

Testing Laboratory
3787

RADIO TEST REPORT

FCC ID : I88EE6510-10
Equipment : Tri-Band Wireless BE18000 10G Ethernet Gateway
Brand Name : ZYXEL
Model Name : EE6510-10
Applicant : Zyxel Communications Corporation
No.2 Industry East RD. IX, Hsinchu Science Park,
Hsinchu 30075, Taiwan
Manufacturer : Zyxel Communications Corporation
No.2 Industry East RD. IX, Hsinchu Science Park,
Hsinchu 30075, Taiwan, R.O.C
Standard : 47 CFR FCC Part 15.247

The product was received on May 30, 2024, and testing was started from May 30, 2024 and completed on Jul. 18, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Rex Liao

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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History of this test report

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

Page Number : 3 of 30
Issued Date : Dec. 03, 2024
Report Version : 01



Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen

Report Producer: 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), be (EHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), VHT40, ax (HEW40), be (EHT40)	2422-2452	3-9 [7]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	3TX
2.4-2.4835GHz	802.11g	20	3TX
2.4-2.4835GHz	802.11n HT20	20	3TX
2.4-2.4835GHz	802.11n HT20-BF	20	3TX
2.4-2.4835GHz	VHT20	20	3TX
2.4-2.4835GHz	VHT20-BF	20	3TX
2.4-2.4835GHz	802.11ax HEW20	20	3TX
2.4-2.4835GHz	802.11ax HEW20-BF	20	3TX
2.4-2.4835GHz	802.11be EHT20	20	3TX
2.4-2.4835GHz	802.11be EHT20-BF	20	3TX
2.4-2.4835GHz	802.11n HT40	40	3TX
2.4-2.4835GHz	802.11n HT40-BF	40	3TX
2.4-2.4835GHz	VHT40	40	3TX
2.4-2.4835GHz	VHT40-BF	40	3TX
2.4-2.4835GHz	802.11ax HEW40	40	3TX
2.4-2.4835GHz	802.11ax HEW40-BF	40	3TX
2.4-2.4835GHz	802.11be EHT40	40	3TX
2.4-2.4835GHz	802.11be EHT40-BF	40	3TX

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 modulation.
- ♦ HEW20, HEW40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Antenna Position	Port			Brand	Model Name	Ant. Type	Connector	Gain (dBi)
		WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz					
1	2G Ant1	1	-	-	INPAQ	RFPCA351506IMAB401	PCB	I-Pex	Note 1
2	2G Ant2	2	-	-	INPAQ	RFPCA351510IMAB401	PCB	I-Pex	
3	2G Ant3	3	-	-	INPAQ	RFPCA351511IMAB404	PCB	I-Pex	
4	5G Ant1	-	1	-	INPAQ	RFPCA201022IM5B901	PCB	I-Pex	
5	5G Ant2	-	2	-	INPAQ	RFPCA201022IM5B902	PCB	I-Pex	
6	5G Ant3	-	3	-	INPAQ	RFPCA201027IM5B903	PCB	I-Pex	
7	5G Ant4	-	4	-	INPAQ	RFPCA201026IM5B903	PCB	I-Pex	
8	6G Ant1	-	-	1	INPAQ	RFDPA100510IM6B902	TUBE	I-Pex	
9	6G Ant2	-	-	2	INPAQ	RFDPA100509IM6B902	TUBE	I-Pex	
10	6G Ant3	-	-	3	INPAQ	RFDPA100509IM6B903	TUBE	I-Pex	
11	6G Ant4	-	-	4	INPAQ	RFDPA100509IM6B904	TUBE	I-Pex	

Note 1:

Ant.	Antenna Gain (dBi)										
	WLAN 2.4GHz			WLAN 5GHz				WLAN 6GHz			
	2.4G	2.45G	2.4835G	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
1	4.6	4.82	4.21	-	-	-	-	-	-	-	-
2	2.28	2.32	2.08	-	-	-	-	-	-	-	-
3	3.99	3.32	3.68	-	-	-	-	-	-	-	-
4	-	-	-	2.08	2.09	2.45	2.12	-	-	-	-
5	-	-	-	2.02	2.11	2.64	2.51	-	-	-	-
6	-	-	-	2.12	2.31	3.78	3.46	-	-	-	-
7	-	-	-	3.42	4.1	4.6	4.37	-	-	-	-
8	-	-	-	-	-	-	-	2.67	3.01	3.78	3.22
9	-	-	-	-	-	-	-	3.25	4.65	2.61	4.19
10	-	-	-	-	-	-	-	3.91	2.75	2.19	2.95
11	-	-	-	-	-	-	-	2.99	2.38	3.08	2.28

Item	Antenna Gain (dBi)										
	WLAN 2.4GHz			WLAN 5GHz				WLAN 6GHz			
	2.4G	2.45G	2.4835G	UNII 1	UNII 2A	UNII 2C	UNII 3	UNII 5	UNII 6	UNII 7	UNII 8
3T1S	5.3	4.85	4.71	-	-	-	-	-	-	-	-
3T2S	4.6	4.82	4.21	-	-	-	-	-	-	-	-
3T3S	4.6	4.82	4.21	-	-	-	-	-	-	-	-
4T1S	-	-	-	3.55	4.37	5.13	4.9	6.77	5.29	6.49	5.08
4T2S	-	-	-	3.42	4.1	4.6	4.37	3.91	4.65	3.78	4.19
4T4S	-	-	-	3.42	4.1	4.6	4.37	3.91	4.65	3.78	4.19

Note 2: The above information (except for the antenna gain and directional gain) was declared by manufacturer.

Note 3: The antenna gain and directional gain are measured which follow the procedure of KDB 662911 D03.

Note 4: **For 2.4GHz function:****For IEEE 802.11 b/g/n/VHT/ax/be (3TX/3RX):**

Port 1~3 can be used as transmitting/receiving antenna.

Port 1~3 could transmit/receive simultaneously.

**For 5GHz function:****For IEEE 802.11a/n/ac/ax/be (4TX/4RX):**

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

For 6GHz function:**For IEEE 802.11ax/be (4TX/4RX):**

Port 1~4 can be used as transmitting/receiving antenna.

Port 1~4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.913	0.4	8.419m	300
802.11g_Nss 1,(6D)	0.544	2.64	135u	10k
802.11be EHT20_Nss 1,(M0)	0.91	0.41	330u	10k
802.11be EHT20-BF_Nss 1,(M0)	0.91	0.41	330u	10k
802.11be EHT40_Nss 1,(M0)	0.907	0.42	311.25u	10k
802.11be EHT40-BF_Nss 1,(M0)	0.907	0.42	311.25u	10k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	Access Manual Tool 3.3.0.6			
CPU Model No.	BCM4916			
2.4G Chip Model	BCM6711			
5G Chip Model	BCM6726			
6G Chip Model	BCM67263			
Firmware Version	17.10.369.39012			

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 D03 v01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Jay Lo	22.9~23.9 / 61~66	Jun. 11, 2024~ Jun. 27, 2024
Radiated < 1GHz	03CH05-CB	Stim Sung	21.9~22.4 / 55~58	Jul. 16, 2024~ Jul. 17, 2024
Radiated > 1GHz	03CH02-CB	Stim Sung	21.8~22.9 / 55~58	May 30, 2024~ Jun. 12, 2024
AC Conduction	CO01-CB	Ryan Huang	22~23 / 59~60	Jul. 18, 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))

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11b_Nss1,(1Mbps)_3TX	-
2412MHz	99
2437MHz	99
2462MHz	99
802.11g_Nss1,(6Mbps)_3TX	-
2412MHz	90
2417MHz	93
2437MHz	102
2457MHz	90
2462MHz	87
802.11be EHT20_Nss1,(MCS0)_3TX	-
2412MHz	88
2417MHz	93
2437MHz	97
2457MHz	92
2462MHz	85
802.11be EHT40_Nss1,(MCS0)_3TX	-
2422MHz	80
2437MHz	81
2452MHz	76
802.11be EHT20-BF_Nss1,(MCS0)_3TX	-
2412MHz	88
2417MHz	93
2437MHz	97
2457MHz	92
2462MHz	85
802.11be EHT40-BF_Nss1,(MCS0)_3TX	-
2422MHz	80
2437MHz	81
2452MHz	76

Note:

- ♦ EHT20 / EHT40 covers HT20 / HT40 / VHT20 / VHT40 / HEW20 / HEW40 due to similar modulation. The power setting for HT20 / HT40 / VHT20 / VHT40 / HEW20 / HEW40 is the same or lower than EHT20 / EHT40.
- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been evaluated to be the worst case, so it was selected to test. The beamforming mode evaluates the output power only.

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 + Adapter 1
2	EUT + Adapter 2
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

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
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis + Adapter 1
2	EUT in Y axis + Adapter 2
For operating, mode 1 is the worst case and it was recorded in this test report.	
Operating Mode > 1GHz	CTX
	After evaluating, EUT in Y axis was the worst case, so the measurement will follow this same test configuration.
1	EUT in Y axis



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + WLAN 6GHz
Refer to Sporton Test Report No.: FA453021-01 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter 1	MOSO	MSS-V3500WR120-042A0-US	Input: 100-240V~50/60Hz, 1.2A max. Output: 12V, 3.5A
Adapter 2	DVE	DSA-36PFN-12FUS 120300	Input: 100-240V~50/60Hz, 1.0A Output: +12.0V, 3.0A, 36.0W
Others			
RJ-45 cable: Non-shielded, 1m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	10G WAN PC	ASUS	S300TA	TX2-RTL8821CE
B	10G LAN PC	ASUS	S300TA	TX2-RTL8821CE
C	1G LAN NB	Lenovo	T400	N/A
D	2.4G NB	Lenovo	T400	N/A
E	5G NB	Lenovo	T400	N/A
F	6G NB	Lenovo	TP00103J	N/A
G	Flash disk3.0	Transcend	JetFlash-703	N/A

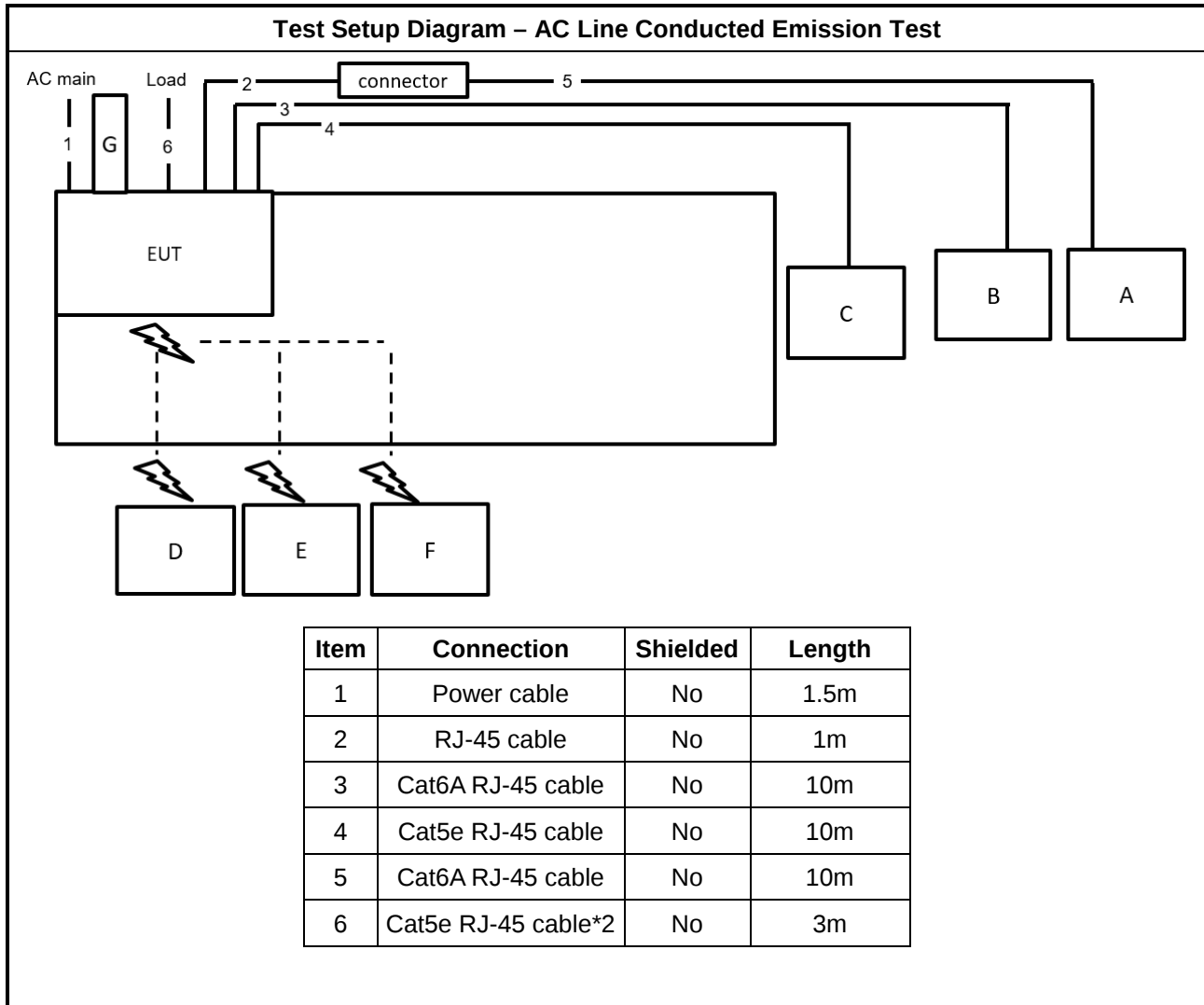
**For Radiated < 1GHz:**

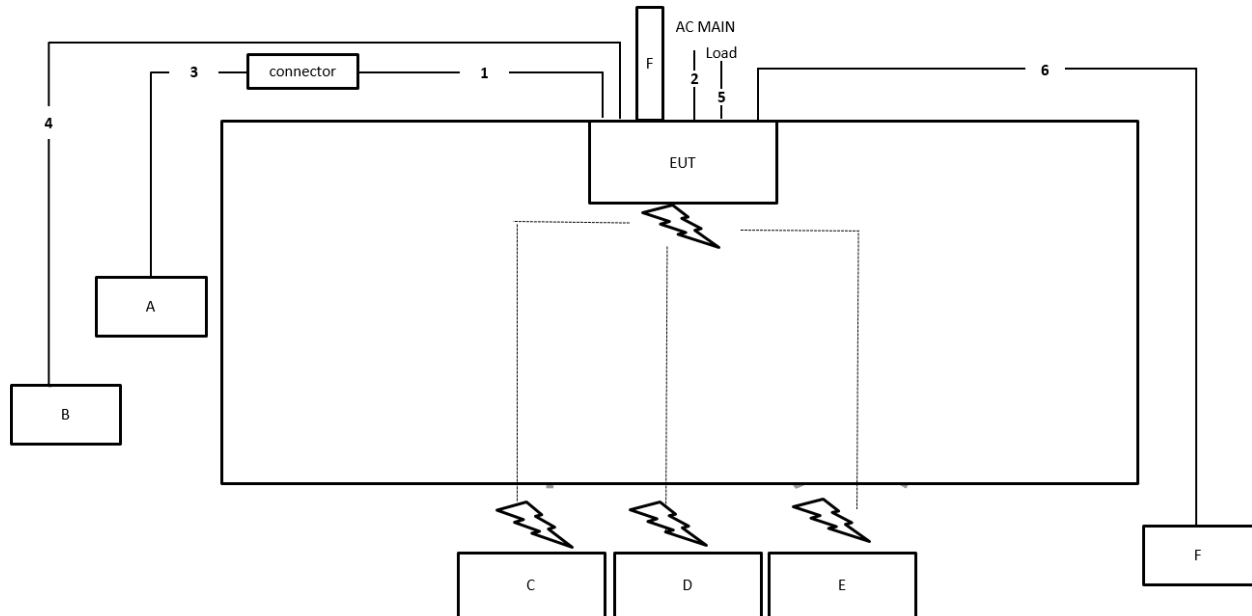
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	10G LAN PC	DELL	T3400	N/A
B	10G WAN PC	DELL	T3400	N/A
C	2.4G NB	DELL	E4300	N/A
D	5G NB	DELL	E4300	N/A
E	6G NB	DELL	E4300	N/A
F	Flash disk3.0	Silicon Power	B06	N/A
G	1G LAN NB	DELL	E4300	N/A

For Radiated > 1GHz and RF Conducted:

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

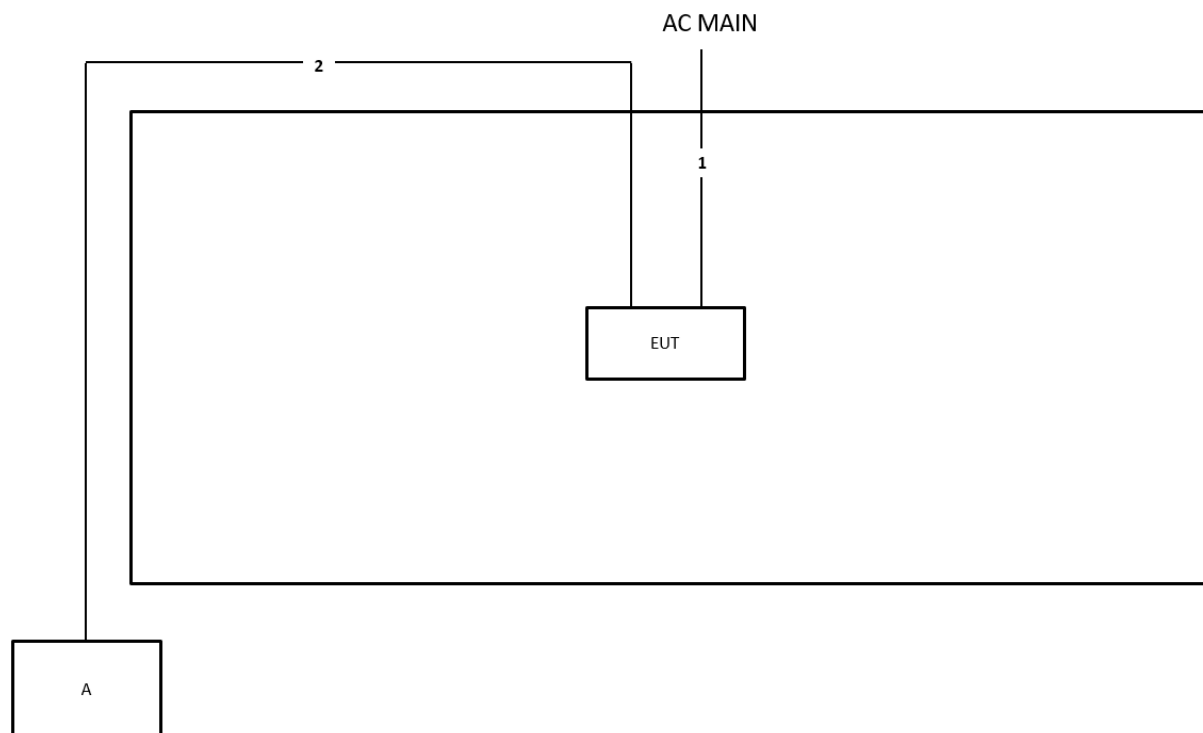
2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


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

Test Setup Diagram - Radiated Test > 1GHz



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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

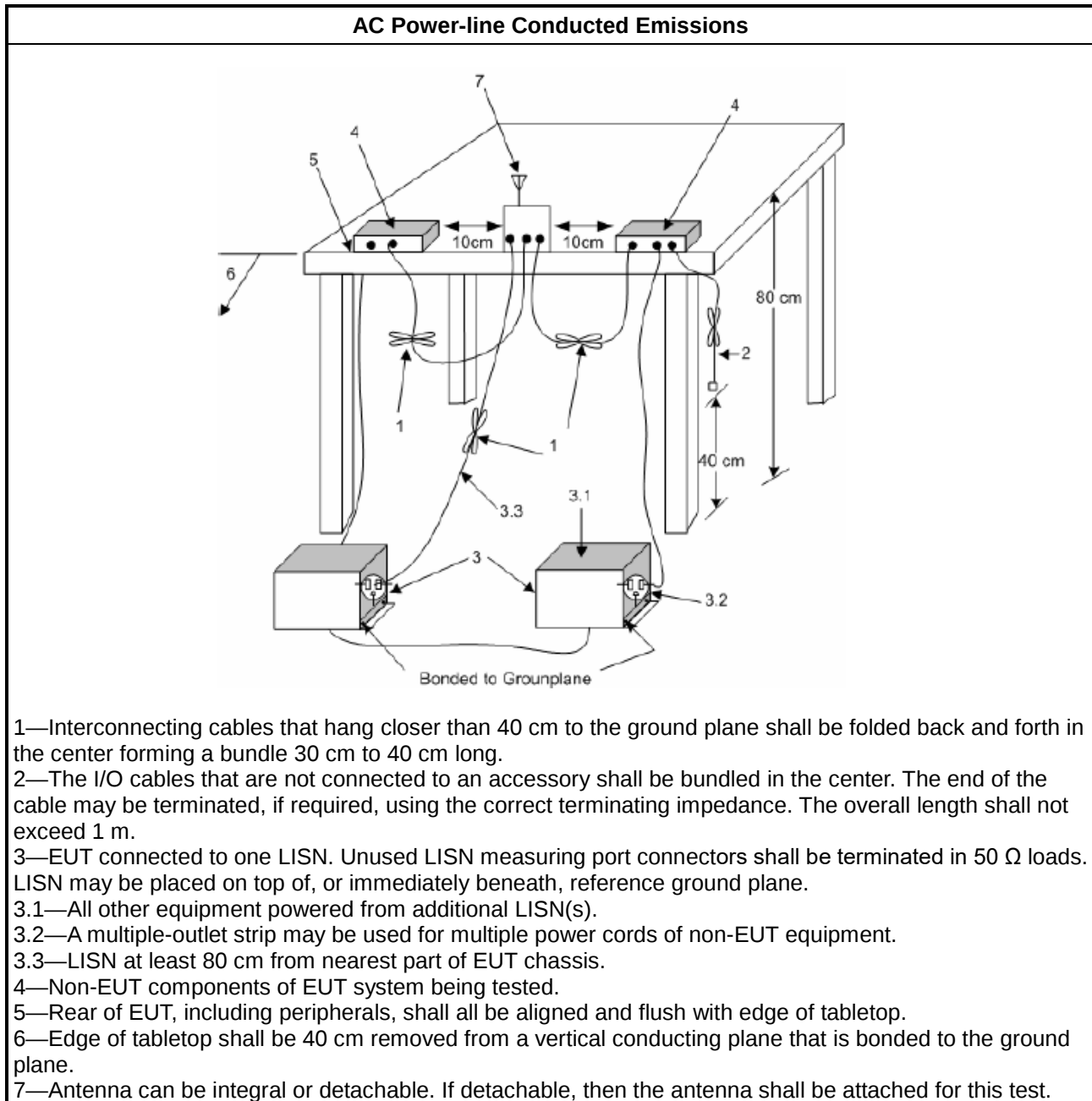
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

6dB Bandwidth Limit
Systems using digital modulation techniques:
6 dB bandwidth $\geq$ 500 kHz.

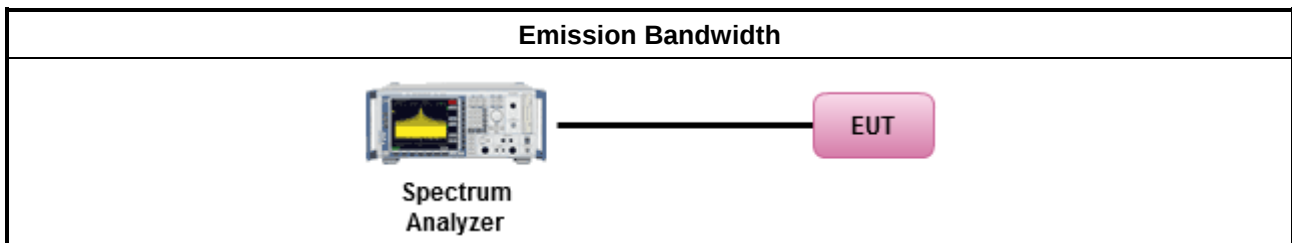
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

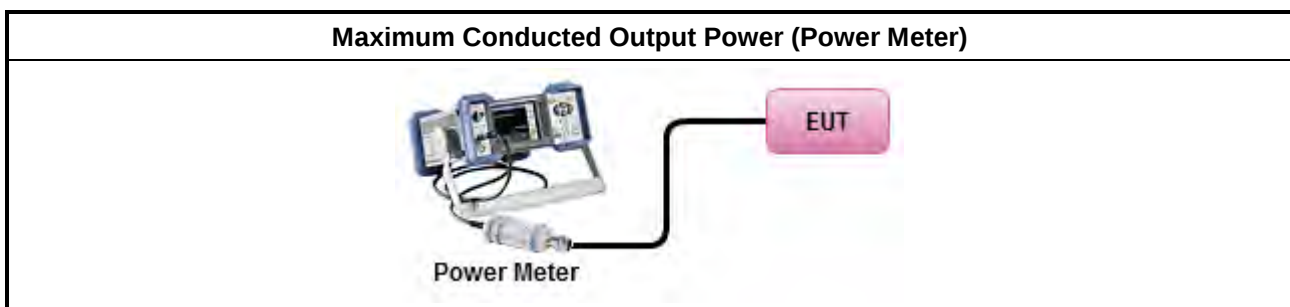
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
	☐ Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW $\geq$ 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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

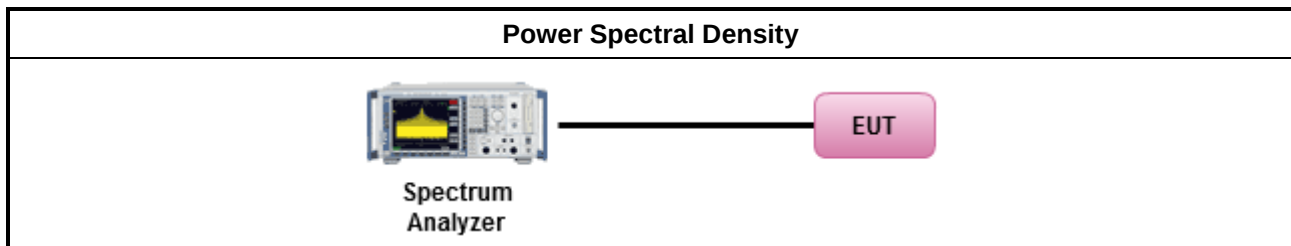
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dBc)
Peak output power procedure	20
Average output power procedure	30
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level. Note 2: If the average output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the power in any 100 kHz outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum measured in-band average PSD level.	

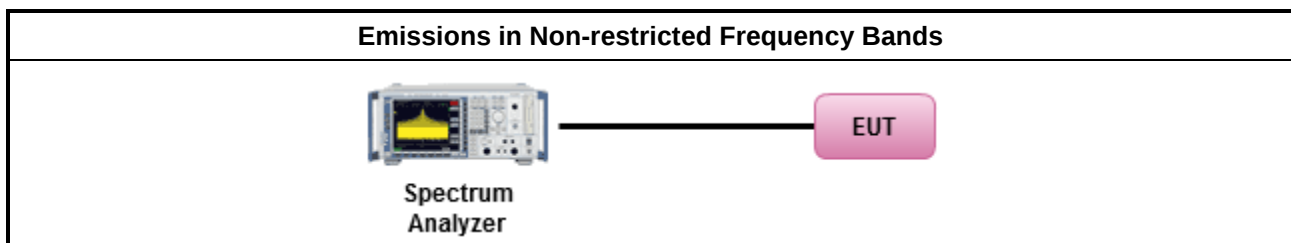
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

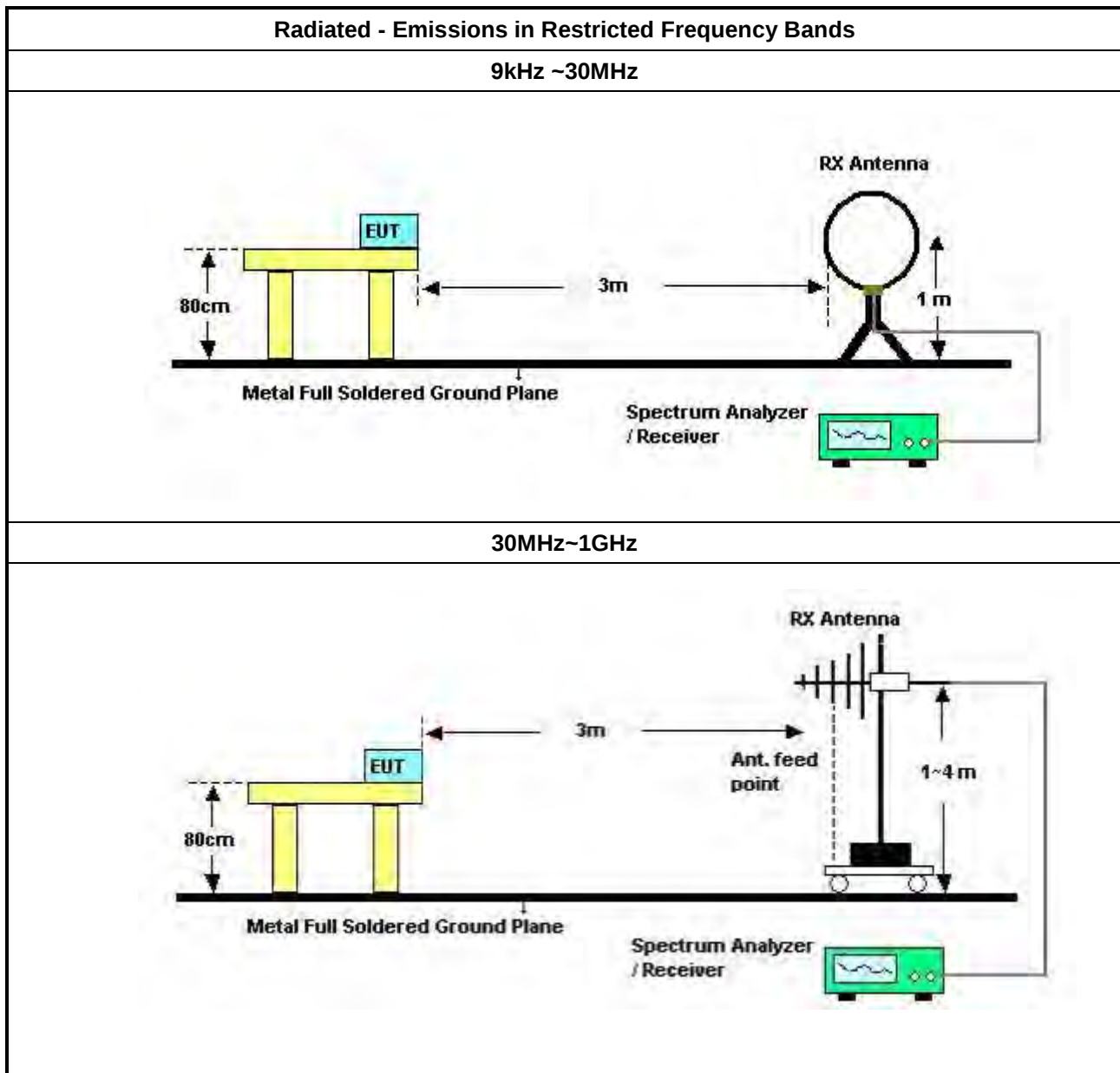
Refer a test equipment and calibration data table in this test report.

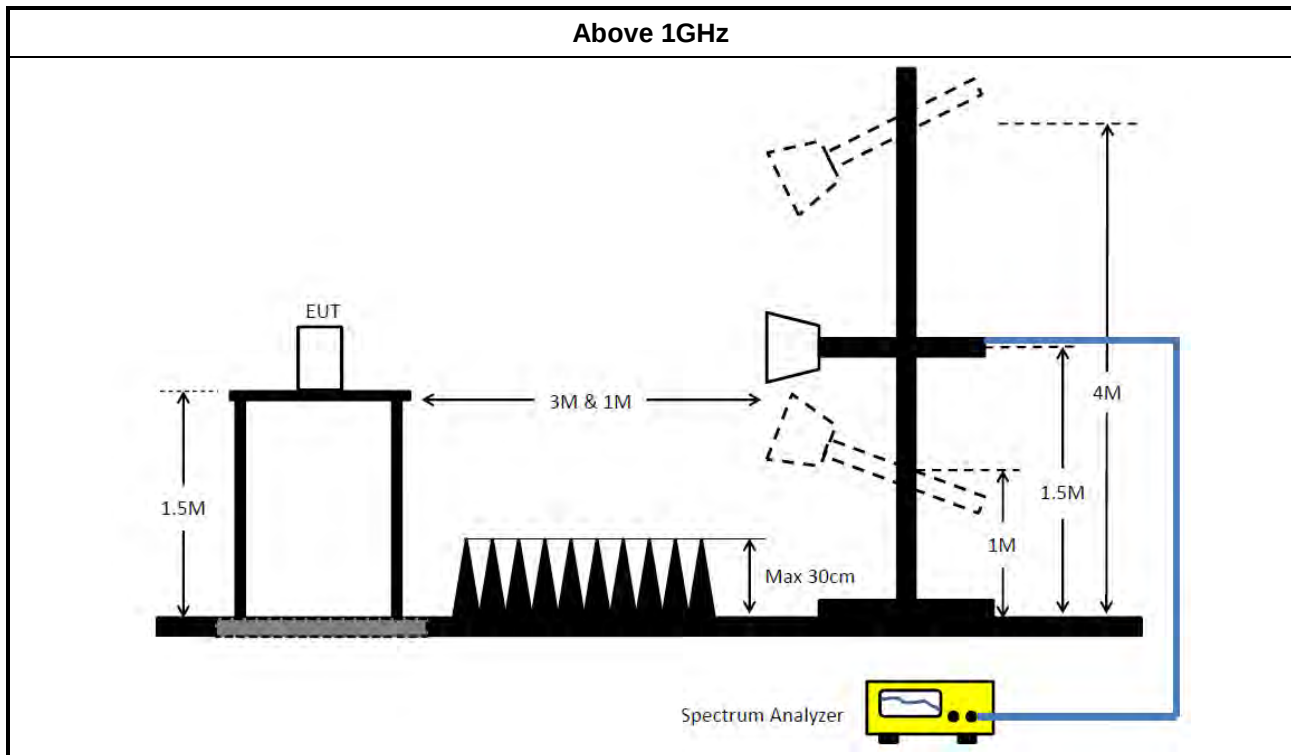


3.6.3 Test Procedures

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

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 08, 2024	Feb. 07, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH05-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH05-CB	30MHz ~ 1GHz	Aug. 02, 2023	Aug. 01, 2024	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 23, 2024	Mar. 22, 2025	Radiation (03CH05-CB)
Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 02, 2024	May 01, 2025	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Apr. 17, 2024	Apr. 16, 2025	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 20, 2023	Oct. 19, 2024	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	Low Cable-04+23	30MHz~1GHz	Dec. 06, 2023	Dec. 05, 2024	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 30, 2023	Jun. 29, 2024	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Jul. 24, 2023	Jul. 23, 2024	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	May 27, 2024	May 26, 2025	Conducted (TH01-CB)
Switch	SPTCB	SP-SWI	SWI-01	1~26.5GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-30	1GHz ~ 18GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Mar. 04, 2024	Mar. 03, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

NCR means Non-Calibration required.



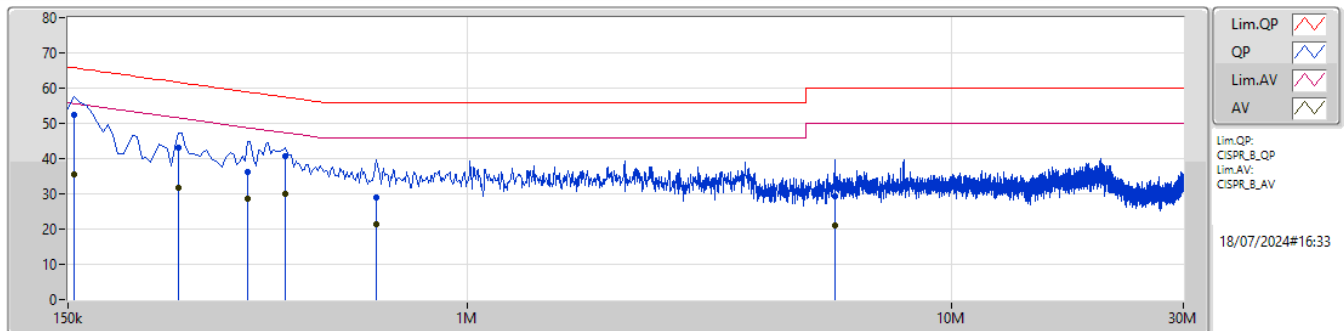
Conducted Emissions at Powerline

Appendix A

Summary

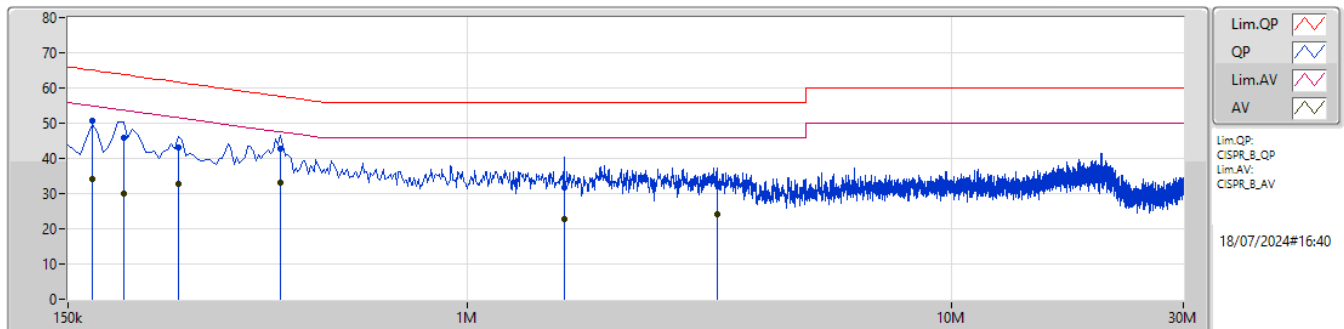
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.5k	52.41	65.75	-13.34	Line

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	52.41	65.75	-13.34	9.93	Line	"Worst"	42.48	0.05	0.02	9.86						
AV	154.5k	35.52	55.75	-20.23	9.93	Line	-	25.59	0.05	0.02	9.86						
QP	253.5k	43.08	61.64	-18.56	9.93	Line	-	33.15	0.05	0.02	9.86						
AV	253.5k	31.71	51.64	-19.93	9.93	Line	-	21.78	0.05	0.02	9.86						
QP	352.5k	36.06	58.91	-22.85	9.95	Line	-	26.11	0.05	0.02	9.88						
AV	352.5k	28.48	48.91	-20.43	9.95	Line	-	18.53	0.05	0.02	9.88						
QP	420k	40.57	57.45	-16.88	9.96	Line	-	30.61	0.05	0.02	9.89						
AV	420k	30.10	47.45	-17.35	9.96	Line	-	20.14	0.05	0.02	9.89						
QP	649.5k	28.86	56.00	-27.14	9.97	Line	-	18.89	0.06	0.01	9.90						
AV	649.5k	21.36	46.00	-24.64	9.97	Line	-	11.39	0.06	0.01	9.90						
QP	5.726M	29.46	60.00	-30.54	10.21	Line	-	19.25	0.17	0.14	9.90						
AV	5.726M	21.02	50.00	-28.98	10.21	Line	-	10.81	0.17	0.14	9.90						

Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	168k	50.71	65.06	-14.35	9.93	Neutral	"Worst"	40.78	0.05	0.02	9.86						
AV	168k	34.28	55.06	-20.78	9.93	Neutral	-	24.35	0.05	0.02	9.86						
QP	195k	45.83	63.82	-17.99	9.92	Neutral	-	35.91	0.05	0.02	9.85						
AV	195k	29.83	53.82	-23.99	9.92	Neutral	-	19.91	0.05	0.02	9.85						
QP	253.5k	43.26	61.64	-18.38	9.93	Neutral	-	33.33	0.05	0.02	9.86						
AV	253.5k	32.80	51.64	-18.84	9.93	Neutral	-	22.87	0.05	0.02	9.86						
QP	411k	42.73	57.63	-14.90	9.96	Neutral	-	32.77	0.05	0.02	9.89						
AV	411k	33.14	47.63	-14.49	9.96	Neutral	-	23.18	0.05	0.02	9.89						
QP	1.581M	31.69	56.00	-24.31	10.02	Neutral	-	21.67	0.07	0.05	9.90						
AV	1.581M	22.70	46.00	-23.30	10.02	Neutral	-	12.68	0.07	0.05	9.90						
QP	3.278M	32.43	56.00	-23.57	10.12	Neutral	-	22.31	0.10	0.12	9.90						
AV	3.278M	24.20	46.00	-21.80	10.12	Neutral	-	14.08	0.10	0.12	9.90						

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_3TX	7.55M	10.345M	10M3G1D	6.6M	10.206M
802.11g_Nss1,(6Mbps)_3TX	16.55M	16.843M	16M8D1D	16.05M	16.512M
802.11be EHT20_Nss1.(MCS0)_3TX	19.1M	19.224M	19M2D1D	16.375M	18.982M
802.11be EHT40_Nss1.(MCS0)_3TX	38.15M	38.09M	38M1D1D	36M	37.697M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	6.6M	10.345M	7.1M	10.245M	7.1M	10.206M
2437MHz	Pass	500k	6.6M	10.24M	7.525M	10.26M	7.55M	10.208M
2462MHz	Pass	500k	7.025M	10.326M	7.525M	10.281M	7.55M	10.267M
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	16.55M	16.818M	16.475M	16.713M	16.05M	16.662M
2437MHz	Pass	500k	16.5M	16.805M	16.275M	16.713M	16.15M	16.786M
2462MHz	Pass	500k	16.325M	16.818M	16.475M	16.512M	16.475M	16.843M
802.11be EHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.625M	19.021M	19.025M	19.029M	19.1M	19.111M
2437MHz	Pass	500k	19.025M	19.069M	17.675M	19.224M	17.55M	19.092M
2462MHz	Pass	500k	18.075M	18.982M	18.275M	19.049M	16.375M	19.044M
802.11be EHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	37M	37.785M	36M	37.799M	36.25M	37.858M
2437MHz	Pass	500k	37.35M	37.912M	38.15M	37.873M	37M	37.697M
2452MHz	Pass	500k	36M	37.755M	36.85M	37.91M	38.1M	38.09M

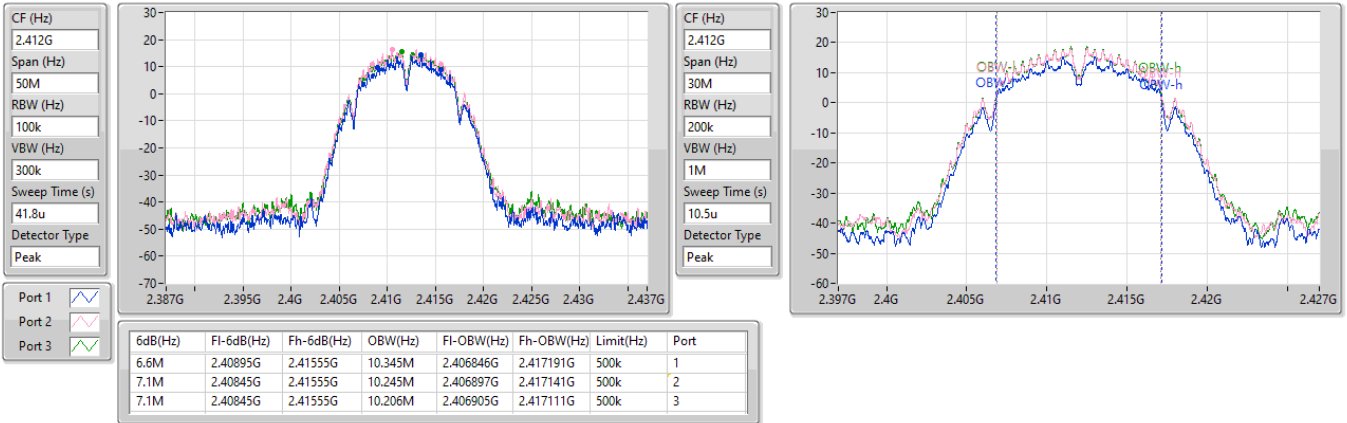
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

EBW

2412MHz

11/06/2024

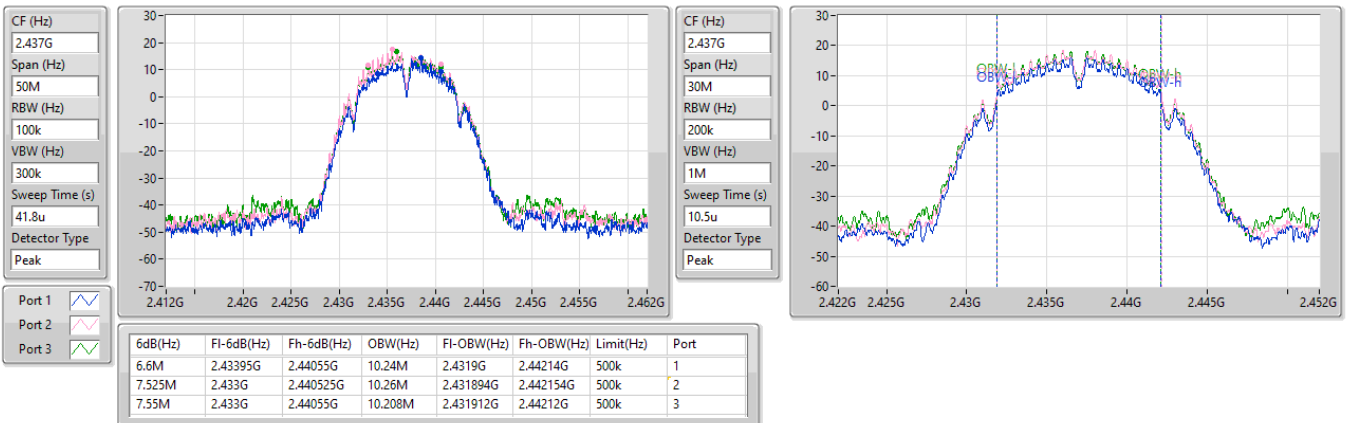


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

EBW

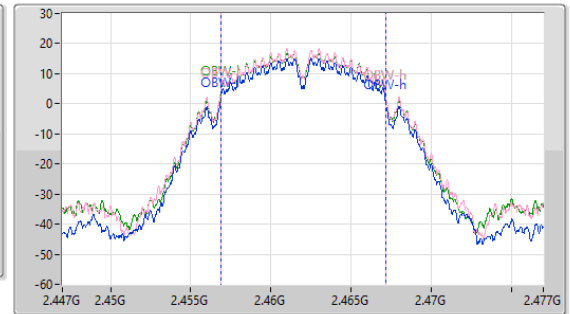
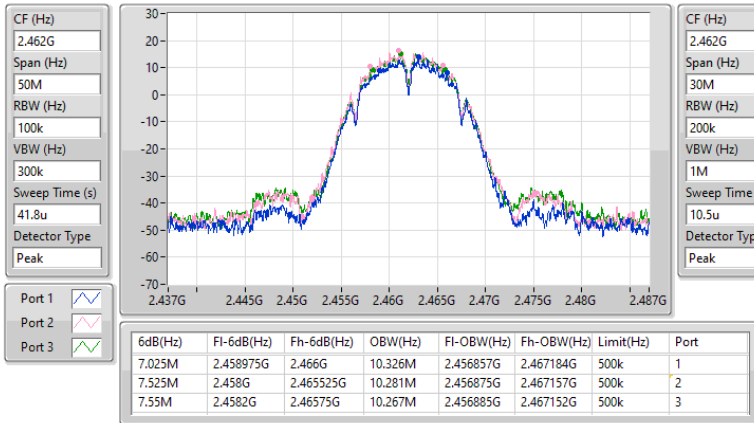
2437MHz

11/06/2024

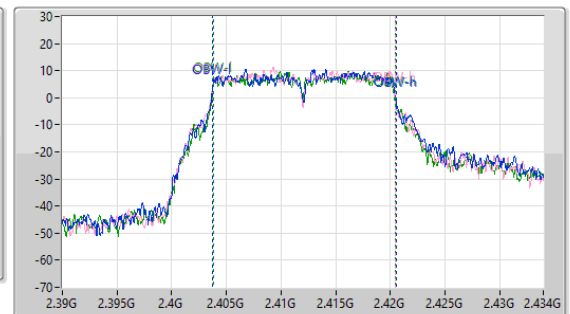
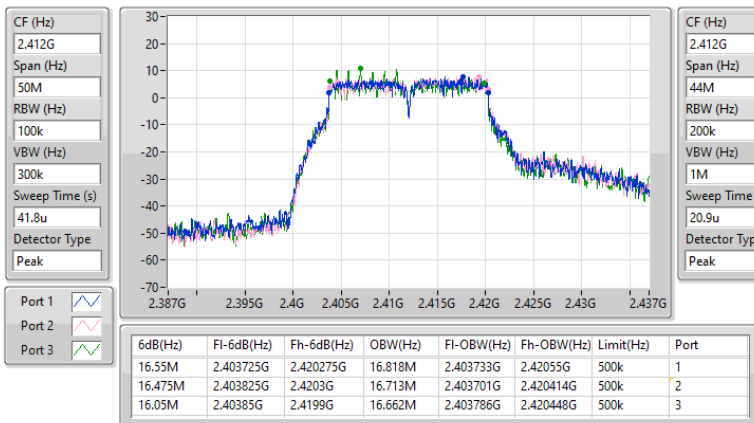


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX
EBW
2462MHz

11/06/2024


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX
EBW
2412MHz

11/06/2024

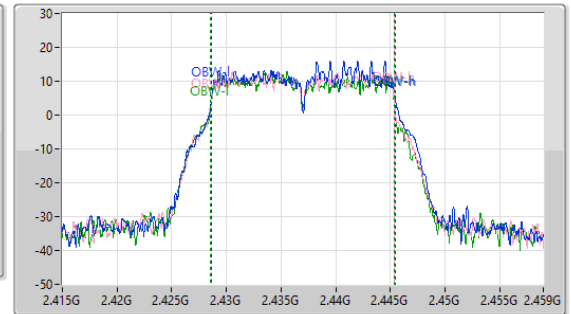
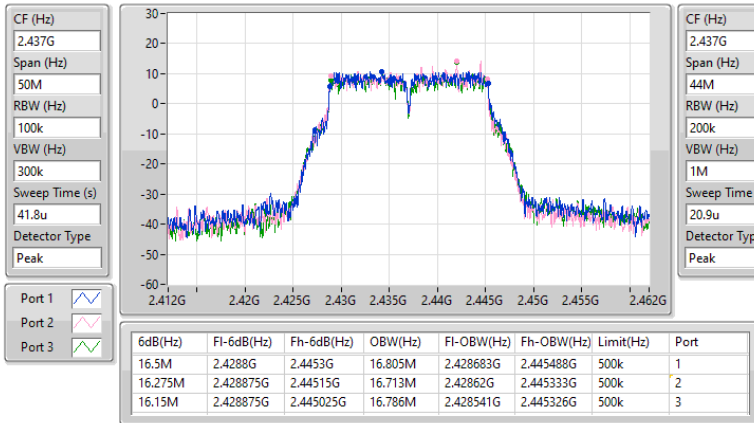


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

EBW

2437MHz

11/06/2024

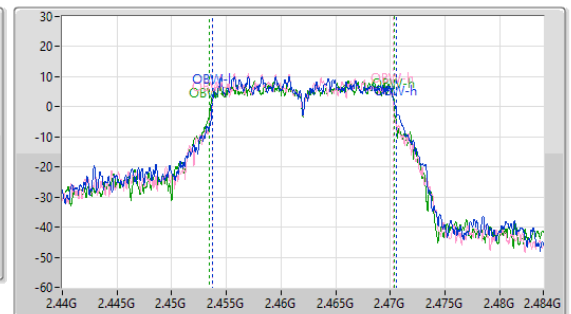
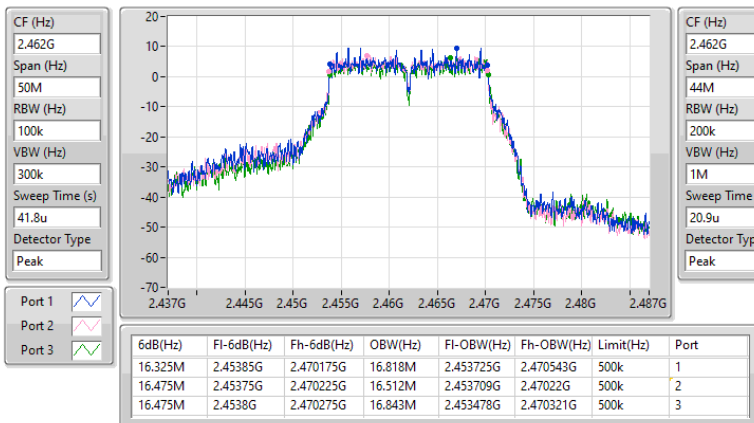


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

EBW

2462MHz

11/06/2024

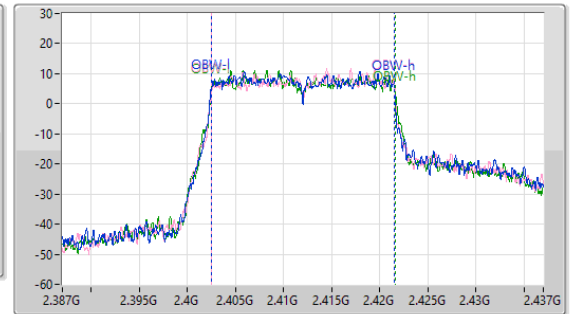
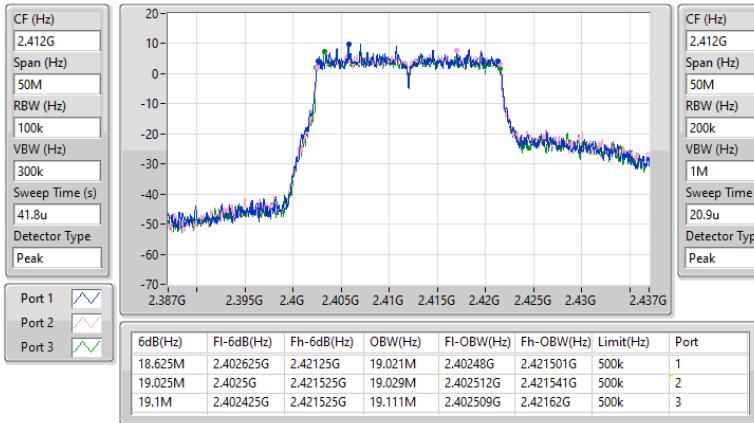


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

EBW

2412MHz

11/06/2024

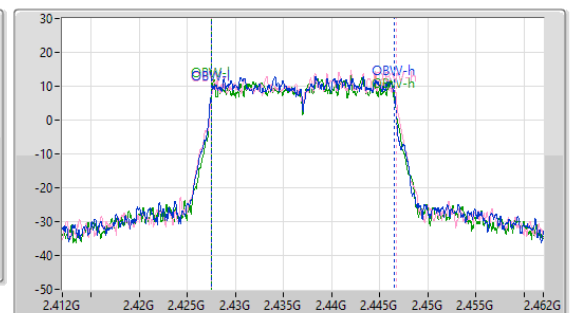
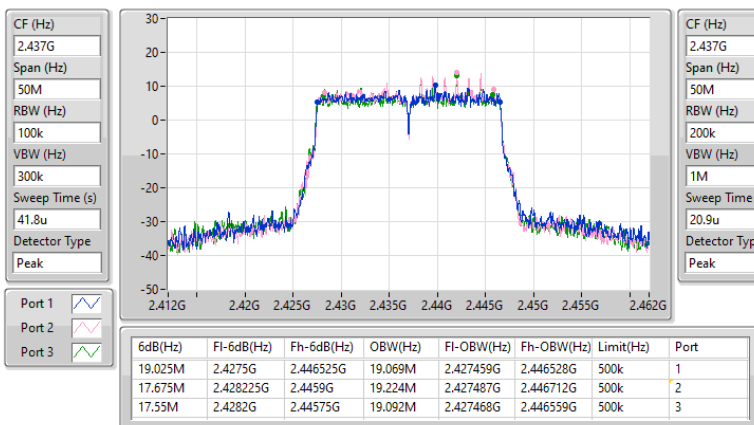


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

EBW

2437MHz

11/06/2024

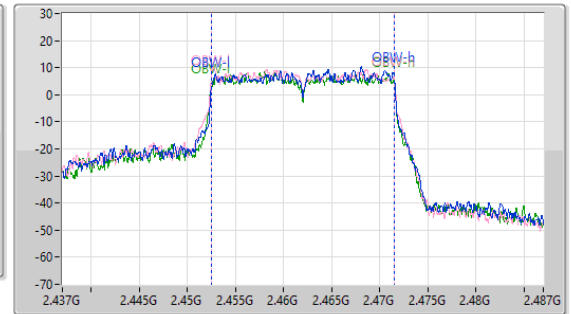
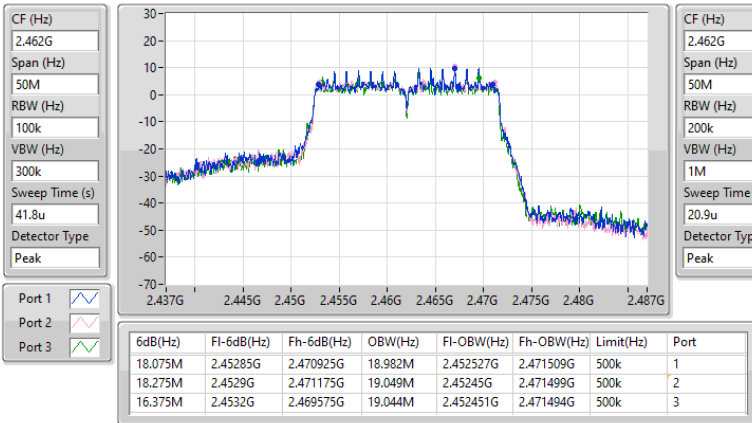


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

EBW

2462MHz

11/06/2024

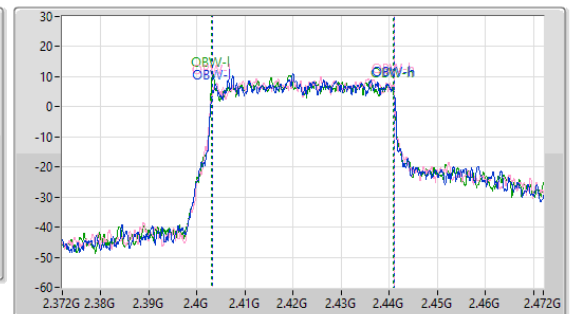
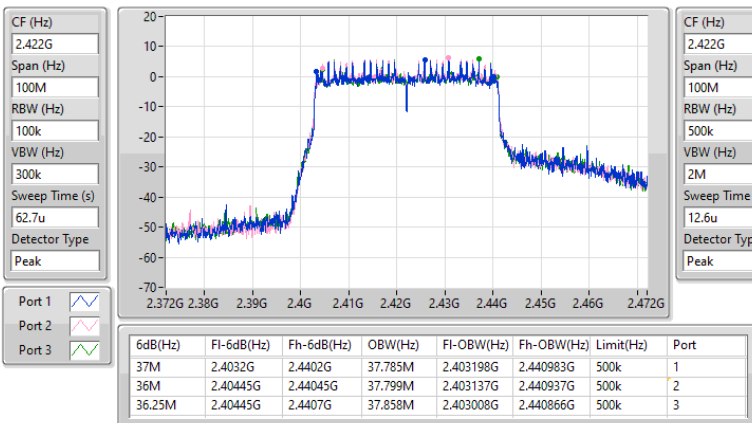


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

EBW

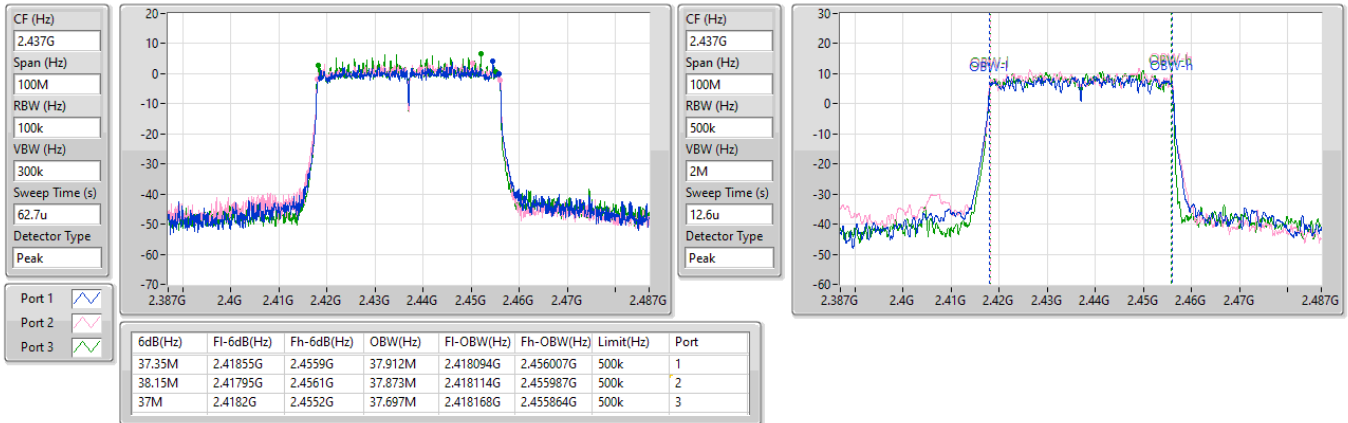
2422MHz

11/06/2024

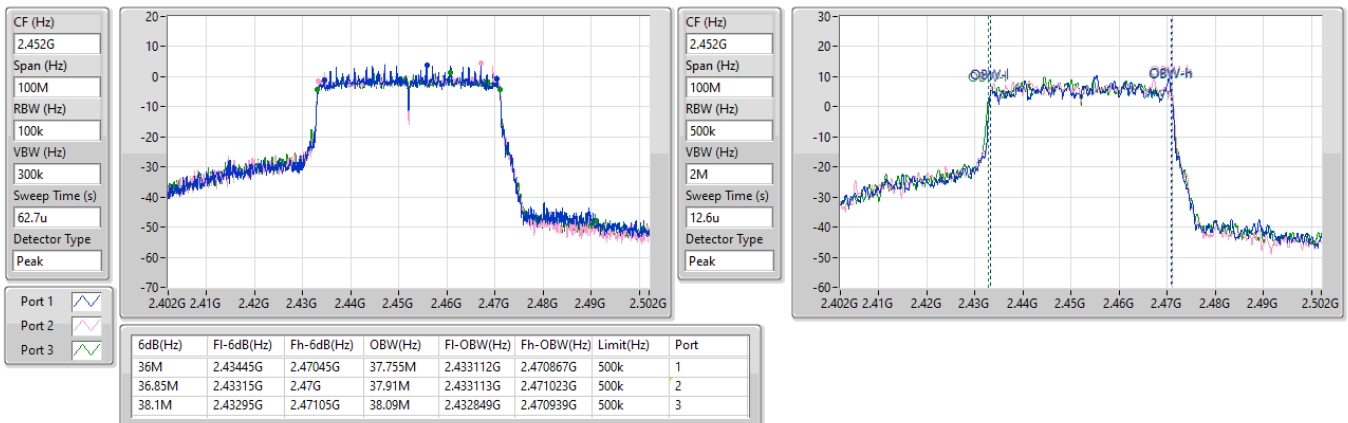


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX
EBW
2437MHz

11/06/2024


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX
EBW
2452MHz

11/06/2024



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_3TX	29.87	0.97051
802.11g_Nss1,(6Mbps)_3TX	29.15	0.82224
802.11be EHT20_Nss1,(MCS0)_3TX	28.44	0.69823
802.11be EHT20-BF_Nss1,(MCS0)_3TX	28.44	0.69823
802.11be EHT40_Nss1,(MCS0)_3TX	25.07	0.32137
802.11be EHT40-BF_Nss1,(MCS0)_3TX	25.07	0.32137

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.82	23.32	25.74	25.72	29.84	30.00
2437MHz	Pass	4.82	23.13	25.79	25.87	29.87	30.00
2462MHz	Pass	4.82	23.12	25.67	25.67	29.75	30.00
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.82	21.16	21.31	20.67	25.83	30.00
2417MHz	Pass	4.82	21.91	22.15	21.58	26.66	30.00
2437MHz	Pass	4.82	24.59	24.59	23.92	29.15	30.00
2457MHz	Pass	4.82	20.91	21.13	20.63	25.67	30.00
2462MHz	Pass	4.82	20.31	20.34	19.77	24.92	30.00
802.11be EHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	4.82	21.19	21.39	20.80	25.90	30.00
2417MHz	Pass	4.82	22.52	22.87	22.23	27.32	30.00
2437MHz	Pass	4.82	23.78	24.15	23.01	28.44	30.00
2457MHz	Pass	4.82	22.28	22.42	21.83	26.96	30.00
2462MHz	Pass	4.82	20.14	20.34	19.76	24.86	30.00
802.11be EHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	4.82	19.09	19.57	19.31	24.10	30.00
2437MHz	Pass	4.82	19.95	20.64	20.29	25.07	30.00
2452MHz	Pass	4.82	18.04	18.38	18.31	23.02	30.00
802.11be EHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	5.30	21.19	21.39	20.80	25.90	30.00
2417MHz	Pass	5.30	22.52	22.87	22.23	27.32	30.00
2437MHz	Pass	5.30	23.78	24.15	23.01	28.44	30.00
2457MHz	Pass	5.30	22.28	22.42	21.83	26.96	30.00
2462MHz	Pass	5.30	20.14	20.34	19.76	24.86	30.00
802.11be EHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	5.30	19.09	19.57	19.31	24.10	30.00
2437MHz	Pass	5.30	19.95	20.64	20.29	25.07	30.00
2452MHz	Pass	5.30	18.04	18.38	18.31	23.02	30.00

DG = Directional Gain; Port X = Port X output power

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_3TX	5.65
802.11g_Nss1,(6Mbps)_3TX	1.13
802.11be EHT20_Nss1,(MCS0)_3TX	1.56
802.11be EHT40_Nss1,(MCS0)_3TX	-5.19

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	5.30	0.57	3.04	2.00	5.09	8.00
2437MHz	Pass	5.30	-0.36	2.73	2.85	4.76	8.00
2462MHz	Pass	5.30	-0.10	3.02	1.92	5.65	8.00
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	5.30	-5.31	-6.41	-5.13	-2.54	8.00
2437MHz	Pass	5.30	-1.98	-2.89	-2.57	1.13	8.00
2462MHz	Pass	5.30	-4.86	-6.28	-7.03	-2.57	8.00
802.11be EHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2412MHz	Pass	5.30	-5.82	-5.55	-5.30	-1.70	8.00
2437MHz	Pass	5.30	-2.35	-2.98	-2.52	1.56	8.00
2462MHz	Pass	5.30	-5.93	-5.57	-6.25	-2.18	8.00
802.11be EHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
2422MHz	Pass	5.30	-10.23	-8.76	-10.28	-5.47	8.00
2437MHz	Pass	5.30	-8.08	-8.61	-9.63	-5.19	8.00
2452MHz	Pass	5.30	-11.48	-10.60	-11.45	-7.38	8.00

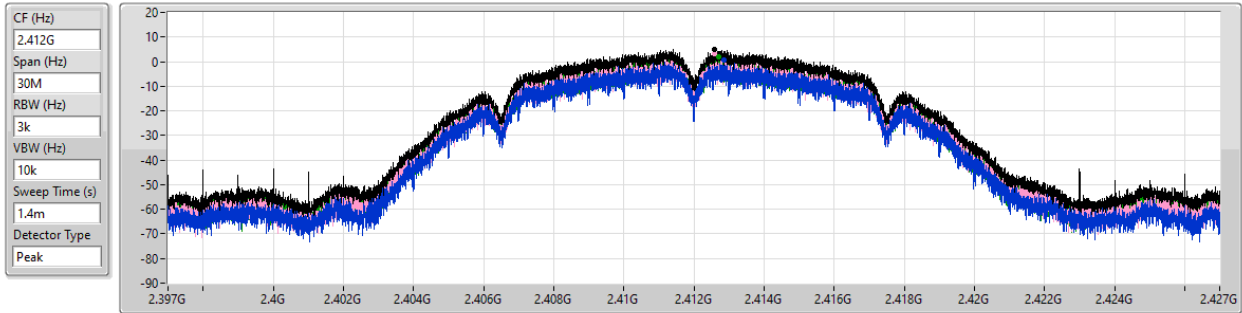
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

PSD

2412MHz

11/06/2024

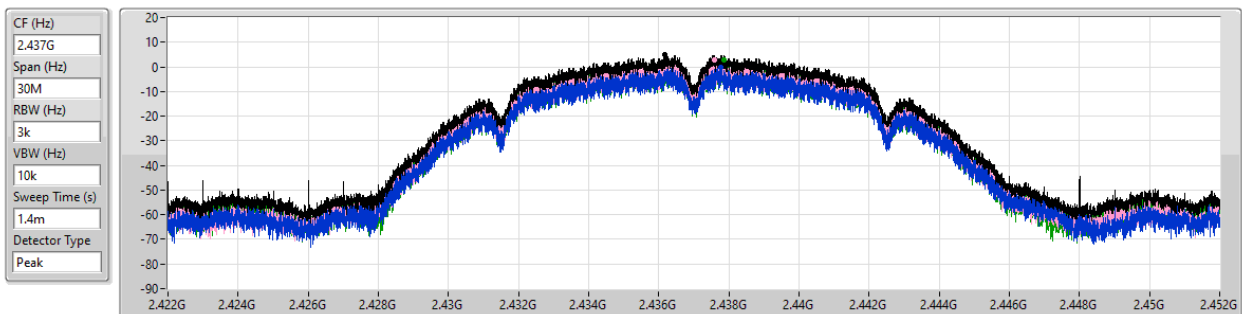


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

PSD

2437MHz

11/06/2024



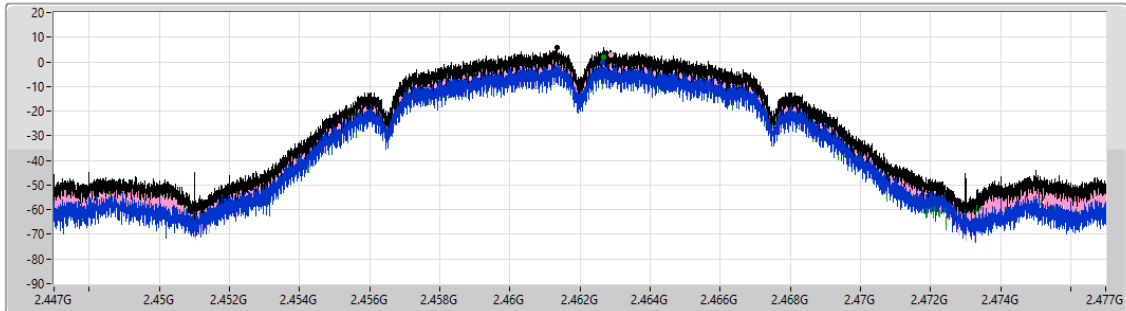
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

PSD

2462MHz

11/06/2024

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	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.65	5.65	-0.10	3.02	1.92

Sum
Port 1
Port 2
Port 3

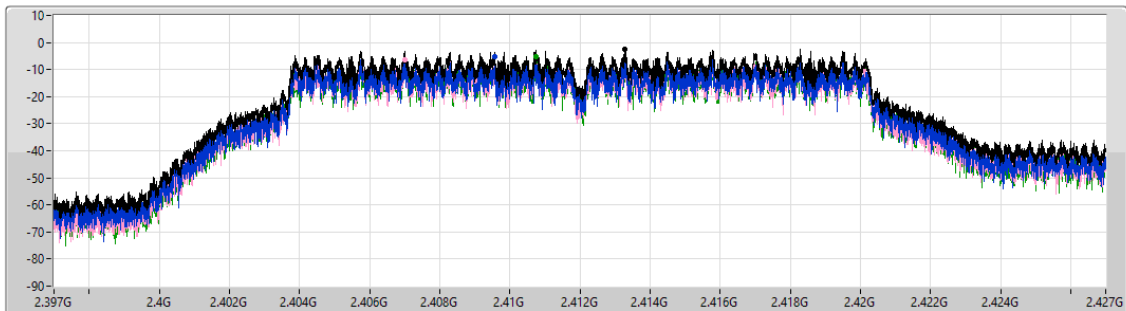
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

PSD

2412MHz

11/06/2024

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	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.54	-2.54	-5.31	-6.41	-5.13

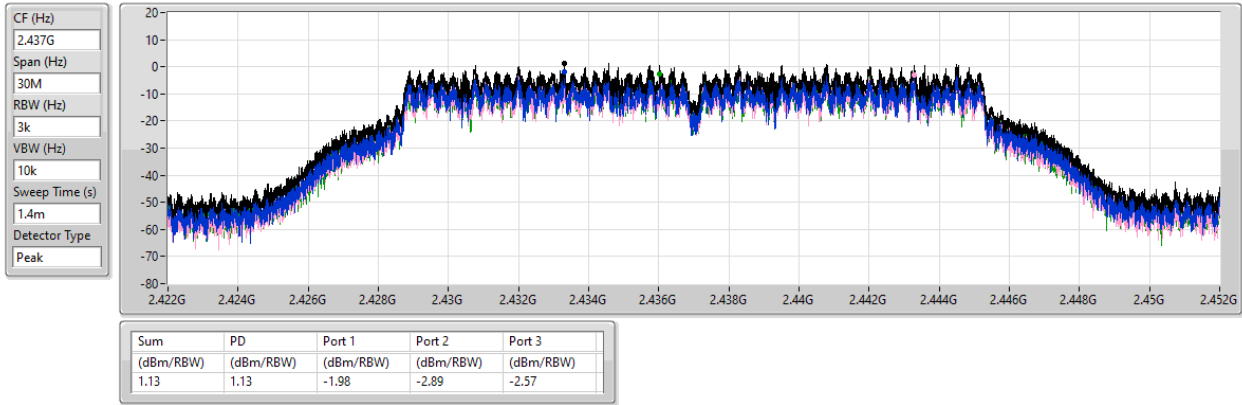
Sum
Port 1
Port 2
Port 3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

PSD

2437MHz

11/06/2024

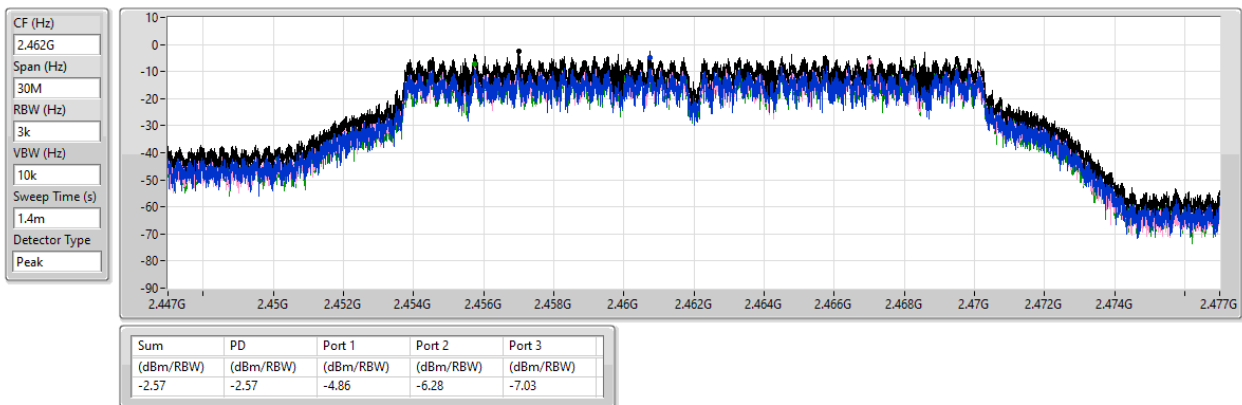


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

PSD

2462MHz

11/06/2024

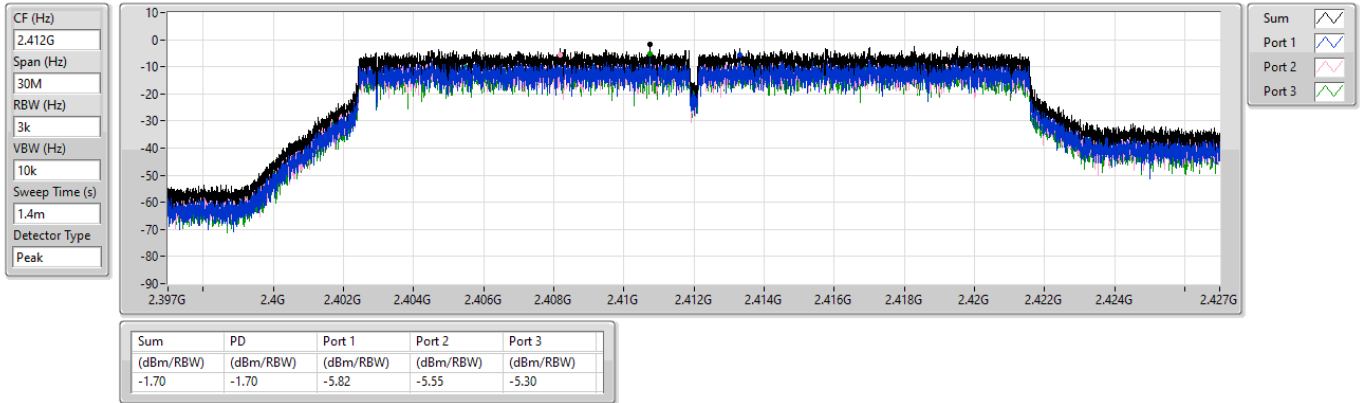


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

PSD

2412MHz

11/06/2024

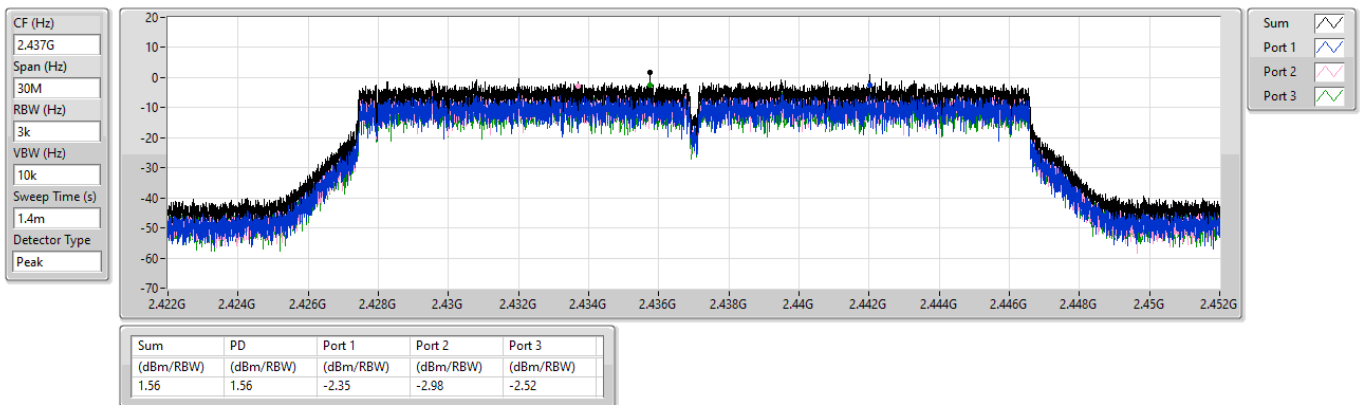


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

PSD

2437MHz

11/06/2024

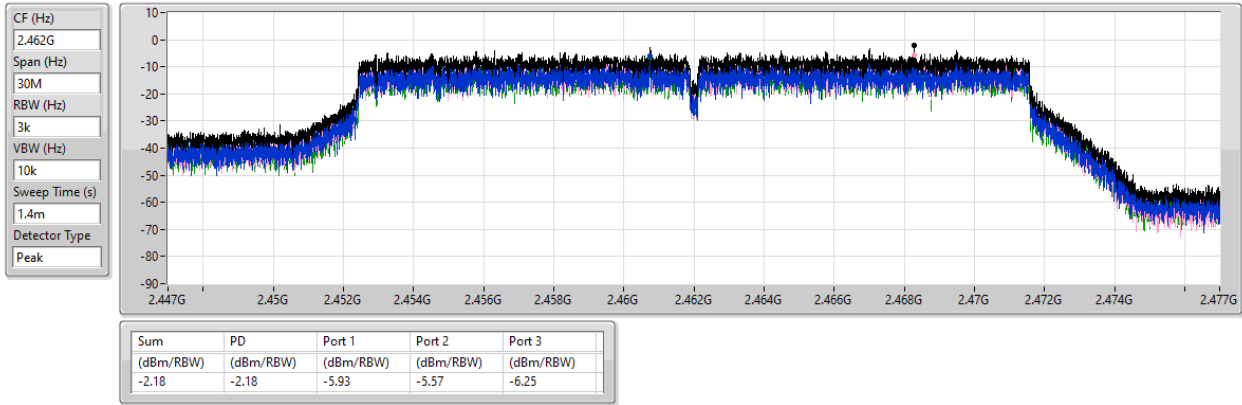


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

PSD

2462MHz

11/06/2024

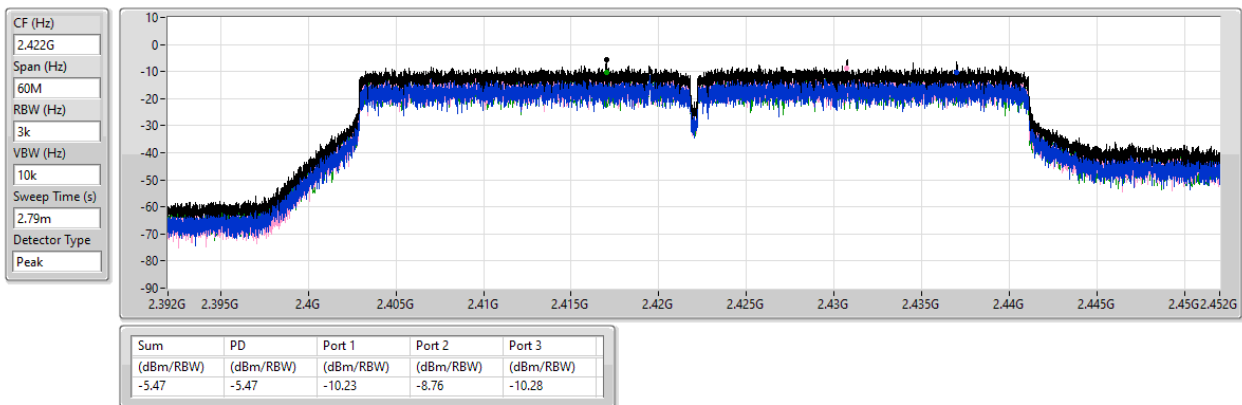


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

PSD

2422MHz

11/06/2024

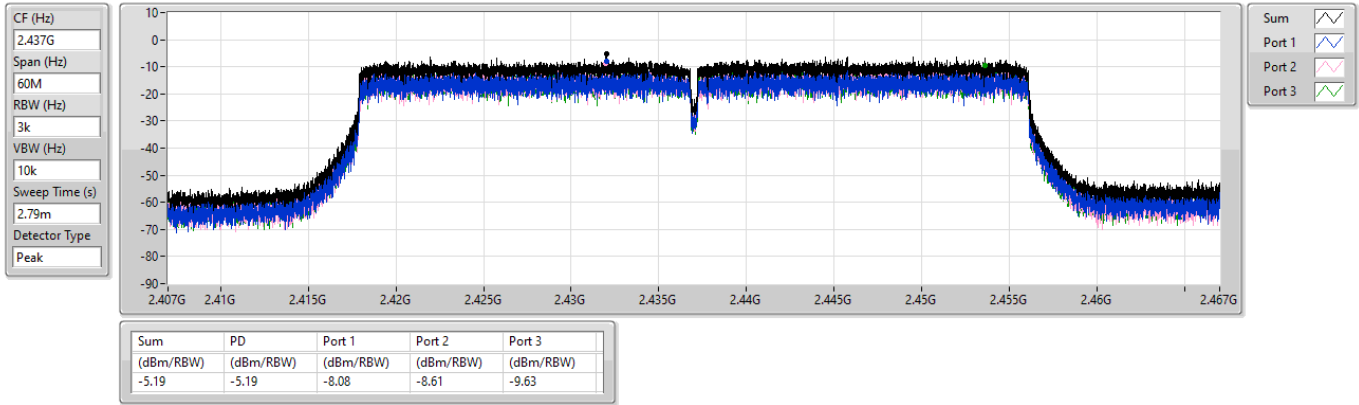


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

PSD

2437MHz

11/06/2024

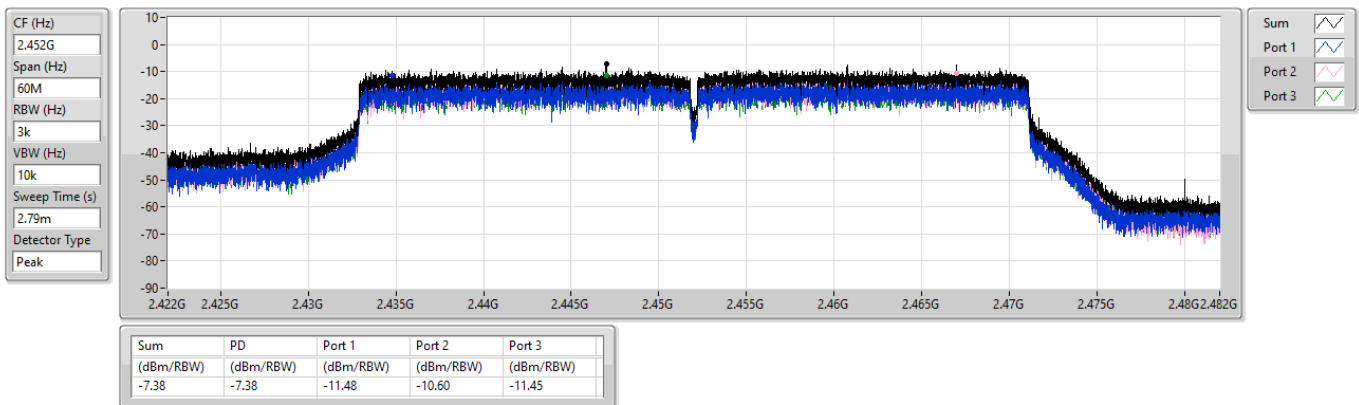


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

PSD

2452MHz

11/06/2024





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1.(1Mbps)_3TX	Pass	2.43808G	17.93	-12.07	2.16079G	-48.23	2.4G	-36.12	2.4G	-34.96	2.51006G	-43.76	7.23514G	-44.40	3
802.11g_Nss1.(6Mbps)_3TX	Pass	2.44208G	15.04	-14.96	2.30292G	-51.99	2.39992G	-34.98	2.4G	-29.46	2.50806G	-46.60	21.58076G	-44.19	2
802.11be EHT20_Nss1.(MCS0)_3TX	Pass	2.44208G	14.28	-15.72	2.30991G	-50.99	2.4G	-31.87	2.4G	-28.25	2.50846G	-48.41	21.6201G	-43.68	3
802.11be EHT40_Nss1.(MCS0)_3TX	Pass	2.45194G	6.53	-23.47	2.30168G	-50.17	2.4G	-29.78	2.4G	-28.70	2.50926G	-47.55	21.71025G	-44.02	2

Result

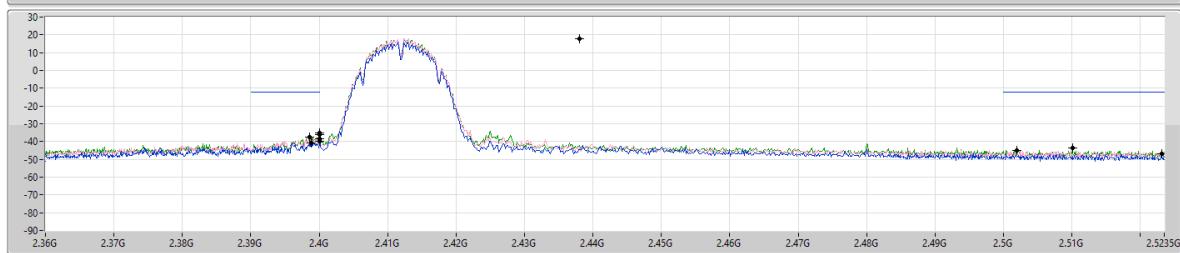
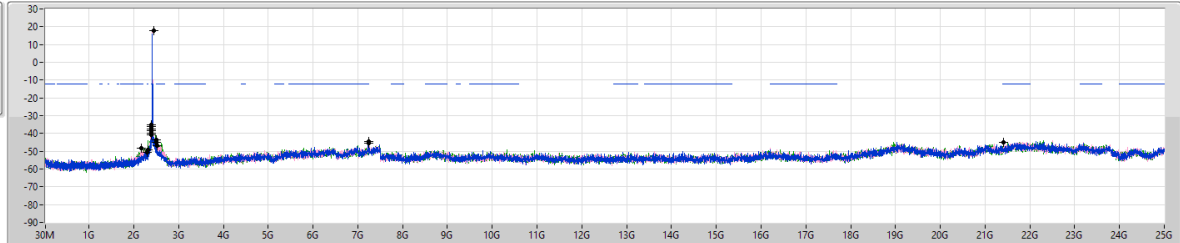
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43808G	17.93	-12.07	2.30059G	-50.56	2.3988G	-40.67	2.4G	-38.59	2.5231G	-46.67	7.23514G	-45.24	1
2412MHz	Pass	2.43808G	17.93	-12.07	2.30874G	-49.33	2.39856G	-37.49	2.4G	-39.85	2.50198G	-44.86	21.40938G	-45.11	2
2412MHz	Pass	2.43808G	17.93	-12.07	2.16079G	-48.23	2.4G	-36.12	2.4G	-34.96	2.51006G	-43.76	7.23514G	-44.40	3
2437MHz	Pass	2.43808G	17.93	-12.07	2.30525G	-50.46	2.3936G	-44.09	2.4G	-46.81	2.50094G	-46.32	21.76619G	-43.76	1
2437MHz	Pass	2.43808G	17.93	-12.07	2.30525G	-49.56	2.39904G	-44.27	2.4G	-45.62	2.51574G	-43.51	21.96005G	-44.63	2
2437MHz	Pass	2.43808G	17.93	-12.07	2.30991G	-48.60	2.39992G	-41.81	2.4G	-42.24	2.50046G	-43.72	2.63869G	-43.38	3
2462MHz	Pass	2.43808G	17.93	-12.07	2.18409G	-52.06	2.39776G	-47.56	2.4G	-48.66	2.50006G	-44.33	21.70719G	-44.66	1
2462MHz	Pass	2.43808G	17.93	-12.07	2.16312G	-50.73	2.3984G	-45.46	2.4G	-47.06	2.50622G	-42.53	21.66505G	-44.57	2
2462MHz	Pass	2.43808G	17.93	-12.07	2.18991G	-49.18	2.4G	-44.14	2.4G	-43.37	2.50238G	-42.48	21.9432G	-44.67	3
802.11g_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	15.04	-14.96	2.30175G	-49.89	2.4G	-33.99	2.4G	-30.24	2.50646G	-46.33	21.69034G	-44.66	1
2412MHz	Pass	2.44208G	15.04	-14.96	2.30292G	-51.99	2.39992G	-34.98	2.4G	-29.46	2.50806G	-46.60	21.58076G	-44.19	2
2412MHz	Pass	2.44208G	15.04	-14.96	2.16079G	-51.58	2.39992G	-35.97	2.4G	-30.98	2.5175G	-48.46	21.95443G	-44.18	3
2437MHz	Pass	2.44208G	15.04	-14.96	2.30059G	-49.46	2.4G	-40.10	2.4G	-41.84	2.50198G	-42.79	21.95162G	-44.58	1
2437MHz	Pass	2.44208G	15.04	-14.96	2.30874G	-49.10	2.39824G	-41.85	2.4G	-43.48	2.50054G	-43.91	21.95724G	-44.61	2
2437MHz	Pass	2.44208G	15.04	-14.96	2.16079G	-48.91	2.39896G	-41.17	2.4G	-41.42	2.50102G	-44.08	2.63869G	-44.37	3
2462MHz	Pass	2.44208G	15.04	-14.96	2.30408G	-51.55	2.39624G	-48.65	2.4G	-49.65	2.51454G	-45.69	21.99658G	-44.59	1
2462MHz	Pass	2.44208G	15.04	-14.96	2.30991G	-52.04	2.4G	-49.38	2.4G	-50.11	2.50086G	-45.77	21.68753G	-44.86	2
2462MHz	Pass	2.44208G	15.04	-14.96	2.18642G	-50.54	2.4G	-48.20	2.4G	-47.41	2.50286G	-46.31	21.80553G	-44.33	3
802.11be EHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.44208G	14.28	-15.72	2.30758G	-52.02	2.4G	-31.75	2.4G	-29.72	2.51766G	-48.21	21.80272G	-44.50	1
2412MHz	Pass	2.44208G	14.28	-15.72	2.30292G	-52.25	2.39992G	-30.59	2.4G	-30.66	2.50518G	-48.20	21.65381G	-44.72	2
2412MHz	Pass	2.44208G	14.28	-15.72	2.30991G	-50.99	2.4G	-31.87	2.4G	-28.25	2.50846G	-48.41	21.6201G	-43.68	3
2437MHz	Pass	2.44208G	14.28	-15.72	2.30874G	-49.70	2.4G	-40.18	2.4G	-39.99	2.50006G	-44.60	21.64257G	-45.40	1
2437MHz	Pass	2.44208G	14.28	-15.72	2.30175G	-50.46	2.3988G	-39.23	2.4G	-41.20	2.50638G	-44.54	21.77743G	-44.15	2
2437MHz	Pass	2.44208G	14.28	-15.72	2.18059G	-50.75	2.39904G	-40.47	2.4G	-41.39	2.50526G	-44.84	2.63869G	-44.07	3
2462MHz	Pass	2.44208G	14.28	-15.72	2.30641G	-52.92	2.39872G	-49.64	2.4G	-49.28	2.51326G	-46.86	21.77181G	-44.51	1
2462MHz	Pass	2.44208G	14.28	-15.72	2.15846G	-51.75	2.39472G	-48.29	2.4G	-50.59	2.50486G	-47.11	21.68191G	-44.49	2
2462MHz	Pass	2.44208G	14.28	-15.72	2.16079G	-51.26	2.4G	-48.62	2.4G	-48.23	2.50462G	-46.91	21.93196G	-44.91	3
802.11be EHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.45194G	6.53	-23.47	2.30626G	-49.82	2.4G	-29.73	2.4G	-30.30	2.5195G	-48.08	21.67659G	-43.76	1
2422MHz	Pass	2.45194G	6.53	-23.47	2.30168G	-50.17	2.4G	-29.78	2.4G	-28.70	2.50926G	-47.55	21.71025G	-44.02	2
2422MHz	Pass	2.45194G	6.53	-23.47	2.30626G	-51.20	2.4G	-30.44	2.4G	-29.30	2.55998G	-46.57	21.72988G	-45.20	3
2437MHz	Pass	2.45194G	6.53	-23.47	2.30168G	-52.91	2.39904G	-41.18	2.4G	-40.98	2.5075G	-45.35	21.68781G	-45.08	1
2437MHz	Pass	2.45194G	6.53	-23.47	2.1597G	-52.57	2.39952G	-39.82	2.4G	-44.13	2.50126G	-45.21	21.4943G	-44.51	2
2437MHz	Pass	2.45194G	6.53	-23.47	2.30741G	-51.17	2.39904G	-42.04	2.4G	-42.23	2.50222G	-45.46	21.72427G	-44.48	3
2452MHz	Pass	2.45194G	6.53	-23.47	2.30741G	-52.68	2.39952G	-35.02	2.4G	-37.67	2.5011G	-46.86	21.63172G	-44.95	1
2452MHz	Pass	2.45194G	6.53	-23.47	34.58M	-52.88	2.39952G	-34.48	2.4G	-36.62	2.50542G	-48.26	21.66818G	-44.45	2
2452MHz	Pass	2.45194G	6.53	-23.47	2.16085G	-51.56	2.39952G	-34.96	2.4G	-37.37	2.50846G	-46.74	21.73549G	-44.63	3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

CSEndB

2412MHz

11/06/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3

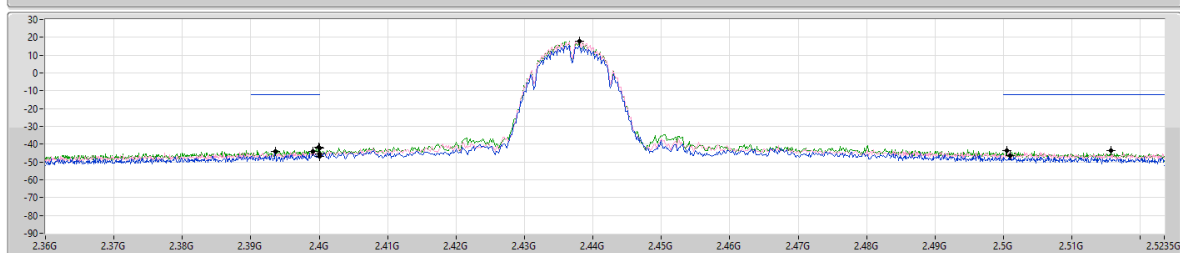
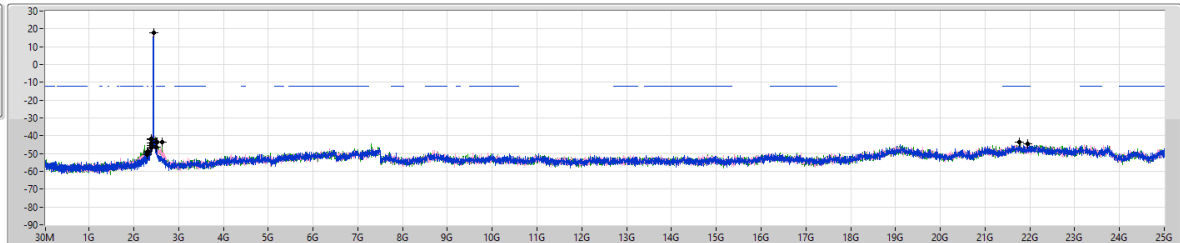
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43808G	17.93	-12.07	2.30059G	-50.56	2.3988G	-40.67	2.4G	-38.59	2.5231G	-46.67	7.23514G	-45.24	1
2.43808G	17.93	-12.07	2.30874G	-49.33	2.39856G	-37.49	2.4G	-39.85	2.50198G	-44.86	21.40938G	-45.11	2
2.43808G	17.93	-12.07	2.16079G	-48.23	2.4G	-36.12	2.4G	-34.96	2.51006G	-43.76	7.23514G	-44.40	3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

CSEndB

2437MHz

11/06/2024

RBW (Hz)
100k
VBW (Hz)
300k
Detector
PeakPort 1
Port 2
Port 3

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
2.43808G	17.93	-12.07	2.30525G	-50.46	2.3936G	-44.09	2.4G	-46.81	2.50094G	-46.32	21.76619G	-43.76	1
2.43808G	17.93	-12.07	2.30525G	-49.56	2.39904G	-44.27	2.4G	-45.62	2.51574G	-43.51	21.96005G	-44.63	2
2.43808G	17.93	-12.07	2.30991G	-48.60	2.39992G	-41.81	2.4G	-42.24	2.50046G	-43.72	2.63869G	-43.38	3

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

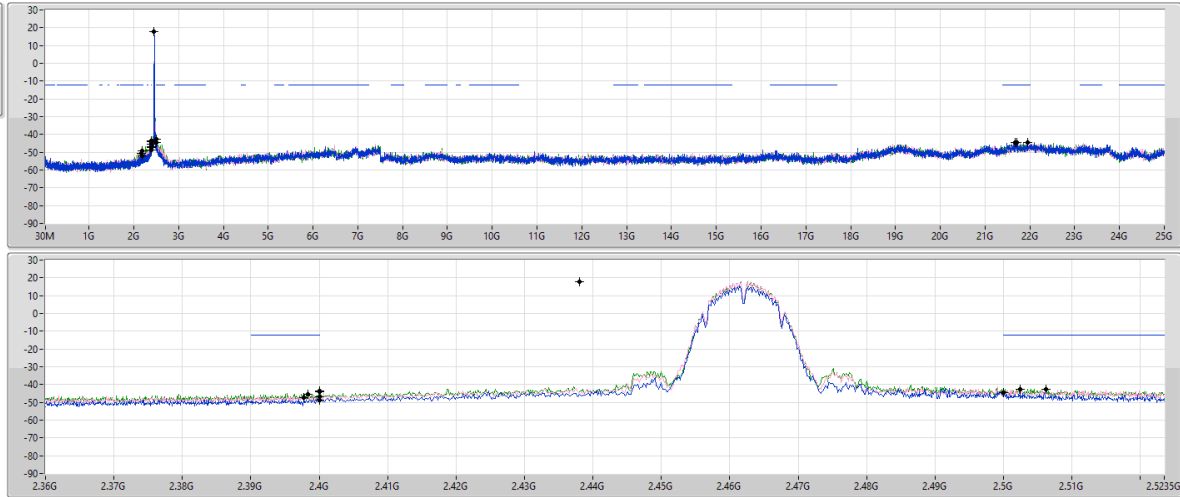
CSEndB

2462MHz

11/06/2024

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

Port 1
Port 2
Port 3



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
2.43808G	17.93	-12.07	2.18409G	-52.06	2.39776G	-47.56	2.4G	-48.66	2.50006G	-44.33	2.170719G	-44.66	1
2.43808G	17.93	-12.07	2.16312G	-50.73	2.3984G	-45.46	2.4G	-47.06	2.50622G	-42.53	2.166505G	-44.57	2
2.43808G	17.93	-12.07	2.18991G	-49.18	2.4G	-44.14	2.4G	-43.37	2.50238G	-42.48	2.19432G	-44.67	3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

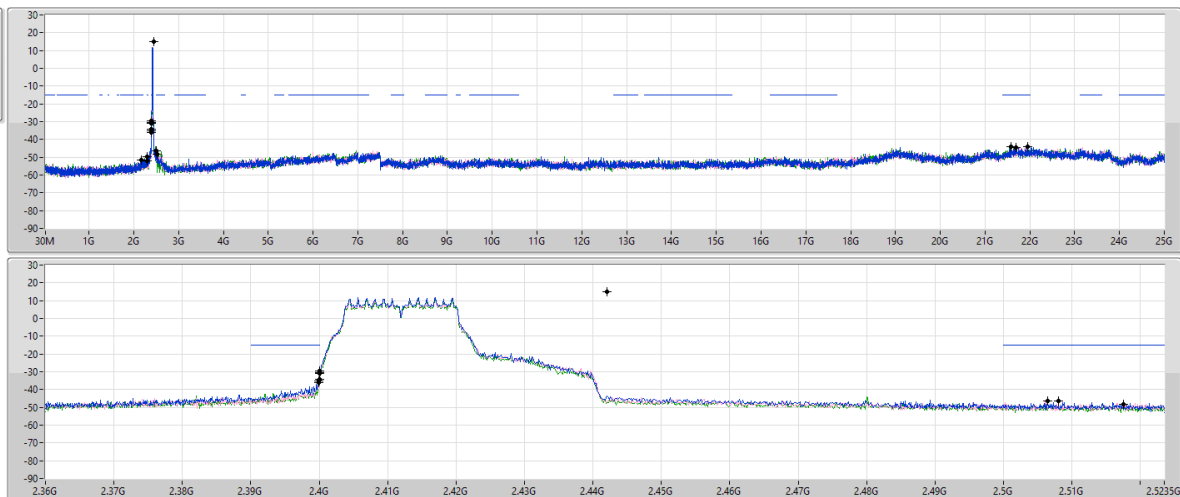
CSEndB

2412MHz

11/06/2024

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

Port 1
Port 2
Port 3



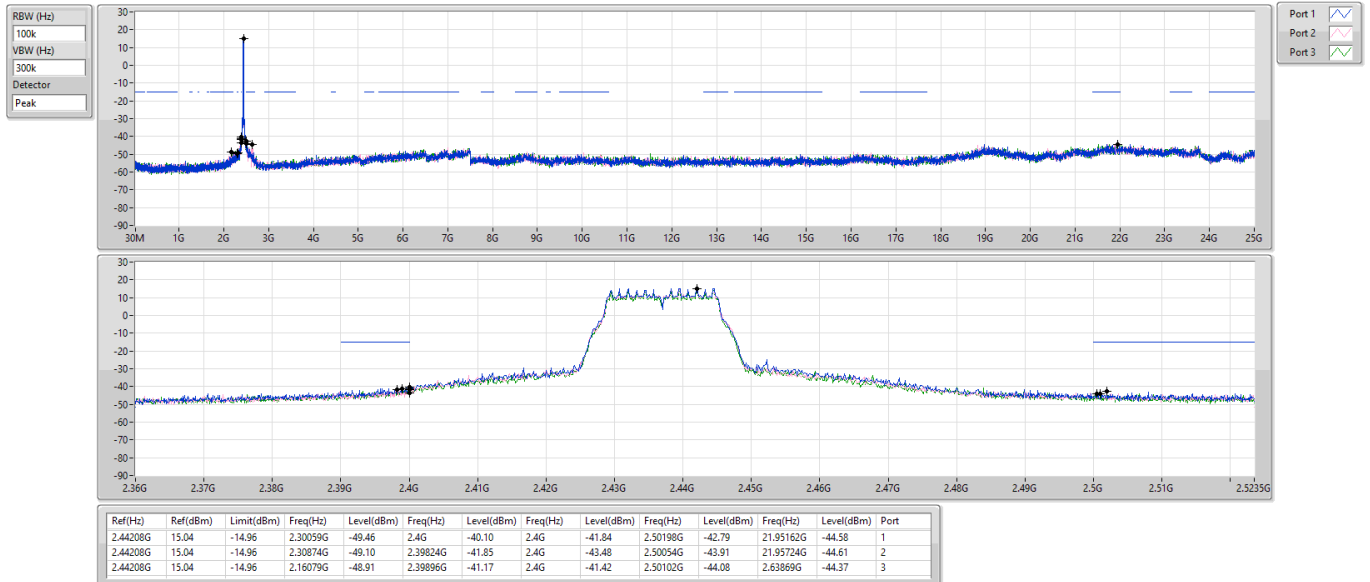
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2.44208G	15.04	-14.96	2.30175G	-49.89	2.4G	-33.99	2.4G	-30.24	2.50646G	-46.33	2.169034G	-44.66	1
2.44208G	15.04	-14.96	2.30292G	-51.99	2.39992G	-34.98	2.4G	-29.46	2.50806G	-46.60	2.158076G	-44.19	2
2.44208G	15.04	-14.96	2.16079G	-51.58	2.39992G	-35.97	2.4G	-30.98	2.5175G	-48.46	2.195443G	-44.18	3

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

CSEndB

2437MHz

11/06/2024

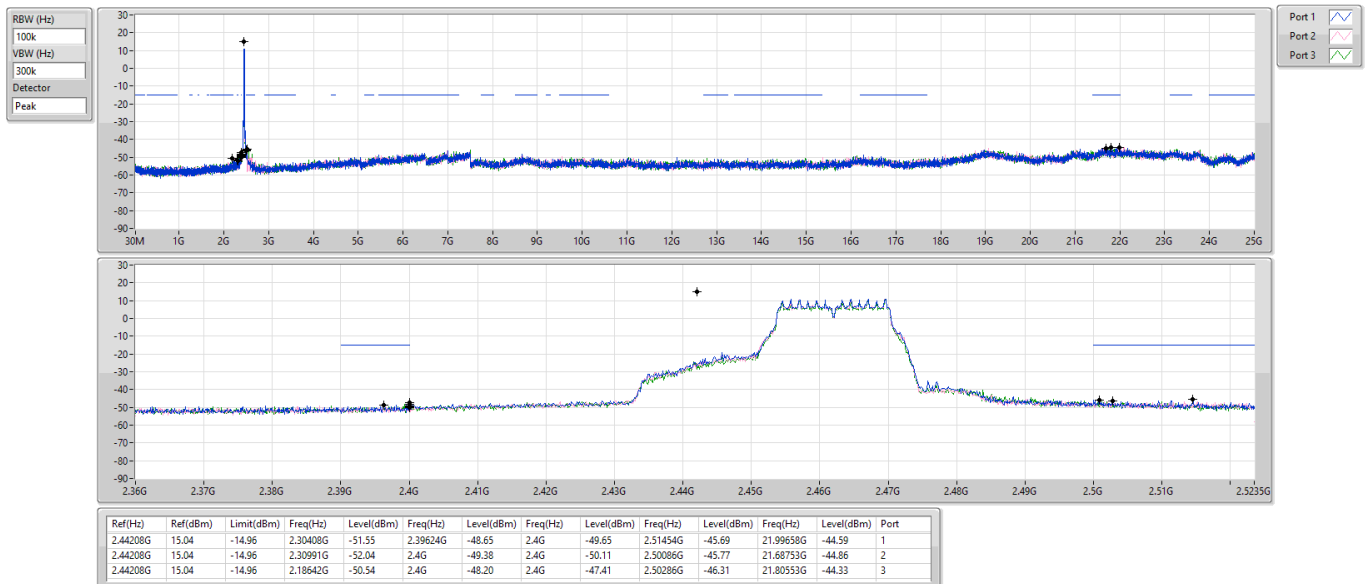


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

CSEndB

2462MHz

11/06/2024

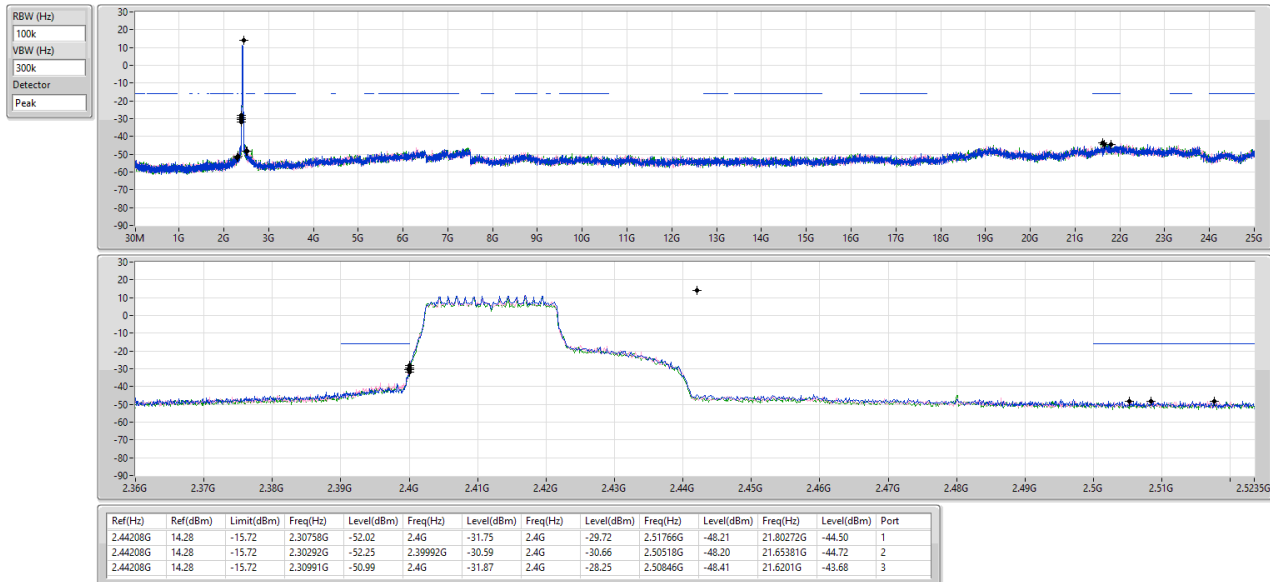


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

CSEndB

2412MHz

11/06/2024

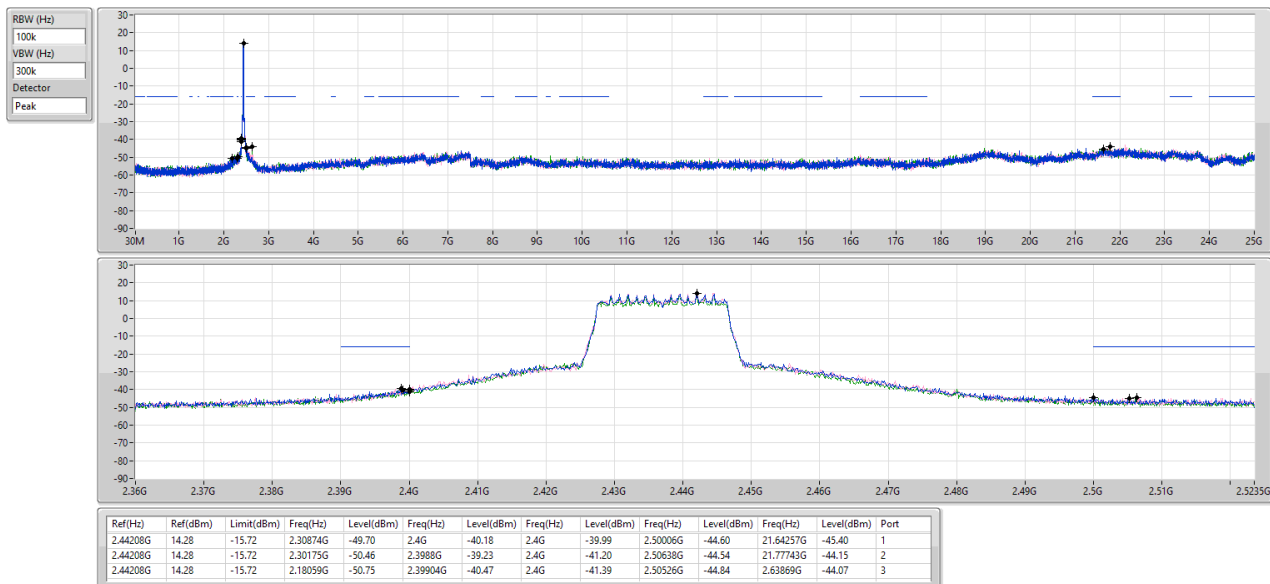


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

CSEndB

2437MHz

11/06/2024

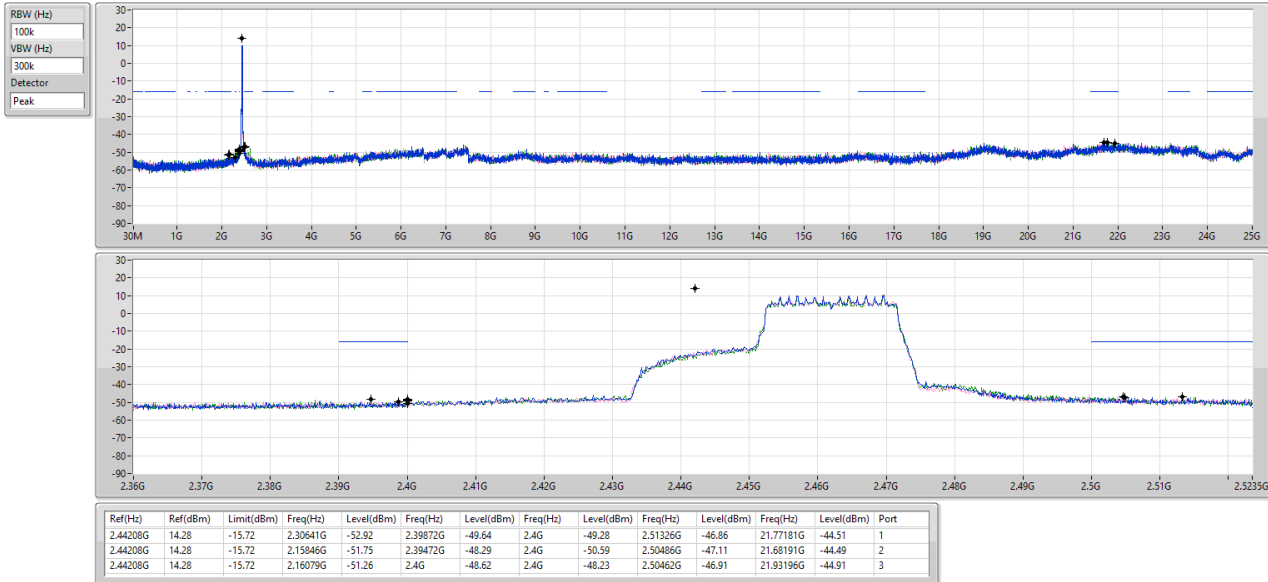


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

CSEndB

2462MHz

11/06/2024

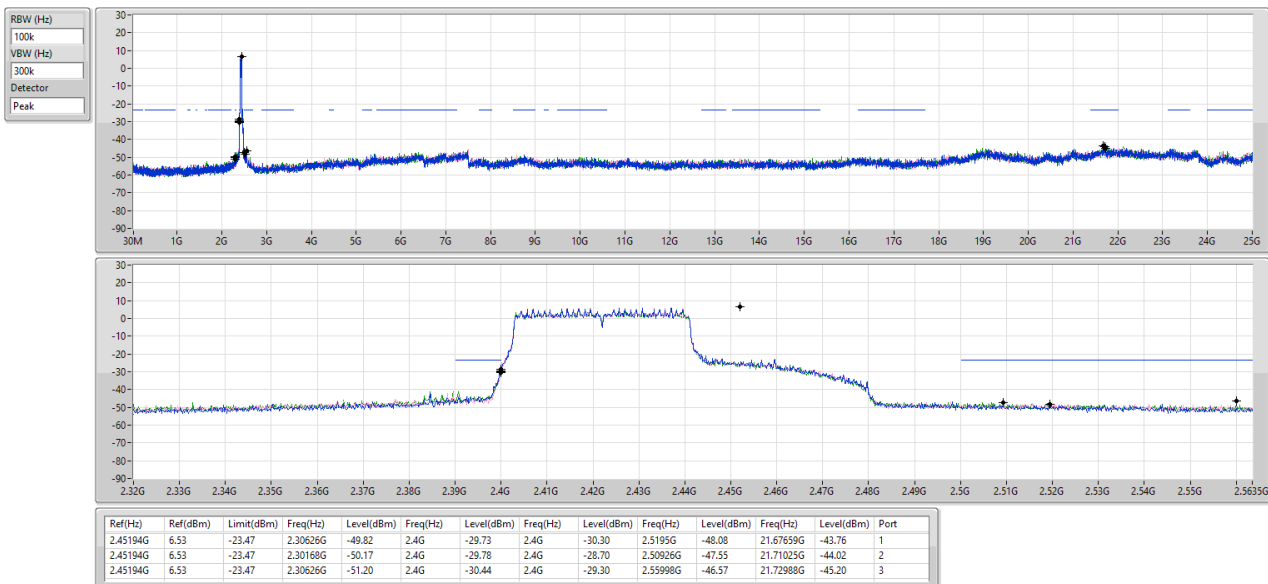


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

CSEndB

2422MHz

11/06/2024

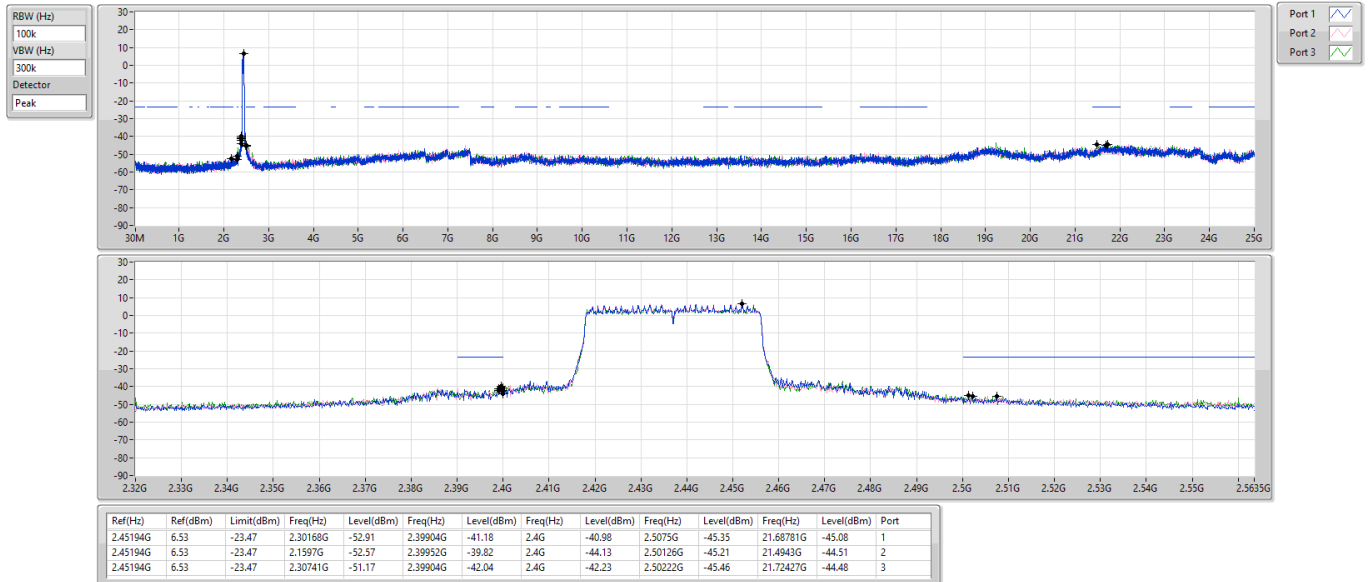


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

CSEndB

2437MHz

11/06/2024

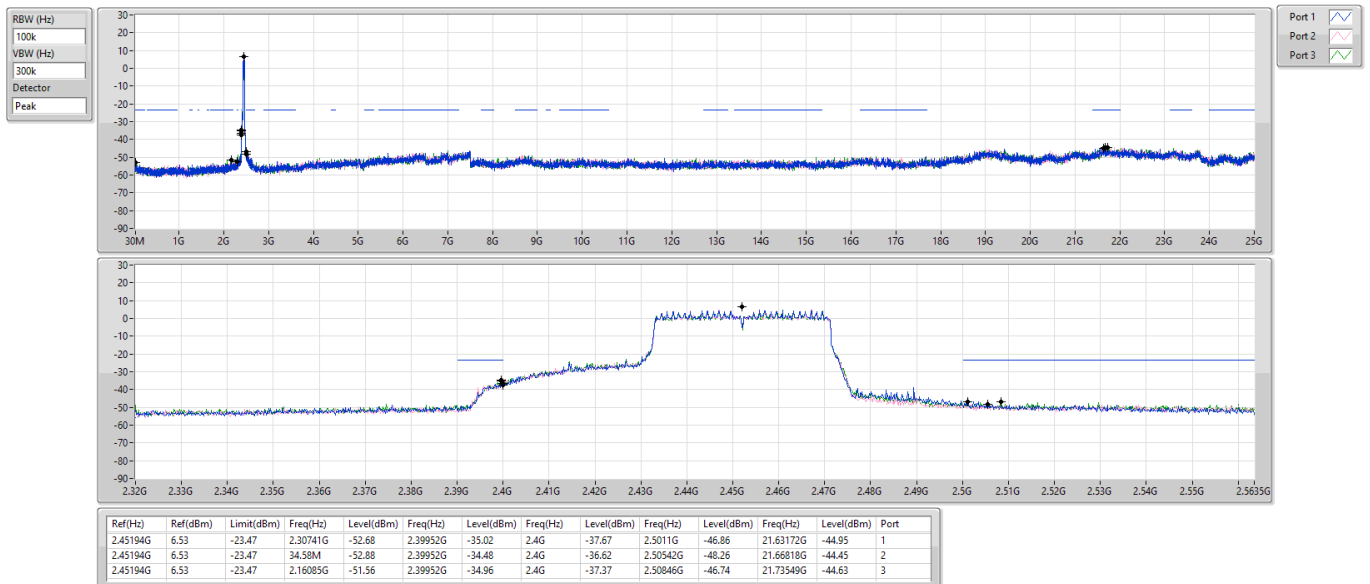


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

CSEndB

2452MHz

11/06/2024





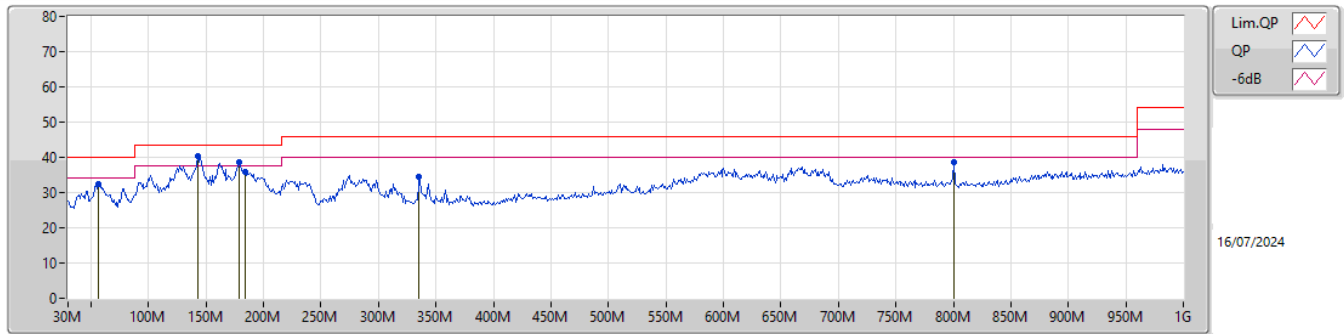
Radiated Emissions below 1GHz

Appendix F.1

Summary

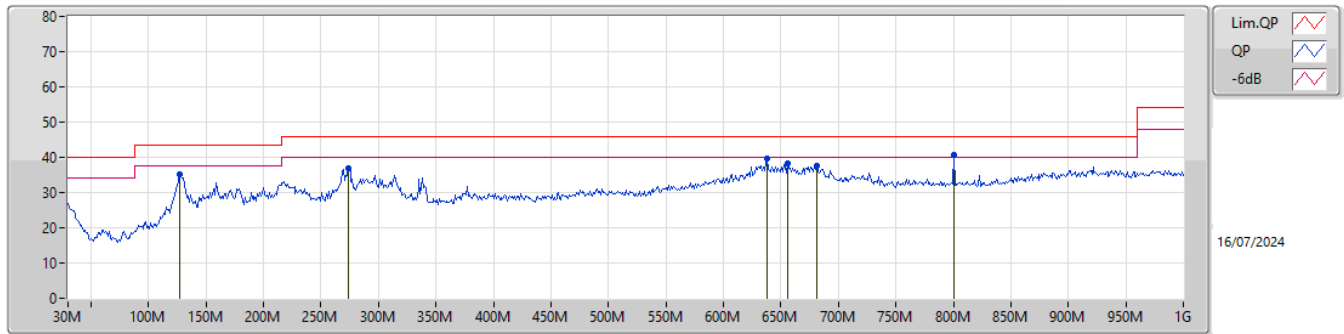
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	142.52M	40.20	43.50	-3.30	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	56.19M	32.52	40.00	-7.48	-17.43	3	Vertical	240	1.00	-	49.95	12.89	1.34	31.66		
PK	142.52M	40.20	43.50	-3.30	-12.66	3	Vertical	247	1.00	"Worst"	52.86	17.00	2.09	31.75		
PK	178.41M	38.78	43.50	-4.72	-14.07	3	Vertical	164	1.25	-	52.85	15.35	2.36	31.78		
PK	184.23M	35.92	43.50	-7.58	-14.28	3	Vertical	143	1.00	-	50.20	15.10	2.40	31.78		
PK	335.55M	34.60	46.00	-11.40	-8.76	3	Vertical	184	1.50	-	43.36	19.80	3.34	31.90		
PK	800.18M	38.71	46.00	-7.29	-1.04	3	Vertical	258	1.00	-	39.75	25.87	5.43	32.34		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	127M	35.23	43.50	-8.27	-11.65	3	Horizontal	175	2.00	-	46.88	18.12	1.98	31.75		
PK	273.47M	36.99	46.00	-9.01	-10.13	3	Horizontal	281	1.25	-	47.12	18.73	2.97	31.83		
PK	638.19M	39.67	46.00	-6.33	-2.79	3	Horizontal	109	1.00	-	42.46	24.74	4.77	32.30		
PK	655.65M	38.40	46.00	-7.60	-2.67	3	Horizontal	135	1.00	-	41.07	24.81	4.84	32.32		
PK	680.87M	37.42	46.00	-8.58	-2.56	3	Horizontal	135	1.00	-	39.98	24.83	4.94	32.33		
PK	800.18M	40.56	46.00	-5.44	-1.04	3	Horizontal	141	2.00	"Worst"	41.60	25.87	5.43	32.34		

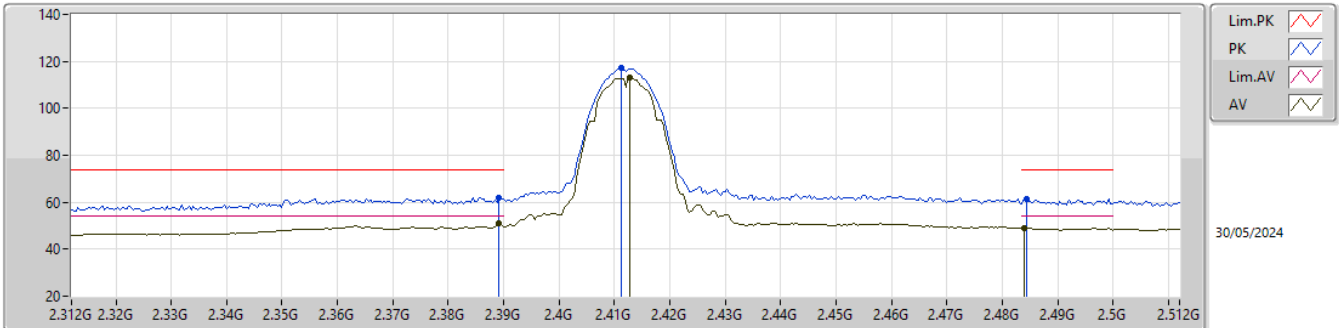


Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_3TX	Pass	AV	2.4862G	53.97	54.00	-0.03	3	Vertical	187	2.71	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2412MHz_TX

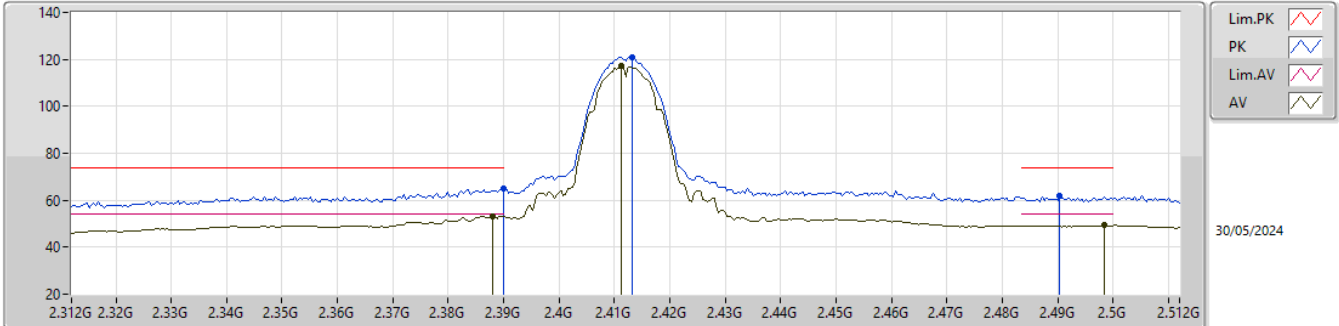


EUT Y_3TX
Setting 100
02-C-G-5

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	2.3892G	61.92	74.00	-12.08	30.38	3	Vertical	160	1.80	-	28.49	3.05	-			
AV	2.3892G	50.87	54.00	-3.13	19.33	3	Vertical	160	1.80	-	28.49	3.05	-			
PK	2.4112G	117.01	Inf	-Inf	85.55	3	Vertical	160	1.80	-	28.40	3.06	-			
AV	2.4128G	113.00	Inf	-Inf	81.53	3	Vertical	160	1.80	-	28.40	3.07	-			
PK	2.4844G	61.59	74.00	-12.41	29.90	3	Vertical	160	1.80	-	28.60	3.09	-			
AV	2.484G	48.88	54.00	-5.12	17.19	3	Vertical	160	1.80	-	28.60	3.09	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2412MHz_TX

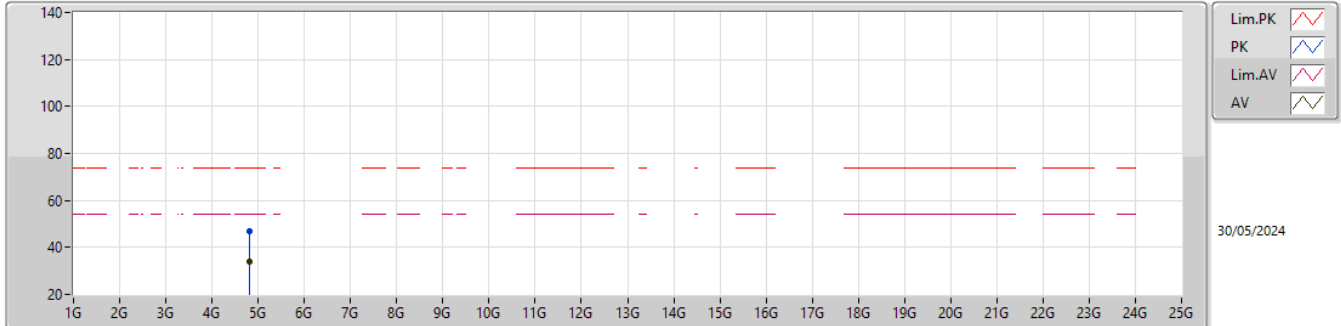


EUT Y_3TX
Setting 100
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	64.89	74.00	-9.11	33.33	3	Horizontal	242	1.77	-	28.50	3.06	-			
AV	2.388G	53.36	54.00	-0.64	21.83	3	Horizontal	242	1.77	-	28.48	3.05	-			
PK	2.4132G	120.83	Inf	-Inf	89.36	3	Horizontal	242	1.77	-	28.40	3.07	-			
AV	2.4112G	117.08	Inf	-Inf	85.62	3	Horizontal	242	1.77	-	28.40	3.06	-			
PK	2.4904G	62.12	74.00	-11.88	30.42	3	Horizontal	242	1.77	-	28.60	3.10	-			
AV	2.4984G	49.25	54.00	-4.75	17.55	3	Horizontal	242	1.77	-	28.60	3.10	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2412MHz_TX

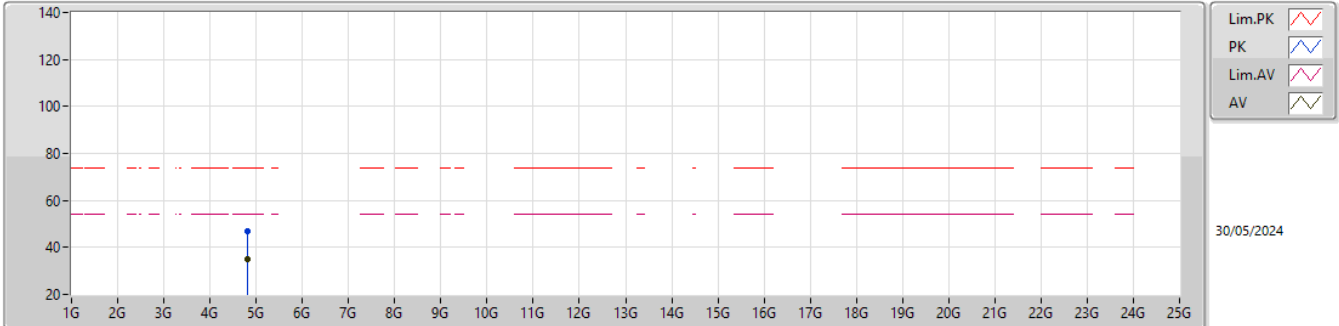


EUT Y_3TX
Setting 100
02-C-G-5

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	4.8204G	46.65	74.00	-27.35	39.09	3	Vertical	67	2.08	-	33.14	5.10	30.68			
AV	4.824G	34.08	54.00	-19.92	26.51	3	Vertical	67	2.08	-	33.15	5.10	30.68			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2412MHz_TX

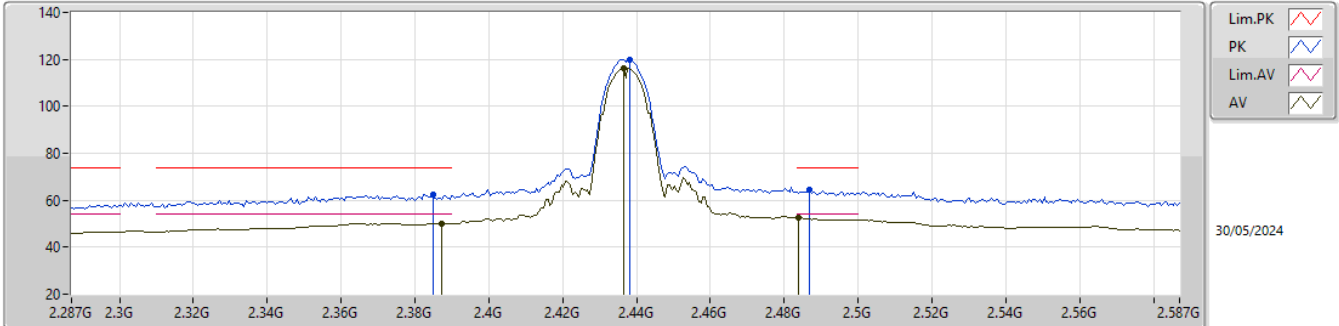


EUT Y_3TX
Setting 100
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8243G	47.00	74.00	-27.00	39.43	3	Horizontal	140	1.70	-	33.15	5.10	30.68			
AV	4.82397G	34.93	54.00	-19.07	27.36	3	Horizontal	140	1.70	-	33.15	5.10	30.68			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2437MHz_TX

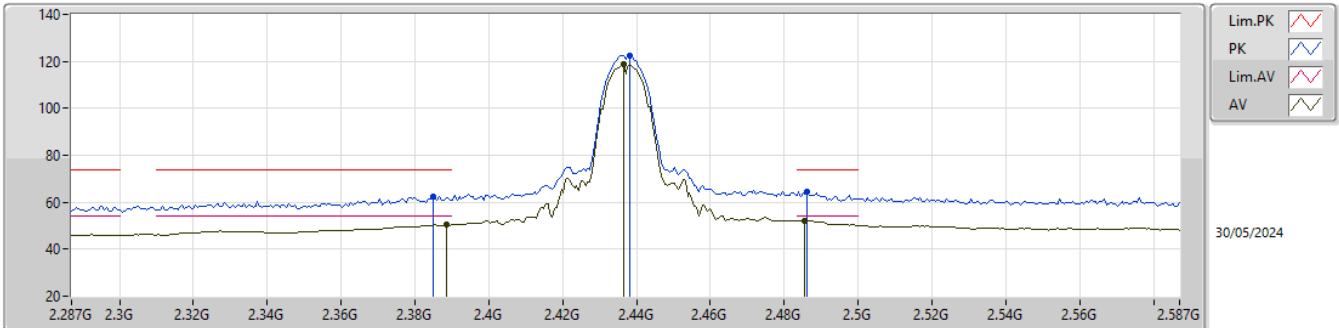


EUT Y_3TX
Setting 106
02-C-G-5

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	2.3848G	62.37	74.00	-11.63	30.87	3	Vertical	165	2.11	-	28.45	3.05	-			
AV	2.3872G	50.20	54.00	-3.80	18.68	3	Vertical	165	2.11	-	28.47	3.05	-			
PK	2.4382G	119.88	Inf	-Inf	88.30	3	Vertical	165	2.11	-	28.50	3.08	-			
AV	2.4364G	116.04	Inf	-Inf	84.47	3	Vertical	165	2.11	-	28.50	3.07	-			
PK	2.4868G	64.49	74.00	-9.51	32.80	3	Vertical	165	2.11	-	28.60	3.09	-			
AV	2.4838G	52.51	54.00	-1.49	20.82	3	Vertical	165	2.11	-	28.60	3.09	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2437MHz_TX

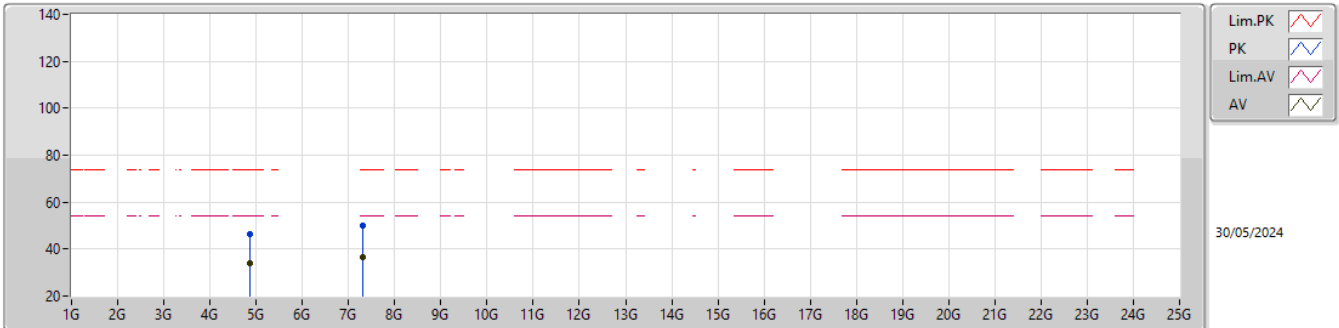


EUT Y_3TX
Setting 106
02-C-G-5

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	2.3848G	62.52	74.00	-11.48	31.02	3	Horizontal	260	1.55	-	28.45	3.05	-			
AV	2.3884G	50.46	54.00	-3.54	18.93	3	Horizontal	260	1.55	-	28.48	3.05	-			
PK	2.4382G	122.42	Inf	-Inf	90.84	3	Horizontal	260	1.55	-	28.50	3.08	-			
AV	2.4364G	118.90	Inf	-Inf	87.33	3	Horizontal	260	1.55	-	28.50	3.07	-			
PK	2.4862G	64.55	74.00	-9.45	32.86	3	Horizontal	260	1.55	-	28.60	3.09	-			
AV	2.4856G	52.30	54.00	-1.70	20.61	3	Horizontal	260	1.55	-	28.60	3.09	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2437MHz_TX

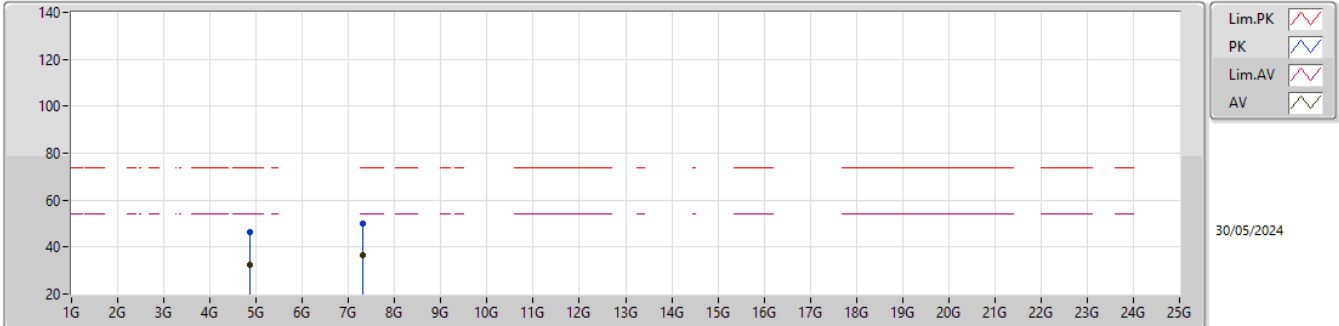


EUT Y_3TX
Setting 106
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.87436G	46.43	74.00	-27.57	38.71	3	Vertical	50	1.80	-	33.25	5.11	30.64			
AV	4.87391G	33.95	54.00	-20.05	26.23	3	Vertical	50	1.80	-	33.25	5.11	30.64			
PK	7.31802G	50.11	74.00	-23.89	39.25	3	Vertical	103	1.21	-	36.47	6.51	32.12			
AV	7.3101G	36.65	54.00	-17.35	25.81	3	Vertical	103	1.21	-	36.44	6.51	32.11			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2437MHz_TX

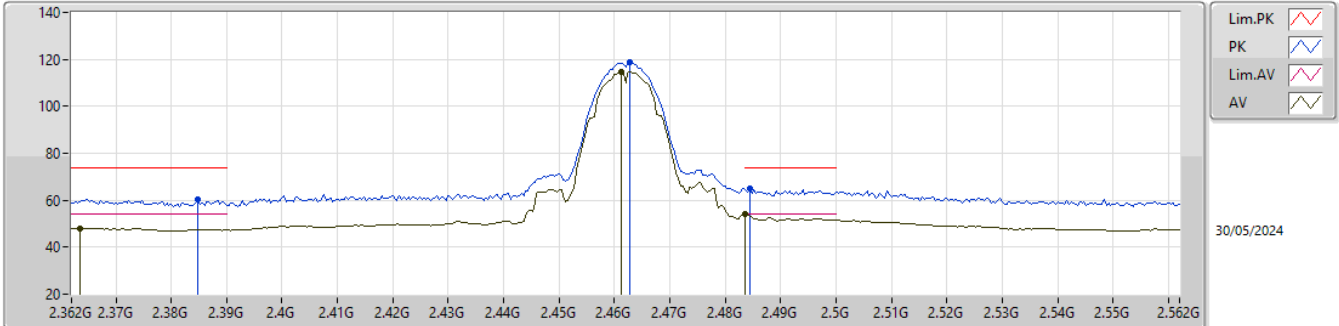


EUT Y_3TX
Setting 106
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.8713G	46.18	74.00	-27.82	38.47	3	Horizontal	231	1.95	-	33.24	5.11	30.64				
AV	4.87388G	32.59	54.00	-21.41	24.87	3	Horizontal	231	1.95	-	33.25	5.11	30.64				
PK	7.31409G	50.05	74.00	-23.95	39.20	3	Horizontal	208	1.54	-	36.46	6.51	32.12				
AV	7.31442G	36.75	54.00	-17.25	25.90	3	Horizontal	208	1.54	-	36.46	6.51	32.12				

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2462MHz_TX

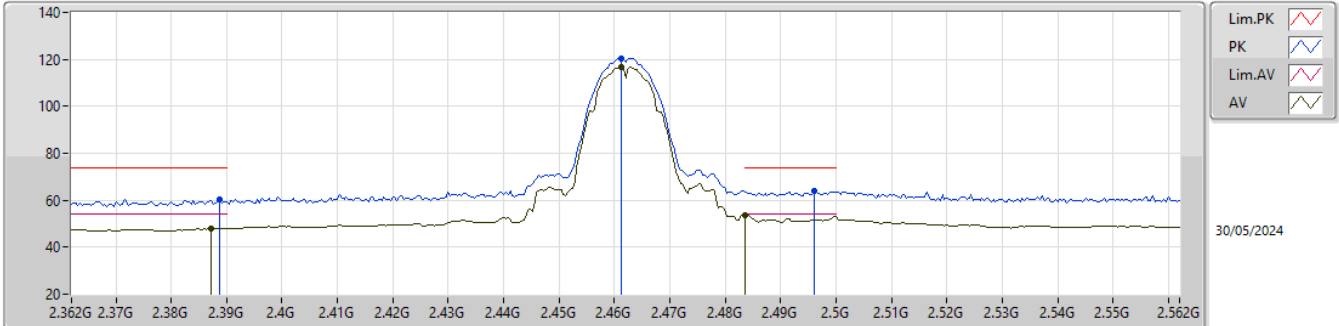


EUT Y_3TX
Setting 100
02-C-G-5

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	2.3848G	60.56	74.00	-13.44	29.06	3	Vertical	176	1.49	-	28.45	3.05	-			
AV	2.3636G	48.16	54.00	-5.84	16.72	3	Vertical	176	1.49	-	28.40	3.04	-			
PK	2.4628G	118.63	Inf	-Inf	87.11	3	Vertical	176	1.49	-	28.43	3.09	-			
AV	2.4612G	114.71	Inf	-Inf	83.22	3	Vertical	176	1.49	-	28.41	3.08	-			
PK	2.4844G	64.95	74.00	-9.05	33.26	3	Vertical	176	1.49	-	28.60	3.09	-			
AV	2.4835G	53.89	54.00	-0.11	22.20	3	Vertical	176	1.49	-	28.60	3.09	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2462MHz_TX

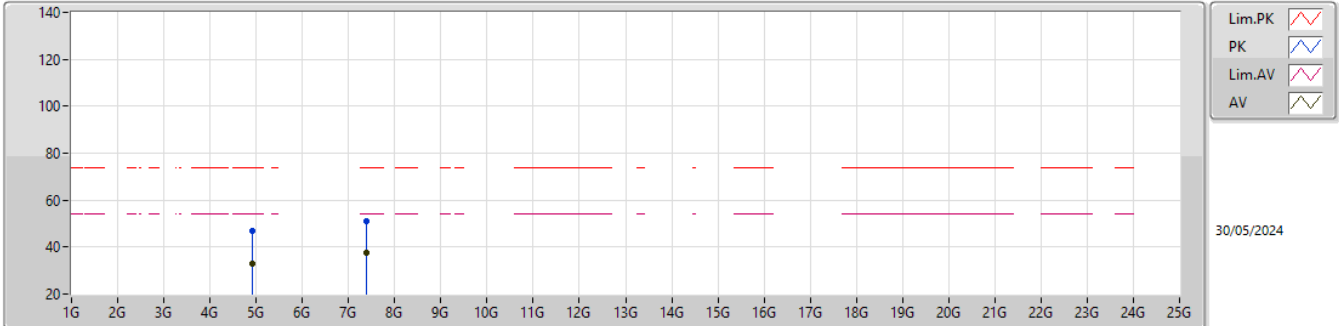


EUT Y_3TX
Setting 100
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3888G	60.57	74.00	-13.43	29.03	3	Horizontal	257	1.63	-	28.49	3.05	-			
AV	2.3872G	47.87	54.00	-6.13	16.35	3	Horizontal	257	1.63	-	28.47	3.05	-			
PK	2.4612G	120.56	Inf	-Inf	89.07	3	Horizontal	257	1.63	-	28.41	3.08	-			
AV	2.4612G	116.87	Inf	-Inf	85.38	3	Horizontal	257	1.63	-	28.41	3.08	-			
PK	2.496G	63.97	74.00	-10.03	32.27	3	Horizontal	257	1.63	-	28.60	3.10	-			
AV	2.4835G	53.83	54.00	-0.17	22.14	3	Horizontal	257	1.63	-	28.60	3.09	-			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2462MHz_TX

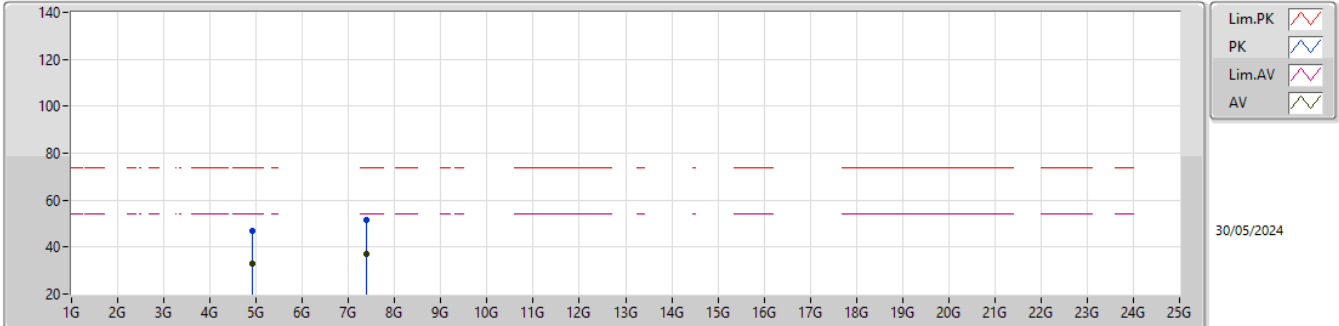


EUT Y_3TX
Setting 100
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9273G	46.84	74.00	-27.16	38.97	3	Vertical	278	1.80	-	33.35	5.13	30.61			
AV	4.92625G	33.13	54.00	-20.87	25.26	3	Vertical	278	1.80	-	33.35	5.13	30.61			
PK	7.389G	50.97	74.00	-23.03	39.98	3	Vertical	148	1.80	-	36.60	6.55	32.16			
AV	7.39095G	37.43	54.00	-16.57	26.43	3	Vertical	148	1.80	-	36.60	6.56	32.16			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_3TX

2462MHz_TX

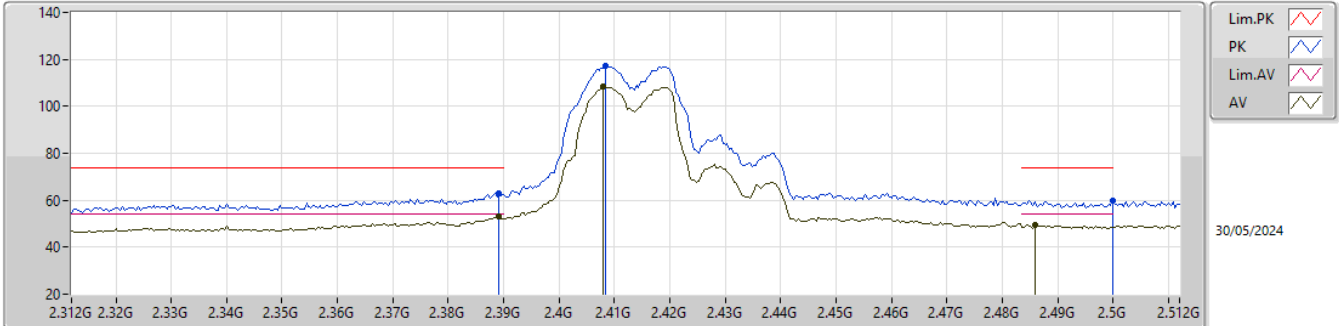


EUT Y_3TX
Setting 100
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92574G	46.95	74.00	-27.05	39.08	3	Horizontal	252	1.71	-	33.35	5.13	30.61			
AV	4.91785G	33.05	54.00	-20.95	25.19	3	Horizontal	252	1.71	-	33.34	5.13	30.61			
PK	7.3884G	51.54	74.00	-22.46	40.55	3	Horizontal	1	1.53	-	36.60	6.55	32.16			
AV	7.38528G	37.26	54.00	-16.74	26.27	3	Horizontal	1	1.53	-	36.60	6.55	32.16			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2412MHz_TX

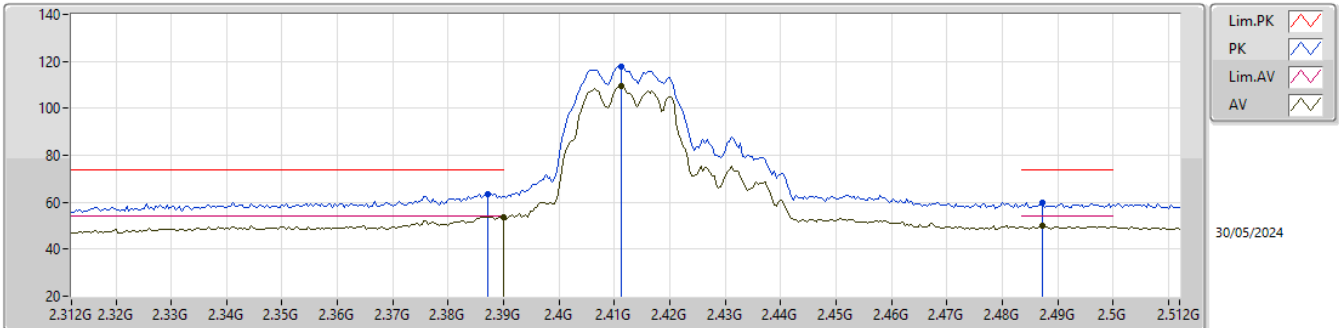


EUT Y_3TX
Setting 90
02-C-G-5

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	2.3892G	62.84	74.00	-11.16	31.30	3	Vertical	240	2.40	-	28.49	3.05	-			
AV	2.3892G	52.91	54.00	-1.09	21.37	3	Vertical	240	2.40	-	28.49	3.05	-			
PK	2.4084G	117.49	Inf	-Inf	86.01	3	Vertical	240	2.40	-	28.42	3.06	-			
AV	2.408G	108.27	Inf	-Inf	76.79	3	Vertical	240	2.40	-	28.42	3.06	-			
PK	2.5G	59.85	74.00	-14.15	28.15	3	Vertical	240	2.40	-	28.60	3.10	-			
AV	2.486G	49.51	54.00	-4.49	17.82	3	Vertical	240	2.40	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2412MHz_TX

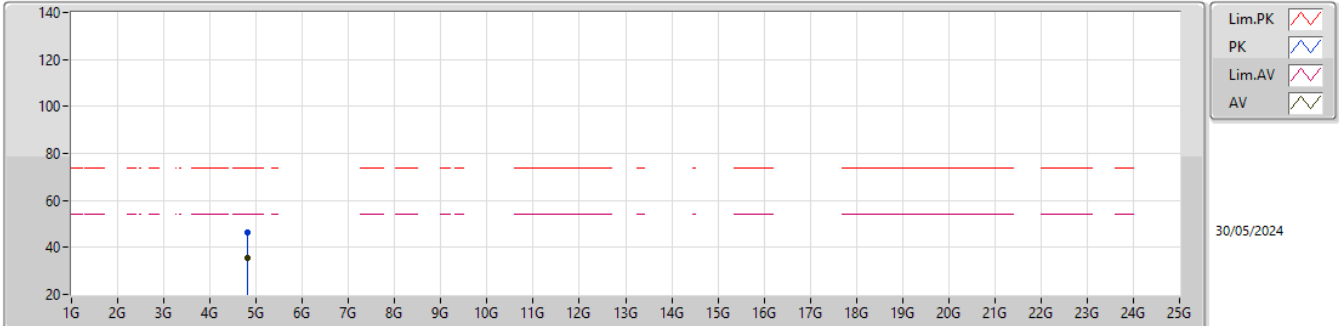


EUT Y_3TX
Setting 90
02-C-G-5

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	2.3872G	63.55	74.00	-10.45	32.03	3	Horizontal	241	1.76	-	28.47	3.05	-			
AV	2.39G	53.77	54.00	-0.23	22.21	3	Horizontal	241	1.76	-	28.50	3.06	-			
PK	2.4112G	117.85	Inf	-Inf	86.39	3	Horizontal	241	1.76	-	28.40	3.06	-			
AV	2.4112G	109.47	Inf	-Inf	78.01	3	Horizontal	241	1.76	-	28.40	3.06	-			
PK	2.4872G	59.74	74.00	-14.26	28.05	3	Horizontal	241	1.76	-	28.60	3.09	-			
AV	2.4872G	49.85	54.00	-4.15	18.16	3	Horizontal	241	1.76	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2412MHz_TX

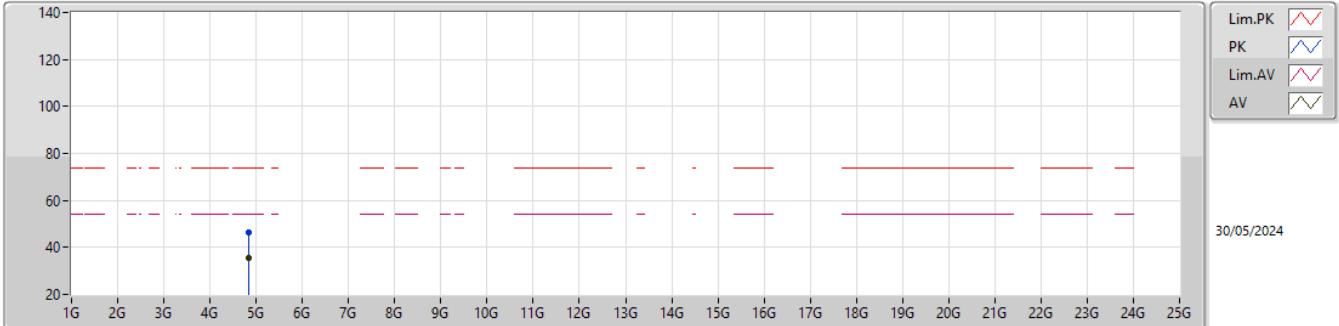


EUT Y_3TX
Setting 90
02-C-G-5

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	4.81468G	46.31	74.00	-27.69	38.77	3	Vertical	42	1.80	-	33.13	5.09	30.68			
AV	4.82164G	35.71	54.00	-18.29	28.15	3	Vertical	42	1.80	-	33.14	5.10	30.68			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2412MHz_TX

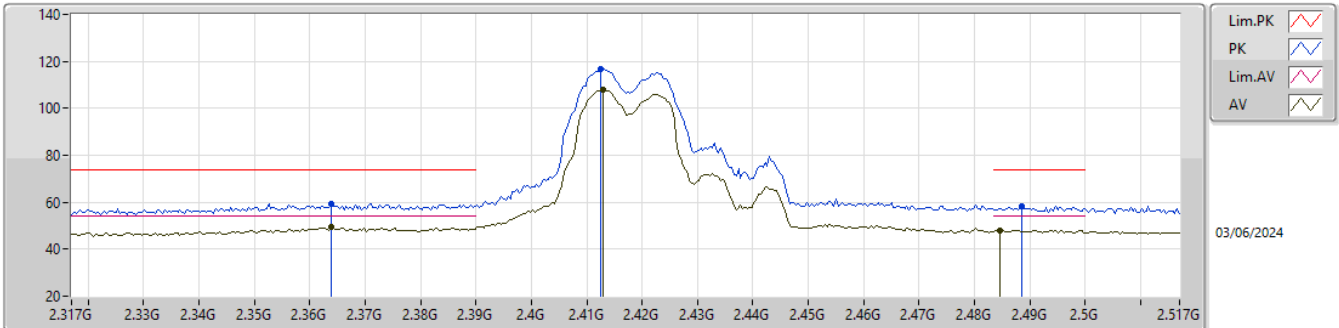


EUT Y_3TX
Setting 90
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.82476G	46.34	74.00	-27.66	38.77	3	Horizontal	148	2.56	-	33.15	5.10	30.68			
AV	4.83124G	35.75	54.00	-18.25	28.16	3	Horizontal	148	2.56	-	33.16	5.10	30.67			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2417MHz_TX

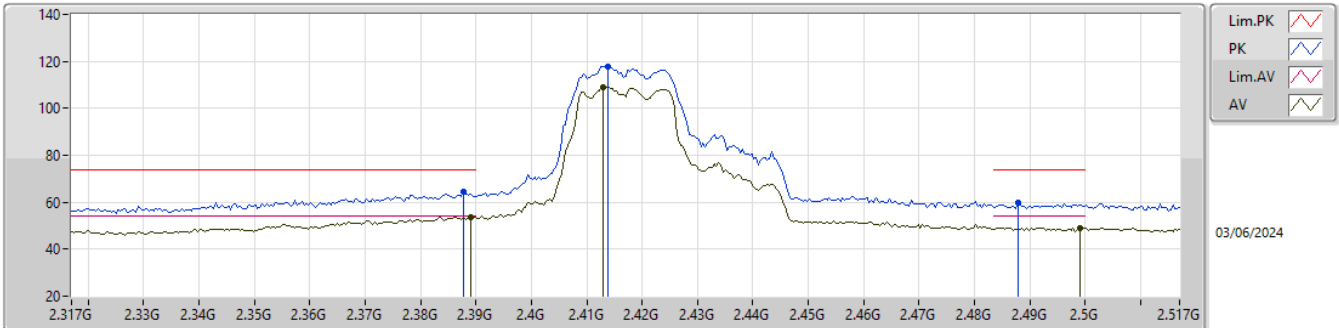


EUT Y_3TX
Setting 93
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3638G	59.48	74.00	-14.52	28.04	3	Vertical	339	2.55	-	28.40	3.04	-			
AV	2.3638G	49.56	54.00	-4.44	18.12	3	Vertical	339	2.55	-	28.40	3.04	-			
PK	2.4126G	116.77	Inf	-Inf	85.30	3	Vertical	339	2.55	-	28.40	3.07	-			
AV	2.413G	108.03	Inf	-Inf	76.56	3	Vertical	339	2.55	-	28.40	3.07	-			
PK	2.4886G	58.40	74.00	-15.60	26.70	3	Vertical	339	2.55	-	28.60	3.10	-			
AV	2.4846G	48.18	54.00	-5.82	16.49	3	Vertical	339	2.55	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2417MHz_TX

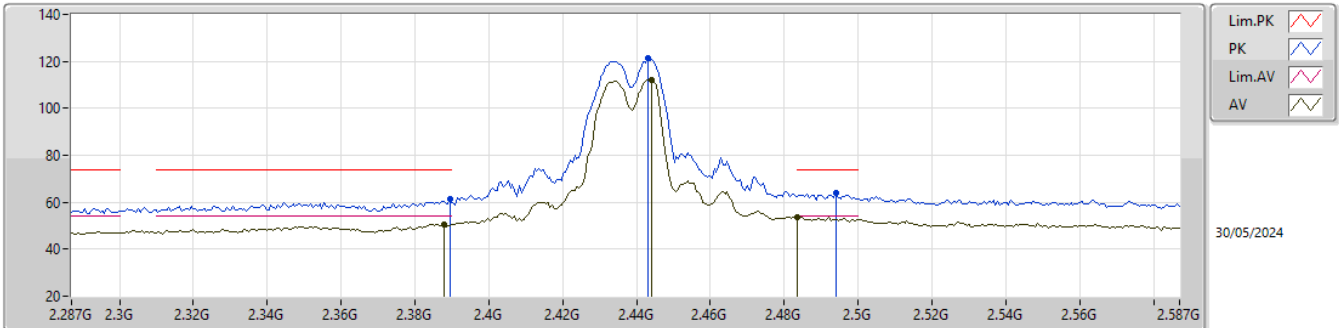


EUT Y_3TX
Setting 93
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3878G	64.33	74.00	-9.67	32.80	3	Horizontal	80	2.13	-	28.48	3.05	-				
AV	2.389G	53.62	54.00	-0.38	22.08	3	Horizontal	80	2.13	-	28.49	3.05	-				
PK	2.4138G	117.72	Inf	-Inf	86.25	3	Horizontal	80	2.13	-	28.40	3.07	-				
AV	2.413G	108.95	Inf	-Inf	77.48	3	Horizontal	80	2.13	-	28.40	3.07	-				
PK	2.4878G	59.77	74.00	-14.23	28.07	3	Horizontal	80	2.13	-	28.60	3.10	-				
AV	2.499G	49.14	54.00	-4.86	17.44	3	Horizontal	80	2.13	-	28.60	3.10	-				

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2437MHz_TX

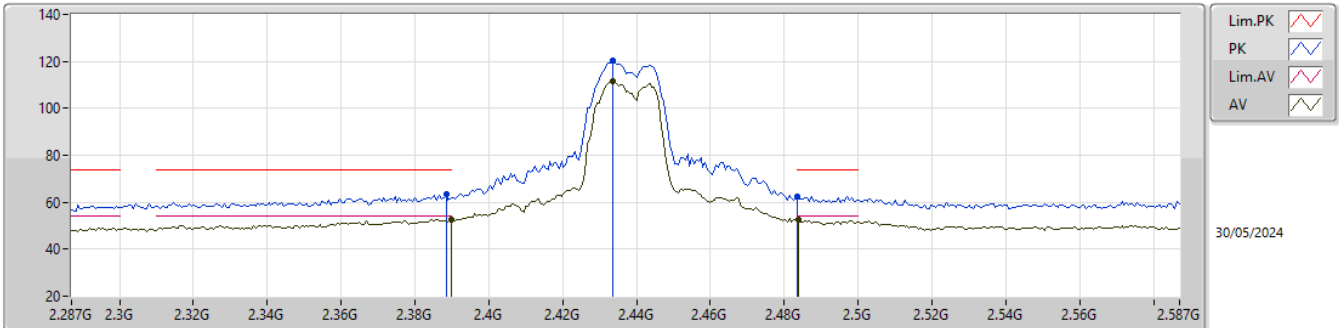


EUT Y_3TX
Setting 102
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3896G	61.44	74.00	-12.56	29.89	3	Vertical	242	1.80	-	28.50	3.05	-			
AV	2.3878G	50.68	54.00	-3.32	19.15	3	Vertical	242	1.80	-	28.48	3.05	-			
PK	2.443G	121.35	Inf	-Inf	89.77	3	Vertical	242	1.80	-	28.50	3.08	-			
AV	2.4442G	112.32	Inf	-Inf	80.74	3	Vertical	242	1.80	-	28.50	3.08	-			
PK	2.494G	64.02	74.00	-9.98	32.32	3	Vertical	242	1.80	-	28.60	3.10	-			
AV	2.4835G	53.69	54.00	-0.31	22.00	3	Vertical	242	1.80	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2437MHz_TX

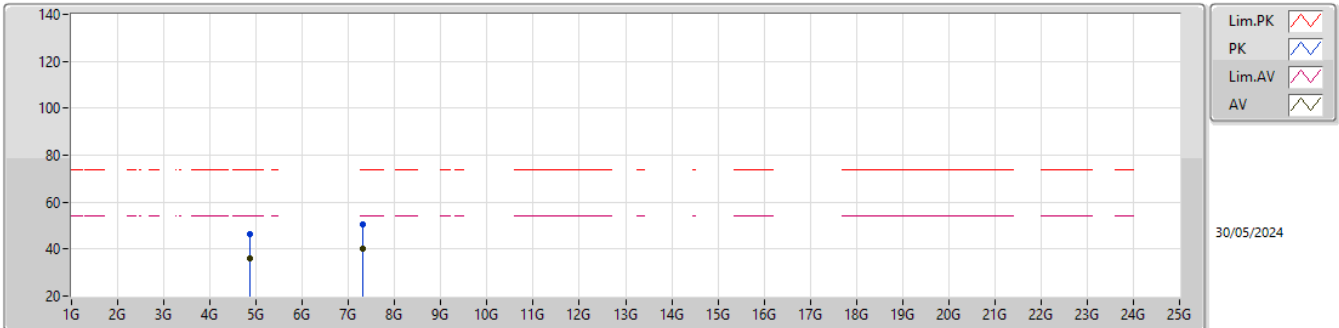


EUT_Y_3TX
Setting 102
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3884G	63.42	74.00	-10.58	31.89	3	Horizontal	103	1.29	-	28.48	3.05	-			
AV	2.39G	52.53	54.00	-1.47	20.98	3	Horizontal	103	1.29	-	28.50	3.05	-			
PK	2.4334G	120.17	Inf	-Inf	88.60	3	Horizontal	103	1.29	-	28.50	3.07	-			
AV	2.4334G	111.71	Inf	-Inf	80.14	3	Horizontal	103	1.29	-	28.50	3.07	-			
PK	2.4835G	62.55	74.00	-11.45	30.86	3	Horizontal	103	1.29	-	28.60	3.09	-			
AV	2.4838G	52.34	54.00	-1.66	20.65	3	Horizontal	103	1.29	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2437MHz_TX

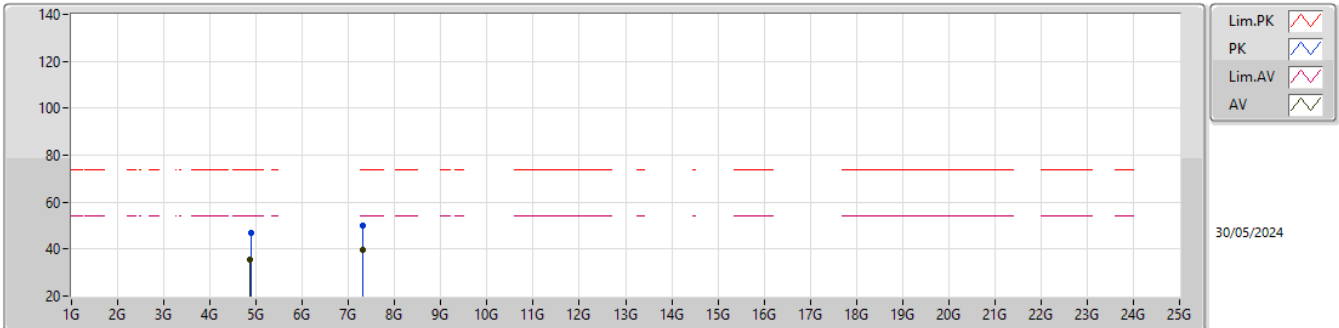


EUT Y_3TX
Setting 102
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8755G	46.50	74.00	-27.50	38.78	3	Vertical	358	1.80	-	33.25	5.11	30.64			
AV	4.87439G	35.78	54.00	-18.22	28.06	3	Vertical	358	1.80	-	33.25	5.11	30.64			
PK	7.30536G	50.66	74.00	-23.34	39.84	3	Vertical	52	1.80	-	36.42	6.51	32.11			
AV	7.31304G	40.06	54.00	-13.94	29.22	3	Vertical	52	1.80	-	36.45	6.51	32.12			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2437MHz_TX

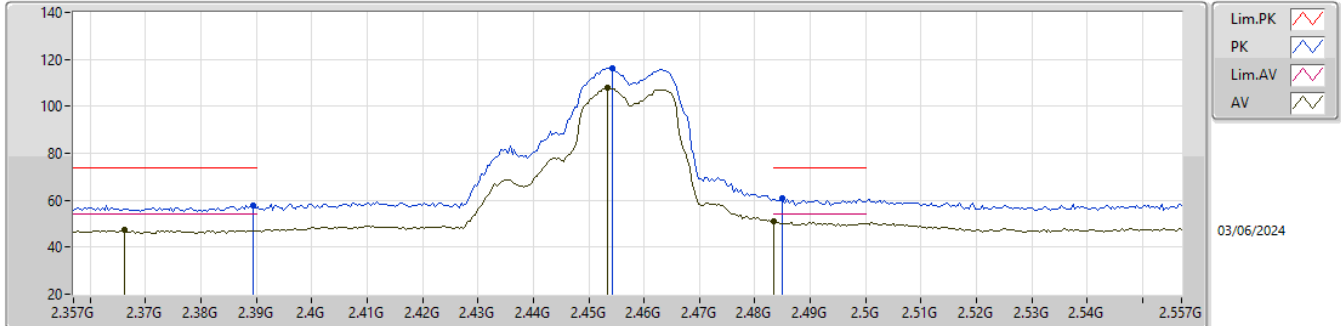


EUT Y_3TX
Setting 102
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.88051G	46.83	74.00	-27.17	39.10	3	Horizontal	323	1.80	-	33.26	5.11	30.64			
AV	4.87421G	35.66	54.00	-18.34	27.94	3	Horizontal	323	1.80	-	33.25	5.11	30.64			
PK	7.3089G	49.97	74.00	-24.03	39.13	3	Horizontal	345	1.14	-	36.44	6.51	32.11			
AV	7.31034G	39.77	54.00	-14.23	28.93	3	Horizontal	345	1.14	-	36.44	6.51	32.11			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2457MHz_TX

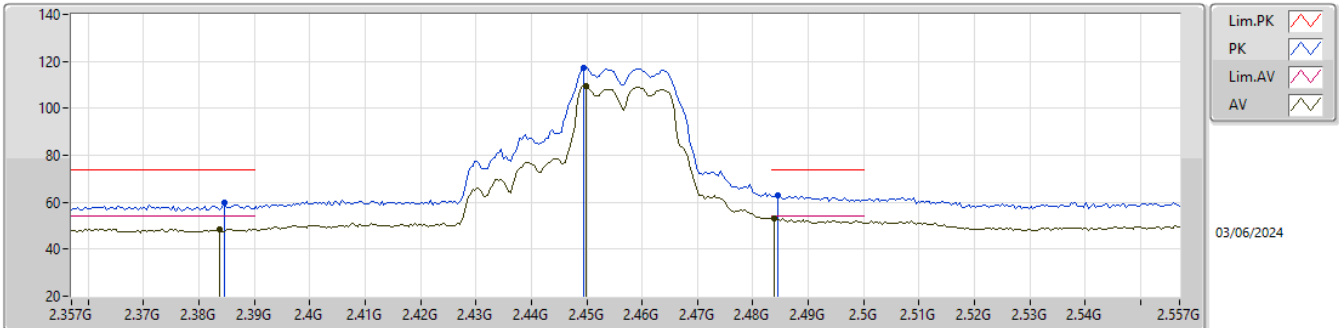


EUT Y_3TX
Setting 90
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3894G	57.97	74.00	-16.03	26.43	3	Vertical	227	2.84	-	28.49	3.05	-			
AV	2.3662G	47.23	54.00	-6.77	15.79	3	Vertical	227	2.84	-	28.40	3.04	-			
PK	2.4542G	116.22	Inf	-Inf	84.68	3	Vertical	227	2.84	-	28.46	3.08	-			
AV	2.4534G	107.68	Inf	-Inf	76.13	3	Vertical	227	2.84	-	28.47	3.08	-			
PK	2.485G	60.87	74.00	-13.13	29.18	3	Vertical	227	2.84	-	28.60	3.09	-			
AV	2.4835G	50.97	54.00	-3.03	19.28	3	Vertical	227	2.84	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2457MHz_TX

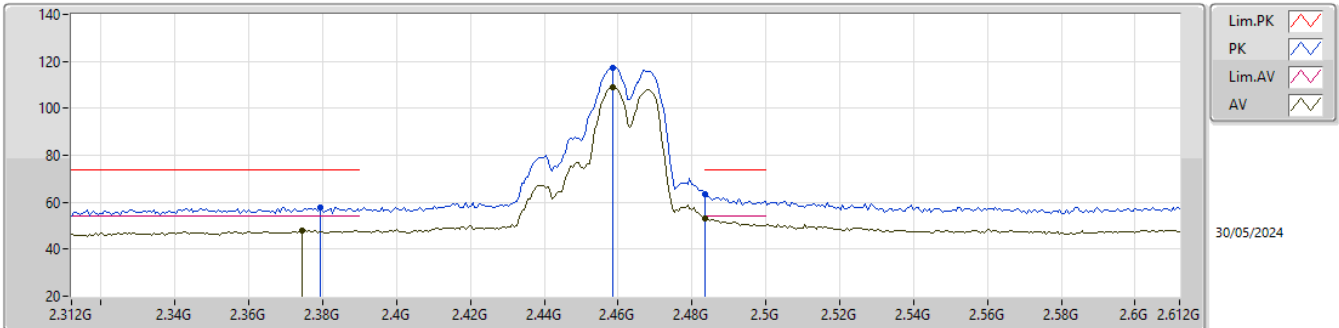


EUT Y_3TX
Setting 90
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3846G	59.66	74.00	-14.34	28.16	3	Horizontal	50	1.86	-	28.45	3.05	-			
AV	2.3838G	48.49	54.00	-5.51	17.00	3	Horizontal	50	1.86	-	28.44	3.05	-			
PK	2.4494G	117.24	Inf	-Inf	85.66	3	Horizontal	50	1.86	-	28.50	3.08	-			
AV	2.4498G	109.35	Inf	-Inf	77.77	3	Horizontal	50	1.86	-	28.50	3.08	-			
PK	2.4846G	62.79	74.00	-11.21	31.10	3	Horizontal	50	1.86	-	28.60	3.09	-			
AV	2.4838G	53.15	54.00	-0.85	21.46	3	Horizontal	50	1.86	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2462MHz_TX

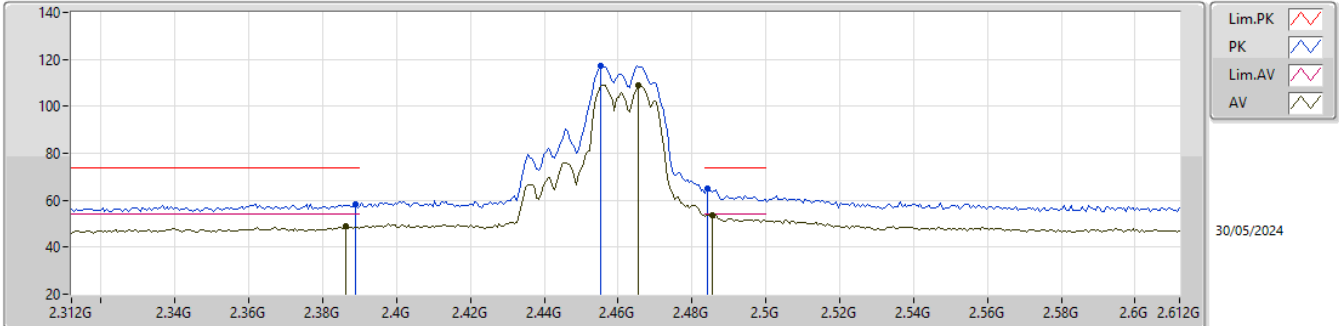


EUT_Y_3TX
Setting 87
02-C-G-5

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	2.3792G	57.88	74.00	-16.12	26.43	3	Vertical	231	2.51	-	28.40	3.05	-			
AV	2.3744G	47.95	54.00	-6.05	16.50	3	Vertical	231	2.51	-	28.40	3.05	-			
PK	2.4584G	117.45	Inf	-Inf	85.95	3	Vertical	231	2.51	-	28.42	3.08	-			
AV	2.4584G	109.11	Inf	-Inf	77.61	3	Vertical	231	2.51	-	28.42	3.08	-			
PK	2.4835G	63.41	74.00	-10.59	31.72	3	Vertical	231	2.51	-	28.60	3.09	-			
AV	2.4835G	53.01	54.00	-0.99	21.32	3	Vertical	231	2.51	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2462MHz_TX

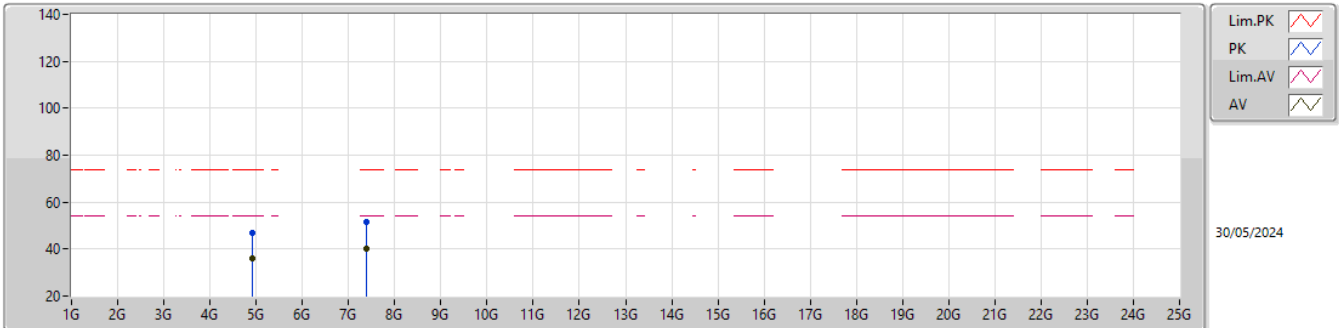


EUT Y_3TX
Setting 87
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3888G	58.51	74.00	-15.49	26.97	3	Horizontal	137	1.84	-	28.49	3.05	-			
AV	2.3864G	48.90	54.00	-5.10	17.39	3	Horizontal	137	1.84	-	28.46	3.05	-			
PK	2.4554G	117.32	Inf	-Inf	85.79	3	Horizontal	137	1.84	-	28.45	3.08	-			
AV	2.4656G	109.02	Inf	-Inf	77.47	3	Horizontal	137	1.84	-	28.46	3.09	-			
PK	2.4842G	65.06	74.00	-8.94	33.37	3	Horizontal	137	1.84	-	28.60	3.09	-			
AV	2.4854G	53.82	54.00	-0.18	22.13	3	Horizontal	137	1.84	-	28.60	3.09	-			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2462MHz_TX

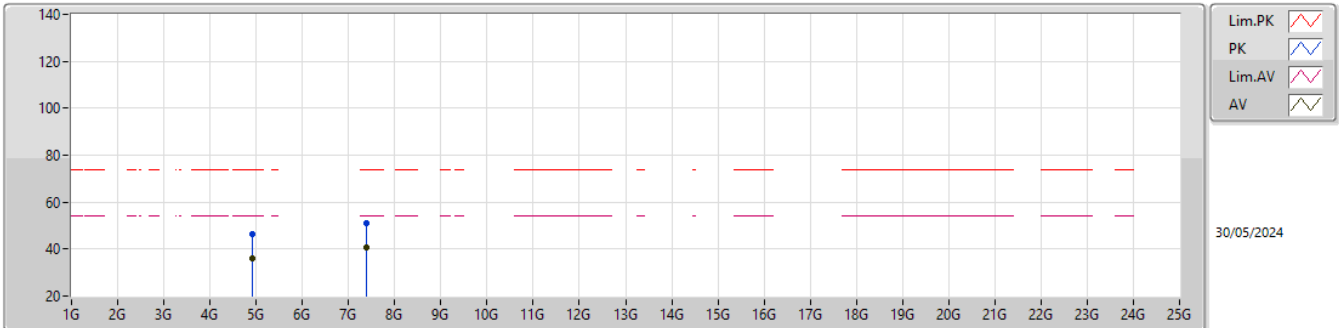


EUT_Y_3TX
Setting 87
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92544G	47.00	74.00	-27.00	39.13	3	Vertical	0	1.63	-	33.35	5.13	30.61			
AV	4.92823G	35.78	54.00	-18.22	27.90	3	Vertical	0	1.63	-	33.36	5.13	30.61			
PK	7.39125G	51.73	74.00	-22.27	40.73	3	Vertical	90	1.61	-	36.60	6.56	32.16			
AV	7.39287G	40.31	54.00	-13.69	29.31	3	Vertical	90	1.61	-	36.60	6.56	32.16			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_3TX

2462MHz_TX

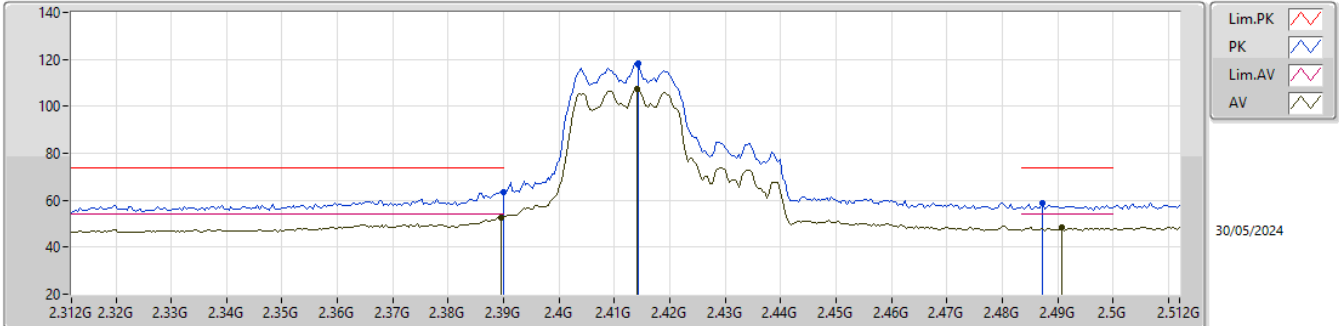


EUT_Y_3TX
Setting 87
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92673G	46.61	74.00	-27.39	38.74	3	Horizontal	164	1.80	-	33.35	5.13	30.61			
AV	4.92172G	35.95	54.00	-18.05	28.09	3	Horizontal	164	1.80	-	33.34	5.13	30.61			
PK	7.39212G	51.11	74.00	-22.89	40.11	3	Horizontal	150	1.80	-	36.60	6.56	32.16			
AV	7.39311G	40.44	54.00	-13.56	29.44	3	Horizontal	150	1.80	-	36.60	6.56	32.16			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2412MHz_TX

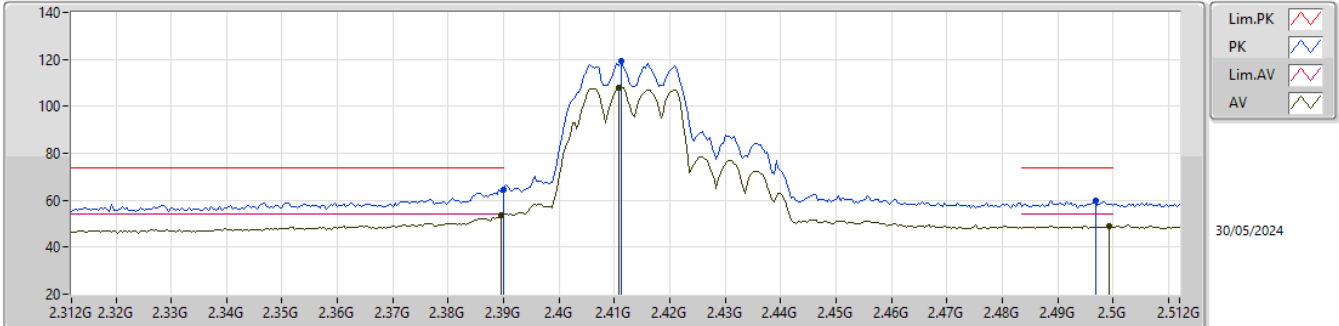


EUT_Y_3TX
Setting 88
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	63.53	74.00	-10.47	31.97	3	Vertical	248	2.98	-	28.50	3.06	-			
AV	2.3896G	52.59	54.00	-1.41	21.04	3	Vertical	248	2.98	-	28.50	3.05	-			
PK	2.4144G	118.15	Inf	-Inf	86.68	3	Vertical	248	2.98	-	28.40	3.07	-			
AV	2.414G	107.37	Inf	-Inf	75.90	3	Vertical	248	2.98	-	28.40	3.07	-			
PK	2.4872G	58.55	74.00	-15.45	26.86	3	Vertical	248	2.98	-	28.60	3.09	-			
AV	2.4908G	48.21	54.00	-5.79	16.51	3	Vertical	248	2.98	-	28.60	3.10	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2412MHz_TX

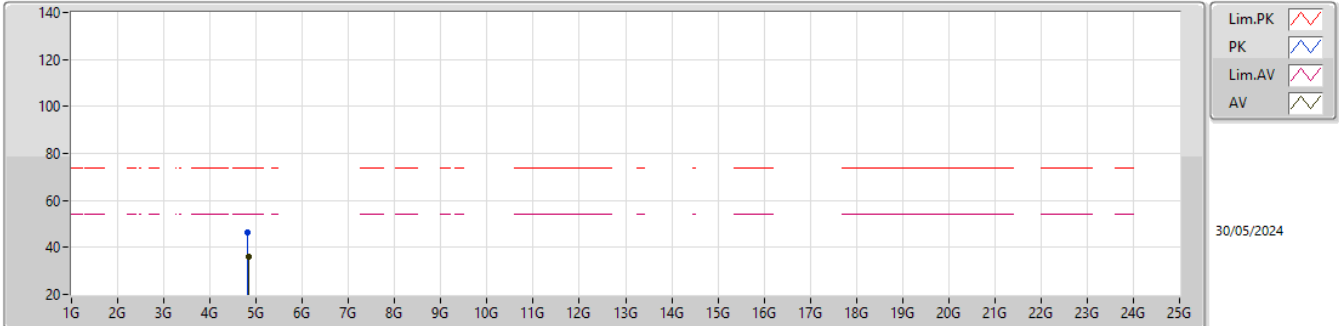


EUT Y_3TX
Setting 88
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	64.41	74.00	-9.59	32.85	3	Horizontal	144	1.75	-	28.50	3.06	-			
AV	2.3896G	53.61	54.00	-0.39	22.06	3	Horizontal	144	1.75	-	28.50	3.05	-			
PK	2.4112G	119.35	Inf	-Inf	87.89	3	Horizontal	144	1.75	-	28.40	3.06	-			
AV	2.4108G	107.93	Inf	-Inf	76.47	3	Horizontal	144	1.75	-	28.40	3.06	-			
PK	2.4968G	59.74	74.00	-14.26	28.04	3	Horizontal	144	1.75	-	28.60	3.10	-			
AV	2.4992G	49.09	54.00	-4.91	17.39	3	Horizontal	144	1.75	-	28.60	3.10	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2412MHz_TX

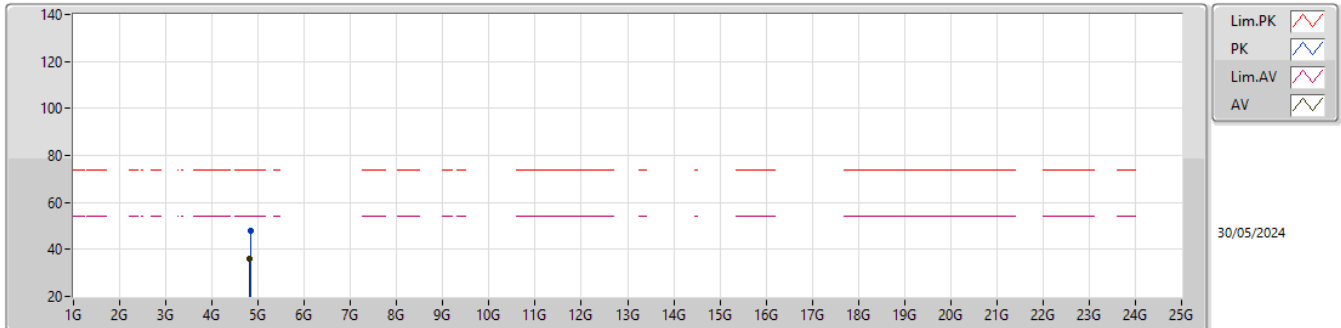


EUT_Y_3TX
Setting 88
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.81984G	46.58	74.00	-27.42	39.02	3	Vertical	119	1.24	-	33.14	5.10	30.68			
AV	4.82508G	35.96	54.00	-18.04	28.39	3	Vertical	119	1.24	-	33.15	5.10	30.68			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2412MHz_TX

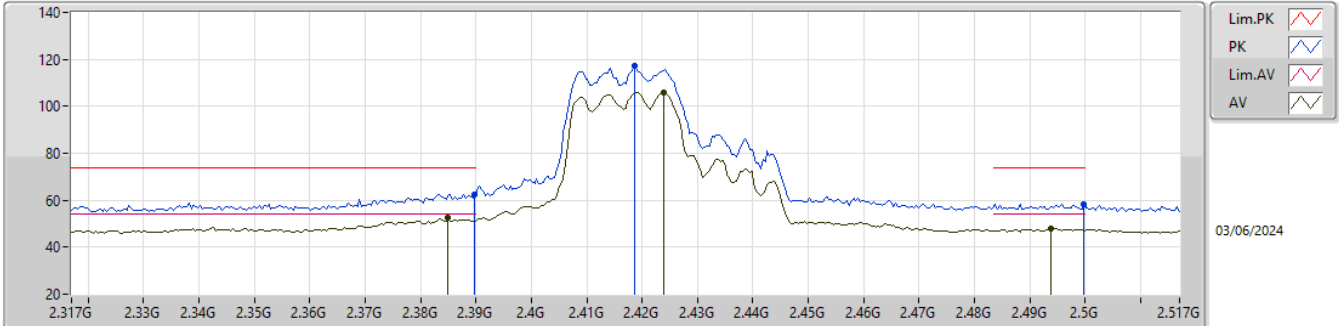


EUT_Y_3TX
Setting 88
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.83248G	47.90	74.00	-26.10	40.31	3	Horizontal	0	2.46	-	33.16	5.10	30.67			
AV	4.81896G	35.87	54.00	-18.13	28.31	3	Horizontal	0	2.46	-	33.14	5.10	30.68			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2417MHz_TX

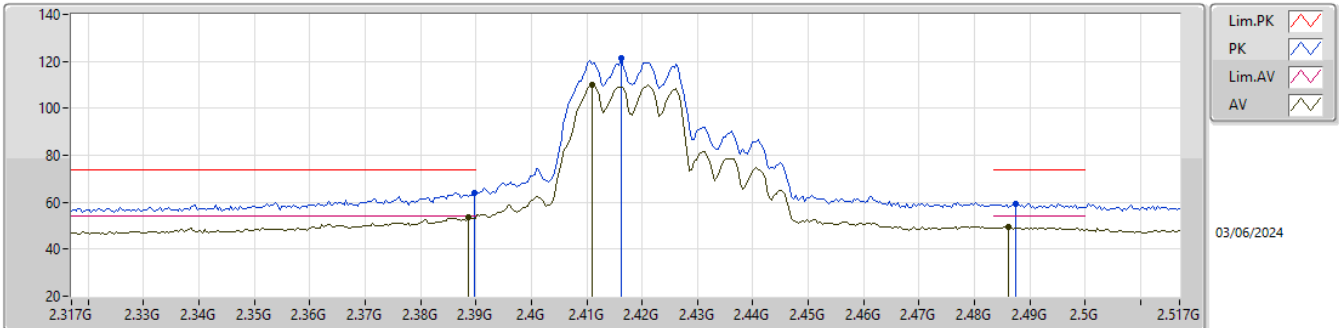


EUT Y_3TX
Setting 93
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	62.58	74.00	-11.42	31.03	3	Vertical	295	1.50	-	28.50	3.05	-			
AV	2.385G	52.36	54.00	-1.64	20.86	3	Vertical	295	1.50	-	28.45	3.05	-			
PK	2.4186G	117.07	Inf	-Inf	85.60	3	Vertical	295	1.50	-	28.40	3.07	-			
AV	2.4238G	106.06	Inf	-Inf	74.55	3	Vertical	295	1.50	-	28.44	3.07	-			
PK	2.4998G	58.37	74.00	-15.63	26.67	3	Vertical	295	1.50	-	28.60	3.10	-			
AV	2.4938G	47.94	54.00	-6.06	16.24	3	Vertical	295	1.50	-	28.60	3.10	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2417MHz_TX

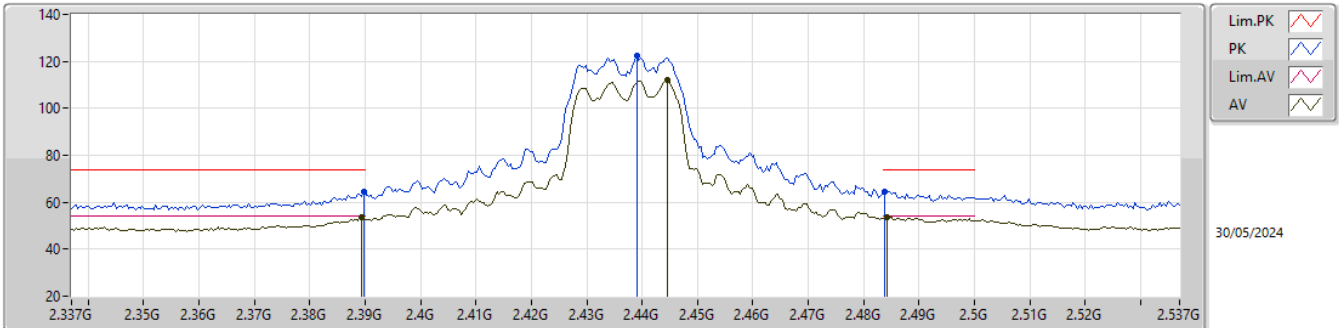


EUT Y_3TX
Setting 93
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	64.20	74.00	-9.80	32.65	3	Horizontal	135	2.33	-	28.50	3.05	-			
AV	2.3886G	53.50	54.00	-0.50	21.96	3	Horizontal	135	2.33	-	28.49	3.05	-			
PK	2.4162G	121.22	Inf	-Inf	89.75	3	Horizontal	135	2.33	-	28.40	3.07	-			
AV	2.411G	109.84	Inf	-Inf	78.38	3	Horizontal	135	2.33	-	28.40	3.06	-			
PK	2.4874G	59.50	74.00	-14.50	27.81	3	Horizontal	135	2.33	-	28.60	3.09	-			
AV	2.4862G	49.31	54.00	-4.69	17.62	3	Horizontal	135	2.33	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2437MHz_TX

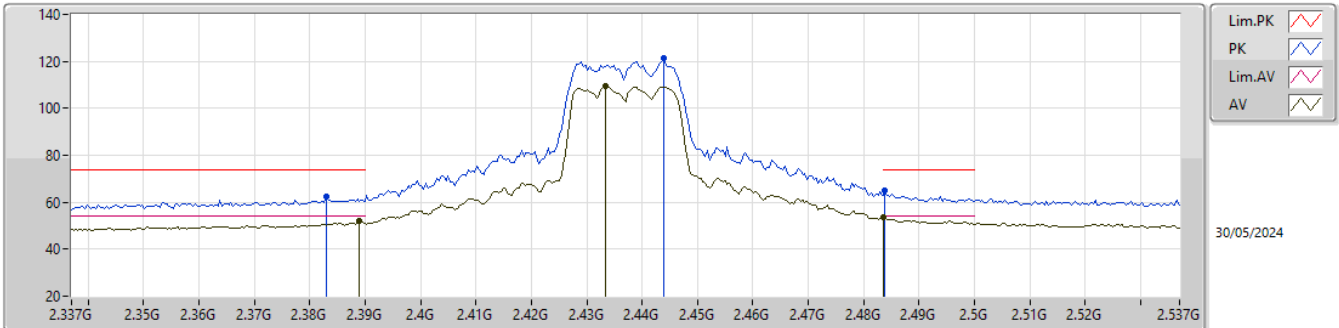


EUT_Y_3TX
Setting 97
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3898G	64.65	74.00	-9.35	33.10	3	Vertical	215	2.69	-	28.50	3.05	-				
AV	2.3894G	53.78	54.00	-0.22	22.24	3	Vertical	215	2.69	-	28.49	3.05	-				
PK	2.439G	122.25	Inf	-Inf	90.67	3	Vertical	215	2.69	-	28.50	3.08	-				
AV	2.4446G	111.93	Inf	-Inf	80.35	3	Vertical	215	2.69	-	28.50	3.08	-				
PK	2.4838G	64.62	74.00	-9.38	32.93	3	Vertical	215	2.69	-	28.60	3.09	-				
AV	2.4842G	53.53	54.00	-0.47	21.84	3	Vertical	215	2.69	-	28.60	3.09	-				

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2437MHz_TX

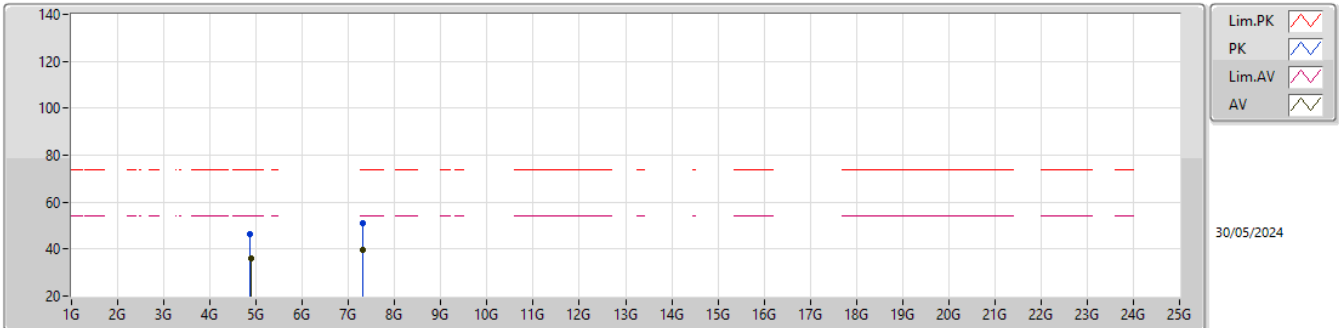


EUT_Y_3TX
Setting 97
02-C-G-5

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	2.383G	62.41	74.00	-11.59	30.93	3	Horizontal	75	1.52	-	28.43	3.05	-			
AV	2.389G	51.83	54.00	-2.17	20.29	3	Horizontal	75	1.52	-	28.49	3.05	-			
PK	2.4438G	121.30	Inf	-Inf	89.72	3	Horizontal	75	1.52	-	28.50	3.08	-			
AV	2.4334G	109.31	Inf	-Inf	77.74	3	Horizontal	75	1.52	-	28.50	3.07	-			
PK	2.4838G	64.87	74.00	-9.13	33.18	3	Horizontal	75	1.52	-	28.60	3.09	-			
AV	2.4835G	53.39	54.00	-0.61	21.70	3	Horizontal	75	1.52	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2437MHz_TX

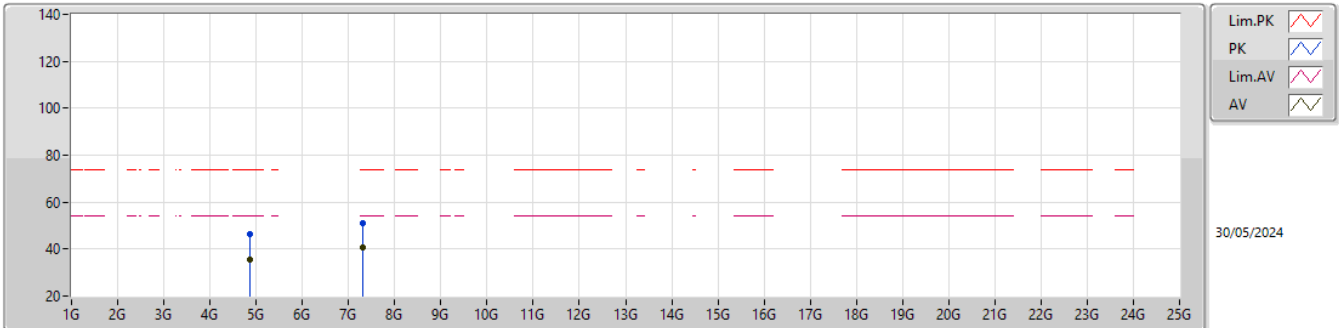


EUT_Y_3TX
Setting 97
02-C-G-5

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	4.8662G	46.27	74.00	-27.73	38.58	3	Vertical	51	1.80	-	33.23	5.11	30.65				
AV	4.882G	35.93	54.00	-18.07	28.20	3	Vertical	51	1.80	-	33.26	5.11	30.64				
PK	7.32044G	51.29	74.00	-22.71	40.41	3	Vertical	333	1.80	-	36.48	6.52	32.12				
AV	7.3136G	39.84	54.00	-14.16	29.00	3	Vertical	333	1.80	-	36.45	6.51	32.12				

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2437MHz_TX

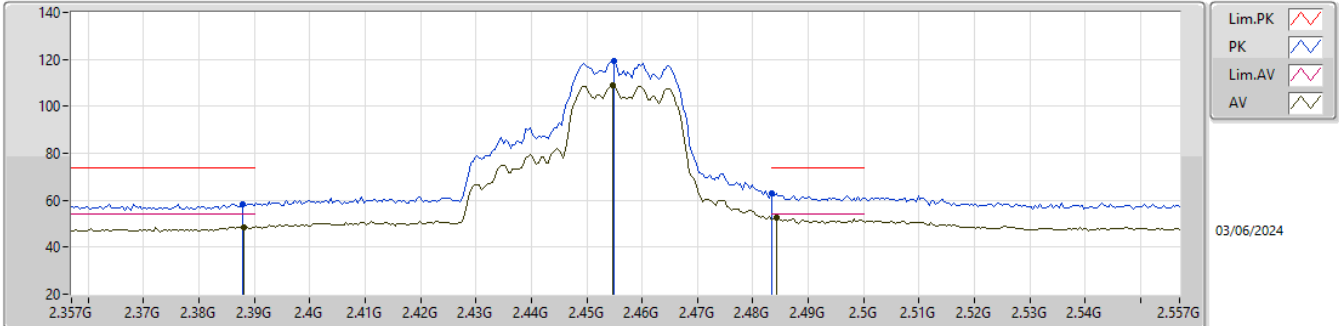


EUT_Y_3TX
Setting 97
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.8704G	46.50	74.00	-27.50	38.80	3	Horizontal	7	2.38	-	33.24	5.11	30.65			
AV	4.86748G	35.62	54.00	-18.38	27.93	3	Horizontal	7	2.38	-	33.23	5.11	30.65			
PK	7.31636G	50.84	74.00	-23.16	39.98	3	Horizontal	319	1.02	-	36.47	6.51	32.12			
AV	7.31184G	40.47	54.00	-13.53	29.62	3	Horizontal	319	1.02	-	36.45	6.51	32.11			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2457MHz_TX

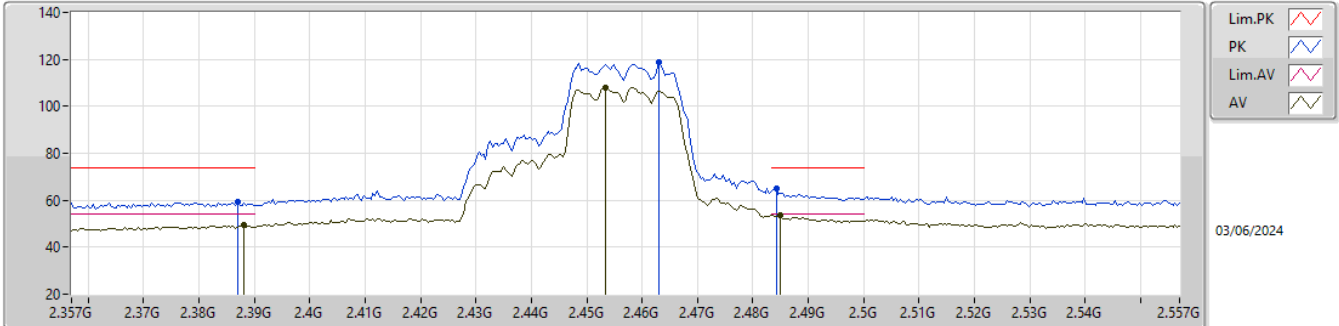


EUT Y_3TX
Setting 92
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3878G	58.44	74.00	-15.56	26.91	3	Vertical	203	2.71	-	28.48	3.05	-			
AV	2.3882G	48.61	54.00	-5.39	17.08	3	Vertical	203	2.71	-	28.48	3.05	-			
PK	2.455G	119.10	Inf	-Inf	87.57	3	Vertical	203	2.71	-	28.45	3.08	-			
AV	2.4546G	109.08	Inf	-Inf	77.55	3	Vertical	203	2.71	-	28.45	3.08	-			
PK	2.4835G	62.80	74.00	-11.20	31.11	3	Vertical	203	2.71	-	28.60	3.09	-			
AV	2.4842G	52.83	54.00	-1.17	21.14	3	Vertical	203	2.71	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2457MHz_TX

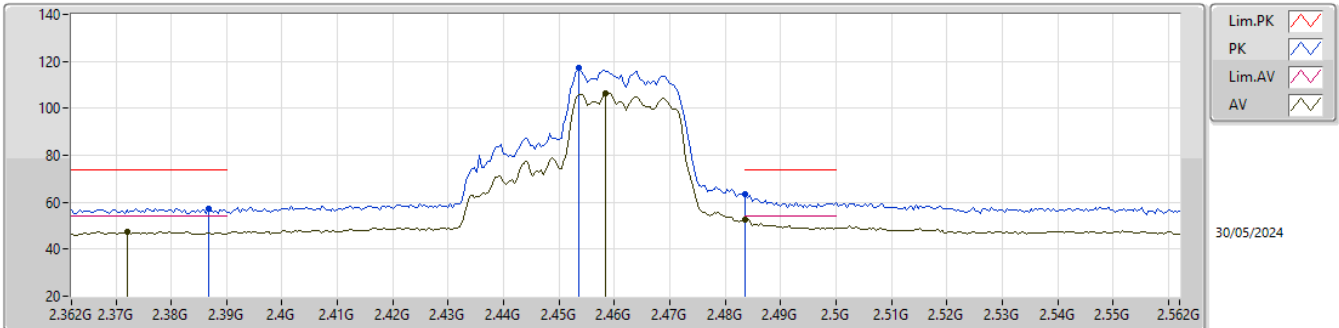


EUT Y_3TX
Setting 92
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.387G	59.21	74.00	-14.79	27.69	3	Horizontal	62	1.74	-	28.47	3.05	-			
AV	2.3882G	49.43	54.00	-4.57	17.90	3	Horizontal	62	1.74	-	28.48	3.05	-			
PK	2.463G	118.78	Inf	-Inf	87.26	3	Horizontal	62	1.74	-	28.43	3.09	-			
AV	2.4534G	107.88	Inf	-Inf	76.33	3	Horizontal	62	1.74	-	28.47	3.08	-			
PK	2.4842G	65.17	74.00	-8.83	33.48	3	Horizontal	62	1.74	-	28.60	3.09	-			
AV	2.485G	53.73	54.00	-0.27	22.04	3	Horizontal	62	1.74	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2462MHz_TX

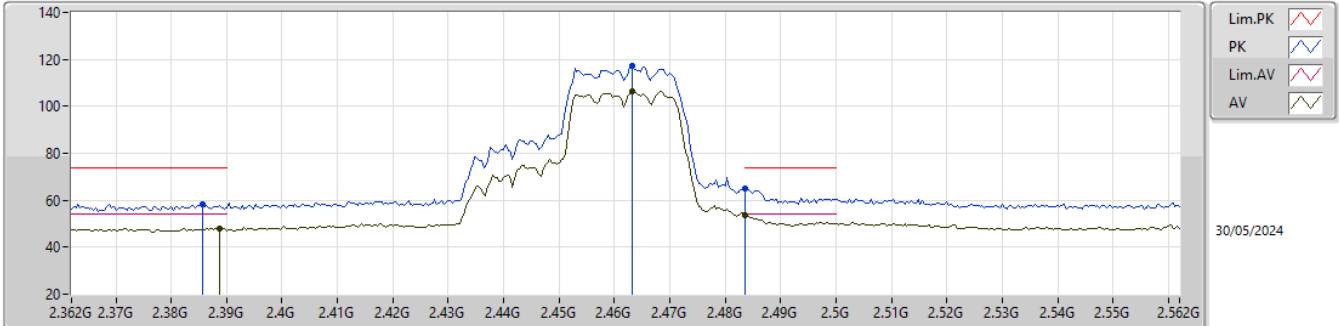


EUT Y_3TX
Setting 85
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3868G	57.40	74.00	-16.60	25.88	3	Vertical	229	2.32	-	28.47	3.05	-			
AV	2.372G	47.58	54.00	-6.42	16.13	3	Vertical	229	2.32	-	28.40	3.05	-			
PK	2.4536G	117.25	Inf	-Inf	85.71	3	Vertical	229	2.32	-	28.46	3.08	-			
AV	2.4584G	106.62	Inf	-Inf	75.12	3	Vertical	229	2.32	-	28.42	3.08	-			
PK	2.4835G	63.59	74.00	-10.41	31.90	3	Vertical	229	2.32	-	28.60	3.09	-			
AV	2.4835G	52.76	54.00	-1.24	21.07	3	Vertical	229	2.32	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2462MHz_TX

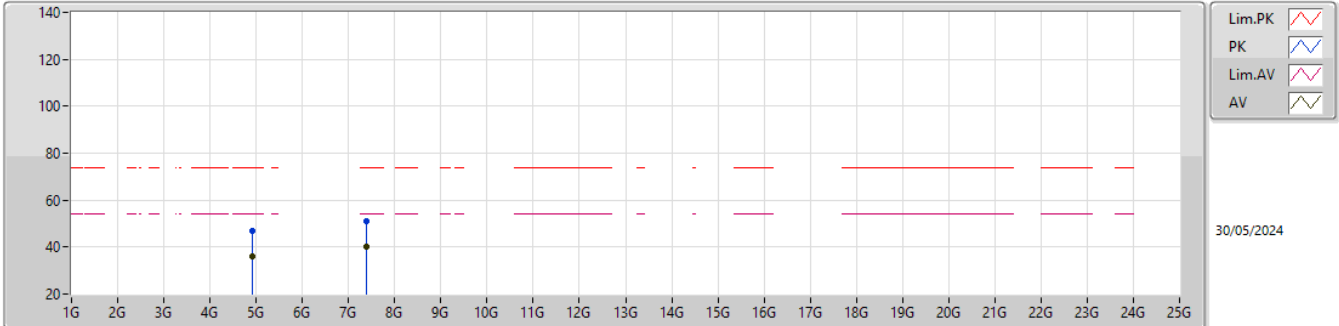


EUT Y_3TX
Setting 85
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3856G	58.29	74.00	-15.71	26.78	3	Horizontal	58	1.59	-	28.46	3.05	-			
AV	2.3888G	48.07	54.00	-5.93	16.53	3	Horizontal	58	1.59	-	28.49	3.05	-			
PK	2.4632G	117.07	Inf	-Inf	85.55	3	Horizontal	58	1.59	-	28.43	3.09	-			
AV	2.4632G	106.57	Inf	-Inf	75.05	3	Horizontal	58	1.59	-	28.43	3.09	-			
PK	2.4835G	65.14	74.00	-8.86	33.45	3	Horizontal	58	1.59	-	28.60	3.09	-			
AV	2.4835G	53.76	54.00	-0.24	22.07	3	Horizontal	58	1.59	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2462MHz_TX

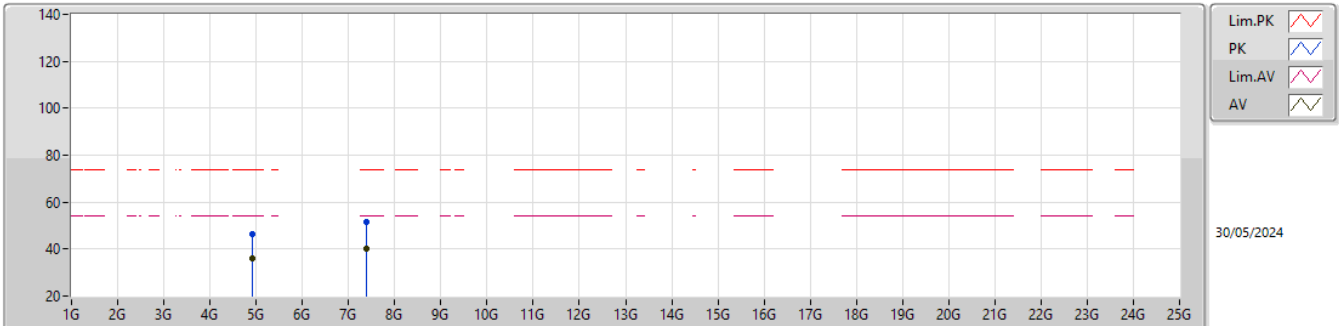


EUT_Y_3TX
Setting 85
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9216G	47.00	74.00	-27.00	39.14	3	Vertical	198	1.68	-	33.34	5.13	30.61			
AV	4.9148G	35.98	54.00	-18.02	28.15	3	Vertical	198	1.68	-	33.33	5.12	30.62			
PK	7.37924G	51.16	74.00	-22.84	40.16	3	Vertical	195	1.43	-	36.60	6.55	32.15			
AV	7.39128G	40.34	54.00	-13.66	29.34	3	Vertical	195	1.43	-	36.60	6.56	32.16			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_3TX

2462MHz_TX

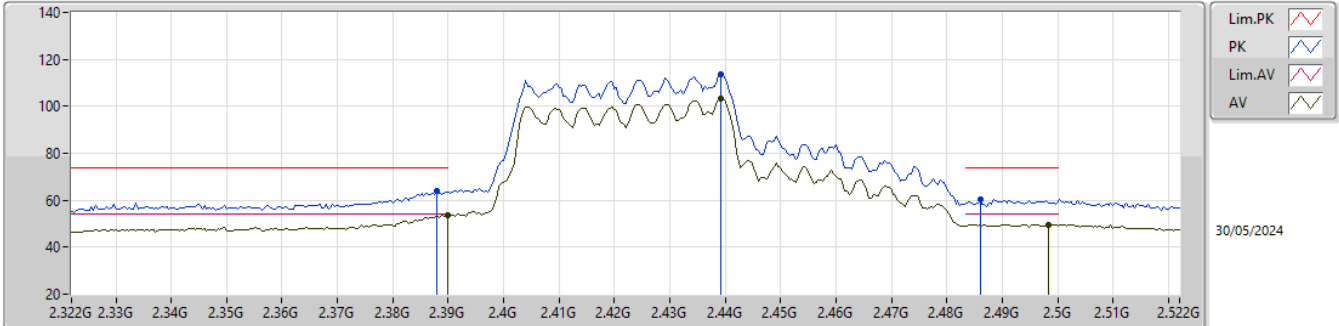


EUT_Y_3TX
Setting 85
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.91948G	46.42	74.00	-27.58	38.56	3	Horizontal	150	1.43	-	33.34	5.13	30.61			
AV	4.91408G	35.91	54.00	-18.09	28.08	3	Horizontal	150	1.43	-	33.33	5.12	30.62			
PK	7.3922G	51.47	74.00	-22.53	40.47	3	Horizontal	2	2.54	-	36.60	6.56	32.16			
AV	7.39108G	40.38	54.00	-13.62	29.38	3	Horizontal	2	2.54	-	36.60	6.56	32.16			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2422MHz_TX

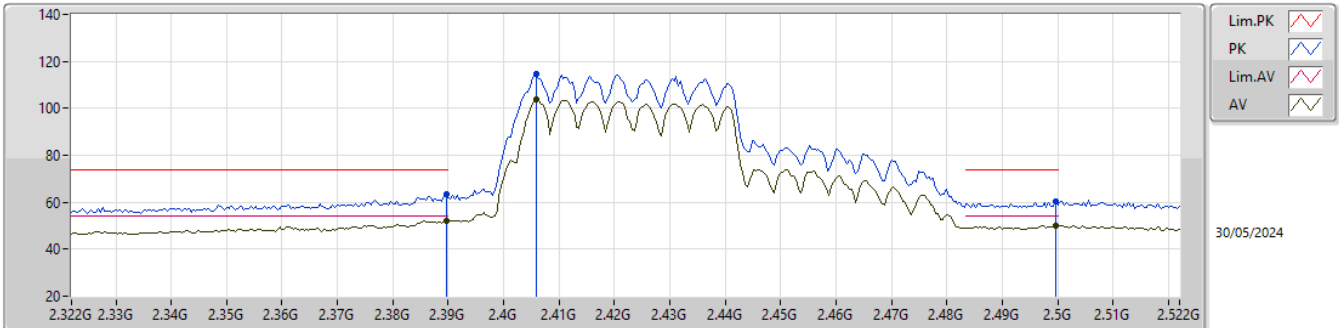


EUT Y_3TX
Setting 80
02-C-G-5

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	2.388G	63.77	74.00	-10.23	32.24	3	Vertical	217	2.72	-	28.48	3.05	-			
AV	2.39G	53.65	54.00	-0.35	22.09	3	Vertical	217	2.72	-	28.50	3.06	-			
PK	2.4392G	113.48	Inf	-Inf	81.90	3	Vertical	217	2.72	-	28.50	3.08	-			
AV	2.4392G	103.45	Inf	-Inf	71.87	3	Vertical	217	2.72	-	28.50	3.08	-			
PK	2.486G	60.49	74.00	-13.51	28.80	3	Vertical	217	2.72	-	28.60	3.09	-			
AV	2.4984G	49.73	54.00	-4.27	18.03	3	Vertical	217	2.72	-	28.60	3.10	-			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2422MHz_TX

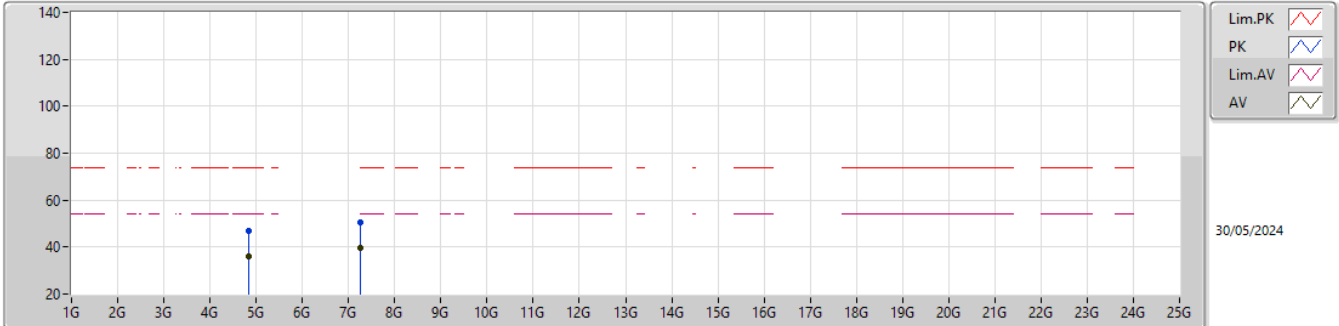


EUT Y_3TX
Setting 80
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3896G	63.58	74.00	-10.42	32.03	3	Horizontal	144	1.74	-	28.50	3.05	-			
AV	2.3896G	52.26	54.00	-1.74	20.71	3	Horizontal	144	1.74	-	28.50	3.05	-			
PK	2.406G	114.57	Inf	-Inf	83.07	3	Horizontal	144	1.74	-	28.44	3.06	-			
AV	2.406G	103.60	Inf	-Inf	72.10	3	Horizontal	144	1.74	-	28.44	3.06	-			
PK	2.4996G	60.16	74.00	-13.84	28.46	3	Horizontal	144	1.74	-	28.60	3.10	-			
AV	2.4996G	49.83	54.00	-4.17	18.13	3	Horizontal	144	1.74	-	28.60	3.10	-			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2422MHz_TX

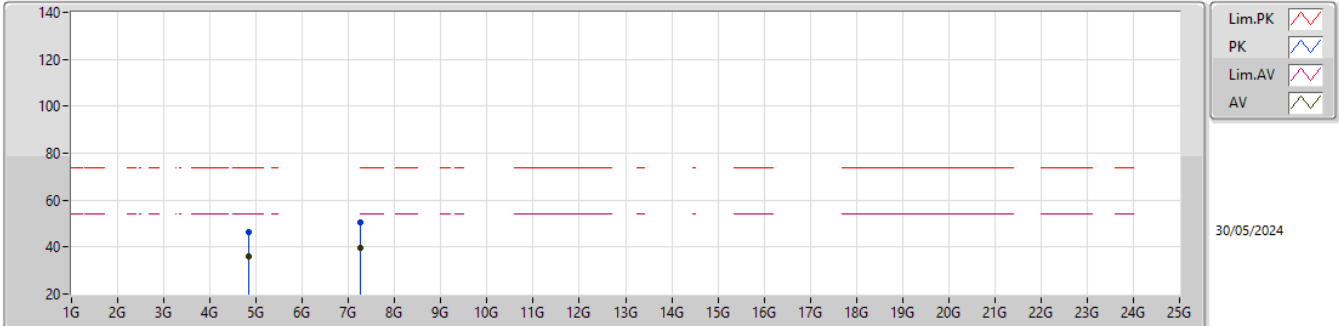


EUT_Y_3TX
Setting 80
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.83644G	47.12	74.00	-26.88	39.52	3	Vertical	239	1.80	-	33.17	5.10	30.67				
AV	4.83444G	35.99	54.00	-18.01	28.39	3	Vertical	239	1.80	-	33.17	5.10	30.67				
PK	7.25848G	50.65	74.00	-23.35	40.02	3	Vertical	274	1.16	-	36.23	6.48	32.08				
AV	7.26576G	39.76	54.00	-14.24	29.10	3	Vertical	274	1.16	-	36.26	6.49	32.09				

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2422MHz_TX

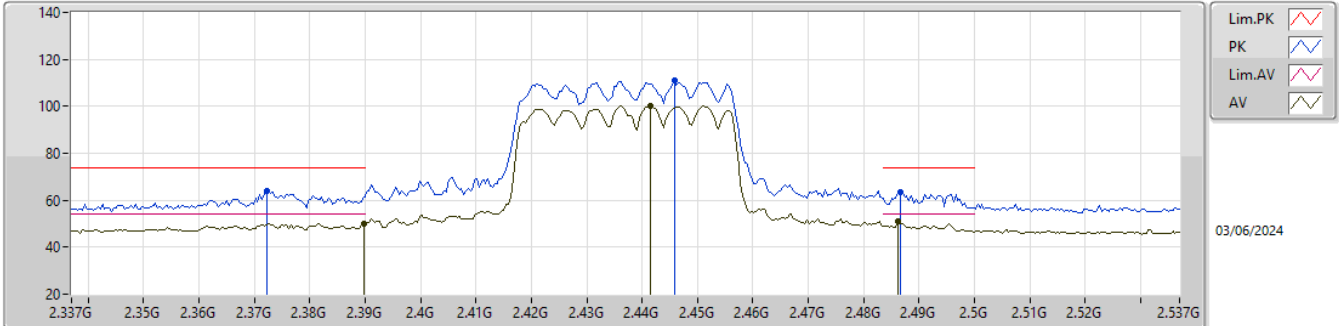


EUT Y_3TX
Setting 80
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.83484G	46.46	74.00	-27.54	38.86	3	Horizontal	318	1.80	-	33.17	5.10	30.67			
AV	4.84336G	36.26	54.00	-17.74	28.63	3	Horizontal	318	1.80	-	33.19	5.10	30.66			
PK	7.25848G	50.47	74.00	-23.53	39.84	3	Horizontal	177	2.62	-	36.23	6.48	32.08			
AV	7.267G	39.60	54.00	-14.40	28.93	3	Horizontal	177	2.62	-	36.27	6.49	32.09			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2437MHz_TX

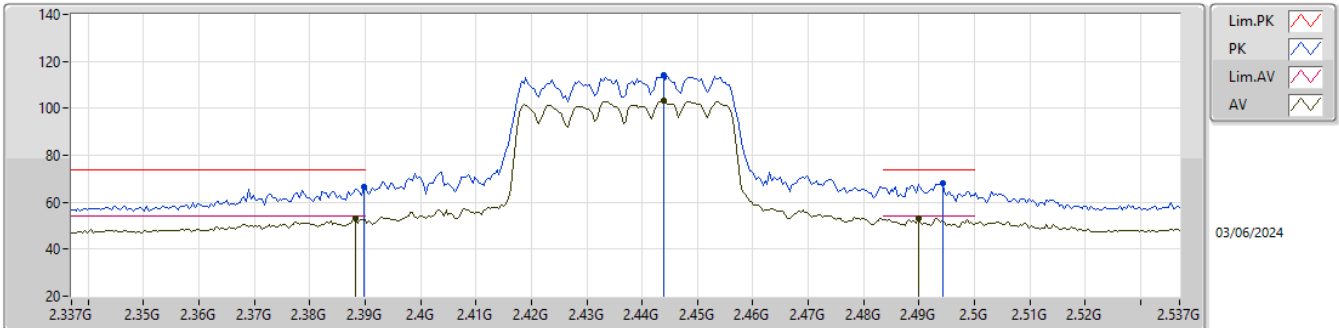


EUT Y_3TX
Setting 81
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3722G	63.88	74.00	-10.12	32.43	3	Vertical	215	2.71	-	28.40	3.05	-			
AV	2.3898G	50.15	54.00	-3.85	18.60	3	Vertical	215	2.71	-	28.50	3.05	-			
PK	2.4458G	111.16	Inf	-Inf	79.58	3	Vertical	215	2.71	-	28.50	3.08	-			
AV	2.4414G	100.05	Inf	-Inf	68.47	3	Vertical	215	2.71	-	28.50	3.08	-			
PK	2.4866G	63.19	74.00	-10.81	31.50	3	Vertical	215	2.71	-	28.60	3.09	-			
AV	2.4862G	51.17	54.00	-2.83	19.48	3	Vertical	215	2.71	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2437MHz_TX

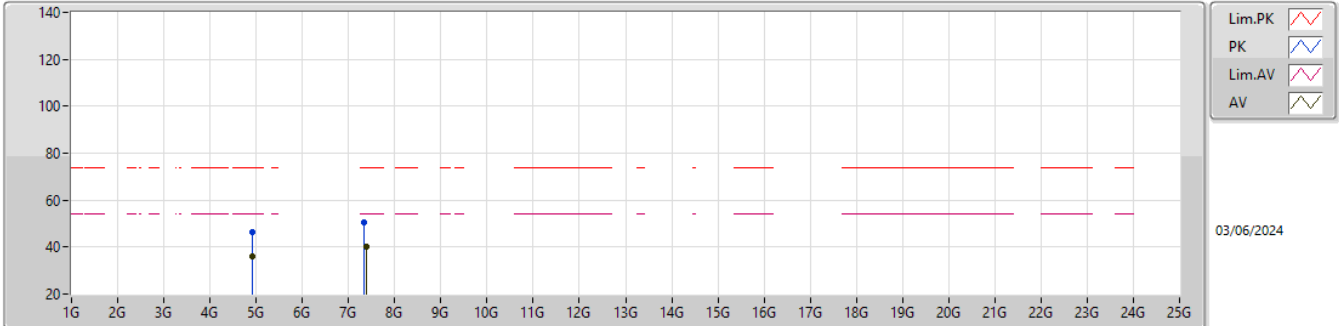


EUT Y_3TX
Setting 81
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3898G	66.36	74.00	-7.64	34.81	3	Horizontal	58	1.85	-	28.50	3.05	-			
AV	2.3882G	53.01	54.00	-0.99	21.48	3	Horizontal	58	1.85	-	28.48	3.05	-			
PK	2.4438G	114.14	Inf	-Inf	82.56	3	Horizontal	58	1.85	-	28.50	3.08	-			
AV	2.4438G	103.05	Inf	-Inf	71.47	3	Horizontal	58	1.85	-	28.50	3.08	-			
PK	2.4942G	68.15	74.00	-5.85	36.45	3	Horizontal	58	1.85	-	28.60	3.10	-			
AV	2.4898G	52.97	54.00	-1.03	21.27	3	Horizontal	58	1.85	-	28.60	3.10	-			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2437MHz_TX

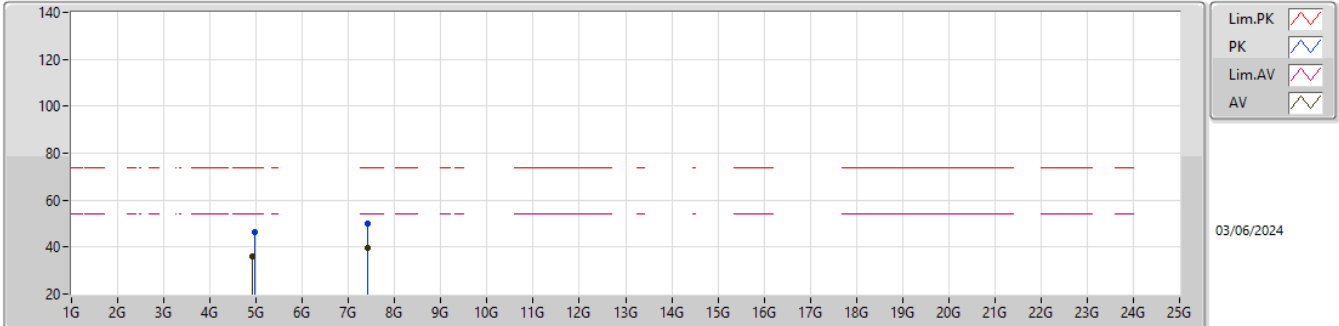


EUT Y_3TX
Setting 81
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9176G	46.47	74.00	-27.53	38.61	3	Vertical	340	2.68	-	33.34	5.13	30.61			
AV	4.926G	36.03	54.00	-17.97	28.16	3	Vertical	340	2.68	-	33.35	5.13	30.61			
PK	7.341G	50.31	74.00	-23.69	39.35	3	Vertical	58	1.80	-	36.56	6.53	32.13			
AV	7.3966G	40.00	54.00	-14.00	29.00	3	Vertical	58	1.80	-	36.60	6.56	32.16			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2437MHz_TX

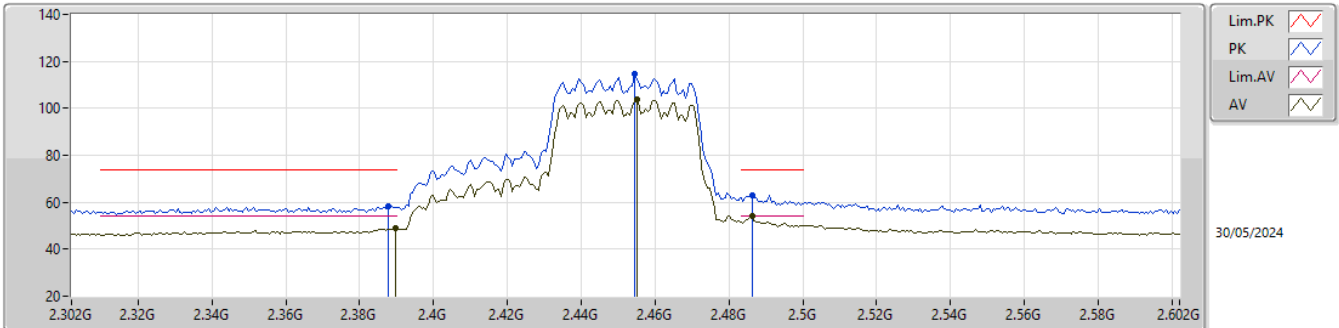


EUT_Y_3TX
Setting 81
02-C-V-1

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9612G	46.61	74.00	-27.39	38.66	3	Horizontal	319	2.94	-	33.40	5.14	30.59			
AV	4.9188G	35.86	54.00	-18.14	28.00	3	Horizontal	319	2.94	-	33.34	5.13	30.61			
PK	7.4062G	50.13	74.00	-23.87	39.14	3	Horizontal	116	1.98	-	36.60	6.56	32.17			
AV	7.4014G	39.50	54.00	-14.50	28.50	3	Horizontal	116	1.98	-	36.60	6.56	32.16			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2452MHz_TX

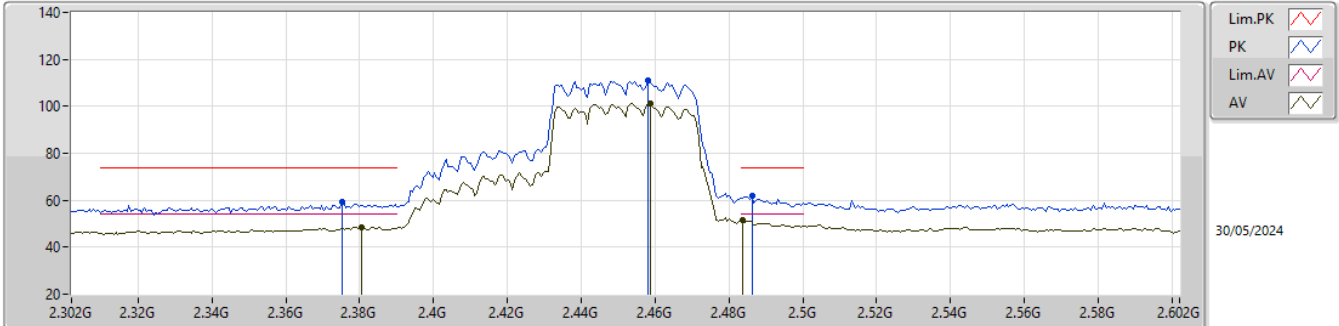


EUT Y_3TX
Setting 76
02-C-G-5

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	58.50	74.00	-15.50	26.97	3	Vertical	187	2.71	-	28.48	3.05	-			
AV	2.3896G	48.72	54.00	-5.28	17.17	3	Vertical	187	2.71	-	28.50	3.05	-			
PK	2.4544G	114.43	Inf	-Inf	82.89	3	Vertical	187	2.71	-	28.46	3.08	-			
AV	2.455G	103.66	Inf	-Inf	72.13	3	Vertical	187	2.71	-	28.45	3.08	-			
PK	2.4862G	63.08	74.00	-10.92	31.39	3	Vertical	187	2.71	-	28.60	3.09	-			
AV	2.4862G	53.97	54.00	-0.03	22.28	3	Vertical	187	2.71	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2452MHz_TX

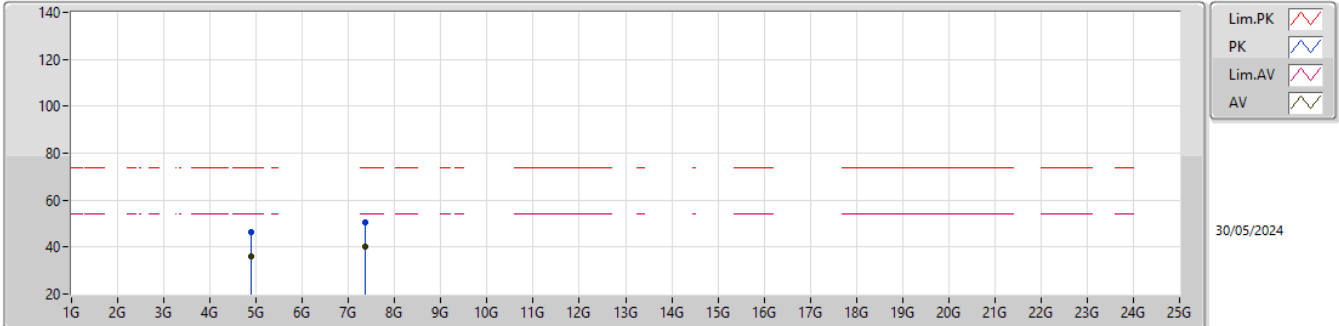


EUT_Y_3TX
Setting 76
02-C-G-5

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	2.3752G	59.25	74.00	-14.75	27.80	3	Horizontal	57	1.85	-	28.40	3.05	-			
AV	2.3806G	48.70	54.00	-5.30	17.24	3	Horizontal	57	1.85	-	28.41	3.05	-			
PK	2.458G	111.02	Inf	-Inf	79.52	3	Horizontal	57	1.85	-	28.42	3.08	-			
AV	2.4586G	101.31	Inf	-Inf	69.82	3	Horizontal	57	1.85	-	28.41	3.08	-			
PK	2.4862G	61.97	74.00	-12.03	30.28	3	Horizontal	57	1.85	-	28.60	3.09	-			
AV	2.4838G	51.47	54.00	-2.53	19.78	3	Horizontal	57	1.85	-	28.60	3.09	-			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2452MHz_TX

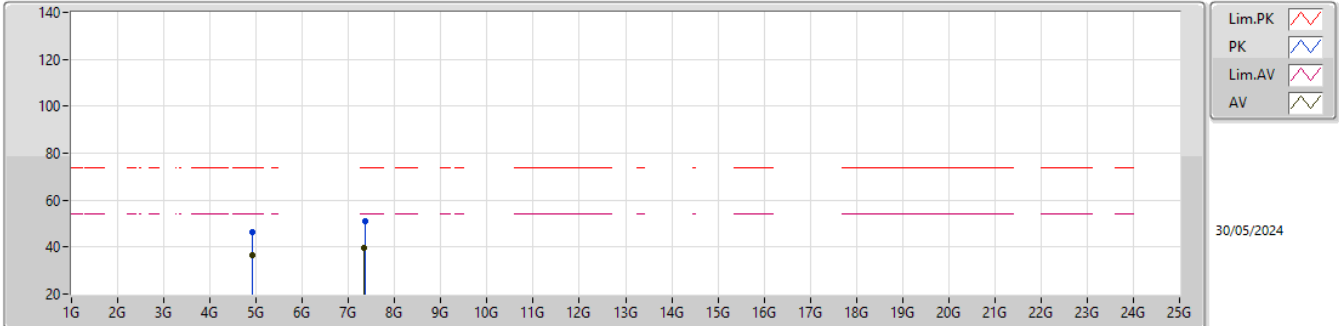


EUT Y_3TX
Setting 76
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9036G	46.54	74.00	-27.46	38.73	3	Vertical	297	1.80	-	33.31	5.12	30.62			
AV	4.89536G	36.25	54.00	-17.75	28.47	3	Vertical	297	1.80	-	33.29	5.12	30.63			
PK	7.3622G	50.71	74.00	-23.29	39.71	3	Vertical	118	2.51	-	36.60	6.54	32.14			
AV	7.3628G	39.92	54.00	-14.08	28.92	3	Vertical	118	2.51	-	36.60	6.54	32.14			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_3TX

2452MHz_TX



EUT Y_3TX
Setting 76
02-C-G-5

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.9102G	46.54	74.00	-27.46	38.72	3	Horizontal	337	1.79	-	33.32	5.12	30.62			
AV	4.9138G	36.48	54.00	-17.52	28.65	3	Horizontal	337	1.79	-	33.33	5.12	30.62			
PK	7.3618G	51.11	74.00	-22.89	40.11	3	Horizontal	18	1.80	-	36.60	6.54	32.14			
AV	7.34672G	39.76	54.00	-14.24	28.77	3	Horizontal	18	1.80	-	36.59	6.53	32.13			