



RADIO TEST REPORT

FCC ID : TVE-241003
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 231Kxxxxxxxxx, FAP-231Kxxxxxxxxx,
FORTIAP-231Kxxxxxxxxx
(Please refer to section 1.1.5 for detail information.)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : 47 CFR FCC Part 15.247

The product was received on Dec. 24, 2024, and testing was started from Jan. 09, 2025 and completed on Mar. 22, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Rex Liao

Sporton International Inc. Hsinchu Laboratory

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



Summary of Test Result

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

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Sam Chen

Report Producer: Wendy Pan



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

Note:

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



1.1.2 Antenna Information

Ant.	Port					Brand	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth / Zigbee	GNSS					
1	2	1	-	-	-	Grand-Tek	1034G00000500	PIFA	MHF I	Note 1
2	1	2	-	-	-	Grand-Tek	1034G00000510	PIFA	MHF I	
3	-	-	1	-	-	Grand-Tek	1033G00000220	PIFA	MHF I	
4	-	-	2	-	-	Grand-Tek	103CG00000560	Alford Loop	MHF I	
5	-	-	-	1	-	Grand-Tek	1039G00000050	PIFA	MHF I	
6	-	-	-	-	1	Grand-Tek	1031G00000330	PATCH	MHF I	

Note 1:

Ant.	Antenna Gain (dBi)												
	WLAN 2.4GHz			WLAN 5GHz					WLAN 6GHz				
	2400 MHz	2450 MHz	2500 MHz	5150 MHz	5350 MHz	5500 MHz	5650 MHz	5850 MHz	5925 MHz	6350 MHz	6550 MHz	6950 MHz	7125 MHz
1	4.7	5	5	5	5.1	5.1	5.1	5.8	-	-	-	-	-
2	4.2	4.2	4.4	5.9	6.1	6.1	5.7	6	-	-	-	-	-
3	-	-	-	-	-	-	-	-	5.3	5.1	5.2	4.9	5.2
4	-	-	-	-	-	-	-	-	6	6	6.1	5.6	5.6

Ant.	Bluetooth /Zigbee			GNSS	
	2400 MHz	2450 MHz	2500 MHz	1575 MHz	1602 MHz
5	3.8	3.4	3.8	-	-
6	-	-	-	4.5	3.6

Note2: The above information was declared by manufacturer.

For 2.4GHz function**For IEEE 802.11 b/g/n/VHT/ax/be (2TX/2RX):**

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

Port 1~2 could transmit/receive simultaneously.

For 5GHz function:**For IEEE 802.11 a/n/ac/ax/be (2TX/2RX):**

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

Port 1~2 could transmit/receive simultaneously.

For 6GHz function:**For IEEE 802.11 ax/be (2TX/2RX):**

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

Port 1~2 could transmit/receive simultaneously.

For Bluetooth/Zigbee function (1TX/1RX):

Only Port 1 can be used as transmitting antenna.

Note3: Directional gain information

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

Ex.

Directional Gain (NSS1) formula :

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

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

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

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

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

Where ;

For nonTXBF power :

2.4G G1= 5 dBi ;G2= 4.4 dBi ;DG= 5 dBi

5G UNII-1 G1= 5 dBi ;G2= 5.9 dBi ;DG= 5.9 dBi

5G UNII-2A G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 6.1 dBi

5G UNII-2C G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 6.1 dBi

5G UNII-3 G1= 5.8 dBi ;G2= 6 dBi ;DG= 6 dBi

5G UNII-4 G1= 5.8 dBi ;G2= 6 dBi ;DG= 6 dBi

For nonTXBF PSD / TXBF power :

2.4G G1= 5 dBi ;G2= 4.4 dBi ;DG= 7.72 dBi

5G UNII-1 G1= 5 dBi ;G2= 5.9 dBi ;DG= 8.47 dBi

5G UNII-2A G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 8.62 dBi

5G UNII-2C G1= 5.1 dBi ;G2= 6.1 dBi ;DG= 8.62 dBi

5G UNII-3 G1= 5.8 dBi ;G2= 6 dBi ;DG= 8.91 dBi

5G UNII-4 G1= 5.8 dBi ;G2= 6 dBi ;DG= 8.91 dBi

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss 1,(1D)	0.981	0.08	666.625u	10
802.11g_Nss 1,(6D)	0.988	0.05	1.977m	10
802.11be EHT20_Nss 1,(M0)	0.997	0.01	5.429m	10
802.11be EHT40_Nss 1,(M0)	0.982	0.08	5.452m	10
802.11be EHT20-BF_Nss 1,(M0)	0.997	0.01	5.429m	10
802.11be EHT40-BF_Nss 1,(M0)	0.982	0.08	5.452m	10

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From AC Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax/be in 2.4GHz, n/ac/ax/be in 5GHz and ax/be in 6GHz.			
Function	☒	Point-to-multipoint	☐	Point-to-point
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QSPR_x86.exe			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

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

Model Name	Description
FortiAP 231Kxxxxxxxxx	All three model names are the same, no difference. The purpose for these three model names is for marketing sales.
FAP-231Kxxxxxxxxx	
FORTIAP-231Kxxxxxxxxx	
(Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)	

Note 1: From the above models, model: FAP-231K was selected as representative model for the test and its data was recorded in this report.

Note 2: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted	TH01-CB	Brian Sun	21.7~22.9 / 58~61	Jan. 10, 2025~ Feb. 12, 2025
Radiated below 1GHz	03CH03-CB	Gordon Hung	22.2-22.6 / 59-61	Jan. 10, 2025~ Mar. 22, 2025
Radiated above 1GHz	03CH02-CB	Gordon Hung	22-23 / 61-63	Jan. 10, 2025~ Mar. 22, 2025
Radiated Co-Location	03CH03-CB	Gordon Hung	22.2-22.6 / 59-61	Jan. 10, 2025~ Mar. 22, 2025
AC Conduction	CO01-CB	Tim Chen	22~23 / 56~57	Jan. 09, 2025



1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11b_Nss1,(1Mbps)_2TX
2412MHz
2437MHz
2462MHz
802.11g_Nss1,(6Mbps)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT20_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT40_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2452MHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
2412MHz
2417MHz
2437MHz
2457MHz
2462MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
2422MHz
2437MHz
2452MHz

Note:

- ♦ The EUT supports non-beamforming and beamforming modes, after evaluating, the non-beamforming mode has been selected to execute all tests. The beamforming mode evaluates the output power only.
- ♦ Evaluated EHT20/EHT40 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/HEW20/HEW40 mode are the same or lower than EHT20/EHT40.

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 Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Bluetooth + Adapter
2	EUT Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Zigbee + Adapter
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT Normal Link + WLAN 2.4GHz, 5GHz, 6GHz + GPS + Zigbee + PoE
For operating mode 3 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emissions in Restricted Frequency Bands
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis + WLAN 2.4GHz + Adapter
2	EUT in Y axis + WLAN 5GHz + Adapter
3	EUT in Y axis + WLAN 6GHz + Adapter
4	EUT in Y axis + Bluetooth + Adapter
5	EUT in Y axis + Zigbee + Adapter
Mode 1 has been evaluated to be the worst case among Mode 1~5, thus measurement for Mode 6 will follow this same test mode.	
6	EUT in Y axis + WLAN 2.4GHz + PoE
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	After evaluating, the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	WLAN 2.4GHz+WLAN 5GHz
Refer to Appendix G for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz+Bluetooth
2	WLAN 2.4GHz+WLAN 5GHz+WLAN 6GHz+Zigbee
Refer to Sporton Test Report No.: FA4D2406 for Co-location RF Exposure Evaluation.	

Note1: The PoE and Adapter are for measurement only, would not be marketed. PoE and Adapter information as below:

Power	Brand	Model
PoE	Microsemi	PD-9501-10GC/AC
Adapter	APD	WA-48A12R

Note2: The end user can't use the console port.

2.3 EUT Operation during Test

For CTX Mode:

The EUT was programmed to be in continuously transmitting mode.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Wall Bracket*1



2.5 Support Equipment

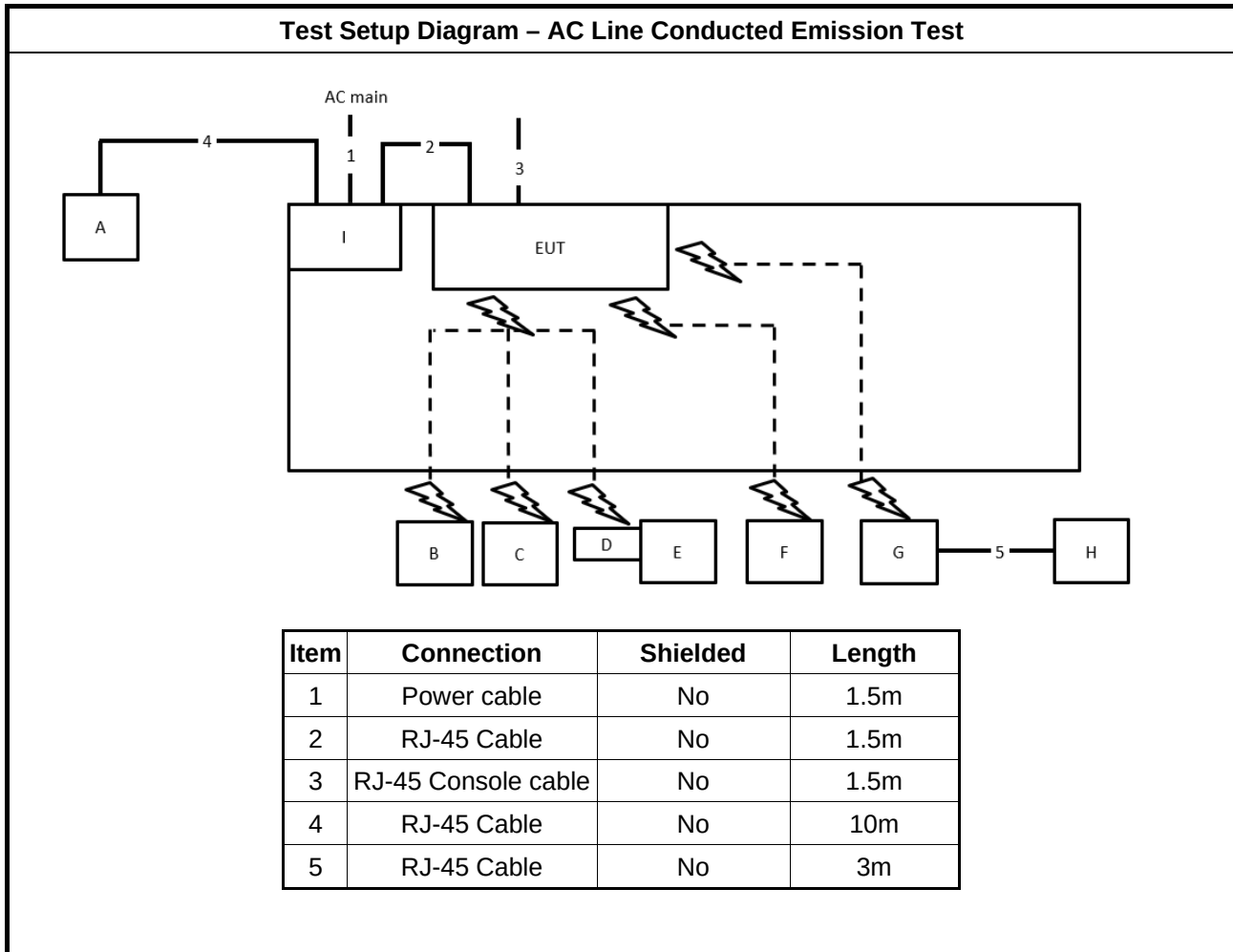
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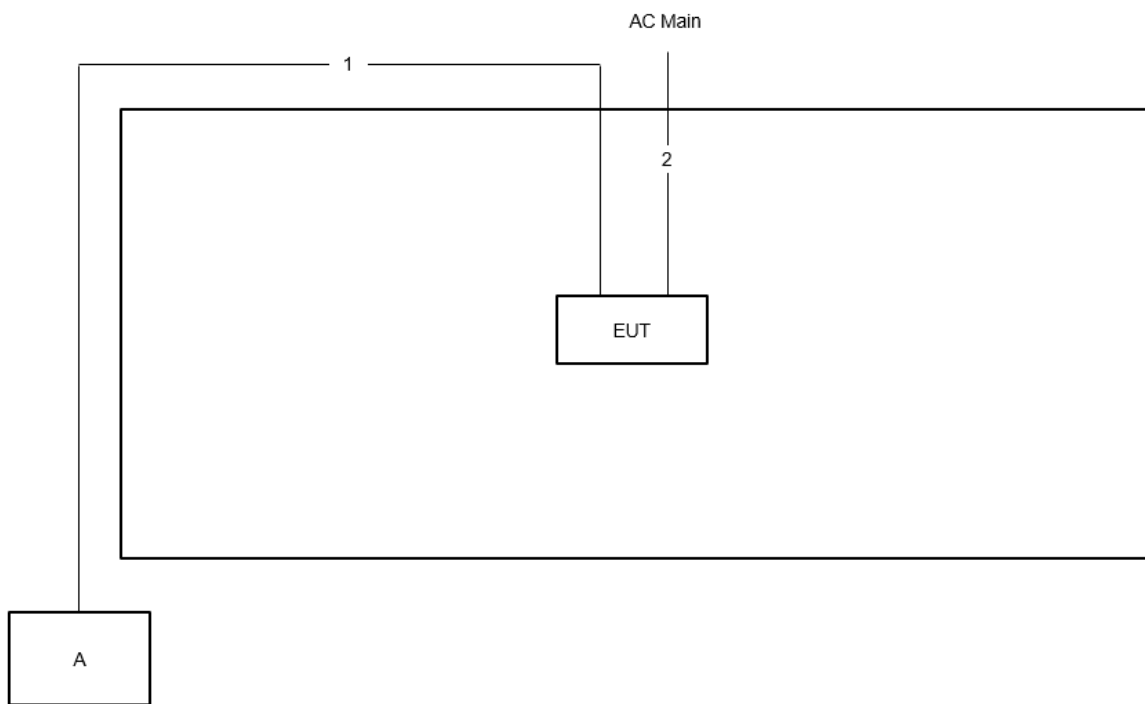
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	LAN PC	ASUS	S300TA	TX2-RTL8821CE
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6220	N/A
D	6G module	MTK	MT7927	N/A
E	6G NB	DELL	E6400	N/A
F	GPS Simulator	WELNAVIGATE	GS-100	N/A
G	Zigbee Device	FORTINET	FAP-231K	TVE-241003
H	Zigbee Device PC	ASUS	S300TA	TX2-RTL8821CE
I	PoE	Microsemi	PD-9501-10GC/AC	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	AC Adapter	APD	WA-48A12R	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test


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



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

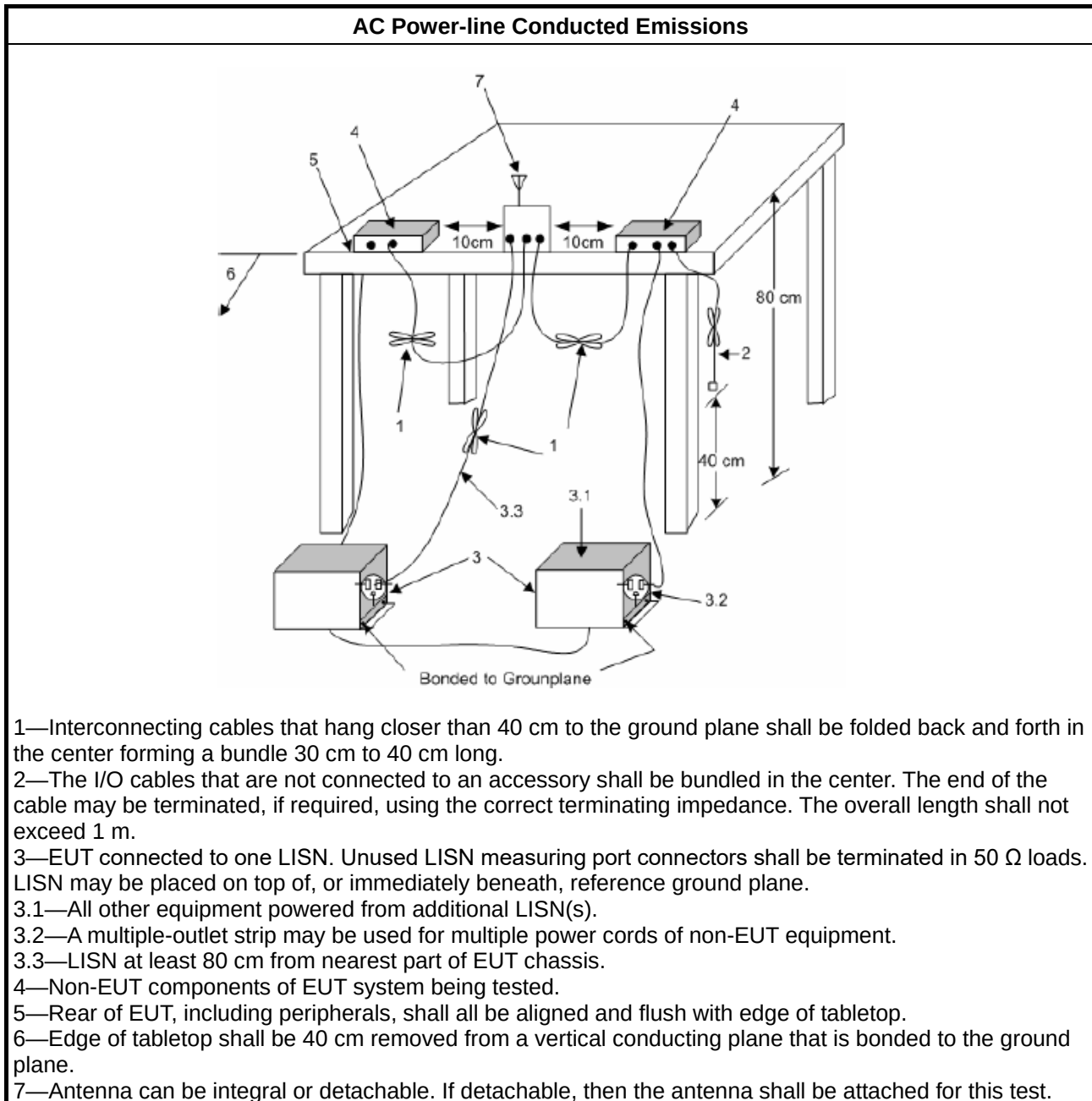
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 DTS Bandwidth

3.2.1 6dB Bandwidth Limit

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

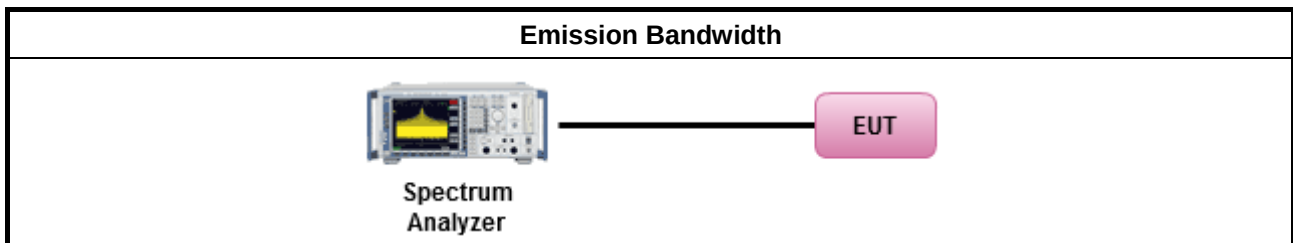
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

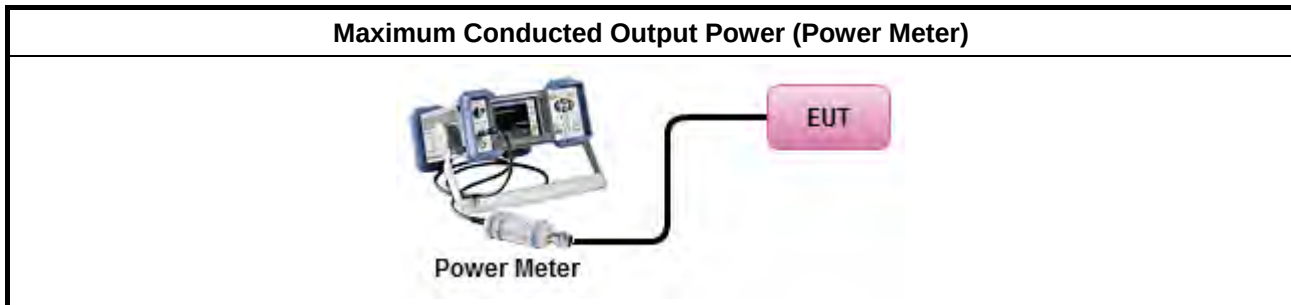
Refer a test equipment and calibration data table in this test report.



3.3.3 Test Procedures

Test Method	
▪ Maximum Peak Conducted Output Power	
☐	Refer as FCC KDB 558074, clause 8.3.1.1 & C63.10 clause 11.9.1.1 (RBW ≥ EBW method).
☒	Refer as FCC KDB 558074, clause 8.3.1.3 & C63.10 clause 11.9.1.3 (peak power meter).
▪ Maximum Conducted Output Power	
[duty cycle ≥ 98% or external video / power trigger]	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.2 Method AVGSA-1.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.3 Method AVGSA-1A. (alternative)
duty cycle < 98% and average over on/off periods with duty factor	
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.4 Method AVGSA-2.
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.5 Method AVGSA-2A (alternative)
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.6 Method AVGSA-3
☐	Refer as FCC KDB 558074, clause 8.3.2.2 & C63.10 clause 11.9.2.2.7 Method AVGSA-3A (alternative)
Measurement using a power meter (PM)	
☐	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.1 Method AVGPM (using an RF average power meter).
☒	Refer as FCC KDB 558074, clause 8.3.2.3 & C63.10 clause 11.9.2.3.2 Method AVGPM-G (using an gate RF average power meter).
▪ For conducted measurement.	
▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.	
▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Power Spectral Density Limit

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

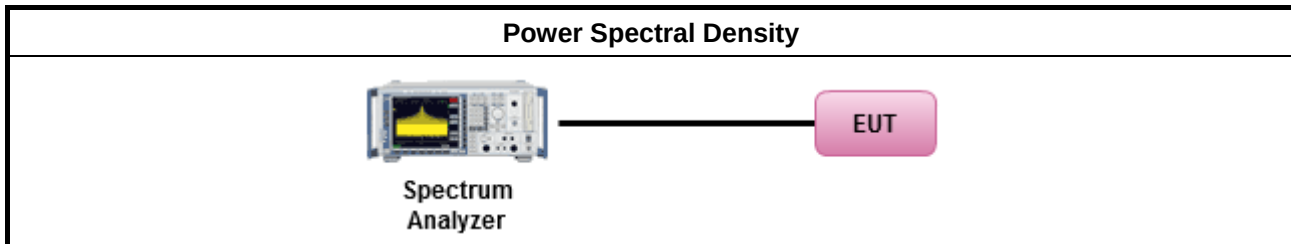
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D

3.5 Emissions in Non-restricted Frequency Bands

3.5.1 Emissions in Non-restricted Frequency Bands Limit

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

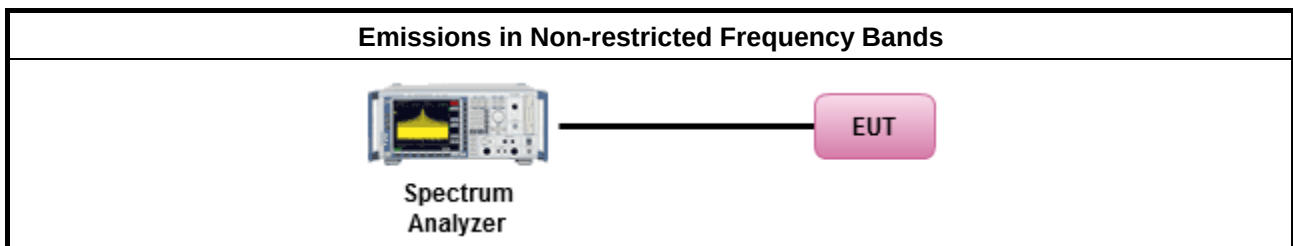
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix E



3.6 Emissions in Restricted Frequency Bands

3.6.1 Emissions in Restricted Frequency Bands Limit

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

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

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

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

3.6.2 Measuring Instruments

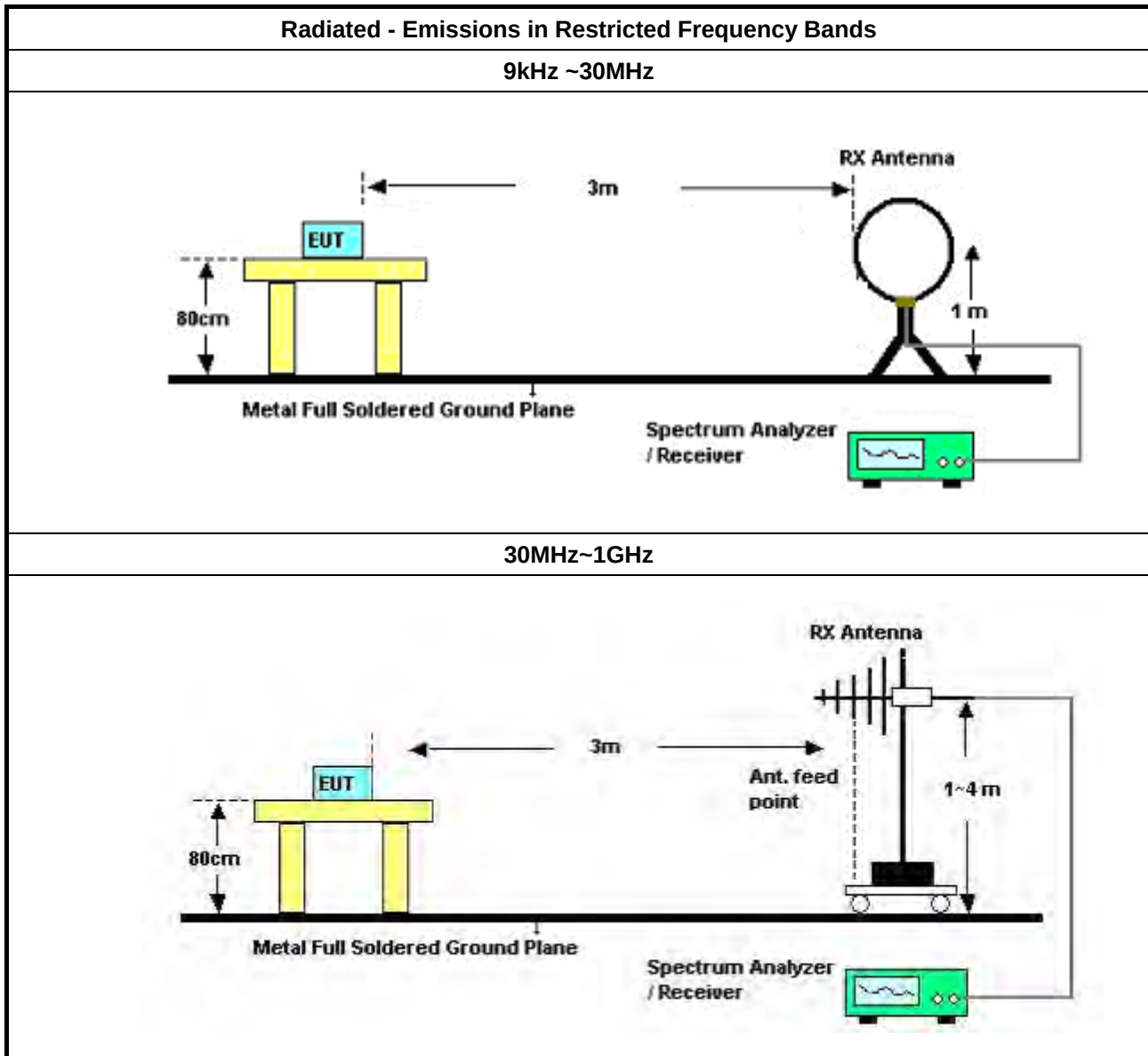
Refer a test equipment and calibration data table in this test report.

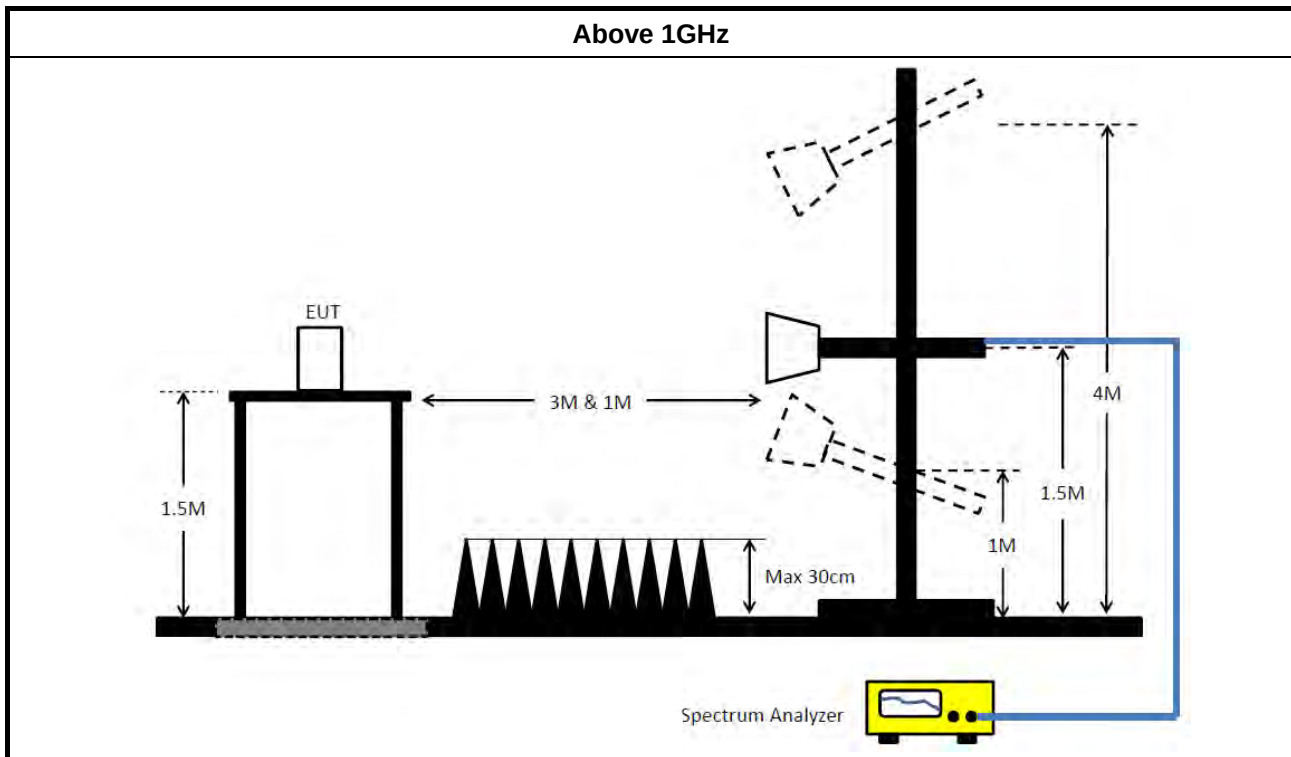


3.6.3 Test Procedures

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

3.6.4 Test Setup





3.6.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.6.6 Emissions in Restricted Frequency Bands (Below 30MHz)

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

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

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 01, 2024	Feb. 28, 2025	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 19, 2024	Feb. 18, 2025	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 24, 2024	Apr. 23, 2025	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	Oct. 16, 2024	Oct. 15, 2025	Conduction (CO01-CB)
Test Software	SPORTON	SENSE-EMI	V5.11	150kHz-30MHz	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30MHz	Oct. 16, 2024	Oct. 15, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH03-CB	30 MHz ~ 1 GHz	Jan. 17, 2025	Jan. 16, 2026	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N0605	30MHz ~ 1GHz	Jan. 18, 2024	Jan. 17, 2025	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	Schaffner & EMCI	CBL6112B& N-6-06	2888&AT-N0605	30MHz ~ 1GHz	Jan. 17, 2025	Jan. 16, 2026	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1370	1GHz~18GHz	Jul. 11, 2024	Jul. 10, 2025	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH03-CB)
Amplifier	SGH	SGH301	20240606-1	30MHz ~ 1GHz	Jun. 04, 2024	Jun. 03, 2025	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH03-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 11, 2024	Jun. 10, 2025	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESR7	102172	9kHz ~ 7GHz	Oct. 21, 2024	Oct. 20, 2025	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+29	30MHz ~ 1GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH03-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE-EMI	V5.11.8	30MHz-40GHz	N.C.R.	N.C.R.	Radiation (03CH03-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 24, 2024	Mar. 23, 2025	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 12, 2024	Apr. 11, 2025	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 23, 2024	Sep. 22, 2025	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jun. 29, 2024	Jun. 28, 2025	Radiation (03CH02-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 25, 2024	Nov. 24, 2025	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV3044	101536	10kHz ~ 44GHz	Aug. 14, 2024	Aug. 13, 2025	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Jun. 20, 2024	Jun. 19, 2025	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Oct. 01, 2024	Sep. 30, 2025	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.23	2.4GHz-2.4835G Hz	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	1~18 GHz	Oct. 02, 2024	Oct. 01, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 18 GHz	Oct. 01, 2024	Sep. 30, 2025	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Mar. 01, 2024	Feb. 28, 2025	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	MY45100745	50MHz~18GHz	Jul. 12, 2024	Jul. 11, 2025	Conducted (TH01-CB)
Test Software	SPORTON	SENSE-15247_DTS	V5.11.23	2.4GHz-2.4835G Hz	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

N.C.R. means Non-Calibration required.



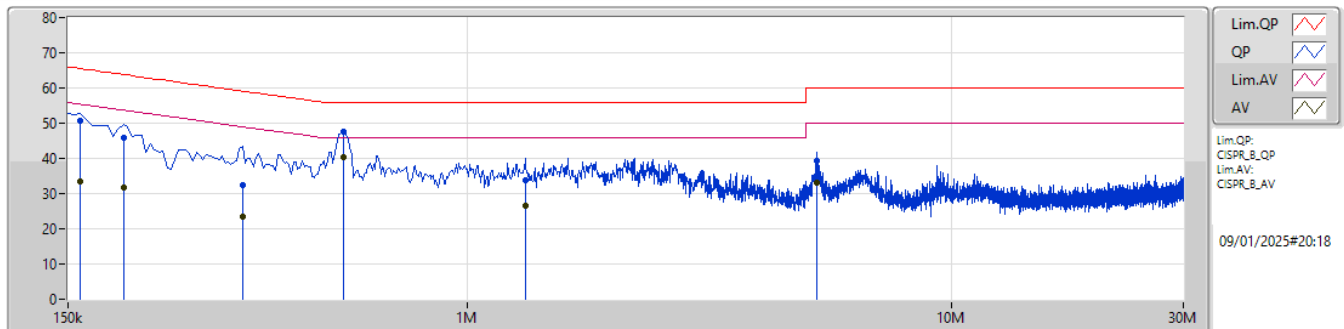
Conducted Emissions at Powerline

Appendix A

Summary

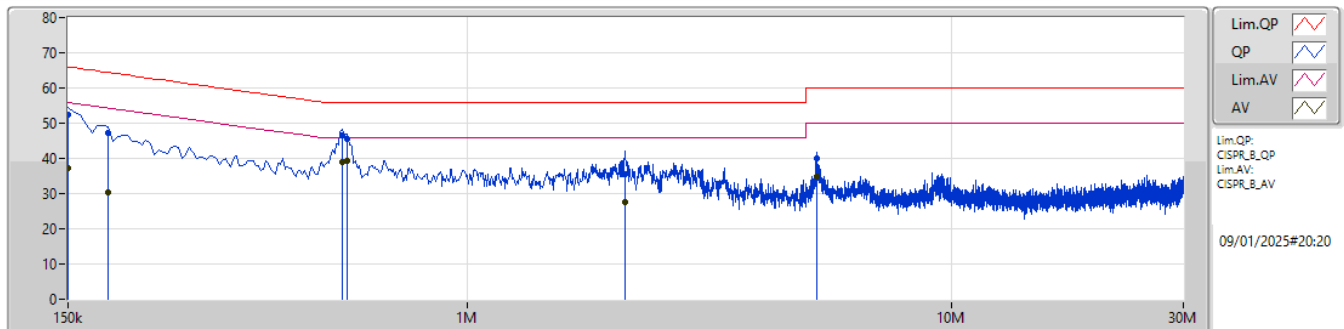
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	555k	40.39	46.00	-5.61	Line

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	159k	50.58	65.52	-14.94	10.04	Line	-	40.54	0.04	0.08	9.92						
AV	159k	33.39	55.52	-22.13	10.04	Line	-	23.35	0.04	0.08	9.92						
QP	195k	45.83	63.82	-17.99	10.06	Line	-	35.77	0.04	0.07	9.95						
AV	195k	31.59	53.82	-22.23	10.06	Line	-	21.53	0.04	0.07	9.95						
QP	343.5k	32.57	59.12	-26.55	10.18	Line	-	22.39	0.05	0.09	10.04						
AV	343.5k	23.53	49.12	-25.59	10.18	Line	-	13.35	0.05	0.09	10.04						
QP	555k	47.47	56.00	-8.53	10.26	Line	-	37.21	0.06	0.10	10.10						
AV	555k	40.39	46.00	-5.61	10.26	Line	"Worst"	30.13	0.06	0.10	10.10						
QP	1.316M	33.91	56.00	-22.09	10.27	Line	-	23.64	0.08	0.11	10.08						
AV	1.316M	26.64	46.00	-19.36	10.27	Line	-	16.37	0.08	0.11	10.08						
QP	5.271M	39.21	60.00	-20.79	10.19	Line	-	29.02	0.16	0.15	9.88						
AV	5.271M	33.04	50.00	-16.96	10.19	Line	-	22.85	0.16	0.15	9.88						

Mode 3



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	150k	52.40	66.00	-13.60	10.05	Neutral	-	42.35	0.06	0.08	9.91						
AV	150k	37.24	56.00	-18.76	10.05	Neutral	-	27.19	0.06	0.08	9.91						
QP	181.5k	47.25	64.41	-17.16	10.07	Neutral	-	37.18	0.06	0.07	9.94						
AV	181.5k	30.42	54.41	-23.99	10.07	Neutral	-	20.35	0.06	0.07	9.94						
QP	550.5k	46.53	56.00	-9.47	10.26	Neutral	-	36.27	0.07	0.10	10.09						
AV	550.5k	39.10	46.00	-6.90	10.26	Neutral	-	28.84	0.07	0.10	10.09						
QP	564k	45.56	56.00	-10.44	10.27	Neutral	-	35.29	0.07	0.10	10.10						
AV	564k	39.35	46.00	-6.65	10.27	Neutral	"Worst"	29.08	0.07	0.10	10.10						
QP	2.117M	35.57	56.00	-20.43	10.19	Neutral	-	25.38	0.10	0.14	9.95						
AV	2.117M	27.56	46.00	-18.44	10.19	Neutral	-	17.37	0.10	0.14	9.95						
QP	5.267M	40.15	60.00	-19.85	10.19	Neutral	-	29.96	0.16	0.15	9.88						
AV	5.267M	34.99	50.00	-15.01	10.19	Neutral	-	24.80	0.16	0.15	9.88						

Summary

Mode	Max-N dB	Max-OBW	ITU-Code	Min-N dB	Min-OBW
	(Hz)	(Hz)		(Hz)	(Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	7.8M	13.283M	13M3G1D	6.375M	12.924M
802.11g_Nss1,(6Mbps)_2TX	16.1M	16.646M	16M6D1D	7.1M	16.514M
802.11be EHT20_Nss1,(MCS0)_2TX	18.625M	19.015M	19M0D1D	9.15M	18.816M
802.11be EHT40_Nss1,(MCS0)_2TX	37.75M	37.781M	37M8D1D	19.25M	37.431M

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

Result

Mode	Result	Limit	Port 1-N dB	Port 1-OBW	Port 2-N dB	Port 2-OBW
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.3M	13.028M	7.025M	13.283M
2437MHz	Pass	500k	7.575M	12.924M	6.375M	13.223M
2462MHz	Pass	500k	7.8M	13.073M	6.9M	13.163M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.025M	16.58M	7.1M	16.602M
2437MHz	Pass	500k	15.675M	16.646M	16.1M	16.602M
2462MHz	Pass	500k	14.65M	16.514M	15.7M	16.536M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	10.725M	18.916M	12.275M	18.816M
2437MHz	Pass	500k	18.45M	19.015M	17.675M	18.891M
2462MHz	Pass	500k	9.15M	18.816M	18.625M	18.891M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	34.15M	37.781M	35.15M	37.431M
2437MHz	Pass	500k	19.25M	37.631M	37.75M	37.581M
2452MHz	Pass	500k	32.8M	37.581M	22.35M	37.781M

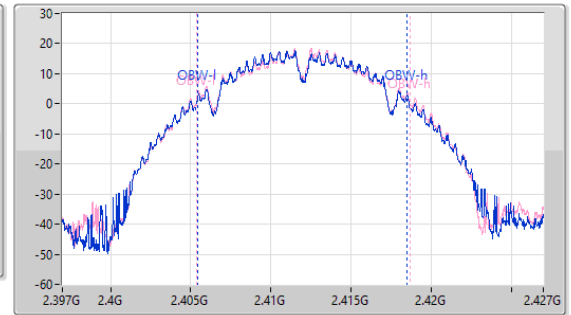
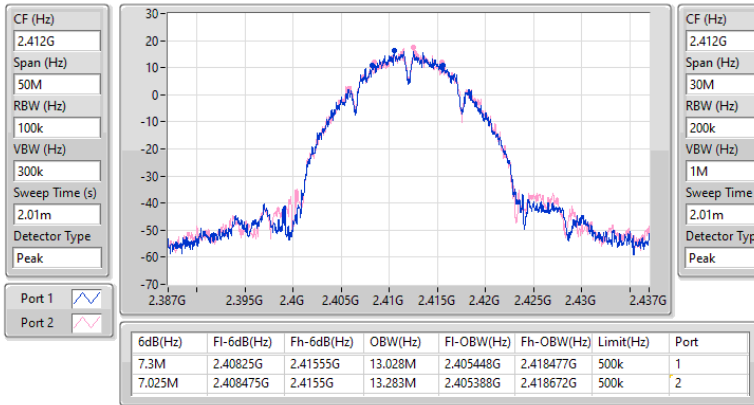
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

20/01/2025

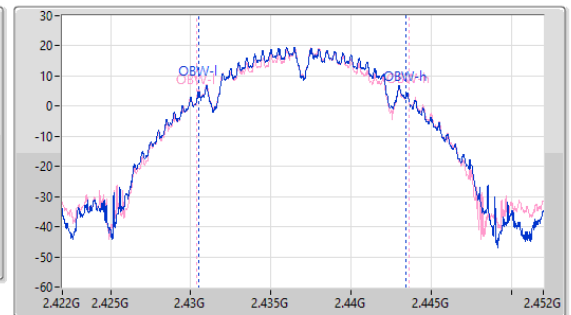
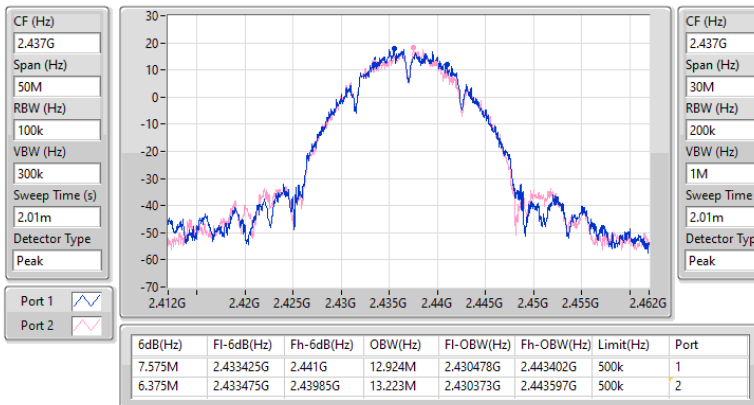


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

20/01/2025

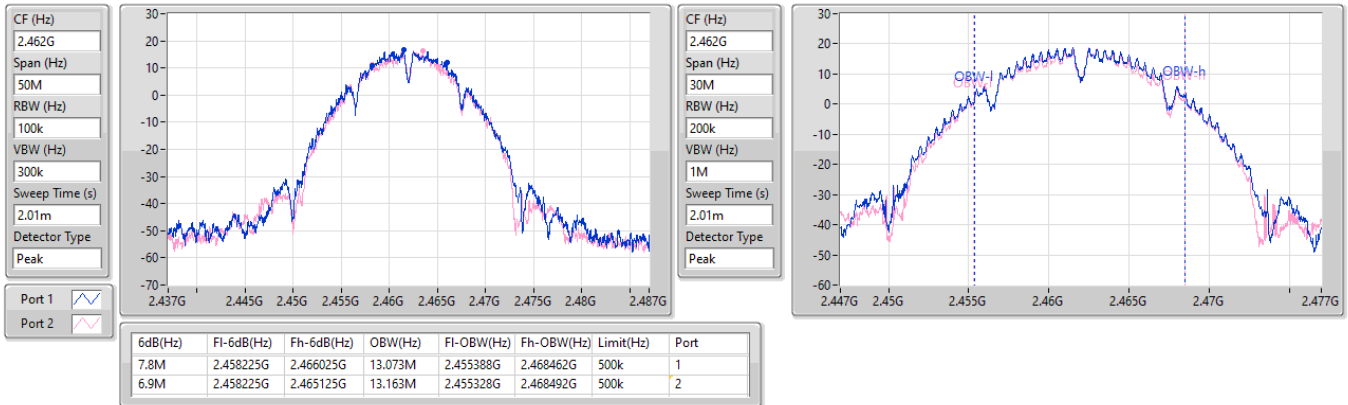


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

20/01/2025

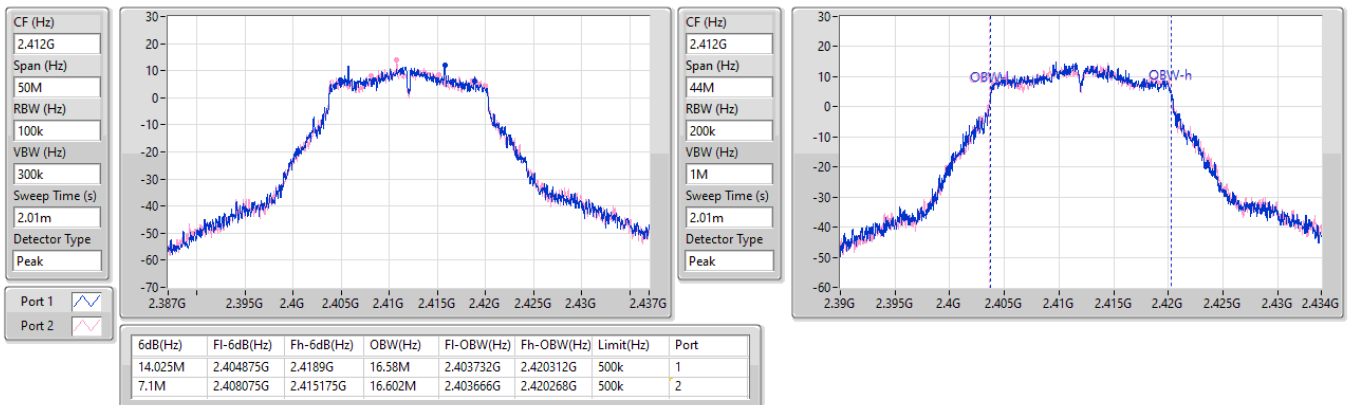


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

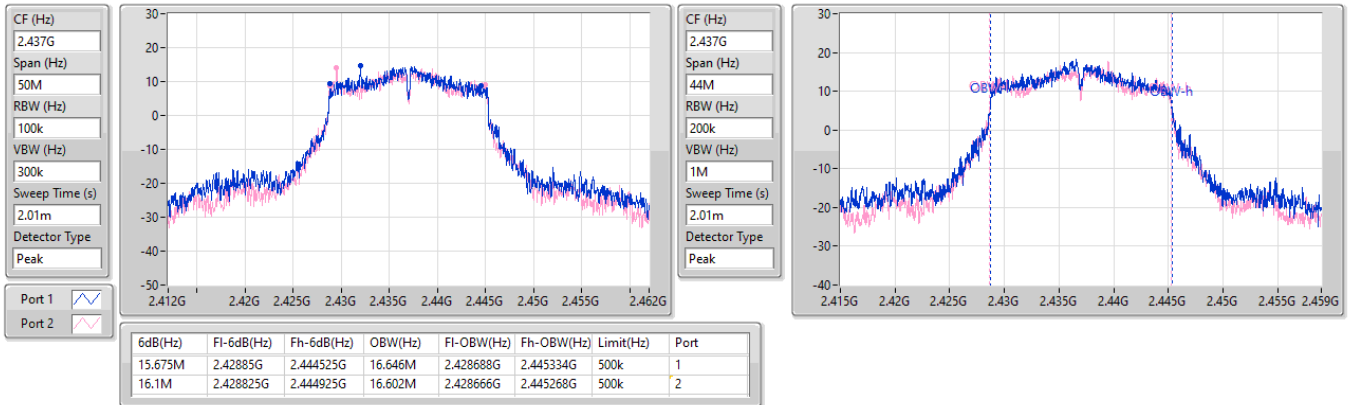
2412MHz

20/01/2025

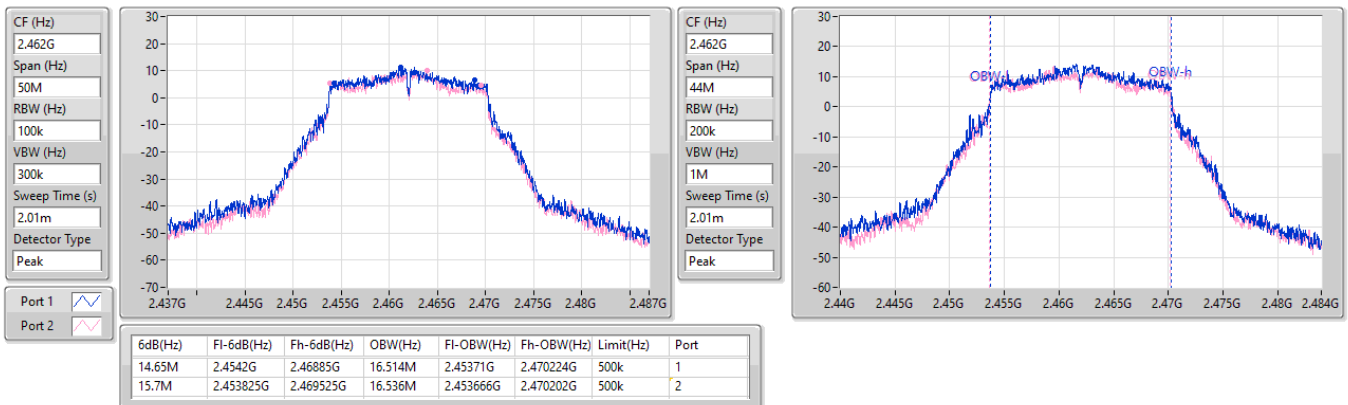


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2437MHz

20/01/2025

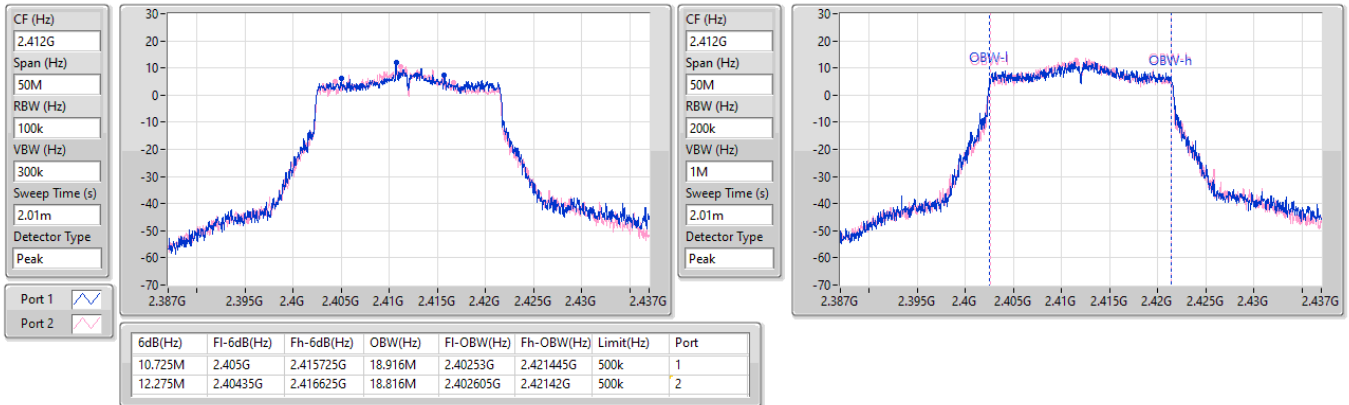

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX
EBW
2462MHz

20/01/2025

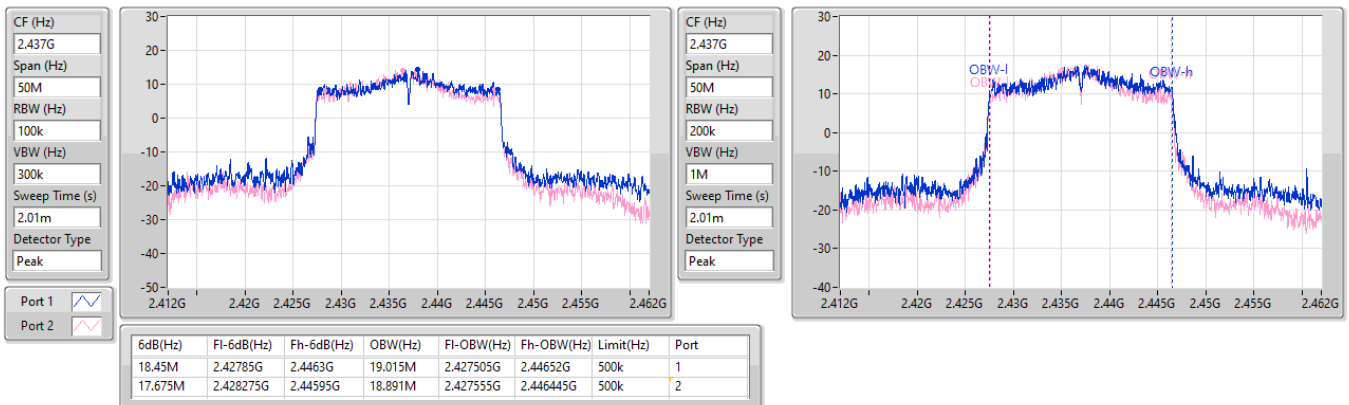


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
2412MHz

20/01/2025


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
2437MHz

20/01/2025

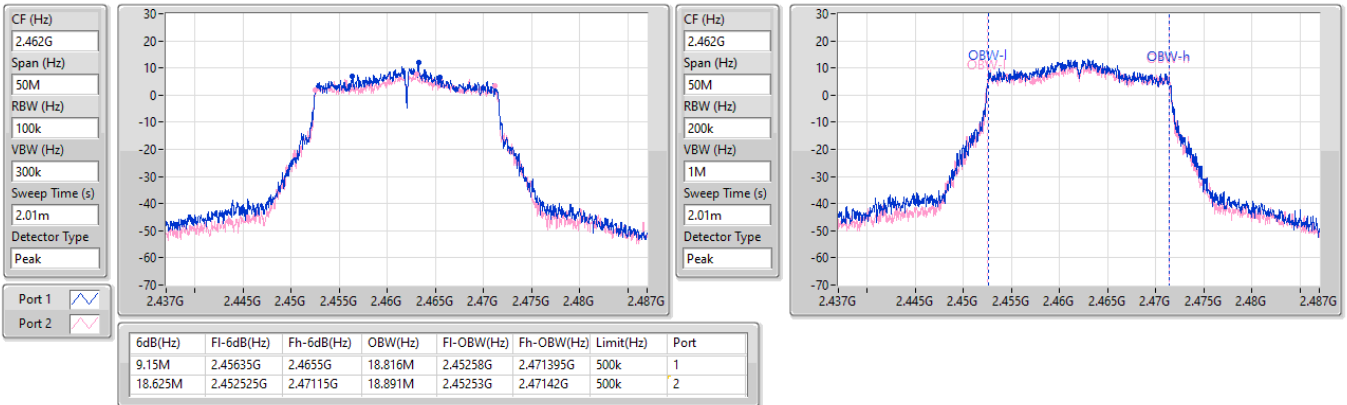


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

20/01/2025

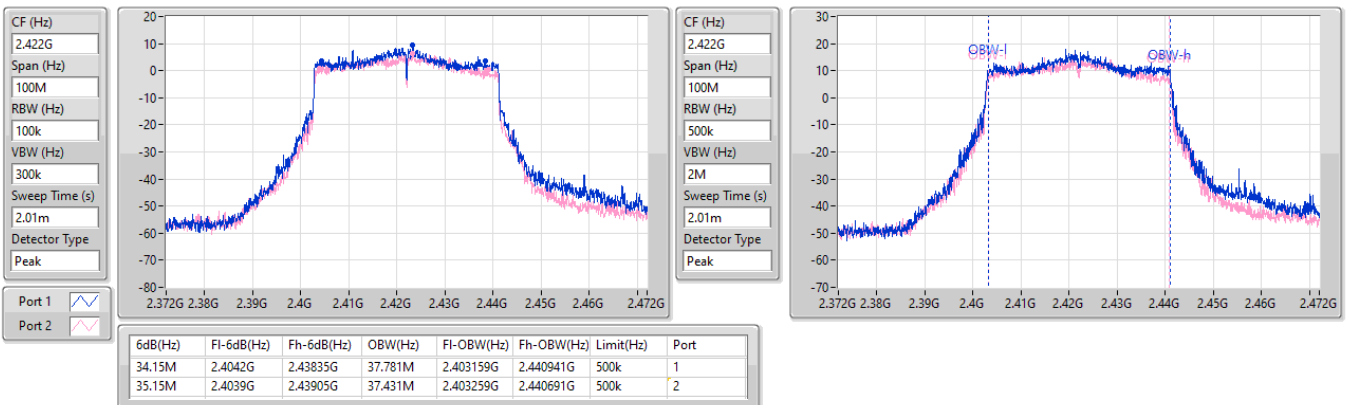


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

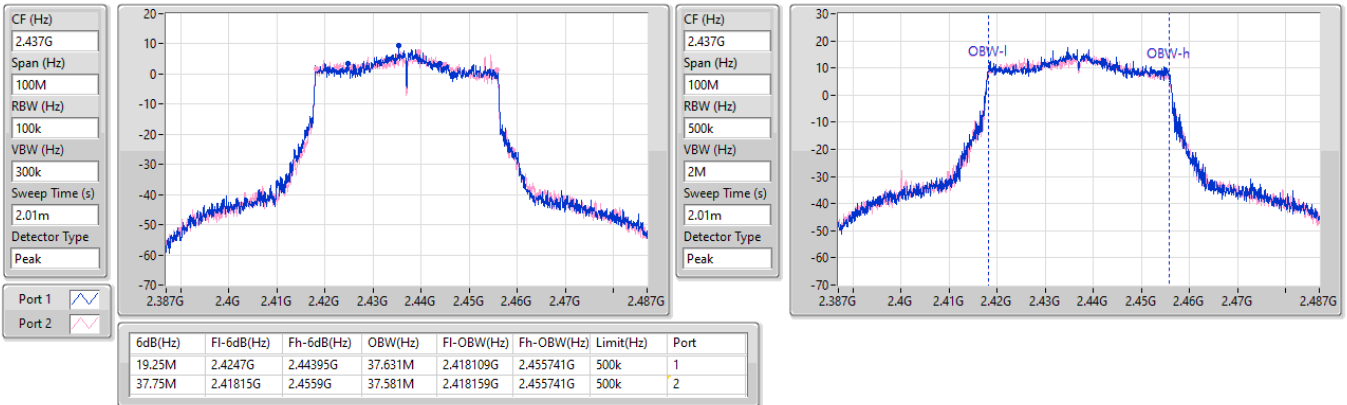
2422MHz

20/01/2025

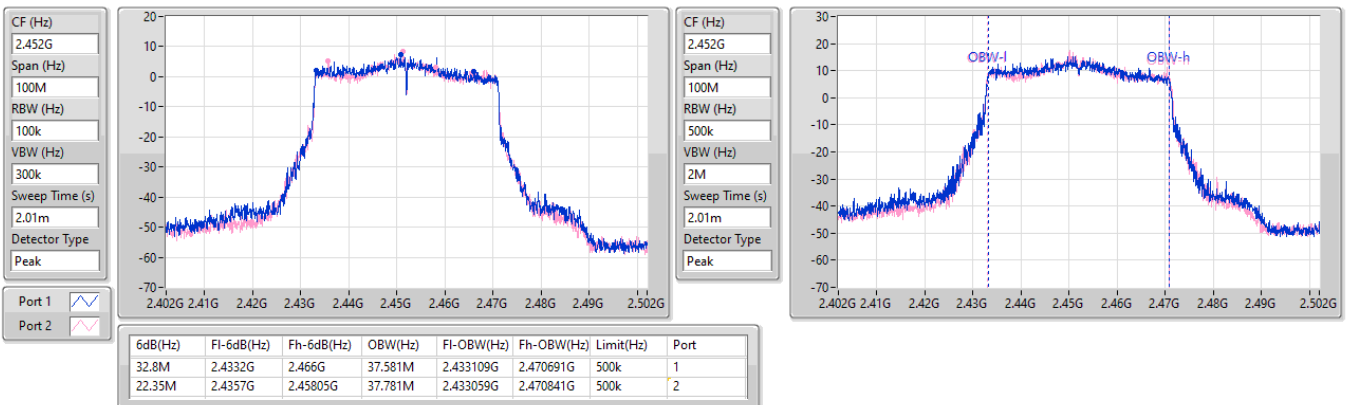


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
2437MHz

20/01/2025


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
2452MHz

20/01/2025



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.77	0.94842
802.11g_Nss1,(6Mbps)_2TX	29.60	0.91201
802.11be EHT20_Nss1,(MCS0)_2TX	29.61	0.91411
802.11be EHT20-BF_Nss1,(MCS0)_2TX	28.12	0.64863
802.11be EHT40_Nss1,(MCS0)_2TX	25.84	0.38371
802.11be EHT40-BF_Nss1,(MCS0)_2TX	25.84	0.38371

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.00	25.19	25.03	28.12	30.00
2437MHz	Pass	5.00	27.05	26.45	29.77	30.00
2462MHz	Pass	5.00	26.46	25.52	29.03	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.00	23.43	23.38	26.42	30.00
2417MHz	Pass	5.00	24.37	24.45	27.42	30.00
2437MHz	Pass	5.00	26.79	26.37	29.60	30.00
2457MHz	Pass	5.00	24.32	24.23	27.29	30.00
2462MHz	Pass	5.00	23.21	22.42	25.84	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	5.00	21.86	22.05	24.97	30.00
2417MHz	Pass	5.00	24.68	24.95	27.83	30.00
2437MHz	Pass	5.00	26.66	26.53	29.61	30.00
2457MHz	Pass	5.00	24.47	24.01	27.26	30.00
2462MHz	Pass	5.00	22.03	20.87	24.50	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	5.00	23.51	22.02	25.84	30.00
2437MHz	Pass	5.00	22.63	22.36	25.51	30.00
2452MHz	Pass	5.00	21.93	21.77	24.86	30.00
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.72	21.86	22.05	24.97	28.28
2417MHz	Pass	7.72	24.68	24.95	27.83	28.28
2437MHz	Pass	7.72	25.19	25.02	28.12	28.28
2457MHz	Pass	7.72	24.47	24.01	27.26	28.28
2462MHz	Pass	7.72	22.03	20.87	24.50	28.28
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.72	23.51	22.02	25.84	28.28
2437MHz	Pass	7.72	22.63	22.36	25.51	28.28
2452MHz	Pass	7.72	21.93	21.77	24.86	28.28

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

Summary

Mode	PD
	(dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	6.21
802.11g_Nss1,(6Mbps)_2TX	4.28
802.11be EHT20_Nss1,(MCS0)_2TX	5.53
802.11be EHT40_Nss1,(MCS0)_2TX	-1.03

RBW = 3kHz;

Result

Mode	Result	DG	Port 1	Port 2	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.72	3.22	2.72	5.86	6.28
2437MHz	Pass	7.72	3.44	3.28	6.21	6.28
2462MHz	Pass	7.72	3.31	3.18	6.07	6.28
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.72	-0.59	-2.13	0.37	6.28
2437MHz	Pass	7.72	2.86	1.95	4.28	6.28
2462MHz	Pass	7.72	-1.62	-1.57	-0.13	6.28
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	7.72	-1.92	-1.87	-0.04	6.28
2437MHz	Pass	7.72	3.36	2.38	5.53	6.28
2462MHz	Pass	7.72	-1.70	-3.24	-0.01	6.28
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	7.72	-2.30	-3.73	-1.03	6.28
2437MHz	Pass	7.72	-3.40	-4.18	-1.72	6.28
2452MHz	Pass	7.72	-4.00	-4.62	-2.82	6.28

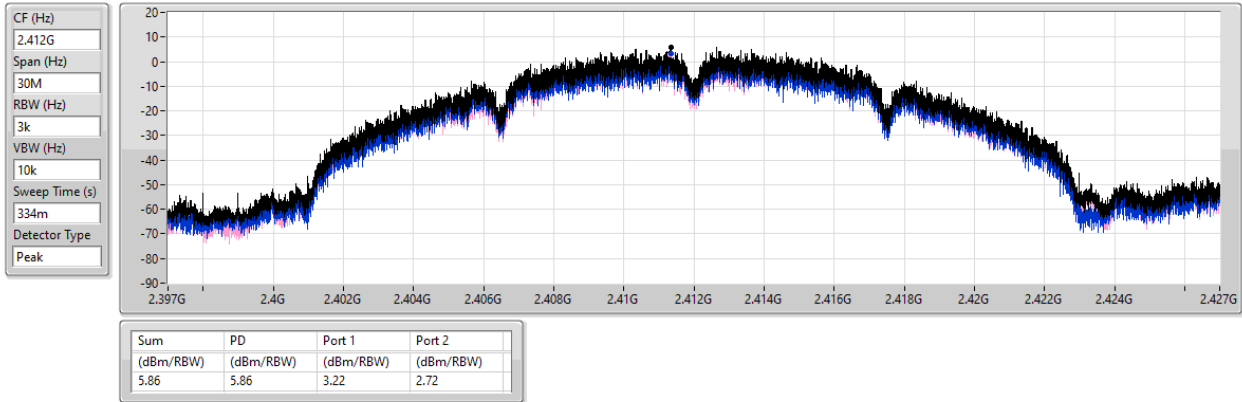
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2412MHz

20/01/2025

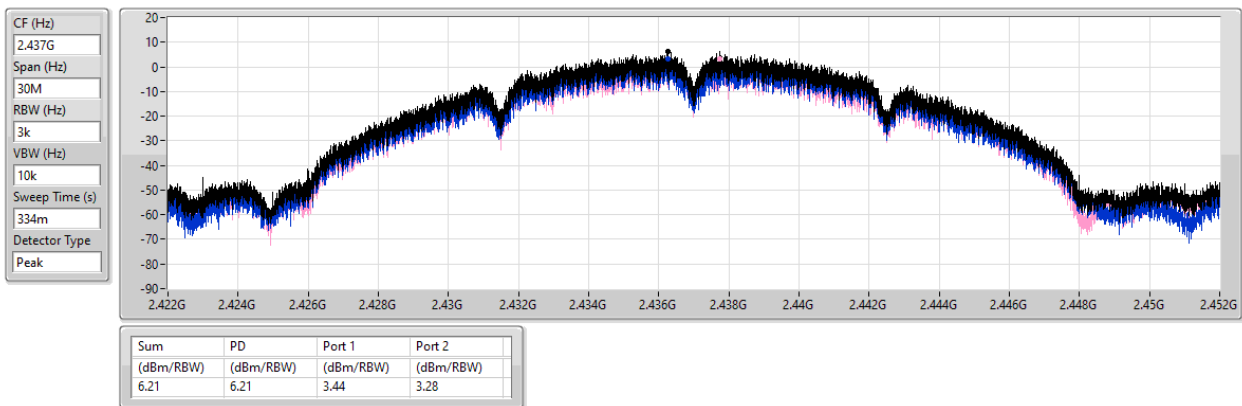


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2437MHz

20/01/2025

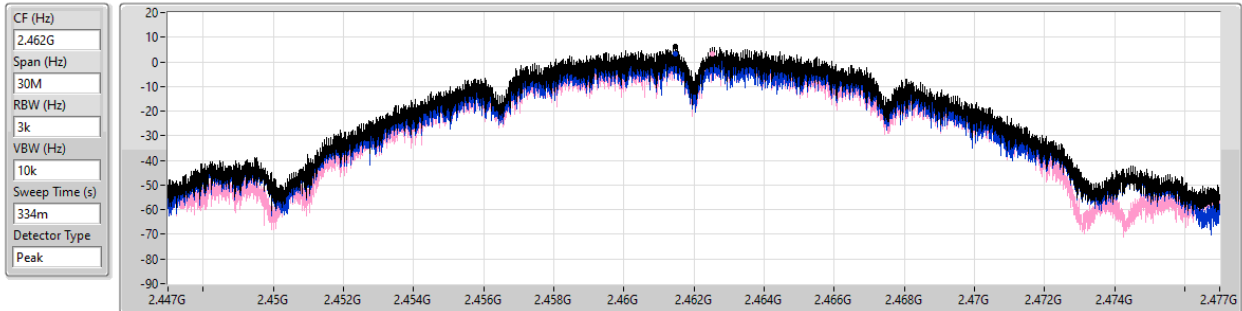


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

2462MHz

20/01/2025



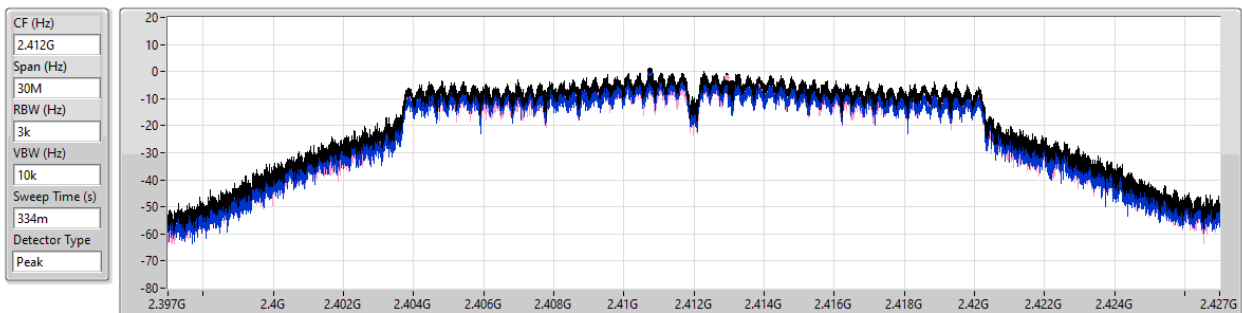
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.07	6.07	3.31	3.18

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

PSD

2412MHz

20/01/2025



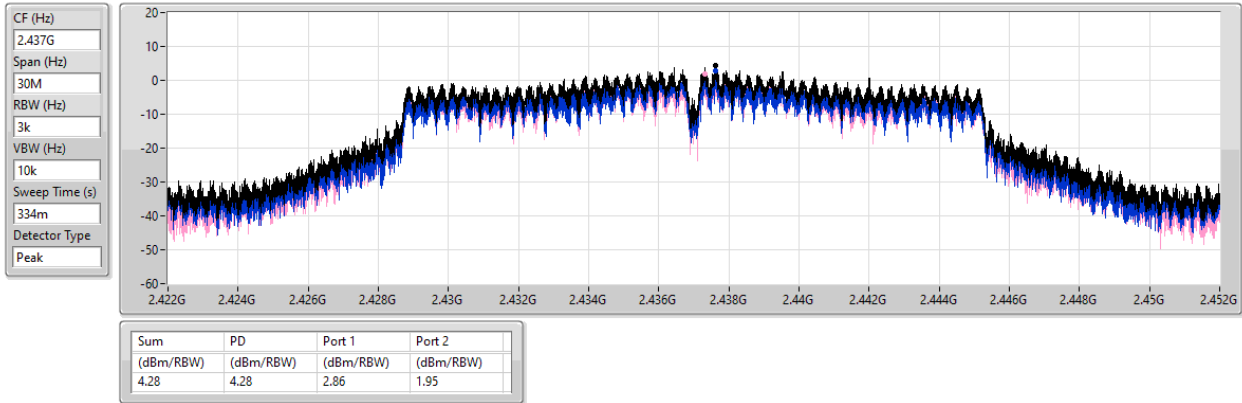
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.37	0.37	-0.59	-2.13

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

PSD

2437MHz

20/01/2025

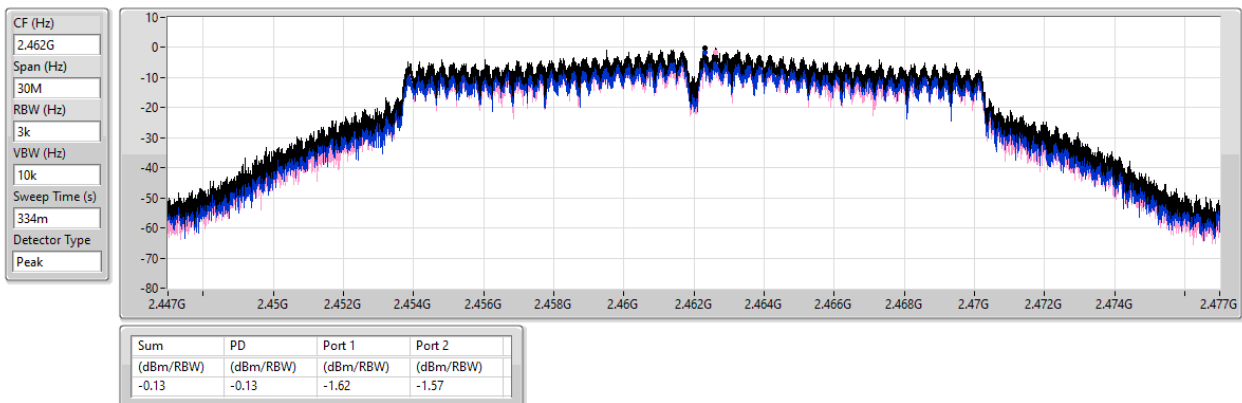


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

2462MHz

20/01/2025

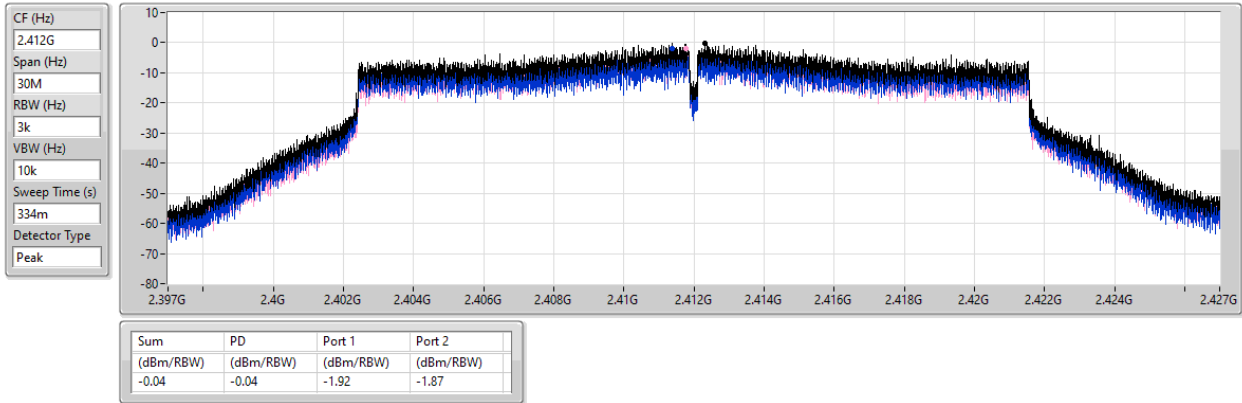


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2412MHz

20/01/2025

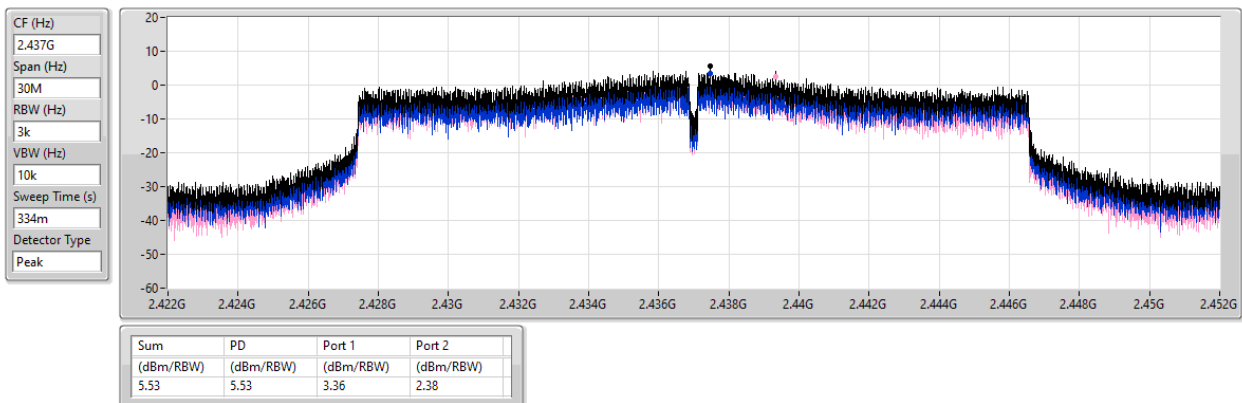


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2437MHz

20/01/2025

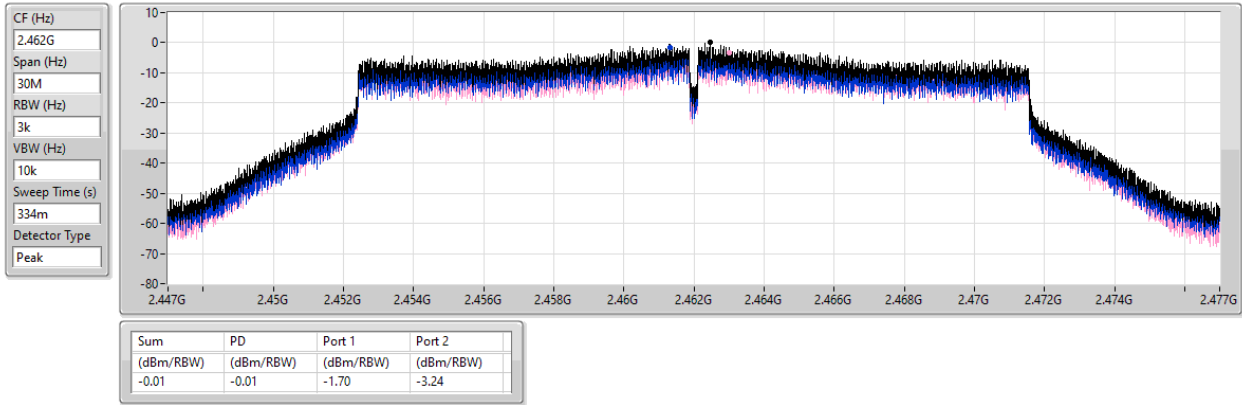


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

2462MHz

20/01/2025

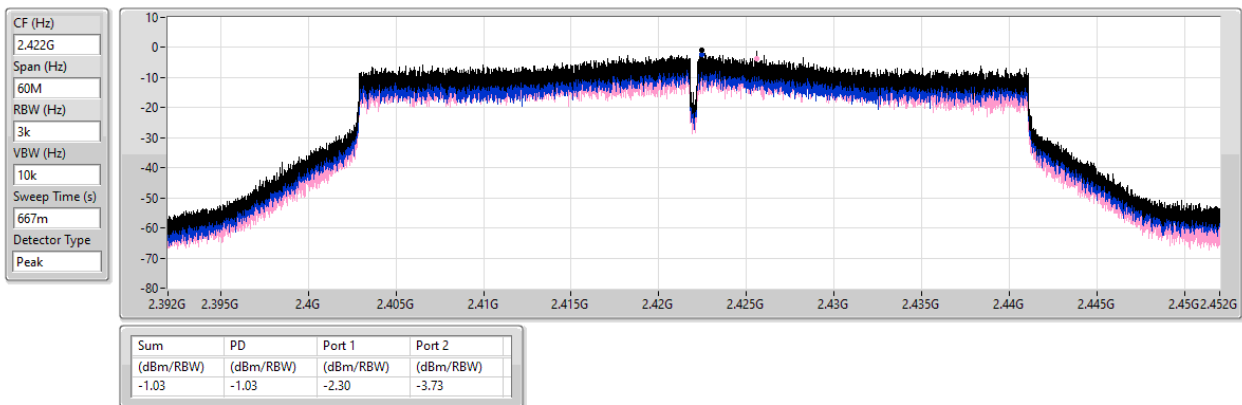


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2422MHz

20/01/2025

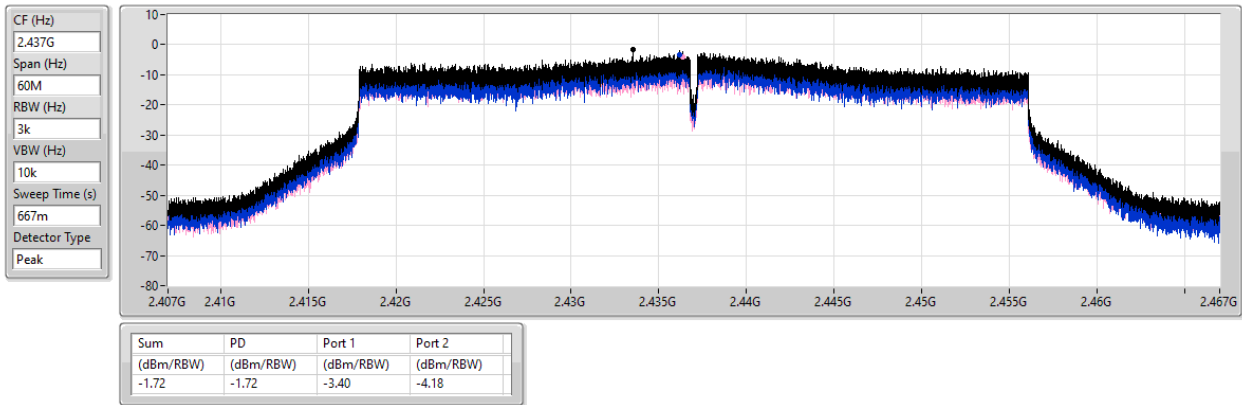


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2437MHz

20/01/2025

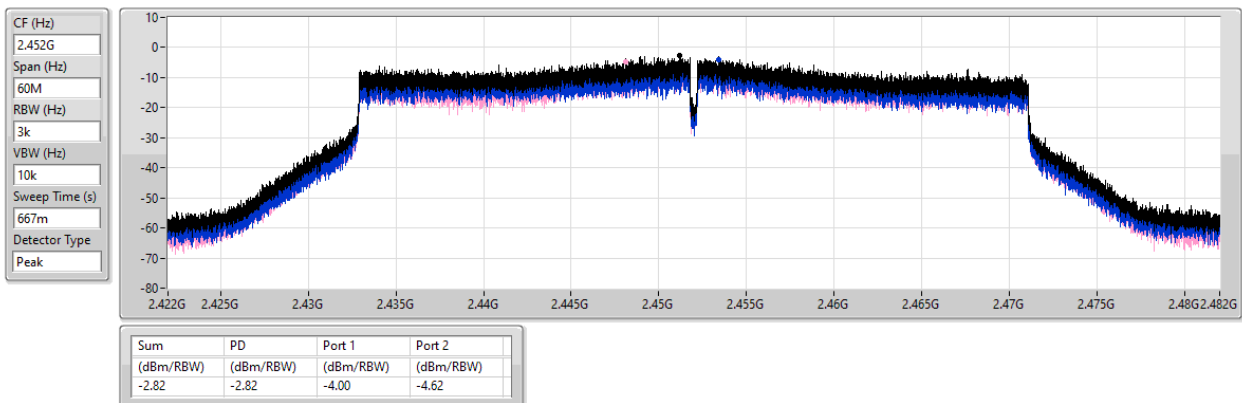


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2452MHz

20/01/2025





Summary

Mode	Result	Ref	Ref	Limit	Freq	Level	Freq	Level	Freq	Level	Freq	Level	Freq	Level	Port
		(Hz)	(dBm)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	(Hz)	(dBm)	
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1.(1Mbps)_2TX	Pass	2.43641G	18.31	-11.69	2.00118G	-51.35	2.39992G	-36.70	2.4G	-35.58	2.51206G	-51.77	21.85048G	-42.40	2
802.11g_Nss1.(6Mbps)_2TX	Pass	2.43574G	18.33	-11.67	2.11302G	-51.01	2.39968G	-21.99	2.4G	-19.55	2.5143G	-51.77	15.19463G	-43.14	2
802.11be EHT20_Nss1.(MCS0)_2TX	Pass	2.43824G	18.19	-11.81	626.48M	-52.14	2.39952G	-20.94	2.4G	-21.94	2.51302G	-51.22	21.97129G	-43.39	2
802.11be EHT40_Nss1.(MCS0)_2TX	Pass	2.41937G	11.49	-18.51	836.08M	-52.32	2.4G	-21.17	2.4G	-21.91	2.53406G	-51.79	24.43067G	-43.58	1

Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43641G	18.31	-11.69	214.07M	-52.79	2.4G	-36.72	2.4G	-36.62	2.52078G	-51.13	15.18339G	-43.47	1
2412MHz	Pass	2.43641G	18.31	-11.69	2.00118G	-51.35	2.39992G	-36.70	2.4G	-35.58	2.51206G	-51.77	21.85048G	-42.40	2
2437MHz	Pass	2.43641G	18.31	-11.69	2.18875G	-52.80	2.4G	-46.38	2.4G	-46.88	2.51774G	-50.54	6.99351G	-42.64	1
2437MHz	Pass	2.43641G	18.31	-11.69	2.11419G	-52.46	2.39704G	-47.22	2.4G	-48.71	2.52326G	-50.82	21.81677G	-43.20	2
2462MHz	Pass	2.43641G	18.31	-11.69	732.5M	-53.06	2.4G	-46.93	2.4G	-47.56	2.51054G	-51.08	6.92047G	-43.04	1
2462MHz	Pass	2.43641G	18.31	-11.69	824.53M	-52.46	2.39632G	-50.95	2.4G	-52.86	2.52246G	-51.47	15.19744G	-42.64	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43574G	18.33	-11.67	956.18M	-52.73	2.4G	-21.48	2.4G	-20.52	2.51326G	-50.49	15.20025G	-43.38	1
2412MHz	Pass	2.43574G	18.33	-11.67	2.11302G	-51.01	2.39968G	-21.99	2.4G	-19.55	2.5143G	-51.77	15.19463G	-43.14	2
2437MHz	Pass	2.43574G	18.33	-11.67	788.42M	-52.65	2.39888G	-34.92	2.4G	-35.13	2.51078G	-50.94	24.52799G	-43.40	1
2437MHz	Pass	2.43574G	18.33	-11.67	1.65168G	-52.02	2.3996G	-39.05	2.4G	-37.14	2.52046G	-50.68	15.18901G	-42.73	2
2462MHz	Pass	2.43574G	18.33	-11.67	854.82M	-52.92	2.4G	-47.10	2.4G	-46.44	2.5215G	-51.45	15.19744G	-43.46	1
2462MHz	Pass	2.43574G	18.33	-11.67	868.8M	-51.25	2.39216G	-49.60	2.4G	-50.94	2.50054G	-51.22	17.29899G	-43.03	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	18.19	-11.81	607.84M	-51.87	2.4G	-21.88	2.4G	-21.83	2.5171G	-51.29	24.4718G	-42.73	1
2412MHz	Pass	2.43824G	18.19	-11.81	626.48M	-52.14	2.39952G	-20.94	2.4G	-21.94	2.51302G	-51.22	21.97129G	-43.39	2
2437MHz	Pass	2.43824G	18.19	-11.81	678.91M	-52.38	2.3996G	-28.64	2.4G	-30.63	2.51438G	-51.84	24.21051G	-42.51	1
2437MHz	Pass	2.43824G	18.19	-11.81	906.08M	-53.32	2.39824G	-28.77	2.4G	-32.53	2.5087G	-50.51	24.07846G	-42.71	2
2462MHz	Pass	2.43824G	18.19	-11.81	836.18M	-52.19	2.4G	-47.94	2.4G	-47.97	2.5235G	-51.12	14.84624G	-42.39	1
2462MHz	Pass	2.43824G	18.19	-11.81	822.2M	-51.69	2.39688G	-49.29	2.4G	-50.51	2.5067G	-51.69	24.4409G	-43.28	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.41937G	11.49	-18.51	836.08M	-52.32	2.4G	-21.17	2.4G	-21.91	2.53406G	-51.79	24.43067G	-43.58	1
2422MHz	Pass	2.41937G	11.49	-18.51	723.87M	-52.45	2.4G	-21.24	2.4G	-22.30	2.52142G	-50.82	24.11937G	-43.08	2
2437MHz	Pass	2.41937G	11.49	-18.51	1.78872G	-52.93	2.39952G	-39.16	2.4G	-40.76	2.52174G	-51.20	15.17281G	-42.30	1
2437MHz	Pass	2.41937G	11.49	-18.51	651.74M	-52.32	2.39968G	-34.17	2.4G	-39.14	2.53934G	-51.36	24.65784G	-42.80	2
2452MHz	Pass	2.41937G	11.49	-18.51	682.65M	-52.80	2.4G	-45.07	2.4G	-45.89	2.54734G	-51.80	24.5709G	-43.22	1
2452MHz	Pass	2.41937G	11.49	-18.51	845.24M	-52.88	2.3984G	-47.40	2.4G	-47.41	2.53054G	-50.60	21.78878G	-43.35	2

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

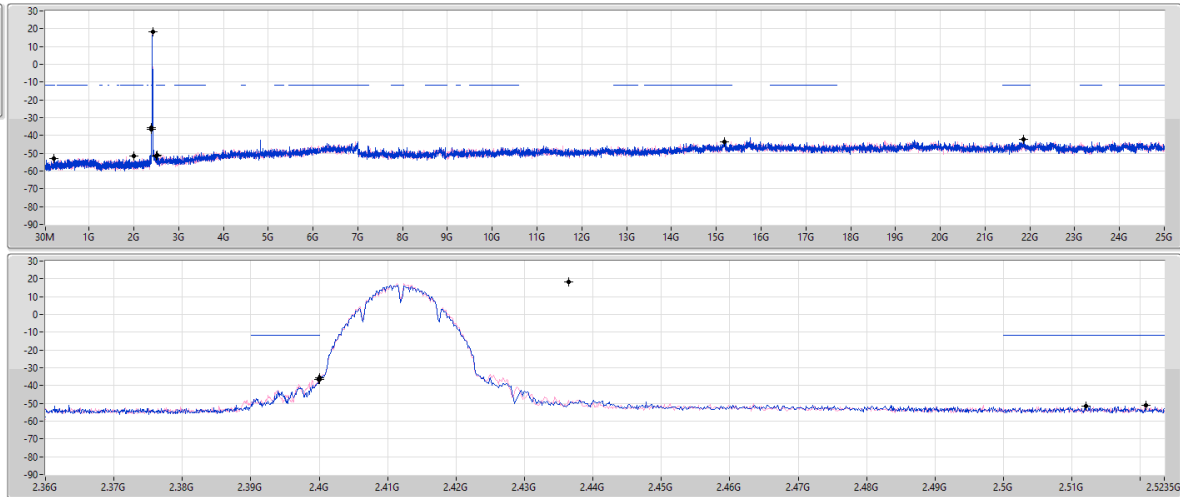
CSEndB

2412MHz

20/01/2025

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

Port 1
Port 2



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	18.31	-11.69	214.07M	-52.79	2.4G	-36.72	2.4G	-36.62	2.52078G	-51.13	15.18339G	-43.47	1
2.43641G	18.31	-11.69	2.00118G	-51.35	2.39992G	-36.70	2.4G	-35.58	2.51206G	-51.77	21.85048G	-42.40	2

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

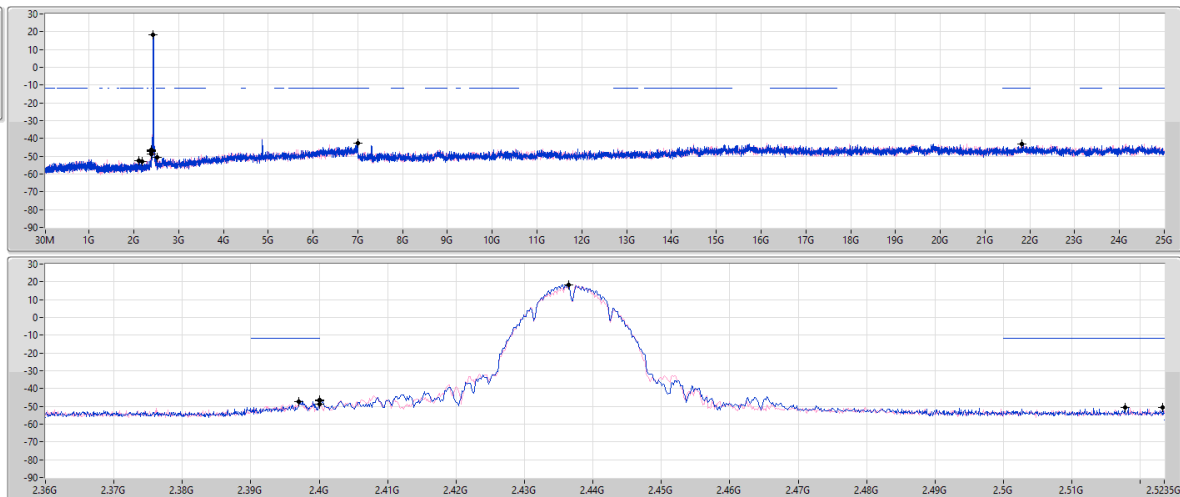
CSEndB

2437MHz

20/01/2025

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

Port 1
Port 2



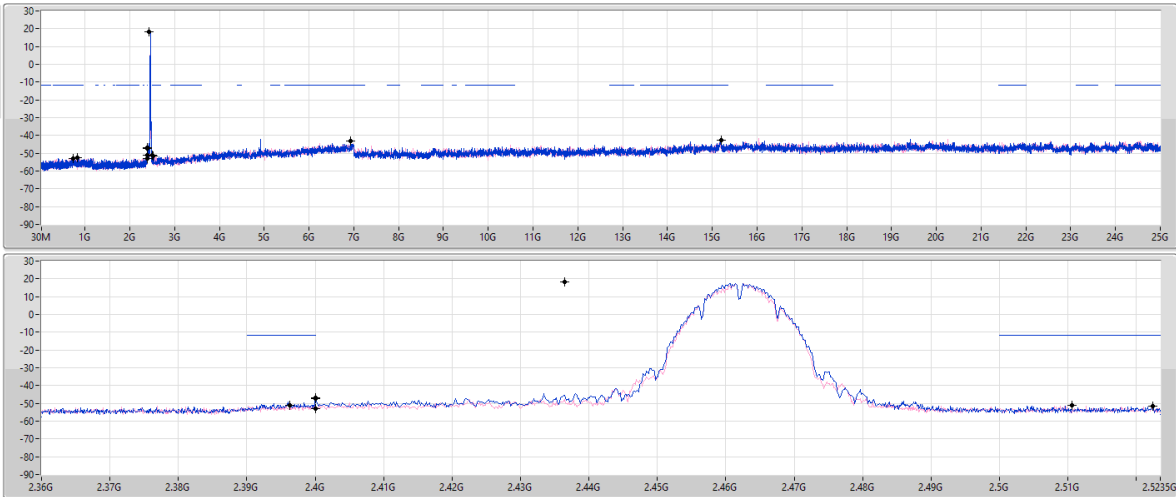
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43641G	18.31	-11.69	2.18875G	-52.80	2.4G	-46.38	2.4G	-46.88	2.51774G	-50.54	6.99351G	-42.64	1
2.43641G	18.31	-11.69	2.11419G	-52.46	2.39704G	-47.22	2.4G	-48.71	2.52326G	-50.82	21.81677G	-43.20	2

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

CSEndB

2462MHz

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



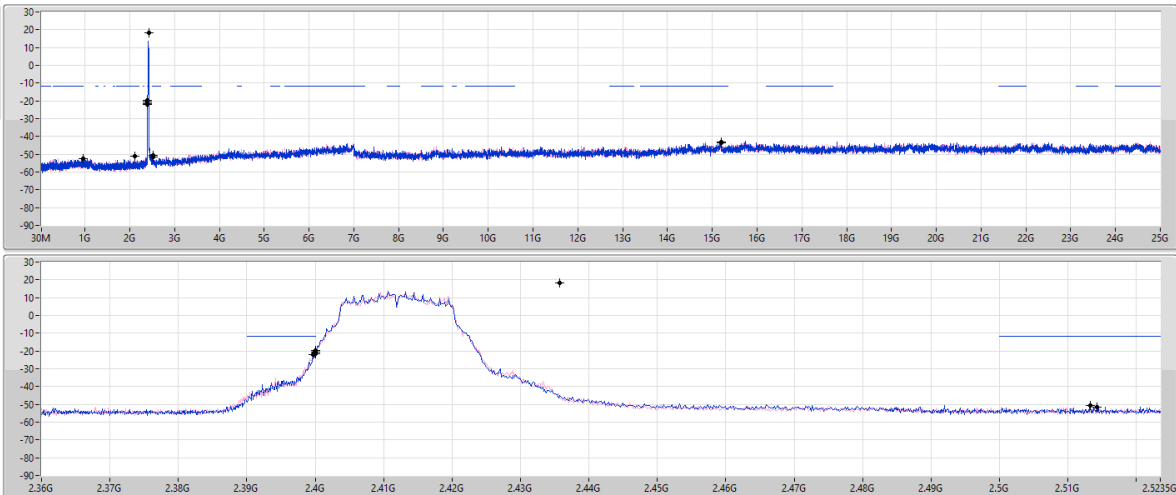
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2.43641G	18.31	-11.69	732.5M	-53.06	2.4G	-46.93	2.4G	-47.56	2.51054G	-51.08	6.92047G	-43.04	1
2.43641G	18.31	-11.69	824.53M	-52.46	2.39632G	-50.95	2.4G	-52.86	2.52246G	-51.47	15.19744G	-42.64	2

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

CSEndB

2412MHz

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



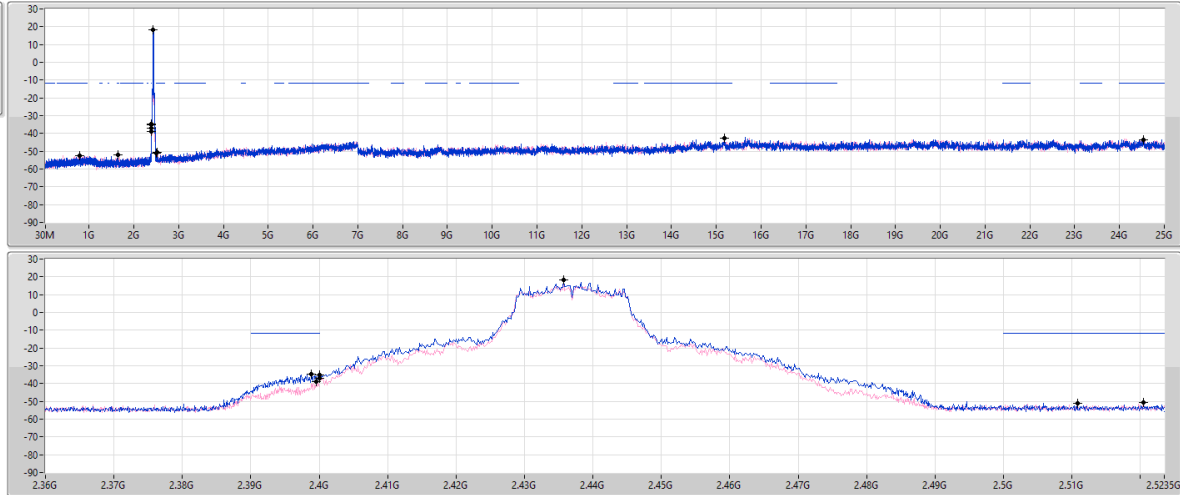
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2.43574G	18.33	-11.67	956.18M	-52.73	2.4G	-21.48	2.4G	-20.52	2.51326G	-50.49	15.20025G	-43.38	1
2.43574G	18.33	-11.67	2.11302G	-51.01	2.39968G	-21.99	2.4G	-19.55	2.5143G	-51.77	15.19463G	-43.14	2

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

CSEndB

2437MHz

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



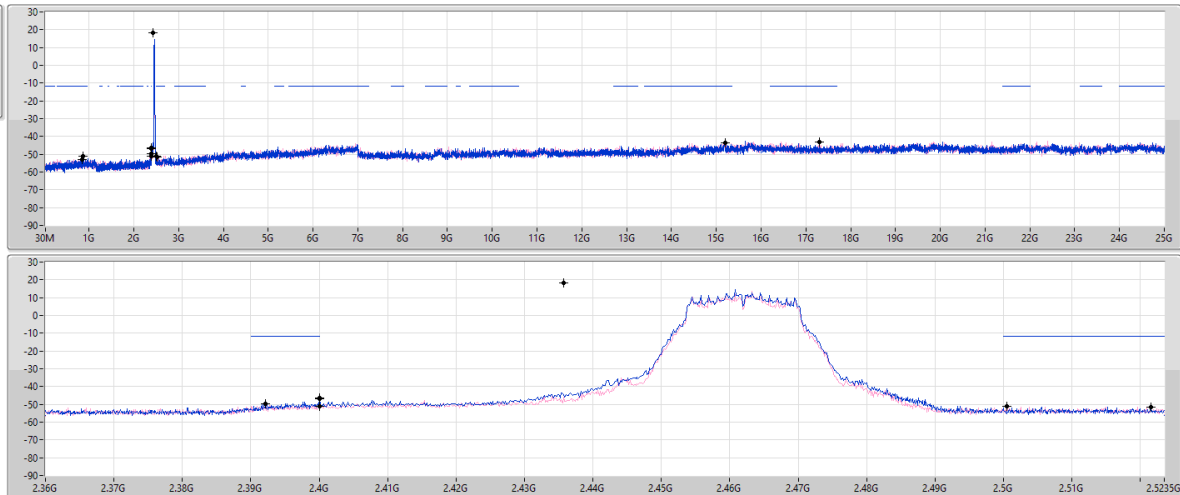
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	18.33	-11.67	788.42M	-52.65	2.39888G	-34.92	2.4G	-35.13	2.51078G	-50.94	2.452799G	-43.40	1
2.43574G	18.33	-11.67	1.65168G	-52.02	2.3996G	-39.05	2.4G	-37.14	2.52046G	-50.68	15.18901G	-42.73	2

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

CSEndB

2462MHz

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



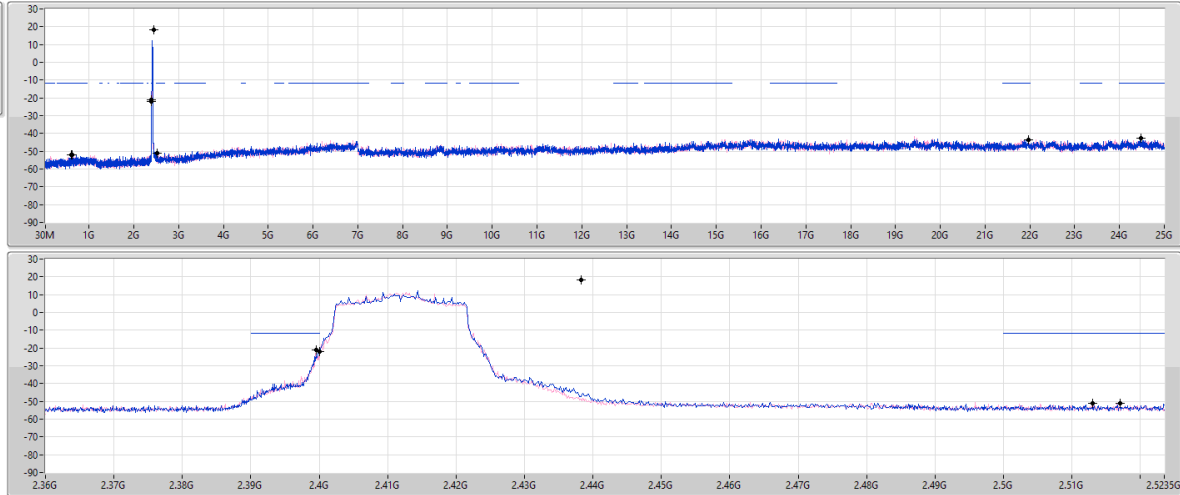
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	18.33	-11.67	854.82M	-52.92	2.4G	-47.10	2.4G	-46.44	2.5215G	-51.45	15.19744G	-43.46	1
2.43574G	18.33	-11.67	868.8M	-51.25	2.39216G	-49.60	2.4G	-50.94	2.50054G	-51.22	17.29899G	-43.03	2

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

CSEndB

2412MHz

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



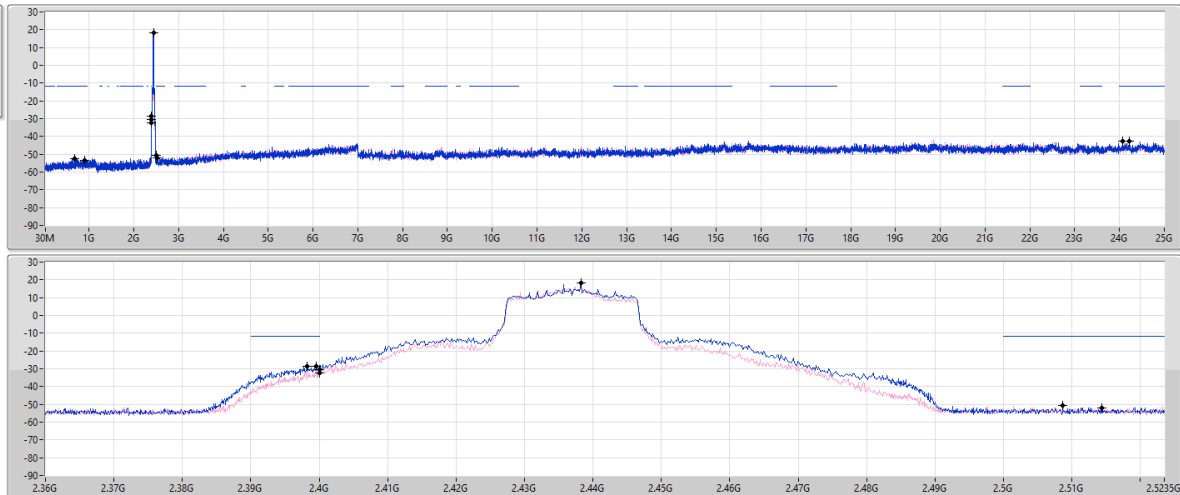
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	18.19	-11.81	607.84M	-51.87	2.4G	-21.88	2.4G	-21.83	2.5171G	-51.29	24.4718G	-42.73	1
2.43824G	18.19	-11.81	626.48M	-52.14	2.39952G	-20.94	2.4G	-21.94	2.51302G	-51.22	21.97129G	-43.39	2

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

CSEndB

2437MHz

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



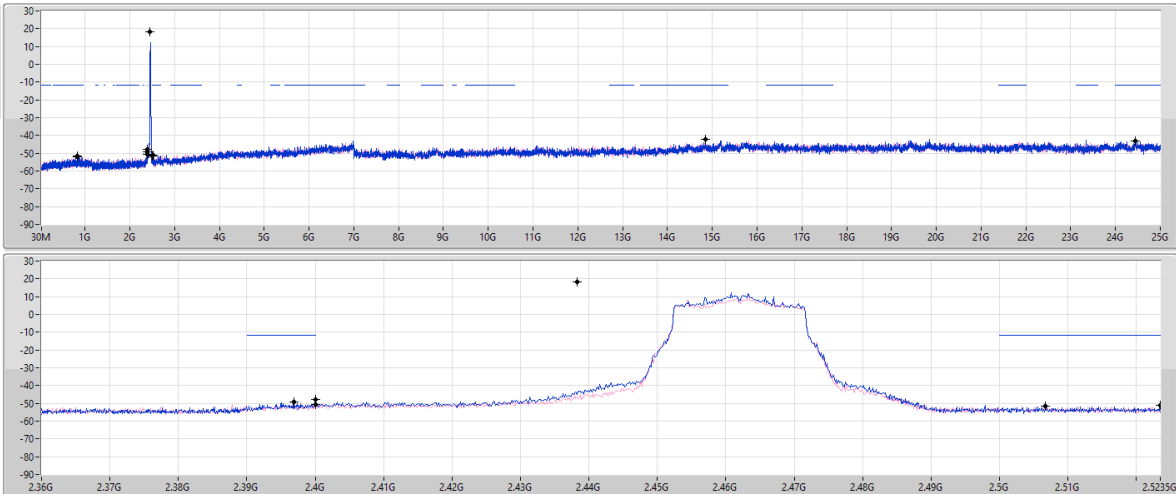
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2.43824G	18.19	-11.81	678.91M	-52.38	2.3996G	-28.64	2.4G	-30.63	2.51438G	-51.84	24.21051G	-42.51	1
2.43824G	18.19	-11.81	906.08M	-53.32	2.39824G	-28.77	2.4G	-32.53	2.5087G	-50.51	24.07846G	-42.71	2

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

CSEndB

2462MHz

20/01/2025

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

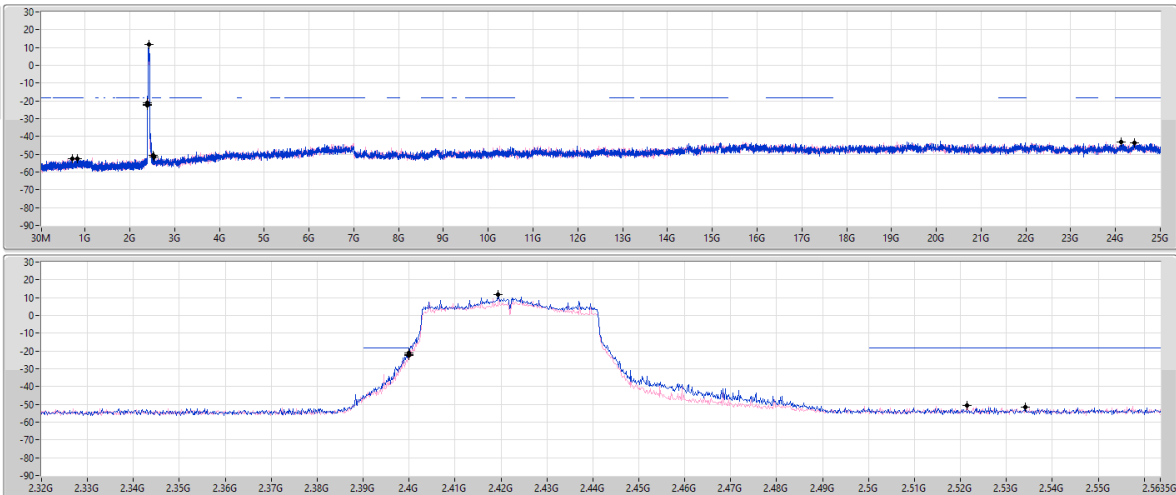
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	18.19	-11.81	836.18M	-52.19	2.4G	-47.94	2.4G	-47.97	2.5235G	-51.12	14.84624G	-42.39	1
2.43824G	18.19	-11.81	822.2M	-51.69	2.39688G	-49.29	2.4G	-50.51	2.5067G	-51.69	24.4409G	-43.28	2

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

CSEndB

2422MHz

20/01/2025

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

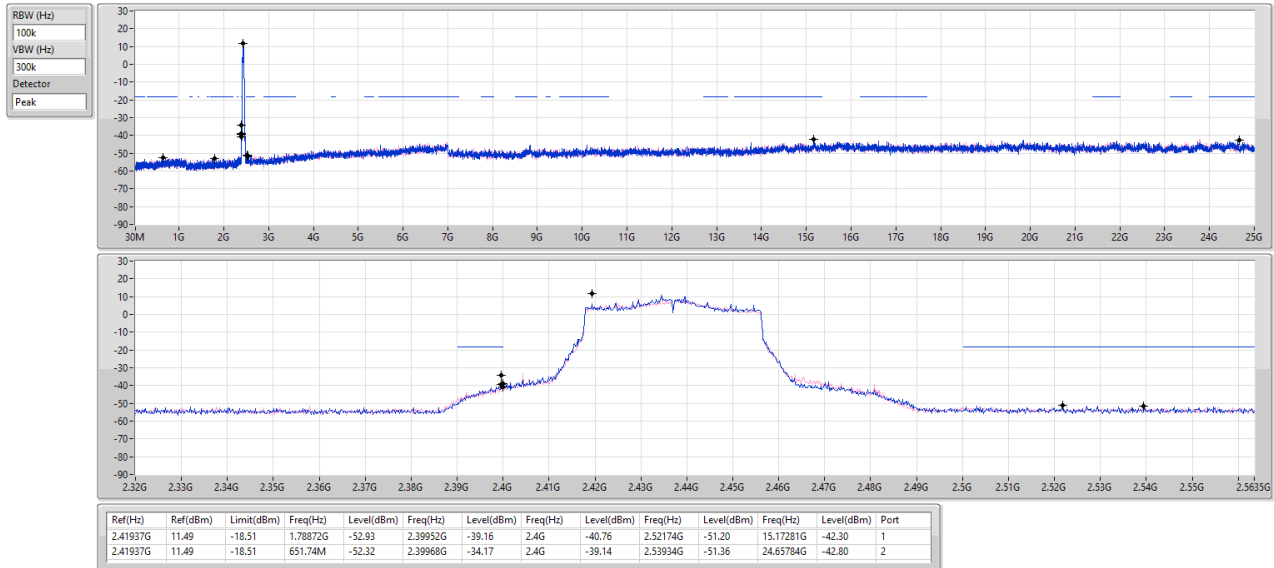
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41937G	11.49	-18.51	836.08M	-52.32	2.4G	-21.17	2.4G	-21.91	2.53406G	-51.79	24.43067G	-43.58	1
2.41937G	11.49	-18.51	723.87M	-52.45	2.4G	-21.24	2.4G	-22.30	2.52142G	-50.82	24.11937G	-43.08	2

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

CSEndB

2437MHz

20/01/2025

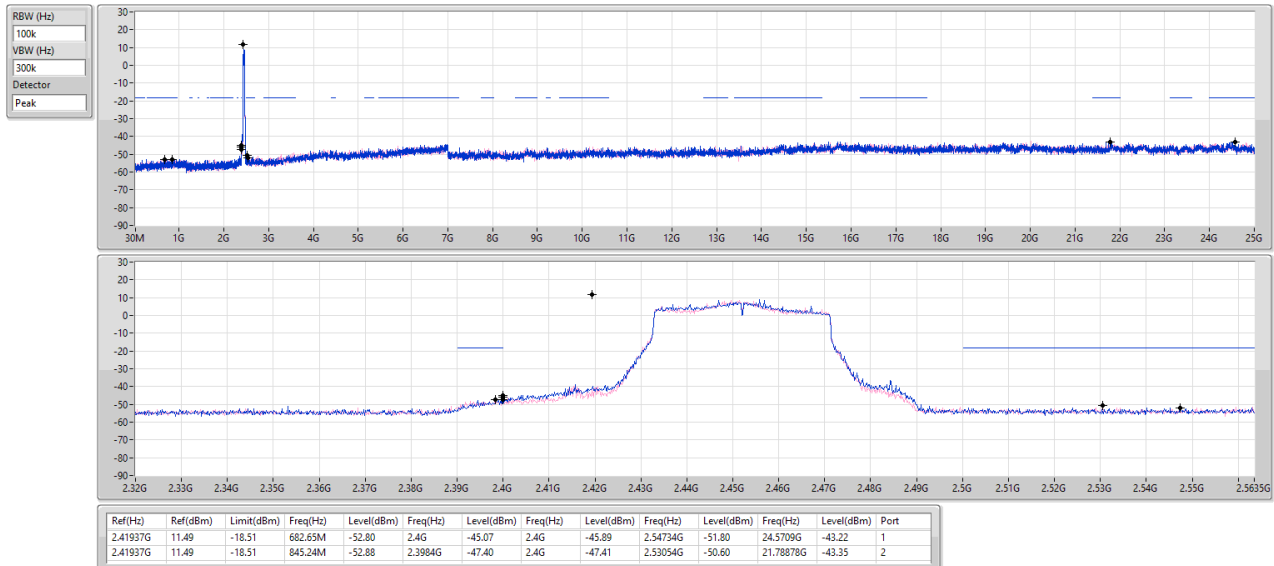


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

20/01/2025





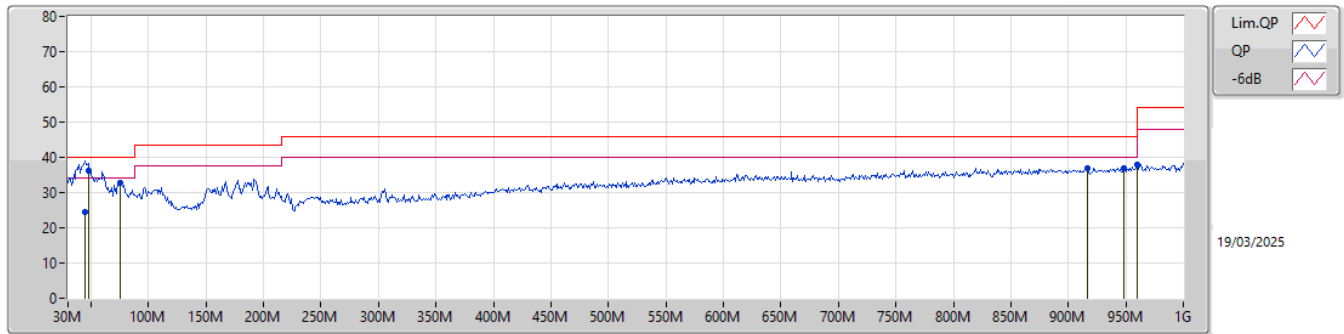
Radiated Emissions below 1GHz

Appendix F.1

Summary

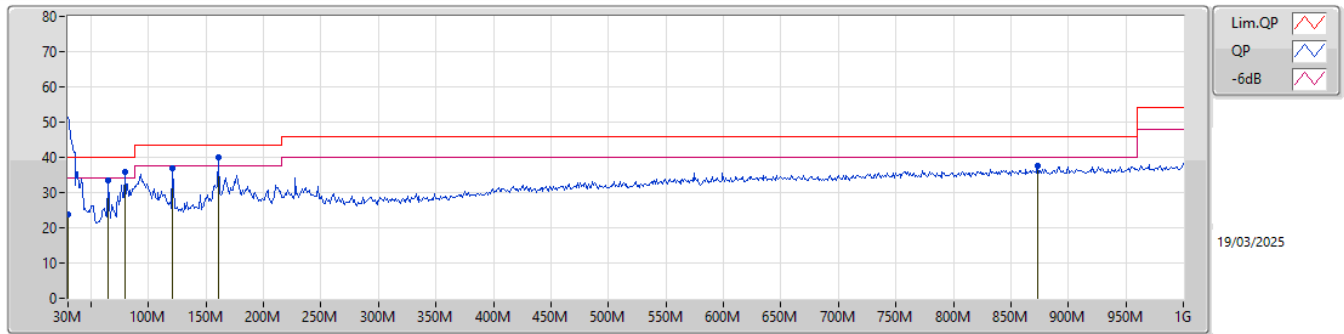
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	160.95M	39.84	43.50	-3.66	Horizontal

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	44.55M	24.52	40.00	-15.48	-26.69	3	Vertical	29	1.00	-	51.21	16.42	1.29	44.40		
PK	48.43M	36.06	40.00	-3.94	-28.24	3	Vertical	334	1.00	"Worst"	64.30	14.80	1.42	44.46		
PK	75.59M	32.88	40.00	-7.12	-30.07	3	Vertical	73	1.00	-	62.95	12.69	1.71	44.47		
PK	916.58M	37.02	46.00	-8.98	-10.32	3	Vertical	360	1.50	-	47.34	26.58	6.51	43.41		
PK	948.59M	36.98	46.00	-9.02	-10.01	3	Vertical	164	1.50	-	46.99	26.85	6.59	43.45		
PK	960M	37.95	54.00	-16.05	-9.81	3	Vertical	76	1.50	-	47.76	27.02	6.62	43.45		

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	30M	23.88	40.00	-16.12	-19.03	3	Horizontal	225	1.00	-	42.91	23.98	1.15	44.16		
PK	64.92M	33.35	40.00	-6.65	-30.51	3	Horizontal	164	1.00	-	63.86	12.28	1.63	44.42		
PK	79.47M	35.72	40.00	-4.28	-29.68	3	Horizontal	123	1.00	-	65.40	13.07	1.74	44.49		
PK	121.18M	36.89	43.50	-6.61	-23.99	3	Horizontal	147	1.50	-	60.88	18.18	2.30	44.47		
PK	160.95M	39.84	43.50	-3.66	-25.82	3	Horizontal	132	1.50	"Worst"	65.66	15.94	2.68	44.44		
PK	872.93M	37.71	46.00	-8.29	-10.46	3	Horizontal	103	1.00	-	48.17	26.57	6.35	43.38		

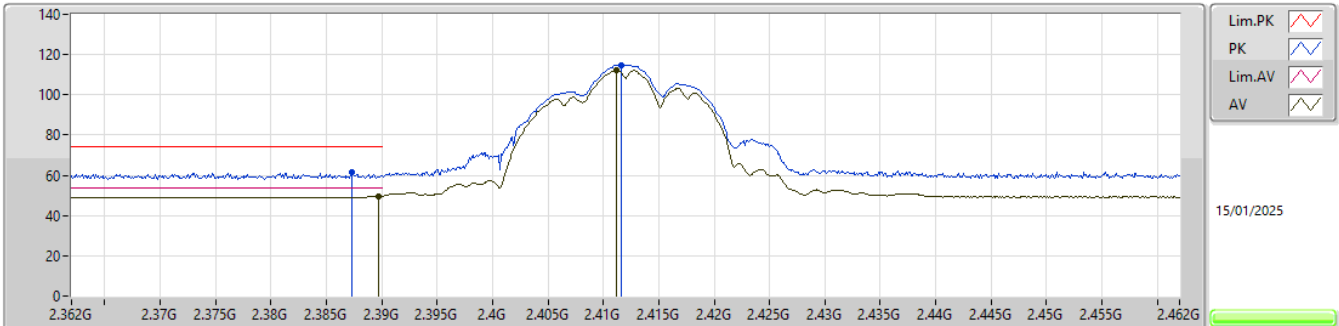


Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height	Comments
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)	
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	52.88	54.00	-1.12	3	Horizontal	309	2.78	23

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

2412MHz_TX

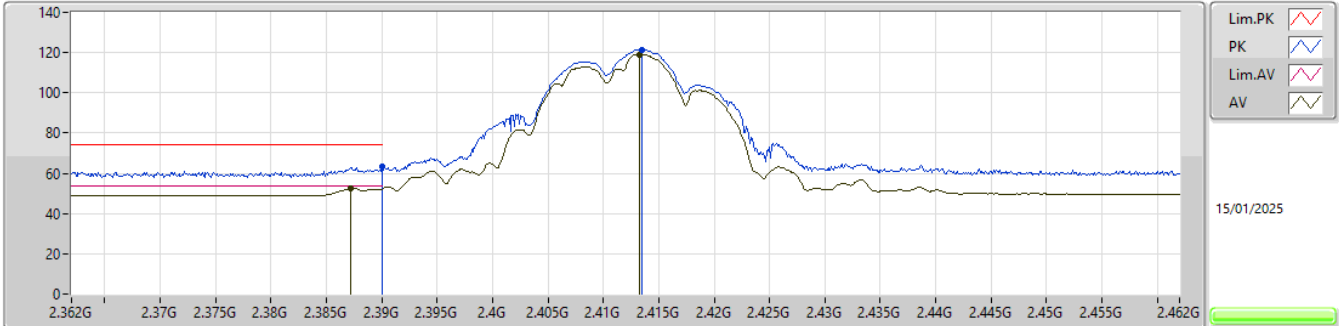


EUT_Y_2TX
SET 25.5
25.5
3.79

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	2.3873G	61.75	74.00	-12.25	29.22	3	Vertical	338	2.82	25.5	28.47	4.06	-				
AV	2.3897G	49.21	54.00	-4.79	16.65	3	Vertical	338	2.82	25.5	28.50	4.06	-				
PK	2.4116G	114.95	Inf	-Inf	82.47	3	Vertical	338	2.82	25.5	28.40	4.08	-				
AV	2.4112G	112.52	Inf	-Inf	80.04	3	Vertical	338	2.82	25.5	28.40	4.08	-				

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

2412MHz_TX

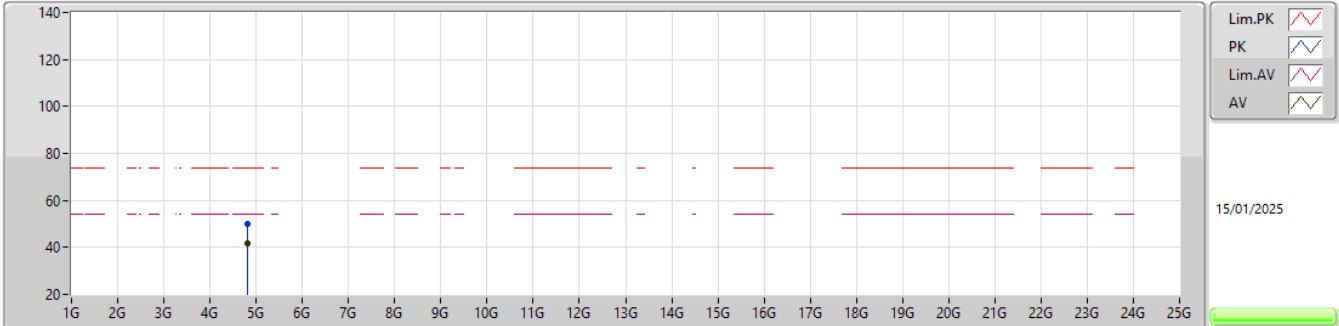


EUT_Y_2TX
SET 25.5
27.22.5\24.5\25.5
-4.31\2.95\1.70\0.21

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	63.21	74.00	-10.79	30.65	3	Horizontal	333	2.85	25.5	28.50	4.06	-			
AV	2.3872G	52.79	54.00	-1.21	20.26	3	Horizontal	333	2.85	25.5	28.47	4.06	-			
PK	2.4135G	121.56	Inf	-Inf	89.08	3	Horizontal	333	2.85	25.5	28.40	4.08	-			
AV	2.4133G	118.98	Inf	-Inf	86.50	3	Horizontal	333	2.85	25.5	28.40	4.08	-			

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

2412MHz_TX

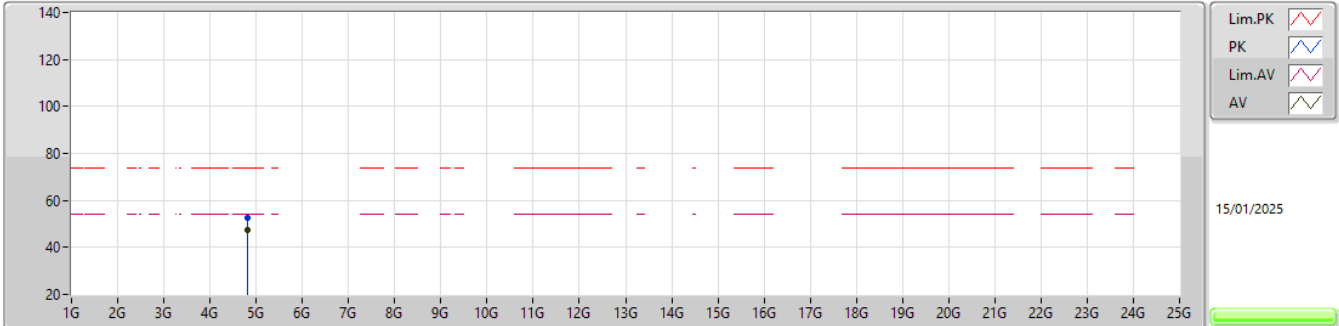


EUT_Y_2TX
SET 25.5
02-R-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.82392G	50.22	74.00	-23.78	41.29	3	Vertical	305	1.28	25.5	33.15	6.78	31.00			
AV	4.824G	41.78	54.00	-12.22	32.85	3	Vertical	305	1.28	25.5	33.15	6.78	31.00			

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

2412MHz_TX

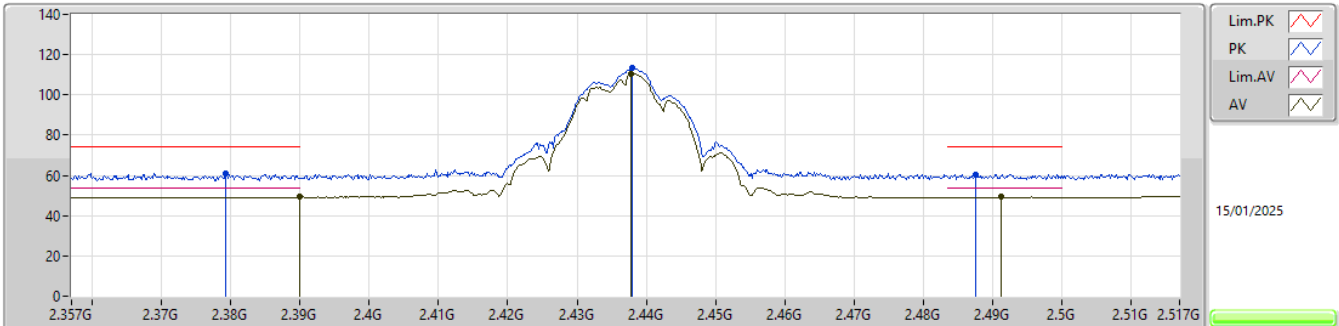


EUT_Y_2TX
SET 25.5
02-R-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.82408G	52.81	74.00	-21.19	43.88	3	Horizontal	294	1.96	25.5	33.15	6.78	31.00				
AV	4.82396G	47.45	54.00	-6.55	38.52	3	Horizontal	294	1.96	25.5	33.15	6.78	31.00				

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

2437MHz_TX

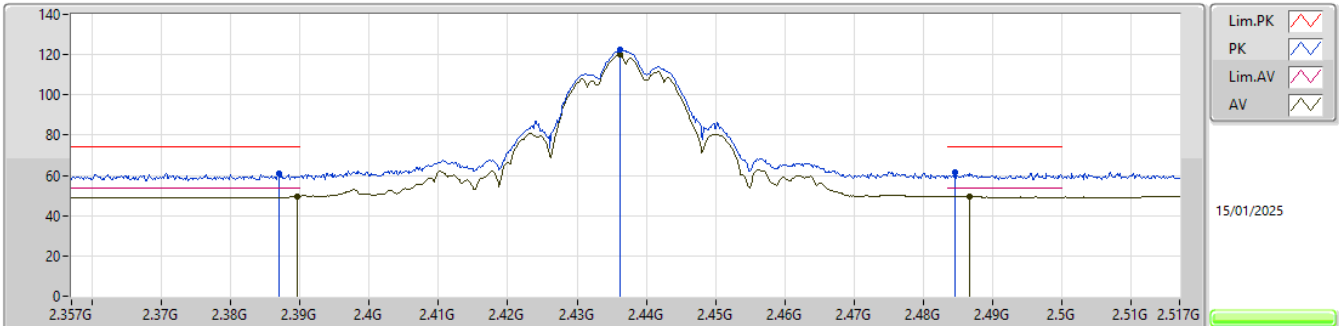


EUT_Y_2TX
SET 28
28
3.53

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	2.37924G	61.16	74.00	-12.84	28.70	3	Vertical	223	2.62	28	28.40	4.06	-				
AV	2.38996G	49.21	54.00	-4.79	16.65	3	Vertical	223	2.62	28	28.50	4.06	-				
PK	2.43796G	113.22	Inf	-Inf	80.62	3	Vertical	223	2.62	28	28.50	4.10	-				
AV	2.4378G	110.71	Inf	-Inf	78.11	3	Vertical	223	2.62	28	28.50	4.10	-				
PK	2.48756G	60.53	74.00	-13.47	27.79	3	Vertical	223	2.62	28	28.60	4.14	-				
AV	2.49124G	49.47	54.00	-4.53	16.73	3	Vertical	223	2.62	28	28.60	4.14	-				

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

2437MHz_TX

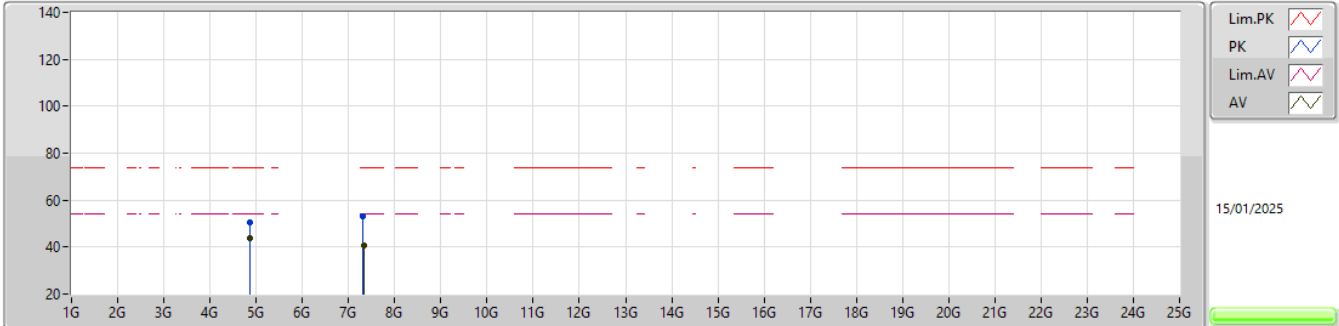


EUT_Y_2TX
SET 28
25.5\28
3.53\3.50

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	2.38692G	60.71	74.00	-13.29	28.18	3	Horizontal	26	1.22	28	28.47	4.06	-				
AV	2.38964G	49.50	54.00	-4.50	16.94	3	Horizontal	26	1.22	28	28.50	4.06	-				
PK	2.4362G	122.41	Inf	-Inf	89.81	3	Horizontal	26	1.22	28	28.50	4.10	-				
AV	2.4362G	119.92	Inf	-Inf	87.32	3	Horizontal	26	1.22	28	28.50	4.10	-				
PK	2.48452G	61.76	74.00	-12.24	29.03	3	Horizontal	26	1.22	28	28.60	4.13	-				
AV	2.48676G	49.47	54.00	-4.53	16.73	3	Horizontal	26	1.22	28	28.60	4.14	-				

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

2437MHz_TX

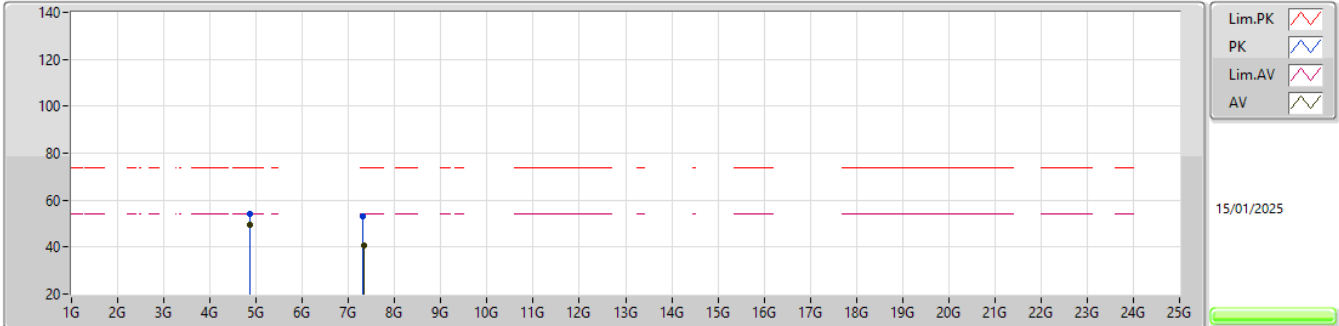


EUT_Y_2TX
SET 28
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87376G	50.71	74.00	-23.29	41.65	3	Vertical	306	1.63	28	33.25	6.81	31.00				
AV	4.874G	43.91	54.00	-10.09	34.85	3	Vertical	306	1.63	28	33.25	6.81	31.00				
PK	7.29741G	53.07	74.00	-20.93	38.74	3	Vertical	357	1.49	28	36.39	9.37	31.43				
AV	7.3309G	40.92	54.00	-13.08	26.46	3	Vertical	357	1.49	28	36.52	9.37	31.43				

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

2437MHz_TX

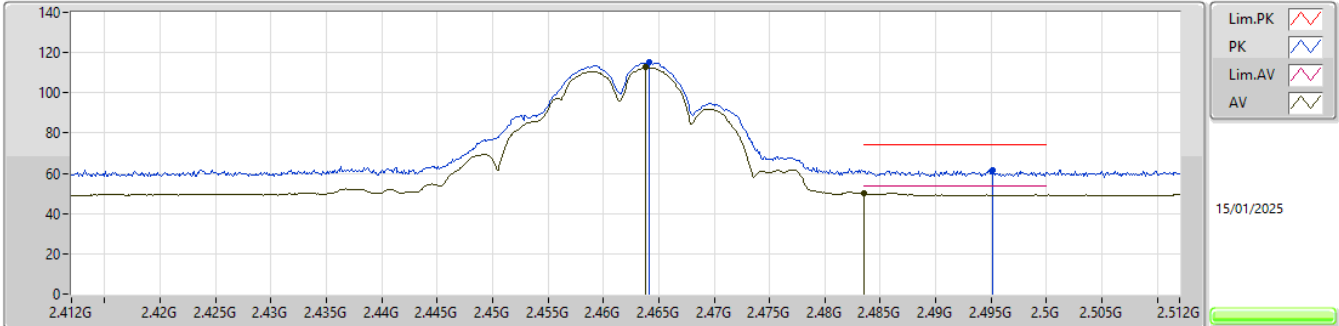


EUT_Y_2TX
SET 28
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87408G	54.07	74.00	-19.93	45.01	3	Horizontal	298	1.84	28	33.25	6.81	31.00				
AV	4.874G	49.58	54.00	-4.42	40.52	3	Horizontal	298	1.84	28	33.25	6.81	31.00				
PK	7.32103G	53.30	74.00	-20.70	38.88	3	Horizontal	360	1.80	28	36.48	9.37	31.43				
AV	7.3309G	40.76	54.00	-13.24	26.30	3	Horizontal	360	1.80	28	36.52	9.37	31.43				

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

2462MHz_TX

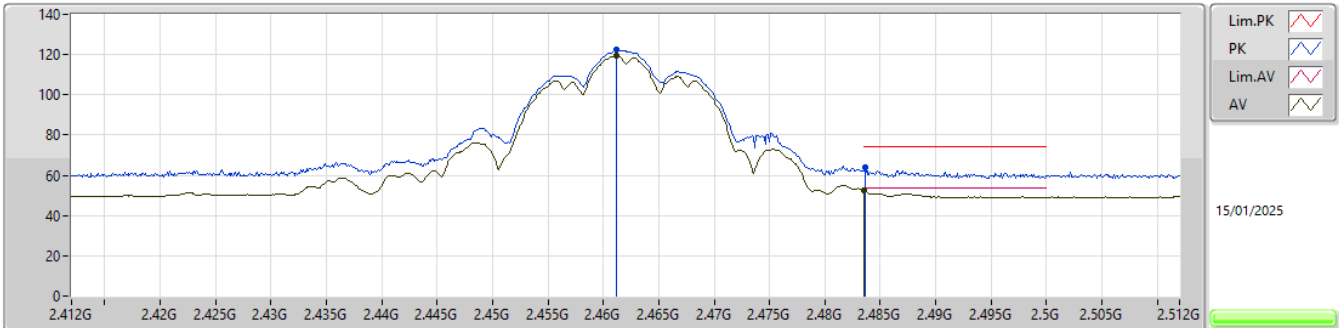


EUT_Y_2TX
SET 26
26
2.68

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	2.4641G	114.99	Inf	-Inf	82.43	3	Vertical	346	2.74	26	28.44	4.12	-				
AV	2.4638G	112.61	Inf	-Inf	80.05	3	Vertical	346	2.74	26	28.44	4.12	-				
PK	2.4951G	61.62	74.00	-12.38	28.88	3	Vertical	346	2.74	26	28.60	4.14	-				
AV	2.4835G	50.32	54.00	-3.68	17.59	3	Vertical	346	2.74	26	28.60	4.13	-				

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

2462MHz_TX

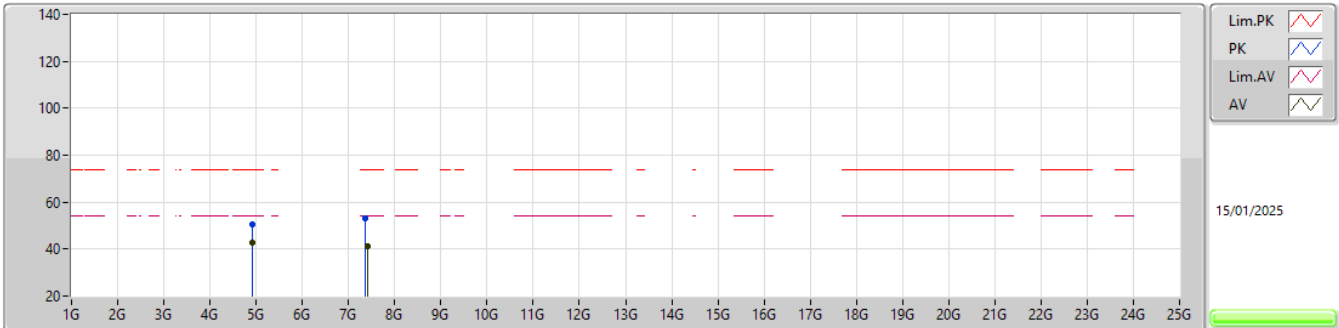


EUT_Y_2TX
SET 26
25.5\26.5\26
1.19\ -1.19\0.32

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	2.4612G	122.24	Inf	-Inf	89.71	3	Horizontal	311	2.78	26	28.41	4.12	-				
AV	2.4612G	119.77	Inf	-Inf	87.24	3	Horizontal	311	2.78	26	28.41	4.12	-				
PK	2.4836G	64.09	74.00	-9.91	31.36	3	Horizontal	311	2.78	26	28.60	4.13	-				
AV	2.4835G	52.68	54.00	-1.32	19.95	3	Horizontal	311	2.78	26	28.60	4.13	-				

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

2462MHz_TX

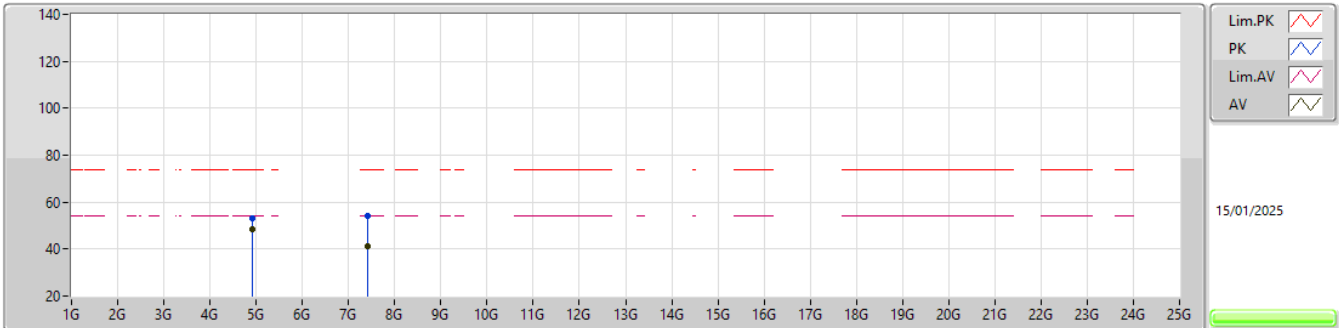


EUT_Y_2TX
SET 26
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92392G	50.58	74.00	-23.42	41.40	3	Vertical	297	1.72	26	33.35	6.84	31.01				
AV	4.92404G	42.95	54.00	-11.05	33.77	3	Vertical	297	1.72	26	33.35	6.84	31.01				
PK	7.37357G	53.23	74.00	-20.77	38.69	3	Vertical	360	1.80	26	36.60	9.37	31.43				
AV	7.40522G	41.12	54.00	-12.88	26.58	3	Vertical	360	1.80	26	36.60	9.37	31.43				

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

2462MHz_TX

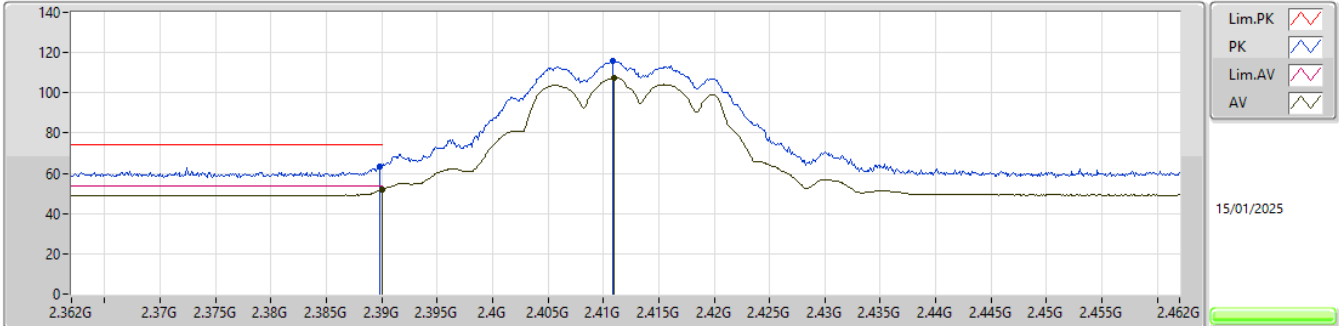


EUT_Y_2TX
SET 26
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92408G	53.11	74.00	-20.89	43.93	3	Horizontal	299	1.80	26	33.35	6.84	31.01				
AV	4.924G	48.51	54.00	-5.49	39.33	3	Horizontal	299	1.80	26	33.35	6.84	31.01				
PK	7.40514G	53.93	74.00	-20.07	39.39	3	Horizontal	321	1.80	26	36.60	9.37	31.43				
AV	7.40502G	41.12	54.00	-12.88	26.58	3	Horizontal	321	1.80	26	36.60	9.37	31.43				

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

2412MHz_TX

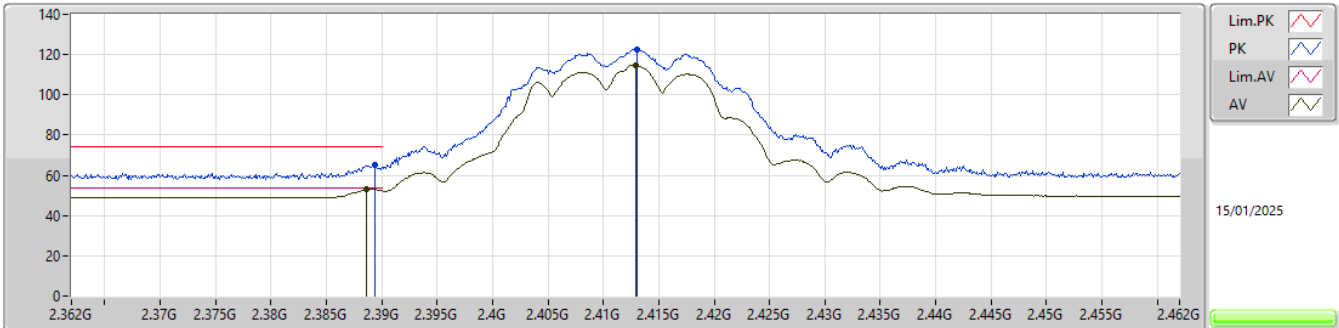


EUT_Y_2TX
SET 23.5
23.5
1.00

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	63.39	74.00	-10.61	30.83	3	Vertical	354	2.89	23.5	28.50	4.06	-				
AV	2.39G	52.00	54.00	-2.00	19.44	3	Vertical	354	2.89	23.5	28.50	4.06	-				
PK	2.4109G	115.63	Inf	-Inf	83.15	3	Vertical	354	2.89	23.5	28.40	4.08	-				
AV	2.411G	107.48	Inf	-Inf	75.00	3	Vertical	354	2.89	23.5	28.40	4.08	-				

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

2412MHz_TX

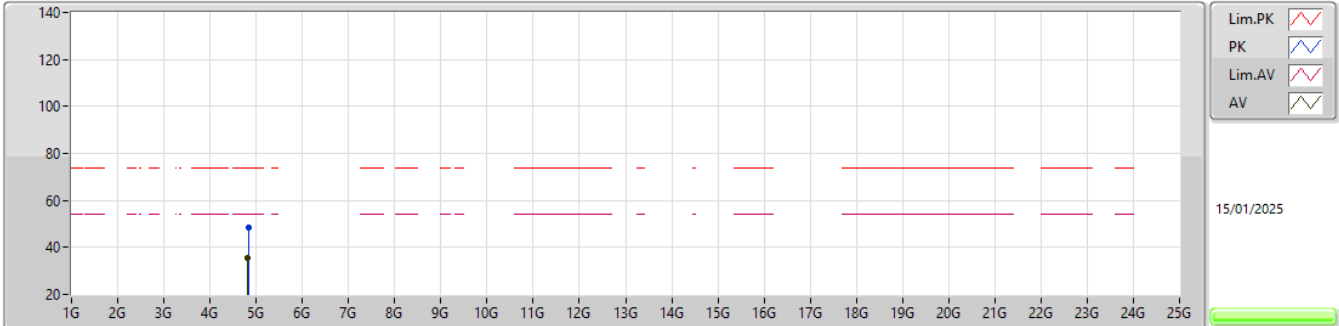


EUT_Y_2TX
SET 23.5
23\23.5
0.80\0.18

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3894G	64.97	74.00	-9.03	32.42	3	Horizontal	332	2.10	23.5	28.49	4.06	-				
AV	2.3886G	52.82	54.00	-1.18	20.27	3	Horizontal	332	2.10	23.5	28.49	4.06	-				
PK	2.413G	122.71	Inf	-Inf	90.23	3	Horizontal	332	2.10	23.5	28.40	4.08	-				
AV	2.4129G	114.89	Inf	-Inf	82.41	3	Horizontal	332	2.10	23.5	28.40	4.08	-				

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

2412MHz_TX

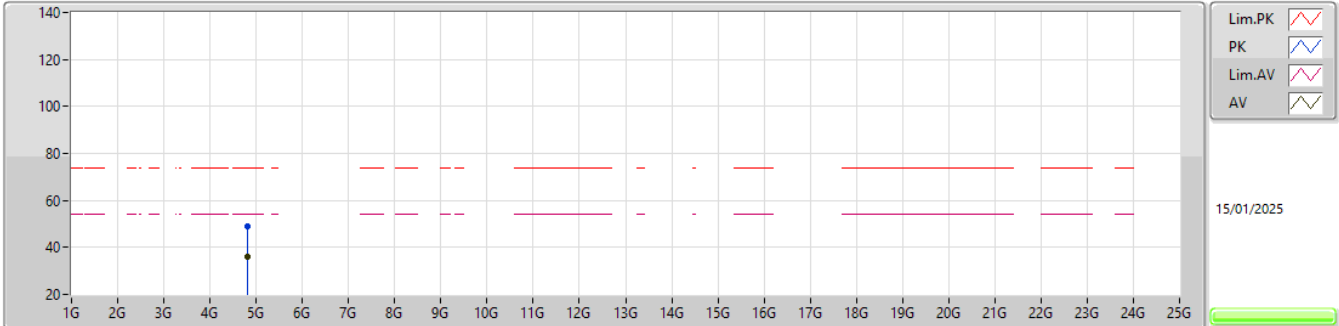


EUT_Y_2TX
SET 23.5
02-R-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.83119G	48.39	74.00	-25.61	39.44	3	Vertical	238	1.80	23.5	33.16	6.79	31.00			
AV	4.82436G	35.58	54.00	-18.42	26.65	3	Vertical	238	1.80	23.5	33.15	6.78	31.00			

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

2412MHz_TX

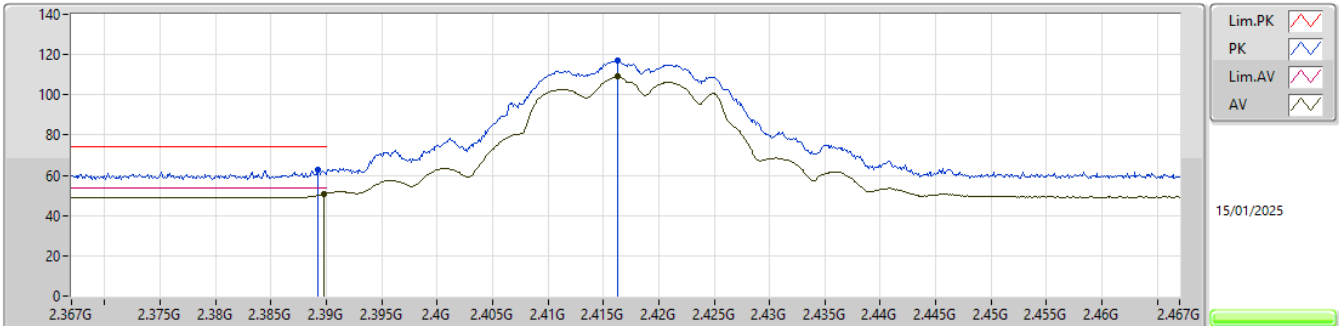


EUT_Y_2TX
SET 23.5
02-R-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)				
PK	4.82392G	48.77	74.00	-25.23	39.84	3	Horizontal	34	1.80	23.5	33.15	6.78	31.00				
AV	4.82408G	35.93	54.00	-18.07	27.00	3	Horizontal	34	1.80	23.5	33.15	6.78	31.00				

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

2417MHz_TX

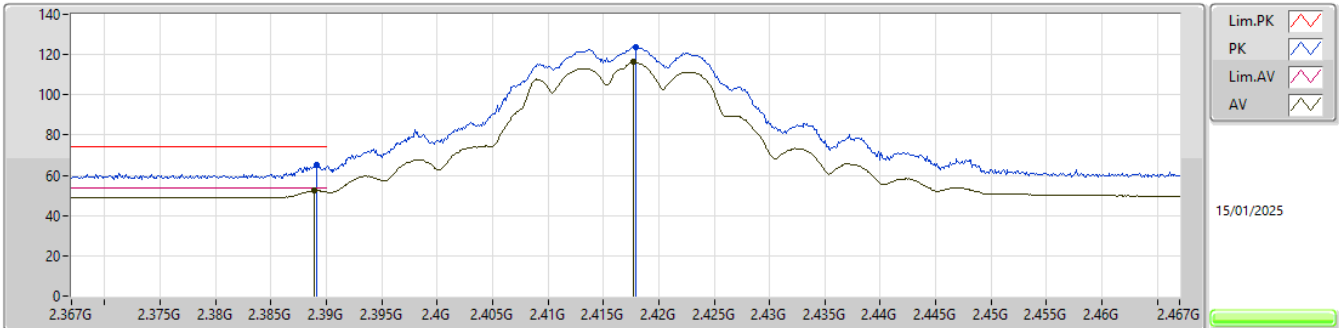


EUT Y_2TX
SET 24.5
24.5
2.16

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	62.52	74.00	-11.48	29.97	3	Vertical	343	2.92	24.5	28.49	4.06	-			
AV	2.3898G	50.84	54.00	-3.16	18.28	3	Vertical	343	2.92	24.5	28.50	4.06	-			
PK	2.4163G	116.91	Inf	-Inf	84.43	3	Vertical	343	2.92	24.5	28.40	4.08	-			
AV	2.4163G	108.97	Inf	-Inf	76.49	3	Vertical	343	2.92	24.5	28.40	4.08	-			

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

2417MHz_TX

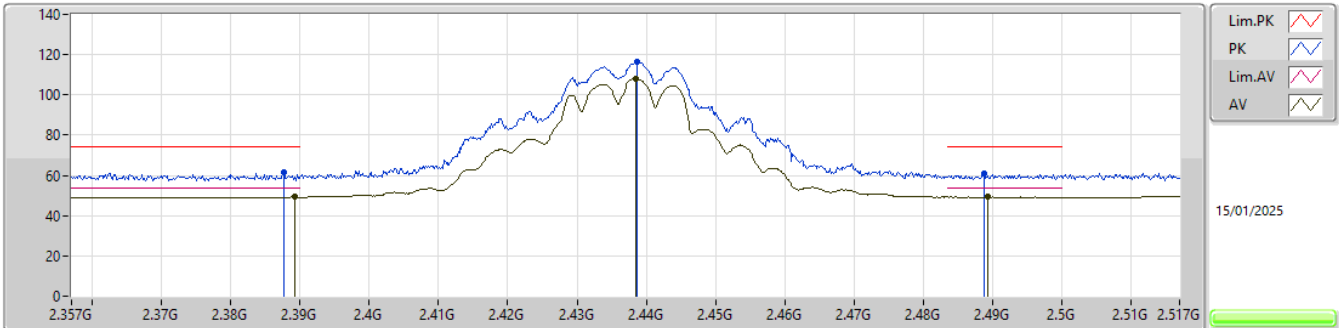


EUT_Y_2TX
SET 24.5
23\25\24\24.5
2.17\0.01\1.44\0.59

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	2.3891G	65.25	74.00	-8.75	32.70	3	Horizontal	322	2.85	24.5	28.49	4.06	-			
AV	2.3889G	52.41	54.00	-1.59	19.86	3	Horizontal	322	2.85	24.5	28.49	4.06	-			
PK	2.4179G	124.00	Inf	-Inf	91.52	3	Horizontal	322	2.85	24.5	28.40	4.08	-			
AV	2.4177G	116.18	Inf	-Inf	83.70	3	Horizontal	322	2.85	24.5	28.40	4.08	-			

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

2437MHz_TX

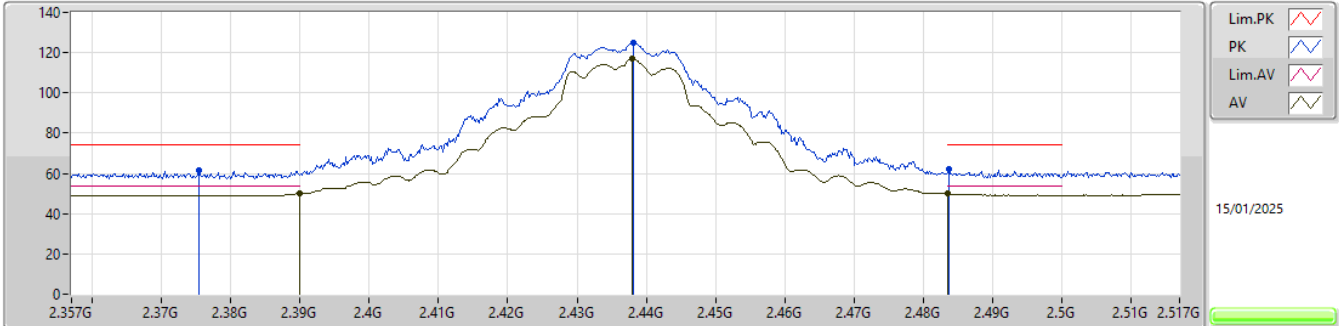


EUT_Y_2TX
SET 28
28
3.53

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	2.38772G	61.34	74.00	-12.66	28.80	3	Vertical	211	1.84	28	28.48	4.06	-				
AV	2.38916G	49.20	54.00	-4.80	16.65	3	Vertical	211	1.84	28	28.49	4.06	-				
PK	2.4386G	116.17	Inf	-Inf	83.57	3	Vertical	211	1.84	28	28.50	4.10	-				
AV	2.43844G	108.17	Inf	-Inf	75.57	3	Vertical	211	1.84	28	28.50	4.10	-				
PK	2.48884G	60.69	74.00	-13.31	27.95	3	Vertical	211	1.84	28	28.60	4.14	-				
AV	2.48932G	49.47	54.00	-4.53	16.73	3	Vertical	211	1.84	28	28.60	4.14	-				

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

2437MHz_TX

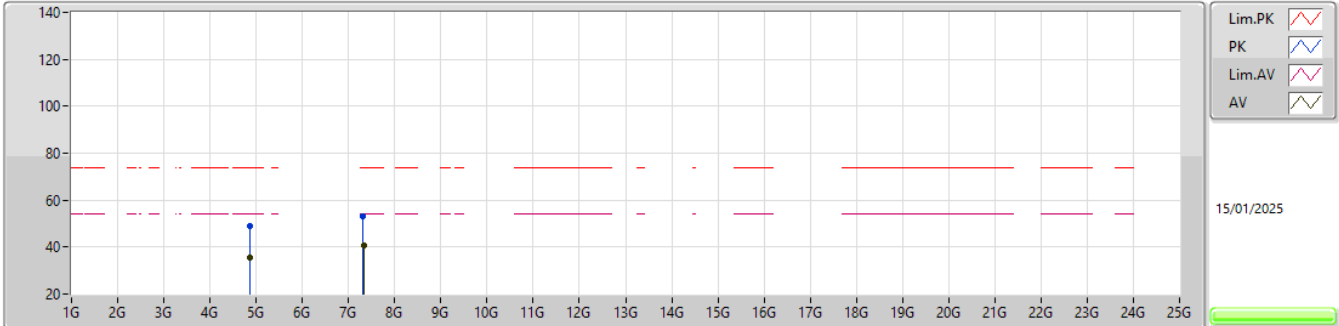


EUT_Y_2TX
SET 28
23\26.5\28
3.53\3.21\2.94

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	2.3754G	61.43	74.00	-12.57	28.98	3	Horizontal	30	2.49	28	28.40	4.05	-				
AV	2.38996G	50.06	54.00	-3.94	17.50	3	Horizontal	30	2.49	28	28.50	4.06	-				
PK	2.43812G	125.12	Inf	-Inf	92.52	3	Horizontal	30	2.49	28	28.50	4.10	-				
AV	2.43796G	116.85	Inf	-Inf	84.25	3	Horizontal	30	2.49	28	28.50	4.10	-				
PK	2.48372G	61.97	74.00	-12.03	29.24	3	Horizontal	30	2.49	28	28.60	4.13	-				
AV	2.4835G	50.04	54.00	-3.96	17.31	3	Horizontal	30	2.49	28	28.60	4.13	-				

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

2437MHz_TX

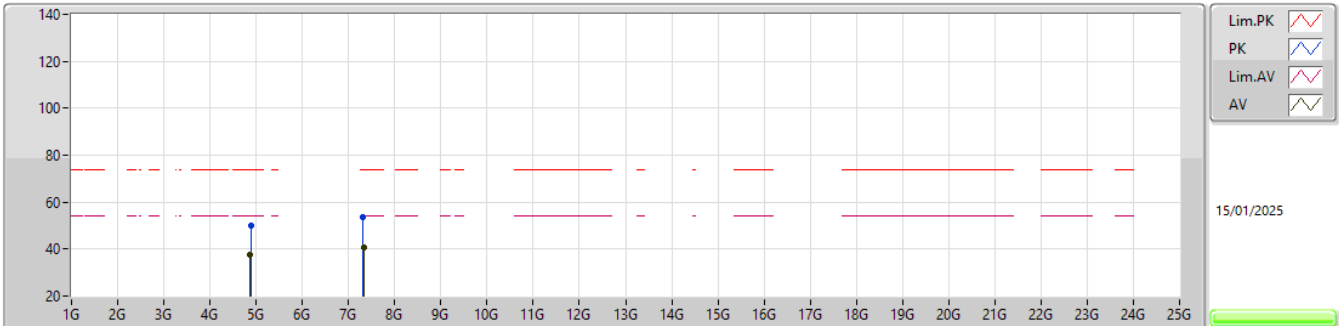


EUT_Y_2TX
SET 28
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87324G	48.99	74.00	-25.01	39.93	3	Vertical	333	1.80	28	33.25	6.81	31.00				
AV	4.875G	35.62	54.00	-18.38	26.56	3	Vertical	333	1.80	28	33.25	6.81	31.00				
PK	7.31344G	53.20	74.00	-20.80	38.81	3	Vertical	335	1.80	28	36.45	9.37	31.43				
AV	7.32982G	40.51	54.00	-13.49	26.05	3	Vertical	335	1.80	28	36.52	9.37	31.43				

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

2437MHz_TX

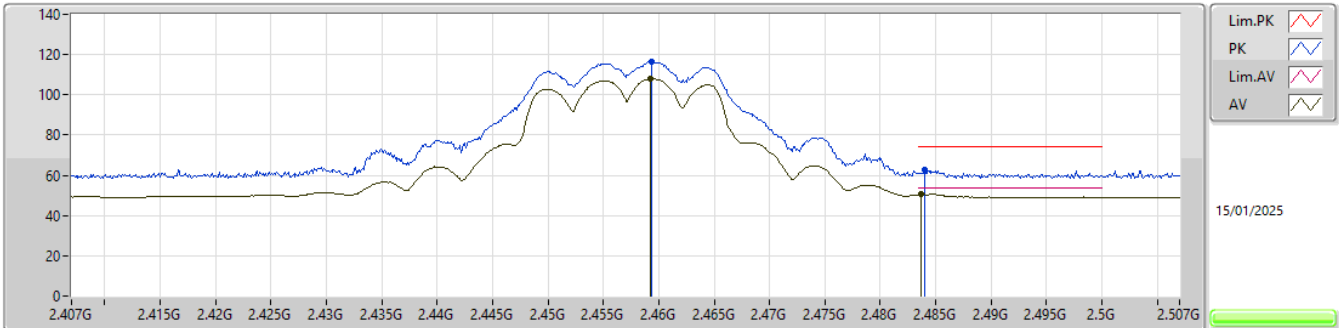


EUT_Y_2TX
SET 28
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87776G	49.92	74.00	-24.08	40.85	3	Horizontal	285	1.74	28	33.26	6.81	31.00				
AV	4.87284G	37.84	54.00	-16.16	28.78	3	Horizontal	285	1.74	28	33.25	6.81	31.00				
PK	7.30752G	53.37	74.00	-20.63	39.00	3	Horizontal	13	1.51	28	36.43	9.37	31.43				
AV	7.33094G	40.52	54.00	-13.48	26.06	3	Horizontal	13	1.51	28	36.52	9.37	31.43				

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

2457MHz_TX

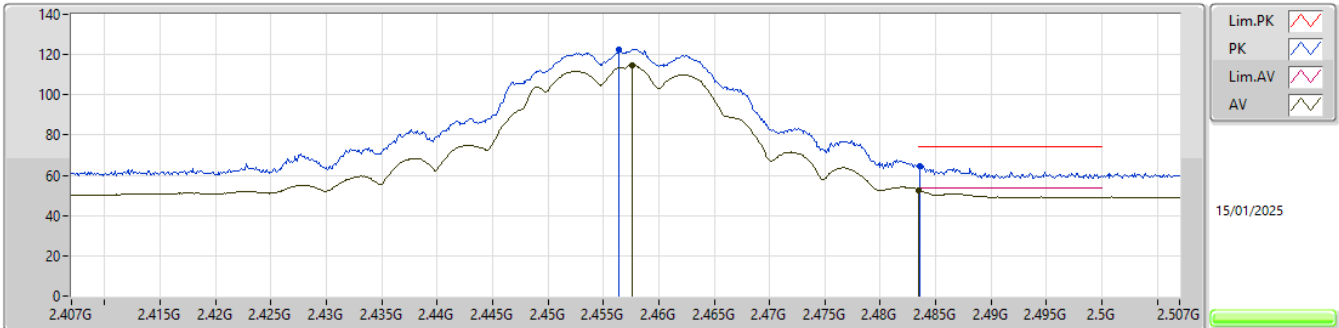


EUT_Y_2TX
SET 24
24
2.42

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	2.4594G	116.45	Inf	-Inf	83.93	3	Vertical	338	2.74	24	28.41	4.11	-			
AV	2.4593G	107.98	Inf	-Inf	75.46	3	Vertical	338	2.74	24	28.41	4.11	-			
PK	2.484G	62.65	74.00	-11.35	29.92	3	Vertical	338	2.74	24	28.60	4.13	-			
AV	2.4837G	50.58	54.00	-3.42	17.85	3	Vertical	338	2.74	24	28.60	4.13	-			

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

2457MHz_TX

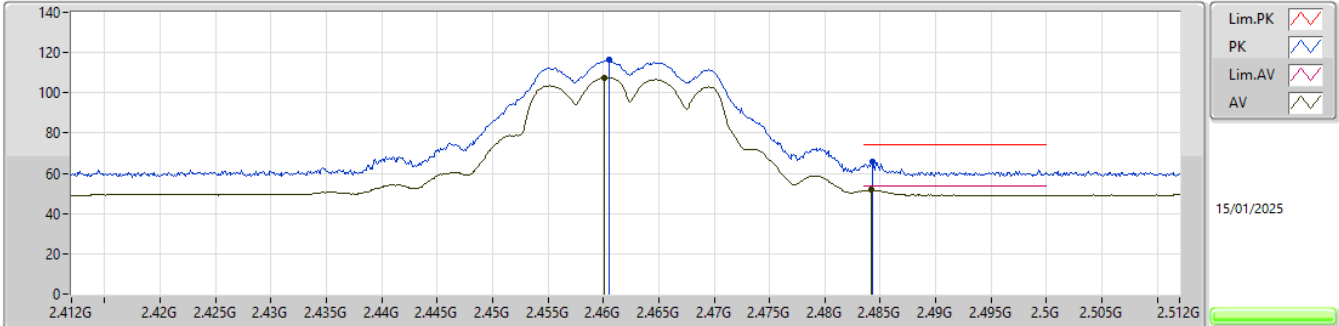


EUT_Y_2TX
SET 24
23\24.5\24
1.91\ -0.66\0.53

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	2.4564G	122.57	Inf	-Inf	90.02	3	Horizontal	322	2.31	24	28.44	4.11	-				
AV	2.4576G	114.79	Inf	-Inf	82.26	3	Horizontal	322	2.31	24	28.42	4.11	-				
PK	2.4836G	64.42	74.00	-9.58	31.69	3	Horizontal	322	2.31	24	28.60	4.13	-				
AV	2.4835G	52.47	54.00	-1.53	19.74	3	Horizontal	322	2.31	24	28.60	4.13	-				

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

2462MHz_TX

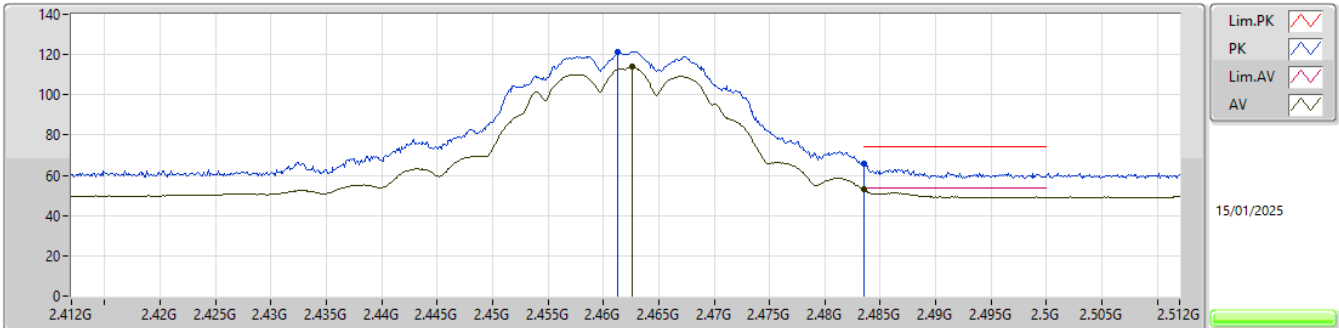


EUT_Y_2TX
SET 23
23
1.19

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	2.4605G	116.18	Inf	-Inf	83.65	3	Vertical	344	2.75	23	28.41	4.12	-				
AV	2.4601G	107.69	Inf	-Inf	75.17	3	Vertical	344	2.75	23	28.40	4.12	-				
PK	2.4843G	65.84	74.00	-8.16	33.11	3	Vertical	344	2.75	23	28.60	4.13	-				
AV	2.4842G	51.81	54.00	-2.19	19.08	3	Vertical	344	2.75	23	28.60	4.13	-				

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

2462MHz_TX

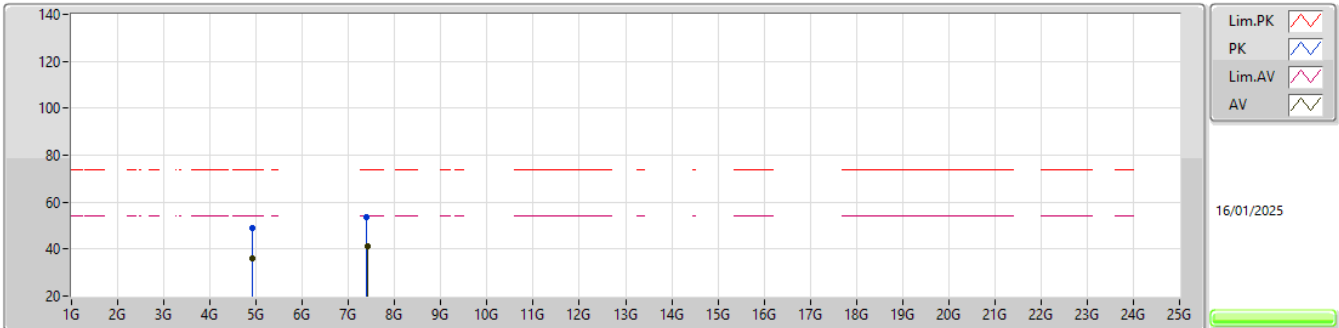


EUT_Y_2TX
SET 23
27\17\22\24.5\23.5\23
-14.60\3.53\1.66\4.83\1.36\0.12

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	2.4613G	121.59	Inf	-Inf	89.06	3	Horizontal	309	2.78	23	28.41	4.12	-			
AV	2.4626G	113.83	Inf	-Inf	81.28	3	Horizontal	309	2.78	23	28.43	4.12	-			
PK	2.4835G	65.61	74.00	-8.39	32.88	3	Horizontal	309	2.78	23	28.60	4.13	-			
AV	2.4835G	52.88	54.00	-1.12	20.15	3	Horizontal	309	2.78	23	28.60	4.13	-			

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

2462MHz_TX

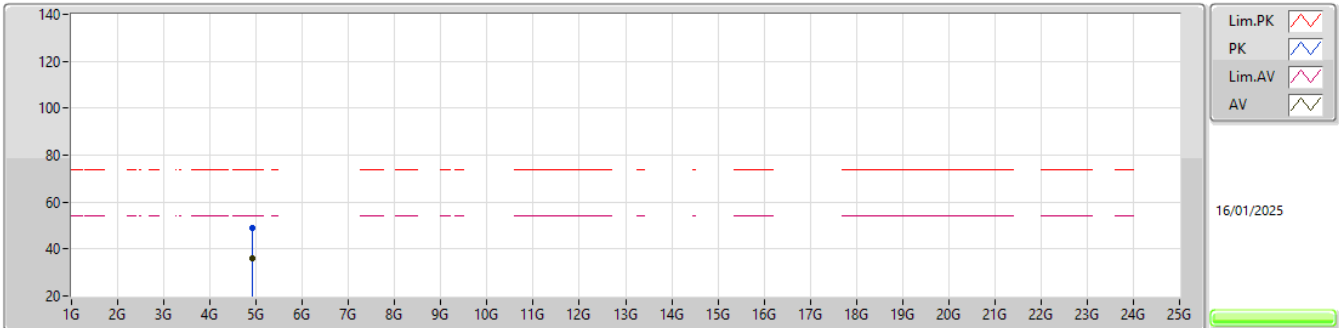


EUT_Y_2TX
SET 23
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92592G	48.72	74.00	-25.28	39.54	3	Vertical	268	1.06	23	33.35	6.84	31.01				
AV	4.92616G	35.86	54.00	-18.14	26.68	3	Vertical	268	1.06	23	33.35	6.84	31.01				
PK	7.39215G	53.43	74.00	-20.57	38.89	3	Vertical	360	1.80	23	36.60	9.37	31.43				
AV	7.4057G	40.96	54.00	-13.04	26.42	3	Vertical	360	1.80	23	36.60	9.37	31.43				

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

2462MHz_TX

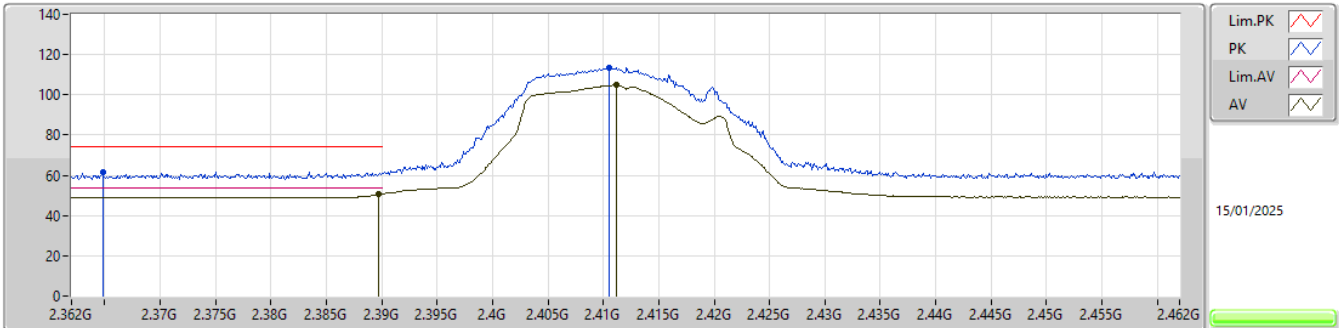


EUT_Y_2TX
SET 23
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92476G	48.83	74.00	-25.17	39.65	3	Horizontal	71	2.95	23	33.35	6.84	31.01				
AV	4.92464G	36.09	54.00	-17.91	26.91	3	Horizontal	71	2.95	23	33.35	6.84	31.01				
PK	7.386G	0.00	74.00	-74.00	-14.54	3	Horizontal	360	1.80	-	36.60	9.37	31.43				

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

2412MHz_TX

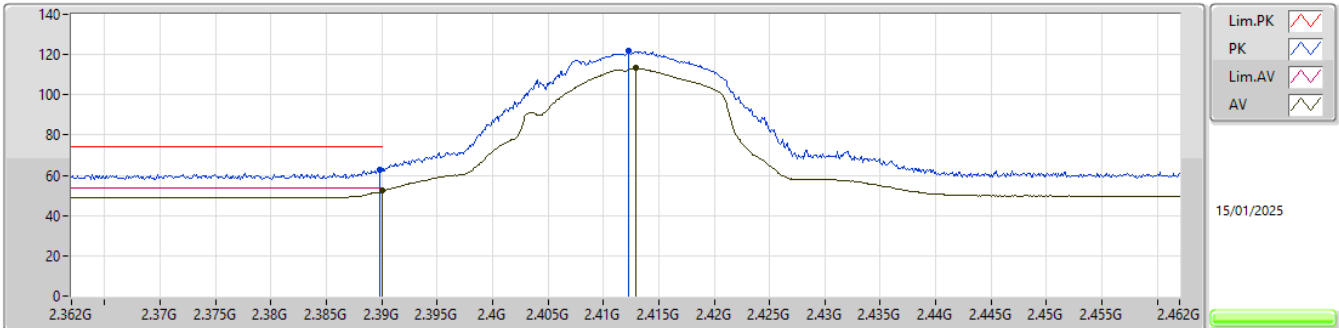


EUT_Y_2TX
SET 22
22
2.41

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	2.3648G	61.47	74.00	-12.53	29.02	3	Vertical	356	2.90	22	28.40	4.05	-			
AV	2.3897G	50.59	54.00	-3.41	18.03	3	Vertical	356	2.90	22	28.50	4.06	-			
PK	2.4105G	113.32	Inf	-Inf	80.84	3	Vertical	356	2.90	22	28.40	4.08	-			
AV	2.4112G	104.79	Inf	-Inf	72.31	3	Vertical	356	2.90	22	28.40	4.08	-			

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

2412MHz_TX

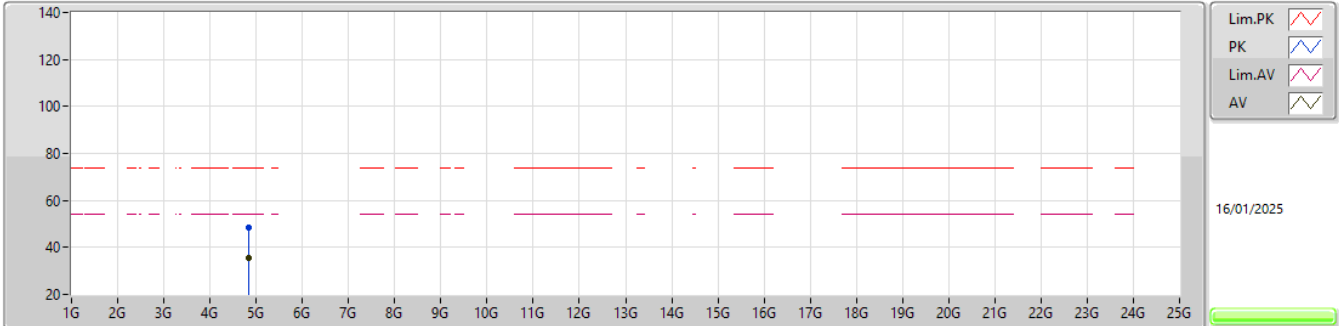


EUT_Y_2TX
SET 22
23.5\20.5\22\22.5\22
-2.81\2.16\0.78\0.02\0.78

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	2.3898G	62.78	74.00	-11.22	30.22	3	Horizontal	320	2.10	22	28.50	4.06	-				
AV	2.39G	52.22	54.00	-1.78	19.66	3	Horizontal	320	2.10	22	28.50	4.06	-				
PK	2.4123G	121.61	Inf	-Inf	89.13	3	Horizontal	320	2.10	22	28.40	4.08	-				
AV	2.4129G	113.21	Inf	-Inf	80.73	3	Horizontal	320	2.10	22	28.40	4.08	-				

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

2412MHz_TX

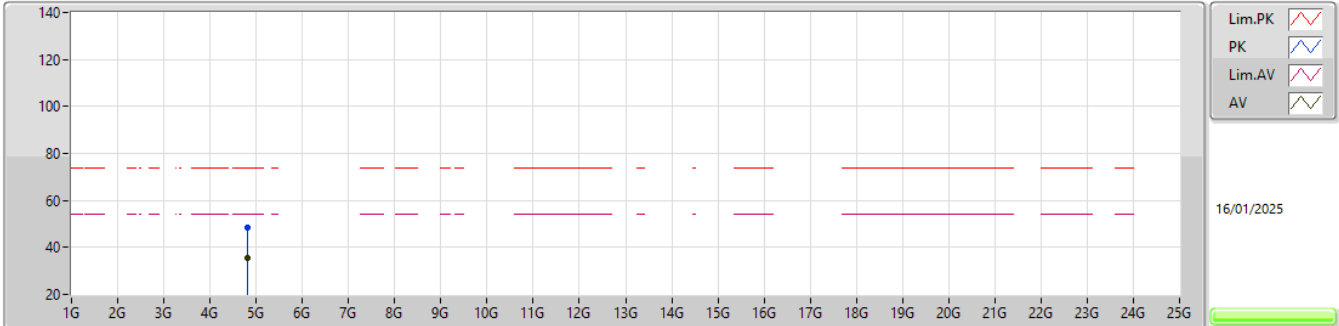


EUT_Y_2TX
SET 22
02-R-J-8

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA			
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)			
PK	4.83966G	48.44	74.00	-25.56	39.47	3	Vertical	309	1.53	22	33.18	6.79	31.00			
AV	4.82508G	35.70	54.00	-18.30	26.77	3	Vertical	309	1.53	22	33.15	6.78	31.00			

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

2412MHz_TX

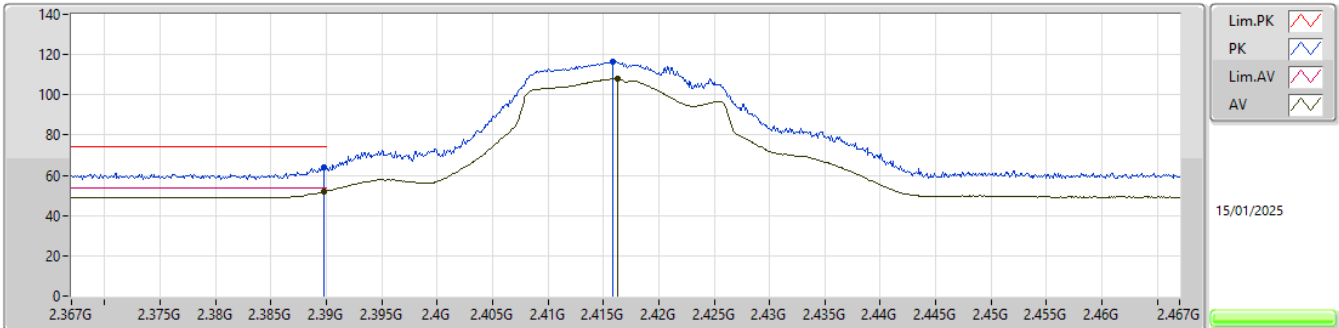


EUT_Y_2TX
SET 22
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.81853G	48.40	74.00	-25.60	39.48	3	Horizontal	238	1.80	22	33.14	6.78	31.00			
AV	4.82344G	35.70	54.00	-18.30	26.77	3	Horizontal	238	1.80	22	33.15	6.78	31.00			

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

2417MHz_TX

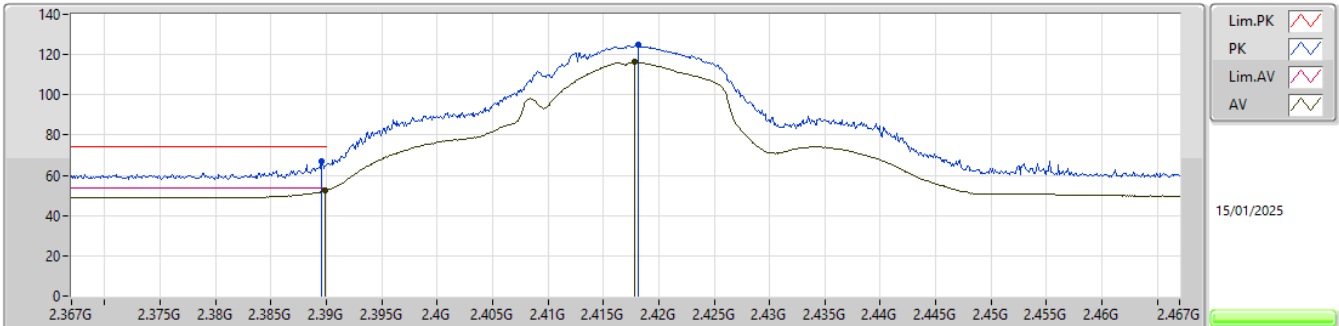


EUT_Y_2TX
SET 25
25.5\25
-0.22\1.00

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	63.67	74.00	-10.33	31.11	3	Vertical	342	2.91	25	28.50	4.06	-			
AV	2.3898G	52.00	54.00	-2.00	19.44	3	Vertical	342	2.91	25	28.50	4.06	-			
PK	2.4159G	116.60	Inf	-Inf	84.12	3	Vertical	342	2.91	25	28.40	4.08	-			
AV	2.4163G	107.90	Inf	-Inf	75.42	3	Vertical	342	2.91	25	28.40	4.08	-			

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

2417MHz_TX

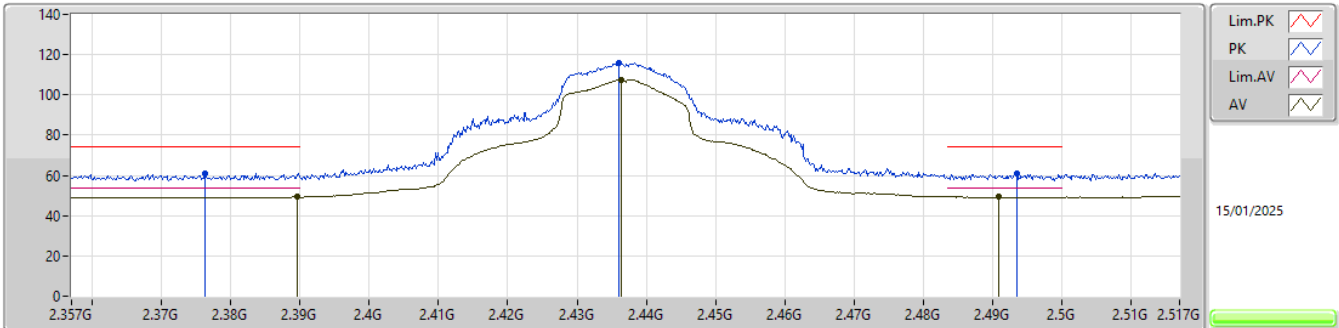


EUT_Y_2TX
SET 25.5
24.5\26\25.5
1.68\ -0.02\0.37

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	66.73	74.00	-7.27	34.17	3	Horizontal	326	2.12	25.5	28.50	4.06	-			
AV	2.3899G	52.63	54.00	-1.37	20.07	3	Horizontal	326	2.12	25.5	28.50	4.06	-			
PK	2.4181G	124.78	Inf	-Inf	92.30	3	Horizontal	326	2.12	25.5	28.40	4.08	-			
AV	2.4178G	116.35	Inf	-Inf	83.87	3	Horizontal	326	2.12	25.5	28.40	4.08	-			

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

2437MHz_TX

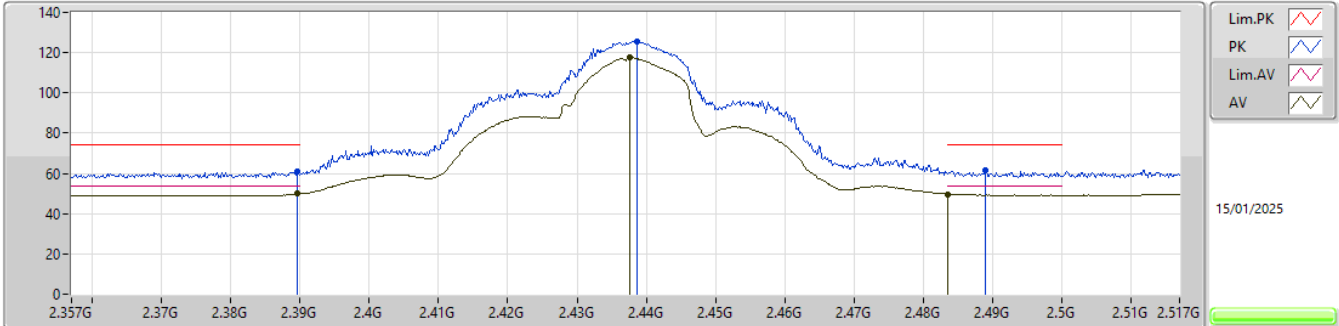


EUT_Y_2TX
SET 28
28
3.53

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	2.3762G	60.99	74.00	-13.01	28.54	3	Vertical	201	1.84	28	28.40	4.05	-				
AV	2.38964G	49.21	54.00	-4.79	16.65	3	Vertical	201	1.84	28	28.50	4.06	-				
PK	2.43604G	115.70	Inf	-Inf	83.10	3	Vertical	201	1.84	28	28.50	4.10	-				
AV	2.43636G	107.62	Inf	-Inf	75.02	3	Vertical	201	1.84	28	28.50	4.10	-				
PK	2.49348G	60.85	74.00	-13.15	28.11	3	Vertical	201	1.84	28	28.60	4.14	-				
AV	2.49092G	49.47	54.00	-4.53	16.73	3	Vertical	201	1.84	28	28.60	4.14	-				

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

2437MHz_TX

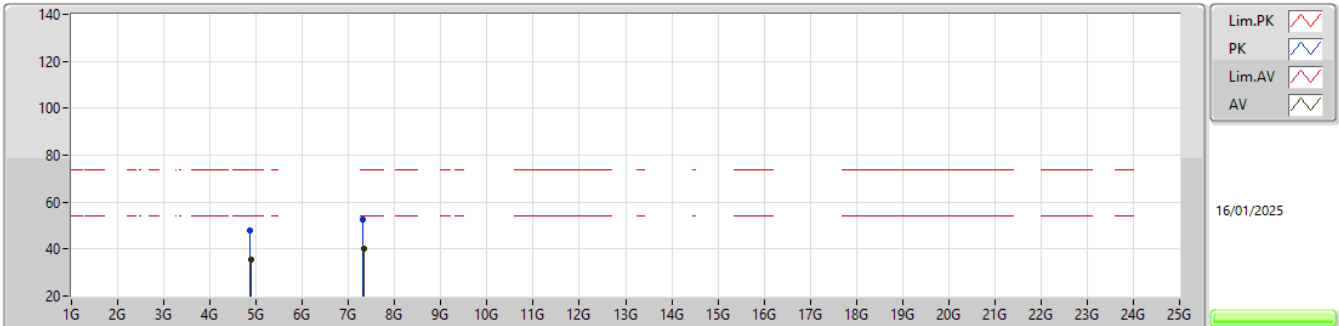


EUT_Y_2TX
SET 28
28
3.21

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	2.38964G	60.75	74.00	-13.25	28.19	3	Horizontal	312	2.83	28	28.50	4.06	-				
AV	2.38964G	49.79	54.00	-4.21	17.23	3	Horizontal	312	2.83	28	28.50	4.06	-				
PK	2.4386G	125.60	Inf	-Inf	93.00	3	Horizontal	312	2.83	28	28.50	4.10	-				
AV	2.43764G	117.52	Inf	-Inf	84.92	3	Horizontal	312	2.83	28	28.50	4.10	-				
PK	2.489G	61.62	74.00	-12.38	28.88	3	Horizontal	312	2.83	28	28.60	4.14	-				
AV	2.4835G	49.76	54.00	-4.24	17.03	3	Horizontal	312	2.83	28	28.60	4.13	-				

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

2437MHz_TX

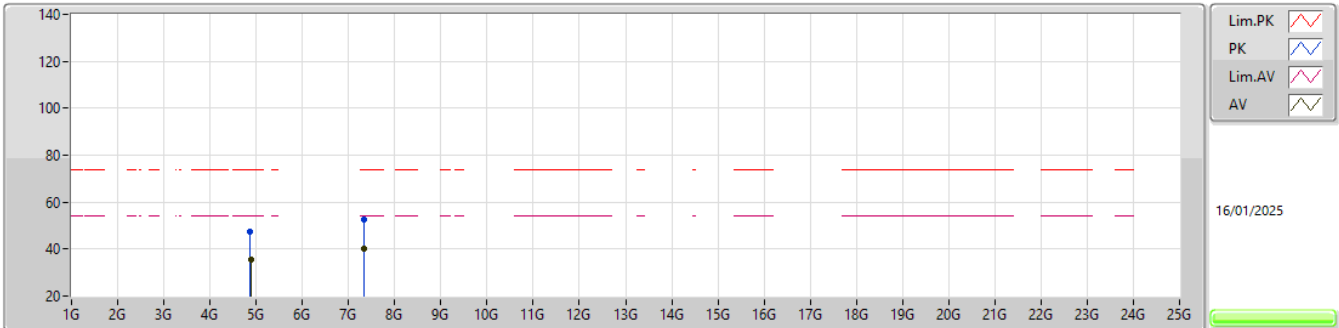


EUT_Y_2TX
Setting 28
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.86947G	48.02	74.00	-25.98	38.97	3	Vertical	197	2.52	-	33.24	6.81	31.00				
AV	4.88816G	35.46	54.00	-18.54	26.36	3	Vertical	197	2.52	-	33.28	6.82	31.00				
PK	7.30494G	52.54	74.00	-21.46	38.18	3	Vertical	72	2.87	-	36.42	9.37	31.43				
AV	7.32549G	40.22	54.00	-13.78	25.78	3	Vertical	72	2.87	-	36.50	9.37	31.43				

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

2437MHz_TX

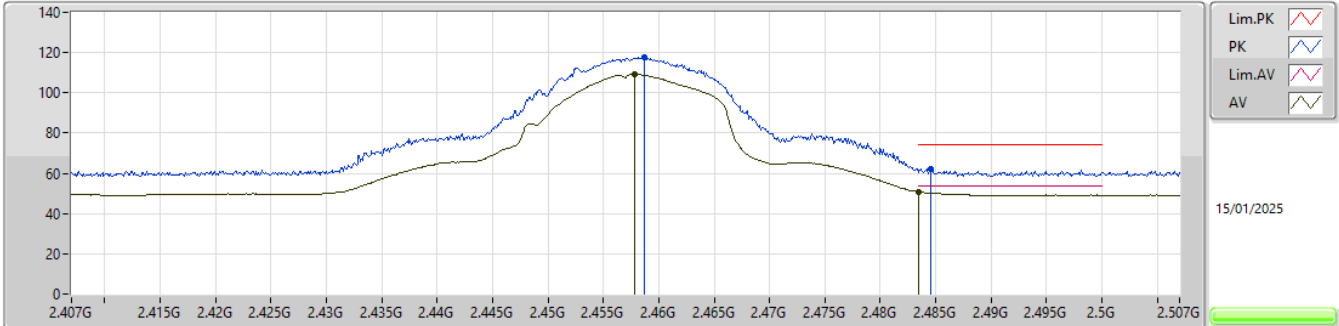


EUT_Y_2TX
Setting 28
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87688G	47.54	74.00	-26.46	38.48	3	Horizontal	26	2.56	-	33.25	6.81	31.00				
AV	4.88789G	35.45	54.00	-18.55	26.35	3	Horizontal	26	2.56	-	33.28	6.82	31.00				
PK	7.32234G	52.47	74.00	-21.53	38.04	3	Horizontal	91	1.90	-	36.49	9.37	31.43				
AV	7.32528G	40.22	54.00	-13.78	25.78	3	Horizontal	91	1.90	-	36.50	9.37	31.43				

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

2457MHz_TX

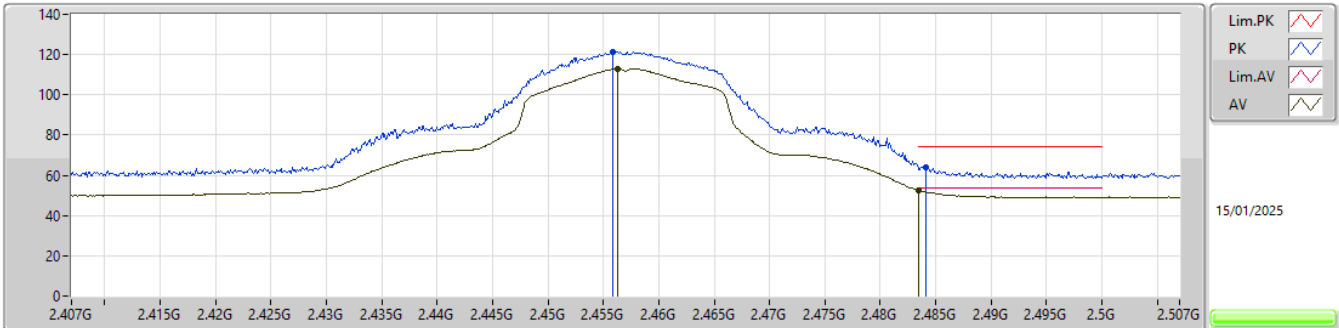


EUT_Y_2TX
SET 24
24
2.16

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	2.4587G	117.57	Inf	-Inf	85.05	3	Vertical	340	2.74	24	28.41	4.11	-				
AV	2.4578G	109.33	Inf	-Inf	76.80	3	Vertical	340	2.74	24	28.42	4.11	-				
PK	2.4845G	62.11	74.00	-11.89	29.38	3	Vertical	340	2.74	24	28.60	4.13	-				
AV	2.4835G	50.84	54.00	-3.16	18.11	3	Vertical	340	2.74	24	28.60	4.13	-				

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

2457MHz_TX

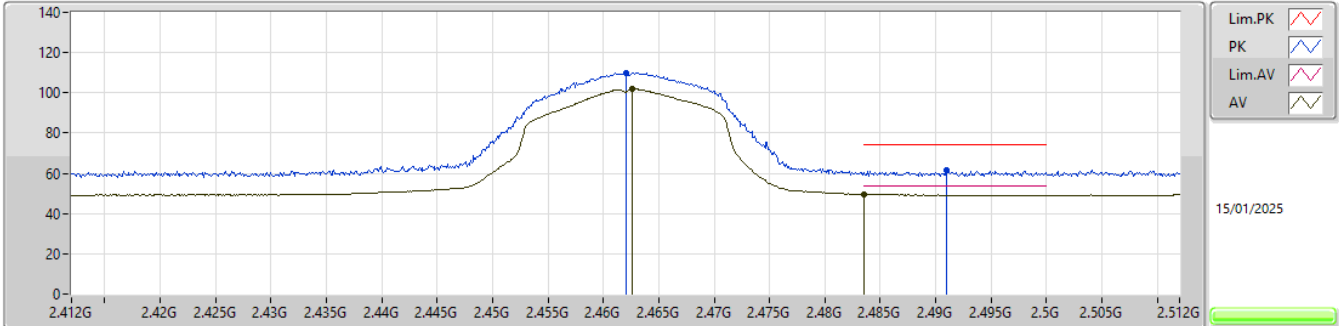


EUT_Y_2TX
SET 24
24\24.5\24
0.53\0.28\0.75

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	2.4559G	121.30	Inf	-Inf	88.75	3	Horizontal	12	2.04	24	28.44	4.11	-				
AV	2.4563G	113.07	Inf	-Inf	80.52	3	Horizontal	12	2.04	24	28.44	4.11	-				
PK	2.4841G	64.09	74.00	-9.91	31.36	3	Horizontal	12	2.04	24	28.60	4.13	-				
AV	2.4835G	52.25	54.00	-1.75	19.52	3	Horizontal	12	2.04	24	28.60	4.13	-				

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

2462MHz_TX

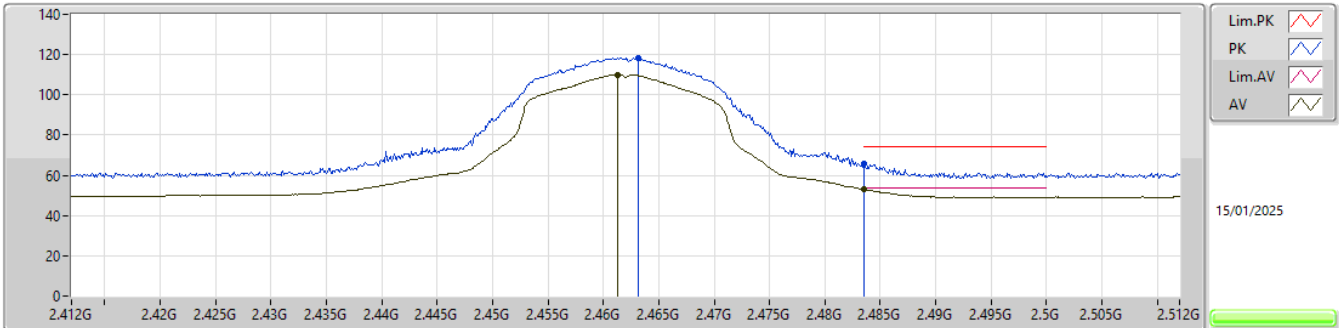


EUT_Y_2TX
SET 21.5
21.5
3.24

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	2.462G	110.12	Inf	-Inf	77.58	3	Vertical	222	1.77	21.5	28.42	4.12	-			
AV	2.4626G	101.85	Inf	-Inf	69.30	3	Vertical	222	1.77	21.5	28.43	4.12	-			
PK	2.491G	61.55	74.00	-12.45	28.81	3	Vertical	222	1.77	21.5	28.60	4.14	-			
AV	2.4835G	49.76	54.00	-4.24	17.03	3	Vertical	222	1.77	21.5	28.60	4.13	-			

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

2462MHz_TX

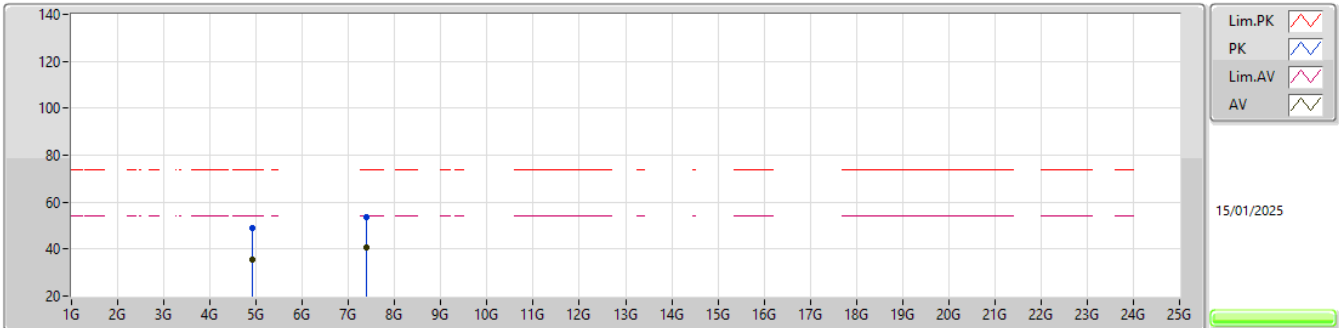


EUT_Y_2TX
SET 21.5
23\18.5\20.5\21.5
-4.48\2.68\1.42\0.12

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	2.4632G	118.33	Inf	-Inf	85.78	3	Horizontal	5	2.50	21.5	28.43	4.12	-				
AV	2.4613G	110.06	Inf	-Inf	77.53	3	Horizontal	5	2.50	21.5	28.41	4.12	-				
PK	2.4835G	66.07	74.00	-7.93	33.34	3	Horizontal	5	2.50	21.5	28.60	4.13	-				
AV	2.4835G	52.88	54.00	-1.12	20.15	3	Horizontal	5	2.50	21.5	28.60	4.13	-				

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

2462MHz_TX

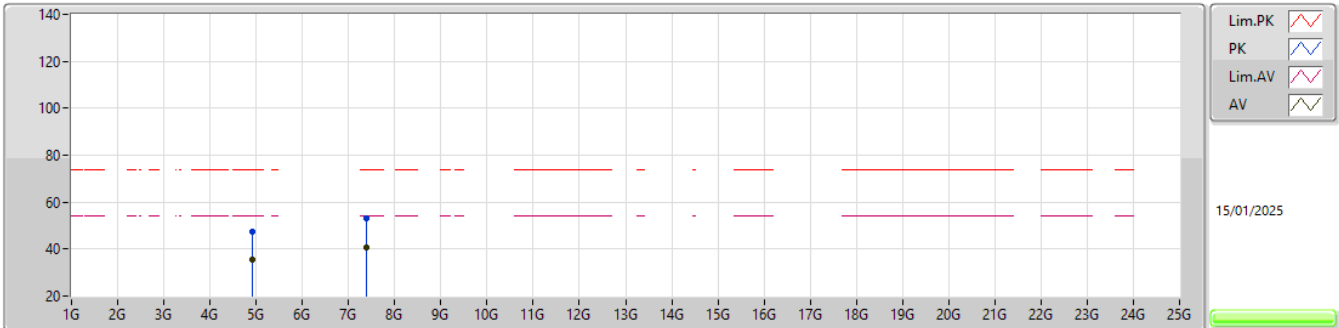


EUT_Y_2TX
Setting 21.5
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	4.92406G	49.02	74.00	-24.98	39.84	3	Vertical	233	2.00	-	33.35	6.84	31.01			
AV	4.91777G	35.70	54.00	-18.30	26.54	3	Vertical	233	2.00	-	33.34	6.83	31.01			
PK	7.38548G	53.56	74.00	-20.44	39.02	3	Vertical	154	1.19	-	36.60	9.37	31.43			
AV	7.38882G	40.67	54.00	-13.33	26.13	3	Vertical	154	1.19	-	36.60	9.37	31.43			

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

2462MHz_TX

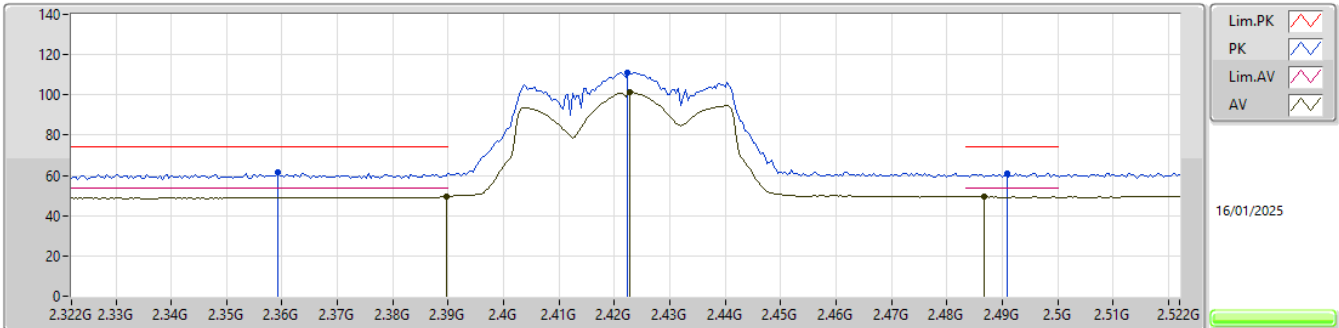


EUT_Y_2TX
Setting 21.5
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.92214G	47.66	74.00	-26.34	38.49	3	Horizontal	211	2.89	-	33.34	6.84	31.01				
AV	4.92636G	35.62	54.00	-18.38	26.44	3	Horizontal	211	2.89	-	33.35	6.84	31.01				
PK	7.39066G	53.27	74.00	-20.73	38.73	3	Horizontal	307	2.40	-	36.60	9.37	31.43				
AV	7.38874G	40.67	54.00	-13.33	26.13	3	Horizontal	307	2.40	-	36.60	9.37	31.43				

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

2422MHz_TX

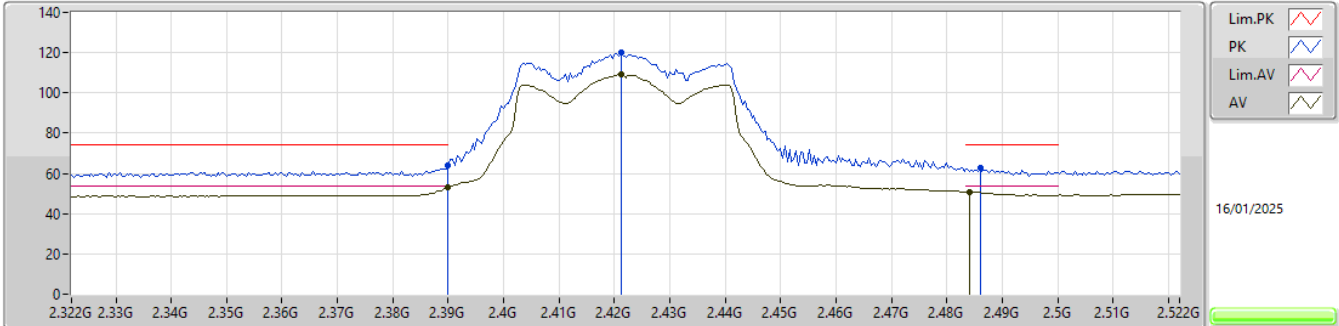


EUT_Y_2TX
Setting 22.5
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3592G	61.58	74.00	-12.42	29.15	3	Vertical	229	1.54	-	28.39	4.04	-			
AV	2.3896G	49.50	54.00	-4.50	16.94	3	Vertical	229	1.54	-	28.50	4.06	-			
PK	2.4224G	111.12	Inf	-Inf	78.61	3	Vertical	229	1.54	-	28.42	4.09	-			
AV	2.4228G	101.20	Inf	-Inf	68.68	3	Vertical	229	1.54	-	28.43	4.09	-			
PK	2.4908G	60.93	74.00	-13.07	28.19	3	Vertical	229	1.54	-	28.60	4.14	-			
AV	2.4868G	49.47	54.00	-4.53	16.73	3	Vertical	229	1.54	-	28.60	4.14	-			

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

2422MHz_TX

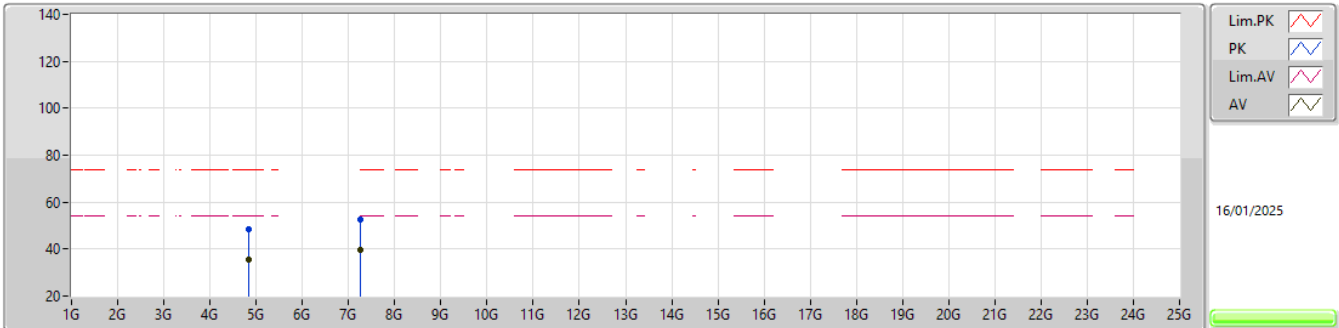


EUT_Y_2TX
Setting 22.5
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.39G	64.17	74.00	-9.83	31.61	3	Horizontal	14	1.05	-	28.50	4.06	-			
AV	2.39G	52.83	54.00	-1.17	20.27	3	Horizontal	14	1.05	-	28.50	4.06	-			
PK	2.4212G	120.25	Inf	-Inf	87.75	3	Horizontal	14	1.05	-	28.41	4.09	-			
AV	2.4212G	109.12	Inf	-Inf	76.62	3	Horizontal	14	1.05	-	28.41	4.09	-			
PK	2.486G	62.85	74.00	-11.15	30.12	3	Horizontal	14	1.05	-	28.60	4.13	-			
AV	2.484G	50.84	54.00	-3.16	18.11	3	Horizontal	14	1.05	-	28.60	4.13	-			

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

2422MHz_TX

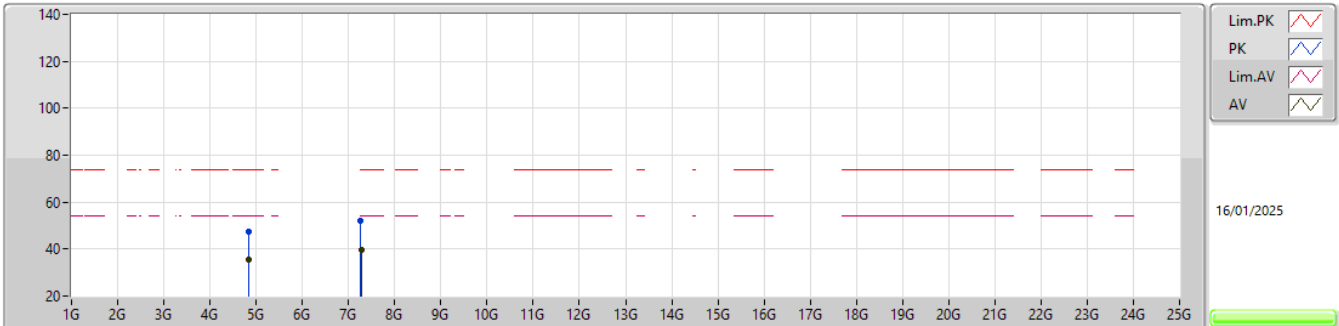


EUT_Y_2TX
Setting 22.5
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.84782G	48.27	74.00	-25.73	39.27	3	Vertical	293	2.23	-	33.20	6.80	31.00				
AV	4.84547G	35.71	54.00	-18.29	26.72	3	Vertical	293	2.23	-	33.19	6.80	31.00				
PK	7.26107G	52.45	74.00	-21.55	38.27	3	Vertical	97	1.00	-	36.24	9.37	31.43				
AV	7.26719G	39.55	54.00	-14.45	25.34	3	Vertical	97	1.00	-	36.27	9.37	31.43				

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

2422MHz_TX

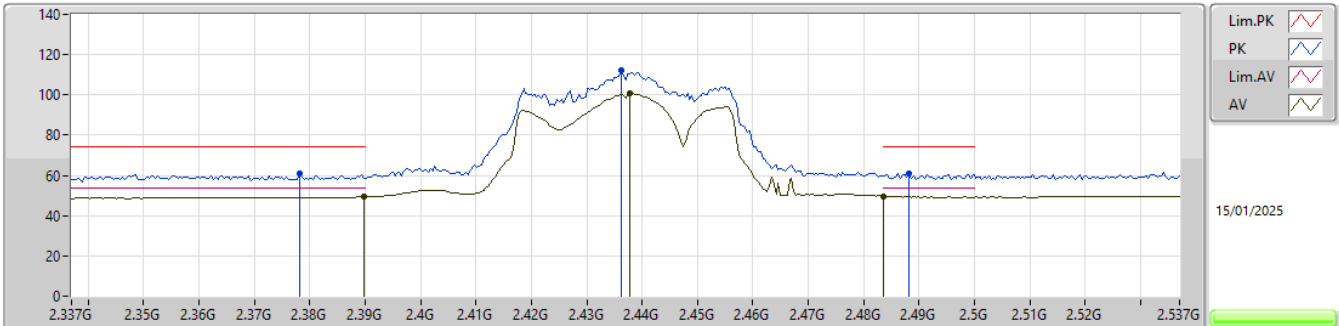


EUT_Y_2TX
Setting 22.5
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.84218G	47.66	74.00	-26.34	38.69	3	Horizontal	75	2.81	-	33.18	6.79	31.00				
AV	4.84368G	35.70	54.00	-18.30	26.72	3	Horizontal	75	2.81	-	33.19	6.79	31.00				
PK	7.26128G	51.93	74.00	-22.07	37.74	3	Horizontal	244	2.31	-	36.25	9.37	31.43				
AV	7.2696G	39.56	54.00	-14.44	25.34	3	Horizontal	244	2.31	-	36.28	9.37	31.43				

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

2437MHz_TX

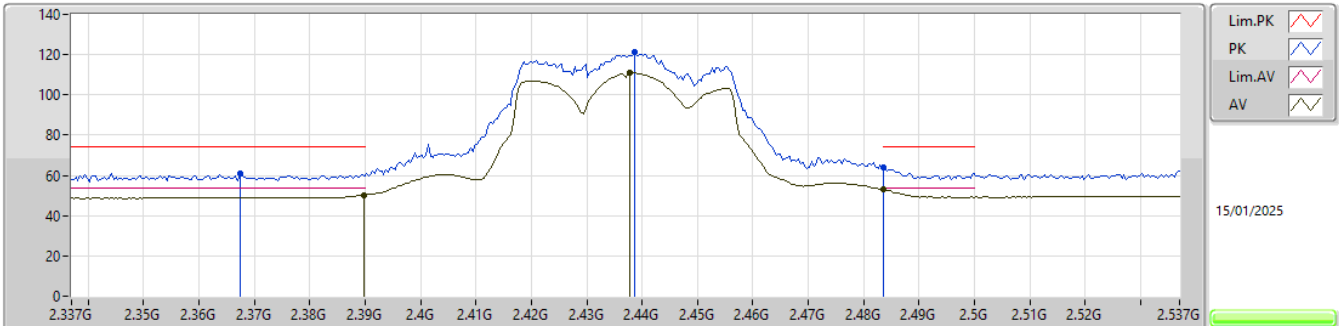


EUT_Y_2TX
Setting 23
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3782G	60.69	74.00	-13.31	28.24	3	Vertical	201	1.19	-	28.40	4.05	-			
AV	2.3898G	49.21	54.00	-4.79	16.65	3	Vertical	201	1.19	-	28.50	4.06	-			
PK	2.4362G	112.00	Inf	-Inf	79.40	3	Vertical	201	1.19	-	28.50	4.10	-			
AV	2.4378G	100.55	Inf	-Inf	67.95	3	Vertical	201	1.19	-	28.50	4.10	-			
PK	2.4882G	60.77	74.00	-13.23	28.03	3	Vertical	201	1.19	-	28.60	4.14	-			
AV	2.4835G	49.76	54.00	-4.24	17.03	3	Vertical	201	1.19	-	28.60	4.13	-			

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

2437MHz_TX

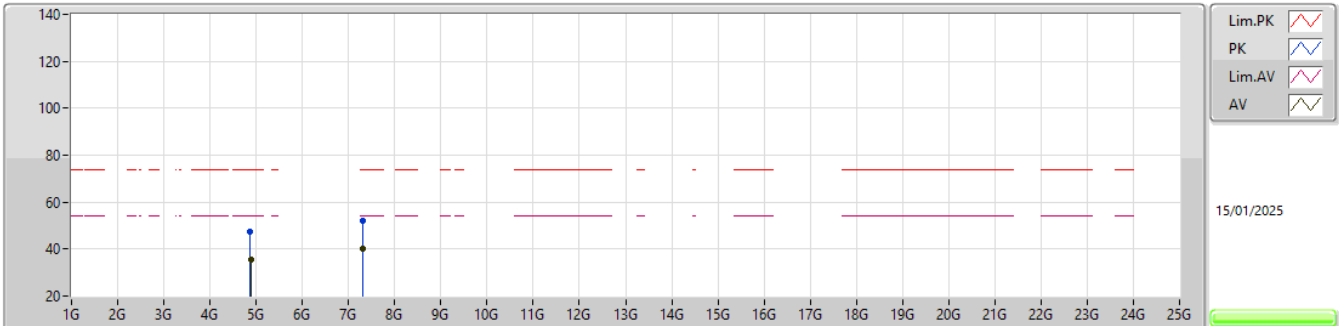


EUT_Y_2TX
Setting 23
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3674G	61.12	74.00	-12.88	28.67	3	Horizontal	318	2.82	-	28.40	4.05	-				
AV	2.3898G	50.33	54.00	-3.67	17.77	3	Horizontal	318	2.82	-	28.50	4.06	-				
PK	2.4386G	121.40	Inf	-Inf	88.80	3	Horizontal	318	2.82	-	28.50	4.10	-				
AV	2.4378G	110.96	Inf	-Inf	78.36	3	Horizontal	318	2.82	-	28.50	4.10	-				
PK	2.4835G	64.20	74.00	-9.80	31.47	3	Horizontal	318	2.82	-	28.60	4.13	-				
AV	2.4835G	52.88	54.00	-1.12	20.15	3	Horizontal	318	2.82	-	28.60	4.13	-				

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

2437MHz_TX

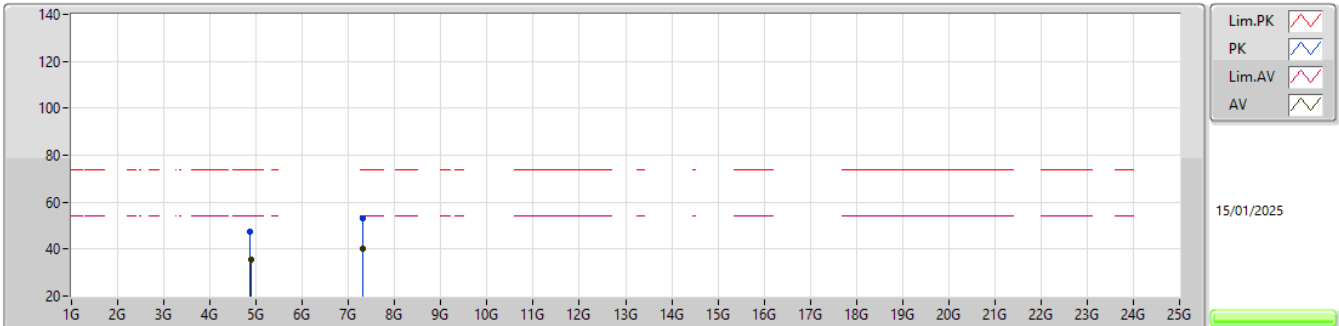


EUT_Y_2TX
Setting 23
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.8765G	47.42	74.00	-26.58	38.36	3	Vertical	143	2.64	-	33.25	6.81	31.00				
AV	4.87888G	35.28	54.00	-18.72	26.21	3	Vertical	143	2.64	-	33.26	6.81	31.00				
PK	7.30932G	52.25	74.00	-21.75	37.87	3	Vertical	269	1.43	-	36.44	9.37	31.43				
AV	7.31454G	39.96	54.00	-14.04	25.56	3	Vertical	269	1.43	-	36.46	9.37	31.43				

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

2437MHz_TX

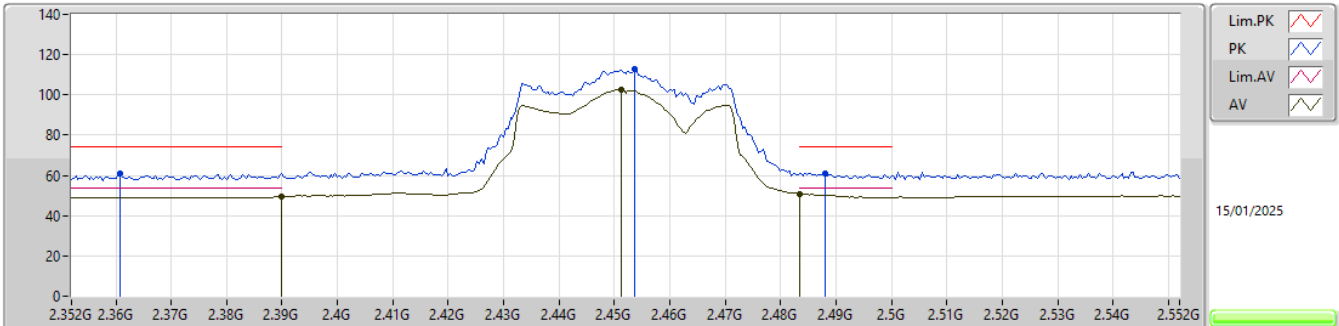


EUT_Y_2TX
Setting 23
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.87548G	47.26	74.00	-26.74	38.20	3	Horizontal	246	2.58	-	33.25	6.81	31.00				
AV	4.87888G	35.28	54.00	-18.72	26.21	3	Horizontal	246	2.58	-	33.26	6.81	31.00				
PK	7.31522G	52.87	74.00	-21.13	38.47	3	Horizontal	111	1.77	-	36.46	9.37	31.43				
AV	7.3152G	39.96	54.00	-14.04	25.56	3	Horizontal	111	1.77	-	36.46	9.37	31.43				

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

2452MHz_TX

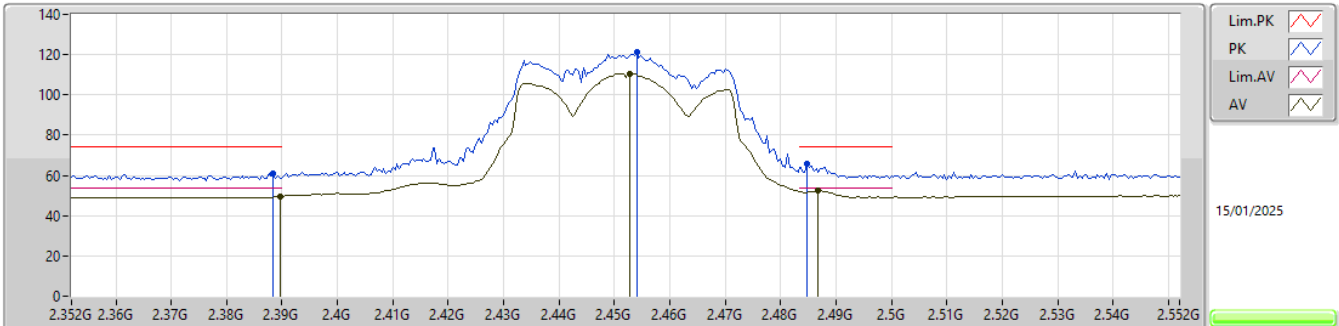


EUT_Y_2TX
Setting 21
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	2.3608G	60.86	74.00	-13.14	28.42	3	Vertical	359	2.87	-	28.40	4.04	-				
AV	2.39G	49.50	54.00	-4.50	16.94	3	Vertical	359	2.87	-	28.50	4.06	-				
PK	2.4536G	112.56	Inf	-Inf	79.99	3	Vertical	359	2.87	-	28.46	4.11	-				
AV	2.4512G	102.67	Inf	-Inf	70.07	3	Vertical	359	2.87	-	28.49	4.11	-				
PK	2.488G	60.93	74.00	-13.07	28.19	3	Vertical	359	2.87	-	28.60	4.14	-				
AV	2.4835G	50.84	54.00	-3.16	18.11	3	Vertical	359	2.87	-	28.60	4.13	-				

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

2452MHz_TX

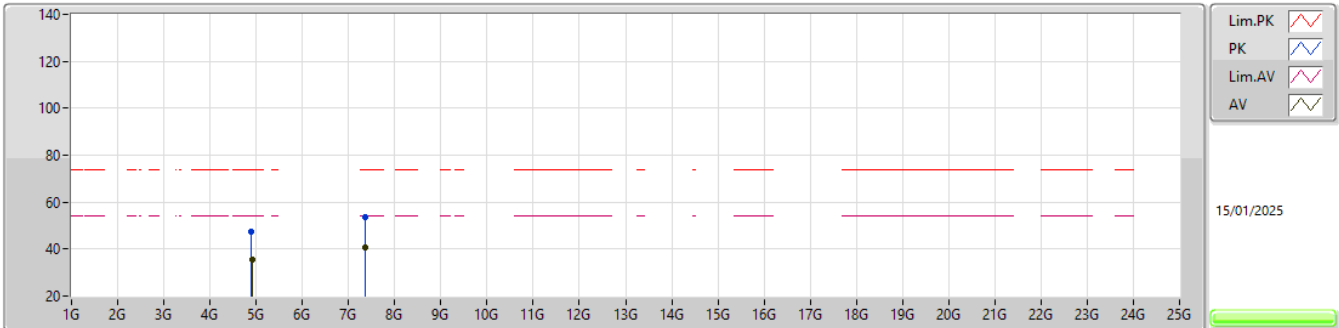


EUT_Y_2TX
Setting 21
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)			
PK	2.3884G	61.11	74.00	-12.89	28.57	3	Horizontal	316	2.30	-	28.48	4.06	-			
AV	2.3896G	49.50	54.00	-4.50	16.94	3	Horizontal	316	2.30	-	28.50	4.06	-			
PK	2.454G	121.20	Inf	-Inf	88.63	3	Horizontal	316	2.30	-	28.46	4.11	-			
AV	2.4528G	110.56	Inf	-Inf	77.98	3	Horizontal	316	2.30	-	28.47	4.11	-			
PK	2.4848G	65.71	74.00	-8.29	32.98	3	Horizontal	316	2.30	-	28.60	4.13	-			
AV	2.4868G	52.26	54.00	-1.74	19.52	3	Horizontal	316	2.30	-	28.60	4.14	-			

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

2452MHz_TX

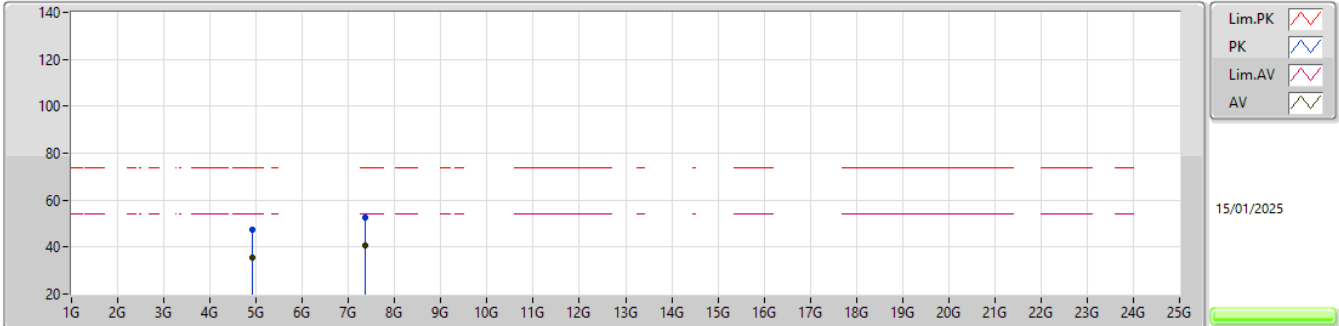


EUT_Y_2TX
Setting 21
02-R-J-8

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.90176G	47.40	74.00	-26.60	38.27	3	Vertical	5	1.08	-	33.30	6.83	31.00				
AV	4.90756G	35.67	54.00	-18.33	26.52	3	Vertical	5	1.08	-	33.32	6.83	31.00				
PK	7.35592G	53.49	74.00	-20.51	38.95	3	Vertical	224	1.79	-	36.60	9.37	31.43				
AV	7.3549G	40.63	54.00	-13.37	26.09	3	Vertical	224	1.79	-	36.60	9.37	31.43				

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

2452MHz_TX



EUT_Y_2TX
Setting 21
02-R-J-8

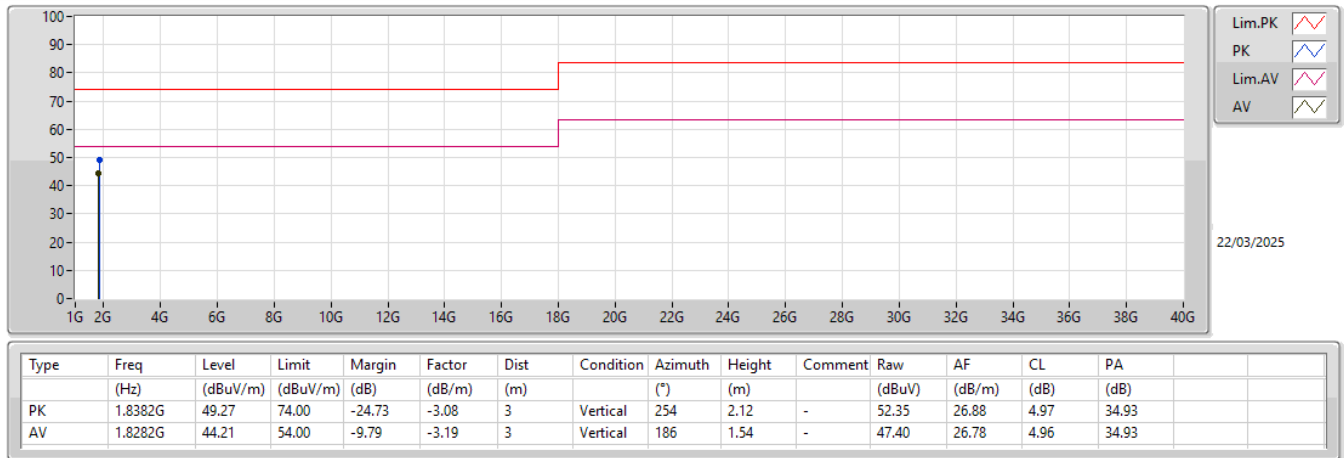
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)				
PK	4.90416G	47.51	74.00	-26.49	38.37	3	Horizontal	118	2.70	-	33.31	6.83	31.00				
AV	4.9081G	35.68	54.00	-18.32	26.53	3	Horizontal	118	2.70	-	33.32	6.83	31.00				
PK	7.35492G	52.73	74.00	-21.27	38.19	3	Horizontal	301	2.65	-	36.60	9.37	31.43				
AV	7.35102G	40.69	54.00	-13.31	26.15	3	Horizontal	301	2.65	-	36.60	9.37	31.43				



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	1.8282G	44.21	54.00	-9.79	Vertical

Mode 1



Mode 1

