

FCC Radio Test Report

FCC ID : S7Q-P04
Contains FCC ID : S7Q-S04
Equipment : Gateway
Brand Name : TECHMAN or 
Model Name : IW-3240H
Applicant : Quanta Storage Inc.
6F., No. 58-2, Huaya 2nd Rd., Guishan Dist.,
Taoyuan City, Taiwan
Manufacturer : TECHMAN ELECTRONICS (THAILAND) CO.,LTD
236 – 237 Moo.2, Tambon Nongchark, Banbung,
Chonburi 20170 Thailand
Standard : 47 CFR FCC Part 15.247

The product was received on Oct. 07, 2025, and testing was started from Oct. 07, 2025 and completed on Oct. 31, 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 + Errata to 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
FR5O0134AC	01	Initial issue of report	Nov. 28, 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.

The EUT is considered a Class A device. After verification, the frequency 49.4 MHz / 264.75 MHz / 650.8 MHz for Dipole antenna and 47.46 MHz / 255.04 MHz for PIFA antenna in the Radiated Emissions below 1GHz Test was excluded, which was not generated by the RF transmitter. However, it is complied with FCC Part 15 Subpart B Class A limit.

Reviewed by: Sam Tsai

Report Producer: Amber Chiu

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), ax(HEW20), be (EHT20)	2412-2462	1-11 [11]
2400-2483.5	n (HT40), 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.
- ♦ 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/HEW20/HEW40 mode are the same or lower than EHT20/EHT40.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Aristotle	RFA-27-C57-U-B70-1	Dipole	Reverse SMA	2.4G+5G	Radio 1
2	Aristotle	RFA-27-C57-U-B70-1	Dipole	Reverse SMA	2.4G+5G	Radio 1
3	Aristotle	RFA-27-C57-U-B70-1	Dipole	Reverse SMA	2.4G+5G	Radio 1
4	Aristotle	RFA-27-C57-U-B70-1	Dipole	Reverse SMA	2.4G+5G	Radio 1
5	Aristotle	RFA-S1-C57-U-B70-1	Dipole	SMA	HaLow	Radio 2
6	Aristotle	RFA-J15-T379-5-3M	PIFA	Reverse SMA	2.4G+5G	Radio 1
7			PIFA	Reverse SMA	2.4G+5G	Radio 1
8			PIFA	Reverse SMA	2.4G+5G	Radio 1
9			PIFA	Reverse SMA	2.4G+5G	Radio 1
10			PIFA	SMA	HaLow	Radio 2

Ant.	Gain (dBi)					
	2.4G	5G				HaLow
		UNII-1	UNII-2A	UNII-2C	UNII-3	
1	1.45	3.89	3.89	3.89	3.89	-
2	1.45	3.89	3.89	3.89	3.89	-
3	1.45	3.89	3.89	3.89	3.89	-
4	1.45	3.89	3.89	3.89	3.89	-
5	-	-	-	-	-	0.8
6	1.11	0.26	0.26	0.26	0.26	-
7	1.87	1.53	1.53	1.53	1.53	-
8	1.63	0.88	0.88	0.88	0.88	-
9	1.63	0.88	0.88	0.88	0.88	-
10	-	-	-	-	-	2.9

Note 1: The EUT has ten antennas.

For 2.4GHz function:

For IEEE 802.11 b/g/n/ax/be mode (2TX/2RX) (Chain0~Chain1)

< Dipole > Ant. 1 or Ant 2 or Ant.3 or Ant. 4 transmit/receive simultaneously.

< PIFA > Ant. 6 or Ant 7 or Ant.8 or Ant. 9 transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode(4TX/4RX) (Chain0~Chain3)

< Dipole > Ant. 1 and Ant. 2 and Ant. 3 and Ant. 4 transmit/receive simultaneously.

< PIFA > Ant. 6 and Ant. 7 and Ant. 8 and Ant. 9 transmit/receive simultaneously.

For SRD function:

For SRD function (1TX/1RX)

Ant. 5 or Ant. 10 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 $N_{ANT} \leq 4$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{IS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From DC Power supply		
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_Dipole

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11b_Nss1,(1Mbps)_2TX	0.985	0.07	693.75u	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.981	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.981	0.08	5.456m	10Hz (DC>=0.98)

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

Non-Beamforming_PIFA

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11b_Nss1,(1Mbps)_2TX	0.985	0.07	693.75u	10Hz (DC>=0.98)
802.11g_Nss1,(6Mbps)_2TX	0.992	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.981	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.981	0.08	5.456m	10Hz (DC>=0.98)

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

Beamforming_Dipole

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.981	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.981	0.08	5.456m	10Hz (DC>=0.98)

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

Beamforming_PIFA

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.981	0.08	5.456m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.981	0.08	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 + Errata to 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	Lego Lin	21.5~21.9°C / 60~65%	28/Oct/2025
RF Conducted	TH01-HY	Sonic Li	23.1~23.5°C / 52~55%	09/Oct/2025~23/Oct/2025
Radiated	03CH02-HY	Vasari Huang	22.2~23.4°C / 50~52%	07/Oct/2025~31/Oct/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.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (Co-location)	03CH25-HY	Vasari Huang	22.5~22.7°C / 51~52%	15/Oct/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
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_Dipole

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	24
2437MHz	24
2462MHz	24
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	23.5
2417MHz	24
2437MHz	24
2462MHz	24
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	23
2417MHz	24
2437MHz	24
2457MHz	24
2462MHz	23
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	23.5
2427MHz	23
2437MHz	24
2447MHz	22
2452MHz	21

**Non-Beamforming_PIFA**

Mode	Power Setting
802.11b_Nss1,(1Mbps)_2TX	-
2412MHz	24
2437MHz	24
2462MHz	24
802.11g_Nss1,(6Mbps)_2TX	-
2412MHz	23.5
2417MHz	24
2437MHz	24
2462MHz	24
802.11be EHT20_Nss1,(MCS0)_2TX	-
2412MHz	23
2417MHz	24
2437MHz	24
2457MHz	24
2462MHz	23
802.11be EHT40_Nss1,(MCS0)_2TX	-
2422MHz	23.5
2427MHz	23
2437MHz	24
2447MHz	22
2452MHz	21

**Beamforming_Dipole**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	23
2417MHz	24
2437MHz	24
2457MHz	24
2462MHz	23
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	23.5
2427MHz	23
2437MHz	24
2447MHz	22
2452MHz	21

Beamforming_PIFA

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
2412MHz	23
2417MHz	24
2437MHz	24
2457MHz	24
2462MHz	23
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
2422MHz	23.5
2427MHz	23
2437MHz	24
2447MHz	22
2452MHz	21

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	DC Power Supply 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	DC Power Supply mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT		V (Dipole)	V (PIFA)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement
Operating Mode	CTX
1	WLAN 2.4G+ WLAN 5G+ HaLow
Refer to Sporton Test Report No.: FA500134 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
DIN-RAIL mounting bracket kit	Brand Name	You Chang Hardware Co., Ltd		
	Model Name	35mm Din Rail Clip		
DC power male terminal block	Brand Name	PHOENIX CONTACT		
	Model Name	1778014 (CONNECTOR,TERM BLOCK PLUG 5POS STR 5.08MM)		
Digital I/O male terminal block	Brand Name	PHOENIX CONTACT		
	Model Name	1847107 (CONNECTOR, TERM BLOCK PLUG 7POS STR 3.5MM)		
DB9 female connector to RJ45 console cable	Brand Name	JOIN TEK CORPORATION CO.,LTD.		
	Model Name	DB9F-1204-D001		
	Signal Line	1.5 meter, non-shielded cable, w/o ferrite core		
SFP Ethernet port Dust cover	Brand Name	Hua Thai		
	Model Name	SFP Dust Cover		
Antennas	Brand Name	Aristotle	Model Name	RFA-27-C57-U-B70-1
Antennas	Brand Name	Aristotle	Model Name	RFA-S1-C57-U-B70-1
Antennas	Brand Name	Aristotle	Model Name	RFA-J15-T379-5-3M

Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

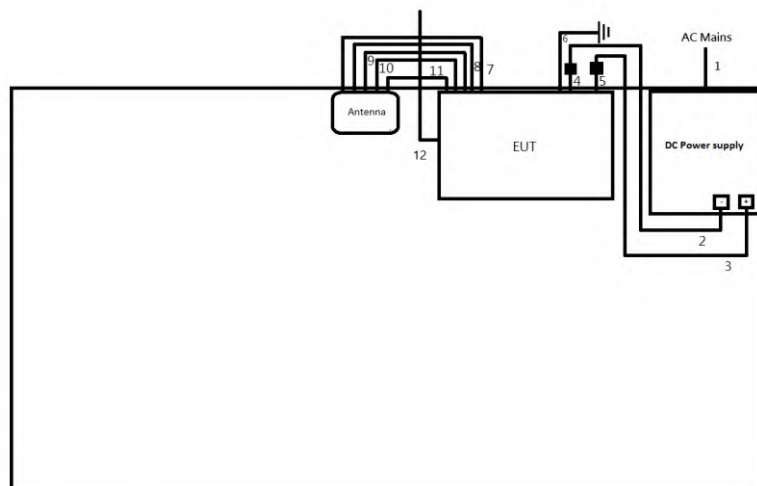
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	DC Power Supply	G.W.	GPS-3030DD	-	-
2	AC Power cable	Power sync	PW-GPC180-3	-	-
3	DC Power cable(-)	MiSUMi	WTN1229-BLACK	-	-
4	DC Power cable(+)	MiSUMi	WTN1229-RED	-	-
5	Ground Wire	Sporton	Sporton	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	DC Power Cable	MiSUMi	WTN1229-BLACK	-	-
4	DC Power Cable	MiSUMi	WTN1229-RED	-	-
5	DC power supply	GW	GPS-3030DD	-	-
6	SFP Module*2	APAC Opto Electronics Inc	ASFPT-TNBT-I-RA	-	Provided by Customer
7	Hygrothermograph	Weihai JXCT	XBS-J001-TH-RS	-	Provided by Customer

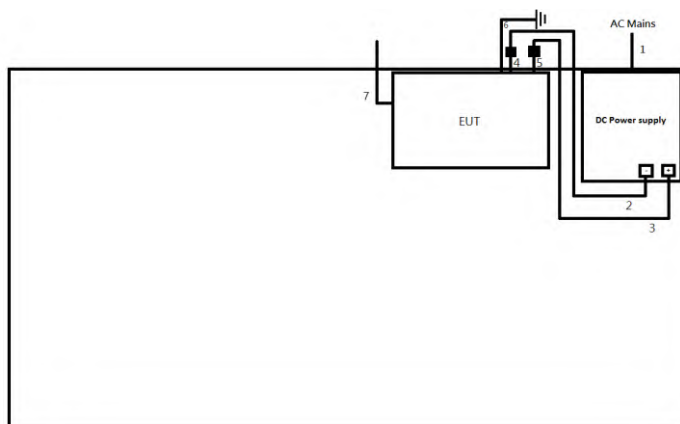
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	DC Power Supply	G.W.	GPS-3030DD	-	-
2	AC Power cable	Power sync	PW-GPC180-3	-	-
3	DC Power cable(-)	MiSUMi	WTN1229-BLACK	-	-
4	DC Power cable(+)	MiSUMi	WTN1229-RED	-	-
5	Ground Wire	Sporton	Sporton	-	-

2.5 Test Setup Diagram

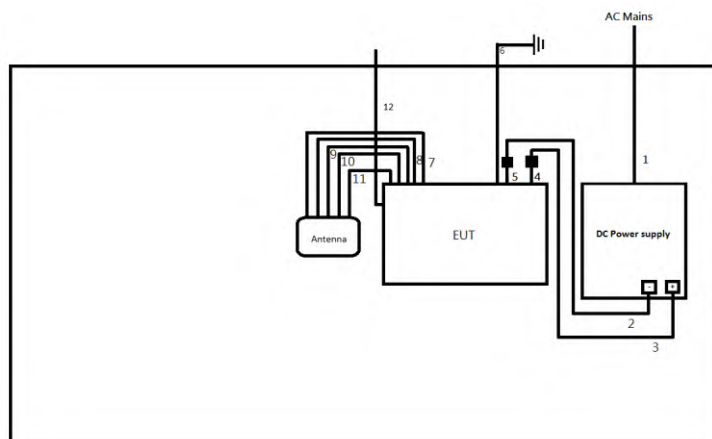
Test Setup Diagram – AC Line Conducted Emission Test_PIFA



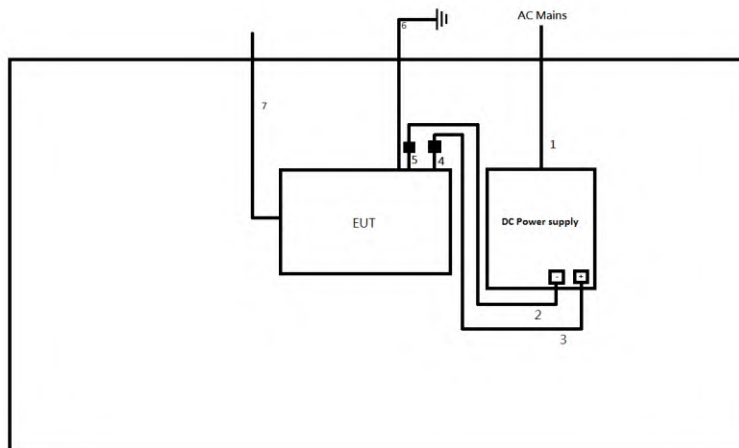
Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.5	-
2	DC Power Cable(-)	No	1.0	-
3	DC Power Cable(+)	No	1.0	-
4	DC Power Cable(-)	No	0.1	-
5	DC Power Cable(+)	No	0.1	-
6	Ground Wire	No	2.0	-
7	Ant Cable	No	1.5	-
8	Ant Cable	No	1.5	-
9	Ant Cable	No	1.5	-
10	Ant Cable	No	1.5	-
11	Ant Cable	No	1.5	-
12	DB9 female connector to RJ45 console Cable	No	1.5	-

Test Setup Diagram – AC Line Conducted Emission Test Dipole


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.5	-
2	DC Power Cable(-)	No	1.0	-
3	DC Power Cable(+)	No	1.0	-
4	DC Power Cable(-)	No	0.1	-
5	DC Power Cable(+)	No	0.1	-
6	Ground Wire	No	2.0	-
7	DB9 female connector to RJ45 console cable	No	1.5	-

Test Setup Diagram - Radiated Test_PIFA


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.5	-
2	DC Power Cable(-)	No	1.0	-
3	DC Power Cable(+)	No	1.0	-
4	DC Power Cable(-)	No	0.1	-
5	DC Power Cable(+)	No	0.1	-
6	Ground Wire	No	2.0	-
7	Ant Cable	No	1.5	-
8	Ant Cable	No	1.5	-
9	Ant Cable	No	1.5	-
10	Ant Cable	No	1.5	-
11	Ant Cable	No	1.5	-
12	DB9 female connector to RJ45 console Cable	No	1.5	-

Test Setup Diagram - Radiated Test_Dipole


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.5	-
2	DC Power Cable(-)	No	1.0	-
3	DC Power Cable(+)	No	1.0	-
4	DC Power Cable(-)	No	0.1	-
5	DC Power Cable(+)	No	0.1	-
6	Ground Wire	No	2.0	-
7	DB9 female connector to RJ45 console Cable	No	1.5	-

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

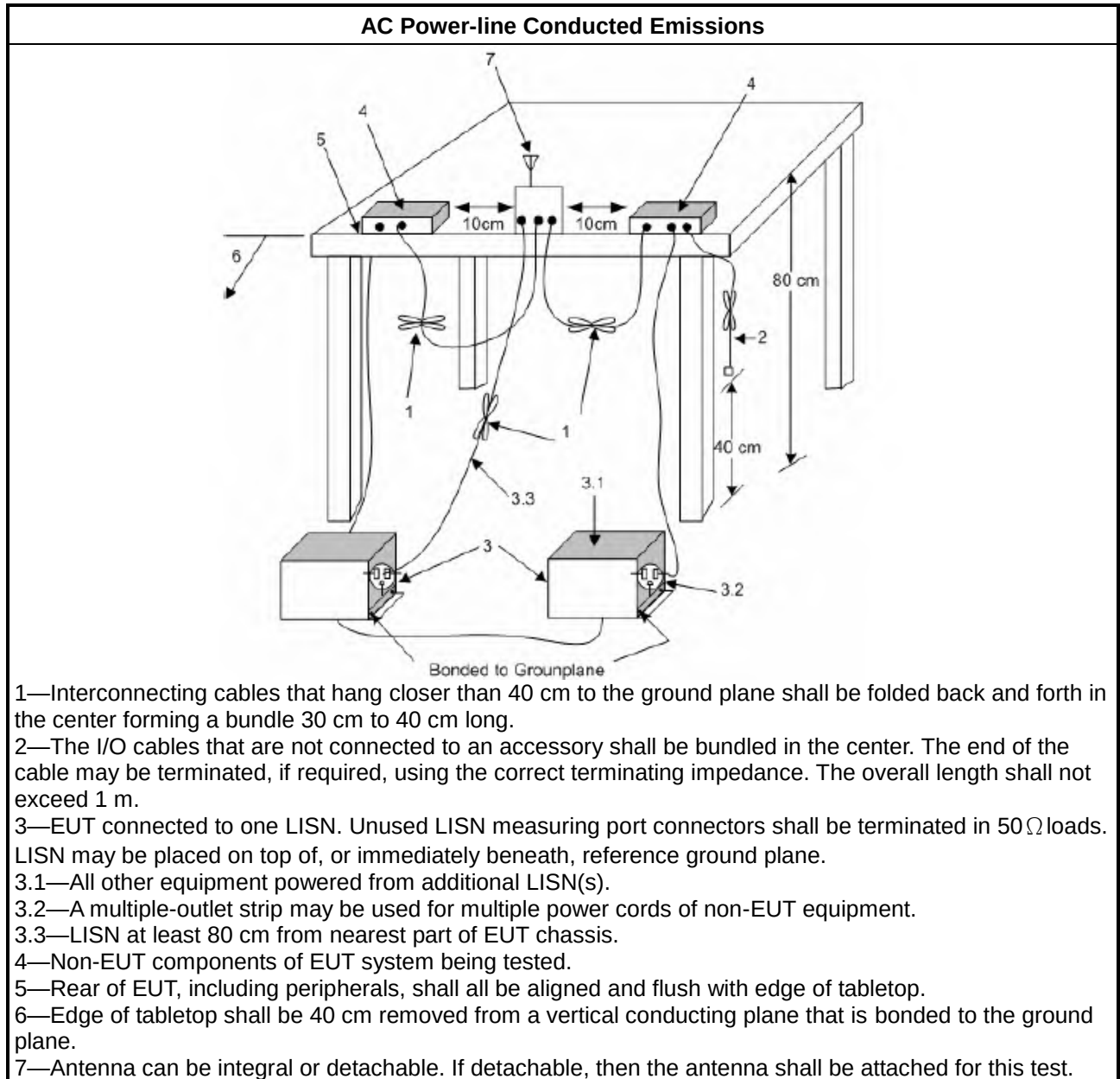
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

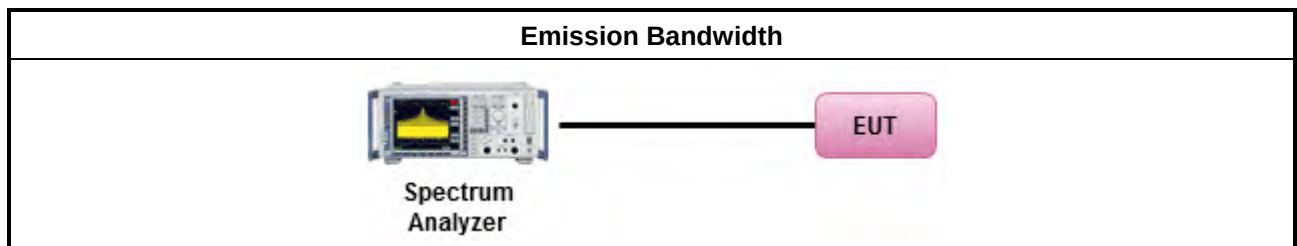
3.2.2 Measuring Instruments

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.	

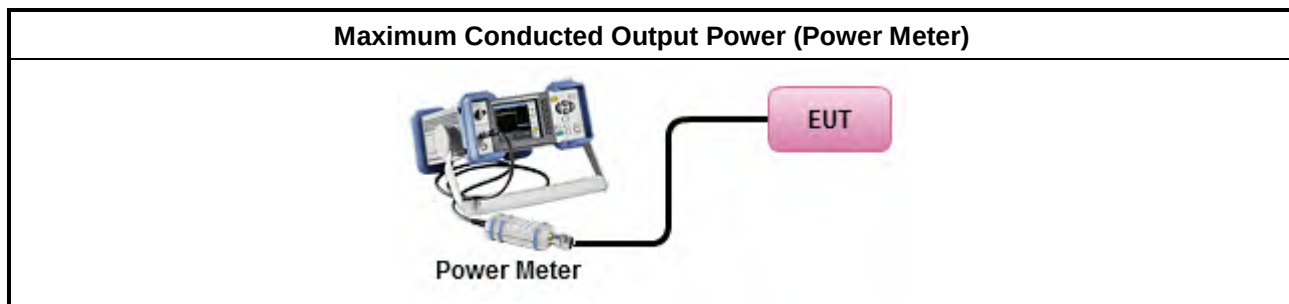
3.3.2 Measuring Instruments

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

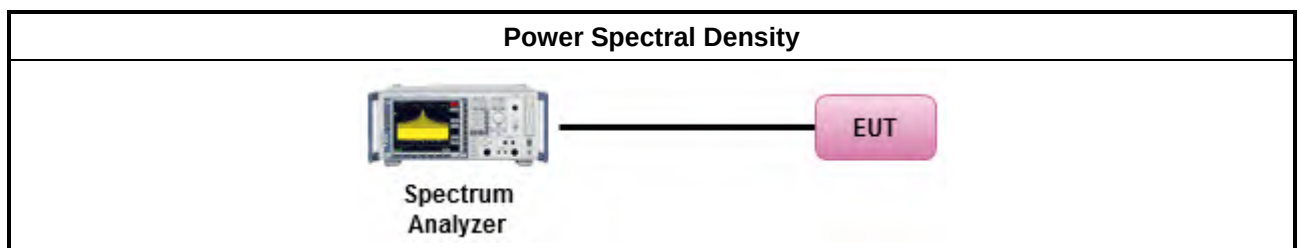
3.4.2 Measuring Instruments

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.	

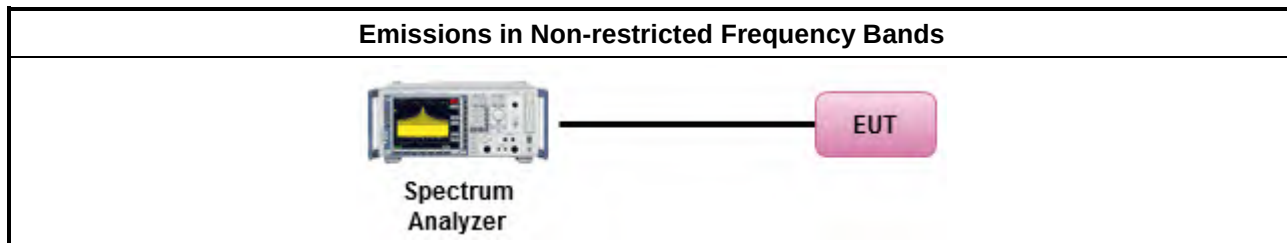
3.5.2 Measuring Instruments

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

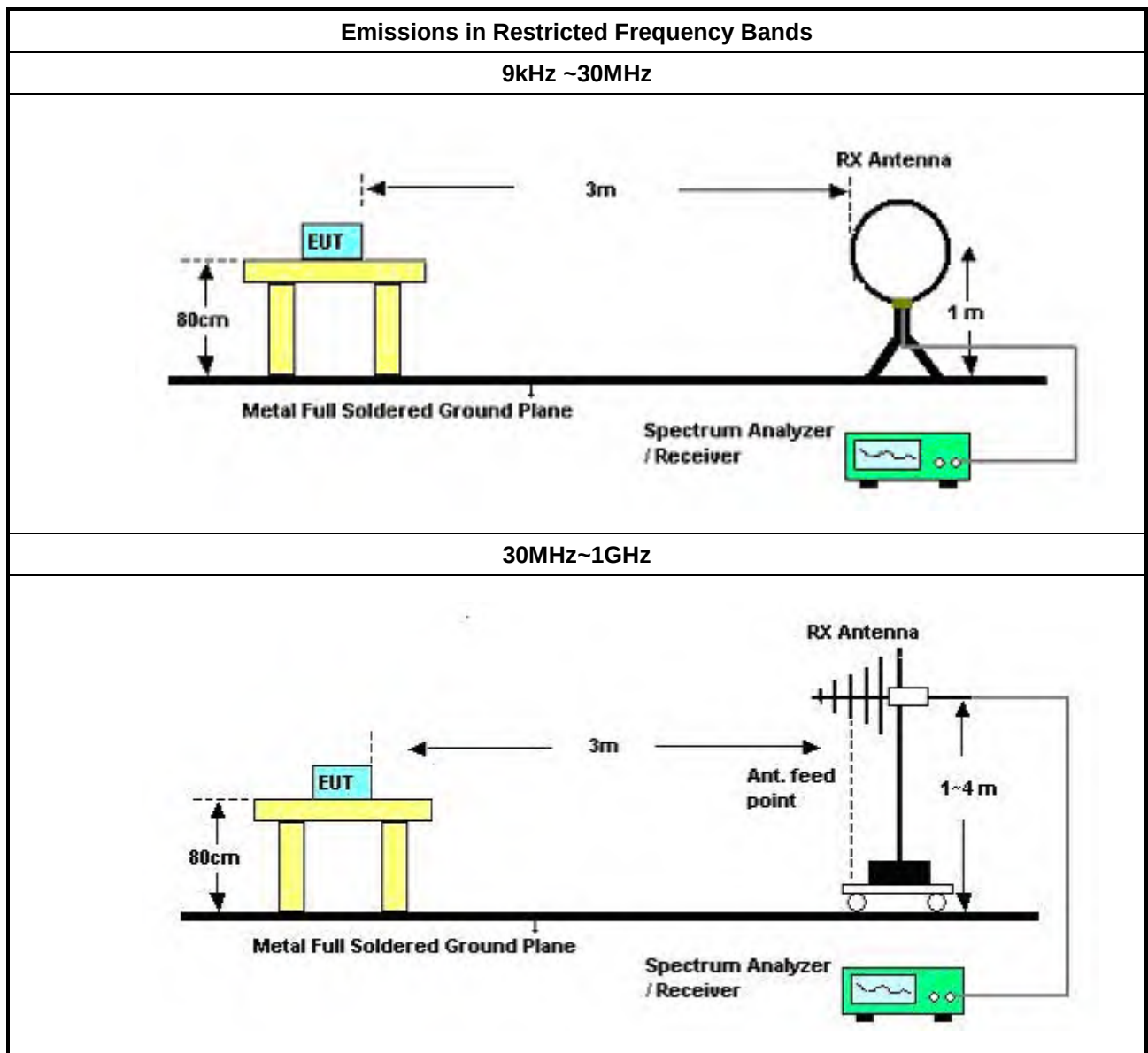
Test Method	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
Refer as ANSI C63.10, clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.	
For the transmitter unwanted 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.

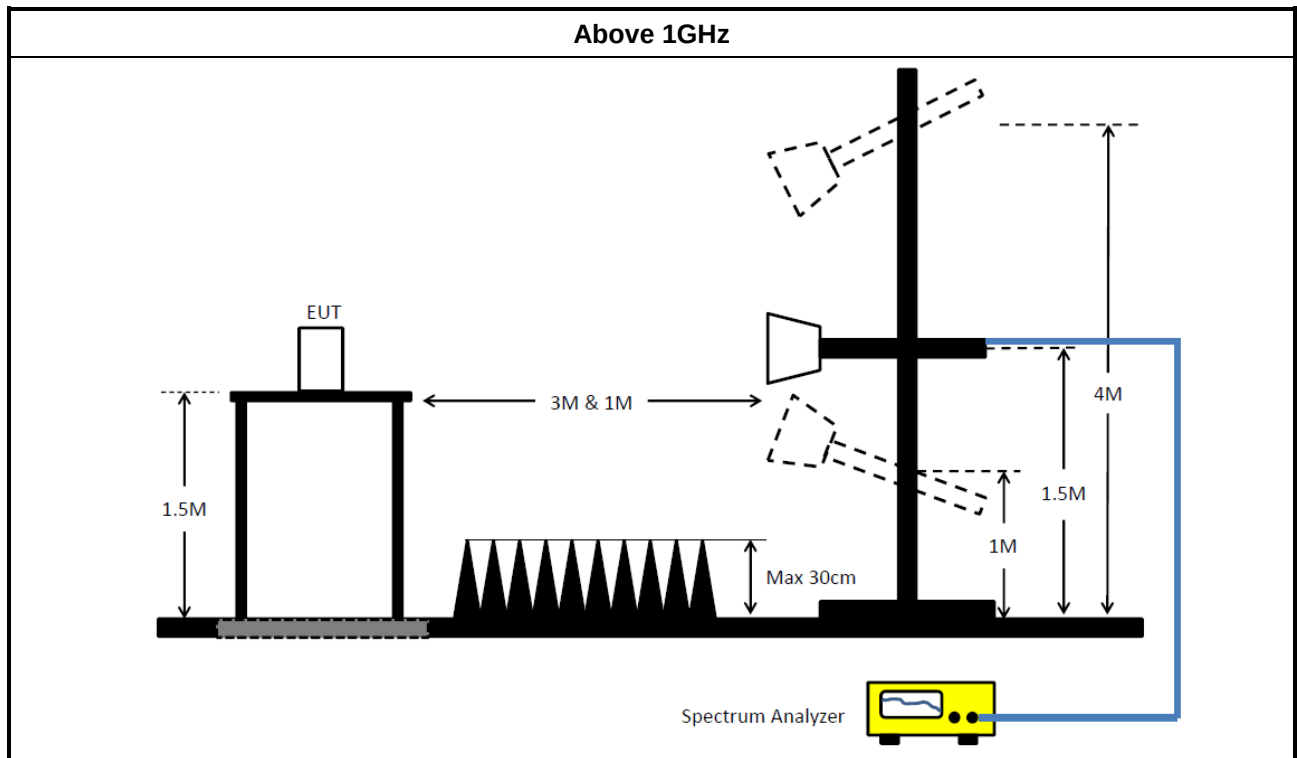
3.6.4 Measurement Results Calculation

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	101578	9kHz ~ 30MHz	24/Aug/2025	23/Aug/2026
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Pulse Limiter	SCHWARZBECK	VTSD 9561F-N	1056	9kHz ~ 30MHz	25/Jun/2025	24/Jun/2026
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	101439	10Hz~44GHz	23/Dec/2024	22/Dec/2025
SMB100A Signal Generator	R&S	SMB100A	183621	100kHz~40GHz	02/Jan/2025	01/Jan/2026
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 (03CH02-HY)

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	BBHA 9120 D 1534	1GHz~18GHz	07/Mar/2025	06/Mar/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	03/Oct/2025	02/Oct/2026
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	30/Sep/2025	29/Sep/2026
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

Instrument for Radiated Test (Co-location)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	07/Aug/2025	06/Aug/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	02/Jul/2025	01/Jul/2026
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	07/Oct/2025	06/Oct/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-EMI	Sporton	V5.11.6	NA	NA	NA	NA



Conducted Emissions at Powerline_Non-Beamforming_Dipole Appendix A.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	7.68M	25.14	50.00	-24.86	Neutral

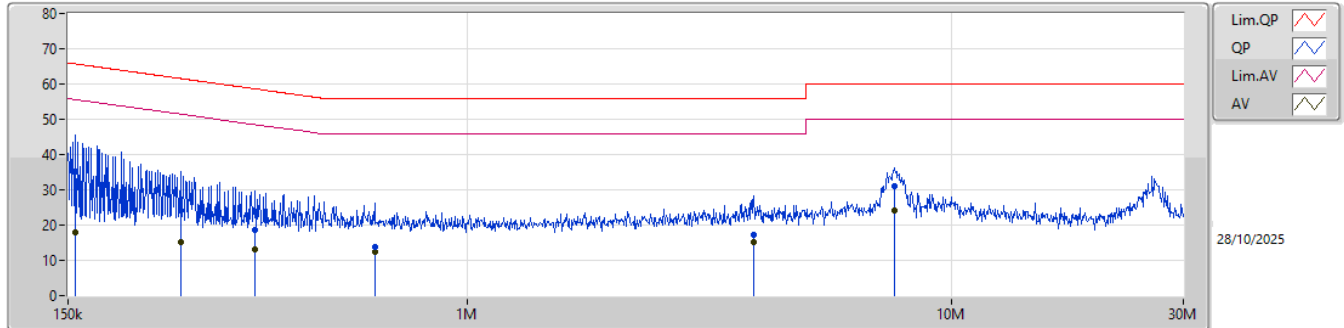


Conducted Emissions at Powerline_Non-Beamforming_Dipole Appendix A.1

Result

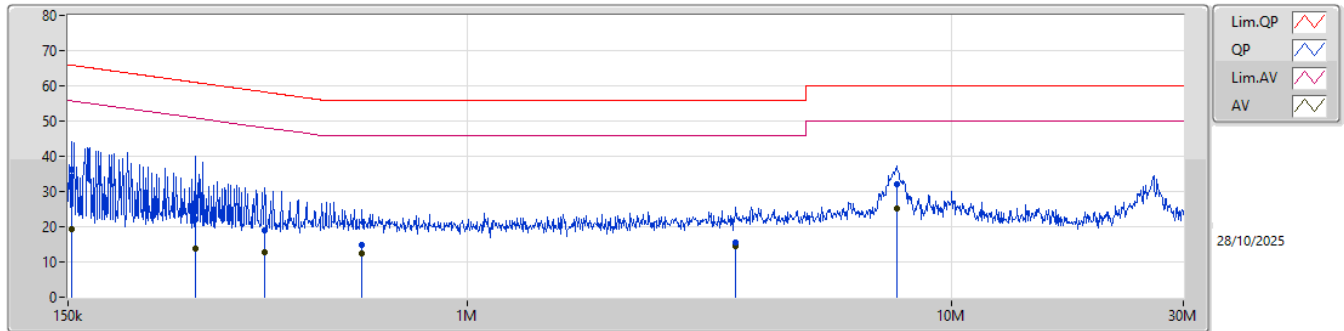
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	154.87k	35.26	65.73	-30.47	Line
Mode 1	Pass	AV	154.87k	17.85	55.73	-37.88	Line
Mode 1	Pass	QP	256.1k	24.20	61.56	-37.36	Line
Mode 1	Pass	AV	256.1k	15.33	51.56	-36.23	Line
Mode 1	Pass	QP	365.35k	18.55	58.60	-40.05	Line
Mode 1	Pass	AV	365.35k	13.01	48.60	-35.59	Line
Mode 1	Pass	QP	644.02k	13.89	56.00	-42.11	Line
Mode 1	Pass	AV	644.02k	12.29	46.00	-33.71	Line
Mode 1	Pass	QP	3.9M	17.21	56.00	-38.79	Line
Mode 1	Pass	AV	3.9M	15.07	46.00	-30.93	Line
Mode 1	Pass	QP	7.59M	31.06	60.00	-28.94	Line
Mode 1	Pass	AV	7.59M	24.23	50.00	-25.77	Line
Mode 1	Pass	QP	152.41k	36.36	65.87	-29.51	Neutral
Mode 1	Pass	AV	152.41k	19.19	55.87	-36.68	Neutral
Mode 1	Pass	QP	274.08k	22.15	60.99	-38.84	Neutral
Mode 1	Pass	AV	274.08k	13.75	50.99	-37.24	Neutral
Mode 1	Pass	QP	381.75k	18.95	58.24	-39.29	Neutral
Mode 1	Pass	AV	381.75k	12.80	48.24	-35.44	Neutral
Mode 1	Pass	QP	606.58k	14.68	56.00	-41.32	Neutral
Mode 1	Pass	AV	606.58k	12.41	46.00	-33.59	Neutral
Mode 1	Pass	QP	3.58M	15.67	56.00	-40.33	Neutral
Mode 1	Pass	AV	3.58M	14.33	46.00	-31.67	Neutral
Mode 1	Pass	QP	7.68M	32.00	60.00	-28.00	Neutral
Mode 1	Pass	AV	7.68M	25.14	50.00	-24.86	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.87k	35.26	65.73	-30.47	19.77	Line	-	15.49	9.64	0.01	10.12						
AV	154.87k	17.85	55.73	-37.88	19.77	Line	-	-1.92	9.64	0.01	10.12						
QP	256.1k	24.20	61.56	-37.36	19.78	Line	-	4.42	9.64	0.02	10.12						
AV	256.1k	15.33	51.56	-36.23	19.78	Line	-	-4.45	9.64	0.02	10.12						
QP	365.35k	18.55	58.60	-40.05	19.78	Line	-	-1.23	9.63	0.03	10.12						
AV	365.35k	13.01	48.60	-35.59	19.78	Line	-	-6.77	9.63	0.03	10.12						
QP	644.02k	13.89	56.00	-42.11	19.80	Line	-	-5.91	9.64	0.04	10.12						
AV	644.02k	12.29	46.00	-33.71	19.80	Line	-	-7.51	9.64	0.04	10.12						
QP	3.9M	17.21	56.00	-38.79	19.84	Line	-	-2.63	9.66	0.05	10.13						
AV	3.9M	15.07	46.00	-30.93	19.84	Line	-	-4.77	9.66	0.05	10.13						
QP	7.59M	31.06	60.00	-28.94	20.00	Line	-	11.06	9.68	0.18	10.14						
AV	7.59M	24.23	50.00	-25.77	20.00	Line	-	4.23	9.68	0.18	10.14						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	152.41k	36.36	65.87	-29.51	19.77	Neutral	-	16.59	9.64	0.01	10.12						
AV	152.41k	19.19	55.87	-36.68	19.77	Neutral	-	-0.58	9.64	0.01	10.12						
QP	274.08k	22.15	60.99	-38.84	19.77	Neutral	-	2.38	9.63	0.02	10.12						
AV	274.08k	13.75	50.99	-37.24	19.77	Neutral	-	-6.02	9.63	0.02	10.12						
QP	381.75k	18.95	58.24	-39.29	19.78	Neutral	-	-0.83	9.63	0.03	10.12						
AV	381.75k	12.80	48.24	-35.44	19.78	Neutral	-	-6.98	9.63	0.03	10.12						
QP	606.58k	14.68	56.00	-41.32	19.79	Neutral	-	-5.11	9.63	0.04	10.12						
AV	606.58k	12.41	46.00	-33.59	19.79	Neutral	-	-7.38	9.63	0.04	10.12						
QP	3.58M	15.67	56.00	-40.33	19.84	Neutral	-	-4.17	9.66	0.05	10.13						
AV	3.58M	14.33	46.00	-31.67	19.84	Neutral	-	-5.51	9.66	0.05	10.13						
QP	7.68M	32.00	60.00	-28.00	20.02	Neutral	-	11.98	9.69	0.19	10.14						
AV	7.68M	25.14	50.00	-24.86	20.02	Neutral	-	5.12	9.69	0.19	10.14						



Conducted Emissions at Powerline _Non-Beamforming_PIFA Appendix A.2

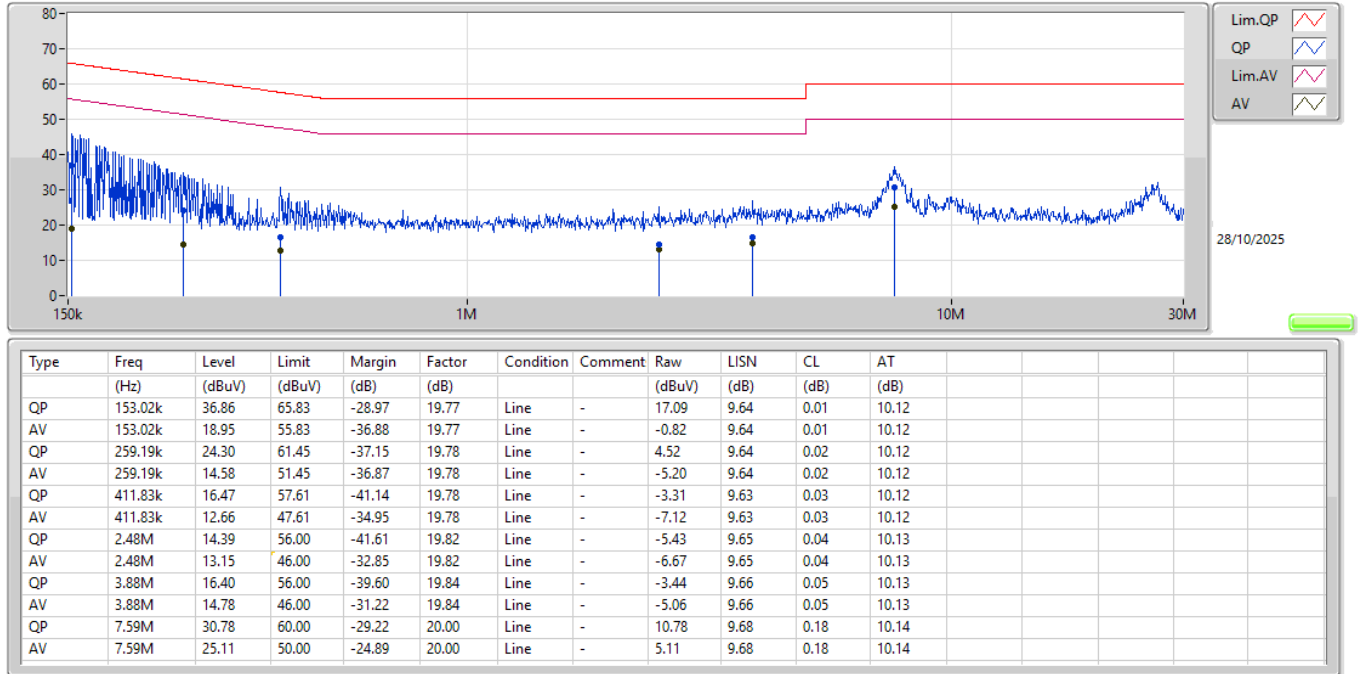
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	7.65M	26.66	50.00	-23.34	Neutral

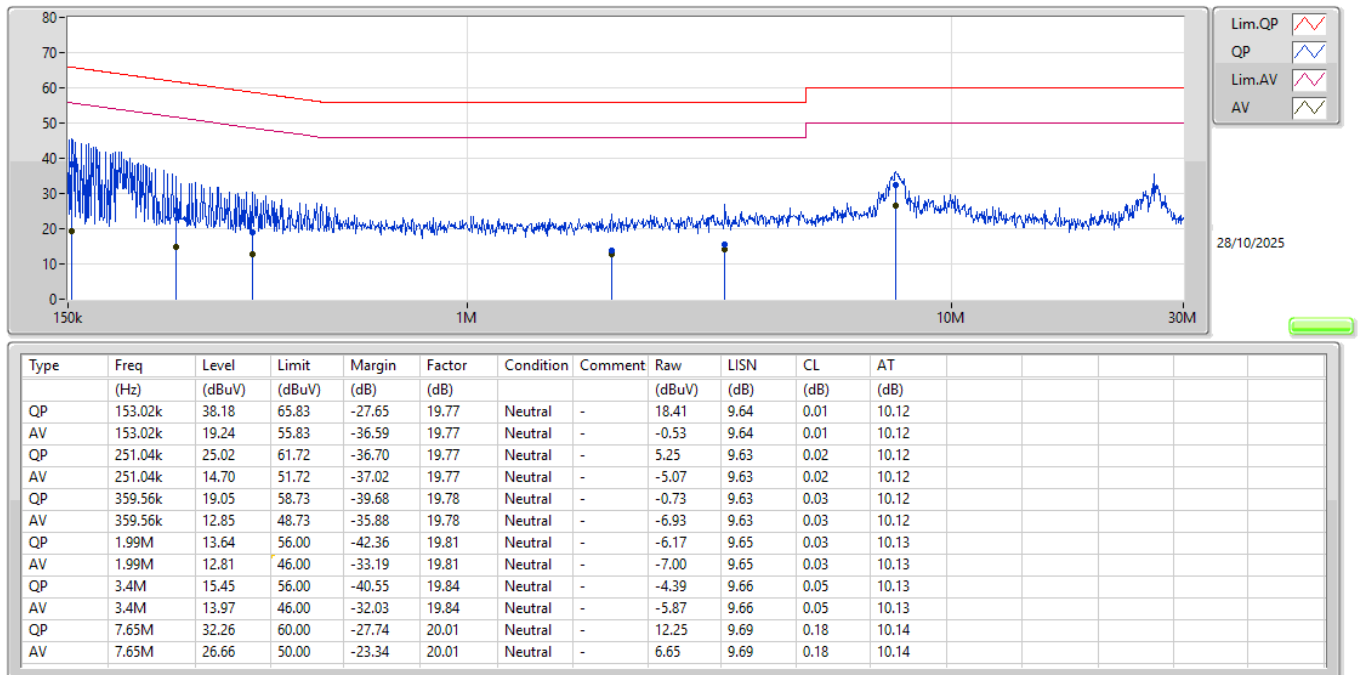
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.02k	36.86	65.83	-28.97	Line
Mode 1	Pass	AV	153.02k	18.95	55.83	-36.88	Line
Mode 1	Pass	QP	259.19k	24.30	61.45	-37.15	Line
Mode 1	Pass	AV	259.19k	14.58	51.45	-36.87	Line
Mode 1	Pass	QP	411.83k	16.47	57.61	-41.14	Line
Mode 1	Pass	AV	411.83k	12.66	47.61	-34.95	Line
Mode 1	Pass	QP	2.48M	14.39	56.00	-41.61	Line
Mode 1	Pass	AV	2.48M	13.15	46.00	-32.85	Line
Mode 1	Pass	QP	3.88M	16.40	56.00	-39.60	Line
Mode 1	Pass	AV	3.88M	14.78	46.00	-31.22	Line
Mode 1	Pass	QP	7.59M	30.78	60.00	-29.22	Line
Mode 1	Pass	AV	7.59M	25.11	50.00	-24.89	Line
Mode 1	Pass	QP	153.02k	38.18	65.83	-27.65	Neutral
Mode 1	Pass	AV	153.02k	19.24	55.83	-36.59	Neutral
Mode 1	Pass	QP	251.04k	25.02	61.72	-36.70	Neutral
Mode 1	Pass	AV	251.04k	14.70	51.72	-37.02	Neutral
Mode 1	Pass	QP	359.56k	19.05	58.73	-39.68	Neutral
Mode 1	Pass	AV	359.56k	12.85	48.73	-35.88	Neutral
Mode 1	Pass	QP	1.99M	13.64	56.00	-42.36	Neutral
Mode 1	Pass	AV	1.99M	12.81	46.00	-33.19	Neutral
Mode 1	Pass	QP	3.4M	15.45	56.00	-40.55	Neutral
Mode 1	Pass	AV	3.4M	13.97	46.00	-32.03	Neutral
Mode 1	Pass	QP	7.65M	32.26	60.00	-27.74	Neutral
Mode 1	Pass	AV	7.65M	26.66	50.00	-23.34	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	9.3M	13.15M	13M2G1D	6.75M	12.808M
802.11g_Nss1,(6Mbps)_2TX	16.325M	17.052M	17M1D1D	9.825M	16.506M
802.11be EHT20_Nss1,(MCS0)_2TX	18.95M	19.016M	19M0D1D	11.125M	18.676M
802.11be EHT40_Nss1,(MCS0)_2TX	37.55M	37.917M	37M9D1D	26.35M	37.493M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.775M	13.139M	8.525M	12.923M
2437MHz	Pass	500k	6.75M	13.15M	8.325M	12.844M
2462MHz	Pass	500k	7.125M	13.132M	9.3M	12.808M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	16.325M	16.54M	15.1M	16.506M
2437MHz	Pass	500k	15.1M	16.632M	9.825M	17.052M
2462MHz	Pass	500k	16.1M	16.517M	13.2M	16.582M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	18.825M	18.827M	11.125M	18.676M
2437MHz	Pass	500k	17.35M	18.895M	18.95M	19.016M
2462MHz	Pass	500k	18.675M	18.913M	15.95M	18.796M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	37.1M	37.493M	26.35M	37.826M
2437MHz	Pass	500k	29.9M	37.917M	37.55M	37.798M
2452MHz	Pass	500k	29.85M	37.602M	37.4M	37.876M

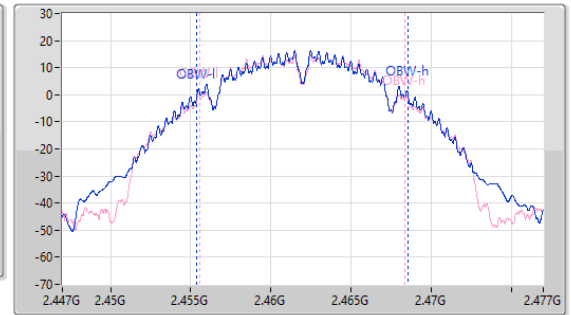
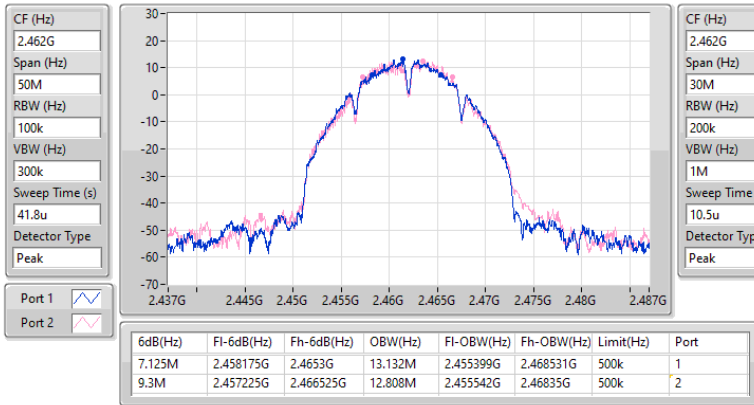
Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

2462MHz

09/10/2025

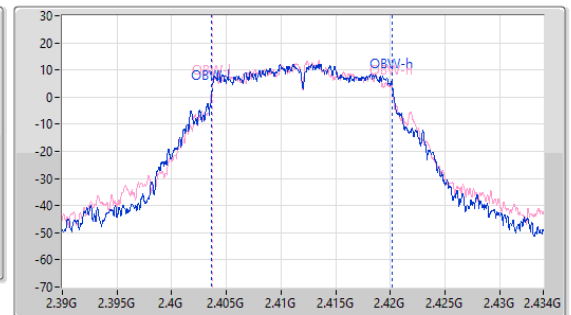
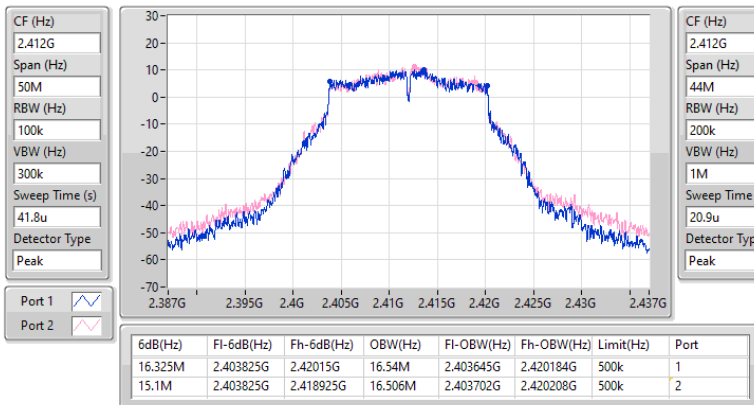


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

09/10/2025

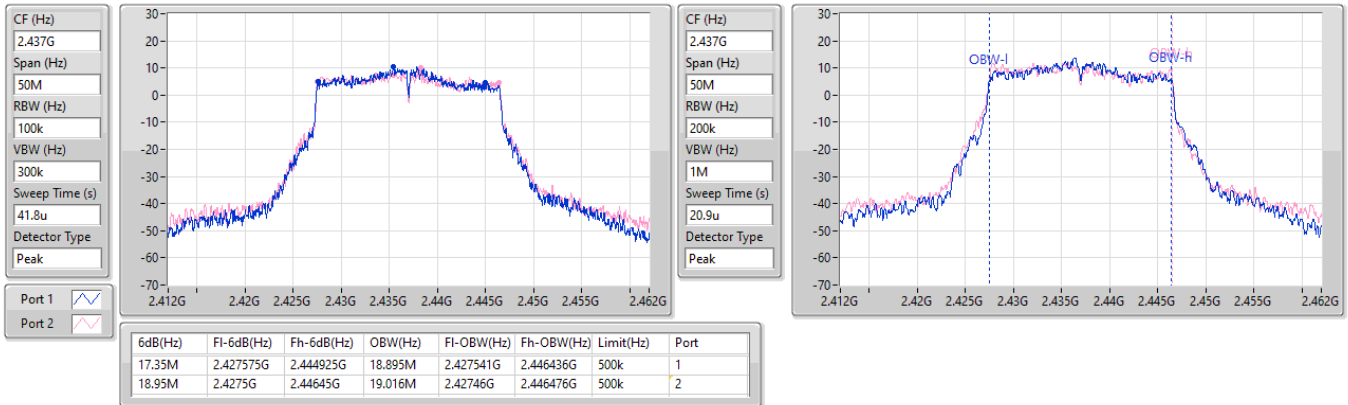


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

09/10/2025

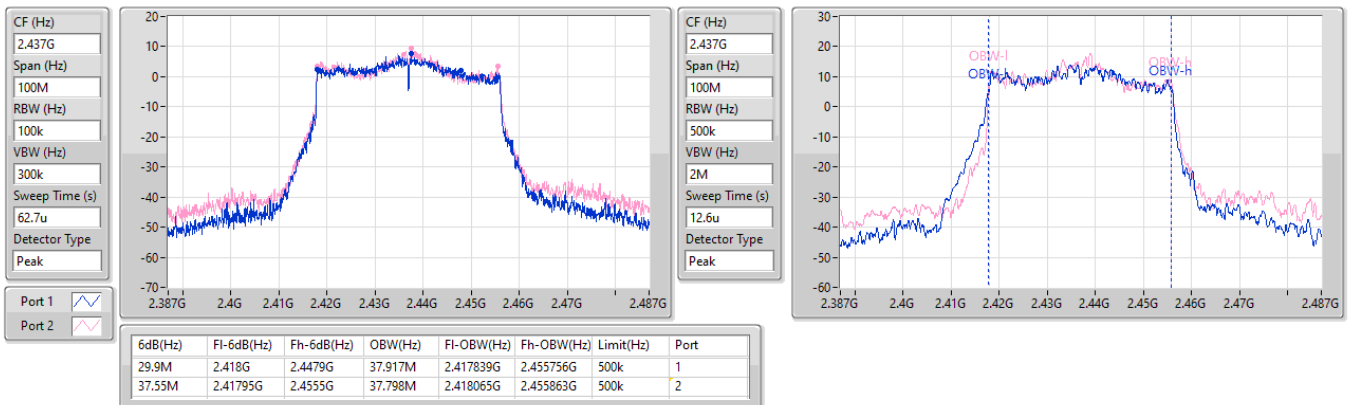


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

09/10/2025





Average Power _Non-Beamforming_Dipole

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	27.51	0.56364
802.11g_Nss1,(6Mbps)_2TX	27.07	0.50933
802.11be EHT20_Nss1,(MCS0)_2TX	27.05	0.50699
802.11be EHT40_Nss1,(MCS0)_2TX	26.65	0.46238

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.45	24.49	24.51	27.51	30.00
2437MHz	Pass	1.45	23.87	23.82	26.86	30.00
2462MHz	Pass	1.45	24.06	24.22	27.15	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.45	23.75	23.87	26.82	30.00
2417MHz	Pass	1.45	24.00	24.11	27.07	30.00
2437MHz	Pass	1.45	23.61	23.69	26.66	30.00
2462MHz	Pass	1.45	23.76	23.99	26.89	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.45	23.11	23.59	26.37	30.00
2417MHz	Pass	1.45	23.70	24.35	27.05	30.00
2437MHz	Pass	1.45	23.76	23.02	26.42	30.00
2457MHz	Pass	1.45	23.26	24.10	26.71	30.00
2462MHz	Pass	1.45	22.67	23.49	26.11	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.45	23.38	23.77	26.59	30.00
2427MHz	Pass	1.45	22.77	23.16	25.98	30.00
2437MHz	Pass	1.45	23.38	23.89	26.65	30.00
2447MHz	Pass	1.45	21.70	21.32	24.52	30.00
2452MHz	Pass	1.45	20.68	20.91	23.81	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	-	-
802.11b_Nss1,(1Mbps)_2TX	27.51	0.56364
802.11g_Nss1,(6Mbps)_2TX	27.07	0.50933
802.11be EHT20_Nss1,(MCS0)_2TX	27.05	0.50699
802.11be EHT40_Nss1,(MCS0)_2TX	26.65	0.46238



Average Power_Non-Beamforming_PIFA

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.87	24.49	24.51	27.51	30.00
2437MHz	Pass	1.87	23.87	23.82	26.86	30.00
2462MHz	Pass	1.87	24.06	24.22	27.15	30.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.87	23.75	23.87	26.82	30.00
2417MHz	Pass	1.87	24.00	24.11	27.07	30.00
2437MHz	Pass	1.87	23.61	23.69	26.66	30.00
2462MHz	Pass	1.87	23.76	23.99	26.89	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	1.87	23.11	23.59	26.37	30.00
2417MHz	Pass	1.87	23.70	24.35	27.05	30.00
2437MHz	Pass	1.87	23.76	23.02	26.42	30.00
2457MHz	Pass	1.87	23.26	24.10	26.71	30.00
2462MHz	Pass	1.87	22.67	23.49	26.11	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	1.87	23.38	23.77	26.59	30.00
2427MHz	Pass	1.87	22.77	23.16	25.98	30.00
2437MHz	Pass	1.87	23.38	23.89	26.65	30.00
2447MHz	Pass	1.87	21.70	21.32	24.52	30.00
2452MHz	Pass	1.87	20.68	20.91	23.81	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	27.05	0.50699
802.11be EHT40-BF_Nss1,(MCS0)_2TX	26.65	0.46238

**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	4.46	23.11	23.59	26.37	30.00
2417MHz	Pass	4.46	23.70	24.35	27.05	30.00
2437MHz	Pass	4.46	23.76	23.02	26.42	30.00
2457MHz	Pass	4.46	23.26	24.10	26.71	30.00
2462MHz	Pass	4.46	22.67	23.49	26.11	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.46	23.38	23.77	26.59	30.00
2427MHz	Pass	4.46	22.77	23.16	25.98	30.00
2437MHz	Pass	4.46	23.38	23.89	26.65	30.00
2447MHz	Pass	4.46	21.70	21.32	24.52	30.00
2452MHz	Pass	4.46	20.68	20.91	23.81	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	27.05	0.50699
802.11be EHT40-BF_Nss1,(MCS0)_2TX	26.65	0.46238



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	4.88	23.11	23.59	26.37	30.00
2417MHz	Pass	4.88	23.70	24.35	27.05	30.00
2437MHz	Pass	4.88	23.76	23.02	26.42	30.00
2457MHz	Pass	4.88	23.26	24.10	26.71	30.00
2462MHz	Pass	4.88	22.67	23.49	26.11	30.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.88	23.38	23.77	26.59	30.00
2427MHz	Pass	4.88	22.77	23.16	25.98	30.00
2437MHz	Pass	4.88	23.38	23.89	26.65	30.00
2447MHz	Pass	4.88	21.70	21.32	24.52	30.00
2452MHz	Pass	4.88	20.68	20.91	23.81	30.00

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



Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	2.65
802.11g_Nss1,(6Mbps)_2TX	0.10
802.11be EHT20_Nss1,(MCS0)_2TX	0.60
802.11be EHT40_Nss1,(MCS0)_2TX	-2.57

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	4.46	0.10	-0.48	2.64	8.00
2437MHz	Pass	4.46	0.05	-0.82	2.65	8.00
2462MHz	Pass	4.46	-0.90	-1.65	1.72	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.46	-2.45	-1.84	-0.08	8.00
2437MHz	Pass	4.46	-2.24	-1.88	-0.31	8.00
2462MHz	Pass	4.46	-3.70	-1.04	0.10	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.46	-1.77	-1.53	-0.35	8.00
2437MHz	Pass	4.46	-1.18	-3.69	0.60	8.00
2462MHz	Pass	4.46	-2.72	-2.07	-0.66	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.46	-5.83	-4.29	-2.57	8.00
2437MHz	Pass	4.46	-4.56	-4.42	-3.01	8.00
2452MHz	Pass	4.46	-7.68	-6.86	-5.68	8.00

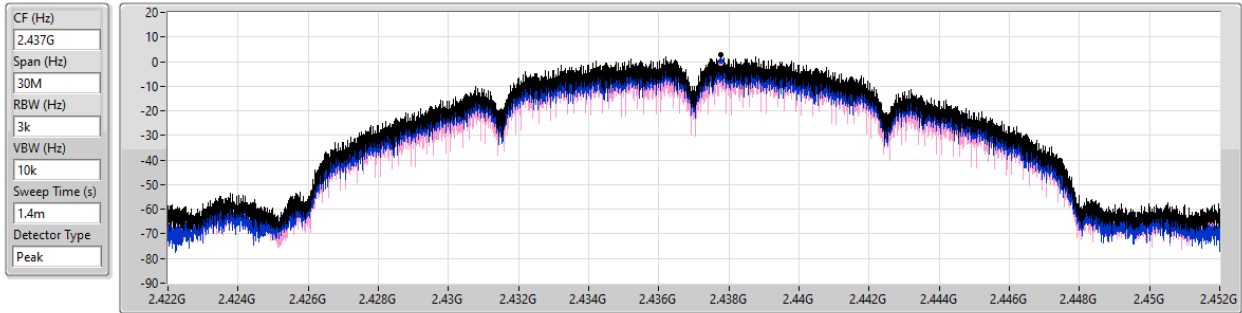
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2437MHz

09/10/2025



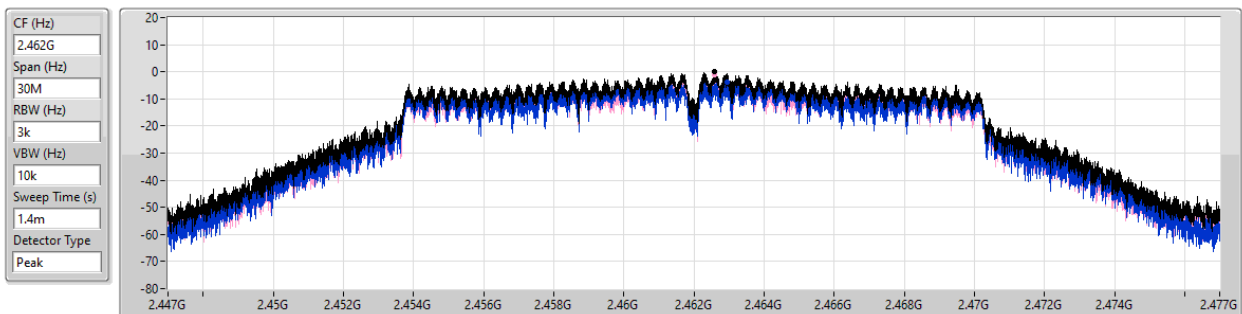
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.65	2.65	0.05	-0.82

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

PSD

2462MHz

09/10/2025



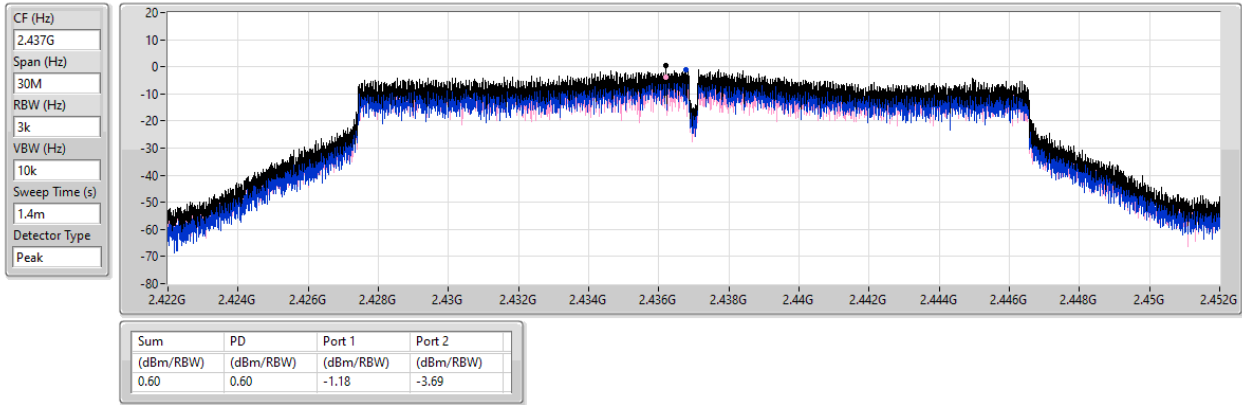
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.10	0.10	-3.70	-1.04

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

PSD

2437MHz

09/10/2025

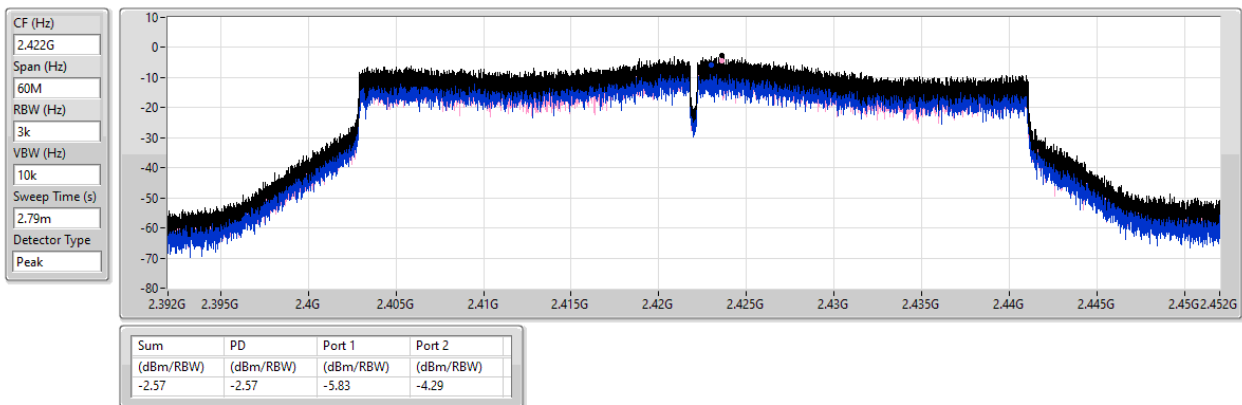


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2422MHz

09/10/2025





Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	2.65
802.11g_Nss1,(6Mbps)_2TX	0.10
802.11be EHT20_Nss1,(MCS0)_2TX	0.60
802.11be EHT40_Nss1,(MCS0)_2TX	-2.57

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	4.88	0.10	-0.48	2.64	8.00
2437MHz	Pass	4.88	0.05	-0.82	2.65	8.00
2462MHz	Pass	4.88	-0.90	-1.65	1.72	8.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.88	-2.45	-1.84	-0.08	8.00
2437MHz	Pass	4.88	-2.24	-1.88	-0.31	8.00
2462MHz	Pass	4.88	-3.70	-1.04	0.10	8.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	4.88	-1.77	-1.53	-0.35	8.00
2437MHz	Pass	4.88	-1.18	-3.69	0.60	8.00
2462MHz	Pass	4.88	-2.72	-2.07	-0.66	8.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	4.88	-5.83	-4.29	-2.57	8.00
2437MHz	Pass	4.88	-4.56	-4.42	-3.01	8.00
2452MHz	Pass	4.88	-7.68	-6.86	-5.68	8.00

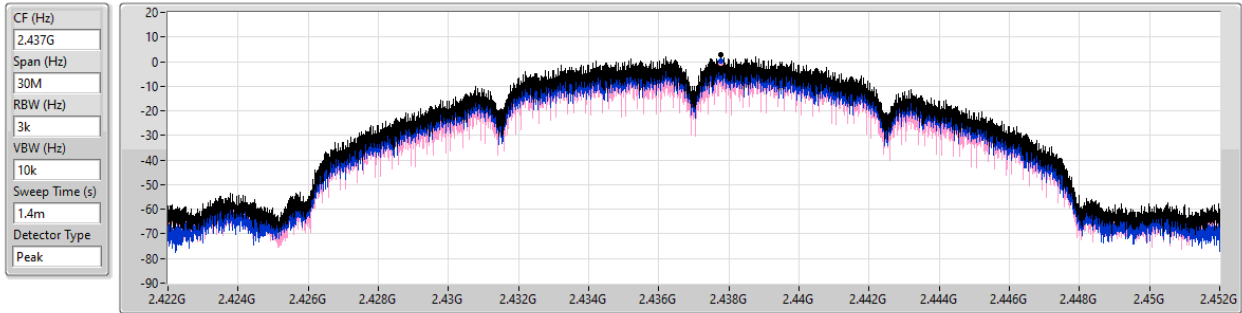
DG = Directional Gain; RBW = 3kHz;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

2437MHz

09/10/2025



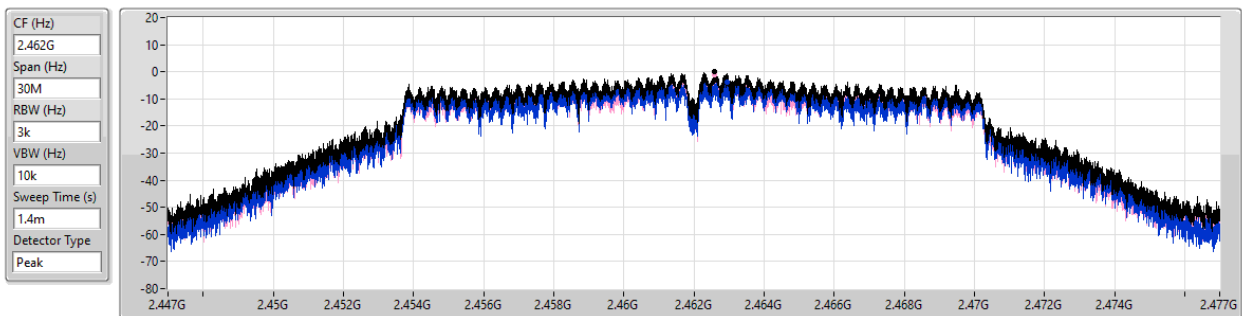
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.65	2.65	0.05	-0.82

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

PSD

2462MHz

09/10/2025



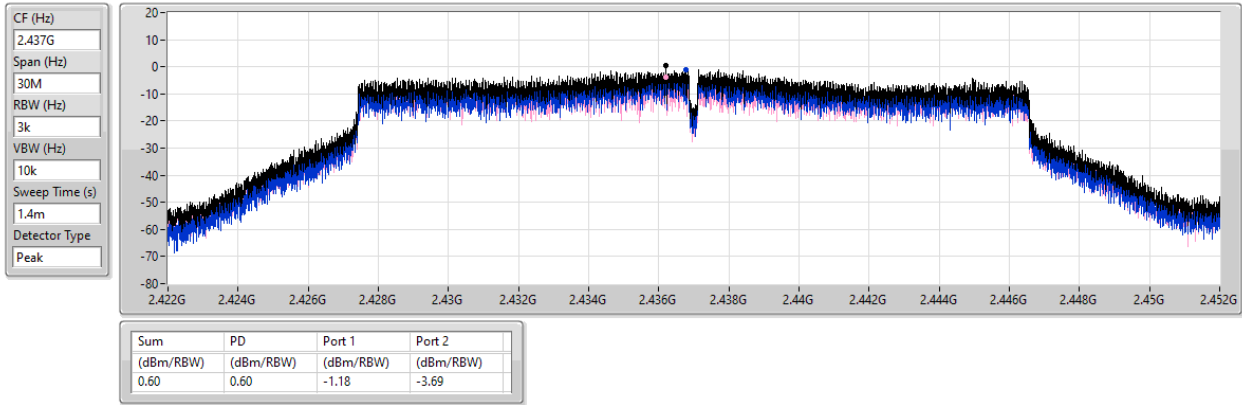
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.10	0.10	-3.70	-1.04

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

PSD

2437MHz

09/10/2025

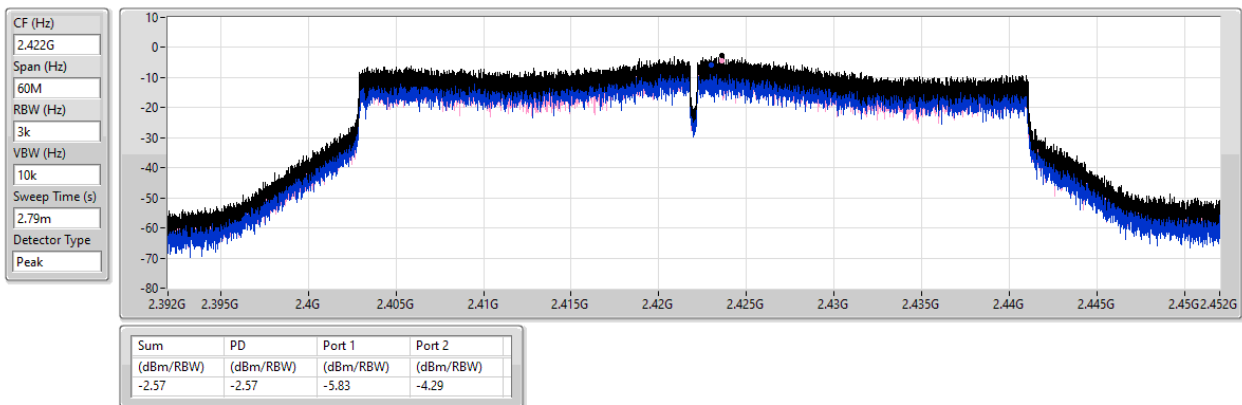


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2422MHz

09/10/2025



**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	2.41236G	15.37	-14.63	2.13865G	-51.70	2.39992G	-35.81	2.4G	-36.56	2.50974G	-51.33	21.96286G	-42.41	2
802.11g_Nss1,(6Mbps)_2TX	Pass	2.46329G	14.50	-15.50	2.18991G	-50.38	2.4G	-22.10	2.4G	-20.27	2.50646G	-51.55	21.9741G	-41.07	1
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	2.43958G	13.74	-16.26	2.15613G	-50.90	2.3996G	-20.65	2.4G	-20.29	2.52118G	-51.21	21.99377G	-41.96	2
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	2.44075G	10.61	-19.39	2.16886G	-50.41	2.4G	-21.21	2.4G	-19.46	2.50078G	-49.93	21.87291G	-42.07	2

Result

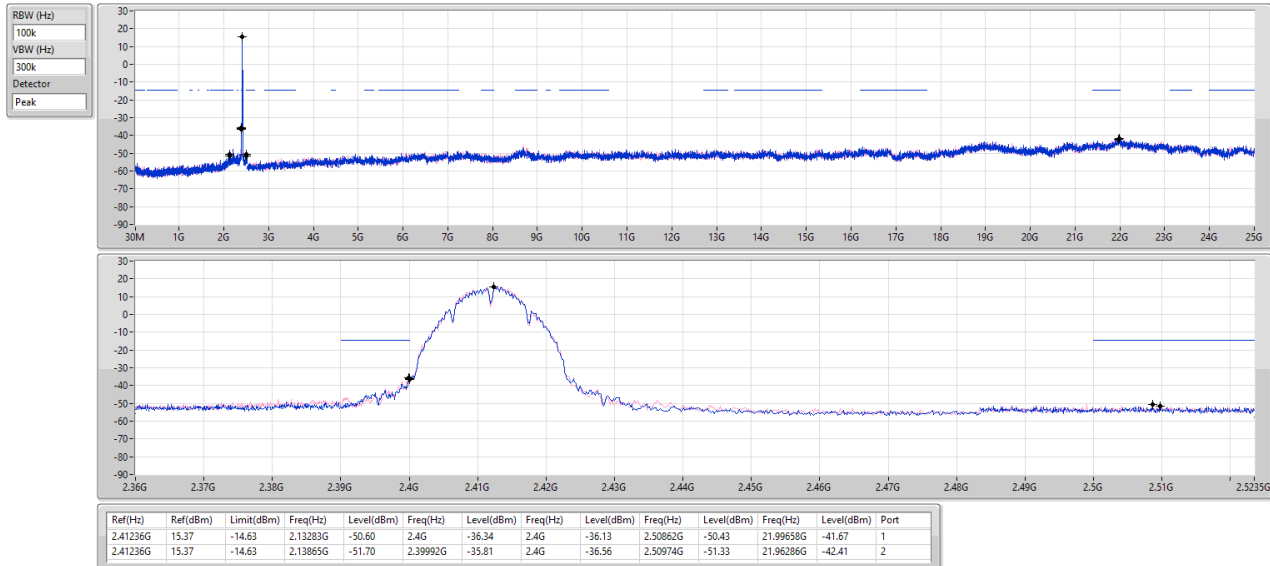
Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.41236G	15.37	-14.63	2.13283G	-50.60	2.4G	-36.34	2.4G	-36.13	2.50862G	-50.43	21.99658G	-41.67	1
2412MHz	Pass	2.41236G	15.37	-14.63	2.13865G	-51.70	2.39992G	-35.81	2.4G	-36.56	2.50974G	-51.33	21.96286G	-42.41	2
2437MHz	Pass	2.41236G	15.37	-14.63	2.10254G	-52.28	2.4G	-49.58	2.4G	-51.32	2.50006G	-51.28	21.89824G	-41.78	1
2437MHz	Pass	2.41236G	15.37	-14.63	2.19108G	-52.06	2.39528G	-50.25	2.4G	-52.38	2.50366G	-51.26	22.00782G	-41.55	2
2462MHz	Pass	2.41236G	15.37	-14.63	2.11302G	-51.29	2.4G	-49.48	2.4G	-51.49	2.50054G	-50.96	21.93758G	-40.67	1
2462MHz	Pass	2.41236G	15.37	-14.63	2.30059G	-52.40	2.3952G	-49.95	2.4G	-53.43	2.50534G	-50.92	21.96286G	-42.16	2
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.46329G	14.50	-15.50	2.18991G	-50.38	2.4G	-22.10	2.4G	-20.27	2.50646G	-51.55	21.9741G	-41.07	1
2412MHz	Pass	2.46329G	14.50	-15.50	2.1969G	-51.37	2.39992G	-21.96	2.4G	-22.14	2.51518G	-50.03	21.93477G	-41.81	2
2437MHz	Pass	2.46329G	14.50	-15.50	2.19923G	-50.22	2.4G	-49.11	2.4G	-49.78	2.50662G	-51.47	21.99658G	-41.25	1
2437MHz	Pass	2.46329G	14.50	-15.50	2.17477G	-51.36	2.39896G	-48.71	2.4G	-50.11	2.50254G	-51.20	21.92634G	-41.11	2
2462MHz	Pass	2.46329G	14.50	-15.50	2.13516G	-48.13	2.4G	-46.22	2.4G	-45.84	2.51166G	-49.92	21.98815G	-40.02	1
2462MHz	Pass	2.46329G	14.50	-15.50	2.30641G	-48.76	2.4G	-48.33	2.4G	-50.95	2.5007G	-49.90	21.95724G	-40.33	2
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	2.43958G	13.74	-16.26	2.11186G	-49.65	2.39992G	-20.91	2.4G	-20.66	2.51734G	-51.79	21.99939G	-41.27	1
2412MHz	Pass	2.43958G	13.74	-16.26	2.15613G	-50.90	2.3996G	-20.65	2.4G	-20.29	2.52118G	-51.21	21.99377G	-41.96	2
2437MHz	Pass	2.43958G	13.74	-16.26	2.18059G	-49.18	2.4G	-48.45	2.4G	-49.09	2.5139G	-51.75	21.92072G	-42.04	1
2437MHz	Pass	2.43958G	13.74	-16.26	2.19574G	-48.67	2.39632G	-46.43	2.4G	-48.41	2.51702G	-51.23	21.88139G	-41.72	2
2462MHz	Pass	2.43958G	13.74	-16.26	2.11302G	-51.52	2.4G	-49.23	2.4G	-49.82	2.5003G	-50.44	21.95162G	-41.16	1
2462MHz	Pass	2.43958G	13.74	-16.26	2.18176G	-49.88	2.3988G	-48.72	2.4G	-50.38	2.50646G	-50.05	21.90105G	-41.51	2
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	2.44075G	10.61	-19.39	2.18375G	-50.29	2.39984G	-21.97	2.4G	-20.58	2.50782G	-51.11	21.95144G	-41.43	1
2422MHz	Pass	2.44075G	10.61	-19.39	2.16886G	-50.41	2.4G	-21.21	2.4G	-19.46	2.50078G	-49.93	21.87291G	-42.07	2
2437MHz	Pass	2.44075G	10.61	-19.39	2.16085G	-48.25	2.39984G	-36.46	2.4G	-44.85	2.5035G	-45.22	21.88694G	-41.24	1
2437MHz	Pass	2.44075G	10.61	-19.39	2.30855G	-51.29	2.39968G	-32.84	2.4G	-38.14	2.50062G	-43.45	21.95705G	-41.46	2
2452MHz	Pass	2.44075G	10.61	-19.39	2.11276G	-50.92	2.4G	-49.03	2.4G	-49.37	2.50686G	-50.31	21.93461G	-41.30	1
2452MHz	Pass	2.44075G	10.61	-19.39	2.30741G	-51.38	2.39488G	-50.52	2.4G	-50.40	2.50014G	-48.43	21.86169G	-42.21	2

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

CSEndB

2412MHz

09/10/2025

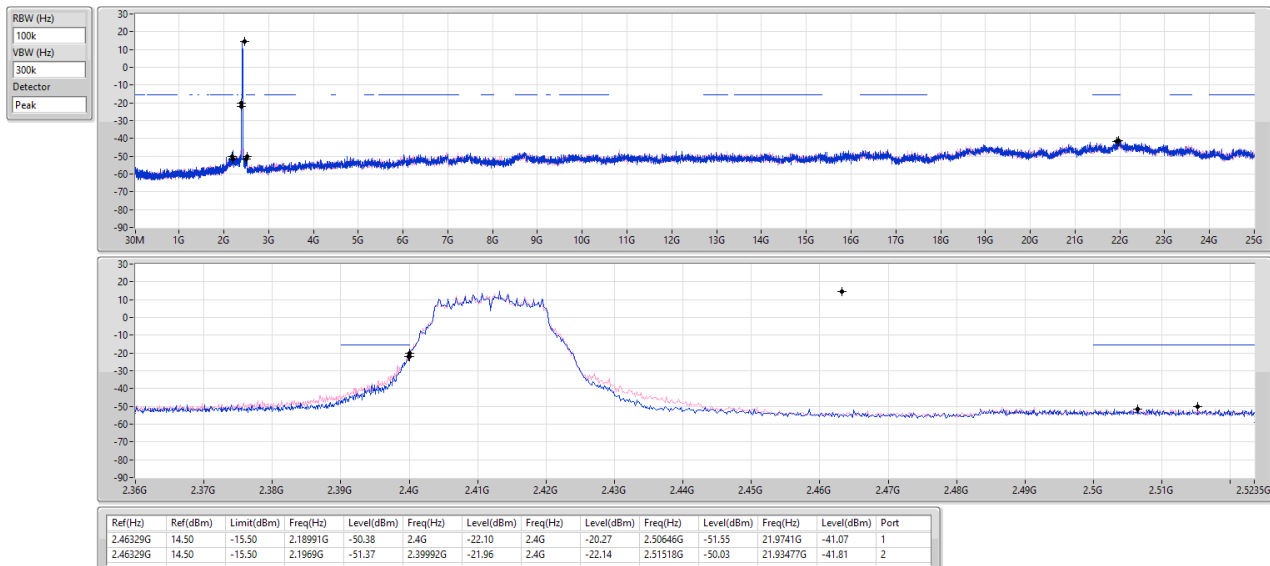


2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

09/10/2025



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

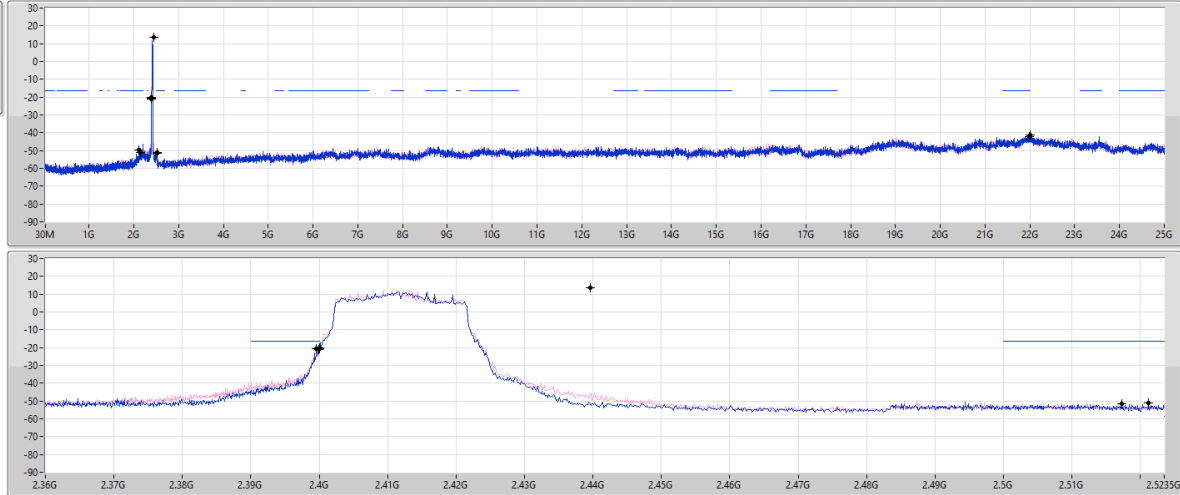
CSEndB

2412MHz

09/10/2025

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
2.43958G	13.74	-16.26	2.11186G	-49.65	2.39992G	-20.91	2.4G	-20.66	2.51734G	-51.79	2.199939G	-41.27	1
2.43958G	13.74	-16.26	2.15613G	-50.90	2.3996G	-20.65	2.4G	-20.29	2.52118G	-51.21	2.199377G	-41.96	2

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

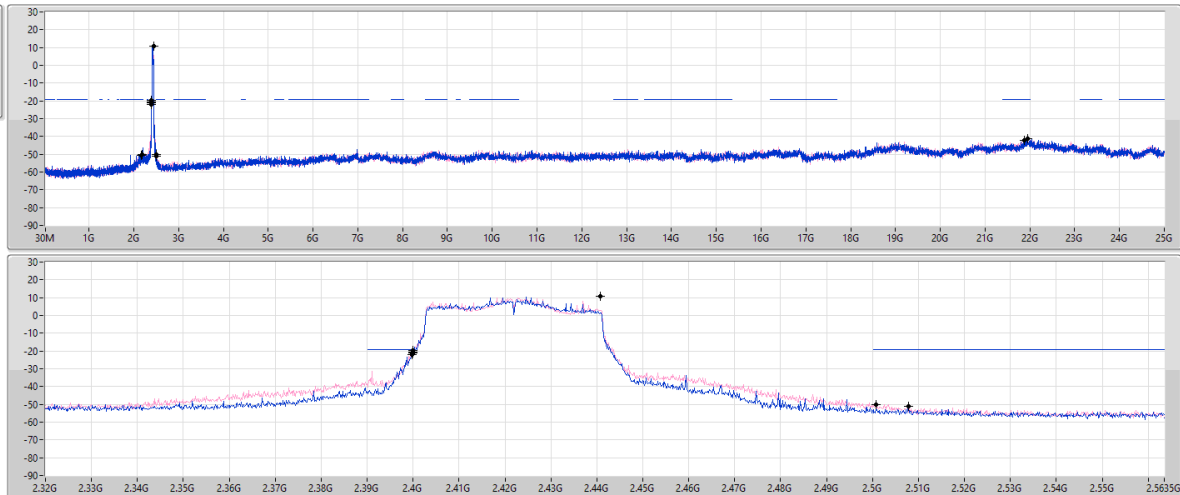
CSEndB

2422MHz

09/10/2025

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
2.44075G	10.61	-19.39	2.18375G	-50.29	2.39984G	-21.97	2.4G	-20.58	2.50782G	-51.11	2.195144G	-41.43	1
2.44075G	10.61	-19.39	2.16886G	-50.41	2.4G	-21.21	2.4G	-19.46	2.50078G	-49.93	2.187291G	-42.07	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	QP	49.4M	41.62	-	-	3	Vertical	83	1.10

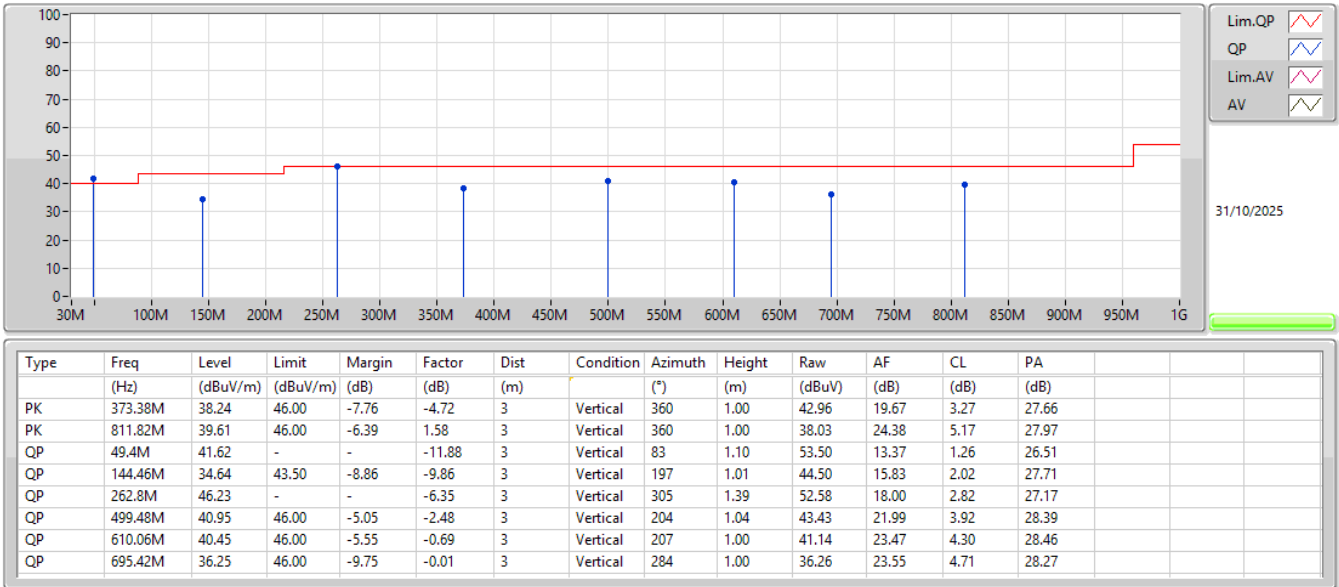
Result

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_DC Power Supply	Pass	PK	373.38M	38.24	46.00	-7.76	3	Vertical	360	1.00
2437MHz_DC Power Supply	Pass	PK	811.82M	39.61	46.00	-6.39	3	Vertical	360	1.00
*2437MHz_DC Power Supply	Pass	QP	49.4M	41.62	-	-	3	Vertical	83	1.10
2437MHz_DC Power Supply	Pass	QP	144.46M	34.64	43.50	-8.86	3	Vertical	197	1.01
*2437MHz_DC Power Supply	Pass	QP	262.8M	46.23	-	-	3	Vertical	305	1.39
2437MHz_DC Power Supply	Pass	QP	499.48M	40.95	46.00	-5.05	3	Vertical	204	1.04
2437MHz_DC Power Supply	Pass	QP	610.06M	40.45	46.00	-5.55	3	Vertical	207	1.00
2437MHz_DC Power Supply	Pass	QP	695.42M	36.25	46.00	-9.75	3	Vertical	284	1.00
2437MHz_DC Power Supply	Pass	PK	109.54M	38.12	43.50	-5.38	3	Horizontal	0	1.00
2437MHz_DC Power Supply	Pass	PK	369.5M	42.88	46.00	-3.12	3	Horizontal	0	1.00
2437MHz_DC Power Supply	Pass	QP	47.46M	36.62	40.00	-3.38	3	Horizontal	215	1.47
2437MHz_DC Power Supply	Pass	QP	142.52M	37.53	43.50	-5.97	3	Horizontal	273	1.74
*2437MHz_DC Power Supply	Pass	QP	264.75M	50.09	-	-	3	Horizontal	145	1.05
*2437MHz_DC Power Supply	Pass	QP	650.8M	46.21	-	-	3	Horizontal	162	1.19
2437MHz_DC Power Supply	Pass	QP	726.46M	42.62	46.00	-3.38	3	Horizontal	175	1.00
2437MHz_DC Power Supply	Pass	QP	807.94M	42.22	46.00	-3.78	3	Horizontal	166	1.01

*The frequencies mentioned in Comments and Explanations are not limited to this Limit.

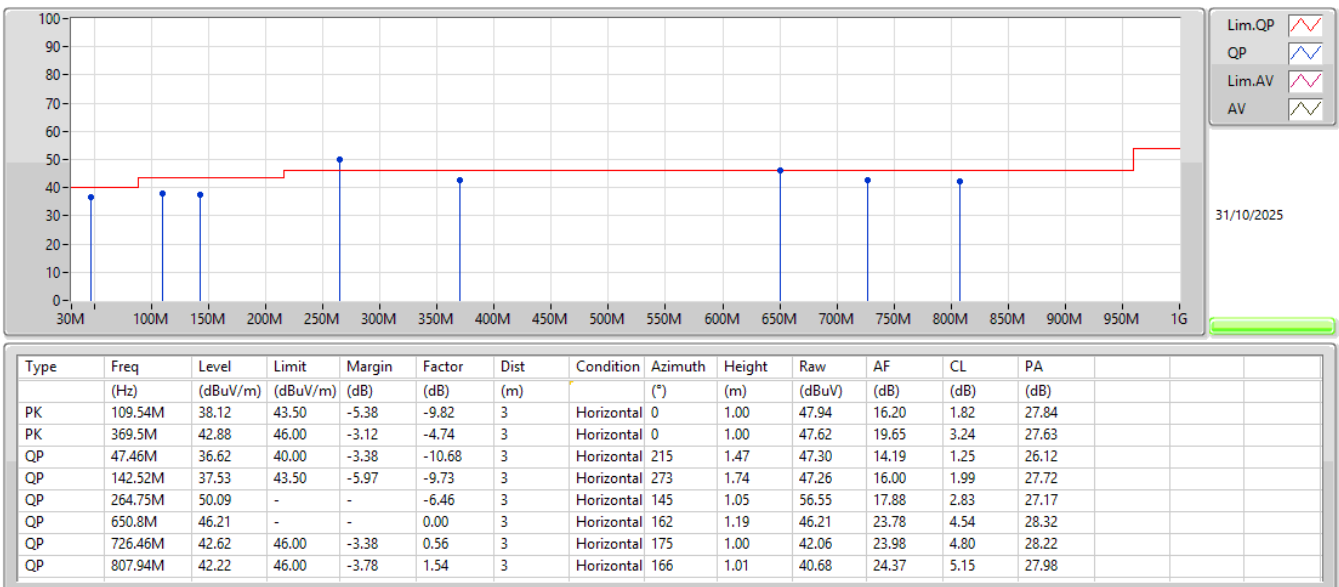
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_DC Power Supply



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

2437MHz_DC Power Supply



**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	2.4835G	48.86	54.00	-5.14	3	Vertical	5	2.10
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	51.98	54.00	-2.02	3	Vertical	0	2.20
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.75	54.00	-0.25	3	Vertical	207	1.99
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	2.3898G	53.83	54.00	-0.17	3	Vertical	348	2.40

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_TX	Pass	AV	2.3888G	47.31	54.00	-6.69	3	Vertical	36	2.13
2412MHz_TX	Pass	AV	2.4128G	116.51	Inf	-Inf	3	Vertical	36	2.13
2412MHz_TX	Pass	PK	2.3876G	59.52	74.00	-14.48	3	Vertical	36	2.13
2412MHz_TX	Pass	PK	2.4128G	118.84	Inf	-Inf	3	Vertical	36	2.13
2412MHz_TX	Pass	AV	2.3886G	44.70	54.00	-9.30	3	Horizontal	214	2.86
2412MHz_TX	Pass	AV	2.4128G	102.49	Inf	-Inf	3	Horizontal	214	2.86
2412MHz_TX	Pass	PK	2.3806G	57.18	74.00	-16.82	3	Horizontal	214	2.86
2412MHz_TX	Pass	PK	2.4128G	104.86	Inf	-Inf	3	Horizontal	214	2.86
2412MHz_TX	Pass	AV	4.82396G	34.68	54.00	-19.32	3	Vertical	187	1.39
2412MHz_TX	Pass	PK	4.82396G	42.98	74.00	-31.02	3	Vertical	187	1.39
2412MHz_TX	Pass	AV	4.824G	35.85	54.00	-18.15	3	Horizontal	82	1.50
2412MHz_TX	Pass	PK	4.82396G	43.96	74.00	-30.04	3	Horizontal	82	1.50
2437MHz_TX	Pass	AV	2.3422G	46.17	54.00	-7.83	3	Vertical	2	1.94
2437MHz_TX	Pass	AV	2.4378G	116.59	Inf	-Inf	3	Vertical	2	1.94
2437MHz_TX	Pass	AV	2.4846G	45.67	54.00	-8.33	3	Vertical	2	1.94
2437MHz_TX	Pass	PK	2.3414G	59.57	74.00	-14.43	3	Vertical	2	1.94
2437MHz_TX	Pass	PK	2.4378G	119.04	Inf	-Inf	3	Vertical	2	1.94
2437MHz_TX	Pass	PK	2.4926G	57.92	74.00	-16.08	3	Vertical	2	1.94
2437MHz_TX	Pass	AV	2.3898G	44.68	54.00	-9.32	3	Horizontal	199	1.29
2437MHz_TX	Pass	AV	2.4386G	102.27	Inf	-Inf	3	Horizontal	199	1.29
2437MHz_TX	Pass	AV	2.4998G	45.44	54.00	-8.56	3	Horizontal	199	1.29
2437MHz_TX	Pass	PK	2.3414G	57.08	74.00	-16.92	3	Horizontal	199	1.29
2437MHz_TX	Pass	PK	2.4386G	104.69	Inf	-Inf	3	Horizontal	199	1.29
2437MHz_TX	Pass	PK	2.485G	57.17	74.00	-16.83	3	Horizontal	199	1.29
2437MHz_TX	Pass	AV	4.874G	33.76	54.00	-20.24	3	Vertical	187	1.80
2437MHz_TX	Pass	AV	7.31188G	34.50	54.00	-19.50	3	Vertical	139	1.50
2437MHz_TX	Pass	PK	4.874G	43.77	74.00	-30.23	3	Vertical	187	1.80
2437MHz_TX	Pass	PK	7.31252G	46.43	74.00	-27.57	3	Vertical	139	1.50
2437MHz_TX	Pass	AV	4.87392G	33.39	54.00	-20.61	3	Horizontal	82	1.50
2437MHz_TX	Pass	AV	7.31184G	34.16	54.00	-19.84	3	Horizontal	0	1.50
2437MHz_TX	Pass	PK	4.87452G	43.21	74.00	-30.79	3	Horizontal	82	1.50
2437MHz_TX	Pass	PK	7.30672G	46.30	74.00	-27.70	3	Horizontal	0	1.50
2462MHz_TX	Pass	AV	2.4628G	116.13	Inf	-Inf	3	Vertical	5	2.10
2462MHz_TX	Pass	AV	2.4835G	48.86	54.00	-5.14	3	Vertical	5	2.10
2462MHz_TX	Pass	PK	2.4628G	118.87	Inf	-Inf	3	Vertical	5	2.10
2462MHz_TX	Pass	PK	2.4932G	59.98	74.00	-14.02	3	Vertical	5	2.10
2462MHz_TX	Pass	AV	2.4612G	99.81	Inf	-Inf	3	Horizontal	158	1.50
2462MHz_TX	Pass	AV	2.5G	45.49	54.00	-8.51	3	Horizontal	158	1.50
2462MHz_TX	Pass	PK	2.4612G	102.35	Inf	-Inf	3	Horizontal	158	1.50
2462MHz_TX	Pass	PK	2.4916G	57.59	74.00	-16.41	3	Horizontal	158	1.50
2462MHz_TX	Pass	AV	4.92396G	33.56	54.00	-20.44	3	Vertical	186	1.53
2462MHz_TX	Pass	AV	7.38768G	34.98	54.00	-19.02	3	Vertical	23	1.80
2462MHz_TX	Pass	PK	4.924G	43.01	74.00	-30.99	3	Vertical	186	1.53
2462MHz_TX	Pass	PK	7.38748G	46.65	74.00	-27.35	3	Vertical	23	1.80
2462MHz_TX	Pass	AV	4.92396G	32.00	54.00	-22.00	3	Horizontal	68	1.42
2462MHz_TX	Pass	AV	7.38412G	34.55	54.00	-19.45	3	Horizontal	53	2.62
2462MHz_TX	Pass	PK	4.9238G	43.38	74.00	-30.62	3	Horizontal	68	1.42
2462MHz_TX	Pass	PK	7.39352G	46.80	74.00	-27.20	3	Horizontal	53	2.62
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	51.98	54.00	-2.02	3	Vertical	0	2.20
2412MHz_TX	Pass	AV	2.4112G	114.19	Inf	-Inf	3	Vertical	0	2.20
2412MHz_TX	Pass	PK	2.39G	66.27	74.00	-7.73	3	Vertical	0	2.20
2412MHz_TX	Pass	PK	2.4112G	122.25	Inf	-Inf	3	Vertical	0	2.20
2412MHz_TX	Pass	AV	2.39G	45.06	54.00	-8.94	3	Horizontal	200	1.18
2412MHz_TX	Pass	AV	2.411G	97.93	Inf	-Inf	3	Horizontal	200	1.18
2412MHz_TX	Pass	PK	2.3734G	57.09	74.00	-16.91	3	Horizontal	200	1.18
2412MHz_TX	Pass	PK	2.411G	105.92	Inf	-Inf	3	Horizontal	200	1.18
2412MHz_TX	Pass	AV	4.82586G	30.10	54.00	-23.90	3	Vertical	10	2.17
2412MHz_TX	Pass	PK	4.82568G	43.03	74.00	-30.97	3	Vertical	10	2.17
2412MHz_TX	Pass	AV	4.82178G	29.11	54.00	-24.89	3	Horizontal	76	2.96

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2412MHz_TX	Pass	PK	4.83744G	42.14	74.00	-31.86	3	Horizontal	76	2.96
2417MHz_TX	Pass	AV	2.389G	47.99	54.00	-6.01	3	Vertical	218	1.77
2417MHz_TX	Pass	AV	2.4178G	114.32	Inf	-Inf	3	Vertical	218	1.77
2417MHz_TX	Pass	PK	2.3834G	60.56	74.00	-13.44	3	Vertical	218	1.77
2417MHz_TX	Pass	PK	2.418G	122.38	Inf	-Inf	3	Vertical	218	1.77
2417MHz_TX	Pass	AV	2.388G	44.82	54.00	-9.18	3	Horizontal	174	2.22
2417MHz_TX	Pass	AV	2.4178G	99.84	Inf	-Inf	3	Horizontal	174	2.22
2417MHz_TX	Pass	PK	2.3752G	56.88	74.00	-17.12	3	Horizontal	174	2.22
2417MHz_TX	Pass	PK	2.4178G	107.66	Inf	-Inf	3	Horizontal	174	2.22
2437MHz_TX	Pass	AV	2.3882G	48.67	54.00	-5.33	3	Vertical	344	1.93
2437MHz_TX	Pass	AV	2.4378G	114.73	Inf	-Inf	3	Vertical	344	1.93
2437MHz_TX	Pass	AV	2.4835G	46.32	54.00	-7.68	3	Vertical	344	1.93
2437MHz_TX	Pass	PK	2.3494G	61.57	74.00	-12.43	3	Vertical	344	1.93
2437MHz_TX	Pass	PK	2.4378G	122.52	Inf	-Inf	3	Vertical	344	1.93
2437MHz_TX	Pass	PK	2.4898G	58.89	74.00	-15.11	3	Vertical	344	1.93
2437MHz_TX	Pass	AV	2.3882G	44.71	54.00	-9.29	3	Horizontal	198	1.00
2437MHz_TX	Pass	AV	2.4378G	100.50	Inf	-Inf	3	Horizontal	198	1.00
2437MHz_TX	Pass	AV	2.4998G	45.51	54.00	-8.49	3	Horizontal	198	1.00
2437MHz_TX	Pass	PK	2.3698G	57.07	74.00	-16.93	3	Horizontal	198	1.00
2437MHz_TX	Pass	PK	2.4378G	108.23	Inf	-Inf	3	Horizontal	198	1.00
2437MHz_TX	Pass	PK	2.4958G	57.35	74.00	-16.65	3	Horizontal	198	1.00
2437MHz_TX	Pass	AV	4.87154G	29.80	54.00	-24.20	3	Vertical	180	2.00
2437MHz_TX	Pass	AV	7.31022G	34.05	54.00	-19.95	3	Vertical	169	2.83
2437MHz_TX	Pass	PK	4.87274G	42.95	74.00	-31.05	3	Vertical	180	2.00
2437MHz_TX	Pass	PK	7.32222G	46.99	74.00	-27.01	3	Vertical	169	2.83
2437MHz_TX	Pass	AV	4.87256G	29.23	54.00	-24.77	3	Horizontal	47	1.70
2437MHz_TX	Pass	AV	7.31166G	33.62	54.00	-20.38	3	Horizontal	143	1.50
2437MHz_TX	Pass	PK	4.88036G	42.01	74.00	-31.99	3	Horizontal	47	1.70
2437MHz_TX	Pass	PK	7.29822G	46.57	74.00	-27.43	3	Horizontal	143	1.50
2462MHz_TX	Pass	AV	2.4612G	114.11	Inf	-Inf	3	Vertical	36	2.07
2462MHz_TX	Pass	AV	2.4846G	50.41	54.00	-3.59	3	Vertical	36	2.07
2462MHz_TX	Pass	PK	2.4614G	121.98	Inf	-Inf	3	Vertical	36	2.07
2462MHz_TX	Pass	PK	2.4848G	63.67	74.00	-10.33	3	Vertical	36	2.07
2462MHz_TX	Pass	AV	2.4626G	98.94	Inf	-Inf	3	Horizontal	98	2.37
2462MHz_TX	Pass	AV	2.4835G	45.61	54.00	-8.39	3	Horizontal	98	2.37
2462MHz_TX	Pass	PK	2.4632G	107.37	Inf	-Inf	3	Horizontal	98	2.37
2462MHz_TX	Pass	PK	2.4942G	58.03	74.00	-15.97	3	Horizontal	98	2.37
2462MHz_TX	Pass	AV	4.92172G	29.81	54.00	-24.19	3	Vertical	220	1.50
2462MHz_TX	Pass	AV	7.37784G	33.50	54.00	-20.50	3	Vertical	81	1.50
2462MHz_TX	Pass	PK	4.92616G	42.08	74.00	-31.92	3	Vertical	220	1.50
2462MHz_TX	Pass	PK	7.38456G	45.97	74.00	-28.03	3	Vertical	81	1.50
2462MHz_TX	Pass	AV	4.93648G	29.06	54.00	-24.94	3	Horizontal	66	1.52
2462MHz_TX	Pass	AV	7.38288G	33.62	54.00	-20.38	3	Horizontal	329	2.22
2462MHz_TX	Pass	PK	4.93354G	41.77	74.00	-32.23	3	Horizontal	66	1.52
2462MHz_TX	Pass	PK	7.37652G	46.12	74.00	-27.88	3	Horizontal	329	2.22
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz_TX	Pass	AV	2.39G	53.75	54.00	-0.25	3	Vertical	207	1.99
2412MHz_TX	Pass	AV	2.4112G	111.90	Inf	-Inf	3	Vertical	207	1.99
2412MHz_TX	Pass	PK	2.3896G	70.62	74.00	-3.38	3	Vertical	207	1.99
2412MHz_TX	Pass	PK	2.4108G	122.52	Inf	-Inf	3	Vertical	207	1.99
2412MHz_TX	Pass	AV	2.3894G	45.64	54.00	-8.36	3	Horizontal	186	1.20
2412MHz_TX	Pass	AV	2.4112G	96.77	Inf	-Inf	3	Horizontal	186	1.20
2412MHz_TX	Pass	PK	2.39G	57.80	74.00	-16.20	3	Horizontal	186	1.20
2412MHz_TX	Pass	PK	2.4104G	107.70	Inf	-Inf	3	Horizontal	186	1.20
2412MHz_TX	Pass	AV	4.81044G	28.90	54.00	-25.10	3	Vertical	243	2.60
2412MHz_TX	Pass	PK	4.81986G	41.82	74.00	-32.18	3	Vertical	243	2.60
2412MHz_TX	Pass	AV	4.82778G	28.96	54.00	-25.04	3	Horizontal	81	2.32
2412MHz_TX	Pass	PK	4.81758G	41.98	74.00	-32.02	3	Horizontal	81	2.32
2417MHz_TX	Pass	AV	2.3898G	51.43	54.00	-2.57	3	Vertical	206	1.80
2417MHz_TX	Pass	AV	2.4162G	113.86	Inf	-Inf	3	Vertical	206	1.80
2417MHz_TX	Pass	PK	2.3868G	65.82	74.00	-8.18	3	Vertical	206	1.80
2417MHz_TX	Pass	PK	2.4162G	124.71	Inf	-Inf	3	Vertical	206	1.80

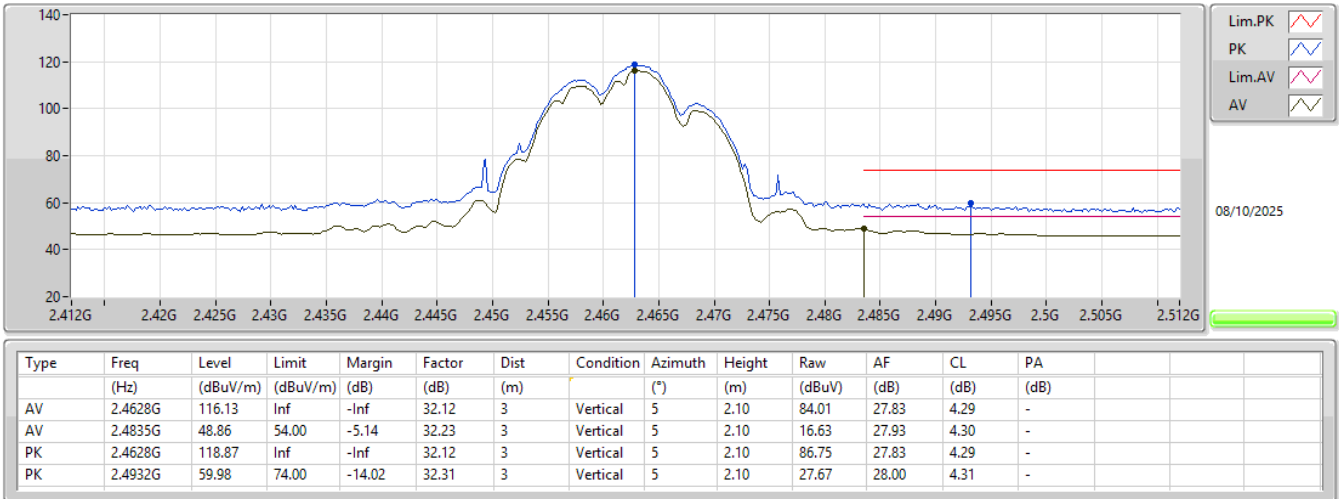
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2417MHz_TX	Pass	AV	2.3898G	44.94	54.00	-9.06	3	Horizontal	231	1.52
2417MHz_TX	Pass	AV	2.4162G	96.68	Inf	-Inf	3	Horizontal	231	1.52
2417MHz_TX	Pass	PK	2.3796G	57.09	74.00	-16.91	3	Horizontal	231	1.52
2417MHz_TX	Pass	PK	2.4166G	107.61	Inf	-Inf	3	Horizontal	231	1.52
2437MHz_TX	Pass	AV	2.3878G	49.40	54.00	-4.60	3	Vertical	342	1.95
2437MHz_TX	Pass	AV	2.4378G	114.12	Inf	-Inf	3	Vertical	342	1.95
2437MHz_TX	Pass	AV	2.4838G	46.80	54.00	-7.20	3	Vertical	342	1.95
2437MHz_TX	Pass	PK	2.3534G	61.38	74.00	-12.62	3	Vertical	342	1.95
2437MHz_TX	Pass	PK	2.4366G	124.80	Inf	-Inf	3	Vertical	342	1.95
2437MHz_TX	Pass	PK	2.493G	58.57	74.00	-15.43	3	Vertical	342	1.95
2437MHz_TX	Pass	AV	2.3438G	44.94	54.00	-9.06	3	Horizontal	153	1.50
2437MHz_TX	Pass	AV	2.4362G	95.74	Inf	-Inf	3	Horizontal	153	1.50
2437MHz_TX	Pass	AV	2.4966G	45.56	54.00	-8.44	3	Horizontal	153	1.50
2437MHz_TX	Pass	PK	2.349G	57.28	74.00	-16.72	3	Horizontal	153	1.50
2437MHz_TX	Pass	PK	2.4358G	105.31	Inf	-Inf	3	Horizontal	153	1.50
2437MHz_TX	Pass	PK	2.4874G	57.78	74.00	-16.22	3	Horizontal	153	1.50
2437MHz_TX	Pass	AV	4.87088G	29.69	54.00	-24.31	3	Vertical	185	1.64
2437MHz_TX	Pass	AV	7.29852G	33.80	54.00	-20.20	3	Vertical	294	1.50
2437MHz_TX	Pass	PK	4.85978G	41.92	74.00	-32.08	3	Vertical	185	1.64
2437MHz_TX	Pass	PK	7.2963G	46.22	74.00	-27.78	3	Vertical	294	1.50
2437MHz_TX	Pass	AV	4.87148G	29.39	54.00	-24.61	3	Horizontal	155	1.50
2437MHz_TX	Pass	AV	7.3185G	33.88	54.00	-20.12	3	Horizontal	100	1.70
2437MHz_TX	Pass	PK	4.88354G	41.39	74.00	-32.61	3	Horizontal	155	1.50
2437MHz_TX	Pass	PK	7.30866G	46.48	74.00	-27.52	3	Horizontal	100	1.70
2457MHz_TX	Pass	AV	2.456G	112.65	Inf	-Inf	3	Vertical	212	1.89
2457MHz_TX	Pass	AV	2.4882G	48.86	54.00	-5.14	3	Vertical	212	1.89
2457MHz_TX	Pass	PK	2.4564G	124.25	Inf	-Inf	3	Vertical	212	1.89
2457MHz_TX	Pass	PK	2.491G	62.45	74.00	-11.55	3	Vertical	212	1.89
2457MHz_TX	Pass	AV	2.4576G	97.17	Inf	-Inf	3	Horizontal	51	2.58
2457MHz_TX	Pass	AV	2.4908G	45.52	54.00	-8.48	3	Horizontal	51	2.58
2457MHz_TX	Pass	PK	2.4588G	107.84	Inf	-Inf	3	Horizontal	51	2.58
2457MHz_TX	Pass	PK	2.489G	57.46	74.00	-16.54	3	Horizontal	51	2.58
2462MHz_TX	Pass	AV	2.4626G	112.15	Inf	-Inf	3	Vertical	17	2.14
2462MHz_TX	Pass	AV	2.4835G	53.65	54.00	-0.35	3	Vertical	17	2.14
2462MHz_TX	Pass	PK	2.4614G	122.42	Inf	-Inf	3	Vertical	17	2.14
2462MHz_TX	Pass	PK	2.484G	66.55	74.00	-7.45	3	Vertical	17	2.14
2462MHz_TX	Pass	AV	2.463G	96.22	Inf	-Inf	3	Horizontal	157	1.50
2462MHz_TX	Pass	AV	2.4835G	45.75	54.00	-8.25	3	Horizontal	157	1.50
2462MHz_TX	Pass	PK	2.463G	107.23	Inf	-Inf	3	Horizontal	157	1.50
2462MHz_TX	Pass	PK	2.489G	57.48	74.00	-16.52	3	Horizontal	157	1.50
2462MHz_TX	Pass	AV	4.92694G	29.80	54.00	-24.20	3	Vertical	9	2.83
2462MHz_TX	Pass	AV	7.38294G	33.71	54.00	-20.29	3	Vertical	331	3.00
2462MHz_TX	Pass	PK	4.93504G	42.51	74.00	-31.49	3	Vertical	9	2.83
2462MHz_TX	Pass	PK	7.39758G	46.59	74.00	-27.41	3	Vertical	331	3.00
2462MHz_TX	Pass	AV	4.93732G	29.38	54.00	-24.62	3	Horizontal	120	1.50
2462MHz_TX	Pass	AV	7.3761G	33.65	54.00	-20.35	3	Horizontal	178	1.50
2462MHz_TX	Pass	PK	4.9297G	42.28	74.00	-31.72	3	Horizontal	120	1.50
2462MHz_TX	Pass	PK	7.4004G	45.89	74.00	-28.11	3	Horizontal	178	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz_TX	Pass	AV	2.3824G	52.74	54.00	-1.26	3	Vertical	206	1.76
2422MHz_TX	Pass	AV	2.4212G	109.32	Inf	-Inf	3	Vertical	206	1.76
2422MHz_TX	Pass	AV	2.4835G	46.56	54.00	-7.44	3	Vertical	206	1.76
2422MHz_TX	Pass	PK	2.3864G	72.90	74.00	-1.10	3	Vertical	206	1.76
2422MHz_TX	Pass	PK	2.4212G	121.75	Inf	-Inf	3	Vertical	206	1.76
2422MHz_TX	Pass	PK	2.4912G	58.55	74.00	-15.45	3	Vertical	206	1.76
2422MHz_TX	Pass	AV	2.3876G	45.45	54.00	-8.55	3	Horizontal	241	1.04
2422MHz_TX	Pass	AV	2.4208G	93.86	Inf	-Inf	3	Horizontal	241	1.04
2422MHz_TX	Pass	AV	2.5G	45.44	54.00	-8.56	3	Horizontal	241	1.04
2422MHz_TX	Pass	PK	2.3892G	57.59	74.00	-16.41	3	Horizontal	241	1.04
2422MHz_TX	Pass	PK	2.4212G	105.16	Inf	-Inf	3	Horizontal	241	1.04
2422MHz_TX	Pass	PK	2.4952G	57.22	74.00	-16.78	3	Horizontal	241	1.04
2422MHz_TX	Pass	AV	4.84376G	30.45	54.00	-23.55	3	Vertical	190	1.70

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2422MHz_TX	Pass	AV	7.2846G	33.45	54.00	-20.55	3	Vertical	65	1.12
2422MHz_TX	Pass	PK	4.85864G	42.01	74.00	-31.99	3	Vertical	190	1.70
2422MHz_TX	Pass	PK	7.25844G	46.33	74.00	-27.67	3	Vertical	65	1.12
2422MHz_TX	Pass	AV	4.85816G	28.92	54.00	-25.08	3	Horizontal	36	1.49
2422MHz_TX	Pass	AV	7.27884G	33.42	54.00	-20.58	3	Horizontal	197	1.50
2422MHz_TX	Pass	PK	4.82492G	41.54	74.00	-32.46	3	Horizontal	36	1.49
2422MHz_TX	Pass	PK	7.25772G	46.68	74.00	-27.32	3	Horizontal	197	1.50
2427MHz_TX	Pass	AV	2.3898G	53.83	54.00	-0.17	3	Vertical	348	2.40
2427MHz_TX	Pass	AV	2.4278G	110.54	Inf	-Inf	3	Vertical	348	2.40
2427MHz_TX	Pass	AV	2.4842G	47.12	54.00	-6.88	3	Vertical	348	2.40
2427MHz_TX	Pass	PK	2.3898G	68.58	74.00	-5.42	3	Vertical	348	2.40
2427MHz_TX	Pass	PK	2.4282G	121.63	Inf	-Inf	3	Vertical	348	2.40
2427MHz_TX	Pass	PK	2.4894G	59.66	74.00	-14.34	3	Vertical	348	2.40
2427MHz_TX	Pass	AV	2.3894G	45.87	54.00	-8.13	3	Horizontal	201	1.00
2427MHz_TX	Pass	AV	2.4278G	97.58	Inf	-Inf	3	Horizontal	201	1.00
2427MHz_TX	Pass	AV	2.497G	45.49	54.00	-8.51	3	Horizontal	201	1.00
2427MHz_TX	Pass	PK	2.3638G	57.65	74.00	-16.35	3	Horizontal	201	1.00
2427MHz_TX	Pass	PK	2.4282G	108.61	Inf	-Inf	3	Horizontal	201	1.00
2427MHz_TX	Pass	PK	2.4866G	57.08	74.00	-16.92	3	Horizontal	201	1.00
2437MHz_TX	Pass	AV	2.3886G	52.96	54.00	-1.04	3	Vertical	344	1.98
2437MHz_TX	Pass	AV	2.4378G	110.29	Inf	-Inf	3	Vertical	344	1.98
2437MHz_TX	Pass	AV	2.4835G	50.51	54.00	-3.49	3	Vertical	344	1.98
2437MHz_TX	Pass	PK	2.3894G	65.72	74.00	-8.28	3	Vertical	344	1.98
2437MHz_TX	Pass	PK	2.4402G	121.18	Inf	-Inf	3	Vertical	344	1.98
2437MHz_TX	Pass	PK	2.487G	64.94	74.00	-9.06	3	Vertical	344	1.98
2437MHz_TX	Pass	AV	2.3898G	44.91	54.00	-9.09	3	Horizontal	155	1.50
2437MHz_TX	Pass	AV	2.4358G	92.86	Inf	-Inf	3	Horizontal	155	1.50
2437MHz_TX	Pass	AV	2.4874G	45.52	54.00	-8.48	3	Horizontal	155	1.50
2437MHz_TX	Pass	PK	2.3686G	56.92	74.00	-17.08	3	Horizontal	155	1.50
2437MHz_TX	Pass	PK	2.4354G	104.18	Inf	-Inf	3	Horizontal	155	1.50
2437MHz_TX	Pass	PK	2.4998G	58.31	74.00	-15.69	3	Horizontal	155	1.50
2437MHz_TX	Pass	AV	4.844G	30.21	54.00	-23.79	3	Vertical	187	1.71
2437MHz_TX	Pass	AV	7.299G	33.65	54.00	-20.35	3	Vertical	232	2.37
2437MHz_TX	Pass	PK	4.88132G	41.83	74.00	-32.17	3	Vertical	187	1.71
2437MHz_TX	Pass	PK	7.3194G	45.91	74.00	-28.09	3	Vertical	232	2.37
2437MHz_TX	Pass	AV	4.87232G	29.23	54.00	-24.77	3	Horizontal	72	1.50
2437MHz_TX	Pass	AV	7.2816G	33.66	54.00	-20.34	3	Horizontal	263	1.50
2437MHz_TX	Pass	PK	4.86968G	41.98	74.00	-32.02	3	Horizontal	72	1.50
2437MHz_TX	Pass	PK	7.3266G	45.81	74.00	-28.19	3	Horizontal	263	1.50
2447MHz_TX	Pass	AV	2.3898G	47.86	54.00	-6.14	3	Vertical	346	2.16
2447MHz_TX	Pass	AV	2.4478G	109.72	Inf	-Inf	3	Vertical	346	2.16
2447MHz_TX	Pass	AV	2.4835G	53.57	54.00	-0.43	3	Vertical	346	2.16
2447MHz_TX	Pass	PK	2.3882G	60.34	74.00	-13.66	3	Vertical	346	2.16
2447MHz_TX	Pass	PK	2.4482G	121.34	Inf	-Inf	3	Vertical	346	2.16
2447MHz_TX	Pass	PK	2.485G	66.77	74.00	-7.23	3	Vertical	346	2.16
2447MHz_TX	Pass	AV	2.389G	44.81	54.00	-9.19	3	Horizontal	208	1.13
2447MHz_TX	Pass	AV	2.4478G	93.79	Inf	-Inf	3	Horizontal	208	1.13
2447MHz_TX	Pass	AV	2.4862G	46.25	54.00	-7.75	3	Horizontal	208	1.13
2447MHz_TX	Pass	PK	2.3878G	57.74	74.00	-16.26	3	Horizontal	208	1.13
2447MHz_TX	Pass	PK	2.4454G	105.22	Inf	-Inf	3	Horizontal	208	1.13
2447MHz_TX	Pass	PK	2.4894G	58.01	74.00	-15.99	3	Horizontal	208	1.13
2452MHz_TX	Pass	AV	2.39G	46.79	54.00	-7.21	3	Vertical	3	2.12
2452MHz_TX	Pass	AV	2.4504G	107.67	Inf	-Inf	3	Vertical	3	2.12
2452MHz_TX	Pass	AV	2.4848G	52.91	54.00	-1.09	3	Vertical	3	2.12
2452MHz_TX	Pass	PK	2.3812G	58.69	74.00	-15.31	3	Vertical	3	2.12
2452MHz_TX	Pass	PK	2.45G	119.31	Inf	-Inf	3	Vertical	3	2.12
2452MHz_TX	Pass	PK	2.4888G	64.54	74.00	-9.46	3	Vertical	3	2.12
2452MHz_TX	Pass	AV	2.3888G	44.72	54.00	-9.28	3	Horizontal	184	1.02
2452MHz_TX	Pass	AV	2.4504G	92.16	Inf	-Inf	3	Horizontal	184	1.02
2452MHz_TX	Pass	AV	2.4835G	45.85	54.00	-8.15	3	Horizontal	184	1.02
2452MHz_TX	Pass	PK	2.36G	57.38	74.00	-16.62	3	Horizontal	184	1.02
2452MHz_TX	Pass	PK	2.446G	103.38	Inf	-Inf	3	Horizontal	184	1.02

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2452MHz_TX	Pass	PK	2.492G	58.48	74.00	-15.52	3	Horizontal	184	1.02
2452MHz_TX	Pass	AV	4.934G	29.31	54.00	-24.69	3	Vertical	20	1.50
2452MHz_TX	Pass	AV	7.34376G	33.73	54.00	-20.27	3	Vertical	149	1.50
2452MHz_TX	Pass	PK	4.88384G	42.09	74.00	-31.91	3	Vertical	20	1.50
2452MHz_TX	Pass	PK	7.34388G	45.88	74.00	-28.12	3	Vertical	149	1.50
2452MHz_TX	Pass	AV	4.93388G	29.19	54.00	-24.81	3	Horizontal	95	1.50
2452MHz_TX	Pass	AV	7.34376G	33.65	54.00	-20.35	3	Horizontal	159	1.50
2452MHz_TX	Pass	PK	4.89092G	42.11	74.00	-31.89	3	Horizontal	95	1.50
2452MHz_TX	Pass	PK	7.3296G	46.45	74.00	-27.55	3	Horizontal	159	1.50

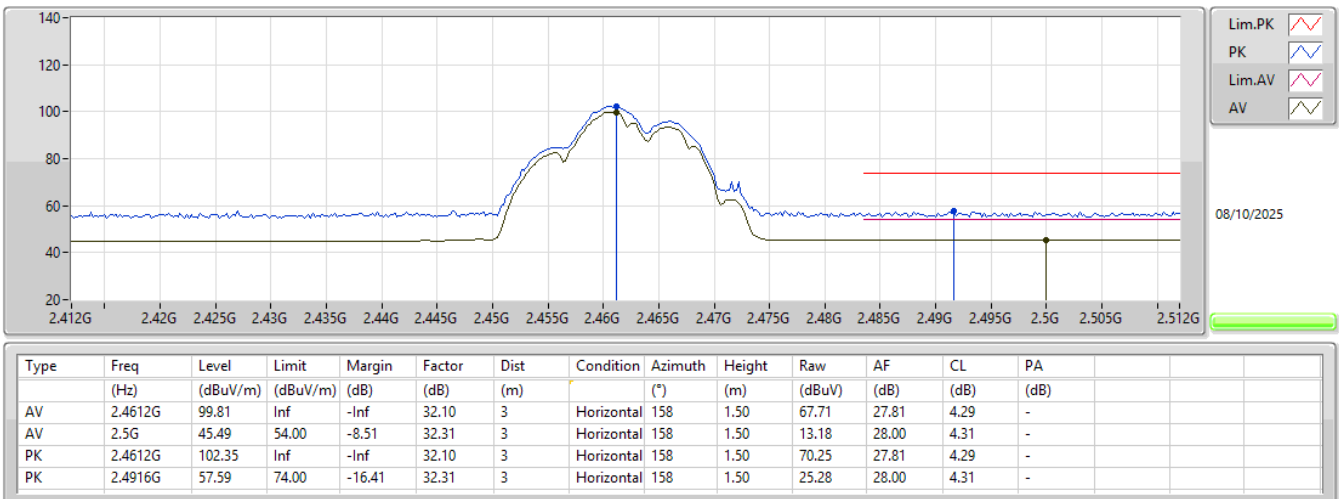
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



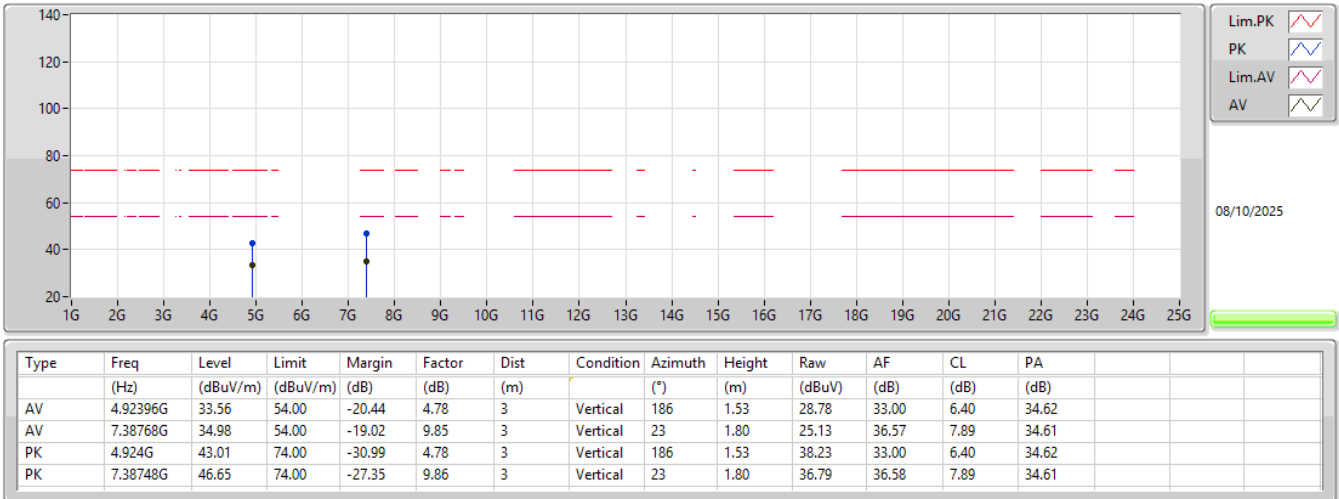
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



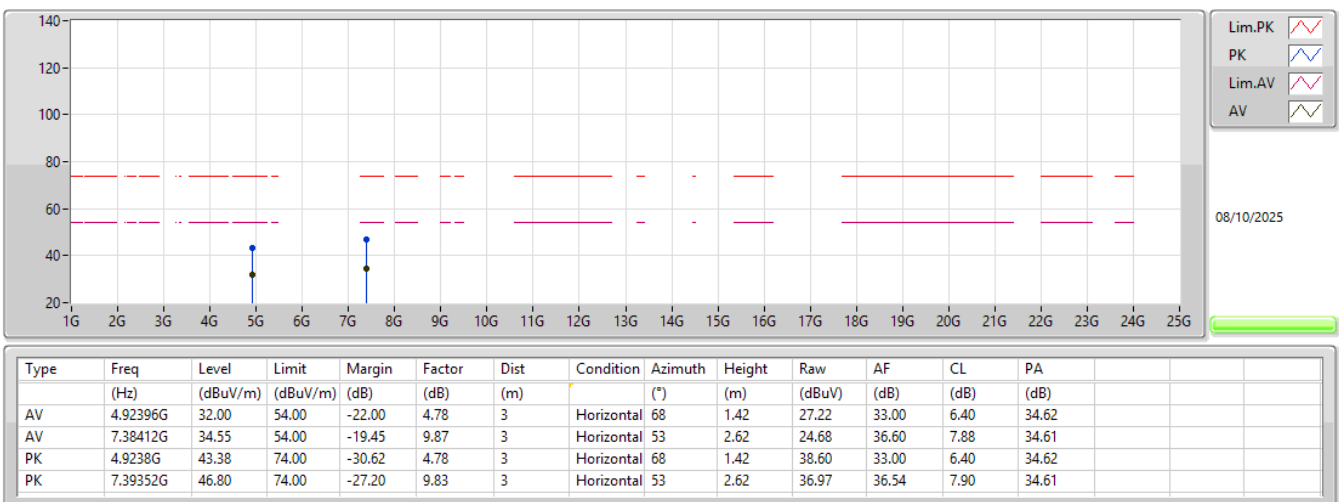
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



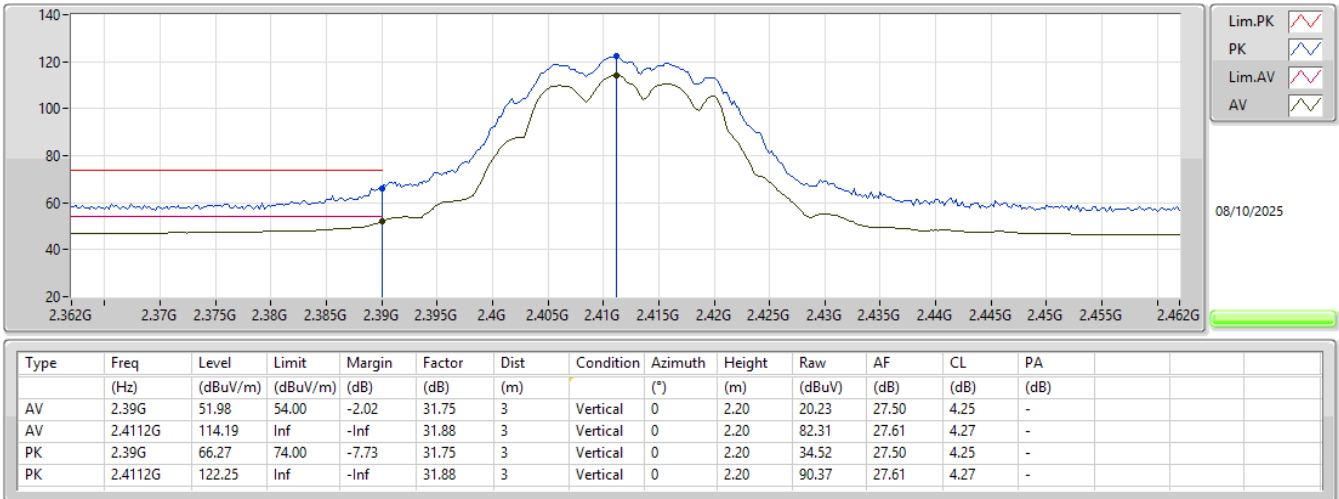
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



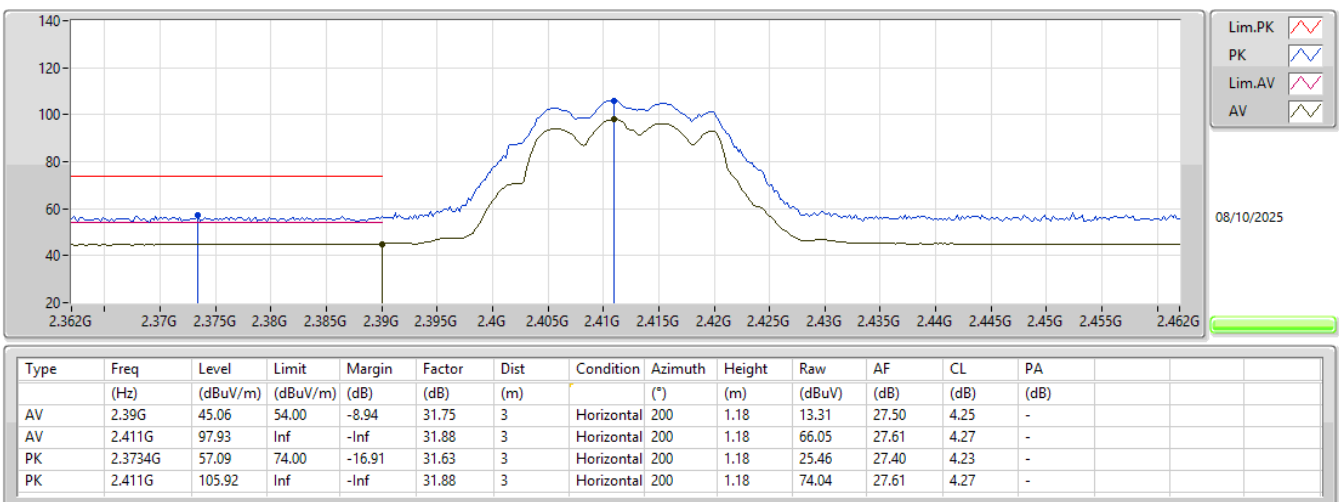
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



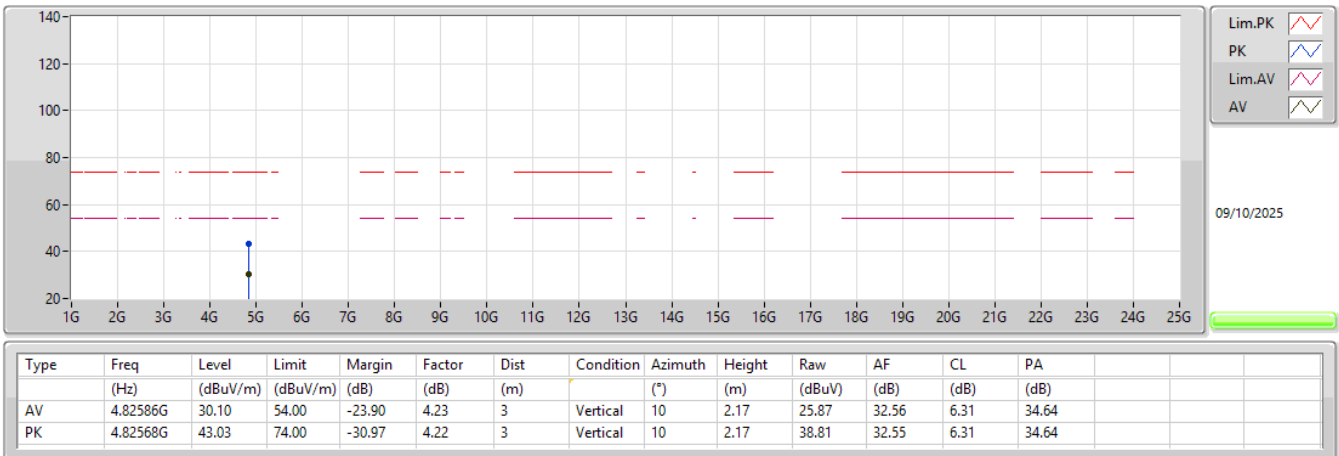
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



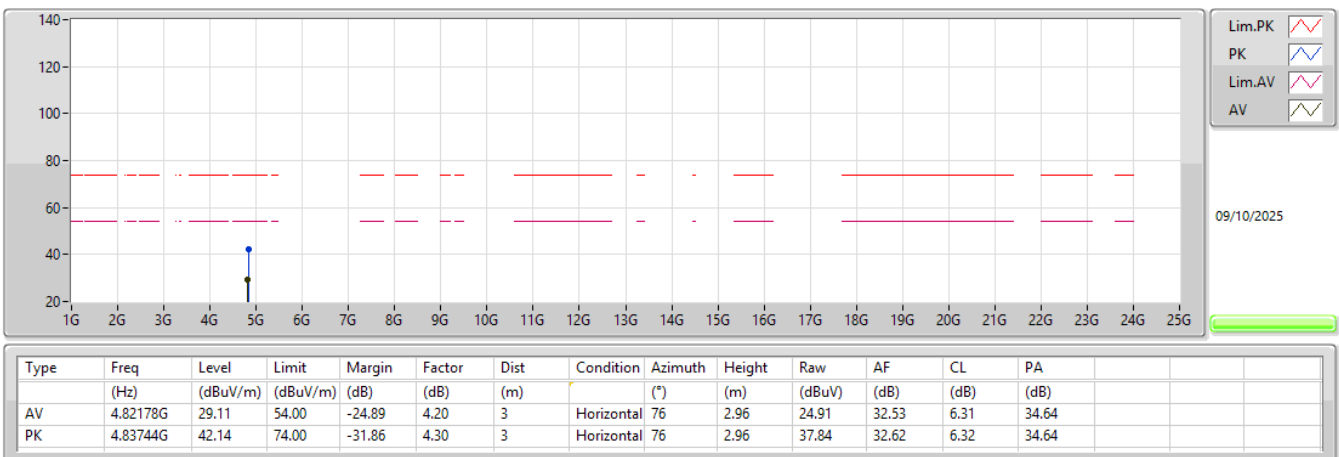
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



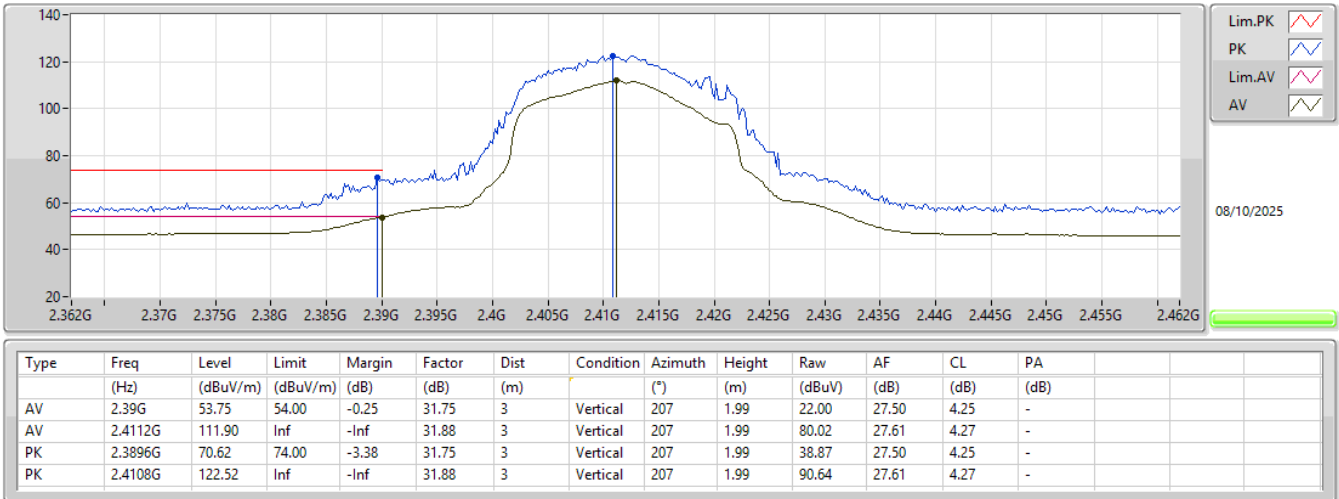
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



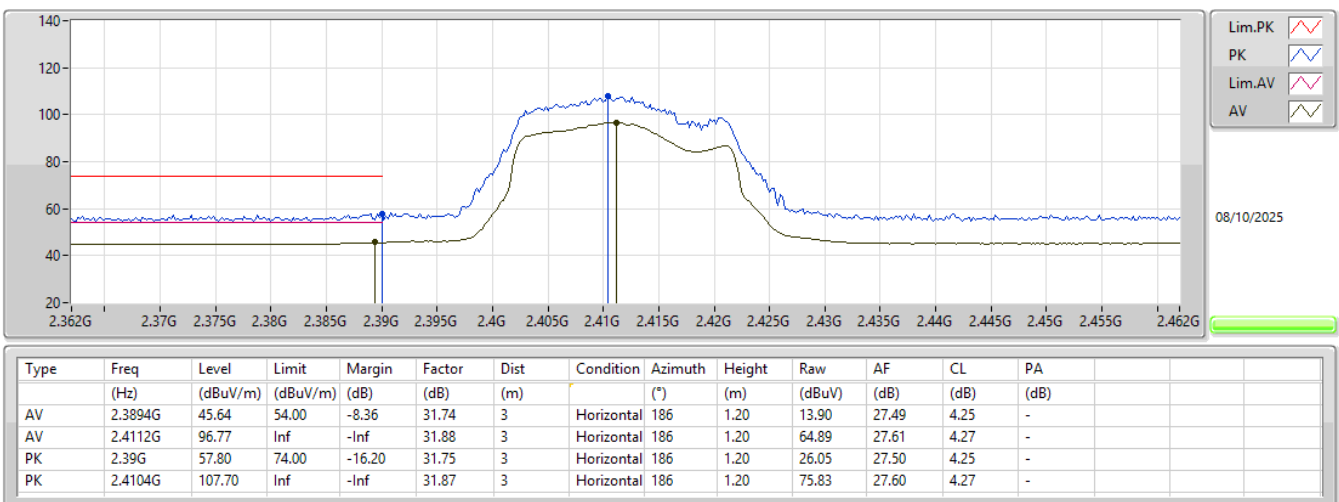
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



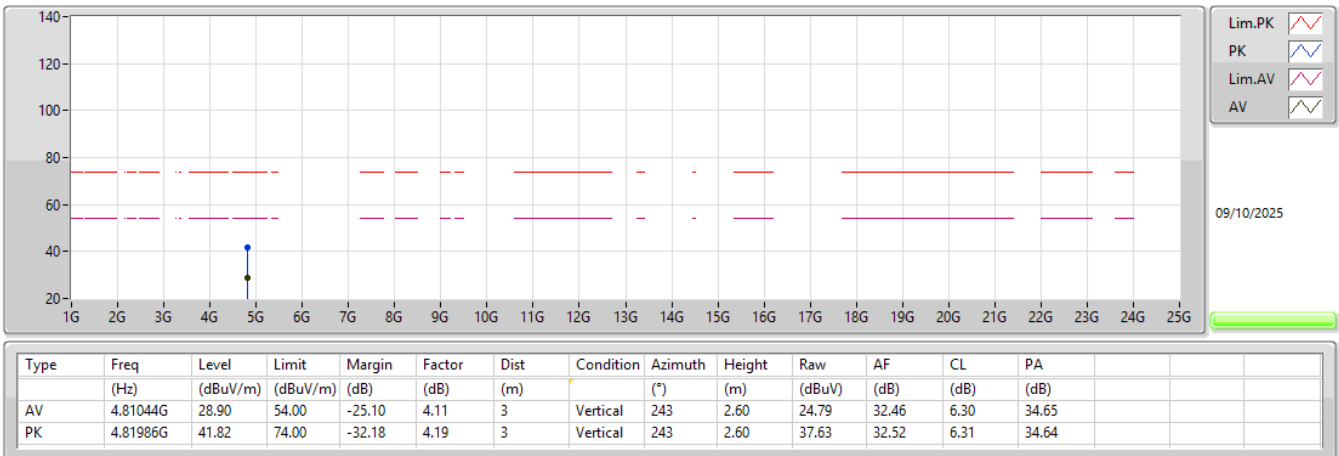
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



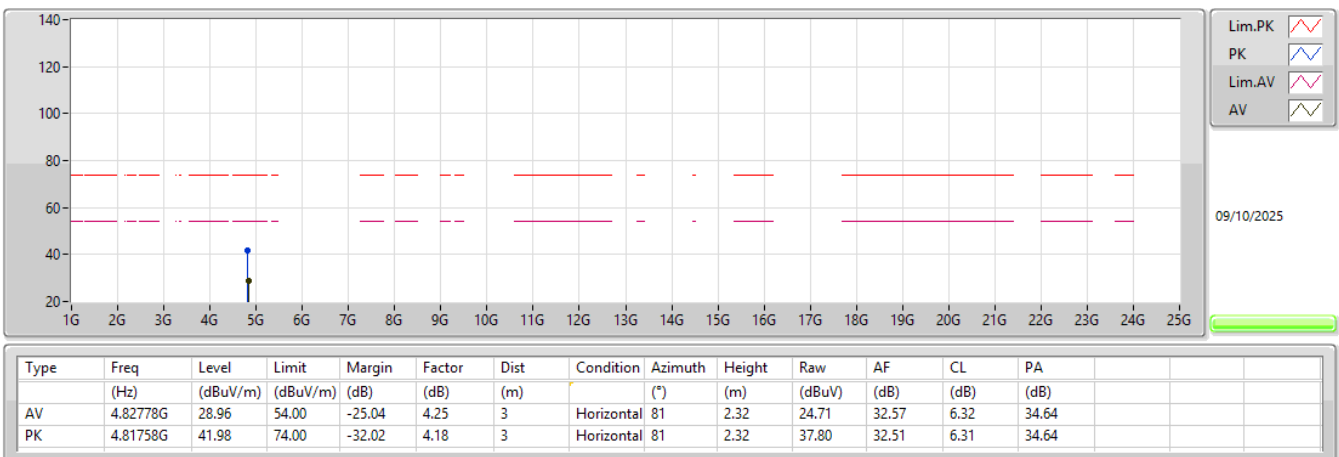
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



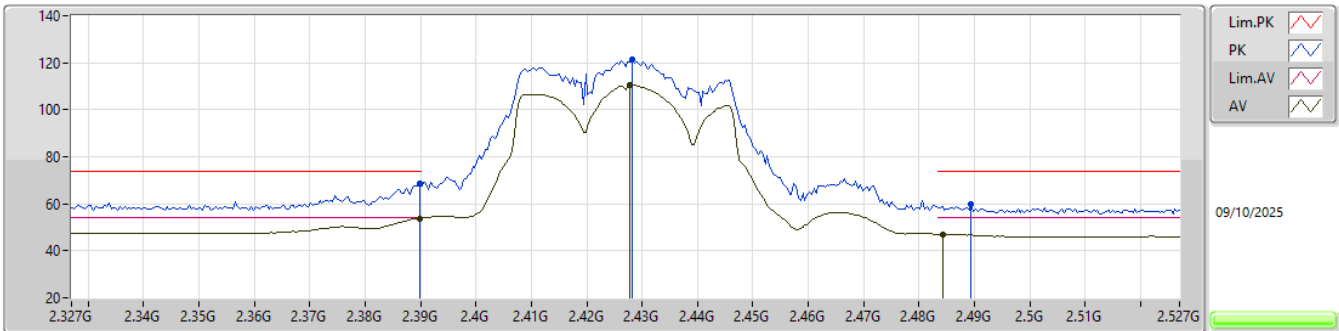
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



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

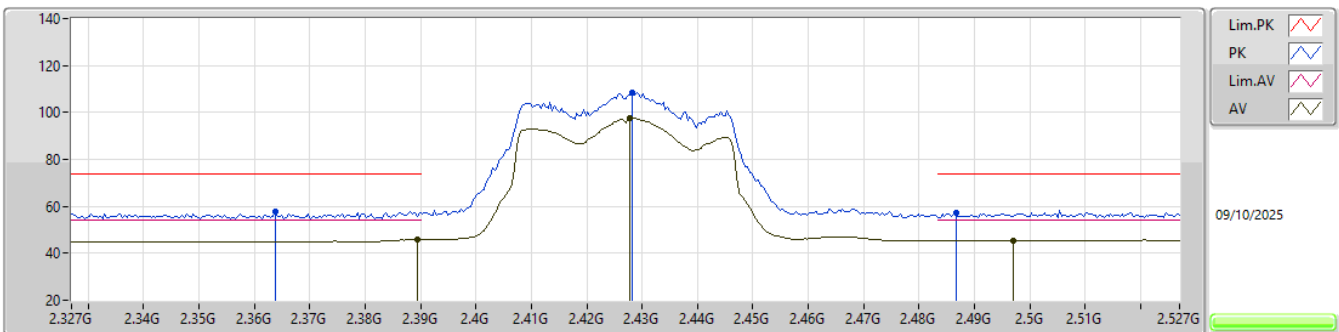
2427MHz_TX



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	53.83	54.00	-0.17	31.75	3	Vertical	348	2.40	22.08	27.50	4.25	-
AV	2.4278G	110.54	Inf	-Inf	31.97	3	Vertical	348	2.40	78.57	27.70	4.27	-
AV	2.4842G	47.12	54.00	-6.88	32.24	3	Vertical	348	2.40	14.88	27.94	4.30	-
PK	2.3898G	68.58	74.00	-5.42	31.75	3	Vertical	348	2.40	36.83	27.50	4.25	-
PK	2.4282G	121.63	Inf	-Inf	31.97	3	Vertical	348	2.40	89.66	27.70	4.27	-
PK	2.4894G	59.66	74.00	-14.34	32.29	3	Vertical	348	2.40	27.37	27.99	4.30	-

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

2427MHz_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	2.3894G	45.87	54.00	-8.13	31.74	3	Horizontal	201	1.00	14.13	27.49	4.25	-
AV	2.4278G	97.58	Inf	-Inf	31.97	3	Horizontal	201	1.00	65.61	27.70	4.27	-
AV	2.497G	45.49	54.00	-8.51	32.31	3	Horizontal	201	1.00	13.18	28.00	4.31	-
PK	2.3638G	57.65	74.00	-16.35	31.62	3	Horizontal	201	1.00	26.03	27.40	4.22	-
PK	2.4282G	108.61	Inf	-Inf	31.97	3	Horizontal	201	1.00	76.64	27.70	4.27	-
PK	2.4866G	57.08	74.00	-16.92	32.27	3	Horizontal	201	1.00	24.81	27.97	4.30	-



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	QP	47.46M	49.89	-	-	3	Vertical	360	1.03

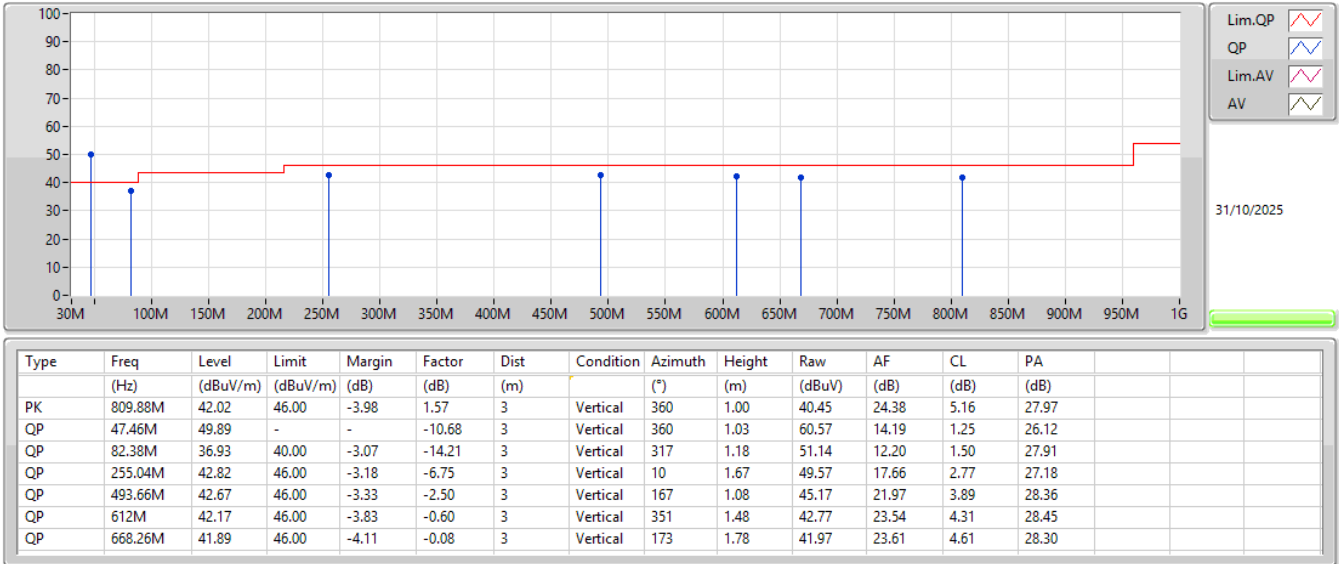
Result

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_DC Power Supply	Pass	PK	809.88M	42.02	46.00	-3.98	3	Vertical	360	1.00
*2437MHz_DC Power Supply	Pass	QP	47.46M	49.89	-	-	3	Vertical	360	1.03
2437MHz_DC Power Supply	Pass	QP	82.38M	36.93	40.00	-3.07	3	Vertical	317	1.18
2437MHz_DC Power Supply	Pass	QP	255.04M	42.82	46.00	-3.18	3	Vertical	10	1.67
2437MHz_DC Power Supply	Pass	QP	493.66M	42.67	46.00	-3.33	3	Vertical	167	1.08
2437MHz_DC Power Supply	Pass	QP	612M	42.17	46.00	-3.83	3	Vertical	351	1.48
2437MHz_DC Power Supply	Pass	QP	668.26M	41.89	46.00	-4.11	3	Vertical	173	1.78
2437MHz_DC Power Supply	Pass	PK	369.5M	40.43	46.00	-5.57	3	Horizontal	0	1.00
*2437MHz_DC Power Supply	Pass	QP	47.46M	40.84	-	-	3	Horizontal	261	2.13
2437MHz_DC Power Supply	Pass	QP	107.6M	39.10	43.50	-4.40	3	Horizontal	356	1.91
2437MHz_DC Power Supply	Pass	QP	159.98M	39.24	43.50	-4.26	3	Horizontal	1	1.73
*2437MHz_DC Power Supply	Pass	QP	255.04M	47.62	-	-	3	Horizontal	268	1.69
2437MHz_DC Power Supply	Pass	QP	495.6M	42.60	46.00	-3.40	3	Horizontal	234	1.88
2437MHz_DC Power Supply	Pass	QP	648.86M	42.89	46.00	-3.11	3	Horizontal	238	1.91
2437MHz_DC Power Supply	Pass	QP	866.14M	42.31	46.00	-3.69	3	Horizontal	44	1.91

*The frequencies mentioned in Comments and Explanations are not limited to this Limit.

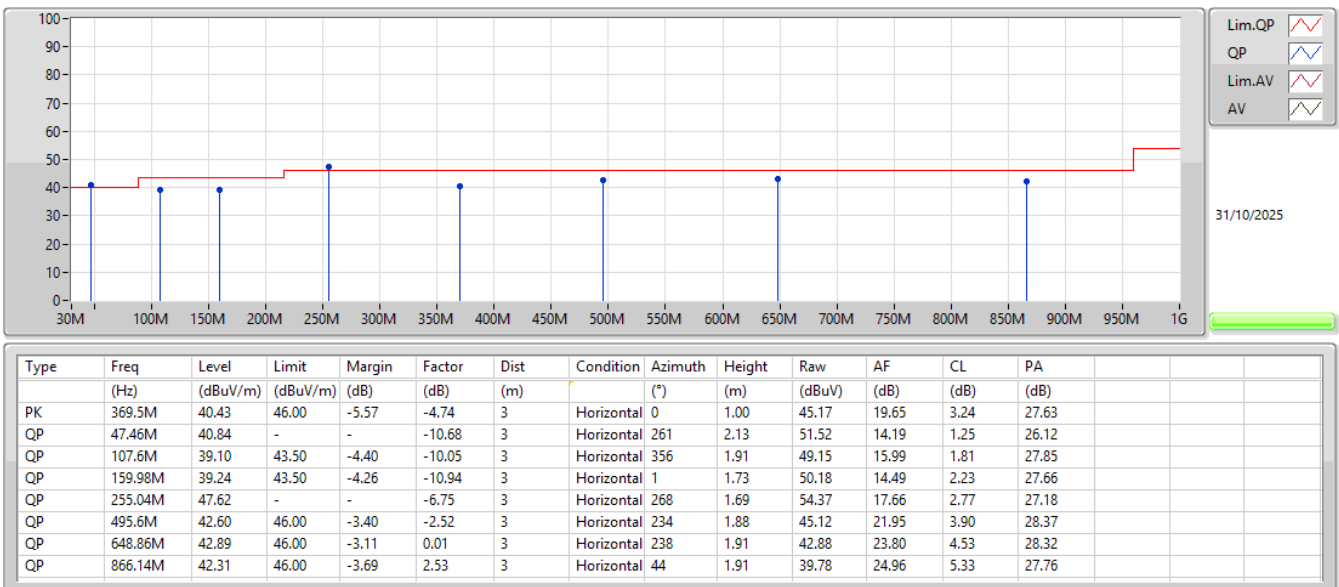
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2437MHz_DC Power Supply



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

2437MHz_DC Power Supply



**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	2.4835G	46.86	54.00	-7.14	3	Horizontal	55	2.80
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	2.39G	52.15	54.00	-1.85	3	Horizontal	64	2.92
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	2.39G	53.50	54.00	-0.50	3	Horizontal	67	2.94
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	2.3844G	73.57	74.00	-0.43	3	Horizontal	66	2.90

Result

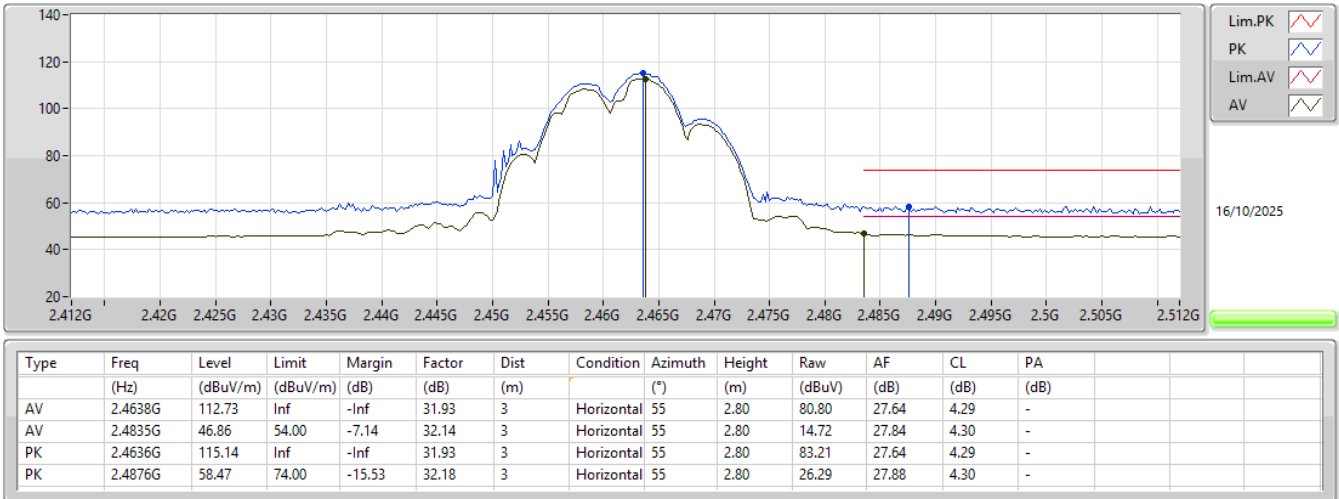
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.3834G	46.15	54.00	-7.85	3	Horizontal	53	2.90
2412MHz	Pass	AV	2.4112G	113.13	Inf	-Inf	3	Horizontal	53	2.90
2412MHz	Pass	PK	2.3862G	57.52	74.00	-16.48	3	Horizontal	53	2.90
2412MHz	Pass	PK	2.411G	115.63	Inf	-Inf	3	Horizontal	53	2.90
2412MHz	Pass	AV	4.82396G	41.93	54.00	-12.07	3	Vertical	154	2.46
2412MHz	Pass	PK	4.82392G	46.48	74.00	-27.52	3	Vertical	154	2.46
2412MHz	Pass	AV	4.824G	37.00	54.00	-17.00	3	Horizontal	159	1.50
2412MHz	Pass	PK	4.82412G	44.13	74.00	-29.87	3	Horizontal	159	1.50
2437MHz	Pass	AV	2.3418G	45.58	54.00	-8.42	3	Horizontal	66	2.84
2437MHz	Pass	AV	2.4378G	112.26	Inf	-Inf	3	Horizontal	66	2.84
2437MHz	Pass	AV	2.4998G	45.43	54.00	-8.57	3	Horizontal	66	2.84
2437MHz	Pass	PK	2.343G	57.40	74.00	-16.60	3	Horizontal	66	2.84
2437MHz	Pass	PK	2.4378G	114.81	Inf	-Inf	3	Horizontal	66	2.84
2437MHz	Pass	PK	2.4934G	58.19	74.00	-15.81	3	Horizontal	66	2.84
2437MHz	Pass	AV	4.874G	41.45	54.00	-12.55	3	Vertical	165	1.86
2437MHz	Pass	AV	7.31202G	35.61	54.00	-18.39	3	Vertical	139	1.50
2437MHz	Pass	PK	4.87382G	46.40	74.00	-27.60	3	Vertical	165	1.86
2437MHz	Pass	PK	7.30794G	47.04	74.00	-26.96	3	Vertical	139	1.50
2437MHz	Pass	AV	4.87394G	35.27	54.00	-18.73	3	Horizontal	162	1.50
2437MHz	Pass	AV	7.31226G	34.58	54.00	-19.42	3	Horizontal	184	1.04
2437MHz	Pass	PK	4.87388G	43.60	74.00	-30.40	3	Horizontal	162	1.50
2437MHz	Pass	PK	7.31262G	46.50	74.00	-27.50	3	Horizontal	184	1.04
2462MHz	Pass	AV	2.4638G	112.73	Inf	-Inf	3	Horizontal	55	2.80
2462MHz	Pass	AV	2.4835G	46.86	54.00	-7.14	3	Horizontal	55	2.80
2462MHz	Pass	PK	2.4636G	115.14	Inf	-Inf	3	Horizontal	55	2.80
2462MHz	Pass	PK	2.4876G	58.47	74.00	-15.53	3	Horizontal	55	2.80
2462MHz	Pass	AV	4.924G	40.54	54.00	-13.46	3	Vertical	175	1.55
2462MHz	Pass	AV	7.38432G	36.30	54.00	-17.70	3	Vertical	162	1.92
2462MHz	Pass	PK	4.92412G	46.38	74.00	-27.62	3	Vertical	175	1.55
2462MHz	Pass	PK	7.3848G	46.71	74.00	-27.29	3	Vertical	162	1.92
2462MHz	Pass	AV	4.92394G	36.26	54.00	-17.74	3	Horizontal	137	1.58
2462MHz	Pass	AV	7.3851G	35.51	54.00	-18.49	3	Horizontal	162	1.18
2462MHz	Pass	PK	4.92388G	44.22	74.00	-29.78	3	Horizontal	137	1.58
2462MHz	Pass	PK	7.38648G	46.53	74.00	-27.47	3	Horizontal	162	1.18
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	52.15	54.00	-1.85	3	Horizontal	64	2.92
2412MHz	Pass	AV	2.411G	110.87	Inf	-Inf	3	Horizontal	64	2.92
2412MHz	Pass	PK	2.39G	67.47	74.00	-6.53	3	Horizontal	64	2.92
2412MHz	Pass	PK	2.411G	118.84	Inf	-Inf	3	Horizontal	64	2.92
2412MHz	Pass	AV	4.82568G	31.77	54.00	-22.23	3	Vertical	164	1.90
2412MHz	Pass	PK	4.82496G	44.05	74.00	-29.95	3	Vertical	164	1.90
2412MHz	Pass	AV	4.82574G	30.44	54.00	-23.56	3	Horizontal	158	1.55
2412MHz	Pass	PK	4.82706G	42.97	74.00	-31.03	3	Horizontal	158	1.55
2437MHz	Pass	AV	2.337G	45.76	54.00	-8.24	3	Horizontal	55	2.83
2437MHz	Pass	AV	2.4378G	110.07	Inf	-Inf	3	Horizontal	55	2.83
2437MHz	Pass	AV	2.4835G	45.79	54.00	-8.21	3	Horizontal	55	2.83
2437MHz	Pass	PK	2.3386G	57.85	74.00	-16.15	3	Horizontal	55	2.83
2437MHz	Pass	PK	2.4378G	117.97	Inf	-Inf	3	Horizontal	55	2.83
2437MHz	Pass	PK	2.4835G	57.89	74.00	-16.11	3	Horizontal	55	2.83
2437MHz	Pass	AV	4.87568G	32.13	54.00	-21.87	3	Vertical	176	2.92
2437MHz	Pass	AV	7.302G	33.84	54.00	-20.16	3	Vertical	0	1.50
2437MHz	Pass	PK	4.87694G	44.61	74.00	-29.39	3	Vertical	176	2.92
2437MHz	Pass	PK	7.2963G	46.36	74.00	-27.64	3	Vertical	0	1.50
2437MHz	Pass	AV	4.87556G	30.32	54.00	-23.68	3	Horizontal	160	1.50
2437MHz	Pass	AV	7.30974G	34.00	54.00	-20.00	3	Horizontal	171	1.50
2437MHz	Pass	PK	4.87076G	42.82	74.00	-31.18	3	Horizontal	160	1.50
2437MHz	Pass	PK	7.31406G	46.84	74.00	-27.16	3	Horizontal	171	1.50
2462MHz	Pass	AV	2.461G	110.46	Inf	-Inf	3	Horizontal	56	2.80
2462MHz	Pass	AV	2.4835G	49.20	54.00	-4.80	3	Horizontal	56	2.80
2462MHz	Pass	PK	2.4606G	118.72	Inf	-Inf	3	Horizontal	56	2.80

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2462MHz	Pass	PK	2.4836G	63.50	74.00	-10.50	3	Horizontal	56	2.80
2462MHz	Pass	AV	4.92586G	32.91	54.00	-21.09	3	Vertical	176	1.56
2462MHz	Pass	AV	7.38618G	34.12	54.00	-19.88	3	Vertical	146	2.74
2462MHz	Pass	PK	4.92088G	45.34	74.00	-28.66	3	Vertical	176	1.56
2462MHz	Pass	PK	7.38654G	46.41	74.00	-27.59	3	Vertical	146	2.74
2462MHz	Pass	AV	4.92226G	29.26	54.00	-24.74	3	Horizontal	58	2.22
2462MHz	Pass	AV	7.37784G	33.77	54.00	-20.23	3	Horizontal	30	2.35
2462MHz	Pass	PK	4.9213G	41.75	74.00	-32.25	3	Horizontal	58	2.22
2462MHz	Pass	PK	7.38528G	47.02	74.00	-26.98	3	Horizontal	30	2.35
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	AV	2.39G	53.50	54.00	-0.50	3	Horizontal	67	2.94
2412MHz	Pass	AV	2.4108G	108.20	Inf	-Inf	3	Horizontal	67	2.94
2412MHz	Pass	PK	2.3876G	70.57	74.00	-3.43	3	Horizontal	67	2.94
2412MHz	Pass	PK	2.4098G	119.49	Inf	-Inf	3	Horizontal	67	2.94
2412MHz	Pass	AV	4.82742G	30.94	54.00	-23.06	3	Vertical	164	1.78
2412MHz	Pass	PK	4.82442G	43.30	74.00	-30.70	3	Vertical	164	1.78
2412MHz	Pass	AV	4.82616G	29.60	54.00	-24.40	3	Horizontal	159	1.50
2412MHz	Pass	PK	4.8273G	41.92	74.00	-32.08	3	Horizontal	159	1.50
2417MHz	Pass	AV	2.39G	50.45	54.00	-3.55	3	Horizontal	67	2.91
2417MHz	Pass	AV	2.416G	109.38	Inf	-Inf	3	Horizontal	67	2.91
2417MHz	Pass	PK	2.3898G	64.69	74.00	-9.31	3	Horizontal	67	2.91
2417MHz	Pass	PK	2.4162G	120.05	Inf	-Inf	3	Horizontal	67	2.91
2437MHz	Pass	AV	2.3442G	45.72	54.00	-8.28	3	Horizontal	305	2.28
2437MHz	Pass	AV	2.4362G	108.16	Inf	-Inf	3	Horizontal	305	2.28
2437MHz	Pass	AV	2.489G	45.85	54.00	-8.15	3	Horizontal	305	2.28
2437MHz	Pass	PK	2.3606G	57.27	74.00	-16.73	3	Horizontal	305	2.28
2437MHz	Pass	PK	2.4362G	118.82	Inf	-Inf	3	Horizontal	305	2.28
2437MHz	Pass	PK	2.4918G	57.65	74.00	-16.35	3	Horizontal	305	2.28
2437MHz	Pass	AV	4.87826G	31.60	54.00	-22.40	3	Vertical	165	1.86
2437MHz	Pass	AV	7.3026G	34.25	54.00	-19.75	3	Vertical	146	1.08
2437MHz	Pass	PK	4.8779G	44.14	74.00	-29.86	3	Vertical	165	1.86
2437MHz	Pass	PK	7.3122G	46.61	74.00	-27.39	3	Vertical	146	1.08
2437MHz	Pass	AV	4.8725G	29.30	54.00	-24.70	3	Horizontal	26	1.50
2437MHz	Pass	AV	7.29726G	33.95	54.00	-20.05	3	Horizontal	28	2.42
2437MHz	Pass	PK	4.8752G	41.37	74.00	-32.63	3	Horizontal	26	1.50
2437MHz	Pass	PK	7.32258G	45.99	74.00	-28.01	3	Horizontal	28	2.42
2462MHz	Pass	AV	2.4628G	109.00	Inf	-Inf	3	Horizontal	42	2.54
2462MHz	Pass	AV	2.4835G	49.05	54.00	-4.95	3	Horizontal	42	2.54
2462MHz	Pass	PK	2.4634G	119.92	Inf	-Inf	3	Horizontal	42	2.54
2462MHz	Pass	PK	2.4846G	61.36	74.00	-12.64	3	Horizontal	42	2.54
2462MHz	Pass	AV	4.9267G	31.87	54.00	-22.13	3	Vertical	177	1.56
2462MHz	Pass	AV	7.38576G	34.25	54.00	-19.75	3	Vertical	145	2.28
2462MHz	Pass	PK	4.93222G	45.32	74.00	-28.68	3	Vertical	177	1.56
2462MHz	Pass	PK	7.38858G	46.66	74.00	-27.34	3	Vertical	145	2.28
2462MHz	Pass	AV	4.92922G	29.67	54.00	-24.33	3	Horizontal	163	1.50
2462MHz	Pass	AV	7.38864G	33.94	54.00	-20.06	3	Horizontal	146	2.13
2462MHz	Pass	PK	4.92838G	42.57	74.00	-31.43	3	Horizontal	163	1.50
2462MHz	Pass	PK	7.38396G	46.45	74.00	-27.55	3	Horizontal	146	2.13
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	AV	2.39G	51.84	54.00	-2.16	3	Horizontal	66	2.90
2422MHz	Pass	AV	2.4192G	106.75	Inf	-Inf	3	Horizontal	66	2.90
2422MHz	Pass	AV	2.4972G	46.03	54.00	-7.97	3	Horizontal	66	2.90
2422MHz	Pass	PK	2.3844G	73.57	74.00	-0.43	3	Horizontal	66	2.90
2422MHz	Pass	PK	2.4192G	117.76	Inf	-Inf	3	Horizontal	66	2.90
2422MHz	Pass	PK	2.488G	58.48	74.00	-15.52	3	Horizontal	66	2.90
2422MHz	Pass	AV	4.8476G	30.56	54.00	-23.44	3	Vertical	162	1.76
2422MHz	Pass	AV	7.25304G	34.22	54.00	-19.78	3	Vertical	139	1.50
2422MHz	Pass	PK	4.83164G	43.20	74.00	-30.80	3	Vertical	162	1.76
2422MHz	Pass	PK	7.2792G	47.10	74.00	-26.90	3	Vertical	139	1.50
2422MHz	Pass	AV	4.87304G	29.42	54.00	-24.58	3	Horizontal	173	1.50
2422MHz	Pass	AV	7.28316G	34.12	54.00	-19.88	3	Horizontal	264	1.43
2422MHz	Pass	PK	4.81928G	42.45	74.00	-31.55	3	Horizontal	173	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
2422MHz	Pass	PK	7.28376G	46.91	74.00	-27.09	3	Horizontal	264	1.43
2437MHz	Pass	AV	2.3894G	49.48	54.00	-4.52	3	Horizontal	67	2.89
2437MHz	Pass	AV	2.4346G	105.64	Inf	-Inf	3	Horizontal	67	2.89
2437MHz	Pass	AV	2.4862G	46.59	54.00	-7.41	3	Horizontal	67	2.89
2437MHz	Pass	PK	2.3806G	64.36	74.00	-9.64	3	Horizontal	67	2.89
2437MHz	Pass	PK	2.4342G	117.39	Inf	-Inf	3	Horizontal	67	2.89
2437MHz	Pass	PK	2.4874G	61.15	74.00	-12.85	3	Horizontal	67	2.89
2437MHz	Pass	AV	4.8782G	31.11	54.00	-22.89	3	Vertical	171	2.89
2437MHz	Pass	AV	7.30056G	34.24	54.00	-19.76	3	Vertical	138	1.49
2437MHz	Pass	PK	4.87856G	43.92	74.00	-30.08	3	Vertical	171	2.89
2437MHz	Pass	PK	7.3158G	47.36	74.00	-26.64	3	Vertical	138	1.49
2437MHz	Pass	AV	4.8788G	29.84	54.00	-24.16	3	Horizontal	161	1.50
2437MHz	Pass	AV	7.2876G	34.01	54.00	-19.99	3	Horizontal	74	1.50
2437MHz	Pass	PK	4.88396G	42.86	74.00	-31.14	3	Horizontal	161	1.50
2437MHz	Pass	PK	7.31832G	46.54	74.00	-27.46	3	Horizontal	74	1.50
2452MHz	Pass	AV	2.3892G	45.85	54.00	-8.15	3	Horizontal	56	2.84
2452MHz	Pass	AV	2.454G	106.38	Inf	-Inf	3	Horizontal	56	2.84
2452MHz	Pass	AV	2.4835G	52.08	54.00	-1.92	3	Horizontal	56	2.84
2452MHz	Pass	PK	2.368G	58.18	74.00	-15.82	3	Horizontal	56	2.84
2452MHz	Pass	PK	2.4528G	117.44	Inf	-Inf	3	Horizontal	56	2.84
2452MHz	Pass	PK	2.4888G	66.26	74.00	-7.74	3	Horizontal	56	2.84
2452MHz	Pass	AV	4.9094G	31.05	54.00	-22.95	3	Vertical	174	1.97
2452MHz	Pass	AV	7.35024G	33.87	54.00	-20.13	3	Vertical	324	1.50
2452MHz	Pass	PK	4.89068G	43.68	74.00	-30.32	3	Vertical	174	1.97
2452MHz	Pass	PK	7.34328G	46.39	74.00	-27.61	3	Vertical	324	1.50
2452MHz	Pass	AV	4.89032G	29.74	54.00	-24.26	3	Horizontal	159	1.50
2452MHz	Pass	AV	7.3512G	33.84	54.00	-20.16	3	Horizontal	296	1.50
2452MHz	Pass	PK	4.88888G	42.02	74.00	-31.98	3	Horizontal	159	1.50
2452MHz	Pass	PK	7.32852G	46.62	74.00	-27.38	3	Horizontal	296	1.50

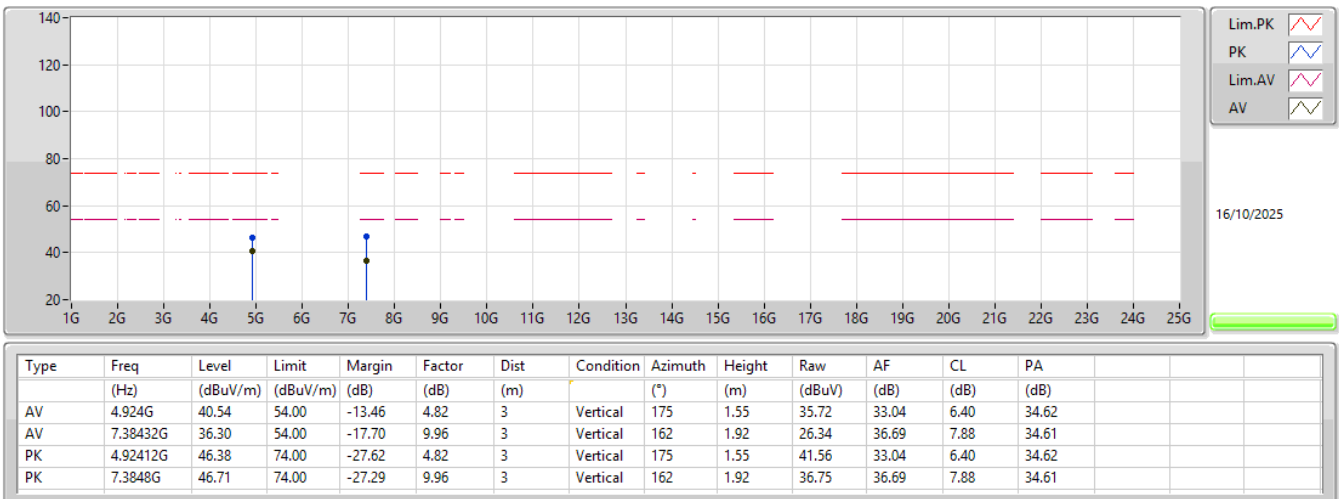
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



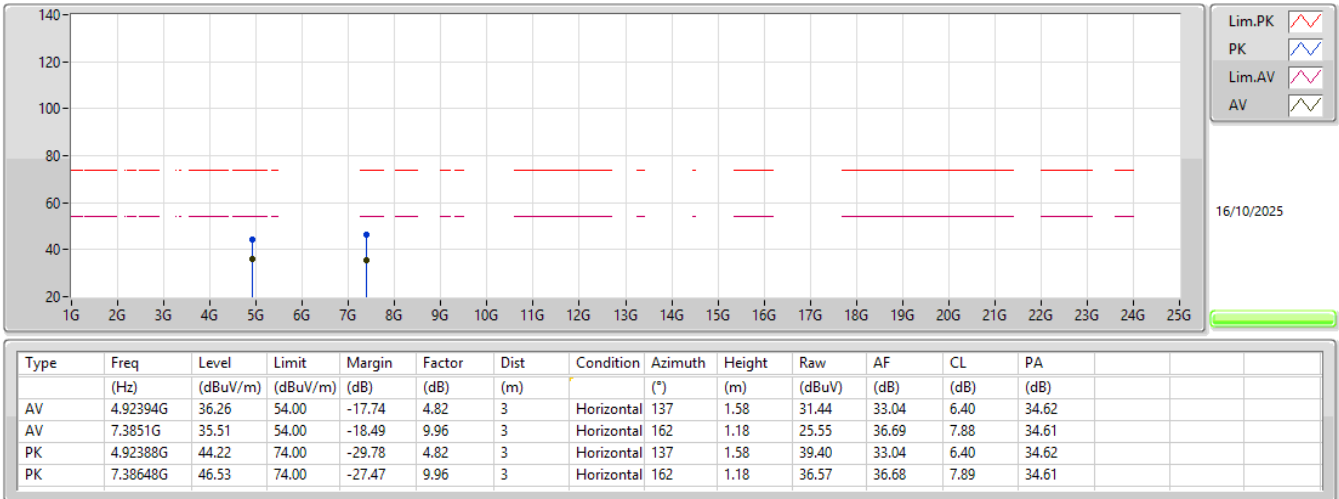
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



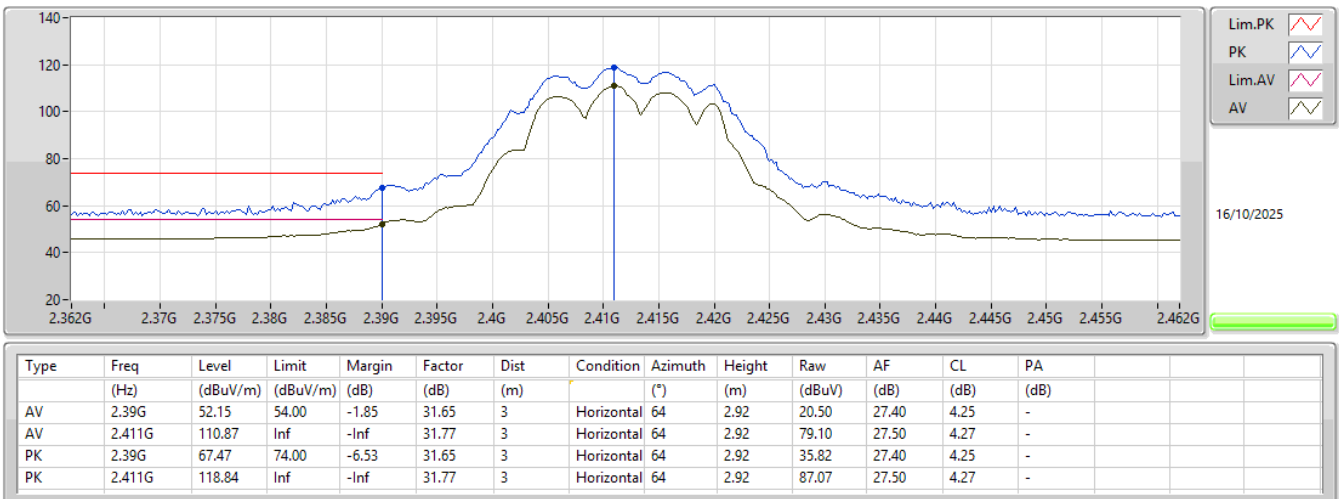
2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

2462MHz_TX



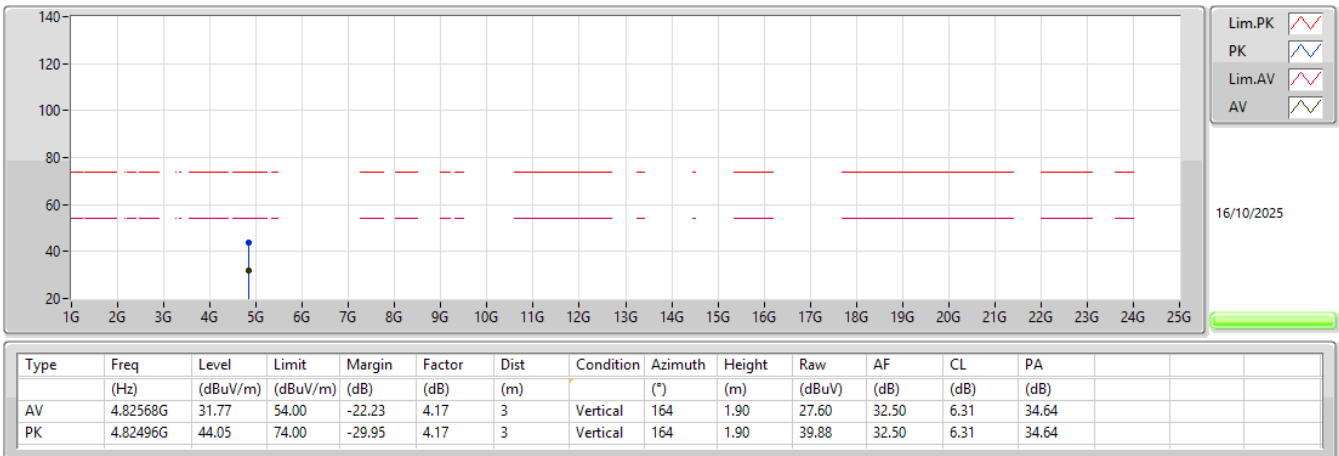
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



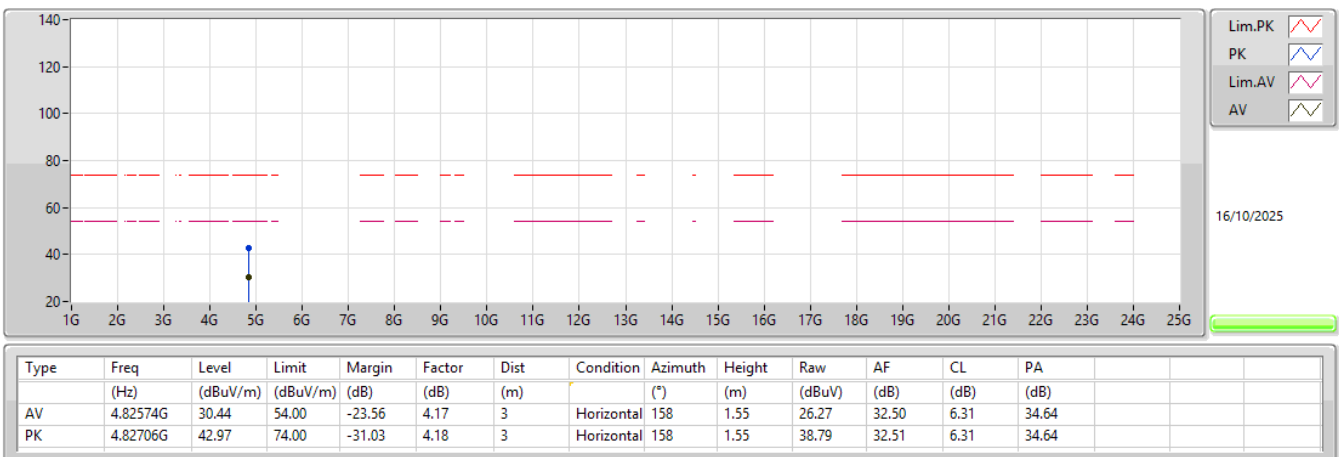
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



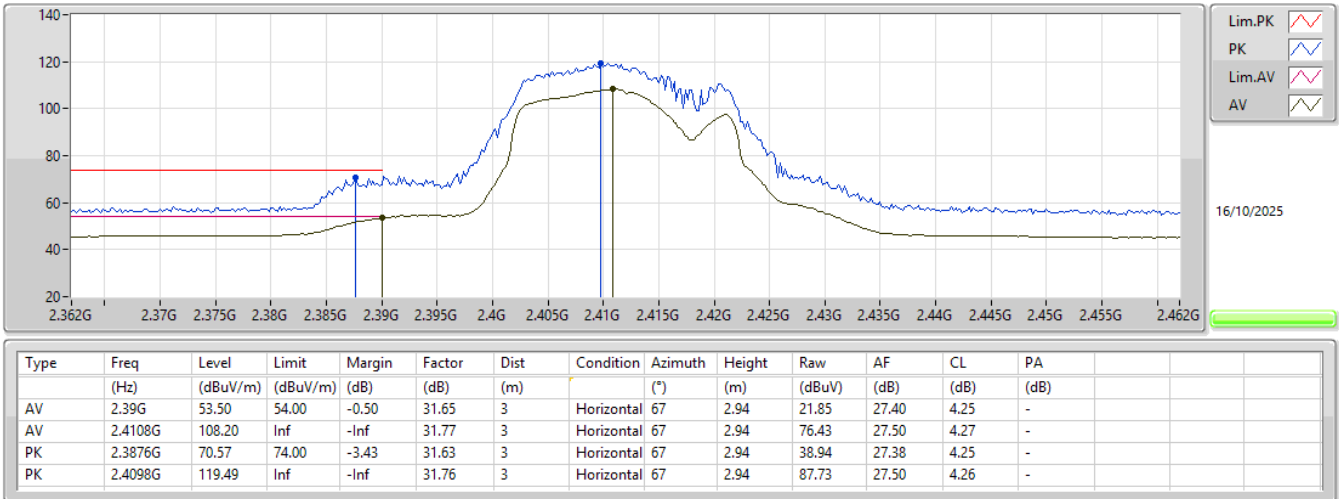
2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

2412MHz_TX



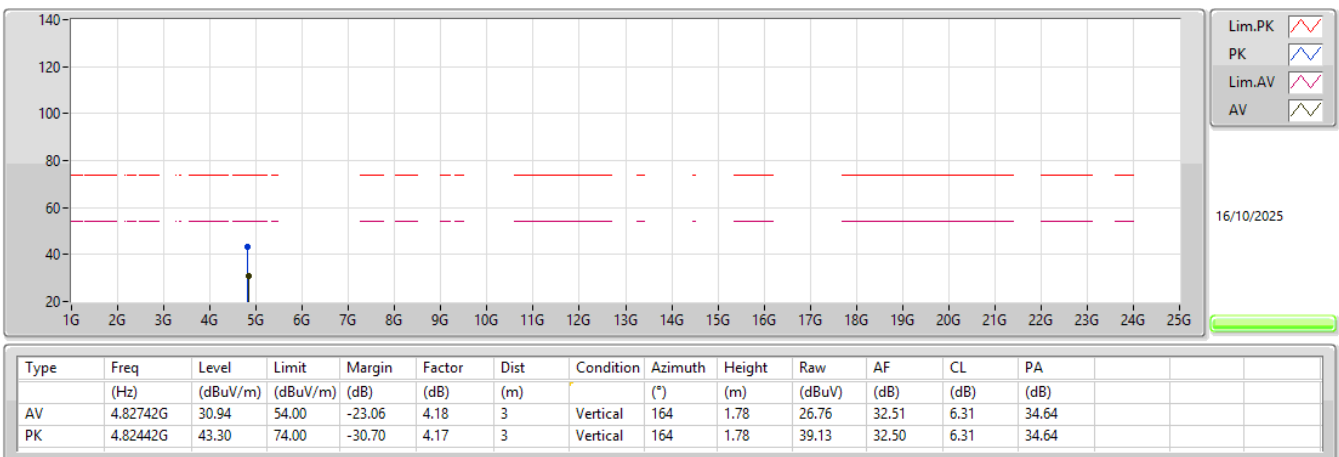
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



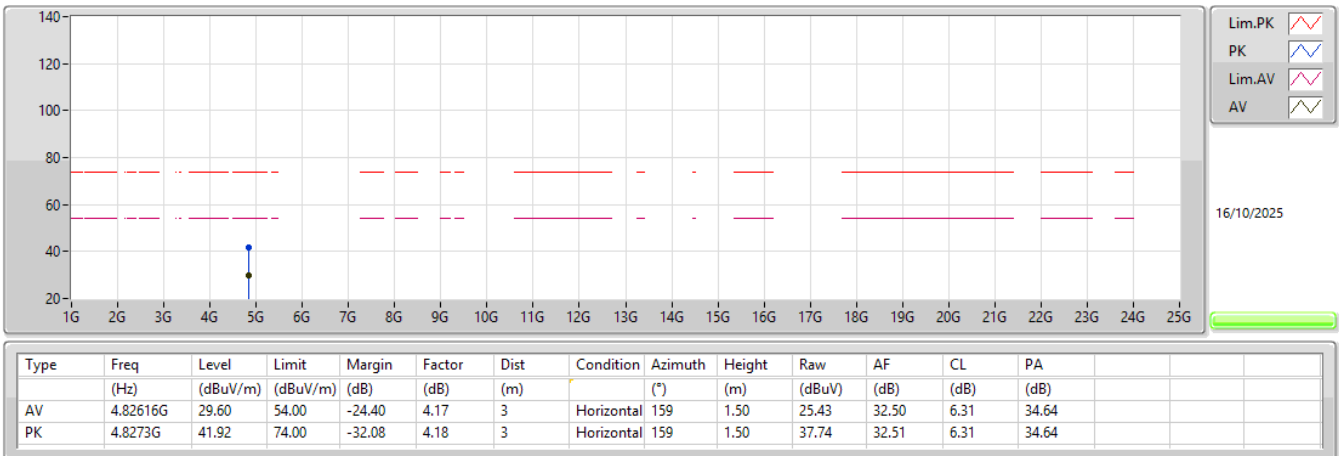
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



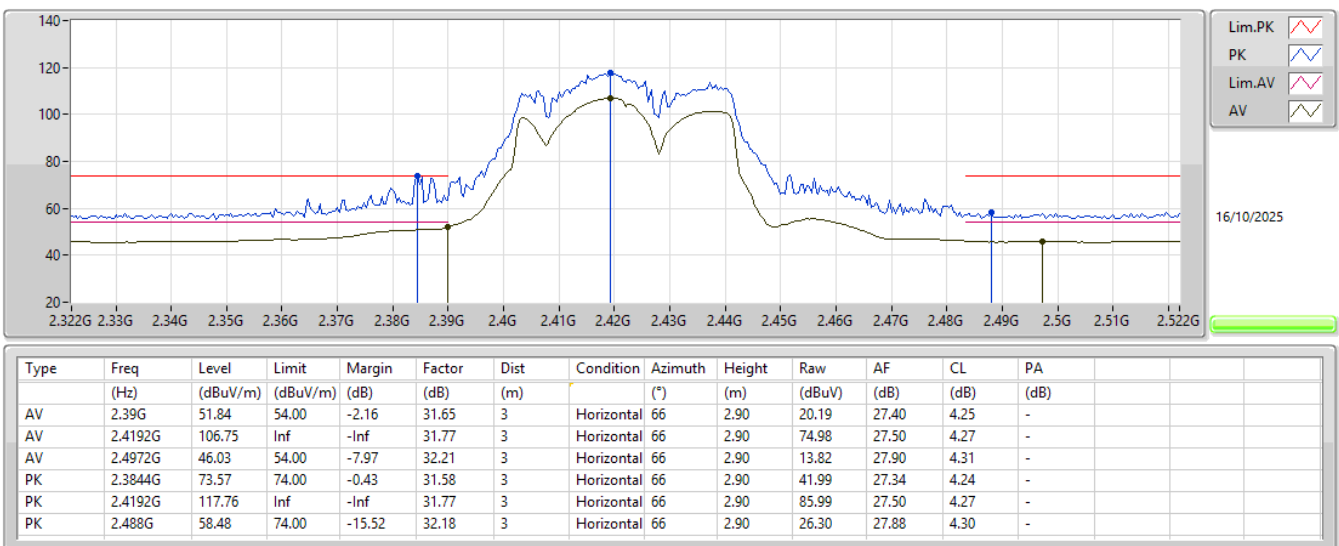
2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

2412MHz_TX



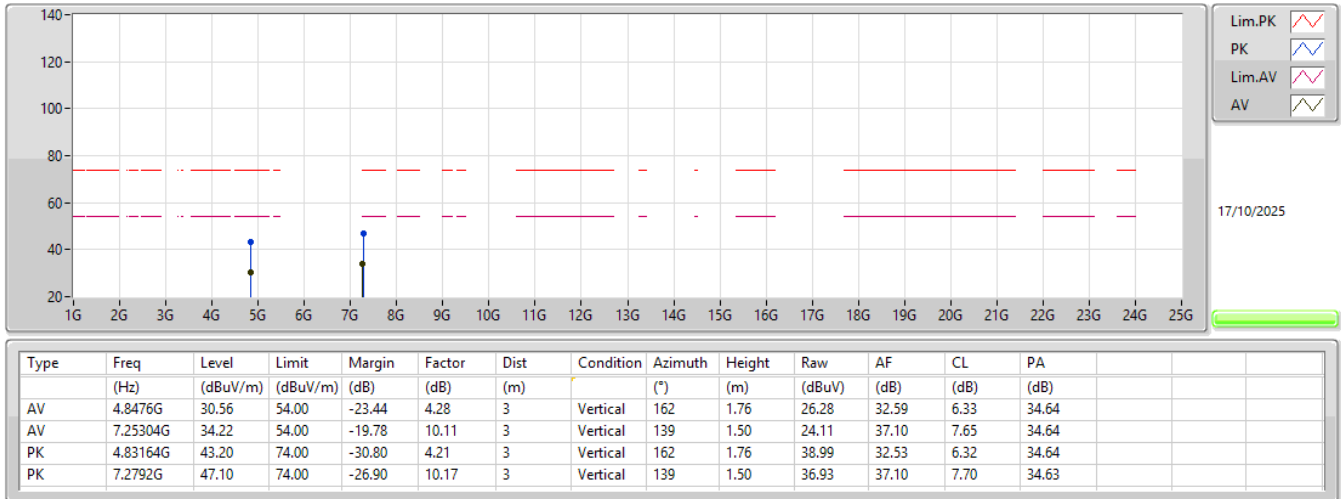
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2422MHz_TX



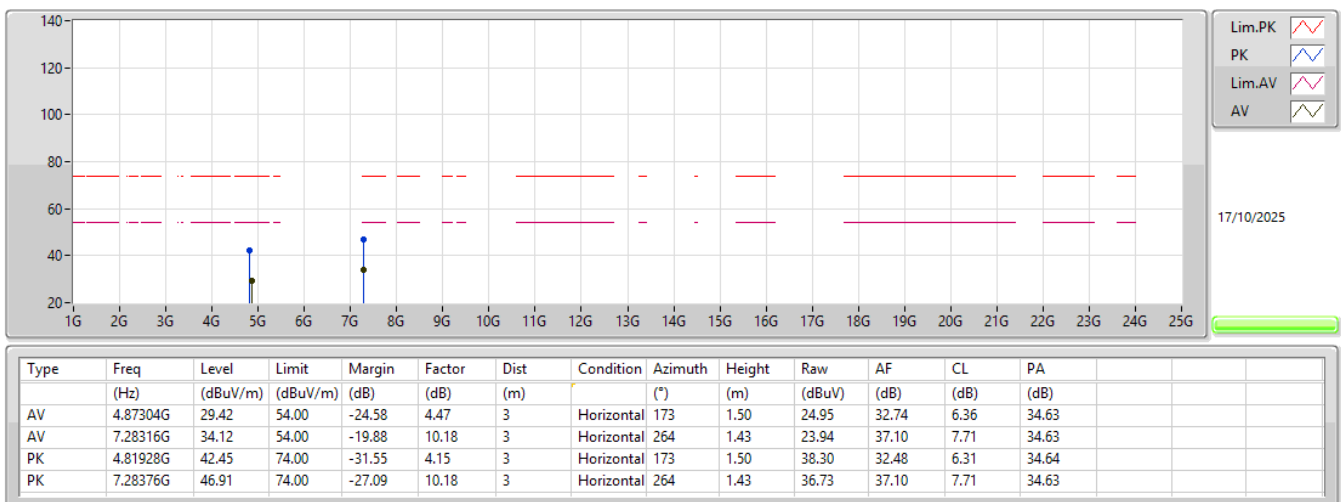
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

2422MHz_TX



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

2422MHz_TX





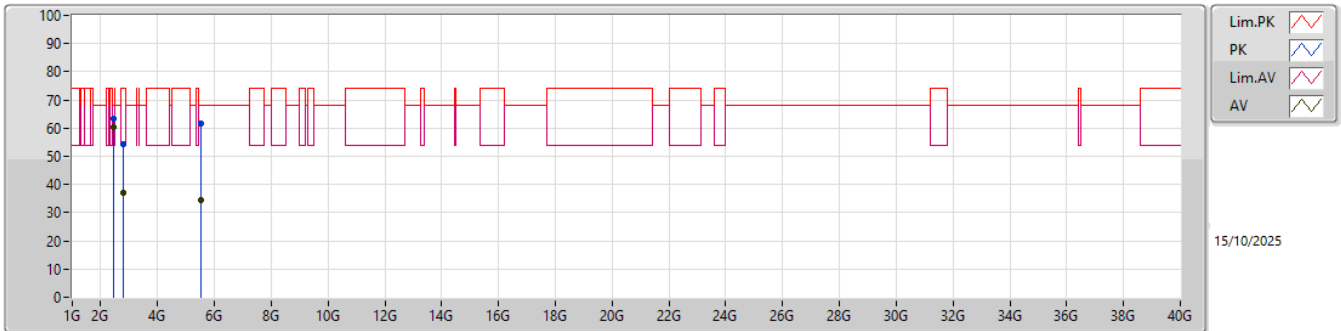
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	2.46078G	63.16	68.20	-5.04	Vertical

**Result**

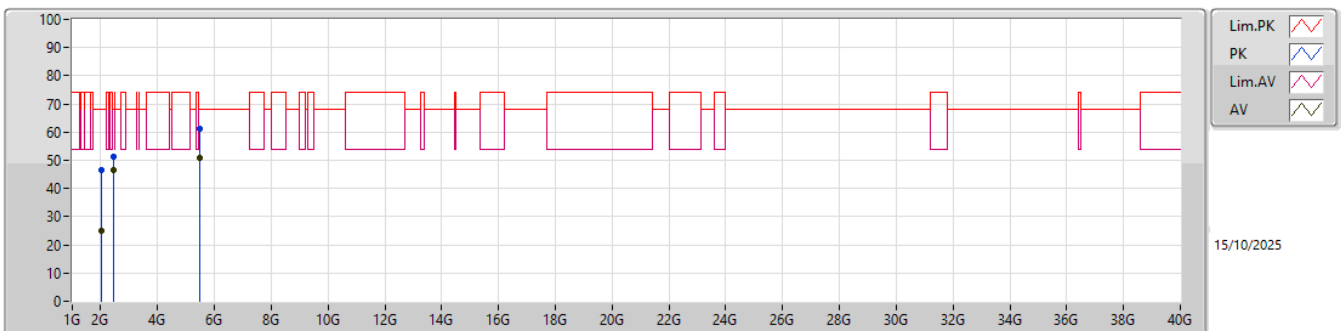
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	2.46327G	60.16	68.20	-8.04	3	Vertical	27	1.02
Mode 1	Pass	AV	2.795G	37.13	54.00	-16.87	3	Vertical	22	1.50
Mode 1	Pass	AV	5.5386G	34.41	68.20	-33.79	3	Vertical	7	1.50
Mode 1	Pass	PK	2.46078G	63.16	68.20	-5.04	3	Vertical	27	1.02
Mode 1	Pass	PK	2.78663G	54.11	74.00	-19.89	3	Vertical	22	1.50
Mode 1	Pass	PK	5.54646G	61.73	68.20	-6.47	3	Vertical	7	1.50
Mode 1	Pass	AV	2.0251G	24.99	68.20	-43.21	3	Horizontal	261	2.43
Mode 1	Pass	AV	2.46273G	46.43	68.20	-21.77	3	Horizontal	189	1.50
Mode 1	Pass	AV	5.50128G	50.92	68.20	-17.28	3	Horizontal	13	1.96
Mode 1	Pass	PK	2.0242G	46.45	68.20	-21.75	3	Horizontal	261	2.43
Mode 1	Pass	PK	2.46138G	51.12	68.20	-17.08	3	Horizontal	189	1.50
Mode 1	Pass	PK	5.50107G	61.04	68.20	-7.16	3	Horizontal	13	1.96

Radiated Emissions above 1GHz_Mode 1



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	2.46327G	60.16	68.20	-8.04	-10.87	3	Vertical	27	1.02	71.03	27.70	4.82	43.39
AV	2.795G	37.13	54.00	-16.87	-9.82	3	Vertical	22	1.50	46.95	28.55	5.07	43.44
AV	5.5386G	34.41	68.20	-33.79	-4.02	3	Vertical	7	1.50	38.43	33.38	6.84	44.24
PK	2.46078G	63.16	68.20	-5.04	-10.88	3	Vertical	27	1.02	74.04	27.70	4.81	43.39
PK	2.78663G	54.11	74.00	-19.89	-9.87	3	Vertical	22	1.50	63.98	28.50	5.07	43.44
PK	5.54646G	61.73	68.20	-6.47	-4.00	3	Vertical	7	1.50	65.73	33.39	6.85	44.24

Radiated Emissions above 1GHz_Mode 1



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	2.0251G	24.99	68.20	-43.21	-11.45	3	Horizontal	261	2.43	36.44	27.10	4.61	43.16
AV	2.46273G	46.43	68.20	-21.77	-10.87	3	Horizontal	189	1.50	57.30	27.70	4.82	43.39
AV	5.50128G	50.92	68.20	-17.28	-4.14	3	Horizontal	13	1.96	55.06	33.30	6.80	44.24
PK	2.0242G	46.45	68.20	-21.75	-11.47	3	Horizontal	261	2.43	57.92	27.08	4.61	43.16
PK	2.46138G	51.12	68.20	-17.08	-10.88	3	Horizontal	189	1.50	62.00	27.70	4.81	43.39
PK	5.50107G	61.04	68.20	-7.16	-4.14	3	Horizontal	13	1.96	65.18	33.30	6.80	44.24



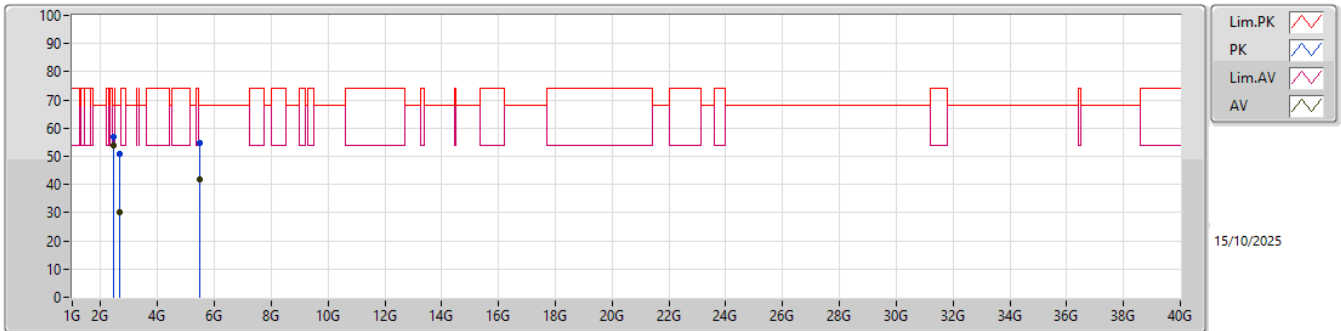
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	2.46471G	56.69	68.20	-11.51	Vertical

**Result**

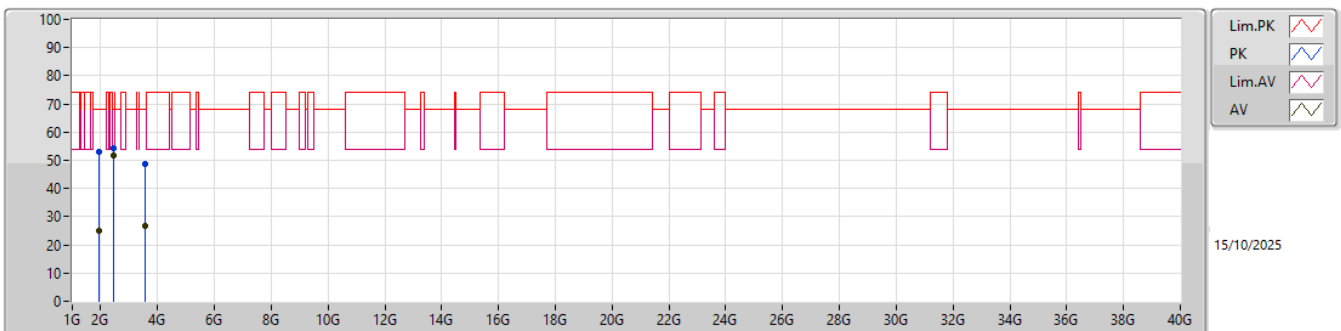
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	2.46429G	53.84	68.20	-14.36	3	Vertical	327	1.52
Mode 1	Pass	AV	2.66293G	30.29	68.20	-37.91	3	Vertical	192	1.50
Mode 1	Pass	AV	5.50568G	41.94	68.20	-26.26	3	Vertical	35	1.59
Mode 1	Pass	PK	2.46471G	56.69	68.20	-11.51	3	Vertical	327	1.52
Mode 1	Pass	PK	2.65882G	50.81	68.20	-17.39	3	Vertical	192	1.50
Mode 1	Pass	PK	5.50643G	54.89	68.20	-13.31	3	Vertical	35	1.59
Mode 1	Pass	AV	1.9199G	25.21	68.20	-42.99	3	Horizontal	267	1.50
Mode 1	Pass	AV	2.46124G	51.60	68.20	-16.60	3	Horizontal	192	2.87
Mode 1	Pass	AV	3.57179G	26.51	68.20	-41.69	3	Horizontal	276	1.55
Mode 1	Pass	PK	1.92401G	52.97	68.20	-15.23	3	Horizontal	267	1.50
Mode 1	Pass	PK	2.46112G	54.42	68.20	-13.78	3	Horizontal	192	2.87
Mode 1	Pass	PK	3.57383G	48.91	68.20	-19.29	3	Horizontal	276	1.55

Radiated Emissions above 1GHz_Mode 1



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	2.46429G	53.84	68.20	-14.36	-10.87	3	Vertical	327	1.52	64.71	27.70	4.82	43.39
AV	2.66293G	30.29	68.20	-37.91	-9.84	3	Vertical	192	1.50	40.13	28.47	5.12	43.43
AV	5.50568G	41.94	68.20	-26.26	-4.12	3	Vertical	35	1.59	46.06	33.31	6.81	44.24
PK	2.46471G	56.69	68.20	-11.51	-10.87	3	Vertical	327	1.52	67.56	27.70	4.82	43.39
PK	2.65882G	50.81	68.20	-17.39	-9.81	3	Vertical	192	1.50	60.62	28.50	5.12	43.43
PK	5.50643G	54.89	68.20	-13.31	-4.12	3	Vertical	35	1.59	59.01	33.31	6.81	44.24

Radiated Emissions above 1GHz_Mode 1



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	1.9199G	25.21	68.20	-42.99	-12.75	3	Horizontal	267	1.50	37.96	25.80	4.57	43.12
AV	2.46124G	51.60	68.20	-16.60	-10.88	3	Horizontal	192	2.87	62.48	27.70	4.81	43.39
AV	3.57179G	26.51	68.20	-41.69	-8.37	3	Horizontal	276	1.55	34.88	29.64	5.62	43.63
PK	1.92401G	52.97	68.20	-15.23	-12.71	3	Horizontal	267	1.50	65.68	25.84	4.57	43.12
PK	2.46112G	54.42	68.20	-13.78	-10.88	3	Horizontal	192	2.87	65.30	27.70	4.81	43.39
PK	3.57383G	48.91	68.20	-19.29	-8.36	3	Horizontal	276	1.55	57.27	29.65	5.62	43.63