

FCC Radio Test Report

FCC ID : TVE-240602
Equipment : Secured Wireless Access Point
Brand Name : FORTINET
Model Name : FortiAP 243Kxxxxxxxxxx, FAP-243Kxxxxxxxxxx,
FORTIAP-243Kxxxxxxxxxx (Where "x" can be
used as "A-Z", or "0-9", or "-", or blank for
software changes or marketing purposes only)
Applicant : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Manufacturer : Fortinet, Inc.
909 Kifer Road, Sunnyvale, CA 94086, USA
Standard : 47 CFR FCC Part 15.407

The product was received on May 24, 2024, and testing was started from Jun. 01, 2024 and completed on Aug. 05, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(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: Barry Hsiao

Report Producer: Ann Hou



1 General Description

1.1 Information

Radio 3 (Scan radio) is only RX function.

1.1.1 RF General Information

Radio 2

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]
5725-5850		5745-5825	149-165 [5]
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]
5725-5850		5755-5795	151-159 [2]
5250-5350	ac (VHT80), ax (HEW80) be (EHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]
5470-5725		5570	114 [1]

Non-Beamforming

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

**Beamforming**

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

Radio 3 < Scan >

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]
5725-5850		5745-5825	149-165 [5]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
Straddle 5710		5710	142 [1]
5725-5850		5755-5795	151-159 [2]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]
Straddle 5690		5690	138 [1]
5725-5850		5775	155 [1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

**Non-Beamforming**

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.47-5.725GHz	802.11a	20	2TX
5.725-5.85GHz	802.11a	20	2TX
5.25-5.35GHz	802.11ax HEW 20	20	2TX
5.47-5.725GHz	802.11ax HEW 20	20	2TX
5.725-5.85GHz	802.11ax HEW 20	20	2TX
5.25-5.35GHz	802.11ax HEW 40	40	2TX
5.47-5.725GHz	802.11ax HEW 40	40	2TX
5.725-5.85GHz	802.11ax HEW 40	40	2TX
5.25-5.35GHz	802.11ax HEW 80	80	2TX
5.47-5.725GHz	802.11ax HEW 80	80	2TX
5.725-5.85GHz	802.11ax HEW 80	80	2TX
5.15-5.25GHz	802.11ax HEW 160	160	2TX
5.25-5.35GHz	802.11ax HEW 160	160	2TX
5.47-5.725GHz	802.11ax HEW 160	160	2TX

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80, VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80, HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80, EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.
- ♦ Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160/HEW20/HEW40/HEW80/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160. (Radio 2)
- ♦ Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160. (Radio 3)

1.1.2 Antenna Information

Group	Ant.	Brand	Model Name	Antenna Type	Connector	Support
A	1	AWAN	7102A0668000	Dipole	Reverse SMA	2.4G+5G
	2	AWAN	7102A0668000	Dipole	Reverse SMA	2.4G+5G
	3	AWAN	7102A0669000	Dipole	Reverse SMA	2.4G+5G+6G
	4	AWAN	7102A0669000	Dipole	Reverse SMA	2.4G+5G+6G
	5	AWAN	7102A0667000	Dipole	Reverse SMA	6G
	6	AWAN	7102A0667000	Dipole	Reverse SMA	6G
-	7	Enrack	7102A1239000	PIFA	I-Pex	BT+Zigbee
B	8	Master Wave	7102A1334000	Dipole	Reverse SMA	2.4G+5G
	9	Master Wave	7102A1334000	Dipole	Reverse SMA	2.4G+5G
	10	Master Wave	7102A1335000	Dipole	Reverse SMA	2.4G+5G+6G
	11	Master Wave	7102A1335000	Dipole	Reverse SMA	2.4G+5G+6G
	12	Master Wave	7102A1333000	Dipole	Reverse SMA	6G
	13	Master Wave	7102A1333000	Dipole	Reverse SMA	6G

Ant.	Port	Gain (dBi)					Remark	
		2.4G	5G	6G	BT	Zigbee		
1	1	3.53	5.51	-	-	-	Radio 1 2.4G only 2*2	Radio 2 5G 2*2
2	2	3.40	5.34	-	-	-		
3	1	3.27	5.21	5.32	-	-	Radio 3 (Scan radio) 2.4G/5G/6G 2*2	
4	2	3.47	5.05	5.10	-	-		
5	1	-	-	5.20	-	-	Radio 2 6G 2*2	
6	2	-	-	5.03	-	-		
7	1	-	-	-	4.82	4.82	-	
8	1	3.19	5.14	-	-	-	Radio 1 2.4G only 2*2	Radio 2 5G 2*2
9	2	3.27	5.13	-	-	-		
10	1	3.13	5.03	4.66	-	-	Radio 3 (Scan radio) 2.4G/5G/6G 2*2	
11	2	3.03	5.03	4.82	-	-		
12	1	-	-	5.01	-	-	Radio 2 6G 2*2	
13	2	-	-	4.89	-	-		

Note 1: The EUT has thirteen antennas.

Note 2: EUT can match with above antennas for using. Higher gain in each group of antennas was used to perform the worst configuration and result of that was recorded as the final test result.

Note 3: Directional gain information

	Maximum Output Power	Power Spectral Density
Non-BF	Directional gain = Max.gain + array gain. For power measurements on IEEE 802.11 devices Array Gain = 0 dB (i.e., no array gain) for N ANT ≤ 4	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left\{ \sum_{k=1}^{N_{ant}} S_{j,k} \right\}^2}{N_{ant}} \right]$
BF	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left\{ \sum_{k=1}^{N_{ant}} S_{j,k} \right\}^2}{N_{ant}} \right]$	$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{ant}} \left\{ \sum_{k=1}^{N_{ant}} S_{j,k} \right\}^2}{N_{ant}} \right]$

For 2.4GHz function:

< Radio 1>

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

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

< Radio 3><Scan>

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

Ant. 3 (port 1) and Ant. 4 (port 2) or Ant. 10 (port 1) and Ant. 11 (port 2) can be used as receiving.

For 5GHz function:

< Radio 2>

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

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

< Radio 3><Scan>

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

Ant. 3 (port 1) and Ant. 4 (port 2) or Ant. 10 (port 1) and Ant. 11 (port 2) can be used as receiving.

For 6GHz function:

< Radio 2>

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

Ant. 5 (port 1) and Ant. 6 (port 2) or Ant. 12 (port 1) and Ant. 13 (port 2) could transmit/receive simultaneously.

< Radio 3><Scan>

For IEEE 802.11 ax mode (2RX)

Ant. 3 (port 1) and Ant. 4 (port 2) or Ant. 10 (port 1) and Ant. 11 (port 2) can be used as receiving.

For Bluetooth function:

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

Only Ant.7 can be used as transmitting/receiving.

For Zigbee function:

For IEEE 802.15.4 mode (1TX/1RX)

Only Ant.7 can be used as transmitting/receiving.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / 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)
Channel puncturing	☐ Support	☒	Not support
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.4 Mode Test Duty Cycle

Non-Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11a_Nss1,(6Mbps)_2TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	1	0	n/a (DC>=0.98)	n/a (DC>=0.98)

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

1.1.5 Table for Multiple Listing

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

Brand Name	Model Name	Description
FORTINET	FortiAP 243Kxxxxxxxxx, FAP-243Kxxxxxxxxx, FORTIAP-243Kxxxxxxxxx (Where "x" can be used as "A-Z", or "0-9", or "-", or blank for software changes or marketing purposes only)	All the models are identical, the difference model served as marketing strategy.

From the above models, model: FAP-243K was selected as representative model for the test and its data was recorded in this report.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR411229-01AN

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 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.				
☒	Wenhua 3rd. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)		
		TEL: 886-3-327-0868		
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH25-HY	Lego Lin	21.4~22.7°C / 53~58%	01/Jun/2024~15/Jun/2024
RF Conducted (Non-Beamforming)	TH06-HY	Peng Huang	23.4~24.3°C / 51~55%	17/Jun/2024~22/Jun/2024
RF Conducted (Beamforming)	TH06-HY	Xun Hsieh	23.5~24.3°C / 52~55%	05/Aug/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	qdart_conn.win.1.0_installer_00099
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Non-Beamforming

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	18
5300MHz	18.5
5320MHz	18.5
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18.5
5720MHz Straddle 5.725-5.85GHz	18.5
802.11be EHT20_Nss1,(MCS0)_2TX	-
5260MHz	19.5
5300MHz	19.5
5320MHz	19.5
5500MHz	18
5580MHz	19.5
5700MHz	12.5
5720MHz Straddle 5.47-5.725GHz	19.5
5720MHz Straddle 5.725-5.85GHz	19.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
5270MHz	21.5
5310MHz	14
5510MHz	14
5550MHz	21
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	21.5
5710MHz Straddle 5.725-5.85GHz	21.5
802.11be EHT80_Nss1,(MCS0)_2TX	-
5290MHz	14
5530MHz	13.5



Mode	Power Setting
5610MHz	21
5690MHz Straddle 5.47-5.725GHz	21.5
5690MHz Straddle 5.725-5.85GHz	21.5
802.11be EHT160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	13
5250MHz Straddle 5.25-5.35GHz	13
5570MHz	10

Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	18.5
5300MHz	18.5
5320MHz	19
5500MHz	18
5580MHz	18.5
5700MHz	12.5
5720MHz Straddle 5.47-5.725GHz	18.5
5720MHz Straddle 5.725-5.85GHz	18.5
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	18.5
5310MHz	14
5510MHz	14
5550MHz	18
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	14
5530MHz	13.5
5610MHz	18.5
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	13
5250MHz Straddle 5.25-5.35GHz	13
5570MHz	10

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	Adapter mode		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT			V

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	Radio 1_2.4G+ Radio 2_5G+Bluetooth
2	Radio 1_2.4G+ Radio 2_5G+Zigbee
Refer to Sporton Test Report No.: FA411229-01 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
BRACKET,METAL CLIP CEILING,RVAQ-AP43	Brand Name	WNC	Model Name	6B.SRVAQ.00N
BRACKET,CEILING RAIL 1	Brand Name	WNC	Model Name	3S.005AL.111
BRACKET,CEILING RAIL 2	Brand Name	WNC	Model Name	3S.005AK.111
Antenna 1 for 2/5GHz*2	Brand Name	AWAN	Model Name	7102A0668000
Antenna 1 for 2/5/6GHz*2	Brand Name	AWAN	Model Name	7102A0669000
Antenna 1 for 6GHz*2	Brand Name	AWAN	Model Name	7102A0667000
Antenna 2 for 2/5GHz*2	Brand Name	Master Wave	Model Name	7102A1334000
Antenna 2 for 2/5/6GHz*2	Brand Name	Master Wave	Model Name	7102A1335000
Antenna 2.for 6GHz*2	Brand Name	Master Wave	Model Name	7102A1333000

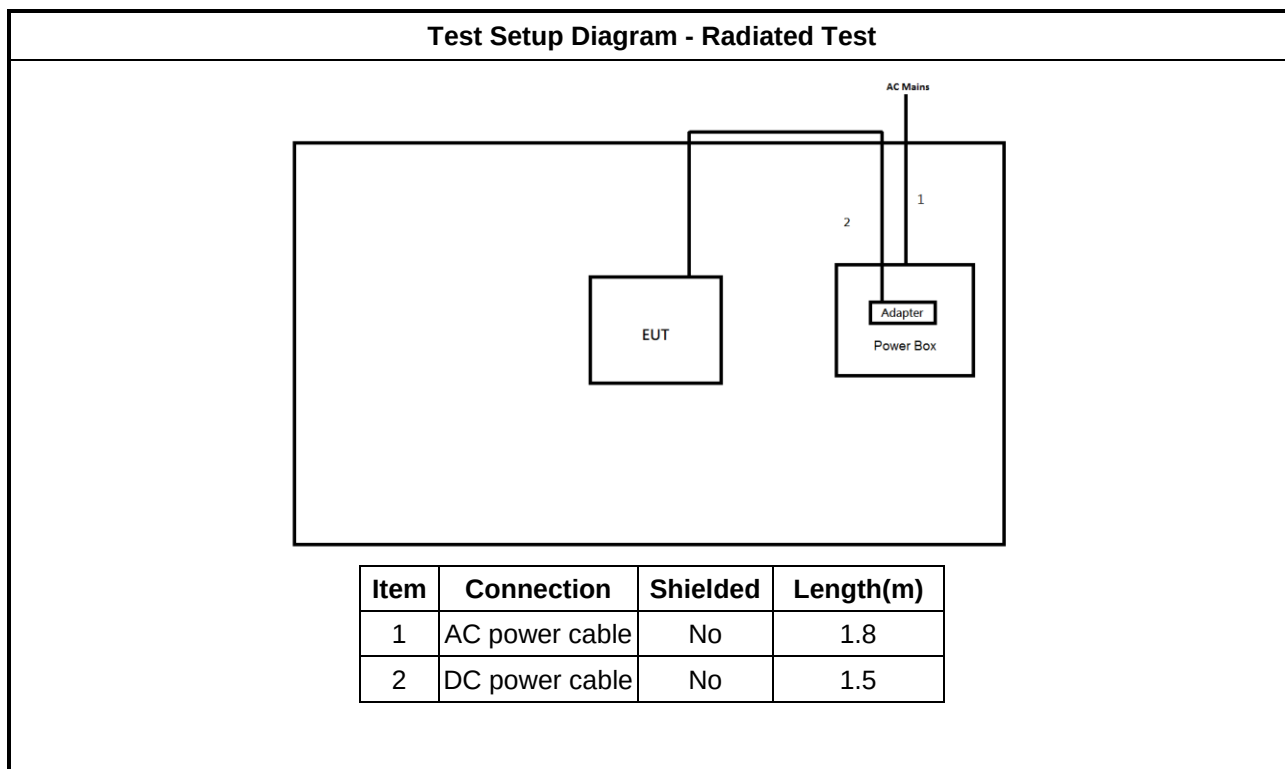
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	AC Adapter	ASIAN POWER DEVICES INC.	WA-48A12R	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Adapter	ASIAN POWER DEVICES INC.	WA-48A12R	-	Provided by Customer

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.

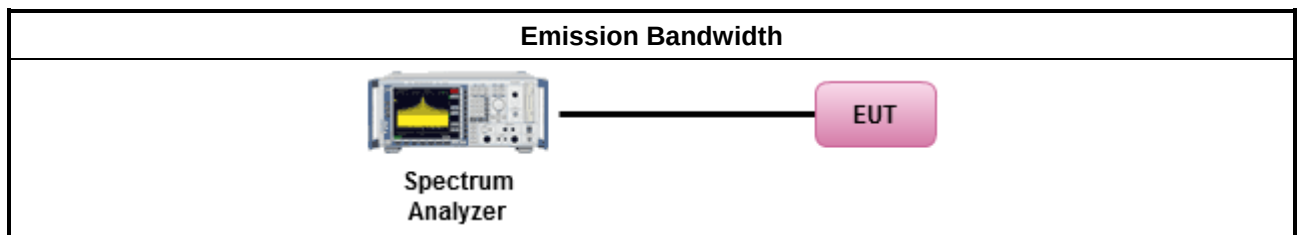
3.1.2 Measuring Instruments

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

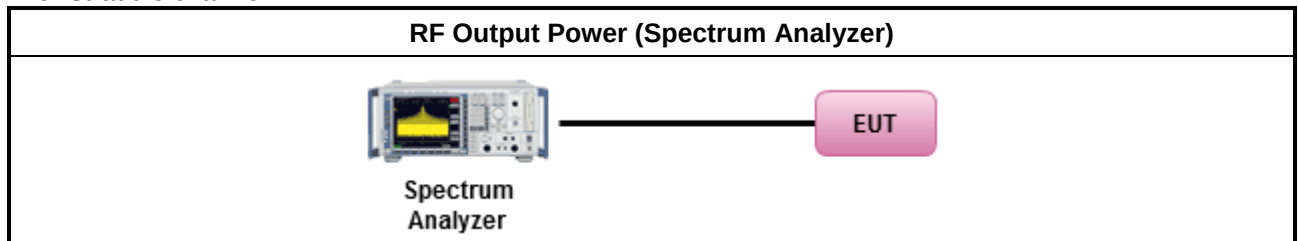
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

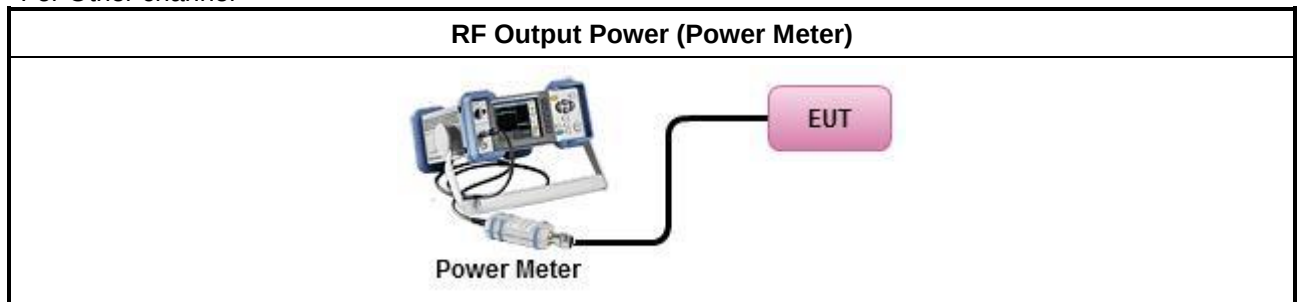
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

3.2.4 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.	

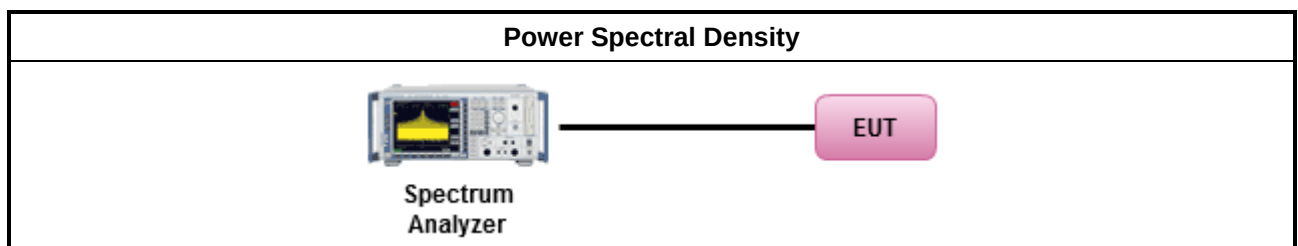
3.3.2 Measuring Instruments

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, F)5) 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

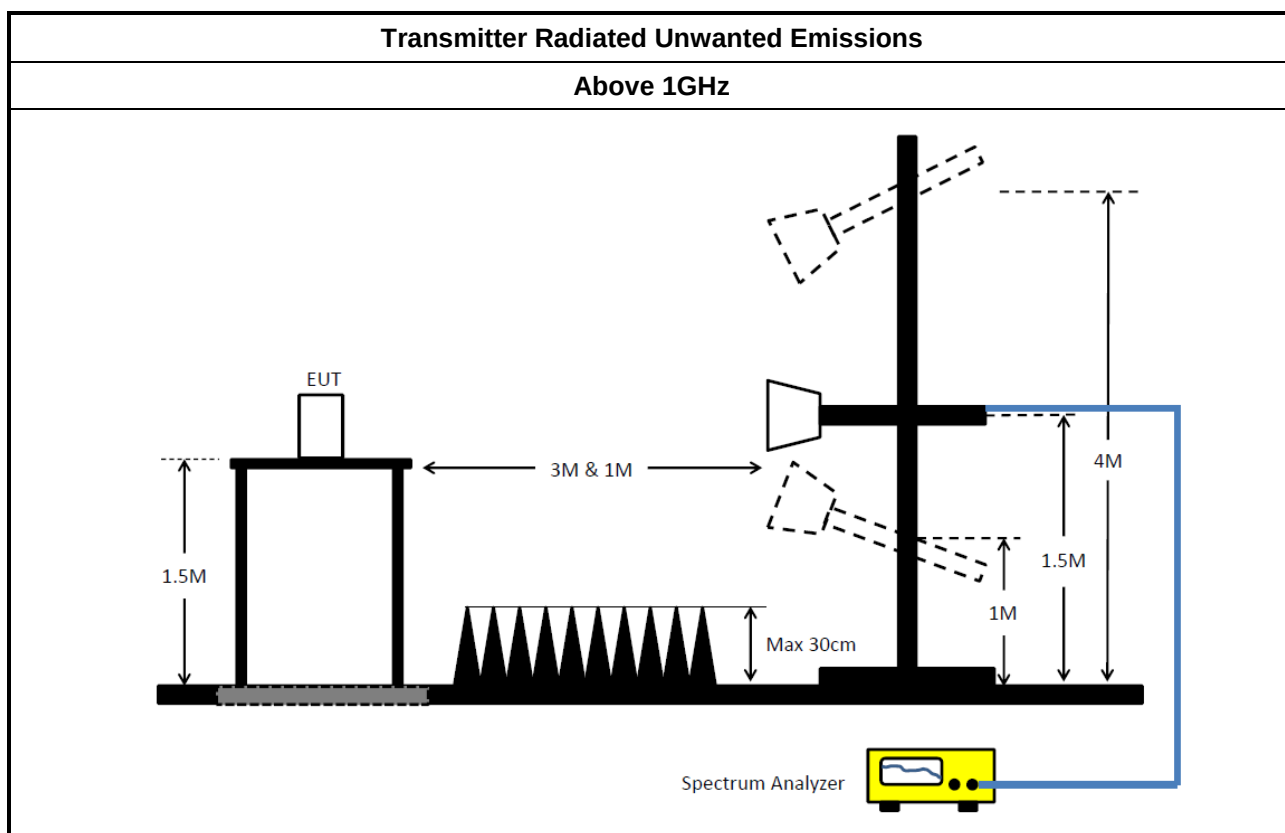
Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 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.	
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

3.4.4 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 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	30/Oct/2023	29/Oct/2024
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	20/Oct/2023	19/Oct/2024
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	01/Apr/2024	31/Mar/2025
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	02/Apr/2024	01/Apr/2025
SENSE-15407_NII	Sporton	V5.11.19	N/A	N/A	N/A	N/A

Instrument for Radiated Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	09/Aug/2023	08/Aug/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	12/Jul/2023	11/Jul/2024
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	21/Aug/2023	20/Aug/2024
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz ~18GHz	24/May/2024	23/May/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.18	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)_2TX	81.84M	77.439M	77M4D1D	80M	77.229M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.23M	16.756M	16M8D1D	19.635M	16.426M
802.11be EHT20_Nss1,(MCS0)_2TX	22.11M	19.145M	19M1D1D	20.625M	18.964M
802.11be EHT40_Nss1,(MCS0)_2TX	44M	38.021M	38M0D1D	40.37M	37.867M
802.11be EHT80_Nss1,(MCS0)_2TX	84.7M	77.577M	77M6D1D	80.52M	77.506M
802.11be EHT160_Nss1,(MCS0)_2TX	80.96M	77.578M	77M6D1D	80.24M	77.503M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.625M	16.712M	16M7D1D	14.655M	13.208M
802.11be EHT20_Nss1,(MCS0)_2TX	21.505M	19.109M	19M1D1D	15.615M	14.443M
802.11be EHT40_Nss1,(MCS0)_2TX	41.58M	38.36M	38M4D1D	35.7M	33.816M
802.11be EHT80_Nss1,(MCS0)_2TX	86.68M	77.753M	77M8D1D	75.45M	73.157M
802.11be EHT160_Nss1,(MCS0)_2TX	168.96M	156.802M	157MD1D	161.92M	156.428M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.28M	3.758M	3M76D1D	3.26M	3.498M
802.11be EHT20_Nss1,(MCS0)_2TX	4.6M	4.732M	4M73D1D	4.52M	4.568M
802.11be EHT40_Nss1,(MCS0)_2TX	4.12M	4.481M	4M48D1D	4.08M	4.435M
802.11be EHT80_Nss1,(MCS0)_2TX	4.1M	9.995M	10M00D1D	4.06M	7.861M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.23M	16.426M	19.8M	16.602M
5300MHz	Pass	Inf	19.635M	16.47M	20.845M	16.47M
5320MHz	Pass	Inf	20.405M	16.756M	20.35M	16.492M
5500MHz	Pass	Inf	20.625M	16.58M	19.635M	16.646M
5580MHz	Pass	Inf	20.185M	16.448M	19.965M	16.624M
5700MHz	Pass	Inf	19.855M	16.448M	20.35M	16.712M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.655M	13.298M	14.775M	13.208M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	3.498M	3.26M	3.758M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	22.11M	18.964M	21.01M	19.062M
5300MHz	Pass	Inf	20.9M	19.145M	20.625M	19.112M
5320MHz	Pass	Inf	20.845M	19.083M	20.735M	19.081M
5500MHz	Pass	Inf	21.395M	19.109M	21.505M	18.997M
5580MHz	Pass	Inf	20.68M	19.007M	21.34M	18.922M
5700MHz	Pass	Inf	20.735M	18.992M	20.79M	18.94M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	14.465M	15.615M	14.443M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.732M	4.6M	4.568M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	42.24M	37.953M	44M	37.961M
5310MHz	Pass	Inf	40.59M	37.867M	40.37M	38.021M
5510MHz	Pass	Inf	41.58M	37.762M	41.25M	38.192M
5550MHz	Pass	Inf	41.58M	37.838M	40.7M	37.914M
5670MHz	Pass	Inf	40.04M	37.86M	40.59M	38.36M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.05M	33.816M	35.7M	33.821M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.481M	4.12M	4.435M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	80.52M	77.506M	84.7M	77.577M
5530MHz	Pass	Inf	86.68M	77.091M	82.72M	77.753M
5610MHz	Pass	Inf	84.92M	77.558M	80.96M	77.639M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.45M	73.157M	77.7M	73.284M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	7.861M	4.06M	9.995M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.439M	81.84M	77.229M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.24M	77.578M	80.96M	77.503M
5570MHz	Pass	Inf	161.92M	156.802M	168.96M	156.428M

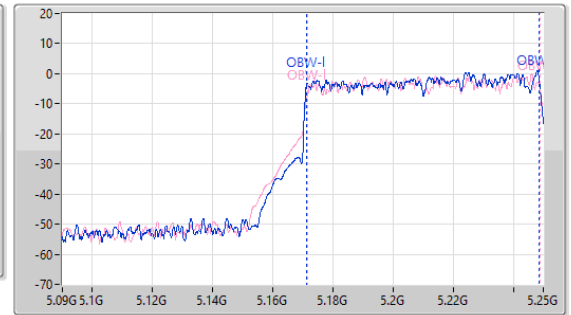
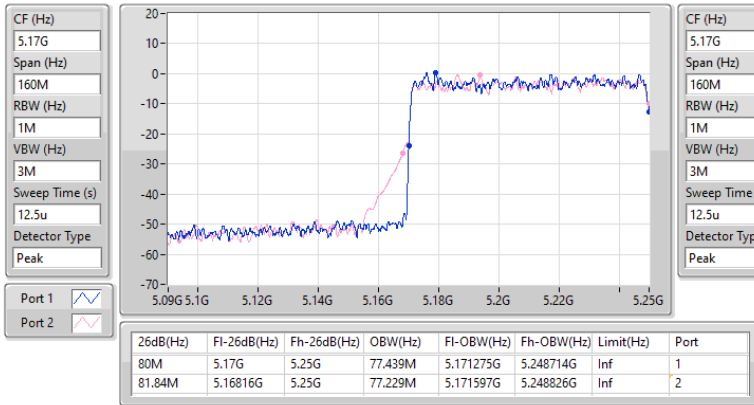
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5250MHz Straddle 5.15-5.25GHz

19/06/2024

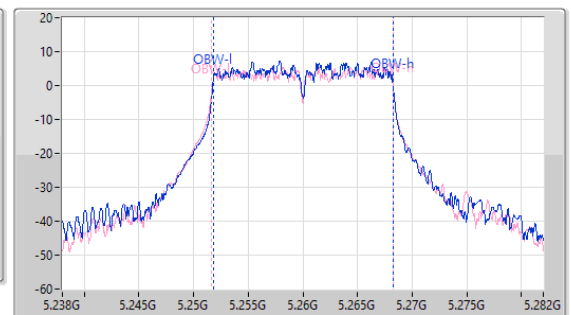
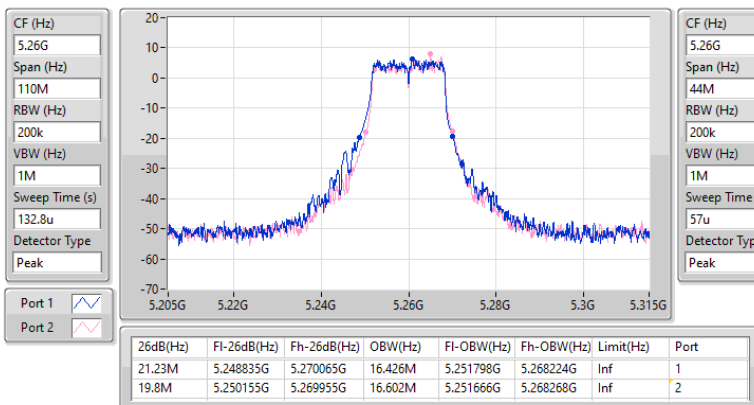


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

17/06/2024

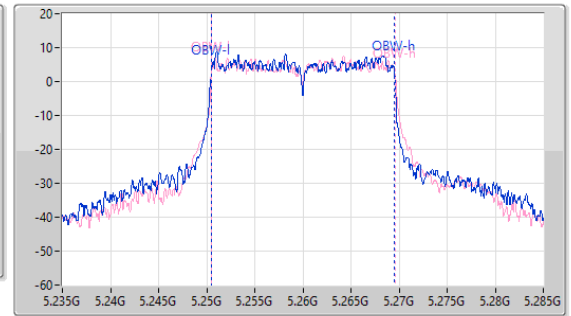
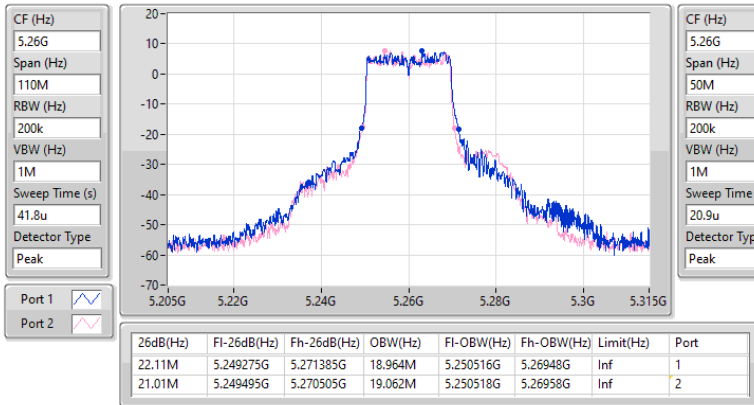


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

19/06/2024

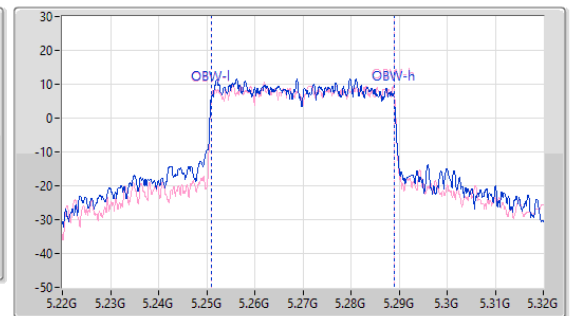
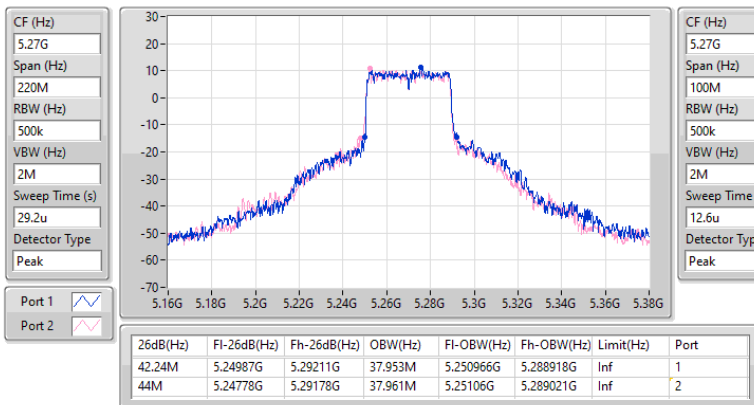


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5270MHz

19/06/2024

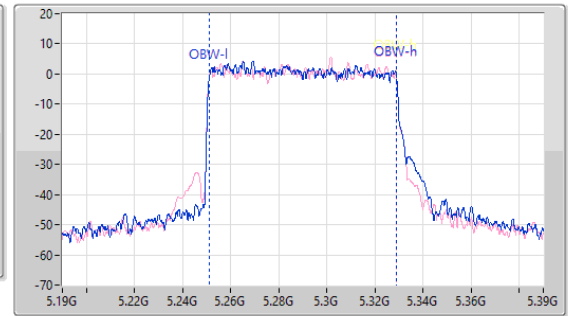
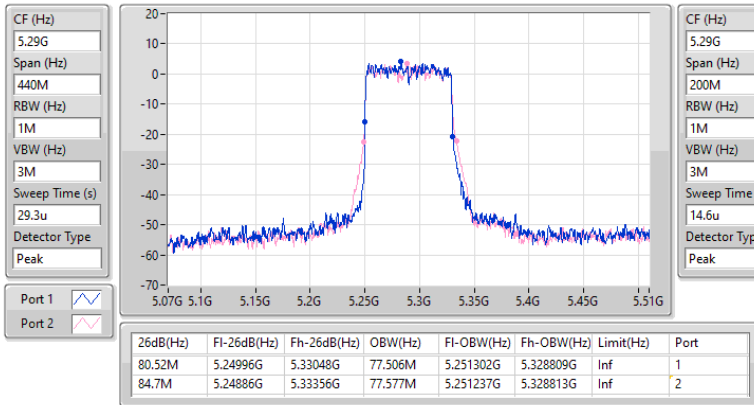


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5290MHz

19/06/2024

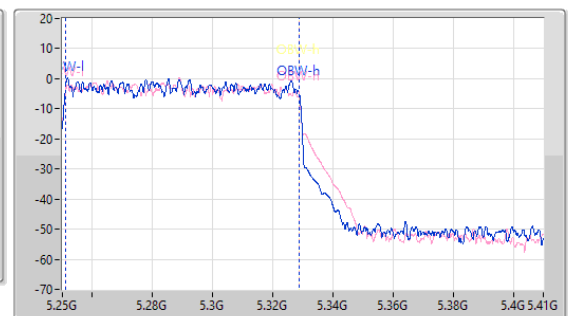
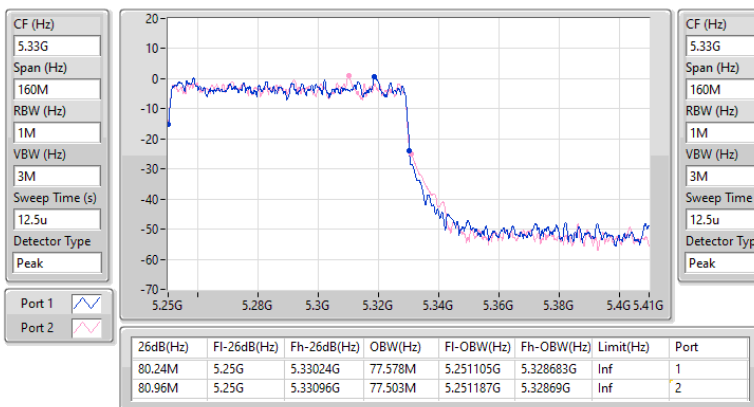


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5250MHz Straddle 5.25-5.35GHz

19/06/2024

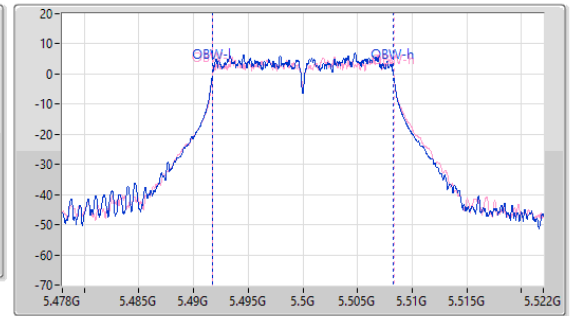
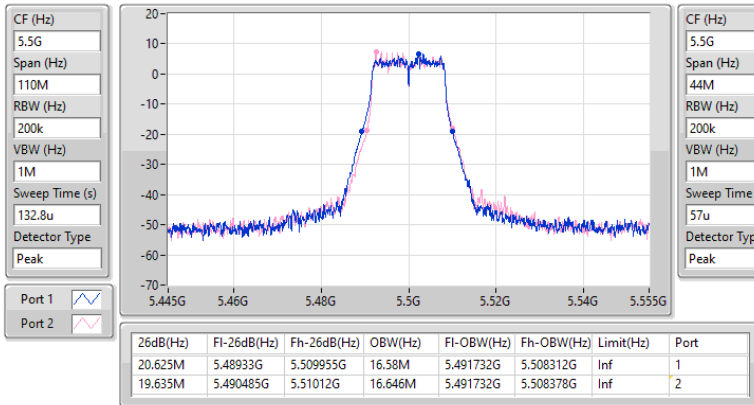


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5500MHz

17/06/2024

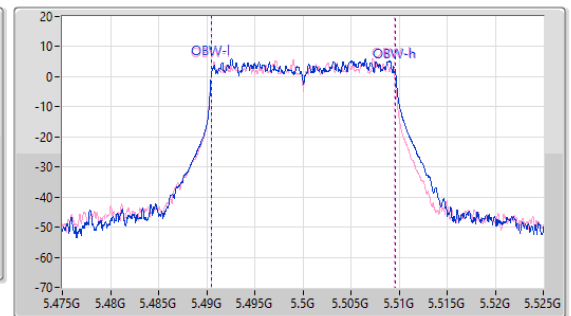
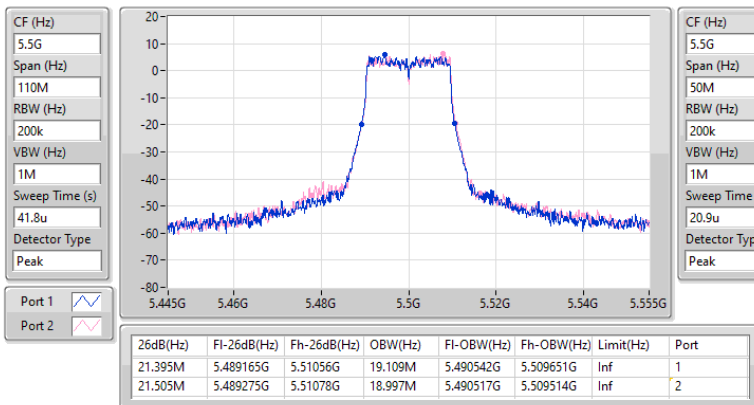


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

19/06/2024

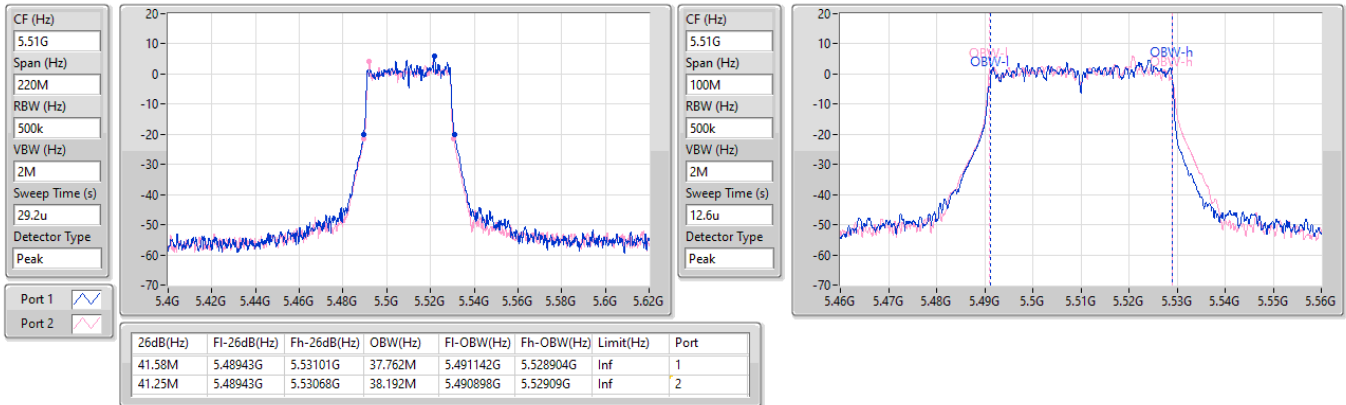


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5510MHz

19/06/2024

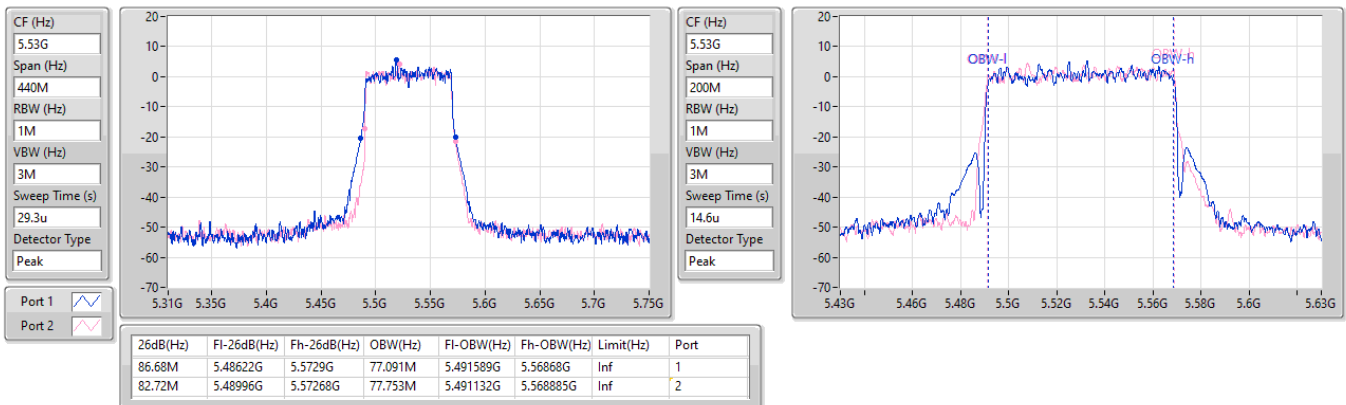


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

19/06/2024

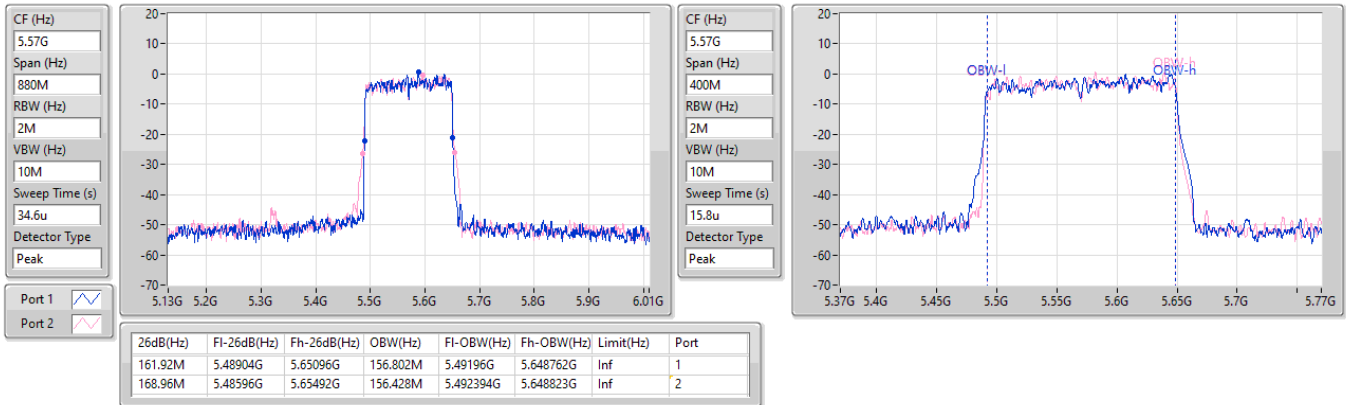


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

19/06/2024

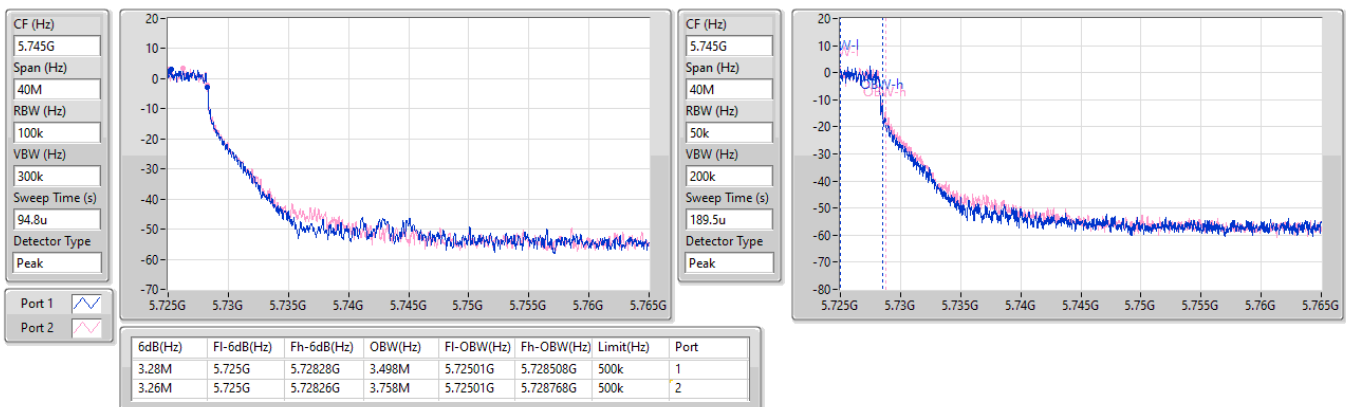


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2024

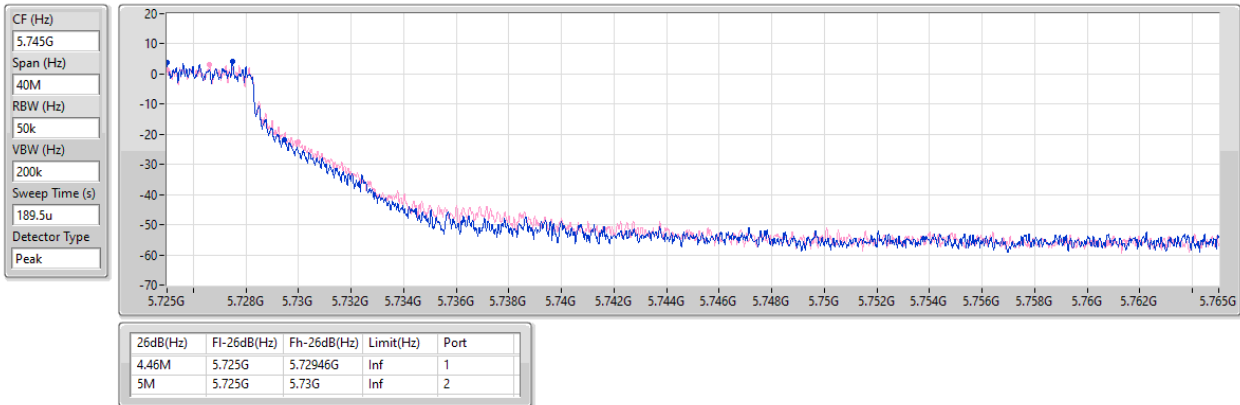


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2024

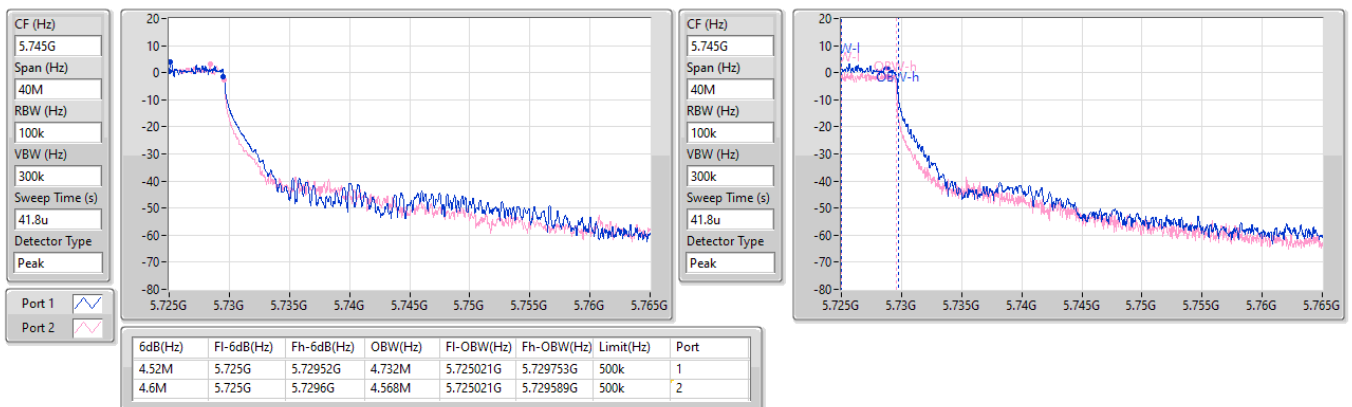


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

19/06/2024

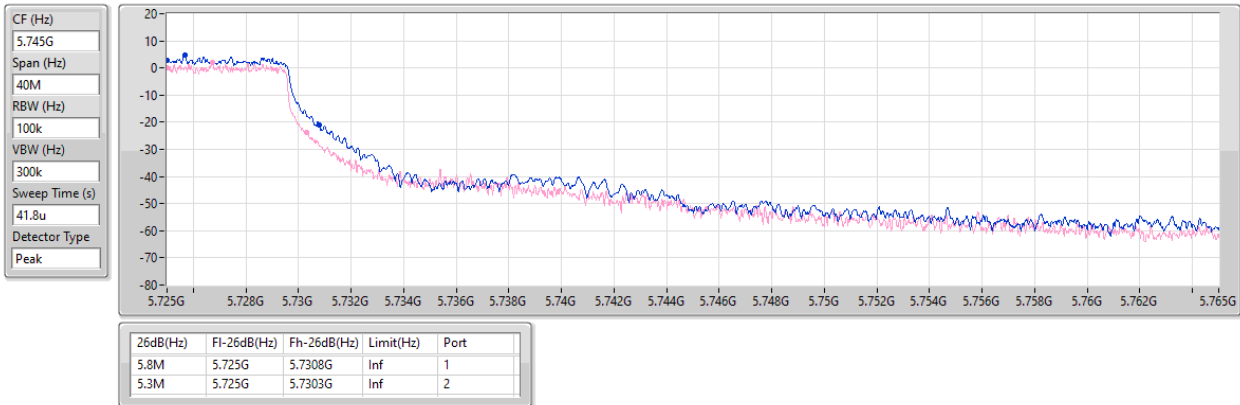


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

19/06/2024

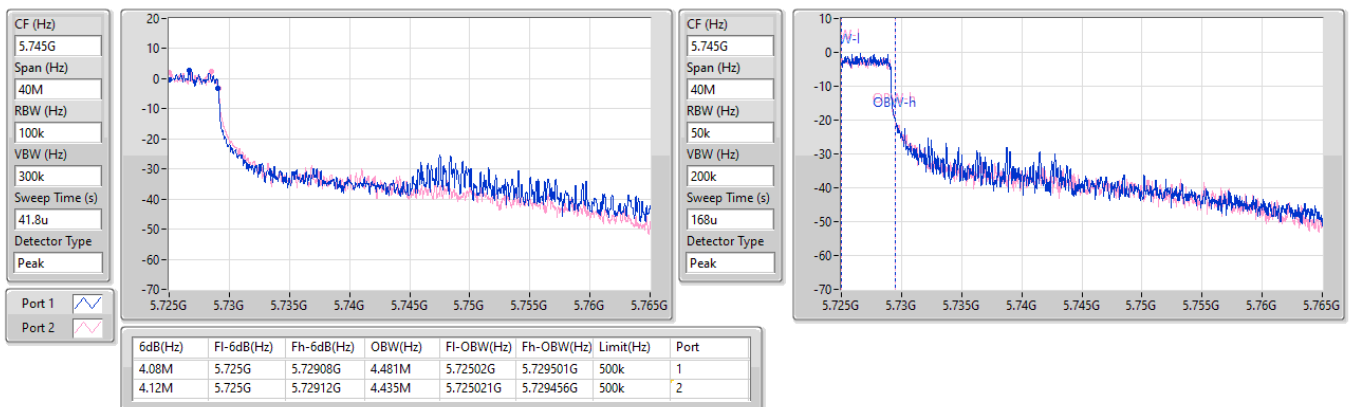


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

19/06/2024

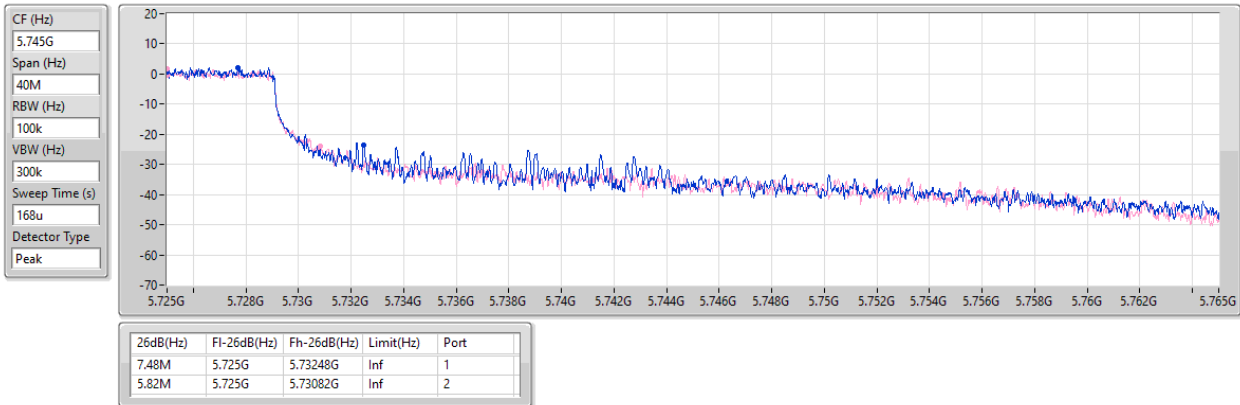


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

19/06/2024

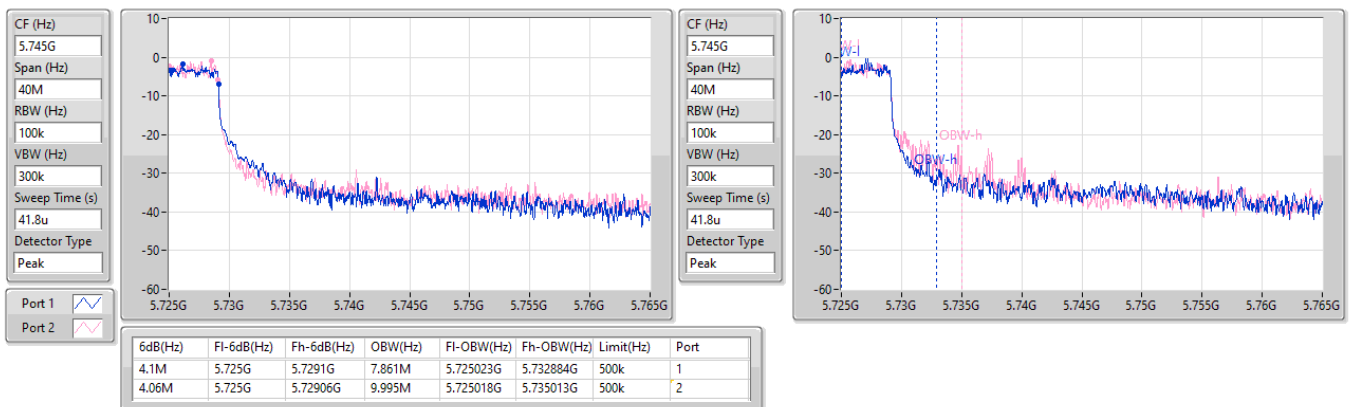


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

19/06/2024

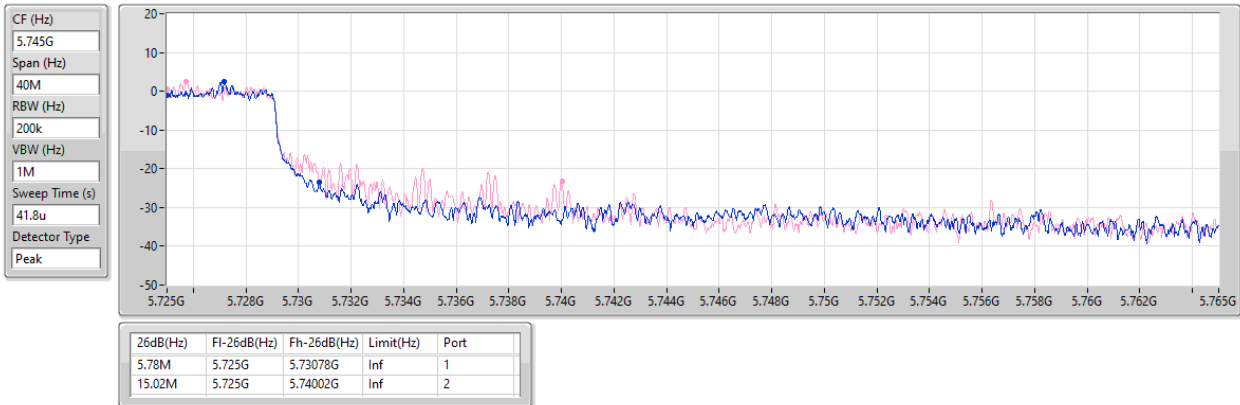


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

19/06/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	12.73	0.01875	18.24	0.06668
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.98	0.12531	26.49	0.44566
802.11be EHT20_Nss1,(MCS0)_2TX	21.95	0.15668	27.46	0.55719
802.11be EHT40_Nss1,(MCS0)_2TX	23.86	0.24322	29.37	0.86497
802.11be EHT80_Nss1,(MCS0)_2TX	17.15	0.05188	22.66	0.18450
802.11be EHT160_Nss1,(MCS0)_2TX	12.75	0.01884	18.26	0.06699
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.74	0.11858	26.25	0.42170
802.11be EHT20_Nss1,(MCS0)_2TX	21.99	0.15812	27.50	0.56234
802.11be EHT40_Nss1,(MCS0)_2TX	23.80	0.23988	29.31	0.85310
802.11be EHT80_Nss1,(MCS0)_2TX	23.94	0.24774	29.45	0.88105
802.11be EHT160_Nss1,(MCS0)_2TX	13.55	0.02265	19.06	0.08054
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	14.66	0.02924	20.17	0.10399
802.11be EHT20_Nss1,(MCS0)_2TX	15.85	0.03846	21.36	0.13677
802.11be EHT40_Nss1,(MCS0)_2TX	14.40	0.02754	19.91	0.09795
802.11be EHT80_Nss1,(MCS0)_2TX	11.17	0.01309	16.68	0.04656

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.51	17.99	17.66	20.84	23.97	26.35	29.97
5300MHz	Pass	5.51	18.08	17.75	20.93	23.93	26.44	29.93
5320MHz	Pass	5.51	18.18	17.75	20.98	23.98	26.49	30.00
5500MHz	Pass	5.51	17.80	17.64	20.73	23.93	26.24	29.93
5580MHz	Pass	5.51	17.90	17.55	20.74	23.98	26.25	30.00
5700MHz	Pass	5.51	17.82	17.51	20.68	23.98	26.19	29.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.51	17.61	17.25	20.44	22.66	25.95	28.66
5720MHz Straddle 5.725-5.85GHz	Pass	5.51	11.73	11.56	14.66	30.00	20.17	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.51	19.09	18.78	21.95	23.98	27.46	30.00
5300MHz	Pass	5.51	18.95	18.64	21.81	23.98	27.32	30.00
5320MHz	Pass	5.51	18.88	18.45	21.68	23.98	27.19	30.00
5500MHz	Pass	5.51	17.60	17.58	20.60	23.98	26.11	30.00
5580MHz	Pass	5.51	19.07	18.89	21.99	23.98	27.50	30.00
5700MHz	Pass	5.51	12.54	12.53	15.55	23.98	21.06	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.51	17.80	17.62	20.72	22.94	26.23	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	5.51	12.71	12.96	15.85	30.00	21.36	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.51	21.03	20.66	23.86	23.98	29.37	30.00
5310MHz	Pass	5.51	14.27	13.89	17.09	23.98	22.60	30.00
5510MHz	Pass	5.51	14.23	14.26	17.26	23.98	22.77	30.00
5550MHz	Pass	5.51	20.84	20.73	23.80	23.98	29.31	30.00
5670MHz	Pass	5.51	17.14	17.06	20.11	23.98	25.62	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.51	20.53	20.52	23.54	23.98	29.05	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.51	11.50	11.27	14.40	30.00	19.91	36.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.51	14.35	13.92	17.15	23.98	22.66	30.00
5530MHz	Pass	5.51	13.88	13.85	16.88	23.98	22.39	30.00
5610MHz	Pass	5.51	20.70	20.35	23.54	23.98	29.05	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.51	20.93	20.92	23.94	23.98	29.45	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.51	8.29	8.03	11.17	30.00	16.68	36.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.51	9.93	9.50	12.73	30.00	18.24	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.51	9.86	9.62	12.75	23.98	18.26	30.00
5570MHz	Pass	5.51	10.51	10.57	13.55	23.98	19.06	30.00

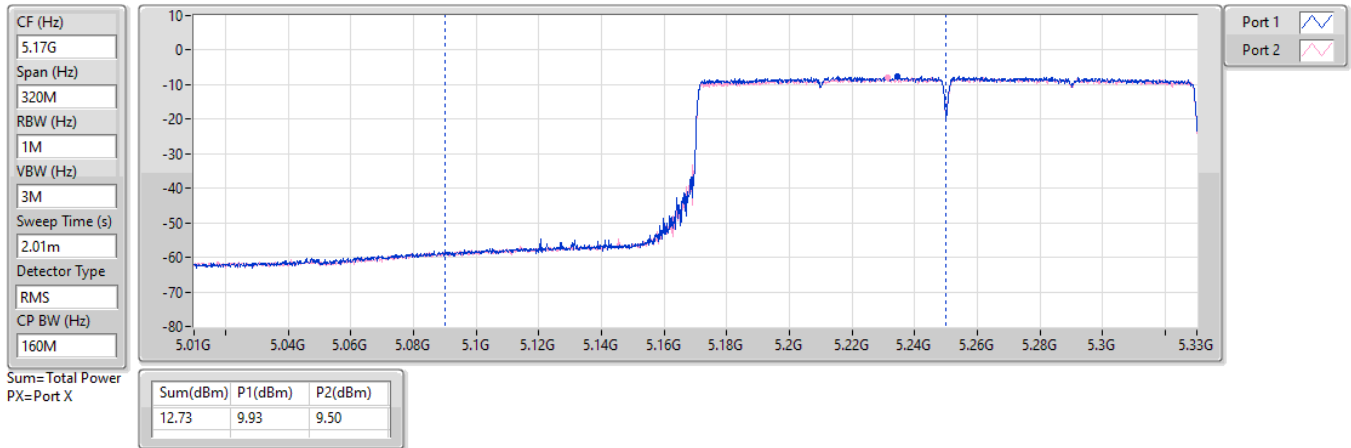
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

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

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

19/06/2024

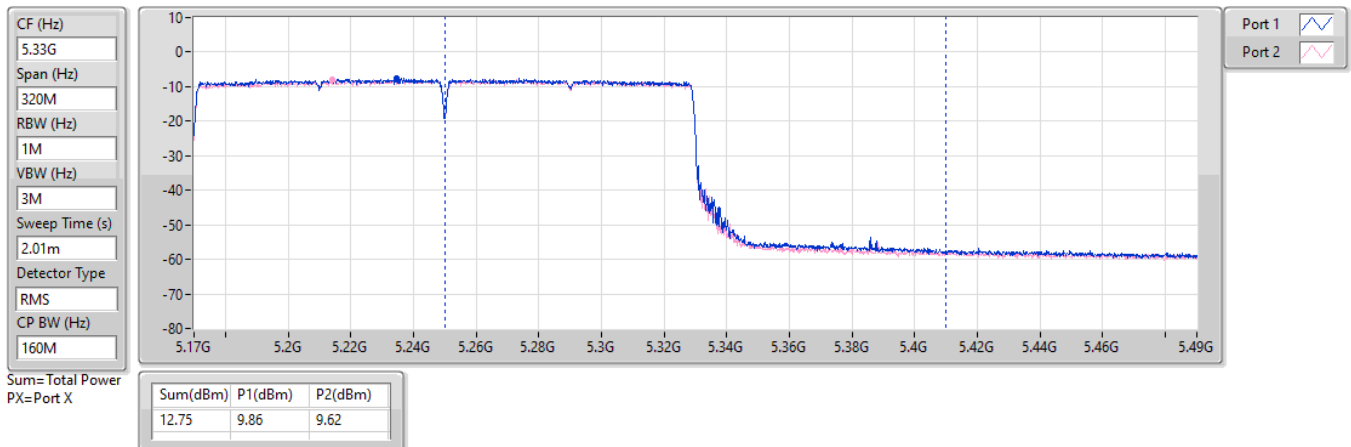


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

19/06/2024

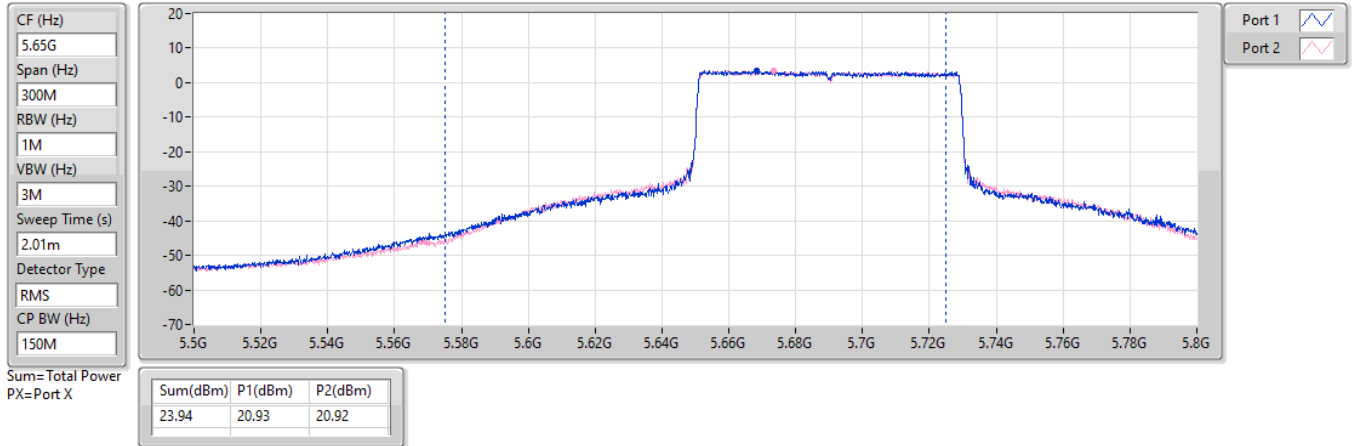


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

19/06/2024

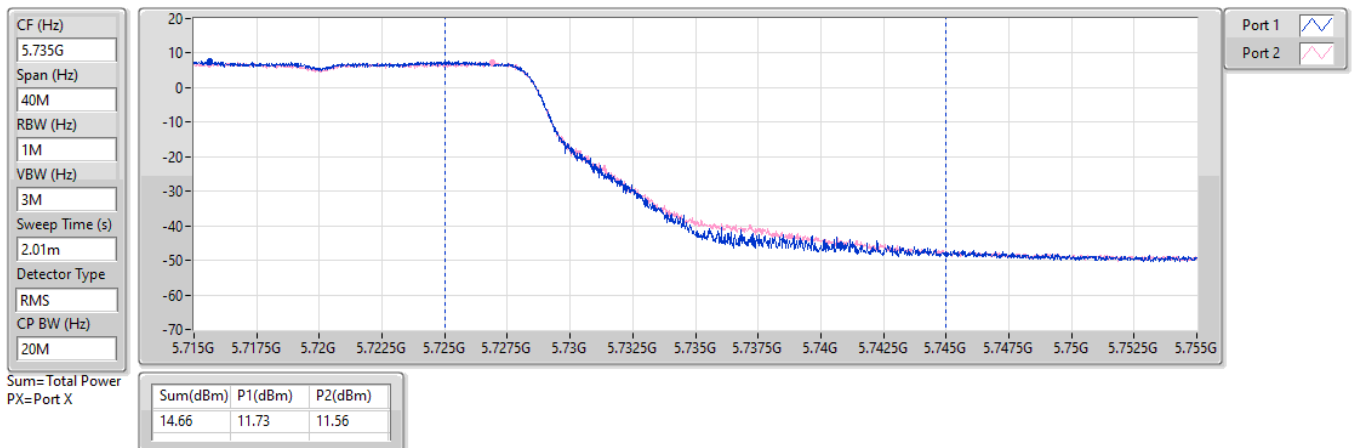


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

17/06/2024

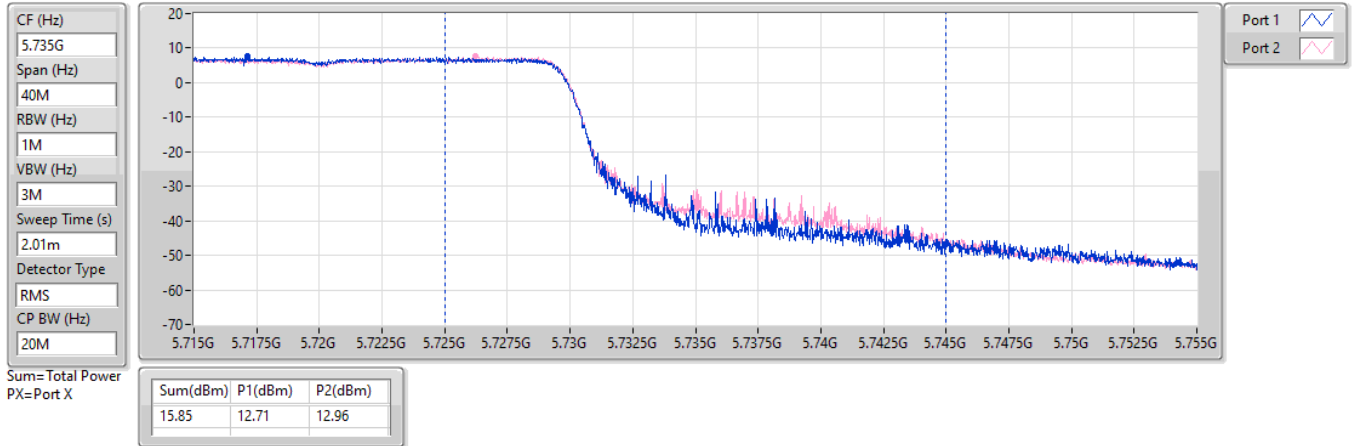


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

19/06/2024

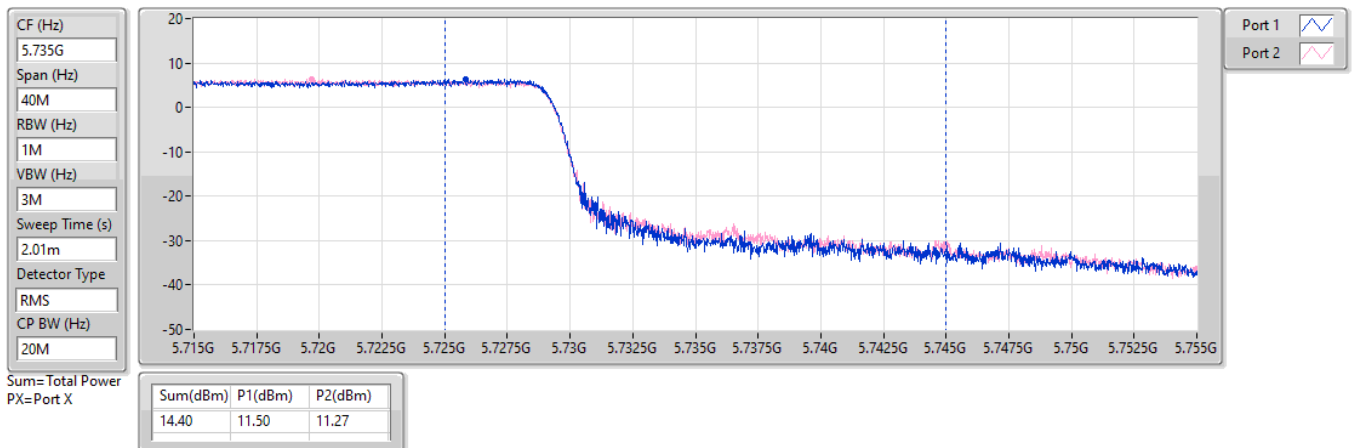


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

19/06/2024



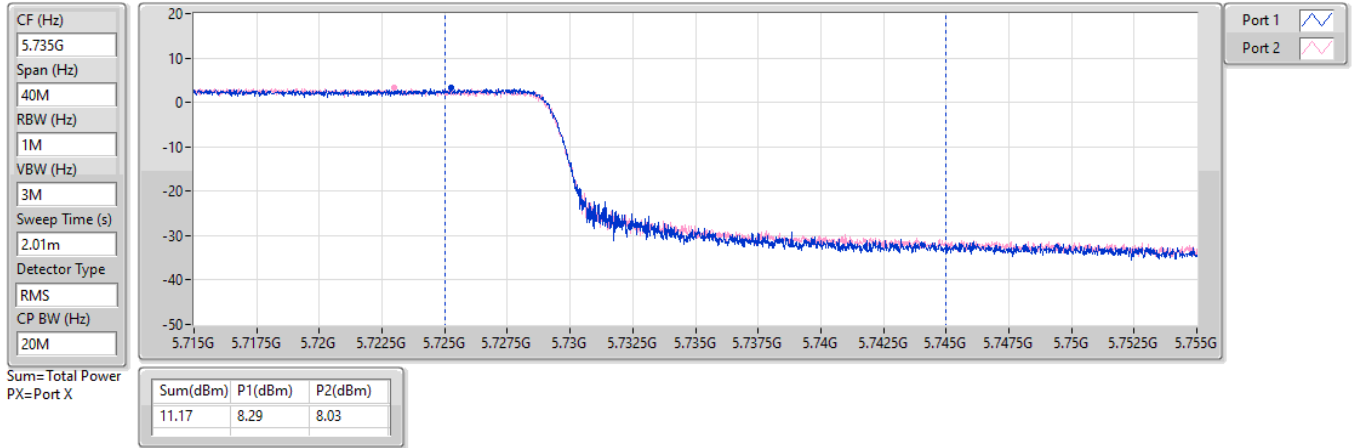


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

19/06/2024



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.82	0.30339	33.26	2.11836
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.92	0.31046	33.36	2.16770
802.11be EHT80-BF_Nss1,(MCS0)_2TX	17.38	0.05470	25.82	0.38194
802.11be EHT160-BF_Nss1,(MCS0)_2TX	12.54	0.01795	20.98	0.12531
5.25-5.35GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.03	0.12677	29.47	0.88512
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.83	0.12106	29.27	0.84528
802.11be EHT80-BF_Nss1,(MCS0)_2TX	17.03	0.05047	25.47	0.35237
802.11be EHT160-BF_Nss1,(MCS0)_2TX	12.38	0.01730	20.82	0.12078
5.47-5.725GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	20.87	0.12218	29.31	0.85310
802.11be EHT40-BF_Nss1,(MCS0)_2TX	20.69	0.11722	29.13	0.81846
802.11be EHT80-BF_Nss1,(MCS0)_2TX	20.92	0.12359	29.36	0.86298
802.11be EHT160-BF_Nss1,(MCS0)_2TX	13.43	0.02203	21.87	0.15382
5.725-5.85GHz	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	24.73	0.29717	33.17	2.07491
802.11be EHT40-BF_Nss1,(MCS0)_2TX	24.80	0.30200	33.24	2.10863
802.11be EHT80-BF_Nss1,(MCS0)_2TX	22.29	0.16943	30.73	1.18304

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.44	20.40	19.98	23.21	27.56	31.65	36.00
5200MHz	Pass	8.44	21.69	21.42	24.57	27.56	33.01	36.00
5240MHz	Pass	8.44	21.90	21.71	24.82	27.56	33.26	36.00
5260MHz	Pass	8.44	17.97	17.63	20.81	21.54	29.25	30.00
5300MHz	Pass	8.44	17.85	17.54	20.71	21.54	29.15	30.00
5320MHz	Pass	8.44	18.23	17.80	21.03	21.54	29.47	30.00
5500MHz	Pass	8.44	17.45	17.44	20.46	21.54	28.90	30.00
5580MHz	Pass	8.44	17.93	17.78	20.87	21.54	29.31	30.00
5700MHz	Pass	8.44	12.43	12.39	15.42	21.54	23.86	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.44	16.56	16.55	19.57	20.50	28.01	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	8.44	11.68	11.34	14.52	27.56	22.96	36.00
5745MHz	Pass	8.44	21.73	21.71	24.73	27.56	33.17	36.00
5785MHz	Pass	8.44	21.77	21.66	24.73	27.56	33.17	36.00
5825MHz	Pass	8.44	21.52	21.46	24.50	27.56	32.94	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.44	14.55	14.42	17.50	27.56	25.94	36.00
5230MHz	Pass	8.44	22.03	21.78	24.92	27.56	33.36	36.00
5270MHz	Pass	8.44	18.00	17.64	20.83	21.54	29.27	30.00
5310MHz	Pass	8.44	14.12	13.77	16.96	21.54	25.40	30.00
5510MHz	Pass	8.44	14.10	14.14	17.13	21.54	25.57	30.00
5550MHz	Pass	8.44	17.73	17.63	20.69	21.54	29.13	30.00
5670MHz	Pass	8.44	17.03	16.92	19.99	21.54	28.43	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.44	17.40	17.16	20.29	21.54	28.73	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.44	8.20	8.20	11.21	27.56	19.65	36.00
5755MHz	Pass	8.44	21.79	21.79	24.80	27.56	33.24	36.00
5795MHz	Pass	8.44	21.69	21.60	24.66	27.56	33.10	36.00
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.44	14.47	14.27	17.38	27.56	25.82	36.00
5290MHz	Pass	8.44	14.24	13.78	17.03	21.54	25.47	30.00
5530MHz	Pass	8.44	13.78	13.70	16.75	21.54	25.19	30.00
5610MHz	Pass	8.44	18.08	17.74	20.92	21.54	29.36	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.44	17.81	17.69	20.76	21.54	29.20	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.44	4.59	4.78	7.70	27.56	16.14	36.00
5775MHz	Pass	8.44	19.21	19.34	22.29	27.56	30.73	36.00
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.44	9.60	9.45	12.54	27.56	20.98	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.44	9.47	9.27	12.38	21.54	20.82	30.00
5570MHz	Pass	8.44	10.38	10.46	13.43	21.54	21.87	30.00

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

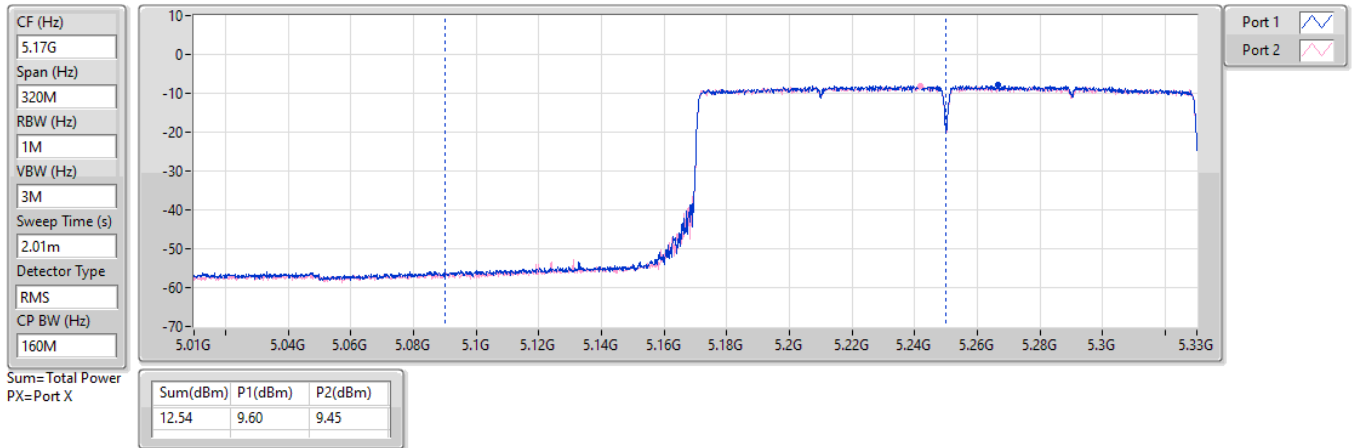


5.15-5.25GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

05/08/2024

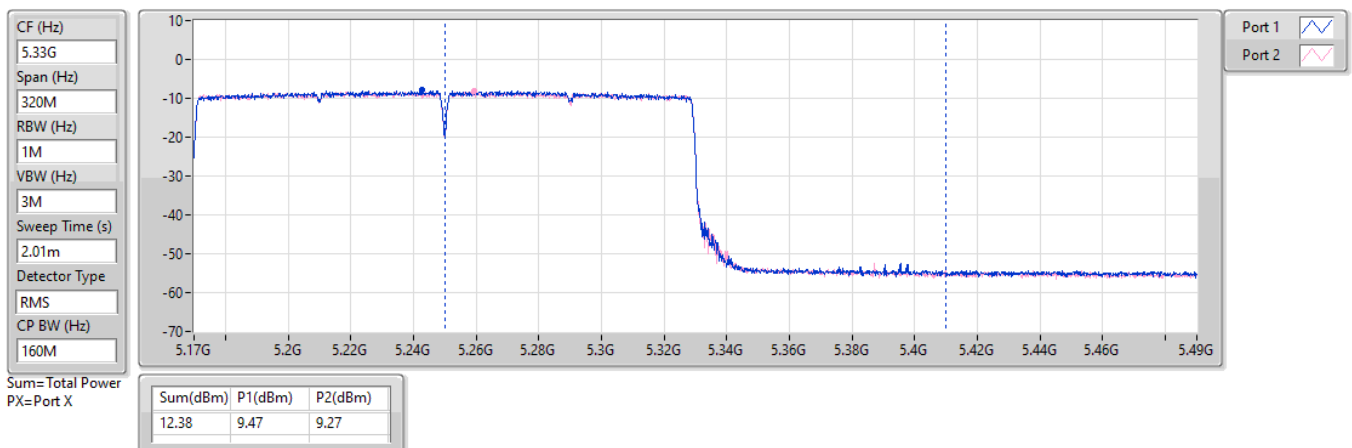


5.25-5.35GHz_802.11be EHT160-BF_Nss1,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

05/08/2024



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	-6.98	1.46
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.47	16.91
802.11be EHT20_Nss1,(MCS0)_2TX	8.42	16.86
802.11be EHT40_Nss1,(MCS0)_2TX	7.55	15.99
802.11be EHT80_Nss1,(MCS0)_2TX	-2.88	5.56
802.11be EHT160_Nss1,(MCS0)_2TX	-6.98	1.46
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.36	16.80
802.11be EHT20_Nss1,(MCS0)_2TX	8.34	16.78
802.11be EHT40_Nss1,(MCS0)_2TX	7.45	15.89
802.11be EHT80_Nss1,(MCS0)_2TX	4.38	12.82
802.11be EHT160_Nss1,(MCS0)_2TX	-9.84	-1.40
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	6.86	15.30
802.11be EHT20_Nss1,(MCS0)_2TX	6.59	15.03
802.11be EHT40_Nss1,(MCS0)_2TX	5.58	14.02
802.11be EHT80_Nss1,(MCS0)_2TX	2.36	10.80

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.44	5.43	5.00	8.20	8.56	16.64	17.00
5300MHz	Pass	8.44	5.55	5.19	8.34	8.56	16.78	17.00
5320MHz	Pass	8.44	5.70	5.32	8.47	8.56	16.91	17.00
5500MHz	Pass	8.44	5.20	5.15	8.17	8.56	16.61	17.00
5580MHz	Pass	8.44	5.31	5.15	8.18	8.56	16.62	17.00
5700MHz	Pass	8.44	5.39	4.94	8.07	8.56	16.51	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.44	5.69	5.20	8.36	8.56	16.80	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.44	4.07	3.92	6.86	27.56	15.30	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.44	5.61	5.25	8.42	8.56	16.86	17.00
5300MHz	Pass	8.44	5.30	4.93	8.12	8.56	16.56	17.00
5320MHz	Pass	8.44	5.43	4.99	8.21	8.56	16.65	17.00
5500MHz	Pass	8.44	3.99	4.03	7.01	8.56	15.45	17.00
5580MHz	Pass	8.44	5.39	5.39	8.34	8.56	16.78	17.00
5700MHz	Pass	8.44	-1.60	-1.49	1.45	8.56	9.89	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.44	5.15	5.17	8.15	8.56	16.59	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.44	3.48	3.77	6.59	27.56	15.03	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.44	4.79	4.30	7.55	8.56	15.99	17.00
5310MHz	Pass	8.44	-2.65	-3.10	0.11	8.56	8.55	17.00
5510MHz	Pass	8.44	-2.51	-2.63	0.41	8.56	8.85	17.00
5550MHz	Pass	8.44	4.62	4.33	7.45	8.56	15.89	17.00
5670MHz	Pass	8.44	0.54	0.41	3.42	8.56	11.86	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.44	4.45	4.37	7.35	8.56	15.79	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.44	2.74	2.48	5.58	27.56	14.02	36.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.44	-5.62	-6.11	-2.88	8.56	5.56	17.00
5530MHz	Pass	8.44	-5.90	-6.03	-3.01	8.56	5.43	17.00
5610MHz	Pass	8.44	0.94	0.76	3.71	8.56	12.15	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.44	1.49	1.50	4.38	8.56	12.82	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.44	-0.48	-0.75	2.36	27.56	10.80	36.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.44	-9.79	-10.17	-6.98	14.56	1.46	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.44	-9.84	-10.14	-6.98	8.56	1.46	17.00
5570MHz	Pass	8.44	-12.82	-12.69	-9.84	8.56	-1.40	17.00

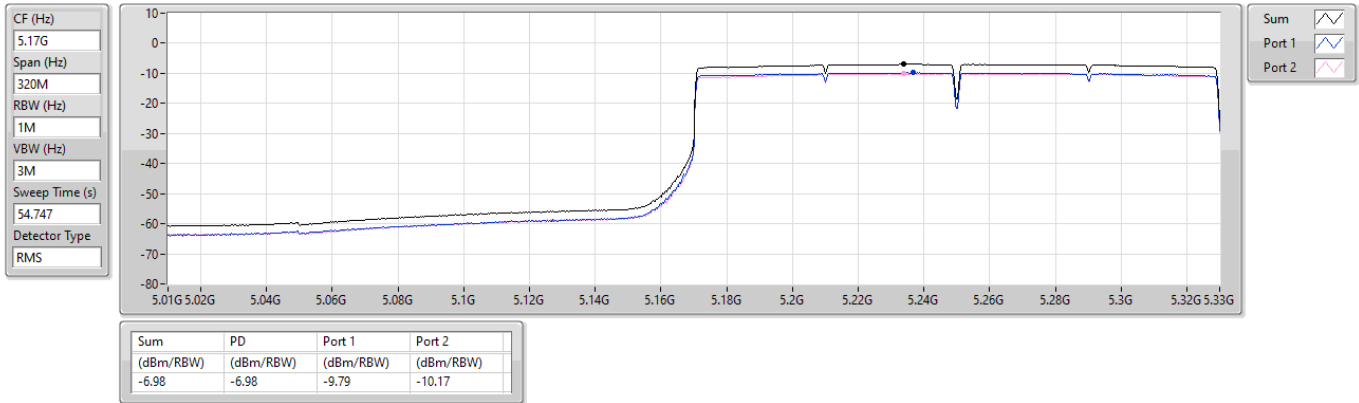
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
 Inf = There's no restriction for the limit.

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

PSD

5250MHz Straddle 5.15-5.25GHz

19/06/2024

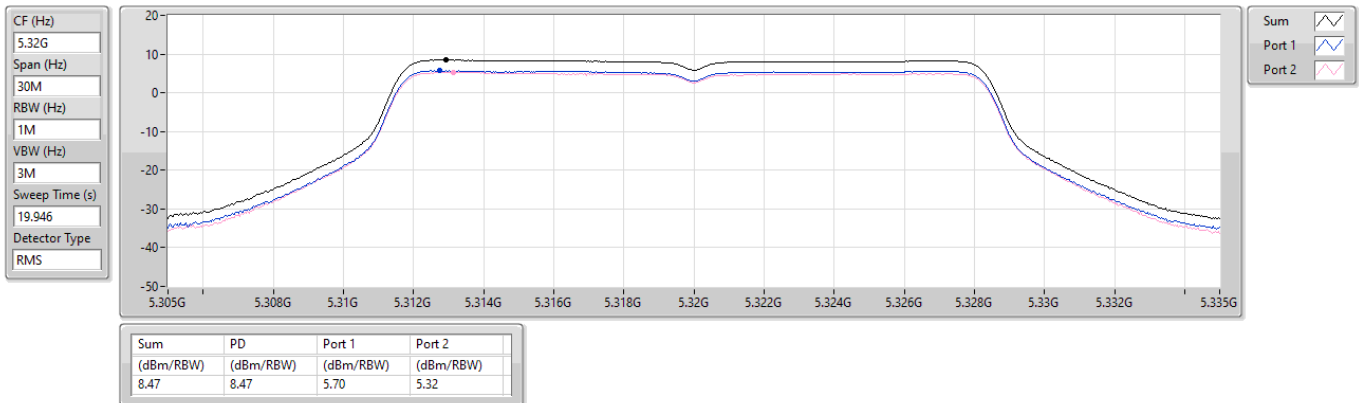


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

17/06/2024



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

PSD

5260MHz

19/06/2024

CF (Hz)
5.26G

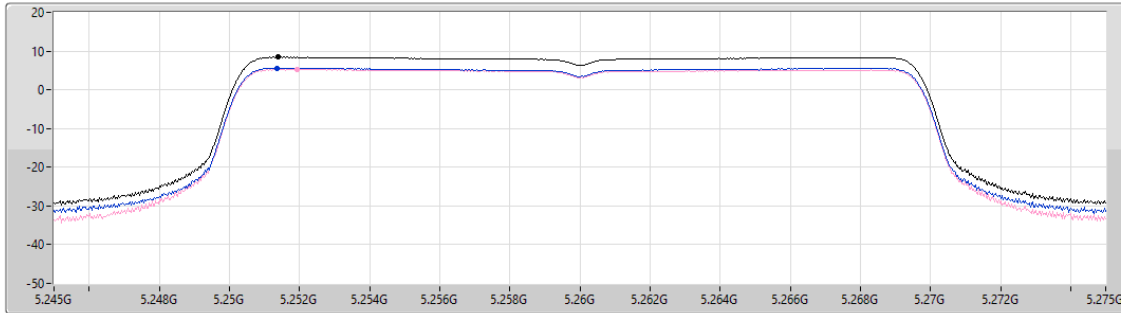
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.747

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	5.61	5.25

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

PSD

5270MHz

19/06/2024

CF (Hz)
5.27G

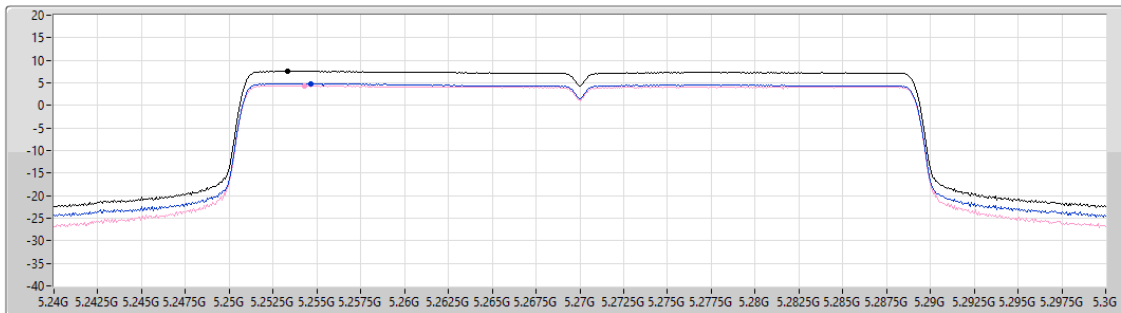
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.75

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	4.79	4.30

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

PSD

5290MHz

19/06/2024

CF (Hz)
5.29G

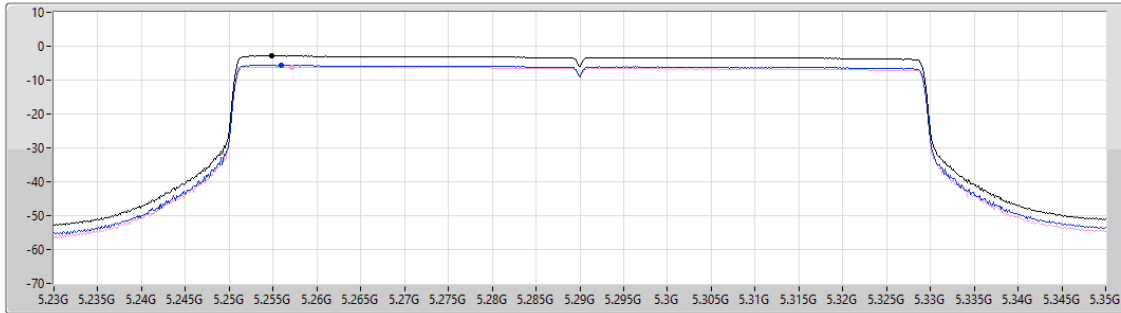
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.747

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.88	-2.88	-5.62	-6.11

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

PSD

5250MHz Straddle 5.25-5.35GHz

19/06/2024

CF (Hz)
5.33G

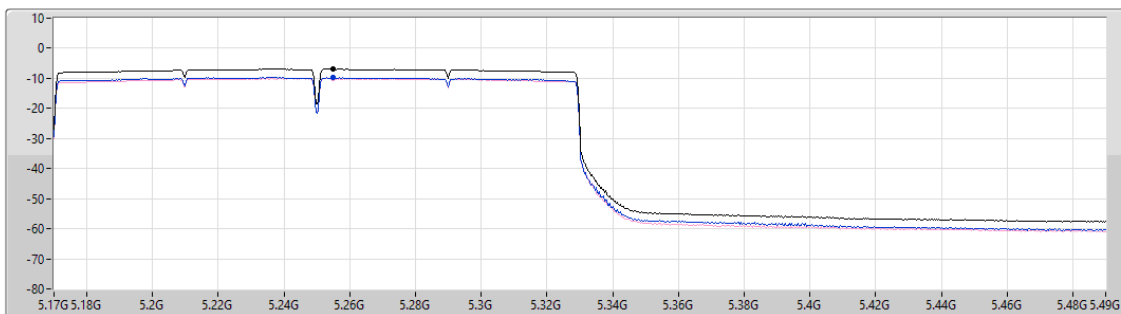
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.747

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

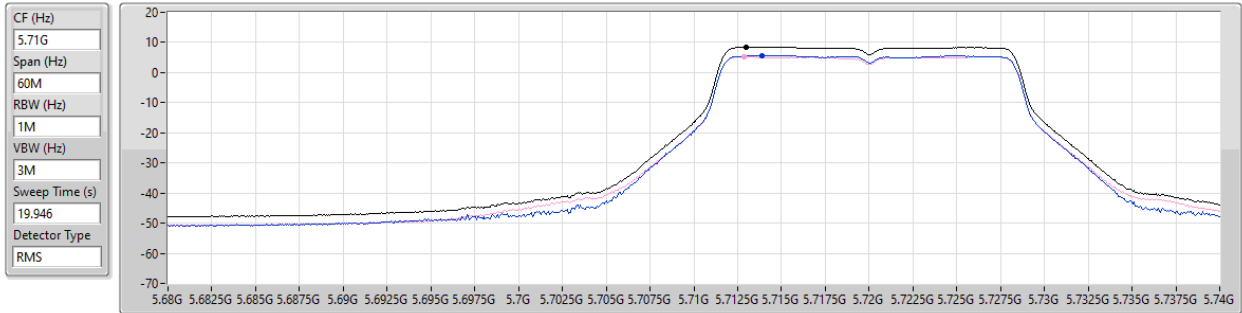
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.98	-6.98	-9.84	-10.14

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

PSD

5720MHz Straddle 5.47-5.725GHz

17/06/2024



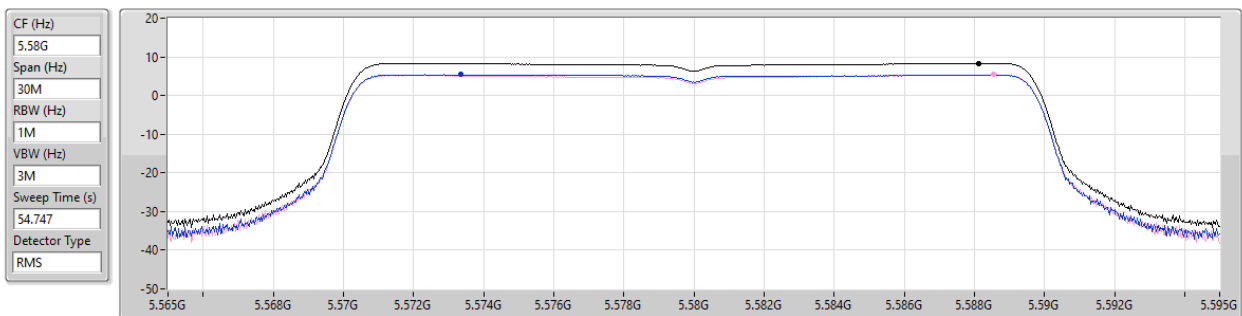
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	5.69	5.20

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

PSD

5580MHz

19/06/2024



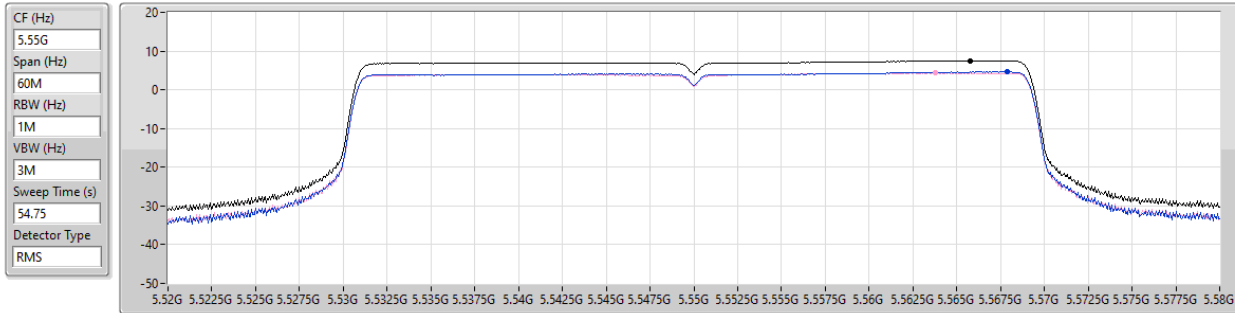
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	5.39	5.39

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

PSD

5550MHz

19/06/2024



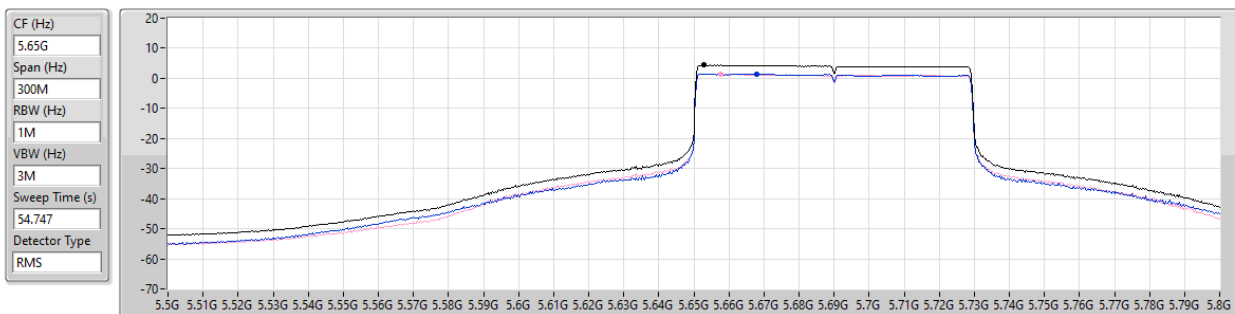
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.45	7.45	4.62	4.33

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

PSD

5690MHz Straddle 5.47-5.725GHz

19/06/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.38	4.38	1.49	1.50

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

PSD

5570MHz

19/06/2024

CF (Hz)
5.57G

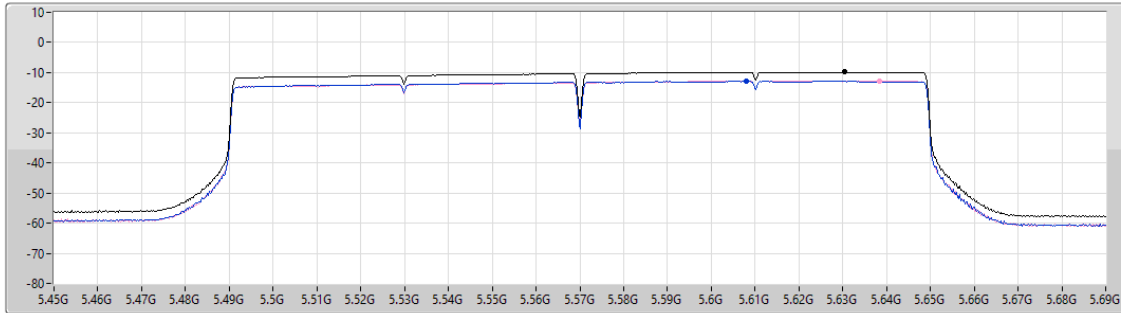
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.747

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.84	-9.84	-12.82	-12.69

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

PSD

5720MHz Straddle 5.725-5.85GHz

17/06/2024

CF (Hz)
5.735G

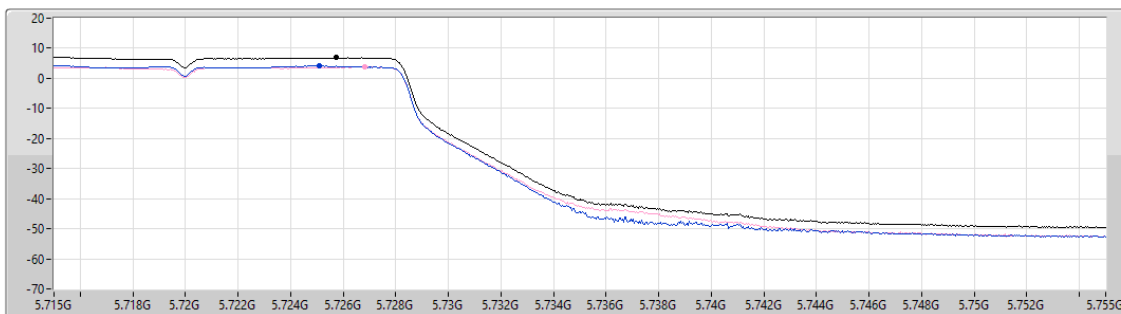
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.946

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

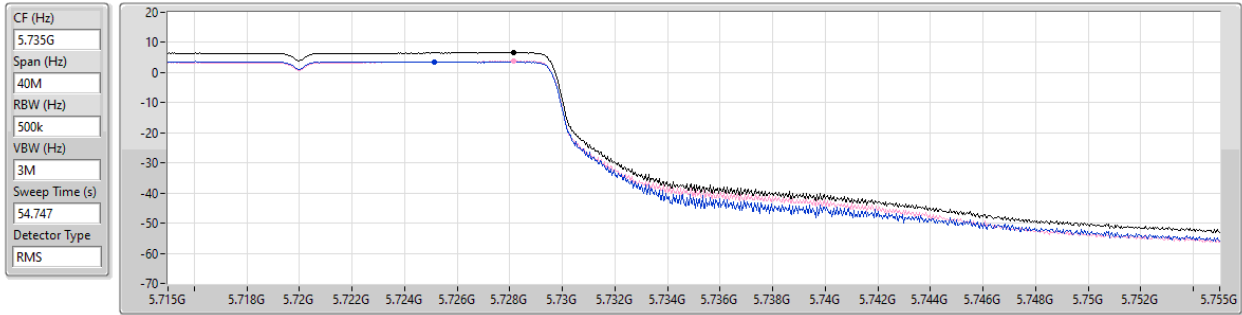
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.86	6.86	4.07	3.92

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

PSD

5720MHz Straddle 5.725-5.85GHz

19/06/2024



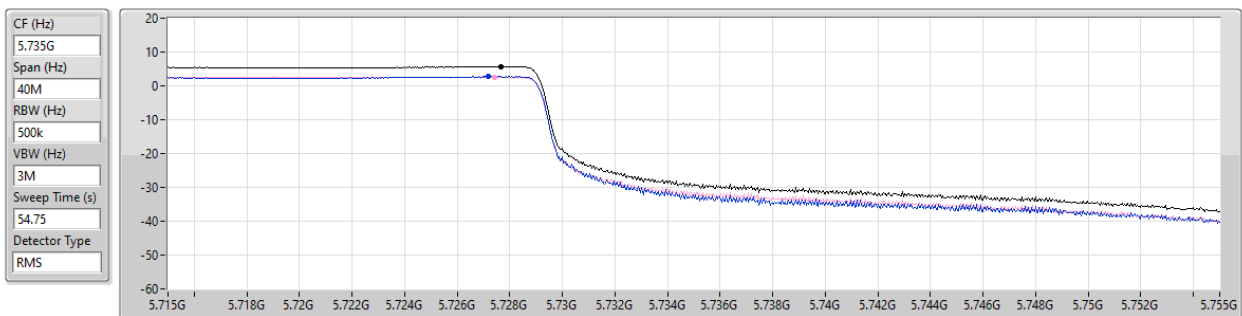
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.48	3.77

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

PSD

5710MHz Straddle 5.725-5.85GHz

19/06/2024



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.58	5.58	2.74	2.48

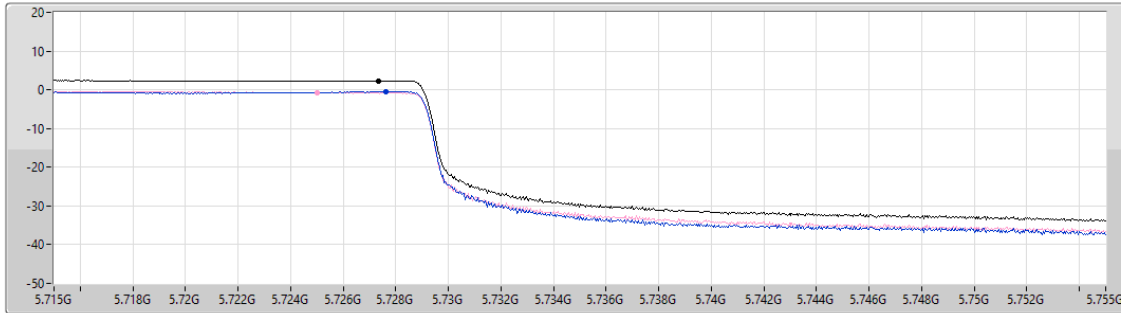
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

19/06/2024

CF (Hz)
5.735G
Span (Hz)
40M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
54.747
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-0.48	-0.75

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	PK	5.394G	72.80	74.00	-1.20	3	Vertical	344	1.17
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.35G	53.65	54.00	-0.35	3	Vertical	0	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	5.35G	73.62	74.00	-0.38	3	Vertical	28	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	5.35G	52.84	54.00	-1.16	3	Vertical	346	1.14
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	5.362G	52.90	54.00	-1.10	3	Vertical	343	1.15
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.4698G	67.33	68.20	-0.87	3	Vertical	335	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	5.467G	68.07	68.20	-0.13	3	Vertical	26	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	5.7258G	67.39	68.20	-0.81	3	Vertical	324	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	5.468G	67.82	68.20	-0.38	3	Vertical	332	1.50
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	PK	5.462G	66.40	68.20	-1.80	3	Vertical	325	1.50

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1106G	44.52	54.00	-9.48	3	Vertical	344	1.37
5260MHz	Pass	AV	5.2534G	110.08	Inf	-Inf	3	Vertical	344	1.37
5260MHz	Pass	AV	5.3506G	44.45	54.00	-9.55	3	Vertical	344	1.37
5260MHz	Pass	PK	5.1124G	56.81	74.00	-17.19	3	Vertical	344	1.37
5260MHz	Pass	PK	5.254G	119.69	Inf	-Inf	3	Vertical	344	1.37
5260MHz	Pass	PK	5.3878G	57.10	74.00	-16.90	3	Vertical	344	1.37
5260MHz	Pass	AV	5.14G	43.10	54.00	-10.90	3	Horizontal	140	1.32
5260MHz	Pass	AV	5.2528G	94.79	Inf	-Inf	3	Horizontal	140	1.32
5260MHz	Pass	AV	5.3572G	43.81	54.00	-10.19	3	Horizontal	140	1.32
5260MHz	Pass	PK	5.143G	56.40	74.00	-17.60	3	Horizontal	140	1.32
5260MHz	Pass	PK	5.2528G	103.89	Inf	-Inf	3	Horizontal	140	1.32
5260MHz	Pass	PK	5.3872G	56.34	74.00	-17.66	3	Horizontal	140	1.32
5260MHz	Pass	AV	15.78648G	38.25	54.00	-15.75	3	Horizontal	28	1.98
5260MHz	Pass	PK	10.5188G	48.51	68.20	-19.69	3	Horizontal	177	2.00
5260MHz	Pass	PK	15.7827G	50.86	74.00	-23.14	3	Horizontal	28	1.98
5260MHz	Pass	AV	15.78024G	39.29	54.00	-14.71	3	Vertical	184	3.00
5260MHz	Pass	PK	10.52204G	48.46	68.20	-19.74	3	Vertical	164	1.71
5260MHz	Pass	PK	15.78138G	54.38	74.00	-19.62	3	Vertical	184	3.00
5300MHz	Pass	AV	5.2948G	109.35	Inf	-Inf	3	Vertical	18	1.50
5300MHz	Pass	AV	5.3504G	46.80	54.00	-7.20	3	Vertical	18	1.50
5300MHz	Pass	PK	5.3048G	119.09	Inf	-Inf	3	Vertical	18	1.50
5300MHz	Pass	PK	5.3552G	60.91	74.00	-13.09	3	Vertical	18	1.50
5300MHz	Pass	AV	5.2936G	92.33	Inf	-Inf	3	Horizontal	89	1.50
5300MHz	Pass	AV	5.35G	43.14	54.00	-10.86	3	Horizontal	89	1.50
5300MHz	Pass	PK	5.2936G	101.94	Inf	-Inf	3	Horizontal	89	1.50
5300MHz	Pass	PK	5.3836G	56.28	74.00	-17.72	3	Horizontal	89	1.50
5300MHz	Pass	AV	10.60018G	36.43	54.00	-17.57	3	Horizontal	24	1.50
5300MHz	Pass	AV	15.8967G	37.96	54.00	-16.04	3	Horizontal	37	1.95
5300MHz	Pass	PK	10.60606G	49.11	74.00	-24.89	3	Horizontal	24	1.50
5300MHz	Pass	PK	15.90048G	50.03	74.00	-23.97	3	Horizontal	37	1.95
5300MHz	Pass	AV	15.90096G	40.20	54.00	-13.80	3	Vertical	151	1.88
5300MHz	Pass	PK	10.59958G	49.49	68.20	-18.71	3	Vertical	167	1.87
5300MHz	Pass	PK	15.90078G	55.26	74.00	-18.74	3	Vertical	151	1.88
5320MHz	Pass	AV	5.3138G	108.82	Inf	-Inf	3	Vertical	0	1.50
5320MHz	Pass	AV	5.35G	53.65	54.00	-0.35	3	Vertical	0	1.50
5320MHz	Pass	PK	5.3138G	118.29	Inf	-Inf	3	Vertical	0	1.50
5320MHz	Pass	PK	5.3502G	72.87	74.00	-1.13	3	Vertical	0	1.50
5320MHz	Pass	AV	5.3134G	94.09	Inf	-Inf	3	Horizontal	88	1.50
5320MHz	Pass	AV	5.3536G	44.40	54.00	-9.60	3	Horizontal	88	1.50
5320MHz	Pass	PK	5.3136G	103.85	Inf	-Inf	3	Horizontal	88	1.50
5320MHz	Pass	PK	5.354G	59.62	74.00	-14.38	3	Horizontal	88	1.50
5320MHz	Pass	AV	10.64486G	36.41	54.00	-17.59	3	Horizontal	91	2.65
5320MHz	Pass	AV	15.96672G	38.08	54.00	-15.92	3	Horizontal	28	1.91
5320MHz	Pass	PK	10.63982G	49.17	74.00	-24.83	3	Horizontal	91	2.65
5320MHz	Pass	PK	15.95154G	51.01	74.00	-22.99	3	Horizontal	28	1.91
5320MHz	Pass	AV	10.63988G	38.31	54.00	-15.69	3	Vertical	165	1.38
5320MHz	Pass	AV	15.9612G	39.55	54.00	-14.45	3	Vertical	154	3.00
5320MHz	Pass	PK	10.63718G	49.82	74.00	-24.18	3	Vertical	165	1.38
5320MHz	Pass	PK	15.96546G	53.46	74.00	-20.54	3	Vertical	154	3.00
5500MHz	Pass	AV	5.46G	48.10	54.00	-5.90	3	Vertical	335	1.50
5500MHz	Pass	AV	5.5046G	108.16	Inf	-Inf	3	Vertical	335	1.50
5500MHz	Pass	PK	5.4588G	61.92	74.00	-12.08	3	Vertical	335	1.50
5500MHz	Pass	PK	5.4698G	67.33	68.20	-0.87	3	Vertical	335	1.50
5500MHz	Pass	PK	5.5046G	117.75	Inf	-Inf	3	Vertical	335	1.50
5500MHz	Pass	AV	5.4504G	43.32	54.00	-10.68	3	Horizontal	89	1.27
5500MHz	Pass	AV	5.4934G	92.80	Inf	-Inf	3	Horizontal	89	1.27
5500MHz	Pass	PK	5.4544G	55.80	74.00	-18.20	3	Horizontal	89	1.27
5500MHz	Pass	PK	5.4638G	56.12	68.20	-12.08	3	Horizontal	89	1.27
5500MHz	Pass	PK	5.4932G	102.22	Inf	-Inf	3	Horizontal	89	1.27
5500MHz	Pass	AV	11.00156G	35.77	54.00	-18.23	3	Horizontal	60	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5500MHz	Pass	PK	11.00246G	48.77	74.00	-25.23	3	Horizontal	60	1.50
5500MHz	Pass	PK	16.50738G	49.95	68.20	-18.25	3	Horizontal	69	1.00
5500MHz	Pass	AV	11.00036G	37.64	54.00	-16.36	3	Vertical	175	2.23
5500MHz	Pass	PK	11.00024G	49.36	74.00	-24.64	3	Vertical	175	2.23
5500MHz	Pass	PK	16.49556G	50.54	68.20	-17.66	3	Vertical	332	1.50
5580MHz	Pass	AV	5.433G	45.31	54.00	-8.69	3	Vertical	325	1.79
5580MHz	Pass	AV	5.5866G	109.56	Inf	-Inf	3	Vertical	325	1.79
5580MHz	Pass	PK	5.4336G	56.93	74.00	-17.07	3	Vertical	325	1.79
5580MHz	Pass	PK	5.4618G	56.52	68.20	-11.68	3	Vertical	325	1.79
5580MHz	Pass	PK	5.5764G	118.84	Inf	-Inf	3	Vertical	325	1.79
5580MHz	Pass	PK	5.7288G	58.81	68.20	-9.39	3	Vertical	325	1.79
5580MHz	Pass	AV	5.4312G	43.28	54.00	-10.72	3	Horizontal	219	1.50
5580MHz	Pass	AV	5.5734G	92.94	Inf	-Inf	3	Horizontal	219	1.50
5580MHz	Pass	PK	5.4486G	56.09	74.00	-17.91	3	Horizontal	219	1.50
5580MHz	Pass	PK	5.4642G	55.44	68.20	-12.76	3	Horizontal	219	1.50
5580MHz	Pass	PK	5.5836G	103.38	Inf	-Inf	3	Horizontal	219	1.50
5580MHz	Pass	PK	5.7276G	56.36	68.20	-11.84	3	Horizontal	219	1.50
5580MHz	Pass	AV	11.16336G	36.12	54.00	-17.88	3	Horizontal	270	1.50
5580MHz	Pass	PK	11.16054G	48.99	74.00	-25.01	3	Horizontal	270	1.50
5580MHz	Pass	PK	16.72686G	50.16	68.20	-18.04	3	Horizontal	299	1.50
5580MHz	Pass	AV	11.1615G	36.29	54.00	-17.71	3	Vertical	179	2.00
5580MHz	Pass	PK	11.1681G	48.63	74.00	-25.37	3	Vertical	179	2.00
5580MHz	Pass	PK	16.73364G	50.38	68.20	-17.82	3	Vertical	168	1.00
5700MHz	Pass	AV	5.7052G	106.55	Inf	-Inf	3	Vertical	324	1.50
5700MHz	Pass	PK	5.7056G	115.64	Inf	-Inf	3	Vertical	324	1.50
5700MHz	Pass	PK	5.7252G	65.39	68.20	-2.81	3	Vertical	324	1.50
5700MHz	Pass	AV	5.6932G	89.91	Inf	-Inf	3	Horizontal	218	1.68
5700MHz	Pass	PK	5.6976G	99.33	Inf	-Inf	3	Horizontal	218	1.68
5700MHz	Pass	PK	5.7948G	54.47	68.20	-13.73	3	Horizontal	218	1.68
5700MHz	Pass	AV	11.40468G	37.35	54.00	-16.65	3	Horizontal	85	1.50
5700MHz	Pass	PK	11.40822G	49.57	74.00	-24.43	3	Horizontal	85	1.50
5700MHz	Pass	PK	17.1057G	50.29	68.20	-17.91	3	Horizontal	236	1.50
5700MHz	Pass	AV	11.40882G	37.22	54.00	-16.78	3	Vertical	169	1.00
5700MHz	Pass	PK	11.40054G	49.93	74.00	-24.07	3	Vertical	169	1.00
5700MHz	Pass	PK	17.11248G	50.13	68.20	-18.07	3	Vertical	236	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.42G	43.73	54.00	-10.27	3	Vertical	335	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.714G	109.84	Inf	-Inf	3	Vertical	335	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4368G	56.62	74.00	-17.38	3	Vertical	335	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	56.22	68.20	-11.98	3	Vertical	335	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	118.97	Inf	-Inf	3	Vertical	335	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9288G	58.54	68.20	-9.66	3	Vertical	335	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4332G	42.94	54.00	-11.06	3	Horizontal	218	1.63
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7128G	94.06	Inf	-Inf	3	Horizontal	218	1.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4488G	56.11	74.00	-17.89	3	Horizontal	218	1.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	55.23	68.20	-12.97	3	Horizontal	218	1.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7176G	103.45	Inf	-Inf	3	Horizontal	218	1.63
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9828G	58.13	68.20	-10.07	3	Horizontal	218	1.63
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.43988G	37.30	54.00	-16.70	3	Horizontal	210	1.92
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44774G	49.98	74.00	-24.02	3	Horizontal	210	1.92
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.16618G	49.92	68.20	-18.28	3	Horizontal	210	1.22
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44042G	38.26	54.00	-15.74	3	Vertical	23	2.83
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44036G	50.56	74.00	-23.44	3	Vertical	23	2.83
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15598G	50.09	68.20	-18.11	3	Vertical	167	1.50
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	AV	5.1466G	43.65	54.00	-10.35	3	Vertical	343	1.44
5260MHz	Pass	AV	5.2534G	109.70	Inf	-Inf	3	Vertical	343	1.44
5260MHz	Pass	AV	5.35G	44.78	54.00	-9.22	3	Vertical	343	1.44
5260MHz	Pass	PK	5.1352G	57.89	74.00	-16.11	3	Vertical	343	1.44
5260MHz	Pass	PK	5.2534G	121.50	Inf	-Inf	3	Vertical	343	1.44
5260MHz	Pass	PK	5.3818G	57.41	74.00	-16.59	3	Vertical	343	1.44
5260MHz	Pass	AV	5.1274G	43.03	54.00	-10.97	3	Horizontal	140	1.32
5260MHz	Pass	AV	5.251G	94.40	Inf	-Inf	3	Horizontal	140	1.32



RSE TX above 1GHz_Non-Beamforming_Radio 2

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5260MHz	Pass	AV	5.3866G	43.71	54.00	-10.29	3	Horizontal	140	1.32
5260MHz	Pass	PK	5.1466G	56.11	74.00	-17.89	3	Horizontal	140	1.32
5260MHz	Pass	PK	5.2516G	106.62	Inf	-Inf	3	Horizontal	140	1.32
5260MHz	Pass	PK	5.3572G	56.30	74.00	-17.70	3	Horizontal	140	1.32
5260MHz	Pass	AV	15.76698G	37.60	54.00	-16.40	3	Horizontal	235	1.50
5260MHz	Pass	PK	10.51898G	49.48	68.20	-18.72	3	Horizontal	182	1.50
5260MHz	Pass	PK	15.79074G	50.61	74.00	-23.39	3	Horizontal	235	1.50
5260MHz	Pass	AV	15.78192G	39.66	54.00	-14.34	3	Vertical	185	3.00
5260MHz	Pass	PK	10.52312G	49.07	68.20	-19.13	3	Vertical	165	1.47
5260MHz	Pass	PK	15.78354G	53.62	74.00	-20.38	3	Vertical	185	3.00
5300MHz	Pass	AV	5.2964G	108.64	Inf	-Inf	3	Vertical	1	1.50
5300MHz	Pass	AV	5.3528G	47.34	54.00	-6.66	3	Vertical	1	1.50
5300MHz	Pass	PK	5.2972G	120.69	Inf	-Inf	3	Vertical	1	1.50
5300MHz	Pass	PK	5.3552G	66.87	74.00	-7.13	3	Vertical	1	1.50
5300MHz	Pass	AV	5.2928G	94.40	Inf	-Inf	3	Horizontal	88	1.53
5300MHz	Pass	AV	5.3536G	43.24	54.00	-10.76	3	Horizontal	88	1.53
5300MHz	Pass	PK	5.2916G	106.58	Inf	-Inf	3	Horizontal	88	1.53
5300MHz	Pass	PK	5.3536G	58.53	74.00	-15.47	3	Horizontal	88	1.53
5300MHz	Pass	AV	10.60006G	36.58	54.00	-17.42	3	Horizontal	26	1.92
5300MHz	Pass	AV	15.88638G	37.42	54.00	-16.58	3	Horizontal	80	1.75
5300MHz	Pass	PK	10.59262G	48.85	68.20	-19.35	3	Horizontal	26	1.92
5300MHz	Pass	PK	15.8856G	49.98	74.00	-24.02	3	Horizontal	80	1.75
5300MHz	Pass	AV	15.90468G	39.29	54.00	-14.71	3	Vertical	151	2.97
5300MHz	Pass	PK	10.6027G	49.07	74.00	-24.93	3	Vertical	166	1.46
5300MHz	Pass	PK	15.88776G	52.82	74.00	-21.18	3	Vertical	151	2.97
5320MHz	Pass	AV	5.3122G	107.20	Inf	-Inf	3	Vertical	28	1.50
5320MHz	Pass	AV	5.3512G	50.89	54.00	-3.11	3	Vertical	28	1.50
5320MHz	Pass	PK	5.3118G	119.28	Inf	-Inf	3	Vertical	28	1.50
5320MHz	Pass	PK	5.35G	73.62	74.00	-0.38	3	Vertical	28	1.50
5320MHz	Pass	AV	5.3142G	91.18	Inf	-Inf	3	Horizontal	89	1.50
5320MHz	Pass	AV	5.3508G	43.64	54.00	-10.36	3	Horizontal	89	1.50
5320MHz	Pass	PK	5.3134G	103.88	Inf	-Inf	3	Horizontal	89	1.50
5320MHz	Pass	PK	5.3532G	59.97	74.00	-14.03	3	Horizontal	89	1.50
5320MHz	Pass	AV	10.6508G	36.42	54.00	-17.58	3	Horizontal	88	1.50
5320MHz	Pass	AV	15.95424G	37.47	54.00	-16.53	3	Horizontal	264	1.66
5320MHz	Pass	PK	10.65242G	48.95	74.00	-25.05	3	Horizontal	88	1.50
5320MHz	Pass	PK	15.96342G	50.30	74.00	-23.70	3	Horizontal	264	1.66
5320MHz	Pass	AV	10.63988G	38.42	54.00	-15.58	3	Vertical	168	1.82
5320MHz	Pass	AV	15.97026G	37.38	54.00	-16.62	3	Vertical	353	1.50
5320MHz	Pass	PK	10.65254G	49.43	74.00	-24.57	3	Vertical	168	1.82
5320MHz	Pass	PK	15.95508G	50.22	74.00	-23.78	3	Vertical	353	1.50
5500MHz	Pass	AV	5.46G	42.40	54.00	-11.60	3	Vertical	26	1.50
5500MHz	Pass	AV	5.5086G	104.56	Inf	-Inf	3	Vertical	26	1.50
5500MHz	Pass	PK	5.4568G	61.16	74.00	-12.84	3	Vertical	26	1.50
5500MHz	Pass	PK	5.467G	68.07	68.20	-0.13	3	Vertical	26	1.50
5500MHz	Pass	PK	5.508G	117.02	Inf	-Inf	3	Vertical	26	1.50
5500MHz	Pass	AV	5.4578G	43.07	54.00	-10.93	3	Horizontal	87	1.00
5500MHz	Pass	AV	5.4922G	88.25	Inf	-Inf	3	Horizontal	87	1.00
5500MHz	Pass	PK	5.4516G	55.77	74.00	-18.23	3	Horizontal	87	1.00
5500MHz	Pass	PK	5.4684G	56.07	68.20	-12.13	3	Horizontal	87	1.00
5500MHz	Pass	PK	5.491G	100.68	Inf	-Inf	3	Horizontal	87	1.00
5500MHz	Pass	AV	11.00348G	35.80	54.00	-18.20	3	Horizontal	352	1.50
5500MHz	Pass	PK	10.99574G	49.26	74.00	-24.74	3	Horizontal	352	1.50
5500MHz	Pass	PK	16.51164G	50.87	68.20	-17.33	3	Horizontal	280	1.50
5500MHz	Pass	AV	10.99994G	36.38	54.00	-17.62	3	Vertical	150	2.22
5500MHz	Pass	PK	10.99238G	48.72	74.00	-25.28	3	Vertical	150	2.22
5500MHz	Pass	PK	16.51392G	49.77	68.20	-18.43	3	Vertical	296	1.00
5580MHz	Pass	AV	5.4348G	45.33	54.00	-8.67	3	Vertical	326	1.50
5580MHz	Pass	AV	5.5872G	108.74	Inf	-Inf	3	Vertical	326	1.50
5580MHz	Pass	PK	5.4348G	57.66	74.00	-16.34	3	Vertical	326	1.50
5580MHz	Pass	PK	5.4654G	56.21	68.20	-11.99	3	Vertical	326	1.50
5580MHz	Pass	PK	5.586G	121.12	Inf	-Inf	3	Vertical	326	1.50



RSE TX above 1GHz_Non-Beamforming_Radio 2

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5580MHz	Pass	PK	5.7294G	57.87	68.20	-10.33	3	Vertical	326	1.50
5580MHz	Pass	AV	5.4486G	43.01	54.00	-10.99	3	Horizontal	89	1.27
5580MHz	Pass	AV	5.5728G	94.72	Inf	-Inf	3	Horizontal	89	1.27
5580MHz	Pass	PK	5.454G	56.20	74.00	-17.80	3	Horizontal	89	1.27
5580MHz	Pass	PK	5.463G	55.88	68.20	-12.32	3	Horizontal	89	1.27
5580MHz	Pass	PK	5.5746G	107.75	Inf	-Inf	3	Horizontal	89	1.27
5580MHz	Pass	PK	5.7264G	56.94	68.20	-11.26	3	Horizontal	89	1.27
5580MHz	Pass	AV	11.1601G	35.73	54.00	-18.27	3	Vertical	77	1.55
5580MHz	Pass	PK	11.15981G	47.94	74.00	-26.06	3	Vertical	77	1.55
5580MHz	Pass	PK	16.73929G	49.19	68.20	-19.01	3	Vertical	158	2.54
5580MHz	Pass	AV	11.16488G	35.91	54.00	-18.09	3	Horizontal	173	2.04
5580MHz	Pass	PK	11.16532G	47.89	74.00	-26.11	3	Horizontal	173	2.04
5580MHz	Pass	PK	16.73943G	50.14	68.20	-18.06	3	Horizontal	228	1.13
5700MHz	Pass	AV	5.6968G	100.21	Inf	-Inf	3	Vertical	337	1.50
5700MHz	Pass	PK	5.6968G	113.50	Inf	-Inf	3	Vertical	337	1.50
5700MHz	Pass	PK	5.7252G	66.99	68.20	-1.21	3	Vertical	337	1.50
5700MHz	Pass	AV	5.692G	83.03	Inf	-Inf	3	Horizontal	219	1.75
5700MHz	Pass	PK	5.6912G	96.05	Inf	-Inf	3	Horizontal	219	1.75
5700MHz	Pass	PK	5.7968G	54.31	68.20	-13.89	3	Horizontal	219	1.75
5700MHz	Pass	AV	11.40014G	37.14	54.00	-16.86	3	Vertical	122	1.78
5700MHz	Pass	PK	11.4006G	49.90	74.00	-24.10	3	Vertical	122	1.78
5700MHz	Pass	PK	17.09939G	50.30	68.20	-17.90	3	Vertical	223	1.25
5700MHz	Pass	AV	11.4052G	37.15	54.00	-16.85	3	Horizontal	346	2.27
5700MHz	Pass	PK	11.40592G	50.48	74.00	-23.52	3	Horizontal	346	2.27
5700MHz	Pass	PK	17.09959G	50.27	68.20	-17.93	3	Horizontal	16	1.02
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.42G	45.84	54.00	-8.16	3	Vertical	25	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7248G	109.32	Inf	-Inf	3	Vertical	25	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4212G	57.80	74.00	-16.20	3	Vertical	25	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	55.38	68.20	-12.82	3	Vertical	25	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7236G	121.36	Inf	-Inf	3	Vertical	25	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9348G	59.35	68.20	-8.85	3	Vertical	25	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	42.96	54.00	-11.04	3	Horizontal	91	1.13
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7128G	94.41	Inf	-Inf	3	Horizontal	91	1.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4428G	55.53	74.00	-18.47	3	Horizontal	91	1.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	55.38	68.20	-12.82	3	Horizontal	91	1.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	106.61	Inf	-Inf	3	Horizontal	91	1.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8808G	58.81	68.20	-9.39	3	Horizontal	91	1.13
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44078G	37.28	54.00	-16.72	3	Vertical	82	1.09
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44042G	50.99	74.00	-23.01	3	Vertical	82	1.09
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.1605G	51.26	68.20	-16.94	3	Vertical	112	2.08
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44288G	37.01	54.00	-16.99	3	Horizontal	10	2.51
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44148G	49.99	74.00	-24.01	3	Horizontal	10	2.51
5720MHz Straddle 5.47-5.725GHz	Pass	PK	17.15982G	49.66	68.20	-18.54	3	Horizontal	247	1.47
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	AV	5.2648G	105.66	Inf	-Inf	3	Vertical	345	1.24
5270MHz	Pass	AV	5.35G	49.03	54.00	-4.97	3	Vertical	345	1.24
5270MHz	Pass	PK	5.2856G	118.83	Inf	-Inf	3	Vertical	345	1.24
5270MHz	Pass	PK	5.3532G	70.96	74.00	-3.04	3	Vertical	345	1.24
5270MHz	Pass	AV	5.2632G	91.33	Inf	-Inf	3	Horizontal	86	1.28
5270MHz	Pass	AV	5.35G	42.47	54.00	-11.53	3	Horizontal	86	1.28
5270MHz	Pass	PK	5.2632G	104.77	Inf	-Inf	3	Horizontal	86	1.28
5270MHz	Pass	PK	5.3528G	58.35	74.00	-15.65	3	Horizontal	86	1.28
5270MHz	Pass	AV	15.79416G	36.71	54.00	-17.29	3	Horizontal	345	2.65
5270MHz	Pass	PK	10.5172G	49.02	68.20	-19.18	3	Horizontal	180	1.50
5270MHz	Pass	PK	15.78756G	49.98	74.00	-24.02	3	Horizontal	345	2.65
5270MHz	Pass	AV	15.79848G	36.71	54.00	-17.29	3	Vertical	183	1.50
5270MHz	Pass	PK	10.55248G	49.80	68.20	-18.40	3	Vertical	166	1.29
5270MHz	Pass	PK	15.81516G	50.15	74.00	-23.85	3	Vertical	183	1.50
5310MHz	Pass	AV	5.306G	98.05	Inf	-Inf	3	Vertical	346	1.14
5310MHz	Pass	AV	5.35G	52.84	54.00	-1.16	3	Vertical	346	1.14
5310MHz	Pass	PK	5.3036G	111.40	Inf	-Inf	3	Vertical	346	1.14
5310MHz	Pass	PK	5.3504G	69.45	74.00	-4.55	3	Vertical	346	1.14



RSE TX above 1GHz_Non-Beamforming_Radio 2

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5310MHz	Pass	AV	5.3048G	82.24	Inf	-Inf	3	Horizontal	89	1.65
5310MHz	Pass	AV	5.3568G	42.25	54.00	-11.75	3	Horizontal	89	1.65
5310MHz	Pass	PK	5.3044G	96.07	Inf	-Inf	3	Horizontal	89	1.65
5310MHz	Pass	PK	5.4052G	56.18	74.00	-17.82	3	Horizontal	89	1.65
5310MHz	Pass	AV	10.61544G	35.53	54.00	-18.47	3	Horizontal	6	1.50
5310MHz	Pass	AV	15.9288G	36.70	54.00	-17.30	3	Horizontal	118	1.50
5310MHz	Pass	PK	10.61316G	49.18	74.00	-24.82	3	Horizontal	6	1.50
5310MHz	Pass	PK	15.92736G	50.27	74.00	-23.73	3	Horizontal	118	1.50
5310MHz	Pass	AV	10.62G	37.99	54.00	-16.01	3	Vertical	168	1.86
5310MHz	Pass	AV	15.9396G	36.64	54.00	-17.36	3	Vertical	340	1.50
5310MHz	Pass	PK	10.6206G	49.25	74.00	-24.75	3	Vertical	168	1.86
5310MHz	Pass	PK	15.92772G	50.30	74.00	-23.70	3	Vertical	340	1.50
5510MHz	Pass	AV	5.46G	43.81	54.00	-10.19	3	Vertical	335	1.50
5510MHz	Pass	AV	5.528G	97.77	Inf	-Inf	3	Vertical	335	1.50
5510MHz	Pass	PK	5.446G	64.39	74.00	-9.61	3	Vertical	335	1.50
5510MHz	Pass	PK	5.4656G	67.11	68.20	-1.09	3	Vertical	335	1.50
5510MHz	Pass	PK	5.5268G	111.21	Inf	-Inf	3	Vertical	335	1.50
5510MHz	Pass	AV	5.4596G	38.87	54.00	-15.13	3	Horizontal	89	1.36
5510MHz	Pass	AV	5.5236G	82.24	Inf	-Inf	3	Horizontal	89	1.36
5510MHz	Pass	PK	5.4536G	53.59	74.00	-20.41	3	Horizontal	89	1.36
5510MHz	Pass	PK	5.464G	55.03	68.20	-13.17	3	Horizontal	89	1.36
5510MHz	Pass	PK	5.5224G	96.93	Inf	-Inf	3	Horizontal	89	1.36
5510MHz	Pass	AV	11.02095G	35.00	54.00	-19.00	3	Vertical	17	1.50
5510MHz	Pass	PK	11.02077G	48.79	74.00	-25.21	3	Vertical	17	1.50
5510MHz	Pass	PK	16.52901G	50.59	68.20	-17.61	3	Vertical	266	2.76
5510MHz	Pass	AV	11.02004G	35.03	54.00	-18.97	3	Horizontal	104	1.49
5510MHz	Pass	PK	11.0102G	49.02	74.00	-24.98	3	Horizontal	104	1.49
5510MHz	Pass	PK	16.52974G	50.68	68.20	-17.52	3	Horizontal	241	2.89
5550MHz	Pass	AV	5.46G	44.56	54.00	-9.44	3	Vertical	331	1.49
5550MHz	Pass	AV	5.5624G	104.78	Inf	-Inf	3	Vertical	331	1.49
5550MHz	Pass	PK	5.4532G	62.24	74.00	-11.76	3	Vertical	331	1.49
5550MHz	Pass	PK	5.4676G	65.79	68.20	-2.41	3	Vertical	331	1.49
5550MHz	Pass	PK	5.5648G	118.44	Inf	-Inf	3	Vertical	331	1.49
5550MHz	Pass	AV	5.46G	42.28	54.00	-11.72	3	Horizontal	90	1.44
5550MHz	Pass	AV	5.5628G	89.23	Inf	-Inf	3	Horizontal	90	1.44
5550MHz	Pass	PK	5.458G	54.91	74.00	-19.09	3	Horizontal	90	1.44
5550MHz	Pass	PK	5.4616G	55.54	68.20	-12.66	3	Horizontal	90	1.44
5550MHz	Pass	PK	5.5644G	102.76	Inf	-Inf	3	Horizontal	90	1.44
5550MHz	Pass	AV	11.09964G	35.18	54.00	-18.82	3	Vertical	328	2.97
5550MHz	Pass	PK	11.10008G	50.29	74.00	-23.71	3	Vertical	328	2.97
5550MHz	Pass	PK	16.64934G	50.61	68.20	-17.59	3	Vertical	303	2.23
5550MHz	Pass	AV	11.0994G	35.22	54.00	-18.78	3	Horizontal	158	2.12
5550MHz	Pass	PK	11.09988G	48.94	74.00	-25.06	3	Horizontal	158	2.12
5550MHz	Pass	PK	16.65082G	50.56	68.20	-17.64	3	Horizontal	357	1.41
5670MHz	Pass	AV	5.6526G	100.84	Inf	-Inf	3	Vertical	324	1.50
5670MHz	Pass	PK	5.6532G	115.35	Inf	-Inf	3	Vertical	324	1.50
5670MHz	Pass	PK	5.7258G	67.39	68.20	-0.81	3	Vertical	324	1.50
5670MHz	Pass	AV	5.6814G	84.12	Inf	-Inf	3	Horizontal	218	1.69
5670MHz	Pass	PK	5.6832G	97.25	Inf	-Inf	3	Horizontal	218	1.69
5670MHz	Pass	PK	5.814G	57.50	68.20	-10.70	3	Horizontal	218	1.69
5670MHz	Pass	AV	11.3407G	35.87	54.00	-18.13	3	Vertical	86	1.13
5670MHz	Pass	PK	11.33998G	50.02	74.00	-23.98	3	Vertical	86	1.13
5670MHz	Pass	PK	17.01088G	49.91	68.20	-18.29	3	Vertical	67	1.49
5670MHz	Pass	AV	11.33008G	35.89	54.00	-18.11	3	Horizontal	129	2.14
5670MHz	Pass	PK	11.33076G	49.38	74.00	-24.62	3	Horizontal	129	2.14
5670MHz	Pass	PK	17.01006G	49.81	68.20	-18.39	3	Horizontal	239	2.40
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4124G	44.60	54.00	-9.40	3	Vertical	325	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.6932G	105.87	Inf	-Inf	3	Vertical	325	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4184G	57.66	74.00	-16.34	3	Vertical	325	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.47G	56.83	68.20	-11.37	3	Vertical	325	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.6944G	118.75	Inf	-Inf	3	Vertical	325	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8516G	60.11	68.20	-8.09	3	Vertical	325	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4472G	42.26	54.00	-11.74	3	Horizontal	218	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.7004G	89.64	Inf	-Inf	3	Horizontal	218	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4184G	55.84	74.00	-18.16	3	Horizontal	218	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4652G	55.73	68.20	-12.47	3	Horizontal	218	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7208G	102.51	Inf	-Inf	3	Horizontal	218	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.854G	58.77	68.20	-9.43	3	Horizontal	218	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.42016G	35.95	54.00	-18.05	3	Vertical	167	2.80
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42038G	50.00	74.00	-24.00	3	Vertical	167	2.80
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.13081G	50.08	68.20	-18.12	3	Vertical	322	1.35
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.41024G	36.20	54.00	-17.80	3	Horizontal	312	2.55
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.42292G	49.77	74.00	-24.23	3	Horizontal	312	2.55
5710MHz Straddle 5.47-5.725GHz	Pass	PK	17.12983G	50.34	68.20	-17.86	3	Horizontal	92	2.47
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	AV	5.15G	43.35	54.00	-10.65	3	Vertical	343	1.15
5290MHz	Pass	AV	5.264G	95.54	Inf	-Inf	3	Vertical	343	1.15
5290MHz	Pass	AV	5.362G	52.90	54.00	-1.10	3	Vertical	343	1.15
5290MHz	Pass	PK	5.107G	56.57	74.00	-17.43	3	Vertical	343	1.15
5290MHz	Pass	PK	5.262G	108.30	Inf	-Inf	3	Vertical	343	1.15
5290MHz	Pass	PK	5.368G	72.38	74.00	-1.62	3	Vertical	343	1.15
5290MHz	Pass	PK	5.513G	58.13	68.20	-10.07	3	Vertical	343	1.15
5290MHz	Pass	AV	5.141G	42.92	54.00	-11.08	3	Horizontal	87	1.28
5290MHz	Pass	AV	5.263G	79.72	Inf	-Inf	3	Horizontal	87	1.28
5290MHz	Pass	AV	5.454G	43.67	54.00	-10.33	3	Horizontal	87	1.28
5290MHz	Pass	PK	5.14G	56.41	74.00	-17.59	3	Horizontal	87	1.28
5290MHz	Pass	PK	5.303G	93.32	Inf	-Inf	3	Horizontal	87	1.28
5290MHz	Pass	PK	5.409G	57.79	74.00	-16.21	3	Horizontal	87	1.28
5290MHz	Pass	PK	5.471G	58.21	68.20	-9.99	3	Horizontal	87	1.28
5290MHz	Pass	AV	10.6184G	35.55	54.00	-18.45	3	Horizontal	17	1.50
5290MHz	Pass	AV	15.88752G	36.54	54.00	-17.46	3	Horizontal	316	2.95
5290MHz	Pass	PK	10.61408G	48.82	74.00	-25.18	3	Horizontal	17	1.50
5290MHz	Pass	PK	15.81288G	50.78	74.00	-23.22	3	Horizontal	316	2.95
5290MHz	Pass	AV	15.8136G	36.59	54.00	-17.41	3	Vertical	0	1.50
5290MHz	Pass	PK	10.58G	49.71	68.20	-18.49	3	Vertical	167	1.91
5290MHz	Pass	PK	15.86448G	50.33	74.00	-23.67	3	Vertical	0	1.50
5530MHz	Pass	AV	5.35G	42.80	54.00	-11.20	3	Vertical	332	1.50
5530MHz	Pass	AV	5.46G	47.30	54.00	-6.70	3	Vertical	332	1.50
5530MHz	Pass	AV	5.564G	94.68	Inf	-Inf	3	Vertical	332	1.50
5530MHz	Pass	PK	5.33G	56.79	68.20	-11.41	3	Vertical	332	1.50
5530MHz	Pass	PK	5.453G	65.58	74.00	-8.42	3	Vertical	332	1.50
5530MHz	Pass	PK	5.468G	67.82	68.20	-0.38	3	Vertical	332	1.50
5530MHz	Pass	PK	5.565G	108.34	Inf	-Inf	3	Vertical	332	1.50
5530MHz	Pass	PK	5.755G	57.51	68.20	-10.69	3	Vertical	332	1.50
5530MHz	Pass	AV	5.35G	42.14	54.00	-11.86	3	Horizontal	89	1.36
5530MHz	Pass	AV	5.433G	42.29	54.00	-11.71	3	Horizontal	89	1.36
5530MHz	Pass	AV	5.564G	78.93	Inf	-Inf	3	Horizontal	89	1.36
5530MHz	Pass	PK	5.285G	55.63	68.20	-12.57	3	Horizontal	89	1.36
5530MHz	Pass	PK	5.407G	56.67	74.00	-17.33	3	Horizontal	89	1.36
5530MHz	Pass	PK	5.467G	55.16	68.20	-13.04	3	Horizontal	89	1.36
5530MHz	Pass	PK	5.561G	92.23	Inf	-Inf	3	Horizontal	89	1.36
5530MHz	Pass	PK	5.779G	57.90	68.20	-10.30	3	Horizontal	89	1.36
5530MHz	Pass	AV	11.06082G	34.83	54.00	-19.17	3	Vertical	68	2.90
5530MHz	Pass	PK	11.0592G	48.41	74.00	-25.59	3	Vertical	68	2.90
5530MHz	Pass	PK	16.58973G	50.52	68.20	-17.68	3	Vertical	79	1.37
5530MHz	Pass	AV	11.05164G	35.16	54.00	-18.84	3	Horizontal	79	1.60
5530MHz	Pass	PK	11.05364G	49.04	74.00	-24.96	3	Horizontal	79	1.60
5530MHz	Pass	PK	16.59035G	49.79	68.20	-18.41	3	Horizontal	225	1.95
5610MHz	Pass	AV	5.458G	44.39	54.00	-9.61	3	Vertical	325	1.50
5610MHz	Pass	AV	5.594G	100.74	Inf	-Inf	3	Vertical	325	1.50
5610MHz	Pass	PK	5.455G	63.31	74.00	-10.69	3	Vertical	325	1.50
5610MHz	Pass	PK	5.466G	63.68	68.20	-4.52	3	Vertical	325	1.50
5610MHz	Pass	PK	5.573G	113.47	Inf	-Inf	3	Vertical	325	1.50
5610MHz	Pass	PK	5.74G	67.44	68.20	-0.76	3	Vertical	325	1.50

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5610MHz	Pass	AV	5.433G	42.36	54.00	-11.64	3	Horizontal	89	1.06
5610MHz	Pass	AV	5.643G	85.83	Inf	-Inf	3	Horizontal	89	1.06
5610MHz	Pass	PK	5.453G	56.76	74.00	-17.24	3	Horizontal	89	1.06
5610MHz	Pass	PK	5.469G	55.53	68.20	-12.67	3	Horizontal	89	1.06
5610MHz	Pass	PK	5.641G	98.81	Inf	-Inf	3	Horizontal	89	1.06
5610MHz	Pass	PK	5.839G	57.96	68.20	-10.24	3	Horizontal	89	1.06
5610MHz	Pass	AV	11.2209G	34.86	54.00	-19.14	3	Vertical	176	2.05
5610MHz	Pass	PK	11.22063G	48.43	74.00	-25.57	3	Vertical	176	2.05
5610MHz	Pass	PK	16.82955G	49.96	68.20	-18.24	3	Vertical	11	1.39
5610MHz	Pass	AV	11.23G	35.45	54.00	-18.55	3	Horizontal	270	1.60
5610MHz	Pass	PK	11.2106G	48.89	74.00	-25.11	3	Horizontal	270	1.60
5610MHz	Pass	PK	16.83043G	49.68	68.20	-18.52	3	Horizontal	218	2.02
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.3936G	44.86	54.00	-9.14	3	Vertical	325	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6924G	102.53	Inf	-Inf	3	Vertical	325	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4596G	58.75	74.00	-15.25	3	Vertical	325	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	59.56	68.20	-8.64	3	Vertical	325	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6924G	116.22	Inf	-Inf	3	Vertical	325	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.9084G	66.84	68.20	-1.36	3	Vertical	325	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.432G	42.28	54.00	-11.72	3	Horizontal	218	1.53
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7008G	86.91	Inf	-Inf	3	Horizontal	218	1.53
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.3948G	56.06	74.00	-17.94	3	Horizontal	218	1.53
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	56.45	68.20	-11.75	3	Horizontal	218	1.53
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6612G	99.10	Inf	-Inf	3	Horizontal	218	1.53
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.888G	58.88	68.20	-9.32	3	Horizontal	218	1.53
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37932G	35.74	54.00	-18.26	3	Vertical	191	2.45
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37911G	49.97	74.00	-24.03	3	Vertical	191	2.45
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.07076G	51.13	68.20	-17.07	3	Vertical	166	1.61
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37144G	36.05	54.00	-17.95	3	Horizontal	144	1.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37552G	49.34	74.00	-24.66	3	Horizontal	144	1.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	17.0693G	50.80	68.20	-17.40	3	Horizontal	307	2.69
802.11be EHT160_Nss1_(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.148G	49.41	54.00	-4.59	3	Vertical	344	1.17
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.2644G	91.54	Inf	-Inf	3	Vertical	344	1.17
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.364G	50.13	54.00	-3.87	3	Vertical	344	1.17
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.1276G	71.99	74.00	-2.01	3	Vertical	344	1.17
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.2272G	105.02	Inf	-Inf	3	Vertical	344	1.17
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.394G	72.80	74.00	-1.20	3	Vertical	344	1.17
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.478G	57.94	68.20	-10.26	3	Vertical	344	1.17
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.1456G	42.96	54.00	-11.04	3	Horizontal	88	1.52
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.2848G	75.10	Inf	-Inf	3	Horizontal	88	1.52
5250MHz Straddle 5.15-5.25GHz	Pass	AV	5.43G	43.66	54.00	-10.34	3	Horizontal	88	1.52
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.1396G	56.80	74.00	-17.20	3	Horizontal	88	1.52
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.2644G	87.56	Inf	-Inf	3	Horizontal	88	1.52
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.3652G	57.47	74.00	-16.53	3	Horizontal	88	1.52
5250MHz Straddle 5.15-5.25GHz	Pass	PK	5.5332G	57.80	68.20	-10.40	3	Horizontal	88	1.52
5250MHz Straddle 5.15-5.25GHz	Pass	AV	10.61472G	35.59	54.00	-18.41	3	Horizontal	144	1.63
5250MHz Straddle 5.15-5.25GHz	Pass	AV	15.63288G	37.05	54.00	-16.95	3	Horizontal	192	1.50
5250MHz Straddle 5.15-5.25GHz	Pass	PK	10.59072G	49.43	68.20	-18.77	3	Horizontal	144	1.63
5250MHz Straddle 5.15-5.25GHz	Pass	PK	15.666G	50.57	74.00	-23.43	3	Horizontal	192	1.50
5250MHz Straddle 5.15-5.25GHz	Pass	AV	15.63144G	37.08	54.00	-16.92	3	Vertical	76	1.50
5250MHz Straddle 5.15-5.25GHz	Pass	PK	10.42464G	49.44	68.20	-18.76	3	Vertical	166	1.50
5250MHz Straddle 5.15-5.25GHz	Pass	PK	15.7716G	50.58	74.00	-23.42	3	Vertical	76	1.50
5570MHz	Pass	AV	5.4572G	43.42	54.00	-10.58	3	Vertical	325	1.50
5570MHz	Pass	AV	5.5952G	88.19	Inf	-Inf	3	Vertical	325	1.50
5570MHz	Pass	PK	5.35G	62.42	74.00	-11.58	3	Vertical	325	1.50
5570MHz	Pass	PK	5.4464G	68.61	74.00	-5.39	3	Vertical	325	1.50
5570MHz	Pass	PK	5.462G	66.40	68.20	-1.80	3	Vertical	325	1.50
5570MHz	Pass	PK	5.6336G	101.29	Inf	-Inf	3	Vertical	325	1.50
5570MHz	Pass	PK	5.726G	65.69	68.20	-2.51	3	Vertical	325	1.50
5570MHz	Pass	AV	5.45G	42.30	54.00	-11.70	3	Horizontal	89	1.21
5570MHz	Pass	AV	5.5832G	72.22	Inf	-Inf	3	Horizontal	89	1.21
5570MHz	Pass	PK	5.3492G	55.99	68.20	-12.21	3	Horizontal	89	1.21



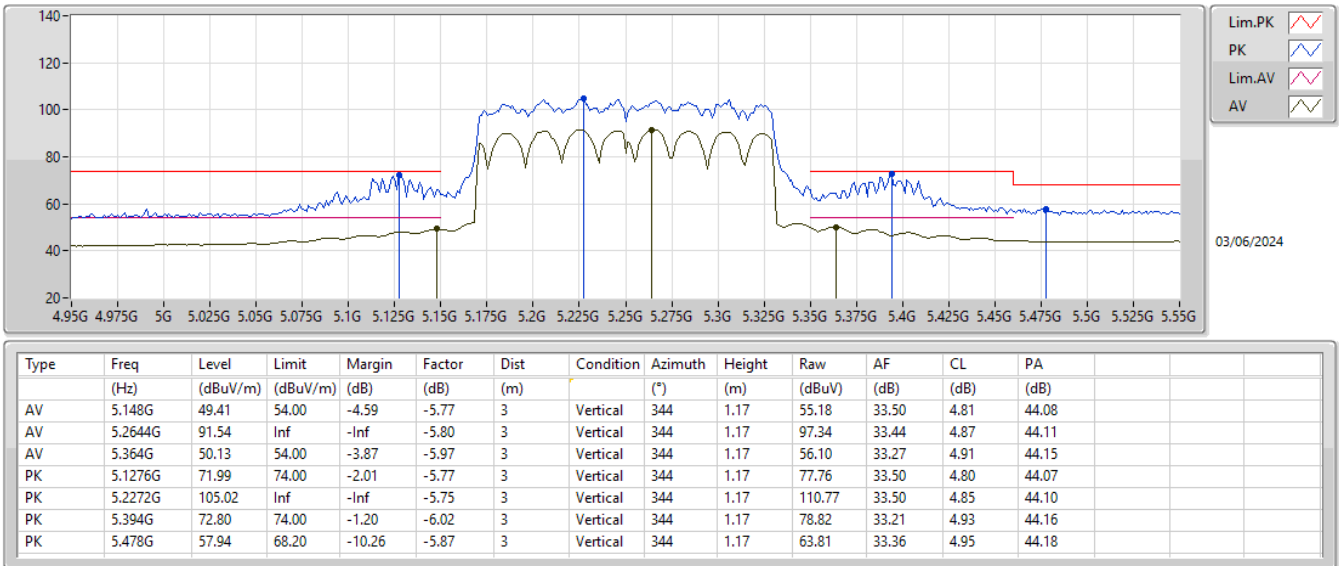
RSE TX above 1GHz_Non-Beamforming_Radio 2

Appendix D

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	PK	5.402G	56.11	74.00	-17.89	3	Horizontal	89	1.21
5570MHz	Pass	PK	5.4644G	55.86	68.20	-12.34	3	Horizontal	89	1.21
5570MHz	Pass	PK	5.6192G	84.55	Inf	-Inf	3	Horizontal	89	1.21
5570MHz	Pass	PK	5.7968G	57.54	68.20	-10.66	3	Horizontal	89	1.21
5570MHz	Pass	AV	11.23072G	35.80	54.00	-18.20	3	Horizontal	17	2.64
5570MHz	Pass	PK	11.18752G	48.71	74.00	-25.29	3	Horizontal	17	2.64
5570MHz	Pass	PK	16.63704G	50.64	68.20	-17.56	3	Horizontal	142	1.50
5570MHz	Pass	AV	11.22784G	35.63	54.00	-18.37	3	Vertical	324	1.50
5570MHz	Pass	PK	11.23552G	48.76	74.00	-25.24	3	Vertical	324	1.50
5570MHz	Pass	PK	16.69272G	50.67	68.20	-17.53	3	Vertical	224	1.50

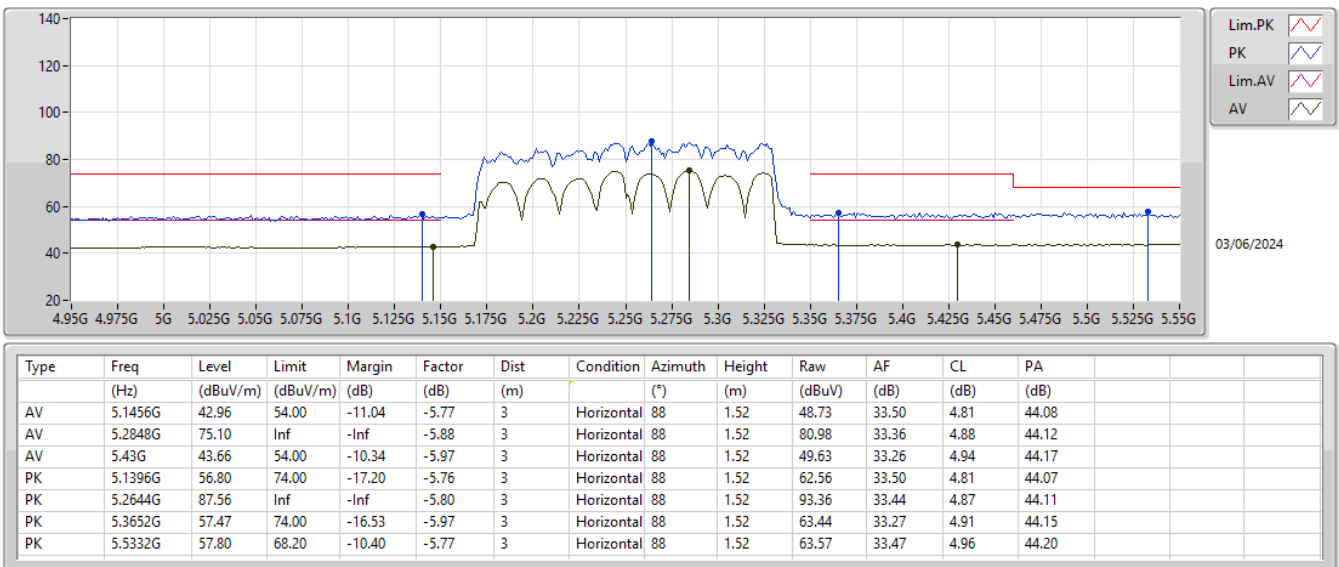
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.15-5.25GHz_TX



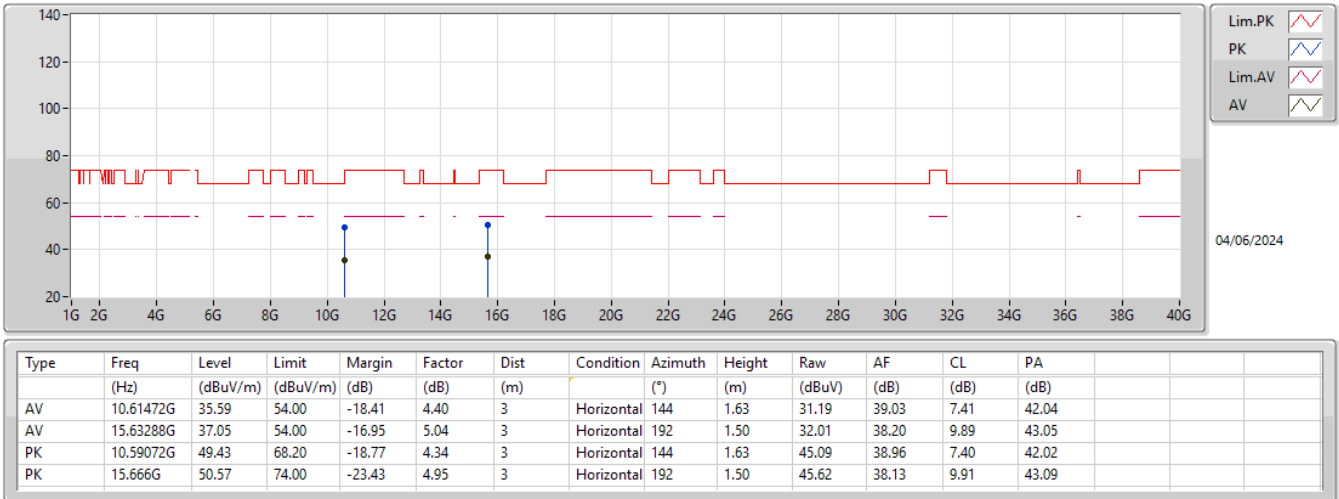
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.15-5.25GHz_TX



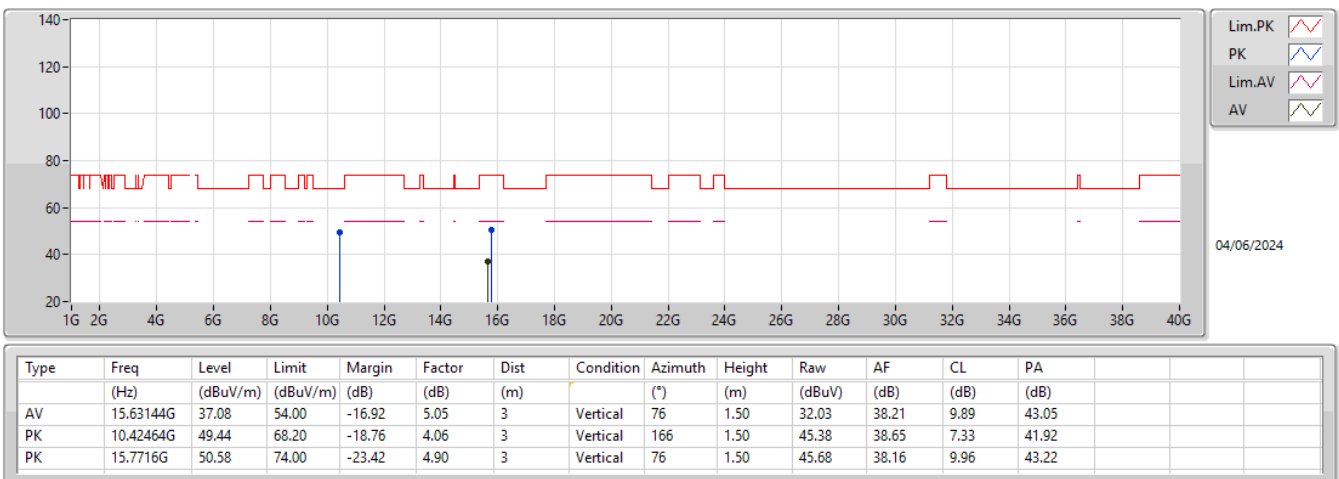
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.15-5.25GHz_TX



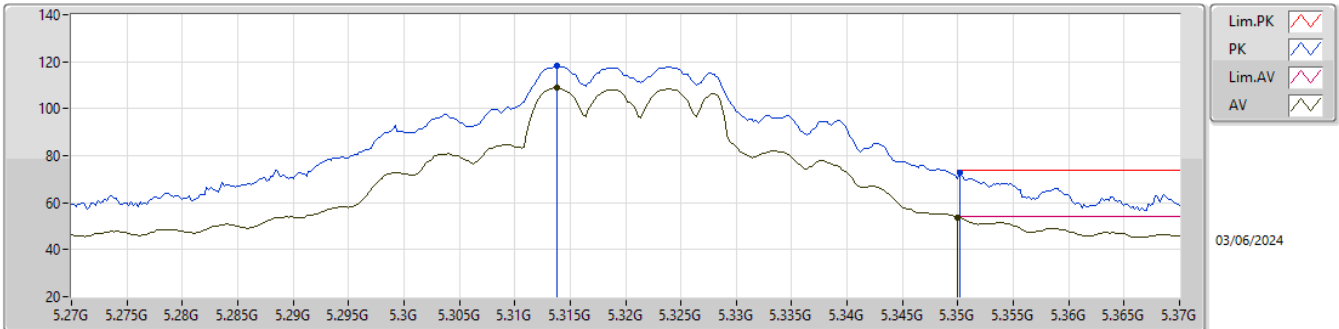
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0)_2TX

5250MHz Straddle 5.15-5.25GHz_TX



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

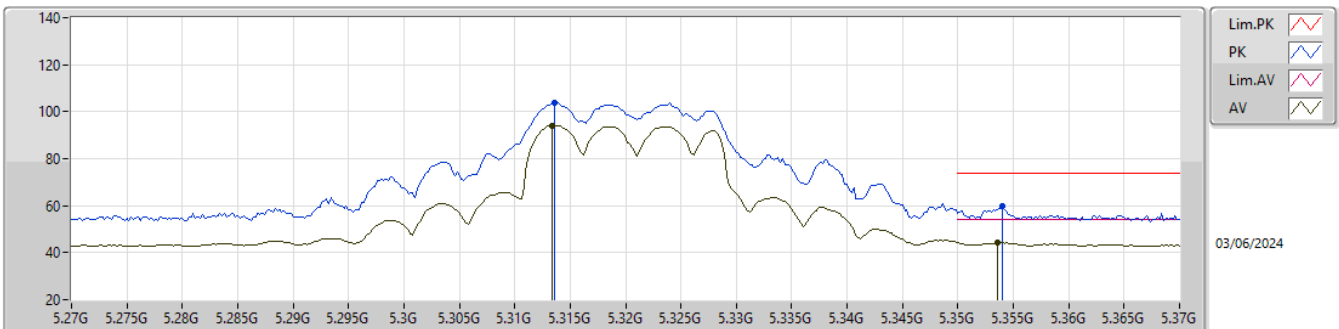
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3138G	108.82	Inf	-Inf	-5.94	3	Vertical	0	1.50	114.76	33.30	4.89	44.13
AV	5.35G	53.65	54.00	-0.35	-5.93	3	Vertical	0	1.50	59.58	33.30	4.91	44.14
PK	5.3138G	118.29	Inf	-Inf	-5.94	3	Vertical	0	1.50	124.23	33.30	4.89	44.13
PK	5.3502G	72.87	74.00	-1.13	-5.93	3	Vertical	0	1.50	78.80	33.30	4.91	44.14

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

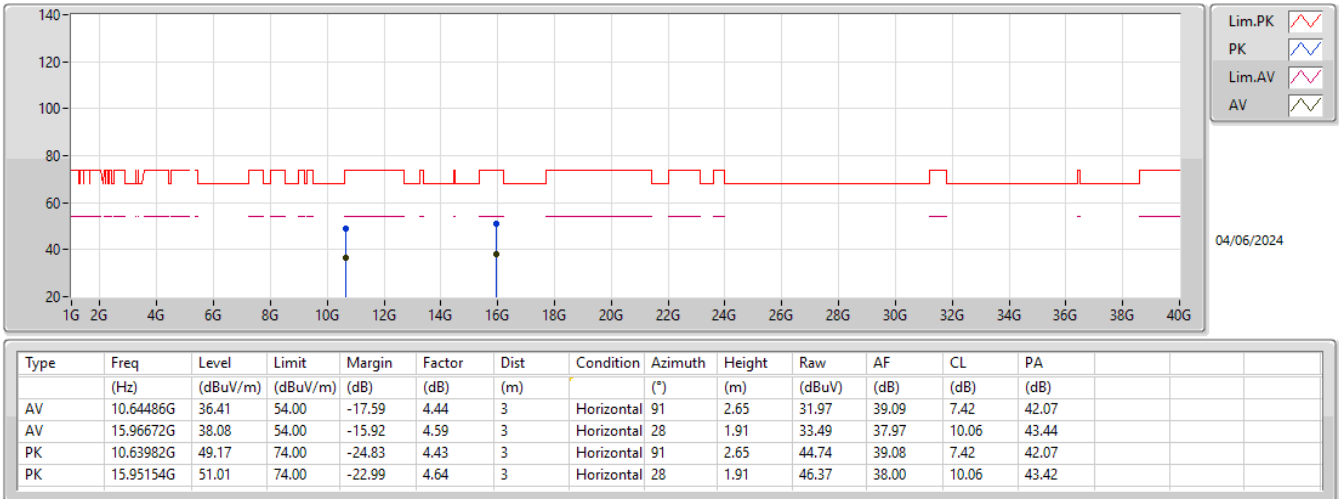
5320MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	5.3134G	94.09	Inf	-Inf	-5.94	3	Horizontal	88	1.50	100.03	33.30	4.89	44.13
AV	5.3536G	44.40	54.00	-9.60	-5.94	3	Horizontal	88	1.50	50.34	33.29	4.91	44.14
PK	5.3136G	103.85	Inf	-Inf	-5.94	3	Horizontal	88	1.50	109.79	33.30	4.89	44.13
PK	5.354G	59.62	74.00	-14.38	-5.94	3	Horizontal	88	1.50	65.56	33.29	4.91	44.14

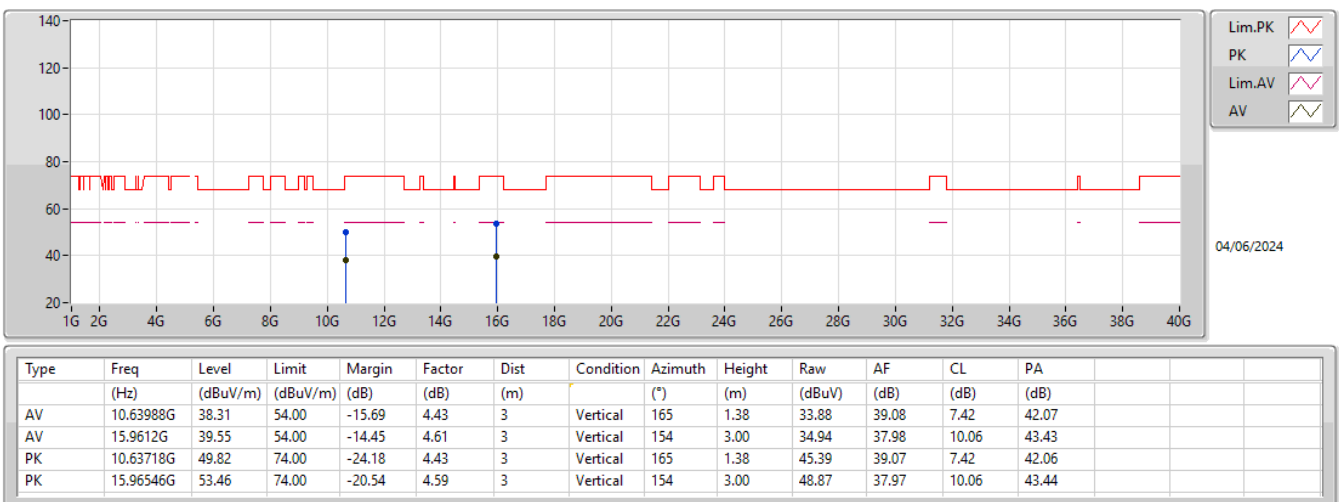
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX



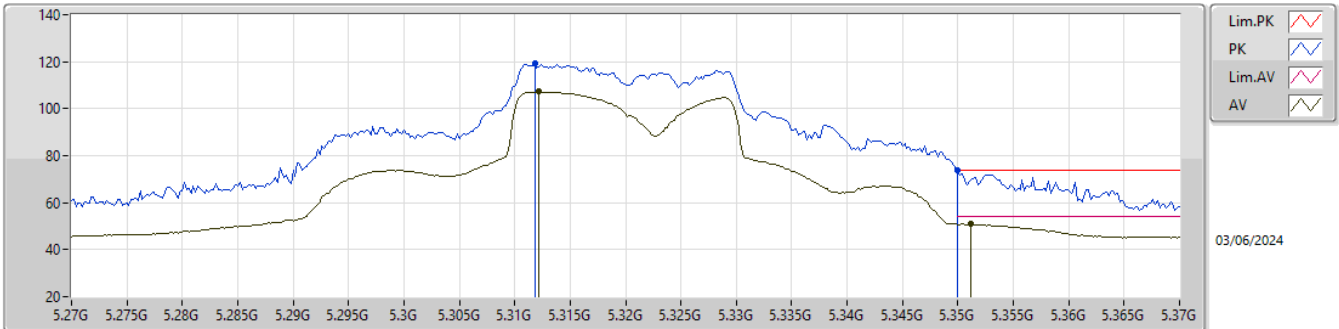
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX



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

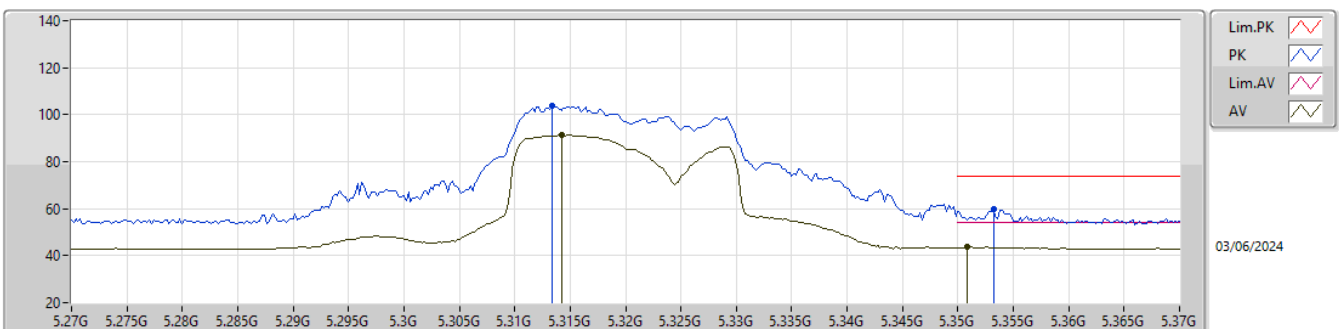
5320MHz_TX



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	5.3122G	107.20	Inf	-Inf	-5.94	3	Vertical	28	1.50	113.14	33.30	4.89	44.13
AV	5.3512G	50.89	54.00	-3.11	-5.93	3	Vertical	28	1.50	56.82	33.30	4.91	44.14
PK	5.3118G	119.28	Inf	-Inf	-5.94	3	Vertical	28	1.50	125.22	33.30	4.89	44.13
PK	5.35G	73.62	74.00	-0.38	-5.93	3	Vertical	28	1.50	79.55	33.30	4.91	44.14

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

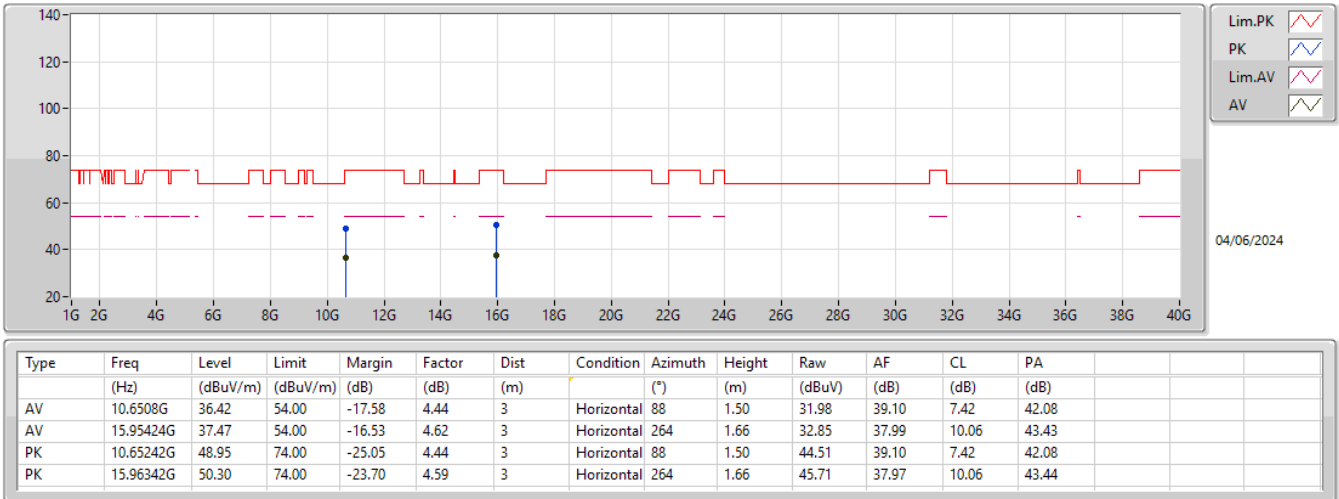
5320MHz_TX



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	5.3142G	91.18	Inf	-Inf	-5.94	3	Horizontal	89	1.50	97.12	33.30	4.89	44.13
AV	5.3508G	43.64	54.00	-10.36	-5.93	3	Horizontal	89	1.50	49.57	33.30	4.91	44.14
PK	5.3134G	103.88	Inf	-Inf	-5.94	3	Horizontal	89	1.50	109.82	33.30	4.89	44.13
PK	5.3532G	59.97	74.00	-14.03	-5.94	3	Horizontal	89	1.50	65.91	33.29	4.91	44.14

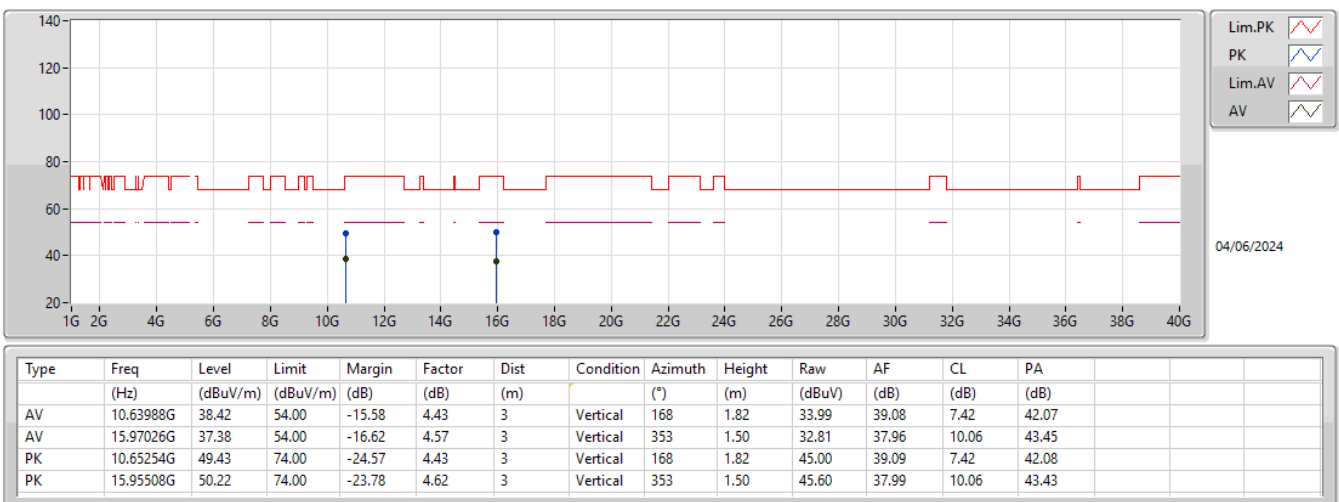
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5320MHz_TX



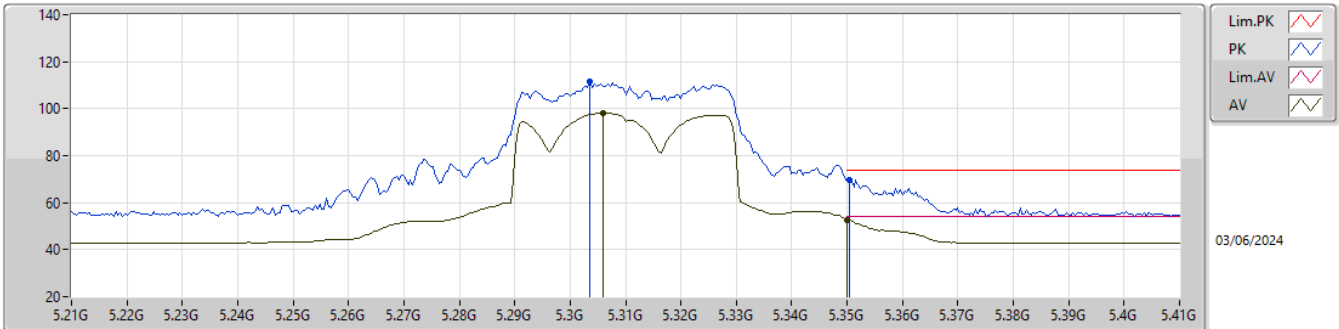
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5320MHz_TX



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

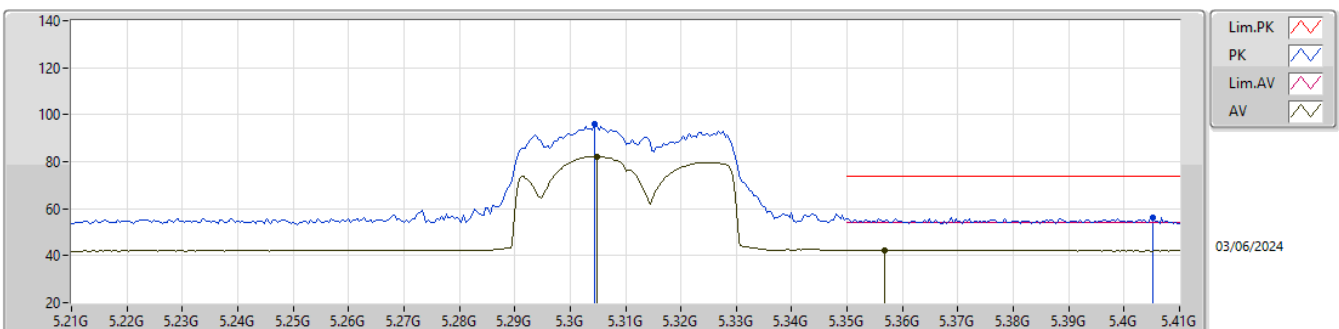
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.306G	98.05	Inf	-Inf	-5.94	3	Vertical	346	1.14	103.99	33.30	4.89	44.13				
AV	5.35G	52.84	54.00	-1.16	-5.93	3	Vertical	346	1.14	58.77	33.30	4.91	44.14				
PK	5.3036G	111.40	Inf	-Inf	-5.94	3	Vertical	346	1.14	117.34	33.30	4.89	44.13				
PK	5.3504G	69.45	74.00	-4.55	-5.93	3	Vertical	346	1.14	75.38	33.30	4.91	44.14				

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

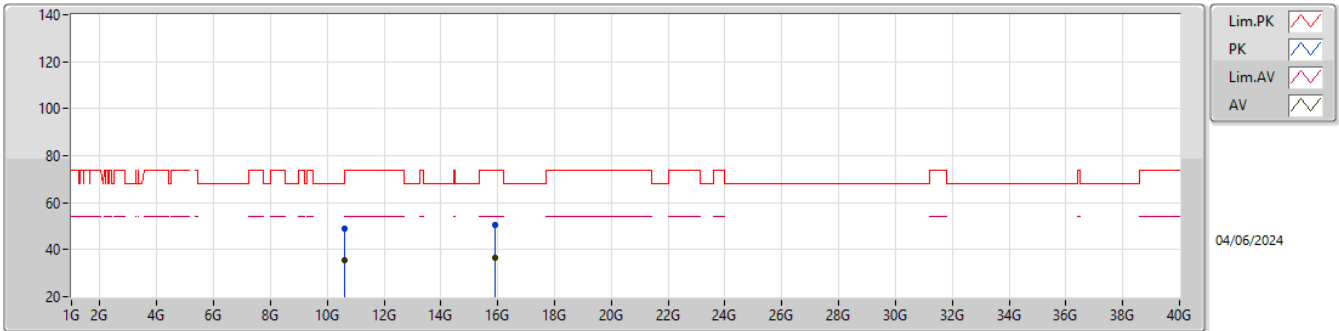
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA				
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)				
AV	5.3048G	82.24	Inf	-Inf	-5.94	3	Horizontal	89	1.65	88.18	33.30	4.89	44.13				
AV	5.3568G	42.25	54.00	-11.75	-5.94	3	Horizontal	89	1.65	48.19	33.29	4.91	44.14				
PK	5.3044G	96.07	Inf	-Inf	-5.94	3	Horizontal	89	1.65	102.01	33.30	4.89	44.13				
PK	5.4052G	56.18	74.00	-17.82	-6.02	3	Horizontal	89	1.65	62.20	33.21	4.93	44.16				

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

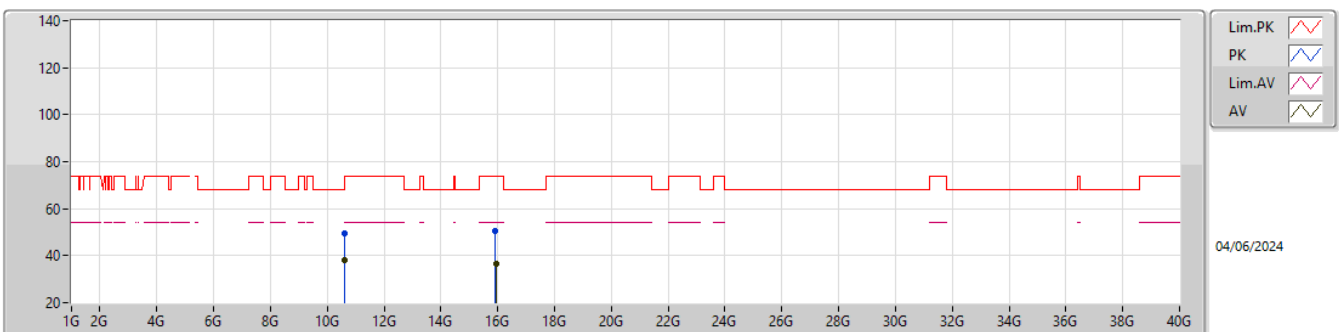
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.61544G	35.53	54.00	-18.47	4.40	3	Horizontal	6	1.50	31.13	39.03	7.41	42.04
AV	15.9288G	36.70	54.00	-17.30	4.60	3	Horizontal	118	1.50	32.10	37.96	10.04	43.40
PK	10.61316G	49.18	74.00	-24.82	4.40	3	Horizontal	6	1.50	44.78	39.03	7.41	42.04
PK	15.92736G	50.27	74.00	-23.73	4.59	3	Horizontal	118	1.50	45.68	37.95	10.04	43.40

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

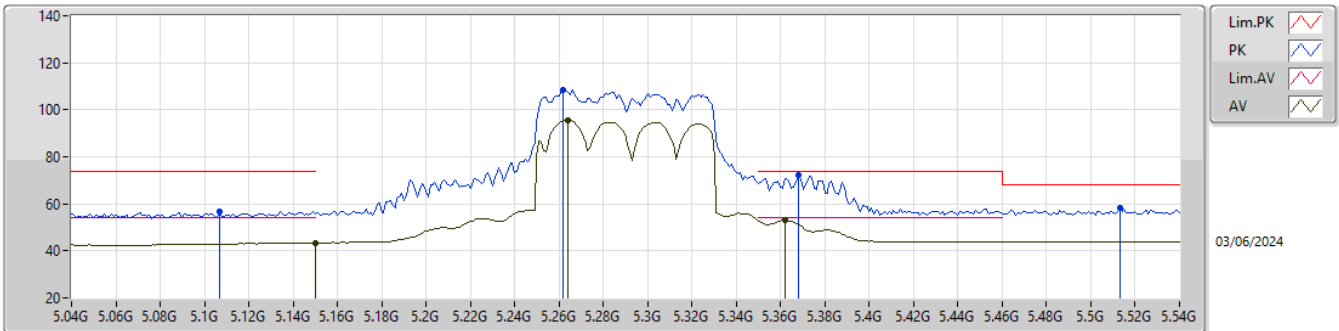
5310MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Raw	AF	CL	PA
(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(dB)	(m)		(°)	(m)	(dBuV)	(dB)	(dB)	(dB)
AV	10.62G	37.99	54.00	-16.01	4.40	3	Vertical	168	1.86	33.59	39.04	7.41	42.05
AV	15.9396G	36.64	54.00	-17.36	4.62	3	Vertical	340	1.50	32.02	37.98	10.05	43.41
PK	10.6206G	49.25	74.00	-24.75	4.40	3	Vertical	168	1.86	44.85	39.04	7.41	42.05
PK	15.92772G	50.30	74.00	-23.70	4.60	3	Vertical	340	1.50	45.70	37.96	10.04	43.40

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

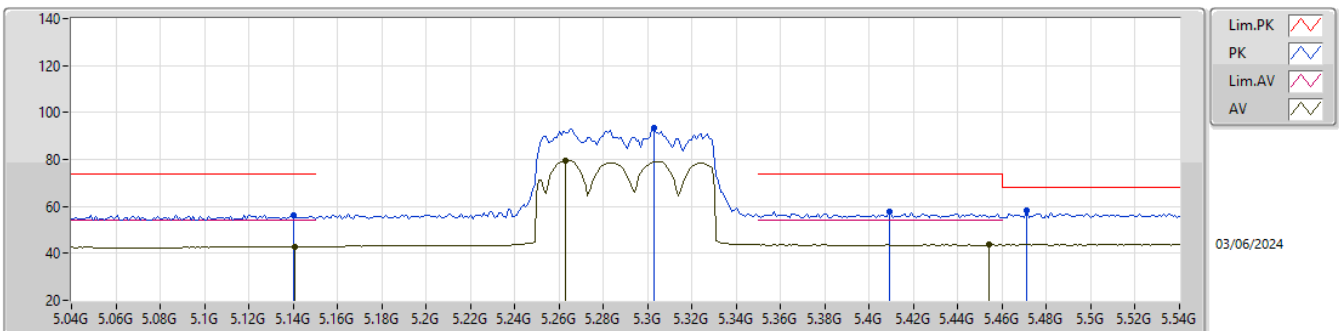
5290MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	43.35	54.00	-10.65	-5.77	3	Vertical	343	1.15	49.12	33.50	4.81	44.08
AV	5.264G	95.54	Inf	-Inf	-5.80	3	Vertical	343	1.15	101.34	33.44	4.87	44.11
AV	5.362G	52.90	54.00	-1.10	-5.96	3	Vertical	343	1.15	58.86	33.28	4.91	44.15
PK	5.107G	56.57	74.00	-17.43	-5.77	3	Vertical	343	1.15	62.34	33.50	4.79	44.06
PK	5.262G	108.30	Inf	-Inf	-5.79	3	Vertical	343	1.15	114.09	33.45	4.87	44.11
PK	5.368G	72.38	74.00	-1.62	-5.97	3	Vertical	343	1.15	78.35	33.26	4.92	44.15
PK	5.513G	58.13	68.20	-10.07	-5.80	3	Vertical	343	1.15	63.93	33.43	4.96	44.19

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

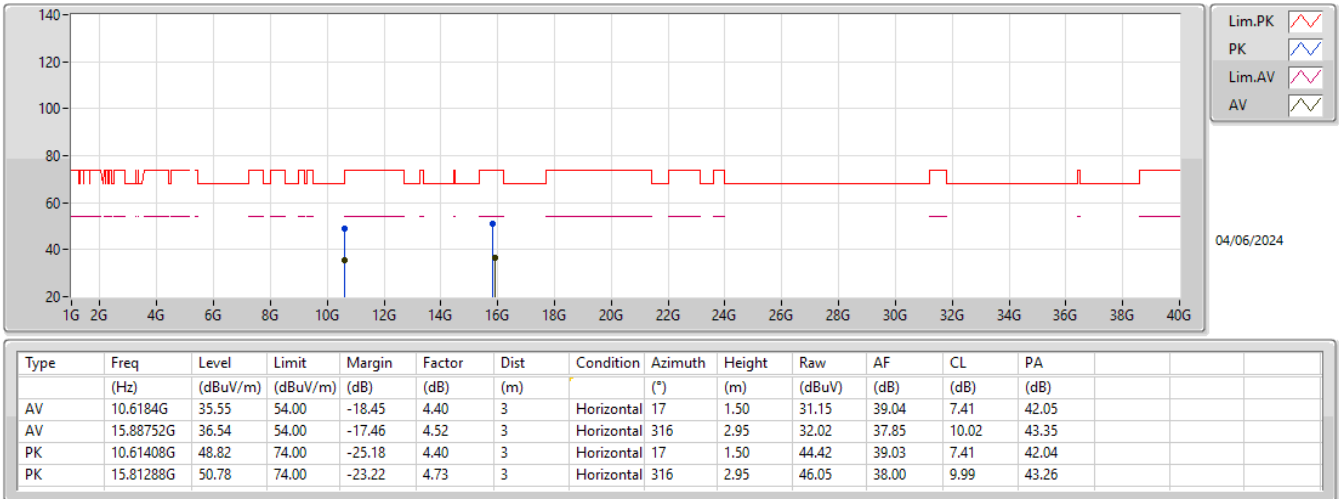
5290MHz_TX



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	5.141G	42.92	54.00	-11.08	-5.77	3	Horizontal	87	1.28	48.69	33.50	4.81	44.08
AV	5.263G	79.72	Inf	-Inf	-5.79	3	Horizontal	87	1.28	85.51	33.45	4.87	44.11
AV	5.454G	43.67	54.00	-10.33	-5.93	3	Horizontal	87	1.28	49.60	33.31	4.94	44.18
PK	5.14G	56.41	74.00	-17.59	-5.76	3	Horizontal	87	1.28	62.17	33.50	4.81	44.07
PK	5.303G	93.32	Inf	-Inf	-5.94	3	Horizontal	87	1.28	99.26	33.30	4.89	44.13
PK	5.409G	57.79	74.00	-16.21	-6.01	3	Horizontal	87	1.28	63.80	33.22	4.93	44.16
PK	5.471G	58.21	68.20	-9.99	-5.89	3	Horizontal	87	1.28	64.10	33.34	4.95	44.18

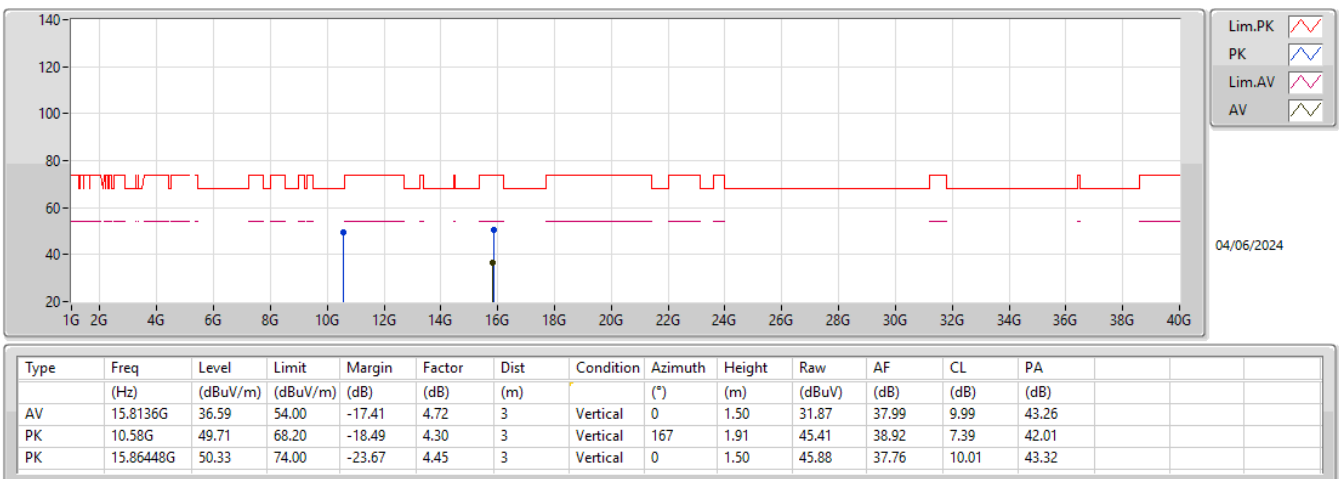
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5290MHz_TX



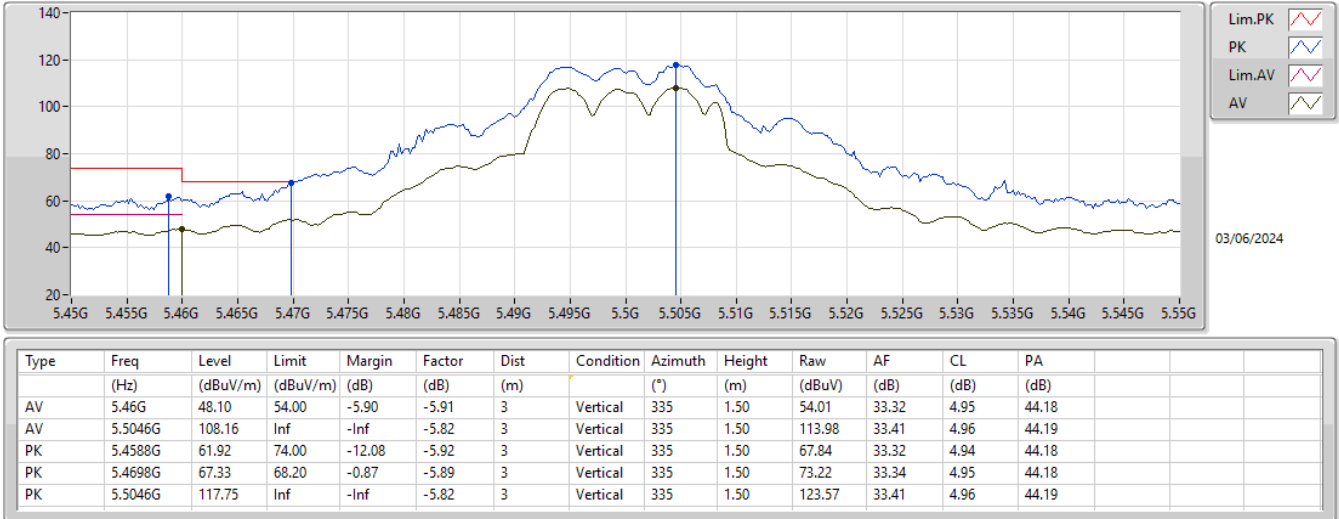
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5290MHz_TX



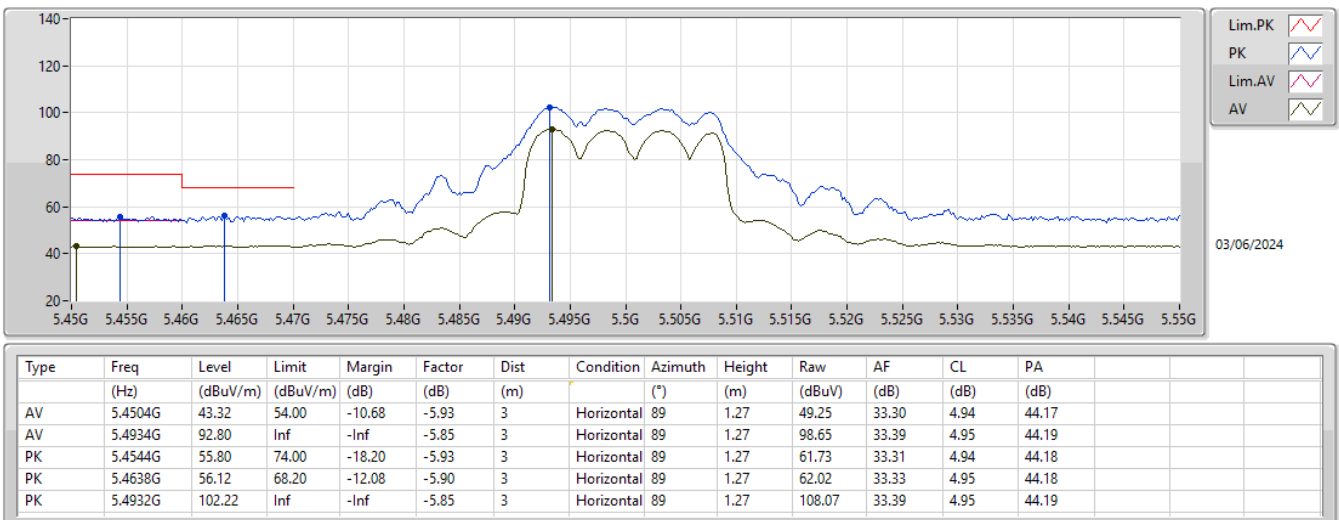
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX



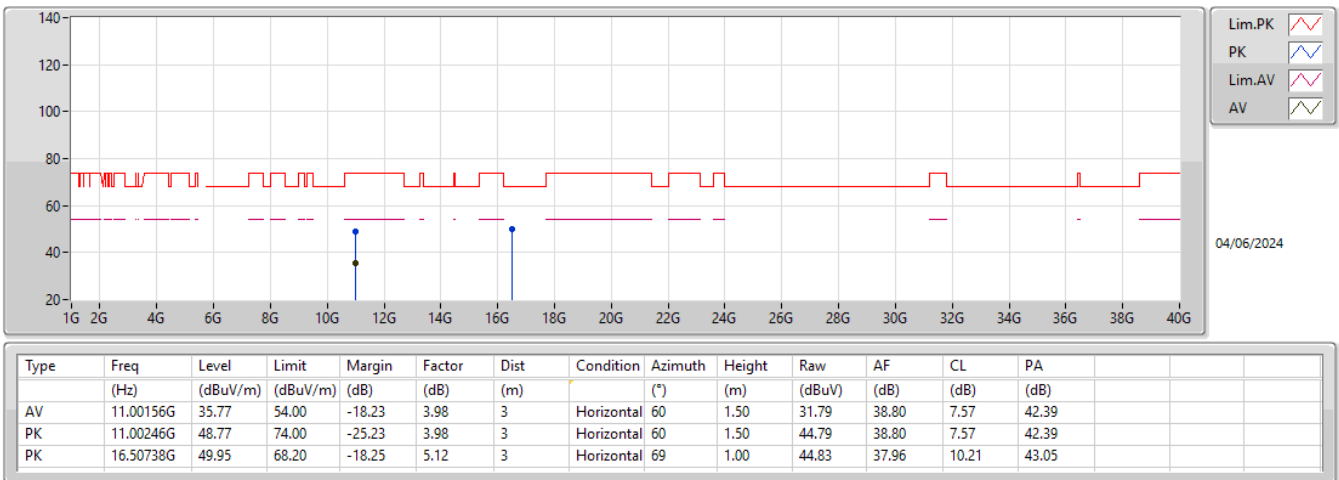
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX



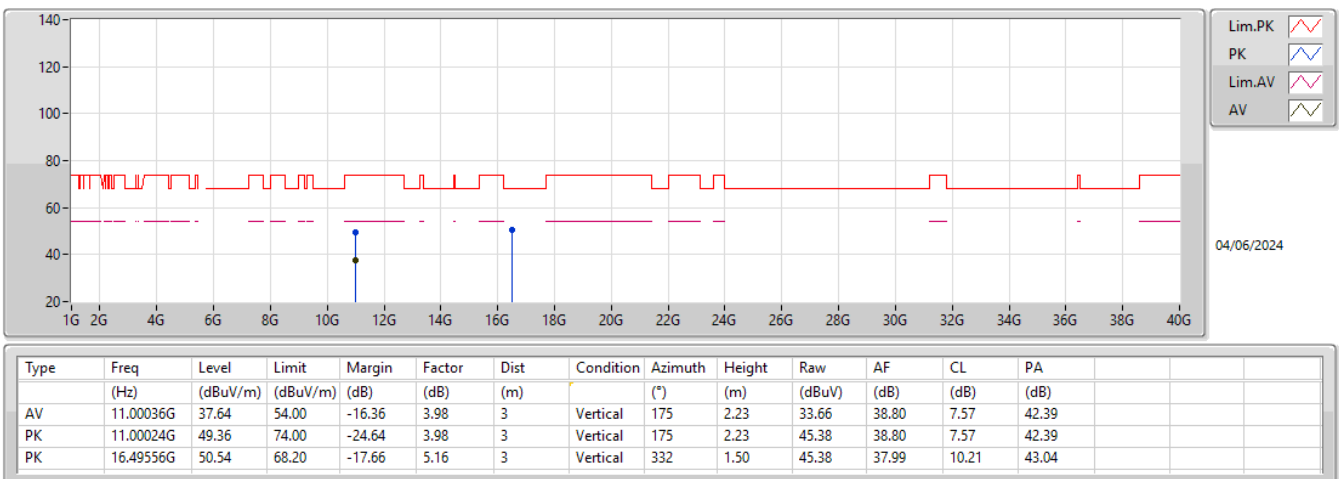
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX



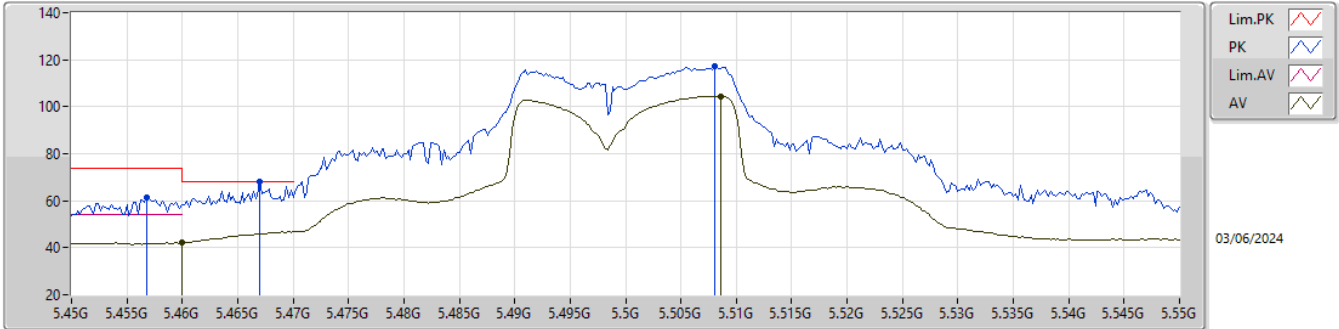
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX



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

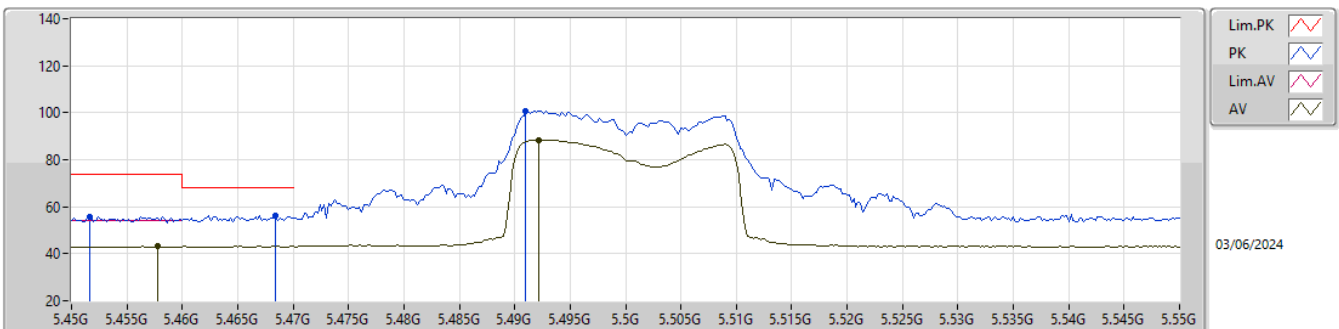
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.46G	42.40	54.00	-11.60	-5.91	3	Vertical	26	1.50	48.31	33.32	4.95	44.18				
AV	5.5086G	104.56	Inf	-Inf	-5.81	3	Vertical	26	1.50	110.37	33.42	4.96	44.19				
PK	5.4568G	61.16	74.00	-12.84	-5.93	3	Vertical	26	1.50	67.09	33.31	4.94	44.18				
PK	5.467G	68.07	68.20	-0.13	-5.90	3	Vertical	26	1.50	73.97	33.33	4.95	44.18				
PK	5.508G	117.02	Inf	-Inf	-5.81	3	Vertical	26	1.50	122.83	33.42	4.96	44.19				

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

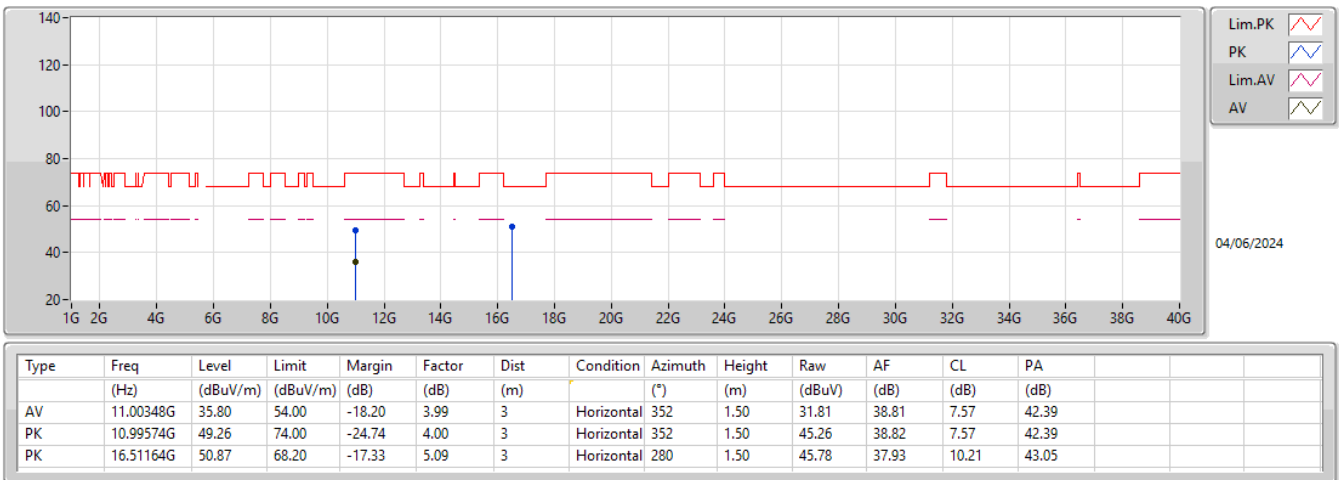
5500MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4578G	43.07	54.00	-10.93	-5.92	3	Horizontal	87	1.00	48.99	33.32	4.94	44.18				
AV	5.4922G	88.25	Inf	-Inf	-5.86	3	Horizontal	87	1.00	94.11	33.38	4.95	44.19				
PK	5.4516G	55.77	74.00	-18.23	-5.93	3	Horizontal	87	1.00	61.70	33.30	4.94	44.17				
PK	5.4684G	56.07	68.20	-12.13	-5.89	3	Horizontal	87	1.00	61.96	33.34	4.95	44.18				
PK	5.491G	100.68	Inf	-Inf	-5.86	3	Horizontal	87	1.00	106.54	33.38	4.95	44.19				

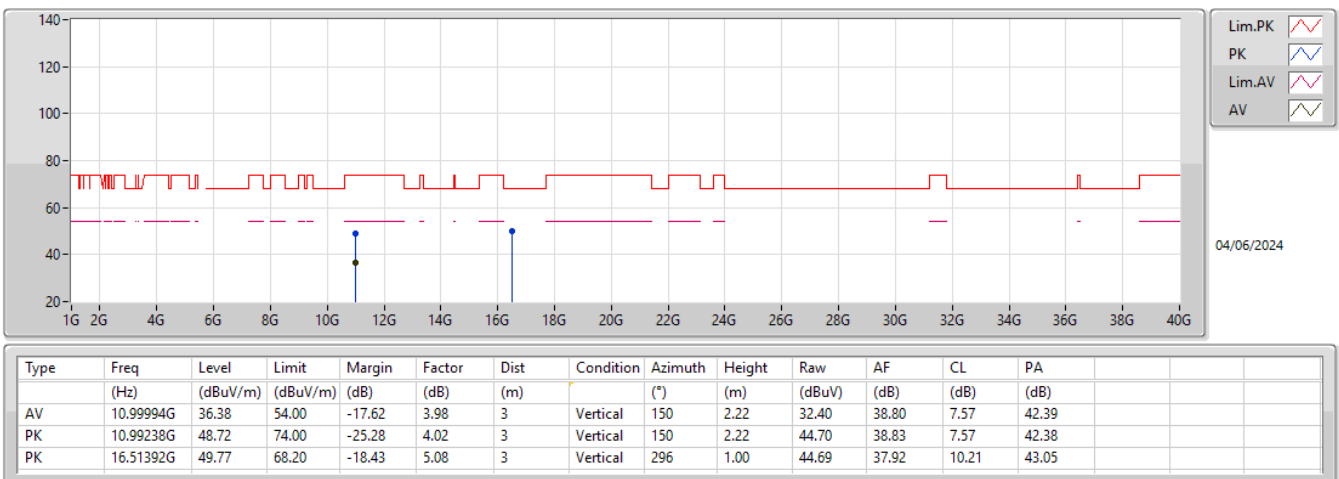
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5500MHz_TX



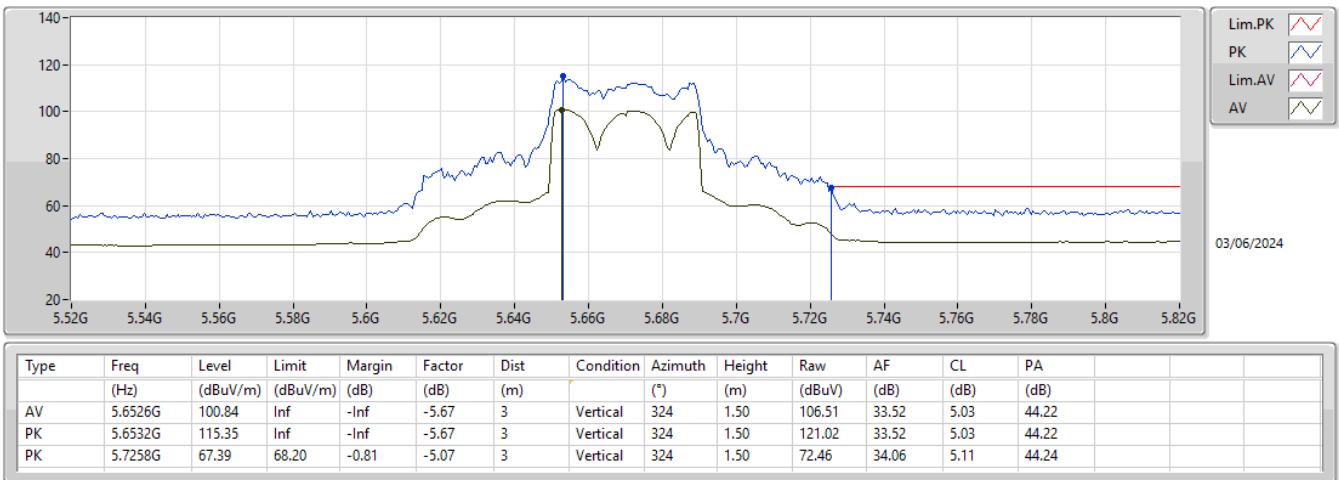
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5500MHz_TX



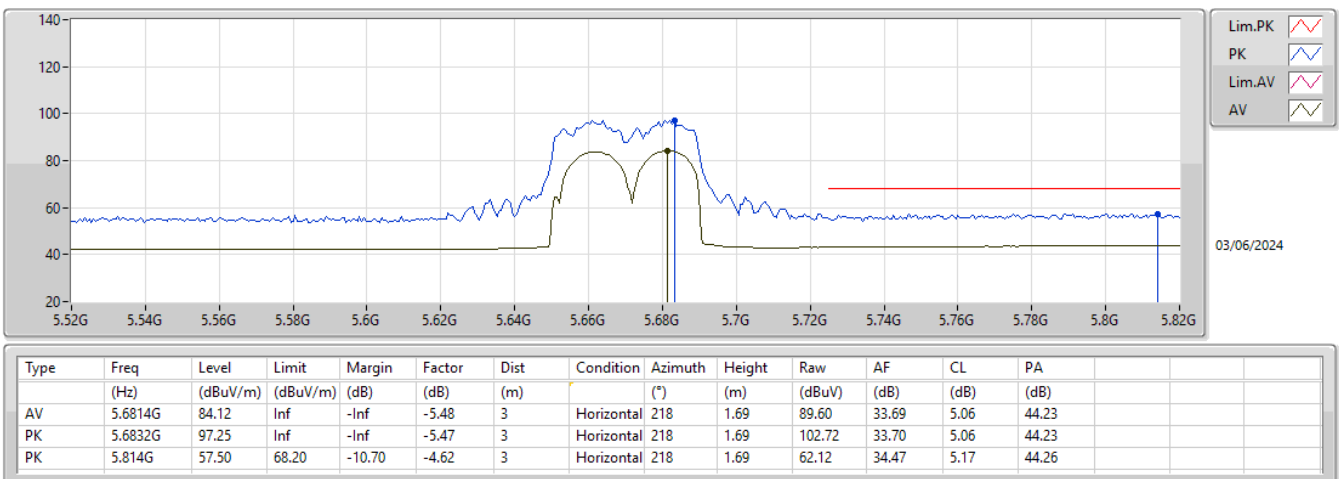
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5670MHz_TX



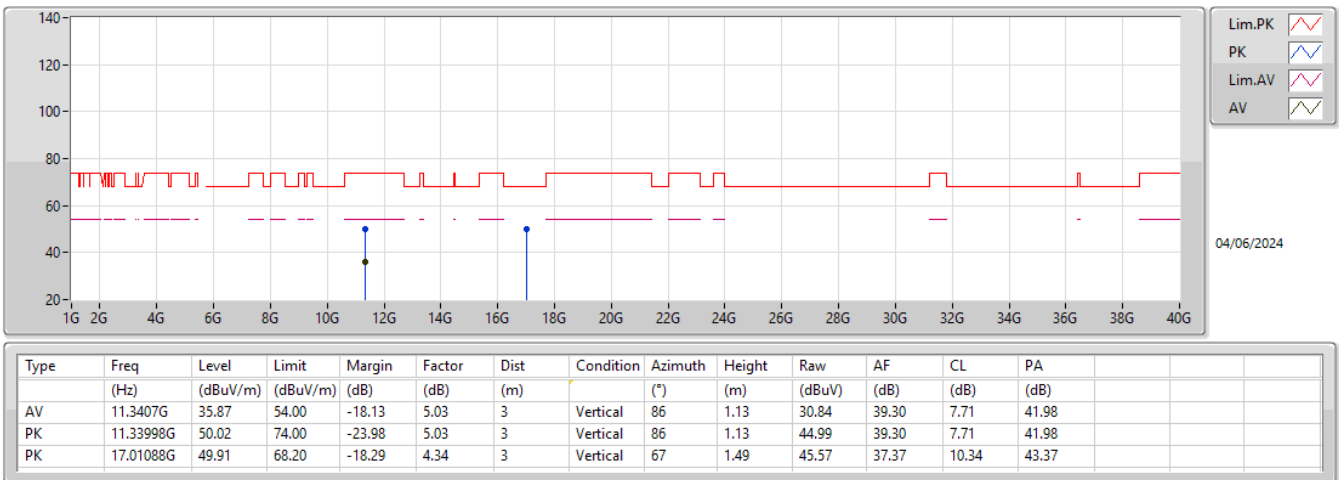
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5670MHz_TX



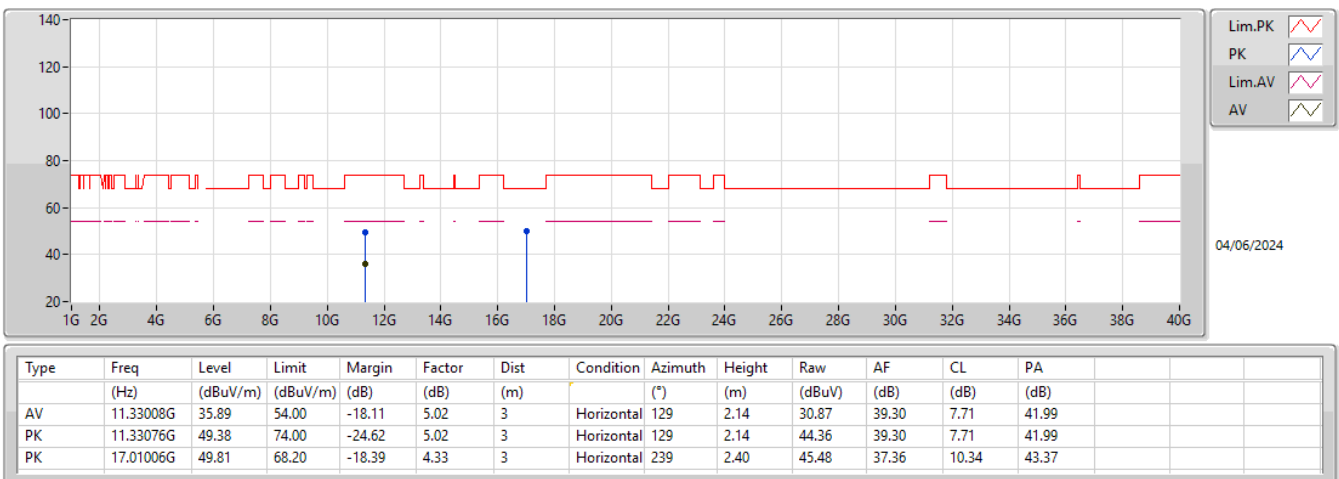
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5670MHz_TX



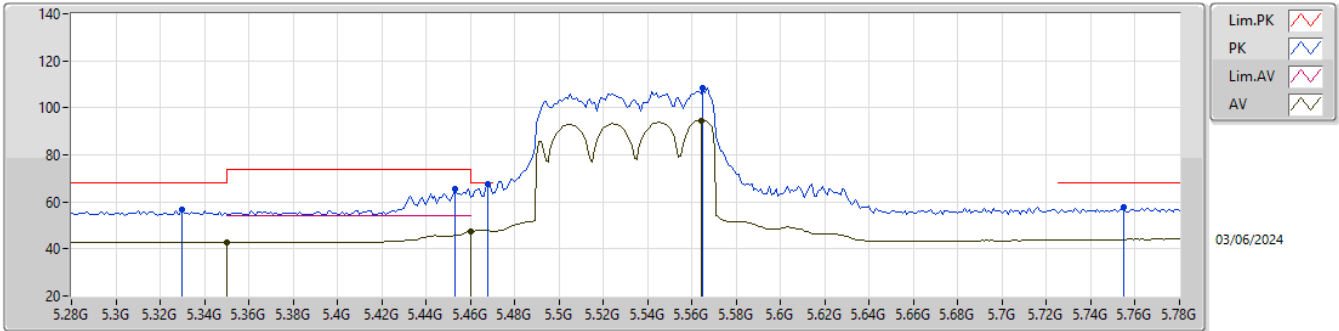
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5670MHz_TX



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

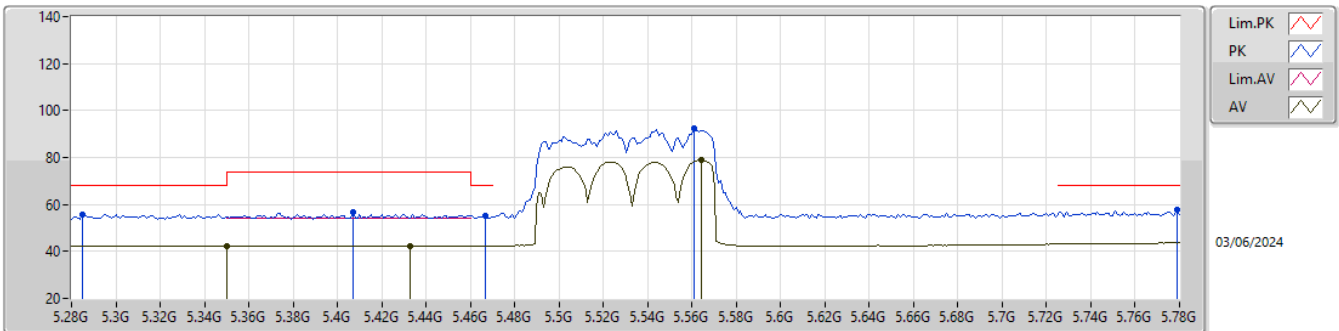
5530MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	42.80	54.00	-11.20	-5.93	3	Vertical	332	1.50	48.73	33.30	4.91	44.14
AV	5.46G	47.30	54.00	-6.70	-5.91	3	Vertical	332	1.50	53.21	33.32	4.95	44.18
AV	5.564G	94.68	Inf	-Inf	-5.76	3	Vertical	332	1.50	100.44	33.47	4.97	44.20
PK	5.33G	56.79	68.20	-11.41	-5.94	3	Vertical	332	1.50	62.73	33.30	4.90	44.14
PK	5.453G	65.58	74.00	-8.42	-5.92	3	Vertical	332	1.50	71.50	33.31	4.94	44.17
PK	5.468G	67.82	68.20	-0.38	-5.89	3	Vertical	332	1.50	73.71	33.34	4.95	44.18
PK	5.565G	108.34	Inf	-Inf	-5.76	3	Vertical	332	1.50	114.10	33.47	4.97	44.20
PK	5.755G	57.51	68.20	-10.69	-4.80	3	Vertical	332	1.50	62.31	34.32	5.13	44.25

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

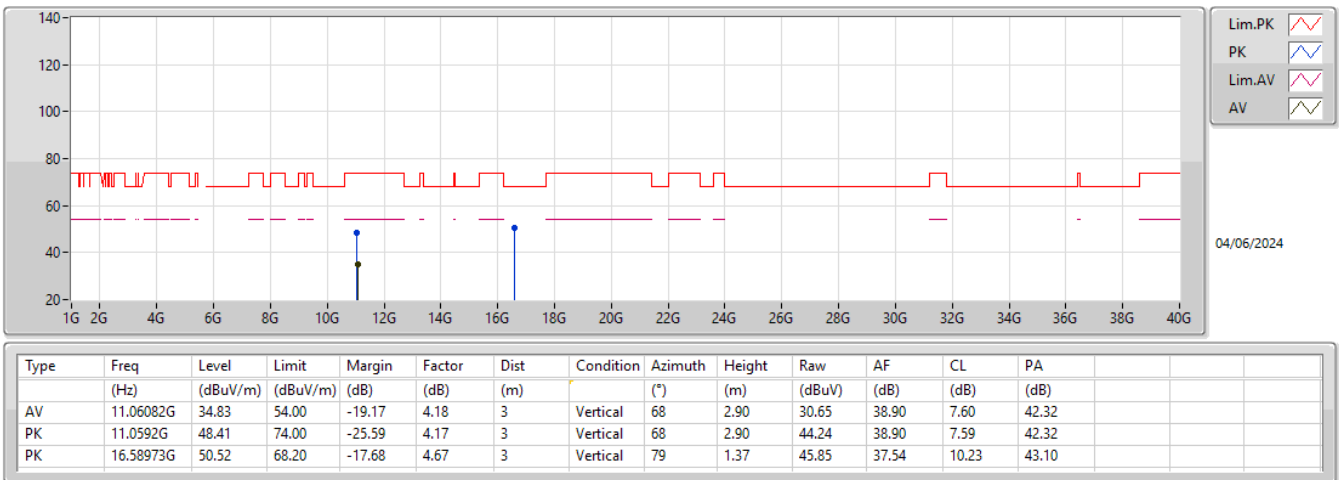
5530MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	42.14	54.00	-11.86	-5.93	3	Horizontal	89	1.36	48.07	33.30	4.91	44.14
AV	5.433G	42.29	54.00	-11.71	-5.96	3	Horizontal	89	1.36	48.25	33.27	4.94	44.17
AV	5.564G	78.93	Inf	-Inf	-5.76	3	Horizontal	89	1.36	84.69	33.47	4.97	44.20
PK	5.285G	55.63	68.20	-12.57	-5.88	3	Horizontal	89	1.36	61.51	33.36	4.88	44.12
PK	5.407G	56.67	74.00	-17.33	-6.02	3	Horizontal	89	1.36	62.69	33.21	4.93	44.16
PK	5.467G	55.16	68.20	-13.04	-5.90	3	Horizontal	89	1.36	61.06	33.33	4.95	44.18
PK	5.561G	92.23	Inf	-Inf	-5.75	3	Horizontal	89	1.36	97.98	33.48	4.97	44.20
PK	5.779G	57.90	68.20	-10.30	-4.67	3	Horizontal	89	1.36	62.57	34.42	5.16	44.25

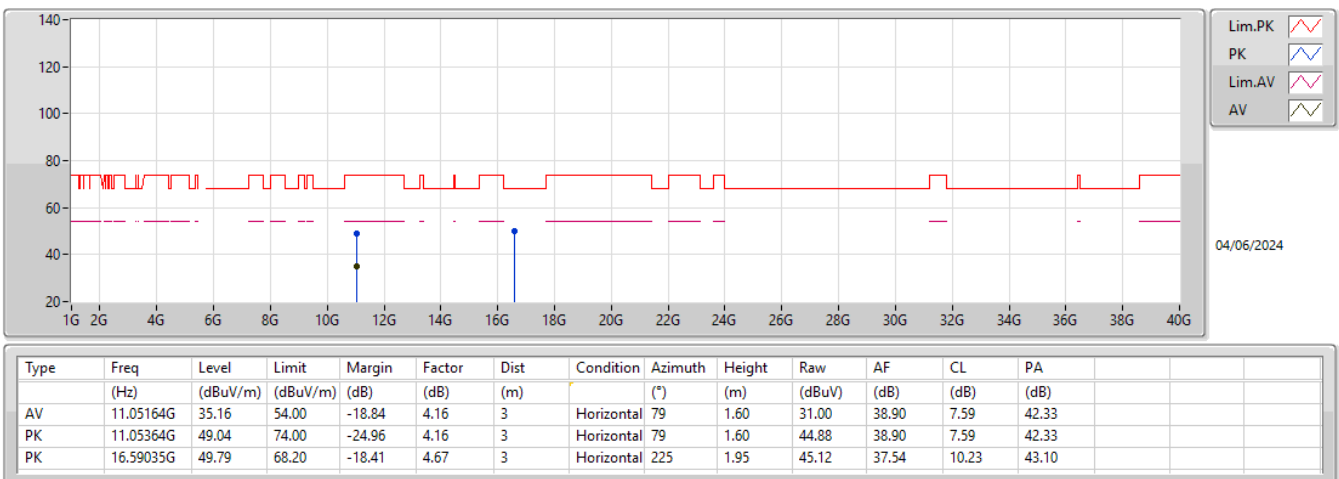
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5530MHz_TX



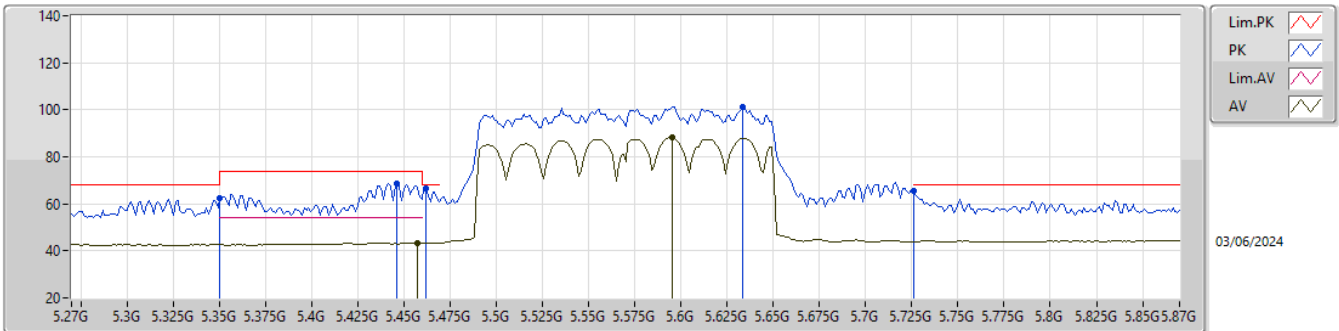
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5530MHz_TX



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

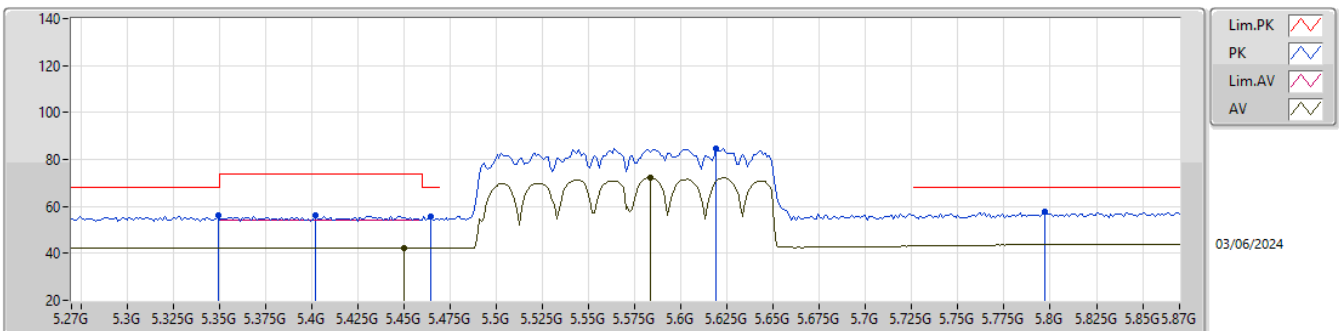
5570MHz_TX



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	5.4572G	43.42	54.00	-10.58	-5.93	3	Vertical	325	1.50	49.35	33.31	4.94	44.18
AV	5.5952G	88.19	Inf	-Inf	-5.82	3	Vertical	325	1.50	94.01	33.41	4.98	44.21
PK	5.35G	62.42	74.00	-11.58	-5.93	3	Vertical	325	1.50	68.35	33.30	4.91	44.14
PK	5.4464G	68.61	74.00	-5.39	-5.94	3	Vertical	325	1.50	74.55	33.29	4.94	44.17
PK	5.462G	66.40	68.20	-1.80	-5.91	3	Vertical	325	1.50	72.31	33.32	4.95	44.18
PK	5.6336G	101.29	Inf	-Inf	-5.74	3	Vertical	325	1.50	107.03	33.47	5.01	44.22
PK	5.726G	65.69	68.20	-2.51	-5.07	3	Vertical	325	1.50	70.76	34.06	5.11	44.24

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

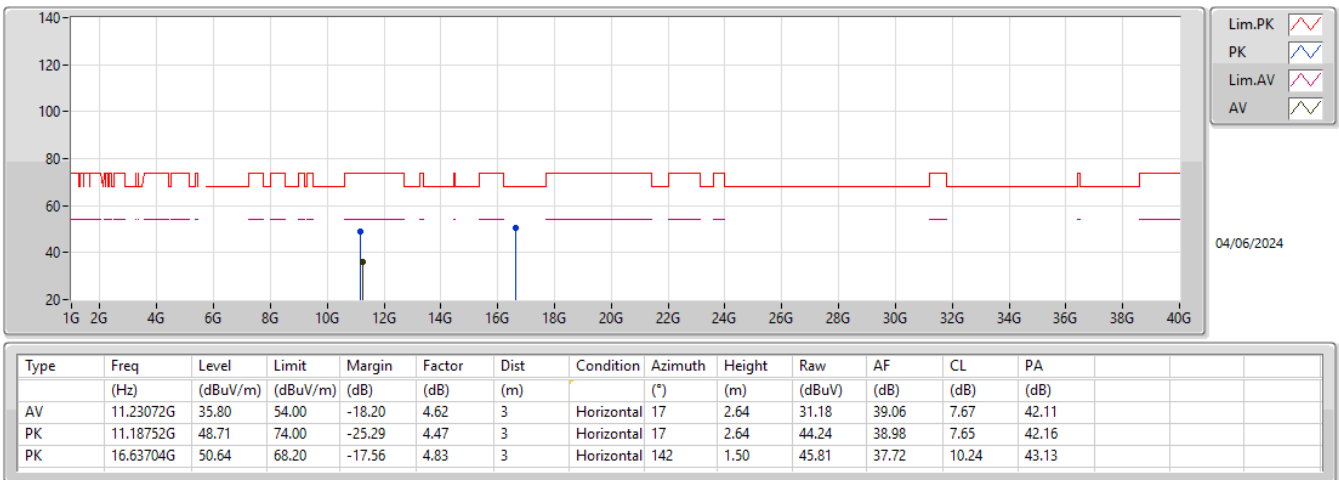
5570MHz_TX



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	5.45G	42.30	54.00	-11.70	-5.93	3	Horizontal	89	1.21	48.23	33.30	4.94	44.17
AV	5.5832G	72.22	Inf	-Inf	-5.80	3	Horizontal	89	1.21	78.02	33.43	4.98	44.21
PK	5.3492G	55.99	68.20	-12.21	-5.93	3	Horizontal	89	1.21	61.92	33.30	4.91	44.14
PK	5.402G	56.11	74.00	-17.89	-6.03	3	Horizontal	89	1.21	62.14	33.20	4.93	44.16
PK	5.4644G	55.86	68.20	-12.34	-5.90	3	Horizontal	89	1.21	61.76	33.33	4.95	44.18
PK	5.6192G	84.55	Inf	-Inf	-5.78	3	Horizontal	89	1.21	90.33	33.44	5.00	44.22
PK	5.7968G	57.54	68.20	-10.66	-4.59	3	Horizontal	89	1.21	62.13	34.49	5.18	44.26

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

5570MHz_TX



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

5570MHz_TX

