

FCC Radio Test Report

Contains FCC ID : RI7LE910CXWWX, 2AAS9-WMDS183G2
FCC ID : TVE-251021
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 222KLxxxxxxxxx, FAP-222KLxxxxxxxxx,
FORTIAP-222KLxxxxxxxxx (Where "x" can be used as
"A-Z", or "0-9", or "-", or blank)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 28, 2025, and testing was started from Nov. 21, 2025 and completed on Jan. 20, 2026. 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

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History of this test report

[illegible]

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	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Barry Hsiao

Report Producer: Debby Hung



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20),	5180-5240	36-48 [4]
5725-5850	ax (HEW20), be(EHT20)	5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40),	5190-5230	38-46 [2]
5725-5850	ax (HEW40), be(EHT40)	5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80),	5210	42 [1]
5725-5850	be(EHT80)	5775	155 [1]

Non-Beamforming

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.725-5.85GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX

Beamforming

Band	Mode	BWch	Nant
5.15-5.25GHz	802.11be EHT20-BF	20	2TX
5.725-5.85GHz	802.11be EHT20-BF	20	2TX
5.15-5.25GHz	802.11be EHT40-BF	40	2TX
5.725-5.85GHz	802.11be EHT40-BF	40	2TX
5.15-5.25GHz	802.11be EHT80-BF	80	2TX
5.725-5.85GHz	802.11be EHT80-BF	80	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/HEW20/HEW40/HEW80 mode are the same or lower than EHT20/EHT40/EHT80.

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Support
1	1	AWAN	7102A1358000	Dipole	N-type	WWAN
2	1	AWAN	7102A1361000	Dipole	N-type	LoRa
3	1	AWAN	7102A1357000	Dipole	N-type	2.4G+5G
4	2	AWAN	7102A1357000	Dipole	N-type	2.4G+5G
5	1	AWAN	7102A1359000	Patch	N-type	GPS

Note : Antenna 1 Gain See note 2.

Ant.	Port	Gain (dBi)				Remark
		Lora	2.4G	5G	GPS	
2	1	3.7	-	-	-	LoRa
3	1	-	4.9	6.6	-	2.4G+5G
4	2	-	4.5	6.4	-	2.4G+5G
5	1	-	-	-	2.01	GPS

Note 1: The EUT has five antennas.

For 2.4GHz function:

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

Ant. 3 (port 1) and Ant. 4(port 2) could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 3 (port 1) and Ant. 4(port 2) could transmit/receive simultaneously.



Note 2:

Operating Band	Freq. (MHz)	Antenna Gain
☒ LTE Band 2	1850-1910	4.2
☒ LTE Band 4	1710-1755	4.1
☒ LTE Band 5	824-849	3.3
☒ LTE Band 7	2500-2570	2.6
☒ LTE Band 8	880-915	3.2
☒ LTE Band 12	699-716	2.5
☒ LTE Band 13	777-787	3.5
☒ LTE Band 14	788-798	3.5
☒ LTE Band 25	1850-1915	4.2
☒ LTE Band 26	814-849	3.3

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE Adapter		
EUT Function	☒ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
	☐ OEM Device installed in vehicle		
Beamforming Function	☒ With beamforming	☐ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
Resource Unit	☒ Full RU	☐ Partial RU	
	☐ MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)	
Channel Puncturing	☐ Support	☒ Not support	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.:	...	
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

**1.1.4 Mode Test Duty Cycle****Non-Beamforming**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)

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

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.997	0.01	5.456m	10Hz (DC>=0.98)

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

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
FORTINET	FortiAP 222KLxxxxxxxxx, FAP-222KLxxxxxxxxx, FORTIAP-222KLxxxxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank)	All the models are identical, the difference model for difference brand served as marketing strategy.

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
- ♦ KDB 789033 D02 v02r01

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

- ♦ 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	17.3~18.1℃ / 55~62%	20/Jan/2026
RF Conducted	TH07-HY	Yulin Chen	23.8~24.3℃ / 53~56%	01/Dec/2025~10/Dec/2025
Radiated (Co-location)	03CH02-HY	Vasari Huang	21.0~21.6℃ / 52~57%	30/Dec/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	03CH25-HY	Rian Chung	19.5~20.8℃ / 51~54%	21/Nov/2025~25/Nov/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
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Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22
5200MHz	22
5240MHz	22
5745MHz	22
5785MHz	22
5825MHz	22
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	22
5200MHz	22
5240MHz	22
5745MHz	22
5785MHz	22
5825MHz	22
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	19.5
5230MHz	22
5755MHz	22
5795MHz	22
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	18.5
5775MHz	22

**Beamforming**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	22
5200MHz	22
5240MHz	22
5745MHz	22
5785MHz	22
5825MHz	22
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	19.5
5230MHz	22
5755MHz	22
5795MHz	22
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	18.5
5775MHz	23

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	PoE mode ; WIFI 5G TX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
1	PoE mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane
	
Worst Planes of EUT	V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz+WLAN 5GHz+LoRa+WWAN
Refer to Sporton Test Report No.: FA5O2712 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
PoE Adapter	Brand Name	Senao Inc.	Model Name	PIN060-54PR
	Power Rating	I/P: 10-240Vac,1.5A, 50-60 Hz, O/P: 54Vdc, 1.11A		
AC Cord	Brand Name	I-SHENG	Model Name	AC CORD 600mm
	Signal Line	0.5 meters, non-shielded cable, w/o ferrite core		
Bracket Pole Mount	Brand Name	CUN SHENG	Model Name	BRACKET POLE MOUNT LFP
Bracket Wall Mount	Brand Name	Enrack	Model Name	BRACKET WALL MOUNT
Pole Mount Bracket*2	Brand Name	CUN SHENG	Model Name	6301A2873010
Ground Wire	Brand Name	BO YAO	Model Name	WIRE GEN AWG10 180cm
	Signal Line	1.8 meters, non-shielded cable, w/o ferrite core		
Wi-Fi Antenna*2	Brand Name	AWAN	Model Name	7102A1357000
LoRa Antenna*1	Brand Name	AWAN	Model Name	7102A1361000
LTE Antenna	Brand Name	AWAN	Model Name	7102A1358000
GPS Antenna	Brand Name	AWAN	Model Name	7102A1359000

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

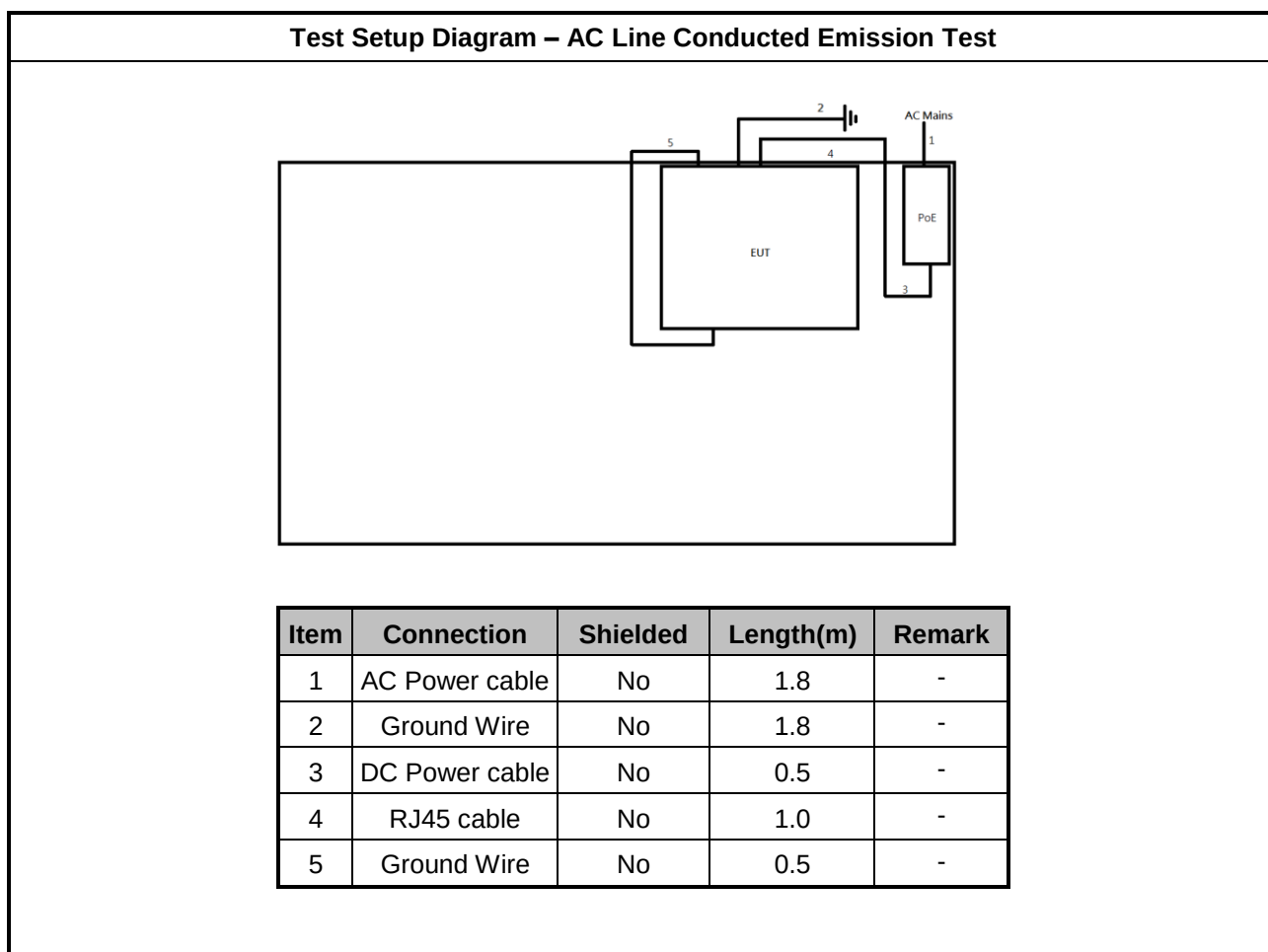
2.4 Support Equipment

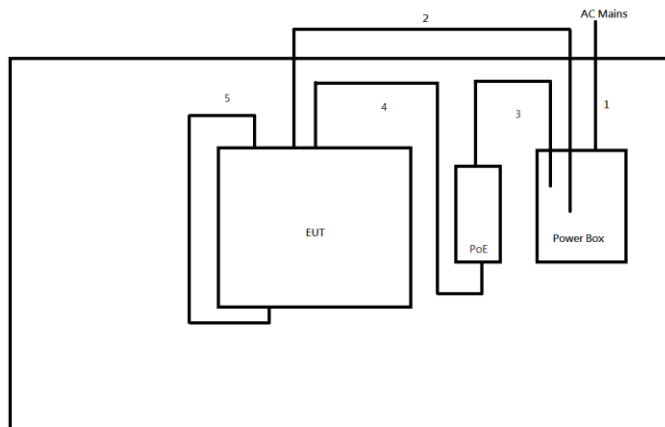
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable	Power sync	CAT-6E-01	-	-

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

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 cable*2	Power sync	CAT-6E-01	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	Ground Wire	No	1.8	-
3	DC Power cable	No	0.5	-
4	RJ45 cable	No	1.0	-
5	Ground Wire	No	0.5	-

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

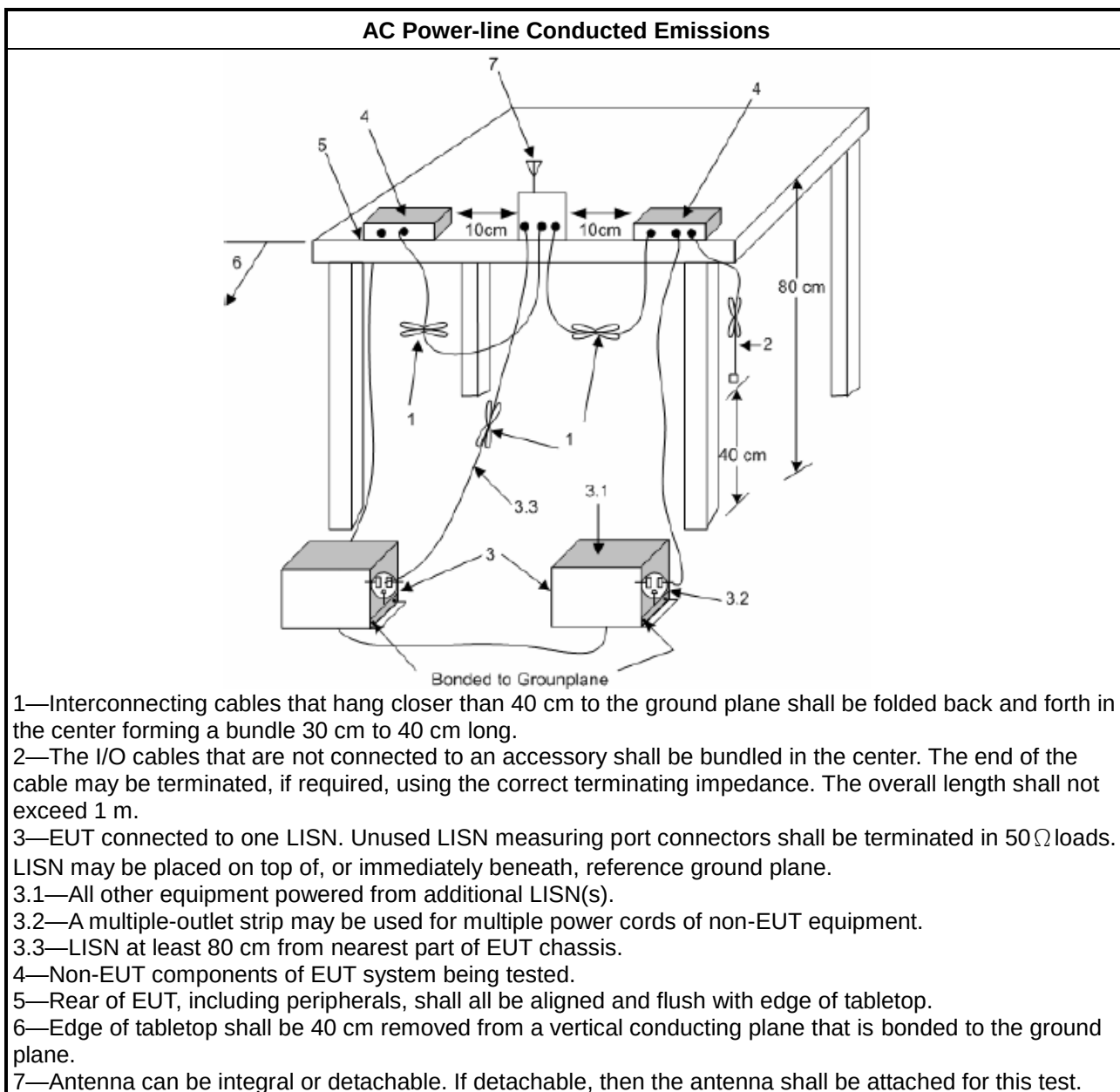
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, N/A
☐	For the 5.47-5.725 GHz band, N/A
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq$ 500kHz.

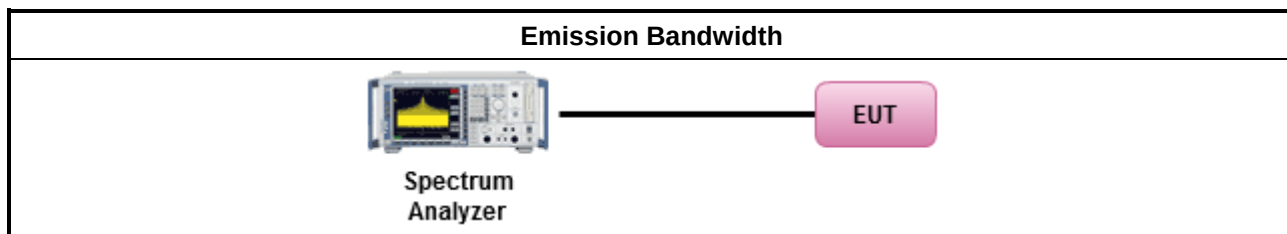
3.2.2 Measuring Instruments

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 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for 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	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☐ For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

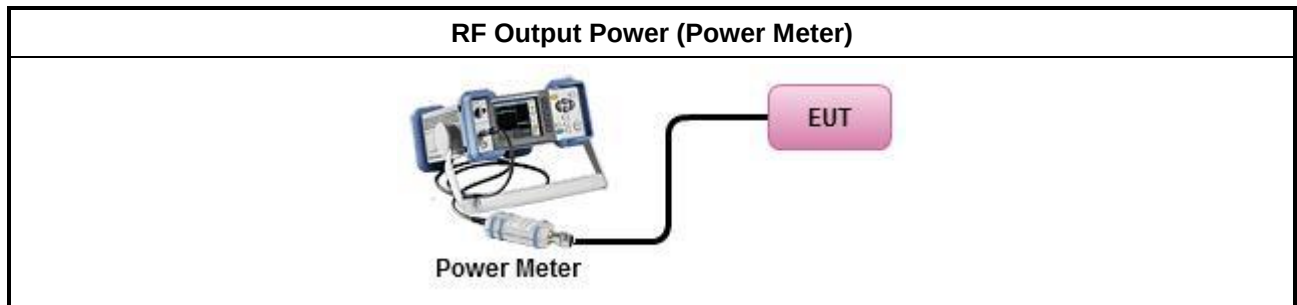
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
☒	Refer as KDB 789033, clause E Method PM (using an RF average 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: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒ For the 5.15-5.25 GHz band:	
	Outdoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Indoor AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
	Point-to-point AP: the peak power spectral density (PPSD) shall not exceed 17dBm/MHz. If $G_{TX} > 23$ dBi, then $P_{Out} = 17 - (G_{TX} - 23)$.
	Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.
☐ For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☐ For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If $G_{TX} > 6$ dBi, then $PPSD = 11 - (G_{TX} - 6)$.	
☒ For the 5.725-5.85 GHz band:	
	Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
	Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

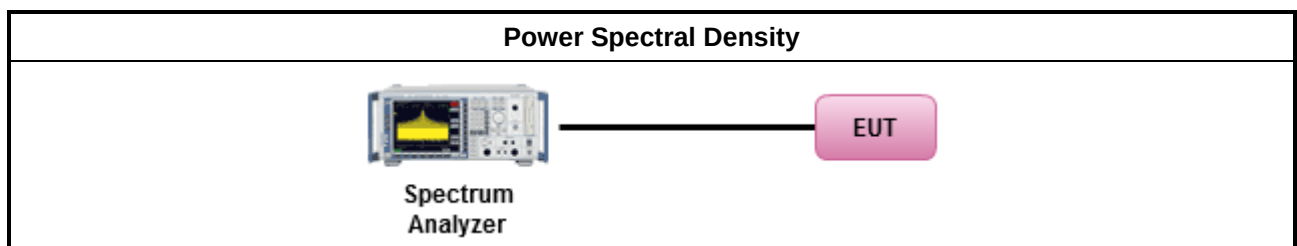
3.4.2 Measuring Instruments

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 shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth Duty cycle ≥ 98%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☐ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
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.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz 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.

Un-restricted band emissions above 1GHz Limit	
Operating Band	Limit
5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
5.725 - 5.85 GHz	5.650-5700 GHz: e.i.r.p. -27 ~ 10 dBm [68.2 ~ 105.2 dBuV/m@3m] 5.700-5720 GHz: e.i.r.p. 10 ~ 15.6 dBm [105.2 ~ 110.8 dBuV/m@3m] 5.720-5725 GHz: e.i.r.p. 15.6 ~ 27 dBm [110.8 ~ 122.2 dBuV/m@3m] 5.850-5.855 GHz: e.i.r.p. 27 ~ 15.6 dBm [122.2 ~ 110.8 dBuV/m@3m] 5.855-5.875 GHz: e.i.r.p. 15.6 ~ 10 dBm [110.8 ~ 105.2 dBuV/m@3m] 5.875-5.925 GHz: e.i.r.p. 10 ~ -27 dBm [105.2 ~ 68.2dBuV/m@3m] Other un-restricted band: e.i.r.p. -27 dBm [68.2 dBuV/m@3m]

Note 1: 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).

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
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. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. 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).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.5.2.3), Reduced VBW.
	☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.5.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

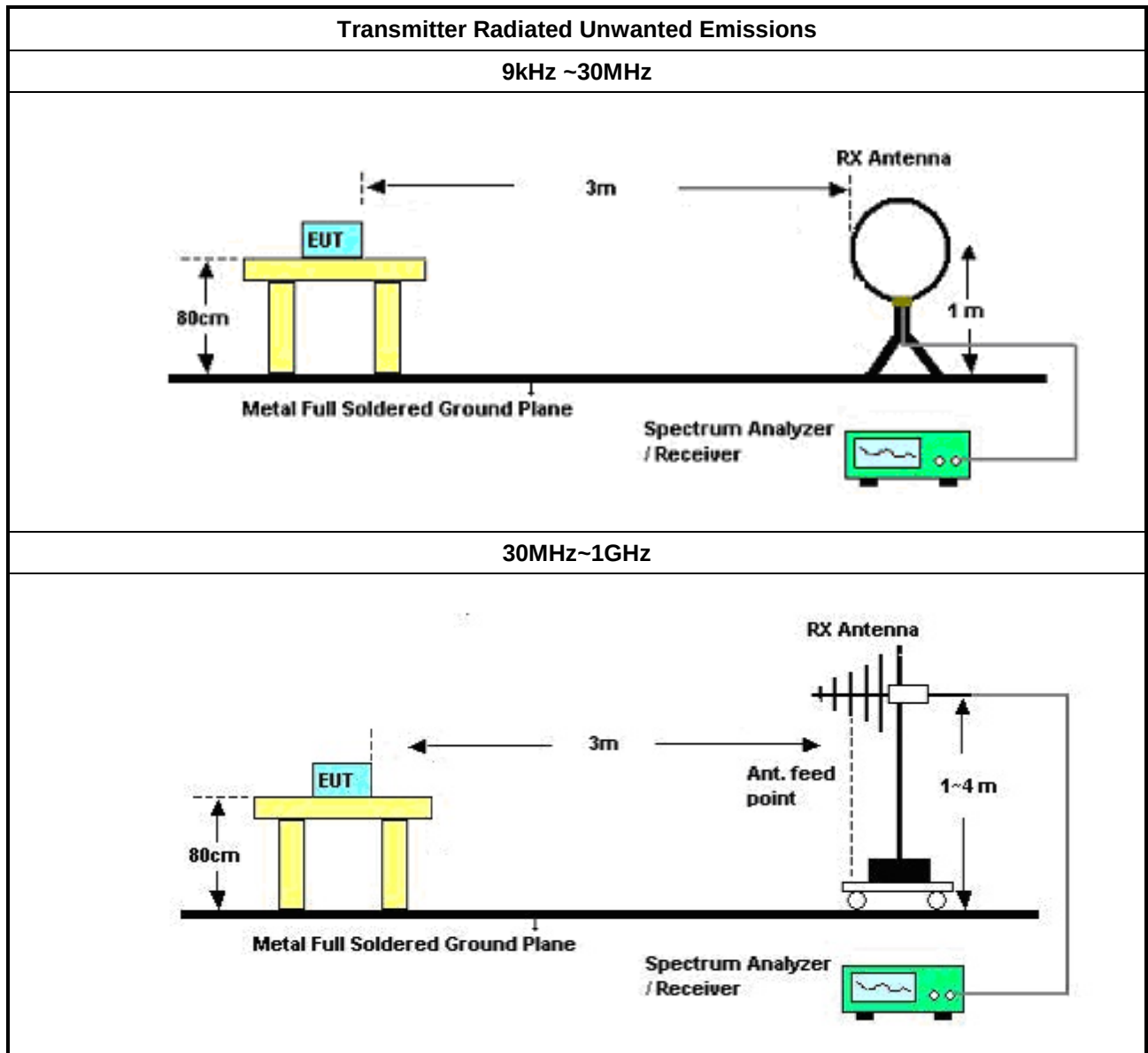
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber 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.

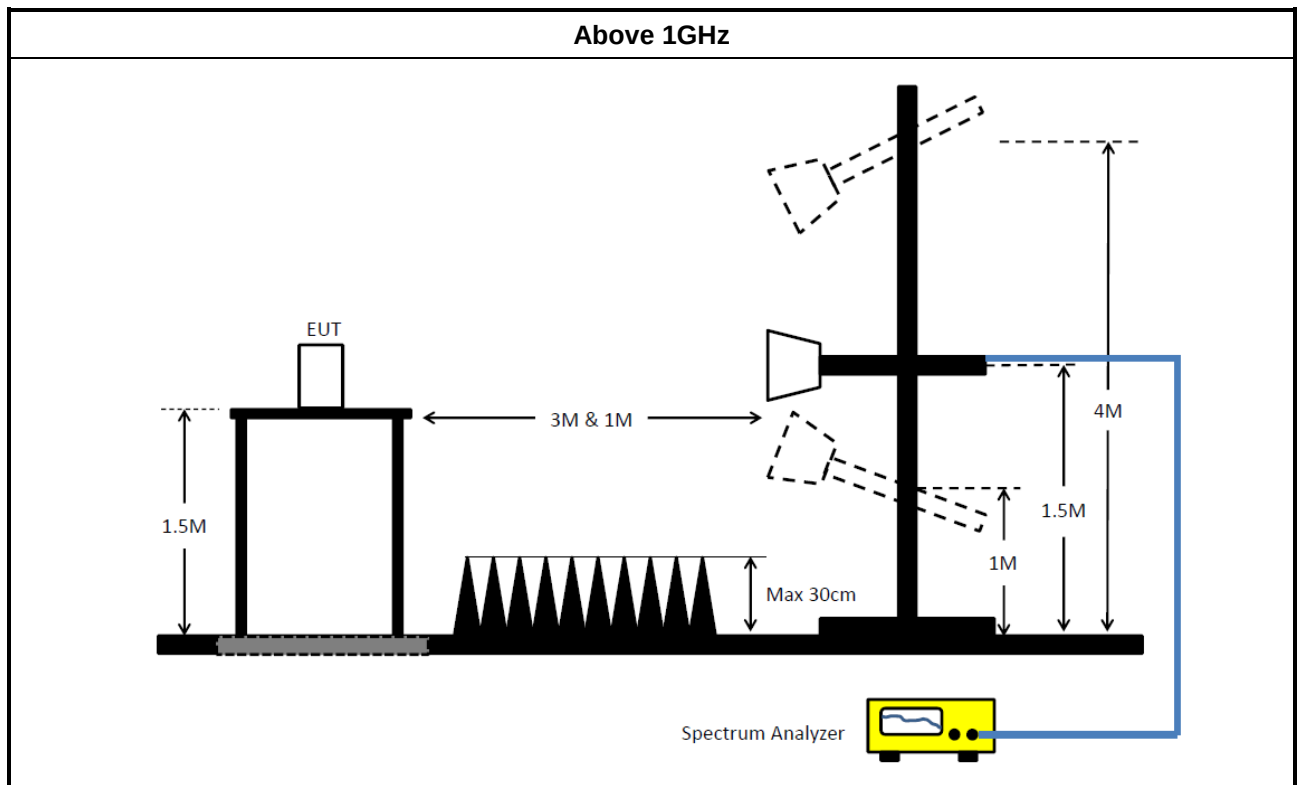
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



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 Radiated Test (03CH25-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	30MHz~1GHz 3m	18/Jul/2025	17/Jul/2026
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	07/Aug/2025	06/Aug/2026
ESR7 EMI Test Receiver	ROHDE & SCHWARZ	ESR7	102956	9kHz~3.6GHz	26/Aug/2025	25/Aug/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	19/Nov/2025	18/Nov/2026
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ & VGT	CBL 6111D & VFA 04002-06	63537/001	30MHz~1GHz	23/May/2025	22/May/2026
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	9kHz~1GHz	23/Apr/2025	22/Apr/2026
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	15/Feb/2025	14/Feb/2026
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	21/May/2025	20/May/2026
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	21/May/2025	20/May/2026
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	21/Oct/2025	20/Oct/2026
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.23	NA	NA	NA	NA

**Instrument for Conducted Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	10Hz~40GHz	23/Jan/2025	22/Jan/2026
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	01/Nov/2025	03/Nov/2026
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15407_NII	Sporton	V5.11.27	N/A	N/A	N/A	N/A

Instrument for Radiated Test Co-Location

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	12/Jul/2025	11/Jul/2026
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/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 HUBER+SUHNER	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-06	1GHz~40GHz	15/Aug/2025	14/Aug/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-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

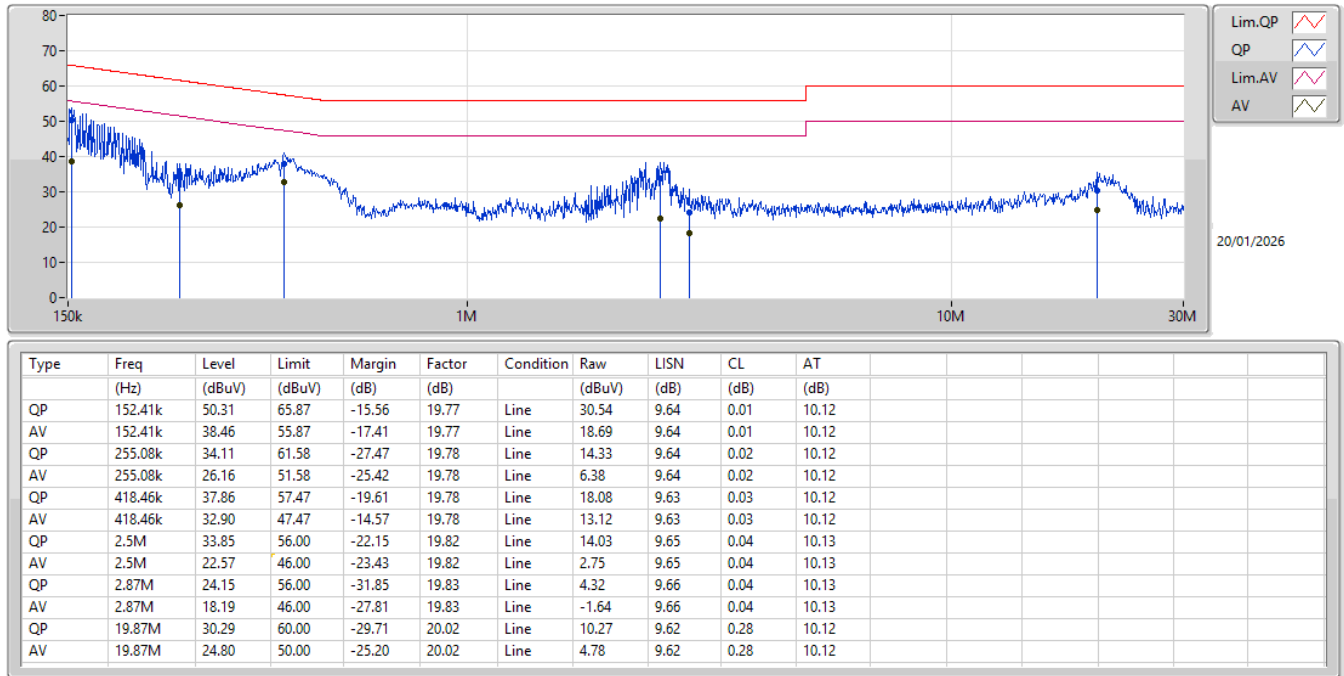
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	418.46k	32.90	47.47	-14.57	Line

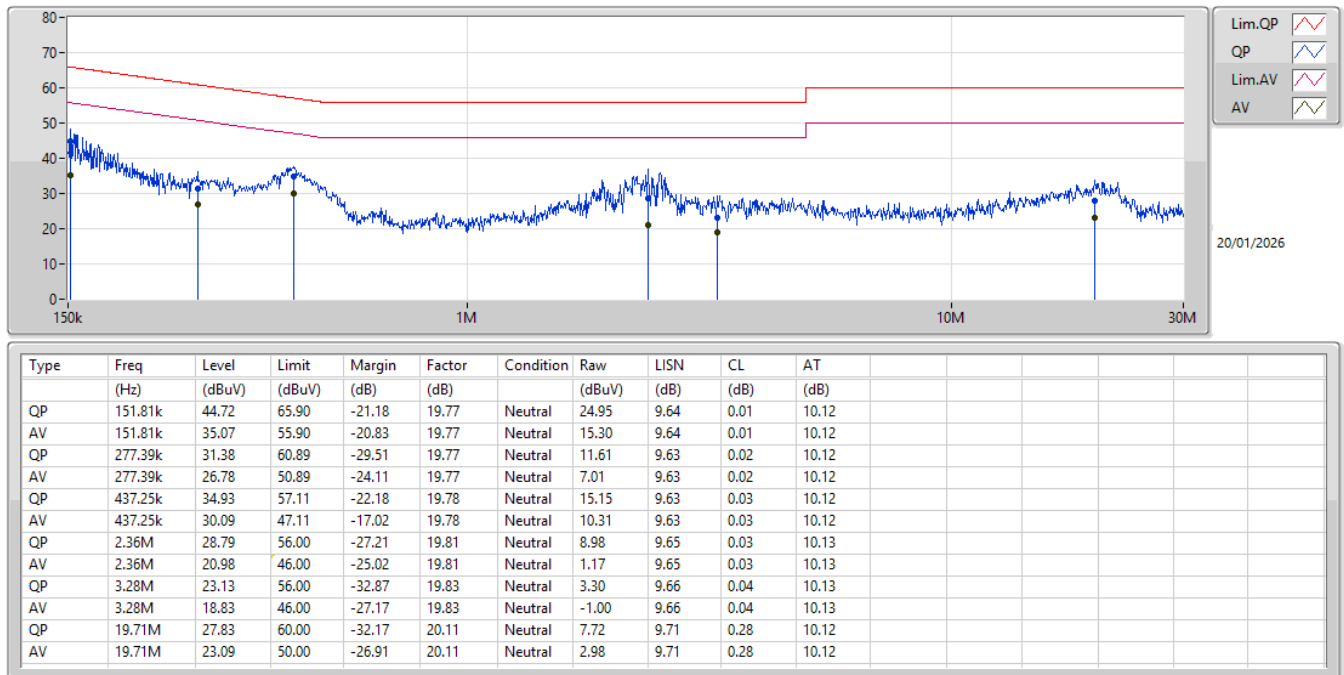
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	152.41k	50.31	65.87	-15.56	Line
Mode 1	Pass	AV	152.41k	38.46	55.87	-17.41	Line
Mode 1	Pass	QP	255.08k	34.11	61.58	-27.47	Line
Mode 1	Pass	AV	255.08k	26.16	51.58	-25.42	Line
Mode 1	Pass	QP	418.46k	37.86	57.47	-19.61	Line
Mode 1	Pass	AV	418.46k	32.90	47.47	-14.57	Line
Mode 1	Pass	QP	2.5M	33.85	56.00	-22.15	Line
Mode 1	Pass	AV	2.5M	22.57	46.00	-23.43	Line
Mode 1	Pass	QP	2.87M	24.15	56.00	-31.85	Line
Mode 1	Pass	AV	2.87M	18.19	46.00	-27.81	Line
Mode 1	Pass	QP	19.87M	30.29	60.00	-29.71	Line
Mode 1	Pass	AV	19.87M	24.80	50.00	-25.20	Line
Mode 1	Pass	QP	151.81k	44.72	65.90	-21.18	Neutral
Mode 1	Pass	AV	151.81k	35.07	55.90	-20.83	Neutral
Mode 1	Pass	QP	277.39k	31.38	60.89	-29.51	Neutral
Mode 1	Pass	AV	277.39k	26.78	50.89	-24.11	Neutral
Mode 1	Pass	QP	437.25k	34.93	57.11	-22.18	Neutral
Mode 1	Pass	AV	437.25k	30.09	47.11	-17.02	Neutral
Mode 1	Pass	QP	2.36M	28.79	56.00	-27.21	Neutral
Mode 1	Pass	AV	2.36M	20.98	46.00	-25.02	Neutral
Mode 1	Pass	QP	3.28M	23.13	56.00	-32.87	Neutral
Mode 1	Pass	AV	3.28M	18.83	46.00	-27.17	Neutral
Mode 1	Pass	QP	19.71M	27.83	60.00	-32.17	Neutral
Mode 1	Pass	AV	19.71M	23.09	50.00	-26.91	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)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.32M	16.949M	16M9D1D	22.055M	16.9M
802.11be EHT20_Nss1,(MCS0)_2TX	23.595M	19.202M	19M2D1D	22.22M	19.085M
802.11be EHT40_Nss1,(MCS0)_2TX	44.77M	38.457M	38M5D1D	43.67M	38.261M
802.11be EHT80_Nss1,(MCS0)_2TX	85.36M	77.841M	77M8D1D	84.26M	77.621M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.61M	16.959M	17M0D1D	16.335M	16.822M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	19.154M	19M2D1D	18.865M	19.082M
802.11be EHT40_Nss1,(MCS0)_2TX	38.39M	38.337M	38M3D1D	37.84M	38.197M
802.11be EHT80_Nss1,(MCS0)_2TX	78.32M	77.75M	77M8D1D	77.66M	77.726M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 Max-OBW = Maximum 99% occupied bandwidth;
 Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
 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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.44M	16.91M	22.935M	16.949M
5200MHz	Pass	Inf	23.32M	16.921M	22.055M	16.9M
5240MHz	Pass	Inf	22.33M	16.935M	22.605M	16.928M
5745MHz	Pass	500k	16.335M	16.822M	16.335M	16.959M
5785MHz	Pass	500k	16.61M	16.839M	16.335M	16.844M
5825MHz	Pass	500k	16.39M	16.887M	16.335M	16.908M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.595M	19.202M	22.275M	19.086M
5200MHz	Pass	Inf	22.33M	19.196M	22.385M	19.191M
5240MHz	Pass	Inf	22.99M	19.168M	22.22M	19.085M
5745MHz	Pass	500k	19.14M	19.154M	19.085M	19.117M
5785MHz	Pass	500k	19.085M	19.148M	19.03M	19.082M
5825MHz	Pass	500k	19.14M	19.124M	18.865M	19.087M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.67M	38.261M	43.89M	38.261M
5230MHz	Pass	Inf	43.89M	38.457M	44.77M	38.277M
5755MHz	Pass	500k	38.17M	38.326M	37.84M	38.248M
5795MHz	Pass	500k	38.39M	38.197M	38.17M	38.337M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.26M	77.841M	85.36M	77.621M
5775MHz	Pass	500k	77.66M	77.726M	78.32M	77.75M

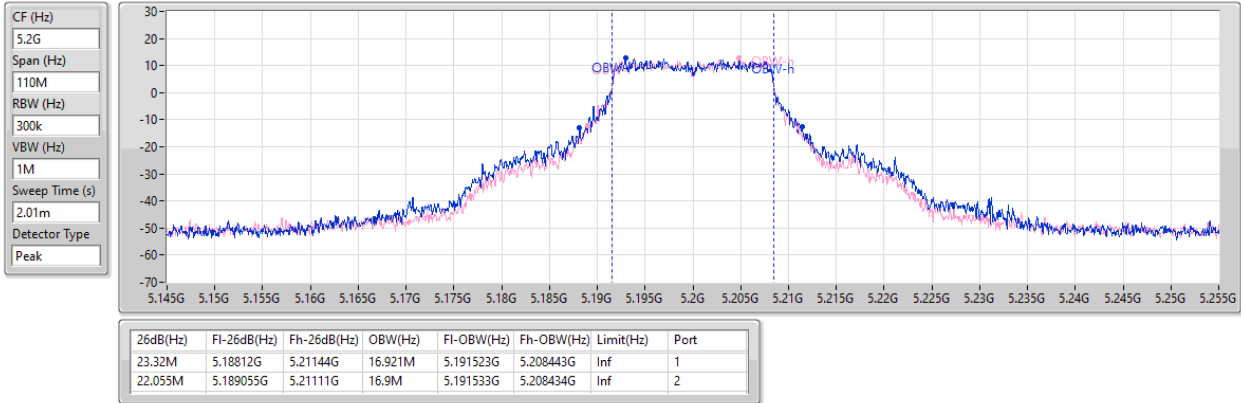
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5200MHz

09/12/2025

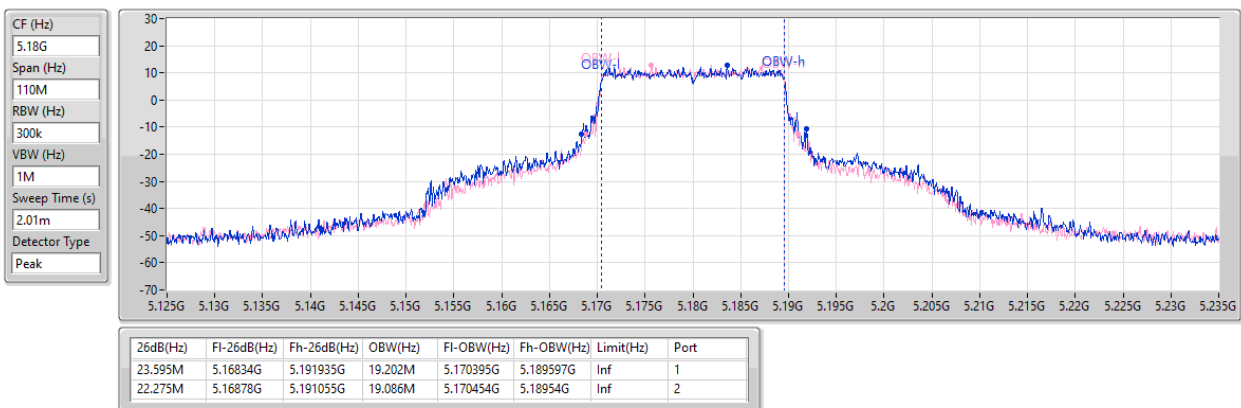


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5180MHz

09/12/2025

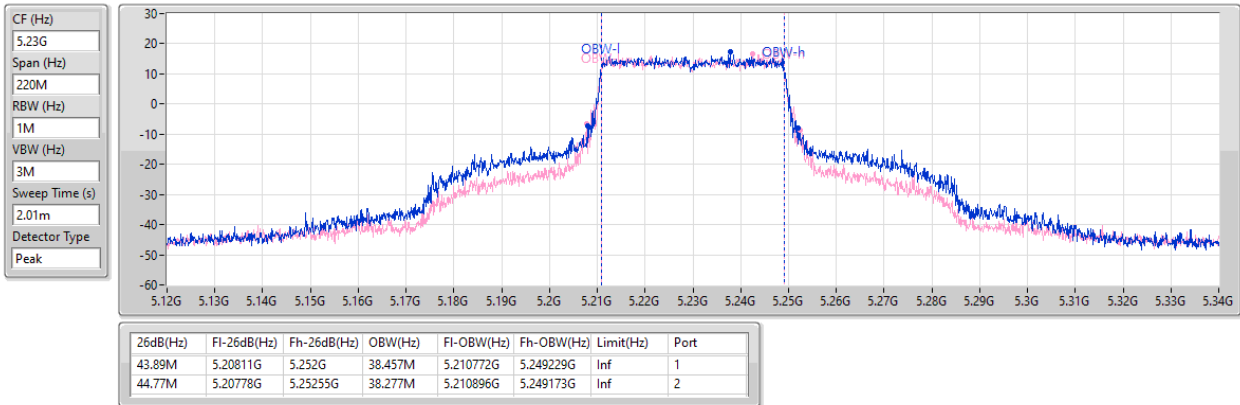


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

09/12/2025

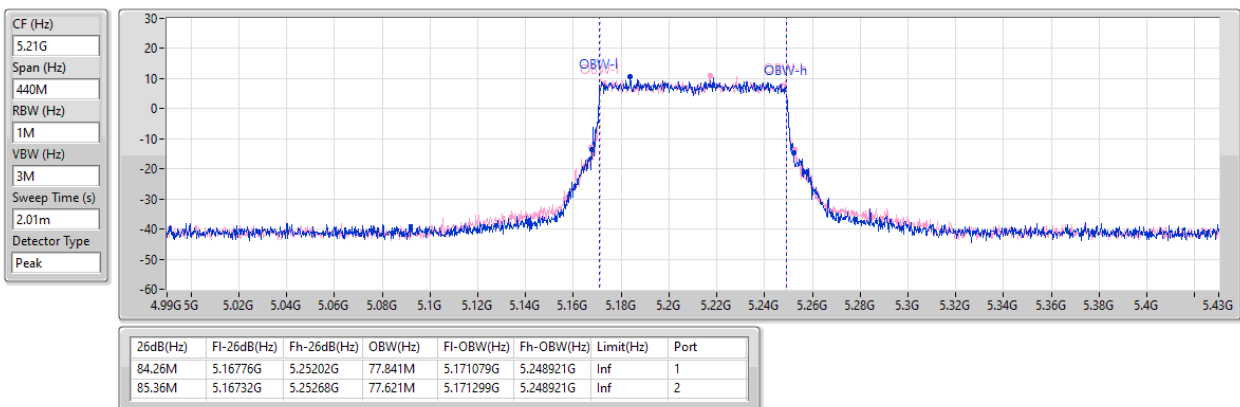


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

02/12/2025

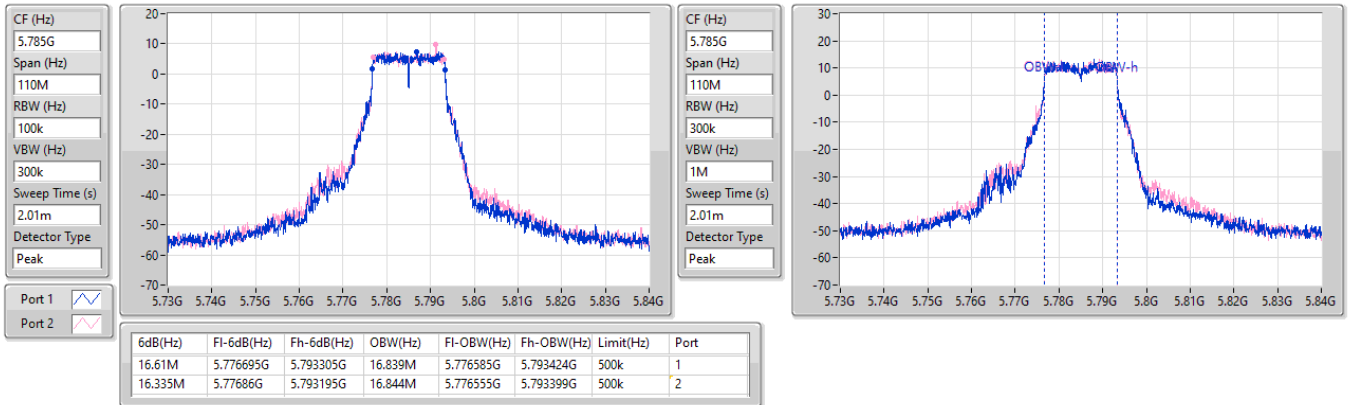


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

09/12/2025

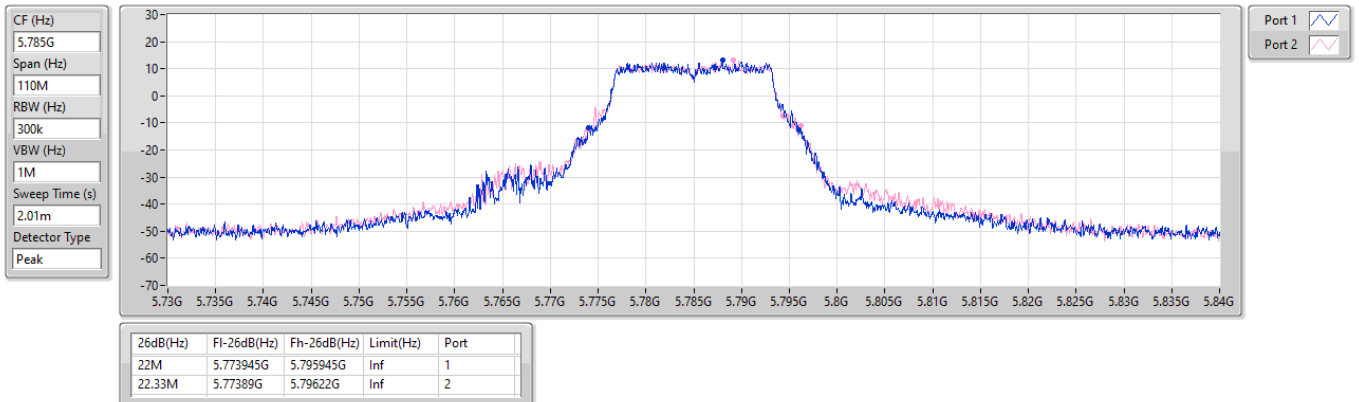


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5785MHz

09/12/2025

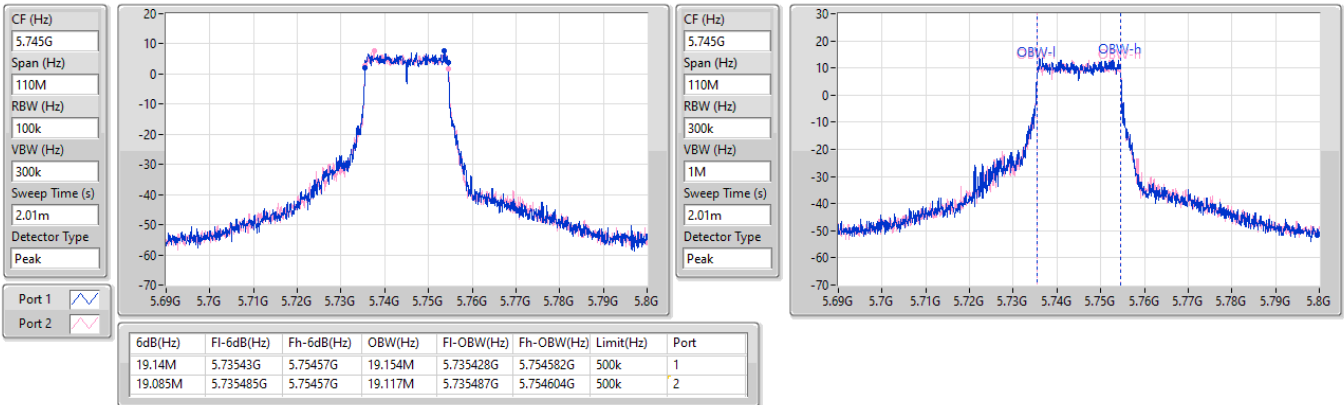


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

09/12/2025

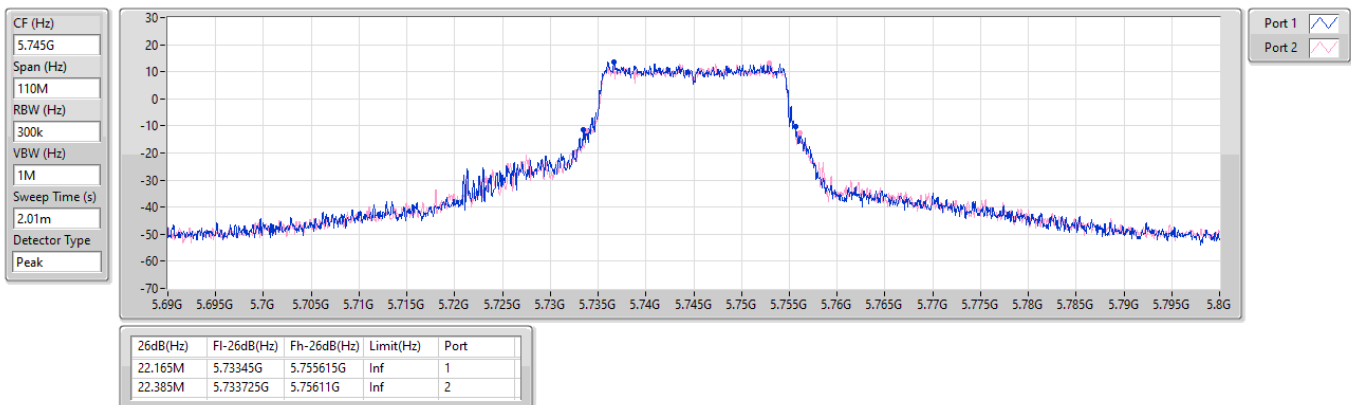


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

09/12/2025

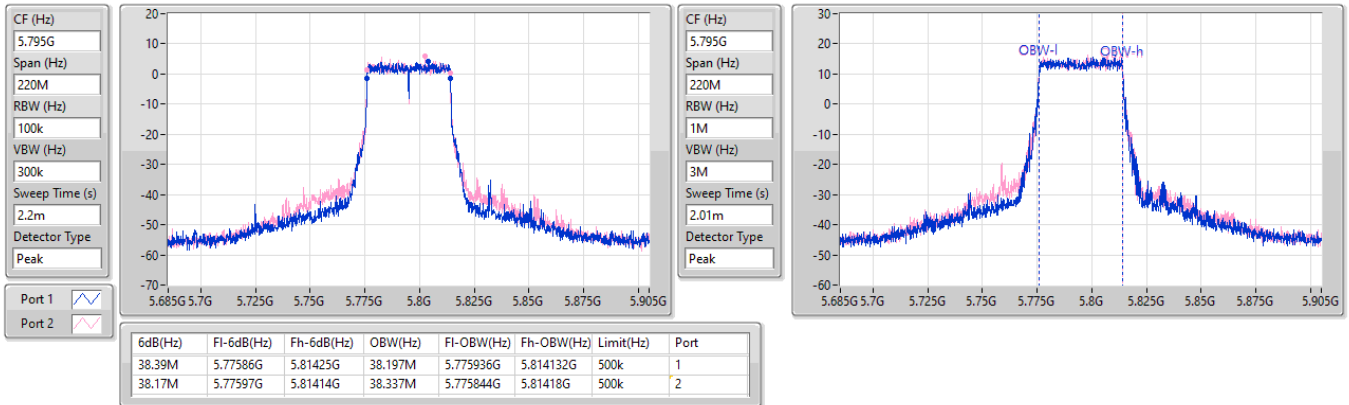


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

09/12/2025

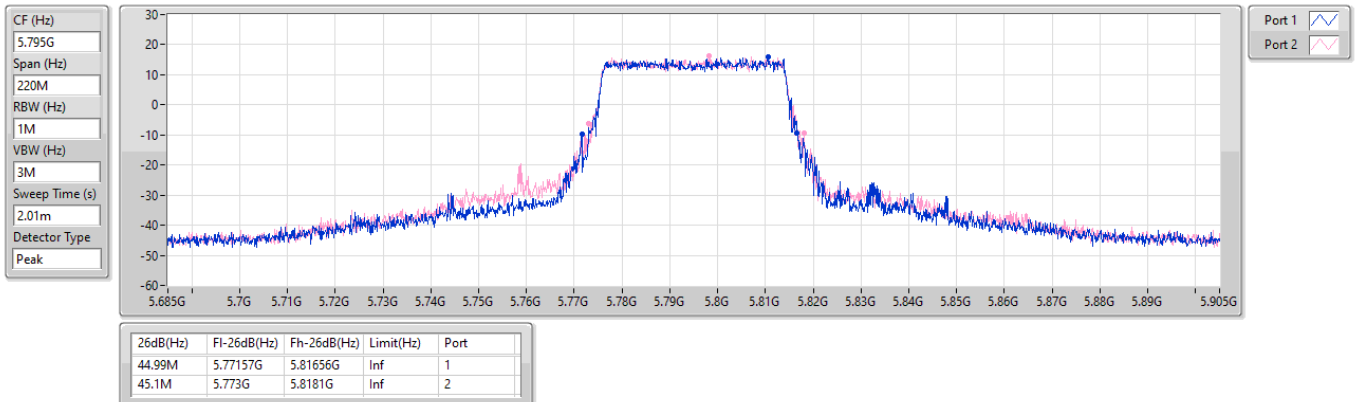


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5795MHz

09/12/2025

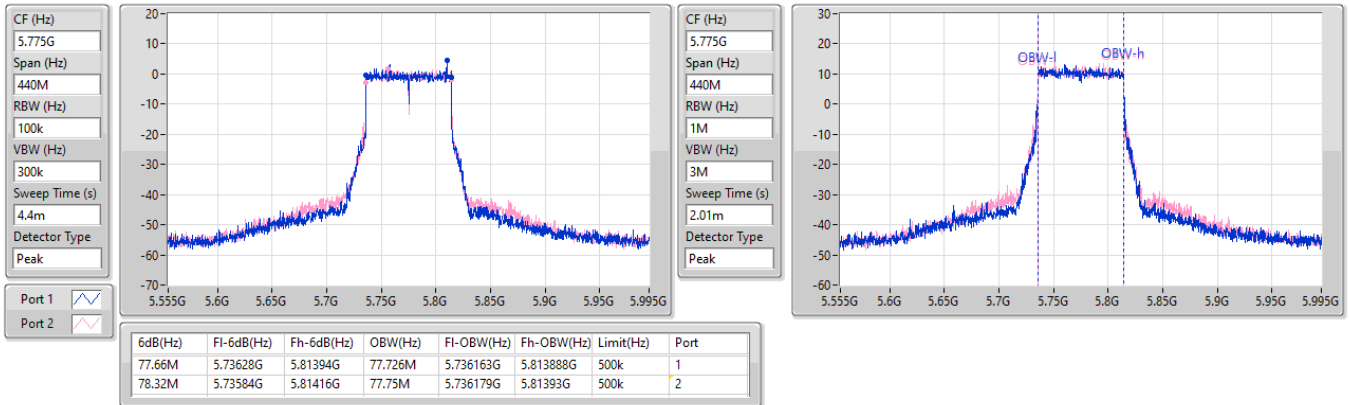


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

09/12/2025

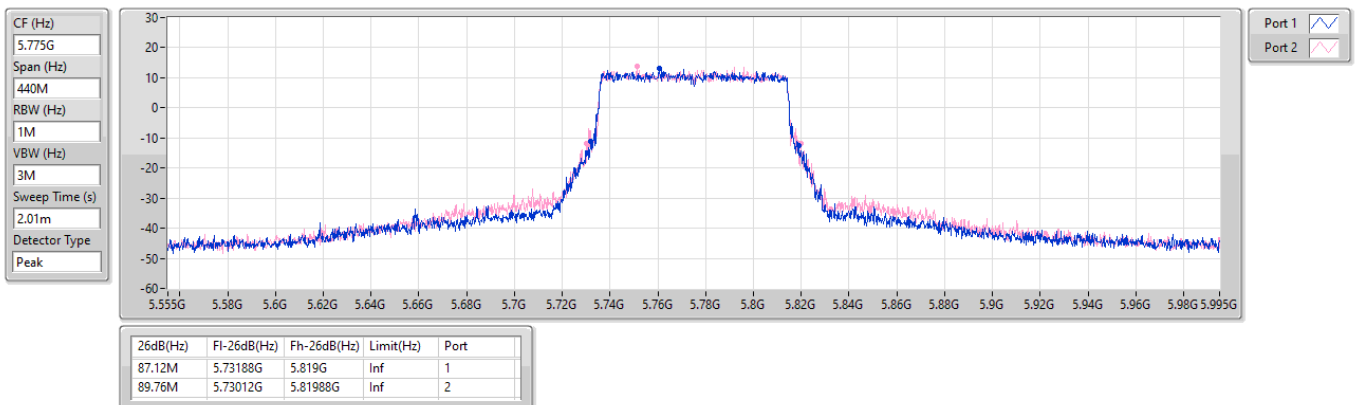


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

09/12/2025



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.42	0.34834
802.11be EHT20_Nss1,(MCS0)_2TX	25.56	0.35975
802.11be EHT40_Nss1,(MCS0)_2TX	25.68	0.36983
802.11be EHT80_Nss1,(MCS0)_2TX	21.51	0.14158
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.38	0.34514
802.11be EHT20_Nss1,(MCS0)_2TX	25.48	0.35318
802.11be EHT40_Nss1,(MCS0)_2TX	25.47	0.35237
802.11be EHT80_Nss1,(MCS0)_2TX	25.30	0.33884

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP [Phi 30°] (dBm)	EIRP [Phi 30°] Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.60	21.91	21.9	24.92	29.40	16.58	21.00
5200MHz	Pass	6.60	22.17	22.04	25.12	29.40	17.60	21.00
5240MHz	Pass	6.60	22.41	22.4	25.42	29.40	18.03	21.00
5745MHz	Pass	6.60	22.37	22.36	25.38	29.40	-	-
5785MHz	Pass	6.60	22.33	22.36	25.36	29.40	-	-
5825MHz	Pass	6.60	22.24	22.3	25.28	29.40	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.60	21.97	21.99	24.99	29.40	17.67	21.00
5200MHz	Pass	6.60	22.24	22.13	25.20	29.40	17.57	21.00
5240MHz	Pass	6.60	22.6	22.49	25.56	29.40	18.21	21.00
5745MHz	Pass	6.60	22.51	22.43	25.48	29.40	-	-
5785MHz	Pass	6.60	22.37	22.57	25.48	29.40	-	-
5825MHz	Pass	6.60	22.17	22.51	25.35	29.40	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.60	19.48	19.64	22.57	29.40	17.19	21.00
5230MHz	Pass	6.60	22.79	22.55	25.68	29.40	17.84	21.00
5755MHz	Pass	6.60	22.45	22.43	25.45	29.40	-	-
5795MHz	Pass	6.60	22.34	22.58	25.47	29.40	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.60	18.56	18.43	21.51	29.40	17.90	21.00
5775MHz	Pass	6.60	22.27	22.3	25.30	29.40	-	-

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)
5.15-5.25GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	25.56	0.35975
802.11be EHT40-BF_Nss1,(MCS0)_2TX	25.68	0.36983
802.11be EHT80-BF_Nss1,(MCS0)_2TX	21.51	0.14158
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	25.48	0.35318
802.11be EHT40-BF_Nss1,(MCS0)_2TX	25.47	0.35237
802.11be EHT80-BF_Nss1,(MCS0)_2TX	25.30	0.33884

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.51	21.97	21.99	24.99	26.49
5200MHz	Pass	9.51	22.24	22.13	25.20	26.49
5240MHz	Pass	9.51	22.6	22.49	25.56	26.49
5745MHz	Pass	9.51	22.51	22.43	25.48	26.49
5785MHz	Pass	9.51	22.37	22.57	25.48	26.49
5825MHz	Pass	9.51	22.17	22.51	25.35	26.49
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.51	19.48	19.64	22.57	26.49
5230MHz	Pass	9.51	22.79	22.55	25.68	26.49
5755MHz	Pass	9.51	22.45	22.43	25.45	26.49
5795MHz	Pass	9.51	22.34	22.58	25.47	26.49
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.51	18.56	18.43	21.51	26.49
5775MHz	Pass	9.51	22.27	22.3	25.30	26.49

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



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.98
802.11be EHT20_Nss1,(MCS0)_2TX	11.42
802.11be EHT40_Nss1,(MCS0)_2TX	8.43
802.11be EHT80_Nss1,(MCS0)_2TX	2.02
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.41
802.11be EHT20_Nss1,(MCS0)_2TX	9.82
802.11be EHT40_Nss1,(MCS0)_2TX	6.62
802.11be EHT80_Nss1,(MCS0)_2TX	3.46

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.51	8.4	8.44	11.41	13.49
5200MHz	Pass	9.51	8.79	8.55	11.67	13.49
5240MHz	Pass	9.51	9.06	8.99	11.98	13.49
5745MHz	Pass	9.51	7.61	7.27	10.41	26.49
5785MHz	Pass	9.51	7.47	7.42	10.36	26.49
5825MHz	Pass	9.51	7.27	7.35	10.26	26.49
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.51	7.94	7.89	10.91	13.49
5200MHz	Pass	9.51	8.06	8.04	11.05	13.49
5240MHz	Pass	9.51	8.47	8.41	11.42	13.49
5745MHz	Pass	9.51	6.98	6.75	9.82	26.49
5785MHz	Pass	9.51	6.76	6.72	9.72	26.49
5825MHz	Pass	9.51	6.75	6.76	9.71	26.49
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.51	3.02	3.16	6.07	13.49
5230MHz	Pass	9.51	5.49	5.42	8.43	13.49
5755MHz	Pass	9.51	3.72	3.76	6.62	26.49
5795MHz	Pass	9.51	3.49	3.8	6.57	26.49
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.51	-0.95	-1	2.02	13.49
5775MHz	Pass	9.51	0.53	0.56	3.46	26.49

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
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.

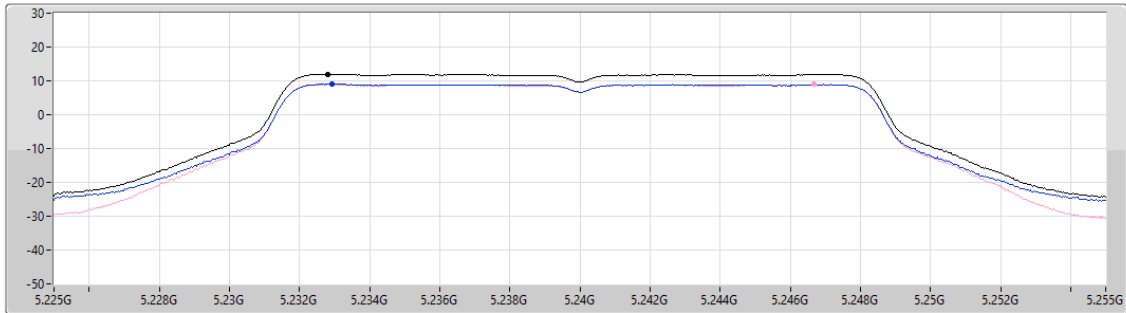
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

09/12/2025

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.954
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.98	11.98	9.06	8.99

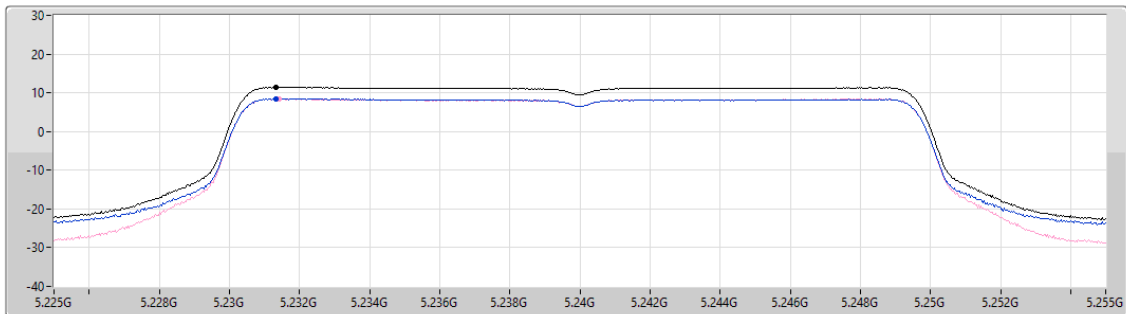
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5240MHz

09/12/2025

CF (Hz)
5.24G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Sum
Port 1
Port 2

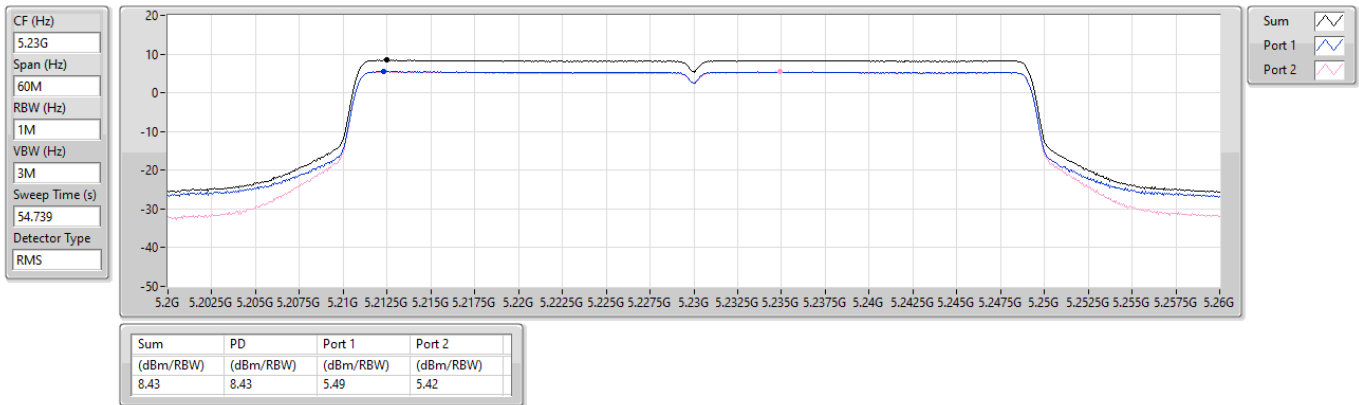
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.42	11.42	8.47	8.41

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5230MHz

09/12/2025

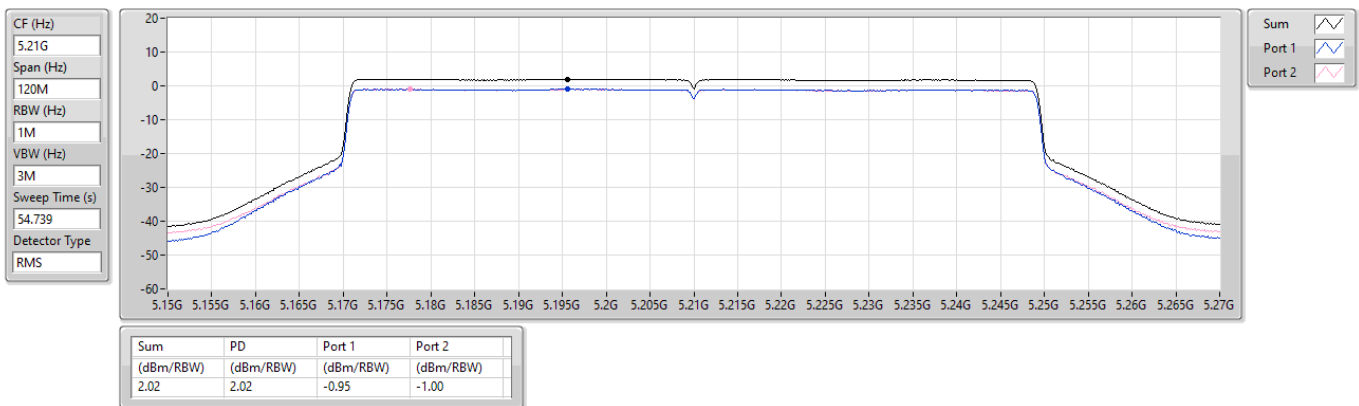


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5210MHz

02/12/2025



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

09/12/2025

CF (Hz)
5.745G

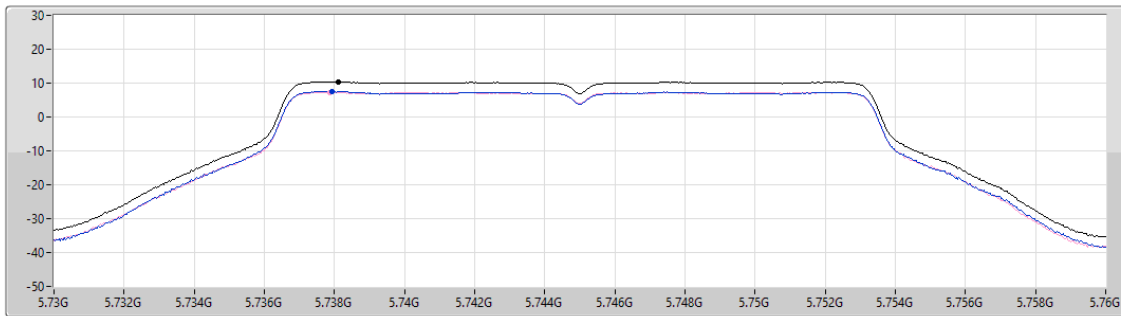
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
10.41	10.41	7.61	7.27

Sum ☒

Port 1 ☐

Port 2 ☐

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5745MHz

09/12/2025

CF (Hz)
5.745G

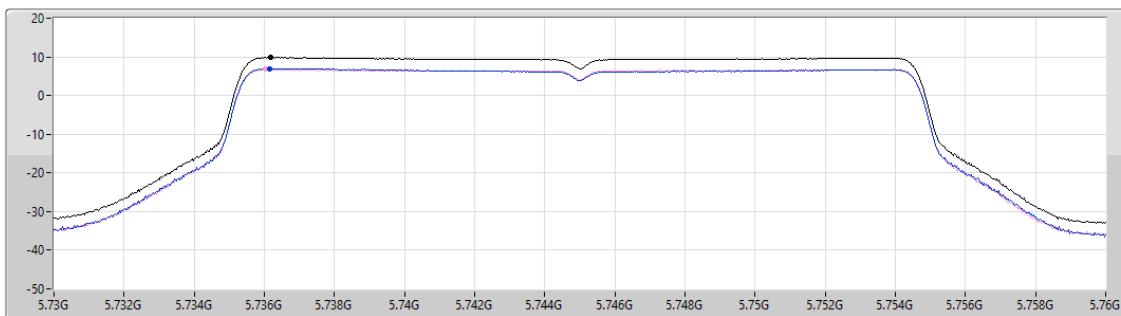
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
9.82	9.82	6.98	6.75

Sum ☒

Port 1 ☐

Port 2 ☐

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5755MHz

09/12/2025

CF (Hz)
5.755G

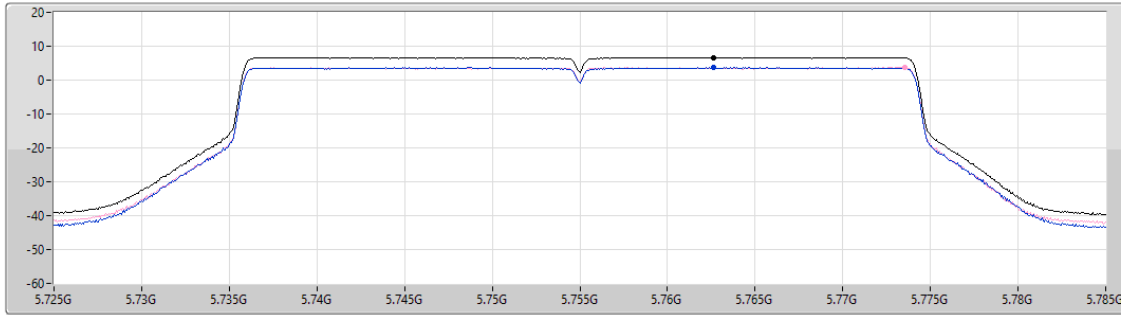
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.62	6.62	3.72	3.76

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5775MHz

09/12/2025

CF (Hz)
5.775G

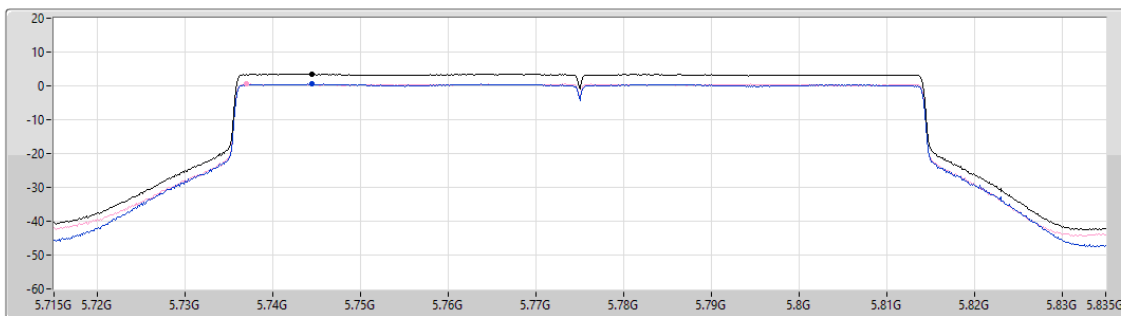
Span (Hz)
120M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.46	3.46	0.53	0.56



Summary

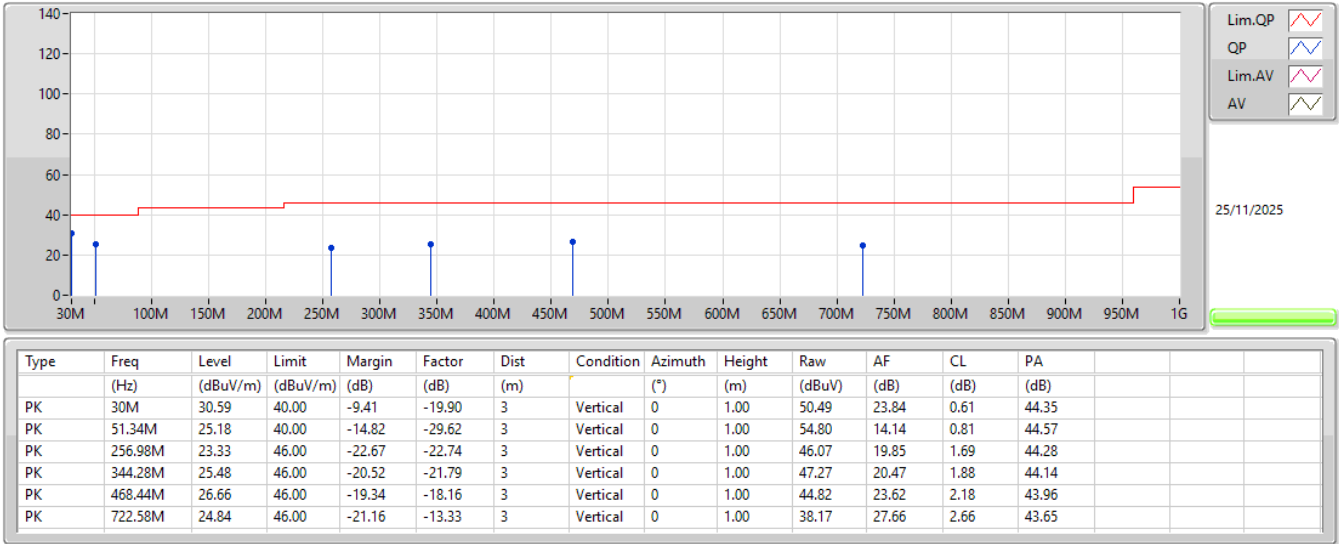
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	30M	30.59	40.00	-9.41	3	Vertical	0	1.00

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5775MHz_PoE	Pass	PK	30M	30.59	40.00	-9.41	3	Vertical	0	1.00
5775MHz_PoE	Pass	PK	51.34M	25.18	40.00	-14.82	3	Vertical	0	1.00
5775MHz_PoE	Pass	PK	256.98M	23.33	46.00	-22.67	3	Vertical	0	1.00
5775MHz_PoE	Pass	PK	344.28M	25.48	46.00	-20.52	3	Vertical	0	1.00
5775MHz_PoE	Pass	PK	468.44M	26.66	46.00	-19.34	3	Vertical	0	1.00
5775MHz_PoE	Pass	PK	722.58M	24.84	46.00	-21.16	3	Vertical	0	1.00
5775MHz_PoE	Pass	PK	31.94M	21.89	40.00	-18.11	3	Horizontal	360	1.00
5775MHz_PoE	Pass	PK	142.52M	25.91	43.50	-17.59	3	Horizontal	360	1.00
5775MHz_PoE	Pass	PK	224M	26.71	46.00	-19.29	3	Horizontal	360	1.00
5775MHz_PoE	Pass	PK	253.1M	30.10	46.00	-15.90	3	Horizontal	360	1.00
5775MHz_PoE	Pass	PK	344.28M	30.91	46.00	-15.09	3	Horizontal	360	1.00
5775MHz_PoE	Pass	PK	443.22M	26.99	46.00	-19.01	3	Horizontal	360	1.00

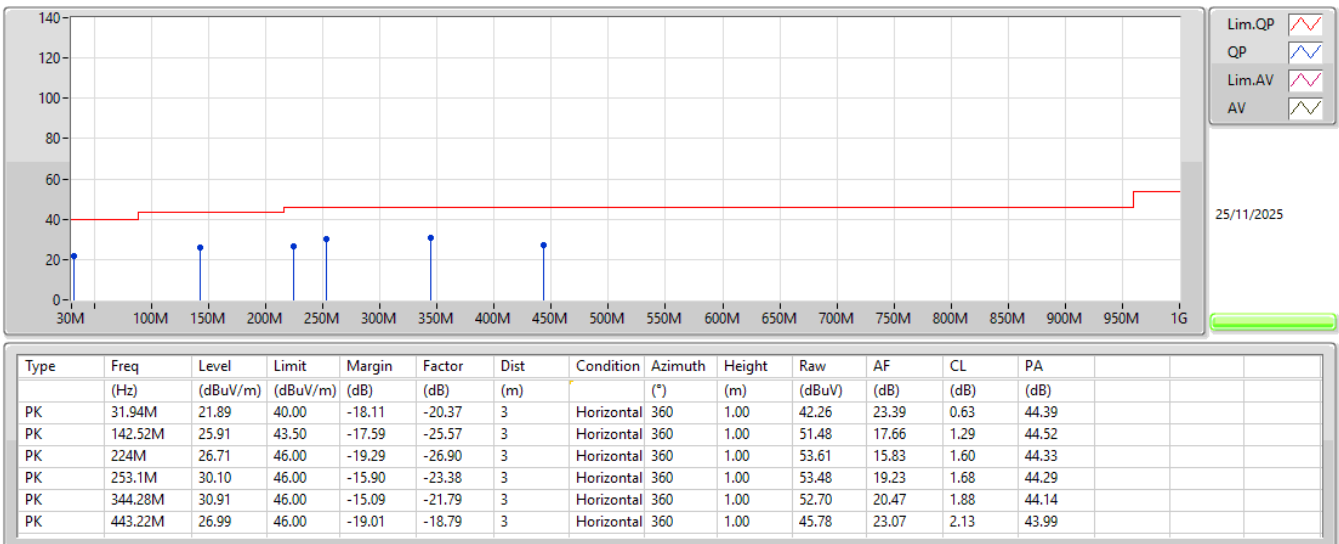
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_PoE



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_PoE



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.1476G	52.46	54.00	-1.54	3	Vertical	204	2.22
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	5.1498G	53.12	54.00	-0.88	3	Vertical	187	2.33
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	5.15G	52.69	54.00	-1.31	3	Vertical	205	2.27
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	5.15G	52.46	54.00	-1.54	3	Vertical	188	2.34
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.4966G	59.14	68.20	-9.06	3	Vertical	18	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	6.0262G	59.55	68.20	-8.65	3	Vertical	172	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	6.0026G	58.80	68.20	-9.40	3	Vertical	10	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	5.6454G	65.31	68.20	-2.89	3	Vertical	18	1.50

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1476G	52.46	54.00	-1.54	3	Vertical	204	2.22
5180MHz	Pass	AV	5.182G	109.40	Inf	-Inf	3	Vertical	204	2.22
5180MHz	Pass	PK	5.1474G	68.87	74.00	-5.13	3	Vertical	204	2.22
5180MHz	Pass	PK	5.1876G	120.20	Inf	-Inf	3	Vertical	204	2.22
5180MHz	Pass	AV	5.148G	42.97	54.00	-11.03	3	Horizontal	159	1.29
5180MHz	Pass	AV	5.1732G	91.63	Inf	-Inf	3	Horizontal	159	1.29
5180MHz	Pass	PK	5.1498G	56.64	74.00	-17.36	3	Horizontal	159	1.29
5180MHz	Pass	PK	5.1736G	101.96	Inf	-Inf	3	Horizontal	159	1.29
5180MHz	Pass	PK	10.35118G	51.16	68.20	-17.04	3	Vertical	262	2.33
5180MHz	Pass	PK	10.35274G	50.00	68.20	-18.20	3	Horizontal	334	1.50
5200MHz	Pass	AV	5.15G	45.35	54.00	-8.65	3	Vertical	29	1.50
5200MHz	Pass	AV	5.1948G	107.34	Inf	-Inf	3	Vertical	29	1.50
5200MHz	Pass	PK	5.15G	58.94	74.00	-15.06	3	Vertical	29	1.50
5200MHz	Pass	PK	5.1948G	117.50	Inf	-Inf	3	Vertical	29	1.50
5200MHz	Pass	AV	5.15G	43.10	54.00	-10.90	3	Horizontal	160	1.01
5200MHz	Pass	AV	5.1964G	92.44	Inf	-Inf	3	Horizontal	160	1.01
5200MHz	Pass	PK	5.14G	57.08	74.00	-16.92	3	Horizontal	160	1.01
5200MHz	Pass	PK	5.1964G	102.48	Inf	-Inf	3	Horizontal	160	1.01
5200MHz	Pass	PK	10.41104G	50.09	68.20	-18.11	3	Vertical	307	1.59
5200MHz	Pass	PK	10.39778G	50.06	68.20	-18.14	3	Horizontal	30	1.50
5240MHz	Pass	AV	5.15G	44.75	54.00	-9.25	3	Vertical	189	2.22
5240MHz	Pass	AV	5.2472G	109.51	Inf	-Inf	3	Vertical	189	2.22
5240MHz	Pass	AV	5.3564G	44.45	54.00	-9.55	3	Vertical	189	2.22
5240MHz	Pass	PK	5.1392G	58.30	74.00	-15.70	3	Vertical	189	2.22
5240MHz	Pass	PK	5.2376G	119.99	Inf	-Inf	3	Vertical	189	2.22
5240MHz	Pass	PK	5.3594G	58.35	74.00	-15.65	3	Vertical	189	2.22
5240MHz	Pass	AV	5.1488G	43.07	54.00	-10.93	3	Horizontal	147	1.32
5240MHz	Pass	AV	5.243G	90.38	Inf	-Inf	3	Horizontal	147	1.32
5240MHz	Pass	AV	5.366G	43.57	54.00	-10.43	3	Horizontal	147	1.32
5240MHz	Pass	PK	5.1434G	56.22	74.00	-17.78	3	Horizontal	147	1.32
5240MHz	Pass	PK	5.243G	100.45	Inf	-Inf	3	Horizontal	147	1.32
5240MHz	Pass	PK	5.3594G	57.33	74.00	-16.67	3	Horizontal	147	1.32
5240MHz	Pass	PK	10.48072G	50.06	68.20	-18.14	3	Vertical	113	2.59
5240MHz	Pass	PK	10.46896G	49.97	68.20	-18.23	3	Horizontal	211	1.50
5745MHz	Pass	AV	5.4582G	43.50	54.00	-10.50	3	Vertical	18	1.50
5745MHz	Pass	AV	5.7522G	108.18	Inf	-Inf	3	Vertical	18	1.50
5745MHz	Pass	PK	5.4966G	59.14	68.20	-9.06	3	Vertical	18	1.50
5745MHz	Pass	PK	5.7426G	118.15	Inf	-Inf	3	Vertical	18	1.50
5745MHz	Pass	PK	5.9922G	58.81	68.20	-9.39	3	Vertical	18	1.50
5745MHz	Pass	AV	5.4546G	42.98	54.00	-11.02	3	Horizontal	120	1.13
5745MHz	Pass	AV	5.7486G	93.76	Inf	-Inf	3	Horizontal	120	1.13
5745MHz	Pass	PK	5.517G	57.34	68.20	-10.86	3	Horizontal	120	1.13
5745MHz	Pass	PK	5.7474G	103.49	Inf	-Inf	3	Horizontal	120	1.13
5745MHz	Pass	PK	5.9346G	58.49	68.20	-9.71	3	Horizontal	120	1.13
5745MHz	Pass	AV	11.49042G	37.65	54.00	-16.35	3	Vertical	116	1.50
5745MHz	Pass	PK	11.49546G	52.10	74.00	-21.90	3	Vertical	116	1.50
5745MHz	Pass	AV	11.49018G	37.62	54.00	-16.38	3	Horizontal	196	1.50
5745MHz	Pass	PK	11.48436G	52.34	74.00	-21.66	3	Horizontal	196	1.50
5785MHz	Pass	AV	5.7814G	107.86	Inf	-Inf	3	Vertical	7	1.50
5785MHz	Pass	PK	5.539G	57.67	68.20	-10.53	3	Vertical	7	1.50
5785MHz	Pass	PK	5.7814G	117.99	Inf	-Inf	3	Vertical	7	1.50
5785MHz	Pass	PK	5.9422G	59.01	68.20	-9.19	3	Vertical	7	1.50
5785MHz	Pass	AV	5.7898G	94.06	Inf	-Inf	3	Horizontal	118	1.42
5785MHz	Pass	PK	5.6338G	57.04	68.20	-11.16	3	Horizontal	118	1.42
5785MHz	Pass	PK	5.7898G	104.12	Inf	-Inf	3	Horizontal	118	1.42
5785MHz	Pass	PK	5.947G	58.05	68.20	-10.15	3	Horizontal	118	1.42
5785MHz	Pass	AV	11.55524G	37.10	54.00	-16.90	3	Vertical	135	2.88
5785MHz	Pass	PK	11.56286G	51.41	74.00	-22.59	3	Vertical	135	2.88
5785MHz	Pass	AV	11.55824G	37.07	54.00	-16.93	3	Horizontal	333	1.89
5785MHz	Pass	PK	11.58302G	51.37	74.00	-22.63	3	Horizontal	333	1.89

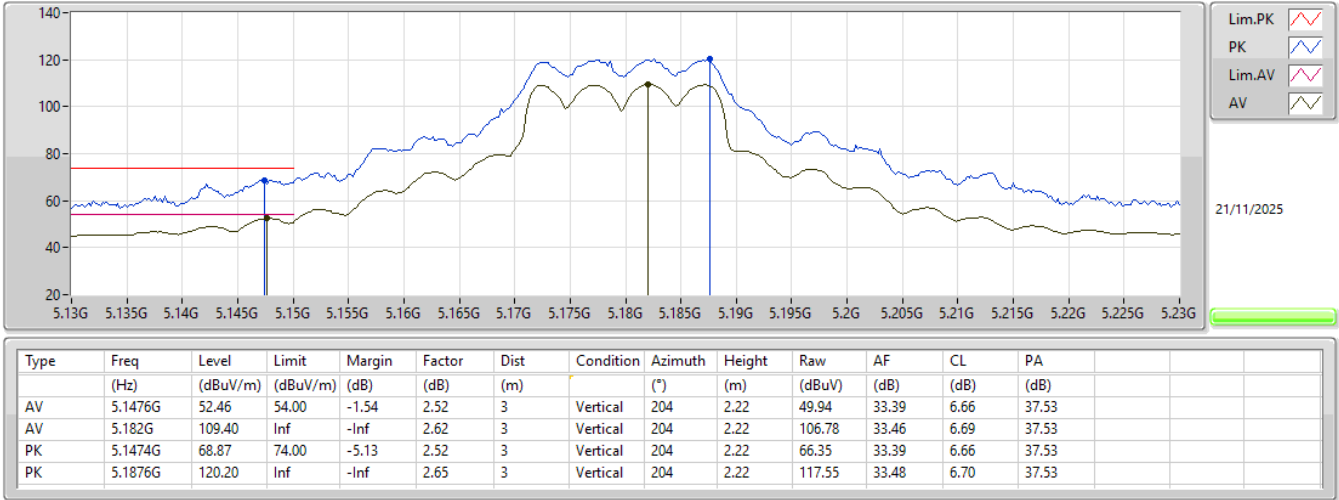
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5825MHz	Pass	AV	5.8214G	108.18	Inf	-Inf	3	Vertical	9	1.50
5825MHz	Pass	PK	5.5838G	57.74	68.20	-10.46	3	Vertical	9	1.50
5825MHz	Pass	PK	5.8214G	118.44	Inf	-Inf	3	Vertical	9	1.50
5825MHz	Pass	PK	6.0218G	58.45	68.20	-9.75	3	Vertical	9	1.50
5825MHz	Pass	AV	5.8298G	94.15	Inf	-Inf	3	Horizontal	119	1.40
5825MHz	Pass	PK	5.6102G	57.30	68.20	-10.90	3	Horizontal	119	1.40
5825MHz	Pass	PK	5.8298G	104.32	Inf	-Inf	3	Horizontal	119	1.40
5825MHz	Pass	PK	6.0854G	58.82	68.20	-9.38	3	Horizontal	119	1.40
5825MHz	Pass	AV	11.6638G	36.56	54.00	-17.44	3	Vertical	241	1.71
5825MHz	Pass	PK	11.6638G	51.07	74.00	-22.93	3	Vertical	241	1.71
5825MHz	Pass	AV	11.66266G	36.47	54.00	-17.53	3	Horizontal	245	1.50
5825MHz	Pass	PK	11.6611G	50.57	74.00	-23.43	3	Horizontal	245	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1498G	53.12	54.00	-0.88	3	Vertical	187	2.33
5180MHz	Pass	AV	5.1854G	108.93	Inf	-Inf	3	Vertical	187	2.33
5180MHz	Pass	PK	5.1476G	70.54	74.00	-3.46	3	Vertical	187	2.33
5180MHz	Pass	PK	5.1862G	122.35	Inf	-Inf	3	Vertical	187	2.33
5180MHz	Pass	AV	5.148G	42.78	54.00	-11.22	3	Horizontal	164	1.00
5180MHz	Pass	AV	5.1824G	87.69	Inf	-Inf	3	Horizontal	164	1.00
5180MHz	Pass	PK	5.1428G	56.61	74.00	-17.39	3	Horizontal	164	1.00
5180MHz	Pass	PK	5.184G	101.53	Inf	-Inf	3	Horizontal	164	1.00
5180MHz	Pass	PK	10.36676G	51.73	68.20	-16.47	3	Vertical	73	1.49
5180MHz	Pass	PK	10.35692G	51.29	68.20	-16.91	3	Horizontal	328	1.50
5200MHz	Pass	AV	5.15G	45.37	54.00	-8.63	3	Vertical	327	1.50
5200MHz	Pass	AV	5.196G	106.97	Inf	-Inf	3	Vertical	327	1.50
5200MHz	Pass	PK	5.1424G	58.88	74.00	-15.12	3	Vertical	327	1.50
5200MHz	Pass	PK	5.1928G	120.37	Inf	-Inf	3	Vertical	327	1.50
5200MHz	Pass	AV	5.1492G	43.05	54.00	-10.95	3	Horizontal	204	1.11
5200MHz	Pass	AV	5.2024G	89.81	Inf	-Inf	3	Horizontal	204	1.11
5200MHz	Pass	PK	5.1332G	57.00	74.00	-17.00	3	Horizontal	204	1.11
5200MHz	Pass	PK	5.2032G	103.00	Inf	-Inf	3	Horizontal	204	1.11
5200MHz	Pass	PK	10.39292G	51.07	68.20	-17.13	3	Vertical	149	1.50
5200MHz	Pass	PK	10.39908G	50.76	68.20	-17.44	3	Horizontal	345	2.54
5240MHz	Pass	AV	5.15G	44.63	54.00	-9.37	3	Vertical	189	2.21
5240MHz	Pass	AV	5.231G	109.24	Inf	-Inf	3	Vertical	189	2.21
5240MHz	Pass	AV	5.3564G	44.42	54.00	-9.58	3	Vertical	189	2.21
5240MHz	Pass	PK	5.1494G	58.40	74.00	-15.60	3	Vertical	189	2.21
5240MHz	Pass	PK	5.2316G	121.95	Inf	-Inf	3	Vertical	189	2.21
5240MHz	Pass	PK	5.3678G	57.87	74.00	-16.13	3	Vertical	189	2.21
5240MHz	Pass	AV	5.1494G	42.99	54.00	-11.01	3	Horizontal	43	1.50
5240MHz	Pass	AV	5.2382G	89.23	Inf	-Inf	3	Horizontal	43	1.50
5240MHz	Pass	AV	5.375G	43.57	54.00	-10.43	3	Horizontal	43	1.50
5240MHz	Pass	PK	5.1476G	56.47	74.00	-17.53	3	Horizontal	43	1.50
5240MHz	Pass	PK	5.2382G	102.87	Inf	-Inf	3	Horizontal	43	1.50
5240MHz	Pass	PK	5.378G	57.46	74.00	-16.54	3	Horizontal	43	1.50
5240MHz	Pass	PK	10.47344G	51.67	68.20	-16.53	3	Vertical	229	2.33
5240MHz	Pass	PK	10.47168G	51.14	68.20	-17.06	3	Horizontal	133	1.17
5745MHz	Pass	AV	5.4594G	43.45	54.00	-10.55	3	Vertical	16	1.50
5745MHz	Pass	AV	5.7534G	107.81	Inf	-Inf	3	Vertical	16	1.50
5745MHz	Pass	PK	5.4762G	58.32	68.20	-9.88	3	Vertical	16	1.50
5745MHz	Pass	PK	5.7546G	120.57	Inf	-Inf	3	Vertical	16	1.50
5745MHz	Pass	PK	6.0138G	58.93	68.20	-9.27	3	Vertical	16	1.50
5745MHz	Pass	AV	5.4462G	42.92	54.00	-11.08	3	Horizontal	117	1.34
5745MHz	Pass	AV	5.7498G	93.64	Inf	-Inf	3	Horizontal	117	1.34
5745MHz	Pass	PK	5.5854G	57.09	68.20	-11.11	3	Horizontal	117	1.34
5745MHz	Pass	PK	5.751G	106.62	Inf	-Inf	3	Horizontal	117	1.34
5745MHz	Pass	PK	5.9658G	58.77	68.20	-9.43	3	Horizontal	117	1.34
5745MHz	Pass	AV	11.49006G	37.55	54.00	-16.45	3	Vertical	353	1.50
5745MHz	Pass	PK	11.50194G	51.64	74.00	-22.36	3	Vertical	353	1.50
5745MHz	Pass	AV	11.48982G	37.50	54.00	-16.50	3	Horizontal	62	1.23
5745MHz	Pass	PK	11.49G	52.11	74.00	-21.89	3	Horizontal	62	1.23
5785MHz	Pass	AV	5.7934G	111.83	Inf	-Inf	3	Vertical	172	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5785MHz	Pass	PK	5.647G	59.01	68.20	-9.19	3	Vertical	172	1.50
5785MHz	Pass	PK	5.7934G	122.98	Inf	-Inf	3	Vertical	172	1.50
5785MHz	Pass	PK	6.0262G	59.55	68.20	-8.65	3	Vertical	172	1.50
5785MHz	Pass	AV	5.7766G	91.72	Inf	-Inf	3	Horizontal	132	1.52
5785MHz	Pass	PK	5.5954G	57.35	68.20	-10.85	3	Horizontal	132	1.52
5785MHz	Pass	PK	5.7778G	103.51	Inf	-Inf	3	Horizontal	132	1.52
5785MHz	Pass	PK	5.995G	58.45	68.20	-9.75	3	Horizontal	132	1.52
5785MHz	Pass	AV	11.56664G	40.07	54.00	-13.93	3	Vertical	212	2.45
5785MHz	Pass	PK	11.5592G	53.37	74.00	-20.63	3	Vertical	212	2.45
5785MHz	Pass	AV	11.56904G	40.25	54.00	-13.75	3	Horizontal	293	1.50
5785MHz	Pass	PK	11.56136G	52.81	74.00	-21.19	3	Horizontal	293	1.50
5825MHz	Pass	AV	5.8322G	108.19	Inf	-Inf	3	Vertical	6	1.50
5825MHz	Pass	PK	5.621G	58.75	68.20	-9.45	3	Vertical	6	1.50
5825MHz	Pass	PK	5.831G	120.36	Inf	-Inf	3	Vertical	6	1.50
5825MHz	Pass	PK	5.9642G	58.92	68.20	-9.28	3	Vertical	6	1.50
5825MHz	Pass	AV	5.8262G	93.73	Inf	-Inf	3	Horizontal	119	1.40
5825MHz	Pass	PK	5.555G	57.75	68.20	-10.45	3	Horizontal	119	1.40
5825MHz	Pass	PK	5.8262G	105.60	Inf	-Inf	3	Horizontal	119	1.40
5825MHz	Pass	PK	5.9342G	58.48	68.20	-9.72	3	Horizontal	119	1.40
5825MHz	Pass	AV	11.66482G	36.62	54.00	-17.38	3	Vertical	260	1.50
5825MHz	Pass	PK	11.64646G	50.69	74.00	-23.31	3	Vertical	260	1.50
5825MHz	Pass	AV	11.66356G	36.60	54.00	-17.40	3	Horizontal	99	2.46
5825MHz	Pass	PK	11.65768G	51.01	74.00	-22.99	3	Horizontal	99	2.46
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	52.69	54.00	-1.31	3	Vertical	205	2.27
5190MHz	Pass	AV	5.1952G	102.71	Inf	-Inf	3	Vertical	205	2.27
5190MHz	Pass	PK	5.1492G	67.54	74.00	-6.46	3	Vertical	205	2.27
5190MHz	Pass	PK	5.1976G	116.11	Inf	-Inf	3	Vertical	205	2.27
5190MHz	Pass	AV	5.1444G	43.25	54.00	-10.75	3	Horizontal	159	1.00
5190MHz	Pass	AV	5.1812G	85.61	Inf	-Inf	3	Horizontal	159	1.00
5190MHz	Pass	PK	5.1436G	57.07	74.00	-16.93	3	Horizontal	159	1.00
5190MHz	Pass	PK	5.1804G	99.49	Inf	-Inf	3	Horizontal	159	1.00
5190MHz	Pass	PK	10.36528G	50.97	68.20	-17.23	3	Vertical	214	2.97
5190MHz	Pass	PK	10.36648G	51.72	68.20	-16.48	3	Horizontal	327	1.41
5230MHz	Pass	AV	5.15G	50.27	54.00	-3.73	3	Vertical	205	2.31
5230MHz	Pass	AV	5.2132G	107.27	Inf	-Inf	3	Vertical	205	2.31
5230MHz	Pass	PK	5.1448G	64.97	74.00	-9.03	3	Vertical	205	2.31
5230MHz	Pass	PK	5.212G	120.37	Inf	-Inf	3	Vertical	205	2.31
5230MHz	Pass	AV	5.15G	42.72	54.00	-11.28	3	Horizontal	44	1.50
5230MHz	Pass	AV	5.2476G	86.14	Inf	-Inf	3	Horizontal	44	1.50
5230MHz	Pass	PK	5.148G	56.23	74.00	-17.77	3	Horizontal	44	1.50
5230MHz	Pass	PK	5.2476G	99.14	Inf	-Inf	3	Horizontal	44	1.50
5230MHz	Pass	PK	10.44176G	50.91	68.20	-17.29	3	Vertical	65	1.32
5230MHz	Pass	PK	10.4772G	51.31	68.20	-16.89	3	Horizontal	234	2.37
5755MHz	Pass	AV	5.4598G	43.64	54.00	-10.36	3	Vertical	18	1.50
5755MHz	Pass	AV	5.7442G	104.59	Inf	-Inf	3	Vertical	18	1.50
5755MHz	Pass	PK	5.6242G	58.49	68.20	-9.71	3	Vertical	18	1.50
5755MHz	Pass	PK	5.7442G	117.29	Inf	-Inf	3	Vertical	18	1.50
5755MHz	Pass	PK	5.9722G	58.71	68.20	-9.49	3	Vertical	18	1.50
5755MHz	Pass	AV	5.4562G	42.93	54.00	-11.07	3	Horizontal	120	1.22
5755MHz	Pass	AV	5.7442G	90.80	Inf	-Inf	3	Horizontal	120	1.22
5755MHz	Pass	PK	5.4982G	57.59	68.20	-10.61	3	Horizontal	120	1.22
5755MHz	Pass	PK	5.7442G	103.50	Inf	-Inf	3	Horizontal	120	1.22
5755MHz	Pass	PK	5.9566G	58.49	68.20	-9.71	3	Horizontal	120	1.22
5755MHz	Pass	AV	11.49296G	37.58	54.00	-16.42	3	Vertical	70	1.95
5755MHz	Pass	PK	11.4968G	51.71	74.00	-22.29	3	Vertical	70	1.95
5755MHz	Pass	AV	11.48996G	37.61	54.00	-16.39	3	Horizontal	308	1.44
5755MHz	Pass	PK	11.48936G	52.63	74.00	-21.37	3	Horizontal	308	1.44
5795MHz	Pass	AV	5.8022G	105.30	Inf	-Inf	3	Vertical	10	1.50
5795MHz	Pass	PK	5.6282G	58.63	68.20	-9.57	3	Vertical	10	1.50
5795MHz	Pass	PK	5.8034G	118.38	Inf	-Inf	3	Vertical	10	1.50
5795MHz	Pass	PK	6.0026G	58.80	68.20	-9.40	3	Vertical	10	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5795MHz	Pass	AV	5.7962G	90.68	Inf	-Inf	3	Horizontal	117	1.41
5795MHz	Pass	PK	5.5694G	57.00	68.20	-11.20	3	Horizontal	117	1.41
5795MHz	Pass	PK	5.7926G	104.27	Inf	-Inf	3	Horizontal	117	1.41
5795MHz	Pass	PK	6.095G	57.82	68.20	-10.38	3	Horizontal	117	1.41
5795MHz	Pass	AV	11.57044G	37.04	54.00	-16.96	3	Vertical	221	1.50
5795MHz	Pass	PK	11.56468G	50.98	74.00	-23.02	3	Vertical	221	1.50
5795MHz	Pass	AV	11.57032G	37.06	54.00	-16.94	3	Horizontal	251	1.50
5795MHz	Pass	PK	11.611G	51.87	74.00	-22.13	3	Horizontal	251	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.15G	52.46	54.00	-1.54	3	Vertical	188	2.34
5210MHz	Pass	AV	5.174G	99.25	Inf	-Inf	3	Vertical	188	2.34
5210MHz	Pass	AV	5.457G	44.82	54.00	-9.18	3	Vertical	188	2.34
5210MHz	Pass	PK	5.137G	65.03	74.00	-8.97	3	Vertical	188	2.34
5210MHz	Pass	PK	5.193G	112.06	Inf	-Inf	3	Vertical	188	2.34
5210MHz	Pass	PK	5.41G	58.40	74.00	-15.60	3	Vertical	188	2.34
5210MHz	Pass	AV	5.148G	43.10	54.00	-10.90	3	Horizontal	45	1.50
5210MHz	Pass	AV	5.248G	77.53	Inf	-Inf	3	Horizontal	45	1.50
5210MHz	Pass	AV	5.456G	43.74	54.00	-10.26	3	Horizontal	45	1.50
5210MHz	Pass	PK	5.149G	57.54	74.00	-16.46	3	Horizontal	45	1.50
5210MHz	Pass	PK	5.248G	91.46	Inf	-Inf	3	Horizontal	45	1.50
5210MHz	Pass	PK	5.442G	57.47	74.00	-16.53	3	Horizontal	45	1.50
5210MHz	Pass	PK	10.43184G	51.47	68.20	-16.73	3	Vertical	202	2.59
5210MHz	Pass	PK	10.43072G	51.62	68.20	-16.58	3	Horizontal	165	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4356G	44.97	54.00	-9.03	3	Vertical	343	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7008G	101.14	Inf	-Inf	3	Vertical	343	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4248G	58.33	74.00	-15.67	3	Vertical	343	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	58.50	68.20	-9.70	3	Vertical	343	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.66G	114.71	Inf	-Inf	3	Vertical	343	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8544G	61.35	68.20	-6.85	3	Vertical	343	1.02
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4056G	42.99	54.00	-11.01	3	Horizontal	117	1.33
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6948G	87.99	Inf	-Inf	3	Horizontal	117	1.33
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4092G	57.13	74.00	-16.87	3	Horizontal	117	1.33
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	55.91	68.20	-12.29	3	Horizontal	117	1.33
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6972G	100.50	Inf	-Inf	3	Horizontal	117	1.33
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.918G	58.53	68.20	-9.67	3	Horizontal	117	1.33
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.32384G	38.24	54.00	-15.76	3	Vertical	12	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37784G	52.17	74.00	-21.83	3	Vertical	12	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.32408G	38.25	54.00	-15.75	3	Horizontal	270	1.84
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.40568G	52.31	74.00	-21.69	3	Horizontal	270	1.84
5775MHz	Pass	AV	5.8038G	101.80	Inf	-Inf	3	Vertical	18	1.50
5775MHz	Pass	PK	5.6454G	65.31	68.20	-2.89	3	Vertical	18	1.50
5775MHz	Pass	PK	5.805G	115.59	Inf	-Inf	3	Vertical	18	1.50
5775MHz	Pass	PK	5.925G	61.56	68.20	-6.64	3	Vertical	18	1.50
5775MHz	Pass	AV	5.7474G	87.86	Inf	-Inf	3	Horizontal	119	1.14
5775MHz	Pass	PK	5.6466G	57.72	68.20	-10.48	3	Horizontal	119	1.14
5775MHz	Pass	PK	5.745G	101.16	Inf	-Inf	3	Horizontal	119	1.14
5775MHz	Pass	PK	6.0678G	57.90	68.20	-10.30	3	Horizontal	119	1.14
5775MHz	Pass	AV	11.49144G	37.54	54.00	-16.46	3	Vertical	210	1.50
5775MHz	Pass	PK	11.54448G	51.76	74.00	-22.24	3	Vertical	210	1.50
5775MHz	Pass	AV	11.53488G	37.56	54.00	-16.44	3	Horizontal	126	1.64
5775MHz	Pass	PK	11.50536G	52.26	74.00	-21.74	3	Horizontal	126	1.64

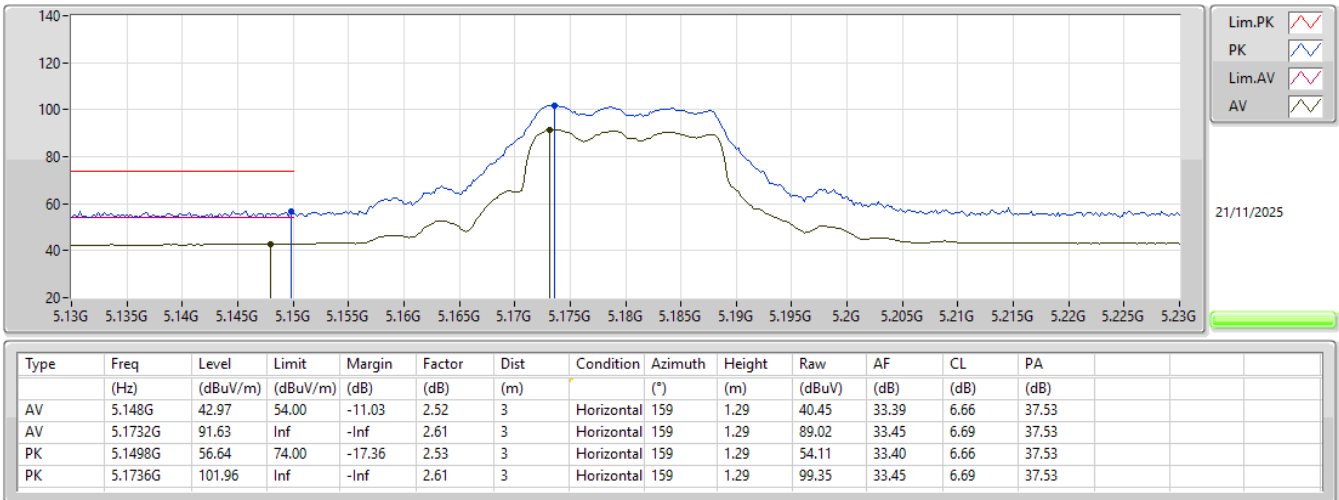
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5180MHz_TX



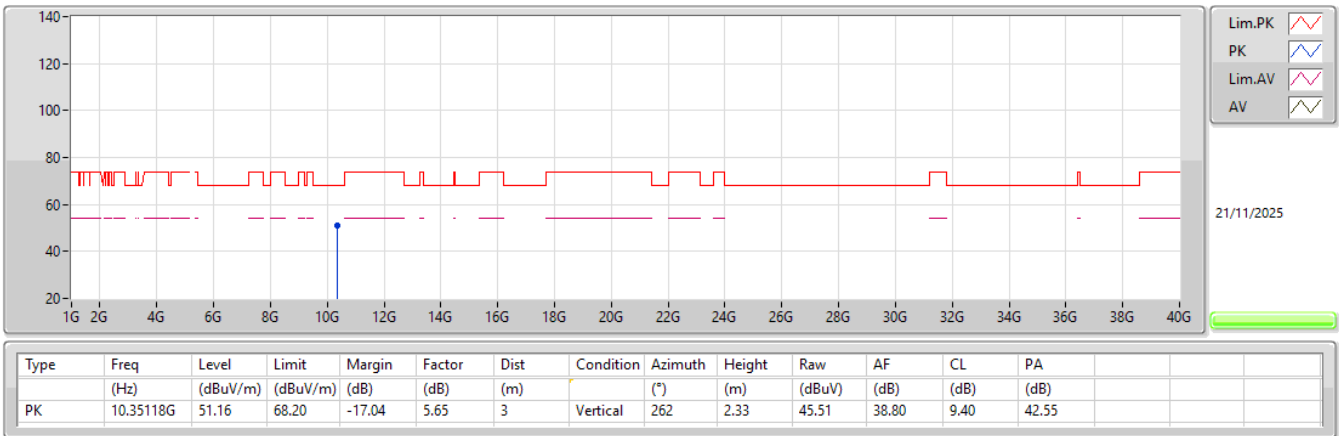
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5180MHz_TX



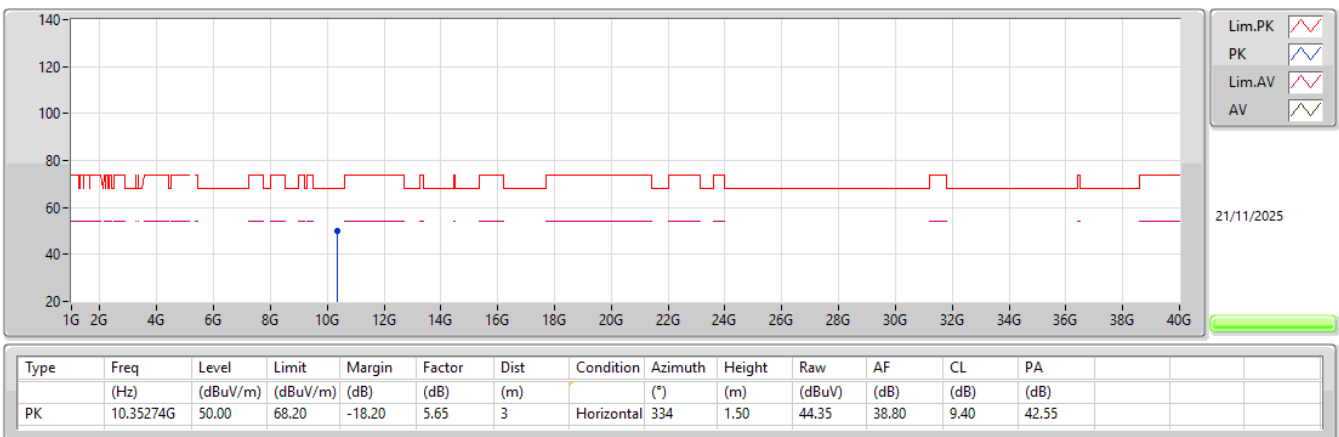
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5180MHz_TX



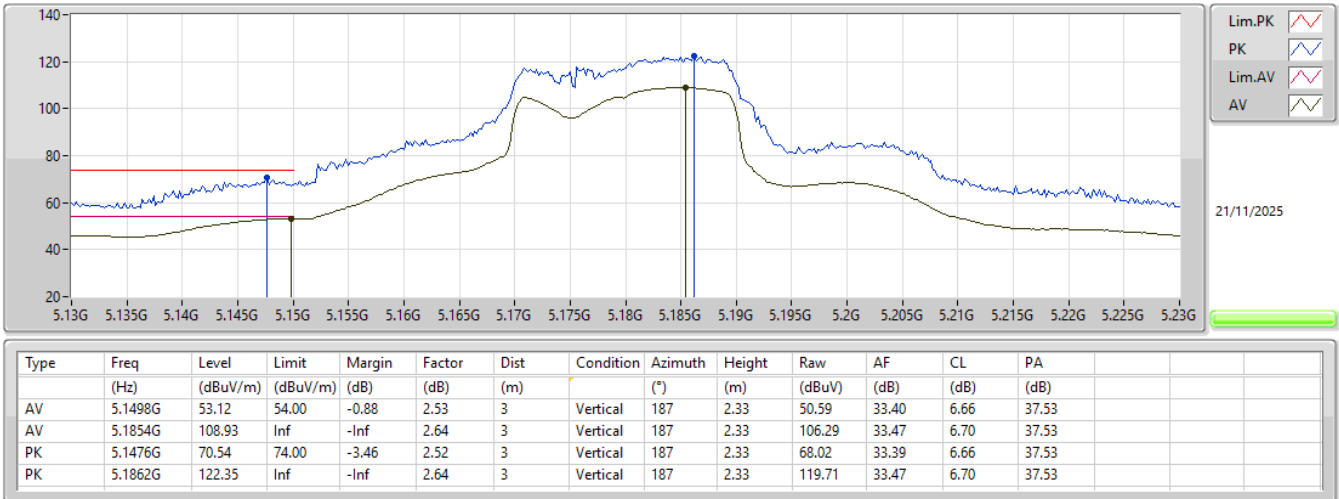
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5180MHz_TX



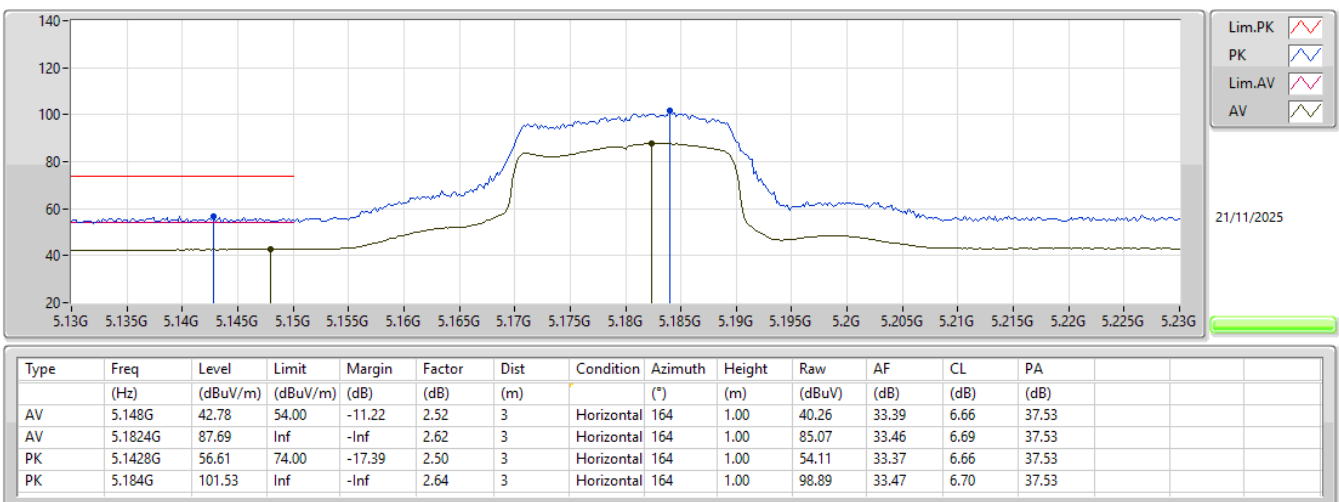
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5180MHz_TX



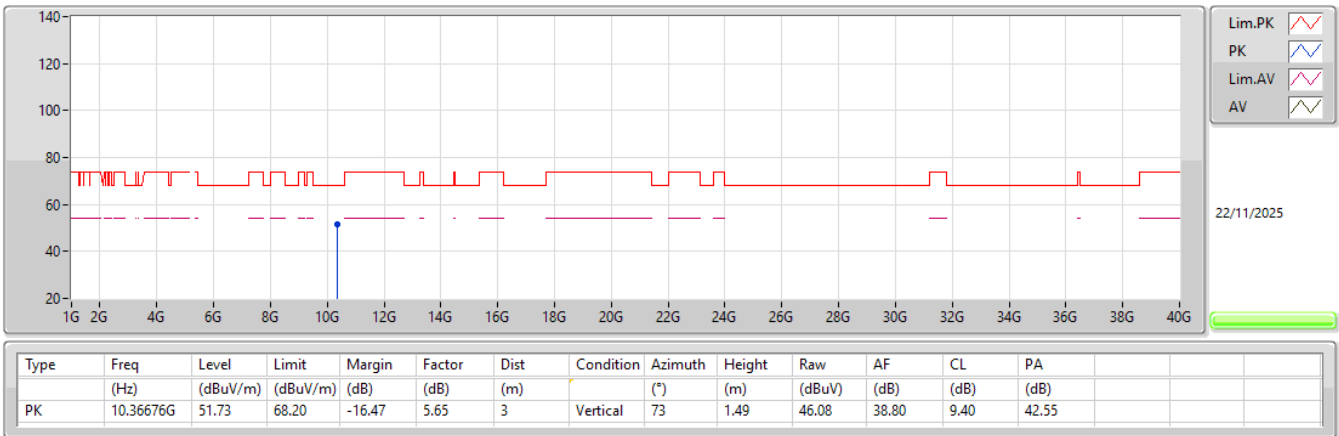
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5180MHz_TX



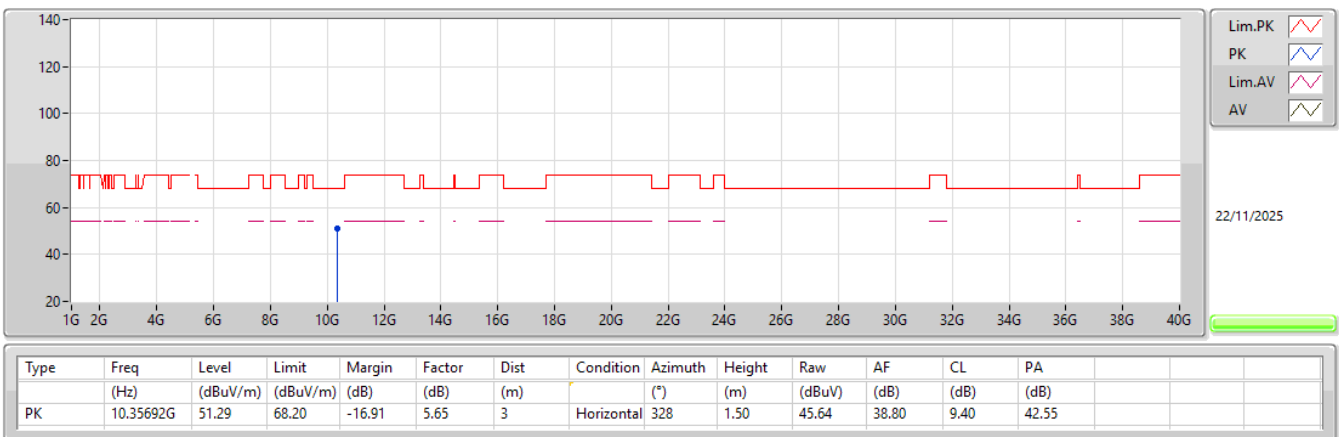
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5180MHz_TX



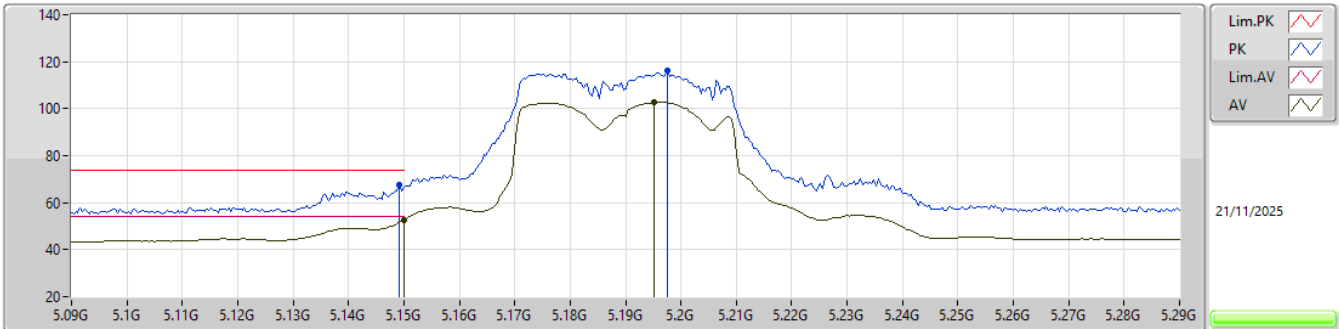
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5180MHz_TX



5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

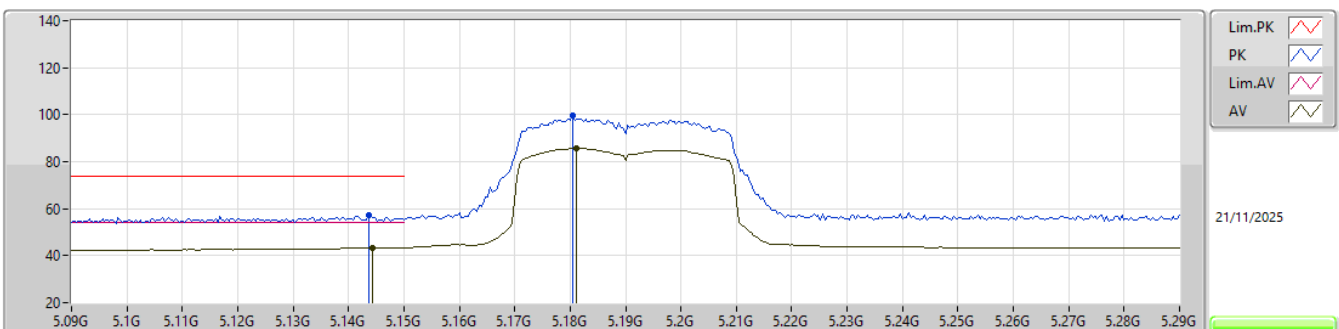
5190MHz_TX



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	5.15G	52.69	54.00	-1.31	2.54	3	Vertical	205	2.27	50.15	33.40	6.67	37.53
AV	5.1952G	102.71	Inf	-Inf	2.67	3	Vertical	205	2.27	100.04	33.49	6.71	37.53
PK	5.1492G	67.54	74.00	-6.46	2.53	3	Vertical	205	2.27	65.01	33.40	6.66	37.53
PK	5.1976G	116.11	Inf	-Inf	2.68	3	Vertical	205	2.27	113.43	33.50	6.71	37.53

5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

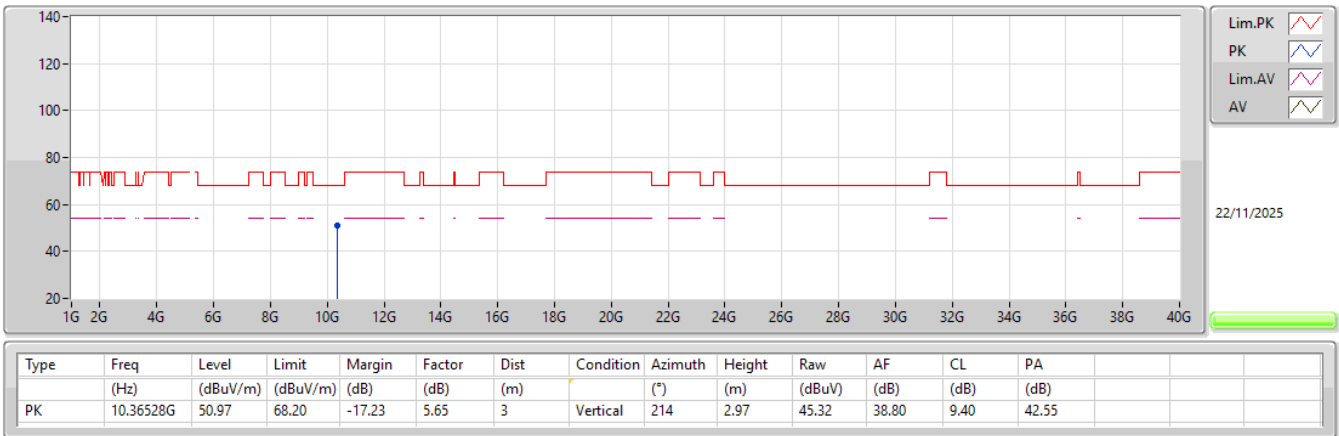
5190MHz_TX



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	5.1444G	43.25	54.00	-10.75	2.51	3	Horizontal	159	1.00	40.74	33.38	6.66	37.53
AV	5.1812G	85.61	Inf	-Inf	2.62	3	Horizontal	159	1.00	82.99	33.46	6.69	37.53
PK	5.1436G	57.07	74.00	-16.93	2.50	3	Horizontal	159	1.00	54.57	33.37	6.66	37.53
PK	5.1804G	99.49	Inf	-Inf	2.62	3	Horizontal	159	1.00	96.87	33.46	6.69	37.53

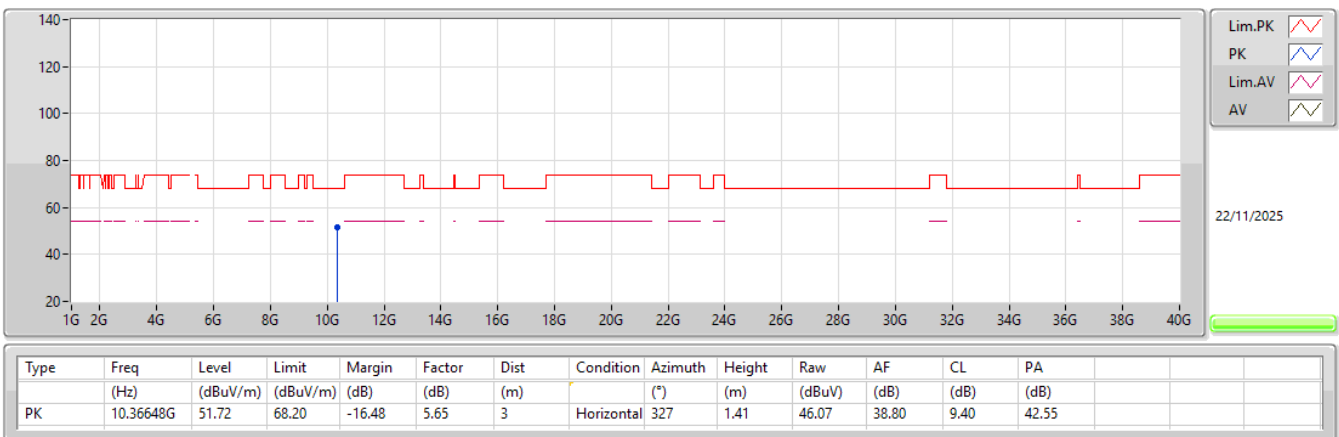
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5190MHz_TX



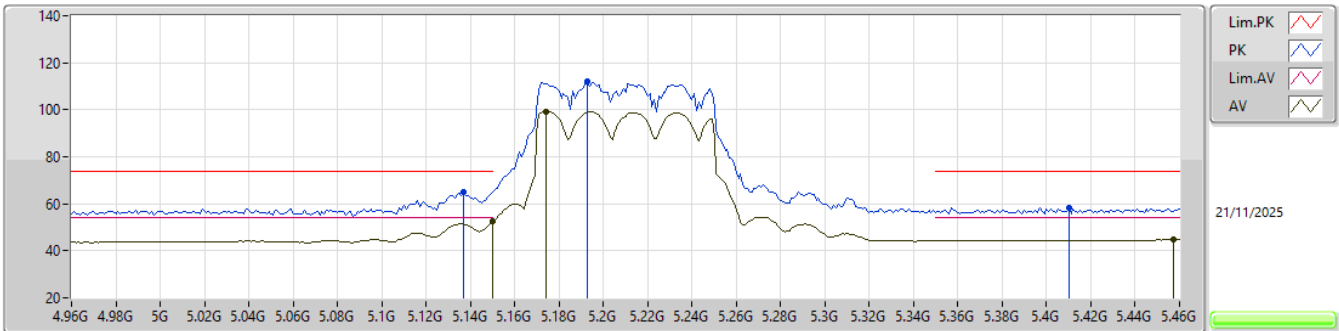
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5190MHz_TX



5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

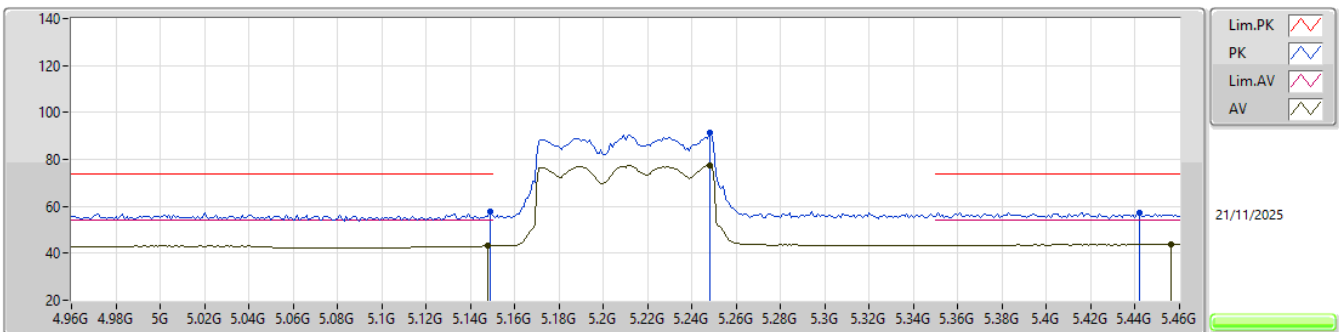
5210MHz_TX



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	5.15G	52.46	54.00	-1.54	2.54	3	Vertical	188	2.34	49.92	33.40	6.67	37.53
AV	5.174G	99.25	Inf	-Inf	2.61	3	Vertical	188	2.34	96.64	33.45	6.69	37.53
AV	5.457G	44.82	54.00	-9.18	2.43	3	Vertical	188	2.34	42.39	33.21	6.76	37.54
PK	5.137G	65.03	74.00	-8.97	2.47	3	Vertical	188	2.34	62.56	33.35	6.65	37.53
PK	5.193G	112.06	Inf	-Inf	2.66	3	Vertical	188	2.34	109.40	33.49	6.70	37.53
PK	5.41G	58.40	74.00	-15.60	2.37	3	Vertical	188	2.34	56.03	33.20	6.71	37.54

5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

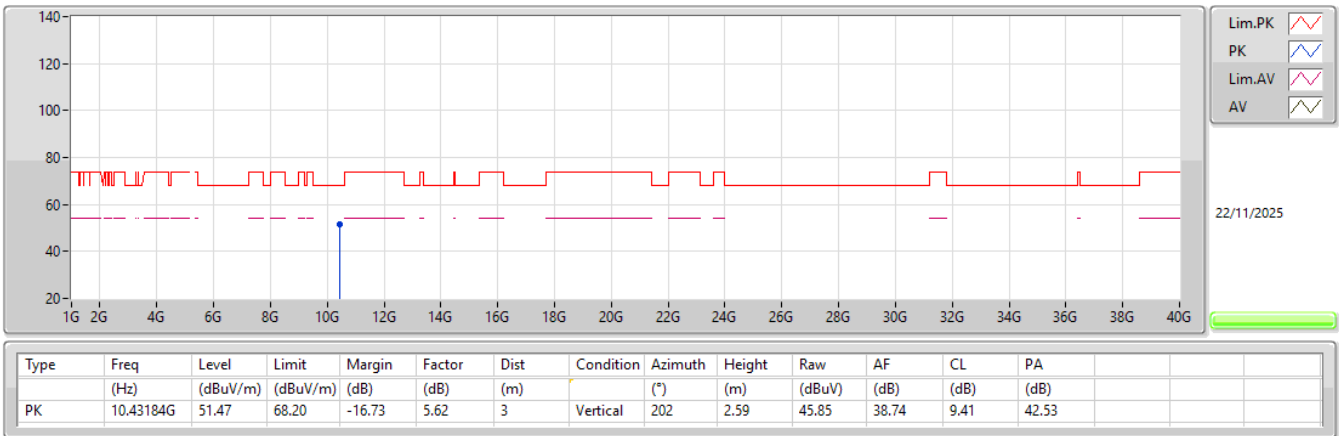
5210MHz_TX



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	5.148G	43.10	54.00	-10.90	2.52	3	Horizontal	45	1.50	40.58	33.39	6.66	37.53
AV	5.248G	77.53	Inf	-Inf	2.49	3	Horizontal	45	1.50	75.04	33.31	6.71	37.53
AV	5.456G	43.74	54.00	-10.26	2.43	3	Horizontal	45	1.50	41.31	33.21	6.76	37.54
PK	5.149G	57.54	74.00	-16.46	2.53	3	Horizontal	45	1.50	55.01	33.40	6.66	37.53
PK	5.248G	91.46	Inf	-Inf	2.49	3	Horizontal	45	1.50	88.97	33.31	6.71	37.53
PK	5.442G	57.47	74.00	-16.53	2.40	3	Horizontal	45	1.50	55.07	33.20	6.74	37.54

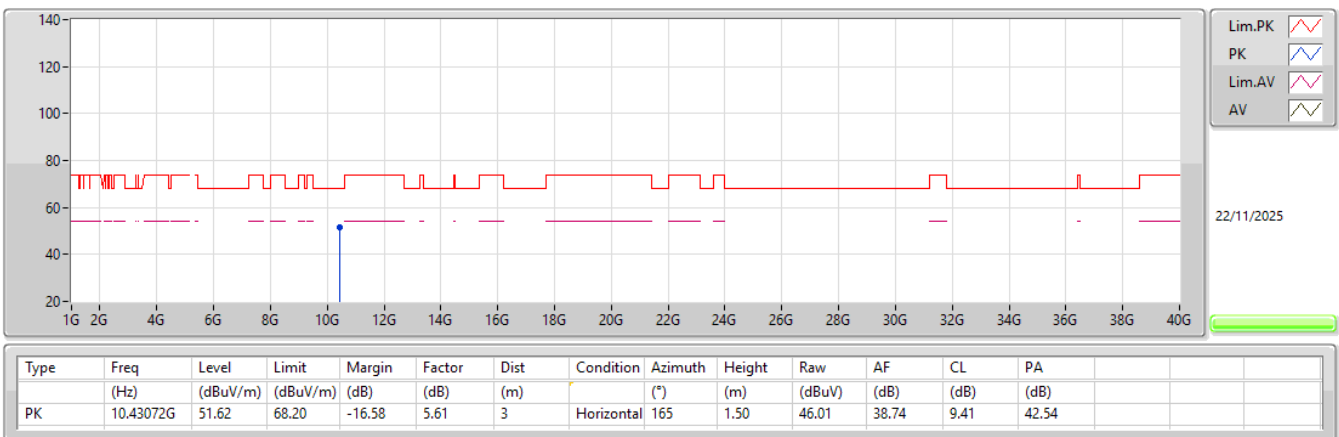
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5210MHz_TX



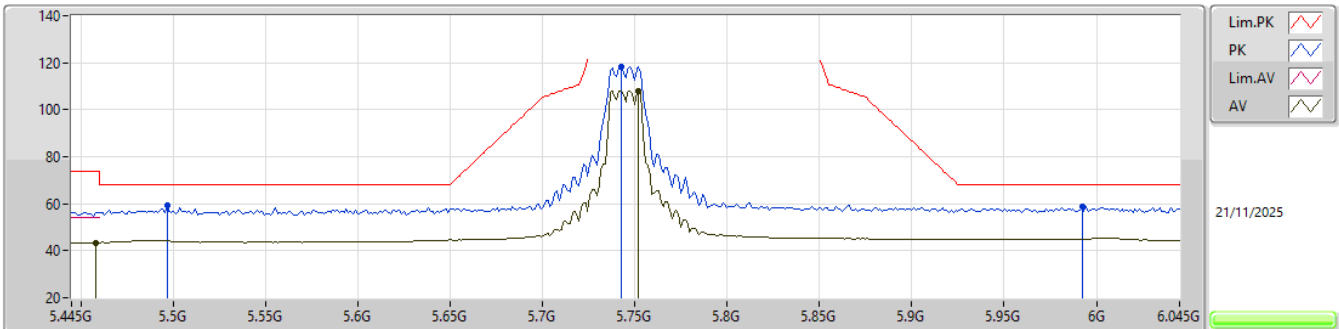
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5210MHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

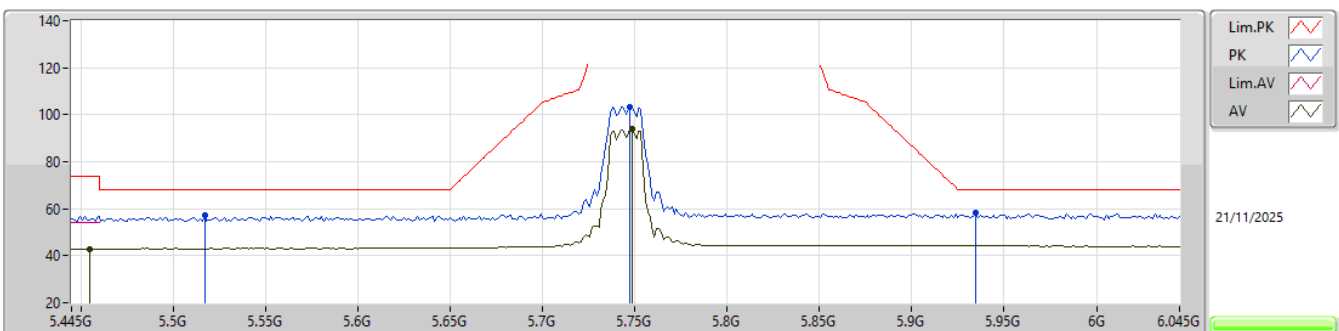
5745MHz_TX



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	5.4582G	43.50	54.00	-10.50	2.44	3	Vertical	18	1.50	41.06	33.22	6.76	37.54
AV	5.7522G	108.18	Inf	-Inf	3.86	3	Vertical	18	1.50	104.32	34.11	7.20	37.45
PK	5.4966G	59.14	68.20	-9.06	2.55	3	Vertical	18	1.50	56.59	33.29	6.80	37.54
PK	5.7426G	118.15	Inf	-Inf	3.78	3	Vertical	18	1.50	114.37	34.06	7.18	37.46
PK	5.9922G	58.81	68.20	-9.39	3.32	3	Vertical	18	1.50	55.49	34.32	6.37	37.37

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

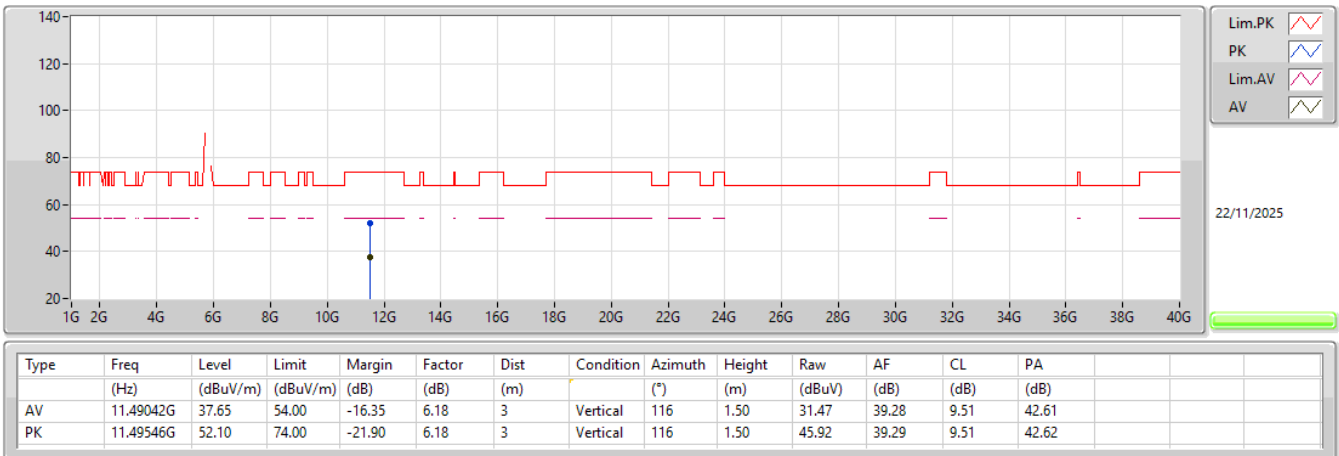
5745MHz_TX



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	5.4546G	42.98	54.00	-11.02	2.42	3	Horizontal	120	1.13	40.56	33.21	6.75	37.54
AV	5.7486G	93.76	Inf	-Inf	3.82	3	Horizontal	120	1.13	89.94	34.09	7.19	37.46
PK	5.517G	57.34	68.20	-10.86	2.62	3	Horizontal	120	1.13	54.72	33.33	6.82	37.53
PK	5.7474G	103.49	Inf	-Inf	3.81	3	Horizontal	120	1.13	99.68	34.08	7.19	37.46
PK	5.9346G	58.49	68.20	-9.71	3.68	3	Horizontal	120	1.13	54.81	34.43	6.64	37.39

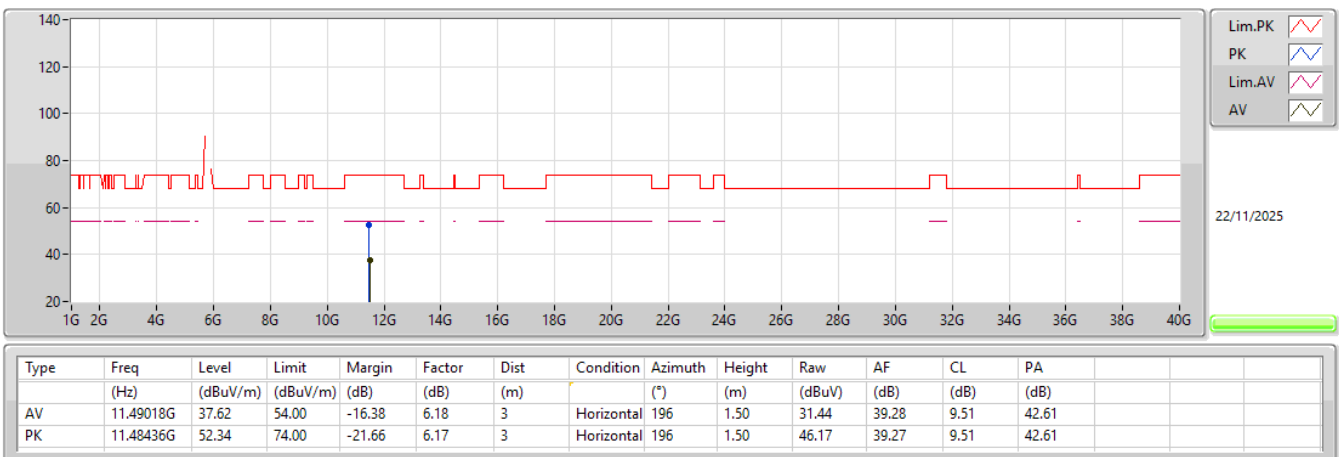
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



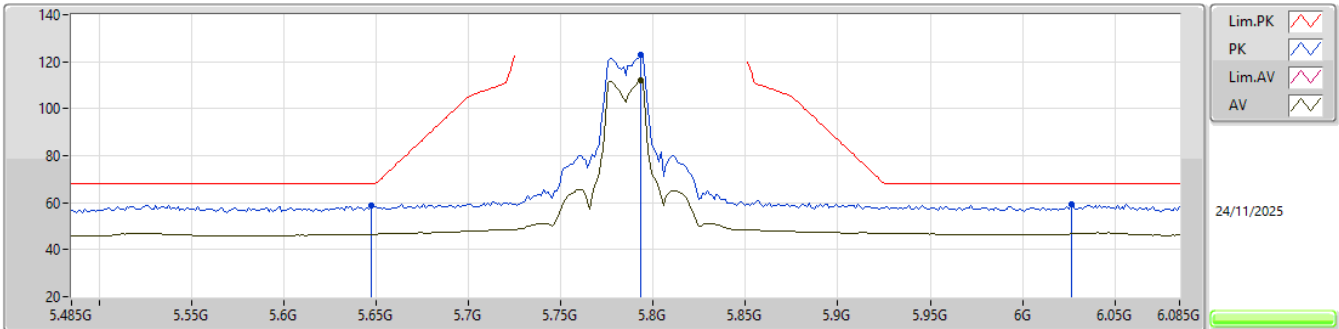
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

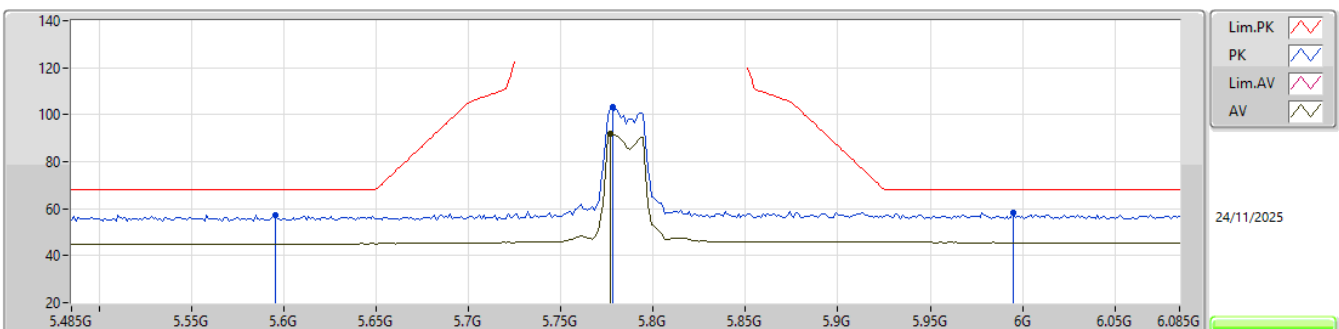
5785MHz_TX



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	5.7934G	111.83	Inf	-Inf	4.20	3	Vertical	172	1.50	107.63	34.36	7.28	37.44
PK	5.647G	59.01	68.20	-9.19	3.09	3	Vertical	172	1.50	55.92	33.59	6.99	37.49
PK	5.7934G	122.98	Inf	-Inf	4.20	3	Vertical	172	1.50	118.78	34.36	7.28	37.44
PK	6.0262G	59.55	68.20	-8.65	3.28	3	Vertical	172	1.50	56.27	34.30	6.35	37.37

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

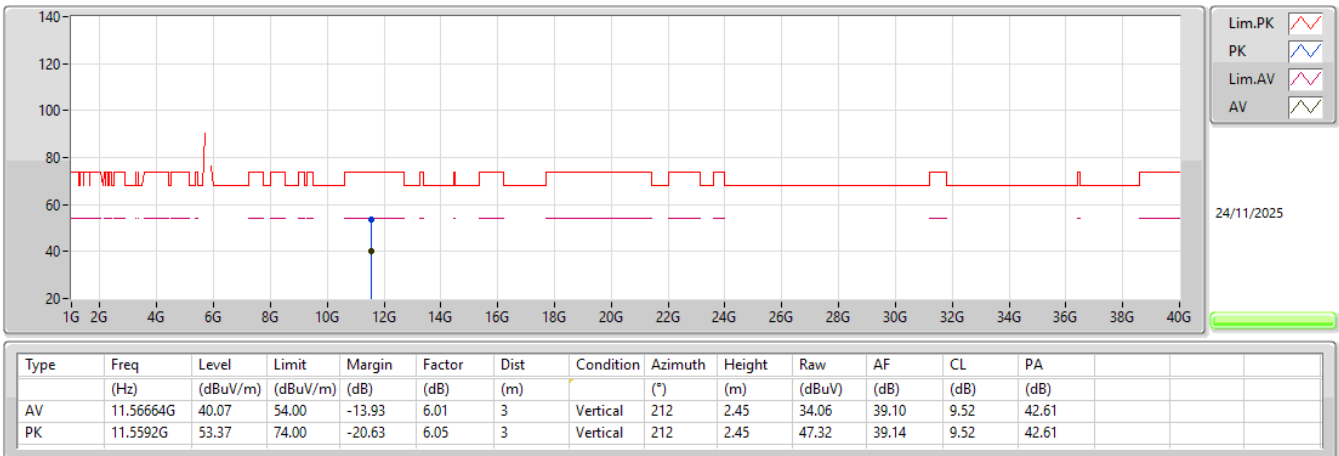
5785MHz_TX



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	5.7766G	91.72	Inf	-Inf	4.05	3	Horizontal	132	1.52	87.67	34.26	7.24	37.45
PK	5.5954G	57.35	68.20	-10.85	2.79	3	Horizontal	132	1.52	54.56	33.40	6.90	37.51
PK	5.7778G	103.51	Inf	-Inf	4.07	3	Horizontal	132	1.52	99.44	34.27	7.25	37.45
PK	5.995G	58.45	68.20	-9.75	3.29	3	Horizontal	132	1.52	55.16	34.31	6.35	37.37

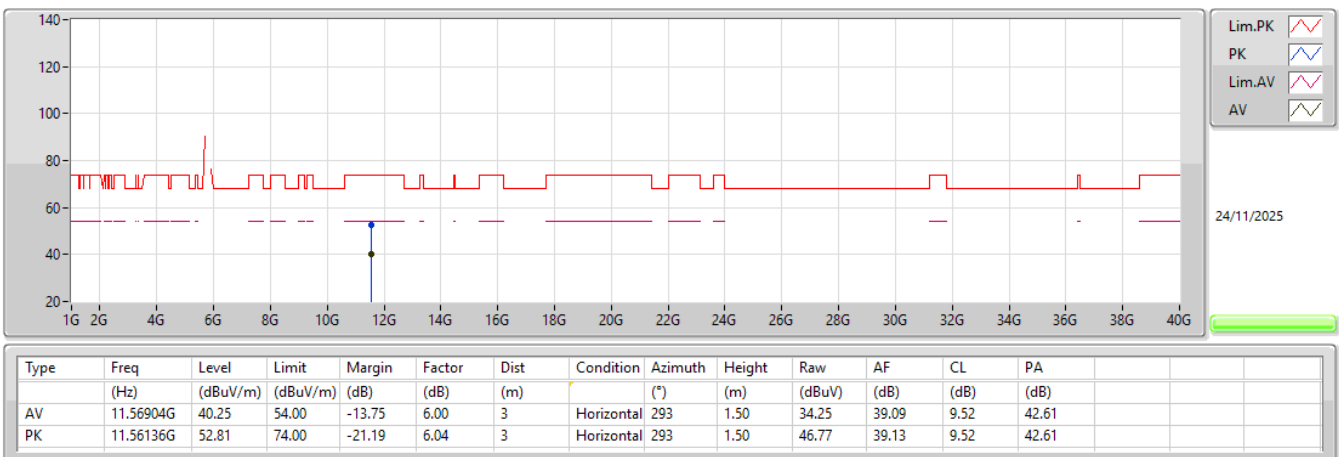
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5785MHz_TX



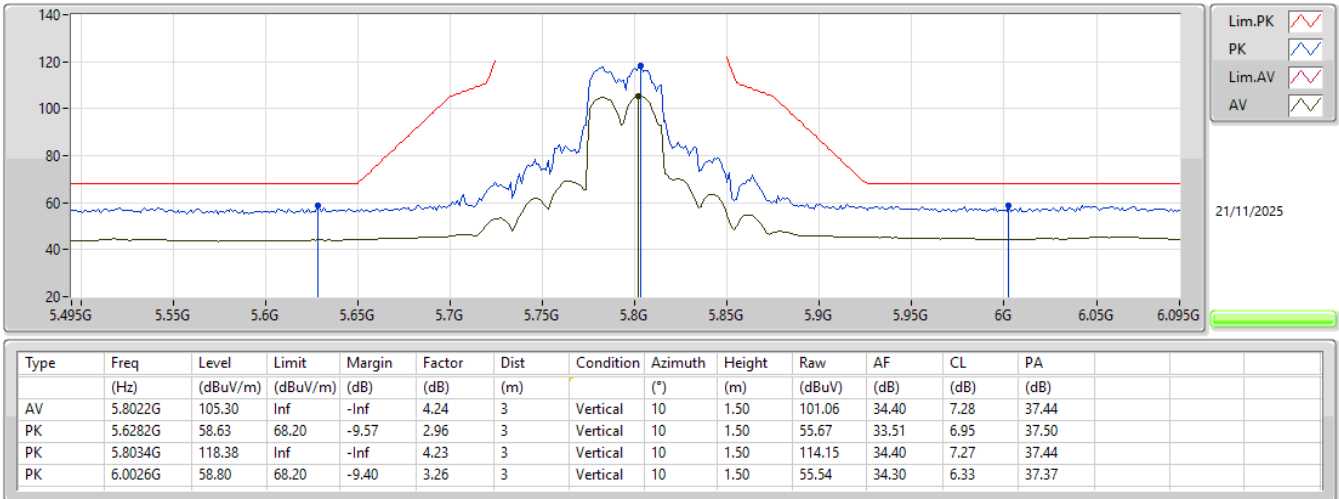
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5785MHz_TX



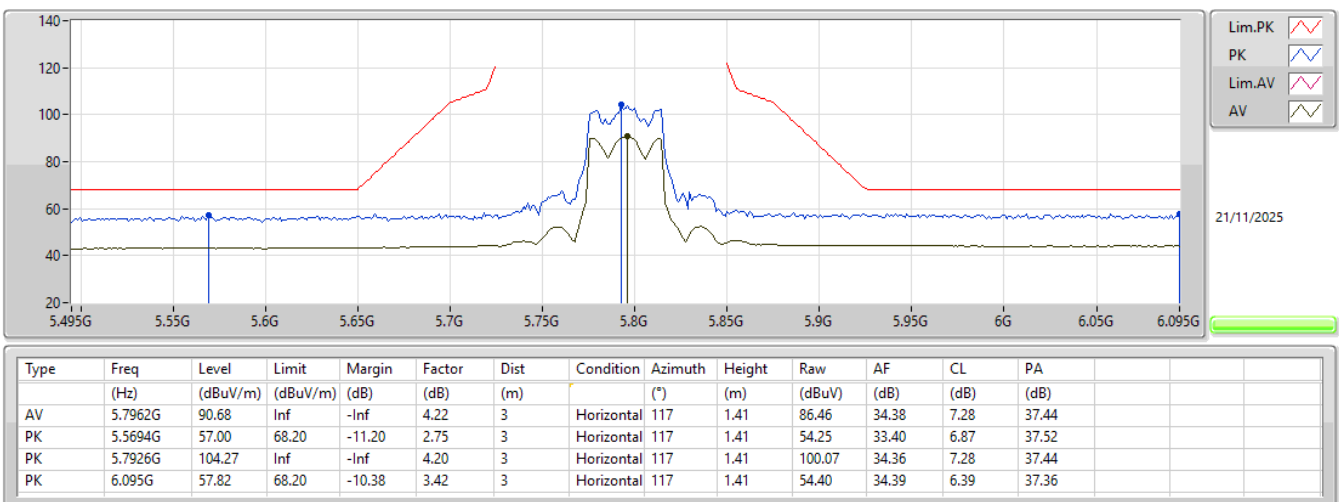
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5795MHz_TX



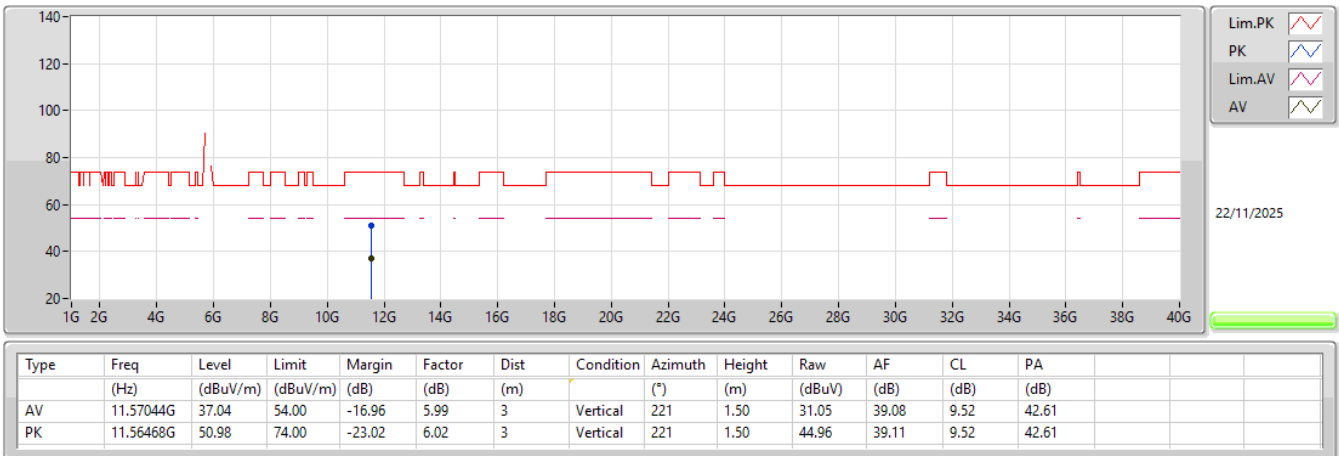
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5795MHz_TX



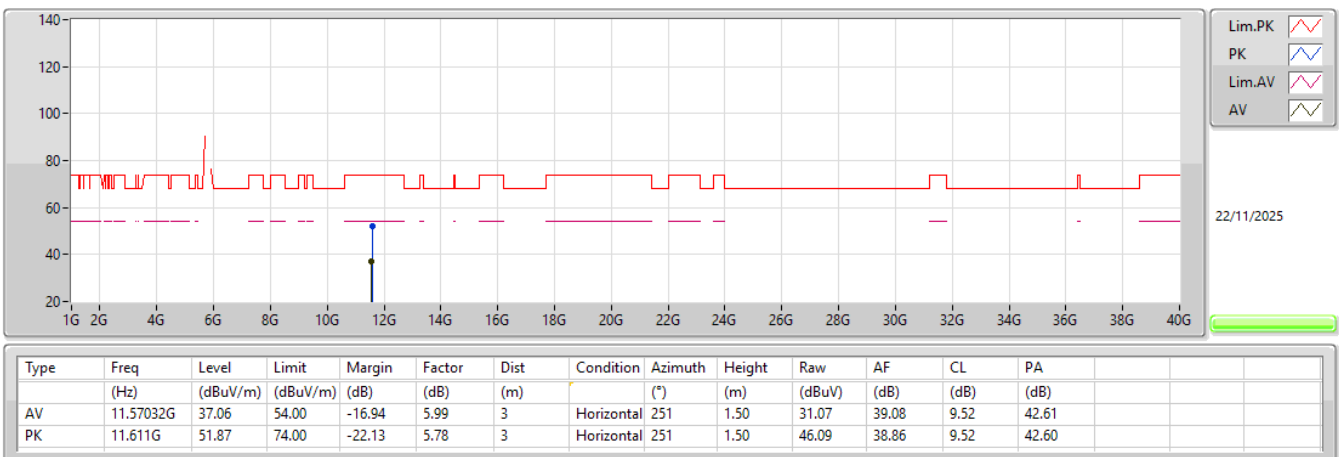
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5795MHz_TX



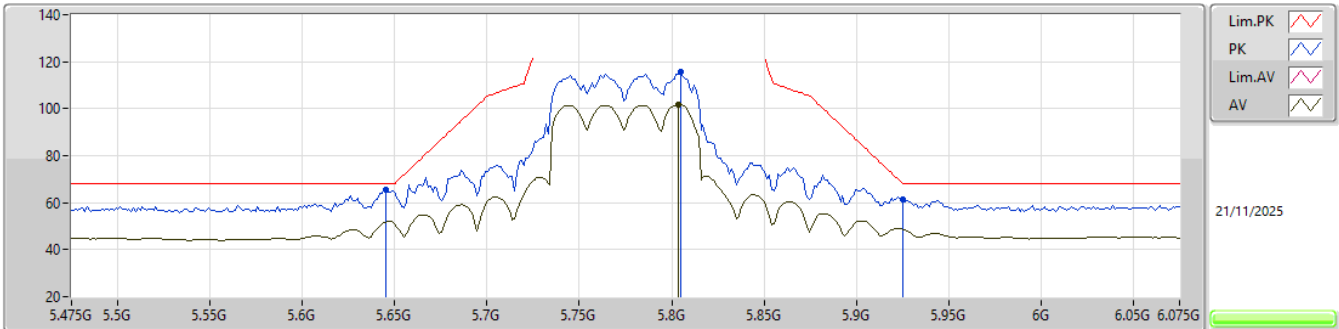
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5795MHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

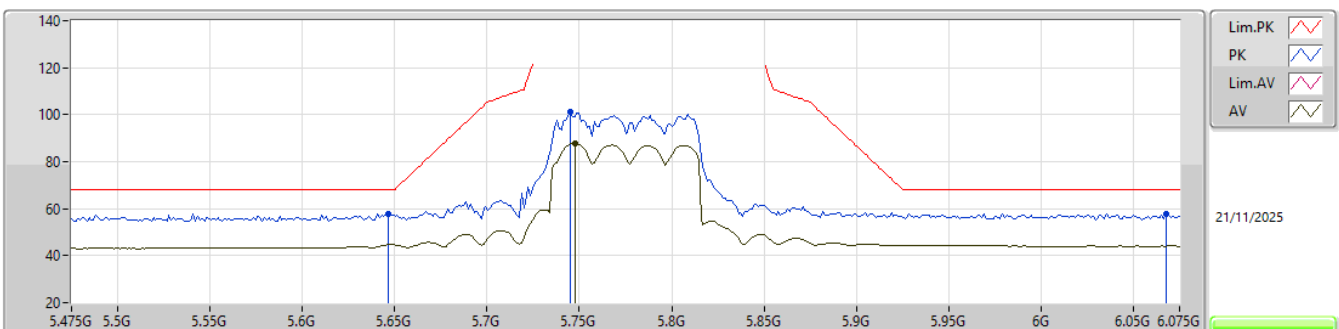
5775MHz_TX



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	5.8038G	101.80	Inf	-Inf	4.23	3	Vertical	18	1.50	97.57	34.40	7.27	37.44
PK	5.6454G	65.31	68.20	-2.89	3.08	3	Vertical	18	1.50	62.23	33.58	6.99	37.49
PK	5.805G	115.59	Inf	-Inf	4.23	3	Vertical	18	1.50	111.36	34.40	7.27	37.44
PK	5.925G	61.56	68.20	-6.64	3.74	3	Vertical	18	1.50	57.82	34.45	6.69	37.40

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

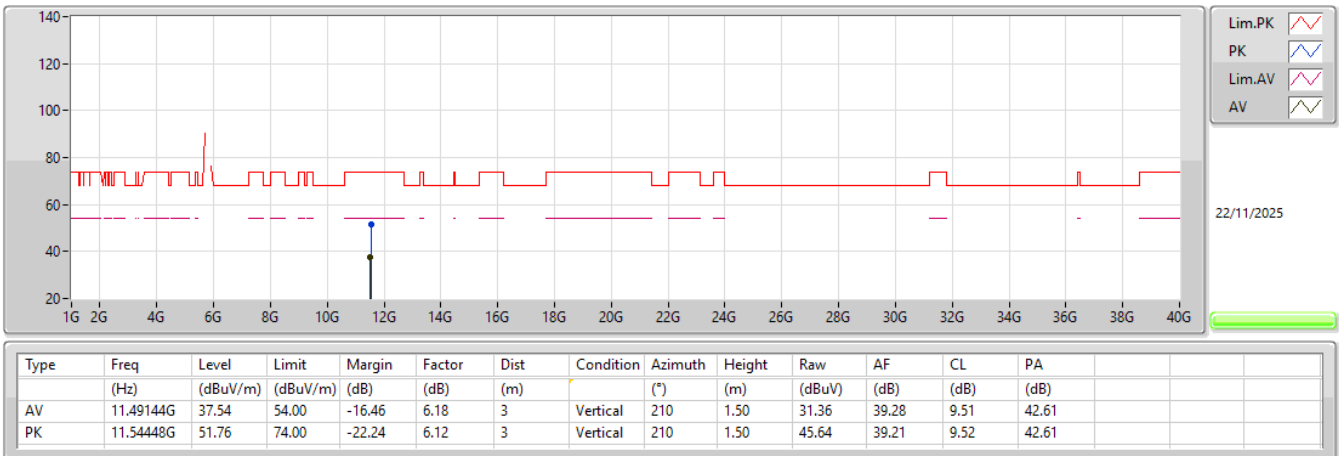
5775MHz_TX



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	5.7474G	87.86	Inf	-Inf	3.81	3	Horizontal	119	1.14	84.05	34.08	7.19	37.46
PK	5.6466G	57.72	68.20	-10.48	3.09	3	Horizontal	119	1.14	54.63	33.59	6.99	37.49
PK	5.745G	101.16	Inf	-Inf	3.79	3	Horizontal	119	1.14	97.37	34.07	7.18	37.46
PK	6.0678G	57.90	68.20	-10.30	3.35	3	Horizontal	119	1.14	54.55	34.34	6.37	37.36

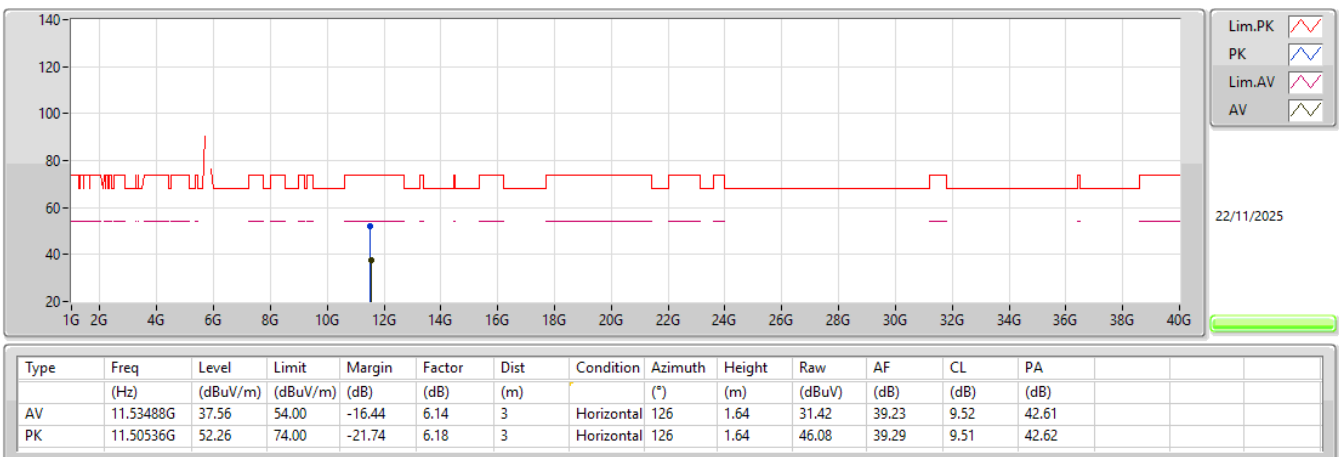
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_TX





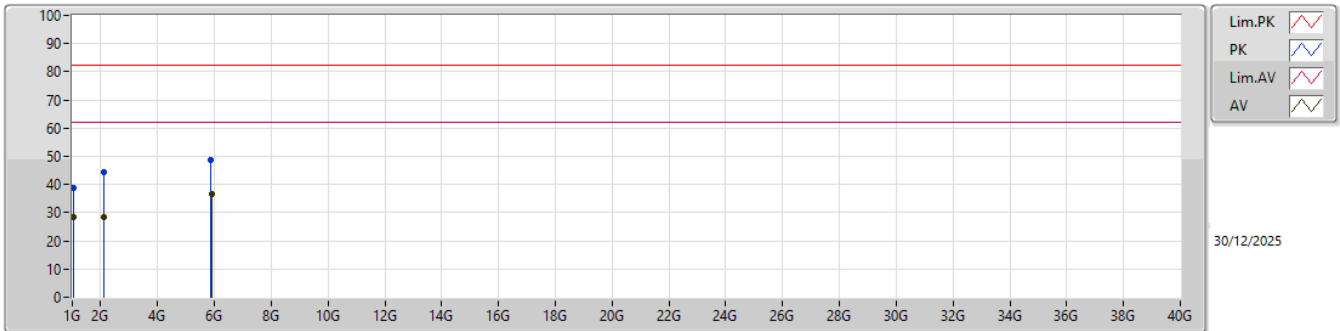
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	4.88548G	41.19	62.20	-21.01	Horizontal

Result

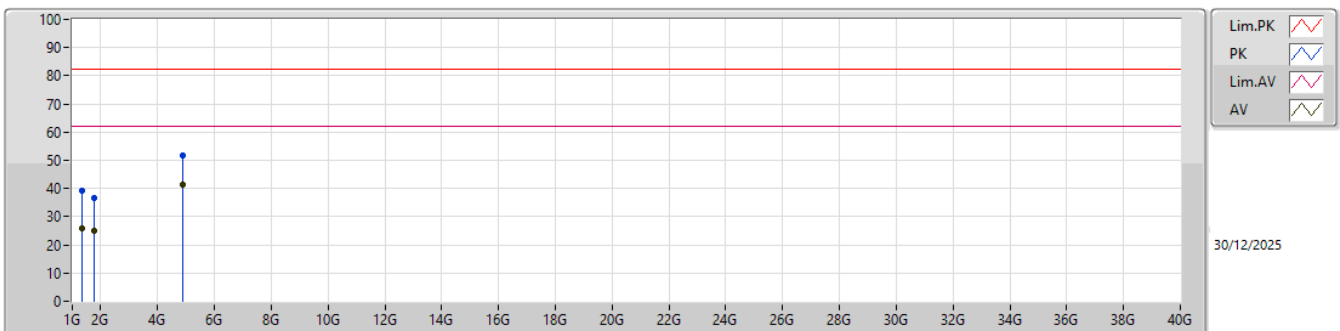
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.06403G	28.58	62.20	-33.62	3	Vertical	80	2.17
Mode 1	Pass	AV	2.12606G	28.29	62.20	-33.91	3	Vertical	171	1.50
Mode 1	Pass	AV	5.893G	36.79	62.20	-25.41	3	Vertical	63	1.49
Mode 1	Pass	PK	1.05461G	38.88	82.20	-43.32	3	Vertical	80	2.17
Mode 1	Pass	PK	2.12462G	44.45	82.20	-37.75	3	Vertical	171	1.50
Mode 1	Pass	PK	5.8846G	48.56	82.20	-33.64	3	Vertical	63	1.49
Mode 1	Pass	AV	1.32808G	25.76	62.20	-36.44	3	Horizontal	0	1.29
Mode 1	Pass	AV	1.7557G	24.90	62.20	-37.30	3	Horizontal	168	2.04
Mode 1	Pass	AV	4.88548G	41.19	62.20	-21.01	3	Horizontal	282	1.03
Mode 1	Pass	PK	1.32886G	39.16	82.20	-43.04	3	Horizontal	0	1.29
Mode 1	Pass	PK	1.75852G	36.50	82.20	-45.70	3	Horizontal	168	2.04
Mode 1	Pass	PK	4.87564G	51.81	82.20	-30.39	3	Horizontal	282	1.03

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.06403G	28.58	62.20	-33.62	-7.38	3	Vertical	80	2.17	35.96	25.10	2.80	35.28
AV	2.12606G	28.29	62.20	-33.91	-2.95	3	Vertical	171	1.50	31.24	27.64	3.98	34.57
AV	5.893G	36.79	62.20	-25.41	6.82	3	Vertical	63	1.49	29.97	34.37	7.06	34.61
PK	1.05461G	38.88	82.20	-43.32	-7.42	3	Vertical	80	2.17	46.30	25.10	2.78	35.30
PK	2.12462G	44.45	82.20	-37.75	-2.93	3	Vertical	171	1.50	47.38	27.65	3.98	34.56
PK	5.8846G	48.56	82.20	-33.64	6.81	3	Vertical	63	1.49	41.75	34.34	7.07	34.60

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.32808G	25.76	62.20	-36.44	-5.75	3	Horizontal	0	1.29	31.51	26.02	3.10	34.87
AV	1.7557G	24.90	62.20	-37.30	-5.78	3	Horizontal	168	2.04	30.68	25.20	3.58	34.56
AV	4.88548G	41.19	62.20	-21.01	4.55	3	Horizontal	282	1.03	36.64	32.81	6.37	34.63
PK	1.32886G	39.16	82.20	-43.04	-5.76	3	Horizontal	0	1.29	44.92	26.01	3.10	34.87
PK	1.75852G	36.50	82.20	-45.70	-5.78	3	Horizontal	168	2.04	42.28	25.20	3.58	34.56
PK	4.87564G	51.81	82.20	-30.39	4.48	3	Horizontal	282	1.03	47.33	32.75	6.36	34.63