MHz_TX

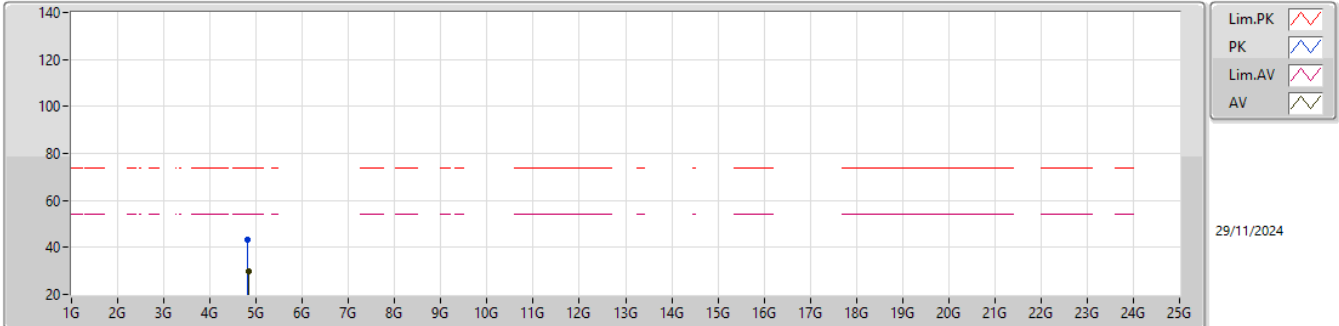


EUT_Y_2TX
Setting 16
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.81928G	43.60	74.00	-30.40	39.65	3	Vertical	192	1.98	-	31.36	6.55	33.96			
AV	4.81872G	29.55	54.00	-24.45	25.60	3	Vertical	192	1.98	-	31.36	6.55	33.96			

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

2412MHz_TX

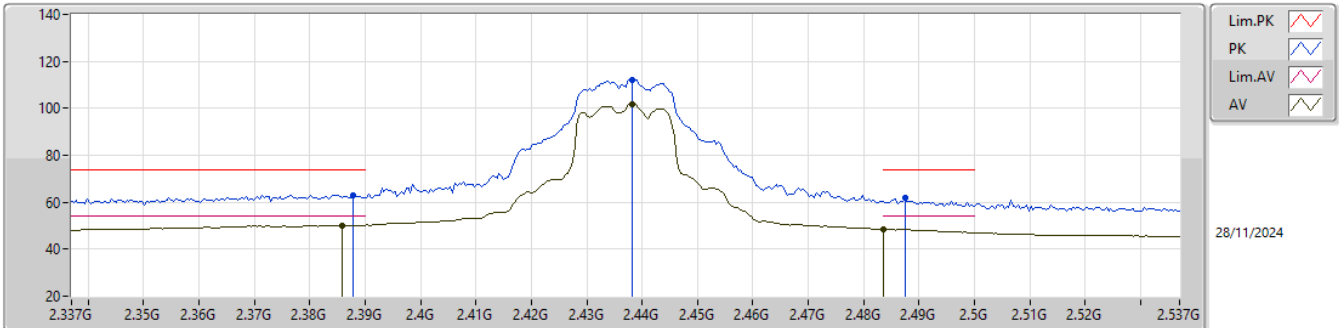


EUT Y_2TX
Setting 16
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.81912G	43.14	74.00	-30.86	39.19	3	Horizontal	110	1.44	-	31.36	6.55	33.96			
AV	4.8292G	29.57	54.00	-24.43	25.64	3	Horizontal	110	1.44	-	31.34	6.55	33.96			

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

2437MHz_TX

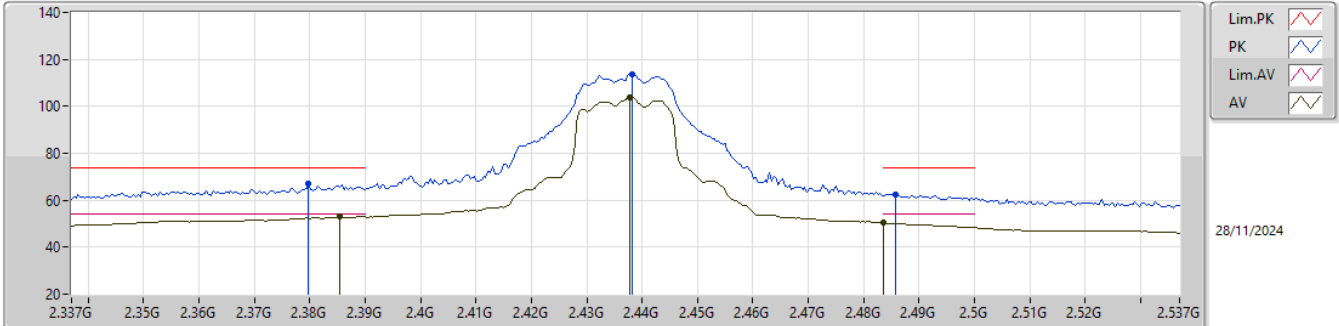


EUT_Z_2TX
Setting 18.5
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3878G	63.10	74.00	-10.90	30.88	3	Vertical	13	2.25	-	27.60	4.62	-			
AV	2.3858G	50.17	54.00	-3.83	17.95	3	Vertical	13	2.25	-	27.60	4.62	-			
PK	2.4382G	112.31	Inf	-Inf	80.20	3	Vertical	13	2.25	-	27.42	4.69	-			
AV	2.4382G	101.74	Inf	-Inf	69.63	3	Vertical	13	2.25	-	27.42	4.69	-			
PK	2.4874G	61.87	74.00	-12.13	29.62	3	Vertical	13	2.25	-	27.47	4.78	-			
AV	2.4835G	48.44	54.00	-5.56	16.23	3	Vertical	13	2.25	-	27.44	4.77	-			

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

2437MHz_TX

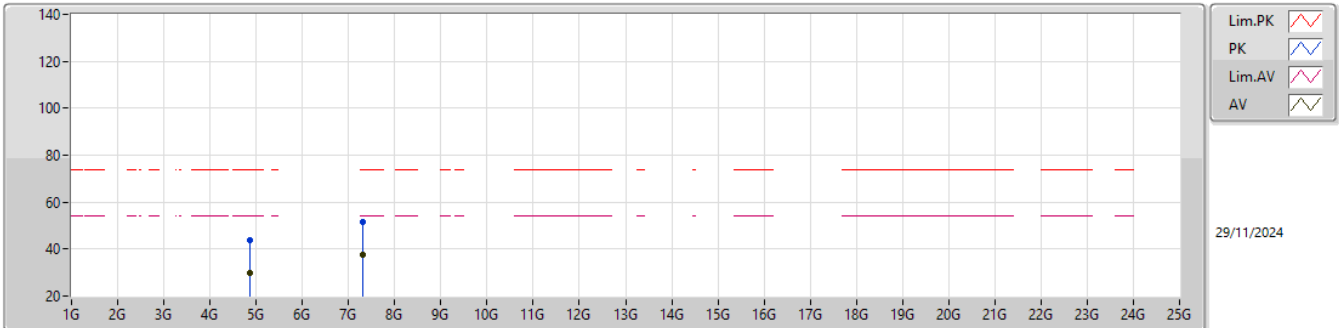


EUT_Z_2TX
Setting 18.5
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3798G	66.86	74.00	-7.14	34.64	3	Horizontal	0	2.33	-	27.60	4.62	-				
AV	2.3854G	52.89	54.00	-1.11	20.67	3	Horizontal	0	2.33	-	27.60	4.62	-				
PK	2.4382G	113.84	Inf	-Inf	81.73	3	Horizontal	0	2.33	-	27.42	4.69	-				
AV	2.4378G	103.79	Inf	-Inf	71.68	3	Horizontal	0	2.33	-	27.42	4.69	-				
PK	2.4858G	62.59	74.00	-11.41	30.35	3	Horizontal	0	2.33	-	27.46	4.78	-				
AV	2.4835G	50.43	54.00	-3.57	18.22	3	Horizontal	0	2.33	-	27.44	4.77	-				

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

2437MHz_TX

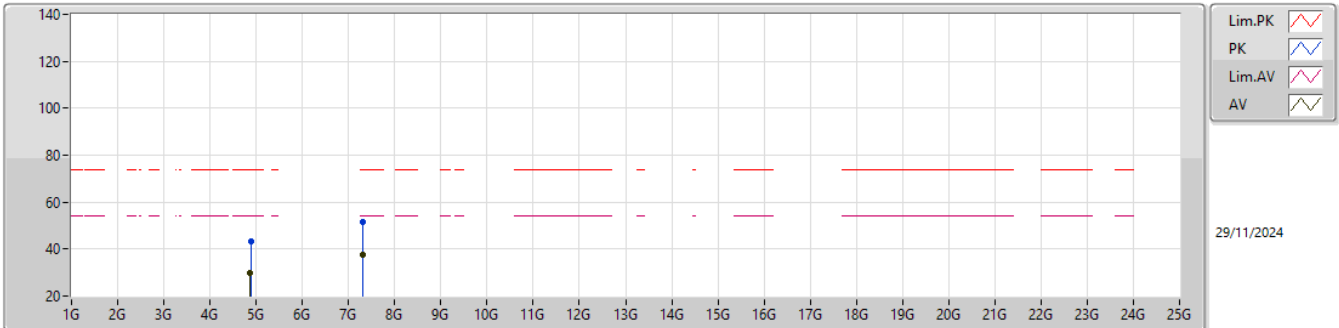


EUT_Y_2TX
Setting 18.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87196G	43.59	74.00	-30.41	39.71	3	Vertical	102	1.69	-	31.30	6.55	33.97				
AV	4.87636G	30.00	54.00	-24.00	26.12	3	Vertical	102	1.69	-	31.30	6.55	33.97				
PK	7.31788G	51.65	74.00	-22.35	40.66	3	Vertical	131	2.28	-	36.60	8.58	34.19				
AV	7.3066G	37.66	54.00	-16.34	26.68	3	Vertical	131	2.28	-	36.60	8.57	34.19				

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

2437MHz_TX

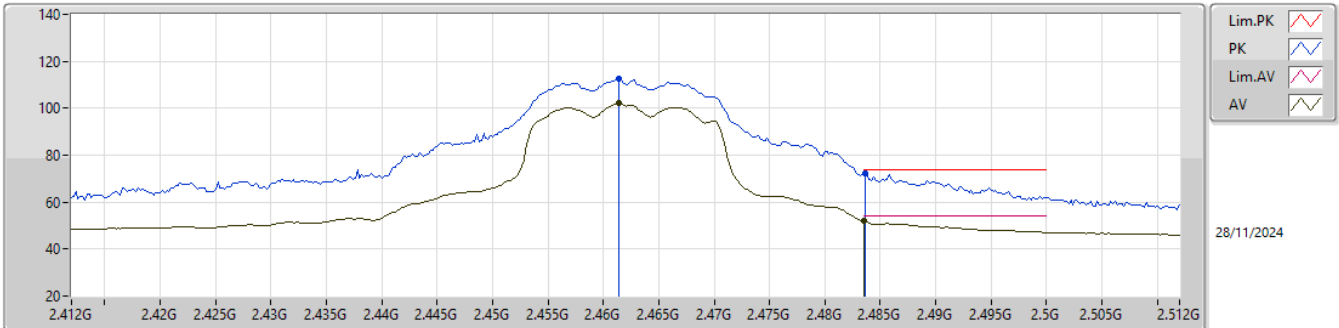


EUT_Y_2TX
Setting 18.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87904G	43.47	74.00	-30.53	39.59	3	Horizontal	229	1.10	-	31.30	6.55	33.97			
AV	4.87544G	30.08	54.00	-23.92	26.20	3	Horizontal	229	1.10	-	31.30	6.55	33.97			
PK	7.30124G	51.30	74.00	-22.70	40.32	3	Horizontal	76	2.68	-	36.60	8.57	34.19			
AV	7.31116G	37.62	54.00	-16.38	26.64	3	Horizontal	76	2.68	-	36.60	8.57	34.19			

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

2462MHz_TX

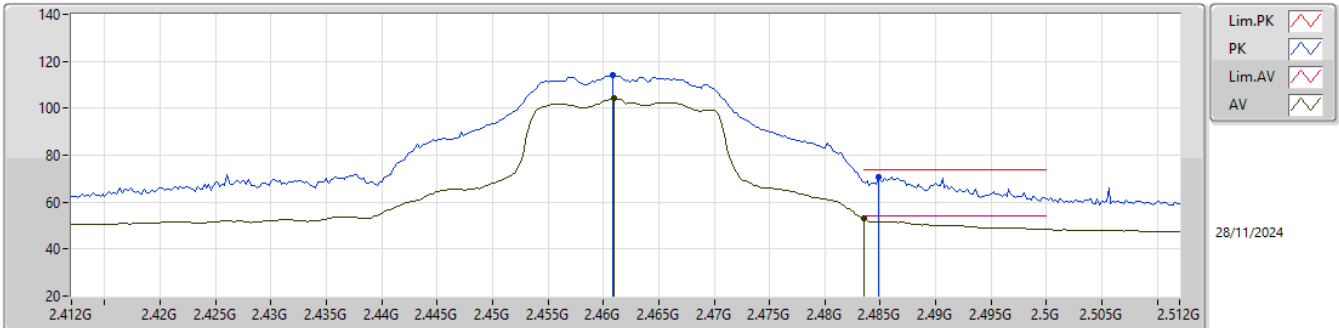


EUT_Z_2TX
Setting 18
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4614G	112.43	Inf	-Inf	80.31	3	Vertical	24	2.01	-	27.39	4.73	-			
AV	2.4614G	102.04	Inf	-Inf	69.92	3	Vertical	24	2.01	-	27.39	4.73	-			
PK	2.4836G	72.03	74.00	-1.97	39.82	3	Vertical	24	2.01	-	27.44	4.77	-			
AV	2.4835G	51.97	54.00	-2.03	19.77	3	Vertical	24	2.01	-	27.43	4.77	-			

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

2462MHz_TX

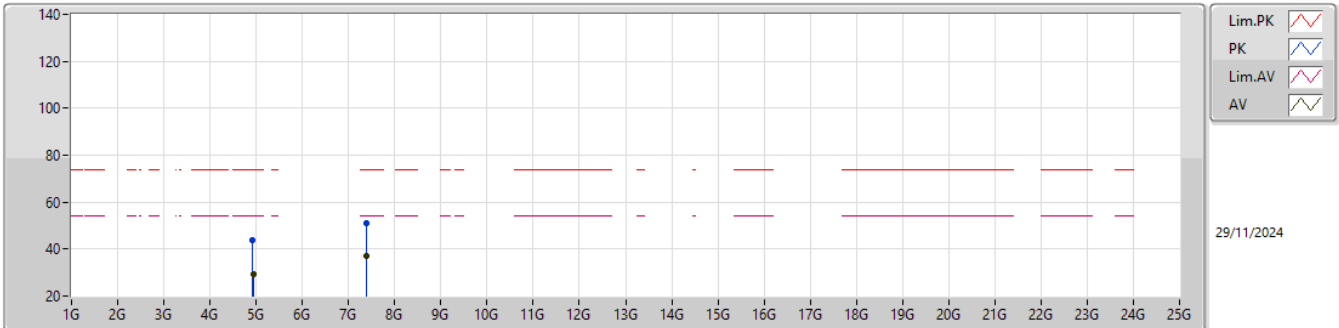


EUT_Z_2TX
Setting 18
06-D-B-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.4608G	114.00	Inf	-Inf	81.88	3	Horizontal	0	2.54	-	27.39	4.73	-				
AV	2.461G	104.06	Inf	-Inf	71.94	3	Horizontal	0	2.54	-	27.39	4.73	-				
PK	2.4848G	70.91	74.00	-3.09	38.69	3	Horizontal	0	2.54	-	27.45	4.77	-				
AV	2.4835G	52.95	54.00	-1.05	20.74	3	Horizontal	0	2.54	-	27.44	4.77	-				

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

2462MHz_TX

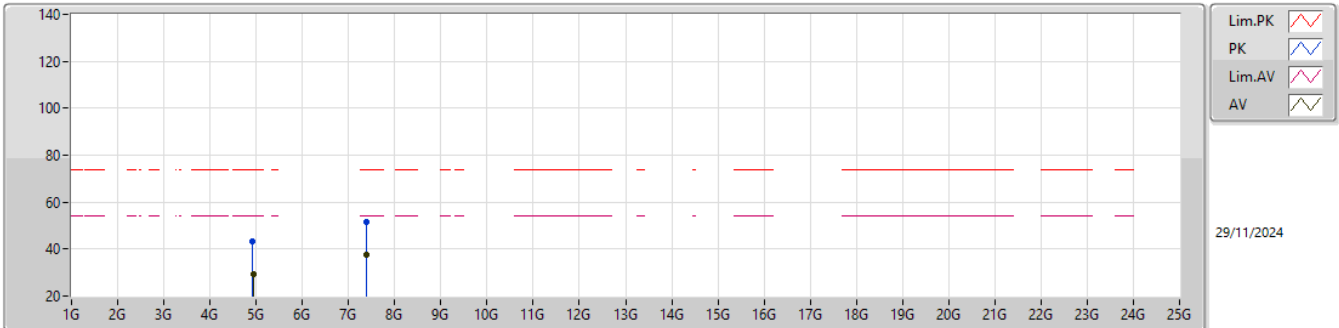


EUT Y_2TX
Setting 18
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9216G	43.64	74.00	-30.36	39.67	3	Vertical	279	2.37	-	31.39	6.56	33.98			
AV	4.93132G	29.41	54.00	-24.59	25.40	3	Vertical	279	2.37	-	31.43	6.56	33.98			
PK	7.3826G	50.91	74.00	-23.09	39.99	3	Vertical	238	1.77	-	36.47	8.64	34.19			
AV	7.37708G	37.19	54.00	-16.81	26.26	3	Vertical	238	1.77	-	36.49	8.63	34.19			

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

2462MHz_TX

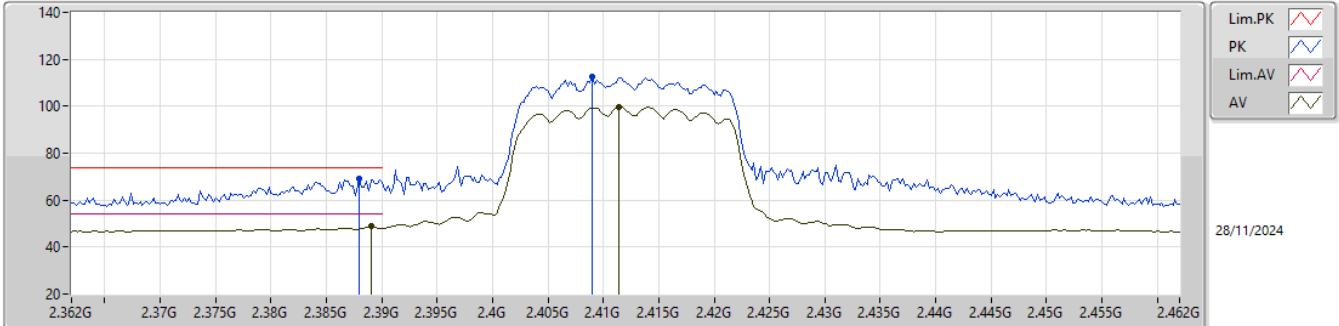


EUT_Y_2TX
Setting 18
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9158G	43.39	74.00	-30.61	39.44	3	Horizontal	152	2.20	-	31.36	6.56	33.97			
AV	4.931G	29.42	54.00	-24.58	25.42	3	Horizontal	152	2.20	-	31.42	6.56	33.98			
PK	7.39324G	51.63	74.00	-22.37	40.75	3	Horizontal	238	1.05	-	36.43	8.64	34.19			
AV	7.37708G	37.34	54.00	-16.66	26.41	3	Horizontal	238	1.05	-	36.49	8.63	34.19			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

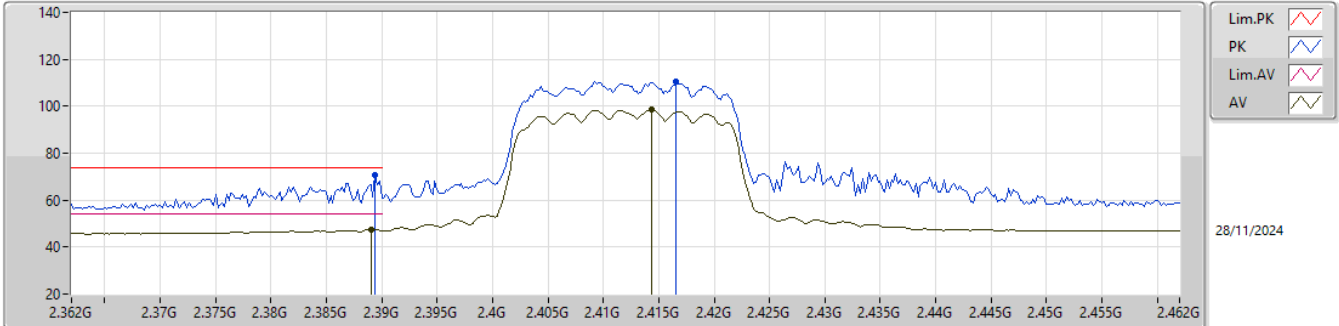


EUT_Z_2TX
Setting 18
06-D-G-4

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	2.388G	69.24	74.00	-4.76	37.02	3	Vertical	199	1.79	-	27.60	4.62	-			
AV	2.389G	48.73	54.00	-5.27	16.51	3	Vertical	199	1.79	-	27.60	4.62	-			
PK	2.409G	112.65	Inf	-Inf	80.40	3	Vertical	199	1.79	-	27.60	4.65	-			
AV	2.4114G	99.80	Inf	-Inf	67.56	3	Vertical	199	1.79	-	27.59	4.65	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

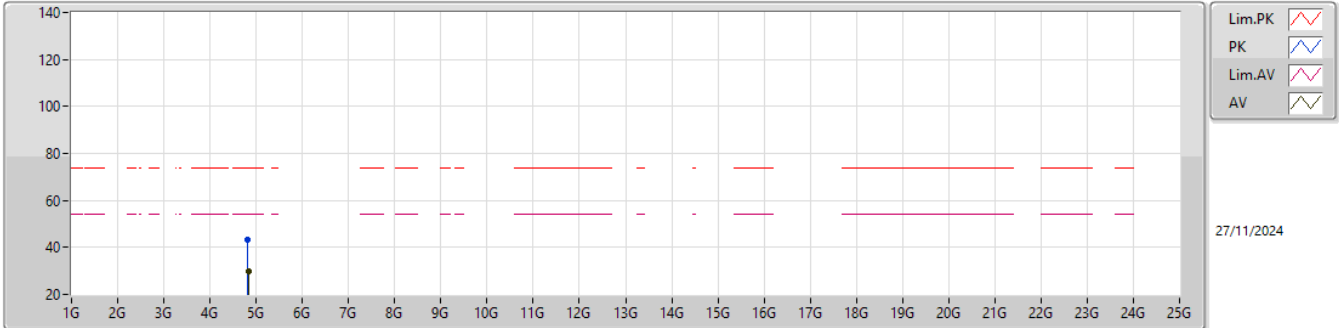


EUT_Z_2TX
Setting 18
06-D-G-4

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	70.49	74.00	-3.51	38.27	3	Horizontal	4	1.12	-	27.60	4.62	-			
AV	2.389G	47.51	54.00	-6.49	15.29	3	Horizontal	4	1.12	-	27.60	4.62	-			
PK	2.4166G	110.57	Inf	-Inf	78.38	3	Horizontal	4	1.12	-	27.53	4.66	-			
AV	2.4144G	98.37	Inf	-Inf	66.16	3	Horizontal	4	1.12	-	27.56	4.65	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

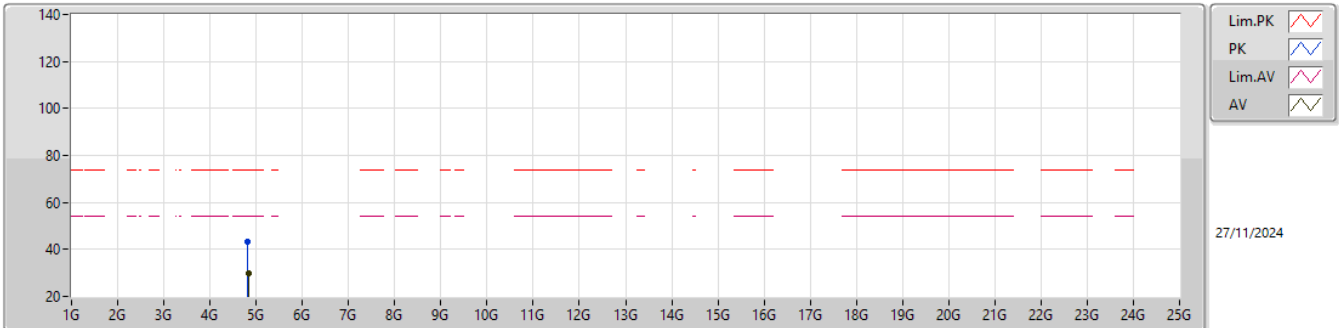


EUT_Y_2TX
Setting 18
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.81656G	43.15	74.00	-30.85	39.19	3	Vertical	353	1.66	-	31.37	6.55	33.96			
AV	4.83028G	29.95	54.00	-24.05	26.02	3	Vertical	353	1.66	-	31.34	6.55	33.96			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2412MHz_TX

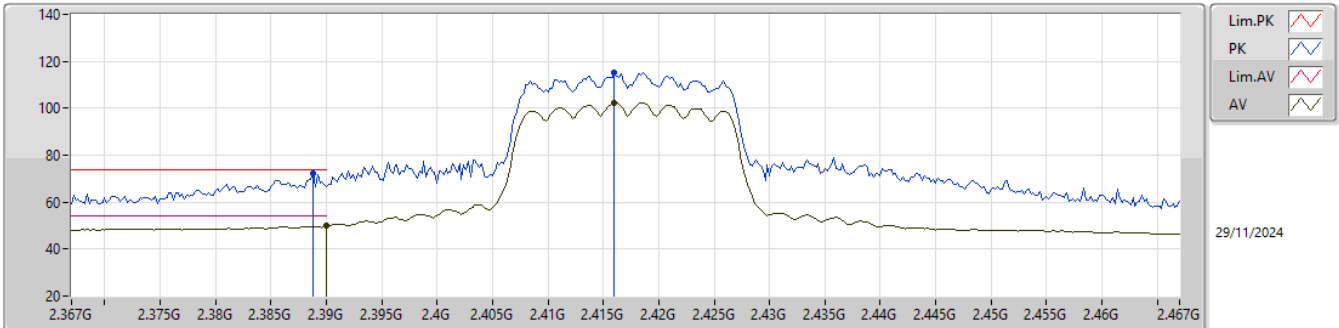


EUT_Y_2TX
Setting 18
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.82152G	43.48	74.00	-30.52	39.53	3	Horizontal	18	2.48	-	31.36	6.55	33.96			
AV	4.82984G	29.93	54.00	-24.07	26.00	3	Horizontal	18	2.48	-	31.34	6.55	33.96			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

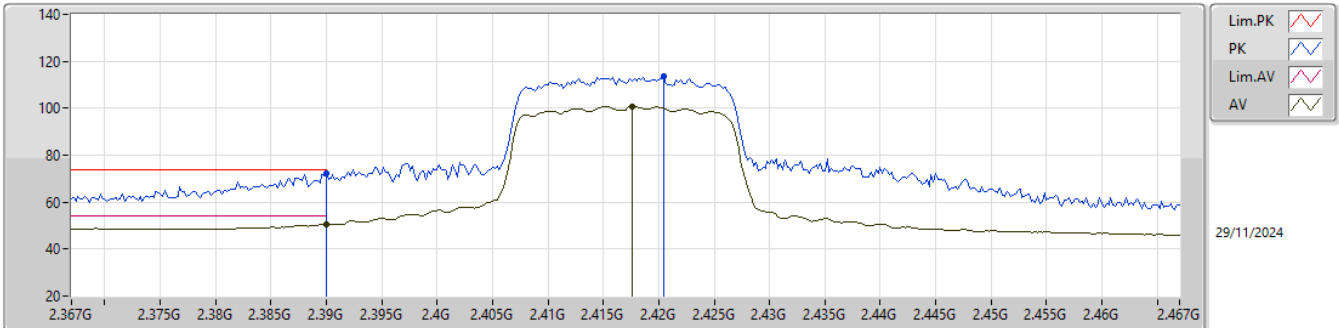


EUT_Z_2TX
Setting 18
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3888G	72.44	74.00	-1.56	40.22	3	Vertical	265	1.43	-	27.60	4.62	-			
AV	2.39G	49.76	54.00	-4.24	17.54	3	Vertical	265	1.43	-	27.60	4.62	-			
PK	2.416G	115.10	Inf	-Inf	82.90	3	Vertical	265	1.43	-	27.54	4.66	-			
AV	2.416G	102.16	Inf	-Inf	69.96	3	Vertical	265	1.43	-	27.54	4.66	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2417MHz_TX

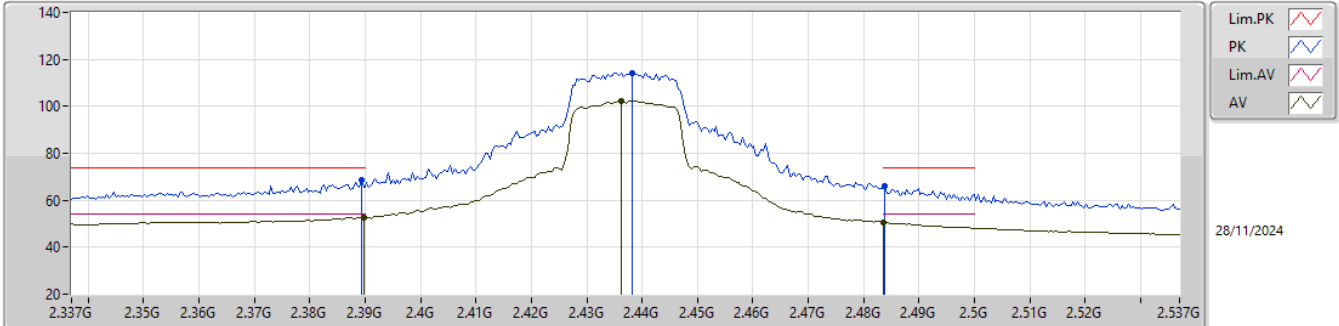


EUT_Z_2TX
Setting 18
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	72.00	74.00	-2.00	39.78	3	Horizontal	356	1.01	-	27.60	4.62	-			
AV	2.39G	50.47	54.00	-3.53	18.25	3	Horizontal	356	1.01	-	27.60	4.62	-			
PK	2.4204G	113.73	Inf	-Inf	81.57	3	Horizontal	356	1.01	-	27.50	4.66	-			
AV	2.4176G	100.86	Inf	-Inf	68.68	3	Horizontal	356	1.01	-	27.52	4.66	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

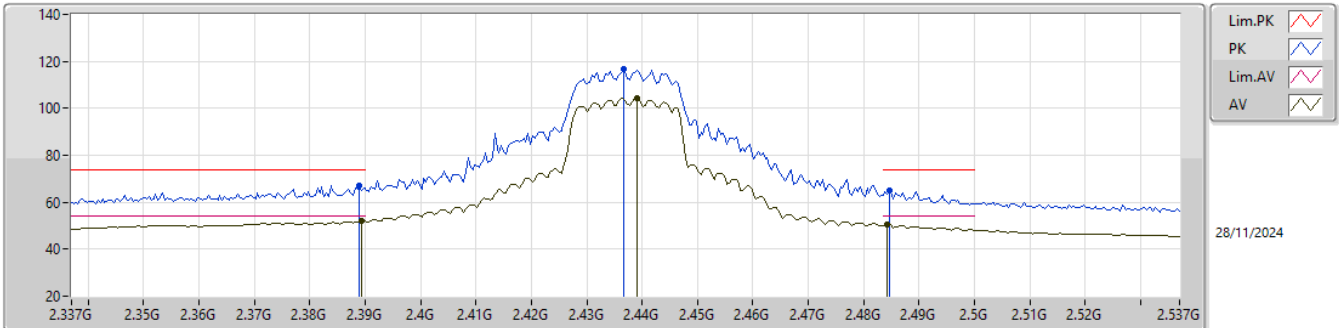


EUT_Z_2TX
Setting 21
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	68.86	74.00	-5.14	36.64	3	Vertical	358	1.95	-	27.60	4.62	-			
AV	2.3898G	52.75	54.00	-1.25	20.53	3	Vertical	358	1.95	-	27.60	4.62	-			
PK	2.4382G	114.36	Inf	-Inf	82.25	3	Vertical	358	1.95	-	27.42	4.69	-			
AV	2.4362G	102.36	Inf	-Inf	70.23	3	Vertical	358	1.95	-	27.44	4.69	-			
PK	2.4838G	66.28	74.00	-7.72	34.07	3	Vertical	358	1.95	-	27.44	4.77	-			
AV	2.4835G	50.58	54.00	-3.42	18.37	3	Vertical	358	1.95	-	27.44	4.77	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

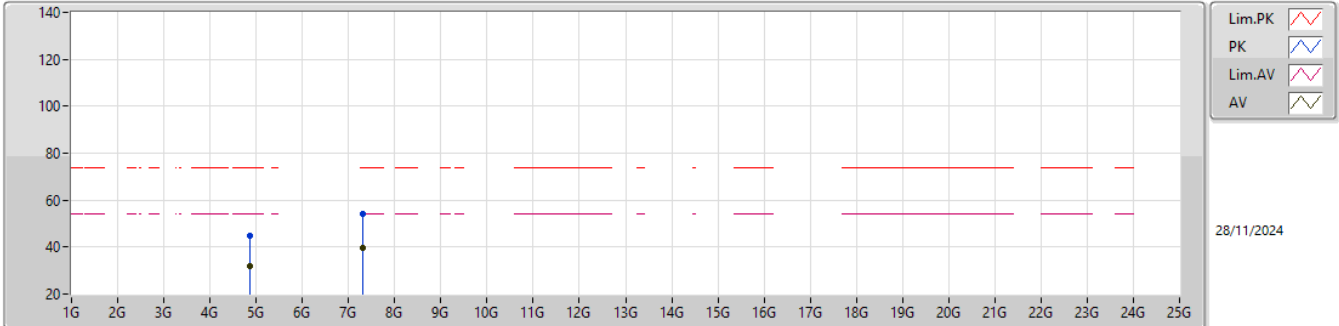


EUT_Z_2TX
Setting 21
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.389G	67.22	74.00	-6.78	35.00	3	Horizontal	31	1.88	-	27.60	4.62	-			
AV	2.3894G	52.05	54.00	-1.95	19.83	3	Horizontal	31	1.88	-	27.60	4.62	-			
PK	2.4366G	116.54	Inf	-Inf	84.42	3	Horizontal	31	1.88	-	27.43	4.69	-			
AV	2.439G	104.34	Inf	-Inf	72.23	3	Horizontal	31	1.88	-	27.41	4.70	-			
PK	2.4846G	64.79	74.00	-9.21	32.57	3	Horizontal	31	1.88	-	27.45	4.77	-			
AV	2.4842G	50.48	54.00	-3.52	18.27	3	Horizontal	31	1.88	-	27.44	4.77	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

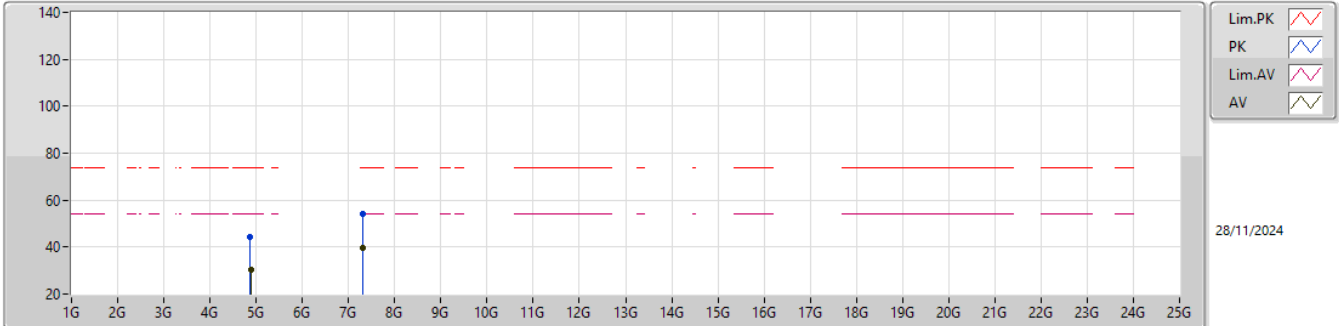


EUT_Y_2TX
Setting 21
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87504G	44.76	74.00	-29.24	40.88	3	Vertical	228	2.10	-	31.30	6.55	33.97			
AV	4.87504G	32.03	54.00	-21.97	28.15	3	Vertical	228	2.10	-	31.30	6.55	33.97			
PK	7.30704G	54.00	74.00	-20.00	43.02	3	Vertical	338	2.32	-	36.60	8.57	34.19			
AV	7.31236G	39.58	54.00	-14.42	28.59	3	Vertical	338	2.32	-	36.60	8.58	34.19			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2437MHz_TX

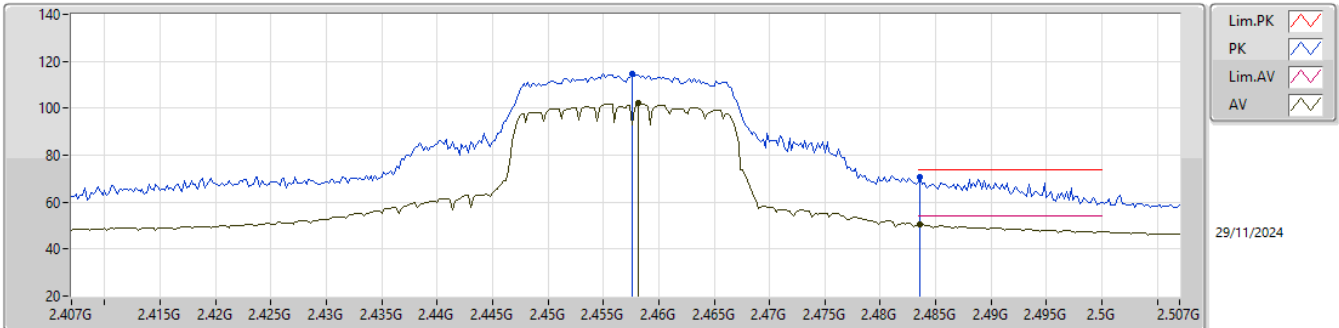


EUT_Y_2TX
Setting 21
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87084G	44.11	74.00	-29.89	40.23	3	Horizontal	152	1.80	-	31.30	6.55	33.97			
AV	4.87748G	30.49	54.00	-23.51	26.61	3	Horizontal	152	1.80	-	31.30	6.55	33.97			
PK	7.31208G	54.28	74.00	-19.72	43.29	3	Horizontal	20	2.52	-	36.60	8.58	34.19			
AV	7.3072G	39.87	54.00	-14.13	28.89	3	Horizontal	20	2.52	-	36.60	8.57	34.19			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

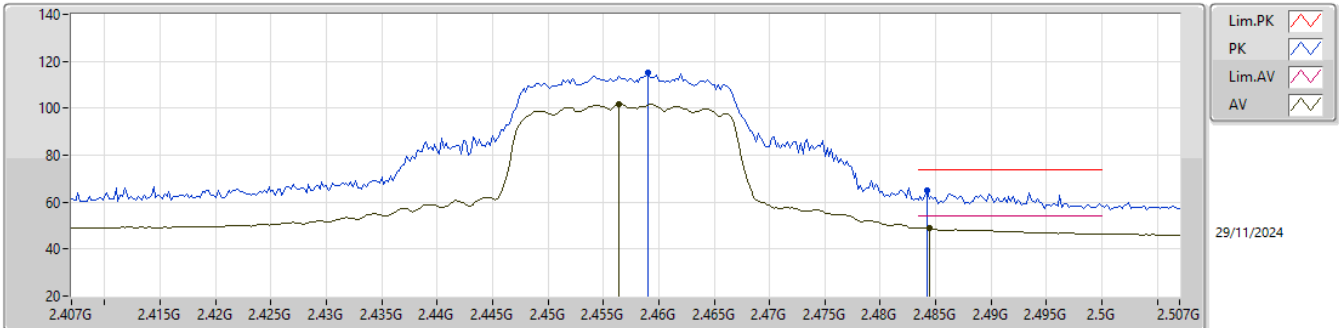


EUT_Z_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4576G	114.73	Inf	-Inf	82.58	3	Vertical	16	1.88	-	27.42	4.73	-			
AV	2.4582G	102.00	Inf	-Inf	69.85	3	Vertical	16	1.88	-	27.42	4.73	-			
PK	2.4836G	70.44	74.00	-3.56	38.23	3	Vertical	16	1.88	-	27.44	4.77	-			
AV	2.4836G	50.43	54.00	-3.57	18.22	3	Vertical	16	1.88	-	27.44	4.77	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2457MHz_TX

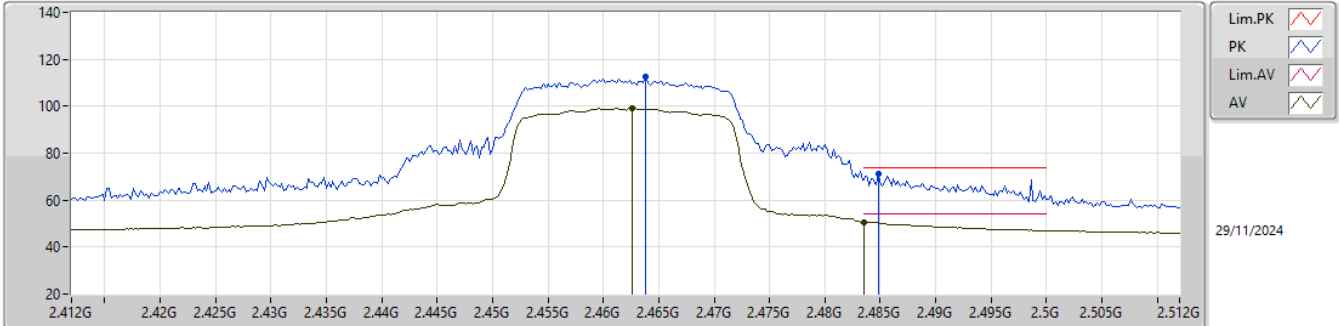


EUT_Z_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.459G	114.96	Inf	-Inf	82.82	3	Horizontal	27	1.98	-	27.41	4.73	-			
AV	2.4564G	101.64	Inf	-Inf	69.47	3	Horizontal	27	1.98	-	27.44	4.73	-			
PK	2.4842G	65.14	74.00	-8.86	32.93	3	Horizontal	27	1.98	-	27.44	4.77	-			
AV	2.4844G	49.03	54.00	-4.97	16.82	3	Horizontal	27	1.98	-	27.44	4.77	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

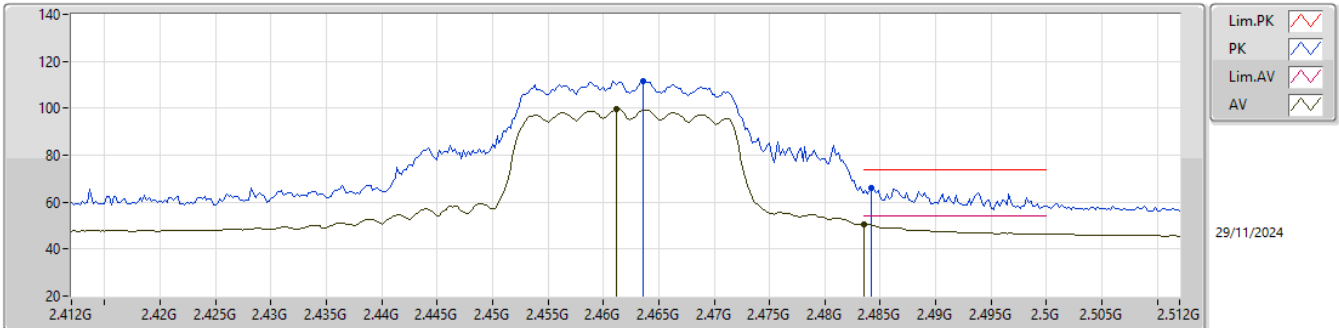


EUT_Z_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4638G	112.53	Inf	-Inf	80.43	3	Vertical	4	1.80	-	27.36	4.74	-			
AV	2.4626G	99.01	Inf	-Inf	66.90	3	Vertical	4	1.80	-	27.37	4.74	-			
PK	2.4848G	71.40	74.00	-2.60	39.18	3	Vertical	4	1.80	-	27.45	4.77	-			
AV	2.4835G	50.48	54.00	-3.52	18.28	3	Vertical	4	1.80	-	27.43	4.77	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

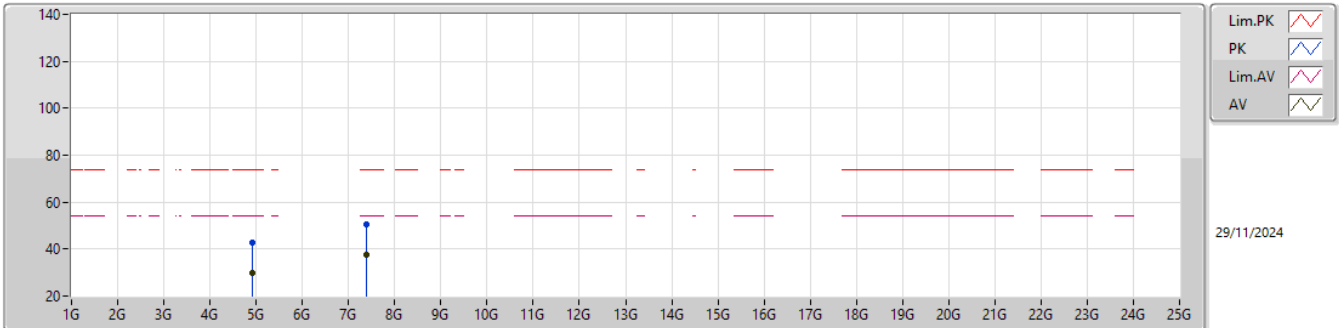


EUT_Z_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.4636G	111.40	Inf	-Inf	79.30	3	Horizontal	357	1.80	-	27.36	4.74	-			
AV	2.4612G	99.56	Inf	-Inf	67.44	3	Horizontal	357	1.80	-	27.39	4.73	-			
PK	2.4842G	66.24	74.00	-7.76	34.03	3	Horizontal	357	1.80	-	27.44	4.77	-			
AV	2.4835G	50.45	54.00	-3.55	18.25	3	Horizontal	357	1.80	-	27.43	4.77	-			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

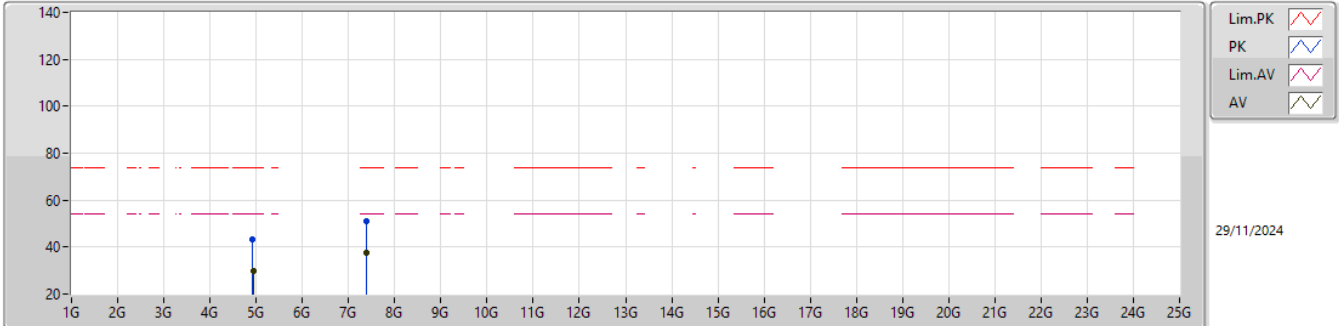


EUT_Y_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92036G	42.68	74.00	-31.32	38.72	3	Vertical	267	1.56	-	31.38	6.56	33.98			
AV	4.92956G	29.76	54.00	-24.24	25.76	3	Vertical	267	1.56	-	31.42	6.56	33.98			
PK	7.38524G	50.51	74.00	-23.49	39.60	3	Vertical	166	2.01	-	36.46	8.64	34.19			
AV	7.37684G	37.60	54.00	-16.40	26.67	3	Vertical	166	2.01	-	36.49	8.63	34.19			

2.4-2.4835GHz_802.11ax HEW20_Nss1,(MCS0)_2TX

2462MHz_TX

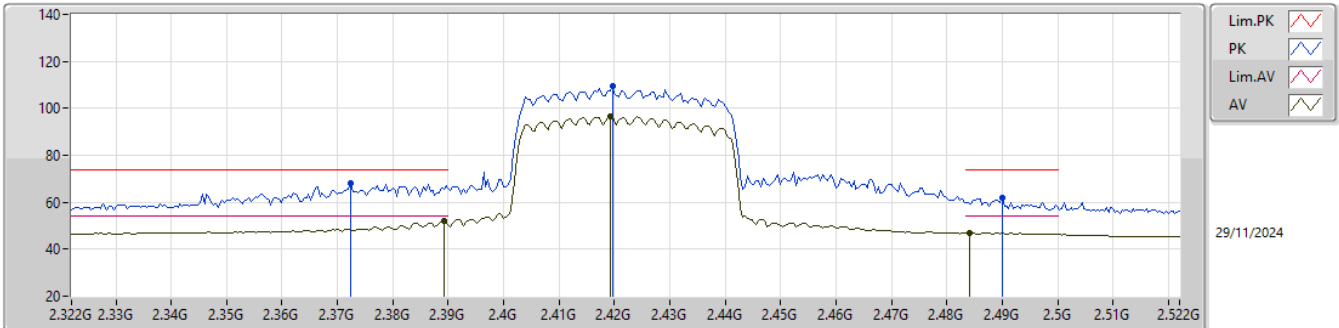


EUT_Y_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.91964G	43.46	74.00	-30.54	39.50	3	Horizontal	89	1.61	-	31.38	6.56	33.98			
AV	4.934G	29.85	54.00	-24.15	25.83	3	Horizontal	89	1.61	-	31.44	6.56	33.98			
PK	7.39492G	51.15	74.00	-22.85	40.27	3	Horizontal	238	1.92	-	36.42	8.65	34.19			
AV	7.37764G	37.60	54.00	-16.40	26.67	3	Horizontal	238	1.92	-	36.49	8.63	34.19			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

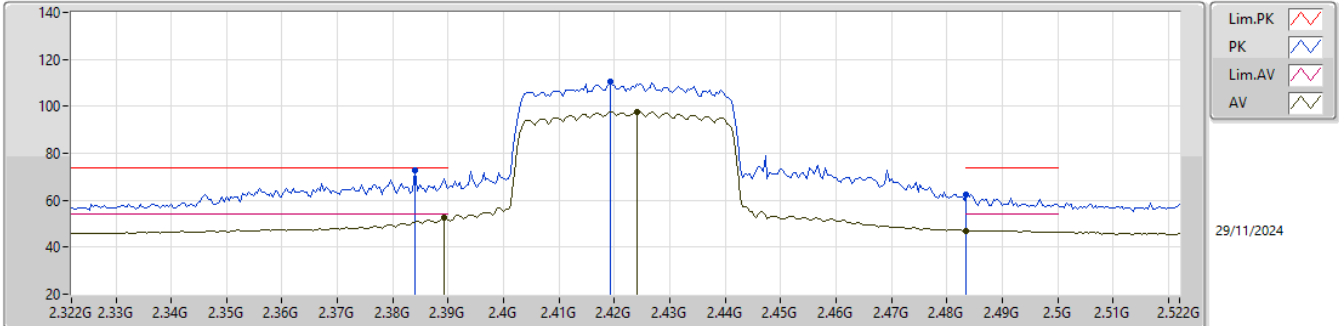


EUT_Z_2TX
Setting 17
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3724G	68.09	74.00	-5.91	35.80	3	Vertical	196	1.80	-	27.68	4.61	-			
AV	2.3892G	51.91	54.00	-2.09	19.69	3	Vertical	196	1.80	-	27.60	4.62	-			
PK	2.4196G	109.39	Inf	-Inf	77.23	3	Vertical	196	1.80	-	27.50	4.66	-			
AV	2.4192G	96.44	Inf	-Inf	64.27	3	Vertical	196	1.80	-	27.51	4.66	-			
PK	2.49G	62.09	74.00	-11.91	29.81	3	Vertical	196	1.80	-	27.50	4.78	-			
AV	2.484G	46.98	54.00	-7.02	14.77	3	Vertical	196	1.80	-	27.44	4.77	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

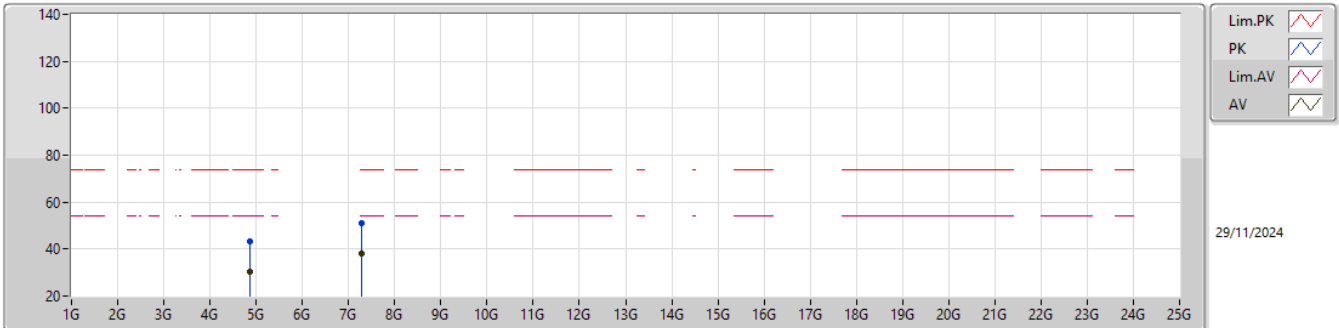


EUT_Z_2TX
Setting 17
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.384G	72.86	74.00	-1.14	40.64	3	Horizontal	28	1.96	-	27.60	4.62	-			
AV	2.3892G	52.61	54.00	-1.39	20.39	3	Horizontal	28	1.96	-	27.60	4.62	-			
PK	2.4192G	110.54	Inf	-Inf	78.37	3	Horizontal	28	1.96	-	27.51	4.66	-			
AV	2.424G	97.76	Inf	-Inf	65.59	3	Horizontal	28	1.96	-	27.50	4.67	-			
PK	2.4835G	62.53	74.00	-11.47	30.33	3	Horizontal	28	1.96	-	27.43	4.77	-			
AV	2.4835G	47.14	54.00	-6.86	14.94	3	Horizontal	28	1.96	-	27.43	4.77	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

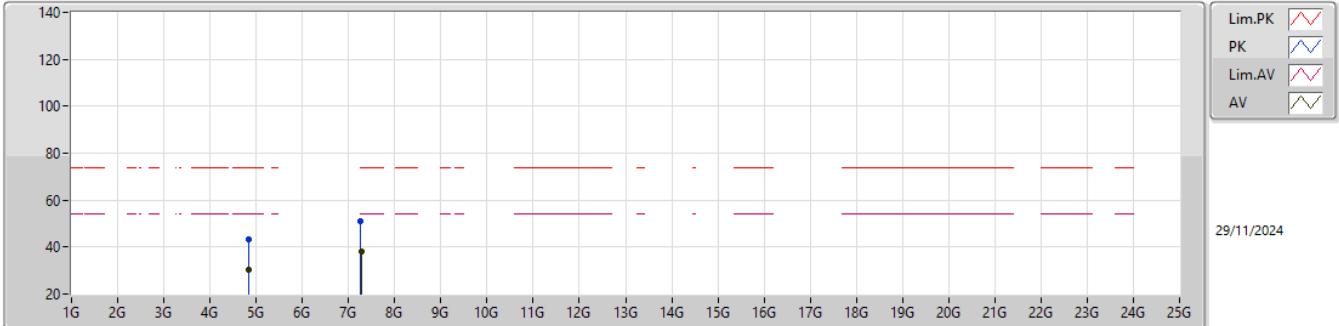


EUT_Y_2TX
Setting 17
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.85284G	43.38	74.00	-30.62	39.49	3	Vertical	180	1.29	-	31.30	6.55	33.96			
AV	4.85212G	30.47	54.00	-23.53	26.58	3	Vertical	180	1.29	-	31.30	6.55	33.96			
PK	7.27268G	51.12	74.00	-22.88	40.28	3	Vertical	13	1.82	-	36.49	8.54	34.19			
AV	7.27456G	38.03	54.00	-15.97	27.18	3	Vertical	13	1.82	-	36.50	8.54	34.19			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2422MHz_TX

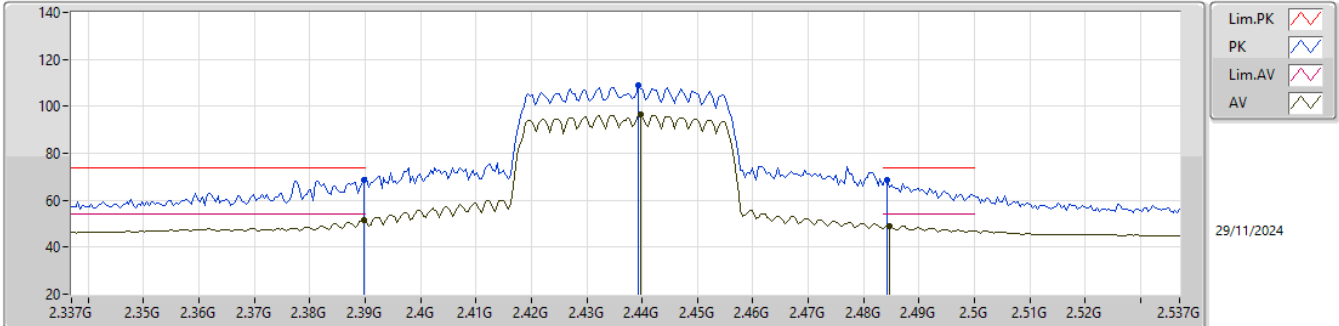


EUT_Y_2TX
Setting 17
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.83504G	43.19	74.00	-30.81	39.27	3	Horizontal	127	2.54	-	31.33	6.55	33.96			
AV	4.8356G	30.33	54.00	-23.67	26.41	3	Horizontal	127	2.54	-	31.33	6.55	33.96			
PK	7.26476G	51.08	74.00	-22.92	40.27	3	Horizontal	193	2.06	-	36.46	8.54	34.19			
AV	7.27464G	38.07	54.00	-15.93	27.22	3	Horizontal	193	2.06	-	36.50	8.54	34.19			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

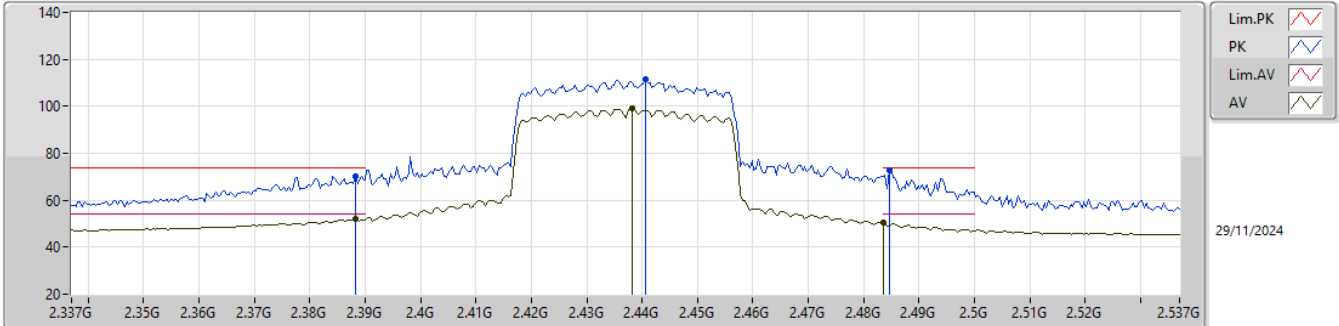


EUT_Z_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	68.77	74.00	-5.23	36.55	3	Vertical	285	1.80	-	27.60	4.62	-			
AV	2.3898G	51.36	54.00	-2.64	19.14	3	Vertical	285	1.80	-	27.60	4.62	-			
PK	2.4394G	108.99	Inf	-Inf	76.88	3	Vertical	285	1.80	-	27.41	4.70	-			
AV	2.4398G	96.54	Inf	-Inf	64.44	3	Vertical	285	1.80	-	27.40	4.70	-			
PK	2.4842G	68.86	74.00	-5.14	36.65	3	Vertical	285	1.80	-	27.44	4.77	-			
AV	2.4846G	49.11	54.00	-4.89	16.89	3	Vertical	285	1.80	-	27.45	4.77	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

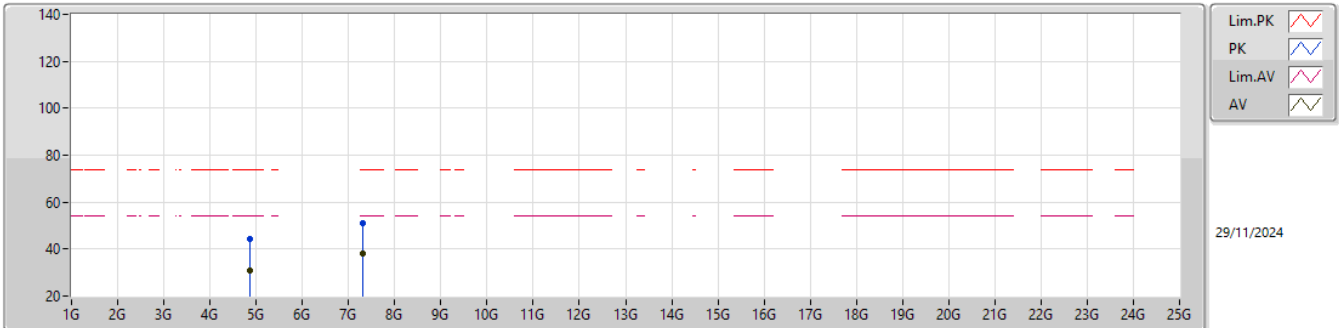


EUT_Z_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3882G	70.26	74.00	-3.74	38.04	3	Horizontal	30	2.81	-	27.60	4.62	-			
AV	2.3882G	51.91	54.00	-2.09	19.69	3	Horizontal	30	2.81	-	27.60	4.62	-			
PK	2.4406G	111.58	Inf	-Inf	79.47	3	Horizontal	30	2.81	-	27.41	4.70	-			
AV	2.4382G	99.09	Inf	-Inf	66.98	3	Horizontal	30	2.81	-	27.42	4.69	-			
PK	2.4846G	72.64	74.00	-1.36	40.42	3	Horizontal	30	2.81	-	27.45	4.77	-			
AV	2.4835G	50.48	54.00	-3.52	18.28	3	Horizontal	30	2.81	-	27.43	4.77	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

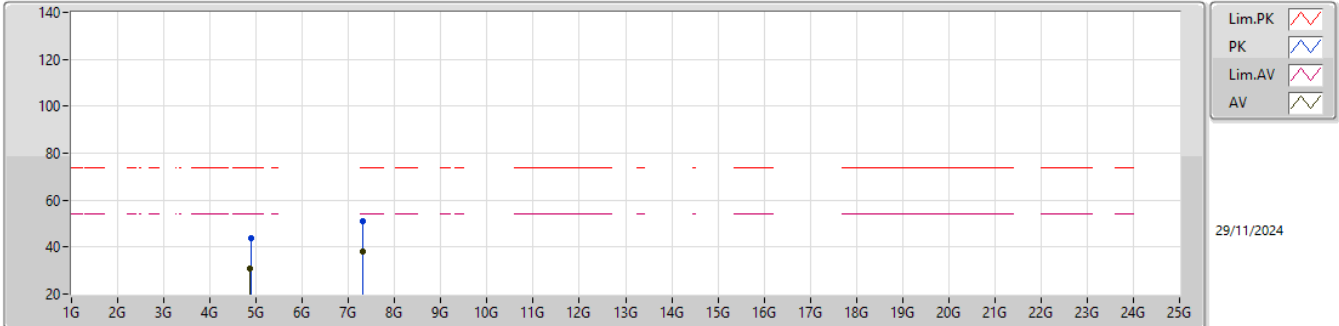


EUT_Y_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.86964G	44.54	74.00	-29.46	40.66	3	Vertical	183	1.02	-	31.30	6.55	33.97			
AV	4.875G	30.95	54.00	-23.05	27.07	3	Vertical	183	1.02	-	31.30	6.55	33.97			
PK	7.30672G	50.82	74.00	-23.18	39.84	3	Vertical	66	1.25	-	36.60	8.57	34.19			
AV	7.30832G	37.98	54.00	-16.02	27.00	3	Vertical	66	1.25	-	36.60	8.57	34.19			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2437MHz_TX

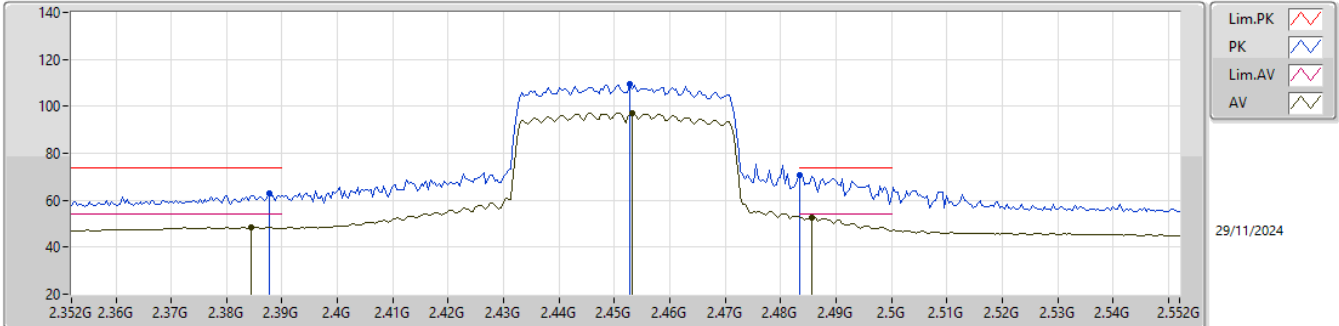


EUT_Y_2TX
Setting 17.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87752G	43.72	74.00	-30.28	39.84	3	Horizontal	242	1.79	-	31.30	6.55	33.97			
AV	4.87456G	30.85	54.00	-23.15	26.97	3	Horizontal	242	1.79	-	31.30	6.55	33.97			
PK	7.30556G	51.25	74.00	-22.75	40.27	3	Horizontal	321	1.63	-	36.60	8.57	34.19			
AV	7.31876G	37.89	54.00	-16.11	26.90	3	Horizontal	321	1.63	-	36.60	8.58	34.19			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

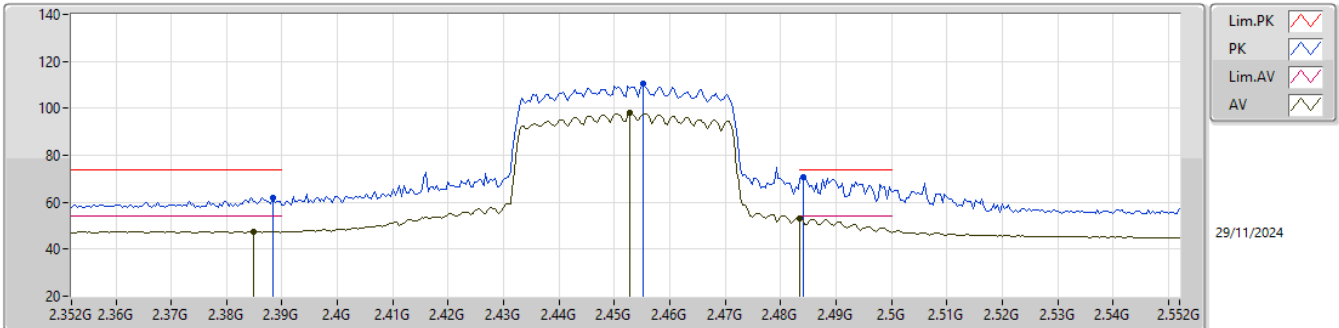


EUT_Z_2TX
Setting 16.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3876G	62.75	74.00	-11.25	30.53	3	Vertical	30	2.81	-	27.60	4.62	-			
AV	2.3844G	48.39	54.00	-5.61	16.17	3	Vertical	30	2.81	-	27.60	4.62	-			
PK	2.4528G	109.60	Inf	-Inf	77.41	3	Vertical	30	2.81	-	27.47	4.72	-			
AV	2.4532G	96.95	Inf	-Inf	64.76	3	Vertical	30	2.81	-	27.47	4.72	-			
PK	2.4835G	70.84	74.00	-3.16	38.64	3	Vertical	30	2.81	-	27.43	4.77	-			
AV	2.4856G	52.77	54.00	-1.23	20.53	3	Vertical	30	2.81	-	27.46	4.78	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

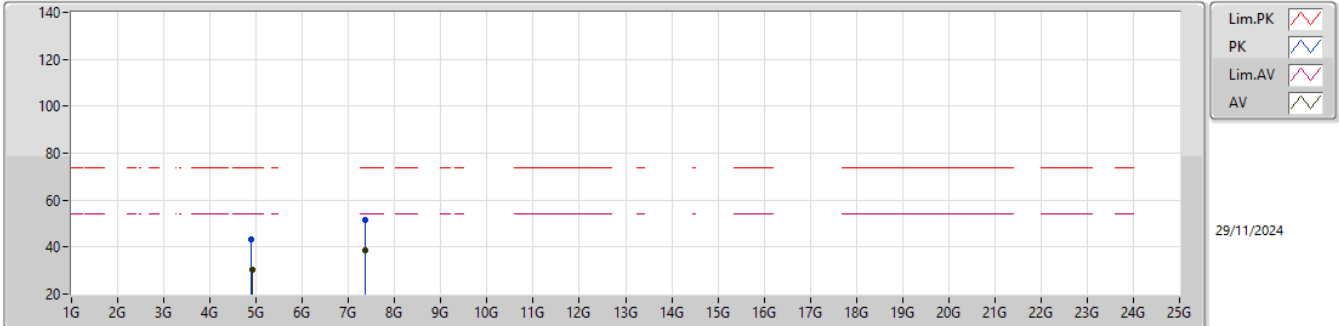


EUT_Z_2TX
Setting 16.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3884G	62.10	74.00	-11.90	29.88	3	Horizontal	40	2.96	-	27.60	4.62	-			
AV	2.3848G	47.60	54.00	-6.40	15.38	3	Horizontal	40	2.96	-	27.60	4.62	-			
PK	2.4552G	110.33	Inf	-Inf	78.16	3	Horizontal	40	2.96	-	27.45	4.72	-			
AV	2.4528G	97.93	Inf	-Inf	65.74	3	Horizontal	40	2.96	-	27.47	4.72	-			
PK	2.484G	70.90	74.00	-3.10	38.69	3	Horizontal	40	2.96	-	27.44	4.77	-			
AV	2.4835G	52.89	54.00	-1.11	20.69	3	Horizontal	40	2.96	-	27.43	4.77	-			

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX

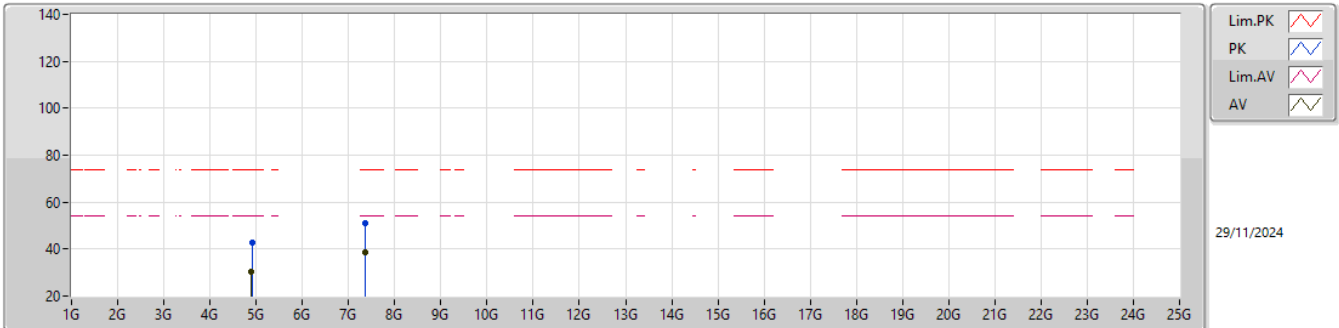


EUT_Y_2TX
Setting 16.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.90156G	43.06	74.00	-30.94	39.16	3	Vertical	268	1.14	-	31.31	6.56	33.97				
AV	4.90376G	30.18	54.00	-23.82	26.27	3	Vertical	268	1.14	-	31.32	6.56	33.97				
PK	7.3554G	51.68	74.00	-22.32	40.68	3	Vertical	240	1.01	-	36.58	8.61	34.19				
AV	7.3548G	38.50	54.00	-15.50	27.50	3	Vertical	240	1.01	-	36.58	8.61	34.19				

2.4-2.4835GHz_802.11ax HEW40_Nss1,(MCS0)_2TX

2452MHz_TX



EUT_Y_2TX
Setting 16.5
06-D-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.90744G	42.89	74.00	-31.11	38.97	3	Horizontal	17	1.82	-	31.33	6.56	33.97			
AV	4.9034G	30.17	54.00	-23.83	26.27	3	Horizontal	17	1.82	-	31.31	6.56	33.97			
PK	7.36164G	51.22	74.00	-22.78	40.24	3	Horizontal	305	1.94	-	36.55	8.62	34.19			
AV	7.34976G	38.42	54.00	-15.58	27.40	3	Horizontal	305	1.94	-	36.60	8.61	34.19			