



FCC Radio Test Report

FCC ID : 2AVVV-A1
Equipment : 2x2x2 Indoor Wi-Fi 7 Access Point
Brand Name : Meter
Model Name : A1
Applicant : Meter, Inc.
548 Market St, PMB 22716 San Francisco CA 94104 USA
Manufacturer : Meter Inc.
548 Market St, PMB 22716 San Francisco CA 94104 USA
Standard : 47 CFR FCC Part 15.247

The product was received on Sep. 05, 2025, and testing was started from Sep. 09, 2025 and completed on Sep. 18, 2025. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024 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. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR590410AC	01	Initial issue of report	Nov. 18, 2025

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	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

The EUT supports beamforming and CDD modes, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

Reviewed by: Ben Tseng

Report Producer: Michelle Tsai

1 General Description

1.1 Information

Scan Radio only has RX function.

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]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11b	20	2TX
2.4-2.4835GHz	802.11g	20	2TX
2.4-2.4835GHz	802.11be EHT20	20	2TX
2.4-2.4835GHz	802.11be EHT40	40	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	802.11be EHT20-BF	20	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.
- 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.

**1.1.2 Antenna Information**

Ant.	Brand Name	Model Name	Antenna Type	Connector	Support	Radio
1	GrandTek	BT	PIFA	I-Pex	BT	BT
2	GrandTek	2G-1	PIFA	I-Pex	2.4G	Radio 1
3	GrandTek	2G-2	PIFA	I-Pex	2.4G	Radio 1
4	GrandTek	5G-1	PIFA	I-Pex	5G	Radio 2
5	GrandTek	5G-2	Dipole	I-Pex	5G	Radio 2
6	GrandTek	6G-1	PIFA	I-Pex	6G	Radio 3
7	GrandTek	6G-2	Dipole	I-Pex	6G	Radio 3
8	GrandTek	TB1	PIFA	I-Pex	RX Only	Scan Radio
9	GrandTek	TB2	PIFA	I-Pex	RX Only	Scan Radio

Ant.	Port	Gain (dBi)			
		2.4G	5G	6G	BT
1	1	-	-	-	4.4
2	1	2.9	-	-	-
3	2	4.7	-	-	-
4	1	-	5.3	-	-
5	2	-	4.9	-	-
6	1	-	-	4.9	-
7	2	-	-	5.3	-
8	1	3.9	6.1	6.4	-
9	2	4.8	5.9	7.0	-

Note 1: The EUT has nine antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) **(Radio 1)**

Ant. 2 (port 1), Ant. 3 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax (2RX) **(Scan Radio)**

Ant. 8 (port 1), Ant. 9 (port 2) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (2TX/2RX) **(Radio 2)**

Ant. 4 (port 1), Ant. 5 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/n/ac/ax mode (2RX) **(Scan Radio)**

Ant. 8 (port 1), Ant. 9 (port 2) could transmit/receive simultaneously.

For 6GHz function:

For IEEE 802.11 a/ax/be mode (2TX/2RX) **(Radio 3)**

Ant. 6 (port 1), Ant. 7 (port 2) could transmit/receive simultaneously.

For IEEE 802.11 a/ax mode (2RX) **(Scan Radio)**

Ant. 8 (port 1), Ant. 9 (port 2) could transmit/receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Ant. 1 (port 1) could transmit/receive.

Note 2: Directional gain information

	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 $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
Resource Unit	☒ Full RU	☐ Partial RU	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:		...
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		...
☐	Other:		

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11b_Nss1,(1Mbps)_2TX	0.999	0.01	12.628m	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)

Note. If DC < 0.98, the DCF was added while measuring Output power and PSD.

1.2 Testing Applied Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2020 + Cor.1-2023 + C63.10a-2024

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

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

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Daniel Lin	23.7~24.9°C / 51~55%	12/Sep/2025~18/Sep/2025
RF Conducted	TH01-HY	Sonic Li	21.5~22.4°C / 52~64%	11/Sep/2025~17/Sep/2025
Radiated	03CH02-HY	Daniel Lin	23.6~25.1°C / 53~56%	09/Sep/2025~11/Sep/2025
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787		FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Co-Location)	03CH09-HY	Lego Lin	22.2~23.9°C / 51~52%	17/Sep/2025
☐ Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC				

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
AC Power-line Conducted Emissions	3.44 dB	Confidence levels of 95%
Conducted Output Power	1.48 dB	Confidence levels of 95%
Bandwidth	0.05 MHz	Confidence levels of 95%
Conducted Emission	1.48 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00099.1
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Non-Beamforming

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	22.5
2417MHz	26.5
2437MHz	25.5
2457MHz	25
2462MHz	21
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	21.5
2417MHz	23
2437MHz	25.5
2457MHz	22
2462MHz	19.5
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	20
2417MHz	22.5
2437MHz	24
2457MHz	21
2462MHz	16.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	19
2427MHz	19.5
2437MHz	19.5
2447MHz	18
2452MHz	16.5

**Beamforming**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	20
2417MHz	22.5
2437MHz	24
2457MHz	21
2462MHz	16.5
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	19
2427MHz	19.5
2437MHz	19.5
2447MHz	18
2452MHz	16.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE Mode

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		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4G + WLAN 5G + WLAN 6G
Refer to Sporton Test Report No.: FA590410 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

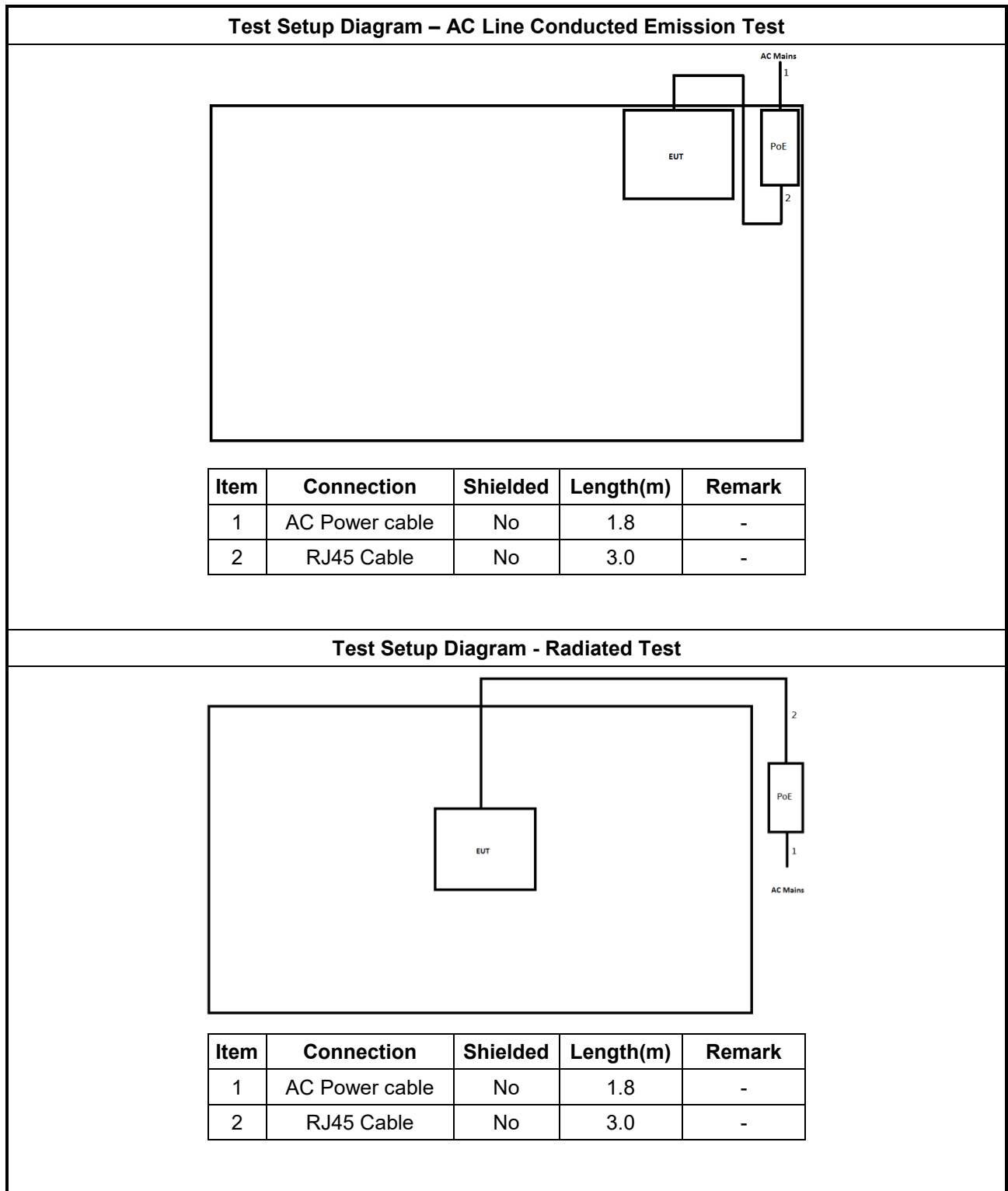
2.3 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power sync	CAT-6E-03	-	-
2	PoE	EnGenius	EPA5006GP	-	Provided by Customer
3	AC Power Cable	Atake	SCB-3PM01	-	-
4	DATA Cable	Sporton	Sporton	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power sync	CAT-6E-03	-	-
2	DATA Cable	Sporton	Sporton	-	-
3	PoE	EnGenius	EPA5006GP	-	Remote Provided by Customer
4	AC Power Cable	Atake	SCB-3PM01	-	Remote

2.4 Test Setup Diagram



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

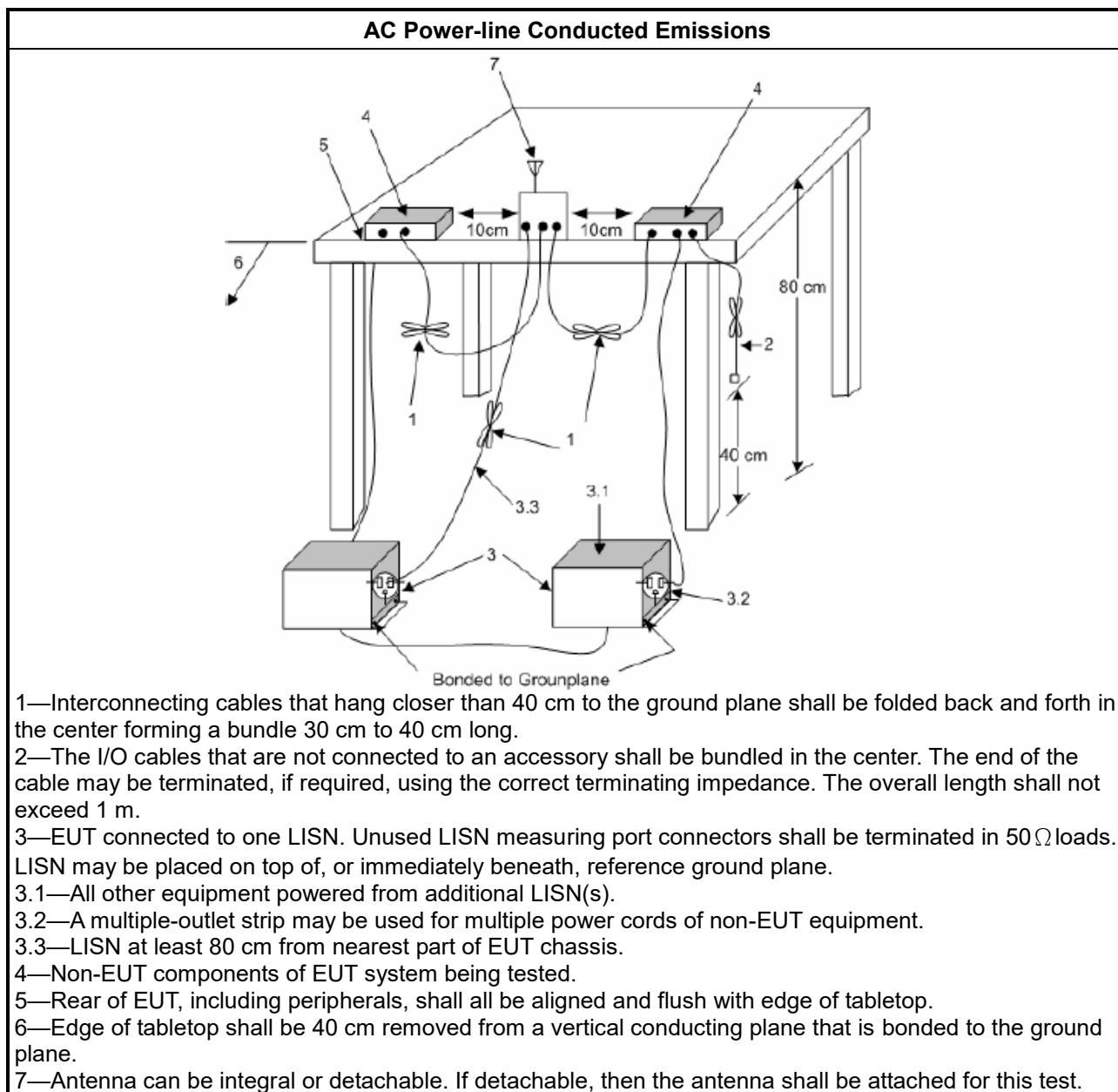
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



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.

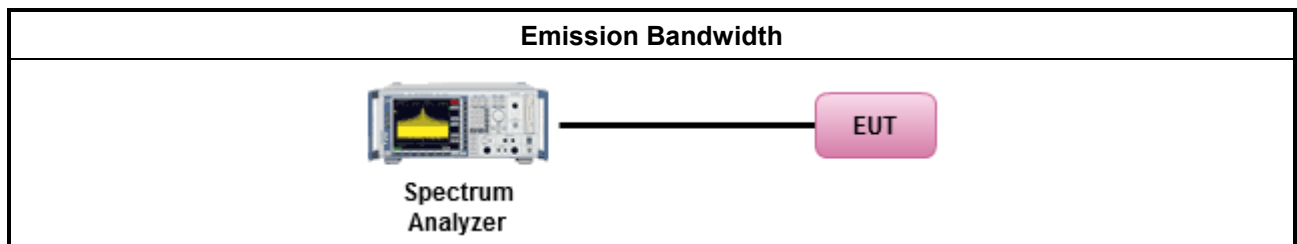
3.2.2 Measuring Instruments

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 KDB 558074. clause 8.2 (11.8 of ANSI C63.10) DTS bandwidth measurement.
☐	Refer as RSS-Gen, clause 6.7 for occupied bandwidth testing.
☐	Refer as ANSI C63.10, clause 6.9.3 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 $P_{Out} = 30 - (G_{TX} - 6)/3 + 8$ dBm
e.i.r.p. Power Limit:	
	2400-2483.5 MHz Band
	Point-to-multipoint systems (P2M): $P_{eirp} \leq 36$ dBm (4 W)
	Point-to-point systems (P2P): $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX}])$ dBm
	Smart antenna system (SAS)
	- Single beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Overlap beam: $P_{eirp} \leq \text{MAX}(36, P_{Out} + G_{TX})$ dBm
	- Aggregate power on all beams: $P_{eirp} \leq \text{MAX}(36, [P_{Out} + G_{TX} + 8])$ 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.	

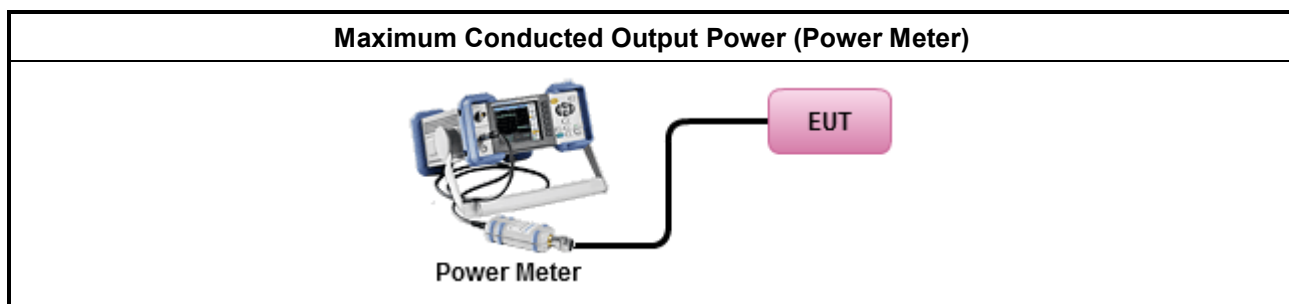
3.3.2 Measuring Instruments

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 KDB 558074, clause 8.3.1.1 (11.9.1.1 of ANSI C63.10) RBW ≥ EBW method.
☐	Refer as KDB 558074, clause 8.3.1.2 integrated band power method.
☐	Refer as KDB 558074, clause 8.3.1.3 (11.9.1.2 of ANSI C63.10) peak power meter.
Maximum Average Conducted Output Power	
☐	Refer as KDB 558074, clause 8.3.2.2 (11.9.2.2 of ANSI C63.10) using a spectrum analyzer.
☒	Refer as KDB 558074, clause 8.3.2.3 (11.9.2.3 of ANSI C63.10) using a power meter.
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below: Refer as 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

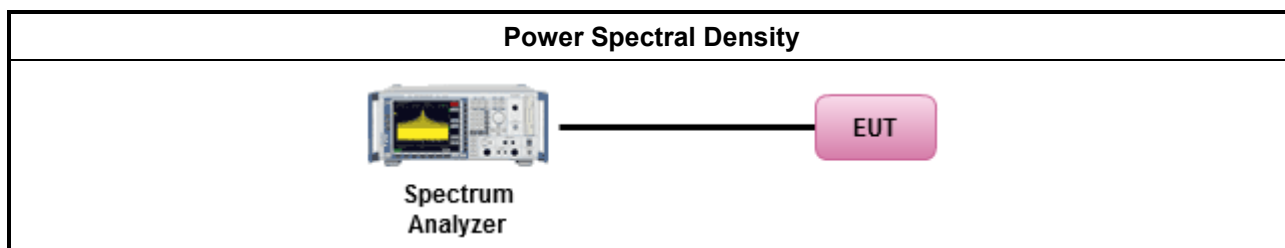
3.4.2 Measuring Instruments

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 KDB 558074, clause 8.4 (11.10 of ANSI C63.10) Max. PSD.
▪	For conducted measurement.
▪	If The EUT supports multiple transmit chains using options given below:
▪	Measure and sum the spectra across the outputs. Refer as 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.

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 (dB)
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 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 level.	

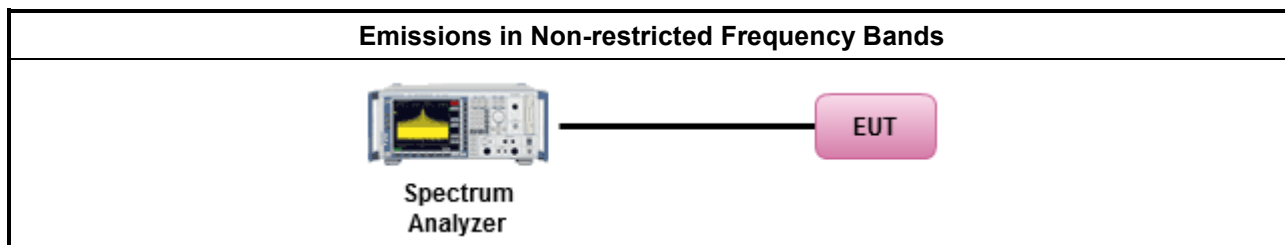
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method
Refer as KDB 558074, clause 8.5 (11.11 of ANSI C63.10) for non-restricted frequency 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

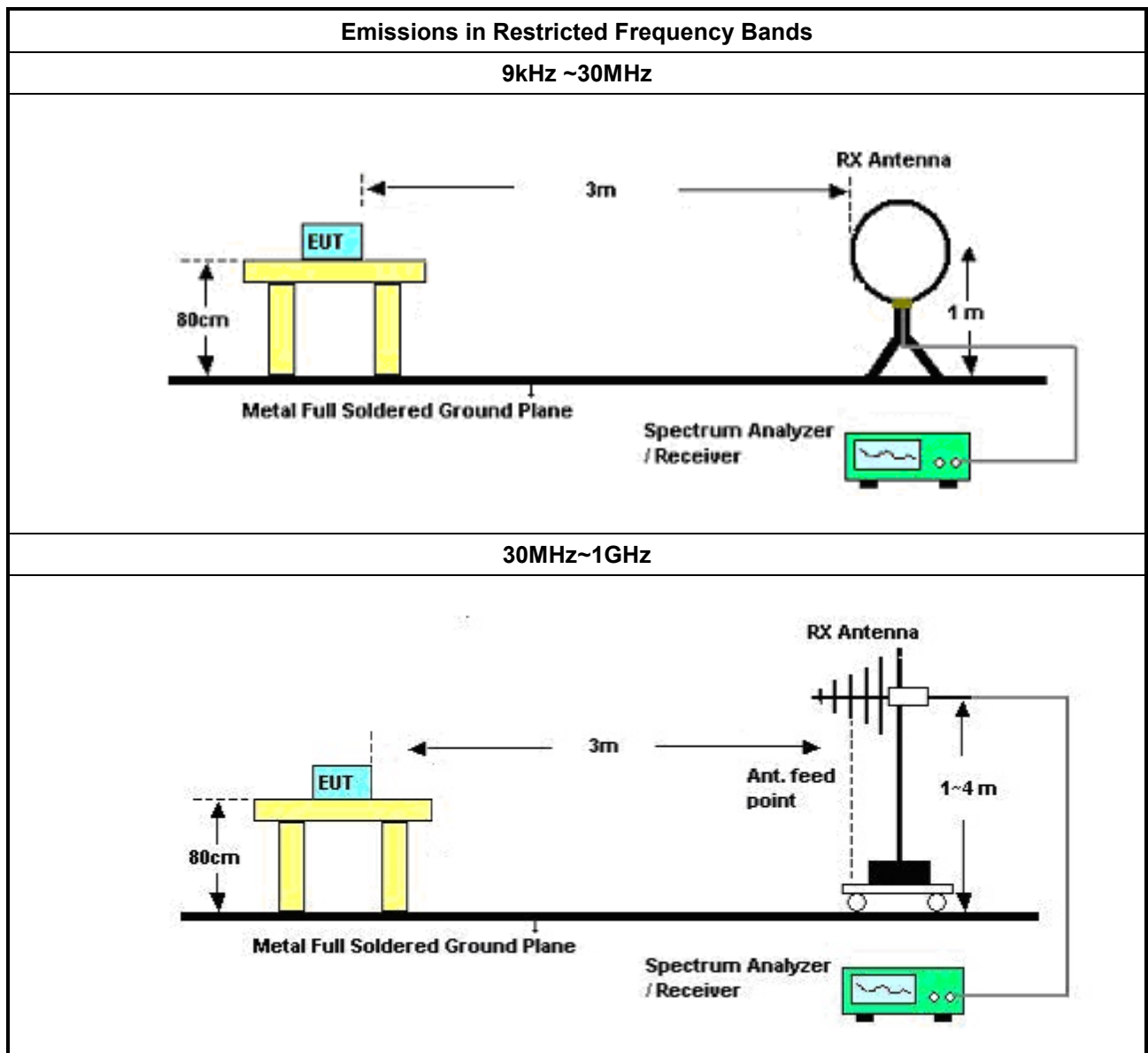
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 558074, clause 8.6 (11.12 of ANSI C63.10) for restricted frequency bands.
For the transmitter band-edge emissions shall be measured using following options below:	
	Refer as KDB 558074 clause 8.7.1, 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 KDB 558074, clause 8.7.2 (6.10.6 of ANSI C63.10) for marker-delta method for band-edge measurements.
	Refer as KDB 558074, clause 8.7.3 for narrower resolution bandwidth (100kHz) using the band power and summing the spectral levels.
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

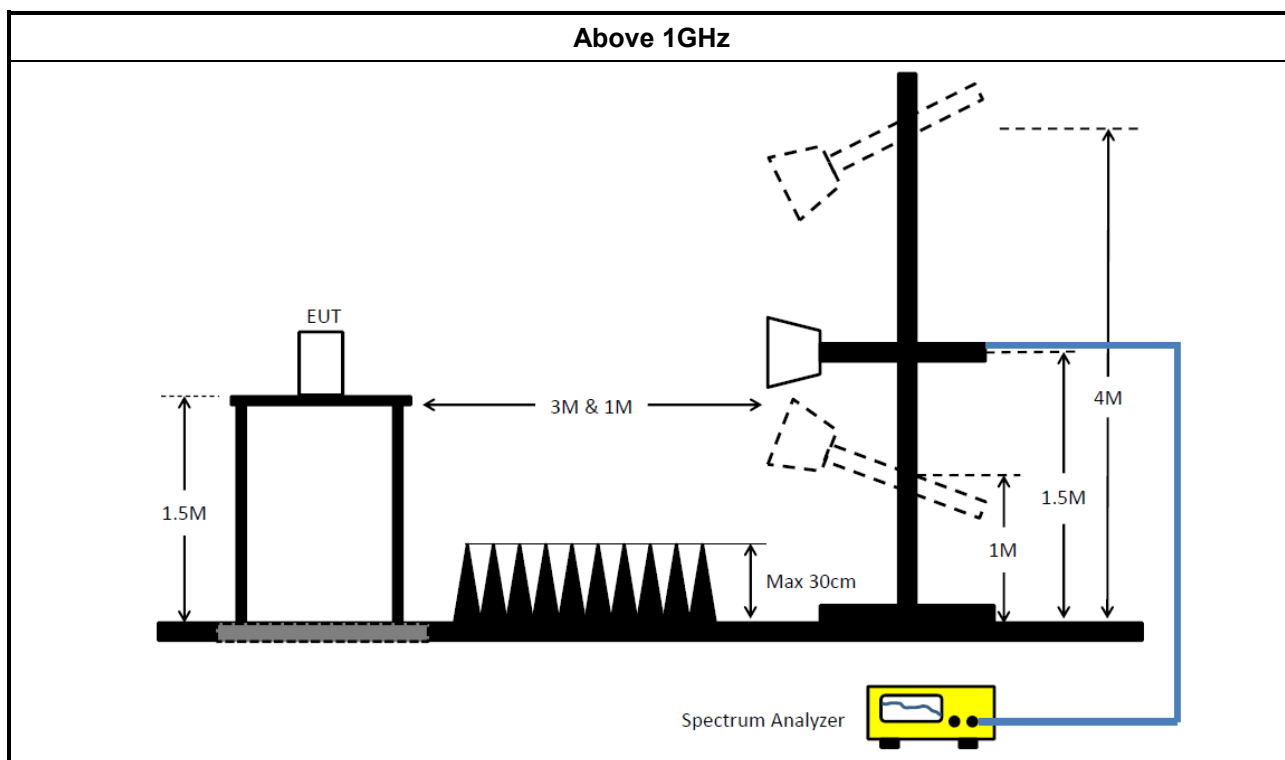
3.6.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.6.5 Test Setup





3.6.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

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

3.6.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix F

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV3044	101438	10Hz~44GHz	01/Nov/2024	31/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	949003	300MHz~40GHz	13/Feb/2025	12/Feb/2026
Pulse Sensor	Anritsu	MA2411B	917017	300MHz~40GHz	13/Feb/2025	12/Feb/2026
SENSE-15247_DTS	Sporton	V5.11.27	N/A	N/A	N/A	N/A

Instrument for Radiated Test (Co-Location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	06/Mar/2025	05/Mar/2026
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	17/Jul/2025	16/Jul/2026
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	18/Apr/2025	17/Apr/2026
SENSE-EMI	Sporton	V5.11.10	NA	NA	NA	NA

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3M	12/Jul/2025	11/Jul/2026
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
EMI Test Receiver	R&S	ESR	102052	9kHz~3.6GHz	14/May/2025	13/May/2026
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723/2	30MHz~1GHz	25/Aug/2025	24/Aug/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	02/Jul/2025	01/Jul/2026
RF Cable	MVE	400LL+SN 200207	03CH02-cable-05	9kHz~1GHz	08/Aug/2025	07/Aug/2026
RF Cable HUBER+SUHNER	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-06	1GHz~40GHz	15/Aug/2025	14/Aug/2026
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	27/Jun/2025	26/Jun/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-15247-DTS	Sporton	V5.11.23	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

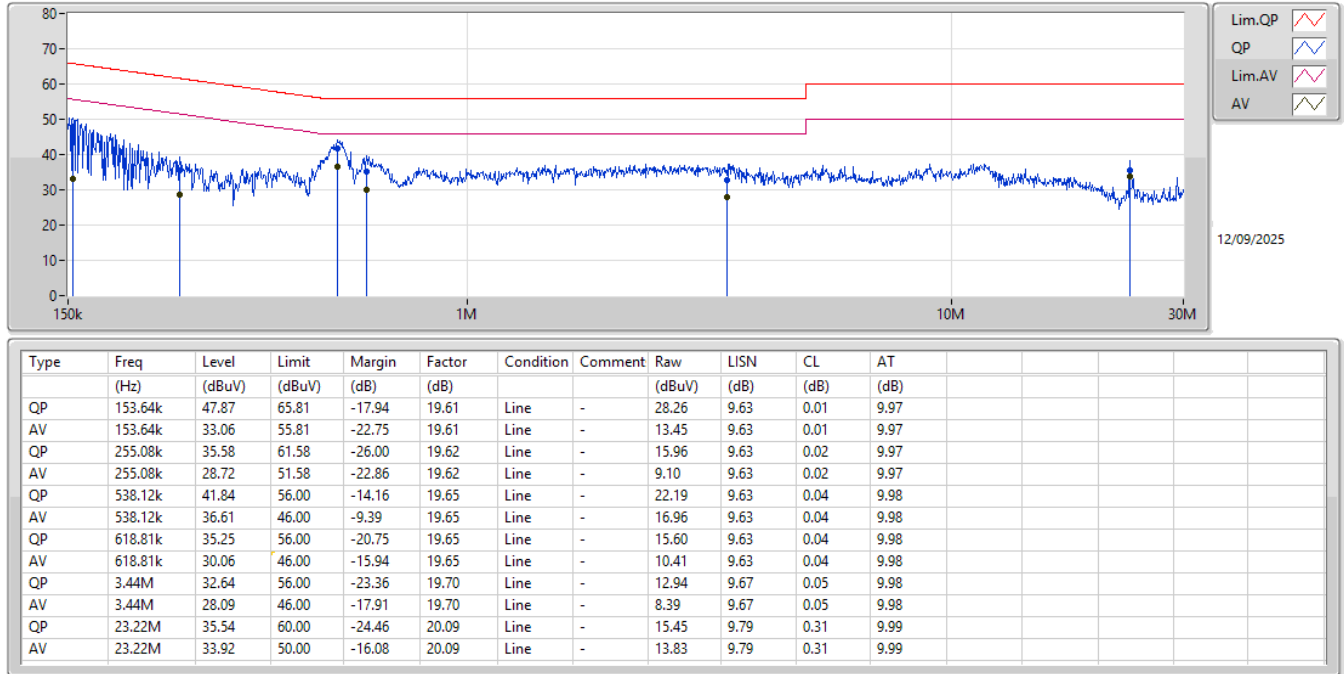
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	538.12k	36.61	46.00	-9.39	Line

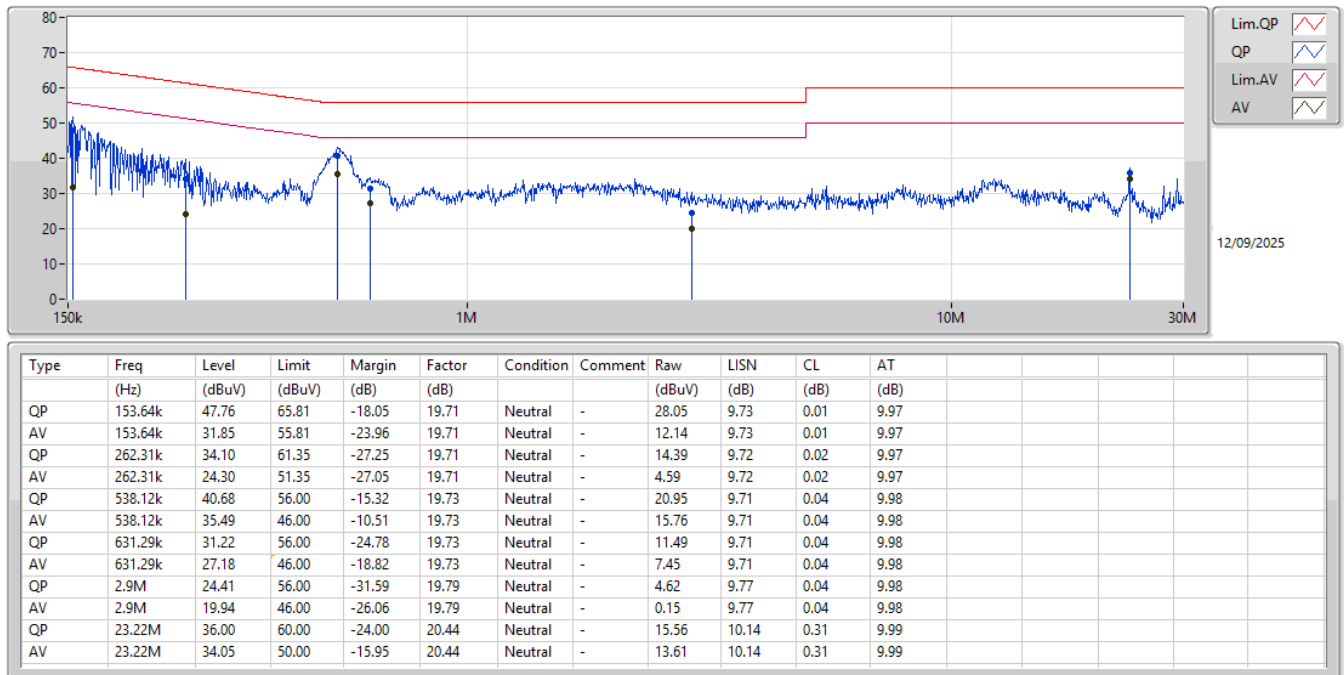
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.64k	47.87	65.81	-17.94	Line
Mode 1	Pass	AV	153.64k	33.06	55.81	-22.75	Line
Mode 1	Pass	QP	255.08k	35.58	61.58	-26.00	Line
Mode 1	Pass	AV	255.08k	28.72	51.58	-22.86	Line
Mode 1	Pass	QP	538.12k	41.84	56.00	-14.16	Line
Mode 1	Pass	AV	538.12k	36.61	46.00	-9.39	Line
Mode 1	Pass	QP	618.81k	35.25	56.00	-20.75	Line
Mode 1	Pass	AV	618.81k	30.06	46.00	-15.94	Line
Mode 1	Pass	QP	3.44M	32.64	56.00	-23.36	Line
Mode 1	Pass	AV	3.44M	28.09	46.00	-17.91	Line
Mode 1	Pass	QP	23.22M	35.54	60.00	-24.46	Line
Mode 1	Pass	AV	23.22M	33.92	50.00	-16.08	Line
Mode 1	Pass	QP	153.64k	47.76	65.81	-18.05	Neutral
Mode 1	Pass	AV	153.64k	31.85	55.81	-23.96	Neutral
Mode 1	Pass	QP	262.31k	34.10	61.35	-27.25	Neutral
Mode 1	Pass	AV	262.31k	24.30	51.35	-27.05	Neutral
Mode 1	Pass	QP	538.12k	40.68	56.00	-15.32	Neutral
Mode 1	Pass	AV	538.12k	35.49	46.00	-10.51	Neutral
Mode 1	Pass	QP	631.29k	31.22	56.00	-24.78	Neutral
Mode 1	Pass	AV	631.29k	27.18	46.00	-18.82	Neutral
Mode 1	Pass	QP	2.9M	24.41	56.00	-31.59	Neutral
Mode 1	Pass	AV	2.9M	19.94	46.00	-26.06	Neutral
Mode 1	Pass	QP	23.22M	36.00	60.00	-24.00	Neutral
Mode 1	Pass	AV	23.22M	34.05	50.00	-15.95	Neutral

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	8.8M	13.854M	13M9G1D	6.215M	12.846M
802.11g_Nss1,(6Mbps)_2TX	16.06M	18.019M	18M0D1D	13.695M	16.493M
802.11be EHT20_Nss1,(MCS0)_2TX	18.59M	19.061M	19M1D1D	7.865M	18.671M
802.11be EHT40_Nss1,(MCS0)_2TX	37.18M	37.773M	37M8D1D	23.1M	37.489M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	8.415M	12.909M	8.8M	12.846M
2437MHz	Pass	500k	6.215M	13.635M	6.215M	13.854M
2462MHz	Pass	500k	6.6M	13.077M	7.095M	13.3M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.06M	16.789M	15.895M	16.788M
2437MHz	Pass	500k	15.455M	17.714M	16.005M	18.019M
2462MHz	Pass	500k	14.465M	16.559M	13.695M	16.493M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	14.135M	18.671M	16.775M	18.772M
2437MHz	Pass	500k	10.78M	18.819M	7.865M	18.769M
2462MHz	Pass	500k	18.535M	19M	18.59M	19.061M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	34.1M	37.559M	34.54M	37.507M
2437MHz	Pass	500k	37.18M	37.505M	31.68M	37.489M
2452MHz	Pass	500k	23.1M	37.604M	34.1M	37.773M

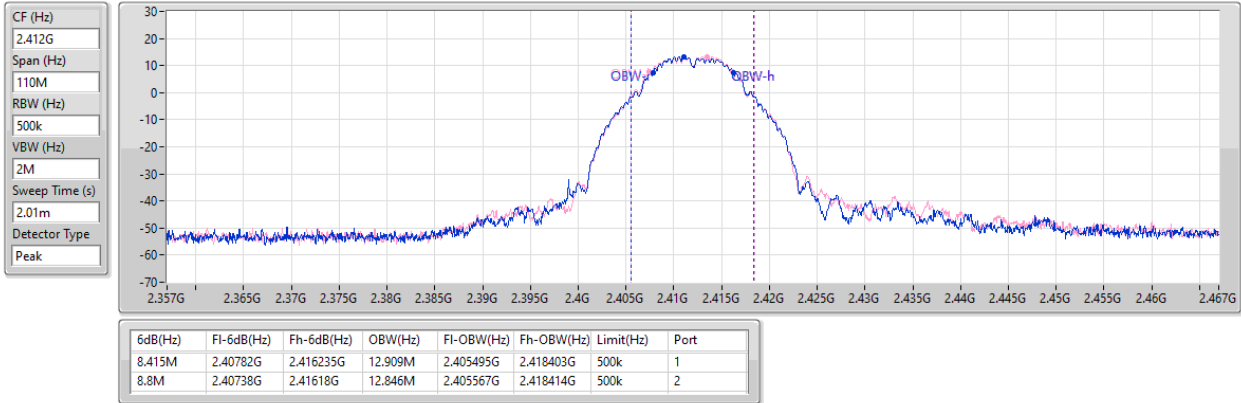
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2412MHz

11/09/2025

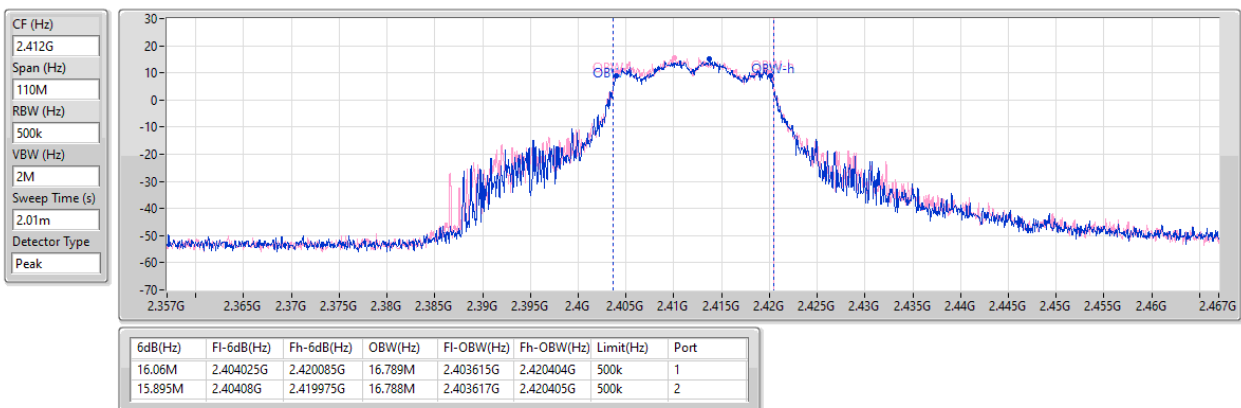


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

11/09/2025

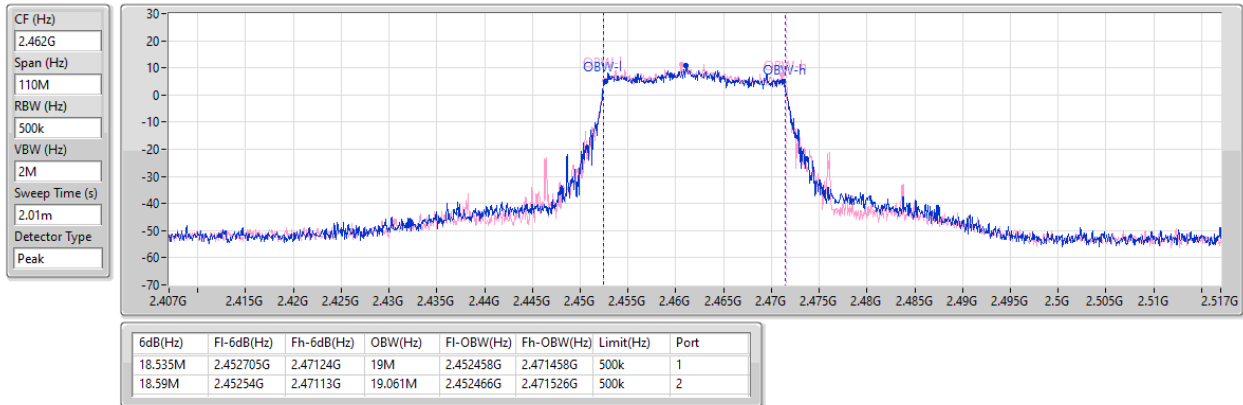


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

11/09/2025

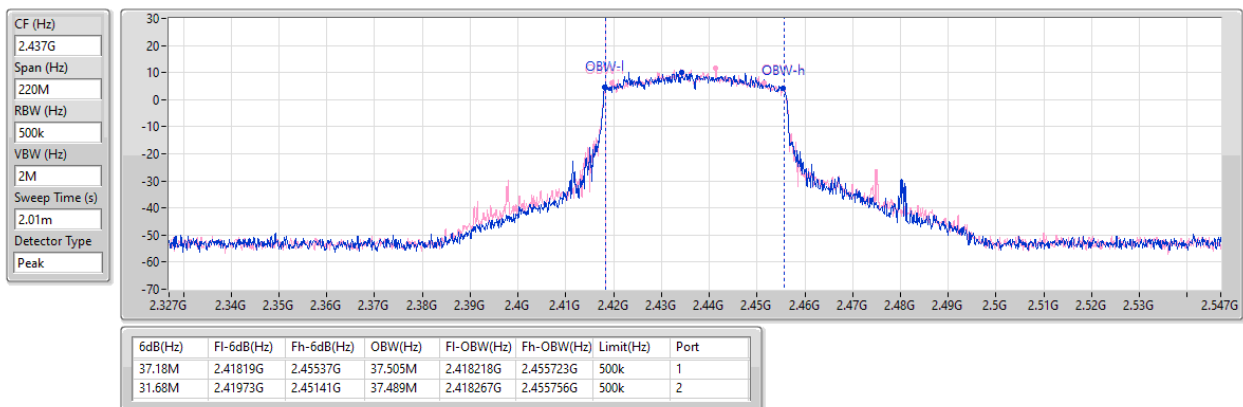


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

11/09/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	28.53	0.71285
802.11g_Nss1,(6Mbps)_2TX	27.76	0.59704
802.11be EHT20_Nss1,(MCS0)_2TX	26.68	0.46559
802.11be EHT40_Nss1,(MCS0)_2TX	22.14	0.16368



Average Power_Non-Beamforming

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.70	21.54	21.77	24.67	30.00
2417MHz	Pass	4.70	25.59	25.45	28.53	30.00
2437MHz	Pass	4.70	24.50	24.72	27.62	30.00
2457MHz	Pass	4.70	23.99	24.47	27.25	30.00
2462MHz	Pass	4.70	20.22	20.56	23.40	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.70	20.61	21.05	23.85	30.00
2417MHz	Pass	4.70	22.11	22.09	25.11	30.00
2437MHz	Pass	4.70	24.58	24.92	27.76	30.00
2457MHz	Pass	4.70	21.11	21.71	24.43	30.00
2462MHz	Pass	4.70	18.76	19.16	21.97	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.70	19.64	19.60	22.63	30.00
2417MHz	Pass	4.70	21.91	22.05	24.99	30.00
2437MHz	Pass	4.70	23.52	23.81	26.68	30.00
2457MHz	Pass	4.70	19.76	20.32	23.06	30.00
2462MHz	Pass	4.70	15.35	16.04	18.72	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.70	18.37	18.44	21.42	30.00
2427MHz	Pass	4.70	18.87	19.17	22.03	30.00
2437MHz	Pass	4.70	18.97	19.29	22.14	30.00
2447MHz	Pass	4.70	17.25	17.66	20.47	30.00
2452MHz	Pass	4.70	16.16	16.50	19.34	30.00

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



Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	26.68	0.46559
802.11be EHT40-BF_Nss1,(MCS0)_2TX	22.14	0.16368



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.86	19.64	19.60	22.63	29.14
2417MHz	Pass	6.86	21.91	22.05	24.99	29.14
2437MHz	Pass	6.86	23.52	23.81	26.68	29.14
2457MHz	Pass	6.86	19.76	20.32	23.06	29.14
2462MHz	Pass	6.86	15.35	16.04	18.72	29.14
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.86	18.37	18.44	21.42	29.14
2427MHz	Pass	6.86	18.87	19.17	22.03	29.14
2437MHz	Pass	6.86	18.97	19.29	22.14	29.14
2447MHz	Pass	6.86	17.25	17.66	20.47	29.14
2452MHz	Pass	6.86	16.16	16.50	19.34	29.14

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	0.58
802.11g_Nss1,(6Mbps)_2TX	0.02
802.11be EHT20_Nss1,(MCS0)_2TX	1.11
802.11be EHT40_Nss1,(MCS0)_2TX	-7.70

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.86	-7.22	-7.08	-4.38	7.14
2437MHz	Pass	6.86	-2.67	-2.03	0.58	7.14
2462MHz	Pass	6.86	-6.98	-7.01	-3.98	7.14
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.86	-6.31	-4.92	-3.49	7.14
2437MHz	Pass	6.86	-1.97	-2.10	0.02	7.14
2462MHz	Pass	6.86	-5.95	-7.27	-4.43	7.14
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.86	-5.48	-4.95	-2.89	7.14
2437MHz	Pass	6.86	-1.54	-1.19	1.11	7.14
2462MHz	Pass	6.86	-11.39	-10.05	-8.90	7.14
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.86	-9.72	-10.96	-8.17	7.14
2437MHz	Pass	6.86	-10.81	-9.41	-7.70	7.14
2452MHz	Pass	6.86	-11.60	-11.18	-9.29	7.14

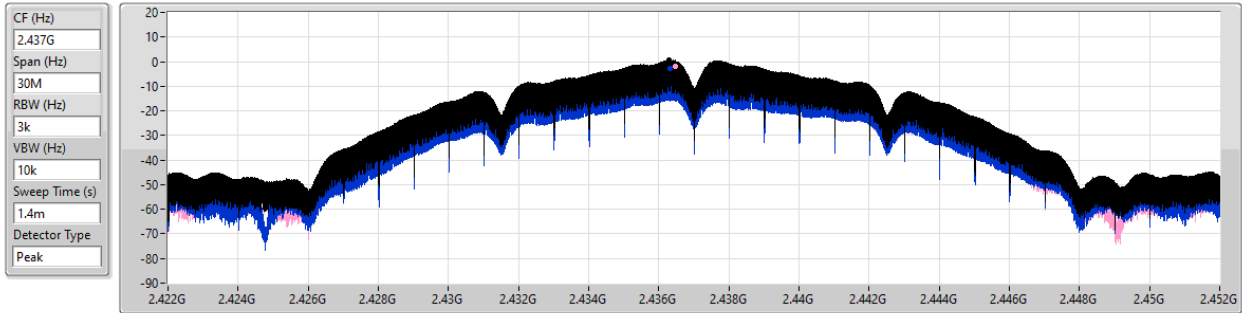
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2437MHz

11/09/2025



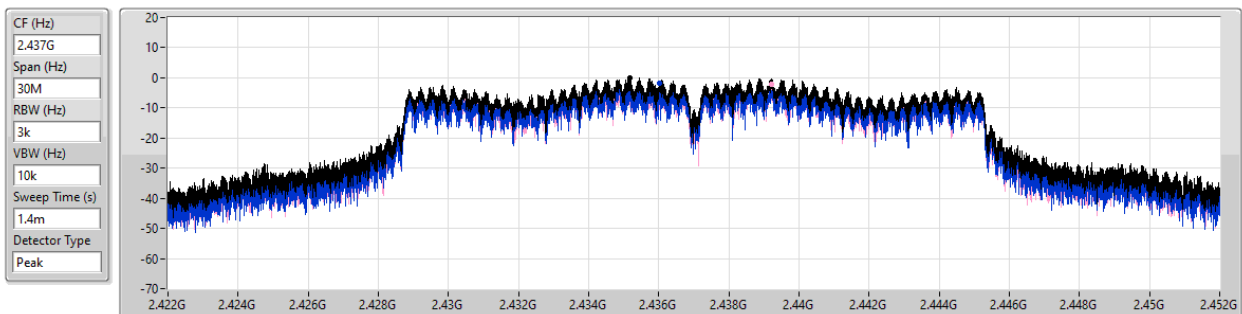
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.58	0.58	-2.67	-2.03

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

PSD

2437MHz

11/09/2025



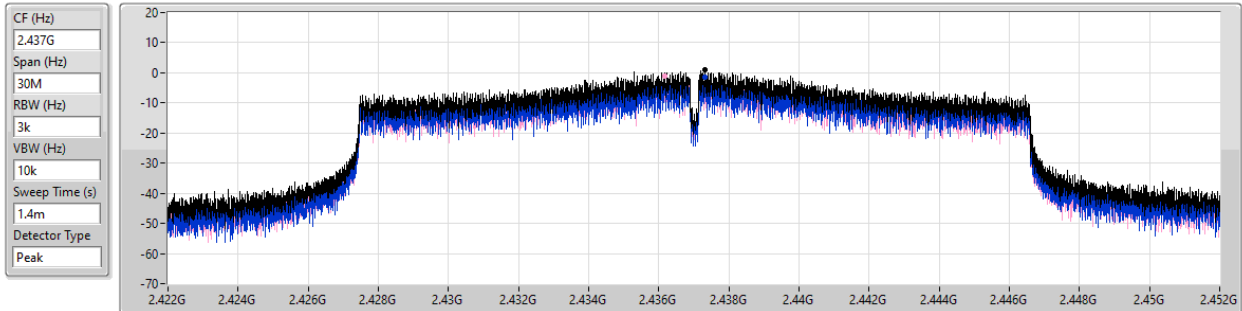
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.02	0.02	-1.97	-2.10

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

PSD

2437MHz

11/09/2025



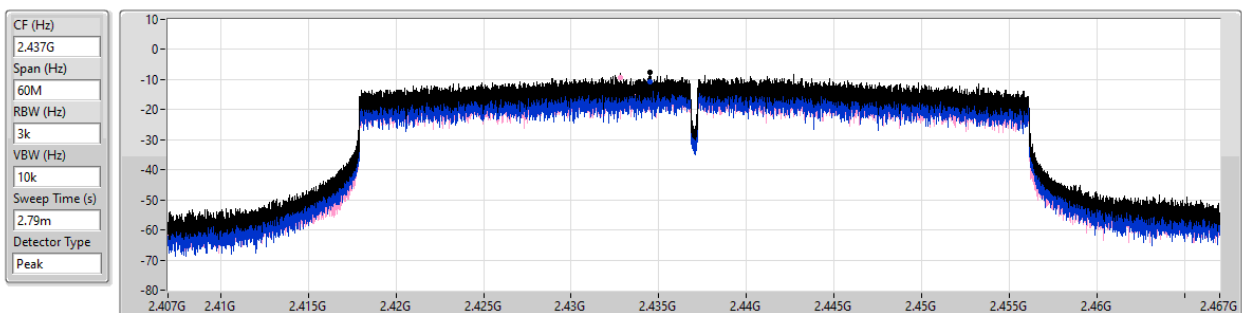
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.11	1.11	-1.54	-1.19

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

PSD

2437MHz

11/09/2025



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.70	-7.70	-10.81	-9.41



Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	2.43657G	16.04	-13.96	1.7309G	-55.78	2.4G	-36.97	2.4G	-35.90	2.50462G	-55.45	21.58919G	-45.10	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.43824G	14.98	-15.02	1.96973G	-55.54	2.39976G	-26.64	2.4G	-28.88	2.50966G	-55.58	21.41219G	-43.74	2
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43824G	13.39	-16.61	2.19574G	-55.32	2.39992G	-24.55	2.4G	-28.46	2.51686G	-55.58	21.80834G	-44.88	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.43958G	5.36	-24.64	1.81048G	-55.51	2.4G	-29.76	2.4G	-27.31	2.53326G	-55.07	21.93742G	-44.72	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	2.43657G	16.04	-13.96	2.11419G	-54.89	2.4G	-37.60	2.4G	-37.33	2.52238G	-55.05	21.51895G	-45.25	1
2412MHz	Pass	2.43657G	16.04	-13.96	1.7309G	-55.78	2.4G	-36.97	2.4G	-35.90	2.50462G	-55.45	21.58919G	-45.10	2
2437MHz	Pass	2.43657G	16.04	-13.96	1.9173G	-54.60	2.4G	-46.96	2.4G	-45.91	2.50254G	-55.05	21.59481G	-45.56	1
2437MHz	Pass	2.43657G	16.04	-13.96	2.10836G	-55.66	2.4G	-49.53	2.4G	-47.29	2.50574G	-55.69	21.87577G	-45.35	2
2462MHz	Pass	2.43657G	16.04	-13.96	2.17477G	-54.75	2.39792G	-55.67	2.4G	-54.56	2.50526G	-55.06	21.533G	-44.72	1
2462MHz	Pass	2.43657G	16.04	-13.96	2.17593G	-54.73	2.3916G	-54.92	2.4G	-54.44	2.5003G	-55.72	21.92072G	-44.40	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	14.98	-15.02	2.1037G	-55.53	2.39984G	-27.66	2.4G	-28.95	2.50654G	-55.77	21.51052G	-43.71	1
2412MHz	Pass	2.43824G	14.98	-15.02	1.96973G	-55.54	2.39976G	-26.64	2.4G	-28.88	2.50966G	-55.58	21.41219G	-43.74	2
2437MHz	Pass	2.43824G	14.98	-15.02	1.92546G	-54.32	2.39824G	-40.63	2.4G	-42.36	2.51318G	-55.26	21.89543G	-45.89	1
2437MHz	Pass	2.43824G	14.98	-15.02	2.1305G	-55.78	2.39832G	-34.83	2.4G	-35.50	2.5227G	-55.34	21.58076G	-45.18	2
2462MHz	Pass	2.43824G	14.98	-15.02	2.14564G	-55.36	2.4G	-52.14	2.4G	-50.74	2.51726G	-55.53	21.58919G	-44.89	1
2462MHz	Pass	2.43824G	14.98	-15.02	2.16894G	-55.24	2.4G	-51.11	2.4G	-52.27	2.50118G	-54.87	21.99096G	-44.77	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43824G	13.39	-16.61	1.87187G	-54.38	2.4G	-28.80	2.4G	-30.49	2.5235G	-55.78	21.56952G	-44.81	1
2412MHz	Pass	2.43824G	13.39	-16.61	2.19574G	-55.32	2.39992G	-24.55	2.4G	-28.46	2.51686G	-55.58	21.80834G	-44.88	2
2437MHz	Pass	2.43824G	13.39	-16.61	1.99652G	-55.81	2.39944G	-43.71	2.4G	-43.48	2.5027G	-55.70	21.49929G	-45.30	1
2437MHz	Pass	2.43824G	13.39	-16.61	1.90915G	-55.58	2.39936G	-40.76	2.4G	-42.67	2.50982G	-54.97	21.95443G	-44.12	2
2462MHz	Pass	2.43824G	13.39	-16.61	1.74022G	-54.85	2.39864G	-55.05	2.4G	-54.61	2.50438G	-55.17	21.92353G	-44.19	1
2462MHz	Pass	2.43824G	13.39	-16.61	1.71576G	-55.44	2.39272G	-54.53	2.4G	-54.69	2.51422G	-55.03	21.81677G	-43.91	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.43958G	5.36	-24.64	1.81048G	-55.51	2.4G	-29.76	2.4G	-27.31	2.53326G	-55.07	21.93742G	-44.72	1
2422MHz	Pass	2.43958G	5.36	-24.64	2.0807G	-54.15	2.39776G	-31.23	2.4G	-31.38	2.55662G	-55.16	21.51954G	-44.92	2
2437MHz	Pass	2.43958G	5.36	-24.64	2.16085G	-55.97	2.39936G	-38.87	2.4G	-36.92	2.54478G	-54.95	22.00473G	-44.45	1
2437MHz	Pass	2.43958G	5.36	-24.64	2.30397G	-55.13	2.39952G	-35.72	2.4G	-41.40	2.5123G	-55.13	21.49149G	-45.06	2
2452MHz	Pass	2.43958G	5.36	-24.64	2.02917G	-55.21	2.39968G	-51.38	2.4G	-52.21	2.55854G	-55.01	22.00192G	-44.80	1
2452MHz	Pass	2.43958G	5.36	-24.64	1.74865G	-55.20	2.39952G	-51.23	2.4G	-53.98	2.51694G	-55.02	21.58404G	-44.77	2

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

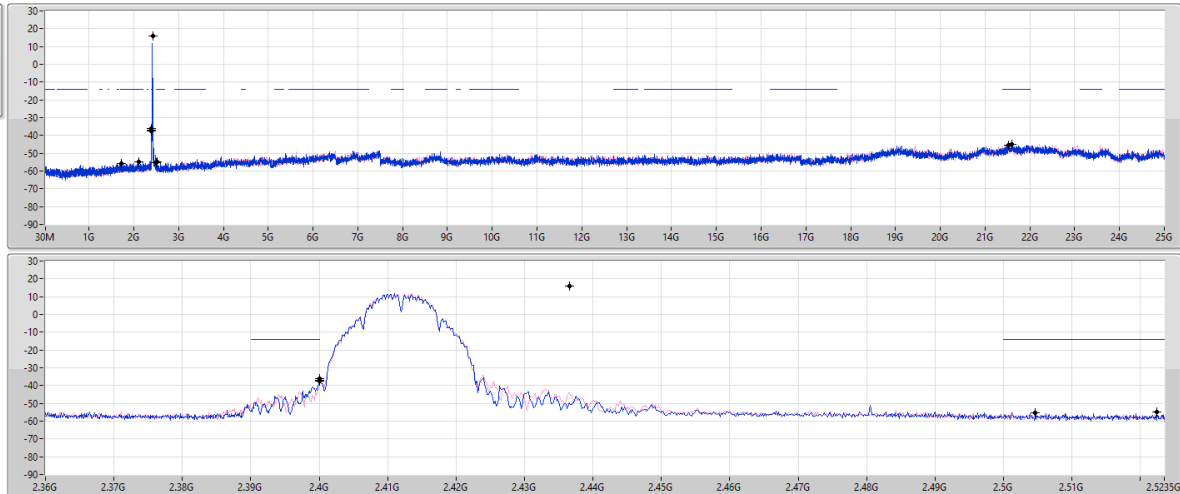
CSEndB

2412MHz

11/09/2025

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
2.43657G	16.04	-13.96	2.11419G	-54.89	2.4G	-37.60	2.4G	-37.33	2.52238G	-55.05	21.51895G	-45.25	1
2.43657G	16.04	-13.96	1.7309G	-55.78	2.4G	-36.97	2.4G	-35.90	2.50462G	-55.45	21.58919G	-45.10	2

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

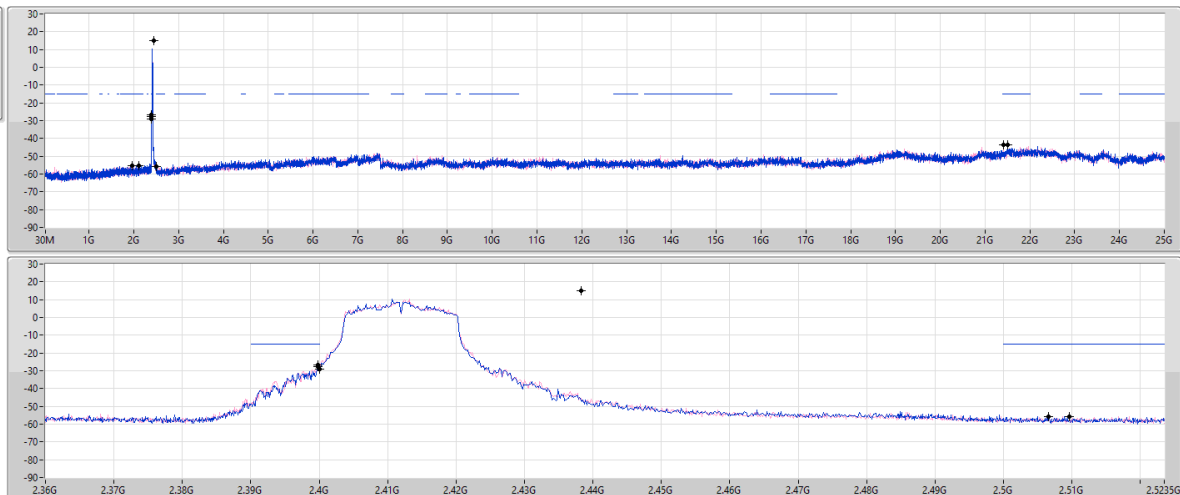
CSEndB

2412MHz

11/09/2025

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

Port 1
Port 2



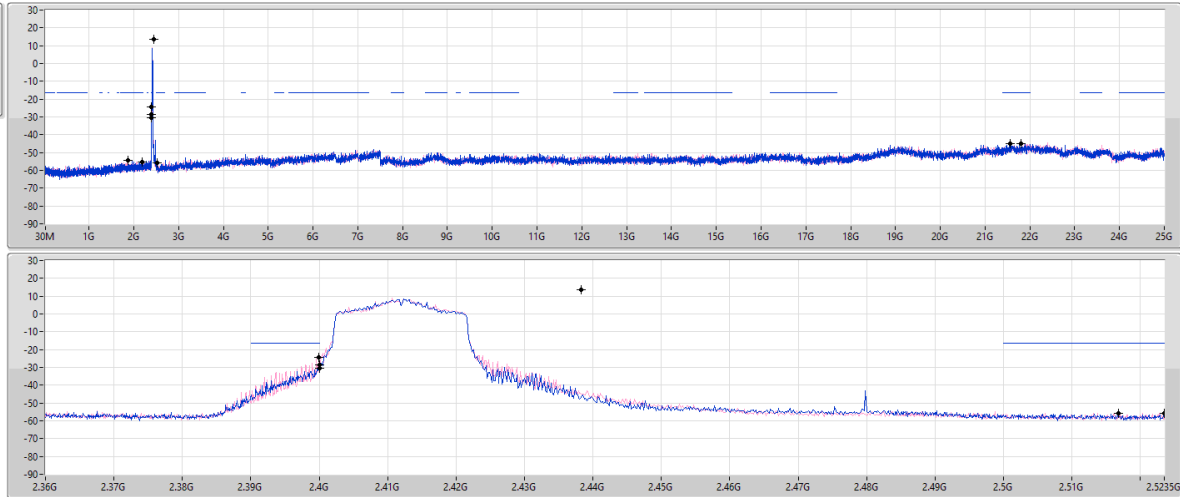
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	14.98	-15.02	2.1037G	-55.53	2.39984G	-27.66	2.4G	-28.95	2.50654G	-55.77	21.51052G	-43.71	1
2.43824G	14.98	-15.02	1.96973G	-55.54	2.39976G	-26.64	2.4G	-28.88	2.50966G	-55.58	21.41219G	-43.74	2

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

CSEndB

2412MHz

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



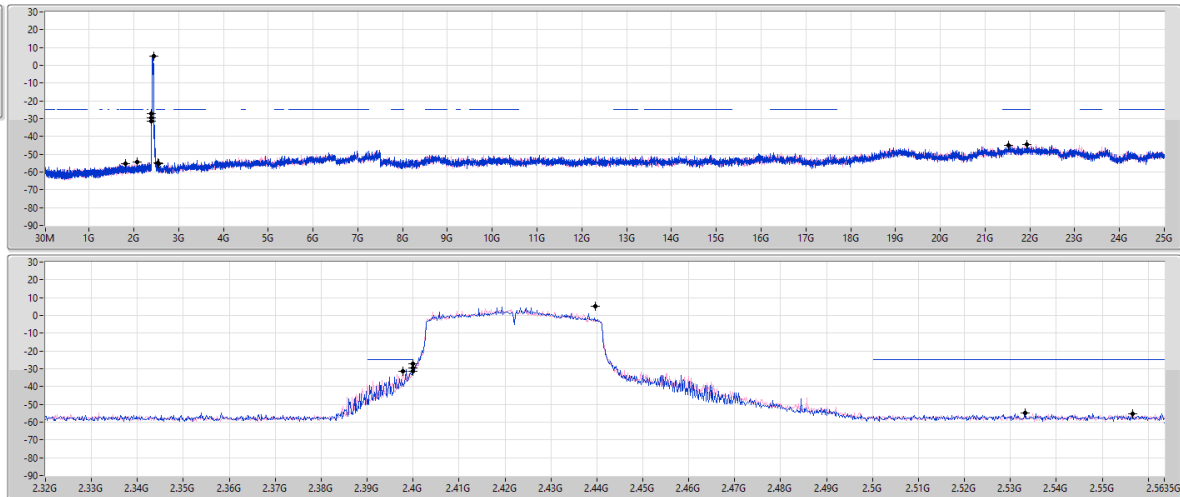
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	13.39	-16.61	1.87187G	-54.38	2.4G	-28.80	2.4G	-30.49	2.5235G	-55.78	21.56952G	-44.81	1
2.43824G	13.39	-16.61	2.19574G	-55.32	2.39992G	-24.55	2.4G	-28.46	2.51686G	-55.58	21.80834G	-44.88	2

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

CSEndB

2422MHz

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



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43958G	5.36	-24.64	1.81048G	-55.51	2.4G	-29.76	2.4G	-27.31	2.5326G	-55.07	21.93742G	-44.72	1
2.43958G	5.36	-24.64	2.0807G	-54.15	2.39776G	-31.23	2.4G	-31.38	2.55662G	-55.16	21.51954G	-44.92	2



Summary

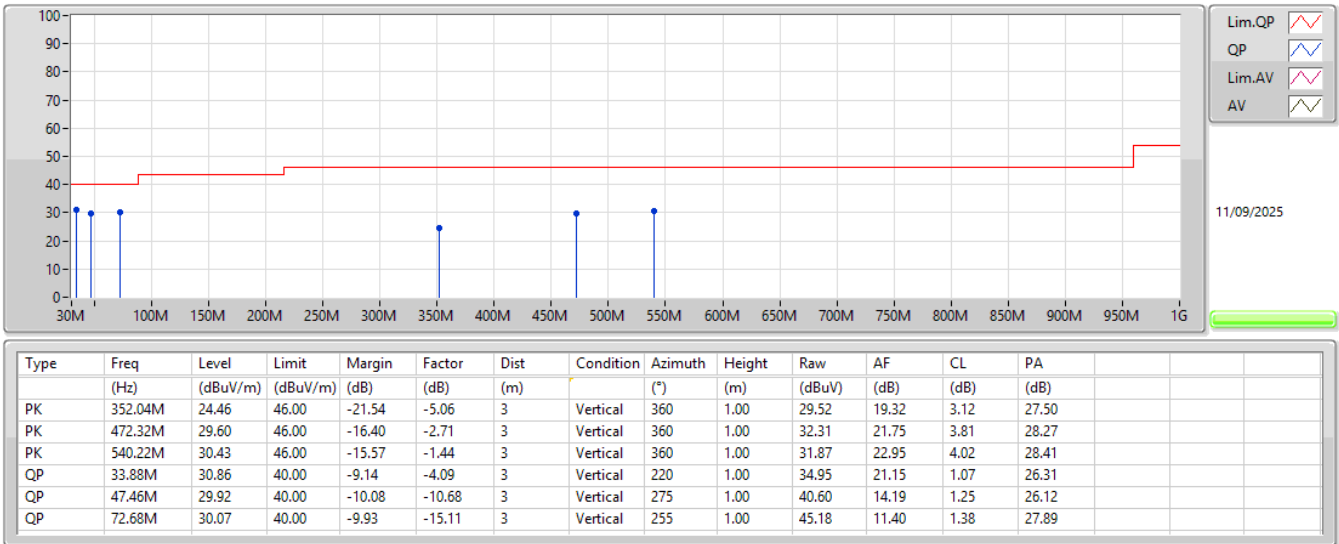
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	30M	33.09	40.00	-6.91	3	Horizontal	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2437MHz_PoE	Pass	PK	352.04M	24.46	46.00	-21.54	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	472.32M	29.60	46.00	-16.40	3	Vertical	360	1.00
2437MHz_PoE	Pass	PK	540.22M	30.43	46.00	-15.57	3	Vertical	360	1.00
2437MHz_PoE	Pass	QP	33.88M	30.86	40.00	-9.14	3	Vertical	220	1.00
2437MHz_PoE	Pass	QP	47.46M	29.92	40.00	-10.08	3	Vertical	275	1.00
2437MHz_PoE	Pass	QP	72.68M	30.07	40.00	-9.93	3	Vertical	255	1.00
2437MHz_PoE	Pass	PK	30M	33.09	40.00	-6.91	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	198.78M	26.80	43.50	-16.70	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	251.16M	23.45	46.00	-22.55	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	381.14M	26.35	46.00	-19.65	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	466.5M	26.31	46.00	-19.69	3	Horizontal	0	1.00
2437MHz_PoE	Pass	PK	643.04M	26.92	46.00	-19.08	3	Horizontal	0	1.00

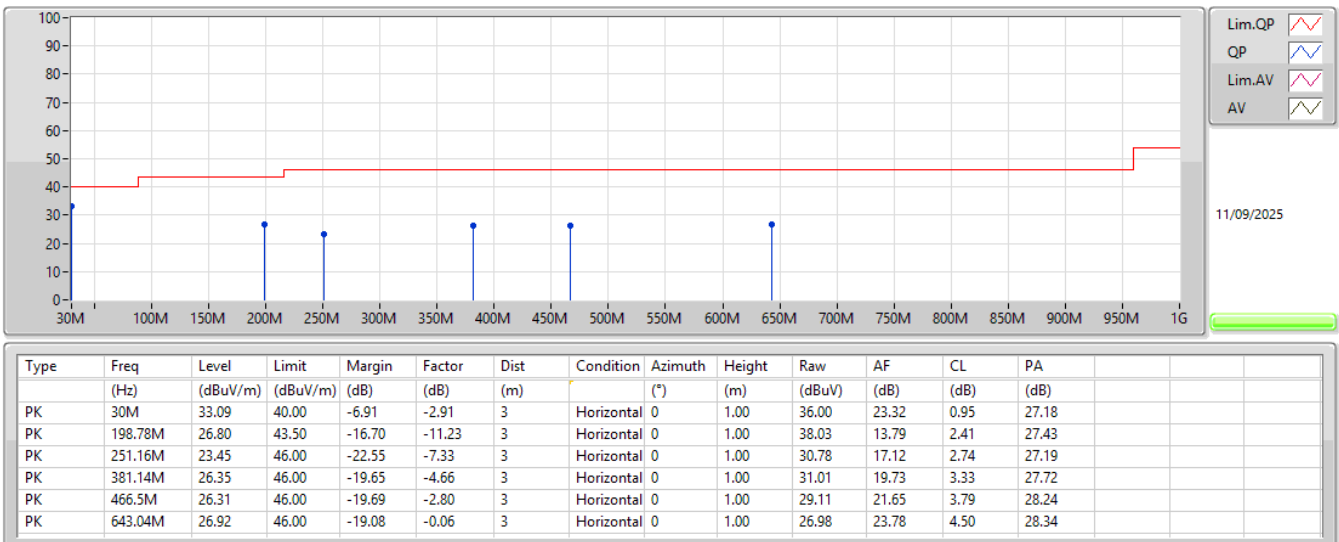
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_PoE



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

2437MHz_PoE





Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.874G	51.98	54.00	-2.02	3	Vertical	354	1.50
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.4835G	52.23	54.00	-1.77	3	Horizontal	306	1.03
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	2.487G	72.16	74.00	-1.84	3	Horizontal	315	2.13
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	2.4835G	72.00	74.00	-2.00	3	Horizontal	306	1.00

Result

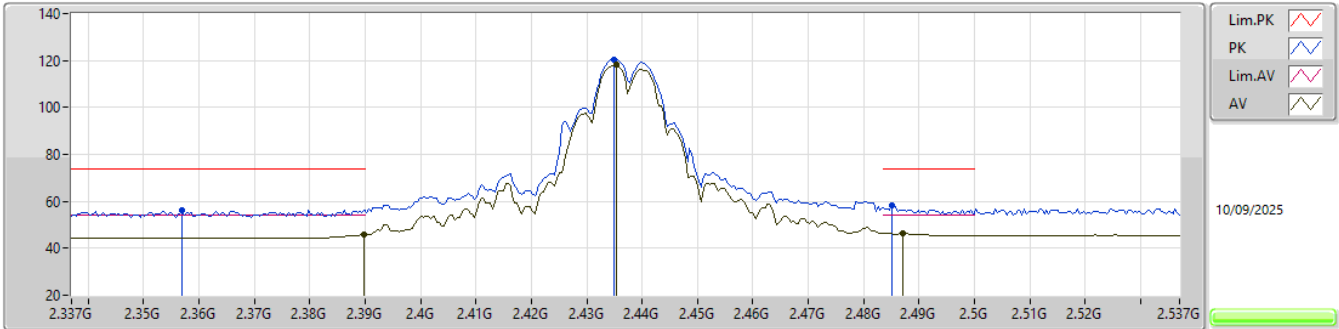
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.06	54.00	-2.94	3	Horizontal	317	1.50
2412MHz	Pass	AV	2.4102G	115.39	Inf	-Inf	3	Horizontal	317	1.50
2412MHz	Pass	PK	2.3898G	60.62	74.00	-13.38	3	Horizontal	317	1.50
2412MHz	Pass	PK	2.4106G	117.62	Inf	-Inf	3	Horizontal	317	1.50
2412MHz	Pass	AV	4.824G	43.87	54.00	-10.13	3	Vertical	346	1.65
2412MHz	Pass	PK	4.82406G	47.67	74.00	-26.33	3	Vertical	346	1.65
2412MHz	Pass	AV	4.824G	41.16	54.00	-12.84	3	Horizontal	19	1.68
2412MHz	Pass	PK	4.82406G	46.35	74.00	-27.65	3	Horizontal	19	1.68
2417MHz	Pass	AV	2.3884G	50.88	54.00	-3.12	3	Horizontal	304	1.08
2417MHz	Pass	AV	2.4162G	121.47	Inf	-Inf	3	Horizontal	304	1.08
2417MHz	Pass	PK	2.3886G	60.34	74.00	-13.66	3	Horizontal	304	1.08
2417MHz	Pass	PK	2.4166G	123.63	Inf	-Inf	3	Horizontal	304	1.08
2417MHz	Pass	AV	4.834G	48.38	54.00	-5.62	3	Vertical	342	1.65
2417MHz	Pass	PK	4.83404G	51.21	74.00	-22.79	3	Vertical	342	1.65
2417MHz	Pass	AV	4.834G	46.98	54.00	-7.02	3	Horizontal	22	1.62
2417MHz	Pass	PK	4.83392G	49.88	74.00	-24.12	3	Horizontal	22	1.62
2437MHz	Pass	AV	2.3898G	45.67	54.00	-8.33	3	Horizontal	308	1.32
2437MHz	Pass	AV	2.4354G	118.10	Inf	-Inf	3	Horizontal	308	1.32
2437MHz	Pass	AV	2.487G	46.47	54.00	-7.53	3	Horizontal	308	1.32
2437MHz	Pass	PK	2.357G	56.21	74.00	-17.79	3	Horizontal	308	1.32
2437MHz	Pass	PK	2.435G	120.46	Inf	-Inf	3	Horizontal	308	1.32
2437MHz	Pass	PK	2.485G	58.18	74.00	-15.82	3	Horizontal	308	1.32
2437MHz	Pass	AV	4.874G	51.98	54.00	-2.02	3	Vertical	354	1.50
2437MHz	Pass	PK	4.874G	55.01	74.00	-18.99	3	Vertical	354	1.50
2437MHz	Pass	AV	4.874G	48.61	54.00	-5.39	3	Horizontal	347	1.48
2437MHz	Pass	PK	4.87408G	51.94	74.00	-22.06	3	Horizontal	347	1.48
2457MHz	Pass	AV	2.4562G	119.30	Inf	-Inf	3	Horizontal	300	1.03
2457MHz	Pass	AV	2.4908G	51.78	54.00	-2.22	3	Horizontal	300	1.03
2457MHz	Pass	PK	2.4566G	121.64	Inf	-Inf	3	Horizontal	300	1.03
2457MHz	Pass	PK	2.4908G	60.53	74.00	-13.47	3	Horizontal	300	1.03
2457MHz	Pass	AV	4.914G	50.80	54.00	-3.20	3	Vertical	350	1.47
2457MHz	Pass	PK	4.91406G	52.84	74.00	-21.16	3	Vertical	350	1.47
2457MHz	Pass	AV	4.914G	48.54	54.00	-5.46	3	Horizontal	337	2.85
2457MHz	Pass	PK	4.914G	51.28	74.00	-22.72	3	Horizontal	337	2.85
2462MHz	Pass	AV	2.4612G	115.59	Inf	-Inf	3	Horizontal	301	1.00
2462MHz	Pass	AV	2.4835G	51.45	54.00	-2.55	3	Horizontal	301	1.00
2462MHz	Pass	PK	2.4616G	117.88	Inf	-Inf	3	Horizontal	301	1.00
2462MHz	Pass	PK	2.4836G	60.68	74.00	-13.32	3	Horizontal	301	1.00
2462MHz	Pass	AV	4.924G	42.60	54.00	-11.40	3	Vertical	349	1.50
2462MHz	Pass	PK	4.924G	46.92	74.00	-27.08	3	Vertical	349	1.50
2462MHz	Pass	AV	4.924G	41.12	54.00	-12.88	3	Horizontal	338	2.81
2462MHz	Pass	PK	4.924G	46.34	74.00	-27.66	3	Horizontal	338	2.81
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	51.72	54.00	-2.28	3	Horizontal	308	1.11
2412MHz	Pass	AV	2.4114G	113.83	Inf	-Inf	3	Horizontal	308	1.11
2412MHz	Pass	PK	2.39G	68.59	74.00	-5.41	3	Horizontal	308	1.11
2412MHz	Pass	PK	2.4126G	121.20	Inf	-Inf	3	Horizontal	308	1.11
2412MHz	Pass	AV	4.82034G	33.60	54.00	-20.40	3	Vertical	330	1.65
2412MHz	Pass	PK	4.81956G	47.24	74.00	-26.76	3	Vertical	330	1.65
2412MHz	Pass	AV	4.82028G	32.18	54.00	-21.82	3	Horizontal	18	1.48
2412MHz	Pass	PK	4.82016G	45.27	74.00	-28.73	3	Horizontal	18	1.48
2417MHz	Pass	AV	2.39G	51.64	54.00	-2.36	3	Horizontal	307	1.12
2417MHz	Pass	AV	2.4164G	115.02	Inf	-Inf	3	Horizontal	307	1.12
2417MHz	Pass	PK	2.3884G	71.40	74.00	-2.60	3	Horizontal	307	1.12
2417MHz	Pass	PK	2.4162G	122.63	Inf	-Inf	3	Horizontal	307	1.12
2437MHz	Pass	AV	2.3898G	49.19	54.00	-4.81	3	Horizontal	306	1.30
2437MHz	Pass	AV	2.4366G	117.41	Inf	-Inf	3	Horizontal	306	1.30
2437MHz	Pass	AV	2.4835G	51.30	54.00	-2.70	3	Horizontal	306	1.30
2437MHz	Pass	PK	2.3878G	63.88	74.00	-10.12	3	Horizontal	306	1.30
2437MHz	Pass	PK	2.4362G	125.26	Inf	-Inf	3	Horizontal	306	1.30

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2437MHz	Pass	PK	2.4858G	71.79	74.00	-2.21	3	Horizontal	306	1.30
2437MHz	Pass	AV	4.87406G	40.23	54.00	-13.77	3	Vertical	353	1.44
2437MHz	Pass	PK	4.874G	53.52	74.00	-20.48	3	Vertical	353	1.44
2437MHz	Pass	AV	4.87742G	37.87	54.00	-16.13	3	Horizontal	360	1.28
2437MHz	Pass	PK	4.87724G	51.75	74.00	-22.25	3	Horizontal	360	1.28
2457MHz	Pass	AV	2.4564G	114.04	Inf	-Inf	3	Horizontal	312	1.14
2457MHz	Pass	AV	2.4835G	52.10	54.00	-1.90	3	Horizontal	312	1.14
2457MHz	Pass	PK	2.4564G	121.47	Inf	-Inf	3	Horizontal	312	1.14
2457MHz	Pass	PK	2.4866G	69.81	74.00	-4.19	3	Horizontal	312	1.14
2462MHz	Pass	AV	2.4614G	111.58	Inf	-Inf	3	Horizontal	306	1.03
2462MHz	Pass	AV	2.4835G	52.23	54.00	-1.77	3	Horizontal	306	1.03
2462MHz	Pass	PK	2.4612G	120.32	Inf	-Inf	3	Horizontal	306	1.03
2462MHz	Pass	PK	2.4835G	65.80	74.00	-8.20	3	Horizontal	306	1.03
2462MHz	Pass	AV	4.92394G	32.04	54.00	-21.96	3	Vertical	354	1.50
2462MHz	Pass	PK	4.92376G	43.84	74.00	-30.16	3	Vertical	354	1.50
2462MHz	Pass	AV	4.9219G	30.57	54.00	-23.43	3	Horizontal	346	3.00
2462MHz	Pass	PK	4.9282G	42.99	74.00	-31.01	3	Horizontal	346	3.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	50.31	54.00	-3.69	3	Horizontal	311	2.17
2412MHz	Pass	AV	2.4126G	109.84	Inf	-Inf	3	Horizontal	311	2.17
2412MHz	Pass	PK	2.3898G	69.74	74.00	-4.26	3	Horizontal	311	2.17
2412MHz	Pass	PK	2.4128G	121.46	Inf	-Inf	3	Horizontal	311	2.17
2412MHz	Pass	AV	4.82412G	31.06	54.00	-22.94	3	Vertical	341	1.73
2412MHz	Pass	PK	4.82394G	46.88	74.00	-27.12	3	Vertical	341	1.73
2412MHz	Pass	AV	4.82436G	30.51	54.00	-23.49	3	Horizontal	19	1.88
2412MHz	Pass	PK	4.82346G	44.27	74.00	-29.73	3	Horizontal	19	1.88
2417MHz	Pass	AV	2.39G	47.89	54.00	-6.11	3	Horizontal	314	2.40
2417MHz	Pass	AV	2.4162G	112.07	Inf	-Inf	3	Horizontal	314	2.40
2417MHz	Pass	PK	2.39G	72.01	74.00	-1.99	3	Horizontal	314	2.40
2417MHz	Pass	PK	2.4164G	124.01	Inf	-Inf	3	Horizontal	314	2.40
2437MHz	Pass	AV	2.3898G	48.48	54.00	-5.52	3	Horizontal	309	1.00
2437MHz	Pass	AV	2.4362G	116.28	Inf	-Inf	3	Horizontal	309	1.00
2437MHz	Pass	AV	2.4835G	49.85	54.00	-4.15	3	Horizontal	309	1.00
2437MHz	Pass	PK	2.3894G	64.29	74.00	-9.71	3	Horizontal	309	1.00
2437MHz	Pass	PK	2.4362G	127.81	Inf	-Inf	3	Horizontal	309	1.00
2437MHz	Pass	PK	2.4862G	69.97	74.00	-4.03	3	Horizontal	309	1.00
2437MHz	Pass	AV	4.87424G	40.65	54.00	-13.35	3	Vertical	354	1.50
2437MHz	Pass	PK	4.87274G	57.46	74.00	-16.54	3	Vertical	354	1.50
2437MHz	Pass	AV	4.87514G	36.56	54.00	-17.44	3	Horizontal	342	2.98
2437MHz	Pass	PK	4.87376G	53.19	74.00	-20.81	3	Horizontal	342	2.98
2457MHz	Pass	AV	2.4562G	110.63	Inf	-Inf	3	Horizontal	315	2.13
2457MHz	Pass	AV	2.4835G	50.68	54.00	-3.32	3	Horizontal	315	2.13
2457MHz	Pass	PK	2.458G	122.53	Inf	-Inf	3	Horizontal	315	2.13
2457MHz	Pass	PK	2.487G	72.16	74.00	-1.84	3	Horizontal	315	2.13
2462MHz	Pass	AV	2.4614G	108.52	Inf	-Inf	3	Horizontal	307	1.03
2462MHz	Pass	AV	2.4835G	52.15	54.00	-1.85	3	Horizontal	307	1.03
2462MHz	Pass	PK	2.4616G	119.62	Inf	-Inf	3	Horizontal	307	1.03
2462MHz	Pass	PK	2.4835G	71.11	74.00	-2.89	3	Horizontal	307	1.03
2462MHz	Pass	AV	4.92334G	29.21	54.00	-24.79	3	Vertical	352	1.50
2462MHz	Pass	PK	4.91338G	41.31	74.00	-32.69	3	Vertical	352	1.50
2462MHz	Pass	AV	4.9213G	28.95	54.00	-25.05	3	Horizontal	338	2.99
2462MHz	Pass	PK	4.93846G	41.02	74.00	-32.98	3	Horizontal	338	2.99
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	50.68	54.00	-3.32	3	Horizontal	311	2.41
2422MHz	Pass	AV	2.4212G	106.61	Inf	-Inf	3	Horizontal	311	2.41
2422MHz	Pass	AV	2.4835G	48.17	54.00	-5.83	3	Horizontal	311	2.41
2422MHz	Pass	PK	2.3868G	71.41	74.00	-2.59	3	Horizontal	311	2.41
2422MHz	Pass	PK	2.4204G	117.52	Inf	-Inf	3	Horizontal	311	2.41
2422MHz	Pass	PK	2.4856G	62.51	74.00	-11.49	3	Horizontal	311	2.41
2422MHz	Pass	AV	4.84424G	29.48	54.00	-24.52	3	Vertical	349	1.52
2422MHz	Pass	PK	4.84316G	42.75	74.00	-31.25	3	Vertical	349	1.52
2422MHz	Pass	AV	4.85216G	28.73	54.00	-25.27	3	Horizontal	327	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2422MHz	Pass	PK	4.87328G	40.81	74.00	-33.19	3	Horizontal	327	1.50
2427MHz	Pass	AV	2.3898G	51.29	54.00	-2.71	3	Horizontal	314	2.42
2427MHz	Pass	AV	2.4258G	106.81	Inf	-Inf	3	Horizontal	314	2.42
2427MHz	Pass	AV	2.4838G	49.59	54.00	-4.41	3	Horizontal	314	2.42
2427MHz	Pass	PK	2.387G	68.87	74.00	-5.13	3	Horizontal	314	2.42
2427MHz	Pass	PK	2.4262G	118.52	Inf	-Inf	3	Horizontal	314	2.42
2427MHz	Pass	PK	2.4835G	62.52	74.00	-11.48	3	Horizontal	314	2.42
2437MHz	Pass	AV	2.3898G	48.88	54.00	-5.12	3	Horizontal	306	1.00
2437MHz	Pass	AV	2.4378G	109.81	Inf	-Inf	3	Horizontal	306	1.00
2437MHz	Pass	AV	2.4835G	50.75	54.00	-3.25	3	Horizontal	306	1.00
2437MHz	Pass	PK	2.3886G	66.08	74.00	-7.92	3	Horizontal	306	1.00
2437MHz	Pass	PK	2.4378G	121.31	Inf	-Inf	3	Horizontal	306	1.00
2437MHz	Pass	PK	2.4835G	72.00	74.00	-2.00	3	Horizontal	306	1.00
2437MHz	Pass	AV	4.87484G	30.91	54.00	-23.09	3	Vertical	349	1.63
2437MHz	Pass	PK	4.87508G	43.62	74.00	-30.38	3	Vertical	349	1.63
2437MHz	Pass	AV	4.87664G	29.47	54.00	-24.53	3	Horizontal	348	1.44
2437MHz	Pass	PK	4.87328G	41.97	74.00	-32.03	3	Horizontal	348	1.44
2447MHz	Pass	AV	2.3894G	45.27	54.00	-8.73	3	Horizontal	315	2.64
2447MHz	Pass	AV	2.445G	105.17	Inf	-Inf	3	Horizontal	315	2.64
2447MHz	Pass	AV	2.4835G	49.82	54.00	-4.18	3	Horizontal	315	2.64
2447MHz	Pass	PK	2.3894G	57.64	74.00	-16.36	3	Horizontal	315	2.64
2447MHz	Pass	PK	2.443G	117.05	Inf	-Inf	3	Horizontal	315	2.64
2447MHz	Pass	PK	2.4846G	70.96	74.00	-3.04	3	Horizontal	315	2.64
2452MHz	Pass	AV	2.39G	45.28	54.00	-8.72	3	Horizontal	316	2.14
2452MHz	Pass	AV	2.4508G	104.10	Inf	-Inf	3	Horizontal	316	2.14
2452MHz	Pass	AV	2.4835G	48.92	54.00	-5.08	3	Horizontal	316	2.14
2452MHz	Pass	PK	2.358G	58.12	74.00	-15.88	3	Horizontal	316	2.14
2452MHz	Pass	PK	2.4512G	115.01	Inf	-Inf	3	Horizontal	316	2.14
2452MHz	Pass	PK	2.486G	70.90	74.00	-3.10	3	Horizontal	316	2.14
2452MHz	Pass	AV	4.90448G	28.93	54.00	-25.07	3	Vertical	344	1.50
2452MHz	Pass	PK	4.90124G	41.12	74.00	-32.88	3	Vertical	344	1.50
2452MHz	Pass	AV	4.87508G	29.04	54.00	-24.96	3	Horizontal	215	2.21
2452MHz	Pass	PK	4.89812G	40.78	74.00	-33.22	3	Horizontal	215	2.21

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

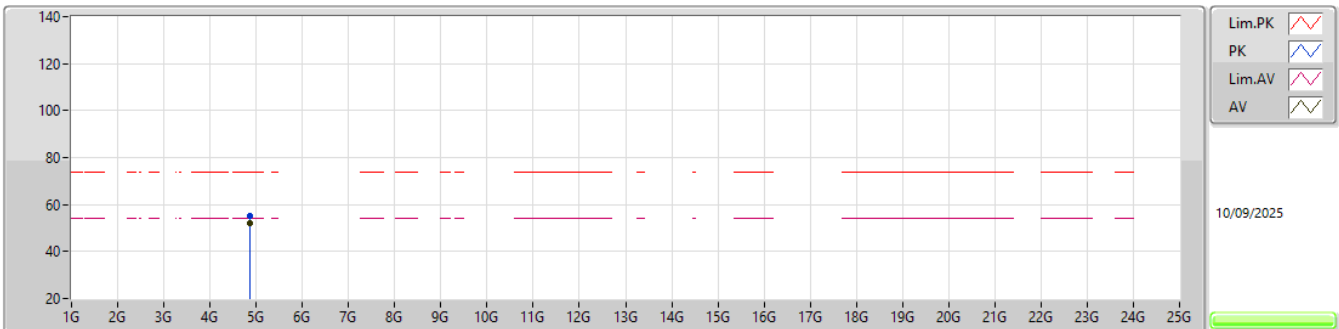
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3898G	45.67	54.00	-8.33	31.55	3	Horizontal	308	1.32	14.12	27.30	4.25	-
AV	2.4354G	118.10	Inf	-Inf	31.88	3	Horizontal	308	1.32	86.22	27.60	4.28	-
AV	2.487G	46.47	54.00	-7.53	32.17	3	Horizontal	308	1.32	14.30	27.87	4.30	-
PK	2.357G	56.21	74.00	-17.79	31.41	3	Horizontal	308	1.32	24.80	27.20	4.21	-
PK	2.435G	120.46	Inf	-Inf	31.88	3	Horizontal	308	1.32	88.58	27.60	4.28	-
PK	2.485G	58.18	74.00	-15.82	32.15	3	Horizontal	308	1.32	26.03	27.85	4.30	-

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

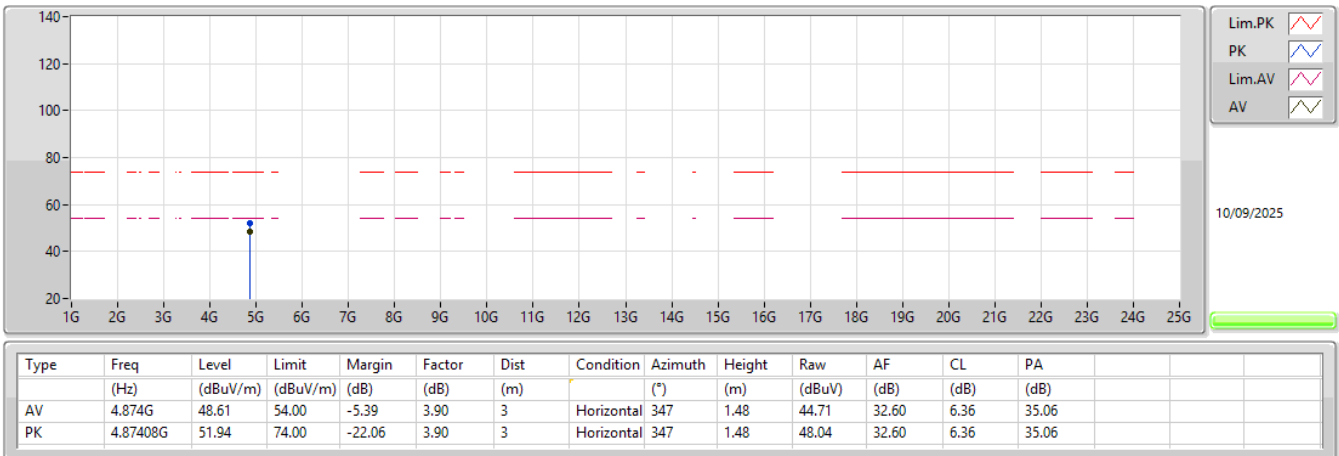
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	4.874G	51.98	54.00	-2.02	3.90	3	Vertical	354	1.50	48.08	32.60	6.36	35.06
PK	4.874G	55.01	74.00	-18.99	3.90	3	Vertical	354	1.50	51.11	32.60	6.36	35.06

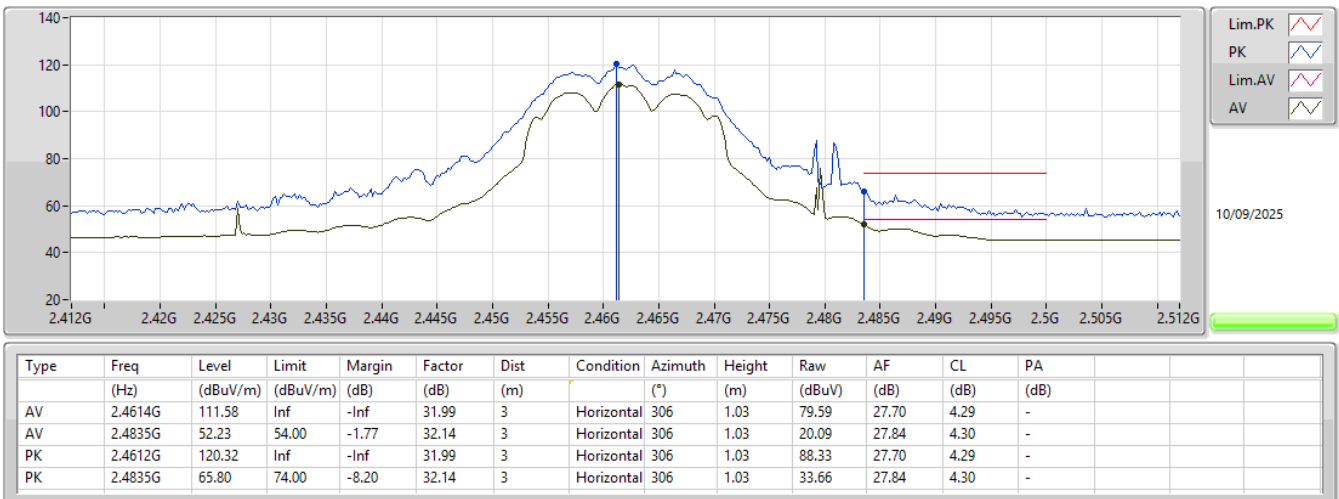
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2437MHz_TX



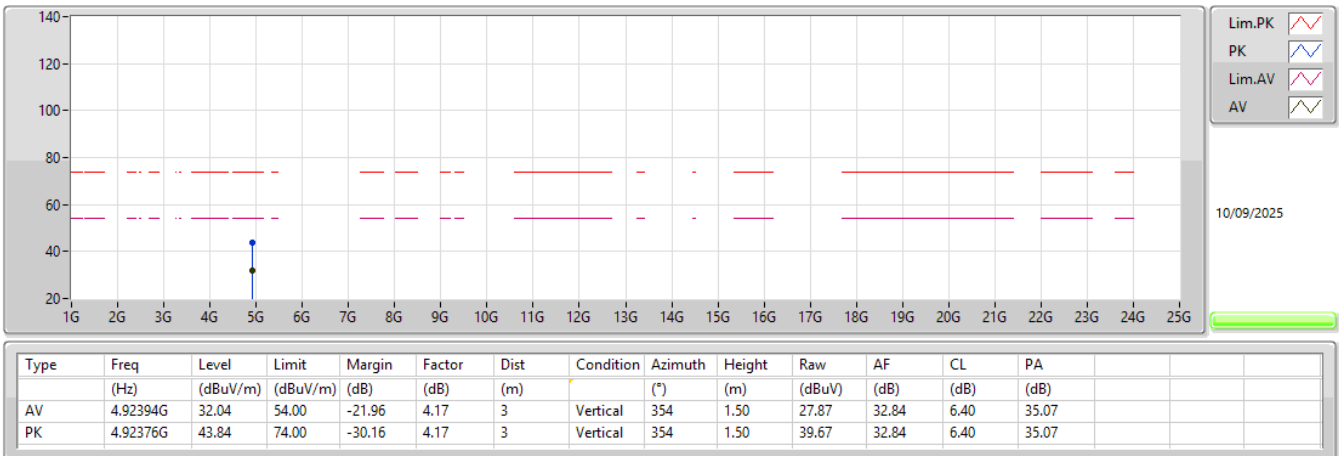
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2462MHz_TX



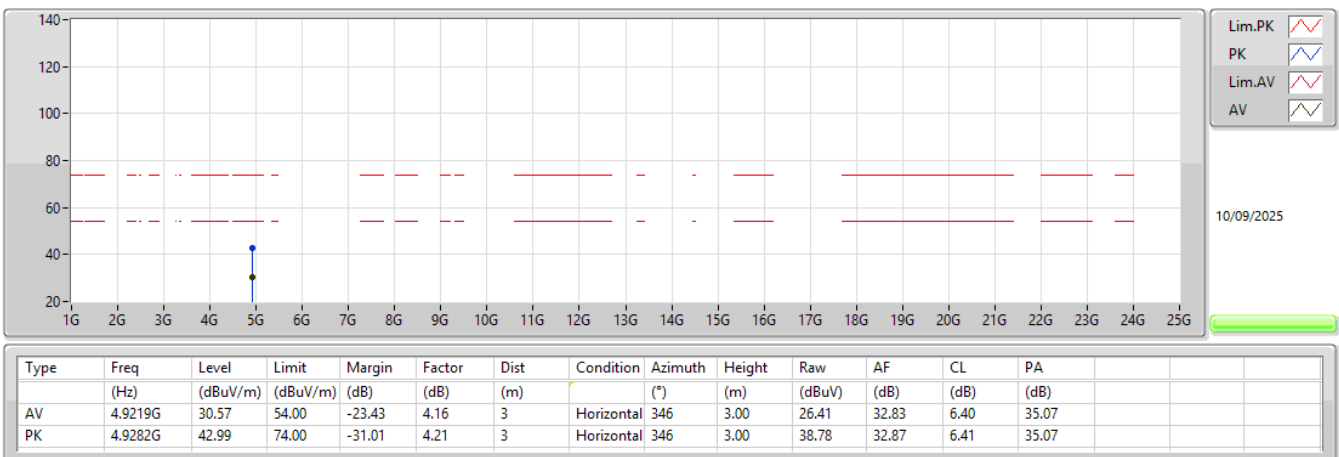
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2462MHz_TX



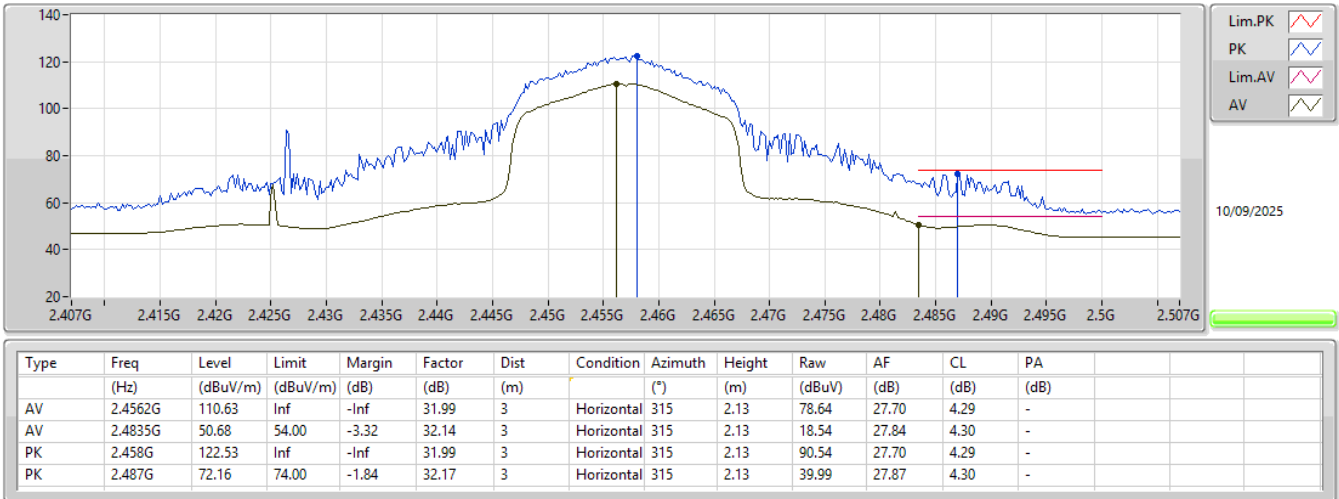
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2462MHz_TX



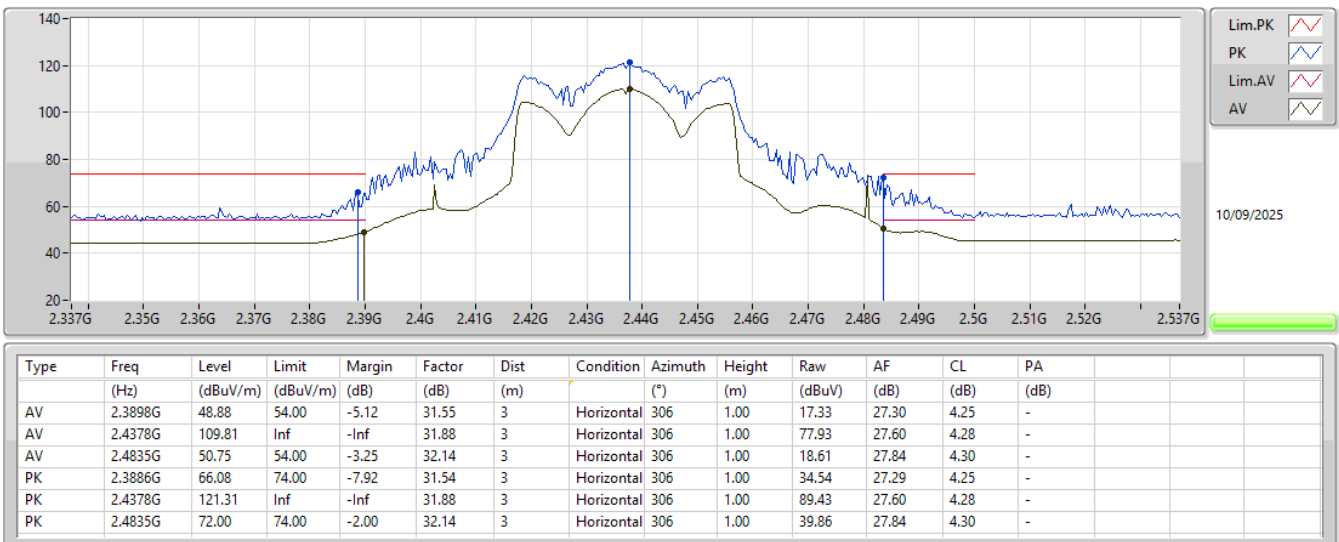
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2457MHz_TX



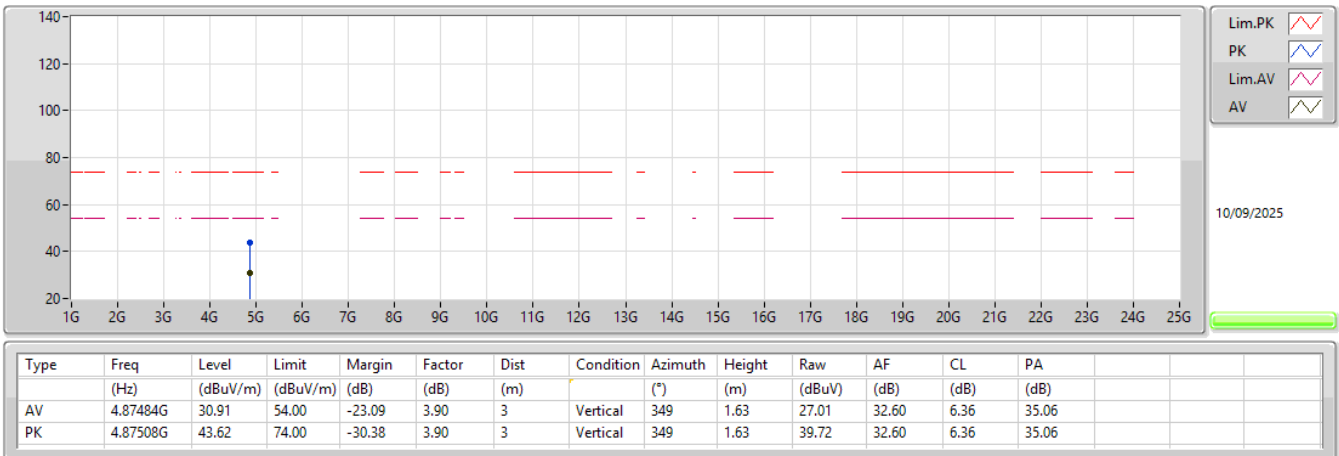
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2437MHz_TX



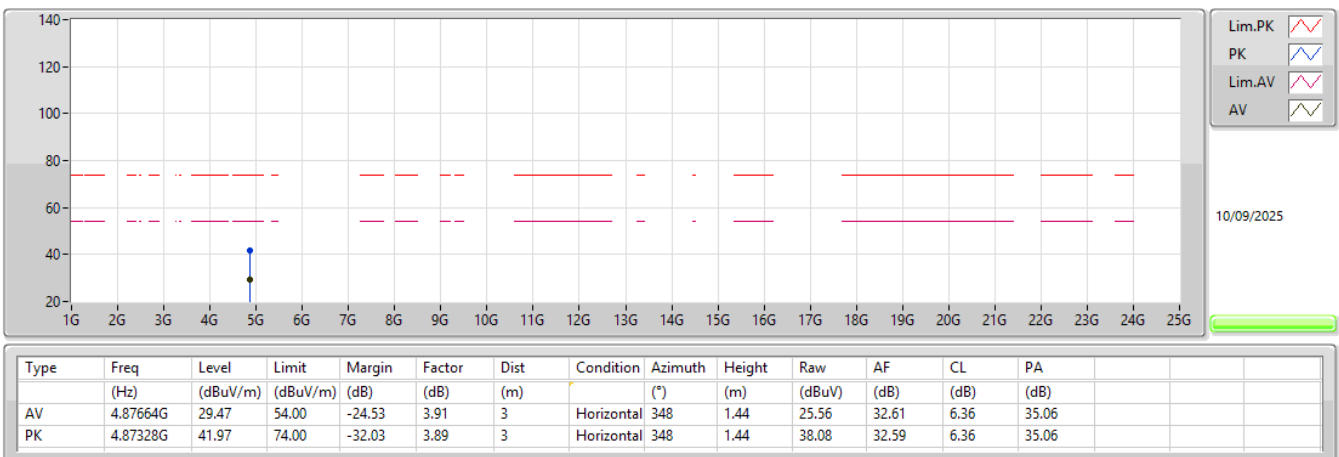
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_TX



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

2437MHz_TX





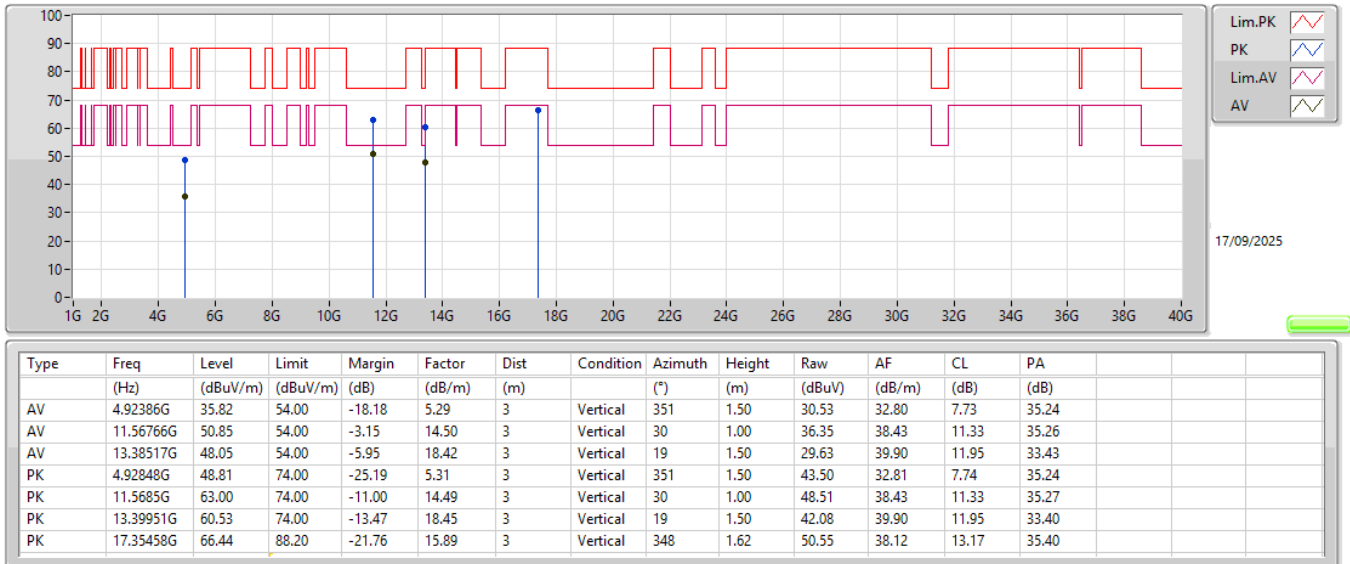
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	11.56766G	50.85	54.00	-3.15	Vertical

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.92386G	35.82	54.00	-18.18	3	Vertical	351	1.50
Mode 1	Pass	AV	11.56766G	50.85	54.00	-3.15	3	Vertical	30	1.00
Mode 1	Pass	AV	13.38517G	48.05	54.00	-5.95	3	Vertical	19	1.50
Mode 1	Pass	PK	4.92848G	48.81	74.00	-25.19	3	Vertical	351	1.50
Mode 1	Pass	PK	11.5685G	63.00	74.00	-11.00	3	Vertical	30	1.00
Mode 1	Pass	PK	13.39951G	60.53	74.00	-13.47	3	Vertical	19	1.50
Mode 1	Pass	PK	17.35458G	66.44	88.20	-21.76	3	Vertical	348	1.62
Mode 1	Pass	AV	4.9242G	35.68	54.00	-18.32	3	Horizontal	4	1.96
Mode 1	Pass	AV	11.56034G	48.72	54.00	-5.28	3	Horizontal	52	1.50
Mode 1	Pass	AV	13.39264G	48.09	54.00	-5.91	3	Horizontal	51	1.08
Mode 1	Pass	PK	4.92786G	47.90	74.00	-26.10	3	Horizontal	4	1.96
Mode 1	Pass	PK	11.56106G	61.29	74.00	-12.71	3	Horizontal	52	1.50
Mode 1	Pass	PK	13.38676G	60.33	74.00	-13.67	3	Horizontal	51	1.08
Mode 1	Pass	PK	17.35614G	65.65	88.20	-22.55	3	Horizontal	20	1.00

Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

