

FCC Radio Test Report

FCC ID : PPQ-WRB8326
Equipment : Wi-Fi 7 Tri-Band Mesh Router
Brand Name : LITEON
Model Name : WRB8326A, WRB8326B, WRB8326C, WRB8326D
Applicant : LITE-ON TECHNOLOGY CORP.
Bldg. C, 90, Chien 1 Road, Chung Ho, New Taipei City
23585, Taiwan, R.O.C.
Manufacturer : LITE-ON TECHNOLOGY CORP.
Bldg. C, 90, Chien 1 Road, Chung Ho, New Taipei City
23585, Taiwan, R.O.C.
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 29, 2024, and testing was started from Sep. 06, 2024 and completed on Oct. 05, 2024. 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 C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. 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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Table of Contents

HISTORY OF THIS TEST REPORT	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Information.....	5
1.2 Testing Applied Standards	10
1.3 Testing Location Information	10
1.4 Measurement Uncertainty	11
2 TEST CONFIGURATION OF EUT.....	12
2.1 Test Channel Mode	12
2.2 The Worst Case Measurement Configuration.....	16
2.3 Accessories	17
2.4 Support Equipment.....	17
2.5 Test Setup Diagram	18
3 TRANSMITTER TEST RESULT	20
3.1 AC Power-line Conducted Emissions	20
3.2 Emission Bandwidth	22
3.3 Maximum Conducted Output Power	23
3.4 Peak Power Spectral Density.....	25
3.5 Unwanted Emissions.....	27
4 TEST EQUIPMENT AND CALIBRATION DATA	31
APPENDIX A. TEST RESULTS OF AC POWER-LINE CONDUCTED EMISSIONS	
APPENDIX B. TEST RESULTS OF EMISSION BANDWIDTH	
APPENDIX C. TEST RESULTS OF MAXIMUM CONDUCTED OUTPUT POWER	
APPENDIX D. TEST RESULTS OF PEAK POWER SPECTRAL DENSITY	
APPENDIX E. TEST RESULTS OF UNWANTED EMISSIONS	
APPENDIX F. TEST RESULTS OF RADIATED EMISSION CO-LOCATION	
APPENDIX G. TEST PHOTOS	
PHOTOGRAPHS OF EUT V01	

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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: Ben Tseng

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
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20), be(EHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40), be(EHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80), be(EHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160), be(EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.15-5.25GHz	802.11be EHT20	20	2TX
5.25-5.35GHz	802.11be EHT20	20	2TX
5.47-5.725GHz	802.11be EHT20	20	2TX
5.725-5.85GHz	802.11be EHT20	20	2TX
5.15-5.25GHz	802.11be EHT40	40	2TX
5.25-5.35GHz	802.11be EHT40	40	2TX
5.47-5.725GHz	802.11be EHT40	40	2TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11be EHT40	40	2TX
5.15-5.25GHz	802.11be EHT80	80	2TX
5.25-5.35GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.15-5.25GHz	802.11be EHT160	160	2TX
5.25-5.35GHz	802.11be EHT160	160	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Beamforming

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11be EHT20-BF	20	2TX
5.25-5.35GHz	802.11be EHT20-BF	20	2TX
5.47-5.725GHz	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
5.25-5.35GHz	802.11be EHT40-BF	40	2TX
5.47-5.725GHz	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
5.25-5.35GHz	802.11be EHT80-BF	80	2TX
5.47-5.725GHz	802.11be EHT80-BF	80	2TX
5.725-5.85GHz	802.11be EHT80-BF	80	2TX
5.15-5.25GHz	802.11be EHT160-BF	160	2TX
5.25-5.35GHz	802.11be EHT160-BF	160	2TX
5.47-5.725GHz	802.11be EHT160-BF	160	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Remark
1	LITEON	20301-002000A000	PIFA	I-Pex	2.4G+5G	-
2	LITEON	20301-002020A000	PIFA	I-Pex	2.4G+5G	-
3	LITEON	20301-002030A000	Monopole	I-Pex	6G	-
4	LITEON	20301-002040A000	Monopole	I-Pex	6G	-
5	LITEON	20301-002010A000	Dipole	I-Pex	BT/Zigbee/Thread	-

Ant.	Port	Gain (dBi)						
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5~8	BT/Zigbee/Thread
1	1	2.35	2.35	2.46	3.44	3.72	-	-
2	2	2.33	2.51	2.18	3.35	3.43	-	-
3	1	-	-	-	-	-	3.19	-
4	2	-	-	-	-	-	3.7	-
5	1	-	-	-	-	-	-	4.67

Composite Gain (dBi)						
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	
DG [1SS]	2.69	4.1	4.57	5.27	4.74	
DG [2SS]	2.35	2.51	2.46	3.44	3.72	

Note 1: The EUT has five antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP482702.

For 2.4GHz function:

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

Ant. 1 (port 1) and Ant. 2 (port 2) could receive simultaneously.

For 5GHz function:

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

Ant. 1 (port 1) and Ant. 2 (port 2) could receive simultaneously.

For 6GHz function:

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

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

For BT function:

For IEEE 802.15.1 mode (1TX/1RX)

Ant. 5 could transmit/receive.

For Zigbee/Thread function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 5 could transmit/receive.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter		
EUT Function	☐ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
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)	
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	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (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	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (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	SKU	5GE	2.5GE	USB 2.0	IoT(2.4G)
LITEON	WRB8326A	SKU 1	V	V	V	V
	WRB8326B	SKU 2	V	V	-	V
	WRB8326C	SKU 3	V	-	-	V
	WRB8326D	SKU 4	-	V	-	V

From the above models, model: WRB8326A was selected as representative model for the test and its data was recorded in this report.

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 C63.10-2013
- ♦ KDB 789033 D02 v02r01

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ 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	Simon Cheng	22.3~23.5°C / 54~58%	05/Oct/2024
☒ 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
RF Conducted	TH06-HY	Johnny Yu	23.5~23.8°C / 57~60%	18/Sep/2024
Radiated_ below 1GHz	03CH24-HY	Lego Lin	20.5~22.1°C / 55~60%	19/Sep/2024
Radiated_ above 1GHz	03CH25-HY	Billy Wang	23.4~24.5°C / 54~58%	06/Sep/2024~15/Sep/2024
Radiated_ Co-location for Mode 1	03CH25-HY	Ivan Chung	23~25°C / 55~56%	25/Sep/2024
Radiated_ Co-location for Mode 2	03CH24-HY	Ivan Chung	21.3~22.1°C / 56~52%	04/Oct/2024

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	Qualcomm Sequence Profiling Resource Version 6.00.00142.1
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Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	22.5
5200MHz	25
5240MHz	25
5260MHz	20.5
5300MHz	20.5
5320MHz	20.5
5500MHz	21.5
5580MHz	21
5700MHz	21
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
5745MHz	25
5785MHz	25
5825MHz	25
802.11be EHT20_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	25
5240MHz	25
5260MHz	20.5
5300MHz	20.5
5320MHz	20.5
5500MHz	21
5580MHz	21
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
5745MHz	25
5785MHz	25



Mode	Power Setting
5825MHz	25
802.11be EHT40_Nss1,(MCS0)_2TX	-
5190MHz	20.5
5230MHz	24.5
5270MHz	20.5
5310MHz	19.5
5510MHz	21.5
5550MHz	21.5
5670MHz	21.5
5710MHz Straddle 5.47-5.725GHz	21.5
5710MHz Straddle 5.725-5.85GHz	21.5
5755MHz	25
5795MHz	25
802.11be EHT80_Nss1,(MCS0)_2TX	-
5210MHz	20.5
5290MHz	20
5530MHz	21.5
5610MHz	21
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21
5775MHz	24.5
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	20.5
5250MHz Straddle 5.25-5.35GHz	20.5
5570MHz	21.5

**Beamforming**

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	25
5240MHz	25
5260MHz	20.5
5300MHz	20.5
5320MHz	20.5
5500MHz	21
5580MHz	21
5700MHz	18.5
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
5745MHz	25
5785MHz	25
5825MHz	25
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	20.5
5230MHz	24.5
5270MHz	20.5
5310MHz	19.5
5510MHz	21.5
5550MHz	21.5
5670MHz	21.5
5710MHz Straddle 5.47-5.725GHz	21.5
5710MHz Straddle 5.725-5.85GHz	21.5
5755MHz	25
5795MHz	25
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	20.5
5290MHz	20
5530MHz	21.5
5610MHz	21
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21



Mode	Power Setting
5775MHz	24.5
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	20.5
5250MHz Straddle 5.25-5.35GHz	20.5
5570MHz	21.5

2.2 The Worst Case Measurement Configuration

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

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	Adapter Mode
Operating Mode > 1GHz	CTX
Orthogonal Planes of EUT	Y Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated measurement Co-location
Operating Mode	CTX
1	WLAN 2.4G + 5G + 6G + Bluetooth
2	WLAN 2.4G + 5G + 6G + 802.15.4
Refer to Sporton Test Report No.: FA482702 for Co-location RF Exposure Evaluation and Appendix F for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
AC Adapter (US)	Brand Name	RISUNIC	Model Name	R0183-1202500US
	Power Rating	I/P: 100 - 240Vac, 1.5A A, O/P:12Vdc, 2.5A		
	Power Cord	1.5 meter, non-shielded cable, with w/o ferrite core		

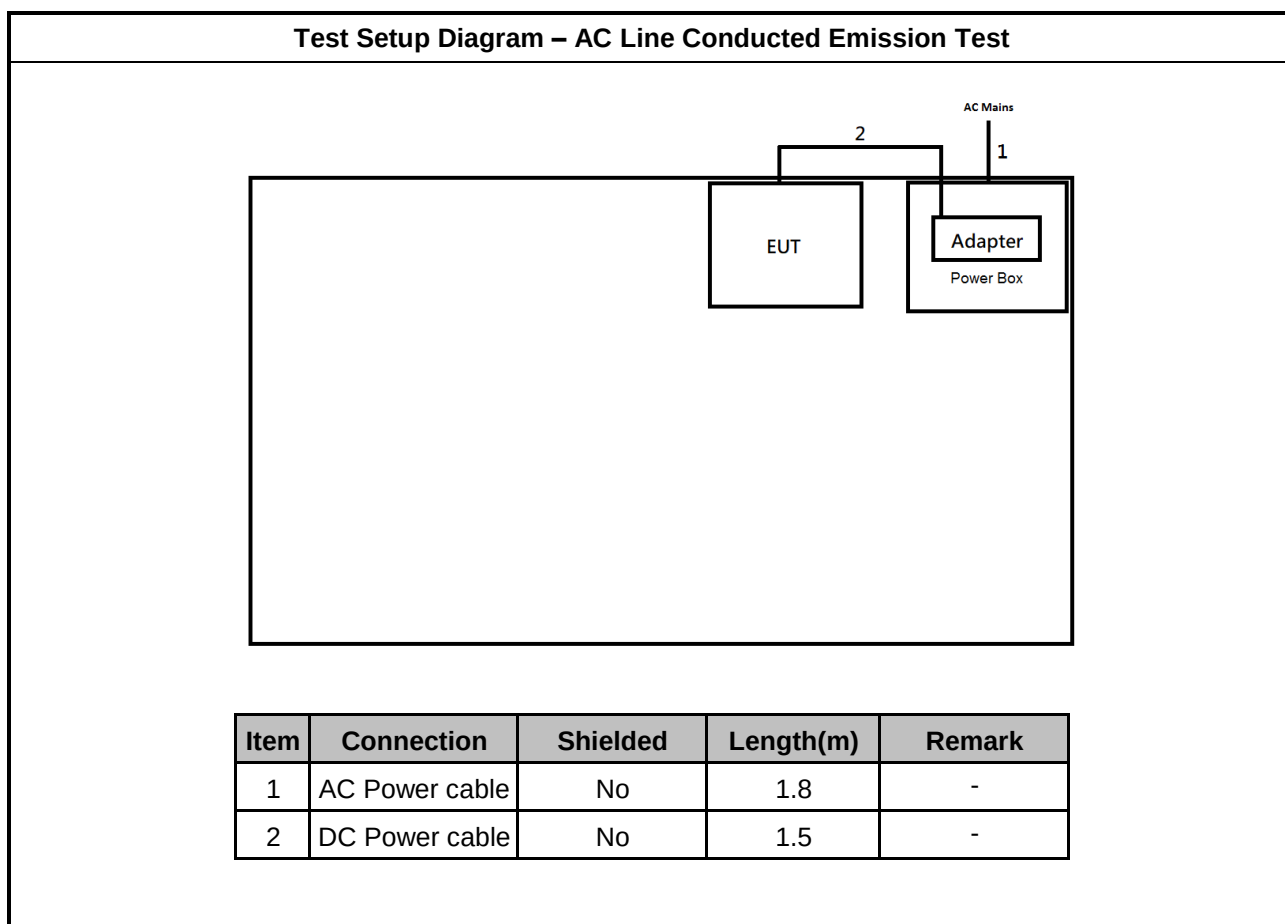
Reminder: Regarding to more detail and other information, please refer to user manual.

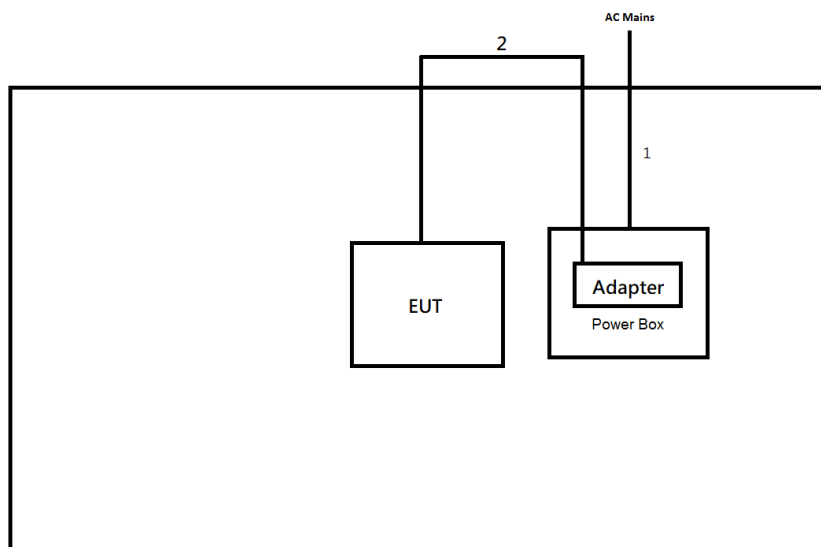
2.4 Support Equipment

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

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power sync	CAT-6E-10	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power 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

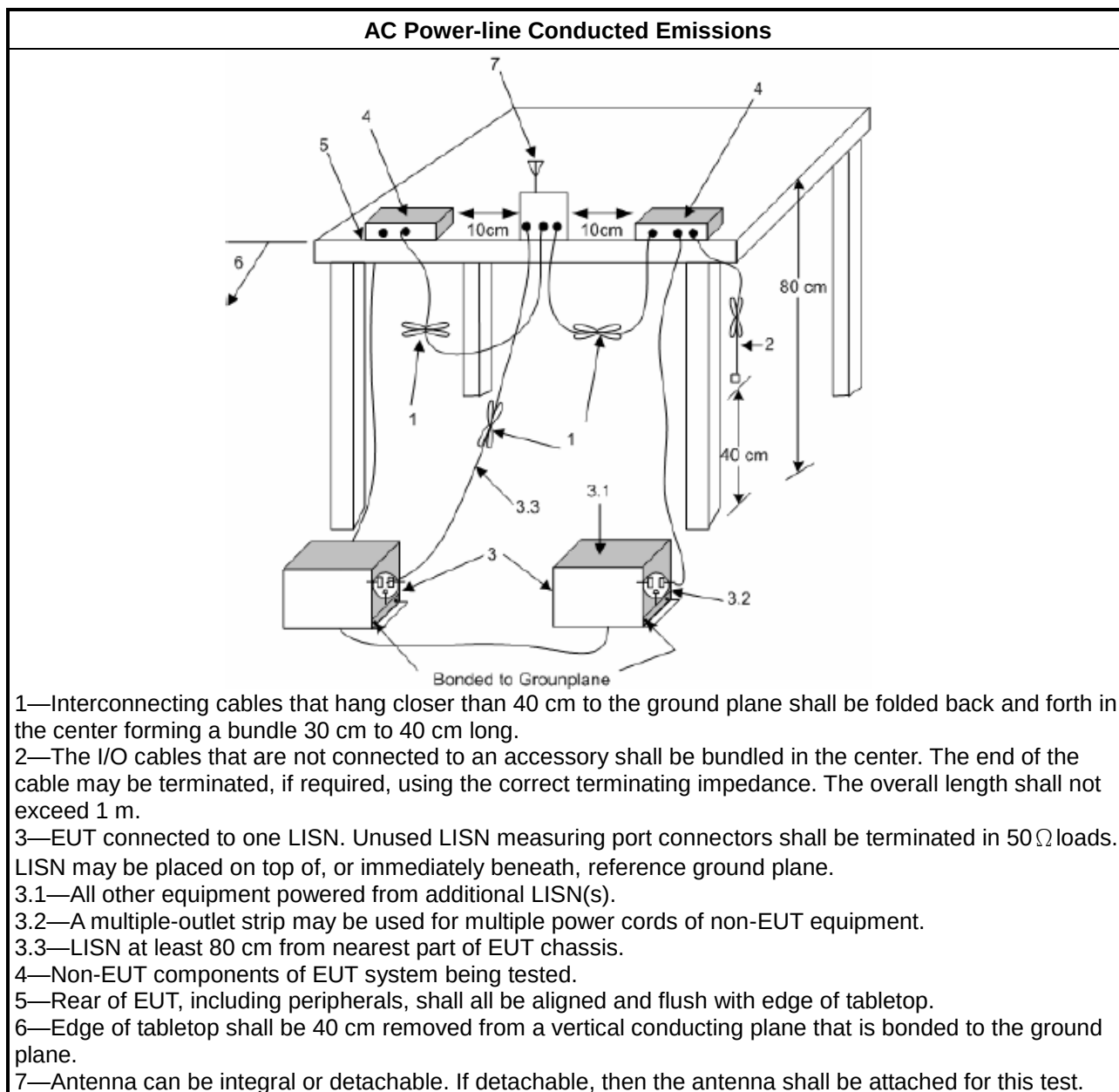
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

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.

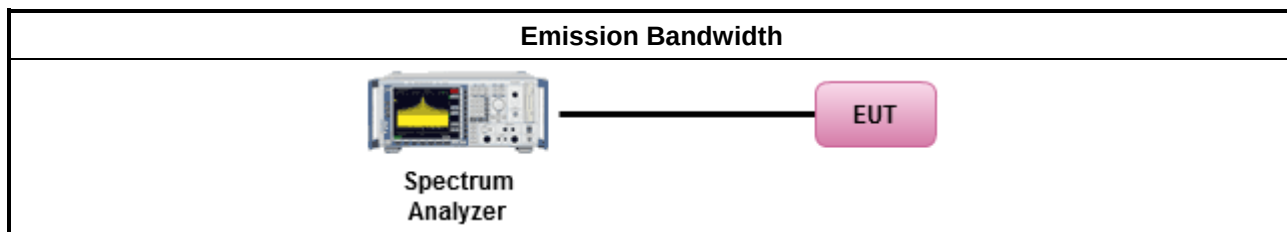
3.2.2 Measuring Instruments

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 ≤ 125 mW [21 dBm]
☐	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

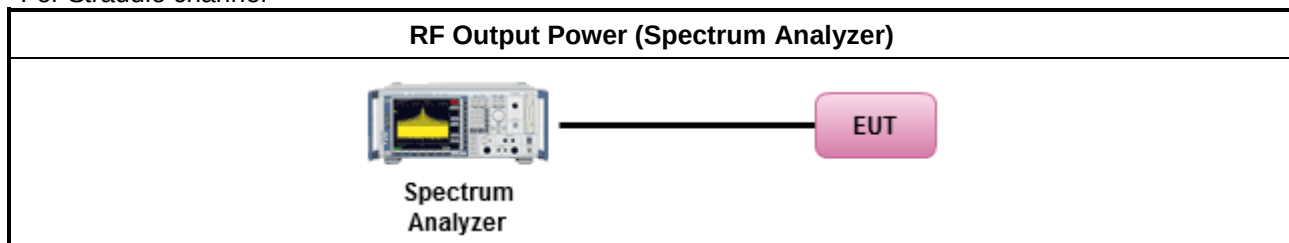
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

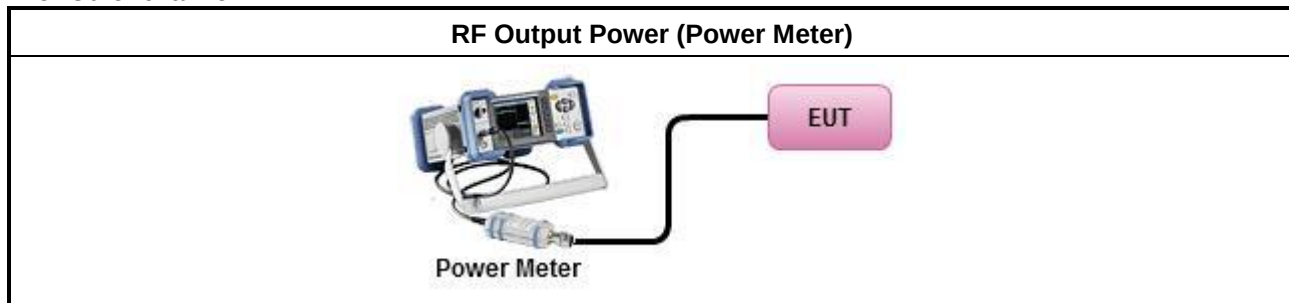
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods 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

For Straddle channel



For Other channel



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.	

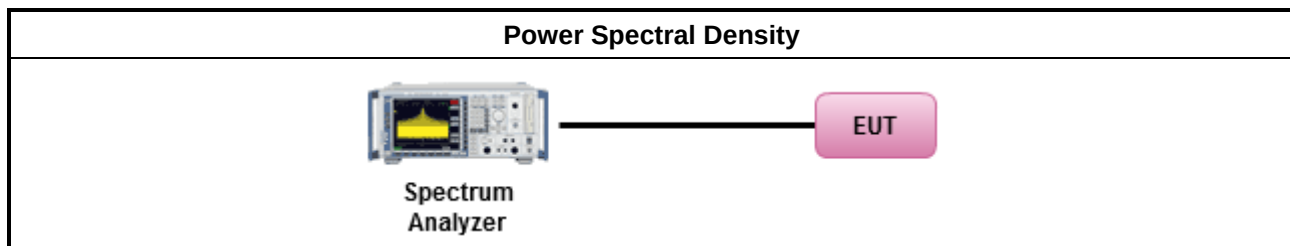
3.4.2 Measuring Instruments

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

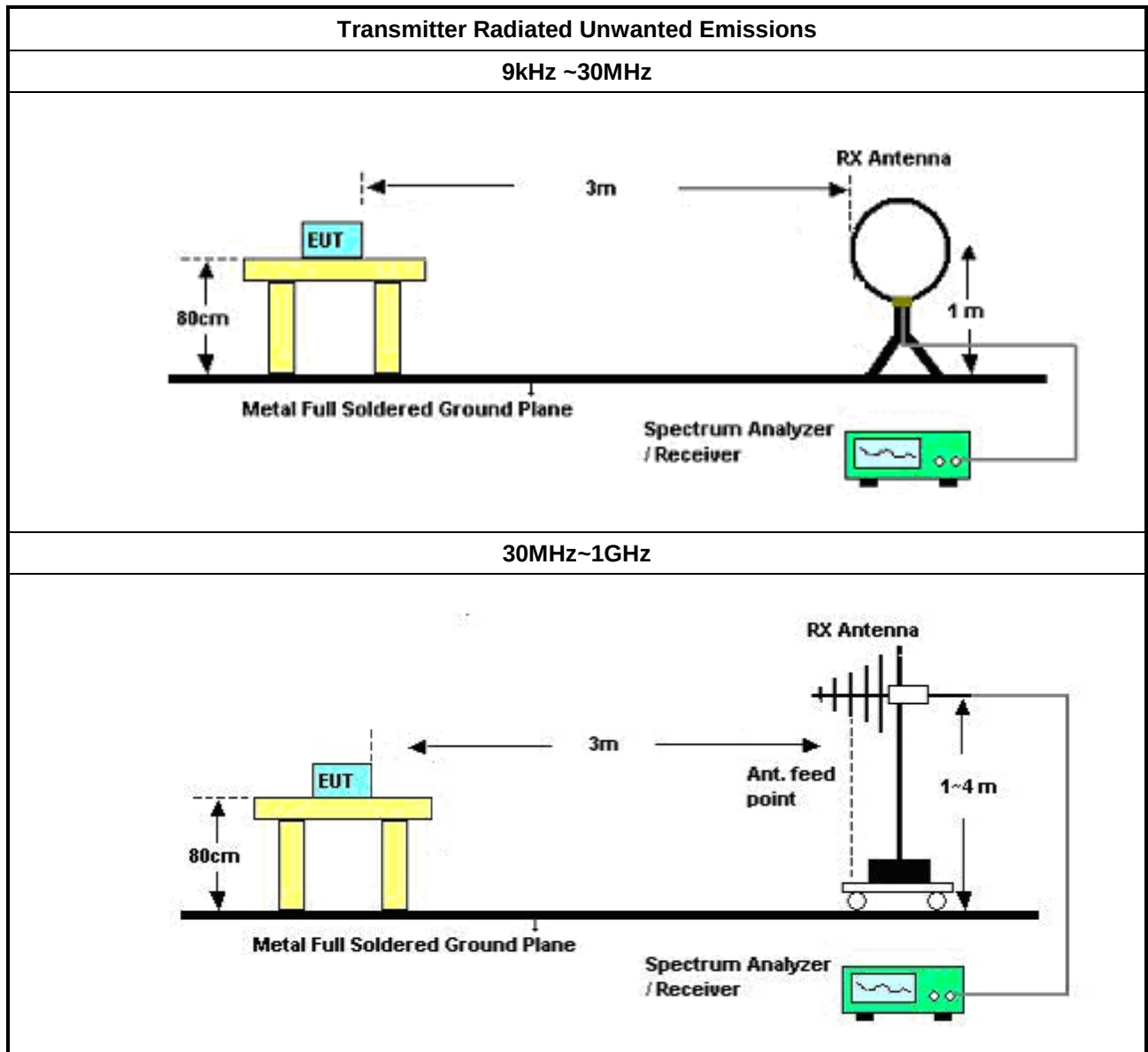
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), 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.

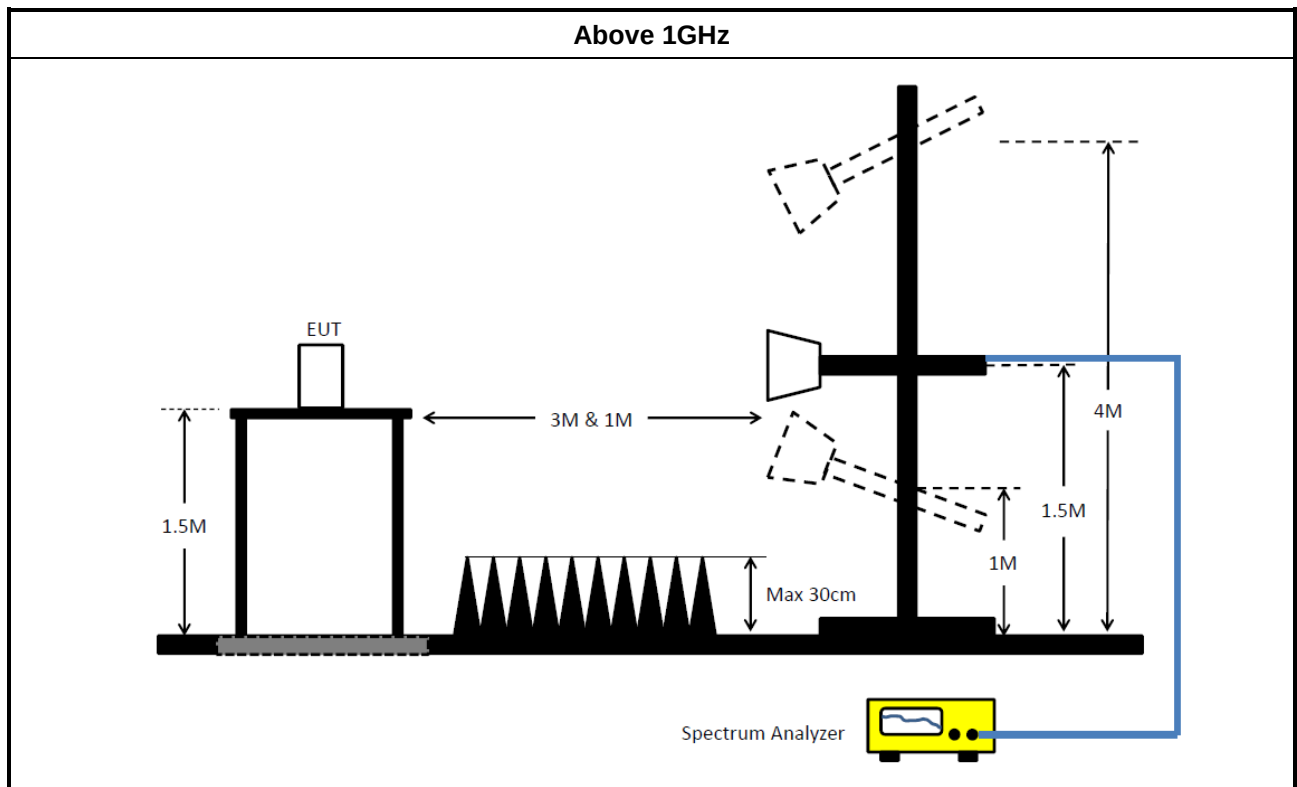
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier 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	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	18/Oct/2023	17/Oct/2024
Software	Sporton	SENSE-EMI	V5.11.3	-	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	FSV 40	101029	10Hz~40GHz	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

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	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	20/Aug/2024	19/Aug/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	24/May/2024	23/May/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

**Instrument for Radiated Test (03CH24-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	16/Aug/2024	15/Aug/2025
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	15/Aug/2024	14/Aug/2025
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	14/Apr/2024	13/Apr/2025
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	18/Apr/2024	17/Apr/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB002	9kHz~1GHz	19/Jun/2024	18/Jun/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	27/Dec/2023	26/Dec/2024
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Instrument for Radiated Test Co-location for Mode 1 (03CH25-HY)

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	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	20/Aug/2024	19/Aug/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	24/May/2024	23/May/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-EMI	Sporton	V5.11.8	NA	NA	NA	NA

Instrument for Radiated Test Co-location for Mode 2 (03CH24-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	30/Jul/2024	29/Jul/2025
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	15/Aug/2024	14/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	15/Aug/2024	14/Aug/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	05/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-CAB LE-01	1GHz~40GHz	01/Oct/2024	30/Sep/2025
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
SENSE-EMI	Sporton	V5.11.8	NA	NA	NA	NA



Conducted Emissions at Powerline_Non-Beamforming

Appendix A

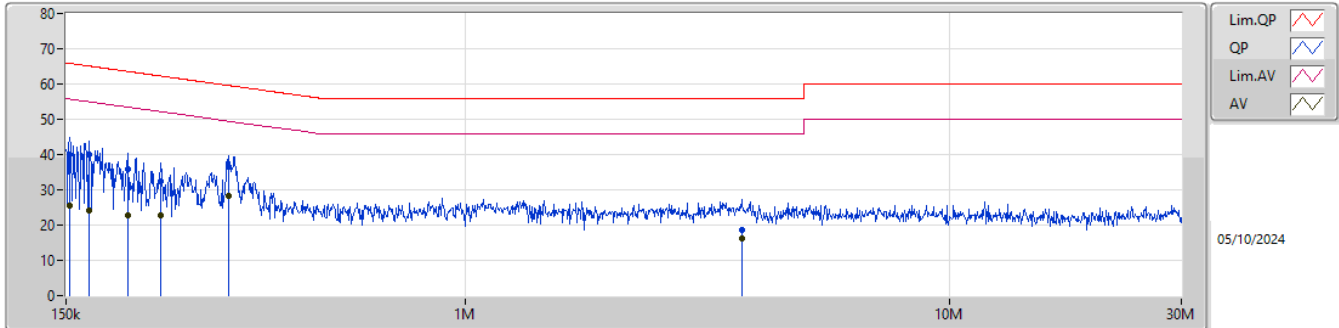
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	329.331k	32.53	49.46	-16.93	Neutral

Result

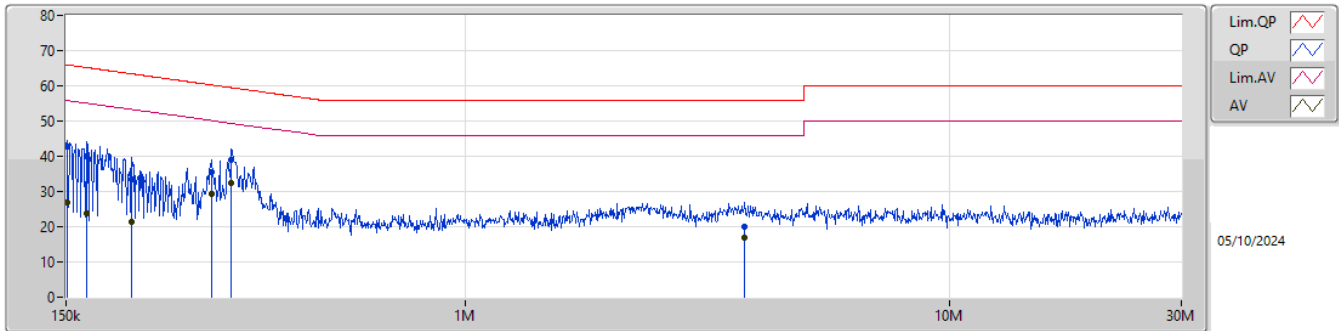
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.024k	40.09	65.83	-25.74	Line
Mode 1	Pass	AV	153.024k	25.58	55.83	-30.25	Line
Mode 1	Pass	QP	167.071k	39.99	65.10	-25.11	Line
Mode 1	Pass	AV	167.071k	24.06	55.10	-31.04	Line
Mode 1	Pass	QP	200.748k	36.03	63.57	-27.54	Line
Mode 1	Pass	AV	200.748k	22.64	53.57	-30.93	Line
Mode 1	Pass	QP	235.505k	32.47	62.25	-29.78	Line
Mode 1	Pass	AV	235.505k	22.71	52.25	-29.54	Line
Mode 1	Pass	QP	325.41k	36.68	59.58	-22.90	Line
Mode 1	Pass	AV	325.41k	28.41	49.58	-21.17	Line
Mode 1	Pass	QP	3.715M	18.76	56.00	-37.24	Line
Mode 1	Pass	AV	3.715M	16.12	46.00	-29.88	Line
Mode 1	Pass	QP	150.6k	42.88	65.96	-23.08	Neutral
Mode 1	Pass	AV	150.6k	26.86	55.96	-29.10	Neutral
Mode 1	Pass	QP	165.743k	40.16	65.18	-25.02	Neutral
Mode 1	Pass	AV	165.743k	23.91	55.18	-31.27	Neutral
Mode 1	Pass	QP	204.796k	33.62	63.42	-29.80	Neutral
Mode 1	Pass	AV	204.796k	21.28	53.42	-32.14	Neutral
Mode 1	Pass	QP	299.243k	35.35	60.26	-24.91	Neutral
Mode 1	Pass	AV	299.243k	29.36	50.26	-20.90	Neutral
Mode 1	Pass	QP	329.331k	39.09	59.46	-20.37	Neutral
Mode 1	Pass	AV	329.331k	32.53	49.46	-16.93	Neutral
Mode 1	Pass	QP	3.775M	20.07	56.00	-35.93	Neutral
Mode 1	Pass	AV	3.775M	17.05	46.00	-28.95	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	153.024k	40.09	65.83	-25.74	19.48	Line	-	20.61	9.66	0.07	9.75						
AV	153.024k	25.58	55.83	-30.25	19.48	Line	-	6.10	9.66	0.07	9.75						
QP	167.071k	39.99	65.10	-25.11	19.46	Line	-	20.53	9.66	0.07	9.73						
AV	167.071k	24.06	55.10	-31.04	19.46	Line	-	4.60	9.66	0.07	9.73						
QP	200.748k	36.03	63.57	-27.54	19.42	Line	-	16.61	9.65	0.09	9.68						
AV	200.748k	22.64	53.57	-30.93	19.42	Line	-	3.22	9.65	0.09	9.68						
QP	235.505k	32.47	62.25	-29.78	19.45	Line	-	13.02	9.65	0.10	9.70						
AV	235.505k	22.71	52.25	-29.54	19.45	Line	-	3.26	9.65	0.10	9.70						
QP	325.41k	36.68	59.58	-22.90	19.50	Line	-	17.18	9.65	0.11	9.74						
AV	325.41k	28.41	49.58	-21.17	19.50	Line	-	8.91	9.65	0.11	9.74						
QP	3.715M	18.76	56.00	-37.24	19.55	Line	-	-0.79	9.69	0.07	9.79						
AV	3.715M	16.12	46.00	-29.88	19.55	Line	-	-3.43	9.69	0.07	9.79						

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	150.6k	42.88	65.96	-23.08	19.43	Neutral	-	23.45	9.60	0.07	9.76						
AV	150.6k	26.86	55.96	-29.10	19.43	Neutral	-	7.43	9.60	0.07	9.76						
QP	165.743k	40.16	65.18	-25.02	19.40	Neutral	-	20.76	9.60	0.07	9.73						
AV	165.743k	23.91	55.18	-31.27	19.40	Neutral	-	4.51	9.60	0.07	9.73						
QP	204.796k	33.62	63.42	-29.80	19.37	Neutral	-	14.25	9.60	0.09	9.68						
AV	204.796k	21.28	53.42	-32.14	19.37	Neutral	-	1.91	9.60	0.09	9.68						
QP	299.243k	35.35	60.26	-24.91	19.44	Neutral	-	15.91	9.60	0.11	9.73						
AV	299.243k	29.36	50.26	-20.90	19.44	Neutral	-	9.92	9.60	0.11	9.73						
QP	329.331k	39.09	59.46	-20.37	19.45	Neutral	-	19.64	9.60	0.11	9.74						
AV	329.331k	32.53	49.46	-16.93	19.45	Neutral	-	13.08	9.60	0.11	9.74						
QP	3.775M	20.07	56.00	-35.93	19.48	Neutral	-	0.59	9.62	0.07	9.79						
AV	3.775M	17.05	46.00	-28.95	19.48	Neutral	-	-2.43	9.62	0.07	9.79						

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	34.375M	18.097M	18M1D1D	22.11M	16.668M
802.11be EHT20_Nss1,(MCS0)_2TX	36.795M	19.44M	19M4D1D	20.68M	18.941M
802.11be EHT40_Nss1,(MCS0)_2TX	47.41M	38.181M	38M2D1D	42.24M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	84.26M	77.561M	77M6D1D	82.06M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	80.4M	77.561M	77M6D1D	79.44M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.55M	16.778M	16M8D1D	21.34M	16.602M
802.11be EHT20_Nss1,(MCS0)_2TX	22.11M	19.215M	19M2D1D	21.175M	18.991M
802.11be EHT40_Nss1,(MCS0)_2TX	42.46M	37.881M	37M9D1D	40.48M	37.781M
802.11be EHT80_Nss1,(MCS0)_2TX	84.48M	77.561M	77M6D1D	83.6M	77.561M
802.11be EHT160_Nss1,(MCS0)_2TX	80.32M	77.561M	77M6D1D	80M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.77M	16.866M	16M9D1D	15.945M	13.373M
802.11be EHT20_Nss1,(MCS0)_2TX	22.935M	19.015M	19M0D1D	15.525M	14.498M
802.11be EHT40_Nss1,(MCS0)_2TX	43.23M	37.931M	37M9D1D	34.93M	33.828M
802.11be EHT80_Nss1,(MCS0)_2TX	83.6M	77.661M	77M7D1D	75.15M	73.388M
802.11be EHT160_Nss1,(MCS0)_2TX	160.6M	156.722M	157MD1D	160.6M	156.322M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.555M	22.033M	22M0D1D	3.24M	4.078M
802.11be EHT20_Nss1,(MCS0)_2TX	19.14M	20.515M	20M5D1D	4.52M	4.558M
802.11be EHT40_Nss1,(MCS0)_2TX	38.17M	38.831M	38M8D1D	4.06M	4.378M
802.11be EHT80_Nss1,(MCS0)_2TX	78.1M	77.661M	77M7D1D	4.1M	6.577M

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	22.935M	16.822M	22.11M	16.668M
5200MHz	Pass	Inf	34.375M	18.097M	29.315M	17.899M
5240MHz	Pass	Inf	27.17M	17.239M	30.58M	17.635M
5260MHz	Pass	Inf	21.34M	16.602M	22.55M	16.602M
5300MHz	Pass	Inf	21.615M	16.734M	21.505M	16.712M
5320MHz	Pass	Inf	21.45M	16.778M	22.495M	16.712M
5500MHz	Pass	Inf	22.77M	16.8M	21.78M	16.866M
5580MHz	Pass	Inf	21.945M	16.646M	21.34M	16.778M
5700MHz	Pass	Inf	21.89M	16.734M	21.67M	16.69M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.05M	13.448M	15.945M	13.373M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.078M	3.24M	4.318M
5745MHz	Pass	500k	16.555M	16.712M	16.555M	16.668M
5785MHz	Pass	500k	16.445M	17.195M	16.335M	17.107M
5825MHz	Pass	500k	16.445M	22.033M	16.5M	19.328M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.12M	18.941M	20.68M	19.015M
5200MHz	Pass	Inf	36.795M	19.19M	33.33M	19.44M
5240MHz	Pass	Inf	34.54M	19.19M	30.8M	19.19M
5260MHz	Pass	Inf	21.835M	19.04M	21.175M	19.065M
5300MHz	Pass	Inf	21.725M	19.14M	21.395M	19.015M
5320MHz	Pass	Inf	22.11M	18.991M	21.395M	19.215M
5500MHz	Pass	Inf	22.055M	18.991M	22.935M	18.991M
5580MHz	Pass	Inf	20.9M	18.991M	21.175M	18.991M
5700MHz	Pass	Inf	21.67M	19.015M	22.11M	18.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.825M	14.513M	15.525M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	4.558M	4.52M	4.658M
5745MHz	Pass	500k	19.14M	19.04M	19.085M	19.19M
5785MHz	Pass	500k	19.085M	19.14M	19.03M	19.165M
5825MHz	Pass	500k	19.14M	20.515M	19.03M	19.815M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	43.12M	37.781M	42.24M	37.831M
5230MHz	Pass	Inf	45.43M	38.181M	47.41M	38.081M
5270MHz	Pass	Inf	41.36M	37.831M	42.46M	37.881M
5310MHz	Pass	Inf	41.69M	37.781M	40.48M	37.831M
5510MHz	Pass	Inf	41.03M	37.881M	41.14M	37.931M
5550MHz	Pass	Inf	43.23M	37.881M	42.13M	37.881M
5670MHz	Pass	Inf	43.01M	37.881M	41.8M	37.881M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.93M	33.898M	35.84M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.638M	4.08M	4.378M
5755MHz	Pass	500k	38.17M	38.031M	38.17M	37.981M
5795MHz	Pass	500k	38.06M	38.831M	34.1M	38.331M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	84.26M	77.561M	82.06M	77.561M
5290MHz	Pass	Inf	84.48M	77.561M	83.6M	77.561M
5530MHz	Pass	Inf	83.6M	77.661M	80.96M	77.561M
5610MHz	Pass	Inf	81.84M	77.561M	81.18M	77.561M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.15M	73.538M	79.125M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	6.597M	4.1M	6.577M
5775MHz	Pass	500k	78.1M	77.661M	78.1M	77.661M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.44M	77.481M	80.4M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80M	77.561M	80.32M	77.481M
5570MHz	Pass	Inf	160.6M	156.722M	160.6M	156.322M

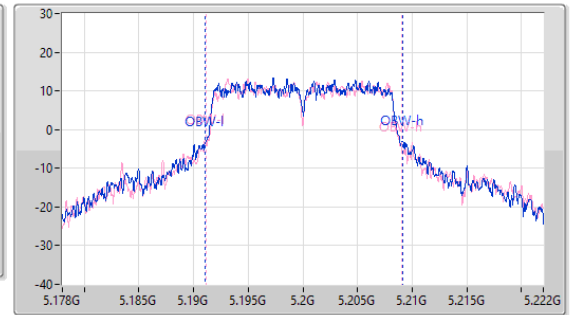
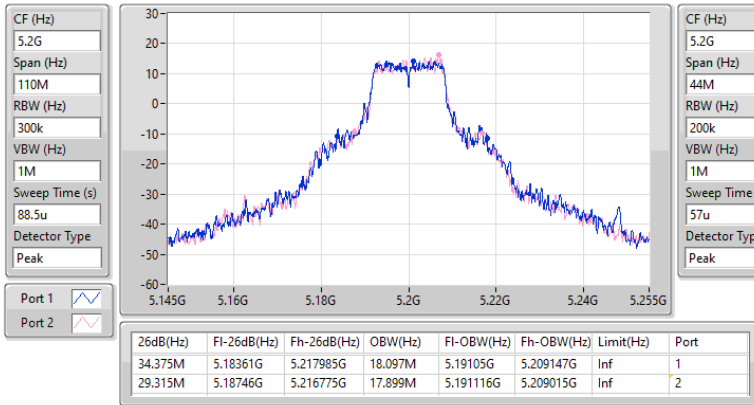
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5200MHz

18/09/2024

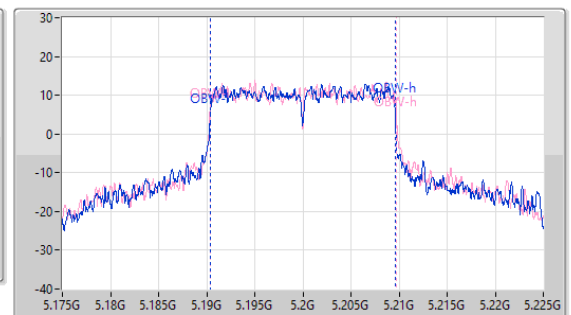
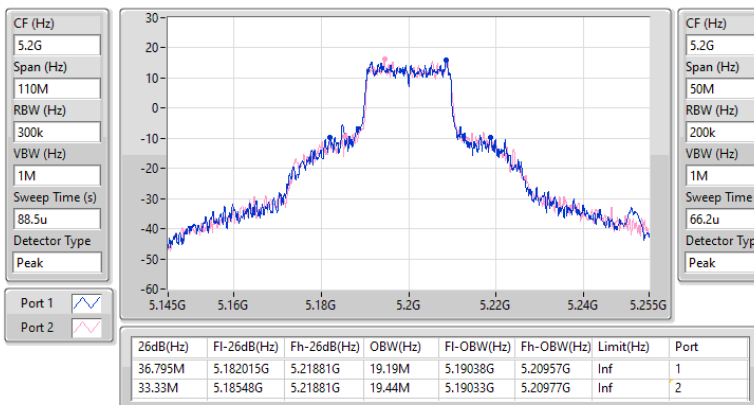


5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5200MHz

18/09/2024

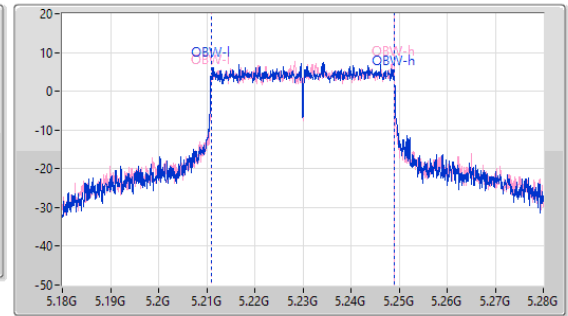
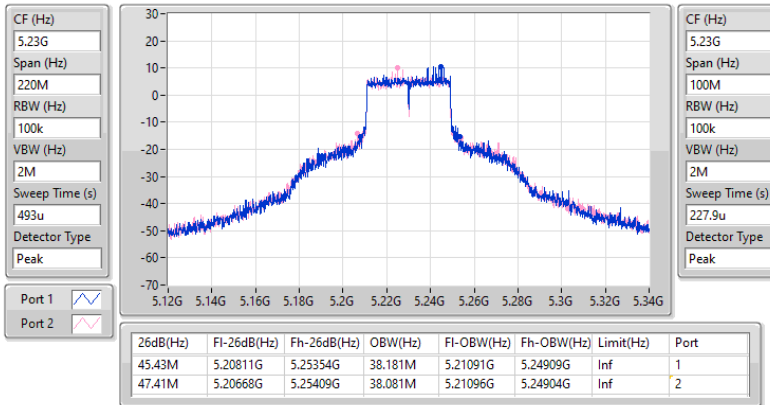


5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5230MHz

18/09/2024

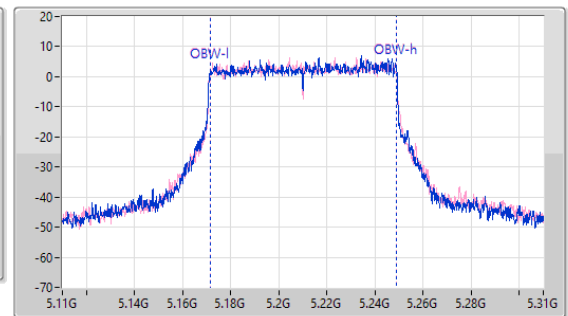
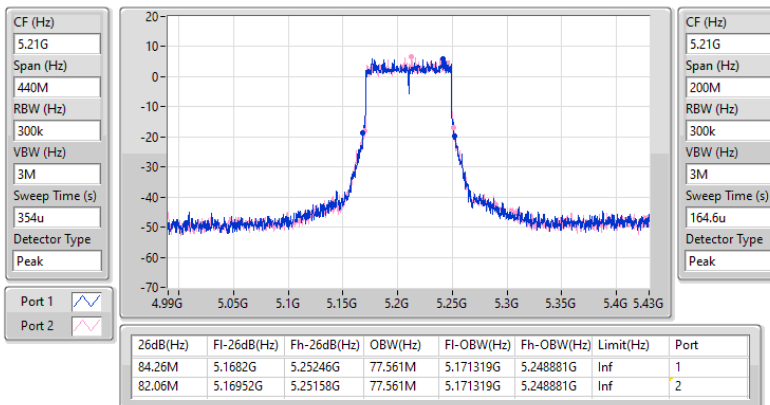


5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5210MHz

18/09/2024

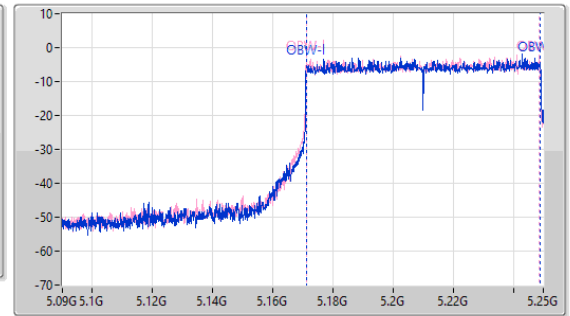
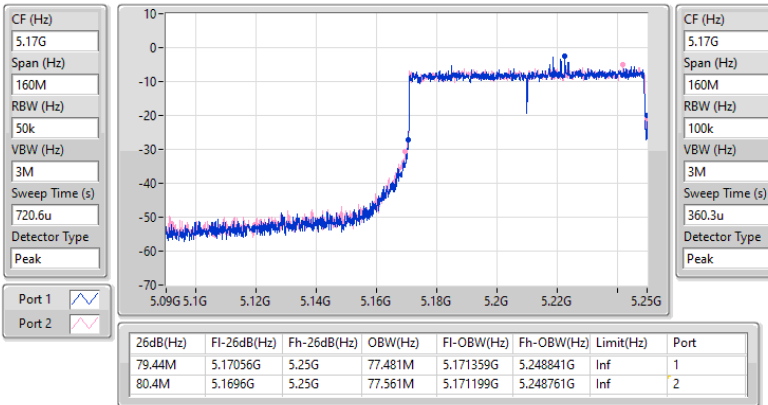


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.15-5.25GHz

18/09/2024

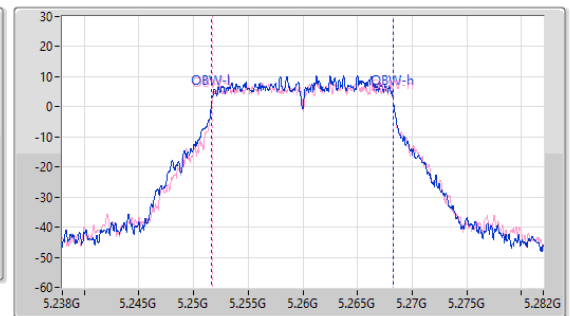
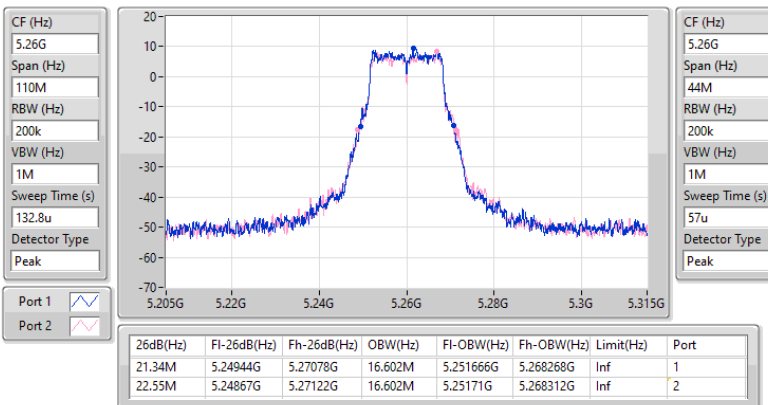


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

18/09/2024

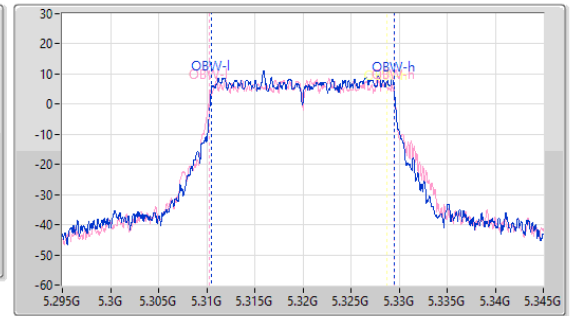
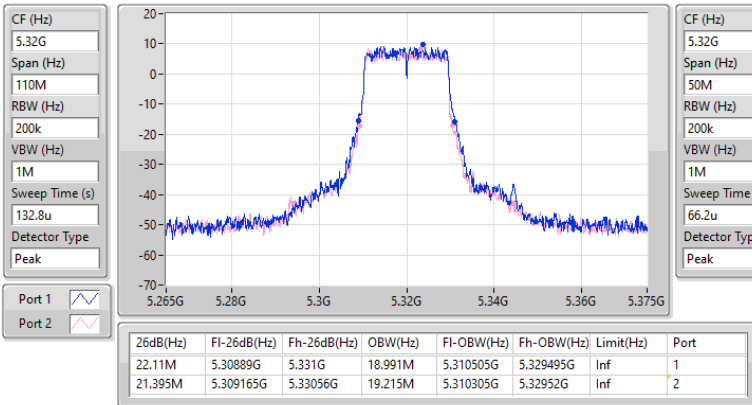


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5320MHz

18/09/2024

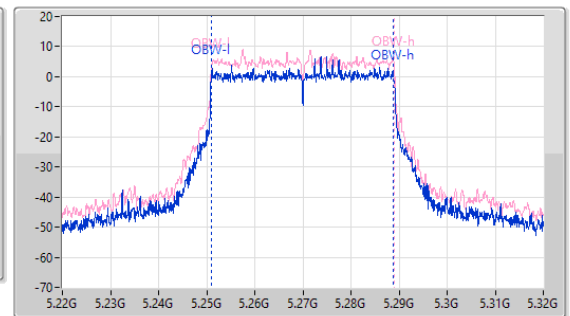
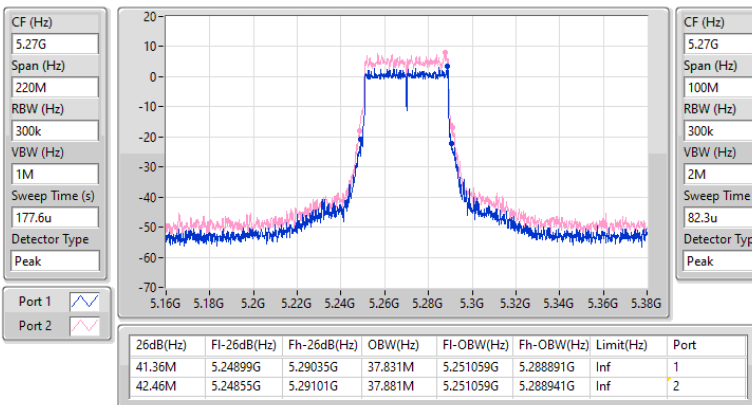


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

18/09/2024

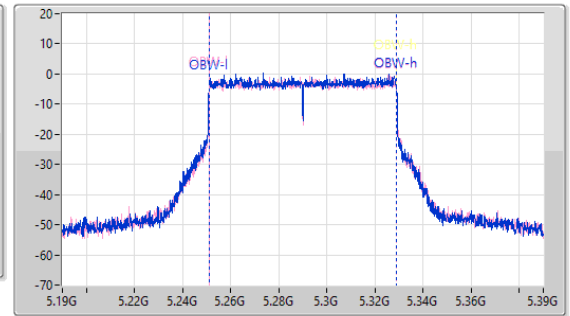
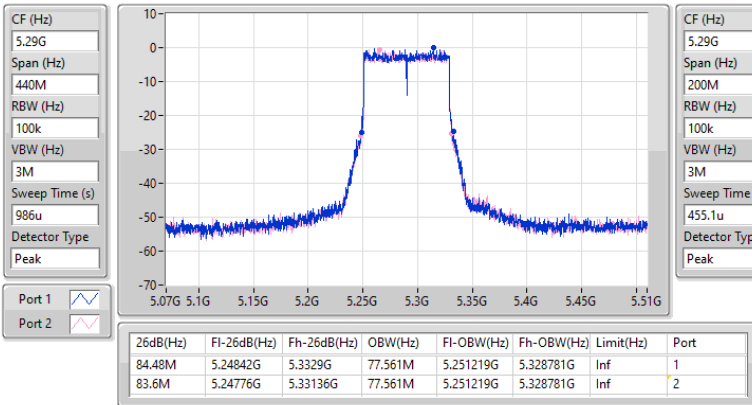


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

18/09/2024

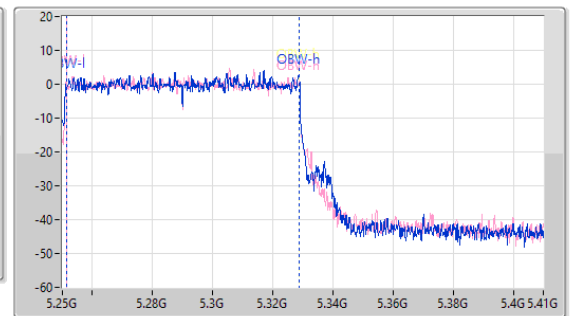
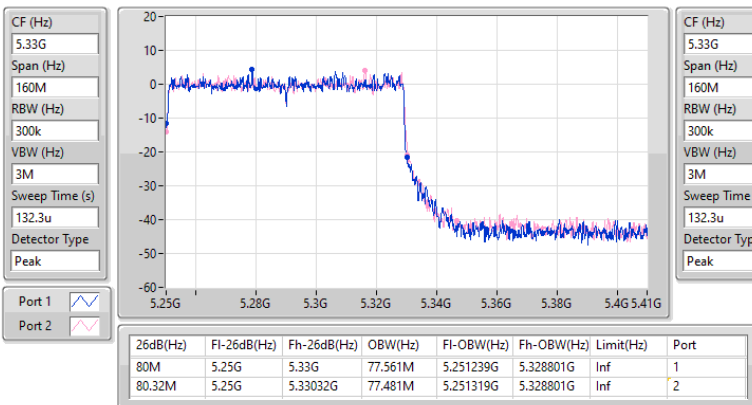


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

18/09/2024

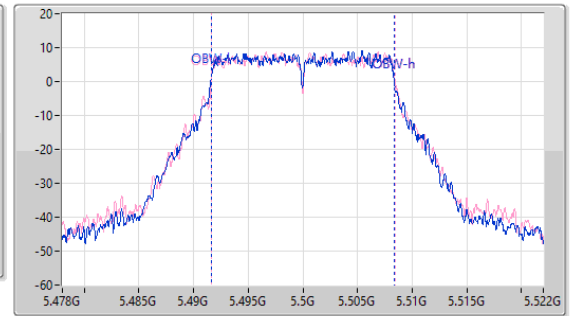
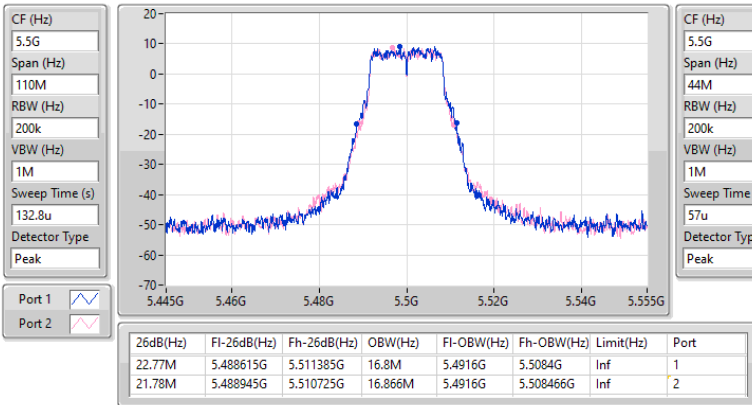


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

18/09/2024

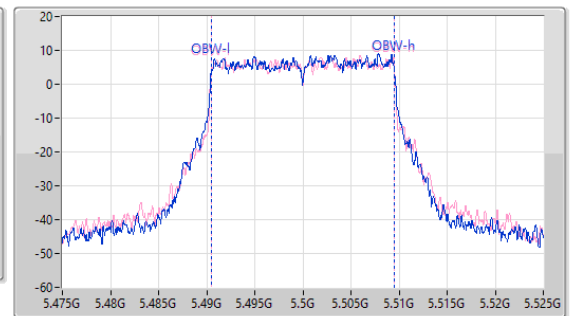
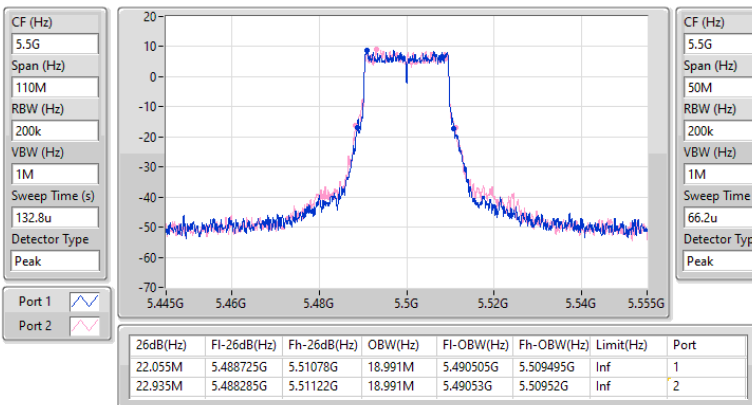


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

18/09/2024

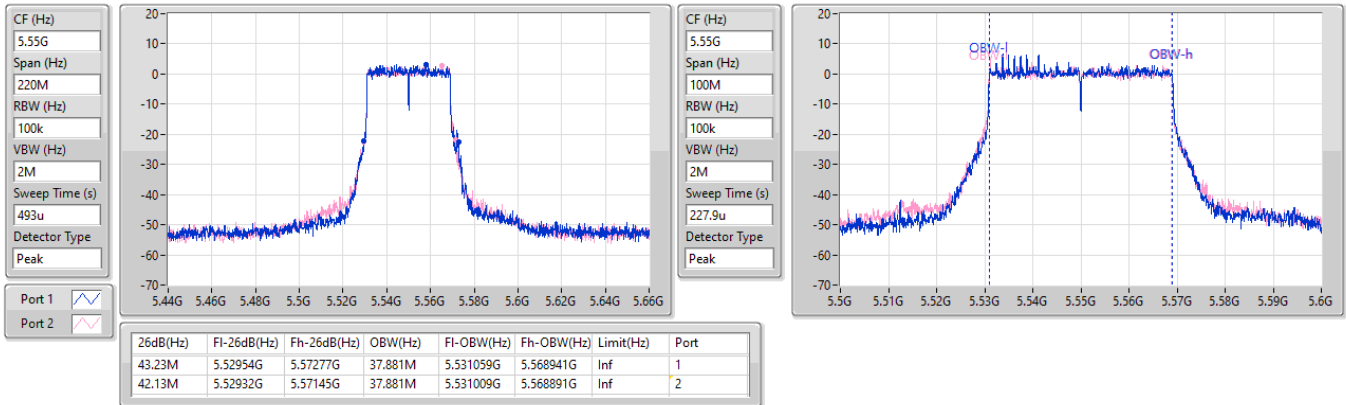


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

18/09/2024

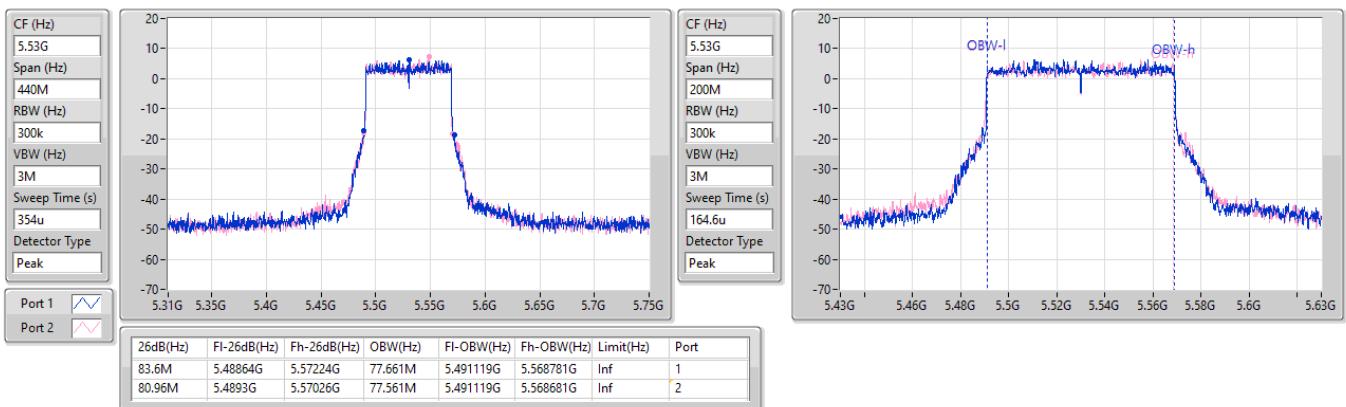


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

18/09/2024

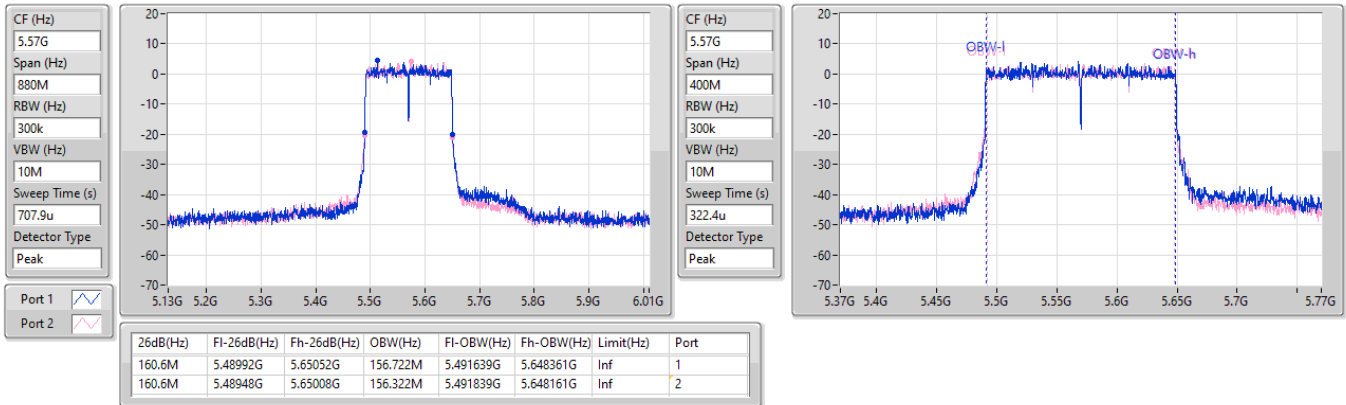


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

18/09/2024

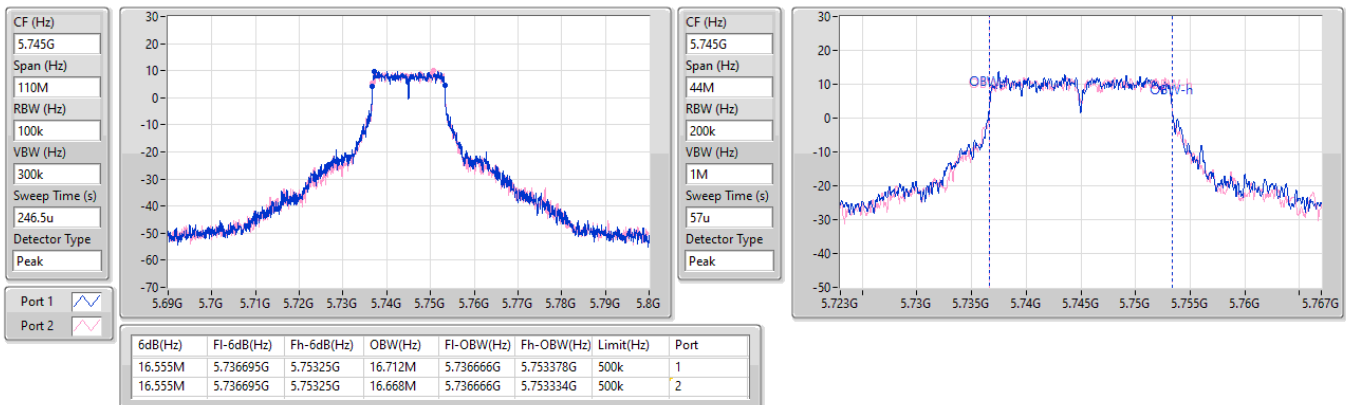


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

18/09/2024

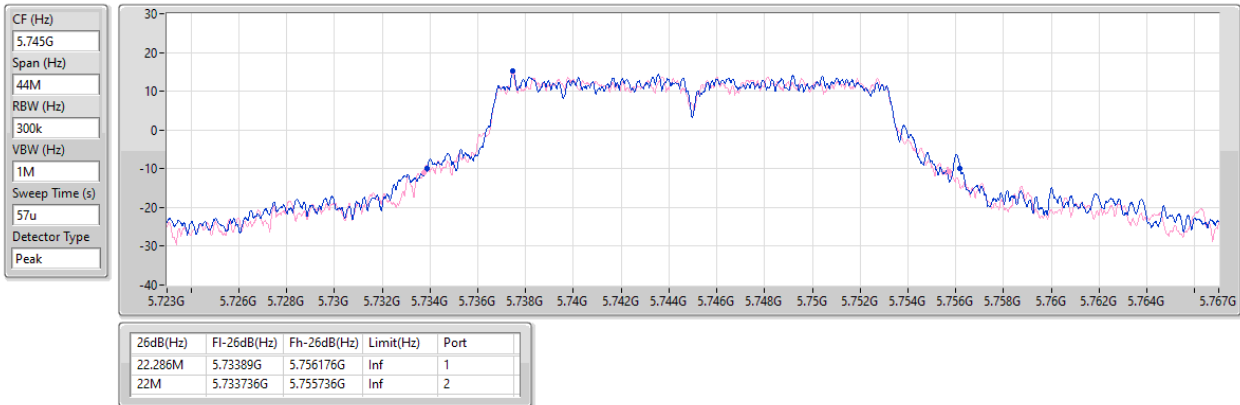


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5745MHz

18/09/2024

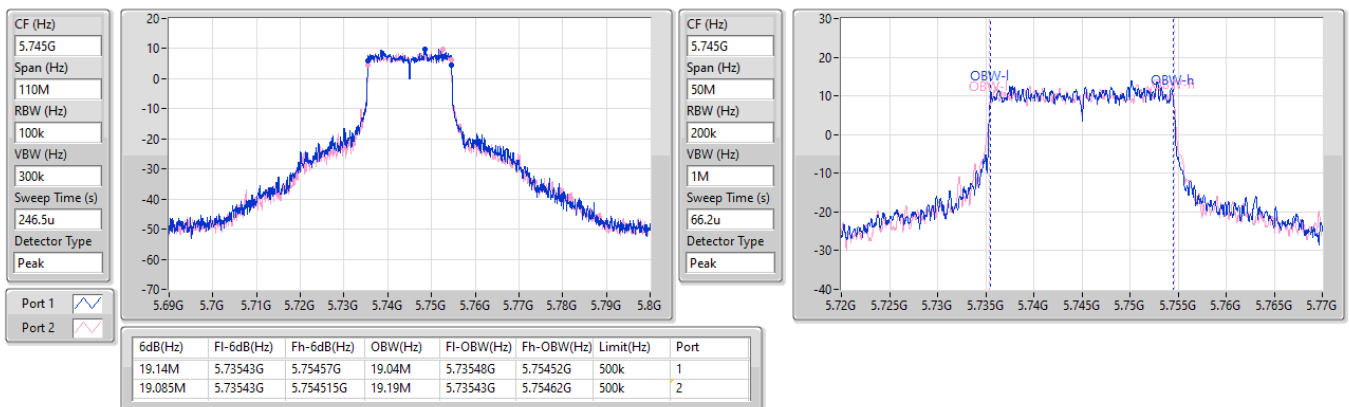


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

18/09/2024

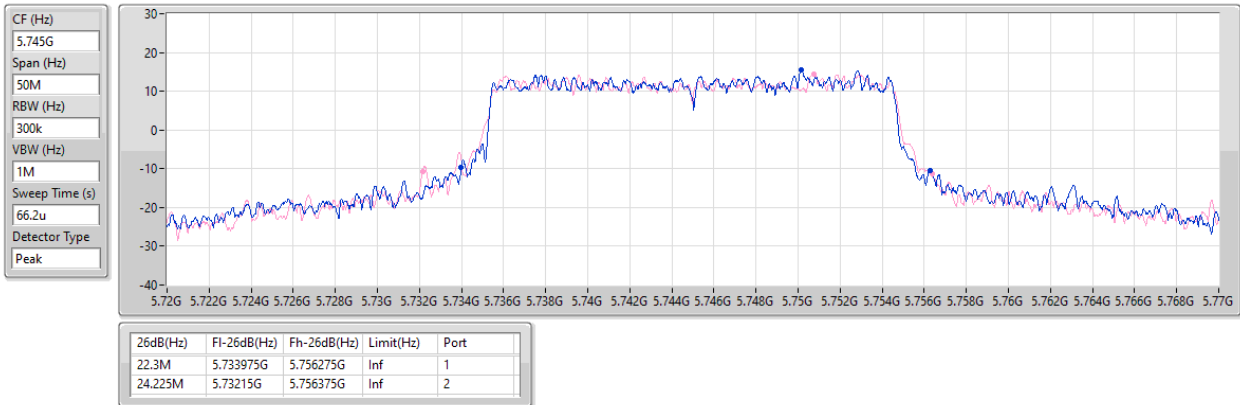


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5745MHz

18/09/2024

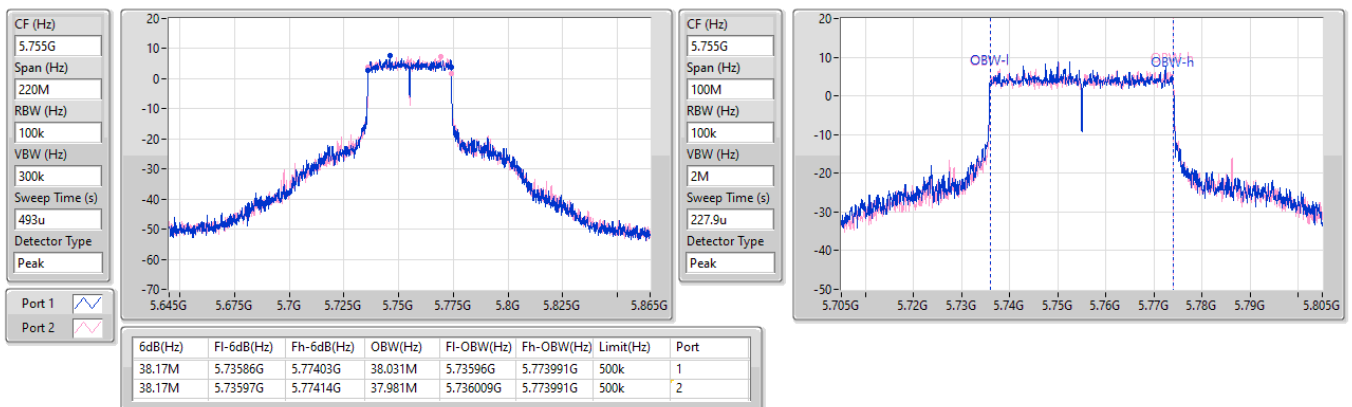


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

18/09/2024

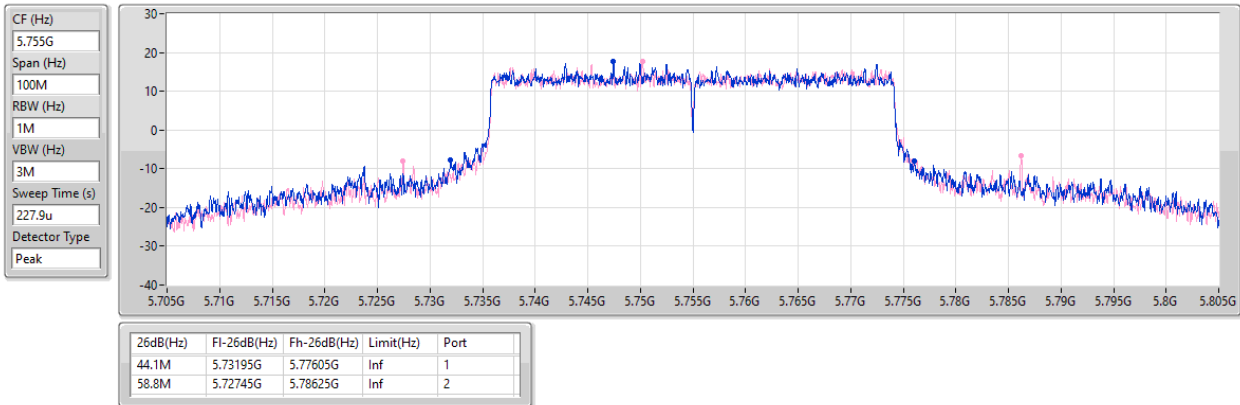


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5755MHz

18/09/2024

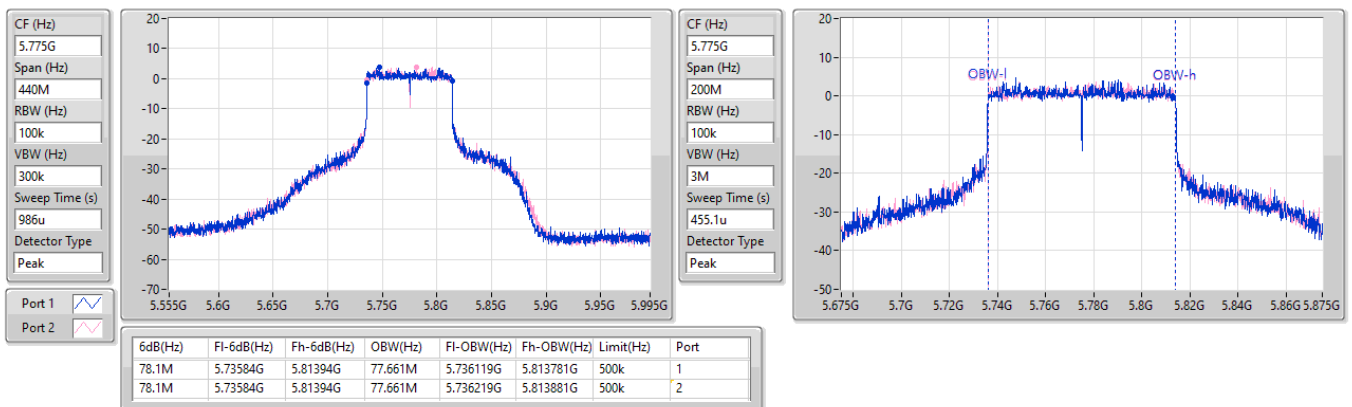


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

18/09/2024

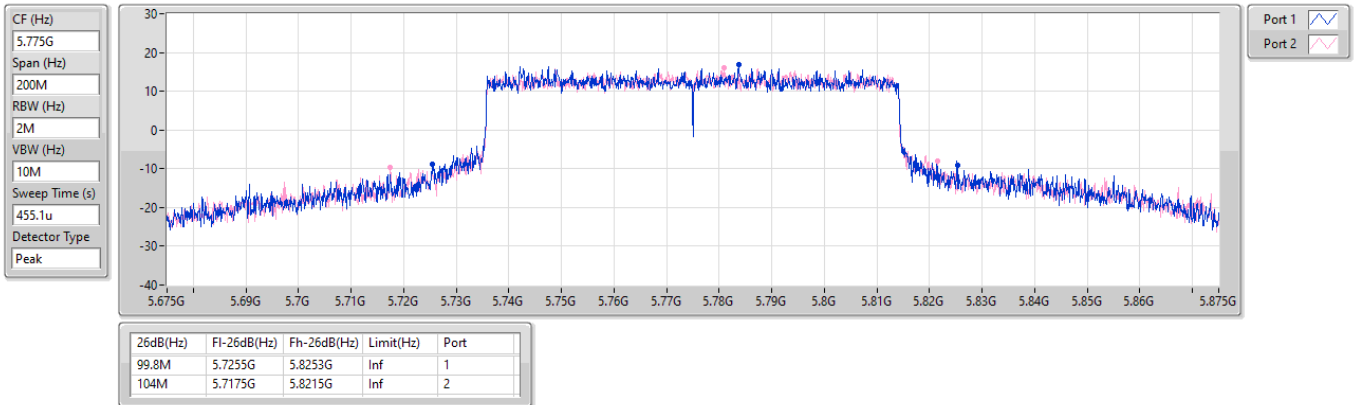


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5775MHz

18/09/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.93	0.62087	30.44	1.10662
802.11be EHT20_Nss1,(MCS0)_2TX	27.88	0.61376	30.39	1.09396
802.11be EHT40_Nss1,(MCS0)_2TX	27.71	0.59020	30.22	1.05196
802.11be EHT80_Nss1,(MCS0)_2TX	23.54	0.22594	26.05	0.40272
802.11be EHT160_Nss1,(MCS0)_2TX	21.02	0.12647	23.53	0.22542
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.64	0.23121	26.10	0.40738
802.11be EHT20_Nss1,(MCS0)_2TX	23.66	0.23227	26.12	0.40926
802.11be EHT40_Nss1,(MCS0)_2TX	23.54	0.22594	26.00	0.39811
802.11be EHT80_Nss1,(MCS0)_2TX	23.03	0.20091	25.49	0.35400
802.11be EHT160_Nss1,(MCS0)_2TX	21.53	0.14223	23.99	0.25061
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.85	0.24266	27.29	0.53580
802.11be EHT20_Nss1,(MCS0)_2TX	23.94	0.24774	27.38	0.54702
802.11be EHT40_Nss1,(MCS0)_2TX	23.95	0.24831	27.39	0.54828
802.11be EHT80_Nss1,(MCS0)_2TX	23.92	0.24660	27.36	0.54450
802.11be EHT160_Nss1,(MCS0)_2TX	23.88	0.24434	27.32	0.53951
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.23	0.52845	30.95	1.24451
802.11be EHT20_Nss1,(MCS0)_2TX	27.45	0.55590	31.17	1.30918
802.11be EHT40_Nss1,(MCS0)_2TX	27.50	0.56234	31.22	1.32434
802.11be EHT80_Nss1,(MCS0)_2TX	26.77	0.47534	30.49	1.11944

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.51	22.55	22.56	25.57	30.00	28.08	Inf
5200MHz	Pass	2.51	24.78	24.66	27.73	30.00	30.24	Inf
5240MHz	Pass	2.51	25.00	24.83	27.93	30.00	30.44	Inf
5260MHz	Pass	2.46	20.86	20.39	23.64	23.98	26.10	Inf
5300MHz	Pass	2.46	20.78	20.30	23.56	23.98	26.02	Inf
5320MHz	Pass	2.46	20.67	20.19	23.45	23.98	25.91	Inf
5500MHz	Pass	3.44	20.89	20.75	23.83	23.98	27.27	Inf
5580MHz	Pass	3.44	20.86	20.82	23.85	23.98	27.29	Inf
5700MHz	Pass	3.44	20.63	20.46	23.56	23.98	27.00	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.44	20.08	19.76	22.93	23.03	26.37	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.72	14.24	14.00	17.13	30.00	20.85	Inf
5745MHz	Pass	3.72	24.22	24.22	27.23	30.00	30.95	Inf
5785MHz	Pass	3.72	24.09	24.19	27.15	30.00	30.87	Inf
5825MHz	Pass	3.72	23.46	23.69	26.59	30.00	30.31	Inf
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.51	21.84	21.78	24.82	30.00	27.33	Inf
5200MHz	Pass	2.51	24.77	24.85	27.82	30.00	30.33	Inf
5240MHz	Pass	2.51	24.96	24.78	27.88	30.00	30.39	Inf
5260MHz	Pass	2.46	20.91	20.37	23.66	23.98	26.12	Inf
5300MHz	Pass	2.46	20.84	20.42	23.65	23.98	26.11	Inf
5320MHz	Pass	2.46	20.83	20.41	23.64	23.98	26.10	Inf
5500MHz	Pass	3.44	20.56	20.47	23.53	23.98	26.97	Inf
5580MHz	Pass	3.44	21.05	20.80	23.94	23.98	27.38	Inf
5700MHz	Pass	3.44	17.99	17.88	20.95	23.98	24.39	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.44	19.67	19.67	22.68	22.91	26.12	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.72	15.15	14.83	18.00	30.00	21.72	Inf
5745MHz	Pass	3.72	24.41	24.47	27.45	30.00	31.17	Inf
5785MHz	Pass	3.72	24.01	24.21	27.12	30.00	30.84	Inf
5825MHz	Pass	3.72	23.61	23.83	26.73	30.00	30.45	Inf
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.51	20.76	20.57	23.68	30.00	26.19	Inf
5230MHz	Pass	2.51	24.81	24.59	27.71	30.00	30.22	Inf
5270MHz	Pass	2.46	20.86	20.18	23.54	23.98	26.00	Inf
5310MHz	Pass	2.46	20.11	20.03	23.08	23.98	25.54	Inf
5510MHz	Pass	3.44	20.95	20.91	23.94	23.98	27.38	Inf
5550MHz	Pass	3.44	21.00	20.79	23.91	23.98	27.35	Inf
5670MHz	Pass	3.44	21.02	20.86	23.95	23.98	27.39	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	3.44	21.08	20.77	23.94	23.98	27.38	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	3.72	11.87	11.72	14.81	30.00	18.53	Inf
5755MHz	Pass	3.72	24.47	24.50	27.50	30.00	31.22	Inf
5795MHz	Pass	3.72	24.34	24.39	27.38	30.00	31.10	Inf
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.51	20.56	20.50	23.54	30.00	26.05	Inf
5290MHz	Pass	2.46	20.26	19.77	23.03	23.98	25.49	Inf
5530MHz	Pass	3.44	21.06	20.75	23.92	23.98	27.36	Inf
5610MHz	Pass	3.44	20.91	20.74	23.84	23.98	27.28	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	3.44	20.88	20.62	23.76	23.98	27.20	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	3.72	8.07	7.90	11.00	30.00	14.72	Inf
5775MHz	Pass	3.72	23.70	23.82	26.77	30.00	30.49	Inf
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.51	17.98	18.03	21.02	30.00	23.53	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	2.46	18.53	18.50	21.53	23.98	23.99	Inf
5570MHz	Pass	3.44	20.94	20.80	23.88	23.98	27.32	Inf

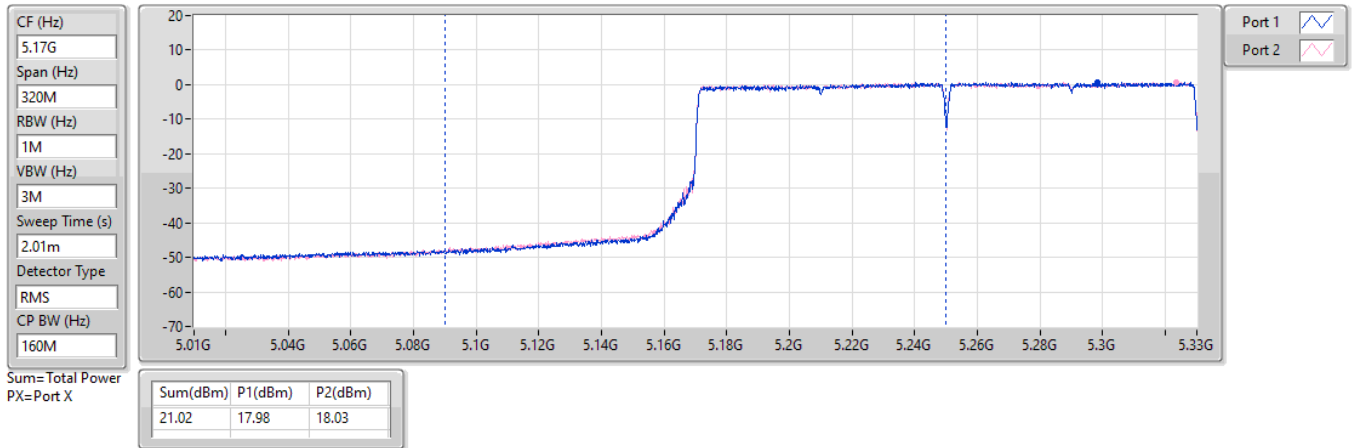
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

18/09/2024

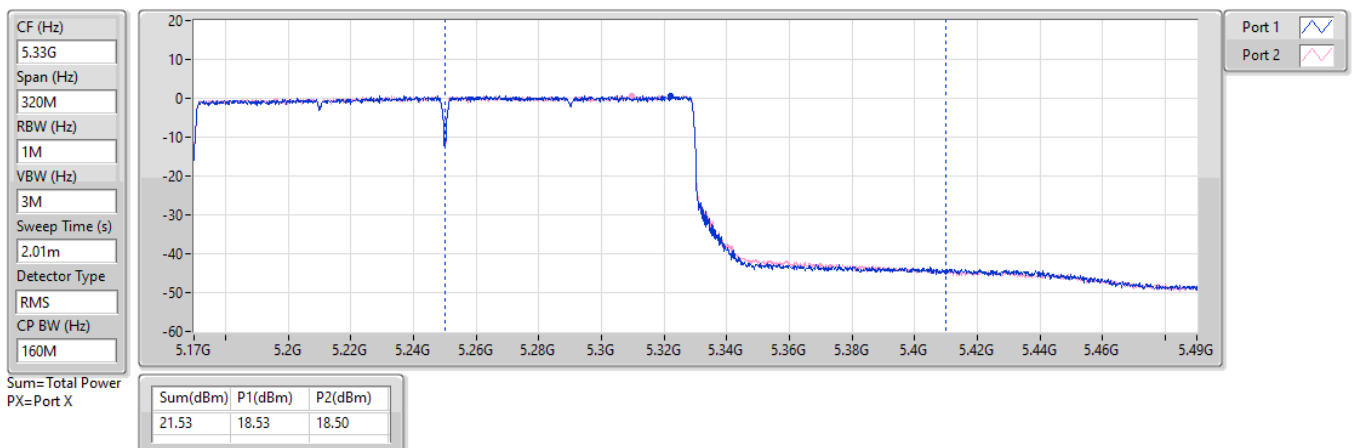


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

18/09/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	27.76	0.59704	31.86	1.53462
802.11be EHT40-BF_Nss1,(MCS0)_2TX	27.58	0.57280	31.68	1.47231
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.43	0.22029	27.53	0.56624
802.11be EHT160-BF_Nss1,(MCS0)_2TX	20.92	0.12359	25.02	0.31769
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.53	0.22542	28.10	0.64565
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.43	0.22029	28.00	0.63096
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.92	0.19588	27.49	0.56105
802.11be EHT160-BF_Nss1,(MCS0)_2TX	21.39	0.13772	25.96	0.39446
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.82	0.24099	29.09	0.81096
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.83	0.24155	29.10	0.81283
802.11be EHT80-BF_Nss1,(MCS0)_2TX	23.81	0.24044	29.08	0.80910
802.11be EHT160-BF_Nss1,(MCS0)_2TX	23.77	0.23823	29.04	0.80168
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	27.32	0.53951	32.06	1.60694
802.11be EHT40-BF_Nss1,(MCS0)_2TX	27.38	0.54702	32.12	1.62930
802.11be EHT80-BF_Nss1,(MCS0)_2TX	26.70	0.46774	31.44	1.39316

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.10	21.73	21.65	24.70	30.00	28.80	Inf
5200MHz	Pass	4.10	24.62	24.72	27.68	30.00	31.78	Inf
5240MHz	Pass	4.10	24.85	24.65	27.76	30.00	31.86	Inf
5260MHz	Pass	4.57	20.78	20.24	23.53	23.98	28.10	Inf
5300MHz	Pass	4.57	20.71	20.28	23.51	23.98	28.08	Inf
5320MHz	Pass	4.57	20.70	20.27	23.50	23.98	28.07	Inf
5500MHz	Pass	5.27	20.43	20.32	23.39	23.98	28.66	Inf
5580MHz	Pass	5.27	20.92	20.69	23.82	23.98	29.09	Inf
5700MHz	Pass	5.27	17.86	17.75	20.82	23.98	26.09	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	5.27	19.75	19.36	22.57	22.91	27.84	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	4.74	14.39	14.08	17.25	30.00	21.99	Inf
5745MHz	Pass	4.74	24.27	24.34	27.32	30.00	32.06	Inf
5785MHz	Pass	4.74	23.89	24.10	27.01	30.00	31.75	Inf
5825MHz	Pass	4.74	23.50	23.72	26.62	30.00	31.36	Inf
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.10	20.64	20.45	23.56	30.00	27.66	Inf
5230MHz	Pass	4.10	24.66	24.47	27.58	30.00	31.68	Inf
5270MHz	Pass	4.57	20.73	20.08	23.43	23.98	28.00	Inf
5310MHz	Pass	4.57	19.98	19.89	22.95	23.98	27.52	Inf
5510MHz	Pass	5.27	20.80	20.78	23.80	23.98	29.07	Inf
5550MHz	Pass	5.27	20.89	20.68	23.80	23.98	29.07	Inf
5670MHz	Pass	5.27	20.89	20.75	23.83	23.98	29.10	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	5.27	21.02	20.58	23.82	23.98	29.09	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	4.74	11.91	11.59	14.76	30.00	19.50	Inf
5755MHz	Pass	4.74	24.37	24.37	27.38	30.00	32.12	Inf
5795MHz	Pass	4.74	24.22	24.28	27.26	30.00	32.00	Inf
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.10	20.45	20.39	23.43	30.00	27.53	Inf
5290MHz	Pass	4.57	20.14	19.66	22.92	23.98	27.49	Inf
5530MHz	Pass	5.27	20.96	20.63	23.81	23.98	29.08	Inf
5610MHz	Pass	5.27	20.77	20.63	23.71	23.98	28.98	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	5.27	20.79	20.52	23.67	23.98	28.94	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	4.74	7.98	7.88	10.94	30.00	15.68	Inf
5775MHz	Pass	4.74	23.66	23.72	26.70	30.00	31.44	Inf
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.10	18.00	17.82	20.92	30.00	25.02	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	4.57	18.58	18.16	21.39	23.98	25.96	Inf
5570MHz	Pass	5.27	20.83	20.68	23.77	23.98	29.04	Inf

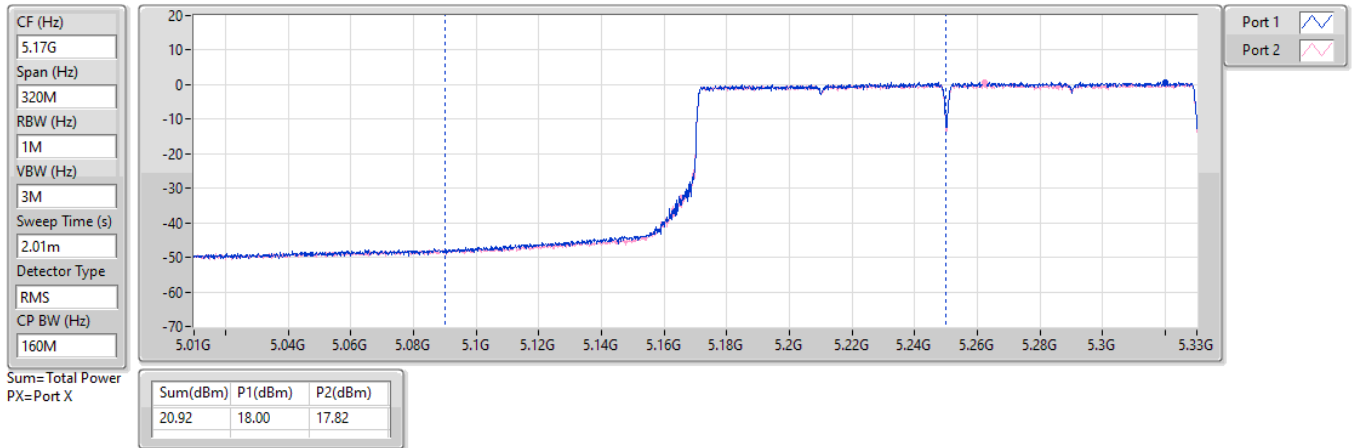
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

19/09/2024

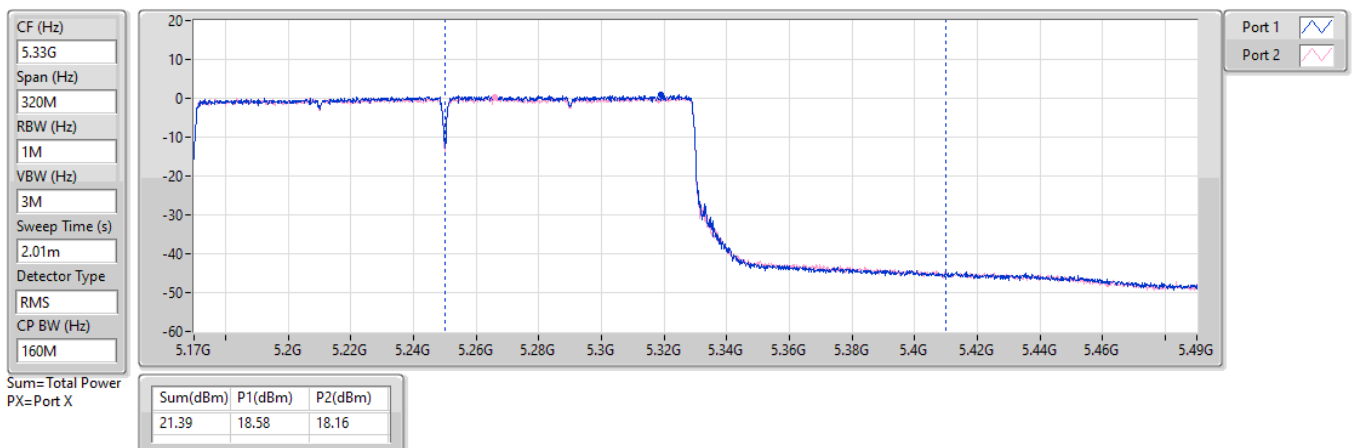


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

19/09/2024



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.00	19.10
802.11be EHT20_Nss1,(MCS0)_2TX	14.39	18.49
802.11be EHT40_Nss1,(MCS0)_2TX	11.43	15.53
802.11be EHT80_Nss1,(MCS0)_2TX	4.30	8.40
802.11be EHT160_Nss1,(MCS0)_2TX	1.49	5.59
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.62	15.19
802.11be EHT20_Nss1,(MCS0)_2TX	10.16	14.73
802.11be EHT40_Nss1,(MCS0)_2TX	7.13	11.70
802.11be EHT80_Nss1,(MCS0)_2TX	3.59	8.16
802.11be EHT160_Nss1,(MCS0)_2TX	1.65	6.22
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.97	16.24
802.11be EHT20_Nss1,(MCS0)_2TX	10.59	15.86
802.11be EHT40_Nss1,(MCS0)_2TX	7.67	12.94
802.11be EHT80_Nss1,(MCS0)_2TX	4.42	9.69
802.11be EHT160_Nss1,(MCS0)_2TX	1.64	6.91
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.01	17.75
802.11be EHT20_Nss1,(MCS0)_2TX	12.52	17.26
802.11be EHT40_Nss1,(MCS0)_2TX	9.59	14.33
802.11be EHT80_Nss1,(MCS0)_2TX	5.90	10.64

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.10	9.68	9.72	12.65	17.00	16.75	Inf
5200MHz	Pass	4.10	11.88	11.90	14.83	17.00	18.93	Inf
5240MHz	Pass	4.10	12.13	11.95	15.00	17.00	19.10	Inf
5260MHz	Pass	4.57	7.87	7.38	10.62	11.00	15.19	Inf
5300MHz	Pass	4.57	7.88	7.28	10.54	11.00	15.11	Inf
5320MHz	Pass	4.57	7.90	7.28	10.53	11.00	15.10	Inf
5500MHz	Pass	5.27	8.07	7.91	10.97	11.00	16.24	Inf
5580MHz	Pass	5.27	8.14	7.86	10.95	11.00	16.22	Inf
5700MHz	Pass	5.27	7.93	7.64	10.77	11.00	16.04	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	5.27	8.12	7.61	10.86	11.00	16.13	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	4.74	6.34	6.18	9.23	30.00	13.97	Inf
5745MHz	Pass	4.74	10.14	10.10	13.01	30.00	17.75	Inf
5785MHz	Pass	4.74	9.83	9.83	12.79	30.00	17.53	Inf
5825MHz	Pass	4.74	9.45	9.56	12.52	30.00	17.26	Inf
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.10	8.20	8.22	11.18	17.00	15.28	Inf
5200MHz	Pass	4.10	11.33	11.20	14.25	17.00	18.35	Inf
5240MHz	Pass	4.10	11.51	11.26	14.39	17.00	18.49	Inf
5260MHz	Pass	4.57	7.47	6.81	10.13	11.00	14.70	Inf
5300MHz	Pass	4.57	7.46	6.86	10.16	11.00	14.73	Inf
5320MHz	Pass	4.57	7.43	6.84	10.12	11.00	14.69	Inf
5500MHz	Pass	5.27	7.23	7.01	10.10	11.00	15.37	Inf
5580MHz	Pass	5.27	7.74	7.41	10.59	11.00	15.86	Inf
5700MHz	Pass	5.27	4.70	4.42	7.56	11.00	12.83	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	5.27	7.59	7.07	10.35	11.00	15.62	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	4.74	6.01	5.62	8.80	30.00	13.54	Inf
5745MHz	Pass	4.74	9.52	9.67	12.52	30.00	17.26	Inf
5785MHz	Pass	4.74	9.29	9.27	12.22	30.00	16.96	Inf
5825MHz	Pass	4.74	8.96	8.85	11.92	30.00	16.66	Inf
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.10	4.46	4.29	7.34	17.00	11.44	Inf
5230MHz	Pass	4.10	8.54	8.34	11.43	17.00	15.53	Inf
5270MHz	Pass	4.57	4.36	3.86	7.13	11.00	11.70	Inf
5310MHz	Pass	4.57	3.35	2.90	6.11	11.00	10.68	Inf
5510MHz	Pass	5.27	4.52	4.54	7.54	11.00	12.81	Inf
5550MHz	Pass	5.27	4.50	4.36	7.42	11.00	12.69	Inf
5670MHz	Pass	5.27	4.65	4.73	7.67	11.00	12.94	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	5.27	4.78	4.56	7.66	11.00	12.93	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	4.74	3.12	3.01	6.02	30.00	10.76	Inf
5755MHz	Pass	4.74	6.54	6.72	9.58	30.00	14.32	Inf
5795MHz	Pass	4.74	6.56	6.73	9.59	30.00	14.33	Inf
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.10	1.39	1.27	4.30	17.00	8.40	Inf
5290MHz	Pass	4.57	0.78	0.42	3.59	11.00	8.16	Inf
5530MHz	Pass	5.27	1.58	1.35	4.42	11.00	9.69	Inf
5610MHz	Pass	5.27	1.56	1.27	4.36	11.00	9.63	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	5.27	1.27	1.27	4.23	11.00	9.50	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	4.74	-0.70	-0.87	2.18	30.00	6.92	Inf
5775MHz	Pass	4.74	2.93	3.05	5.90	30.00	10.64	Inf
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.10	-1.48	-1.53	1.49	17.00	5.59	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	4.57	-1.39	-1.27	1.65	11.00	6.22	Inf
5570MHz	Pass	5.27	-1.21	-1.40	1.64	11.00	6.91	Inf



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

18/09/2024

CF (Hz)
5.24G

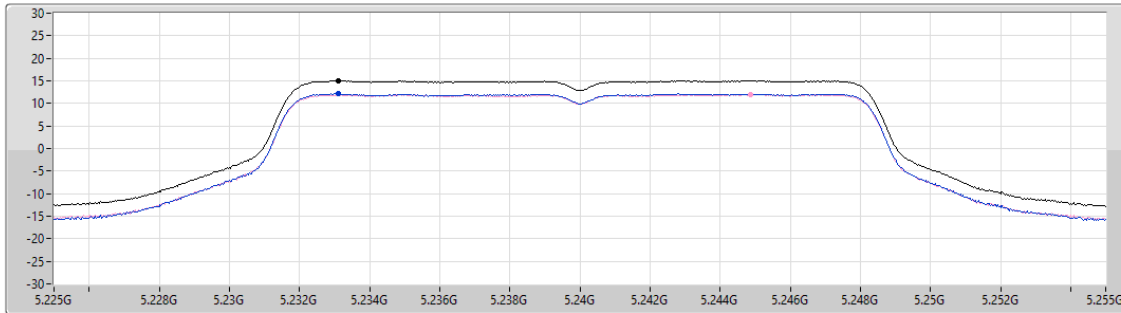
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.00	15.00	12.13	11.95

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

PSD

5240MHz

18/09/2024

CF (Hz)
5.24G

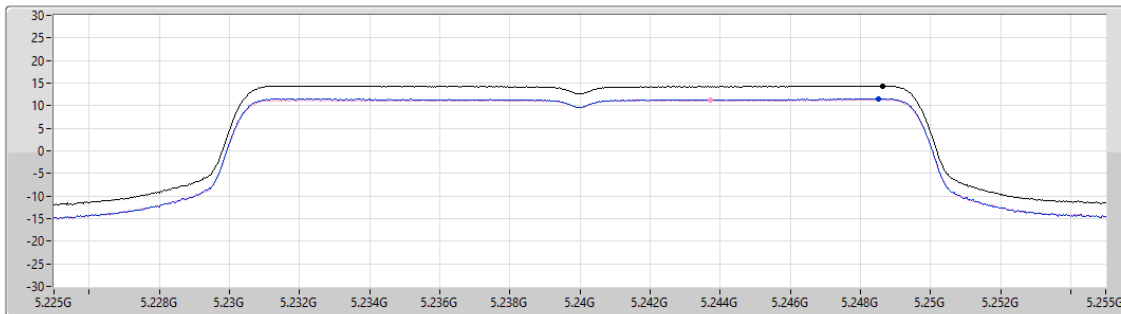
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
14.39	14.39	11.51	11.26

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

PSD

5230MHz

18/09/2024

CF (Hz)
5.23G

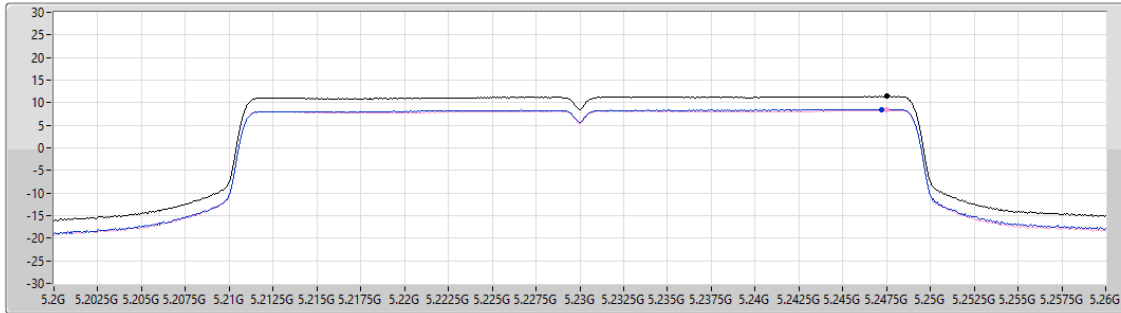
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.43	11.43	8.54	8.34

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

PSD

5210MHz

18/09/2024

CF (Hz)
5.21G

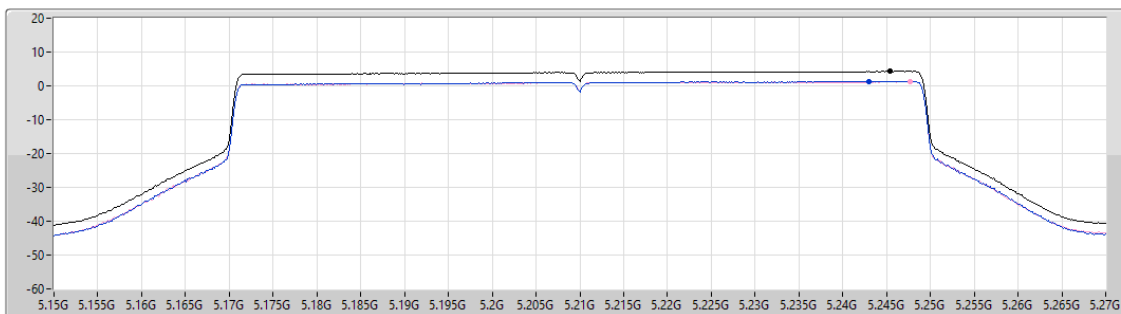
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



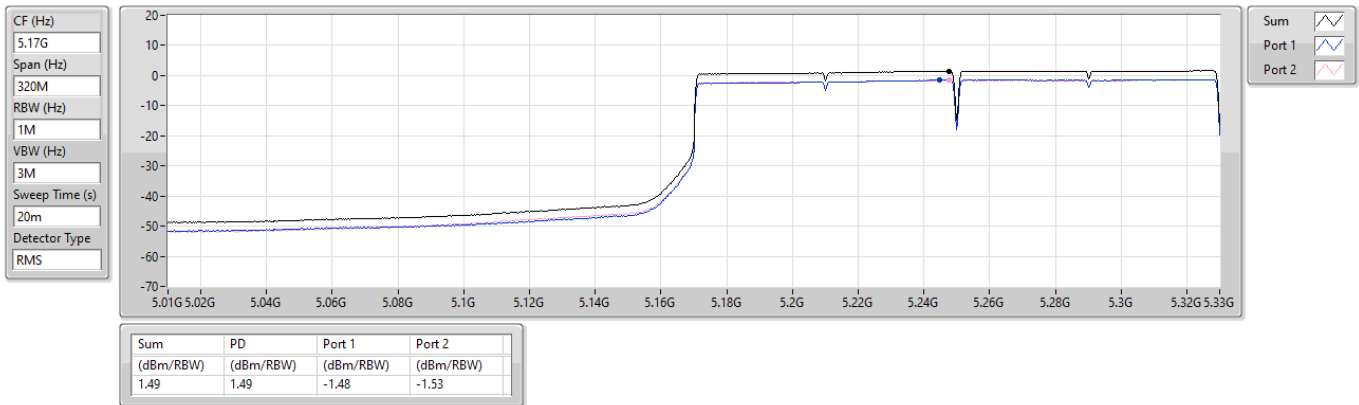
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.30	4.30	1.39	1.27

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

18/09/2024

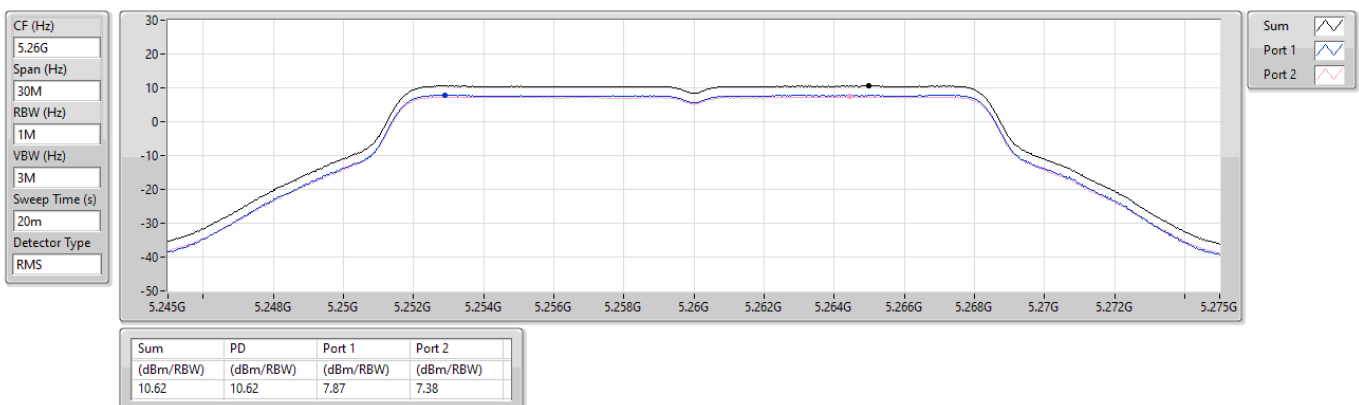


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

18/09/2024



5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

18/09/2024

CF (Hz)
5.3G

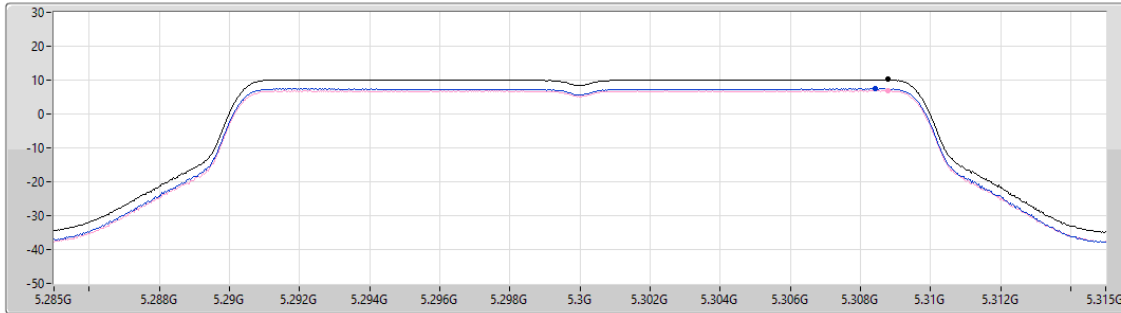
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.16	10.16	7.46	6.86

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

18/09/2024

CF (Hz)
5.27G

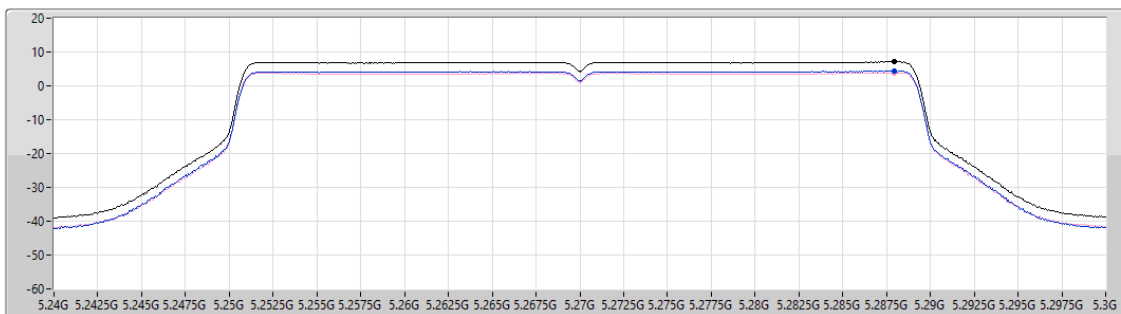
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.13	7.13	4.36	3.86

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5290MHz

18/09/2024

CF (Hz)
5.29G

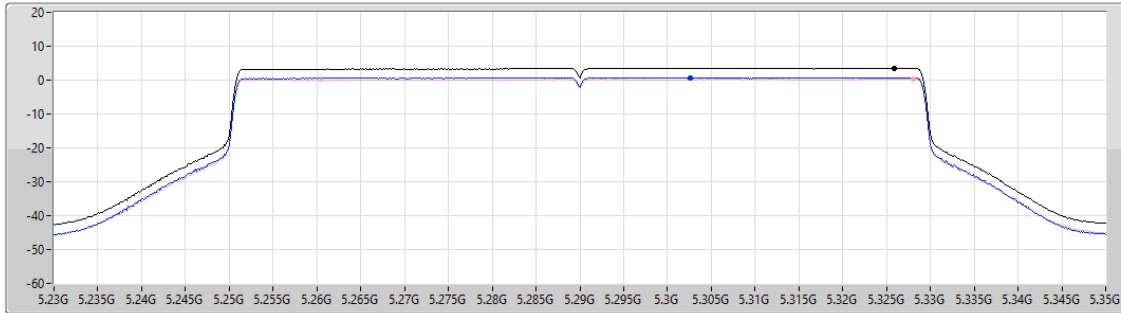
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.59	3.59	0.78	0.42

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

18/09/2024

CF (Hz)
5.33G

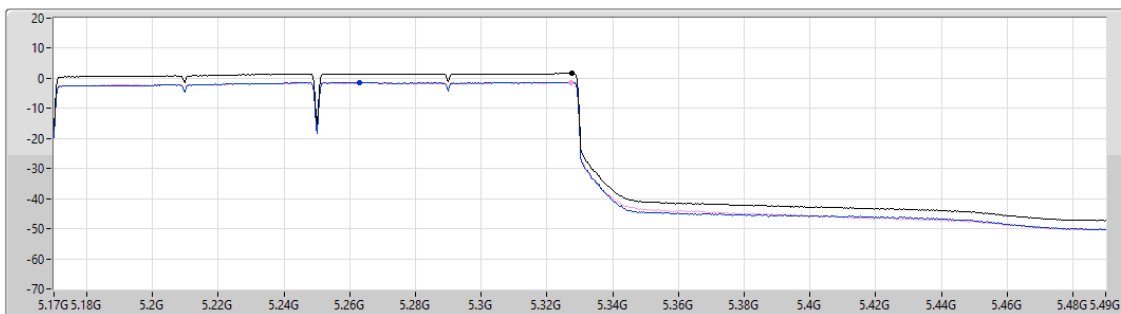
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 2 ☐

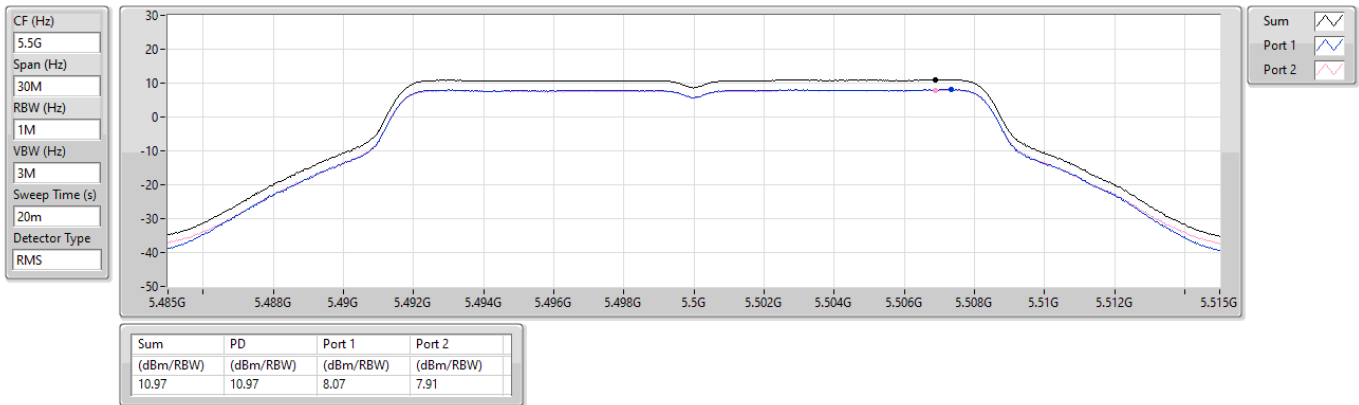
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.65	1.65	-1.39	-1.27

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

18/09/2024

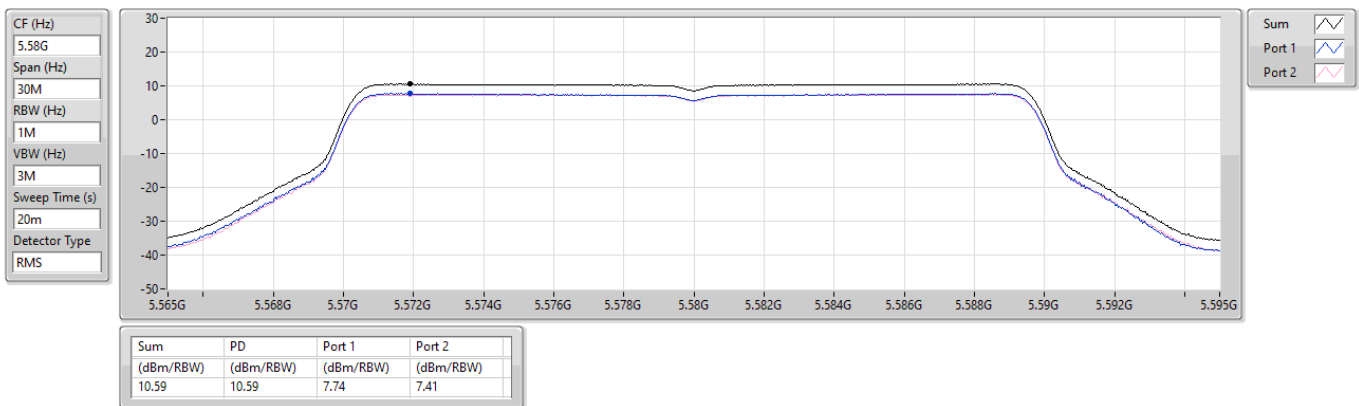


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

18/09/2024

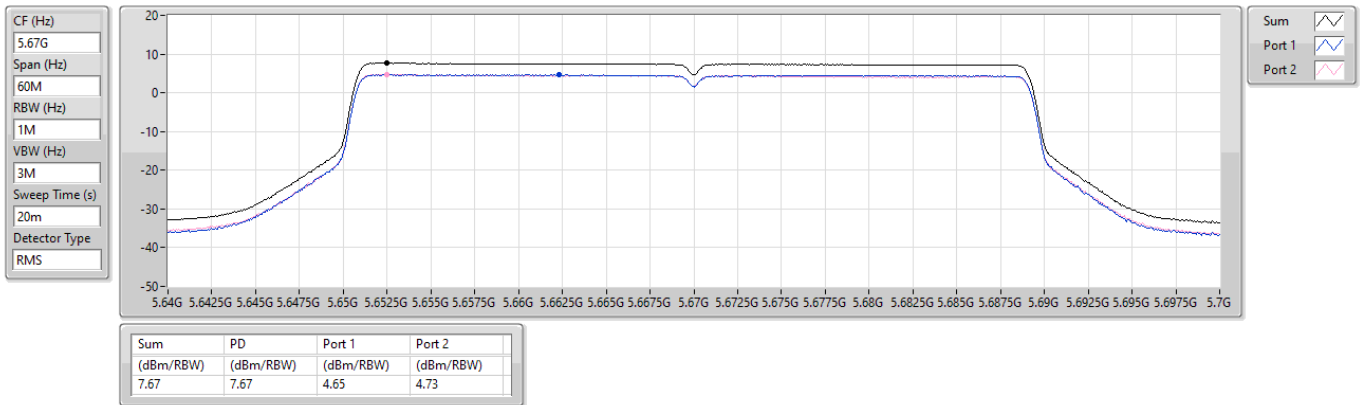


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

18/09/2024

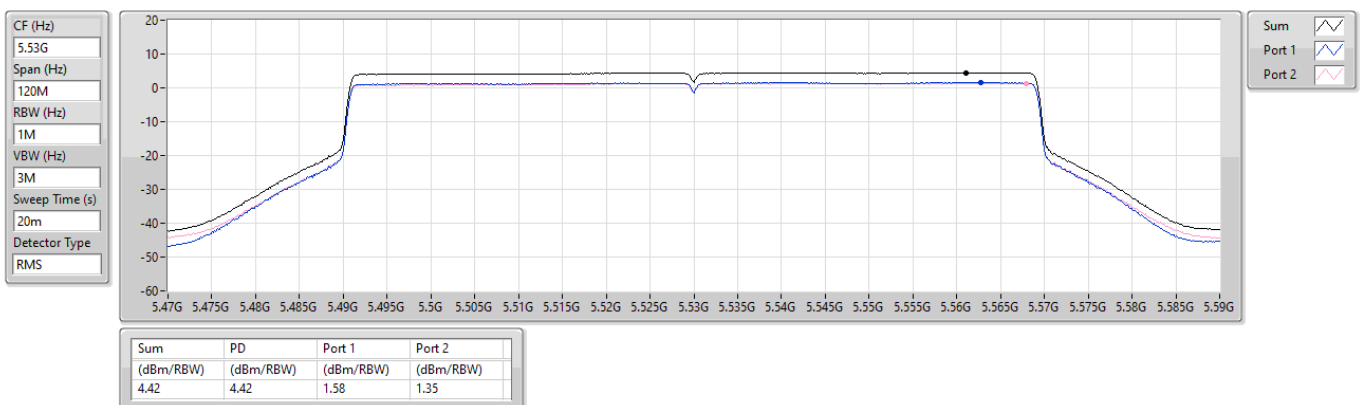


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

18/09/2024

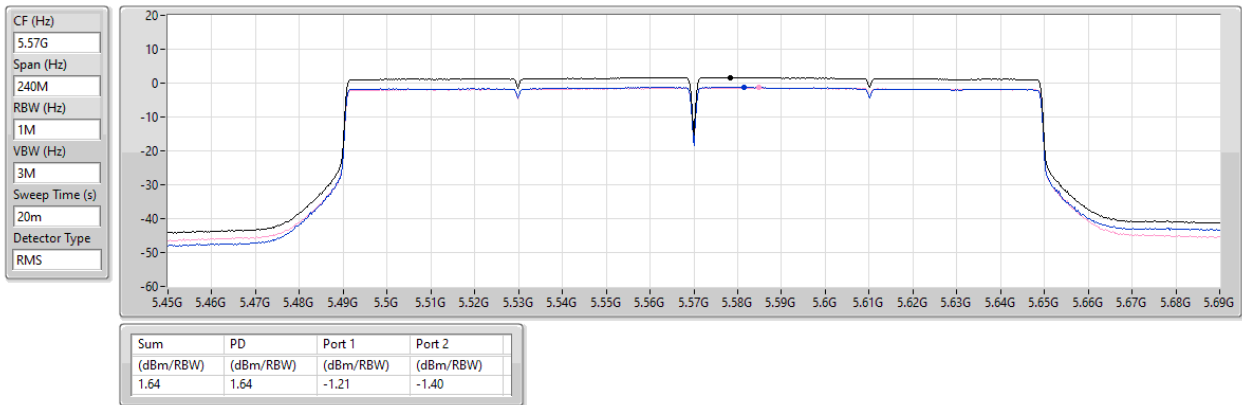


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

PSD

5570MHz

18/09/2024

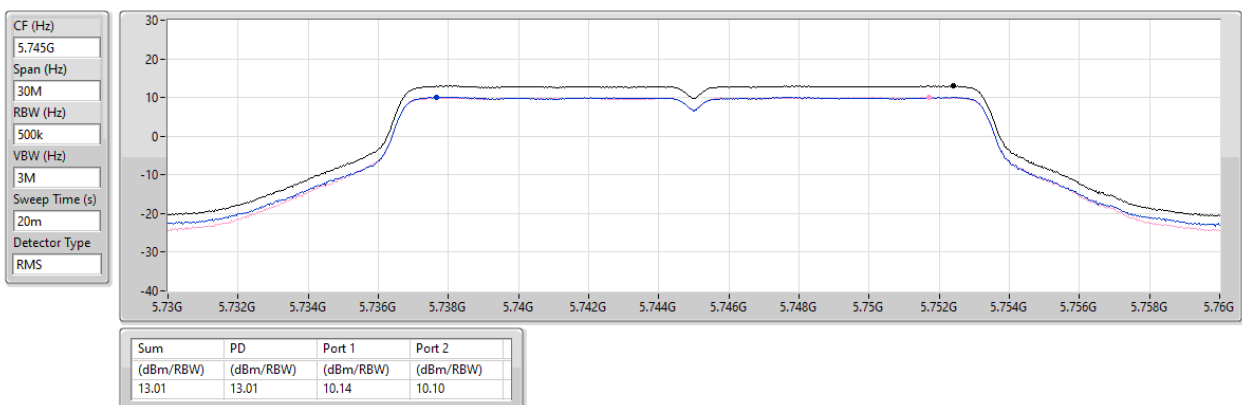


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

18/09/2024



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

PSD

5745MHz

18/09/2024

CF (Hz)
5.745G

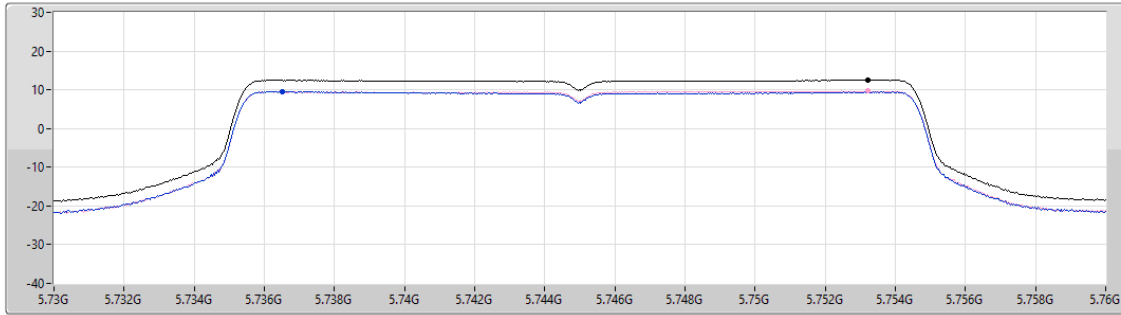
Span (Hz)
30M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.52	12.52	9.52	9.67

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

PSD

5795MHz

18/09/2024

CF (Hz)
5.795G

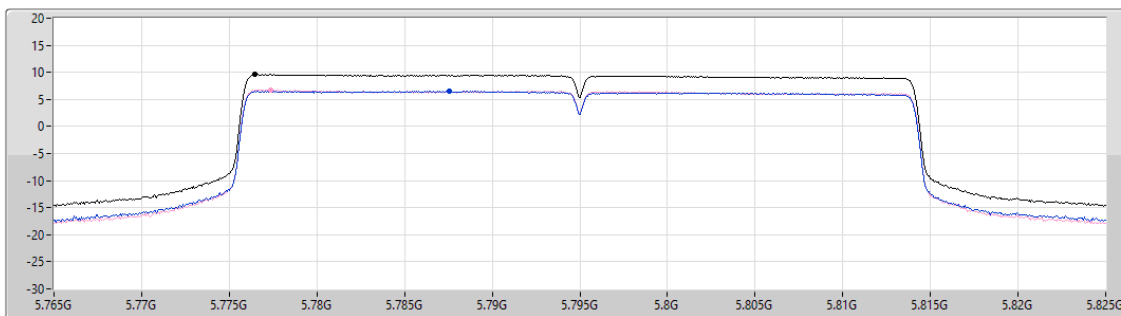
Span (Hz)
60M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

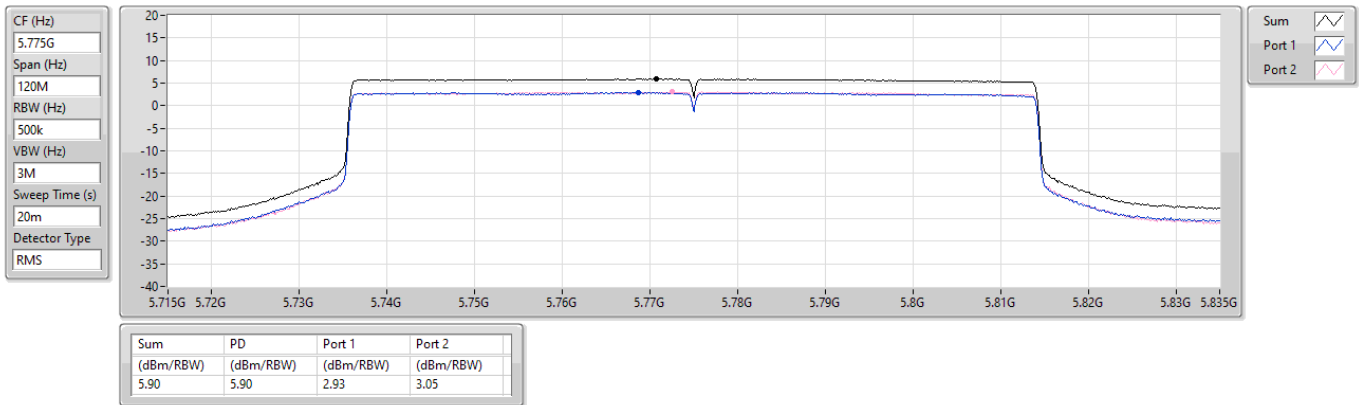
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.59	9.59	6.56	6.73

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

PSD

5775MHz

18/09/2024





Summary

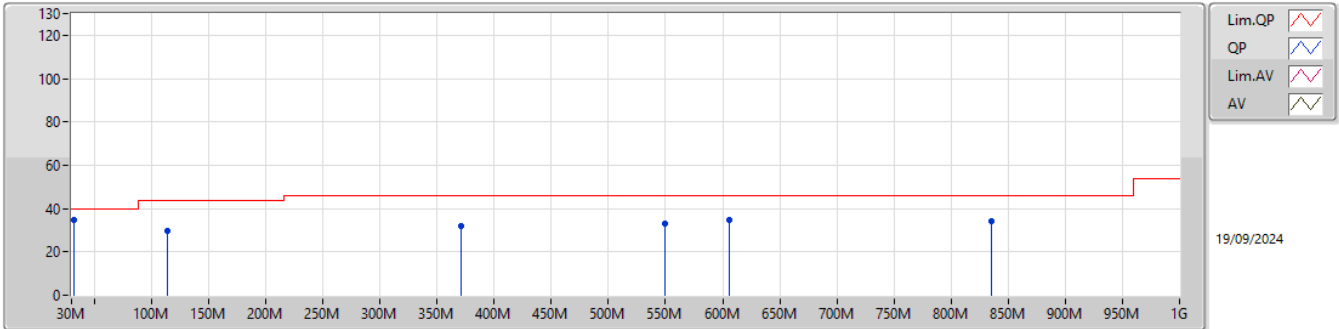
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	31.94M	34.94	40.00	-5.06	3	Vertical	0	1.00

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	Pass	PK	31.94M	34.94	40.00	-5.06	3	Vertical	0	1.00
5775MHz	Pass	PK	113.42M	29.84	43.50	-13.66	3	Vertical	0	1.00
5775MHz	Pass	PK	371.44M	31.73	46.00	-14.27	3	Vertical	0	1.00
5775MHz	Pass	PK	549.92M	33.11	46.00	-12.89	3	Vertical	0	1.00
5775MHz	Pass	PK	606.18M	34.47	46.00	-11.53	3	Vertical	0	1.00
5775MHz	Pass	PK	835.1M	34.36	46.00	-11.64	3	Vertical	0	1.00
5775MHz	Pass	PK	115.36M	32.72	43.50	-10.78	3	Horizontal	360	1.00
5775MHz	Pass	PK	224M	27.98	46.00	-18.02	3	Horizontal	360	1.00
5775MHz	Pass	PK	386.96M	32.22	46.00	-13.78	3	Horizontal	360	1.00
5775MHz	Pass	PK	553.8M	30.30	46.00	-15.70	3	Horizontal	360	1.00
5775MHz	Pass	PK	782.72M	32.15	46.00	-13.85	3	Horizontal	360	1.00
5775MHz	Pass	PK	827.34M	32.27	46.00	-13.73	3	Horizontal	360	1.00

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

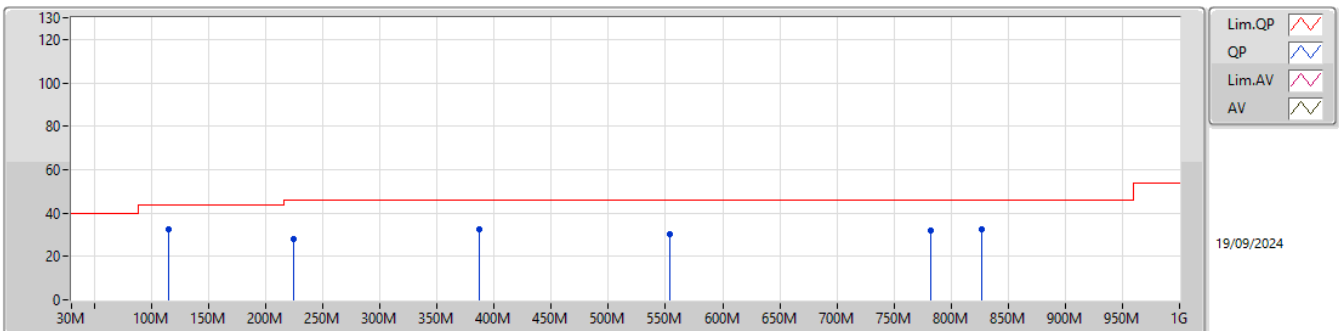
5775MHz_Adapter



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)
PK	31.94M	34.94	40.00	-5.06	-4.29	3	Vertical	0	1.00	39.23	22.46	0.63	27.38
PK	113.42M	29.84	43.50	-13.66	-9.15	3	Vertical	0	1.00	38.99	16.81	1.25	27.21
PK	371.44M	31.73	46.00	-14.27	-4.97	3	Vertical	0	1.00	36.70	19.98	2.23	27.18
PK	549.92M	33.11	46.00	-12.89	-1.93	3	Vertical	0	1.00	35.04	23.94	2.54	28.41
PK	606.18M	34.47	46.00	-11.53	-1.84	3	Vertical	0	1.00	36.31	23.72	2.67	28.23
PK	835.1M	34.36	46.00	-11.64	0.38	3	Vertical	0	1.00	33.98	25.23	3.22	28.07

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

5775MHz_Adapter



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)
PK	115.36M	32.72	43.50	-10.78	-8.99	3	Horizontal	360	1.00	41.71	16.94	1.27	27.20
PK	224M	27.98	46.00	-18.02	-10.48	3	Horizontal	360	1.00	38.46	14.56	1.70	26.74
PK	386.96M	32.22	46.00	-13.78	-4.62	3	Horizontal	360	1.00	36.84	20.35	2.31	27.28
PK	553.8M	30.30	46.00	-15.70	-1.88	3	Horizontal	360	1.00	32.18	23.96	2.55	28.39
PK	782.72M	32.15	46.00	-13.85	-0.15	3	Horizontal	360	1.00	32.30	25.08	3.06	28.29
PK	827.34M	32.27	46.00	-13.73	0.11	3	Horizontal	360	1.00	32.16	25.04	3.19	28.12

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	5.1468G	52.63	54.00	-1.37	3	Vertical	355	1.48
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	5.1496G	53.55	54.00	-0.45	3	Vertical	356	1.60
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	5.1384G	52.75	54.00	-1.25	3	Vertical	357	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	5.14G	53.64	54.00	-0.36	3	Vertical	360	1.50
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.352G	53.25	54.00	-0.75	3	Vertical	360	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	5.35G	53.00	54.00	-1.00	3	Vertical	357	1.49
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	5.3512G	53.21	54.00	-0.79	3	Vertical	360	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	5.354G	53.72	54.00	-0.28	3	Vertical	353	1.50
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	AV	5.358G	53.12	54.00	-0.88	3	Vertical	360	1.50
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.7276G	67.82	68.20	-0.38	3	Vertical	1	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	5.4686G	67.59	68.20	-0.61	3	Vertical	205	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	5.4632G	67.31	68.20	-0.89	3	Vertical	360	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	5.46G	53.48	54.00	-0.52	3	Vertical	0	1.50
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	PK	5.7284G	67.80	68.20	-0.40	3	Vertical	155	1.50
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.9282G	65.18	68.20	-3.02	3	Vertical	168	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	6.05838G	64.88	68.20	-3.32	3	Vertical	169	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	6.0526G	64.60	68.20	-3.60	3	Vertical	169	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	5.6382G	66.84	68.20	-1.36	3	Vertical	178	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	5.1468G	52.63	54.00	-1.37	3	Vertical	355	1.48
5180MHz	Pass	AV	5.1866G	107.66	Inf	-Inf	3	Vertical	355	1.48
5180MHz	Pass	PK	5.1468G	68.08	74.00	-5.92	3	Vertical	355	1.48
5180MHz	Pass	PK	5.1868G	117.87	Inf	-Inf	3	Vertical	355	1.48
5180MHz	Pass	AV	15.53996G	39.27	54.00	-14.73	3	Vertical	274	1.50
5180MHz	Pass	PK	10.35452G	50.68	68.20	-17.52	3	Vertical	288	1.65
5180MHz	Pass	PK	15.53936G	51.27	74.00	-22.73	3	Vertical	274	1.50
5180MHz	Pass	AV	15.54236G	39.46	54.00	-14.54	3	Horizontal	303	1.61
5180MHz	Pass	PK	10.35288G	50.31	68.20	-17.89	3	Horizontal	166	1.48
5180MHz	Pass	PK	15.54168G	51.37	74.00	-22.63	3	Horizontal	303	1.61
5200MHz	Pass	AV	5.1472G	51.52	54.00	-2.48	3	Vertical	357	1.62
5200MHz	Pass	AV	5.2072G	110.13	Inf	-Inf	3	Vertical	357	1.62
5200MHz	Pass	PK	5.146G	65.90	74.00	-8.10	3	Vertical	357	1.62
5200MHz	Pass	PK	5.2072G	120.29	Inf	-Inf	3	Vertical	357	1.62
5200MHz	Pass	AV	15.59864G	41.52	54.00	-12.48	3	Vertical	274	1.50
5200MHz	Pass	PK	10.41792G	50.11	68.20	-18.09	3	Vertical	151	2.52
5200MHz	Pass	PK	15.60024G	53.64	74.00	-20.36	3	Vertical	274	1.50
5200MHz	Pass	AV	15.5928G	42.59	54.00	-11.41	3	Horizontal	300	1.60
5200MHz	Pass	PK	10.40496G	51.31	68.20	-16.89	3	Horizontal	115	1.85
5200MHz	Pass	PK	15.5944G	56.77	74.00	-17.23	3	Horizontal	300	1.60
5240MHz	Pass	AV	5.1424G	46.83	54.00	-7.17	3	Vertical	360	1.50
5240MHz	Pass	AV	5.2424G	108.96	Inf	-Inf	3	Vertical	360	1.50
5240MHz	Pass	PK	5.146G	60.13	74.00	-13.87	3	Vertical	360	1.50
5240MHz	Pass	PK	5.2376G	119.52	Inf	-Inf	3	Vertical	360	1.50
5240MHz	Pass	PK	10.47808G	49.93	68.20	-18.27	3	Vertical	153	1.50
5240MHz	Pass	PK	10.48184G	51.41	68.20	-16.79	3	Horizontal	348	1.50
5260MHz	Pass	AV	5.1472G	49.06	54.00	-4.94	3	Vertical	355	1.50
5260MHz	Pass	AV	5.2564G	109.46	Inf	-Inf	3	Vertical	355	1.50
5260MHz	Pass	AV	5.3578G	49.44	54.00	-4.56	3	Vertical	355	1.50
5260MHz	Pass	PK	5.1238G	63.30	74.00	-10.70	3	Vertical	355	1.50
5260MHz	Pass	PK	5.2564G	119.87	Inf	-Inf	3	Vertical	355	1.50
5260MHz	Pass	PK	5.3926G	63.48	74.00	-10.52	3	Vertical	355	1.50
5260MHz	Pass	PK	10.51752G	50.56	68.20	-17.64	3	Vertical	153	1.50
5260MHz	Pass	PK	10.52148G	51.23	68.20	-16.97	3	Horizontal	345	1.50
5300MHz	Pass	AV	5.2968G	109.83	Inf	-Inf	3	Vertical	356	1.47
5300MHz	Pass	AV	5.35G	51.01	54.00	-2.99	3	Vertical	356	1.47
5300MHz	Pass	PK	5.2968G	120.32	Inf	-Inf	3	Vertical	356	1.47
5300MHz	Pass	PK	5.3504G	65.29	74.00	-8.71	3	Vertical	356	1.47
5300MHz	Pass	AV	10.6008G	37.73	54.00	-16.27	3	Vertical	293	2.06
5300MHz	Pass	PK	10.59608G	51.73	68.20	-16.47	3	Vertical	293	2.06
5300MHz	Pass	AV	10.6018G	38.40	54.00	-15.60	3	Horizontal	346	1.23
5300MHz	Pass	PK	10.59676G	52.26	68.20	-15.94	3	Horizontal	346	1.23
5320MHz	Pass	AV	5.3224G	107.51	Inf	-Inf	3	Vertical	360	1.50
5320MHz	Pass	AV	5.352G	53.25	54.00	-0.75	3	Vertical	360	1.50
5320MHz	Pass	PK	5.3176G	117.93	Inf	-Inf	3	Vertical	360	1.50
5320MHz	Pass	PK	5.3526G	69.84	74.00	-4.16	3	Vertical	360	1.50
5320MHz	Pass	AV	10.6406G	36.91	54.00	-17.09	3	Vertical	293	2.06
5320MHz	Pass	PK	10.64728G	49.75	74.00	-24.25	3	Vertical	293	2.06
5320MHz	Pass	AV	10.64196G	37.04	54.00	-16.96	3	Horizontal	348	1.03
5320MHz	Pass	PK	10.64248G	50.51	74.00	-23.49	3	Horizontal	348	1.03
5500MHz	Pass	AV	5.4576G	50.02	54.00	-3.98	3	Vertical	205	1.50
5500MHz	Pass	AV	5.5068G	108.08	Inf	-Inf	3	Vertical	205	1.50
5500MHz	Pass	PK	5.46G	63.50	74.00	-10.50	3	Vertical	205	1.50
5500MHz	Pass	PK	5.4674G	67.38	68.20	-0.82	3	Vertical	205	1.50
5500MHz	Pass	PK	5.5068G	118.21	Inf	-Inf	3	Vertical	205	1.50
5500MHz	Pass	AV	11.00012G	36.37	54.00	-17.63	3	Vertical	261	1.27
5500MHz	Pass	PK	10.99888G	48.67	74.00	-25.33	3	Vertical	261	1.27
5500MHz	Pass	AV	11.00028G	36.91	54.00	-17.09	3	Horizontal	158	1.01
5500MHz	Pass	PK	11.00536G	49.29	74.00	-24.71	3	Horizontal	158	1.01
5580MHz	Pass	AV	5.4414G	48.95	54.00	-5.05	3	Vertical	0	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	AV	5.5872G	108.58	Inf	-Inf	3	Vertical	0	1.50
5580MHz	Pass	PK	5.4402G	62.70	74.00	-11.30	3	Vertical	0	1.50
5580MHz	Pass	PK	5.4678G	62.03	68.20	-6.17	3	Vertical	0	1.50
5580MHz	Pass	PK	5.5776G	118.76	Inf	-Inf	3	Vertical	0	1.50
5580MHz	Pass	PK	5.7258G	63.35	68.20	-4.85	3	Vertical	0	1.50
5580MHz	Pass	AV	11.15976G	36.31	54.00	-17.69	3	Vertical	294	1.07
5580MHz	Pass	PK	11.16916G	48.52	74.00	-25.48	3	Vertical	294	1.07
5580MHz	Pass	AV	11.1602G	36.44	54.00	-17.56	3	Horizontal	196	1.50
5580MHz	Pass	PK	11.1636G	49.36	74.00	-24.64	3	Horizontal	196	1.50
5700MHz	Pass	AV	5.7072G	107.80	Inf	-Inf	3	Vertical	1	1.50
5700MHz	Pass	PK	5.7068G	118.02	Inf	-Inf	3	Vertical	1	1.50
5700MHz	Pass	PK	5.7276G	67.82	68.20	-0.38	3	Vertical	1	1.50
5700MHz	Pass	AV	11.39664G	37.09	54.00	-16.91	3	Vertical	298	2.34
5700MHz	Pass	PK	11.40336G	50.55	74.00	-23.45	3	Vertical	298	2.34
5700MHz	Pass	AV	11.39592G	36.97	54.00	-17.03	3	Horizontal	110	1.50
5700MHz	Pass	PK	11.39028G	49.72	74.00	-24.28	3	Horizontal	110	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4296G	49.03	54.00	-4.97	3	Vertical	2	1.49
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	109.28	Inf	-Inf	3	Vertical	2	1.49
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4332G	62.95	74.00	-11.05	3	Vertical	2	1.49
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	62.55	68.20	-5.65	3	Vertical	2	1.49
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	120.05	Inf	-Inf	3	Vertical	2	1.49
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8772G	64.98	68.20	-3.22	3	Vertical	2	1.49
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44172G	37.71	54.00	-16.29	3	Vertical	124	1.69
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43292G	51.23	74.00	-22.77	3	Vertical	124	1.69
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43992G	38.20	54.00	-15.80	3	Horizontal	114	1.73
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43544G	51.49	74.00	-22.51	3	Horizontal	114	1.73
5745MHz	Pass	AV	5.4534G	48.97	54.00	-5.03	3	Vertical	170	1.48
5745MHz	Pass	AV	5.7522G	109.56	Inf	-Inf	3	Vertical	170	1.48
5745MHz	Pass	PK	5.5074G	63.38	68.20	-4.82	3	Vertical	170	1.48
5745MHz	Pass	PK	5.7522G	119.99	Inf	-Inf	3	Vertical	170	1.48
5745MHz	Pass	PK	6.003G	64.34	68.20	-3.86	3	Vertical	170	1.48
5745MHz	Pass	AV	11.49004G	37.05	54.00	-16.95	3	Vertical	100	1.50
5745MHz	Pass	PK	11.48408G	49.76	74.00	-24.24	3	Vertical	100	1.50
5745MHz	Pass	AV	11.49032G	37.77	54.00	-16.23	3	Horizontal	126	2.26
5745MHz	Pass	PK	11.49144G	50.73	74.00	-23.27	3	Horizontal	126	2.26
5785MHz	Pass	AV	5.77766G	109.56	Inf	-Inf	3	Vertical	168	1.50
5785MHz	Pass	PK	5.56954G	63.06	68.20	-5.14	3	Vertical	168	1.50
5785MHz	Pass	PK	5.77766G	119.79	Inf	-Inf	3	Vertical	168	1.50
5785MHz	Pass	PK	6.03781G	64.44	68.20	-3.76	3	Vertical	168	1.50
5785MHz	Pass	AV	11.5604G	36.04	54.00	-17.96	3	Vertical	221	1.50
5785MHz	Pass	PK	11.5602G	49.11	74.00	-24.89	3	Vertical	221	1.50
5785MHz	Pass	AV	11.57188G	37.31	54.00	-16.69	3	Horizontal	118	1.00
5785MHz	Pass	PK	11.56768G	50.38	74.00	-23.62	3	Horizontal	118	1.00
5825MHz	Pass	AV	5.8178G	109.14	Inf	-Inf	3	Vertical	168	1.50
5825MHz	Pass	PK	5.651G	64.27	68.94	-4.67	3	Vertical	168	1.50
5825MHz	Pass	PK	5.8178G	119.49	Inf	-Inf	3	Vertical	168	1.50
5825MHz	Pass	PK	5.9282G	65.18	68.20	-3.02	3	Vertical	168	1.50
5825MHz	Pass	AV	11.64028G	35.25	54.00	-18.75	3	Vertical	334	1.50
5825MHz	Pass	PK	11.6496G	48.25	74.00	-25.75	3	Vertical	334	1.50
5825MHz	Pass	AV	11.64032G	35.26	54.00	-18.74	3	Horizontal	134	1.50
5825MHz	Pass	PK	11.64804G	47.91	74.00	-26.09	3	Horizontal	134	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.1492G	51.62	54.00	-2.38	3	Vertical	358	1.65
5180MHz	Pass	AV	5.1886G	106.92	Inf	-Inf	3	Vertical	358	1.65
5180MHz	Pass	PK	5.148G	65.55	74.00	-8.45	3	Vertical	358	1.65
5180MHz	Pass	PK	5.188G	119.84	Inf	-Inf	3	Vertical	358	1.65
5180MHz	Pass	PK	10.36432G	48.91	68.20	-19.29	3	Vertical	287	2.09
5180MHz	Pass	PK	10.3516G	48.85	68.20	-19.35	3	Horizontal	339	1.55
5200MHz	Pass	AV	5.1496G	53.55	54.00	-0.45	3	Vertical	356	1.60
5200MHz	Pass	AV	5.2072G	110.22	Inf	-Inf	3	Vertical	356	1.60
5200MHz	Pass	PK	5.1472G	72.92	74.00	-1.08	3	Vertical	356	1.60
5200MHz	Pass	PK	5.2076G	123.46	Inf	-Inf	3	Vertical	356	1.60

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5200MHz	Pass	PK	10.40432G	50.27	68.20	-17.93	3	Vertical	120	1.72
5200MHz	Pass	PK	10.40652G	50.95	68.20	-17.25	3	Horizontal	115	1.80
5240MHz	Pass	AV	5.15G	49.23	54.00	-4.77	3	Vertical	360	1.58
5240MHz	Pass	AV	5.2484G	109.84	Inf	-Inf	3	Vertical	360	1.58
5240MHz	Pass	AV	5.3504G	49.35	54.00	-4.65	3	Vertical	360	1.58
5240MHz	Pass	PK	5.1482G	62.20	74.00	-11.80	3	Vertical	360	1.58
5240MHz	Pass	PK	5.249G	122.61	Inf	-Inf	3	Vertical	360	1.58
5240MHz	Pass	PK	5.3792G	63.03	74.00	-10.97	3	Vertical	360	1.58
5240MHz	Pass	PK	10.48364G	49.75	68.20	-18.45	3	Vertical	294	1.50
5240MHz	Pass	PK	10.4702G	50.76	68.20	-17.44	3	Horizontal	346	1.66
5260MHz	Pass	AV	5.1388G	48.96	54.00	-5.04	3	Vertical	360	1.40
5260MHz	Pass	AV	5.2684G	109.21	Inf	-Inf	3	Vertical	360	1.40
5260MHz	Pass	AV	5.3548G	49.38	54.00	-4.62	3	Vertical	360	1.40
5260MHz	Pass	PK	5.15G	62.67	74.00	-11.33	3	Vertical	360	1.40
5260MHz	Pass	PK	5.2672G	122.68	Inf	-Inf	3	Vertical	360	1.40
5260MHz	Pass	PK	5.3596G	63.70	74.00	-10.30	3	Vertical	360	1.40
5260MHz	Pass	PK	10.52012G	49.65	68.20	-18.55	3	Vertical	292	2.07
5260MHz	Pass	PK	10.52616G	50.23	68.20	-17.97	3	Horizontal	344	1.47
5300MHz	Pass	AV	5.308G	109.50	Inf	-Inf	3	Vertical	357	1.49
5300MHz	Pass	AV	5.35G	53.00	54.00	-1.00	3	Vertical	357	1.49
5300MHz	Pass	PK	5.3072G	122.25	Inf	-Inf	3	Vertical	357	1.49
5300MHz	Pass	PK	5.3504G	70.68	74.00	-3.32	3	Vertical	357	1.49
5300MHz	Pass	PK	10.59912G	49.98	68.20	-18.22	3	Vertical	293	1.70
5300MHz	Pass	AV	10.6066G	36.96	54.00	-17.04	3	Horizontal	350	1.13
5300MHz	Pass	PK	10.60932G	50.06	74.00	-23.94	3	Horizontal	350	1.13
5320MHz	Pass	AV	5.3228G	107.43	Inf	-Inf	3	Vertical	349	1.50
5320MHz	Pass	AV	5.35G	52.61	54.00	-1.39	3	Vertical	349	1.50
5320MHz	Pass	PK	5.3236G	120.44	Inf	-Inf	3	Vertical	349	1.50
5320MHz	Pass	PK	5.3586G	70.68	74.00	-3.32	3	Vertical	349	1.50
5320MHz	Pass	AV	10.64096G	35.41	54.00	-18.59	3	Vertical	119	1.50
5320MHz	Pass	PK	10.63496G	49.28	74.00	-24.72	3	Vertical	119	1.50
5320MHz	Pass	AV	10.6446G	35.76	54.00	-18.24	3	Horizontal	341	1.50
5320MHz	Pass	PK	10.64748G	49.21	74.00	-24.79	3	Horizontal	341	1.50
5500MHz	Pass	AV	5.4504G	49.59	54.00	-4.41	3	Vertical	205	1.50
5500MHz	Pass	AV	5.5074G	107.57	Inf	-Inf	3	Vertical	205	1.50
5500MHz	Pass	PK	5.4506G	63.59	74.00	-10.41	3	Vertical	205	1.50
5500MHz	Pass	PK	5.4686G	67.59	68.20	-0.61	3	Vertical	205	1.50
5500MHz	Pass	PK	5.5064G	120.73	Inf	-Inf	3	Vertical	205	1.50
5500MHz	Pass	AV	10.99948G	35.44	54.00	-18.56	3	Vertical	257	1.04
5500MHz	Pass	PK	11.00452G	48.82	74.00	-25.18	3	Vertical	257	1.04
5500MHz	Pass	AV	11.00096G	35.99	54.00	-18.01	3	Horizontal	107	1.70
5500MHz	Pass	PK	11.00184G	49.64	74.00	-24.36	3	Horizontal	107	1.70
5580MHz	Pass	AV	5.43G	48.92	54.00	-5.08	3	Vertical	0	1.50
5580MHz	Pass	AV	5.589G	108.52	Inf	-Inf	3	Vertical	0	1.50
5580MHz	Pass	PK	5.433G	62.46	74.00	-11.54	3	Vertical	0	1.50
5580MHz	Pass	PK	5.4642G	62.35	68.20	-5.85	3	Vertical	0	1.50
5580MHz	Pass	PK	5.5884G	121.23	Inf	-Inf	3	Vertical	0	1.50
5580MHz	Pass	PK	5.7252G	63.28	68.20	-4.92	3	Vertical	0	1.50
5580MHz	Pass	AV	11.15992G	35.70	54.00	-18.30	3	Vertical	279	1.50
5580MHz	Pass	PK	11.15988G	48.54	74.00	-25.46	3	Vertical	279	1.50
5580MHz	Pass	AV	11.16112G	35.66	54.00	-18.34	3	Horizontal	156	1.50
5580MHz	Pass	PK	11.16808G	49.20	74.00	-24.80	3	Horizontal	156	1.50
5700MHz	Pass	AV	5.7088G	102.66	Inf	-Inf	3	Vertical	0	1.50
5700MHz	Pass	PK	5.7084G	115.68	Inf	-Inf	3	Vertical	0	1.50
5700MHz	Pass	PK	5.7256G	66.32	68.20	-1.88	3	Vertical	0	1.50
5700MHz	Pass	AV	11.39068G	36.23	54.00	-17.77	3	Vertical	168	1.50
5700MHz	Pass	PK	11.39716G	49.79	74.00	-24.21	3	Vertical	168	1.50
5700MHz	Pass	AV	11.39144G	36.22	54.00	-17.78	3	Horizontal	25	3.00
5700MHz	Pass	PK	11.3984G	49.17	74.00	-24.83	3	Horizontal	25	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4368G	48.97	54.00	-5.03	3	Vertical	171	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7284G	109.00	Inf	-Inf	3	Vertical	171	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4296G	62.27	74.00	-11.73	3	Vertical	171	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	61.47	68.20	-6.73	3	Vertical	171	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7284G	121.18	Inf	-Inf	3	Vertical	171	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9216G	64.41	68.20	-3.79	3	Vertical	171	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43968G	36.61	54.00	-17.39	3	Vertical	96	1.75
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43868G	50.00	74.00	-24.00	3	Vertical	96	1.75
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.4402G	37.60	54.00	-16.40	3	Horizontal	113	1.67
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4426G	50.29	74.00	-23.71	3	Horizontal	113	1.67
5745MHz	Pass	AV	5.4462G	48.94	54.00	-5.06	3	Vertical	172	1.36
5745MHz	Pass	AV	5.7522G	109.89	Inf	-Inf	3	Vertical	172	1.36
5745MHz	Pass	PK	5.6382G	63.28	68.20	-4.92	3	Vertical	172	1.36
5745MHz	Pass	PK	5.7534G	122.79	Inf	-Inf	3	Vertical	172	1.36
5745MHz	Pass	PK	5.9382G	64.62	68.20	-3.58	3	Vertical	172	1.36
5745MHz	Pass	AV	11.48004G	35.98	54.00	-18.02	3	Vertical	12	1.50
5745MHz	Pass	PK	11.48808G	49.78	74.00	-24.22	3	Vertical	12	1.50
5745MHz	Pass	AV	11.48972G	37.00	54.00	-17.00	3	Horizontal	120	1.61
5745MHz	Pass	PK	11.48168G	50.63	74.00	-23.37	3	Horizontal	120	1.61
5785MHz	Pass	AV	5.77645G	109.27	Inf	-Inf	3	Vertical	169	1.50
5785MHz	Pass	PK	5.48484G	63.19	68.20	-5.01	3	Vertical	169	1.50
5785MHz	Pass	PK	5.77524G	121.37	Inf	-Inf	3	Vertical	169	1.50
5785MHz	Pass	PK	6.05838G	64.88	68.20	-3.32	3	Vertical	169	1.50
5785MHz	Pass	AV	11.56012G	35.78	54.00	-18.22	3	Vertical	3	1.50
5785MHz	Pass	PK	11.57644G	49.39	74.00	-24.61	3	Vertical	3	1.50
5785MHz	Pass	AV	11.57244G	36.08	54.00	-17.92	3	Horizontal	276	1.64
5785MHz	Pass	PK	11.56128G	49.85	74.00	-24.15	3	Horizontal	276	1.64
5825MHz	Pass	AV	5.8166G	109.14	Inf	-Inf	3	Vertical	167	1.50
5825MHz	Pass	PK	5.603G	63.21	68.20	-4.99	3	Vertical	167	1.50
5825MHz	Pass	PK	5.8166G	122.18	Inf	-Inf	3	Vertical	167	1.50
5825MHz	Pass	PK	5.9282G	64.53	68.20	-3.67	3	Vertical	167	1.50
5825MHz	Pass	AV	11.6402G	35.34	54.00	-18.66	3	Vertical	65	1.03
5825MHz	Pass	PK	11.65308G	48.56	74.00	-25.44	3	Vertical	65	1.03
5825MHz	Pass	AV	11.64024G	35.40	54.00	-18.60	3	Horizontal	99	1.50
5825MHz	Pass	PK	11.647G	48.95	74.00	-25.05	3	Horizontal	99	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	52.69	54.00	-1.31	3	Vertical	355	1.50
5190MHz	Pass	AV	5.1972G	102.20	Inf	-Inf	3	Vertical	355	1.50
5190MHz	Pass	PK	5.1404G	66.60	74.00	-7.40	3	Vertical	355	1.50
5190MHz	Pass	PK	5.1788G	114.06	Inf	-Inf	3	Vertical	355	1.50
5190MHz	Pass	PK	10.36816G	49.47	68.20	-18.73	3	Vertical	13	1.50
5190MHz	Pass	PK	10.38488G	49.15	68.20	-19.05	3	Horizontal	174	1.50
5230MHz	Pass	AV	5.1384G	52.75	54.00	-1.25	3	Vertical	357	1.50
5230MHz	Pass	AV	5.238G	106.25	Inf	-Inf	3	Vertical	357	1.50
5230MHz	Pass	PK	5.1428G	68.49	74.00	-5.51	3	Vertical	357	1.50
5230MHz	Pass	PK	5.2384G	119.07	Inf	-Inf	3	Vertical	357	1.50
5230MHz	Pass	PK	10.45696G	49.39	68.20	-18.81	3	Vertical	152	1.50
5230MHz	Pass	PK	10.45544G	49.57	68.20	-18.63	3	Horizontal	344	1.50
5270MHz	Pass	AV	5.2796G	105.53	Inf	-Inf	3	Vertical	360	1.50
5270MHz	Pass	AV	5.3512G	53.21	54.00	-0.79	3	Vertical	360	1.50
5270MHz	Pass	PK	5.2564G	118.47	Inf	-Inf	3	Vertical	360	1.50
5270MHz	Pass	PK	5.3532G	68.87	74.00	-5.13	3	Vertical	360	1.50
5270MHz	Pass	PK	10.54104G	48.56	68.20	-19.64	3	Vertical	295	1.73
5270MHz	Pass	PK	10.5332G	49.36	68.20	-18.84	3	Horizontal	346	1.44
5310MHz	Pass	AV	5.2948G	100.82	Inf	-Inf	3	Vertical	352	1.50
5310MHz	Pass	AV	5.3528G	52.78	54.00	-1.22	3	Vertical	352	1.50
5310MHz	Pass	PK	5.2948G	113.43	Inf	-Inf	3	Vertical	352	1.50
5310MHz	Pass	PK	5.3528G	66.56	74.00	-7.44	3	Vertical	352	1.50
5310MHz	Pass	AV	10.61208G	35.94	54.00	-18.06	3	Vertical	222	1.50
5310MHz	Pass	PK	10.61424G	48.90	74.00	-25.10	3	Vertical	222	1.50
5310MHz	Pass	AV	10.60976G	35.85	54.00	-18.15	3	Horizontal	74	2.09
5310MHz	Pass	PK	10.62904G	48.78	74.00	-25.22	3	Horizontal	74	2.09
5510MHz	Pass	AV	5.46G	51.86	54.00	-2.14	3	Vertical	360	1.50
5510MHz	Pass	AV	5.5188G	103.79	Inf	-Inf	3	Vertical	360	1.50
5510MHz	Pass	PK	5.4564G	67.41	74.00	-6.59	3	Vertical	360	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5510MHz	Pass	PK	5.4632G	67.31	68.20	-0.89	3	Vertical	360	1.50
5510MHz	Pass	PK	5.5188G	115.74	Inf	-Inf	3	Vertical	360	1.50
5510MHz	Pass	AV	11.01912G	35.76	54.00	-18.24	3	Vertical	0	1.95
5510MHz	Pass	PK	11.03512G	49.12	74.00	-24.88	3	Vertical	0	1.95
5510MHz	Pass	AV	11.02G	35.82	54.00	-18.18	3	Horizontal	202	1.50
5510MHz	Pass	PK	11.0264G	48.87	74.00	-25.13	3	Horizontal	202	1.50
5550MHz	Pass	AV	5.46G	50.33	54.00	-3.67	3	Vertical	173	1.50
5550MHz	Pass	AV	5.5376G	105.17	Inf	-Inf	3	Vertical	173	1.50
5550MHz	Pass	PK	5.4592G	63.31	74.00	-10.69	3	Vertical	173	1.50
5550MHz	Pass	PK	5.4608G	64.29	68.20	-3.91	3	Vertical	173	1.50
5550MHz	Pass	PK	5.5372G	118.79	Inf	-Inf	3	Vertical	173	1.50
5550MHz	Pass	AV	11.11136G	35.54	54.00	-18.46	3	Vertical	360	1.62
5550MHz	Pass	PK	11.08312G	49.69	74.00	-24.31	3	Vertical	360	1.62
5550MHz	Pass	AV	11.10256G	36.36	54.00	-17.64	3	Horizontal	108	1.64
5550MHz	Pass	PK	11.10216G	49.04	74.00	-24.96	3	Horizontal	108	1.64
5670MHz	Pass	AV	5.6676G	103.41	Inf	-Inf	3	Vertical	156	1.50
5670MHz	Pass	PK	5.667G	116.13	Inf	-Inf	3	Vertical	156	1.50
5670MHz	Pass	PK	5.7252G	66.29	68.20	-1.91	3	Vertical	156	1.50
5670MHz	Pass	AV	11.34736G	36.83	54.00	-17.17	3	Vertical	315	1.50
5670MHz	Pass	PK	11.32648G	50.28	74.00	-23.72	3	Vertical	315	1.50
5670MHz	Pass	AV	11.34616G	36.82	54.00	-17.18	3	Horizontal	86	1.50
5670MHz	Pass	PK	11.3556G	49.75	74.00	-24.25	3	Horizontal	86	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.41G	49.06	54.00	-4.94	3	Vertical	180	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.6932G	106.21	Inf	-Inf	3	Vertical	180	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4424G	62.82	74.00	-11.18	3	Vertical	180	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	63.02	68.20	-5.18	3	Vertical	180	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.6956G	119.09	Inf	-Inf	3	Vertical	180	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.9392G	64.44	68.20	-3.76	3	Vertical	180	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42696G	36.72	54.00	-17.28	3	Vertical	97	2.84
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.428G	49.86	74.00	-24.14	3	Vertical	97	2.84
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42616G	36.64	54.00	-17.36	3	Horizontal	147	1.33
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42832G	50.26	74.00	-23.74	3	Horizontal	147	1.33
5755MHz	Pass	AV	5.4562G	49.05	54.00	-4.95	3	Vertical	169	1.50
5755MHz	Pass	AV	5.7658G	106.44	Inf	-Inf	3	Vertical	169	1.50
5755MHz	Pass	PK	5.647G	63.93	68.20	-4.27	3	Vertical	169	1.50
5755MHz	Pass	PK	5.7658G	118.90	Inf	-Inf	3	Vertical	169	1.50
5755MHz	Pass	PK	6.0526G	64.60	68.20	-3.60	3	Vertical	169	1.50
5755MHz	Pass	AV	11.5236G	36.43	54.00	-17.57	3	Vertical	18	1.50
5755MHz	Pass	PK	11.49064G	50.12	74.00	-23.88	3	Vertical	18	1.50
5755MHz	Pass	AV	11.51944G	36.58	54.00	-17.42	3	Horizontal	360	2.37
5755MHz	Pass	PK	11.51272G	49.38	74.00	-24.62	3	Horizontal	360	2.37
5795MHz	Pass	AV	5.783G	106.52	Inf	-Inf	3	Vertical	170	1.50
5795MHz	Pass	PK	5.6462G	63.44	68.20	-4.76	3	Vertical	170	1.50
5795MHz	Pass	PK	5.7818G	119.82	Inf	-Inf	3	Vertical	170	1.50
5795MHz	Pass	PK	5.9966G	64.20	68.20	-4.00	3	Vertical	170	1.50
5795MHz	Pass	AV	11.57192G	36.11	54.00	-17.89	3	Vertical	160	1.66
5795MHz	Pass	PK	11.60776G	48.79	74.00	-25.21	3	Vertical	160	1.66
5795MHz	Pass	AV	11.57424G	36.12	54.00	-17.88	3	Horizontal	188	1.05
5795MHz	Pass	PK	11.6052G	48.76	74.00	-25.24	3	Horizontal	188	1.05
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.14G	53.64	54.00	-0.36	3	Vertical	360	1.50
5210MHz	Pass	AV	5.24G	99.39	Inf	-Inf	3	Vertical	360	1.50
5210MHz	Pass	AV	5.36G	47.40	54.00	-6.60	3	Vertical	360	1.50
5210MHz	Pass	PK	5.139G	66.10	74.00	-7.90	3	Vertical	360	1.50
5210MHz	Pass	PK	5.238G	112.03	Inf	-Inf	3	Vertical	360	1.50
5210MHz	Pass	PK	5.372G	60.60	74.00	-13.40	3	Vertical	360	1.50
5210MHz	Pass	PK	10.44752G	48.58	68.20	-19.62	3	Vertical	125	1.50
5210MHz	Pass	PK	10.45536G	48.80	68.20	-19.40	3	Horizontal	301	1.50
5290MHz	Pass	AV	5.136G	47.29	54.00	-6.71	3	Vertical	353	1.50
5290MHz	Pass	AV	5.295G	98.58	Inf	-Inf	3	Vertical	353	1.50
5290MHz	Pass	AV	5.354G	53.72	54.00	-0.28	3	Vertical	353	1.50
5290MHz	Pass	PK	5.139G	61.29	74.00	-12.71	3	Vertical	353	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5290MHz	Pass	PK	5.256G	110.07	Inf	-Inf	3	Vertical	353	1.50
5290MHz	Pass	PK	5.356G	66.30	74.00	-7.70	3	Vertical	353	1.50
5290MHz	Pass	PK	5.506G	60.33	68.20	-7.87	3	Vertical	353	1.50
5290MHz	Pass	AV	10.61456G	35.86	54.00	-18.14	3	Vertical	80	1.50
5290MHz	Pass	PK	10.57376G	48.85	68.20	-19.35	3	Vertical	80	1.50
5290MHz	Pass	AV	10.60768G	35.77	54.00	-18.23	3	Horizontal	81	1.50
5290MHz	Pass	PK	10.57488G	48.52	68.20	-19.68	3	Horizontal	81	1.50
5530MHz	Pass	AV	5.35G	46.91	54.00	-7.09	3	Vertical	0	1.50
5530MHz	Pass	AV	5.46G	53.48	54.00	-0.52	3	Vertical	0	1.50
5530MHz	Pass	AV	5.52G	100.29	Inf	-Inf	3	Vertical	0	1.50
5530MHz	Pass	PK	5.31G	60.28	68.20	-7.92	3	Vertical	0	1.50
5530MHz	Pass	PK	5.459G	66.44	74.00	-7.56	3	Vertical	0	1.50
5530MHz	Pass	PK	5.462G	66.73	68.20	-1.47	3	Vertical	0	1.50
5530MHz	Pass	PK	5.52G	112.93	Inf	-Inf	3	Vertical	0	1.50
5530MHz	Pass	PK	5.744G	61.80	68.20	-6.40	3	Vertical	0	1.50
5530MHz	Pass	AV	11.0544G	35.88	54.00	-18.12	3	Vertical	129	2.08
5530MHz	Pass	PK	11.08304G	48.92	74.00	-25.08	3	Vertical	129	2.08
5530MHz	Pass	AV	11.09712G	35.80	54.00	-18.20	3	Horizontal	139	1.50
5530MHz	Pass	PK	11.0888G	48.61	74.00	-25.39	3	Horizontal	139	1.50
5610MHz	Pass	AV	5.452G	48.31	54.00	-5.69	3	Vertical	155	1.50
5610MHz	Pass	AV	5.59G	101.36	Inf	-Inf	3	Vertical	155	1.50
5610MHz	Pass	PK	5.453G	62.04	74.00	-11.96	3	Vertical	155	1.50
5610MHz	Pass	PK	5.469G	62.41	68.20	-5.79	3	Vertical	155	1.50
5610MHz	Pass	PK	5.649G	114.19	Inf	-Inf	3	Vertical	155	1.50
5610MHz	Pass	PK	5.73G	66.61	68.20	-1.59	3	Vertical	155	1.50
5610MHz	Pass	AV	11.2576G	36.57	54.00	-17.43	3	Vertical	339	1.33
5610MHz	Pass	PK	11.19328G	50.07	74.00	-23.93	3	Vertical	339	1.33
5610MHz	Pass	AV	11.25808G	36.52	54.00	-17.48	3	Horizontal	25	1.50
5610MHz	Pass	PK	11.24176G	49.39	74.00	-24.61	3	Horizontal	25	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4488G	47.81	54.00	-6.19	3	Vertical	156	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6684G	102.77	Inf	-Inf	3	Vertical	156	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4452G	61.29	74.00	-12.71	3	Vertical	156	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	61.61	68.20	-6.59	3	Vertical	156	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6684G	115.40	Inf	-Inf	3	Vertical	156	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8664G	64.76	68.20	-3.44	3	Vertical	156	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39216G	36.99	54.00	-17.01	3	Vertical	101	1.43
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.40032G	50.18	74.00	-23.82	3	Vertical	101	1.43
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3584G	36.88	54.00	-17.12	3	Horizontal	159	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3872G	50.88	74.00	-23.12	3	Horizontal	159	1.50
5775MHz	Pass	AV	5.7798G	102.76	Inf	-Inf	3	Vertical	178	1.50
5775MHz	Pass	PK	5.6382G	66.84	68.20	-1.36	3	Vertical	178	1.50
5775MHz	Pass	PK	5.7378G	114.75	Inf	-Inf	3	Vertical	178	1.50
5775MHz	Pass	PK	5.9346G	61.34	68.20	-6.86	3	Vertical	178	1.50
5775MHz	Pass	AV	11.52328G	36.53	54.00	-17.47	3	Vertical	194	1.00
5775MHz	Pass	PK	11.52504G	49.49	74.00	-24.51	3	Vertical	194	1.00
5775MHz	Pass	AV	11.51944G	36.58	54.00	-17.42	3	Horizontal	360	1.50
5775MHz	Pass	PK	11.58456G	49.79	74.00	-24.21	3	Horizontal	360	1.50
802.11be EHT160_Nss1(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.1396G	52.12	54.00	-1.88	3	Vertical	360	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.2392G	96.72	Inf	-Inf	3	Vertical	360	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.358G	53.12	54.00	-0.88	3	Vertical	360	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1372G	64.46	74.00	-9.54	3	Vertical	360	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.2788G	109.62	Inf	-Inf	3	Vertical	360	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.4072G	66.58	74.00	-7.42	3	Vertical	360	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.4612G	61.49	68.20	-6.71	3	Vertical	360	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.55152G	49.21	68.20	-18.99	3	Vertical	271	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	10.43056G	48.71	68.20	-19.49	3	Horizontal	316	2.22
5570MHz	Pass	AV	5.4512G	52.14	54.00	-1.86	3	Vertical	155	1.50
5570MHz	Pass	AV	5.5904G	97.25	Inf	-Inf	3	Vertical	155	1.50
5570MHz	Pass	PK	5.3084G	60.82	68.20	-7.38	3	Vertical	155	1.50
5570MHz	Pass	PK	5.4464G	65.07	74.00	-8.93	3	Vertical	155	1.50
5570MHz	Pass	PK	5.468G	65.83	68.20	-2.37	3	Vertical	155	1.50



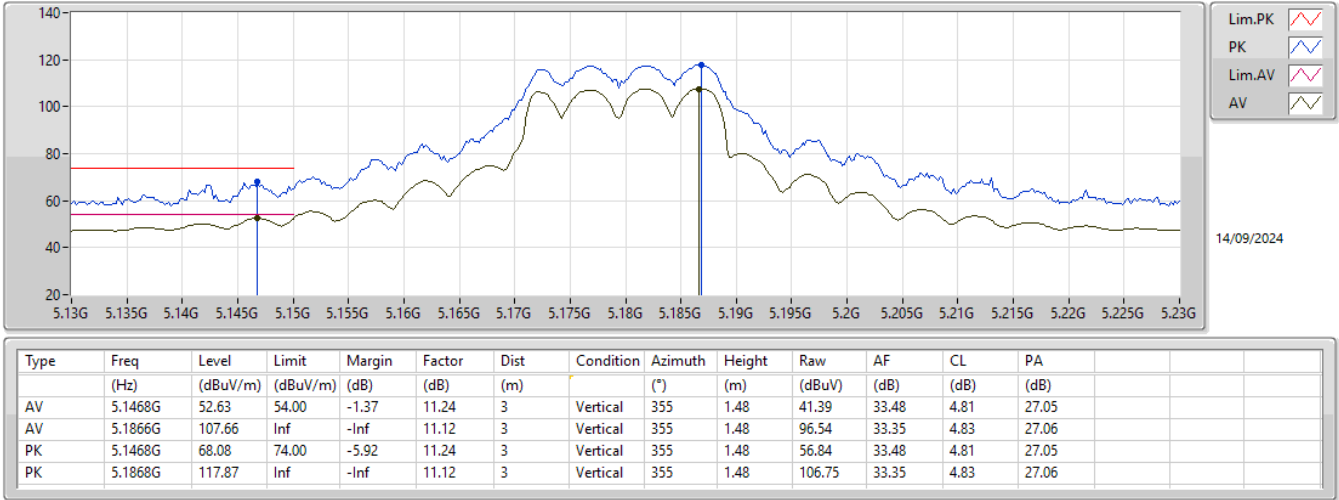
RSE TX above 1GHz_Non-Beamforming

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	PK	5.5688G	109.61	Inf	-Inf	3	Vertical	155	1.50
5570MHz	Pass	PK	5.7284G	67.80	68.20	-0.40	3	Vertical	155	1.50
5570MHz	Pass	AV	11.21456G	36.35	54.00	-17.65	3	Vertical	360	2.41
5570MHz	Pass	PK	11.21776G	50.43	74.00	-23.57	3	Vertical	360	2.41
5570MHz	Pass	AV	11.21744G	36.44	54.00	-17.56	3	Horizontal	202	1.07
5570MHz	Pass	PK	11.13648G	49.04	74.00	-24.96	3	Horizontal	202	1.07

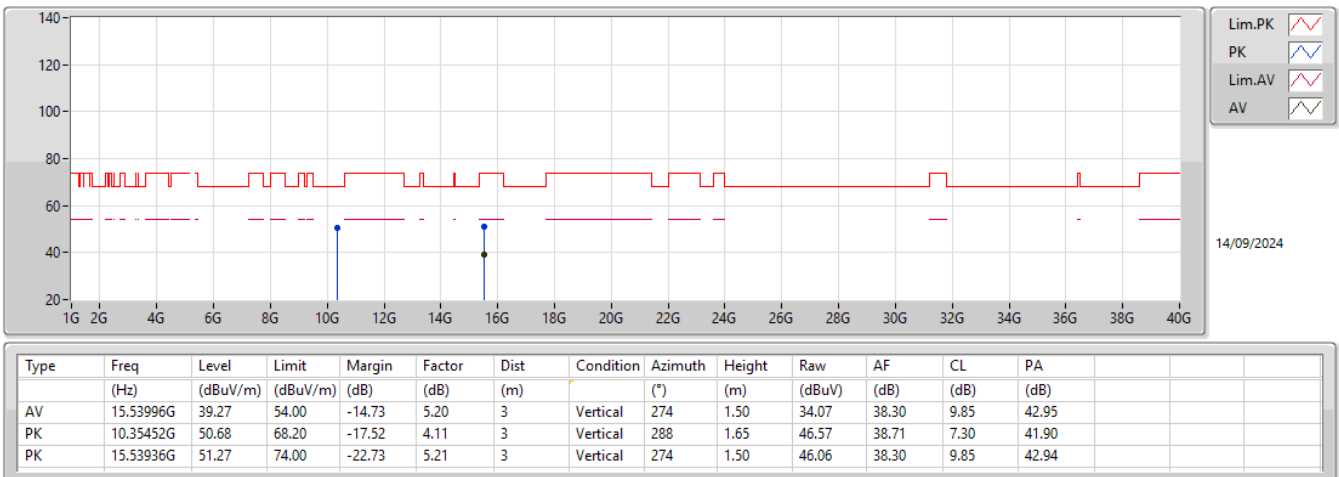
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX



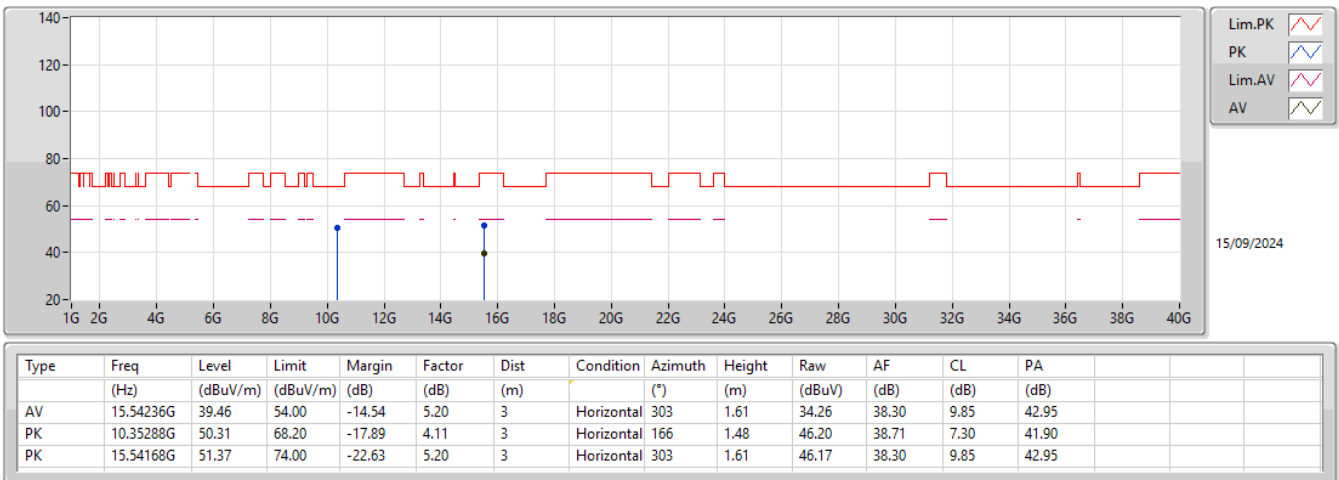
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX



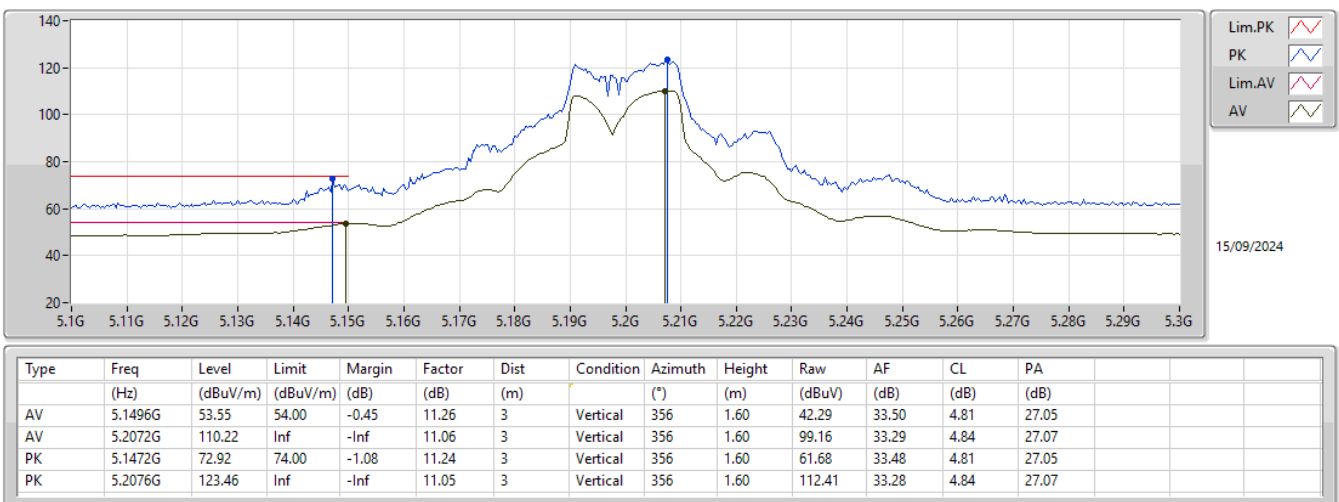
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX



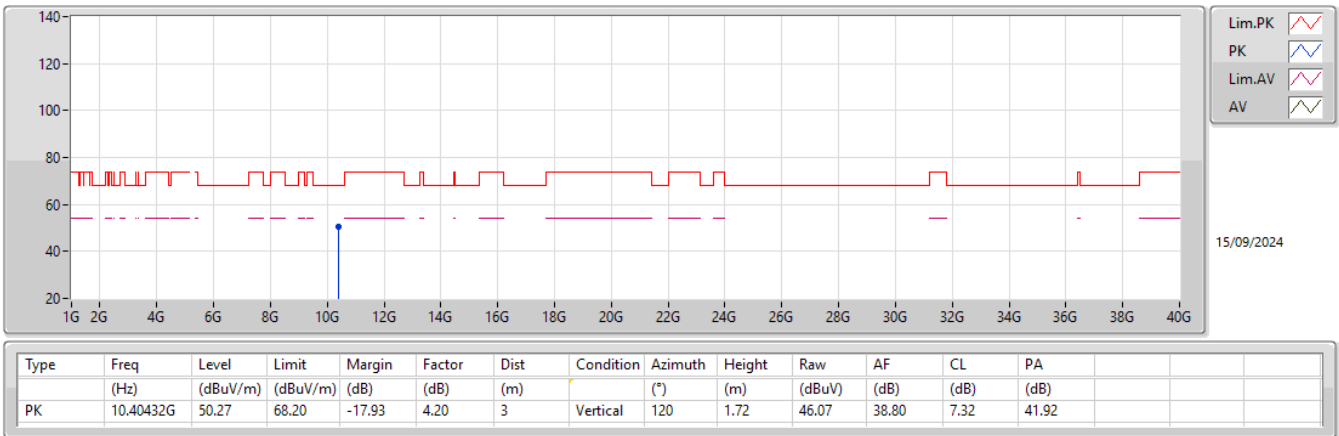
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5200MHz_TX



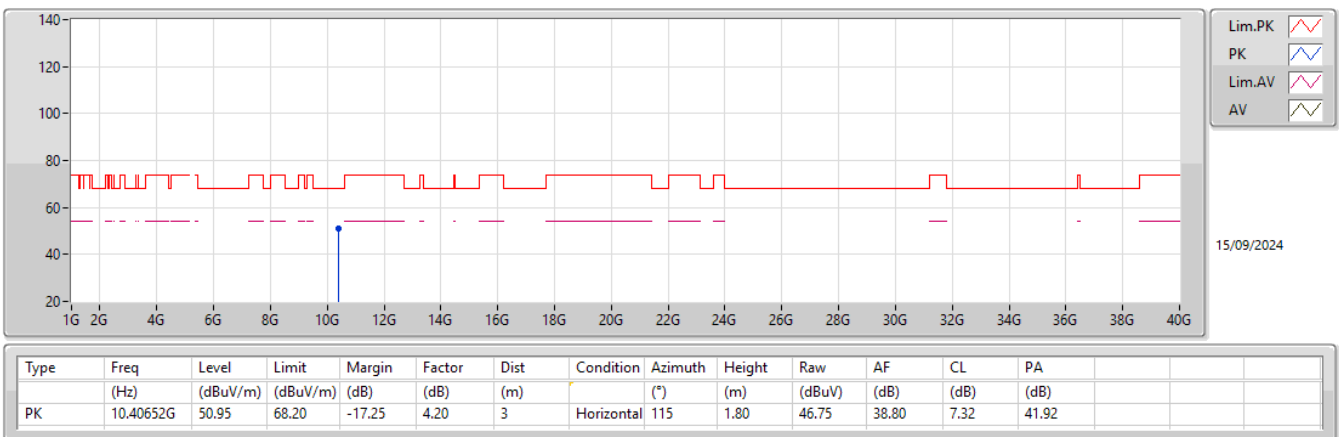
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5200MHz_TX



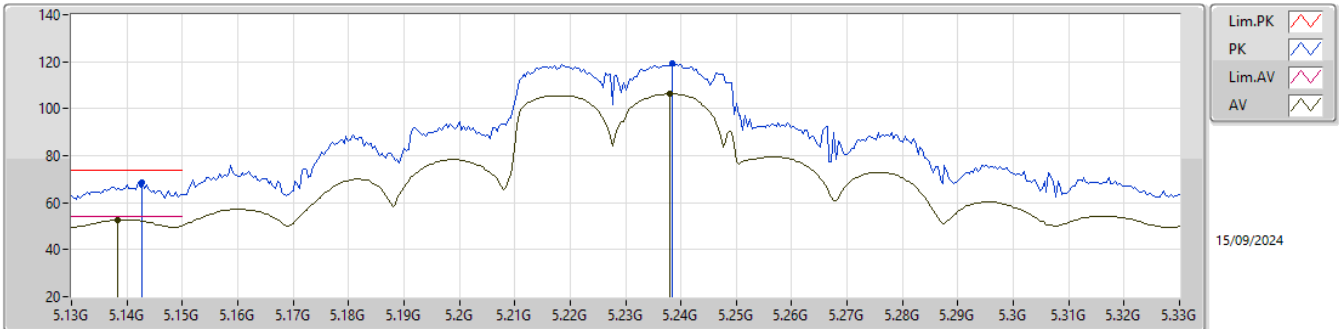
5.15-5.25GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5200MHz_TX



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

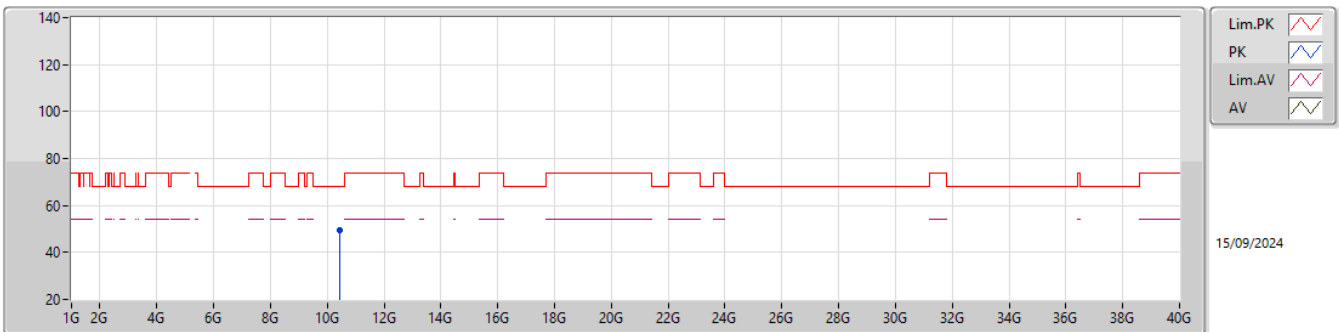
5230MHz_TX



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	5.1384G	52.75	54.00	-1.25	11.19	3	Vertical	357	1.50	41.56	33.43	4.81	27.05
AV	5.238G	106.25	Inf	-Inf	10.99	3	Vertical	357	1.50	95.26	33.22	4.86	27.09
PK	5.1428G	68.49	74.00	-5.51	11.22	3	Vertical	357	1.50	57.27	33.46	4.81	27.05
PK	5.2384G	119.07	Inf	-Inf	10.99	3	Vertical	357	1.50	108.08	33.22	4.86	27.09

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

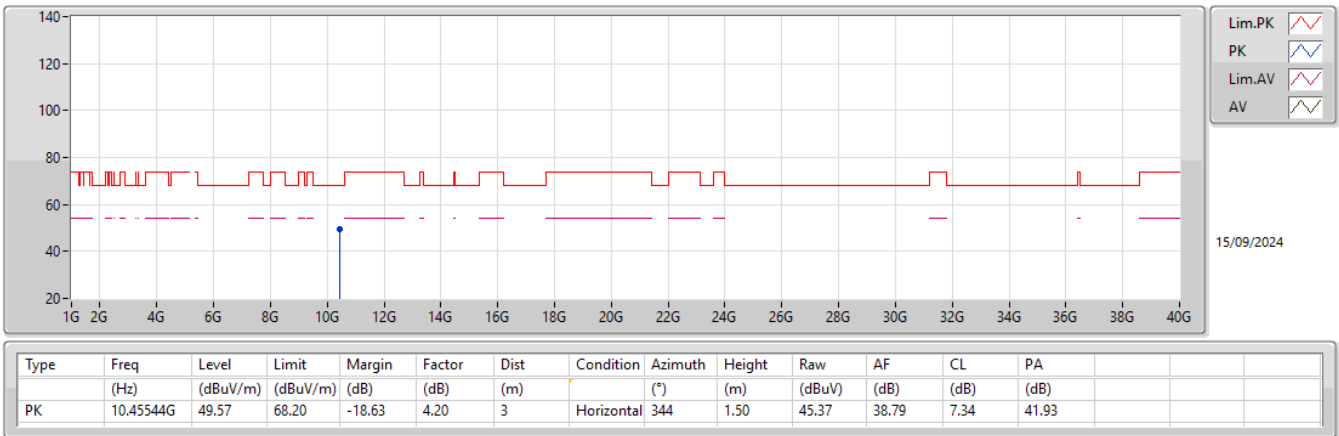
5230MHz_TX



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)
PK	10.45696G	49.39	68.20	-18.81	4.20	3	Vertical	152	1.50	45.19	38.79	7.34	41.93

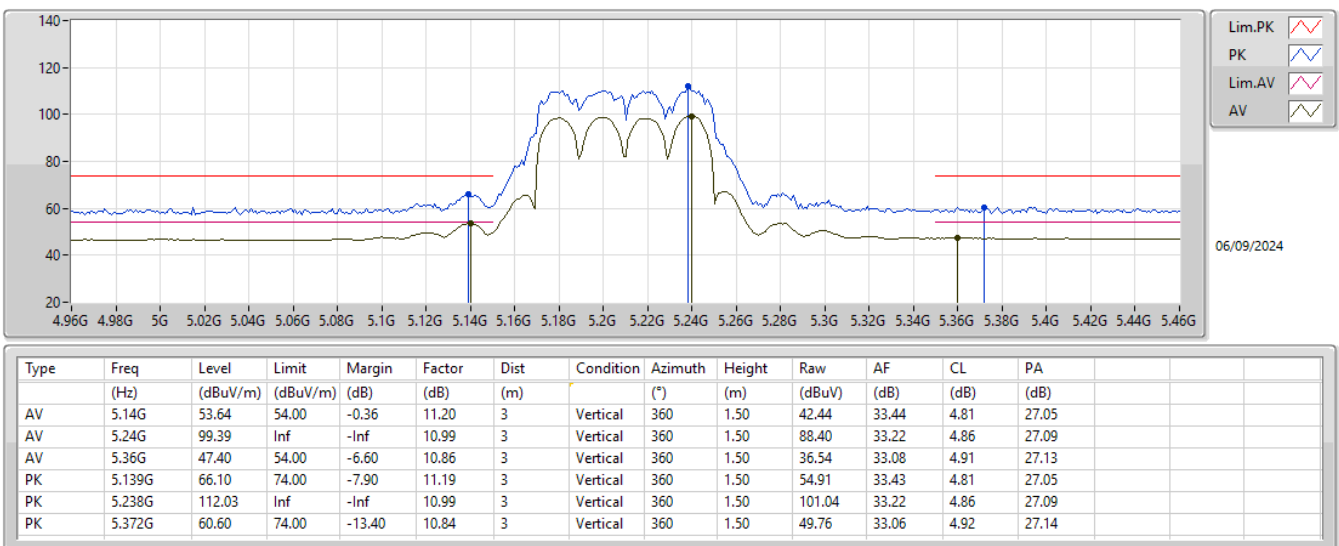
5.15-5.25GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5230MHz_TX



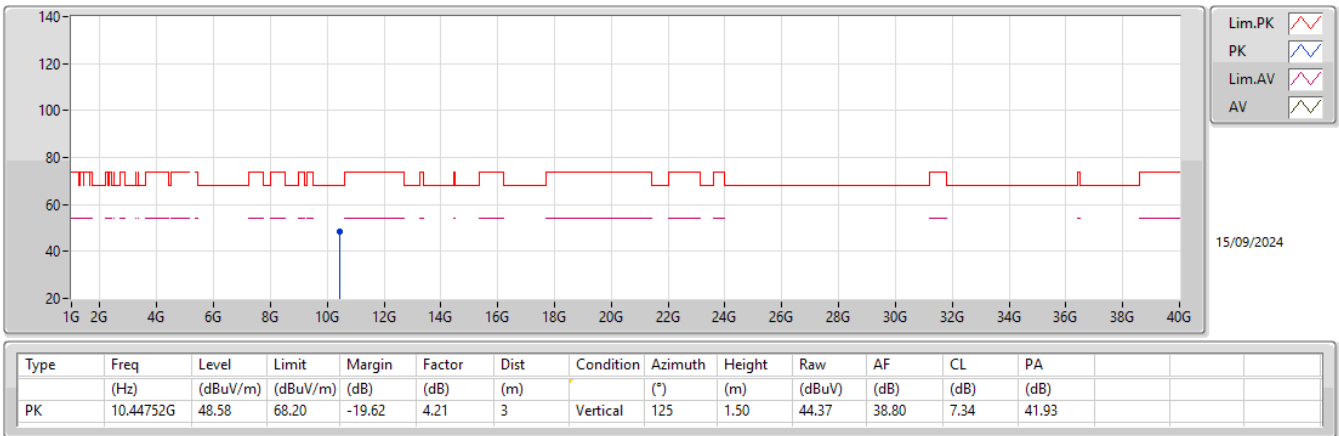
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5210MHz_TX



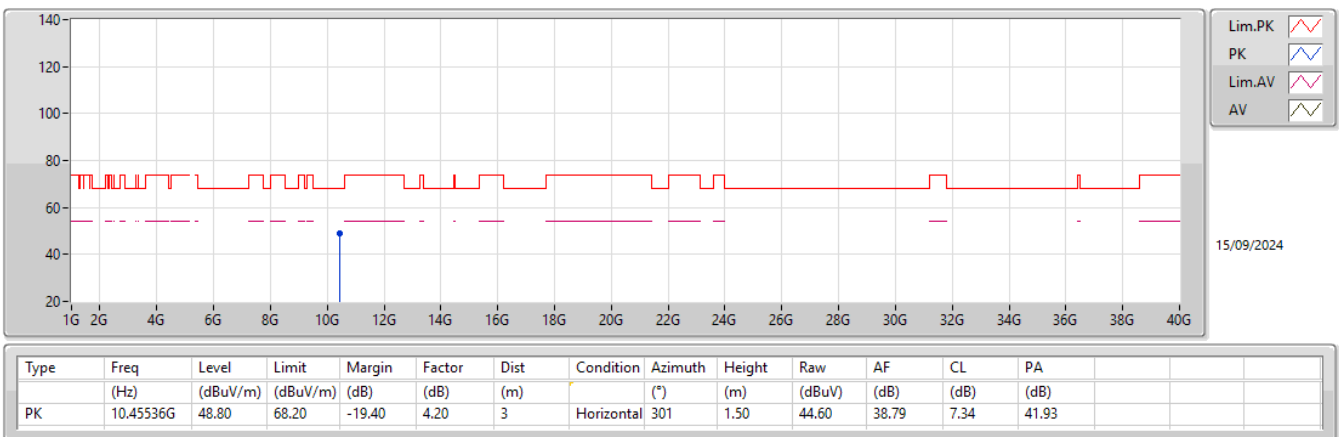
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5210MHz_TX



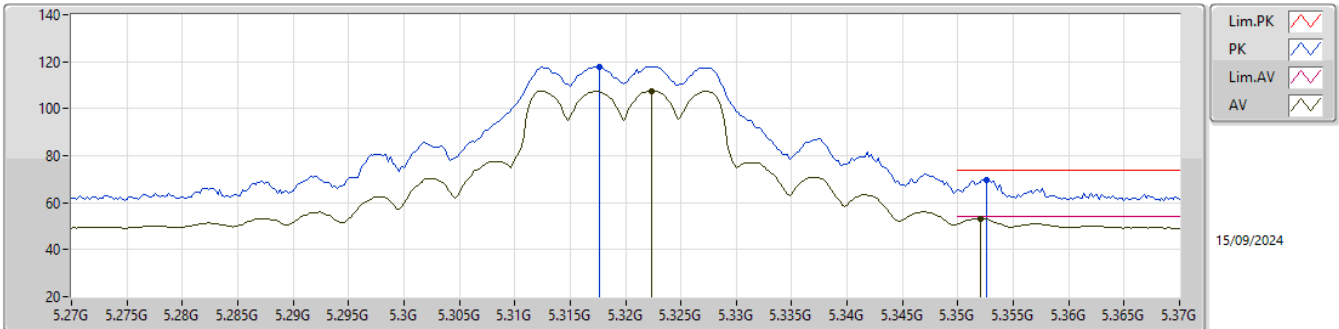
5.15-5.25GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5210MHz_TX



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

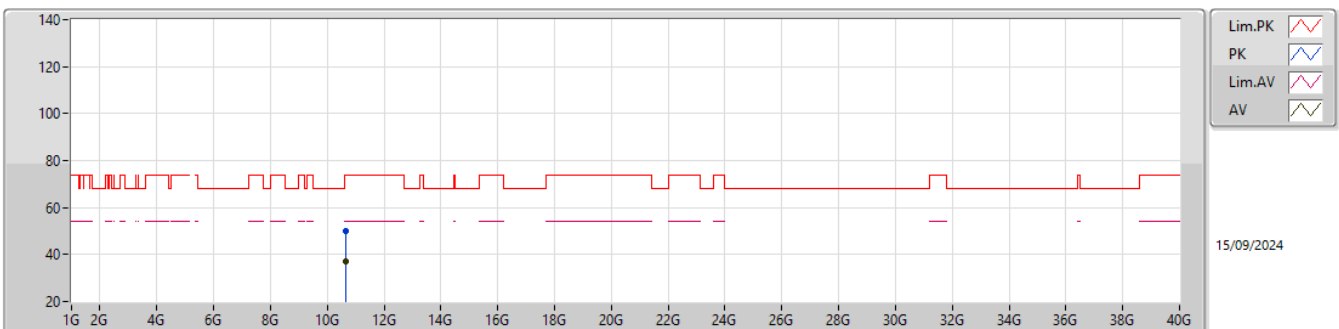
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3224G	107.51	Inf	-Inf	10.88	3	Vertical	360	1.50	96.63	33.10	4.90	27.12
AV	5.352G	53.25	54.00	-0.75	10.88	3	Vertical	360	1.50	42.37	33.10	4.91	27.13
PK	5.3176G	117.93	Inf	-Inf	10.87	3	Vertical	360	1.50	107.06	33.10	4.89	27.12
PK	5.3526G	69.84	74.00	-4.16	10.87	3	Vertical	360	1.50	58.97	33.09	4.91	27.13

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

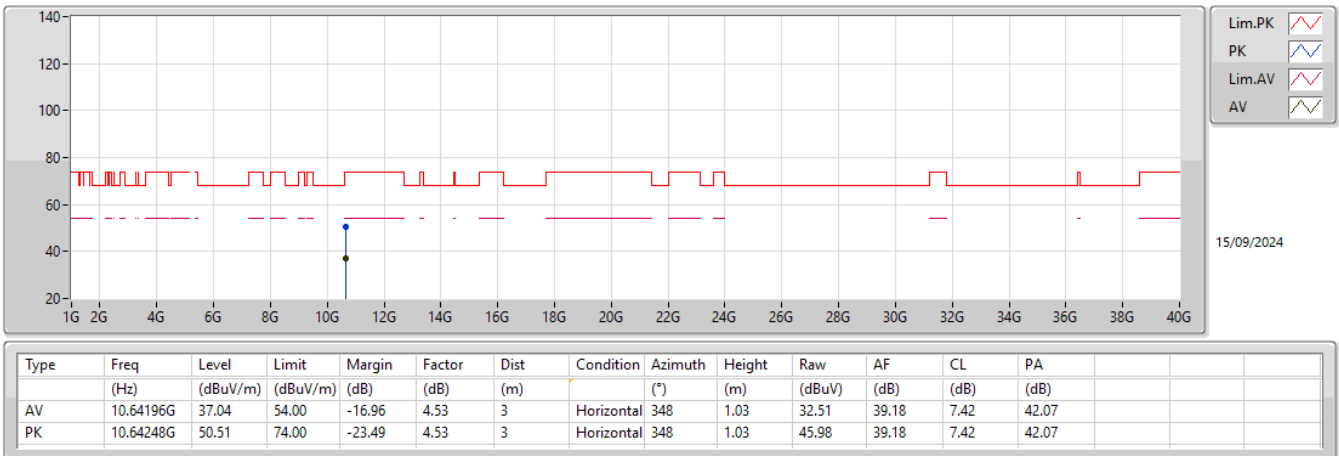
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.6406G	36.91	54.00	-17.09	4.53	3	Vertical	293	2.06	32.38	39.18	7.42	42.07
PK	10.64728G	49.75	74.00	-24.25	4.54	3	Vertical	293	2.06	45.21	39.19	7.42	42.07

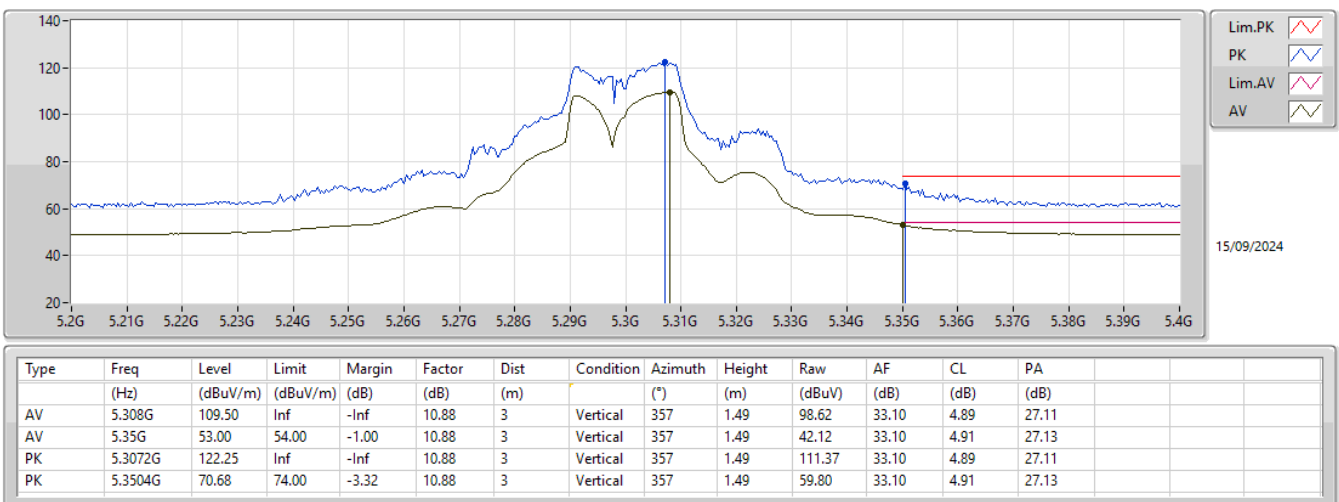
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX



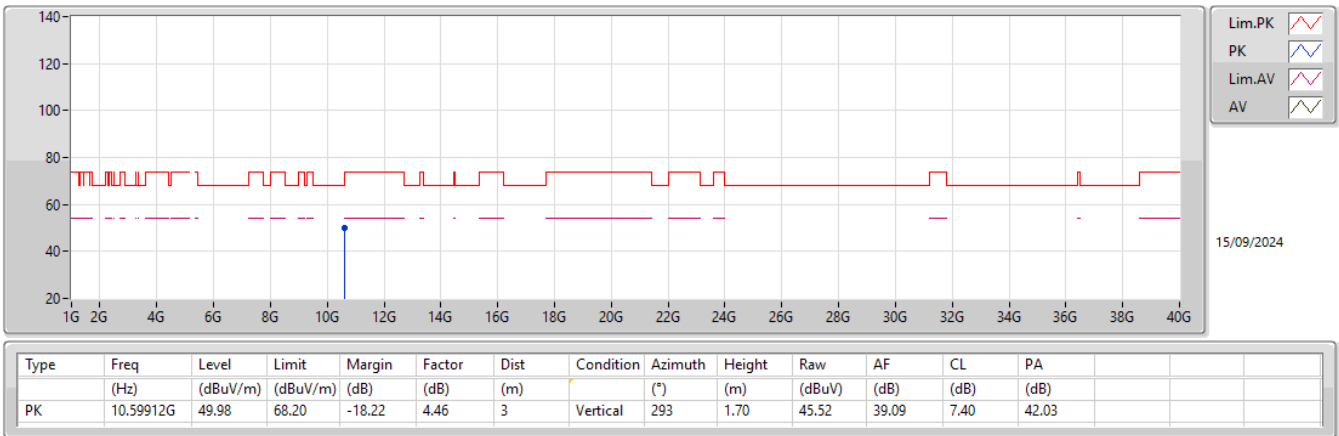
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5300MHz_TX



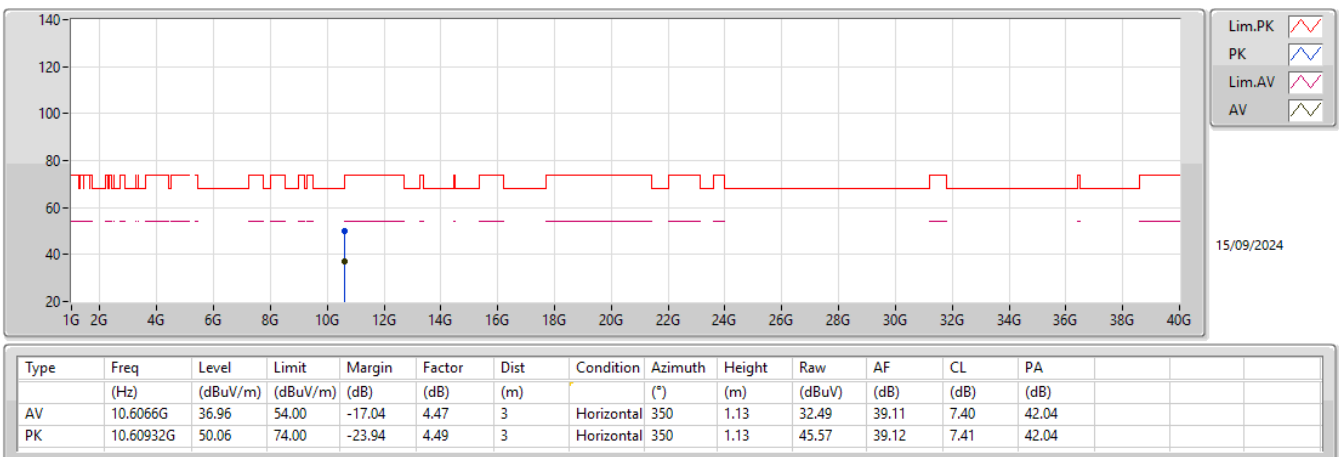
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5300MHz_TX



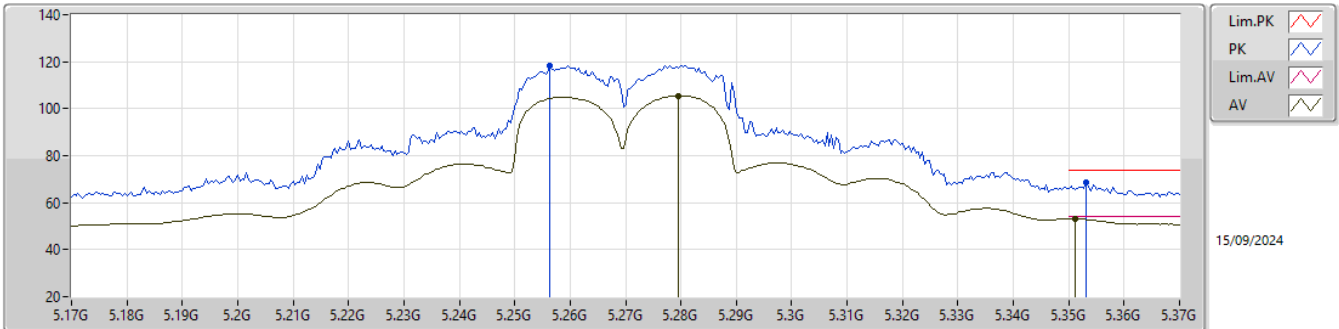
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5300MHz_TX



5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

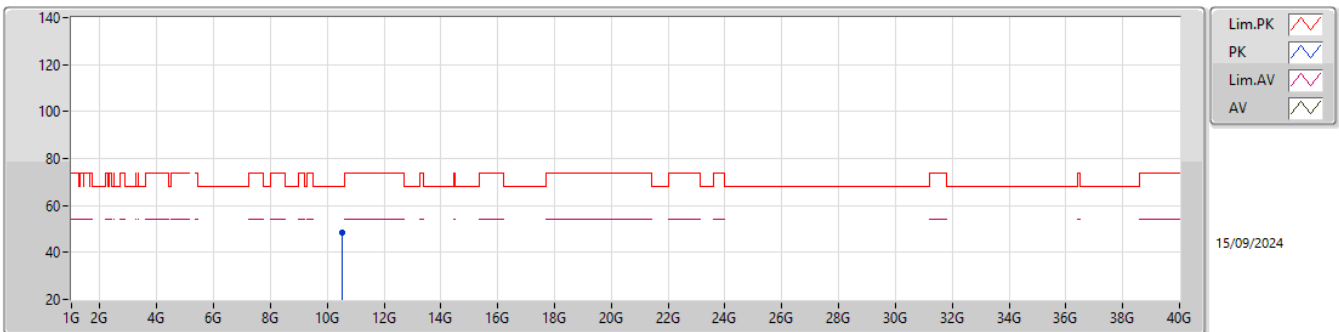
5270MHz_TX



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	5.2796G	105.53	Inf	-Inf	10.92	3	Vertical	360	1.50	94.61	33.14	4.88	27.10
AV	5.3512G	53.21	54.00	-0.79	10.88	3	Vertical	360	1.50	42.33	33.10	4.91	27.13
PK	5.2564G	118.47	Inf	-Inf	10.97	3	Vertical	360	1.50	107.50	33.19	4.87	27.09
PK	5.3532G	68.87	74.00	-5.13	10.87	3	Vertical	360	1.50	58.00	33.09	4.91	27.13

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

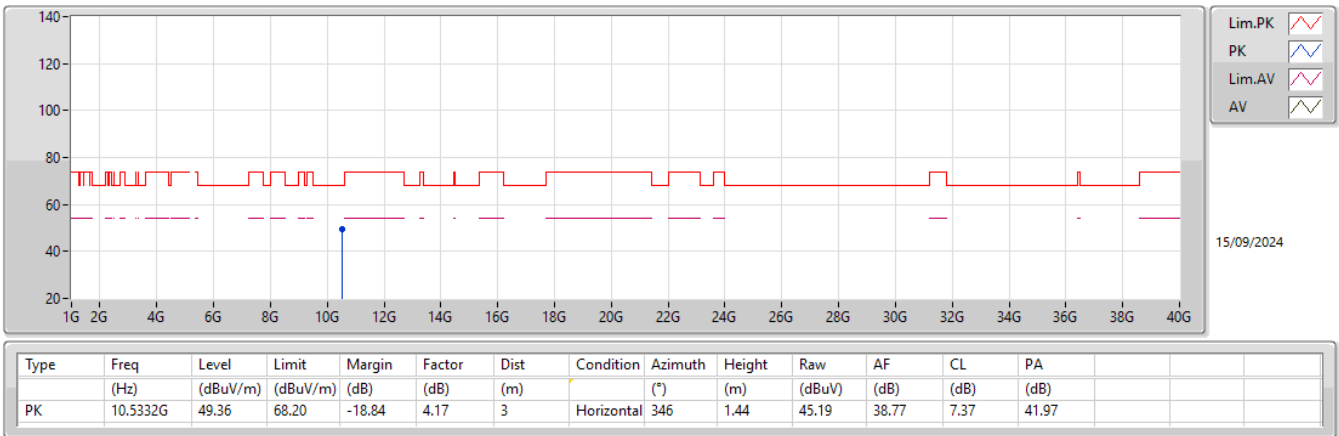
5270MHz_TX



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)
PK	10.54104G	48.56	68.20	-19.64	4.18	3	Vertical	295	1.73	44.38	38.78	7.38	41.98

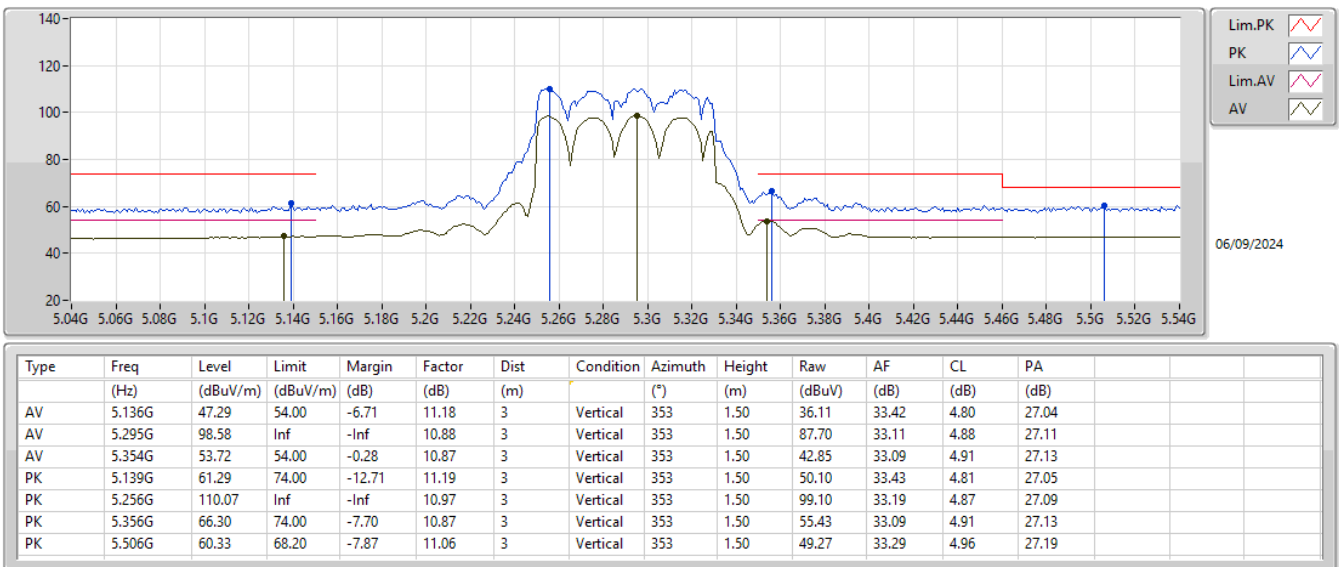
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5270MHz_TX



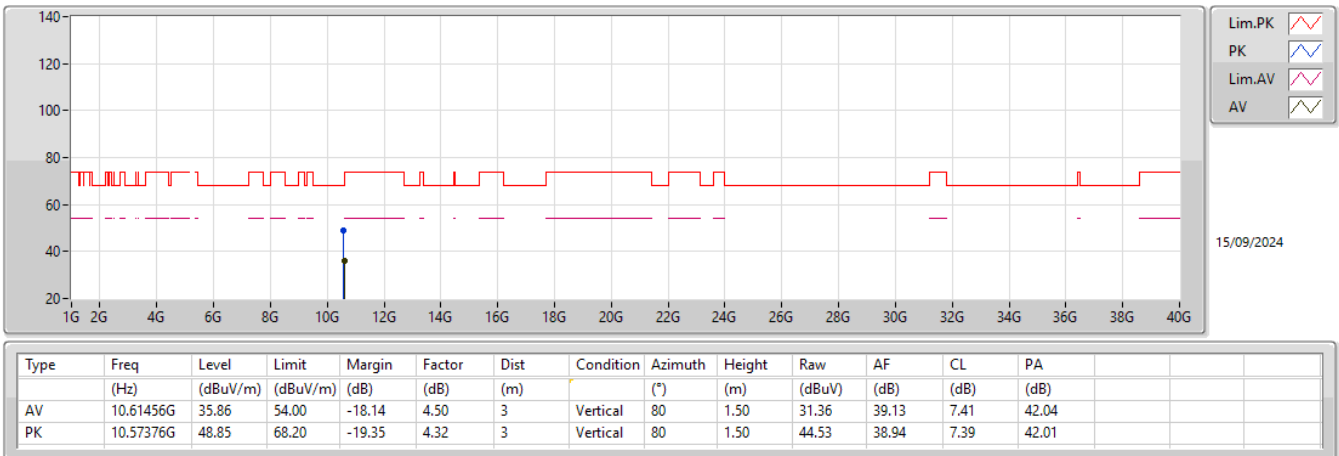
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5290MHz_TX



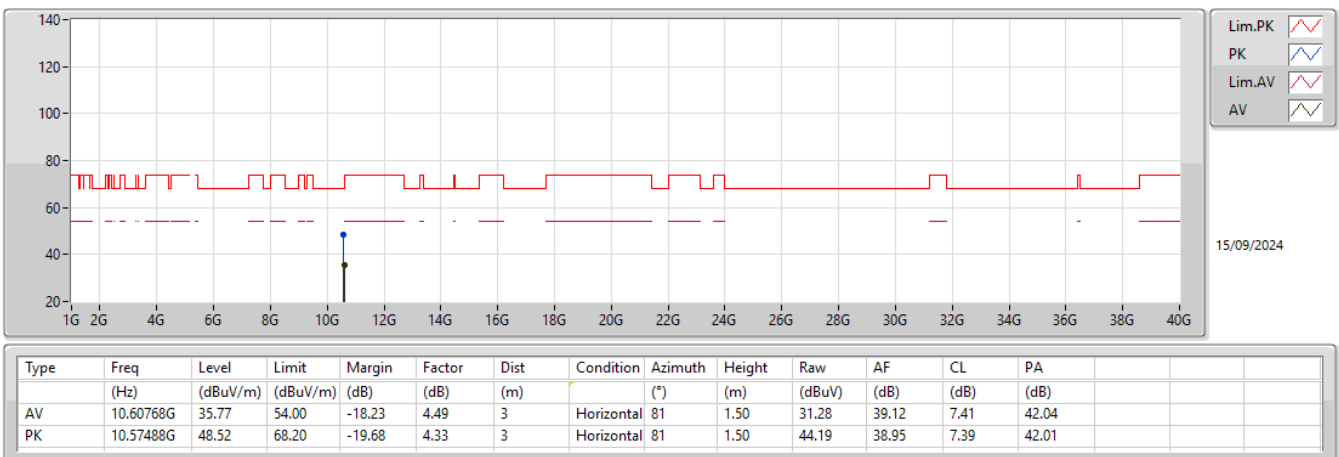
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5290MHz_TX



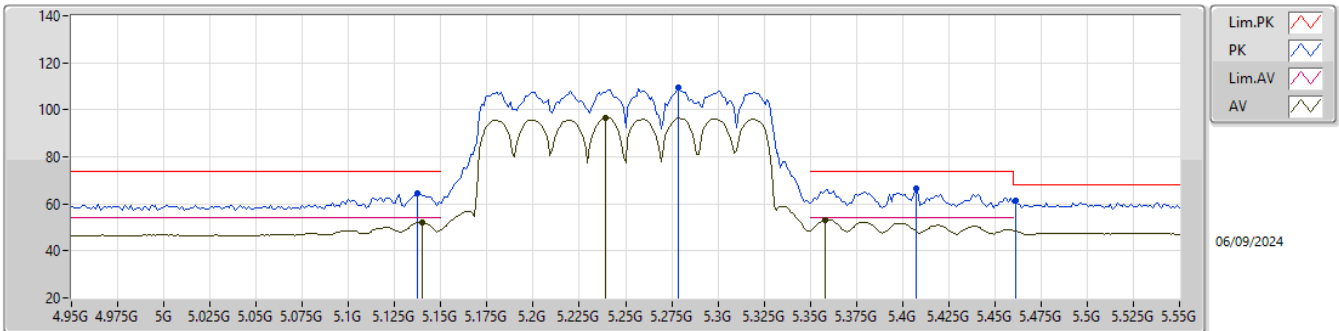
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5290MHz_TX



5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

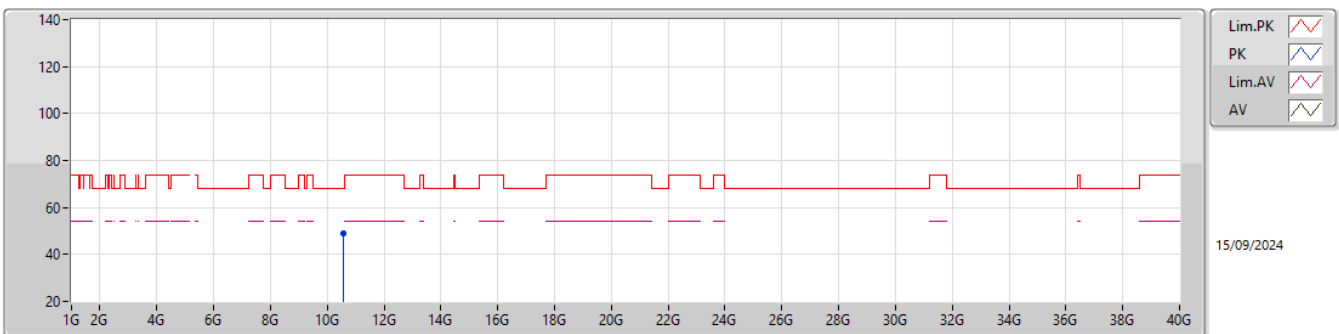
5250MHz Straddle 5.25-5.35GHz_TX



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	5.1396G	52.12	54.00	-1.88	11.20	3	Vertical	360	1.50	40.92	33.44	4.81	27.05
AV	5.2392G	96.72	Inf	-Inf	10.99	3	Vertical	360	1.50	85.73	33.22	4.86	27.09
AV	5.358G	53.12	54.00	-0.88	10.86	3	Vertical	360	1.50	42.26	33.08	4.91	27.13
PK	5.1372G	64.46	74.00	-9.54	11.19	3	Vertical	360	1.50	53.27	33.42	4.81	27.04
PK	5.2788G	109.62	Inf	-Inf	10.92	3	Vertical	360	1.50	98.70	33.14	4.88	27.10
PK	5.4072G	66.58	74.00	-7.42	10.78	3	Vertical	360	1.50	55.80	33.00	4.93	27.15
PK	5.4612G	61.49	68.20	-6.71	10.85	3	Vertical	360	1.50	50.64	33.07	4.95	27.17

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

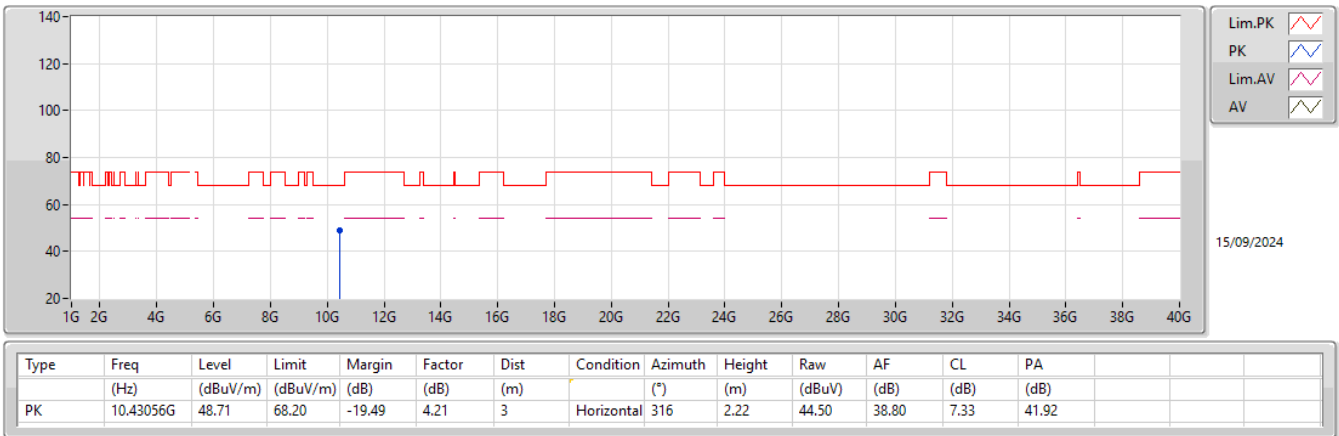
5250MHz Straddle 5.25-5.35GHz_TX



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)
PK	10.55152G	49.21	68.20	-18.99	4.20	3	Vertical	271	1.50	45.01	38.81	7.38	41.99

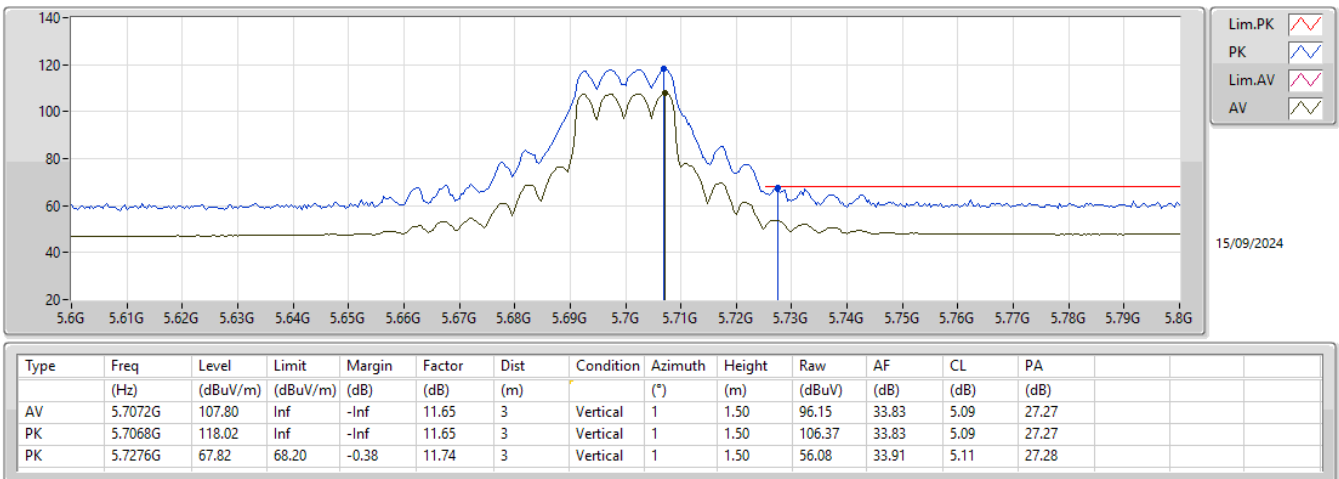
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.25-5.35GHz_TX



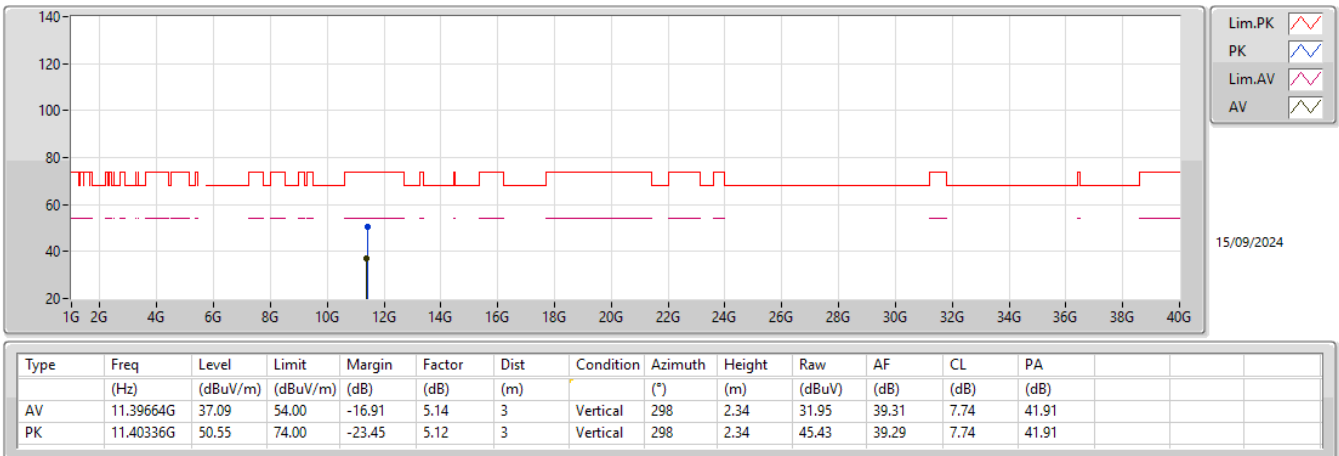
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



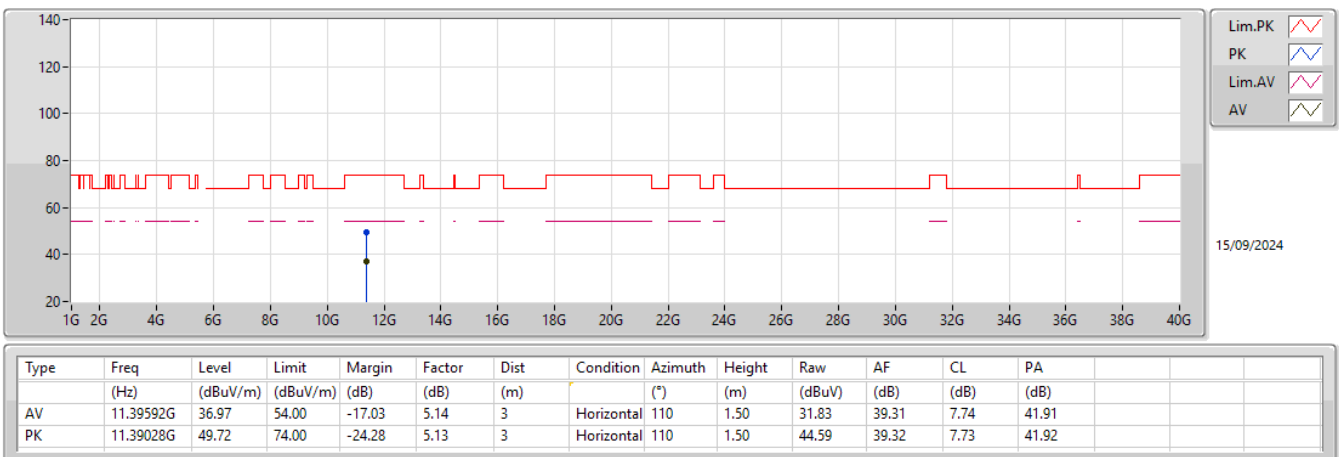
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



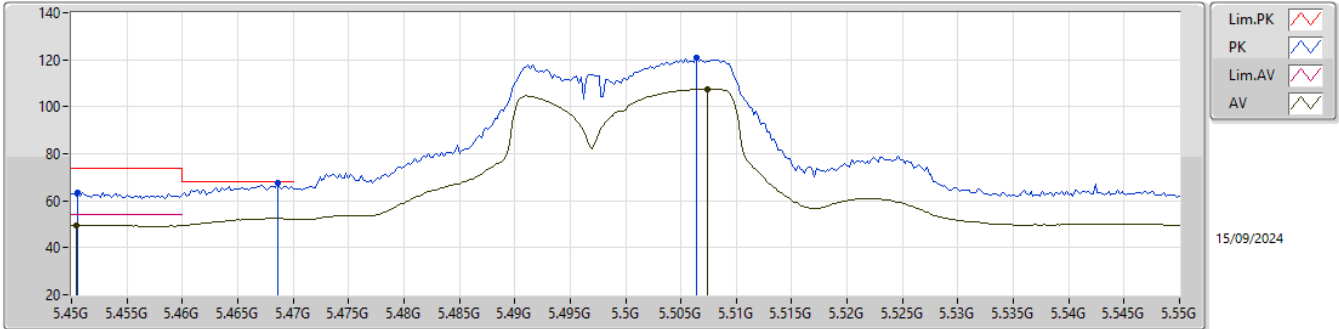
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

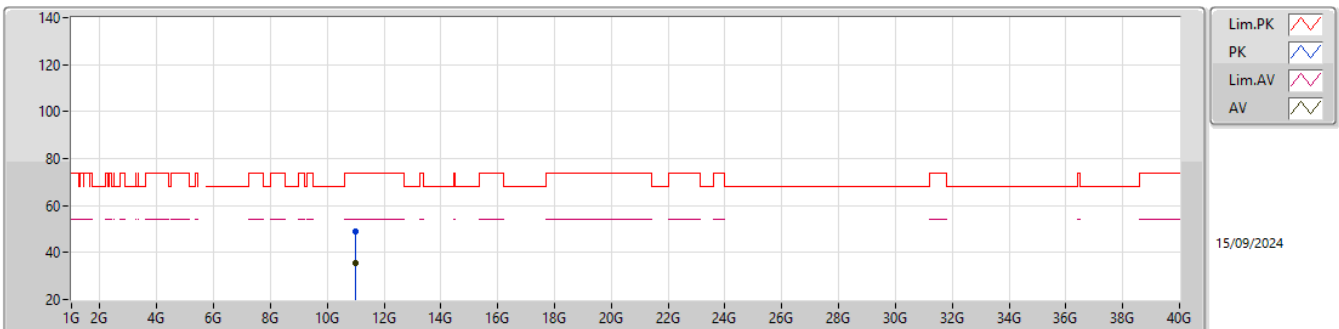
5500MHz_TX



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	5.4504G	49.59	54.00	-4.41	10.77	3	Vertical	205	1.50	38.82	33.00	4.94	27.17
AV	5.5074G	107.57	Inf	-Inf	11.06	3	Vertical	205	1.50	96.51	33.29	4.96	27.19
PK	5.4506G	63.59	74.00	-10.41	10.77	3	Vertical	205	1.50	52.82	33.00	4.94	27.17
PK	5.4686G	67.59	68.20	-0.61	10.88	3	Vertical	205	1.50	56.71	33.11	4.95	27.18
PK	5.5064G	120.73	Inf	-Inf	11.06	3	Vertical	205	1.50	109.67	33.29	4.96	27.19

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

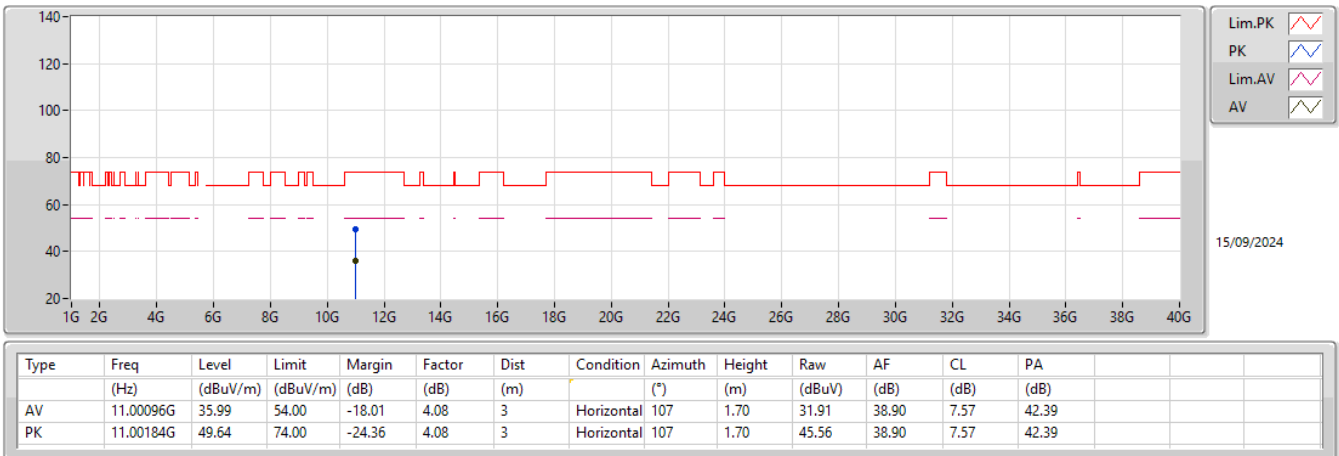
5500MHz_TX



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	10.99948G	35.44	54.00	-18.56	4.08	3	Vertical	257	1.04	31.36	38.90	7.57	42.39
PK	11.00452G	48.82	74.00	-25.18	4.08	3	Vertical	257	1.04	44.74	38.89	7.57	42.38

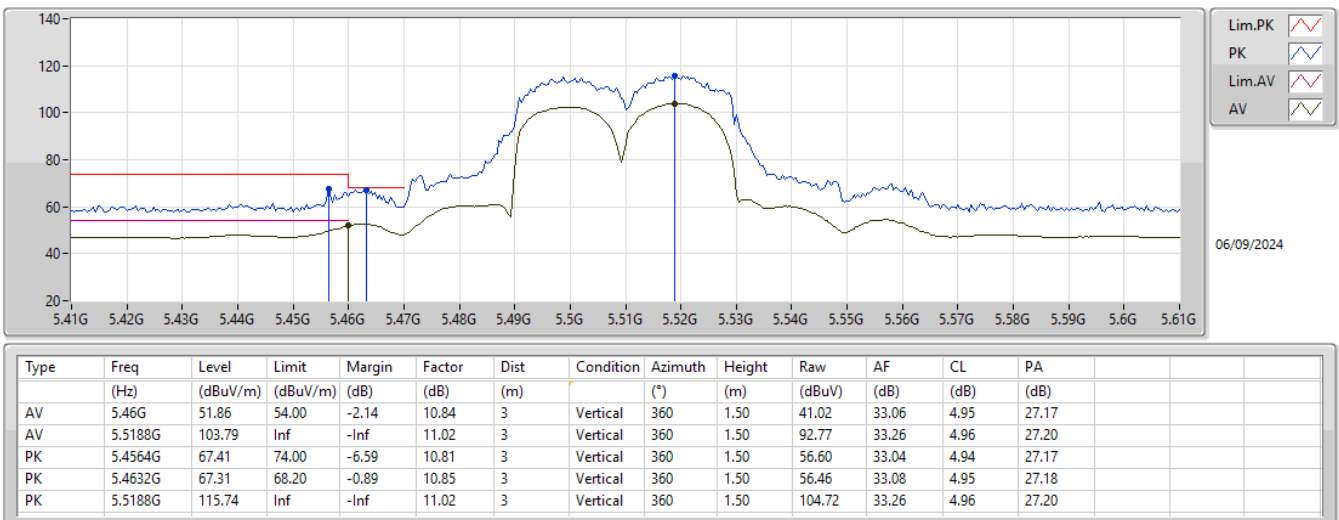
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5500MHz_TX



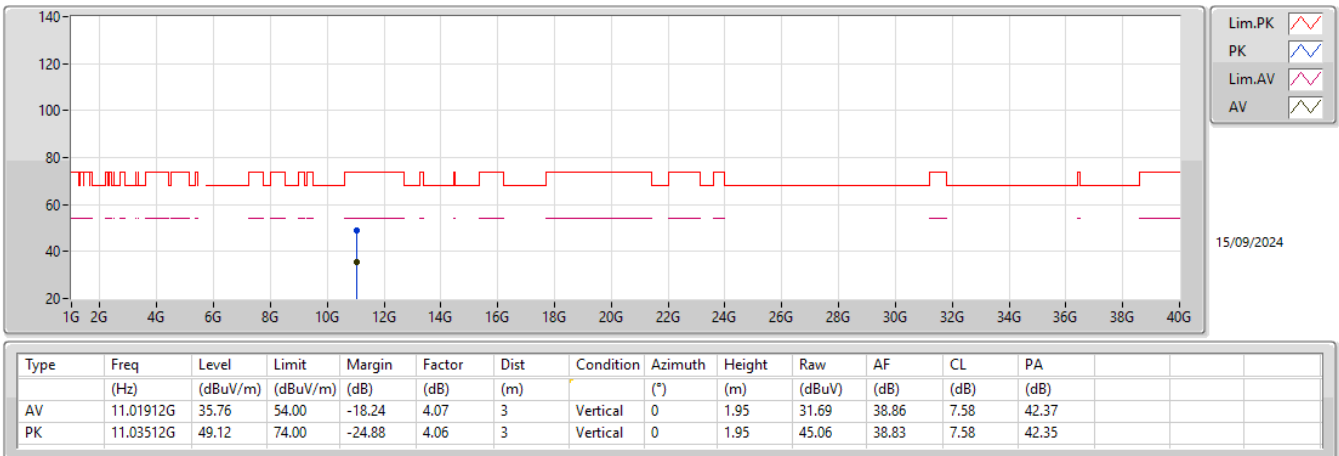
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5510MHz_TX



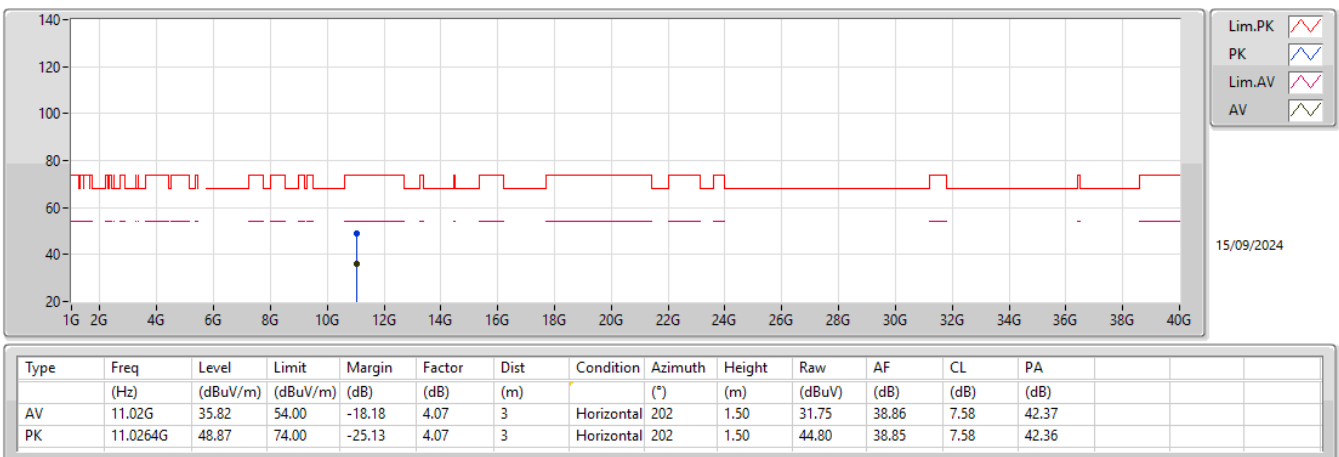
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5510MHz_TX



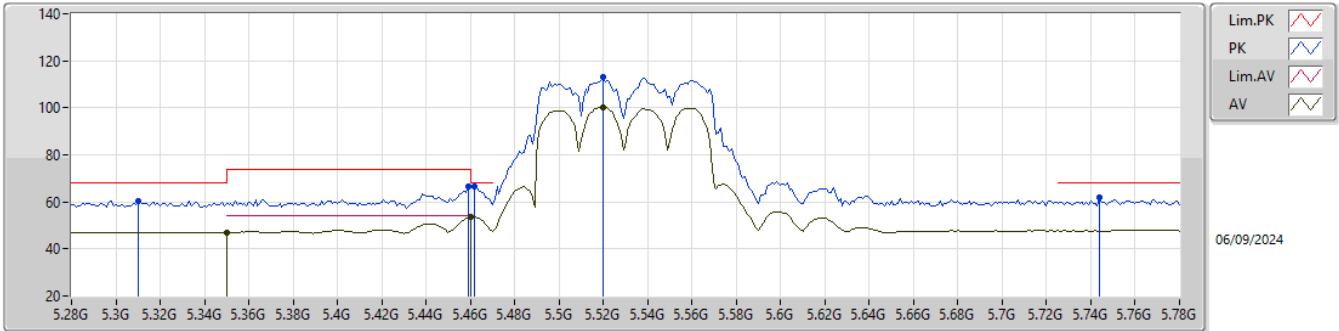
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5510MHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

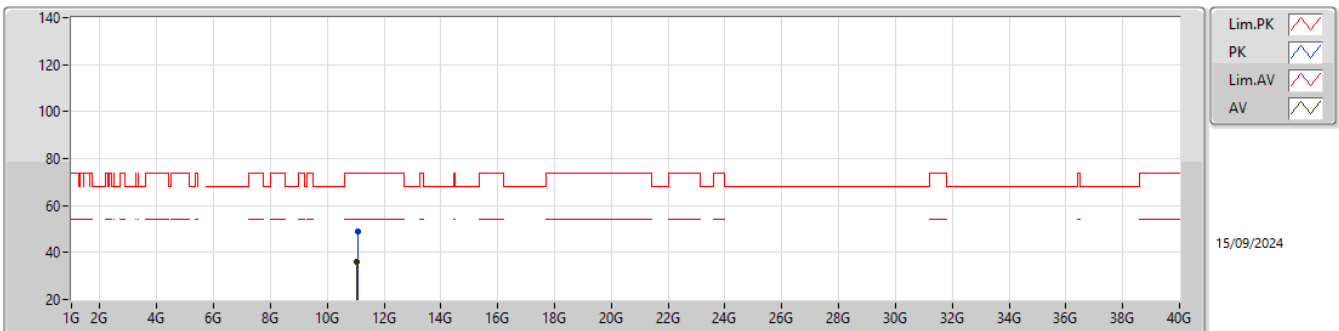
5530MHz_TX



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	5.35G	46.91	54.00	-7.09	10.88	3	Vertical	0	1.50	36.03	33.10	4.91	27.13
AV	5.46G	53.48	54.00	-0.52	10.84	3	Vertical	0	1.50	42.64	33.06	4.95	27.17
AV	5.52G	100.29	Inf	-Inf	11.02	3	Vertical	0	1.50	89.27	33.26	4.96	27.20
PK	5.31G	60.28	68.20	-7.92	10.88	3	Vertical	0	1.50	49.40	33.10	4.89	27.11
PK	5.459G	66.44	74.00	-7.56	10.82	3	Vertical	0	1.50	55.62	33.05	4.94	27.17
PK	5.462G	66.73	68.20	-1.47	10.85	3	Vertical	0	1.50	55.88	33.07	4.95	27.17
PK	5.52G	112.93	Inf	-Inf	11.02	3	Vertical	0	1.50	101.91	33.26	4.96	27.20
PK	5.744G	61.80	68.20	-6.40	11.82	3	Vertical	0	1.50	49.98	33.98	5.12	27.28

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

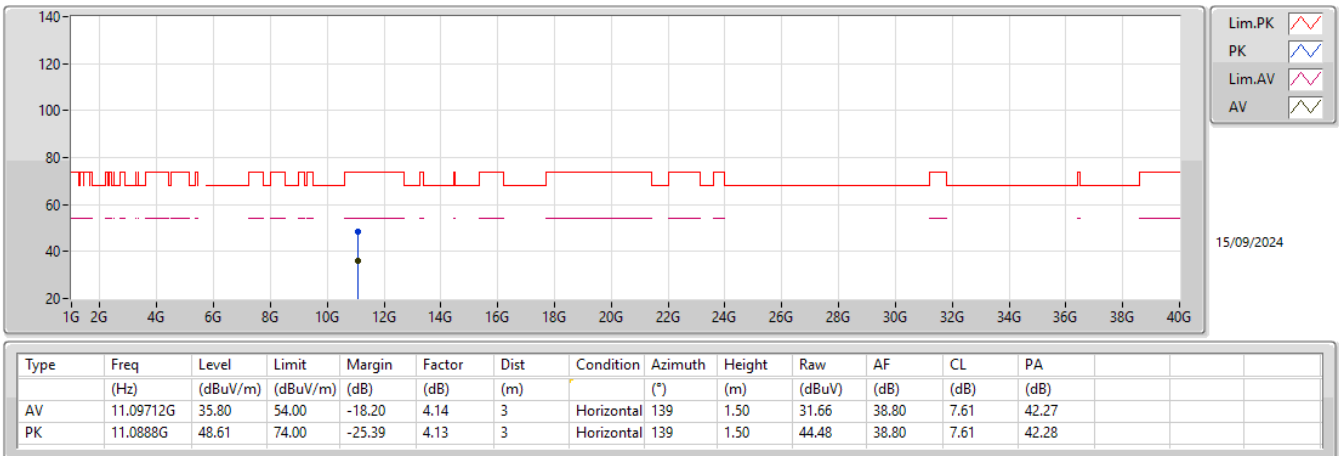
5530MHz_TX



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	11.0544G	35.88	54.00	-18.12	4.07	3	Vertical	129	2.08	31.81	38.80	7.59	42.32
PK	11.08304G	48.92	74.00	-25.08	4.11	3	Vertical	129	2.08	44.81	38.80	7.60	42.29

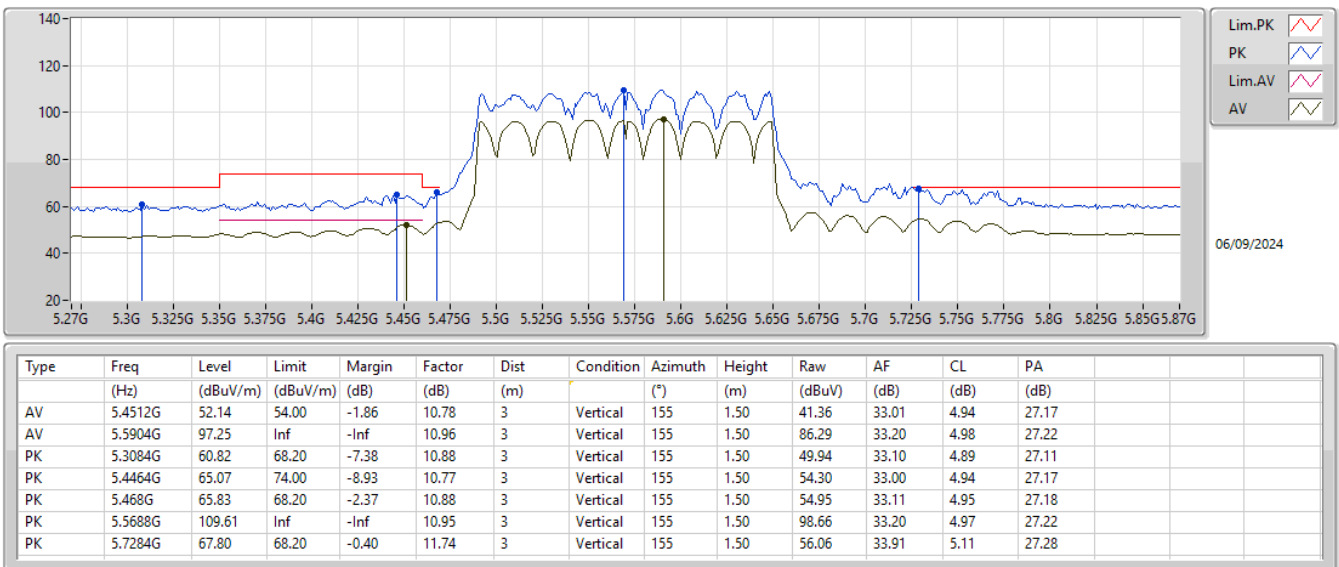
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5530MHz_TX



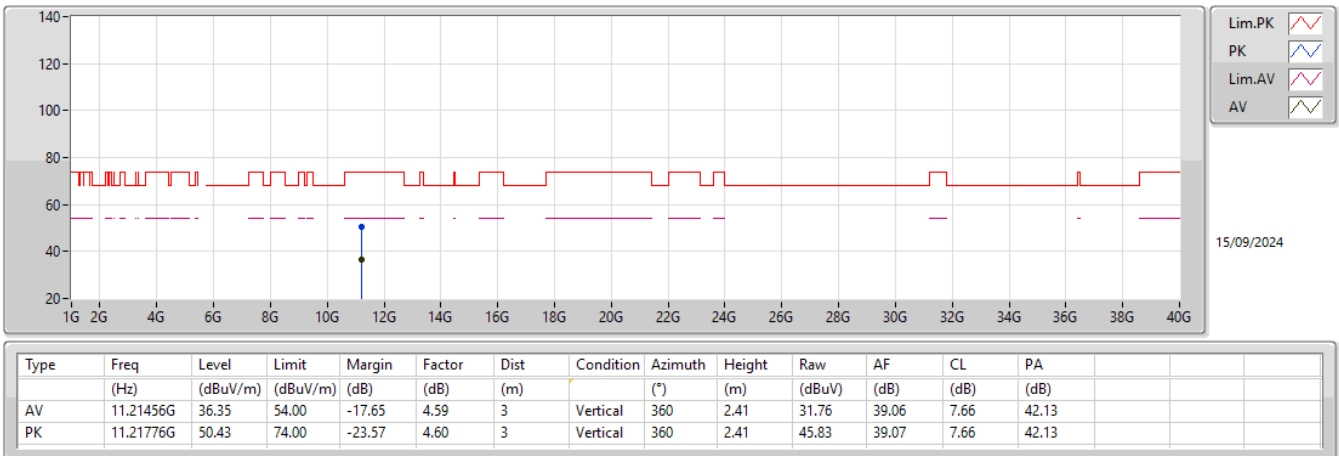
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5570MHz_TX



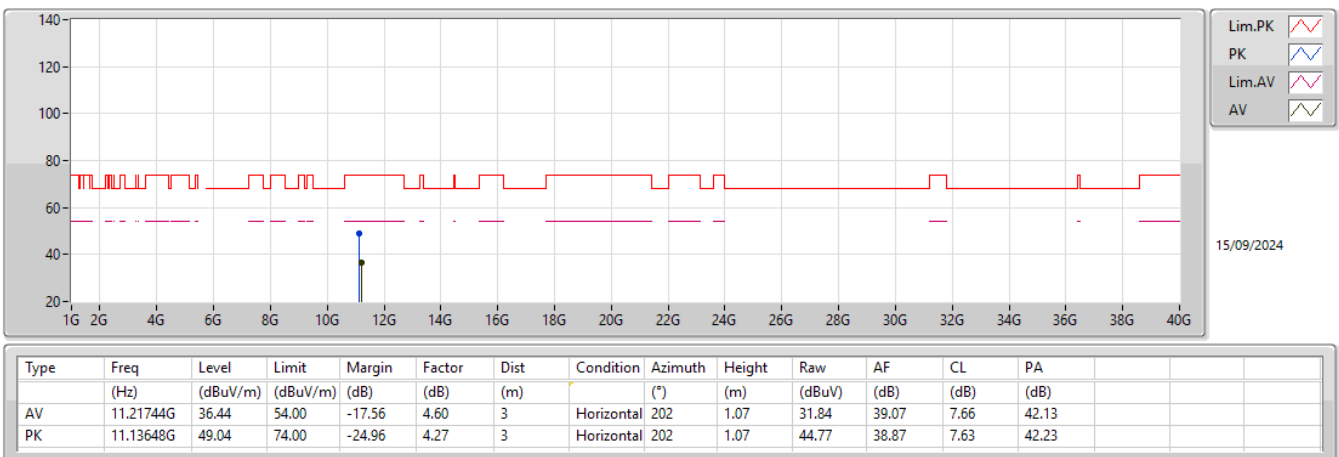
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5570MHz_TX



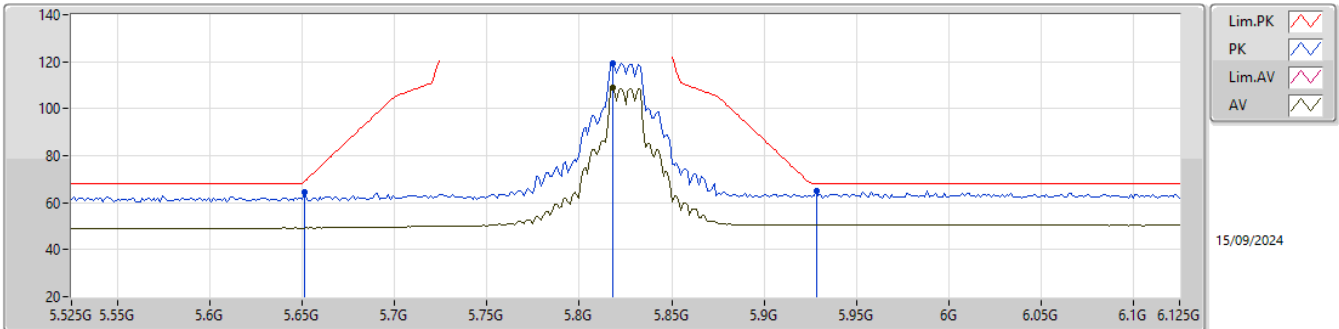
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5570MHz_TX



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

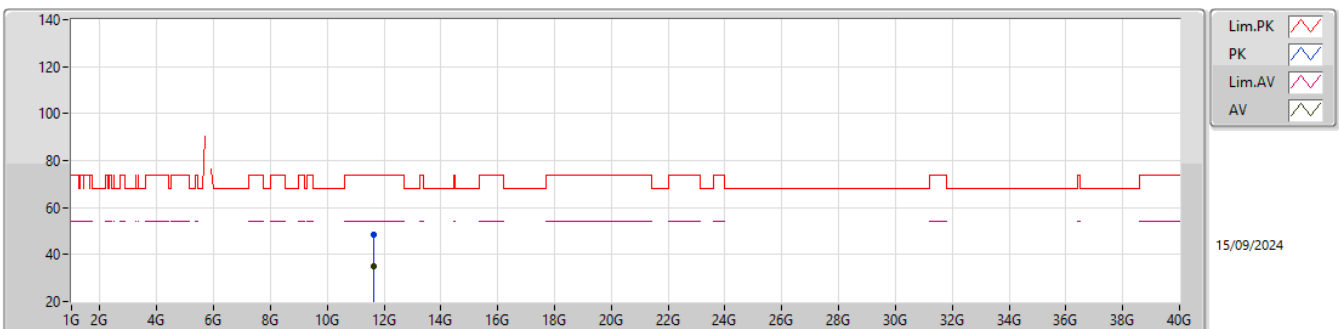
5825MHz_TX



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	5.8178G	109.14	Inf	-Inf	12.10	3	Vertical	168	1.50	97.04	34.24	5.17	27.31
PK	5.651G	64.27	68.94	-4.67	11.19	3	Vertical	168	1.50	53.08	33.41	5.03	27.25
PK	5.8178G	119.49	Inf	-Inf	12.10	3	Vertical	168	1.50	107.39	34.24	5.17	27.31
PK	5.9282G	65.18	68.20	-3.02	12.20	3	Vertical	168	1.50	52.98	34.44	5.11	27.35

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

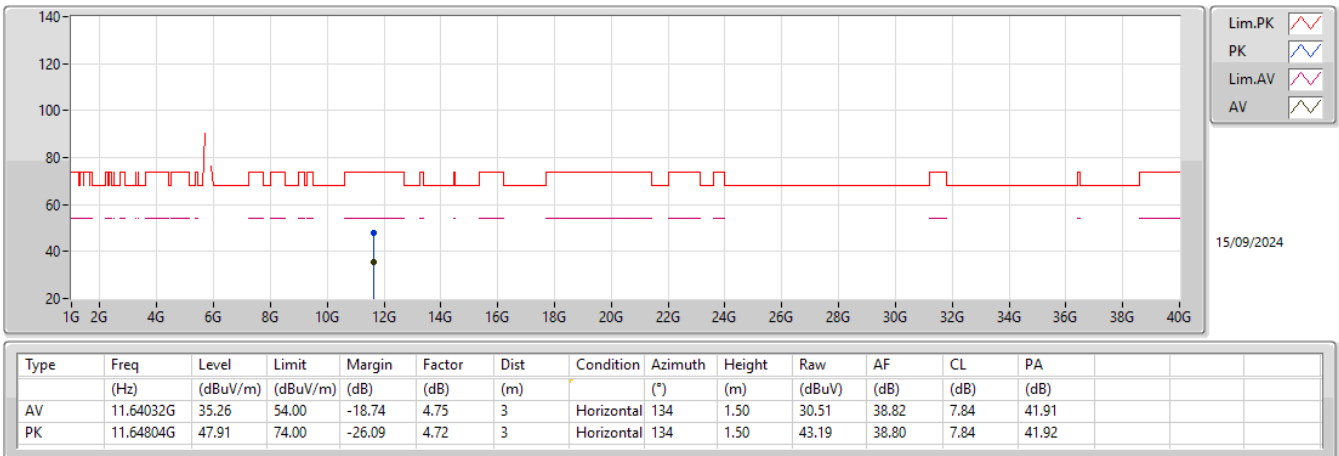
5825MHz_TX



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	11.64028G	35.25	54.00	-18.75	4.75	3	Vertical	334	1.50	30.50	38.82	7.84	41.91
PK	11.6496G	48.25	74.00	-25.75	4.72	3	Vertical	334	1.50	43.53	38.80	7.84	41.92

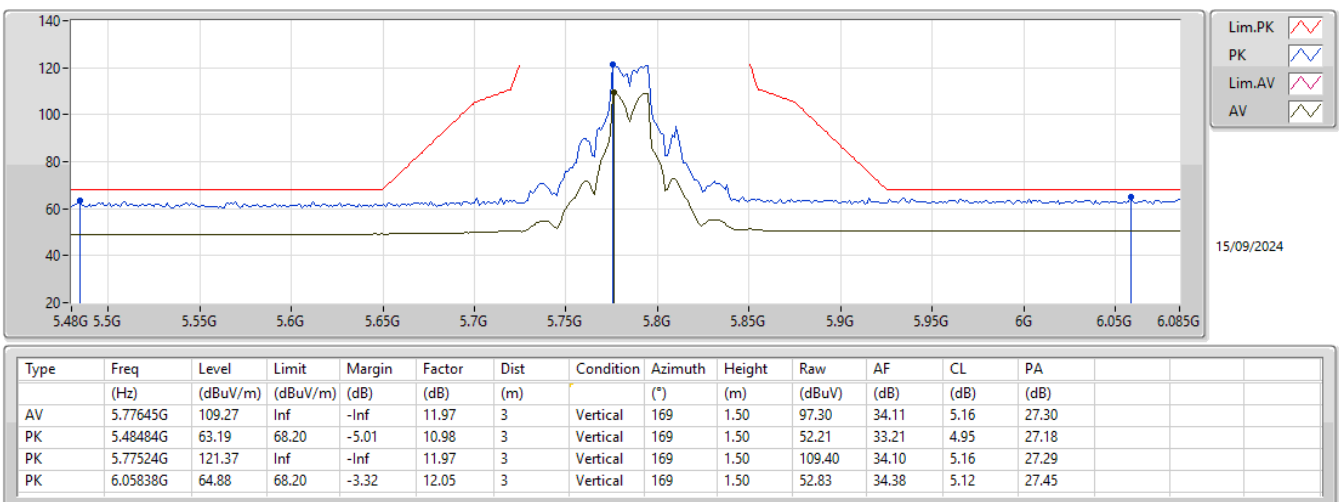
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX



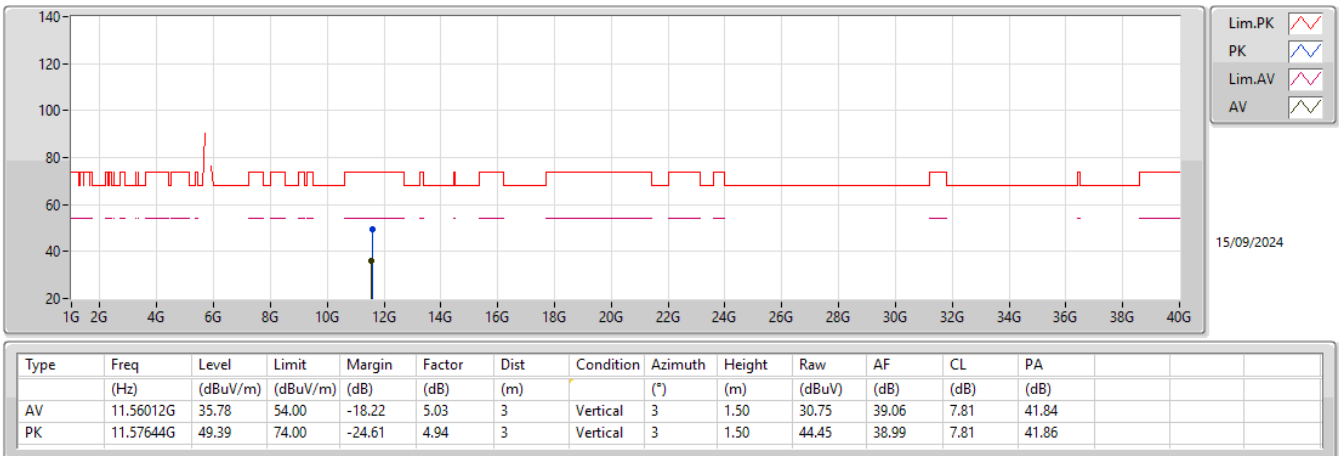
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5785MHz_TX



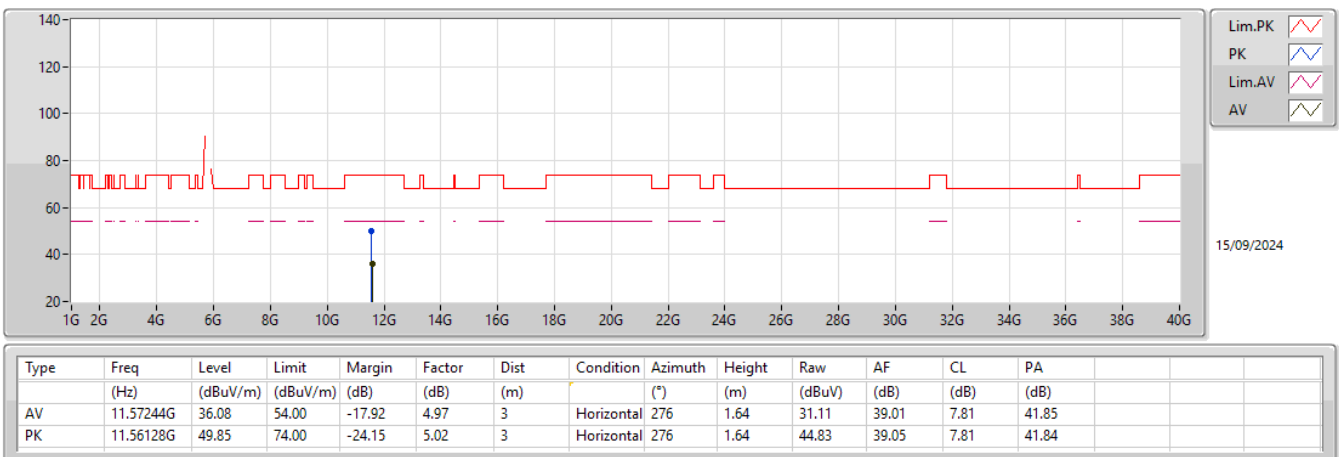
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5785MHz_TX



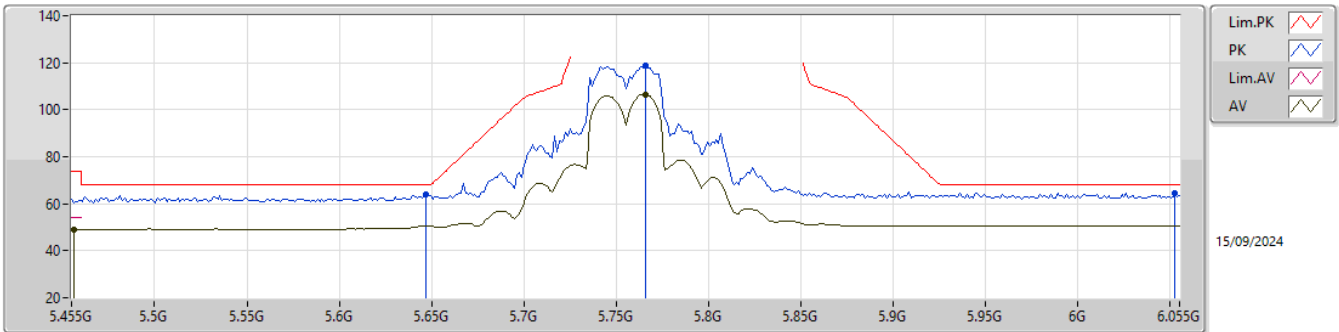
5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5785MHz_TX



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

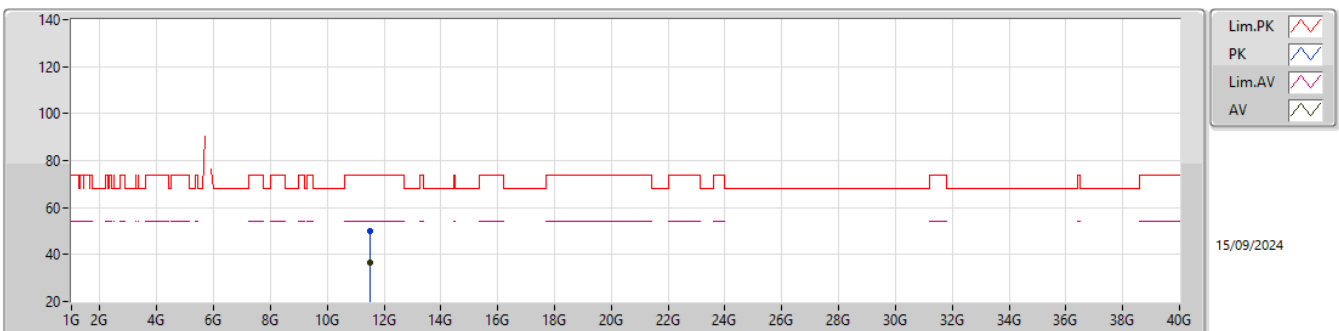
5755MHz_TX



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	5.4562G	49.05	54.00	-4.95	10.81	3	Vertical	169	1.50	38.24	33.04	4.94	27.17				
AV	5.7658G	106.44	Inf	-Inf	11.92	3	Vertical	169	1.50	94.52	34.06	5.15	27.29				
PK	5.647G	63.93	68.20	-4.27	11.17	3	Vertical	169	1.50	52.76	33.39	5.03	27.25				
PK	5.7658G	118.90	Inf	-Inf	11.92	3	Vertical	169	1.50	106.98	34.06	5.15	27.29				
PK	6.0526G	64.60	68.20	-3.60	12.05	3	Vertical	169	1.50	52.55	34.39	5.11	27.45				

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

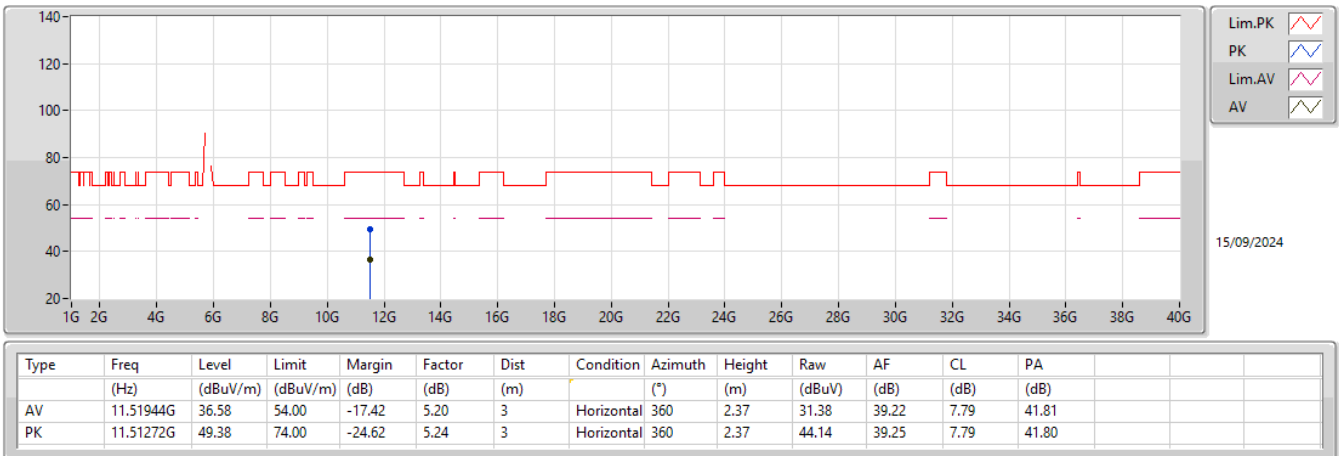
5755MHz_TX



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	11.5236G	36.43	54.00	-17.57	5.19	3	Vertical	18	1.50	31.24	39.21	7.79	41.81				
PK	11.49064G	50.12	74.00	-23.88	5.26	3	Vertical	18	1.50	44.86	39.28	7.78	41.80				

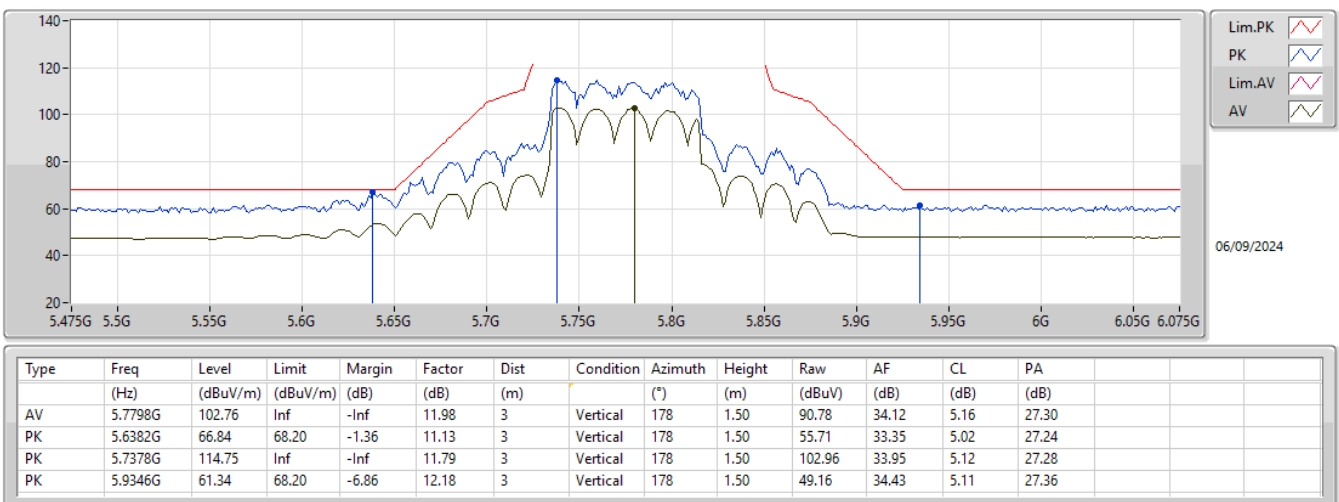
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5755MHz_TX



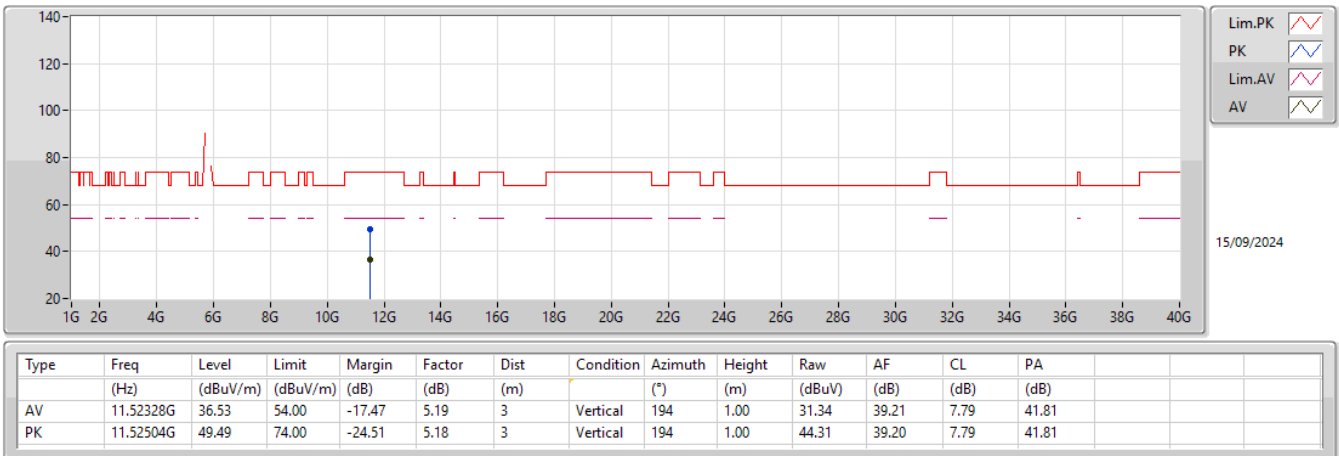
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_TX



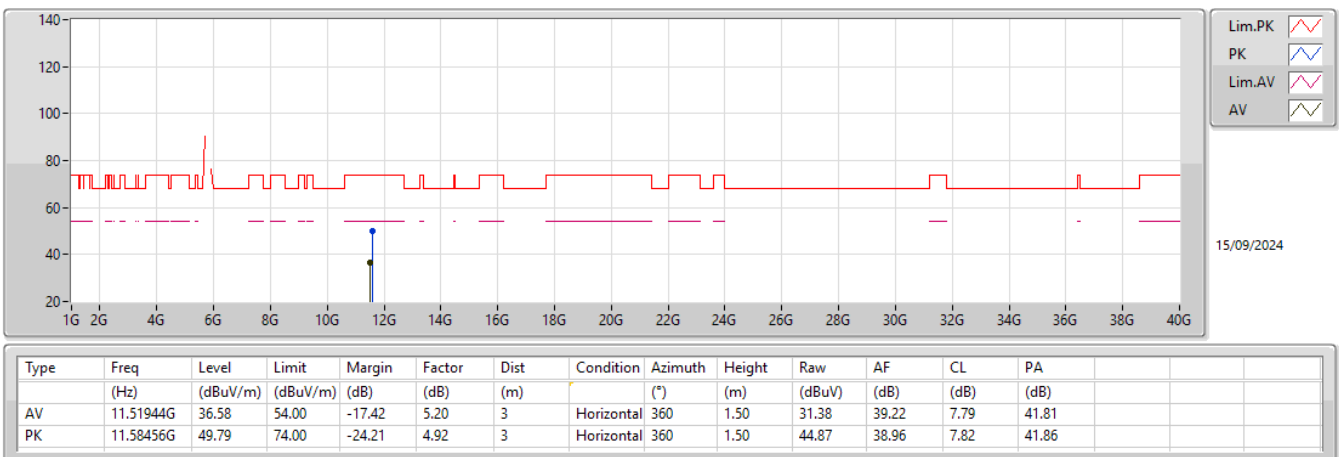
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5775MHz_TX



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

5775MHz_TX





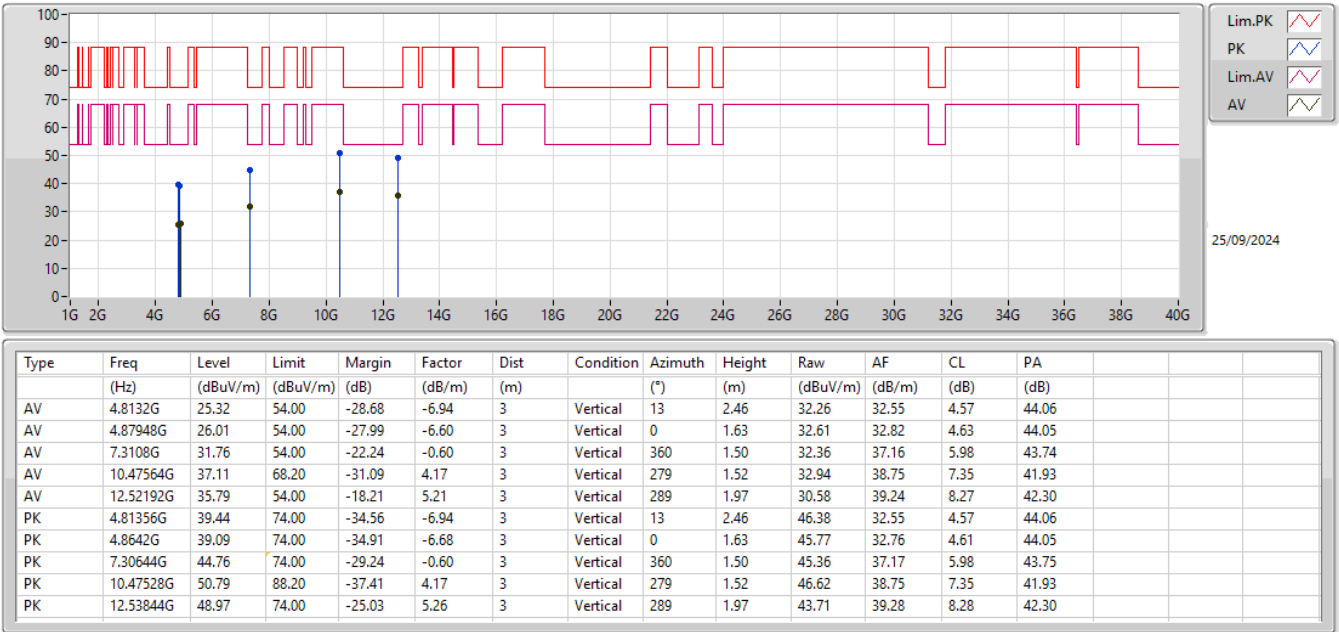
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	AV	12.53192G	35.81	54.00	-18.19	Horizontal
Mode 2	Pass	AV	7.31156G	53.71	54.00	-0.29	Vertical

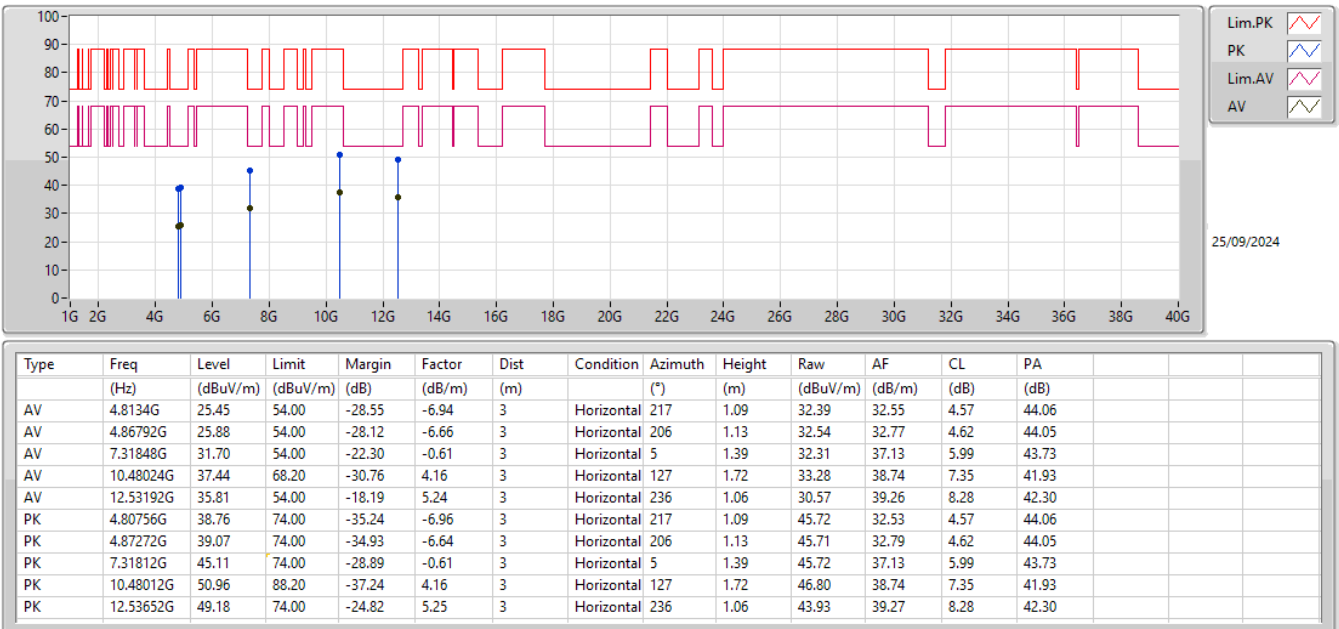
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	4.8132G	25.32	54.00	-28.68	3	Vertical	13	2.46
Mode 1	Pass	AV	4.87948G	26.01	54.00	-27.99	3	Vertical	0	1.63
Mode 1	Pass	AV	7.3108G	31.76	54.00	-22.24	3	Vertical	360	1.50
Mode 1	Pass	AV	10.47564G	37.11	68.20	-31.09	3	Vertical	279	1.52
Mode 1	Pass	AV	12.52192G	35.79	54.00	-18.21	3	Vertical	289	1.97
Mode 1	Pass	PK	4.81356G	39.44	74.00	-34.56	3	Vertical	13	2.46
Mode 1	Pass	PK	4.8642G	39.09	74.00	-34.91	3	Vertical	0	1.63
Mode 1	Pass	PK	7.30644G	44.76	74.00	-29.24	3	Vertical	360	1.50
Mode 1	Pass	PK	10.47528G	50.79	88.20	-37.41	3	Vertical	279	1.52
Mode 1	Pass	PK	12.53844G	48.97	74.00	-25.03	3	Vertical	289	1.97
Mode 1	Pass	AV	4.8134G	25.45	54.00	-28.55	3	Horizontal	217	1.09
Mode 1	Pass	AV	4.86792G	25.88	54.00	-28.12	3	Horizontal	206	1.13
Mode 1	Pass	AV	7.31848G	31.70	54.00	-22.30	3	Horizontal	5	1.39
Mode 1	Pass	AV	10.48024G	37.44	68.20	-30.76	3	Horizontal	127	1.72
Mode 1	Pass	AV	12.53192G	35.81	54.00	-18.19	3	Horizontal	236	1.06
Mode 1	Pass	PK	4.80756G	38.76	74.00	-35.24	3	Horizontal	217	1.09
Mode 1	Pass	PK	4.87272G	39.07	74.00	-34.93	3	Horizontal	206	1.13
Mode 1	Pass	PK	7.31812G	45.11	74.00	-28.89	3	Horizontal	5	1.39
Mode 1	Pass	PK	10.48012G	50.96	88.20	-37.24	3	Horizontal	127	1.72
Mode 1	Pass	PK	12.53652G	49.18	74.00	-24.82	3	Horizontal	236	1.06
Mode 2	Pass	AV	4.81104G	30.60	54.00	-23.40	3	Vertical	262	1.79
Mode 2	Pass	AV	4.87392G	41.93	54.00	-12.07	3	Vertical	98	2.89
Mode 2	Pass	AV	7.31156G	53.71	54.00	-0.29	3	Vertical	272	3.00
Mode 2	Pass	AV	10.482G	40.03	68.20	-28.17	3	Vertical	39	1.61
Mode 2	Pass	AV	12.508G	39.06	54.00	-14.94	3	Vertical	286	2.92
Mode 2	Pass	PK	4.8108G	40.07	74.00	-33.93	3	Vertical	263	1.98
Mode 2	Pass	PK	4.87408G	51.96	74.00	-22.04	3	Vertical	98	2.89
Mode 2	Pass	PK	7.30596G	65.18	74.00	-8.82	3	Vertical	267	3.00
Mode 2	Pass	PK	10.482G	50.32	88.20	-37.88	3	Vertical	39	1.61
Mode 2	Pass	PK	12.5712G	50.11	74.00	-23.89	3	Vertical	286	1.37
Mode 2	Pass	AV	4.81284G	34.30	54.00	-19.70	3	Horizontal	158	2.10
Mode 2	Pass	AV	4.87384G	43.83	54.00	-10.17	3	Horizontal	120	2.18
Mode 2	Pass	AV	7.31028G	52.37	54.00	-1.63	3	Horizontal	205	1.00
Mode 2	Pass	AV	10.4817G	39.46	68.20	-28.74	3	Horizontal	54	1.83
Mode 2	Pass	AV	12.53G	39.71	54.00	-14.29	3	Horizontal	253	1.55
Mode 2	Pass	PK	4.81016G	41.44	74.00	-32.56	3	Horizontal	158	2.02
Mode 2	Pass	PK	4.87424G	54.41	74.00	-19.59	3	Horizontal	120	2.18
Mode 2	Pass	PK	7.30588G	64.26	74.00	-9.74	3	Horizontal	205	1.00
Mode 2	Pass	PK	10.4565G	50.44	88.20	-37.76	3	Horizontal	54	2.43
Mode 2	Pass	PK	12.5288G	51.10	74.00	-22.90	3	Horizontal	253	1.50

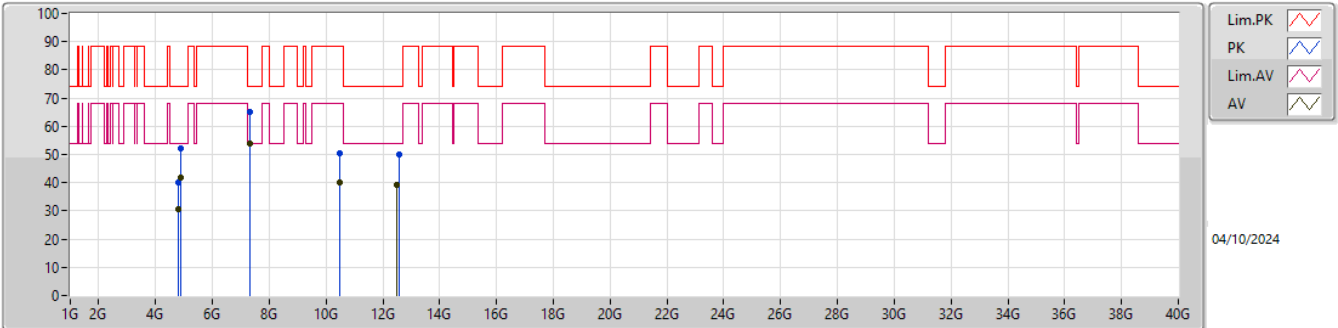
Radiated Emissions above 1GHz_Mode 1



Radiated Emissions above 1GHz_Mode 1

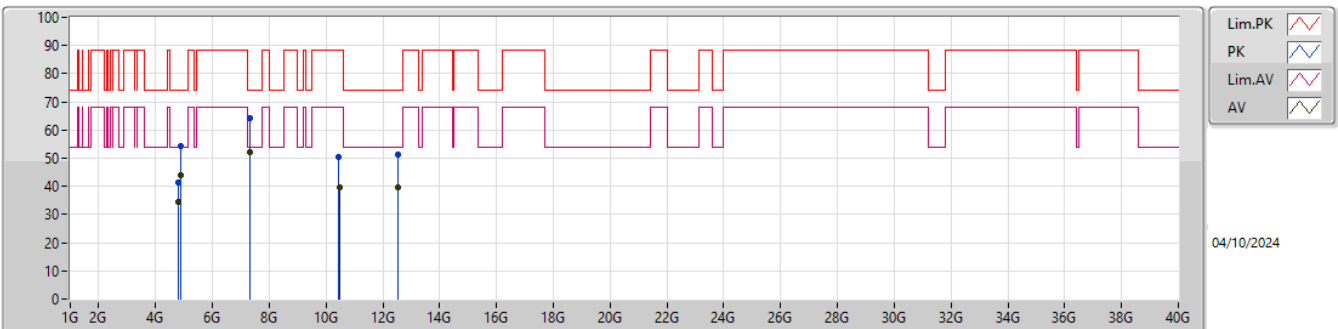


Radiated Emissions above 1GHz_Mode 2



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	4.81104G	30.60	54.00	-23.40	-1.45	3	Vertical	262	1.79	32.05	32.57	4.21	38.23
AV	4.87392G	41.93	54.00	-12.07	-1.17	3	Vertical	98	2.89	43.10	32.80	4.24	38.21
AV	7.31156G	53.71	54.00	-0.29	6.28	3	Vertical	272	3.00	47.43	37.25	6.00	36.97
AV	10.482G	40.03	68.20	-28.17	9.11	3	Vertical	39	1.61	30.92	39.04	7.63	37.56
AV	12.508G	39.06	54.00	-14.94	9.70	3	Vertical	286	2.92	29.36	39.22	8.68	38.20
PK	4.8108G	40.07	74.00	-33.93	-1.46	3	Vertical	263	1.98	41.53	32.56	4.21	38.23
PK	4.87408G	51.96	74.00	-22.04	-1.17	3	Vertical	98	2.89	53.13	32.80	4.24	38.21
PK	7.30596G	65.18	74.00	-8.82	6.29	3	Vertical	267	3.00	58.89	37.28	5.99	36.98
PK	10.482G	50.32	88.20	-37.88	9.11	3	Vertical	39	1.61	41.21	39.04	7.63	37.56
PK	12.5712G	50.11	74.00	-23.89	9.81	3	Vertical	286	1.37	40.30	39.34	8.72	38.25

Radiated Emissions above 1GHz_Mode 2



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	4.81284G	34.30	54.00	-19.70	-1.43	3	Horizontal	158	2.10	35.73	32.58	4.22	38.23
AV	4.87384G	43.83	54.00	-10.17	-1.17	3	Horizontal	120	2.18	45.00	32.80	4.24	38.21
AV	7.31028G	52.37	54.00	-1.63	6.29	3	Horizontal	205	1.00	46.08	37.26	6.00	36.97
AV	10.4817G	39.46	68.20	-28.74	9.11	3	Horizontal	54	1.83	30.35	39.04	7.63	37.56
AV	12.53G	39.71	54.00	-14.29	9.74	3	Horizontal	253	1.55	29.97	39.26	8.70	38.22
PK	4.81016G	41.44	74.00	-32.56	-1.46	3	Horizontal	158	2.02	42.90	32.56	4.21	38.23
PK	4.87424G	54.41	74.00	-19.59	-1.17	3	Horizontal	120	2.18	55.58	32.80	4.24	38.21
PK	7.30588G	64.26	74.00	-9.74	6.29	3	Horizontal	205	1.00	57.97	37.28	5.99	36.98
PK	10.4565G	50.44	88.20	-37.76	9.13	3	Horizontal	54	2.43	41.31	39.09	7.61	37.57
PK	12.5288G	51.10	74.00	-22.90	9.74	3	Horizontal	253	1.50	41.36	39.26	8.70	38.22