

FCC Radio Test Report

FCC ID : HDC-17600082
Equipment : WiFi 7 Outdoor AP
Brand Name : **Adtran**
Model Name : SDG-9712oYYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")
Part Number : 17600082FYYYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")
Applicant : Adtran
901 Explorer Boulevard, Huntsville, Alabama,
United States,35806-2807
Manufacturer : XAVi Technologies Corporation
22F., No.69, Sec. 2, Guangfu Rd., Sanchong Dist.,
New Taipei City 241, Taiwan (R.O.C.)
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 04, 2024, and testing was started from Nov. 14, 2024 and completed on Dec. 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.


Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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TEL : 886-3-3273456
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Report Template No.: HE1-D1 Ver4.5
FCC ID: HDC-17600082

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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	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: Ryan Hsiao

Report Producer: Julie Tseng



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5250-5350	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5250-5350	ac (VHT80), ax (HEW80) be (EHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5150-5725	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11a	20	1TX
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.25-5.35GHz	802.11a	20	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11a	20	4TX(Port 1/3/4/5)
5.725-5.85GHz	802.11a	20	4TX(Port 1/3/4/5)
5.25-5.35GHz	802.11be EHT20	20	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11be EHT20	20	4TX(Port 1/3/4/5)
5.725-5.85GHz	802.11be EHT20	20	4TX(Port 1/3/4/5)
5.25-5.35GHz	802.11be EHT40	40	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11be EHT40	40	4TX(Port 1/3/4/5)
5.725-5.85GHz	802.11be EHT40	40	4TX(Port 1/3/4/5)
5.25-5.35GHz	802.11be EHT80	80	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11be EHT80	80	4TX(Port 1/3/4/5)
5.725-5.85GHz	802.11be EHT80	80	4TX(Port 1/3/4/5)
5.15-5.25GHz	802.11be EHT160	160	4TX(Port 1/3/4/5)
5.25-5.35GHz	802.11be EHT160	160	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11be EHT160	160	4TX(Port 1/3/4/5)

Beamforming

Band	Mode	BWch	Nant
5.25-5.35GHz	802.11be EHT20-BF	20	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11be EHT20-BF	20	4TX(Port 1/3/4/5)
5.725-5.85GHz	802.11be EHT20-BF	20	4TX(Port 1/3/4/5)
5.25-5.35GHz	802.11be EHT40-BF	40	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11be EHT40-BF	40	4TX(Port 1/3/4/5)
5.725-5.85GHz	802.11be EHT40-BF	40	4TX(Port 1/3/4/5)
5.25-5.35GHz	802.11be EHT80-BF	80	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11be EHT80-BF	80	4TX(Port 1/3/4/5)
5.725-5.85GHz	802.11be EHT80-BF	80	4TX(Port 1/3/4/5)
5.15-5.25GHz	802.11be EHT160-BF	160	4TX(Port 1/3/4/5)
5.25-5.35GHz	802.11be EHT160-BF	160	4TX(Port 1/3/4/5)
5.47-5.725GHz	802.11be EHT160-BF	160	4TX(Port 1/3/4/5)

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	Radio
1	GALTRONICS	60-3763-03-1	PCB	I-Pex	2.4G+5G	Radio 1+Radio 2
2	GALTRONICS	60-3764-03-2	PCB	I-Pex	2.4G+5G	Radio 1+Radio 2
3	GALTRONICS	60-3763-03-1	PCB	I-Pex	2.4G+5G	Radio 1+Radio 2
4	GALTRONICS	60-3765-03-2	PCB	I-Pex	2.4G+5G	Radio 1+Radio 2
5	GALTRONICS	60-2917-03	PCB	I-Pex	5G	Radio 2
6	GALTRONICS	60-3763-03-2	PCB	I-Pex	SM-DFS	Radio 1+Radio 2

Ant.	Port	Gain (dBi)				
		2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3
1	1	6.32	6.69	7.12	7.23	6.26
2	2	5.41	5.48	5.33	5.66	4.49
3	3	4.46	6.60	6.94	6.33	5.81
4	4	4.93	5.86	5.91	5.78	5.79
5	5	-	3.66	3.76	4.22	4.02
6	6	4.08	4.48	4.54	4.18	3.90

Composite Gain (dBi)					
-	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3
DG [1SS] - Combination-A	7.58	8.4	8.29	7.58	7.22
DG [1SS] - Combination-B	-	8.68	8.68	8.08	7.02
DG [1SS] - Combination-C	-	5.9	5.85	6.19	6.25
DG [1SS] - Combination-D	-	8.84	8.68	8.4	7.27
DG [1SS] - Combination-E	-	5.78	6.01	6.62	6
DG [2SS]	6.32	6.69	7.12	7.23	6.26
DG [4SS]	6.32	6.69	7.12	7.23	6.26

Note 1: The EUT has six 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 AP4O2940.

Note 3: Antenna combination

A = Ant.1 + Ant.2 + Ant.3 + Ant.4

B = Ant.1 + Ant.2 + Ant.3 + Ant.5

C = Ant.1 + Ant.2 + Ant.4 + Ant.5

D = Ant.1 + Ant.3 + Ant.4 + Ant.5

E = Ant.2 + Ant.3 + Ant.4 + Ant.5

**For 2.4GHz function:**

For IEEE 802.11 b/g mode (1TX/1RX) < **Radio 1** >

Support diversity function, port 1 was tested that designated by the manufacturer.

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) < **Radio 1** >

Ant. 1 (port 1)~Ant. 4 (port 4) could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11 a mode (1TX/1RX) < **Radio 2** >

Support diversity function, port 1 was tested that designated by the manufacturer.

For IEEE 802.11 a/n/ac/ax/be mode (4TX/4RX) < **Radio 2** >

Ant. 1 (port 1)~Ant. 6 (port 6) could transmit/receive simultaneously.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From PoE		
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)_4TX(Port1&Port3&Port4&Port5)	0.962	0.17	1.393m	1k
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	0.855	0.68	321.562u	5k
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	0.871	0.6	360.937u	3k
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	0.87	0.6	348.75u	3k
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	0.862	0.64	348.75u	3k

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)_4TX(Port1&Port3&Port4&Port5)	0.855	0.68	321.562u	5k
802.11be EHT40-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	0.871	0.6	360.937u	3k
802.11be EHT80-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	0.87	0.6	348.75u	3k
802.11be EHT160-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	0.862	0.64	348.75u	3k

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

1.1.5 Table for Multiple Listing

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

Model Name	Description
SDG-9712oYYYYYYY(Y can be 0-9, a-z, A-Z, blank, "+" or "-" or "#")	All the models are identical, the difference model served as marketing strategy.

From the above models, SDG-9712o Smart was selected as representative model for the test and its data was recorded in this report.

1.1.6 Table for Multiple Listing

This product is an extension of original one reported under Sporton project number: FR4O2940AN

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
Frequency bands U-NII-2A and U-NII-2C were added	Emission Bandwidth, Maximum Conducted Output Power, Peak Power Spectral Density and Unwanted Emissions above 1GHz were evaluated

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.				
☐	Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)		
		TEL: 886-3-318-0787	FAX: 886-3-318-0287	
Test site Designation No. TW0008 with FCC.				
☒	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	22.9~23.9°C / 55~64%	18/Nov/2024~05/Dec/2024
Radiated	03CH24-HY	Jack Tang	23.1~23.5°C / 52~54%	14/Nov/2024~04/Dec/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
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	MT7990 QA 0.0.2.104
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Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	18.5
5300MHz	18.5
5320MHz	18.5
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	-
5260MHz	12.5
5300MHz	12.5
5320MHz	13
5500MHz	12.5
5580MHz	12.5
5700MHz	12.5
5720MHz Straddle 5.47-5.725GHz	13
5720MHz Straddle 5.725-5.85GHz	13
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-
5260MHz	14
5300MHz	14
5320MHz	14
5500MHz	14
5580MHz	14
5700MHz	13.5
5720MHz Straddle 5.47-5.725GHz	14.5
5720MHz Straddle 5.725-5.85GHz	14.5
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-
5270MHz	14
5310MHz	14
5510MHz	14.5
5550MHz	14.5
5670MHz	14
5710MHz Straddle 5.47-5.725GHz	14
5710MHz Straddle 5.725-5.85GHz	14



802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-
5290MHz	14.5
5530MHz	14.5
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	14
5690MHz Straddle 5.725-5.85GHz	14
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-
5250MHz Straddle 5.15-5.25GHz	16
5250MHz Straddle 5.25-5.35GHz	16
5570MHz	15

Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-
5260MHz	13
5300MHz	12.5
5320MHz	12.5
5500MHz	13
5580MHz	13
5700MHz	12.5
5720MHz Straddle 5.47-5.725GHz	13
5720MHz Straddle 5.725-5.85GHz	13
802.11be EHT40-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-
5270MHz	12.5
5310MHz	13
5510MHz	13.5
5550MHz	13.5
5670MHz	12.5
5710MHz Straddle 5.47-5.725GHz	12.5
5710MHz Straddle 5.725-5.85GHz	12.5
802.11be EHT80-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-
5290MHz	13
5530MHz	13.5
5610MHz	13.5
5690MHz Straddle 5.47-5.725GHz	13
5690MHz Straddle 5.725-5.85GHz	13
802.11be EHT160-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-
5250MHz Straddle 5.15-5.25GHz	16
5250MHz Straddle 5.25-5.35GHz	16
5570MHz	14

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA4O2940-01 for Co-location RF Exposure Evaluation and Appendix E for Radiated Emission Co-location.	



2.3 Accessories

Accessories				
Mounting Bracket	Brand Name	N/A	Model Name	N/A
Grounding Lug Cable	Brand Name	N/A	Model Name	N/A

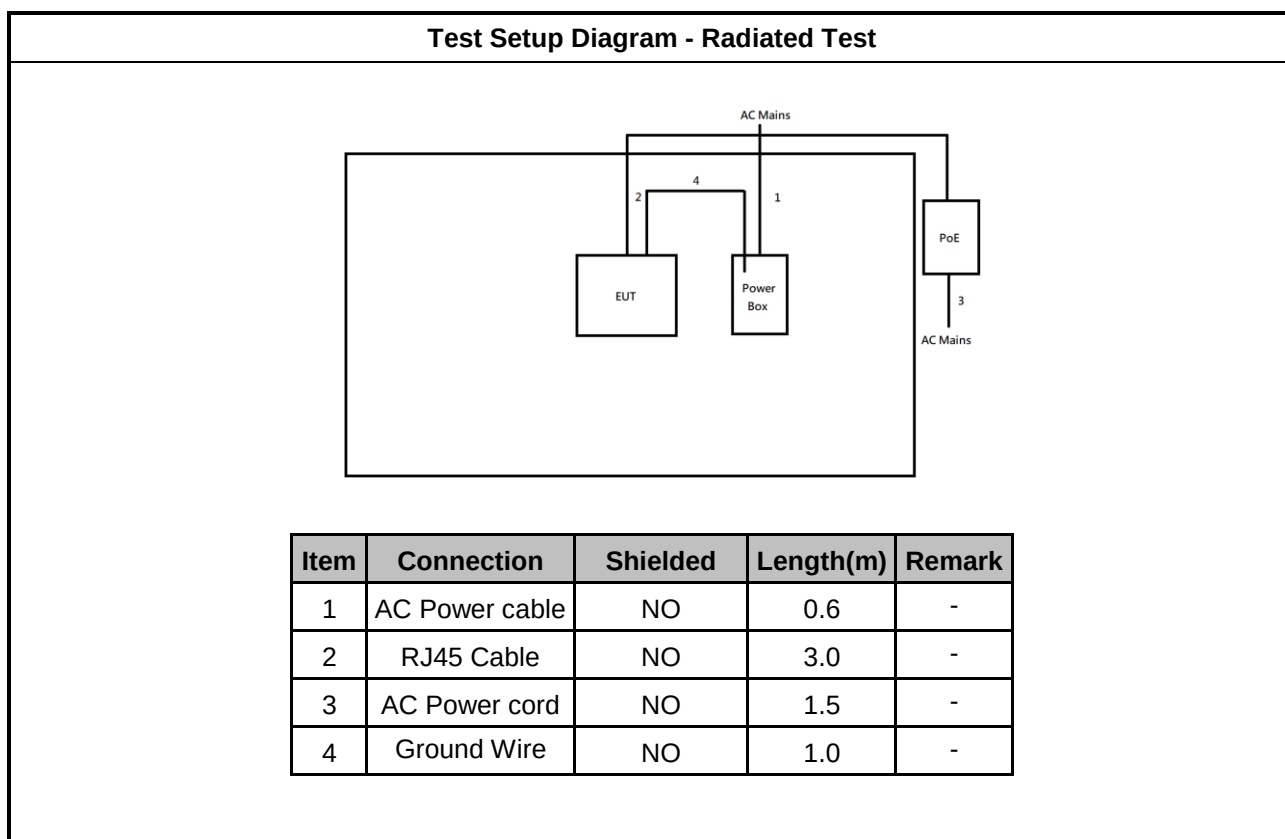
Reminder: Regarding to more detail and other information, please refer to user manual.

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	-	-
3	PoE	CWT	P060U04BT	-	Provided by Customer
4	Power Cord for PoE	-	-	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ45 Cable	Power sync	CAT-6E-03	-	-
2	PoE	CWT	P060U04BT	-	Provided by Customer / Remote
3	Power Cord	DIANXIAN	60227 IEC-53	-	Provided by Customer / Remote

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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.

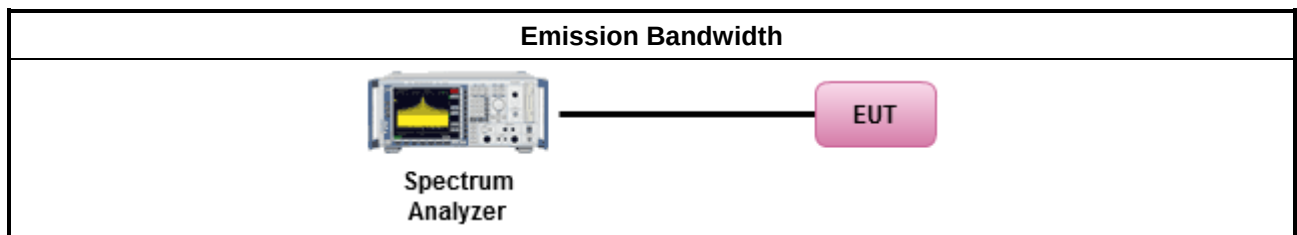
3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$. e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
☐	Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
☐	Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$.
☐	Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed 250 mW. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$.
☒	For the 5.725-5.85 GHz band:
☐	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.2.2 Measuring Instruments

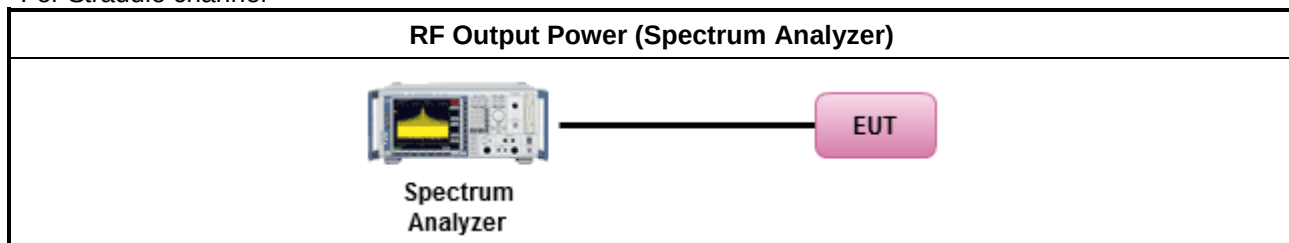
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

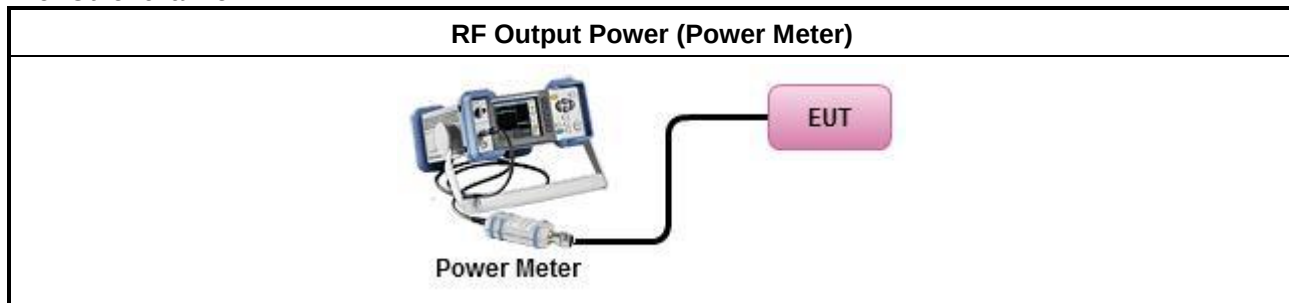
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

3.2.4 Test Setup

For Straddle channel



For Other channel



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



3.3 Peak Power Spectral Density

3.3.1 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.	

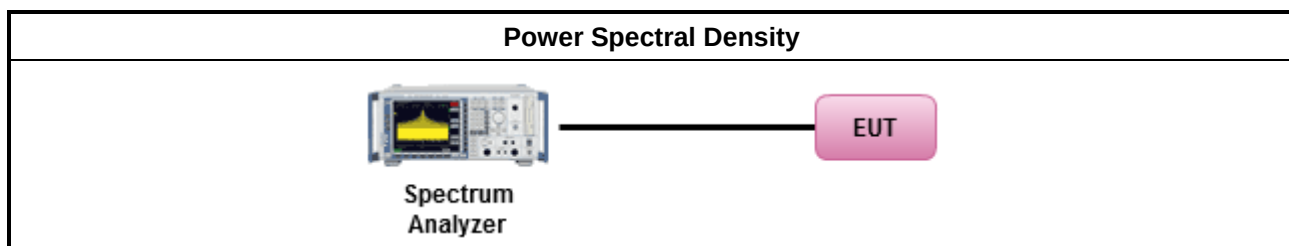
3.3.2 Measuring Instruments

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

3.3.3 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]) $EIRP_{total} = PPSD_{total} + DG$	

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 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).

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

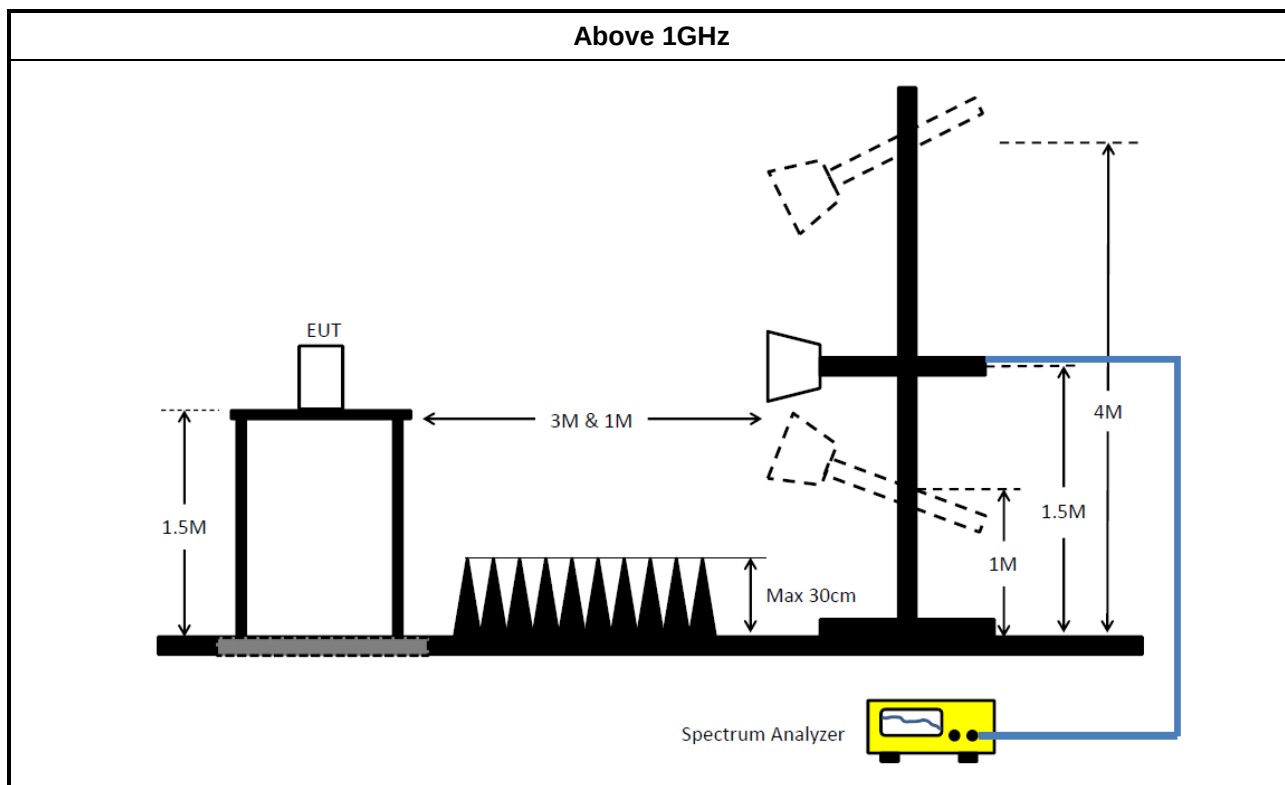
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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.	

3.4.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.5 Test Setup



3.4.6 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.

3.4.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

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	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
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 (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
Signal Analyzer	ROHDE& SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/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-cable-01	9kHz~40GHz	01/Oct/2024	30/Sep/2025
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
Microwave Premplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	81.52M	77.721M	77M7D1D	79.52M	77.161M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.205M	16.404M	16M4D1D	17.985M	16.338M
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	19.195M	16.47M	16M5D1D	17.93M	16.294M
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	19.855M	18.891M	18M9D1D	19.58M	18.791M
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	39.27M	37.581M	37M6D1D	38.83M	37.331M
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	78.54M	76.862M	76M9D1D	78.32M	76.862M
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	79.28M	77.481M	77M5D1D	79.2M	77.161M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.92M	16.404M	16M4D1D	13.98M	13.178M
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	19.91M	16.426M	16M4D1D	14.01M	13.163M
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	19.745M	18.891M	18M9D1D	14.73M	14.378M
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	39.16M	37.631M	37M6D1D	34.405M	33.443M
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	78.76M	76.862M	76M9D1D	74.4M	72.789M
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	160.6M	155.522M	156MD1D	158.4M	154.923M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.24M	3.298M	3M30D1D	3.24M	3.298M
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	3.22M	3.338M	3M34D1D	3.1M	3.298M
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	4.5M	4.518M	4M52D1D	4.18M	4.478M
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	4.06M	4.058M	4M06D1D	3.88M	4.038M
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	4.02M	4.038M	4M04D1D	3.68M	4.018M

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 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)	Port 5-N dB (Hz)	Port 5-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	18.205M	16.382M						
5300MHz	Pass	Inf	18.095M	16.404M						
5320MHz	Pass	Inf	17.985M	16.338M						
5500MHz	Pass	Inf	17.985M	16.404M						
5580MHz	Pass	Inf	18.26M	16.36M						
5700MHz	Pass	Inf	18.92M	16.338M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	13.98M	13.178M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	3.298M						
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	17.985M	16.294M	18.04M	16.294M	17.985M	16.338M	18.15M	16.338M
5300MHz	Pass	Inf	17.93M	16.47M	19.195M	16.404M	18.37M	16.36M	18.26M	16.36M
5320MHz	Pass	Inf	18.59M	16.36M	18.48M	16.382M	17.985M	16.404M	18.26M	16.36M
5500MHz	Pass	Inf	19.91M	16.338M	18.59M	16.382M	18.095M	16.426M	18.975M	16.382M
5580MHz	Pass	Inf	17.985M	16.338M	18.37M	16.382M	18.315M	16.36M	17.93M	16.338M
5700MHz	Pass	Inf	17.82M	16.426M	18.04M	16.404M	18.04M	16.36M	18.865M	16.426M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.055M	13.193M	14.01M	13.163M	14.04M	13.193M	14.04M	13.178M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	3.338M	3.1M	3.298M	3.22M	3.298M	3.18M	3.318M
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.635M	18.841M	19.745M	18.791M	19.8M	18.841M	19.855M	18.841M
5300MHz	Pass	Inf	19.635M	18.816M	19.745M	18.841M	19.69M	18.791M	19.855M	18.841M
5320MHz	Pass	Inf	19.745M	18.791M	19.58M	18.866M	19.69M	18.891M	19.69M	18.816M
5500MHz	Pass	Inf	19.635M	18.841M	19.745M	18.866M	19.745M	18.841M	19.635M	18.891M
5580MHz	Pass	Inf	19.525M	18.841M	19.58M	18.866M	19.635M	18.816M	19.635M	18.841M
5700MHz	Pass	Inf	19.635M	18.816M	19.745M	18.791M	19.69M	18.841M	19.635M	18.816M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.775M	14.378M	14.745M	14.423M	14.775M	14.453M	14.73M	14.408M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.18M	4.478M	4.26M	4.478M	4.48M	4.498M	4.5M	4.518M
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	38.83M	37.381M	38.83M	37.381M	38.83M	37.481M	39.05M	37.331M
5310MHz	Pass	Inf	39.05M	37.581M	38.94M	37.531M	38.94M	37.331M	39.27M	37.481M
5510MHz	Pass	Inf	38.94M	37.431M	39.05M	37.381M	38.94M	37.531M	39.05M	37.431M
5550MHz	Pass	Inf	39.05M	37.481M	38.83M	37.431M	39.05M	37.431M	38.83M	37.581M
5670MHz	Pass	Inf	38.83M	37.631M	39.16M	37.531M	38.83M	37.531M	39.05M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.58M	33.583M	34.405M	33.688M	34.405M	33.443M	34.65M	33.688M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.058M	4.06M	4.058M	4M	4.058M	4M	4.038M
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	78.54M	76.862M	78.32M	76.862M	78.54M	76.862M	78.54M	76.862M
5530MHz	Pass	Inf	78.54M	76.762M	78.32M	76.662M	78.54M	76.762M	78.54M	76.762M
5610MHz	Pass	Inf	78.54M	76.762M	78.32M	76.662M	78.54M	76.462M	78.76M	76.862M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	74.475M	72.864M	74.475M	72.864M	74.4M	72.789M	74.4M	72.939M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.018M	4.02M	4.038M	4M	4.018M	3.68M	4.038M
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.52M	77.161M	81.52M	77.161M	79.52M	77.481M	80.16M	77.721M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.28M	77.321M	79.28M	77.401M	79.2M	77.481M	79.2M	77.161M
5570MHz	Pass	Inf	158.4M	155.122M	160.6M	154.923M	158.4M	155.122M	158.4M	155.522M

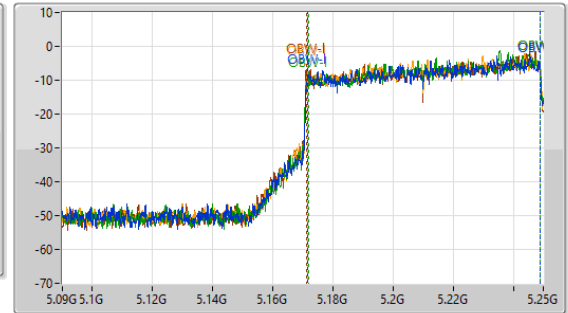
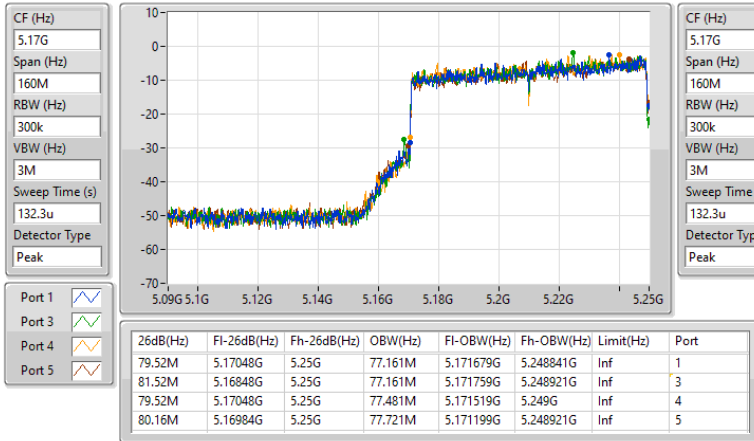
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5250MHz Straddle 5.15-5.25GHz

19/11/2024

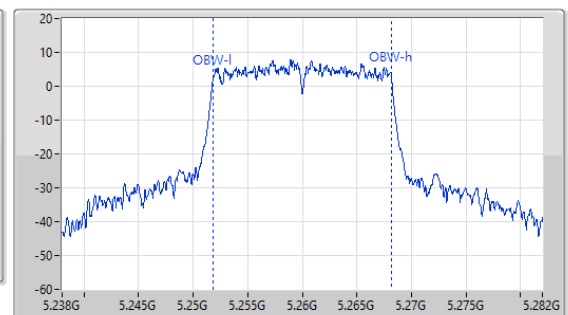
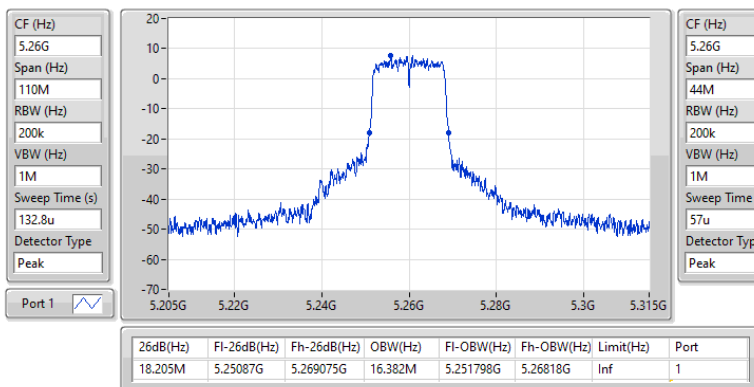


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

04/12/2024

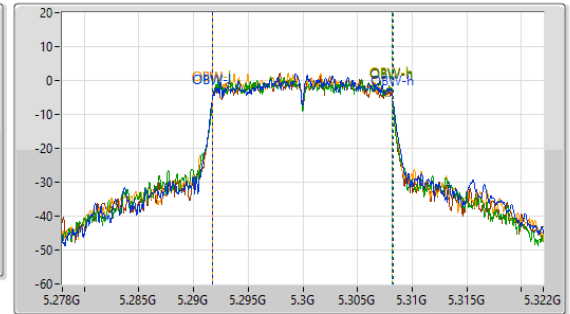
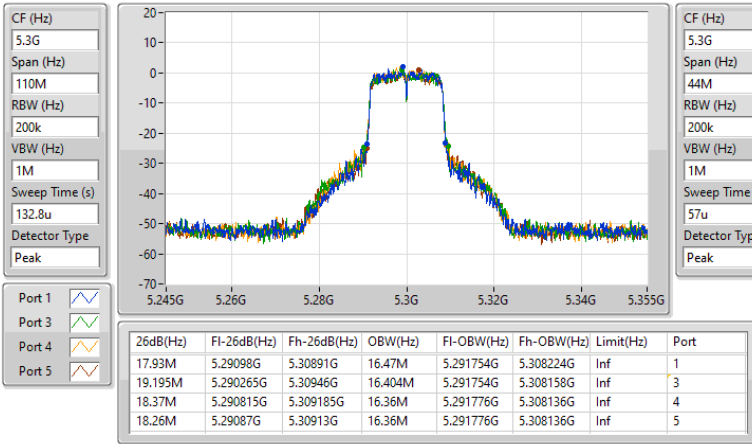


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

EBW

5300MHz

19/11/2024

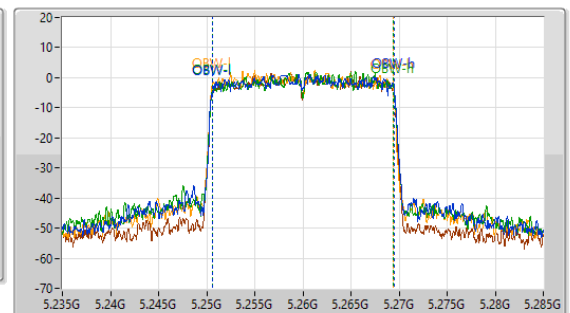
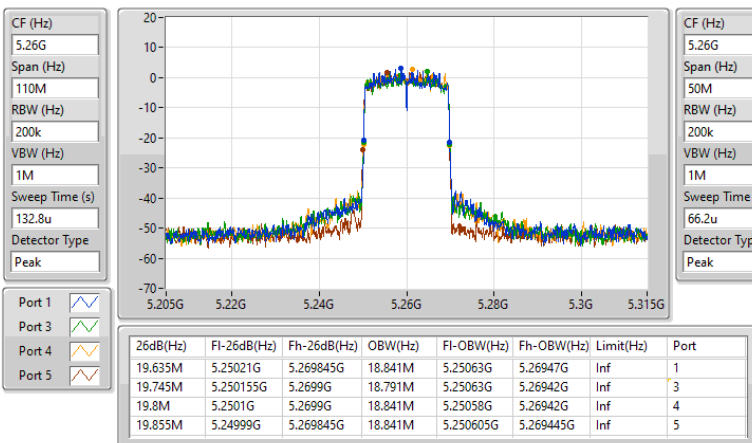


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5260MHz

19/11/2024

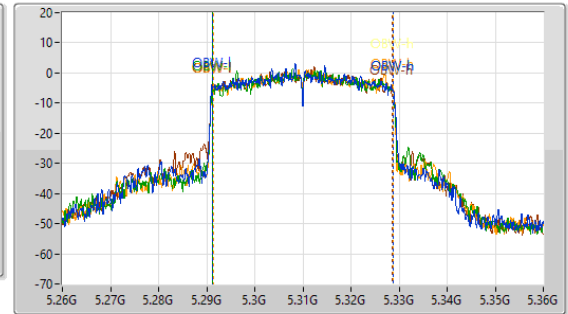
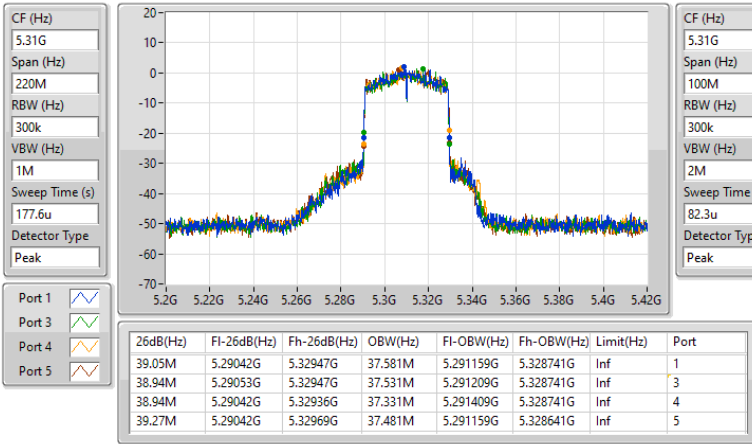


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5310MHz

19/11/2024

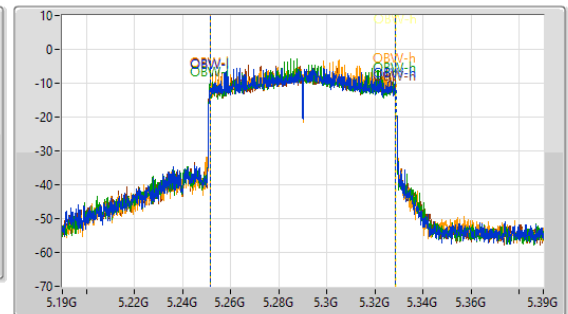
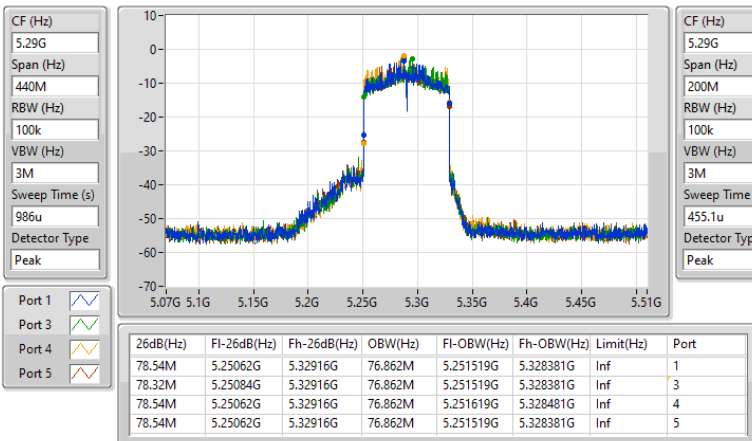


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5290MHz

19/11/2024

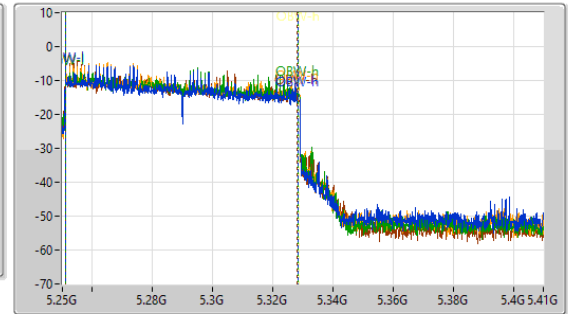
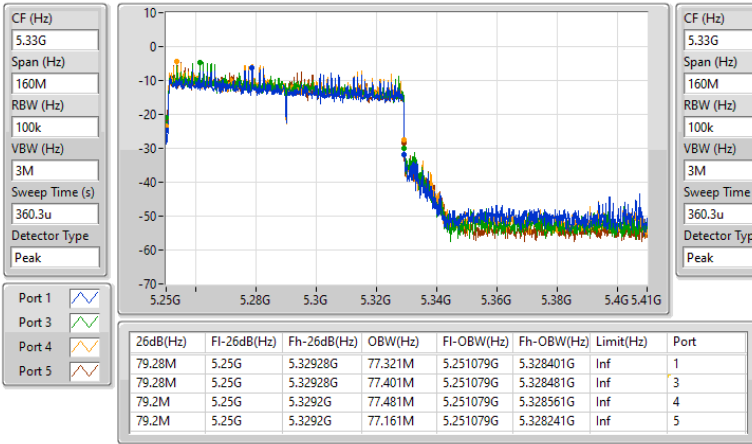


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5250MHz Straddle 5.25-5.35GHz

19/11/2024

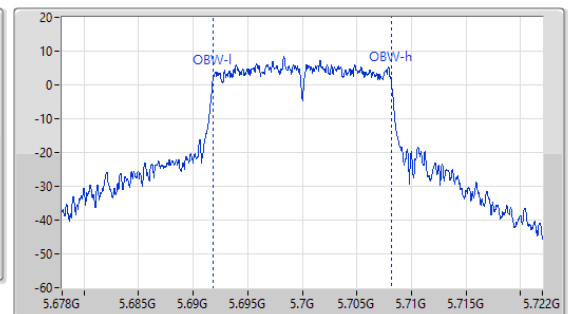
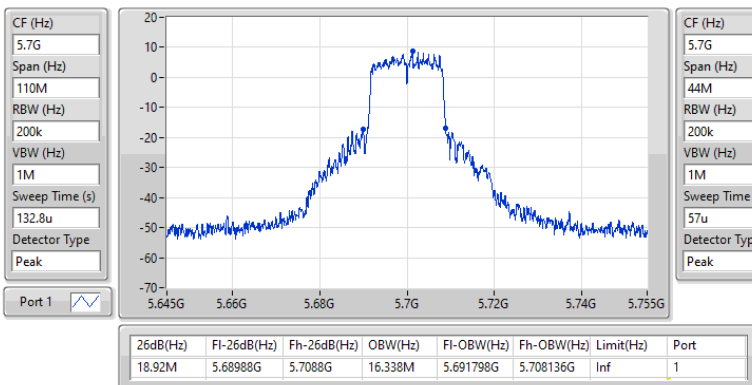


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5700MHz

04/12/2024

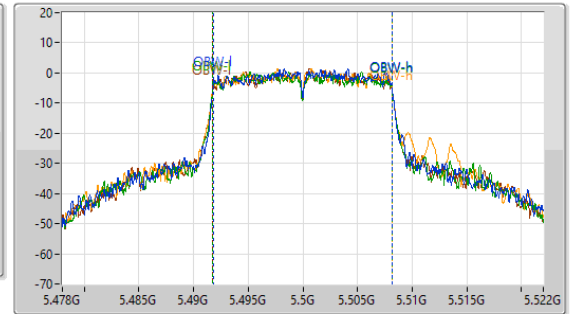
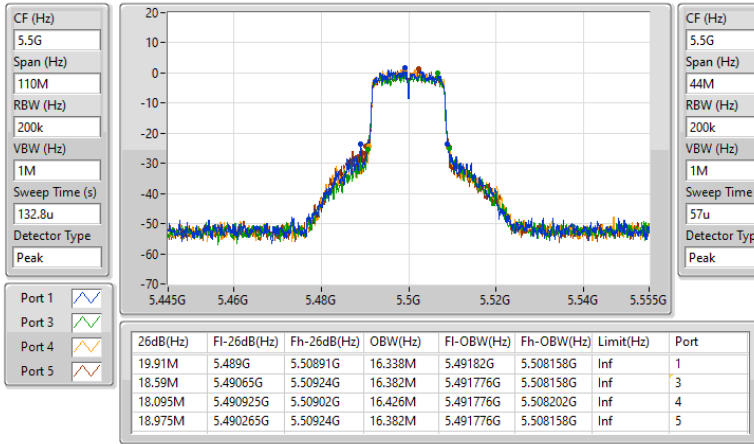


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

EBW

5500MHz

19/11/2024

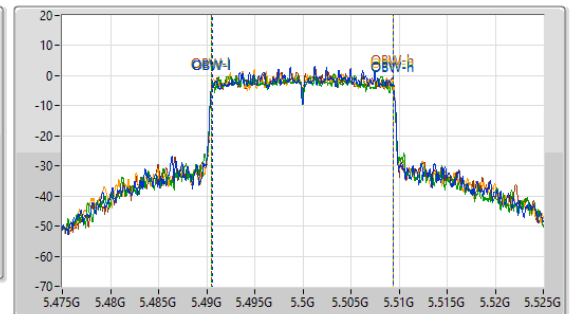
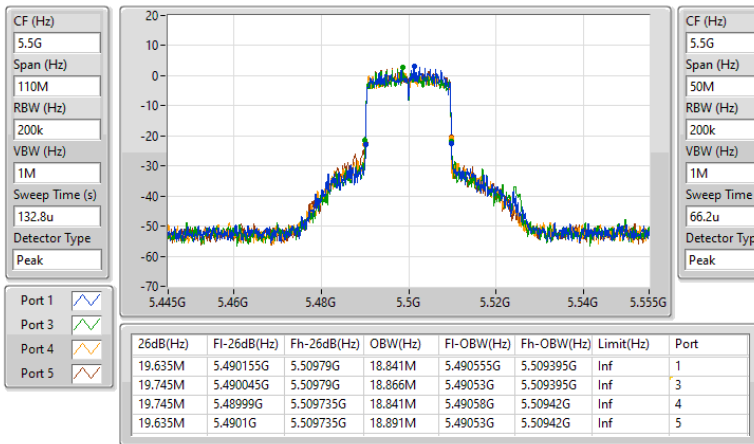


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5500MHz

19/11/2024

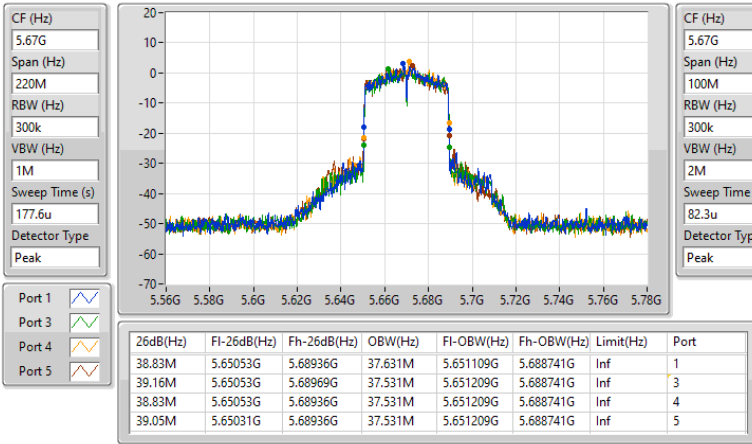


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5670MHz

19/11/2024

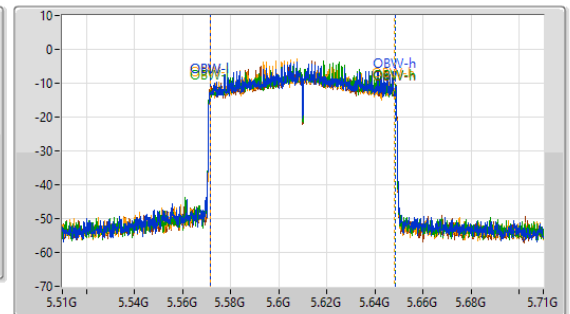
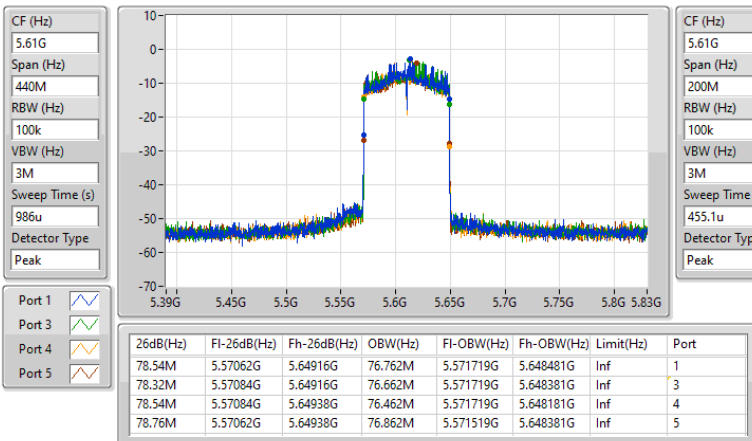


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5610MHz

19/11/2024

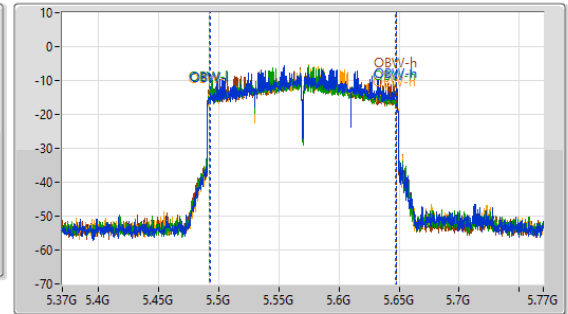
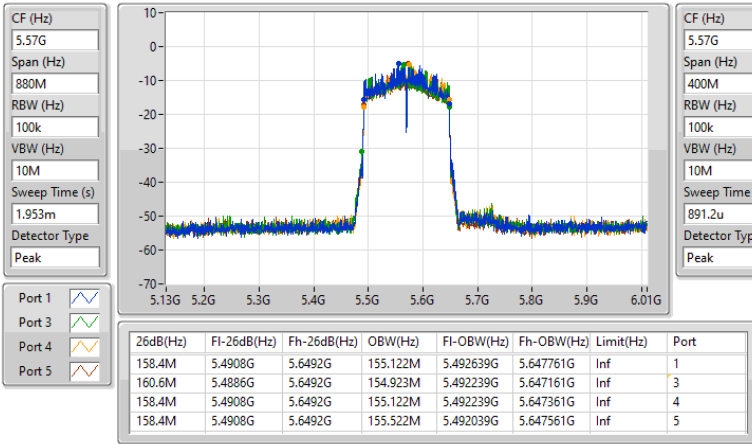


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5570MHz

19/11/2024

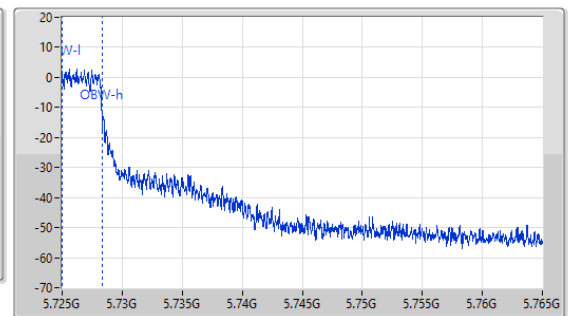
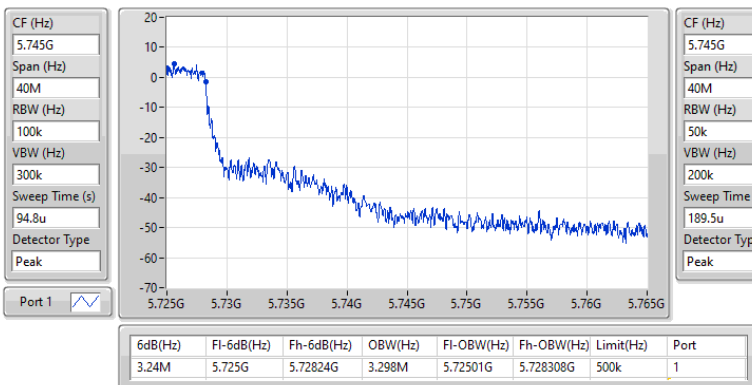


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

04/12/2024

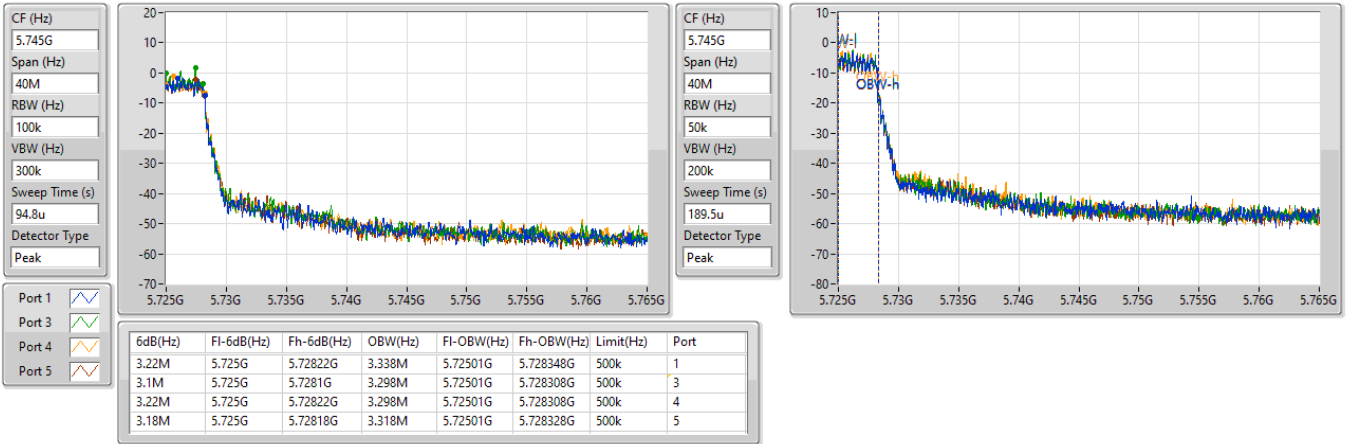


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

EBW

5720MHz Straddle 5.725-5.85GHz

19/11/2024

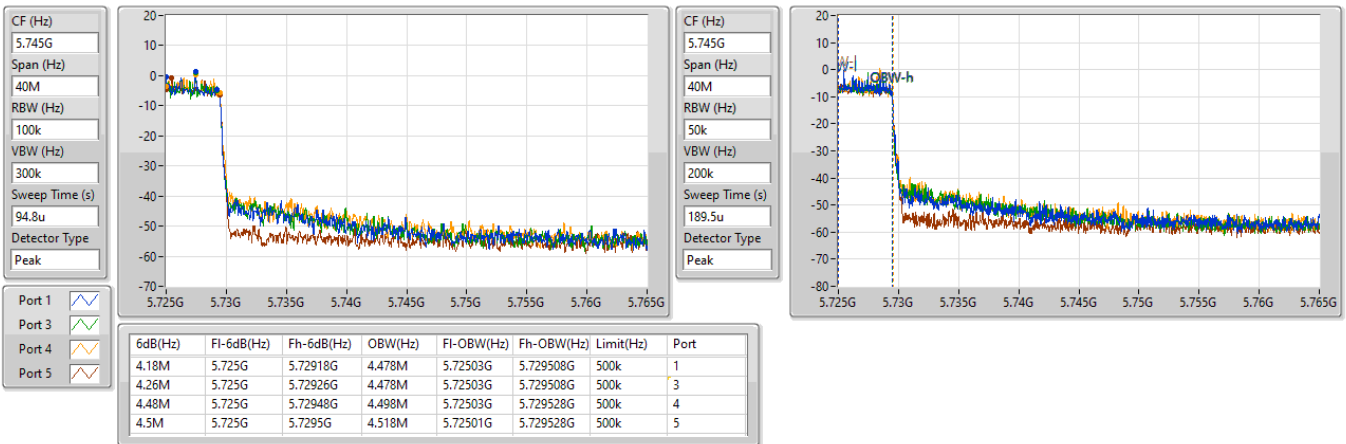


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5720MHz Straddle 5.725-5.85GHz

19/11/2024

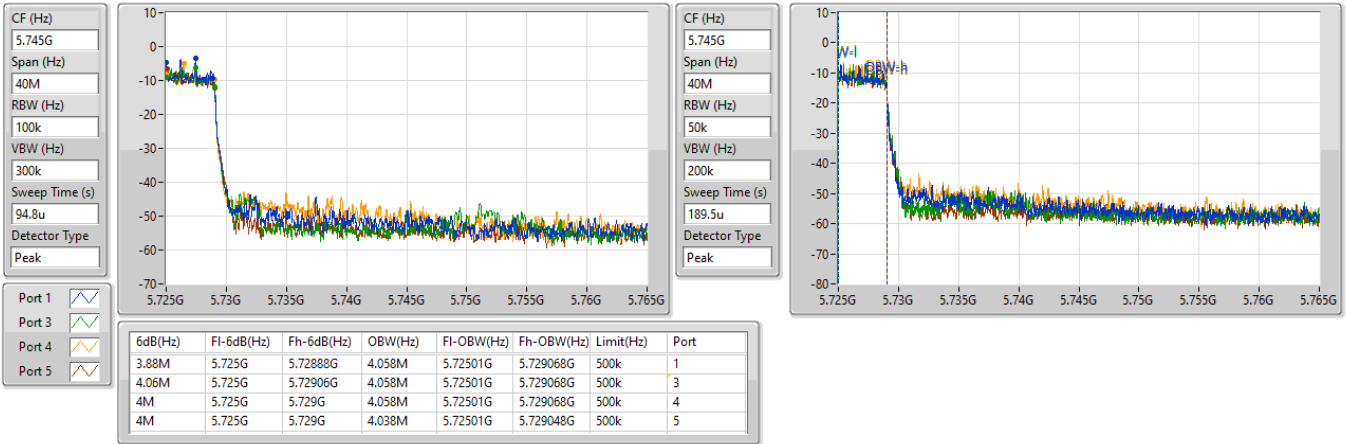


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5710MHz Straddle 5.725-5.85GHz

19/11/2024

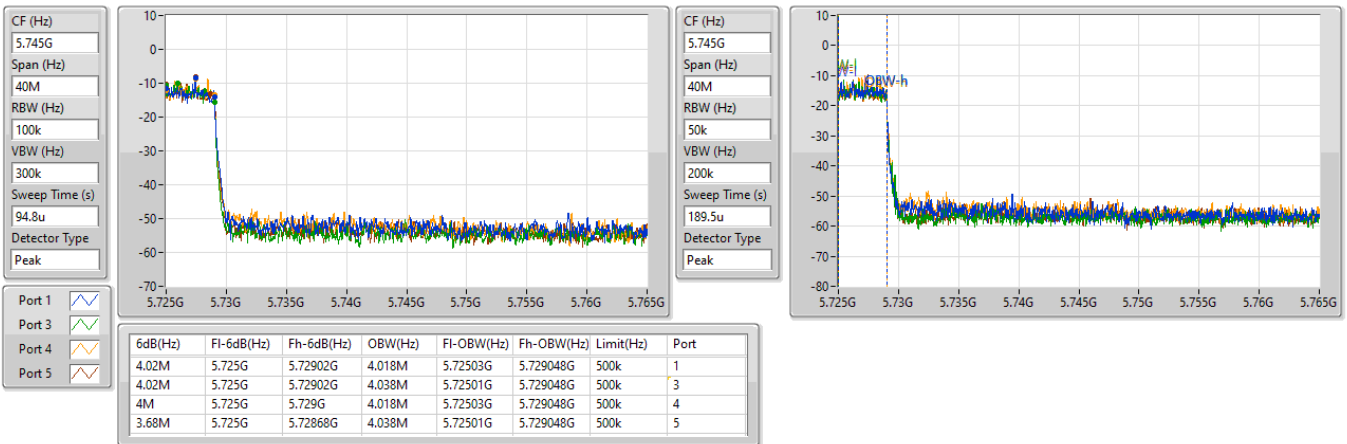


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

EBW

5690MHz Straddle 5.725-5.85GHz

19/11/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.33	0.05408
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.19	0.08299
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	19.33	0.08570
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	19.30	0.08511
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	18.98	0.07907
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	19.24	0.08395
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.49	0.05610
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.17	0.08260
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	19.22	0.08356
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	19.22	0.08356
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	19.23	0.08375
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	19.07	0.08072
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	19.12	0.08166
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.33	0.01710
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	12.22	0.01667
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	13.34	0.02158
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	7.89	0.00615
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	4.28	0.00268

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.12	19.13				19.13	22.48
5300MHz	Pass	7.12	19.12				19.12	22.46
5320MHz	Pass	7.12	19.19				19.19	22.43
5500MHz	Pass	7.23	18.92				18.92	22.32
5580MHz	Pass	7.23	19.17				19.17	22.39
5700MHz	Pass	7.23	18.79				18.79	22.54
5720MHz Straddle 5.47-5.725GHz	Pass	7.23	19.14				19.14	21.23
5720MHz Straddle 5.725-5.85GHz	Pass	6.26	12.33				12.33	29.74
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5260MHz	Pass	7.12	13.25	13.38	13.46	13.04	19.31	22.43
5300MHz	Pass	7.12	13.12	13.17	13.50	12.72	19.16	22.42
5320MHz	Pass	7.12	12.72	13.64	13.62	13.18	19.33	22.43
5500MHz	Pass	7.23	13.01	12.34	13.03	12.82	18.83	22.35
5580MHz	Pass	7.23	12.98	13.25	12.97	12.55	18.97	22.31
5700MHz	Pass	7.23	13.13	13.58	13.26	12.77	19.22	22.28
5720MHz Straddle 5.47-5.725GHz	Pass	7.23	13.12	13.09	13.13	12.53	19.00	21.23
5720MHz Straddle 5.725-5.85GHz	Pass	6.26	6.30	6.51	6.33	5.61	12.22	29.74
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5260MHz	Pass	7.12	13.05	12.99	13.23	13.17	19.13	22.81
5300MHz	Pass	7.12	13.07	12.94	13.67	13.11	19.23	22.81
5320MHz	Pass	7.12	13.36	13.05	13.54	13.16	19.30	22.80
5500MHz	Pass	7.23	13.07	12.48	13.24	12.88	18.95	22.70
5580MHz	Pass	7.23	13.08	13.03	12.91	12.51	18.91	22.68
5700MHz	Pass	7.23	12.68	13.15	13.00	12.70	18.91	22.70
5720MHz Straddle 5.47-5.725GHz	Pass	7.23	13.23	13.25	13.27	13.04	19.22	21.45
5720MHz Straddle 5.725-5.85GHz	Pass	6.26	7.57	7.52	7.44	6.67	13.34	29.74
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5270MHz	Pass	7.12	12.91	12.84	13.24	12.85	18.98	22.86
5310MHz	Pass	7.12	12.63	12.81	12.91	12.87	18.83	22.86
5510MHz	Pass	7.23	13.21	12.73	13.22	12.68	18.99	22.75
5550MHz	Pass	7.23	13.34	12.62	13.19	12.60	18.97	22.75
5670MHz	Pass	7.23	13.21	13.04	13.53	13.04	19.23	22.75
5710MHz Straddle 5.47-5.725GHz	Pass	7.23	13.19	13.32	13.35	12.86	19.20	22.75
5710MHz Straddle 5.725-5.85GHz	Pass	6.26	1.94	2.04	2.09	1.36	7.89	29.74
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5290MHz	Pass	7.12	13.11	13.06	13.62	13.05	19.24	22.86
5530MHz	Pass	7.23	13.06	12.43	13.12	12.71	18.86	22.75
5610MHz	Pass	7.23	13.04	13.13	12.93	12.56	18.94	22.75
5690MHz Straddle 5.47-5.725GHz	Pass	7.23	13.17	12.91	13.15	12.97	19.07	22.75
5690MHz Straddle 5.725-5.85GHz	Pass	6.26	-1.59	-1.88	-1.41	-2.11	4.28	29.74
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.69	10.97	11.42	11.60	11.22	17.33	29.31
5250MHz Straddle 5.25-5.35GHz	Pass	7.12	10.89	11.75	11.82	11.34	17.49	22.86
5570MHz	Pass	7.23	13.38	12.92	13.17	12.90	19.12	22.75

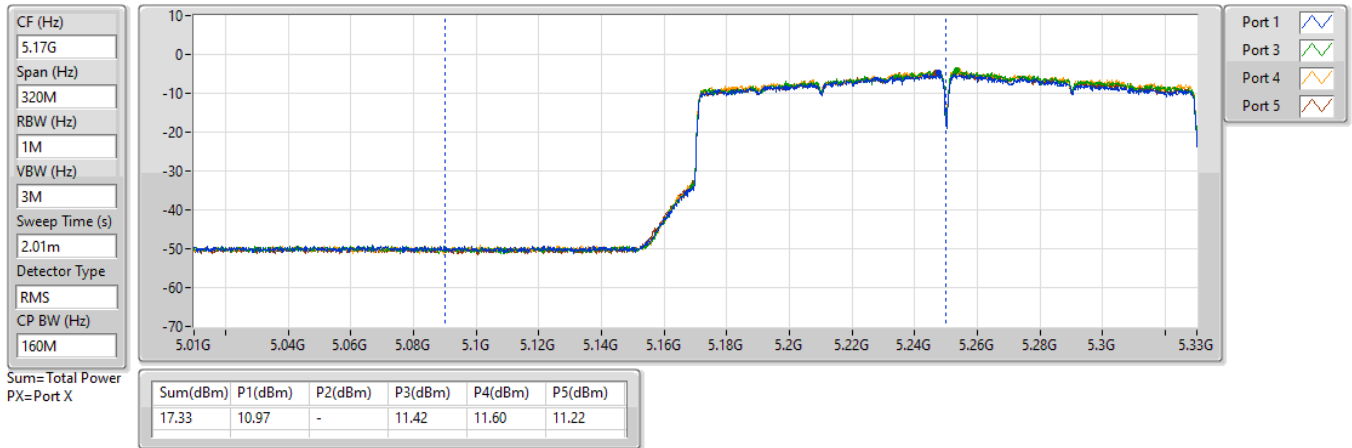
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

19/11/2024

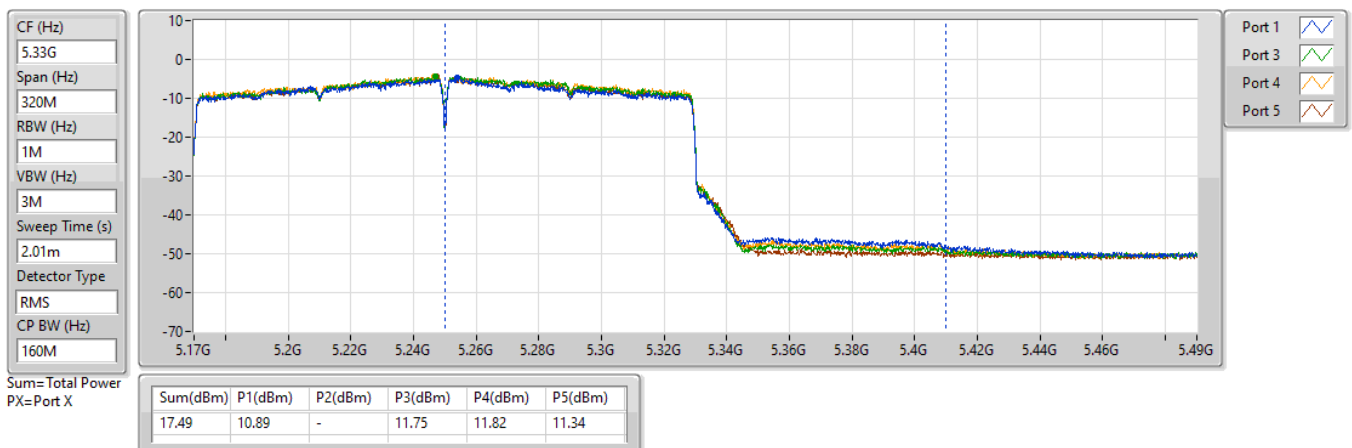


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

19/11/2024

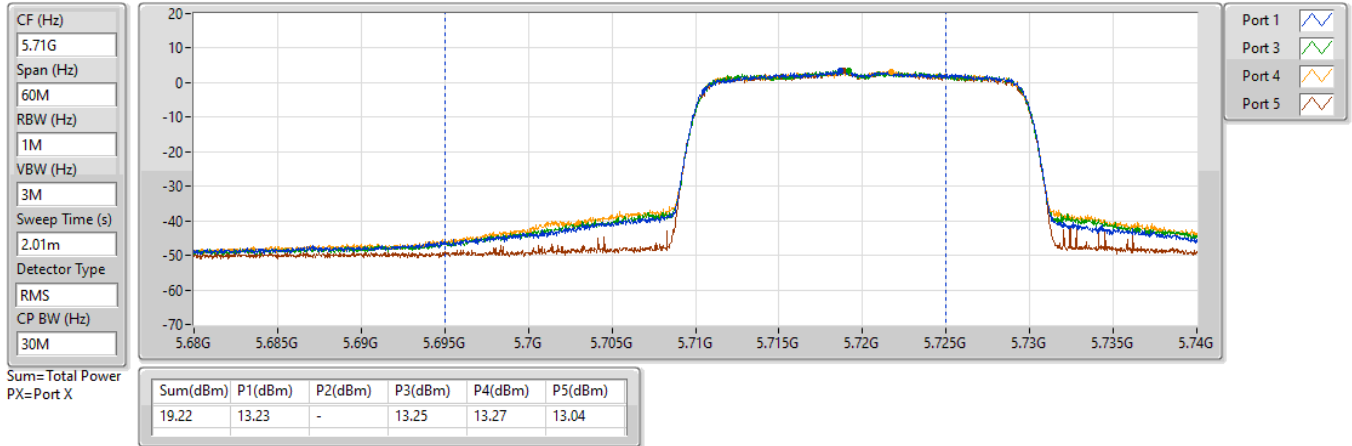


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

19/11/2024

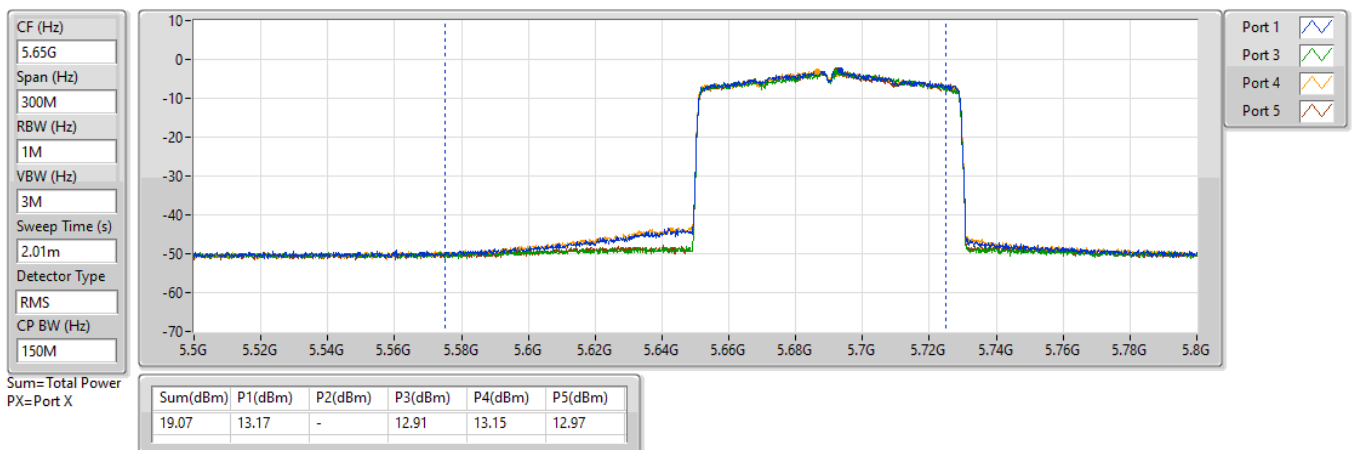


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

19/11/2024

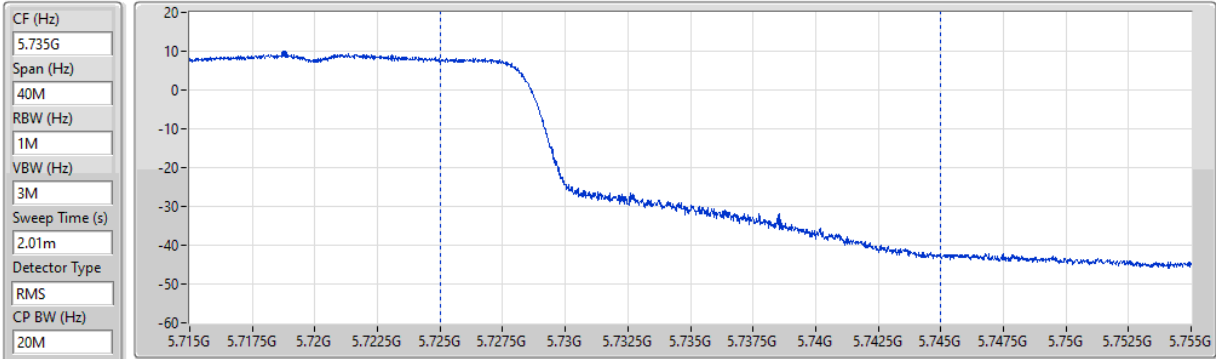


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

04/12/2024



Sum= Total Power
PX=Port X

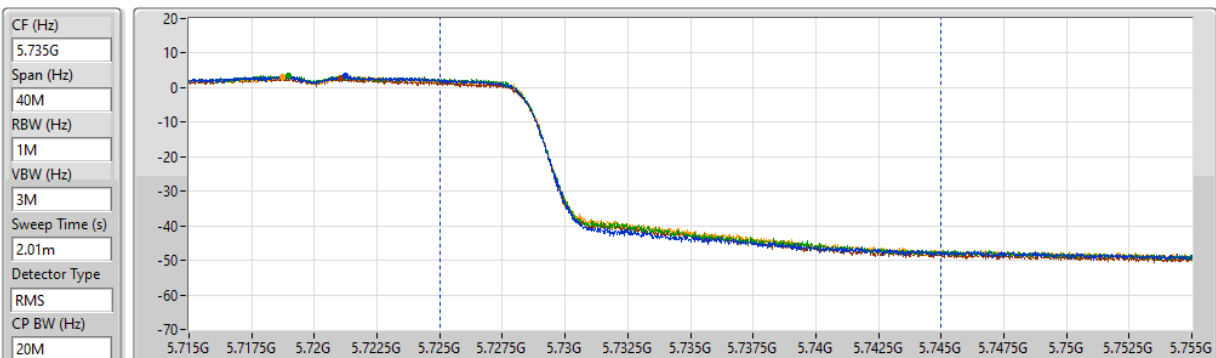
Sum(dBm)	P1(dBm)
12.33	12.33

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

19/11/2024



Sum= Total Power
PX=Port X

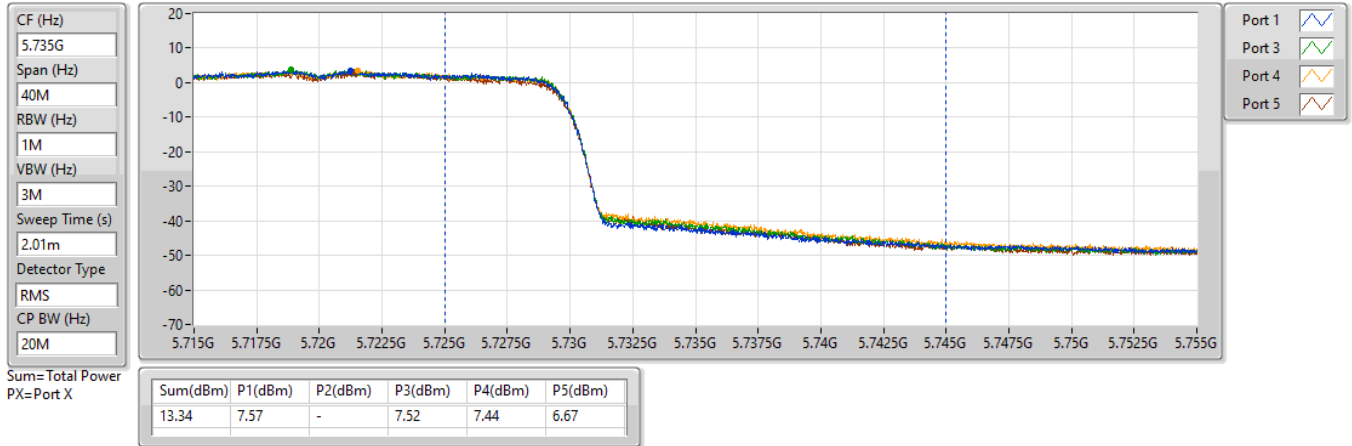
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)	P5(dBm)
12.22	6.30	-	6.51	6.33	5.61

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

19/11/2024

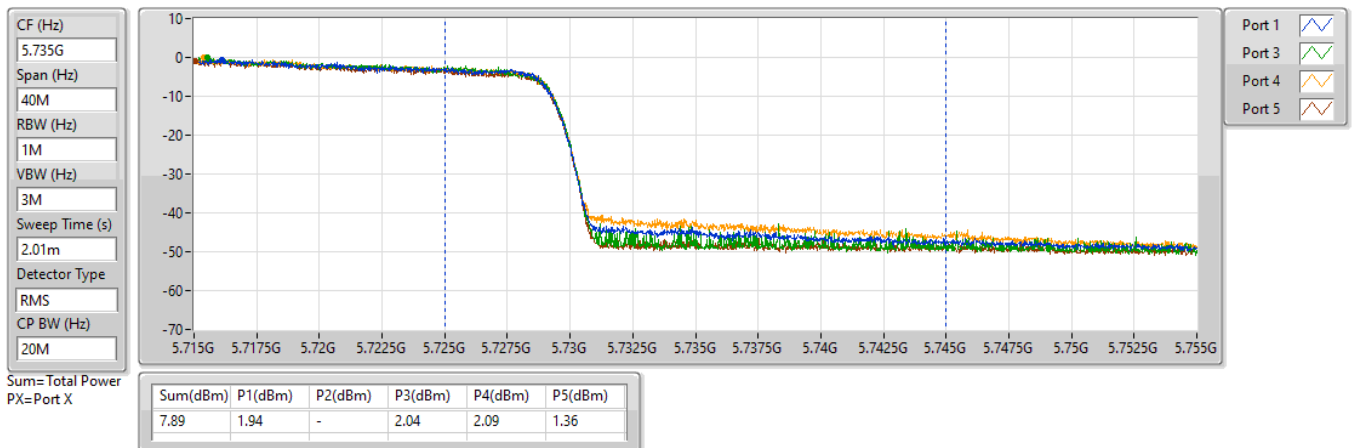


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

19/11/2024

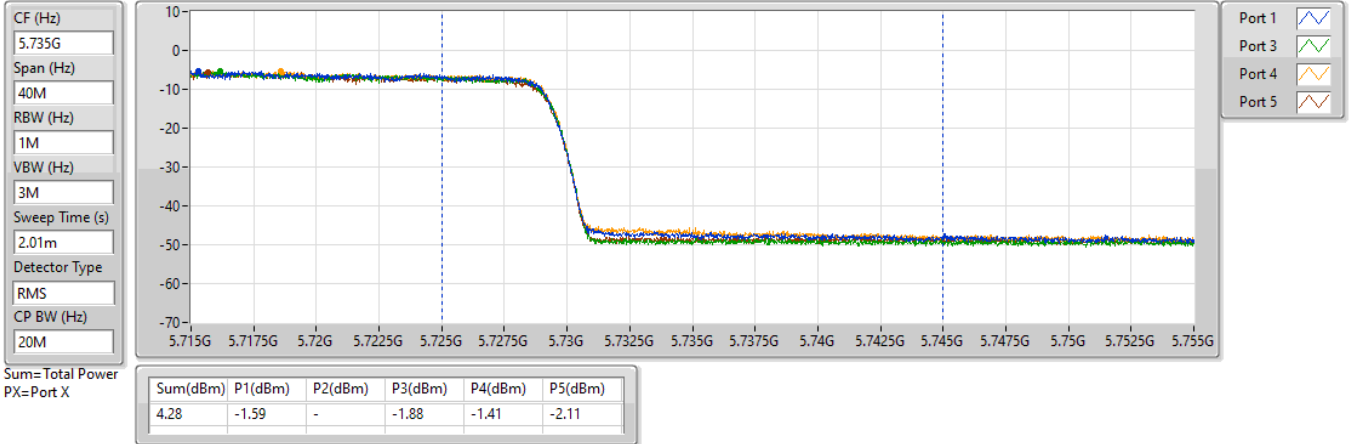


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

19/11/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.33	0.05408	26.17	0.41400
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.72	0.05916	26.40	0.43652
802.11be EHT40-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.75	0.05957	26.43	0.43954
802.11be EHT80-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.65	0.05821	26.33	0.42954
802.11be EHT160-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.49	0.05610	26.17	0.41400
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.85	0.06095	26.25	0.42170
802.11be EHT40-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	17.90	0.06166	26.30	0.42658
802.11be EHT80-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	18.06	0.06397	26.46	0.44259
802.11be EHT160-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	18.03	0.06353	26.43	0.43954
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	11.73	0.01489	19.00	0.07943
802.11be EHT40-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	6.22	0.00419	13.49	0.02234
802.11be EHT80-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	3.40	0.00219	10.67	0.01167

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Port 5 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.68	11.45	-	11.42	11.63	11.54	17.53	21.25	26.21	Inf
5300MHz	Pass	8.68	11.47	-	11.36	12.06	11.56	17.64	21.25	26.32	Inf
5320MHz	Pass	8.68	11.81	-	11.46	11.91	11.61	17.72	21.24	26.40	Inf
5500MHz	Pass	8.40	11.96	-	11.38	12.16	11.80	17.85	21.53	26.25	Inf
5580MHz	Pass	8.40	11.95	-	11.94	11.84	11.39	17.81	21.51	26.21	Inf
5700MHz	Pass	8.40	11.60	-	12.08	11.91	11.65	17.84	21.53	26.24	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	8.40	11.81	-	12.10	11.71	11.25	17.75	20.28	26.15	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	7.27	5.50	-	6.19	5.77	5.33	11.73	28.73	19.00	Inf
802.11be EHT40-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.68	11.40	-	11.33	11.76	11.38	17.49	21.30	26.17	Inf
5310MHz	Pass	8.68	11.58	-	11.71	11.83	11.79	17.75	21.30	26.43	Inf
5510MHz	Pass	8.40	12.10	-	11.67	12.12	11.60	17.90	21.58	26.30	Inf
5550MHz	Pass	8.40	12.26	-	11.52	12.10	11.53	17.89	21.58	26.29	Inf
5670MHz	Pass	8.40	11.68	-	11.56	12.04	11.55	17.73	21.58	26.13	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	8.40	11.83	-	12.19	11.57	11.39	17.78	21.58	26.18	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	7.27	-0.07	-	0.64	0.41	-0.22	6.22	28.73	13.49	Inf
802.11be EHT80-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.68	11.51	-	11.53	12.03	11.43	17.65	21.30	26.33	Inf
5530MHz	Pass	8.40	11.95	-	11.36	12.03	11.62	17.77	21.58	26.17	Inf
5610MHz	Pass	8.40	11.93	-	12.07	11.82	11.43	17.84	21.58	26.24	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	8.40	12.22	-	12.22	11.68	12.02	18.06	21.58	26.46	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	7.27	-2.65	-	-2.70	-2.23	-2.92	3.40	28.73	10.67	Inf
802.11be EHT160-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.84	10.97	-	11.42	11.60	11.22	17.33	27.16	26.17	Inf
5250MHz Straddle 5.25-5.35GHz	Pass	8.68	10.89	-	11.75	11.82	11.34	17.49	21.30	26.17	Inf
5570MHz	Pass	8.40	12.26	-	11.85	12.05	11.85	18.03	21.58	26.43	Inf

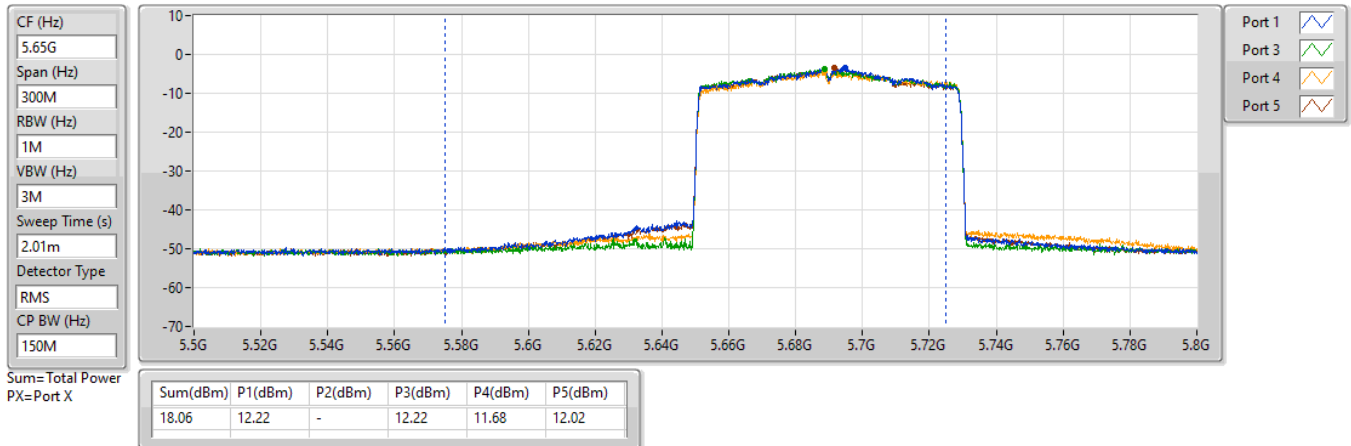
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

20/11/2024

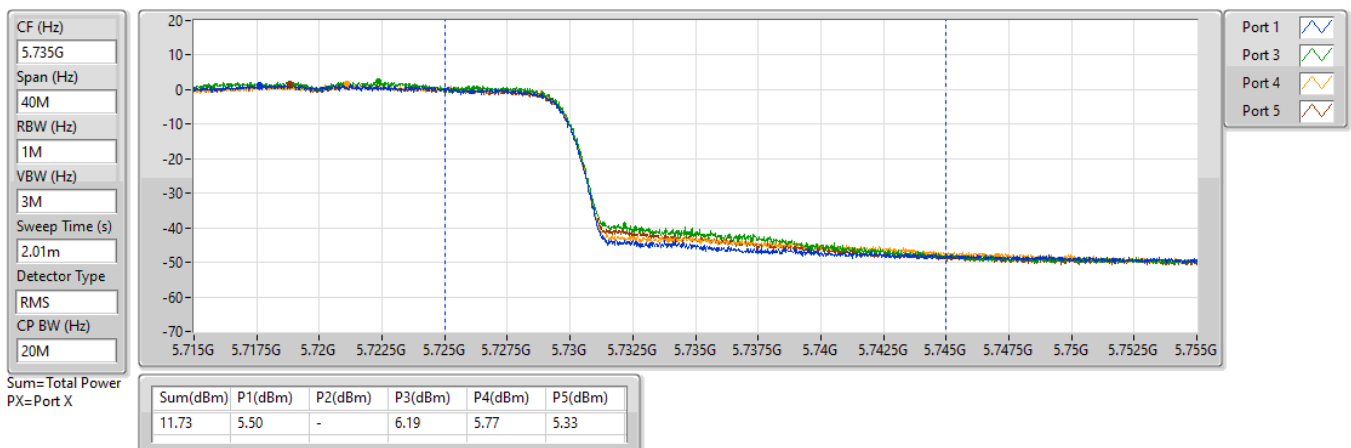


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

20/11/2024

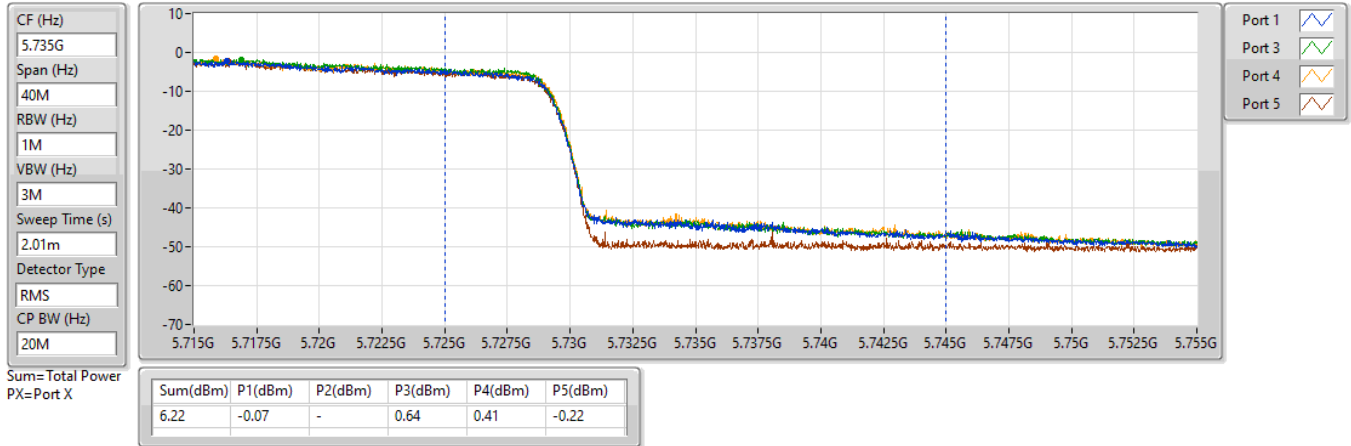


5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

20/11/2024

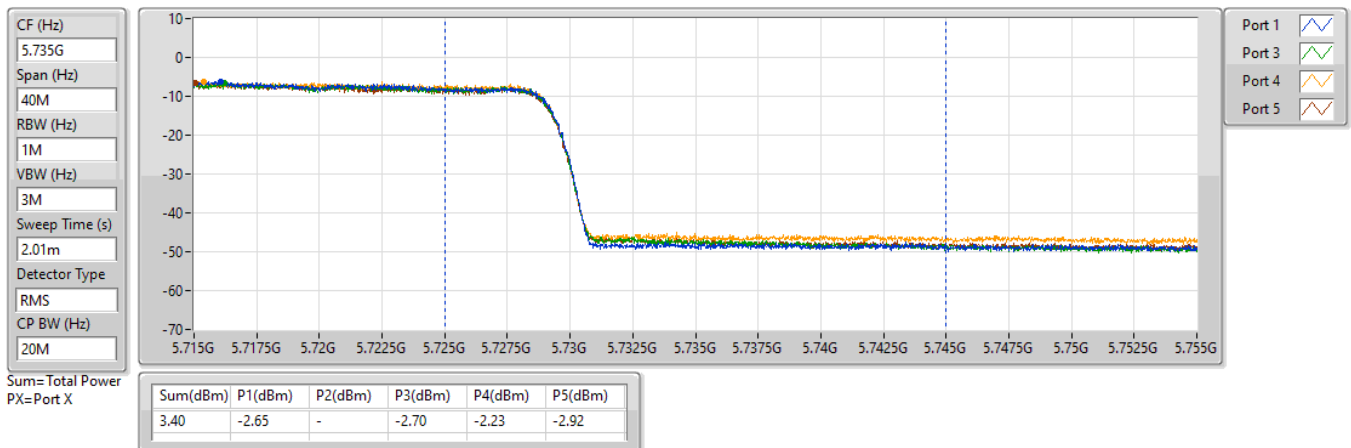


5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

20/11/2024



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-0.41
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.89
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	7.33
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	6.64
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	3.95
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	1.29
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-0.36
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.44
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	7.38
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	7.36
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	4.39
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	1.21
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-1.42
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.01
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	4.92
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	4.83
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-0.17
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-4.04

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	Port 5 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.12	6.82				6.82	9.88
5300MHz	Pass	7.12	6.84				6.84	9.88
5320MHz	Pass	7.12	6.89				6.89	9.88
5500MHz	Pass	7.23	6.61				6.61	9.77
5580MHz	Pass	7.23	6.92				6.92	9.77
5700MHz	Pass	7.23	6.44				6.44	9.77
5720MHz Straddle 5.47-5.725GHz	Pass	7.23	7.44				7.44	9.77
5720MHz Straddle 5.725-5.85GHz	Pass	6.26	5.01				5.01	29.74
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5260MHz	Pass	8.68	1.43	1.49	1.48	1.09	7.33	8.32
5300MHz	Pass	8.68	0.82	0.88	1.22	0.32	6.72	8.32
5320MHz	Pass	8.68	0.95	1.28	1.00	0.52	6.90	8.32
5500MHz	Pass	8.40	0.63	-0.09	0.59	0.45	6.34	8.60
5580MHz	Pass	8.40	0.76	0.94	0.50	-0.01	6.43	8.60
5700MHz	Pass	8.40	0.75	1.30	0.89	0.42	6.77	8.60
5720MHz Straddle 5.47-5.725GHz	Pass	8.40	1.64	1.62	1.60	0.96	7.38	8.60
5720MHz Straddle 5.725-5.85GHz	Pass	7.27	-0.81	-0.86	-0.93	-1.67	4.92	28.73
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5260MHz	Pass	8.68	0.67	0.51	0.80	0.73	6.52	8.32
5300MHz	Pass	8.68	0.69	0.47	1.25	0.65	6.64	8.32
5320MHz	Pass	8.68	0.20	0.54	0.94	0.81	6.51	8.32
5500MHz	Pass	8.40	0.67	0.07	0.87	0.28	6.37	8.60
5580MHz	Pass	8.40	0.76	0.77	0.50	0.11	6.34	8.60
5700MHz	Pass	8.40	0.29	0.77	0.53	0.27	6.32	8.60
5720MHz Straddle 5.47-5.725GHz	Pass	8.40	1.63	1.78	1.67	1.09	7.36	8.60
5720MHz Straddle 5.725-5.85GHz	Pass	7.27	-0.88	-0.97	-0.94	-1.53	4.83	28.73
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5270MHz	Pass	8.68	-1.89	-2.02	-1.75	-1.92	3.95	8.32
5310MHz	Pass	8.68	-2.32	-1.84	-1.93	-2.02	3.80	8.32
5510MHz	Pass	8.40	-1.50	-2.03	-1.60	-2.12	4.02	8.60
5550MHz	Pass	8.40	-1.54	-2.27	-1.69	-2.16	4.02	8.60
5670MHz	Pass	8.40	-1.59	-1.87	-1.39	-2.07	4.13	8.60
5710MHz Straddle 5.47-5.725GHz	Pass	8.40	-1.44	-1.28	-1.19	-1.65	4.39	8.60
5710MHz Straddle 5.725-5.85GHz	Pass	7.27	-6.03	-6.10	-6.13	-6.26	-0.17	28.73
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5290MHz	Pass	8.68	-4.55	-4.91	-3.97	-4.71	1.29	8.32
5530MHz	Pass	8.40	-4.66	-5.29	-4.64	-5.08	0.89	8.60
5610MHz	Pass	8.40	-4.40	-4.48	-4.71	-5.00	1.21	8.60
5690MHz Straddle 5.47-5.725GHz	Pass	8.40	-4.74	-4.71	-4.42	-4.78	1.16	8.60
5690MHz Straddle 5.725-5.85GHz	Pass	7.27	-9.81	-10.14	-9.71	-10.24	-4.04	28.73
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.84	-6.66	-6.04	-6.18	-6.18	-0.41	14.16
5250MHz Straddle 5.25-5.35GHz	Pass	8.68	-6.63	-6.10	-6.12	-6.30	-0.36	8.32
5570MHz	Pass	8.40	-6.85	-7.48	-7.23	-7.72	-1.42	8.60

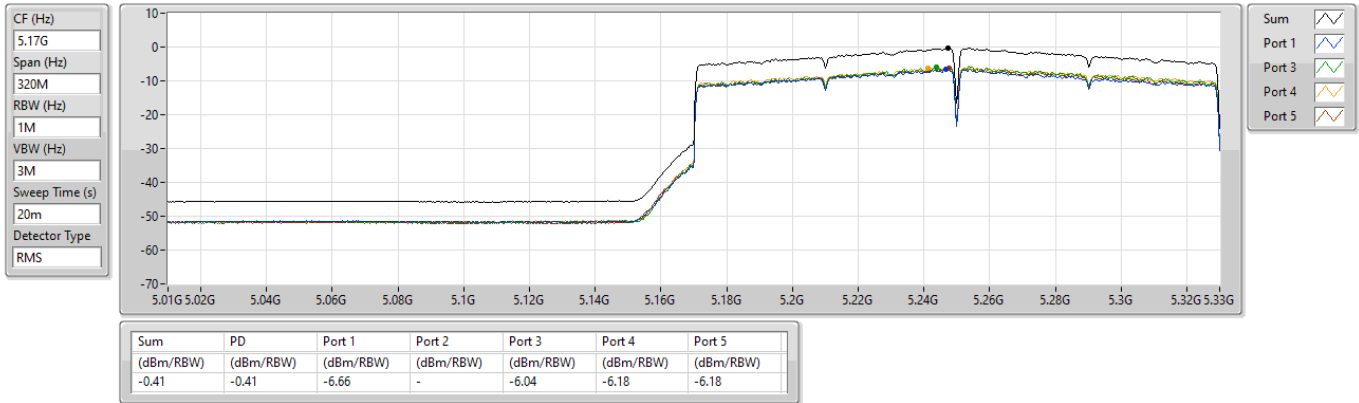
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5250MHz Straddle 5.15-5.25GHz

19/11/2024

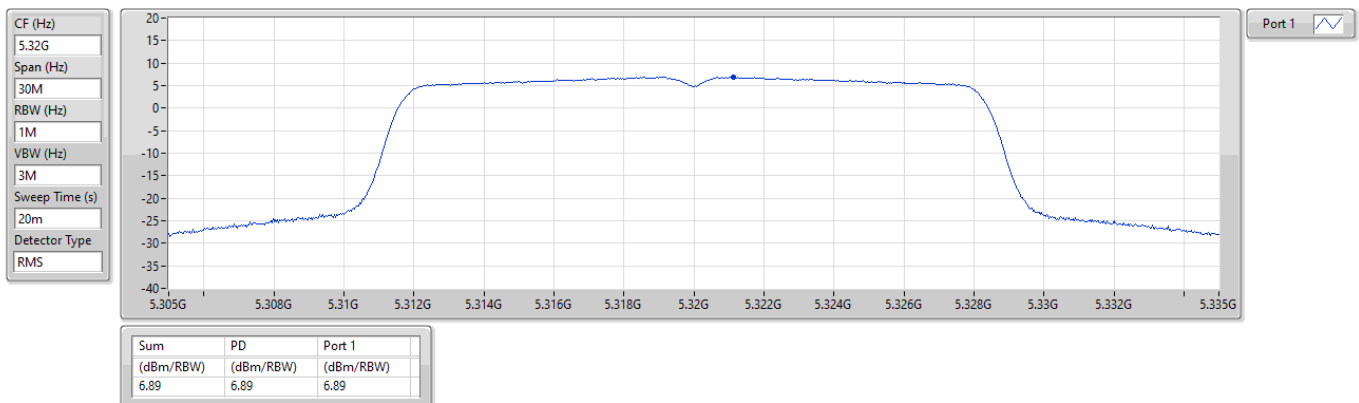


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

04/12/2024



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

PSD

5260MHz

19/11/2024

CF (Hz)
5.26G

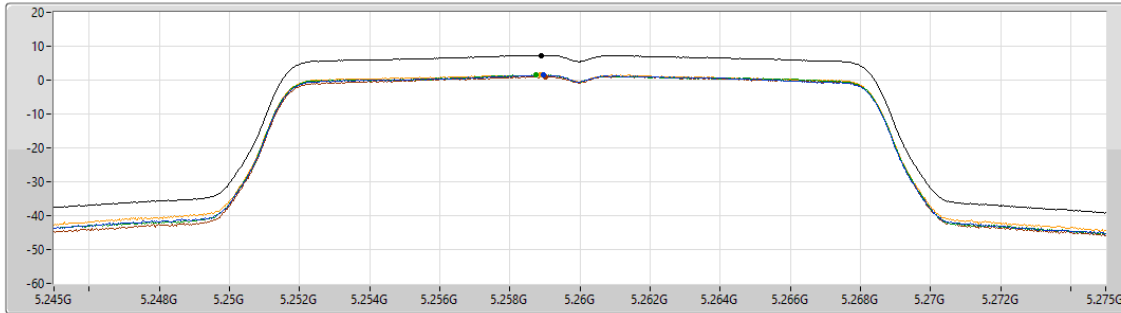
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 3

Port 4

Port 5

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.33	7.33	1.43	-	1.49	1.48	1.09

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5300MHz

19/11/2024

CF (Hz)
5.3G

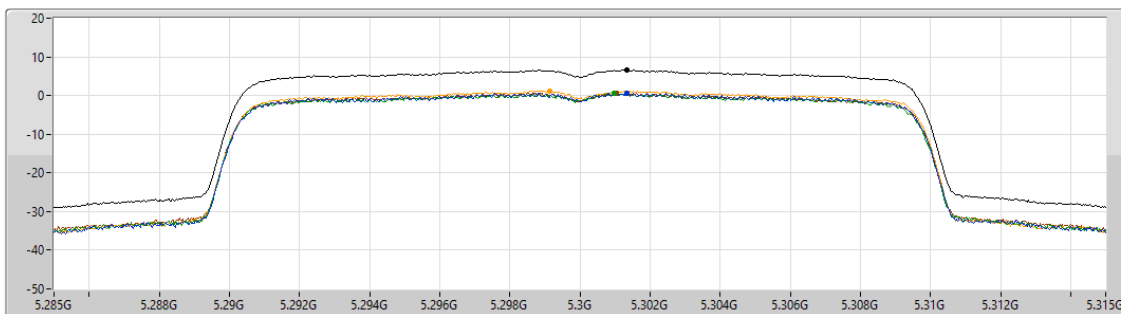
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 3

Port 4

Port 5

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	0.69	-	0.47	1.25	0.65

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5270MHz

19/11/2024

CF (Hz)
5.27G

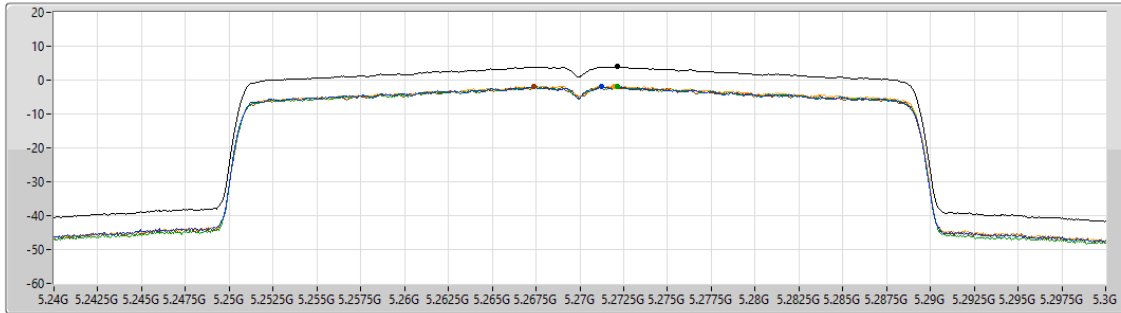
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 3 ☐

Port 4 ☐

Port 5 ☐

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.95	3.95	-1.89	-	-2.02	-1.75	-1.92

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5290MHz

19/11/2024

CF (Hz)
5.29G

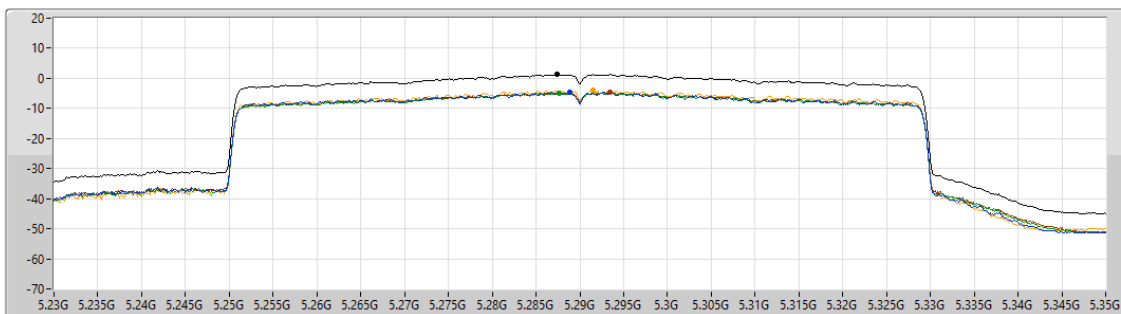
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum ☐

Port 1 ☐

Port 3 ☐

Port 4 ☐

Port 5 ☐

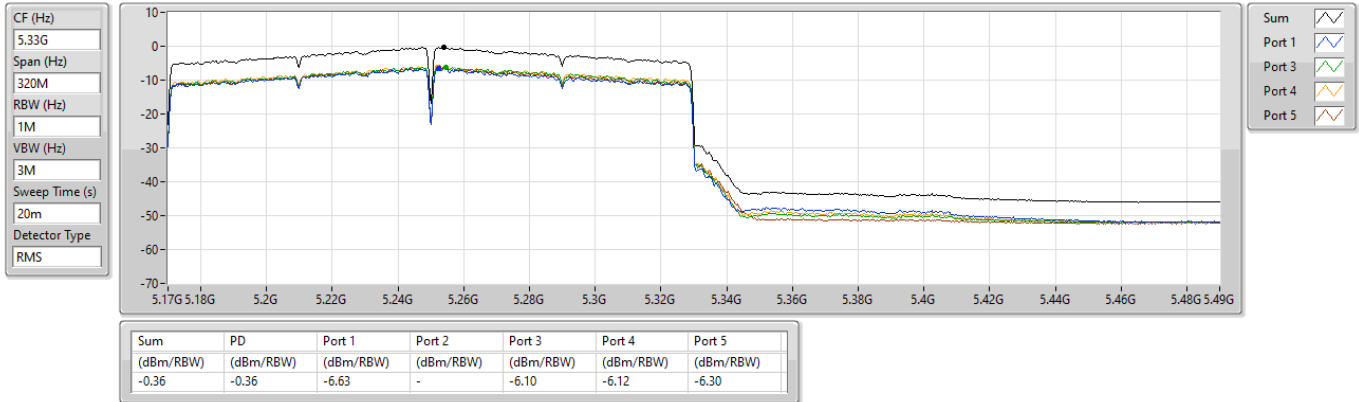
Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.29	1.29	-4.55	-	-4.91	-3.97	-4.71

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5250MHz Straddle 5.25-5.35GHz

19/11/2024

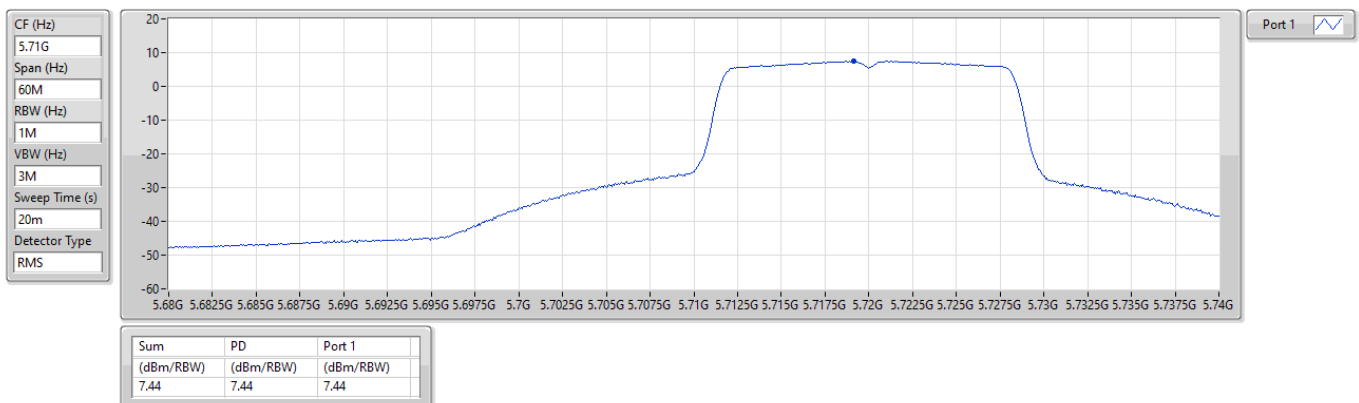


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

04/12/2024

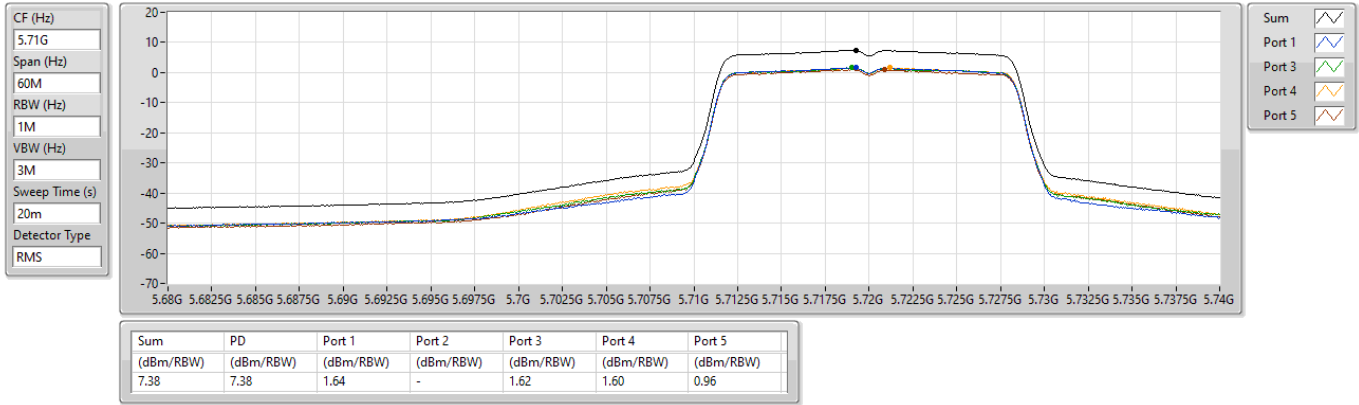


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

PSD

5720MHz Straddle 5.47-5.725GHz

19/11/2024

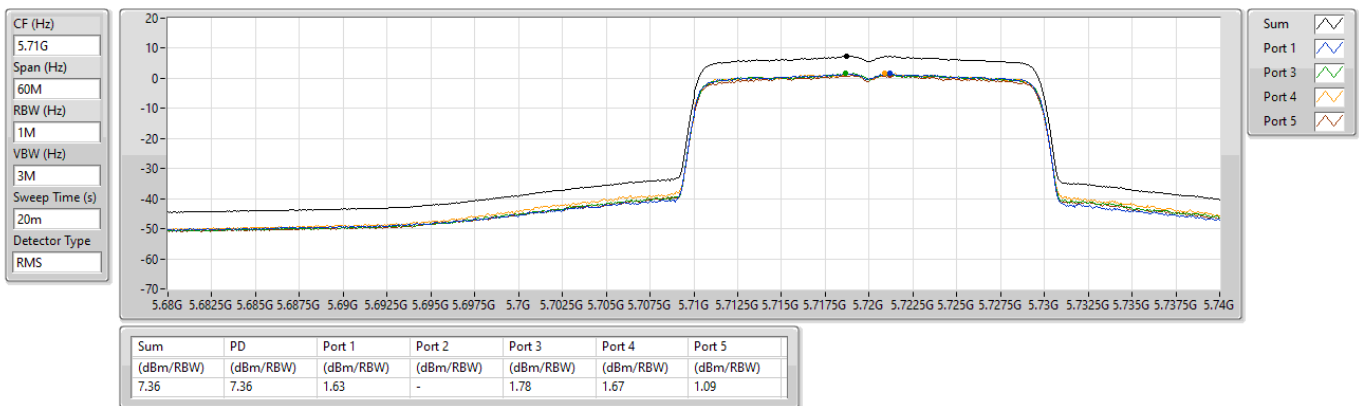


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5720MHz Straddle 5.47-5.725GHz

19/11/2024

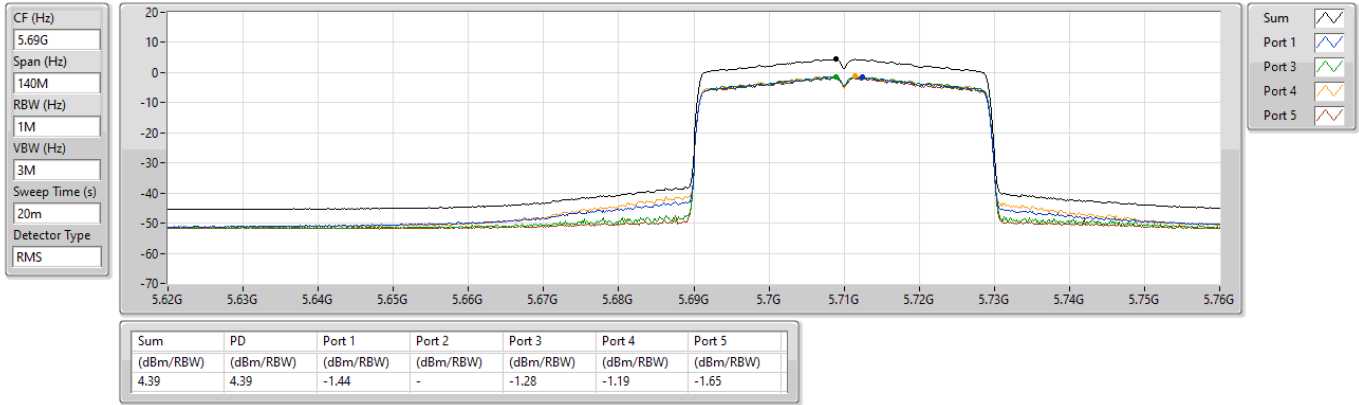


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5710MHz Straddle 5.47-5.725GHz

19/11/2024

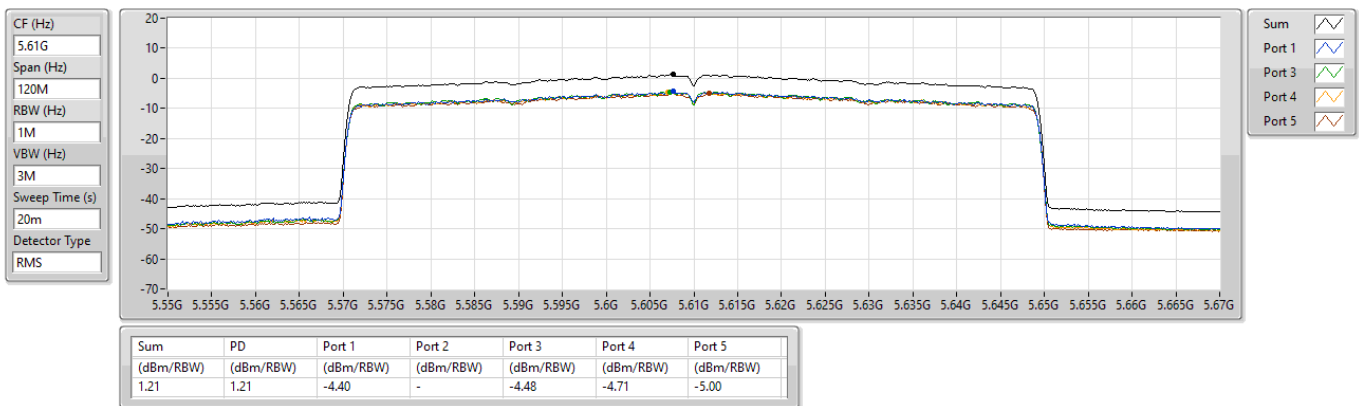


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5610MHz

19/11/2024



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5570MHz

19/11/2024

CF (Hz)
5.57G

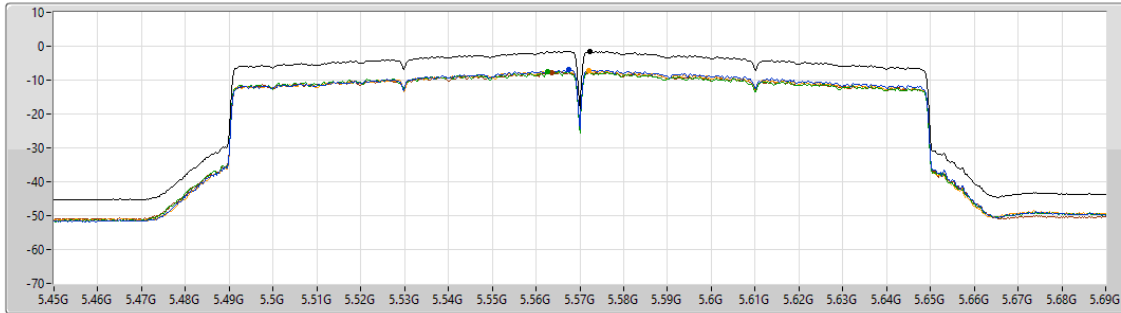
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 3

Port 4

Port 5

Sum	PD	Port 1	Port 2	Port 3	Port 4	Port 5
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.42	-1.42	-6.85	-	-7.48	-7.23	-7.72

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

04/12/2024

CF (Hz)
5.735G

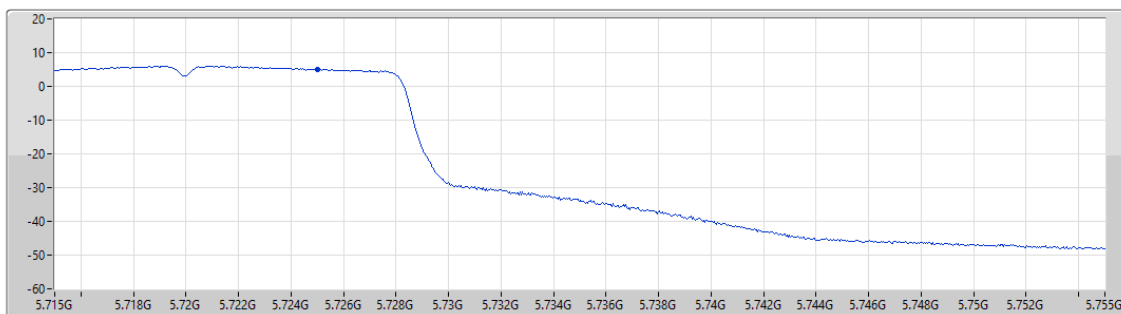
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Port 1

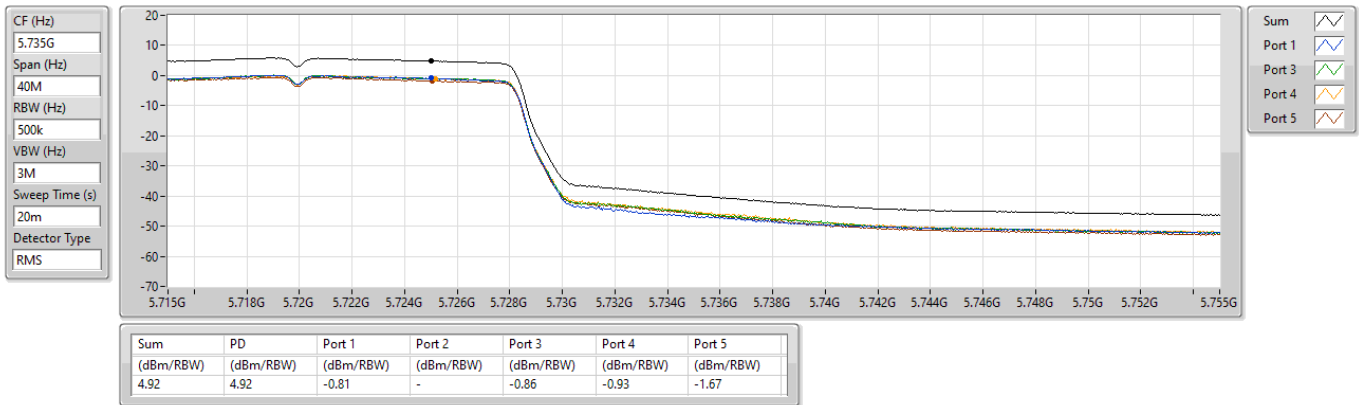
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.01	5.01	5.01

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

PSD

5720MHz Straddle 5.725-5.85GHz

19/11/2024

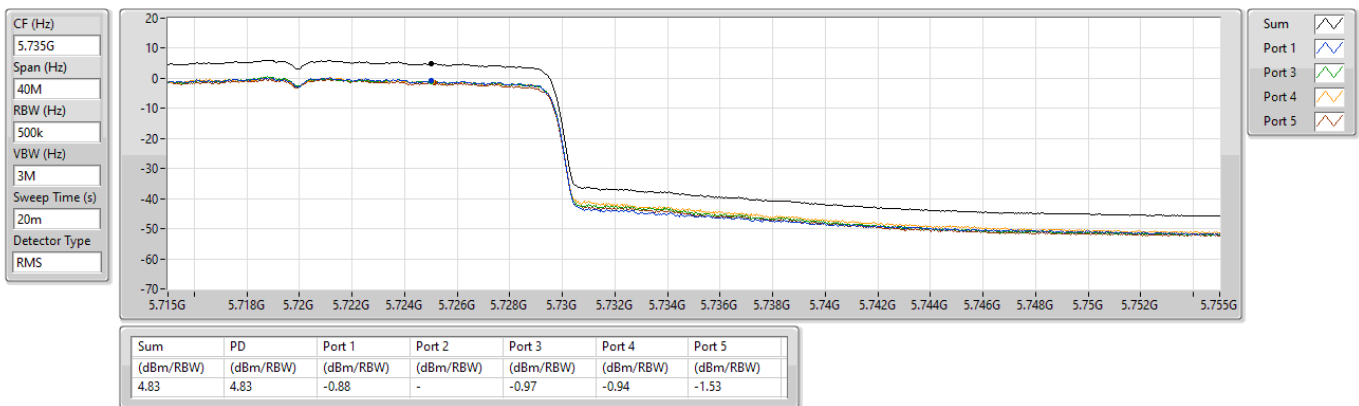


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5720MHz Straddle 5.725-5.85GHz

19/11/2024

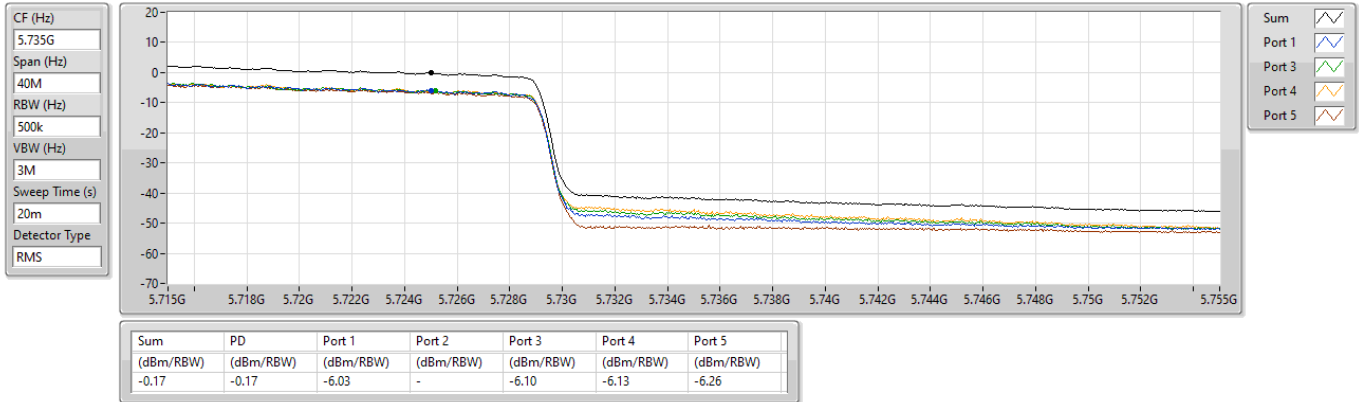


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5710MHz Straddle 5.725-5.85GHz

19/11/2024

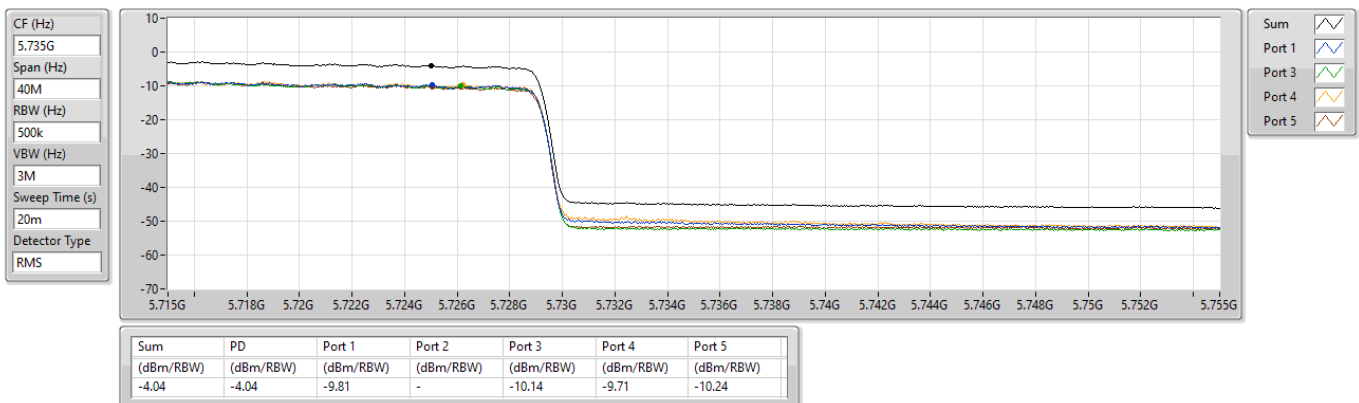


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

PSD

5690MHz Straddle 5.725-5.85GHz

19/11/2024



**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.3516G	73.32	74.00	-0.68	3	Vertical	320	2.48
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	Pass	AV	15.90256G	53.58	54.00	-0.42	3	Vertical	22	1.42
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	Pass	AV	15.90344G	53.54	54.00	-0.46	3	Vertical	26	2.04
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	Pass	AV	5.3528G	53.29	54.00	-0.71	3	Vertical	321	2.47
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	Pass	AV	5.354G	52.74	54.00	-1.26	3	Vertical	320	2.23
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	Pass	AV	5.3724G	53.27	54.00	-0.73	3	Vertical	313	2.35
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.7256G	67.75	68.20	-0.45	3	Vertical	319	1.79
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	Pass	PK	5.4696G	66.73	68.20	-1.47	3	Vertical	314	1.19
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	Pass	PK	5.4674G	67.09	68.20	-1.11	3	Vertical	312	1.98
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	Pass	PK	5.4696G	67.58	68.20	-0.62	3	Vertical	312	1.97
802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	Pass	PK	5.729G	67.11	68.20	-1.09	3	Horizontal	360	1.77
802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	Pass	PK	5.7284G	67.44	68.20	-0.76	3	Vertical	315	1.97

**Result**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1484G	41.47	54.00	-12.53	3	Vertical	324	1.25
5260MHz	Pass	AV	5.2588G	106.06	Inf	-Inf	3	Vertical	324	1.25
5260MHz	Pass	AV	5.35G	43.42	54.00	-10.58	3	Vertical	324	1.25
5260MHz	Pass	PK	5.1352G	58.05	74.00	-15.95	3	Vertical	324	1.25
5260MHz	Pass	PK	5.2588G	117.97	Inf	-Inf	3	Vertical	324	1.25
5260MHz	Pass	PK	5.3848G	63.35	74.00	-10.65	3	Vertical	324	1.25
5260MHz	Pass	AV	5.1484G	39.88	54.00	-14.12	3	Horizontal	92	1.64
5260MHz	Pass	AV	5.2618G	93.52	Inf	-Inf	3	Horizontal	92	1.64
5260MHz	Pass	AV	5.3506G	40.73	54.00	-13.27	3	Horizontal	92	1.64
5260MHz	Pass	PK	5.1316G	53.37	74.00	-20.63	3	Horizontal	92	1.64
5260MHz	Pass	PK	5.2612G	105.36	Inf	-Inf	3	Horizontal	92	1.64
5260MHz	Pass	PK	5.4028G	53.93	74.00	-20.07	3	Horizontal	92	1.64
5260MHz	Pass	AV	15.77904G	45.45	54.00	-8.55	3	Vertical	317	1.58
5260MHz	Pass	PK	15.78372G	57.24	74.00	-16.76	3	Vertical	317	1.58
5260MHz	Pass	AV	15.78384G	47.18	54.00	-6.82	3	Horizontal	22	1.36
5260MHz	Pass	PK	15.78036G	60.00	74.00	-14.00	3	Horizontal	22	1.36
5300MHz	Pass	AV	5.2984G	105.96	Inf	-Inf	3	Vertical	320	2.48
5300MHz	Pass	AV	5.35G	51.95	54.00	-2.05	3	Vertical	320	2.48
5300MHz	Pass	PK	5.2988G	118.20	Inf	-Inf	3	Vertical	320	2.48
5300MHz	Pass	PK	5.3516G	73.32	74.00	-0.68	3	Vertical	320	2.48
5300MHz	Pass	AV	5.2972G	92.59	Inf	-Inf	3	Horizontal	87	1.50
5300MHz	Pass	AV	5.35G	41.52	54.00	-12.48	3	Horizontal	87	1.50
5300MHz	Pass	PK	5.2936G	104.76	Inf	-Inf	3	Horizontal	87	1.50
5300MHz	Pass	PK	5.3552G	57.85	74.00	-16.15	3	Horizontal	87	1.50
5300MHz	Pass	AV	15.9G	45.69	54.00	-8.31	3	Vertical	318	1.58
5300MHz	Pass	PK	15.90066G	57.87	74.00	-16.13	3	Vertical	318	1.58
5300MHz	Pass	AV	15.90108G	45.20	54.00	-8.80	3	Horizontal	332	1.55
5300MHz	Pass	PK	15.90534G	56.94	74.00	-17.06	3	Horizontal	332	1.55
5320MHz	Pass	AV	5.3188G	103.77	Inf	-Inf	3	Vertical	324	2.86
5320MHz	Pass	AV	5.3504G	53.19	54.00	-0.81	3	Vertical	324	2.86
5320MHz	Pass	PK	5.322G	115.60	Inf	-Inf	3	Vertical	324	2.86
5320MHz	Pass	PK	5.3506G	72.61	74.00	-1.39	3	Vertical	324	2.86
5320MHz	Pass	AV	5.3192G	90.52	Inf	-Inf	3	Horizontal	88	1.38
5320MHz	Pass	AV	5.3502G	42.20	54.00	-11.80	3	Horizontal	88	1.38
5320MHz	Pass	PK	5.3224G	102.78	Inf	-Inf	3	Horizontal	88	1.38
5320MHz	Pass	PK	5.3506G	59.93	74.00	-14.07	3	Horizontal	88	1.38
5320MHz	Pass	AV	15.95844G	43.04	54.00	-10.96	3	Vertical	352	1.48
5320MHz	Pass	PK	15.95814G	56.27	74.00	-17.73	3	Vertical	352	1.48
5320MHz	Pass	AV	15.9558G	42.59	54.00	-11.41	3	Horizontal	36	1.50
5320MHz	Pass	PK	15.95298G	54.30	74.00	-19.70	3	Horizontal	36	1.50
5500MHz	Pass	AV	5.46G	44.23	54.00	-9.77	3	Vertical	319	1.23
5500MHz	Pass	AV	5.499G	102.31	Inf	-Inf	3	Vertical	319	1.23
5500MHz	Pass	PK	5.459G	60.72	74.00	-13.28	3	Vertical	319	1.23
5500MHz	Pass	PK	5.47G	65.28	68.20	-2.92	3	Vertical	319	1.23
5500MHz	Pass	PK	5.501G	114.79	Inf	-Inf	3	Vertical	319	1.23
5500MHz	Pass	AV	5.4574G	40.36	54.00	-13.64	3	Horizontal	16	1.24
5500MHz	Pass	AV	5.4986G	89.66	Inf	-Inf	3	Horizontal	16	1.24
5500MHz	Pass	PK	5.4572G	53.41	74.00	-20.59	3	Horizontal	16	1.24
5500MHz	Pass	PK	5.4688G	54.14	68.20	-14.06	3	Horizontal	16	1.24
5500MHz	Pass	PK	5.4954G	101.58	Inf	-Inf	3	Horizontal	16	1.24
5500MHz	Pass	PK	16.49568G	53.37	68.20	-14.83	3	Vertical	322	1.50
5500MHz	Pass	PK	16.50324G	52.59	68.20	-15.61	3	Horizontal	318	1.86
5580MHz	Pass	AV	5.4588G	41.33	54.00	-12.67	3	Vertical	322	1.32
5580MHz	Pass	AV	5.5788G	106.15	Inf	-Inf	3	Vertical	322	1.32
5580MHz	Pass	PK	5.4384G	55.78	74.00	-18.22	3	Vertical	322	1.32
5580MHz	Pass	PK	5.469G	56.69	68.20	-11.51	3	Vertical	322	1.32
5580MHz	Pass	PK	5.583G	118.32	Inf	-Inf	3	Vertical	322	1.32
5580MHz	Pass	PK	5.727G	54.56	68.20	-13.64	3	Vertical	322	1.32
5580MHz	Pass	AV	5.457G	40.19	54.00	-13.81	3	Horizontal	304	2.44
5580MHz	Pass	AV	5.5788G	94.87	Inf	-Inf	3	Horizontal	304	2.44

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	PK	5.4564G	53.53	74.00	-20.47	3	Horizontal	304	2.44
5580MHz	Pass	PK	5.4672G	53.47	68.20	-14.73	3	Horizontal	304	2.44
5580MHz	Pass	PK	5.5812G	106.86	Inf	-Inf	3	Horizontal	304	2.44
5580MHz	Pass	PK	5.7294G	54.08	68.20	-14.12	3	Horizontal	304	2.44
5580MHz	Pass	PK	16.75074G	52.96	68.20	-15.24	3	Vertical	315	2.90
5580MHz	Pass	PK	16.73952G	53.19	68.20	-15.01	3	Horizontal	333	1.31
5700MHz	Pass	AV	5.7012G	101.44	Inf	-Inf	3	Vertical	319	1.79
5700MHz	Pass	PK	5.6972G	113.29	Inf	-Inf	3	Vertical	319	1.79
5700MHz	Pass	PK	5.7256G	67.75	68.20	-0.45	3	Vertical	319	1.79
5700MHz	Pass	AV	5.7008G	91.75	Inf	-Inf	3	Horizontal	305	2.24
5700MHz	Pass	PK	5.7012G	103.68	Inf	-Inf	3	Horizontal	305	2.24
5700MHz	Pass	PK	5.726G	60.34	68.20	-7.86	3	Horizontal	305	2.24
5700MHz	Pass	PK	17.08602G	52.04	68.20	-16.16	3	Vertical	302	2.72
5700MHz	Pass	PK	17.0922G	51.92	68.20	-16.28	3	Horizontal	325	1.06
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4392G	41.37	54.00	-12.63	3	Vertical	320	1.65
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7224G	108.43	Inf	-Inf	3	Vertical	320	1.65
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4332G	54.12	74.00	-19.88	3	Vertical	320	1.65
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	53.29	68.20	-14.91	3	Vertical	320	1.65
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	118.94	Inf	-Inf	3	Vertical	320	1.65
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9588G	57.54	68.20	-10.66	3	Vertical	320	1.65
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4212G	40.88	54.00	-13.12	3	Horizontal	312	2.17
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	99.33	Inf	-Inf	3	Horizontal	312	2.17
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4476G	53.41	74.00	-20.59	3	Horizontal	312	2.17
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	53.16	68.20	-15.04	3	Horizontal	312	2.17
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	109.20	Inf	-Inf	3	Horizontal	312	2.17
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9576G	56.29	68.20	-11.91	3	Horizontal	312	2.17
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.17044G	53.75	68.20	-14.45	3	Vertical	19	1.66
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16048G	52.51	68.20	-15.69	3	Horizontal	7	1.50
802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.15G	42.09	54.00	-11.91	3	Vertical	314	1.53
5260MHz	Pass	AV	5.2588G	110.35	Inf	-Inf	3	Vertical	314	1.53
5260MHz	Pass	AV	5.3512G	43.58	54.00	-10.42	3	Vertical	314	1.53
5260MHz	Pass	PK	5.1196G	54.43	74.00	-19.57	3	Vertical	314	1.53
5260MHz	Pass	PK	5.2588G	119.98	Inf	-Inf	3	Vertical	314	1.53
5260MHz	Pass	PK	5.3626G	56.11	74.00	-17.89	3	Vertical	314	1.53
5260MHz	Pass	AV	5.1484G	41.88	54.00	-12.12	3	Horizontal	7	1.89
5260MHz	Pass	AV	5.2588G	111.45	Inf	-Inf	3	Horizontal	7	1.89
5260MHz	Pass	AV	5.3536G	43.57	54.00	-10.43	3	Horizontal	7	1.89
5260MHz	Pass	PK	5.1436G	54.92	74.00	-19.08	3	Horizontal	7	1.89
5260MHz	Pass	PK	5.2588G	121.37	Inf	-Inf	3	Horizontal	7	1.89
5260MHz	Pass	PK	5.356G	57.26	74.00	-16.74	3	Horizontal	7	1.89
5260MHz	Pass	AV	15.77512G	53.40	54.00	-0.60	3	Vertical	31	2.05
5260MHz	Pass	PK	15.77544G	66.27	74.00	-7.73	3	Vertical	31	2.05
5260MHz	Pass	AV	15.782G	49.95	54.00	-4.05	3	Horizontal	26	1.57
5260MHz	Pass	PK	15.78072G	62.87	74.00	-11.13	3	Horizontal	26	1.57
5300MHz	Pass	AV	5.3036G	111.72	Inf	-Inf	3	Vertical	318	1.18
5300MHz	Pass	AV	5.35G	51.56	54.00	-2.44	3	Vertical	318	1.18
5300MHz	Pass	PK	5.3032G	121.48	Inf	-Inf	3	Vertical	318	1.18
5300MHz	Pass	PK	5.35G	72.54	74.00	-1.46	3	Vertical	318	1.18
5300MHz	Pass	AV	5.2988G	111.56	Inf	-Inf	3	Horizontal	7	1.24
5300MHz	Pass	AV	5.35G	48.87	54.00	-5.13	3	Horizontal	7	1.24
5300MHz	Pass	PK	5.2992G	121.88	Inf	-Inf	3	Horizontal	7	1.24
5300MHz	Pass	PK	5.3508G	67.98	74.00	-6.02	3	Horizontal	7	1.24
5300MHz	Pass	AV	15.90256G	53.58	54.00	-0.42	3	Vertical	22	1.42
5300MHz	Pass	PK	15.90252G	66.56	74.00	-7.44	3	Vertical	22	1.42
5300MHz	Pass	AV	15.90212G	51.23	54.00	-2.77	3	Horizontal	23	1.00
5300MHz	Pass	PK	15.9018G	65.78	74.00	-8.22	3	Horizontal	23	1.00
5320MHz	Pass	AV	5.3248G	110.32	Inf	-Inf	3	Vertical	317	1.61
5320MHz	Pass	AV	5.351G	52.11	54.00	-1.89	3	Vertical	317	1.61
5320MHz	Pass	PK	5.325G	119.91	Inf	-Inf	3	Vertical	317	1.61
5320MHz	Pass	PK	5.364G	71.93	74.00	-2.07	3	Vertical	317	1.61
5320MHz	Pass	AV	5.319G	110.63	Inf	-Inf	3	Horizontal	5	1.14

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5320MHz	Pass	AV	5.3514G	50.71	54.00	-3.29	3	Horizontal	5	1.14
5320MHz	Pass	PK	5.3192G	120.57	Inf	-Inf	3	Horizontal	5	1.14
5320MHz	Pass	PK	5.352G	73.55	74.00	-0.45	3	Horizontal	5	1.14
5320MHz	Pass	AV	15.96236G	51.61	54.00	-2.39	3	Vertical	22	1.33
5320MHz	Pass	PK	15.9606G	65.60	74.00	-8.40	3	Vertical	22	1.33
5320MHz	Pass	AV	15.9622G	48.41	54.00	-5.59	3	Horizontal	24	1.50
5320MHz	Pass	PK	15.96296G	61.35	74.00	-12.65	3	Horizontal	24	1.50
5500MHz	Pass	AV	5.4584G	47.10	54.00	-6.90	3	Vertical	314	1.19
5500MHz	Pass	AV	5.4986G	110.35	Inf	-Inf	3	Vertical	314	1.19
5500MHz	Pass	PK	5.4588G	64.02	74.00	-9.98	3	Vertical	314	1.19
5500MHz	Pass	PK	5.4696G	66.73	68.20	-1.47	3	Vertical	314	1.19
5500MHz	Pass	PK	5.4986G	120.52	Inf	-Inf	3	Vertical	314	1.19
5500MHz	Pass	AV	5.4596G	46.67	54.00	-7.33	3	Horizontal	344	2.18
5500MHz	Pass	AV	5.5012G	110.98	Inf	-Inf	3	Horizontal	344	2.18
5500MHz	Pass	PK	5.4598G	61.94	74.00	-12.06	3	Horizontal	344	2.18
5500MHz	Pass	PK	5.4614G	66.69	68.20	-1.51	3	Horizontal	344	2.18
5500MHz	Pass	PK	5.5006G	120.44	Inf	-Inf	3	Horizontal	344	2.18
5500MHz	Pass	PK	16.50064G	59.72	68.20	-8.48	3	Vertical	22	1.48
5500MHz	Pass	PK	16.50244G	55.97	68.20	-12.23	3	Horizontal	332	1.37
5580MHz	Pass	AV	5.4594G	44.26	54.00	-9.74	3	Vertical	318	1.00
5580MHz	Pass	AV	5.5806G	114.93	Inf	-Inf	3	Vertical	318	1.00
5580MHz	Pass	PK	5.4588G	58.47	74.00	-15.53	3	Vertical	318	1.00
5580MHz	Pass	PK	5.4606G	62.12	68.20	-6.08	3	Vertical	318	1.00
5580MHz	Pass	PK	5.5806G	125.40	Inf	-Inf	3	Vertical	318	1.00
5580MHz	Pass	PK	5.7282G	58.97	68.20	-9.23	3	Vertical	318	1.00
5580MHz	Pass	AV	5.4528G	43.10	54.00	-10.90	3	Horizontal	350	1.50
5580MHz	Pass	AV	5.5818G	115.25	Inf	-Inf	3	Horizontal	350	1.50
5580MHz	Pass	PK	5.4444G	58.64	74.00	-15.36	3	Horizontal	350	1.50
5580MHz	Pass	PK	5.4696G	61.42	68.20	-6.78	3	Horizontal	350	1.50
5580MHz	Pass	PK	5.5824G	125.58	Inf	-Inf	3	Horizontal	350	1.50
5580MHz	Pass	PK	5.7276G	56.50	68.20	-11.70	3	Horizontal	350	1.50
5580MHz	Pass	PK	16.74072G	63.19	68.20	-5.01	3	Vertical	24	1.54
5580MHz	Pass	PK	16.74212G	57.07	68.20	-11.13	3	Horizontal	310	1.49
5700MHz	Pass	AV	5.698G	108.71	Inf	-Inf	3	Vertical	319	1.20
5700MHz	Pass	PK	5.698G	118.14	Inf	-Inf	3	Vertical	319	1.20
5700MHz	Pass	PK	5.726G	63.76	68.20	-4.44	3	Vertical	319	1.20
5700MHz	Pass	AV	5.6992G	111.17	Inf	-Inf	3	Horizontal	354	1.69
5700MHz	Pass	PK	5.6988G	121.19	Inf	-Inf	3	Horizontal	354	1.69
5700MHz	Pass	PK	5.7288G	66.08	68.20	-2.12	3	Horizontal	354	1.69
5700MHz	Pass	PK	17.10148G	54.07	68.20	-14.13	3	Vertical	349	1.42
5700MHz	Pass	PK	17.10312G	53.50	68.20	-14.70	3	Horizontal	306	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4488G	46.73	54.00	-7.27	3	Vertical	316	1.27
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	115.11	Inf	-Inf	3	Vertical	316	1.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4476G	59.27	74.00	-14.73	3	Vertical	316	1.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	58.76	68.20	-9.44	3	Vertical	316	1.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	125.14	Inf	-Inf	3	Vertical	316	1.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8772G	63.34	68.20	-4.86	3	Vertical	316	1.27
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4572G	46.84	54.00	-7.16	3	Horizontal	360	1.81
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	117.20	Inf	-Inf	3	Horizontal	360	1.81
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4296G	59.23	74.00	-14.77	3	Horizontal	360	1.81
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	58.96	68.20	-9.24	3	Horizontal	360	1.81
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	127.42	Inf	-Inf	3	Horizontal	360	1.81
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8796G	65.52	68.20	-2.68	3	Horizontal	360	1.81
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15996G	61.03	68.20	-7.17	3	Vertical	29	1.45
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15556G	60.04	68.20	-8.16	3	Horizontal	309	1.59
802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.149G	47.51	54.00	-6.49	3	Vertical	305	1.65
5260MHz	Pass	AV	5.2594G	110.29	Inf	-Inf	3	Vertical	305	1.65
5260MHz	Pass	AV	5.3668G	48.89	54.00	-5.11	3	Vertical	305	1.65
5260MHz	Pass	PK	5.146G	59.00	74.00	-15.00	3	Vertical	305	1.65
5260MHz	Pass	PK	5.2594G	122.17	Inf	-Inf	3	Vertical	305	1.65
5260MHz	Pass	PK	5.4058G	60.65	74.00	-13.35	3	Vertical	305	1.65

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	AV	5.149G	47.61	54.00	-6.39	3	Horizontal	335	2.01
5260MHz	Pass	AV	5.2576G	111.68	Inf	-Inf	3	Horizontal	335	2.01
5260MHz	Pass	AV	5.353G	48.98	54.00	-5.02	3	Horizontal	335	2.01
5260MHz	Pass	PK	5.1388G	59.29	74.00	-14.71	3	Horizontal	335	2.01
5260MHz	Pass	PK	5.2582G	122.53	Inf	-Inf	3	Horizontal	335	2.01
5260MHz	Pass	PK	5.4064G	60.14	74.00	-13.86	3	Horizontal	335	2.01
5260MHz	Pass	AV	15.78316G	53.45	54.00	-0.55	3	Vertical	25	2.01
5260MHz	Pass	PK	15.783G	65.77	74.00	-8.23	3	Vertical	25	2.01
5260MHz	Pass	AV	15.7792G	51.26	54.00	-2.74	3	Horizontal	29	1.50
5260MHz	Pass	PK	15.77928G	63.11	74.00	-10.89	3	Horizontal	29	1.50
5300MHz	Pass	AV	5.2988G	110.24	Inf	-Inf	3	Vertical	305	2.96
5300MHz	Pass	AV	5.3508G	51.26	54.00	-2.74	3	Vertical	305	2.96
5300MHz	Pass	PK	5.2996G	120.86	Inf	-Inf	3	Vertical	305	2.96
5300MHz	Pass	PK	5.364G	70.50	74.00	-3.50	3	Vertical	305	2.96
5300MHz	Pass	AV	5.2984G	113.19	Inf	-Inf	3	Horizontal	342	1.97
5300MHz	Pass	AV	5.354G	50.21	54.00	-3.79	3	Horizontal	342	1.97
5300MHz	Pass	PK	5.2984G	123.96	Inf	-Inf	3	Horizontal	342	1.97
5300MHz	Pass	PK	5.3532G	68.44	74.00	-5.56	3	Horizontal	342	1.97
5300MHz	Pass	AV	15.90344G	53.54	54.00	-0.46	3	Vertical	26	2.04
5300MHz	Pass	PK	15.9028G	64.02	74.00	-9.98	3	Vertical	26	2.04
5300MHz	Pass	AV	15.90336G	50.80	54.00	-3.20	3	Horizontal	20	1.42
5300MHz	Pass	PK	15.90316G	61.53	74.00	-12.47	3	Horizontal	20	1.42
5320MHz	Pass	AV	5.3162G	107.73	Inf	-Inf	3	Vertical	320	2.95
5320MHz	Pass	AV	5.3508G	53.10	54.00	-0.90	3	Vertical	320	2.95
5320MHz	Pass	PK	5.3216G	118.75	Inf	-Inf	3	Vertical	320	2.95
5320MHz	Pass	PK	5.351G	66.71	74.00	-7.29	3	Vertical	320	2.95
5320MHz	Pass	AV	5.3186G	110.52	Inf	-Inf	3	Horizontal	344	2.00
5320MHz	Pass	AV	5.353G	51.37	54.00	-2.63	3	Horizontal	344	2.00
5320MHz	Pass	PK	5.318G	122.38	Inf	-Inf	3	Horizontal	344	2.00
5320MHz	Pass	PK	5.3546G	66.47	74.00	-7.53	3	Horizontal	344	2.00
5320MHz	Pass	AV	15.964G	47.34	54.00	-6.66	3	Vertical	21	1.41
5320MHz	Pass	PK	15.95192G	58.55	74.00	-15.45	3	Vertical	21	1.41
5320MHz	Pass	AV	15.96332G	46.00	54.00	-8.00	3	Horizontal	22	1.00
5320MHz	Pass	PK	15.95228G	57.51	74.00	-16.49	3	Horizontal	22	1.00
5500MHz	Pass	AV	5.4594G	49.93	54.00	-4.07	3	Vertical	312	1.98
5500MHz	Pass	AV	5.5024G	108.99	Inf	-Inf	3	Vertical	312	1.98
5500MHz	Pass	PK	5.4582G	61.46	74.00	-12.54	3	Vertical	312	1.98
5500MHz	Pass	PK	5.4674G	67.09	68.20	-1.11	3	Vertical	312	1.98
5500MHz	Pass	PK	5.5026G	119.83	Inf	-Inf	3	Vertical	312	1.98
5500MHz	Pass	AV	5.4582G	50.56	54.00	-3.44	3	Horizontal	342	1.86
5500MHz	Pass	AV	5.4984G	111.38	Inf	-Inf	3	Horizontal	342	1.86
5500MHz	Pass	PK	5.4582G	63.24	74.00	-10.76	3	Horizontal	342	1.86
5500MHz	Pass	PK	5.4684G	64.55	68.20	-3.65	3	Horizontal	342	1.86
5500MHz	Pass	PK	5.4978G	123.05	Inf	-Inf	3	Horizontal	342	1.86
5500MHz	Pass	PK	16.49804G	59.20	68.20	-9.00	3	Vertical	24	1.50
5500MHz	Pass	PK	16.49812G	55.95	68.20	-12.25	3	Horizontal	309	1.50
5580MHz	Pass	AV	5.457G	50.05	54.00	-3.95	3	Vertical	312	1.19
5580MHz	Pass	AV	5.577G	113.88	Inf	-Inf	3	Vertical	312	1.19
5580MHz	Pass	PK	5.4576G	61.88	74.00	-12.12	3	Vertical	312	1.19
5580MHz	Pass	PK	5.4618G	62.02	68.20	-6.18	3	Vertical	312	1.19
5580MHz	Pass	PK	5.5818G	125.05	Inf	-Inf	3	Vertical	312	1.19
5580MHz	Pass	PK	5.7276G	61.10	68.20	-7.10	3	Vertical	312	1.19
5580MHz	Pass	AV	5.4582G	49.44	54.00	-4.56	3	Horizontal	351	2.01
5580MHz	Pass	AV	5.5824G	116.42	Inf	-Inf	3	Horizontal	351	2.01
5580MHz	Pass	PK	5.4576G	62.75	74.00	-11.25	3	Horizontal	351	2.01
5580MHz	Pass	PK	5.4624G	63.81	68.20	-4.39	3	Horizontal	351	2.01
5580MHz	Pass	PK	5.583G	126.99	Inf	-Inf	3	Horizontal	351	2.01
5580MHz	Pass	PK	5.7276G	62.68	68.20	-5.52	3	Horizontal	351	2.01
5580MHz	Pass	PK	16.74312G	62.37	68.20	-5.83	3	Vertical	22	1.56
5580MHz	Pass	PK	16.73772G	59.61	68.20	-8.59	3	Horizontal	309	1.50
5700MHz	Pass	AV	5.7012G	106.39	Inf	-Inf	3	Vertical	320	1.66
5700MHz	Pass	PK	5.7008G	117.30	Inf	-Inf	3	Vertical	320	1.66



RSE TX above 1GHz_Non-Beamforming

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5700MHz	Pass	PK	5.7256G	64.37	68.20	-3.83	3	Vertical	320	1.66
5700MHz	Pass	AV	5.7012G	109.52	Inf	-Inf	3	Horizontal	0	1.92
5700MHz	Pass	PK	5.7004G	119.66	Inf	-Inf	3	Horizontal	0	1.92
5700MHz	Pass	PK	5.7256G	66.82	68.20	-1.38	3	Horizontal	0	1.92
5700MHz	Pass	PK	17.10376G	52.92	68.20	-15.28	3	Vertical	16	1.93
5700MHz	Pass	PK	17.10636G	52.65	68.20	-15.55	3	Horizontal	0	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	48.03	54.00	-5.97	3	Vertical	309	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7188G	115.57	Inf	-Inf	3	Vertical	309	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.456G	60.26	74.00	-13.74	3	Vertical	309	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	59.25	68.20	-8.95	3	Vertical	309	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7188G	126.32	Inf	-Inf	3	Vertical	309	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8604G	64.80	68.20	-3.40	3	Vertical	309	3.00
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4536G	48.07	54.00	-5.93	3	Horizontal	8	1.16
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	117.16	Inf	-Inf	3	Horizontal	8	1.16
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4572G	59.79	74.00	-14.21	3	Horizontal	8	1.16
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	59.38	68.20	-8.82	3	Horizontal	8	1.16
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7212G	127.05	Inf	-Inf	3	Horizontal	8	1.16
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8616G	67.03	68.20	-1.17	3	Horizontal	8	1.16
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15972G	59.13	68.20	-9.07	3	Vertical	29	1.87
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16912G	57.42	68.20	-10.78	3	Horizontal	310	1.61
802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.268G	109.18	Inf	-Inf	3	Vertical	322	2.52
5270MHz	Pass	AV	5.358G	52.66	54.00	-1.34	3	Vertical	322	2.52
5270MHz	Pass	PK	5.2676G	119.65	Inf	-Inf	3	Vertical	322	2.52
5270MHz	Pass	PK	5.358G	68.27	74.00	-5.73	3	Vertical	322	2.52
5270MHz	Pass	AV	5.2756G	109.30	Inf	-Inf	3	Horizontal	346	1.97
5270MHz	Pass	AV	5.3512G	51.68	54.00	-2.32	3	Horizontal	346	1.97
5270MHz	Pass	PK	5.276G	121.44	Inf	-Inf	3	Horizontal	346	1.97
5270MHz	Pass	PK	5.3632G	70.35	74.00	-3.65	3	Horizontal	346	1.97
5270MHz	Pass	AV	15.81464G	49.55	54.00	-4.45	3	Vertical	22	1.60
5270MHz	Pass	PK	15.79408G	60.16	74.00	-13.84	3	Vertical	22	1.60
5270MHz	Pass	AV	15.80832G	48.05	54.00	-5.95	3	Horizontal	27	1.40
5270MHz	Pass	PK	15.808G	57.64	74.00	-16.36	3	Horizontal	27	1.40
5310MHz	Pass	AV	5.308G	105.16	Inf	-Inf	3	Vertical	321	2.47
5310MHz	Pass	AV	5.3528G	53.29	54.00	-0.71	3	Vertical	321	2.47
5310MHz	Pass	PK	5.3076G	116.41	Inf	-Inf	3	Vertical	321	2.47
5310MHz	Pass	PK	5.3532G	65.78	74.00	-8.22	3	Vertical	321	2.47
5310MHz	Pass	AV	5.316G	105.89	Inf	-Inf	3	Horizontal	342	1.97
5310MHz	Pass	AV	5.3504G	52.36	54.00	-1.64	3	Horizontal	342	1.97
5310MHz	Pass	PK	5.3156G	116.58	Inf	-Inf	3	Horizontal	342	1.97
5310MHz	Pass	PK	5.3552G	65.42	74.00	-8.58	3	Horizontal	342	1.97
5310MHz	Pass	AV	15.93392G	44.40	54.00	-9.60	3	Vertical	22	1.37
5310MHz	Pass	PK	15.92272G	55.60	74.00	-18.40	3	Vertical	22	1.37
5310MHz	Pass	AV	15.94048G	43.55	54.00	-10.45	3	Horizontal	25	1.06
5310MHz	Pass	PK	15.92184G	54.84	74.00	-19.16	3	Horizontal	25	1.06
5510MHz	Pass	AV	5.46G	49.73	54.00	-4.27	3	Vertical	312	1.97
5510MHz	Pass	AV	5.5108G	106.33	Inf	-Inf	3	Vertical	312	1.97
5510MHz	Pass	PK	5.46G	63.83	74.00	-10.17	3	Vertical	312	1.97
5510MHz	Pass	PK	5.4696G	67.58	68.20	-0.62	3	Vertical	312	1.97
5510MHz	Pass	PK	5.5108G	116.21	Inf	-Inf	3	Vertical	312	1.97
5510MHz	Pass	AV	5.4584G	49.29	54.00	-4.71	3	Horizontal	341	1.08
5510MHz	Pass	AV	5.5076G	106.34	Inf	-Inf	3	Horizontal	341	1.08
5510MHz	Pass	PK	5.4588G	65.03	74.00	-8.97	3	Horizontal	341	1.08
5510MHz	Pass	PK	5.4676G	66.99	68.20	-1.21	3	Horizontal	341	1.08
5510MHz	Pass	PK	5.508G	117.12	Inf	-Inf	3	Horizontal	341	1.08
5510MHz	Pass	PK	16.53976G	55.37	68.20	-12.83	3	Vertical	24	1.52
5510MHz	Pass	PK	16.51744G	53.96	68.20	-14.24	3	Horizontal	310	1.64
5550MHz	Pass	AV	5.46G	50.55	54.00	-3.45	3	Vertical	311	1.91
5550MHz	Pass	AV	5.5504G	108.39	Inf	-Inf	3	Vertical	311	1.91
5550MHz	Pass	PK	5.4596G	63.50	74.00	-10.50	3	Vertical	311	1.91
5550MHz	Pass	PK	5.47G	67.14	68.20	-1.06	3	Vertical	311	1.91
5550MHz	Pass	PK	5.5456G	120.95	Inf	-Inf	3	Vertical	311	1.91

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5550MHz	Pass	AV	5.4596G	50.03	54.00	-3.97	3	Horizontal	340	1.44
5550MHz	Pass	AV	5.5508G	109.89	Inf	-Inf	3	Horizontal	340	1.44
5550MHz	Pass	PK	5.46G	66.79	74.00	-7.21	3	Horizontal	340	1.44
5550MHz	Pass	PK	5.4604G	66.59	68.20	-1.61	3	Horizontal	340	1.44
5550MHz	Pass	PK	5.5516G	120.58	Inf	-Inf	3	Horizontal	340	1.44
5550MHz	Pass	PK	16.65288G	57.15	68.20	-11.05	3	Vertical	24	1.54
5550MHz	Pass	PK	16.65368G	55.09	68.20	-13.11	3	Horizontal	310	1.50
5670MHz	Pass	AV	5.6754G	106.13	Inf	-Inf	3	Vertical	321	1.45
5670MHz	Pass	PK	5.6712G	117.21	Inf	-Inf	3	Vertical	321	1.45
5670MHz	Pass	PK	5.7258G	67.51	68.20	-0.69	3	Vertical	321	1.45
5670MHz	Pass	AV	5.6736G	107.33	Inf	-Inf	3	Horizontal	348	1.50
5670MHz	Pass	PK	5.6736G	118.17	Inf	-Inf	3	Horizontal	348	1.50
5670MHz	Pass	PK	5.7378G	65.37	68.20	-2.83	3	Horizontal	348	1.50
5670MHz	Pass	PK	17.00784G	53.10	68.20	-15.10	3	Vertical	97	1.40
5670MHz	Pass	PK	17.01128G	53.34	68.20	-14.86	3	Horizontal	246	1.00
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.458G	43.14	54.00	-10.86	3	Vertical	320	1.54
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7064G	110.16	Inf	-Inf	3	Vertical	320	1.54
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4304G	54.64	74.00	-19.36	3	Vertical	320	1.54
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4688G	54.23	68.20	-13.97	3	Vertical	320	1.54
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7112G	121.22	Inf	-Inf	3	Vertical	320	1.54
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8504G	61.04	68.20	-7.16	3	Vertical	320	1.54
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4568G	43.01	54.00	-10.99	3	Horizontal	7	1.14
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7112G	112.59	Inf	-Inf	3	Horizontal	7	1.14
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.458G	54.82	74.00	-19.18	3	Horizontal	7	1.14
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4676G	54.00	68.20	-14.20	3	Horizontal	7	1.14
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7112G	123.52	Inf	-Inf	3	Horizontal	7	1.14
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8504G	64.13	68.20	-4.07	3	Horizontal	7	1.14
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13184G	55.68	68.20	-12.52	3	Vertical	28	2.36
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13208G	54.09	68.20	-14.11	3	Horizontal	26	1.53
802.11be EHT80_Nss1,(MCS0) .4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.144G	43.55	54.00	-10.45	3	Vertical	320	2.23
5290MHz	Pass	AV	5.294G	99.39	Inf	-Inf	3	Vertical	320	2.23
5290MHz	Pass	AV	5.354G	52.74	54.00	-1.26	3	Vertical	320	2.23
5290MHz	Pass	PK	5.099G	54.62	74.00	-19.38	3	Vertical	320	2.23
5290MHz	Pass	PK	5.294G	109.49	Inf	-Inf	3	Vertical	320	2.23
5290MHz	Pass	PK	5.354G	64.10	74.00	-9.90	3	Vertical	320	2.23
5290MHz	Pass	PK	5.479G	55.71	68.20	-12.49	3	Vertical	320	2.23
5290MHz	Pass	AV	5.14G	42.76	54.00	-11.24	3	Horizontal	352	1.84
5290MHz	Pass	AV	5.285G	99.86	Inf	-Inf	3	Horizontal	352	1.84
5290MHz	Pass	AV	5.35G	51.55	54.00	-2.45	3	Horizontal	352	1.84
5290MHz	Pass	PK	5.146G	54.31	74.00	-19.69	3	Horizontal	352	1.84
5290MHz	Pass	PK	5.305G	110.21	Inf	-Inf	3	Horizontal	352	1.84
5290MHz	Pass	PK	5.365G	62.72	74.00	-11.28	3	Horizontal	352	1.84
5290MHz	Pass	PK	5.471G	55.13	68.20	-13.07	3	Horizontal	352	1.84
5290MHz	Pass	AV	15.89912G	43.38	54.00	-10.62	3	Vertical	80	1.50
5290MHz	Pass	PK	15.8508G	54.38	74.00	-19.62	3	Vertical	80	1.50
5290MHz	Pass	AV	15.9012G	43.77	54.00	-10.23	3	Horizontal	335	1.35
5290MHz	Pass	PK	15.87736G	54.59	74.00	-19.41	3	Horizontal	335	1.35
5530MHz	Pass	AV	5.35G	43.57	54.00	-10.43	3	Vertical	319	2.13
5530MHz	Pass	AV	5.459G	52.81	54.00	-1.19	3	Vertical	319	2.13
5530MHz	Pass	AV	5.534G	103.40	Inf	-Inf	3	Vertical	319	2.13
5530MHz	Pass	PK	5.322G	55.71	68.20	-12.49	3	Vertical	319	2.13
5530MHz	Pass	PK	5.452G	65.18	74.00	-8.82	3	Vertical	319	2.13
5530MHz	Pass	PK	5.47G	63.76	68.20	-4.44	3	Vertical	319	2.13
5530MHz	Pass	PK	5.534G	114.76	Inf	-Inf	3	Vertical	319	2.13
5530MHz	Pass	PK	5.763G	56.50	68.20	-11.70	3	Vertical	319	2.13
5530MHz	Pass	AV	5.35G	43.55	54.00	-10.45	3	Horizontal	360	1.97
5530MHz	Pass	AV	5.449G	50.12	54.00	-3.88	3	Horizontal	360	1.97
5530MHz	Pass	AV	5.529G	104.42	Inf	-Inf	3	Horizontal	360	1.97
5530MHz	Pass	PK	5.323G	55.42	68.20	-12.78	3	Horizontal	360	1.97
5530MHz	Pass	PK	5.449G	63.13	74.00	-10.87	3	Horizontal	360	1.97
5530MHz	Pass	PK	5.467G	65.27	68.20	-2.93	3	Horizontal	360	1.97

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5530MHz	Pass	PK	5.529G	115.53	Inf	-Inf	3	Horizontal	360	1.97
5530MHz	Pass	PK	5.77G	56.64	68.20	-11.56	3	Horizontal	360	1.97
5530MHz	Pass	PK	16.59976G	55.02	68.20	-13.18	3	Vertical	24	1.41
5530MHz	Pass	PK	16.59784G	53.62	68.20	-14.58	3	Horizontal	0	2.15
5610MHz	Pass	AV	5.452G	46.36	54.00	-7.64	3	Vertical	320	1.35
5610MHz	Pass	AV	5.608G	103.56	Inf	-Inf	3	Vertical	320	1.35
5610MHz	Pass	PK	5.436G	57.30	74.00	-16.70	3	Vertical	320	1.35
5610MHz	Pass	PK	5.467G	57.19	68.20	-11.01	3	Vertical	320	1.35
5610MHz	Pass	PK	5.608G	114.03	Inf	-Inf	3	Vertical	320	1.35
5610MHz	Pass	PK	5.744G	65.03	68.20	-3.17	3	Vertical	320	1.35
5610MHz	Pass	AV	5.449G	46.51	54.00	-7.49	3	Horizontal	360	1.77
5610MHz	Pass	AV	5.609G	105.64	Inf	-Inf	3	Horizontal	360	1.77
5610MHz	Pass	PK	5.449G	57.55	74.00	-16.45	3	Horizontal	360	1.77
5610MHz	Pass	PK	5.469G	58.80	68.20	-9.40	3	Horizontal	360	1.77
5610MHz	Pass	PK	5.608G	115.43	Inf	-Inf	3	Horizontal	360	1.77
5610MHz	Pass	PK	5.729G	67.11	68.20	-1.09	3	Horizontal	360	1.77
5610MHz	Pass	PK	16.86728G	53.17	68.20	-15.03	3	Vertical	23	2.00
5610MHz	Pass	PK	16.79208G	53.34	68.20	-14.86	3	Horizontal	343	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.456G	43.03	54.00	-10.97	3	Vertical	315	1.83
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6948G	104.53	Inf	-Inf	3	Vertical	315	1.83
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.456G	54.17	74.00	-19.83	3	Vertical	315	1.83
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	54.67	68.20	-13.53	3	Vertical	315	1.83
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6948G	115.79	Inf	-Inf	3	Vertical	315	1.83
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	63.42	68.20	-4.78	3	Vertical	315	1.83
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.426G	43.07	54.00	-10.93	3	Horizontal	346	1.45
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6852G	105.98	Inf	-Inf	3	Horizontal	346	1.45
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4452G	54.88	74.00	-19.12	3	Horizontal	346	1.45
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	54.63	68.20	-13.57	3	Horizontal	346	1.45
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.7056G	118.03	Inf	-Inf	3	Horizontal	346	1.45
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8556G	66.05	68.20	-2.15	3	Horizontal	346	1.45
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.05704G	53.09	68.20	-15.11	3	Vertical	352	2.78
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.08392G	53.12	68.20	-15.08	3	Horizontal	16	1.11
802.11be EHT160_Nss1 (MCS0)_4TX(Port1&Port3&Port4&Port5)	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.1384G	45.71	54.00	-8.29	3	Vertical	313	2.35
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.2464G	96.36	Inf	-Inf	3	Vertical	313	2.35
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.3724G	53.27	54.00	-0.73	3	Vertical	313	2.35
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1216G	58.13	74.00	-15.87	3	Vertical	313	2.35
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.2464G	107.98	Inf	-Inf	3	Vertical	313	2.35
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.3568G	64.97	74.00	-9.03	3	Vertical	313	2.35
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.4636G	55.68	68.20	-12.52	3	Vertical	313	2.35
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.1396G	44.25	54.00	-9.75	3	Horizontal	18	1.86
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.256G	96.84	Inf	-Inf	3	Horizontal	18	1.86
5250MHz Straddle 5.25-5.35GHz	Pass	AV	5.3568G	52.17	54.00	-1.83	3	Horizontal	18	1.86
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.1156G	58.39	74.00	-15.61	3	Horizontal	18	1.86
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.256G	108.60	Inf	-Inf	3	Horizontal	18	1.86
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.3568G	62.69	74.00	-11.31	3	Horizontal	18	1.86
5250MHz Straddle 5.25-5.35GHz	Pass	PK	5.4612G	56.32	68.20	-11.88	3	Horizontal	18	1.86
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.75584G	43.22	54.00	-10.78	3	Vertical	246	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.74472G	54.52	74.00	-19.48	3	Vertical	246	1.50
5250MHz Straddle 5.25-5.35GHz	Pass	AV	15.76784G	43.03	54.00	-10.97	3	Horizontal	91	1.19
5250MHz Straddle 5.25-5.35GHz	Pass	PK	15.75048G	54.73	74.00	-19.27	3	Horizontal	91	1.19
5570MHz	Pass	AV	5.4344G	49.43	54.00	-4.57	3	Vertical	315	1.97
5570MHz	Pass	AV	5.5676G	98.67	Inf	-Inf	3	Vertical	315	1.97
5570MHz	Pass	PK	5.3228G	55.44	68.20	-12.76	3	Vertical	315	1.97
5570MHz	Pass	PK	5.4392G	63.06	74.00	-10.94	3	Vertical	315	1.97
5570MHz	Pass	PK	5.468G	59.10	68.20	-9.10	3	Vertical	315	1.97
5570MHz	Pass	PK	5.5736G	110.00	Inf	-Inf	3	Vertical	315	1.97
5570MHz	Pass	PK	5.7284G	67.44	68.20	-0.76	3	Vertical	315	1.97
5570MHz	Pass	AV	5.4584G	48.34	54.00	-5.66	3	Horizontal	350	1.55
5570MHz	Pass	AV	5.5784G	98.54	Inf	-Inf	3	Horizontal	350	1.55
5570MHz	Pass	PK	5.35G	56.48	74.00	-17.52	3	Horizontal	350	1.55
5570MHz	Pass	PK	5.4536G	64.50	74.00	-9.50	3	Horizontal	350	1.55



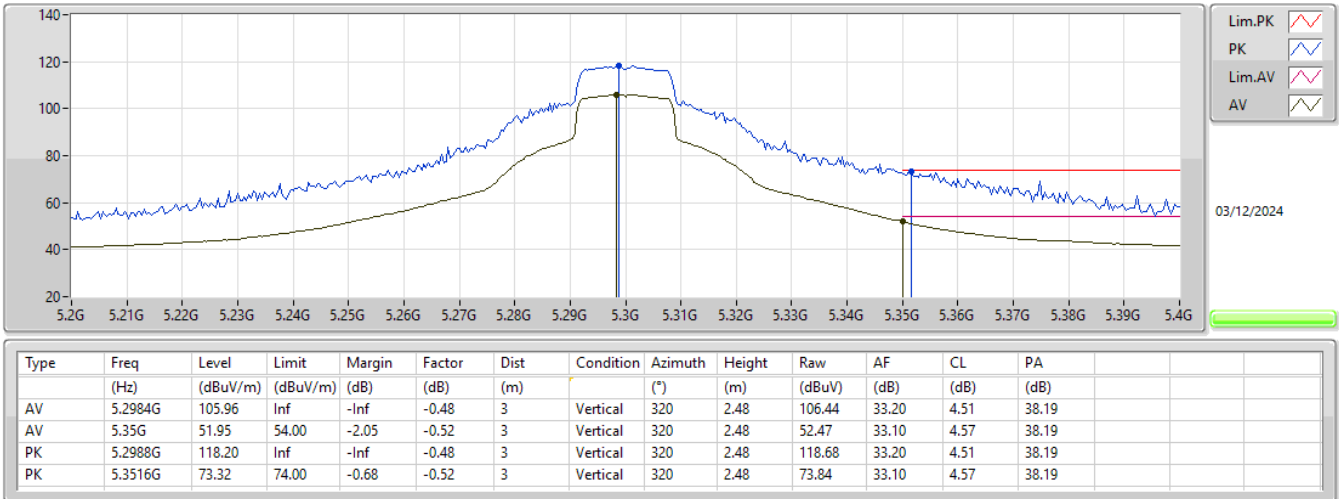
RSE TX above 1GHz _Non-Beamforming

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	PK	5.4644G	59.25	68.20	-8.95	3	Horizontal	350	1.55
5570MHz	Pass	PK	5.5736G	110.23	Inf	-Inf	3	Horizontal	350	1.55
5570MHz	Pass	PK	5.738G	67.27	68.20	-0.93	3	Horizontal	350	1.55
5570MHz	Pass	PK	16.69376G	54.11	68.20	-14.09	3	Vertical	21	1.50
5570MHz	Pass	PK	16.70168G	54.40	68.20	-13.80	3	Horizontal	233	1.50

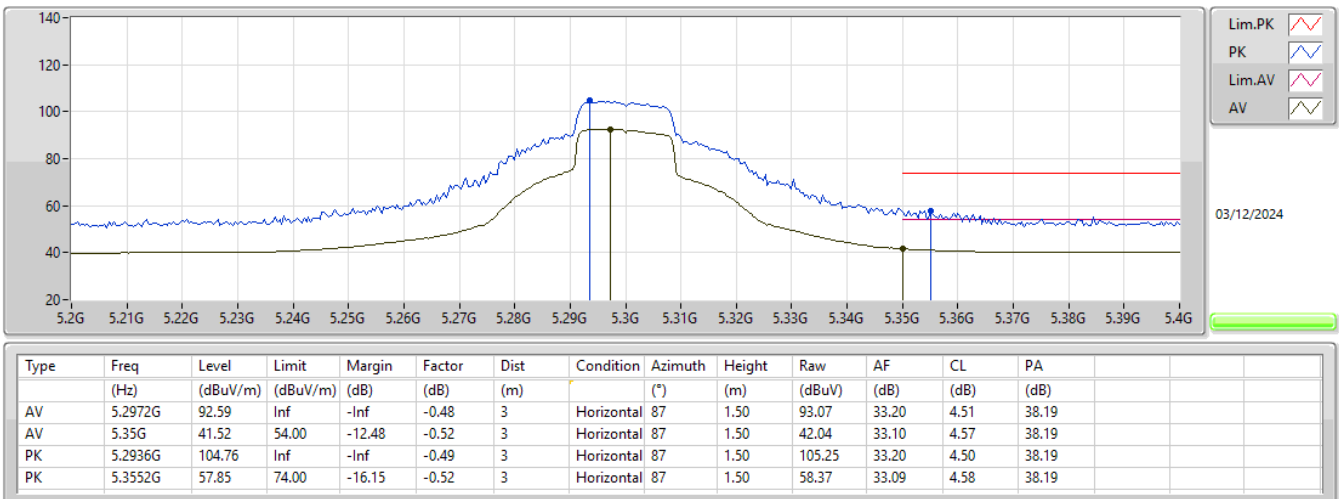
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



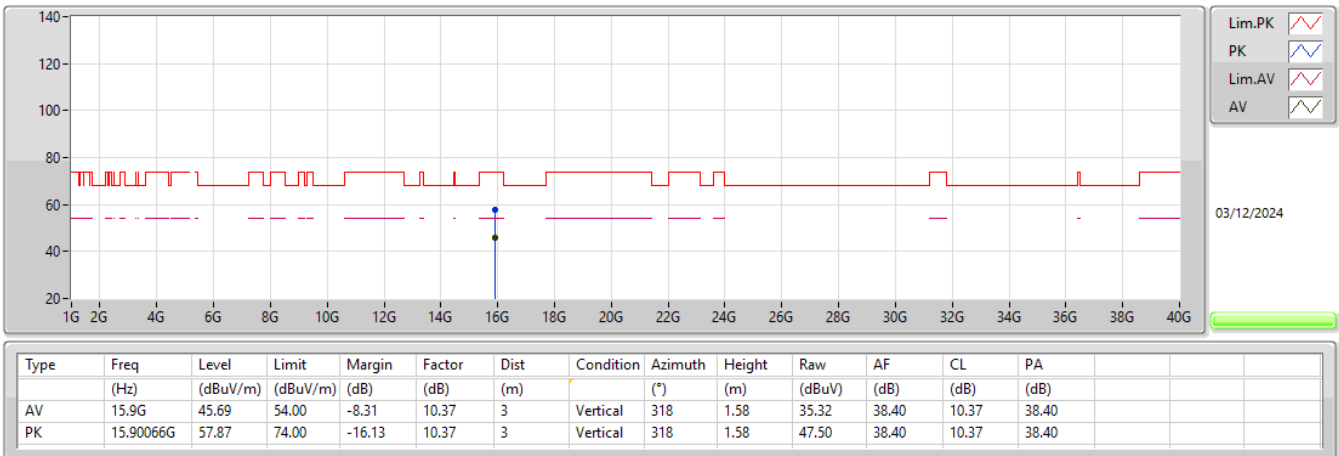
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



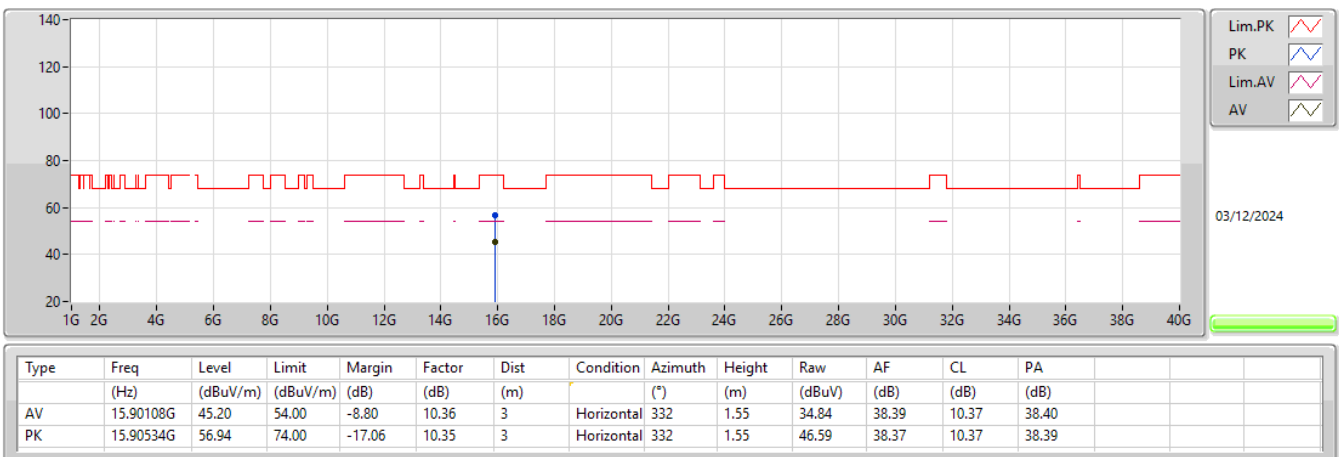
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



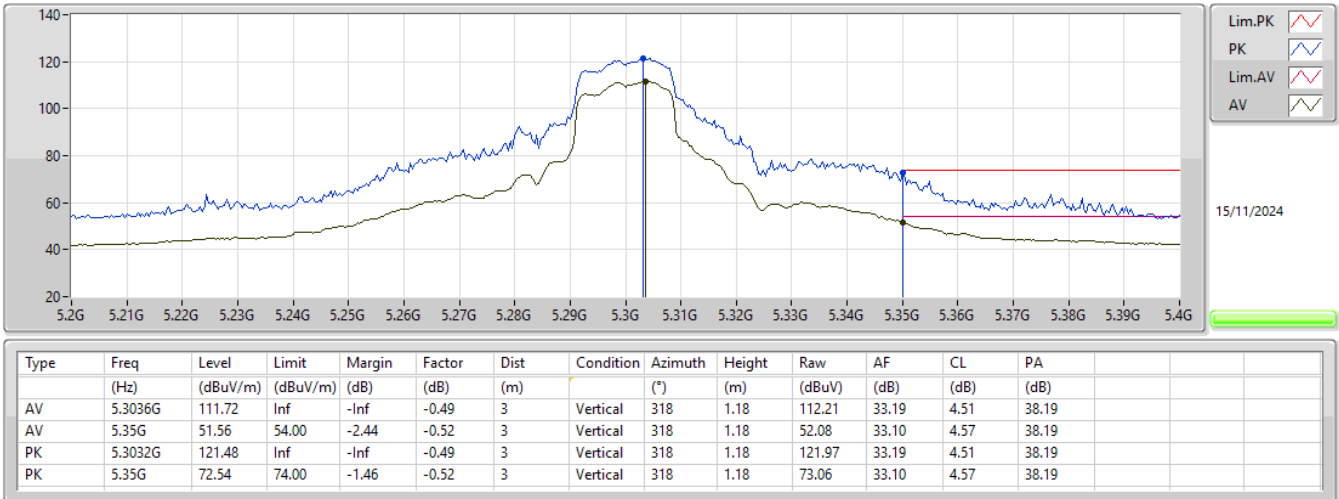
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

5300MHz_TX



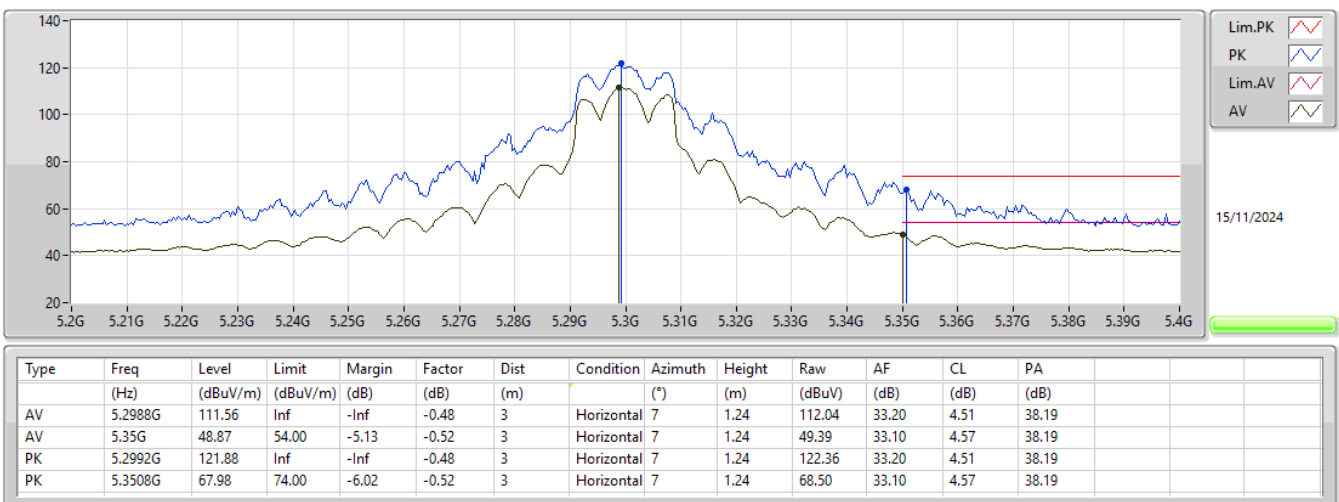
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

5300MHz_TX



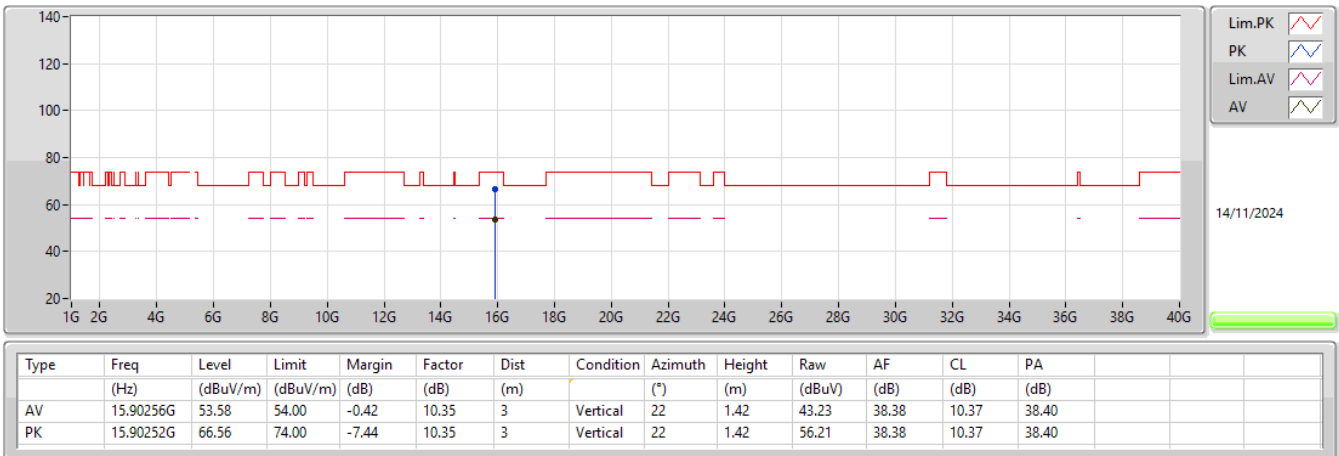
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

5300MHz_TX



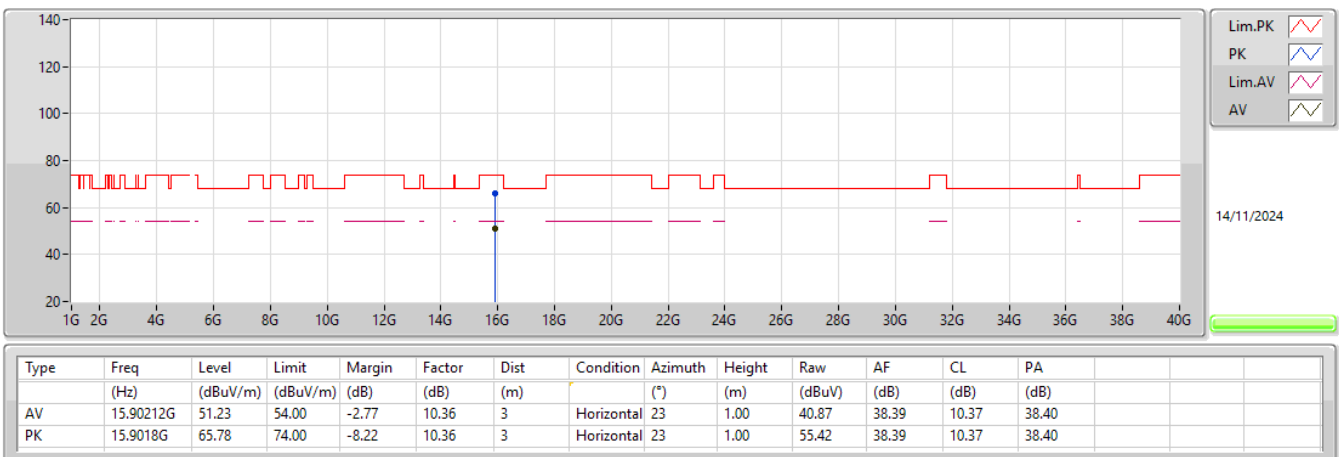
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

5300MHz_TX



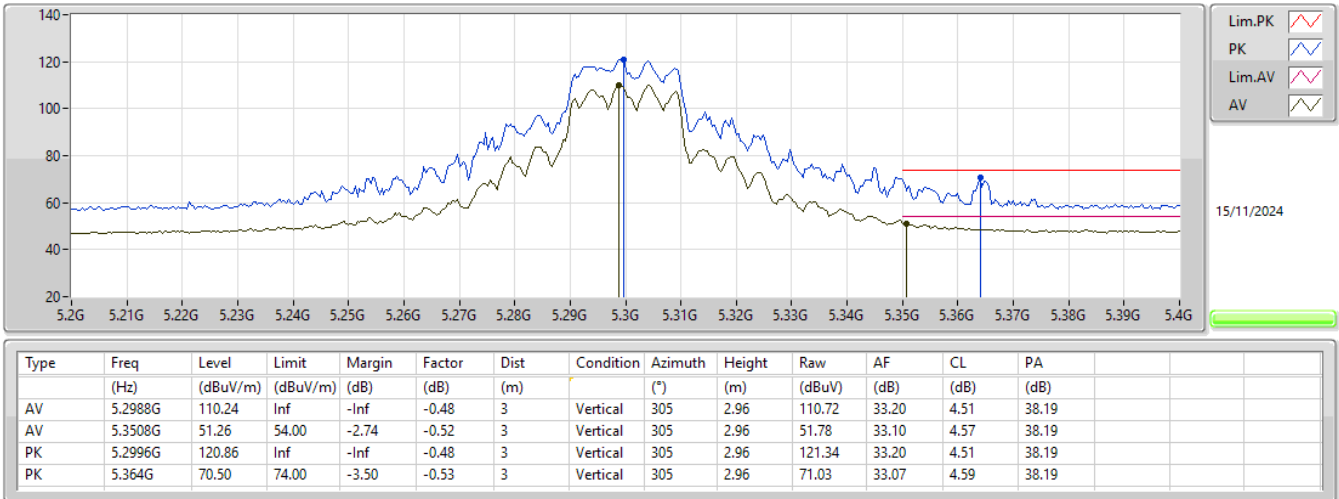
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

5300MHz_TX



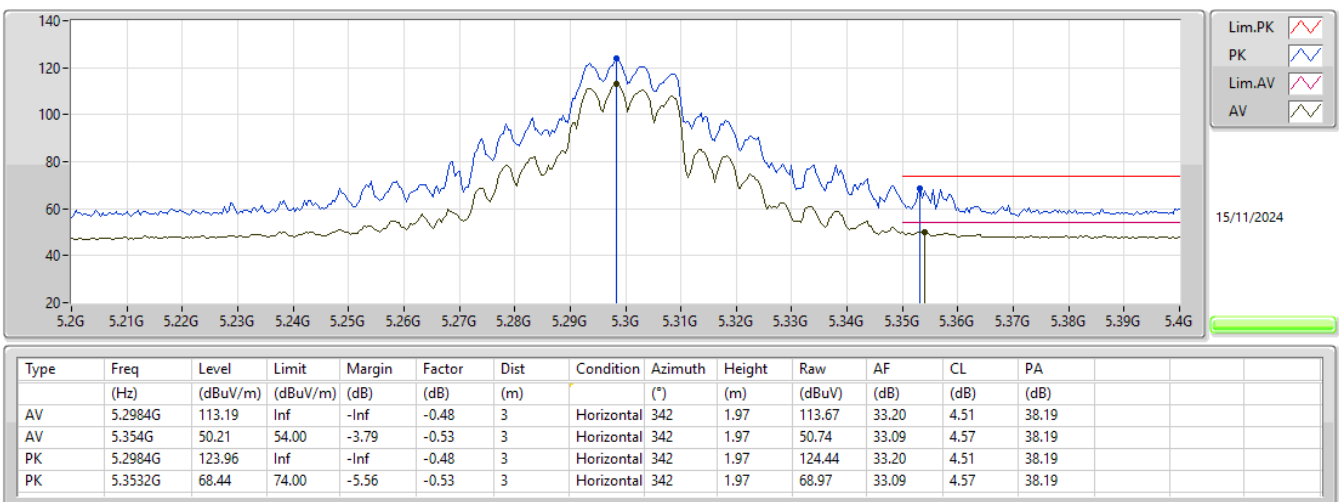
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5300MHz_TX



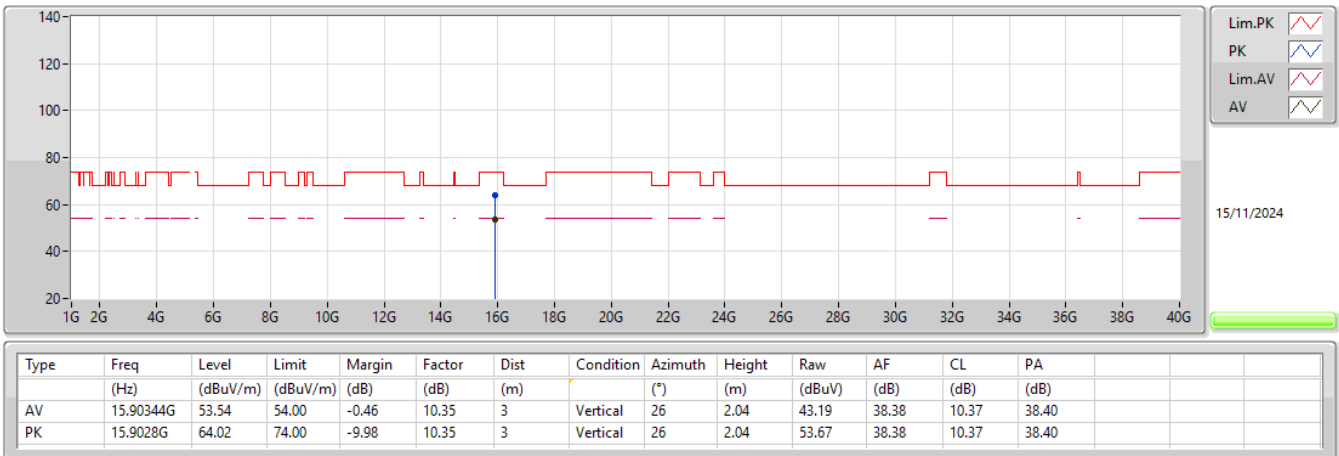
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5300MHz_TX



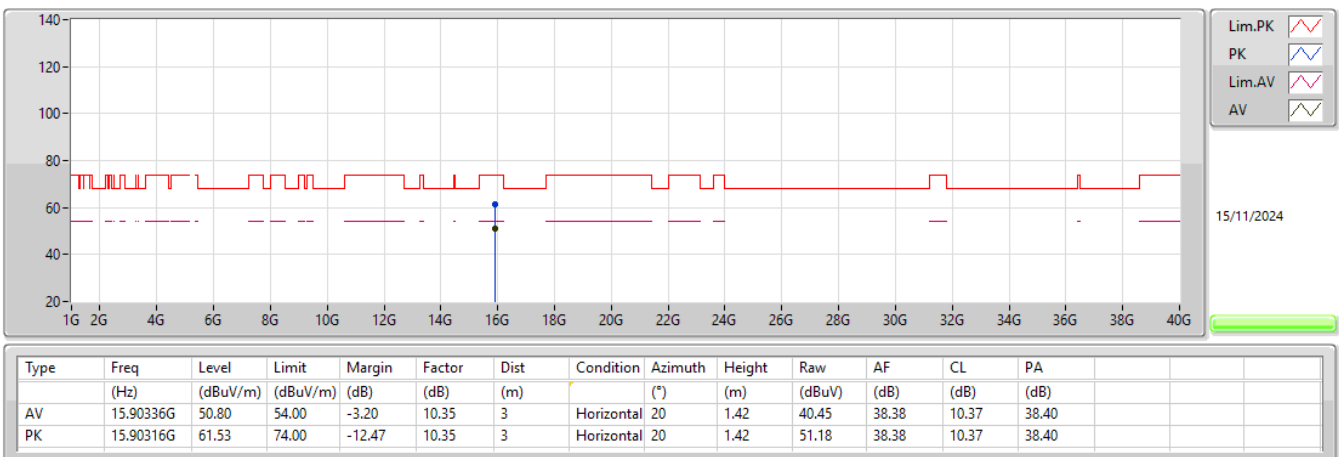
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5300MHz_TX



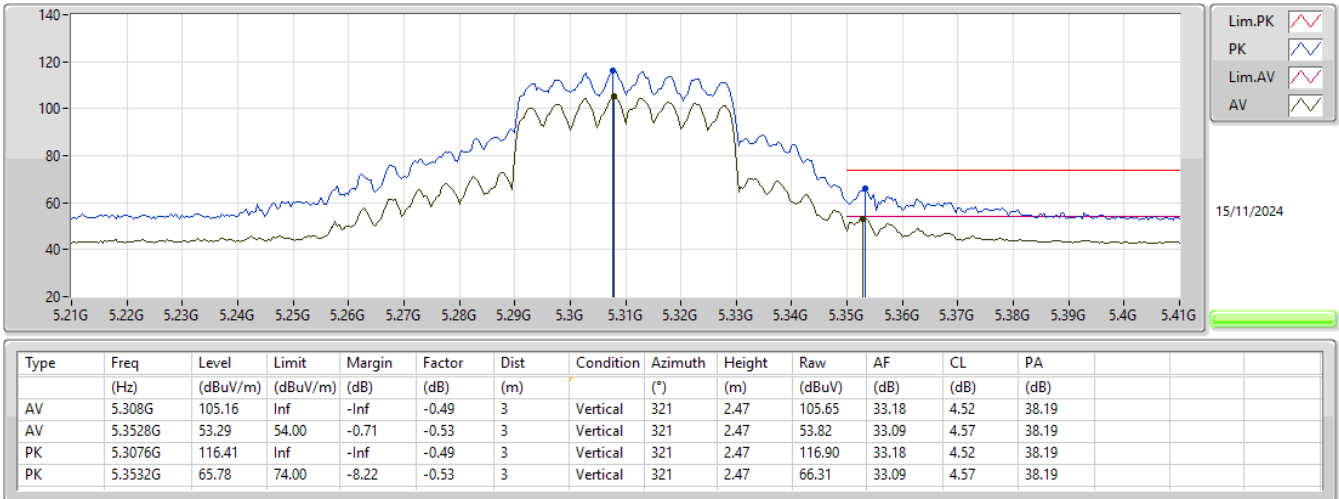
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5300MHz_TX



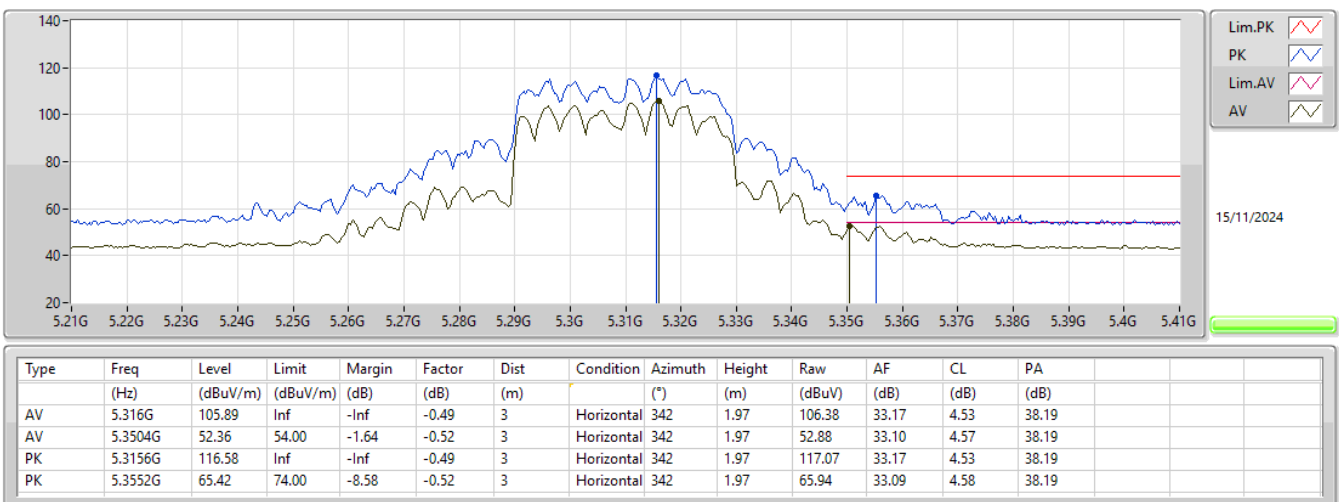
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5310MHz_TX



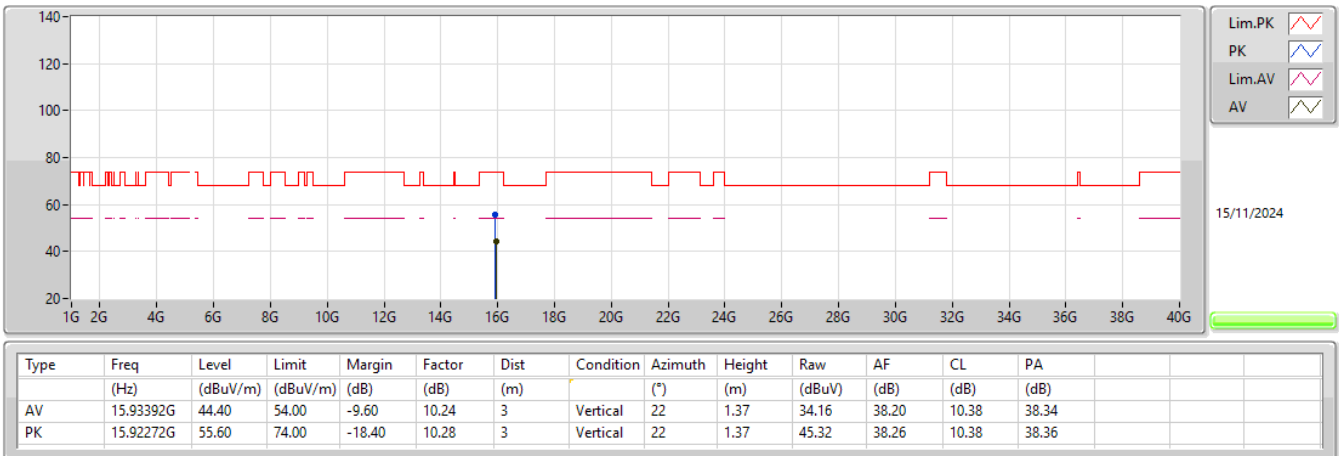
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5310MHz_TX



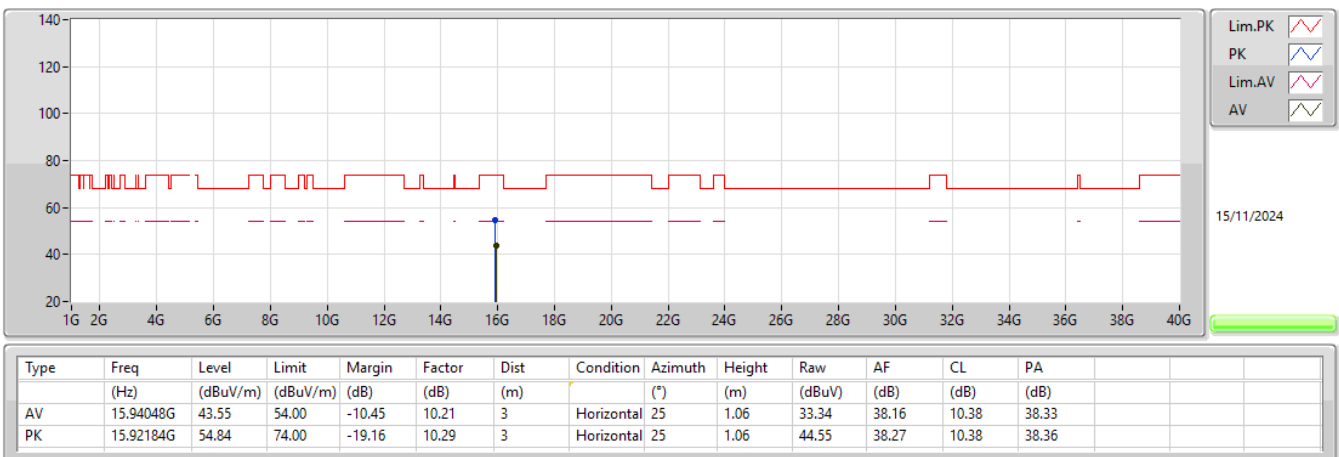
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5310MHz_TX



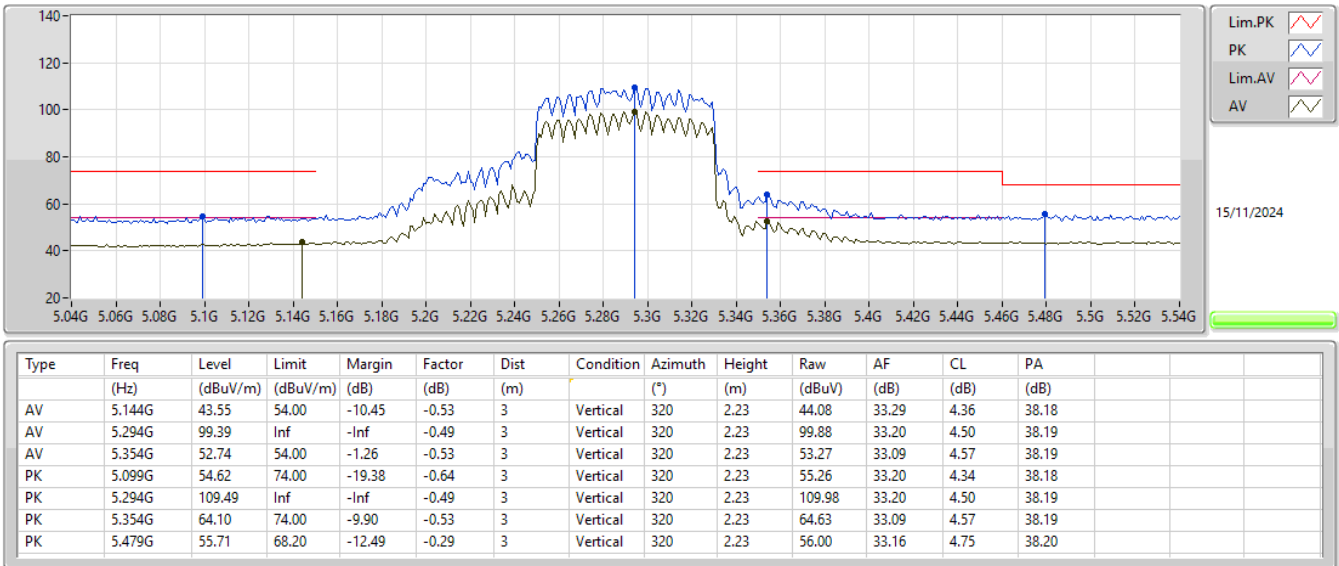
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5310MHz_TX



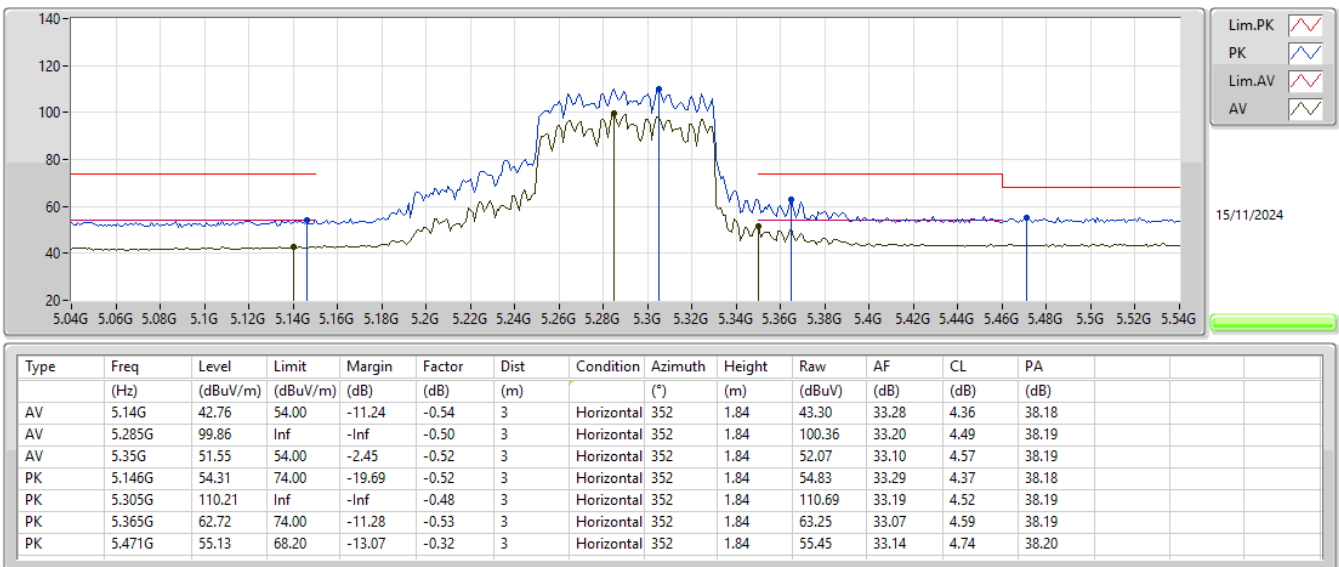
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5290MHz_TX



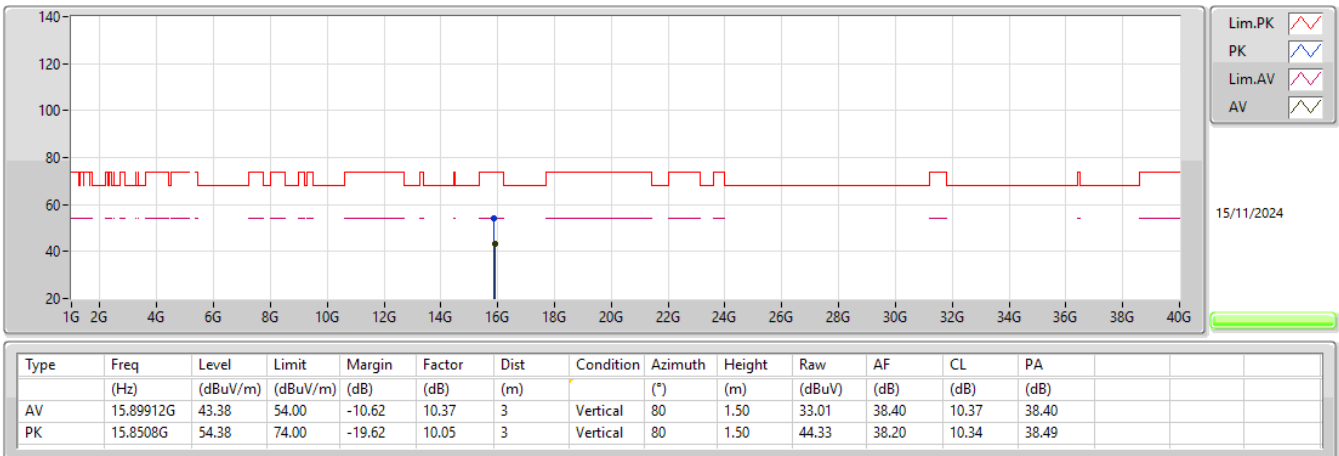
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5290MHz_TX



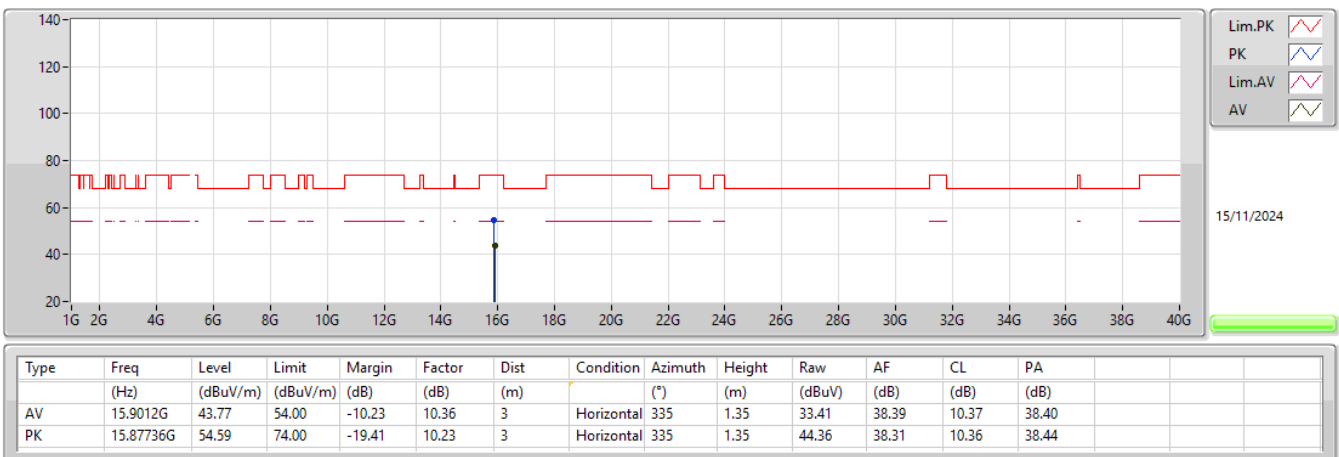
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5290MHz_TX



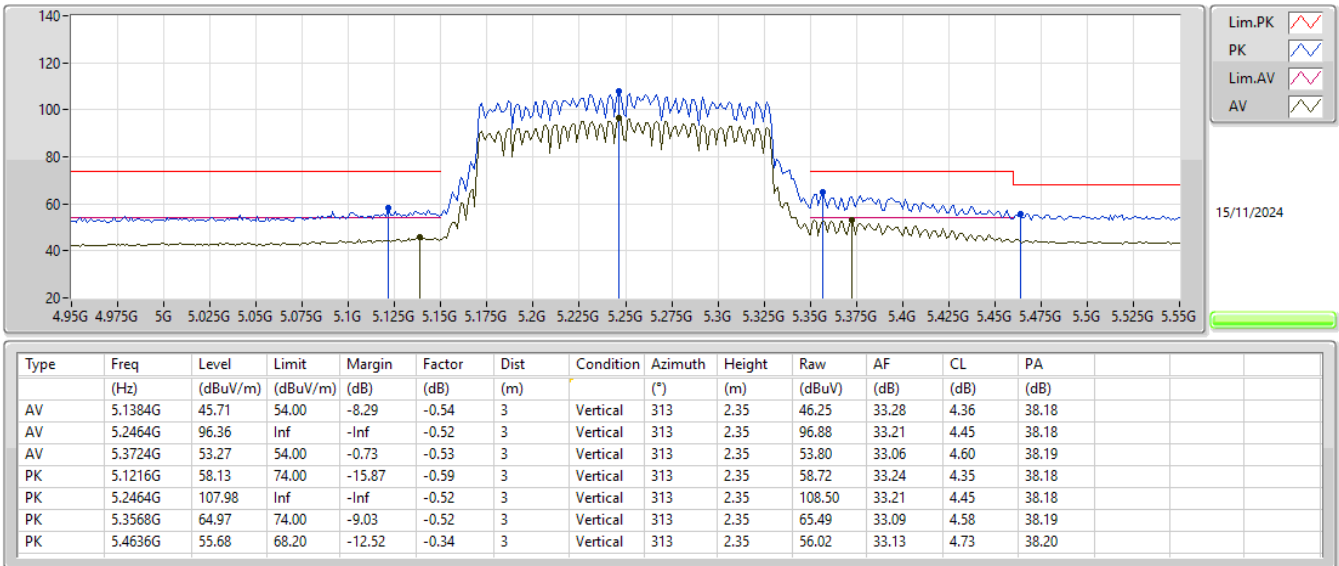
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5290MHz_TX



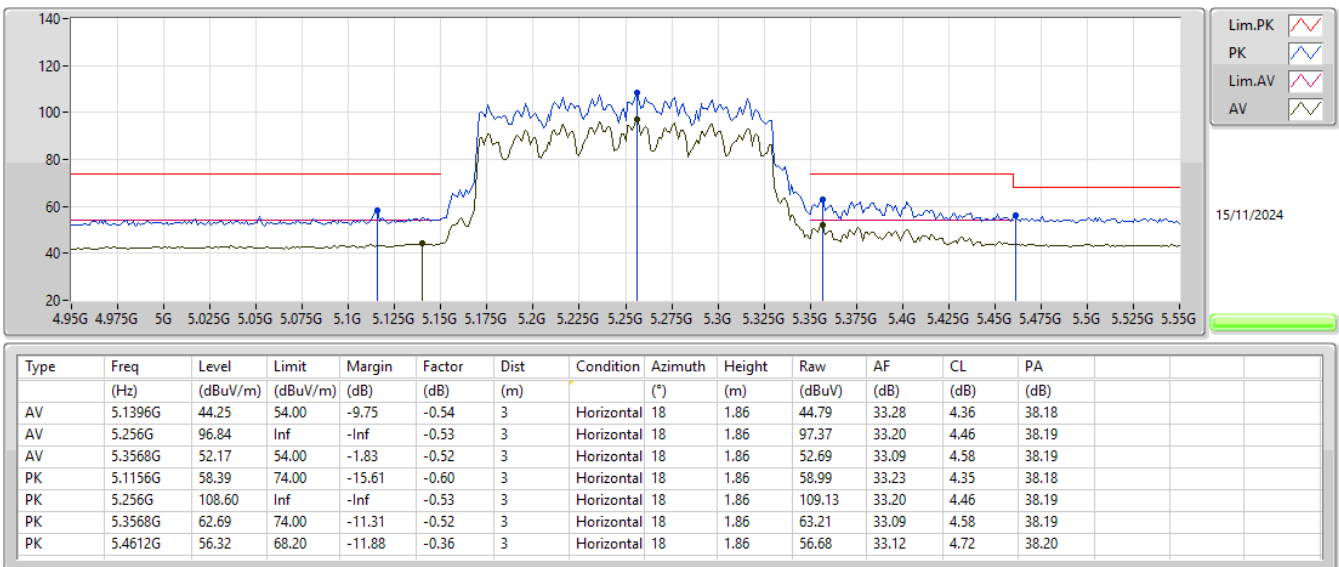
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5250MHz Straddle 5.25-5.35GHz_TX



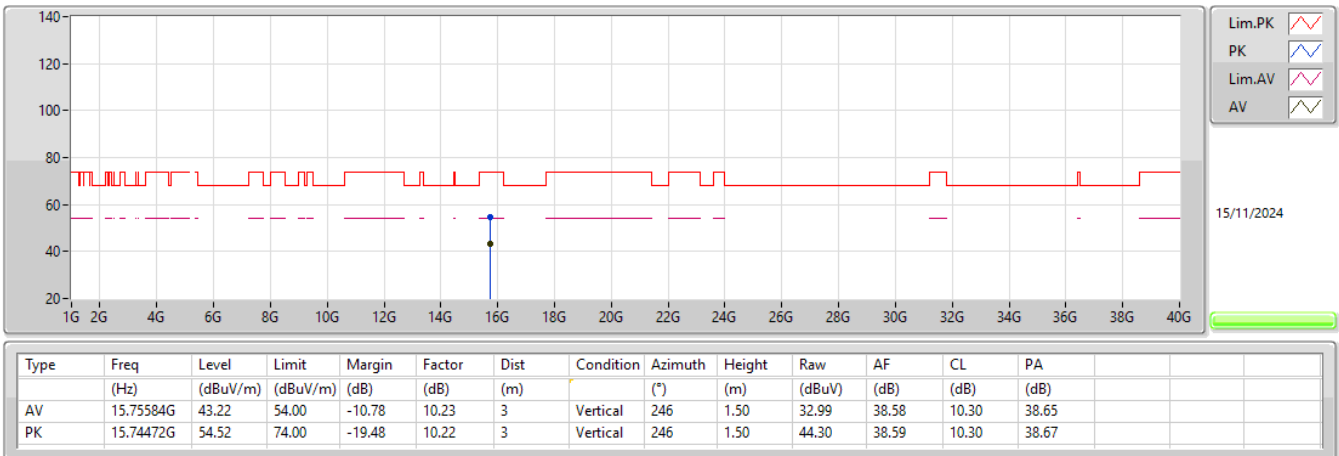
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5250MHz Straddle 5.25-5.35GHz_TX



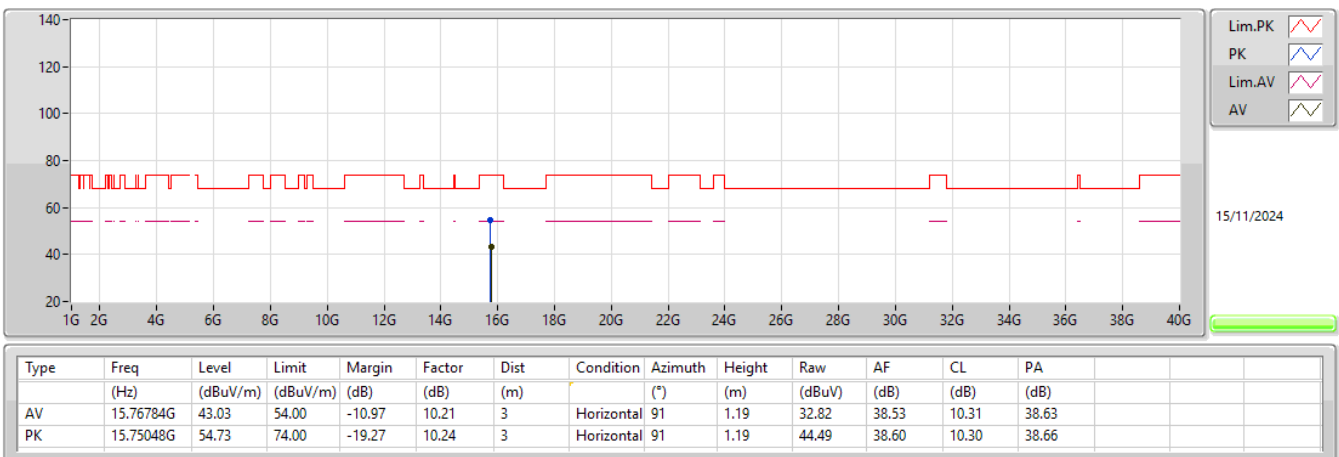
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5250MHz Straddle 5.25-5.35GHz_TX



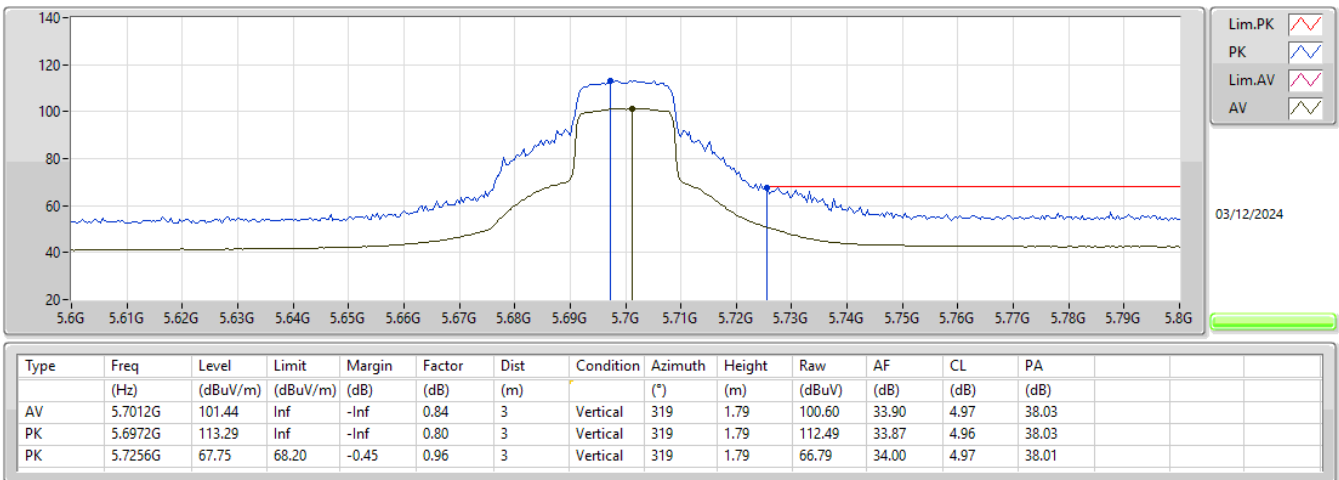
5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5250MHz Straddle 5.25-5.35GHz_TX



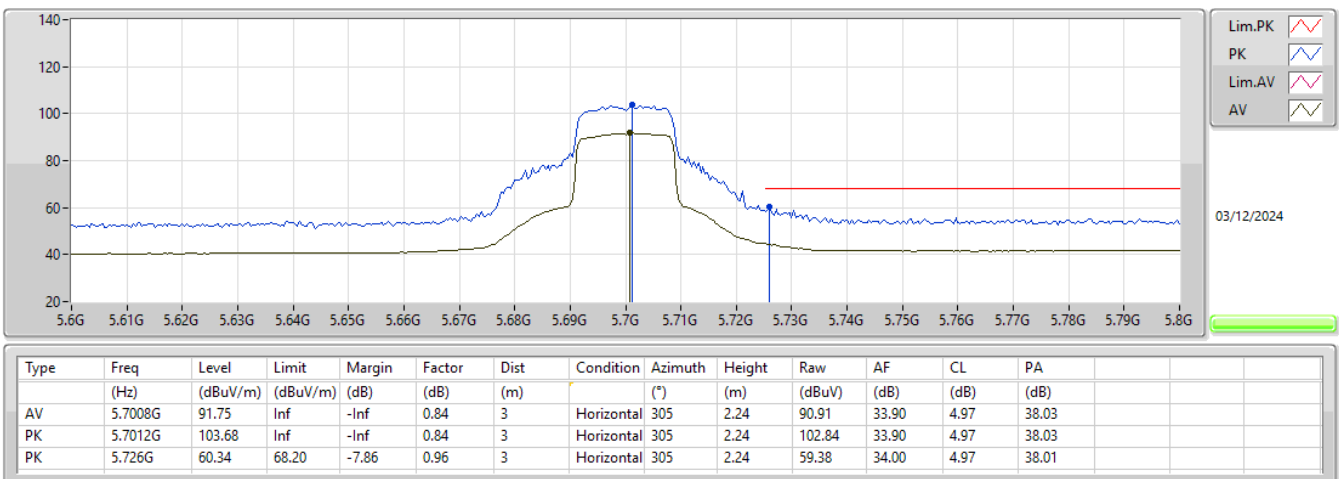
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



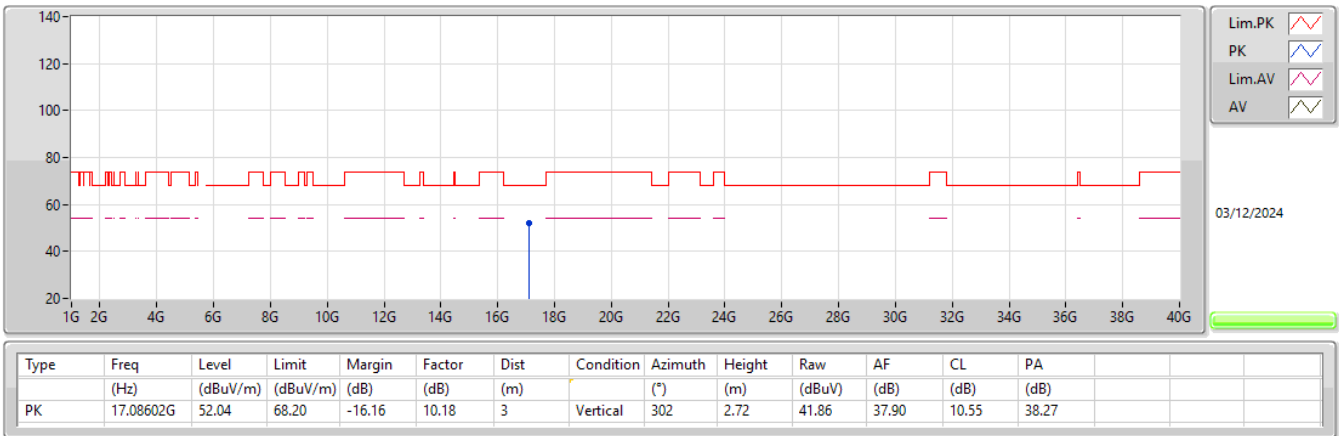
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



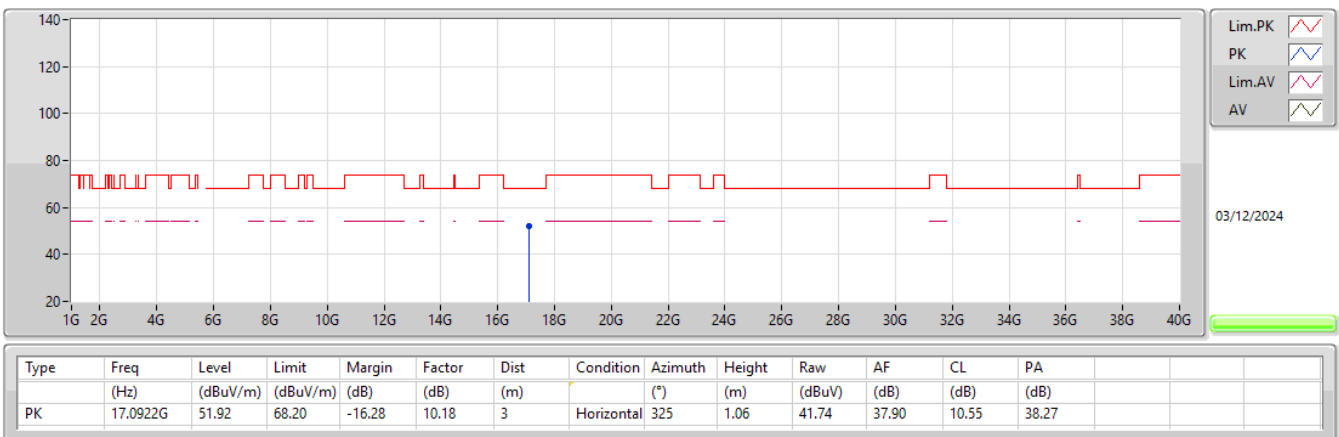
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



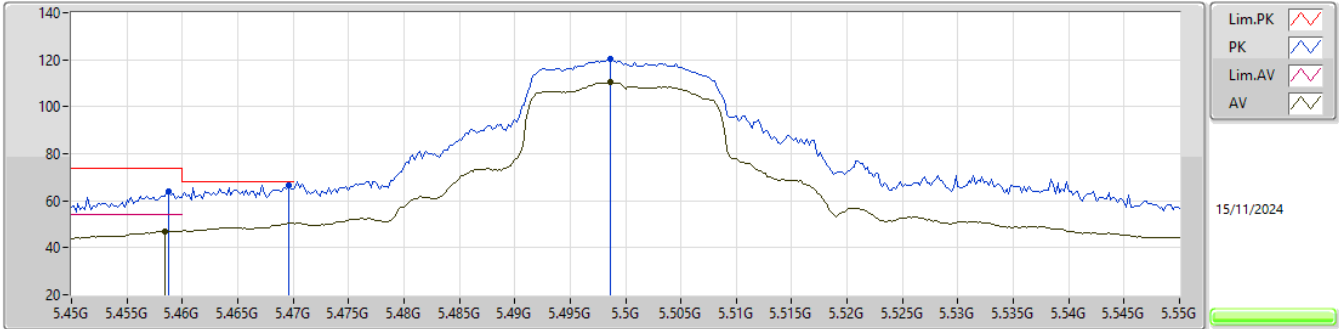
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

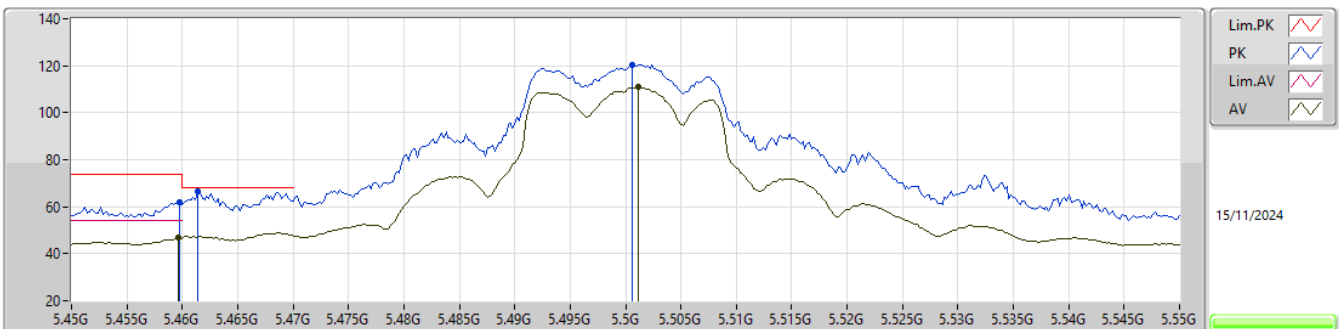
5500MHz_TX



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	5.4584G	47.10	54.00	-6.90	-0.36	3	Vertical	314	1.19	47.46	33.12	4.72	38.20
AV	5.4986G	110.35	Inf	-Inf	-0.22	3	Vertical	314	1.19	110.57	33.20	4.78	38.20
PK	5.4588G	64.02	74.00	-9.98	-0.36	3	Vertical	314	1.19	64.38	33.12	4.72	38.20
PK	5.4696G	66.73	68.20	-1.47	-0.32	3	Vertical	314	1.19	67.05	33.14	4.74	38.20
PK	5.4986G	120.52	Inf	-Inf	-0.22	3	Vertical	314	1.19	120.74	33.20	4.78	38.20

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

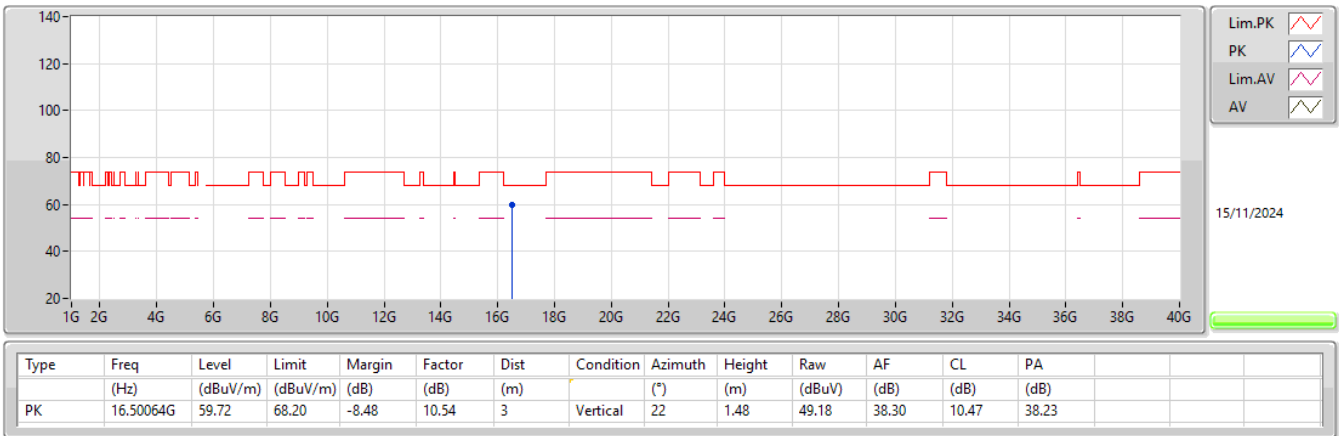
5500MHz_TX



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	5.4596G	46.67	54.00	-7.33	-0.36	3	Horizontal	344	2.18	47.03	33.12	4.72	38.20
AV	5.5012G	110.98	Inf	-Inf	-0.21	3	Horizontal	344	2.18	111.19	33.20	4.79	38.20
PK	5.4598G	61.94	74.00	-12.06	-0.36	3	Horizontal	344	2.18	62.30	33.12	4.72	38.20
PK	5.4614G	66.69	68.20	-1.51	-0.35	3	Horizontal	344	2.18	67.04	33.12	4.73	38.20
PK	5.5006G	120.44	Inf	-Inf	-0.21	3	Horizontal	344	2.18	120.65	33.20	4.79	38.20

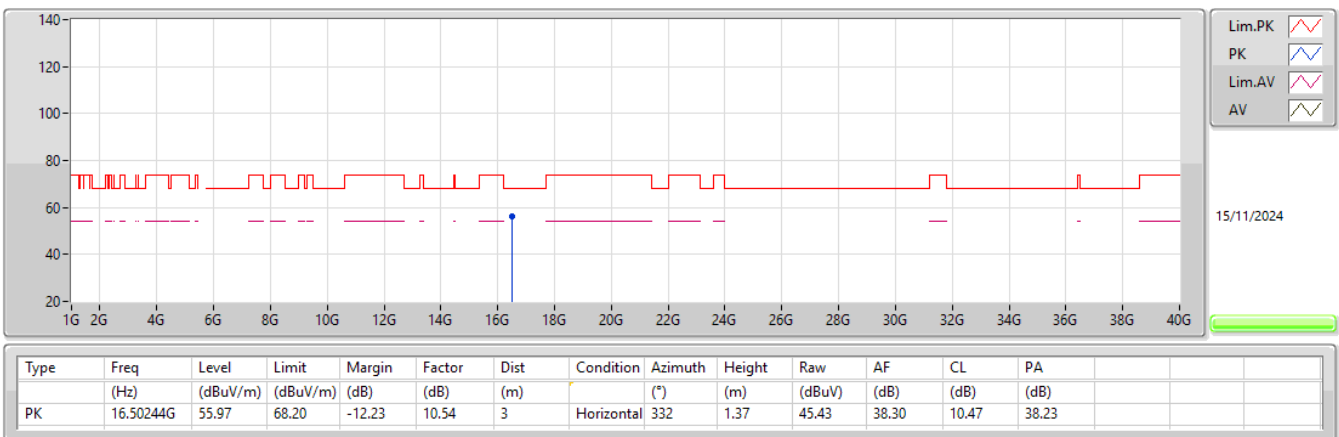
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

5500MHz_TX



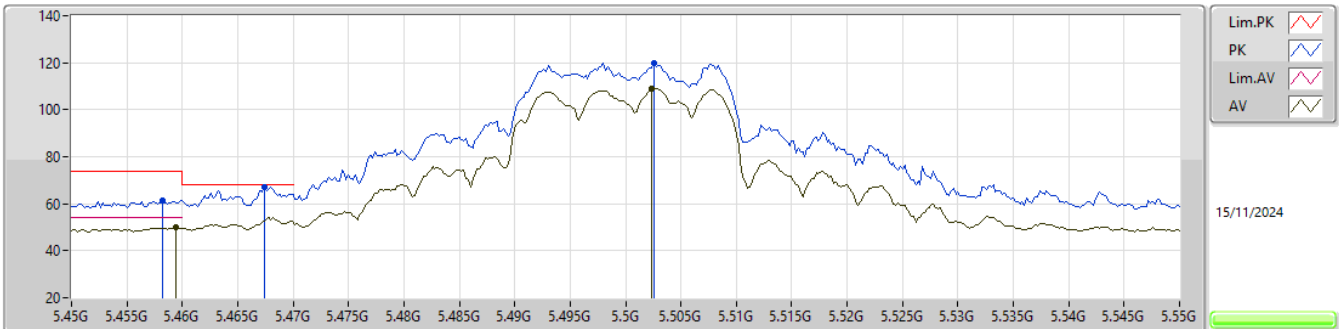
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX(Port1&Port3&Port4&Port5)

5500MHz_TX



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

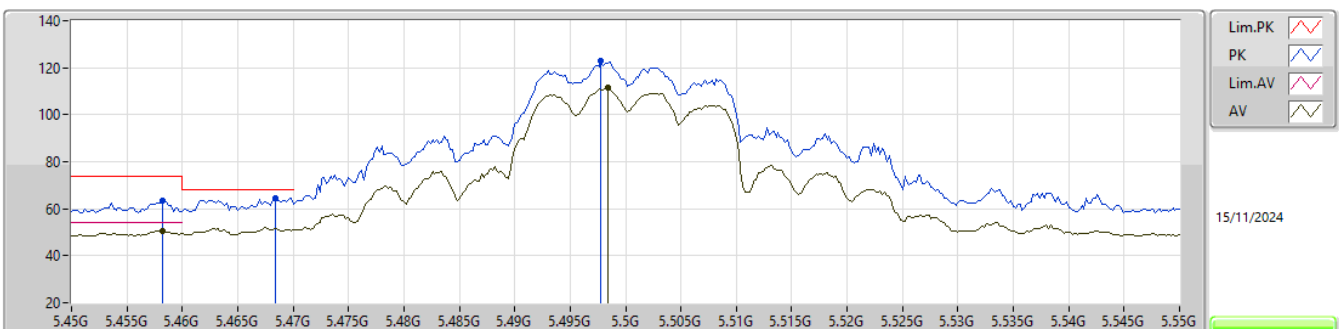
5500MHz_TX



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	5.4594G	49.93	54.00	-4.07	-0.36	3	Vertical	312	1.98	50.29	33.12	4.72	38.20
AV	5.5024G	108.99	Inf	-Inf	-0.21	3	Vertical	312	1.98	109.20	33.20	4.79	38.20
PK	5.4582G	61.46	74.00	-12.54	-0.36	3	Vertical	312	1.98	61.82	33.12	4.72	38.20
PK	5.4674G	67.09	68.20	-1.11	-0.34	3	Vertical	312	1.98	67.43	33.13	4.73	38.20
PK	5.5026G	119.83	Inf	-Inf	-0.21	3	Vertical	312	1.98	120.04	33.20	4.79	38.20

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

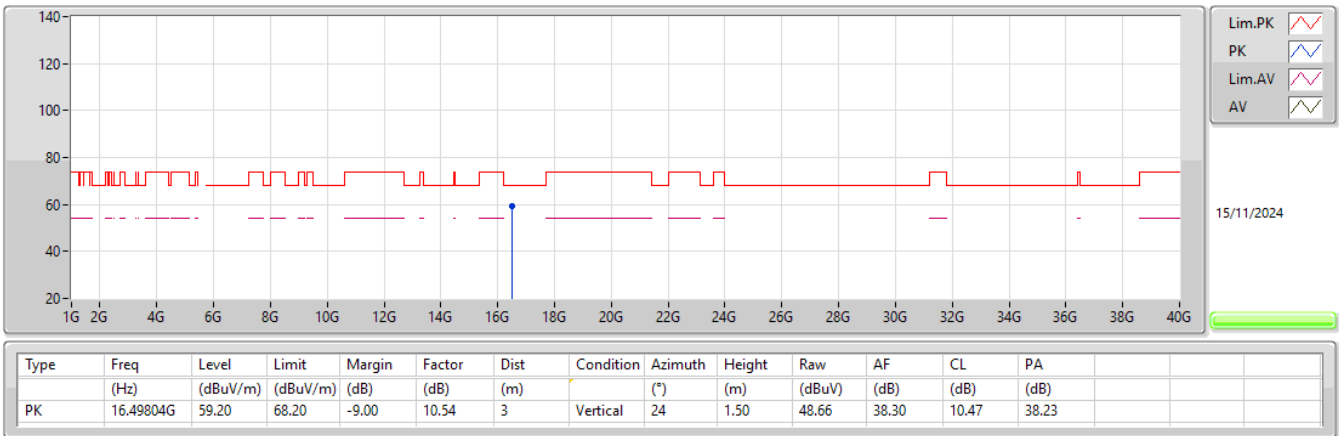
5500MHz_TX



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	5.4582G	50.56	54.00	-3.44	-0.36	3	Horizontal	342	1.86	50.92	33.12	4.72	38.20
AV	5.4984G	111.38	Inf	-Inf	-0.22	3	Horizontal	342	1.86	111.60	33.20	4.78	38.20
PK	5.4582G	63.24	74.00	-10.76	-0.36	3	Horizontal	342	1.86	63.60	33.12	4.72	38.20
PK	5.4684G	64.55	68.20	-3.65	-0.32	3	Horizontal	342	1.86	64.87	33.14	4.74	38.20
PK	5.4978G	123.05	Inf	-Inf	-0.22	3	Horizontal	342	1.86	123.27	33.20	4.78	38.20

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5500MHz_TX



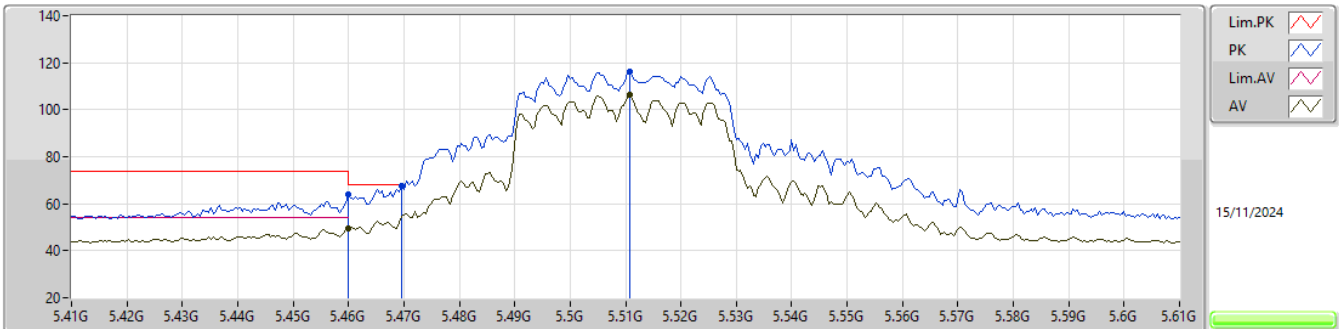
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5500MHz_TX



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

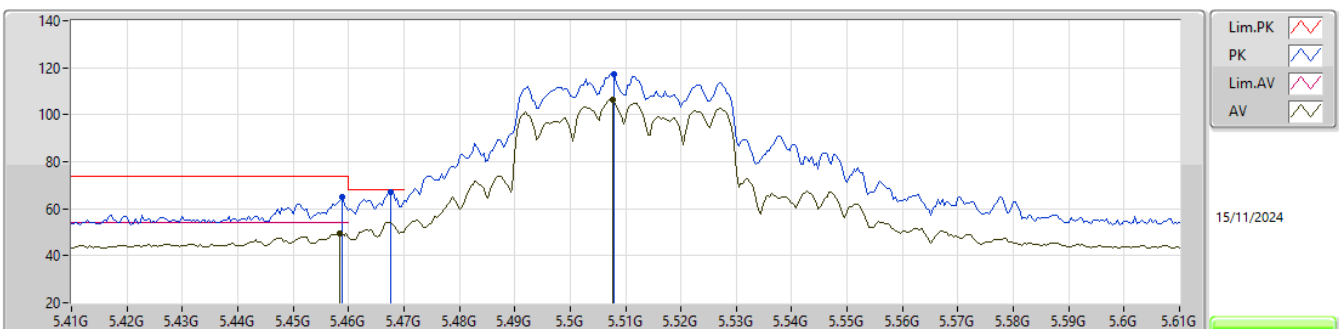
5510MHz_TX



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	5.46G	49.73	54.00	-4.27	-0.36	3	Vertical	312	1.97	50.09	33.12	4.72	38.20
AV	5.5108G	106.33	Inf	-Inf	-0.19	3	Vertical	312	1.97	106.52	33.20	4.80	38.19
PK	5.46G	63.83	74.00	-10.17	-0.36	3	Vertical	312	1.97	64.19	33.12	4.72	38.20
PK	5.4696G	67.58	68.20	-0.62	-0.32	3	Vertical	312	1.97	67.90	33.14	4.74	38.20
PK	5.5108G	116.21	Inf	-Inf	-0.19	3	Vertical	312	1.97	116.40	33.20	4.80	38.19

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

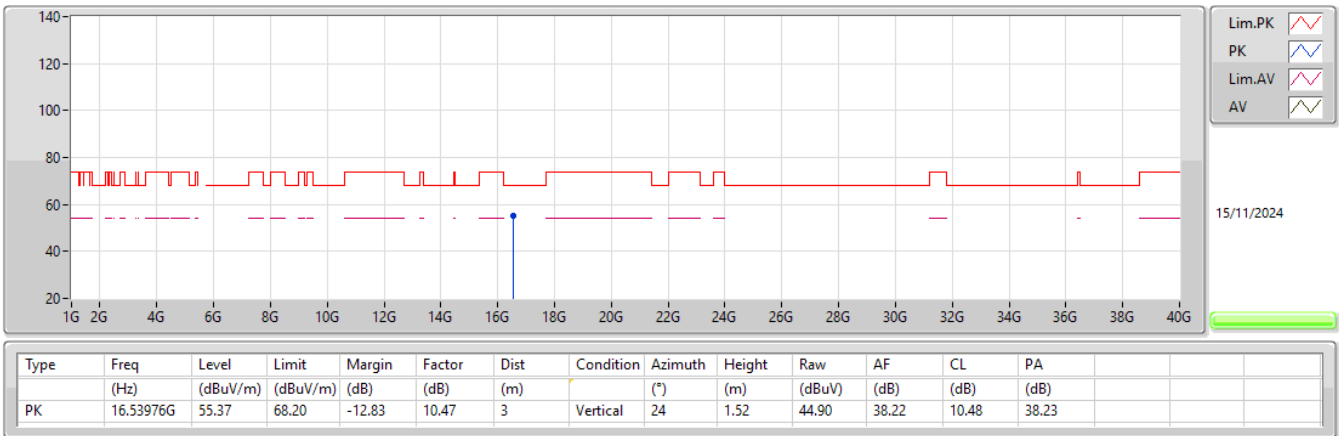
5510MHz_TX



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	5.4584G	49.29	54.00	-4.71	-0.36	3	Horizontal	341	1.08	49.65	33.12	4.72	38.20
AV	5.5076G	106.34	Inf	-Inf	-0.19	3	Horizontal	341	1.08	106.53	33.20	4.80	38.19
PK	5.4588G	65.03	74.00	-8.97	-0.36	3	Horizontal	341	1.08	65.39	33.12	4.72	38.20
PK	5.4676G	66.99	68.20	-1.21	-0.33	3	Horizontal	341	1.08	67.32	33.14	4.73	38.20
PK	5.508G	117.12	Inf	-Inf	-0.19	3	Horizontal	341	1.08	117.31	33.20	4.80	38.19

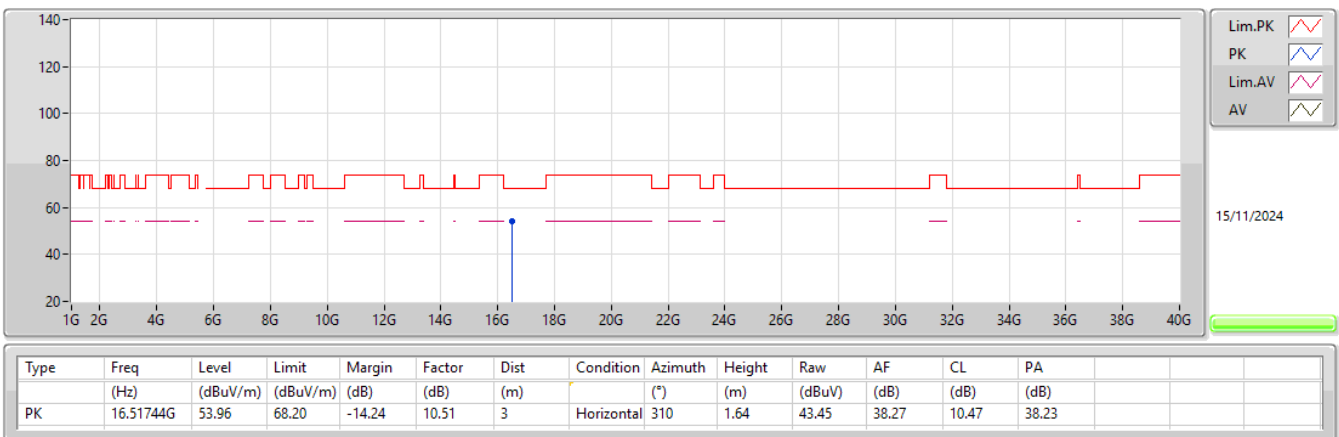
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5510MHz_TX



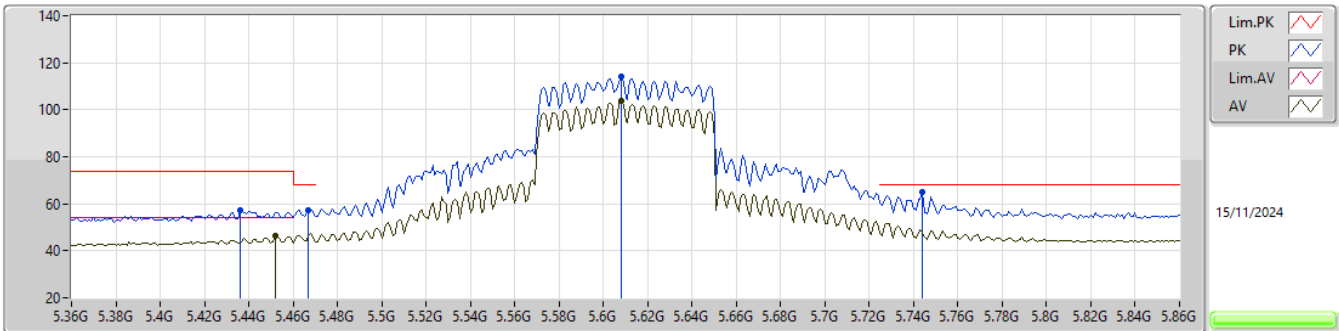
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5510MHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

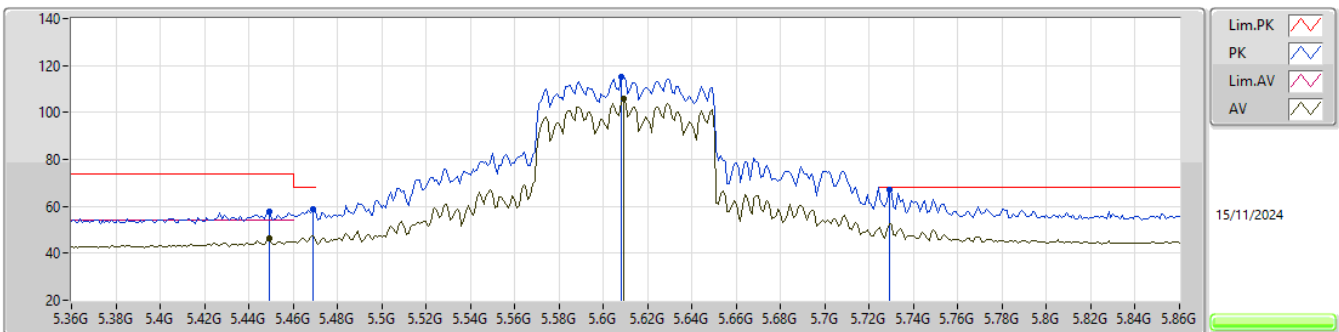
5610MHz_TX



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	5.452G	46.36	54.00	-7.64	-0.39	3	Vertical	320	1.35	46.75	33.10	4.71	38.20
AV	5.608G	103.56	Inf	-Inf	-0.02	3	Vertical	320	1.35	103.58	33.15	4.94	38.11
PK	5.436G	57.30	74.00	-16.70	-0.44	3	Vertical	320	1.35	57.74	33.07	4.69	38.20
PK	5.467G	57.19	68.20	-11.01	-0.34	3	Vertical	320	1.35	57.53	33.13	4.73	38.20
PK	5.608G	114.03	Inf	-Inf	-0.02	3	Vertical	320	1.35	114.05	33.15	4.94	38.11
PK	5.744G	65.03	68.20	-3.17	1.06	3	Vertical	320	1.35	63.97	34.08	4.98	38.00

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

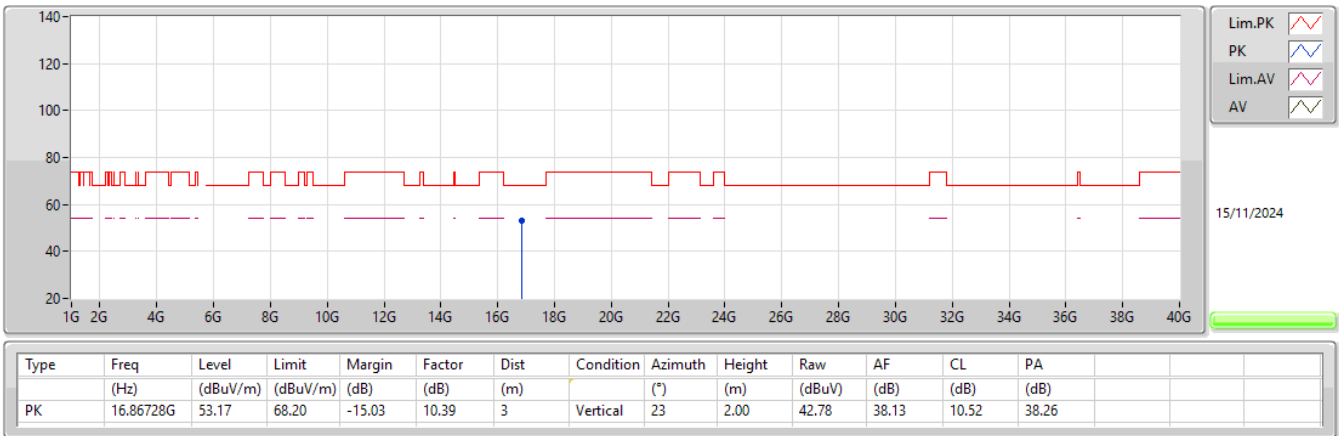
5610MHz_TX



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	5.449G	46.51	54.00	-7.49	-0.39	3	Horizontal	360	1.77	46.90	33.10	4.71	38.20
AV	5.609G	105.64	Inf	-Inf	-0.02	3	Horizontal	360	1.77	105.66	33.15	4.94	38.11
PK	5.449G	57.55	74.00	-16.45	-0.39	3	Horizontal	360	1.77	57.94	33.10	4.71	38.20
PK	5.469G	58.80	68.20	-9.40	-0.32	3	Horizontal	360	1.77	59.12	33.14	4.74	38.20
PK	5.608G	115.43	Inf	-Inf	-0.02	3	Horizontal	360	1.77	115.45	33.15	4.94	38.11
PK	5.729G	67.11	68.20	-1.09	0.98	3	Horizontal	360	1.77	66.13	34.02	4.97	38.01

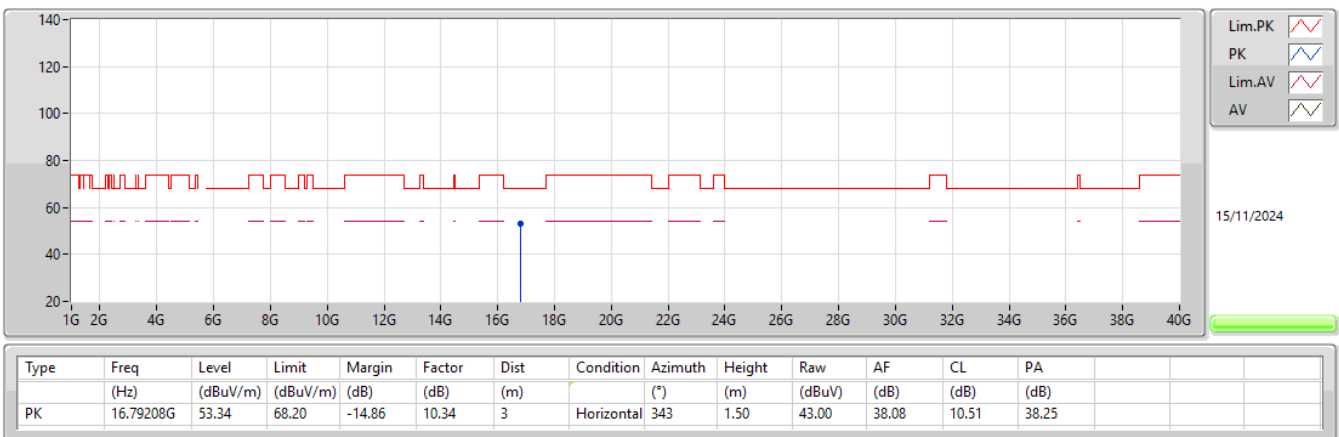
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5610MHz_TX



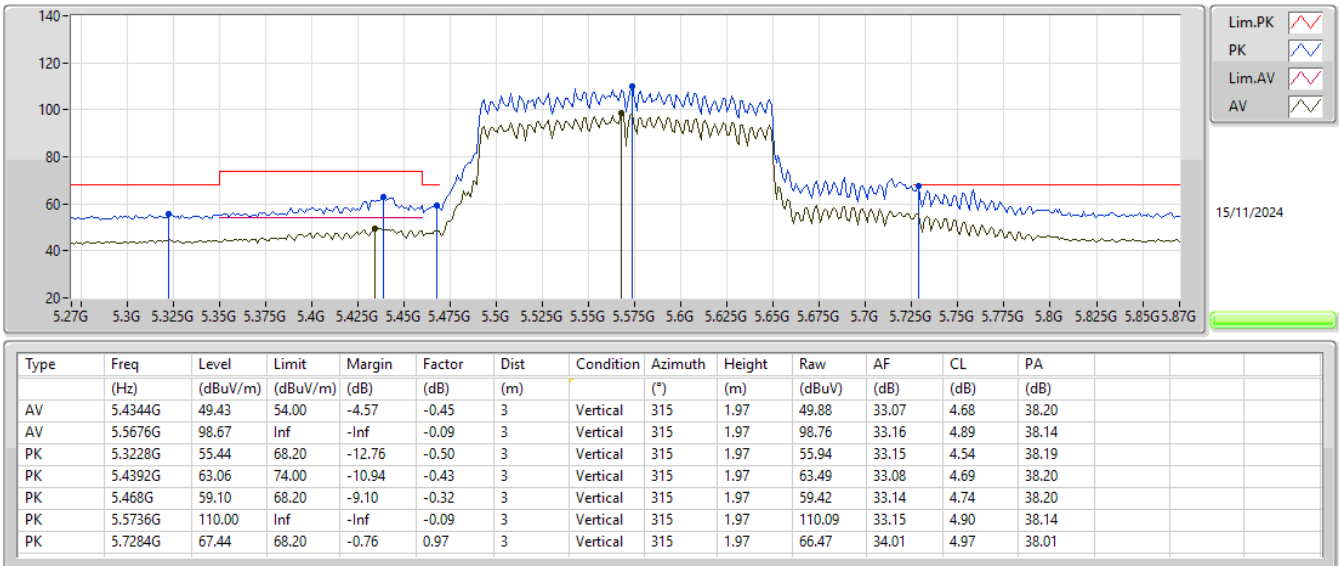
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5610MHz_TX



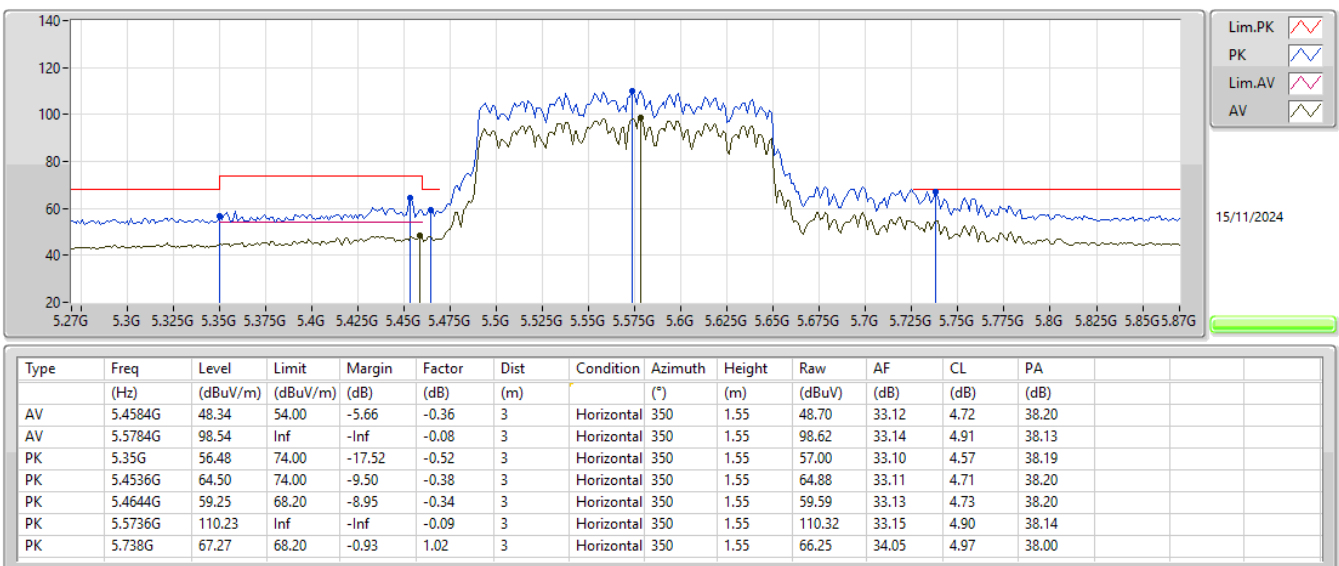
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5570MHz_TX



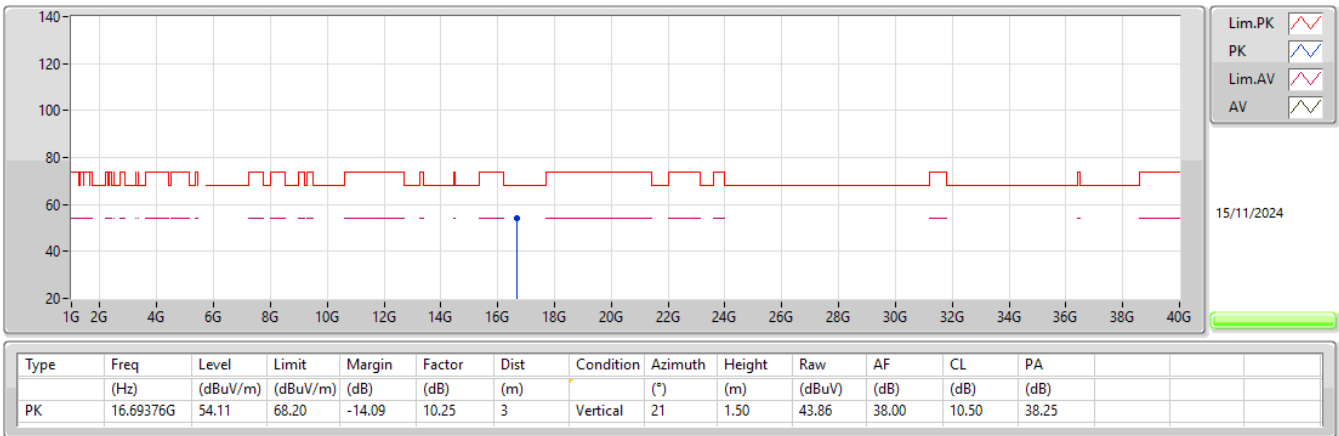
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX(Port1&Port3&Port4&Port5)

5570MHz_TX

