

FCC Radio Test Report

FCC ID : UDX-600215010
Equipment : Cisco Wireless 9172H Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9172H
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Oct. 30, 2024, and testing was started from Nov. 26, 2024 and completed on Dec. 22, 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	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Barry Hsiao

Report Producer: Debby Hung

1 General Description

1.1 Information

Radio 3 (Scan radio) is only RX function.

1.1.1 RF General Information

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

Non-Beamforming_Radio 2_1T1S_Full RU

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.47-5.725GHz	802.11be EHT20	20	1TX
5.725-5.85GHz	802.11be EHT20	20	1TX
5.47-5.725GHz	802.11be EHT40	40	1TX
5.725-5.85GHz	802.11be EHT40	40	1TX
5.47-5.725GHz	802.11be EHT80	80	1TX
5.725-5.85GHz	802.11be EHT80	80	1TX
5.47-5.725GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 2_1T1S_Multi-RU

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11be EHT80	80	1TX
5.725-5.85GHz	802.11be EHT80	80	1TX
5.47-5.725GHz	802.11be EHT160	160	1TX

Non-Beamforming_Radio 2_2T1S_Full RU

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

Non-Beamforming_Radio 2_2T1S_Multi-RU

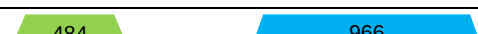
Band	Mode	BWch	Nant
5.47-5.725GHz	802.11be EHT80	80	2TX
5.725-5.85GHz	802.11be EHT80	80	2TX
5.47-5.725GHz	802.11be EHT160	160	2TX

Beamforming

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11be EHT20-BF	20	2TX
5.725-5.85GHz	802.11be EHT20-BF	20	2TX
5.47-5.725GHz	802.11be EHT40-BF	40	2TX
5.725-5.85GHz	802.11be EHT40-BF	40	2TX
5.47-5.725GHz	802.11be EHT80-BF	80	2TX
5.725-5.85GHz	802.11be EHT80-BF	80	2TX
5.47-5.725GHz	802.11be EHT160-BF	160	2TX

MRU (static preamble puncturing)

RU-tone	MRU (static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH						
		80	CH 42	CH 58	CH 106	CH 122	CH 138	CH 155	CH 171
484+242	1		-	X	-	X	X	X	X
	2		X	X	X	X	X	X	X
	3		X	X	X	X	X	X	X
	4		X	-	X	X	-	X	-

RU-tone	MRU (static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH		
		160	CH50	CH114	CH163
996+484	1		-	X	-
	2		X	X	X
	3		X	X	X
	4		X	-	X
996+484 +242	1		-	X	X
	2		X	X	X
	3		X	X	X
	4		X	X	X

RU-tone	MRU	Bandwidth(MHz)	5GHz Test CH		
	5		X	X	X
	6		X	X	X
	7		X	X	X
	8		X	-	X

Note:

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

1.1.2 Worst case of MRU(static preamble puncturing) evaluation procedure

1. Complete test Full RU BE & PSD
2. Measure the PSD of each MRU(static preamble puncturing) by conducted method and it is less than the Full RU conducted PSD.
3. Measure the Band edge emission of each MRU(static preamble puncturing) by conducted method and find out the MRU(static preamble puncturing) worst case configuration.
4. Follow step 3 to find the worst MRU(static preamble puncturing) configuration and perform radiated unwanted emission testing.
5. Confirm whether the worst MRU(static preamble puncturing) configuration setting in steps 3 and step 4 is the same. If there is a channel where the setting drops due to the test in step 4, the PSD of MRU(static preamble puncturing) needs to be retested.

1.1.3 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Sercomm	61720064WA	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
2	Sercomm	61720065WA	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
3	Sercomm	61720062WA	PIFA	I-Pex	6G	Radio 2
4	Sercomm	61720063WA	PIFA	I-Pex	6G	Radio 2
5	Sercomm	61720067WA	PIFA	I-Pex	2.4G/5G/6G	Radio 3
6	Sercomm	61720066WA	PIFA	I-Pex	BT	BT

Ant.	Port	Gain (dBi)									
		2.4G	5G				6G				BT
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1	1	2.68	4.35	5.91	5.86	5	-	-	-	-	-
2	2	2.04	3.5	3.74	5.92	4.6	-	-	-	-	-
3	1	-	-	-	-	-	5.04	4.33	4.45	4.49	-
4	2	-	-	-	-	-	2.88	2.88	3.11	2.92	-
5	1	1.05	4.02	4.78	3.61	2.68	3.33	2.51	1.64	1.01	-
6	1	-	-	-	-	-	-	-	-	-	4.57

Composite Gain (dBi)										
Ant.	Wi-Fi Mode	2.4G	5G				6G			
		Radio 1	Radio 2				Radio 2			
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1-2	DG [1SS]	2.86	6.34	6.89	7.56	6.98	-	-	-	-
	DG [2SS]	2.68	4.35	5.91	5.92	5	-	-	-	-
3-4	DG [1SS]	-	-	-	-	-	5.27	5.41	6.31	6.38
	DG [2SS]	-	-	-	-	-	5.04	4.33	4.45	4.49

Note 1: The EUT has six antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v01 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP481514-01.

For 2.4GHz function:

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

Ant. 1 (port 1) could transmit/receive.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/2RX) (Radio 1)

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

For IEEE 802.11 b/g/n/VHT/ax mode (1RX) (Radio 3)

Ant. 5 (port 1) could receive.

**For 5GHz function:**

For IEEE 802.11 a/n/ac/ax/be mode (1TX/1RX) (Radio 2)

Ant. 1 (port 1) could transmit/receive.

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

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

For IEEE 802.11 a/n/ac/ax mode (1RX) (Radio 3)

Ant. 5 (port 1) could receive.

For BT function:

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

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

For 6GHz function:

For IEEE 802.11 ax/be mode (1TX/1RX) (Radio 2)

Ant. 3 (port 1) could transmit/receive.

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

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

For IEEE 802.11 ax mode (1RX) (Radio 3)

Ant. 5 (port 1) could receive.

1.1.4 EUT Information

Operational Condition			
EUT Power Type	From PoE		
EUT Function	☐	Outdoor AP	☒ Indoor AP
	☐	Fixed P2P AP	☐ Client
Beamforming Function	☒	With beamforming	☐ Without beamforming
TPC Function	☒	With TPC Function	☐ Without TPC Function
Weather Band	☒	With 5600~5650MHz	☐ Without 5600~5650MHz
Resource Unit	☒	Full RU	☐ Partial RU
	☒	MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.5 Mode Test Duty Cycle

Non-Beamforming_Radio 2_1T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.992	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Non-Beamforming_Radio 2_1T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(MCS0),RU484+RU242 CP 3_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss 1,(MCS0),RU996+RU484+RU242 CP 7_1TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss 1,(MCS0),RU996+RU484 CP 3_1TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Non-Beamforming_Radio 2_2T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Non-Beamforming_Radio 2_2T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

Beamforming

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_2TX	0.998	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_2TX	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)



1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ KDB 789033 D02 v02r01

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

- ♦ KDB 662911 D01 v02r01
- ♦ KDB 662911 D03 v01
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
(TAF: 3785)	TEL: 886-3-327-3456	FAX: 886-3-327-0973		
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego Lin	22.1~23.6°C / 53~58%	06/Dec/2024
RF Conducted	TH07-HY	Alan Chien	22.2~23.5°C / 46~57%	09/Dec/2024~22/Dec/2024
Radiated	03CH03-HY	Ian Liou	19.1~20.5°C / 50~55%	26/Nov/2024~03/Dec/2024
Radiated (Multi-RU)	03CH03-HY	Vasari Huang	20.3~21.8°C / 50~55%	19/Dec/2024~21/Dec/2024
Radiated (Co-location)	03CH02-HY	Daniel Lin	19.8~21.2°C / 51~54%	05/Dec/2024
☐ Wenhua 3rd.	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
(TAF: 3785)	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
AC Power-line Conducted Emissions	4.53 dB	Confidence levels of 95%
Emission Bandwidth	3 MHz	Confidence levels of 95%
Maximum Conducted Output Power	2 dB	Confidence levels of 95%
Power Spectral Density	2 dB	Confidence levels of 95%
Unwanted Emissions	4.8 dB	Confidence levels of 95%
Receiver Radiated 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_00099.1
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Non-Beamforming_Radio 2_1T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5500MHz	22
5580MHz	22
5700MHz	22
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
802.11be EHT20_Nss1,(MCS0)_1TX	-
5500MHz	22
5580MHz	22
5700MHz	22
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
802.11be EHT40_Nss1,(MCS0)_1TX	-
5510MHz	22
5550MHz	22
5670MHz	22
5710MHz Straddle 5.47-5.725GHz	22
5710MHz Straddle 5.725-5.85GHz	22
802.11be EHT80_Nss1,(MCS0)_1TX	-
5530MHz	21.5
5610MHz	22
5690MHz Straddle 5.47-5.725GHz	22
5690MHz Straddle 5.725-5.85GHz	22
802.11be EHT160_Nss1,(MCS0)_1TX	-
5570MHz	22

**Non-Beamforming_Radio 2_1T1S_Multi-RU**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-
5530MHz	17.5
5610MHz	19.5
5690MHz Straddle 5.47-5.725GHz	19.5
5690MHz Straddle 5.725-5.85GHz	19.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	-
5570MHz	16.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX	-
5570MHz	17

Non-Beamforming_Radio 2_2T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5500MHz	20
5580MHz	20.5
5700MHz	20
5720MHz Straddle 5.47-5.725GHz	20
5720MHz Straddle 5.725-5.85GHz	20
802.11be EHT20_Nss1,(MCS0)_2TX	-
5500MHz	20.5
5580MHz	21
5700MHz	20.5
5720MHz Straddle 5.47-5.725GHz	20.5
5720MHz Straddle 5.725-5.85GHz	20.5
802.11be EHT40_Nss1,(MCS0)_2TX	-
5510MHz	20.5
5550MHz	21
5670MHz	21
5710MHz Straddle 5.47-5.725GHz	21.5
5710MHz Straddle 5.725-5.85GHz	21.5
802.11be EHT80_Nss1,(MCS0)_2TX	-
5530MHz	20
5610MHz	21
5690MHz Straddle 5.47-5.725GHz	21
5690MHz Straddle 5.725-5.85GHz	21
802.11be EHT160_Nss1,(MCS0)_2TX	-
5570MHz	20.5

**Non-Beamforming_Radio 2_2T1S_Multi-RU**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5530MHz	16
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5610MHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5690MHz Straddle 5.47-5.725GHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5690MHz Straddle 5.725-5.85GHz	19
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-
5570MHz	17
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-
5570MHz	14

Beamforming

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-
5500MHz	19.5
5580MHz	19.5
5700MHz	19
5720MHz Straddle 5.47-5.725GHz	20
5720MHz Straddle 5.725-5.85GHz	20
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-
5510MHz	19.5
5550MHz	19.5
5670MHz	19.5
5710MHz Straddle 5.47-5.725GHz	20
5710MHz Straddle 5.725-5.85GHz	20
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-
5530MHz	19
5610MHz	19.5
5690MHz Straddle 5.47-5.725GHz	19.5
5690MHz Straddle 5.725-5.85GHz	19.5
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-
5570MHz	19.5

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE mode		
Operating Mode > 1GHz	CTX		
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:WLAN 2.4G+Radio 2: WLAN 5G+ Radio 2: WLAN 6G+ Bluetooth
Refer to Sporton Test Report No.: FA481514-01 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Bracket wall mount	Brand Name	Cisco	Model Name	CW-MNT-H1
RJ45 Cable (main source)	Brand Name	TUNG-LI	Model Name	5U422WC880L0B/D065MM-1
	Category	Cat5e	In/Out door	Indoor
	Signal Line	0.05meter,non-shielded cable		
RJ45 Cable (2nd source)	Brand Name	NIEN-YI	Model Name	NYS6142
	Category	Cat5e	In/Out door	Indoor
	Signal Line	0.05meter,non-shielded cable		

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

2.4 Support Equipment

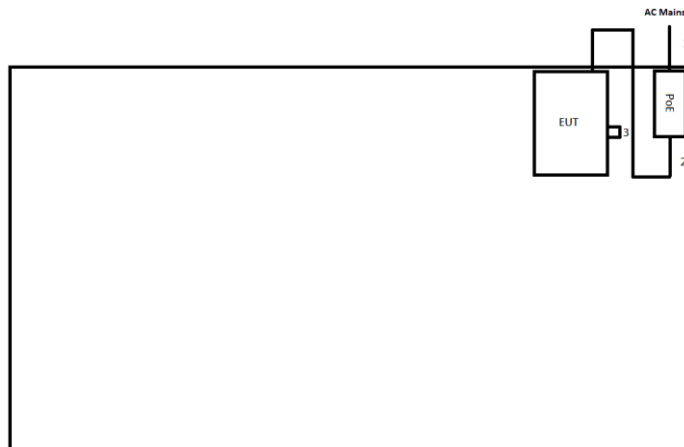
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	AC power cable	Power sync	PW-GPC180-3	-	-
3	PoE	PHIHONG	POE60U-BTA(X664-R)	-	Provided by Customer

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

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	Provided by Customer
2	AC power cable	Power sync	PW-GPC180-3	-	Remote
3	PoE	PHIHONG	POE60U-BTA(X664-R)	-	Remote

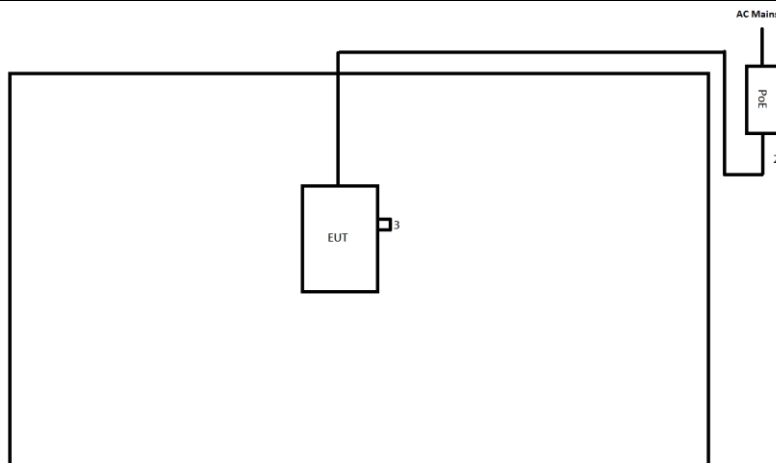
2.5 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	RJ-45 Cable	No	0.05	-

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length(m)	Remark
1	AC power cable	No	1.8	-
2	RJ-45 Cable	No	3.0	-
3	RJ-45 Cable	No	0.05	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

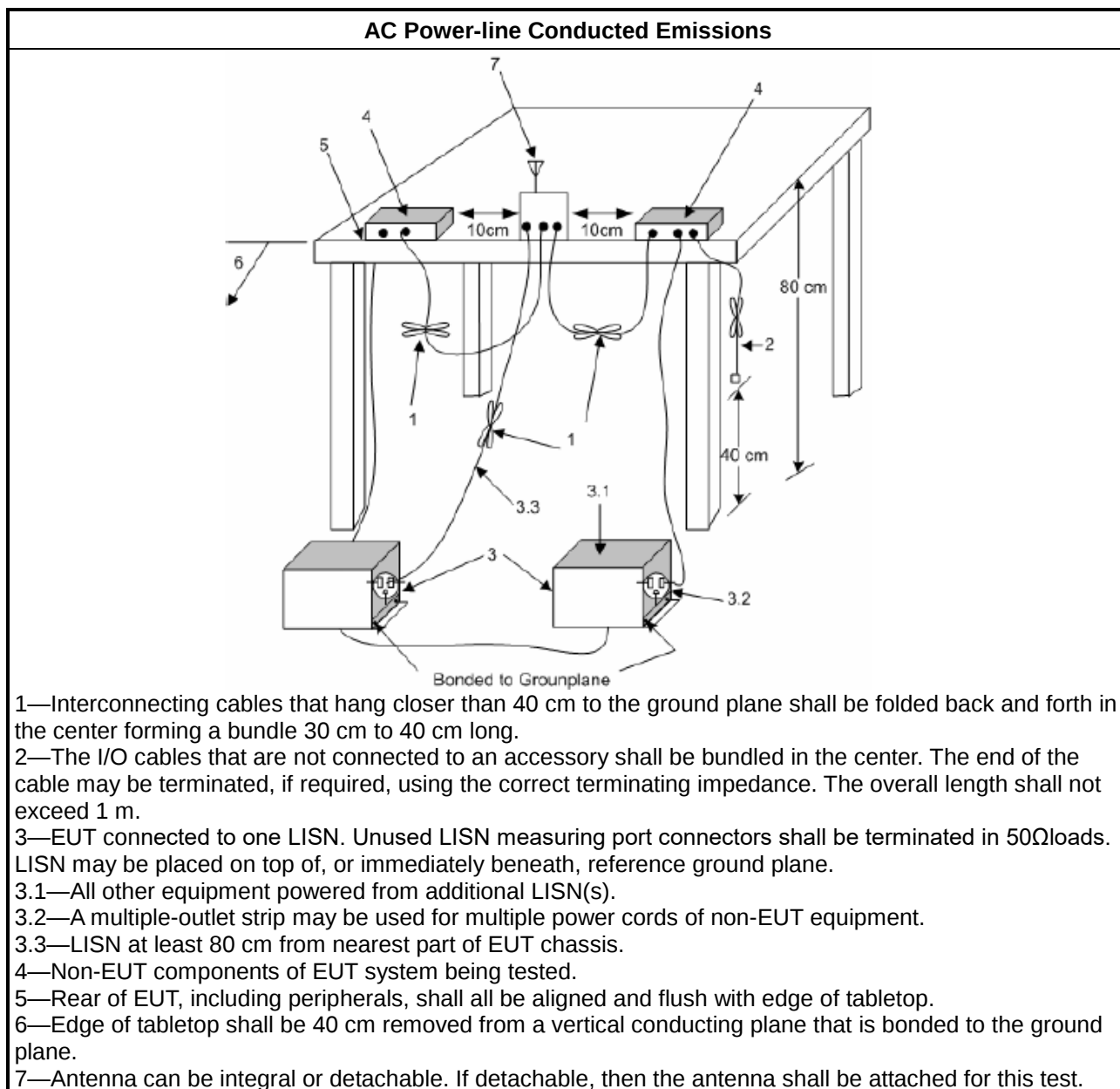
Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

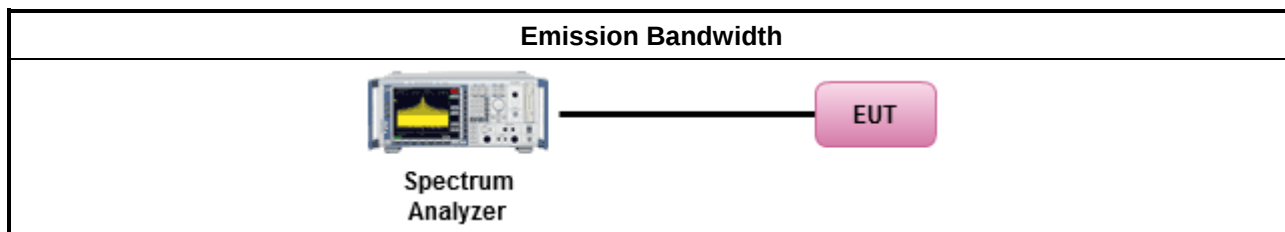
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method	
For the emission bandwidth shall be measured using one of the options below:	
☒	Refer as KDB 789033, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.3 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 6.7 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

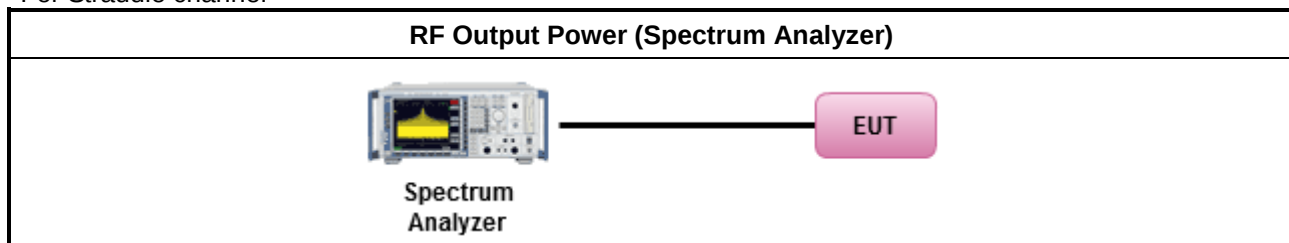
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

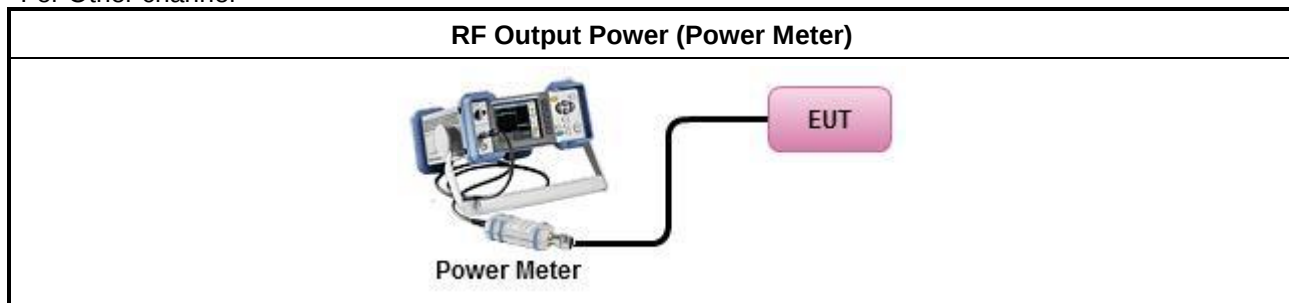
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☐	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods with duty factor	
☒	Refer as KDB 789033, clause E Method PM (using an RF average power meter).
For conducted measurement.	
	If the EUT supports multiple transmit chains using options given below: Refer as KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{\text{total}} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $\text{EIRP}_{\text{total}} = P_{\text{total}} + \text{DG}$

3.3.4 Test Setup

For Straddle channel



For Other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

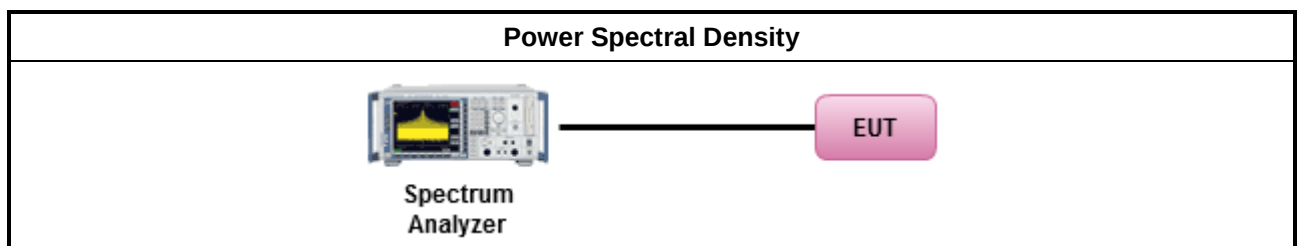
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, 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]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

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

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
☒	Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.4.2.3), Reduced VBW.
☒	Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.4.2.2), measurement procedure peak limit.

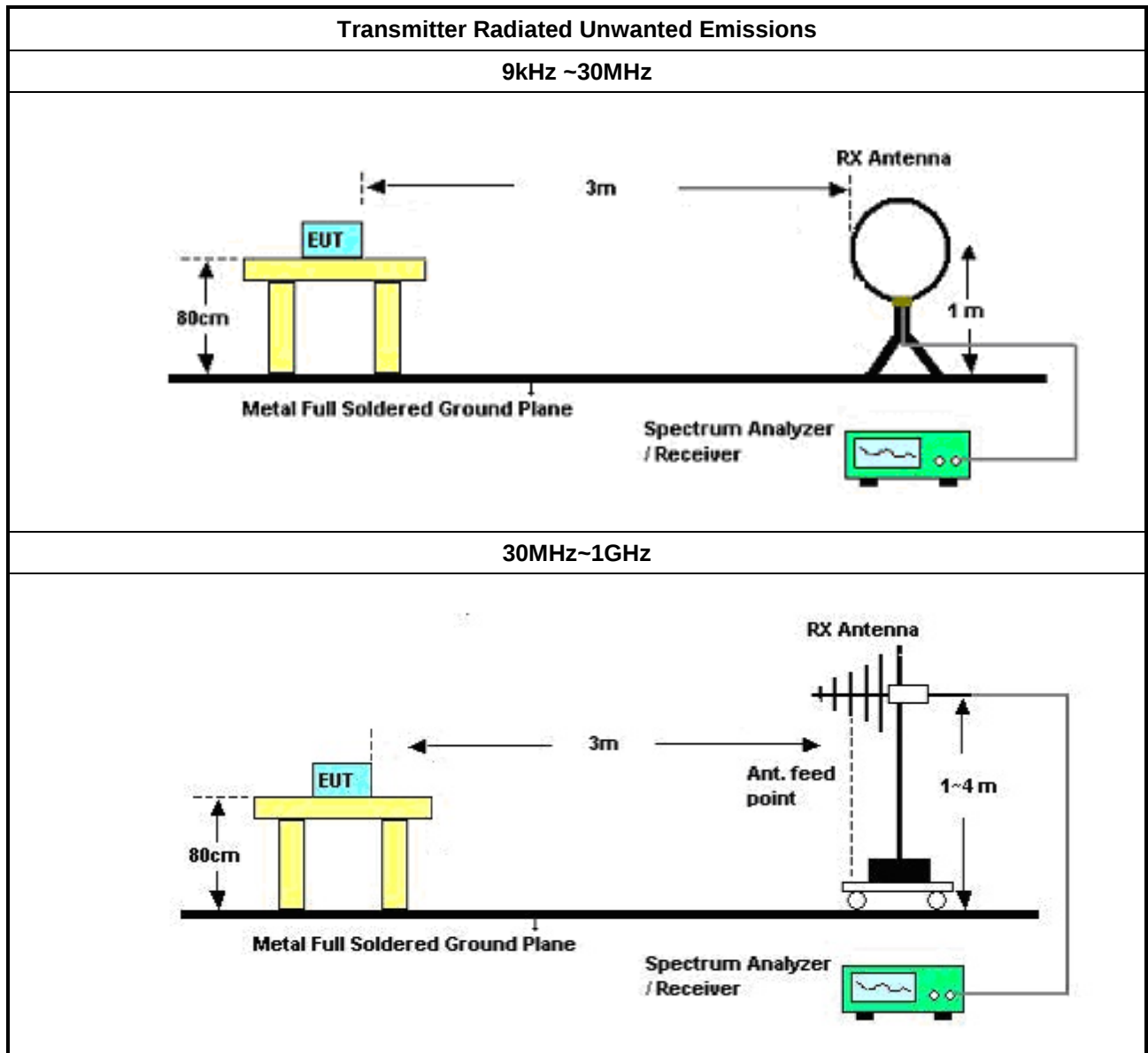
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
	Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field.
	Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.

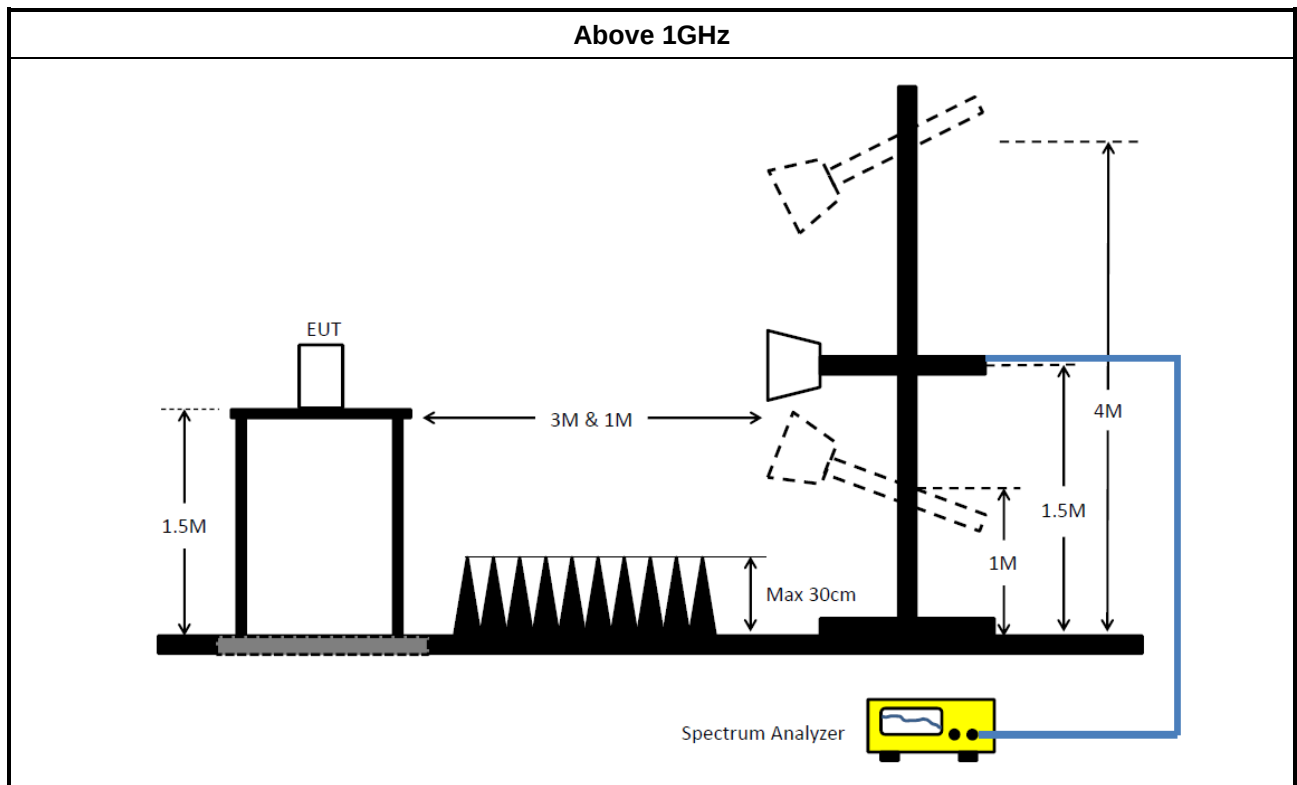
3.5.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.5 Test Setup





3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101274	9kHz ~ 30MHz	18/Jun/2024	17/Jun/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	27/Feb/2024	26/Feb/2025
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101515	9kHz~40GHz	02/Feb/2024	01/Feb/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	15/Dec/2023	14/Dec/2024
Power Meter	Anritsu	ML2495A	2105003	300MHz~40GHz	13/Sep/2024	12/Sep/2025
Pulse Sensor	Anritsu	MA2411B	1911254	300MHz~40GHz	13/Sep/2024	12/Sep/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Radiated Test_03CH02-HY

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3M	14/Jul/2024	13/Jul/2025
Signal Analyzer	R&S	FSP 40	100593	9kHz~40GHz	11/Mar/2024	10/Mar/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02268	1GHz~18GHz	23/Sep/2024	22/Sep/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-01	1GHz~40GHz	15/Feb/2024	14/Feb/2025
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	19/Apr/2024	18/Apr/2025
SENSE-EMI	Sporton	V5.11.9	NA	NA	NA	NA

**Instrument for Radiated Test_03CH03-HY**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	14/Jul/2024	13/Jul/2025
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	1GHz~18GHz 3m	14/Jul/2024	13/Jul/2025
EMI Test Receiver	R&S	ESR3	102051	9kHz~3.6GHz	17/May/2024	16/May/2025
Signal Analyzer	R&S	FSV40	101500	10Hz~40GHz	01/Nov/2024	31/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Bilog Antenna & 6dB Attenuator	SCHAFFNER / EMCI	CBL6112B / N-6-05	22237 / AT-N-0603	30MHz~1GHz	14/Oct/2024	13/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02267	1GHz~18GHz	18/Oct/2024	17/Oct/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz ~ 40GHz	04/Jun/2024	03/Jun/2025
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz~30MHz	12/Jun/2024	11/Jun/2025
RF Cable-R03m	Jye Bao	RG142	03CH03-cable-02	30MHz~1GHz	12/Jun/2024	11/Jun/2025
RF CABLE 5+8 m	HUBER+SUHNER	SUOFLEX 104	03CH03-cable-03	1GHz~40GHz	20/Feb/2024	19/Feb/2025
Amplifier	Agilent	8447D	2944A08033	100kHz~1.3GHz	13/Sep/2024	12/Sep/2025
Microwave Preamplifier	Agilent	8449B	3008A02326	1GHz~26.5GHz	25/Jul/2024	24/Jul/2025
Amplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~ 40GHz	19/Apr/2024	18/Apr/2025
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

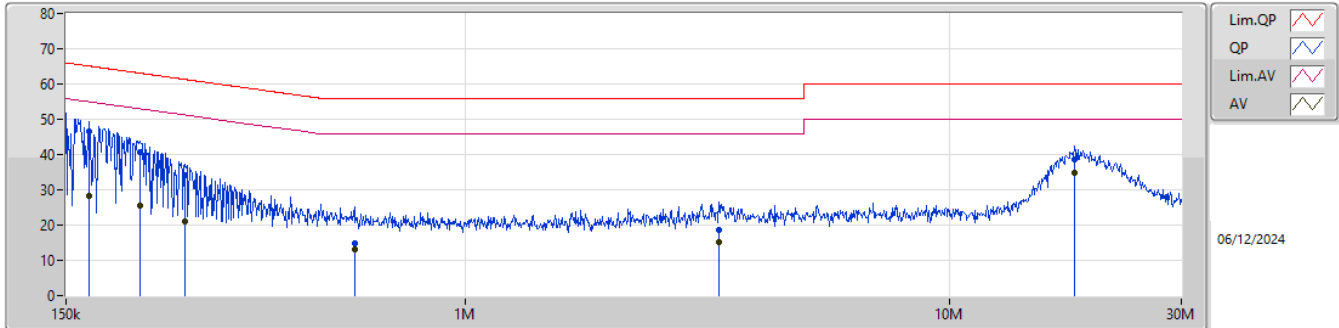
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	18.053M	34.93	50.00	-15.07	Line

Result

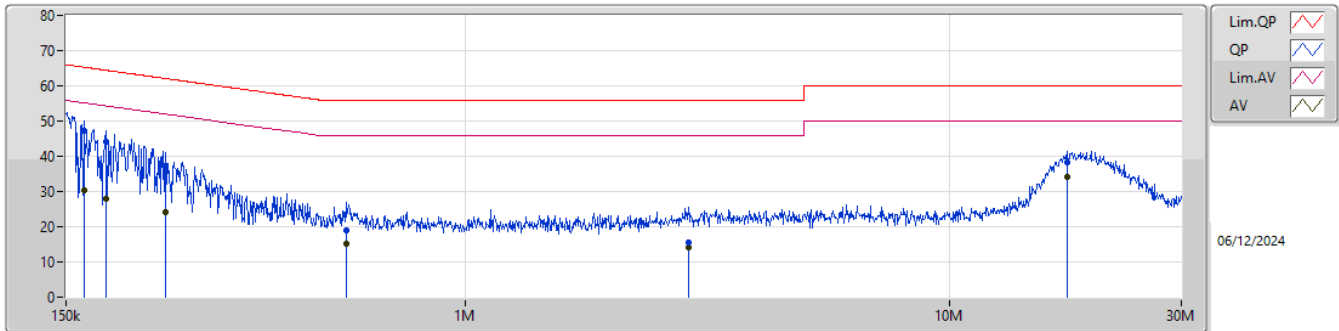
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	167.739k	46.57	65.06	-18.49	Line
Mode 1	Pass	AV	167.739k	28.24	55.06	-26.82	Line
Mode 1	Pass	QP	213.137k	40.74	63.07	-22.33	Line
Mode 1	Pass	AV	213.137k	25.55	53.07	-27.52	Line
Mode 1	Pass	QP	264.41k	34.20	61.30	-27.10	Line
Mode 1	Pass	AV	264.41k	20.95	51.30	-30.35	Line
Mode 1	Pass	QP	589.868k	15.00	56.00	-41.00	Line
Mode 1	Pass	AV	589.868k	13.13	46.00	-32.87	Line
Mode 1	Pass	QP	3.336M	18.46	56.00	-37.54	Line
Mode 1	Pass	AV	3.336M	15.06	46.00	-30.94	Line
Mode 1	Pass	QP	18.053M	38.70	60.00	-21.30	Line
Mode 1	Pass	AV	18.053M	34.93	50.00	-15.07	Line
Mode 1	Pass	QP	163.117k	47.19	65.31	-18.12	Neutral
Mode 1	Pass	AV	163.117k	30.23	55.31	-25.08	Neutral
Mode 1	Pass	QP	181.681k	44.16	64.41	-20.25	Neutral
Mode 1	Pass	AV	181.681k	27.94	54.41	-26.47	Neutral
Mode 1	Pass	QP	241.214k	37.40	62.06	-24.66	Neutral
Mode 1	Pass	AV	241.214k	24.11	52.06	-27.95	Neutral
Mode 1	Pass	QP	566.784k	18.91	56.00	-37.09	Neutral
Mode 1	Pass	AV	566.784k	15.32	46.00	-30.68	Neutral
Mode 1	Pass	QP	2.889M	15.54	56.00	-40.46	Neutral
Mode 1	Pass	AV	2.889M	14.03	46.00	-31.97	Neutral
Mode 1	Pass	QP	17.416M	38.39	60.00	-21.61	Neutral
Mode 1	Pass	AV	17.416M	34.08	50.00	-15.92	Neutral

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	167.739k	46.57	65.06	-18.49	19.70	Line	-	26.87	9.66	0.07	9.97						
AV	167.739k	28.24	55.06	-26.82	19.70	Line	-	8.54	9.66	0.07	9.97						
QP	213.137k	40.74	63.07	-22.33	19.71	Line	-	21.03	9.65	0.09	9.97						
AV	213.137k	25.55	53.07	-27.52	19.71	Line	-	5.84	9.65	0.09	9.97						
QP	264.41k	34.20	61.30	-27.10	19.72	Line	-	14.48	9.65	0.10	9.97						
AV	264.41k	20.95	51.30	-30.35	19.72	Line	-	1.23	9.65	0.10	9.97						
QP	589.868k	15.00	56.00	-41.00	19.74	Line	-	-4.74	9.65	0.11	9.98						
AV	589.868k	13.13	46.00	-32.87	19.74	Line	-	-6.61	9.65	0.11	9.98						
QP	3.336M	18.46	56.00	-37.54	19.74	Line	-	-1.28	9.68	0.08	9.98						
AV	3.336M	15.06	46.00	-30.94	19.74	Line	-	-4.68	9.68	0.08	9.98						
QP	18.053M	38.70	60.00	-21.30	19.77	Line	-	18.93	9.68	0.11	9.98						
AV	18.053M	34.93	50.00	-15.07	19.77	Line	-	15.16	9.68	0.11	9.98						

Conducted Emissions at Powerline_Mode 1



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	163.117k	47.19	65.31	-18.12	19.64	Neutral	-	27.55	9.60	0.07	9.97						
AV	163.117k	30.23	55.31	-25.08	19.64	Neutral	-	10.59	9.60	0.07	9.97						
QP	181.681k	44.16	64.41	-20.25	19.65	Neutral	-	24.51	9.60	0.08	9.97						
AV	181.681k	27.94	54.41	-26.47	19.65	Neutral	-	8.29	9.60	0.08	9.97						
QP	241.214k	37.40	62.06	-24.66	19.67	Neutral	-	17.73	9.60	0.10	9.97						
AV	241.214k	24.11	52.06	-27.95	19.67	Neutral	-	4.44	9.60	0.10	9.97						
QP	566.784k	18.91	56.00	-37.09	19.69	Neutral	-	-0.78	9.60	0.11	9.98						
AV	566.784k	15.32	46.00	-30.68	19.69	Neutral	-	-4.37	9.60	0.11	9.98						
QP	2.889M	15.54	56.00	-40.46	19.69	Neutral	-	-4.15	9.62	0.09	9.98						
AV	2.889M	14.03	46.00	-31.97	19.69	Neutral	-	-5.66	9.62	0.09	9.98						
QP	17.416M	38.39	60.00	-21.61	19.76	Neutral	-	18.63	9.67	0.11	9.98						
AV	17.416M	34.08	50.00	-15.92	19.76	Neutral	-	14.32	9.67	0.11	9.98						

**Summary**

Mode	Max-N dB	Max-OBW	ITU-Code	Min-N dB	Min-OBW
	(Hz)	(Hz)		(Hz)	(Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.165M	16.766M	16M8D1D	15.945M	13.405M
802.11be EHT20_Nss1,(MCS0)_1TX	23.045M	19.09M	19M1D1D	16.05M	14.512M
802.11be EHT40_Nss1,(MCS0)_1TX	42.68M	38.007M	38M0D1D	36.96M	33.817M
802.11be EHT80_Nss1,(MCS0)_1TX	86.9M	77.737M	77M7D1D	79.5M	73.46M
802.11be EHT160_Nss1,(MCS0)_1TX	170.28M	156.775M	157MD1D	170.28M	156.775M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.16M	4.151M	4M15D1D	3.16M	4.151M
802.11be EHT20_Nss1,(MCS0)_1TX	4.54M	4.613M	4M61D1D	4.54M	4.613M
802.11be EHT40_Nss1,(MCS0)_1TX	4.12M	4.25M	4M25D1D	4.12M	4.25M
802.11be EHT80_Nss1,(MCS0)_1TX	4M	7.033M	7M03D1D	4M	7.033M

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	Port 1-N dB	Port 1-OBW
		(Hz)	(Hz)	(Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5500MHz	Pass	Inf	21.945M	16.766M
5580MHz	Pass	Inf	22.165M	16.736M
5700MHz	Pass	Inf	21.89M	16.721M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	13.405M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.151M
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-
5500MHz	Pass	Inf	22.66M	19.033M
5580MHz	Pass	Inf	23.045M	19.07M
5700MHz	Pass	Inf	21.67M	19.09M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.05M	14.512M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.613M
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-
5510MHz	Pass	Inf	41.58M	38.007M
5550MHz	Pass	Inf	42.57M	37.986M
5670MHz	Pass	Inf	42.68M	37.991M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.96M	33.817M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	4.25M
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-
5530MHz	Pass	Inf	86.68M	77.686M
5610MHz	Pass	Inf	86.9M	77.737M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	79.5M	73.46M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	7.033M
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-
5570MHz	Pass	Inf	170.28M	156.775M

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

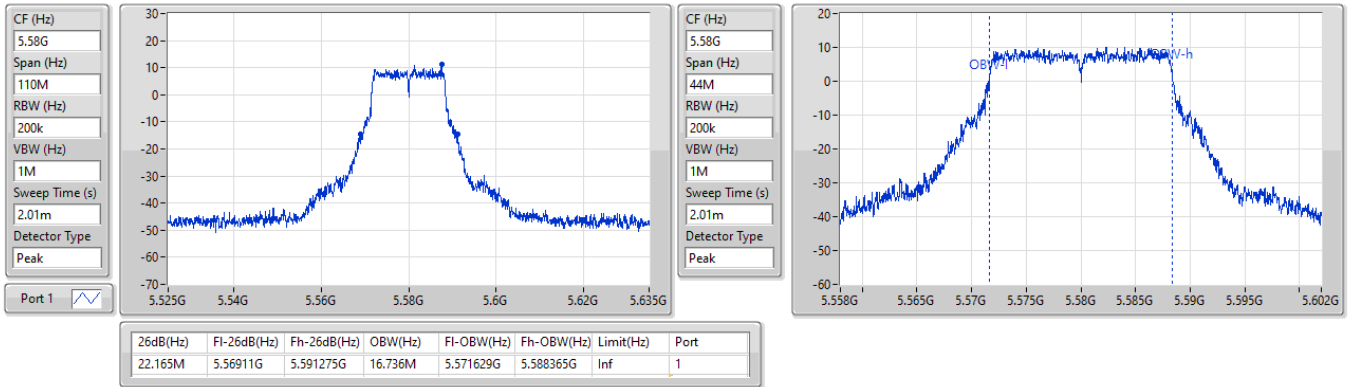


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5580MHz

10/12/2024

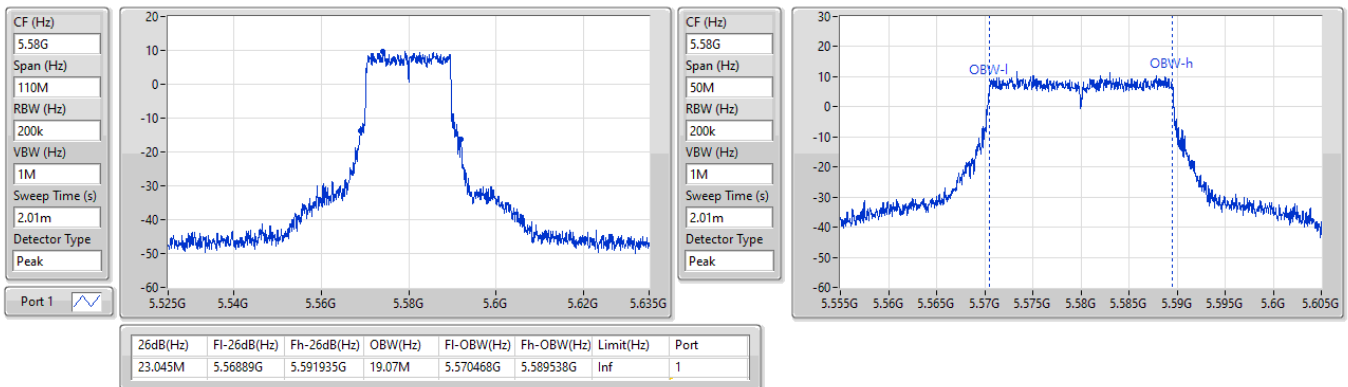


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5580MHz

10/12/2024



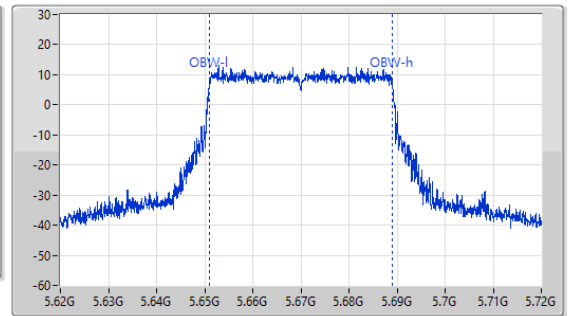
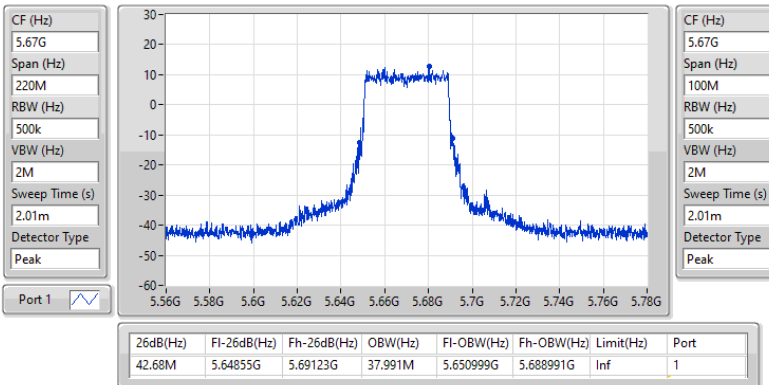


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5670MHz

10/12/2024

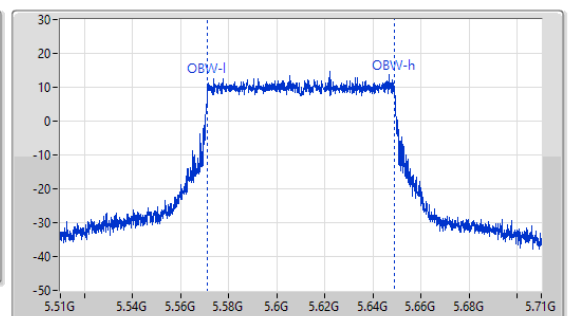
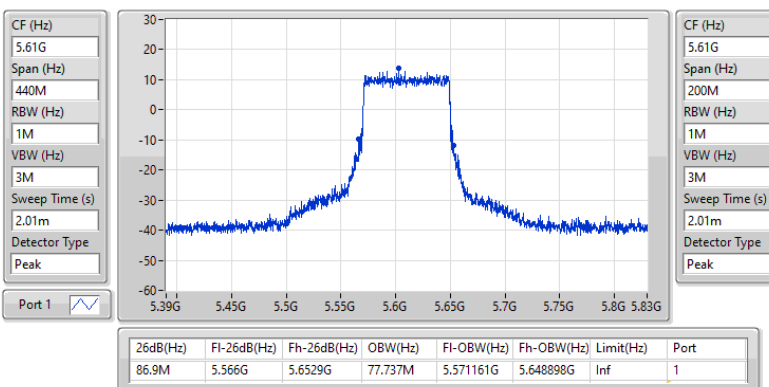


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5610MHz

10/12/2024



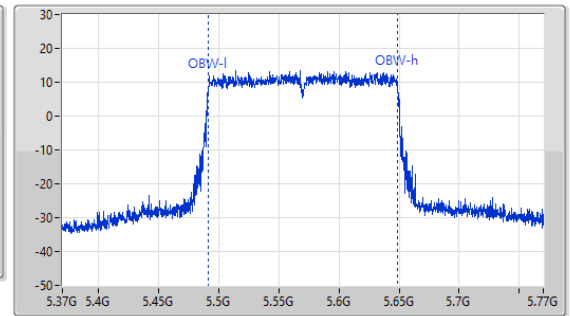
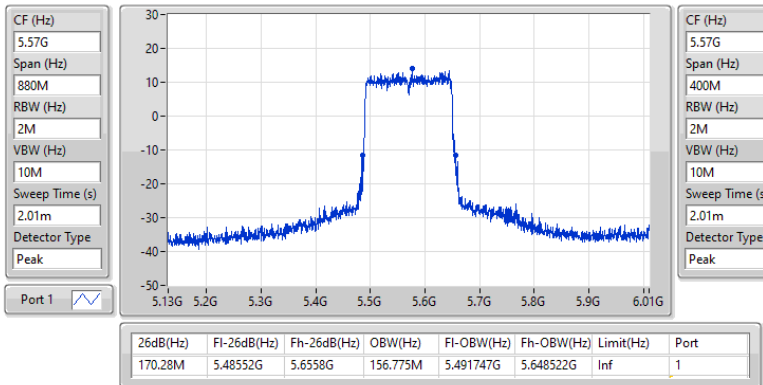


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

EBW

5570MHz

10/12/2024

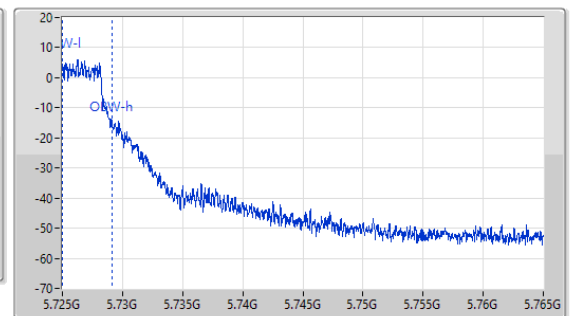
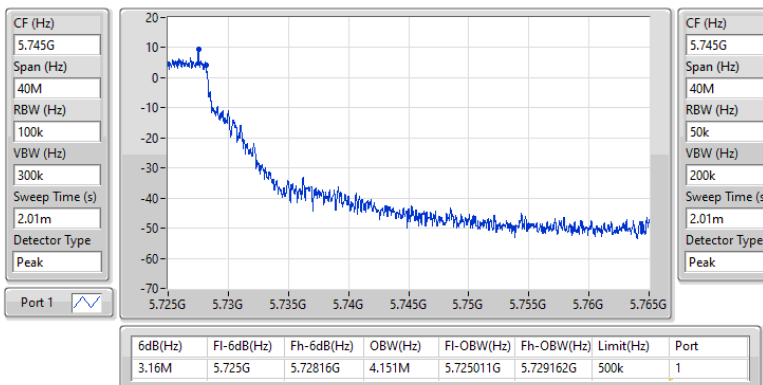


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

10/12/2024



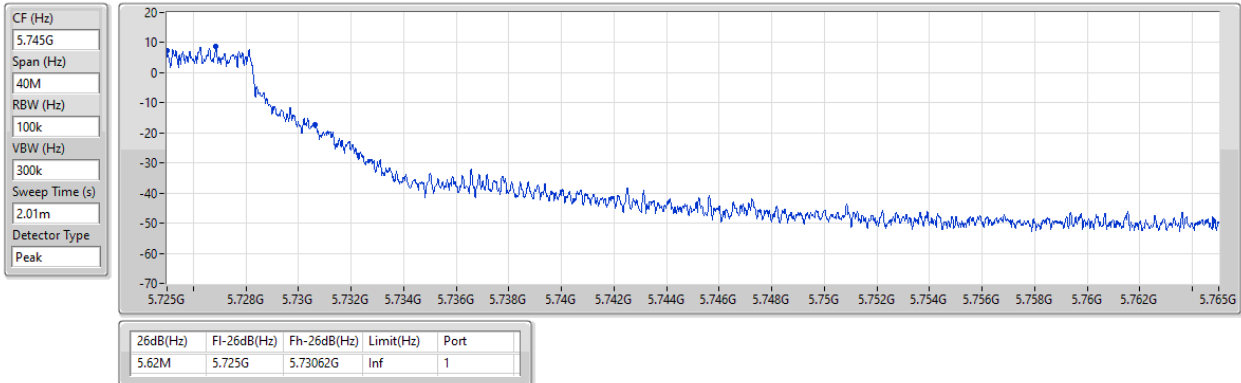


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

10/12/2024

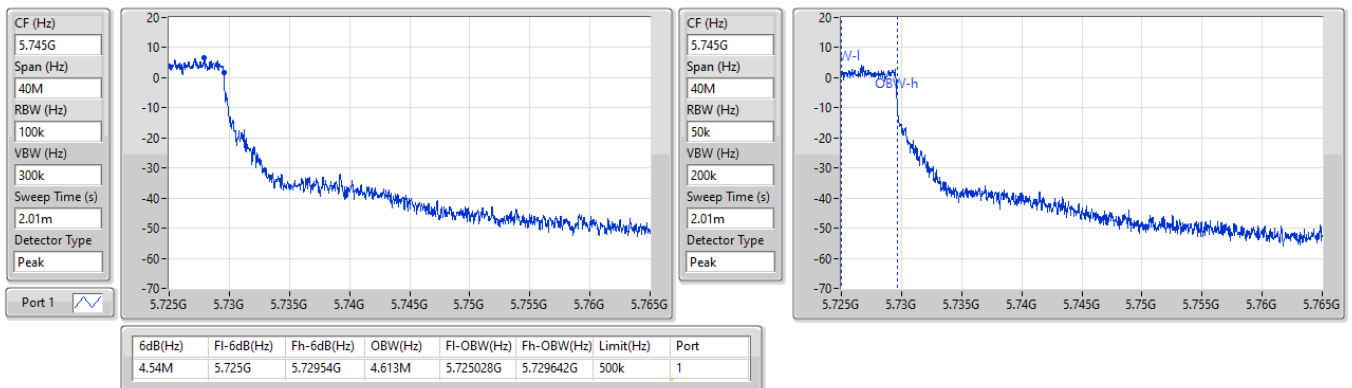


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

10/12/2024



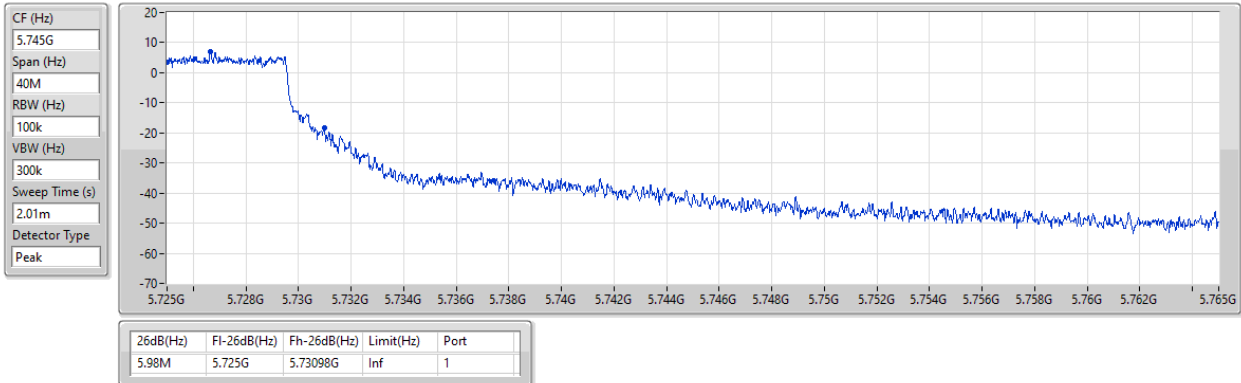


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

10/12/2024

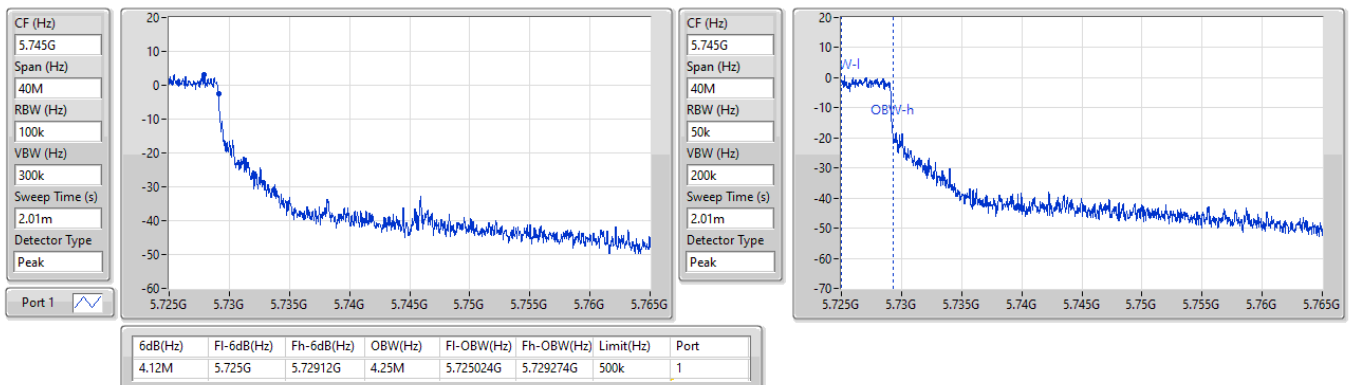


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

10/12/2024



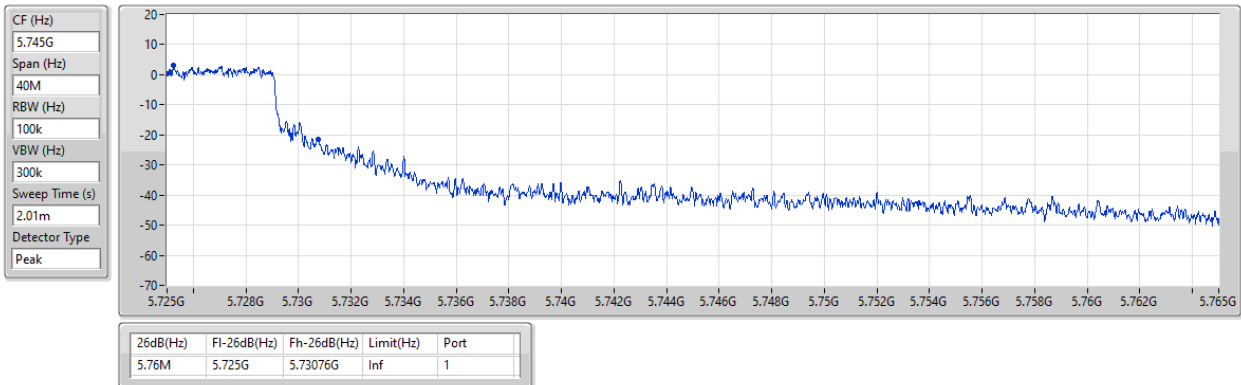


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

EBW

5710MHz Straddle 5.725-5.85GHz

10/12/2024

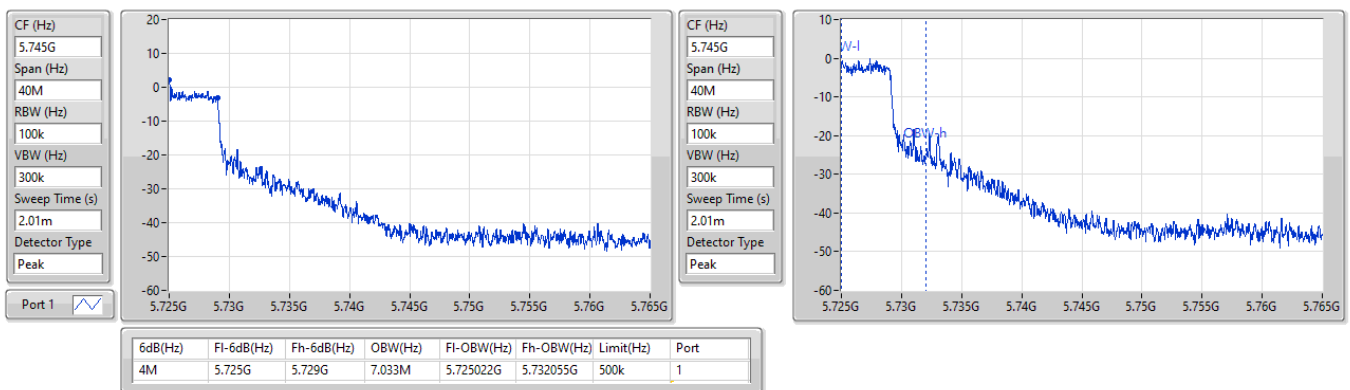


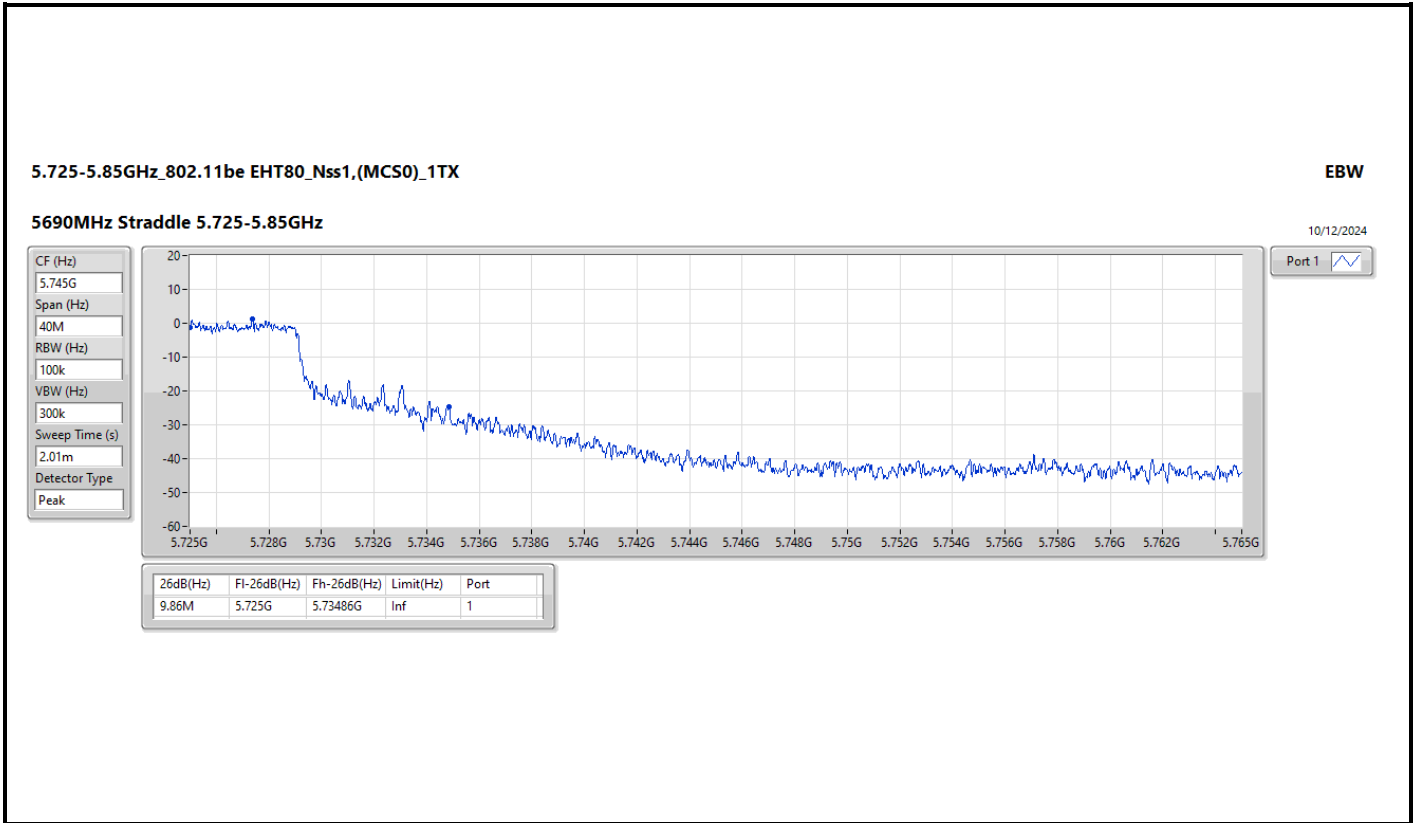
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

EBW

5690MHz Straddle 5.725-5.85GHz

10/12/2024





**Summary**

Mode	Max-N dB	Max-OBW	ITU-Code	Min-N dB	Min-OBW
	(Hz)	(Hz)		(Hz)	(Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.275M	16.761M	16M8D1D	15.9M	13.418M
802.11be EHT20_Nss1,(MCS0)_2TX	22.22M	19.07M	19M1D1D	16.17M	14.507M
802.11be EHT40_Nss1,(MCS0)_2TX	44M	38.033M	38M0D1D	35.805M	33.801M
802.11be EHT80_Nss1,(MCS0)_2TX	89.1M	77.781M	77M8D1D	78.15M	73.409M
802.11be EHT160_Nss1,(MCS0)_2TX	172.04M	157.057M	157MD1D	169.84M	156.898M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.22M	4.279M	4M28D1D	3.14M	4.275M
802.11be EHT20_Nss1,(MCS0)_2TX	4.58M	4.622M	4M62D1D	4.52M	4.604M
802.11be EHT40_Nss1,(MCS0)_2TX	4.12M	4.545M	4M55D1D	4.06M	4.452M
802.11be EHT80_Nss1,(MCS0)_2TX	4.1M	6.263M	6M26D1D	4.06M	5.766M

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	Port 1-N dB	Port 1-OBW	Port 2-N dB	Port 2-OBW
		(Hz)	(Hz)	(Hz)	(Hz)	(Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5500MHz	Pass	Inf	21.835M	16.746M	21.835M	16.717M
5580MHz	Pass	Inf	21.89M	16.707M	21.67M	16.761M
5700MHz	Pass	Inf	22.275M	16.704M	22.055M	16.713M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.05M	13.418M	15.9M	13.497M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	4.275M	3.22M	4.279M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	Inf	21.725M	19.043M	22.055M	19.026M
5580MHz	Pass	Inf	21.945M	19.07M	21.175M	19.063M
5700MHz	Pass	Inf	21.505M	19.041M	22.22M	19.038M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.17M	14.507M	16.5M	14.573M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.604M	4.58M	4.622M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	Inf	42.13M	37.958M	42.13M	38.011M
5550MHz	Pass	Inf	44M	37.943M	44M	37.927M
5670MHz	Pass	Inf	42.9M	38.033M	43.12M	38.004M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.805M	33.801M	36.155M	33.836M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	4.545M	4.06M	4.452M
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	Inf	87.78M	77.623M	89.1M	77.685M
5610MHz	Pass	Inf	88.44M	77.746M	85.14M	77.781M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.45M	73.409M	78.15M	73.436M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	6.263M	4.1M	5.766M
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5570MHz	Pass	Inf	169.84M	156.898M	172.04M	157.057M

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

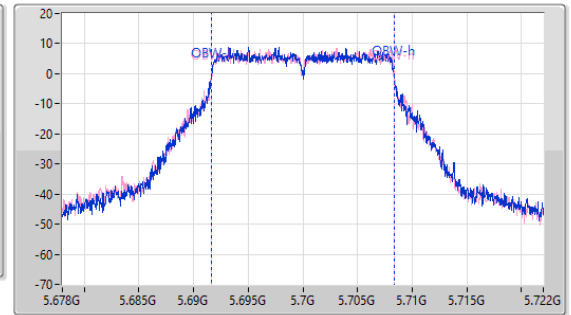
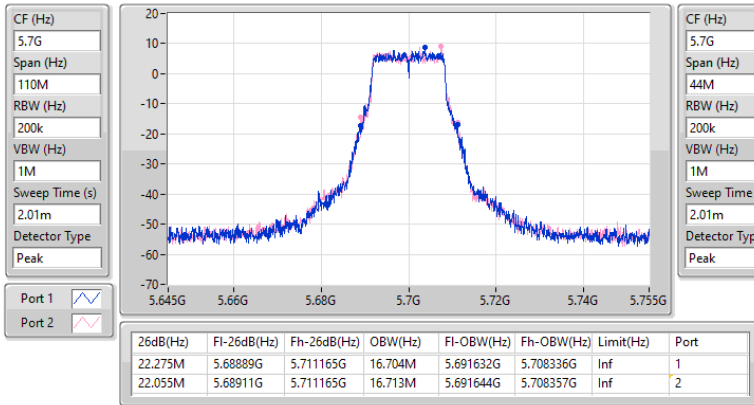


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5700MHz

09/12/2024

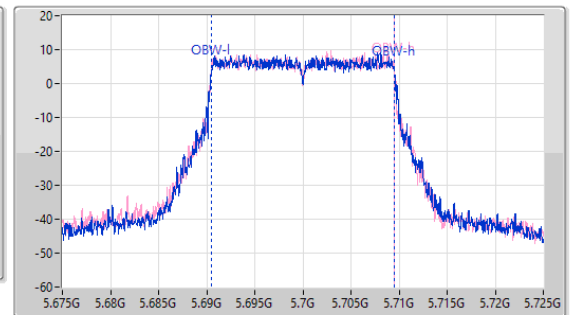
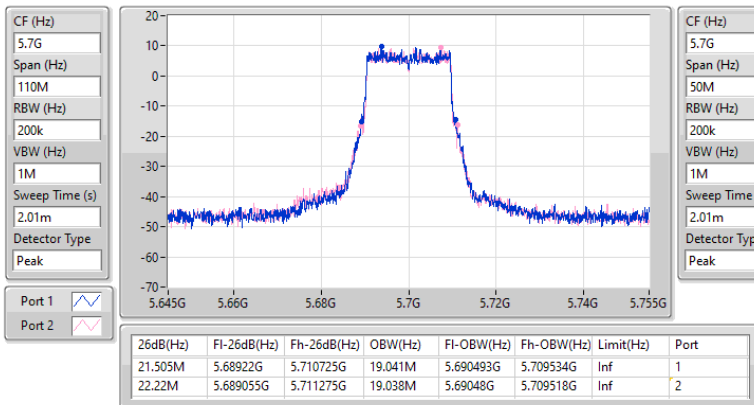


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5700MHz

09/12/2024



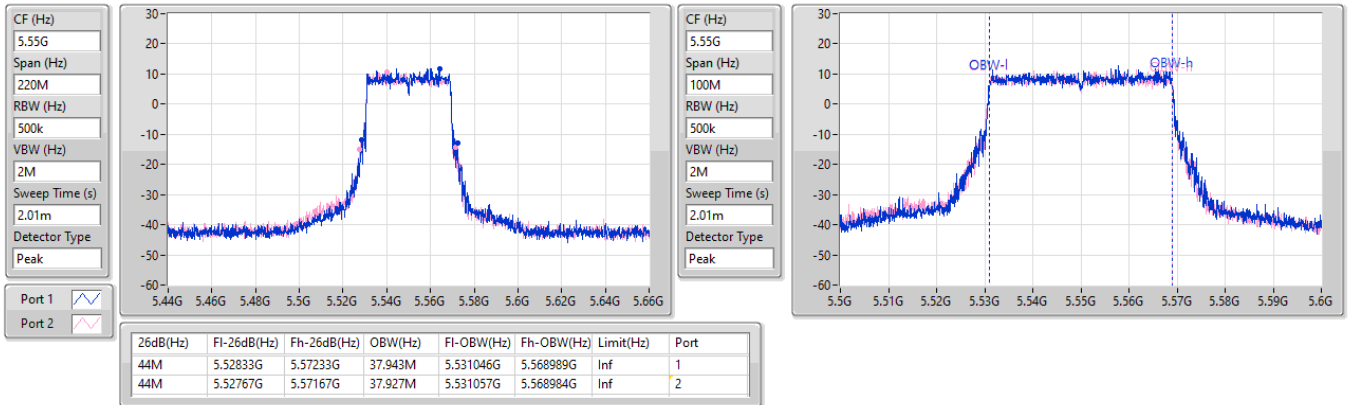


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5550MHz

09/12/2024

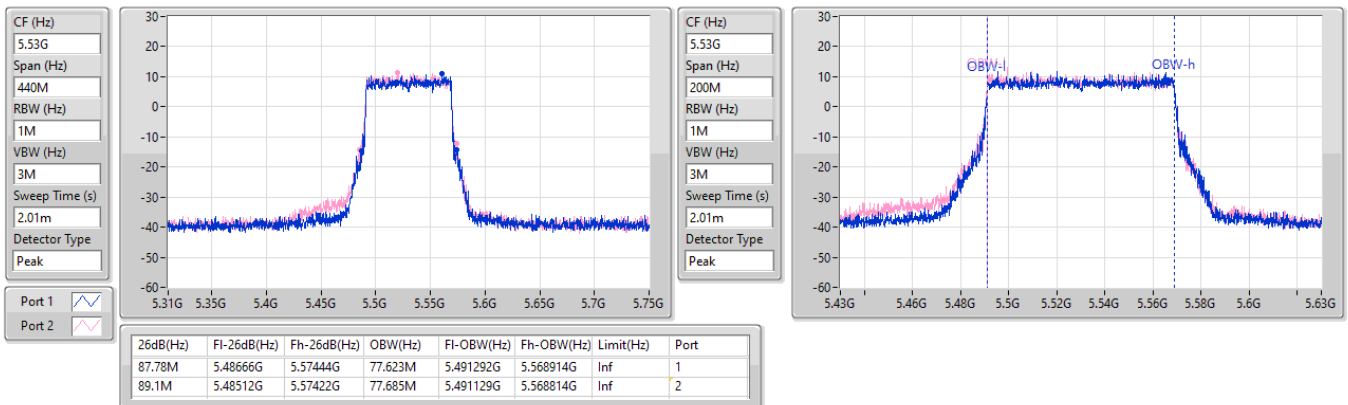


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5530MHz

09/12/2024



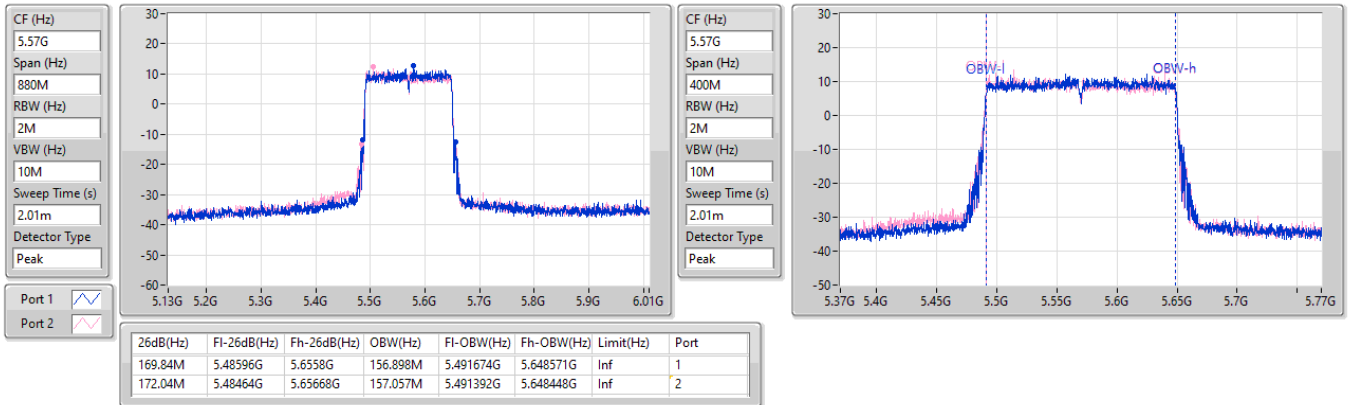


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX

EBW

5570MHz

09/12/2024

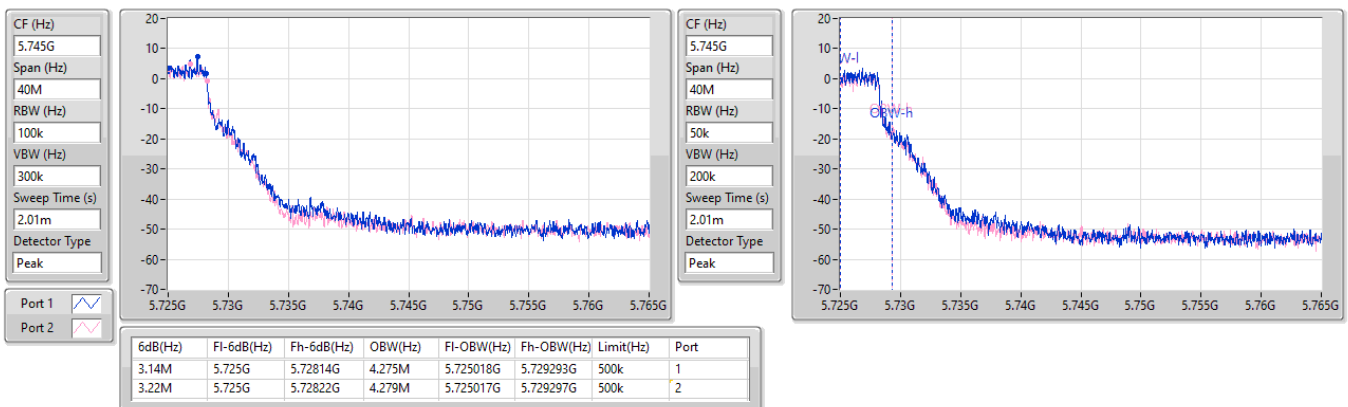


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

09/12/2024



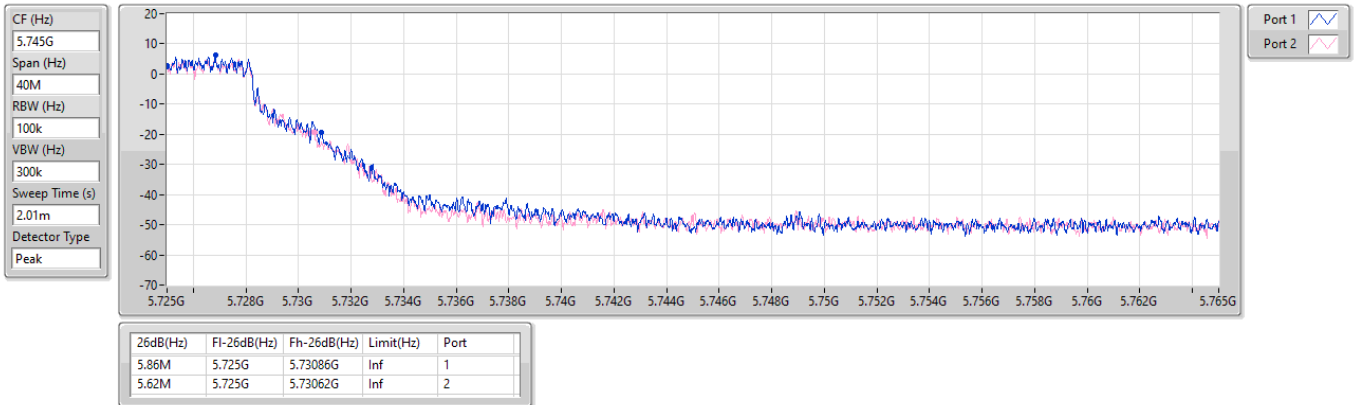


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

09/12/2024

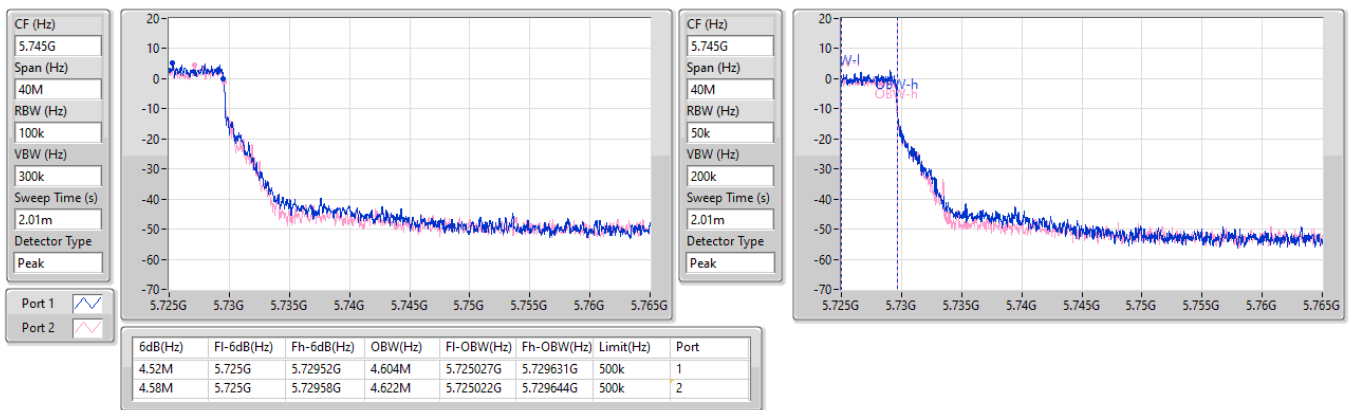


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

09/12/2024



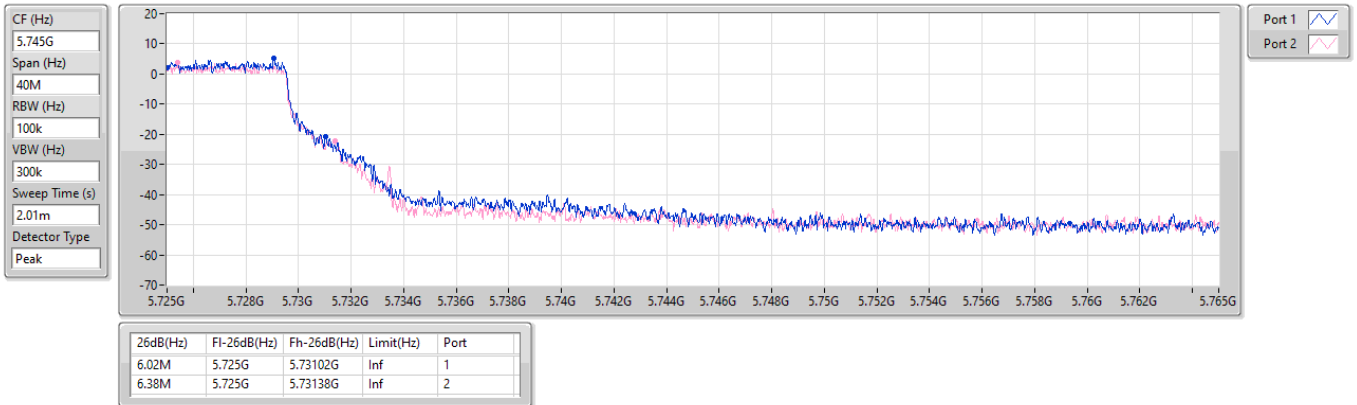


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

09/12/2024

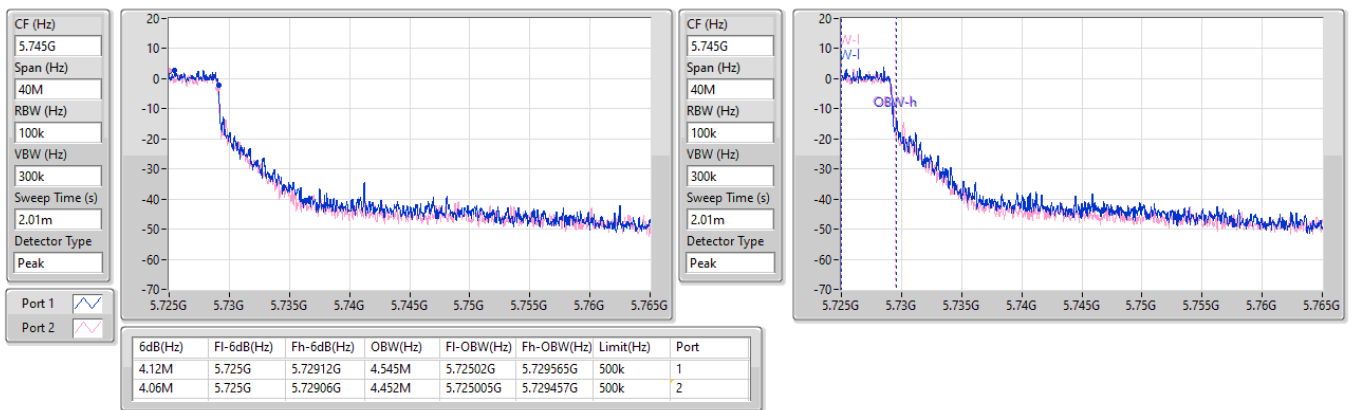


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

09/12/2024



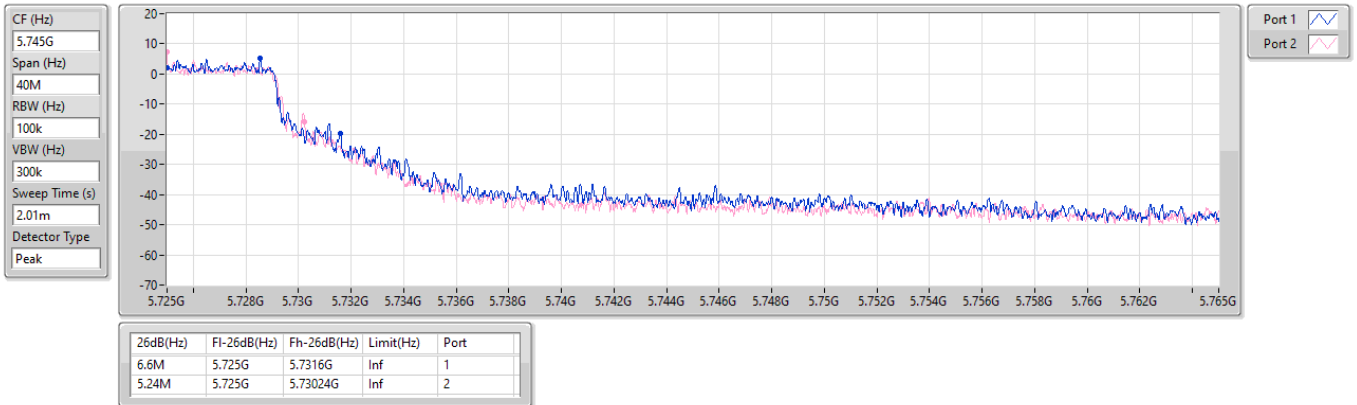


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

09/12/2024

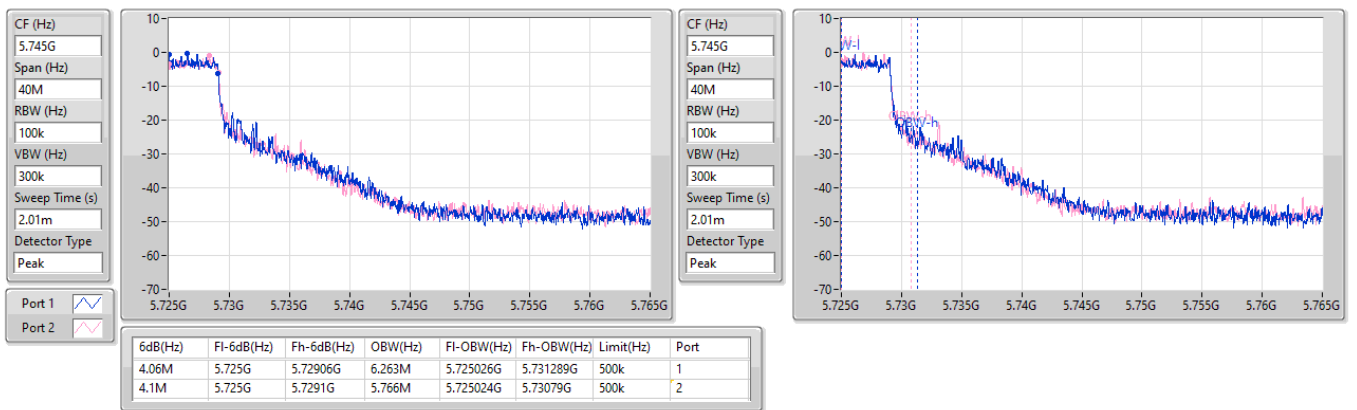


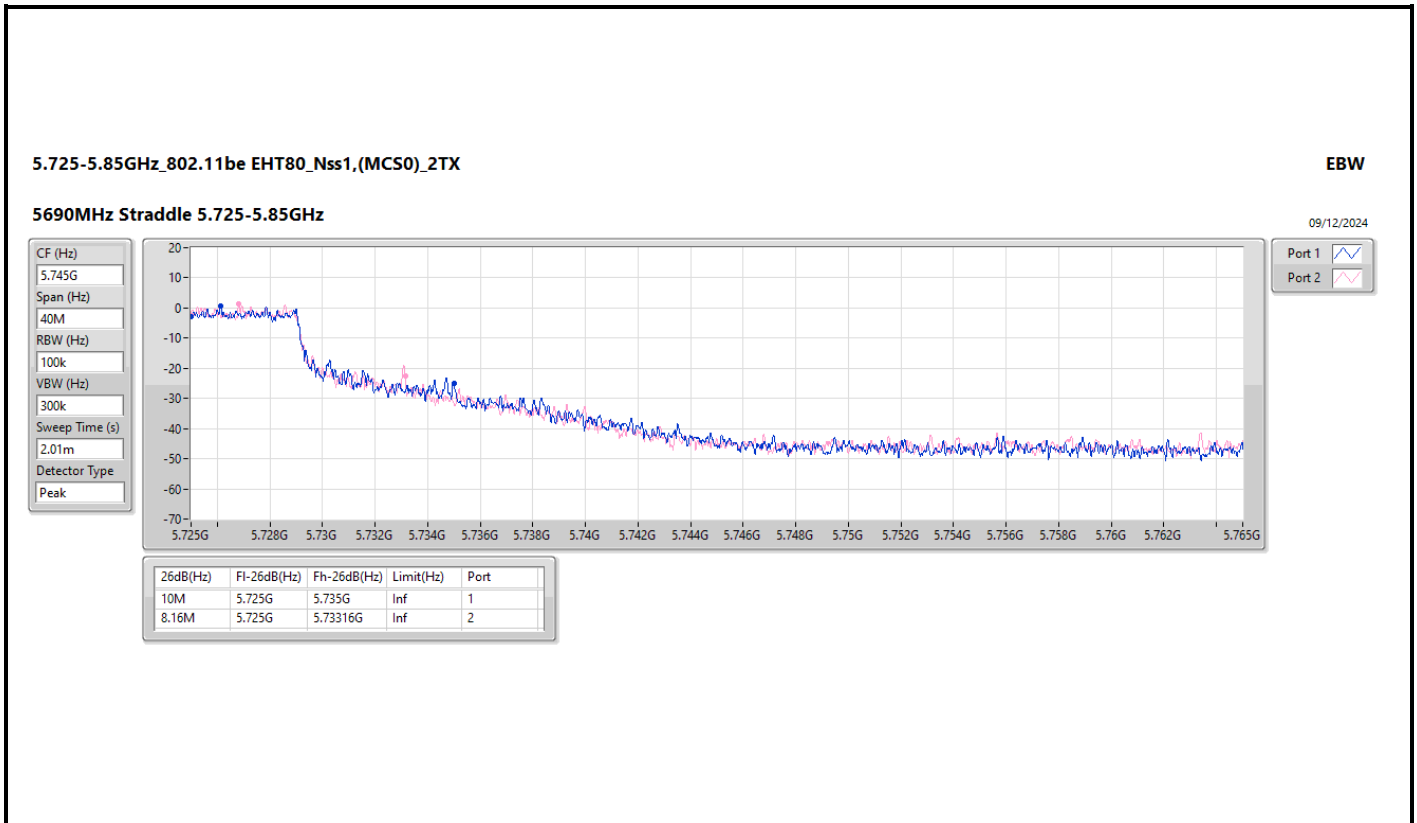
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

09/12/2024





**Summary**

Mode	Total Power	Total Power
	(dBm)	(W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.47	0.14028
802.11be EHT20_Nss1,(MCS0)_1TX	21.56	0.14322
802.11be EHT40_Nss1,(MCS0)_1TX	21.55	0.14289
802.11be EHT80_Nss1,(MCS0)_1TX	21.57	0.14355
802.11be EHT160_Nss1,(MCS0)_1TX	21.78	0.15066
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	14.74	0.02979
802.11be EHT20_Nss1,(MCS0)_1TX	15.67	0.03690
802.11be EHT40_Nss1,(MCS0)_1TX	11.95	0.01567
802.11be EHT80_Nss1,(MCS0)_1TX	8.60	0.00724



Result

Mode	Result	DG	Port 1	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5500MHz	Pass	5.86	21.36	21.36	23.98
5580MHz	Pass	5.86	21.46	21.46	23.98
5700MHz	Pass	5.86	21.47	21.47	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.86	20.69	20.69	23.03
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	14.74	14.74	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5500MHz	Pass	5.86	21.47	21.47	23.98
5580MHz	Pass	5.86	21.56	21.56	23.98
5700MHz	Pass	5.86	21.54	21.54	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.86	20.54	20.54	23.05
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	15.67	15.67	30.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5510MHz	Pass	5.86	21.37	21.37	23.98
5550MHz	Pass	5.86	21.55	21.55	23.98
5670MHz	Pass	5.86	21.36	21.36	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.86	21.10	21.10	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	11.95	11.95	30.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5530MHz	Pass	5.86	21.06	21.06	23.98
5610MHz	Pass	5.86	21.57	21.57	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.86	21.08	21.08	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	8.60	8.60	30.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-
5570MHz	Pass	5.86	21.78	21.78	23.98

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

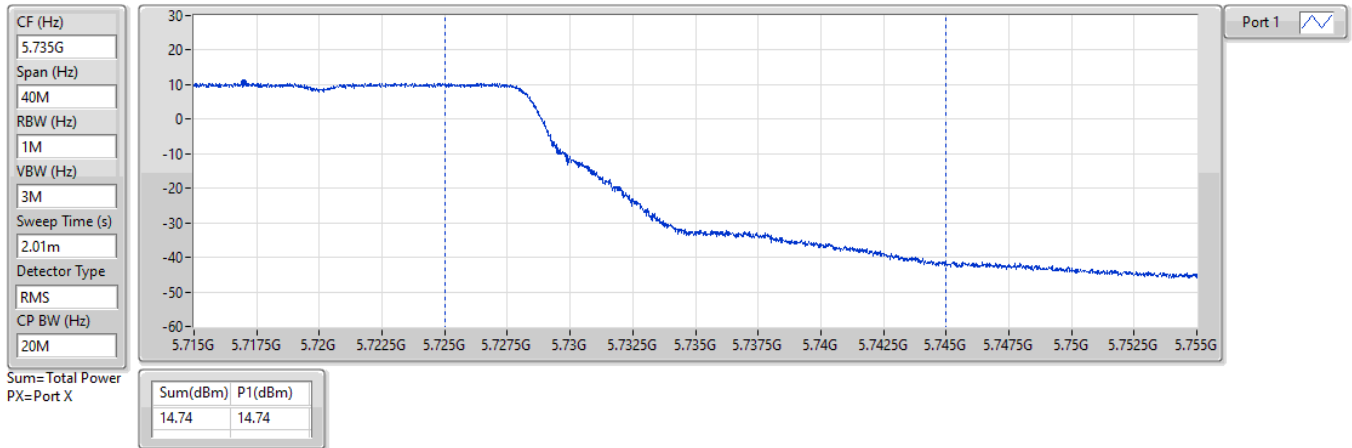


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

10/12/2024

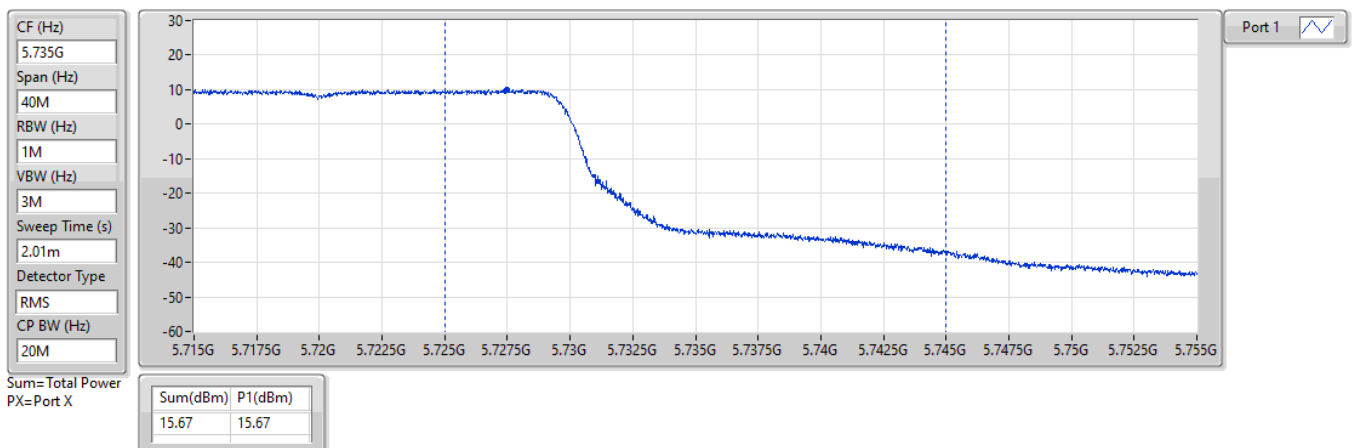


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

10/12/2024



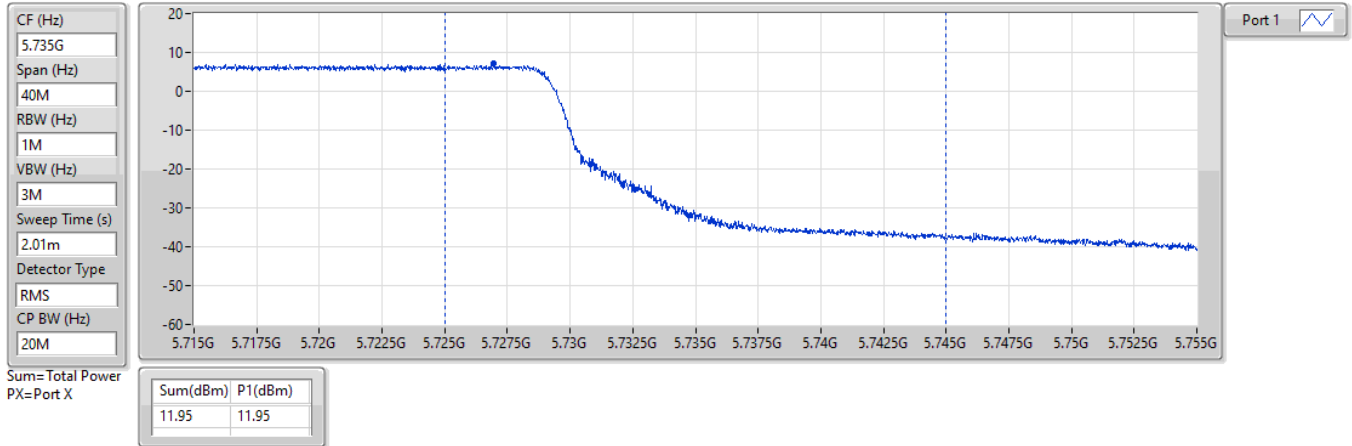


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

10/12/2024

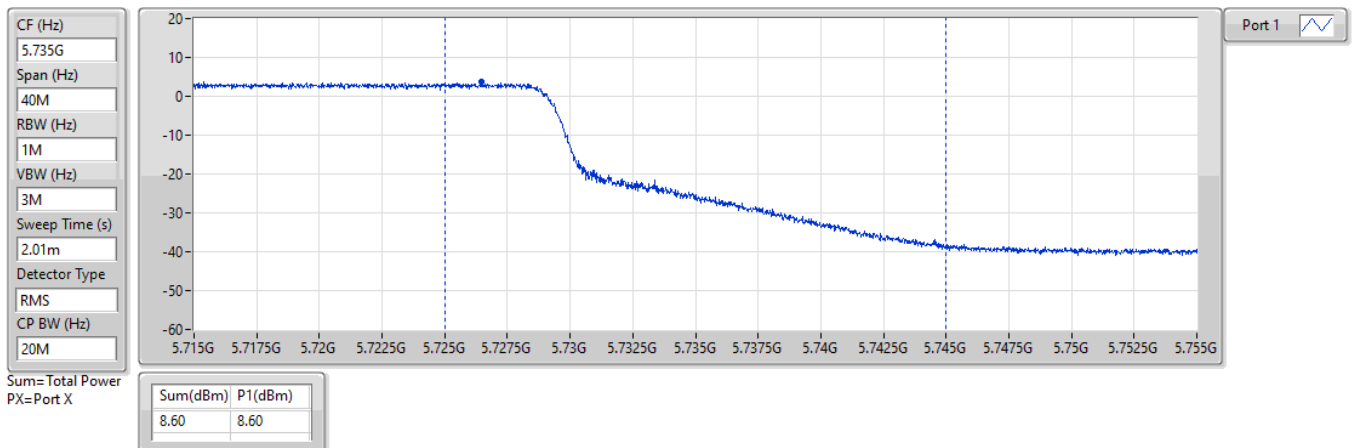


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

10/12/2024



**Summary**

Mode	Total Power	Total Power
	(dBm)	(W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.55	0.17989
802.11be EHT20_Nss1,(MCS0)_2TX	23.35	0.21627
802.11be EHT40_Nss1,(MCS0)_2TX	23.57	0.22751
802.11be EHT80_Nss1,(MCS0)_2TX	23.36	0.21677
802.11be EHT160_Nss1,(MCS0)_2TX	22.99	0.19907
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.29	0.03381
802.11be EHT20_Nss1,(MCS0)_2TX	16.68	0.04656
802.11be EHT40_Nss1,(MCS0)_2TX	14.31	0.02698
802.11be EHT80_Nss1,(MCS0)_2TX	10.67	0.01167



Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5500MHz	Pass	5.92	19.31	19.40	22.37	23.98
5580MHz	Pass	5.92	19.86	19.20	22.55	23.98
5700MHz	Pass	5.92	19.52	19.50	22.52	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.92	18.62	17.85	21.26	23.01
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	12.61	11.92	15.29	30.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	5.92	19.88	20.06	22.98	23.98
5580MHz	Pass	5.92	20.70	19.95	23.35	23.98
5700MHz	Pass	5.92	20.08	20.24	23.17	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.92	19.20	18.24	21.76	23.09
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	13.97	13.35	16.68	30.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	5.92	20.50	20.61	23.57	23.98
5550MHz	Pass	5.92	20.62	20.26	23.45	23.98
5670MHz	Pass	5.92	20.36	20.76	23.57	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.92	20.58	20.16	23.39	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	11.54	11.05	14.31	30.00
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	5.92	19.41	20.01	22.73	23.98
5610MHz	Pass	5.92	20.46	20.24	23.36	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.92	20.06	20.23	23.16	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	7.65	7.67	10.67	30.00
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5570MHz	Pass	5.92	20.08	19.88	22.99	23.98

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

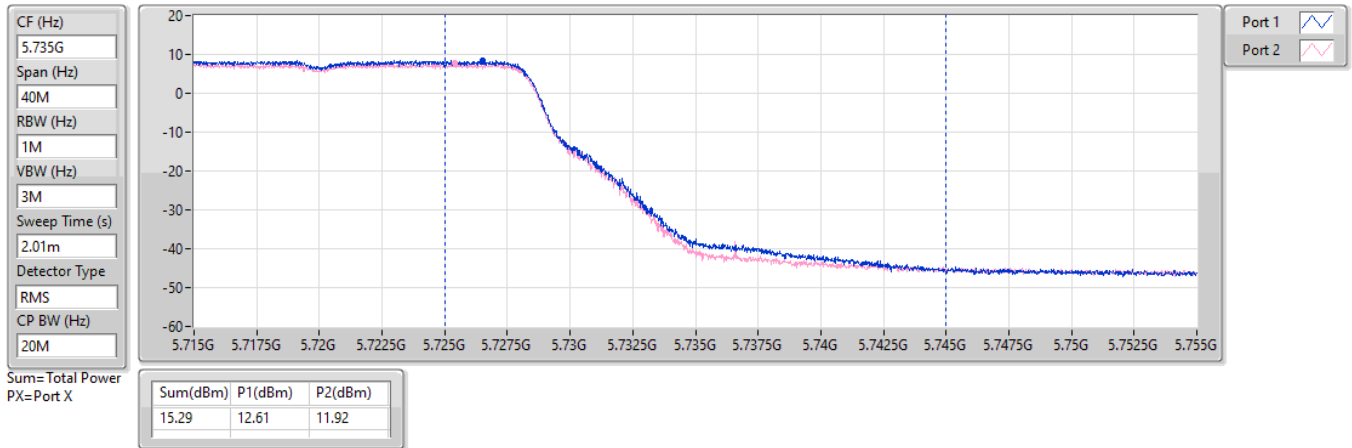


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

09/12/2024

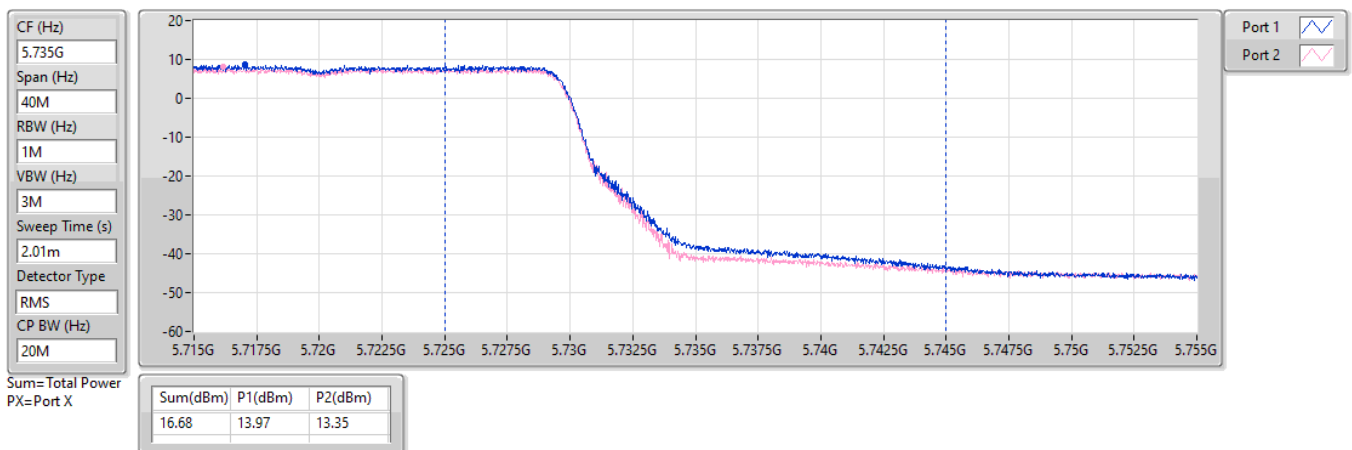


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

09/12/2024



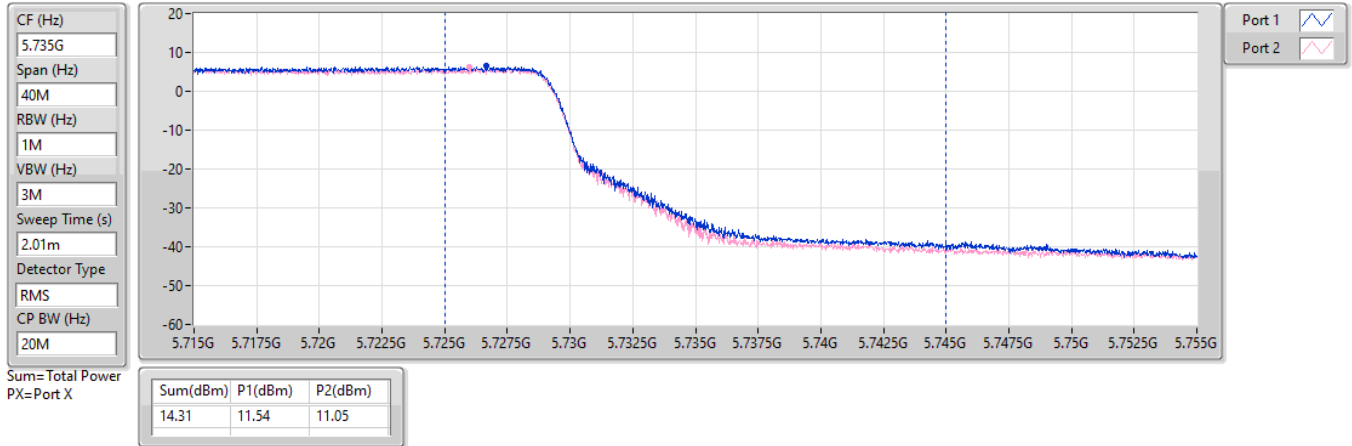


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

09/12/2024

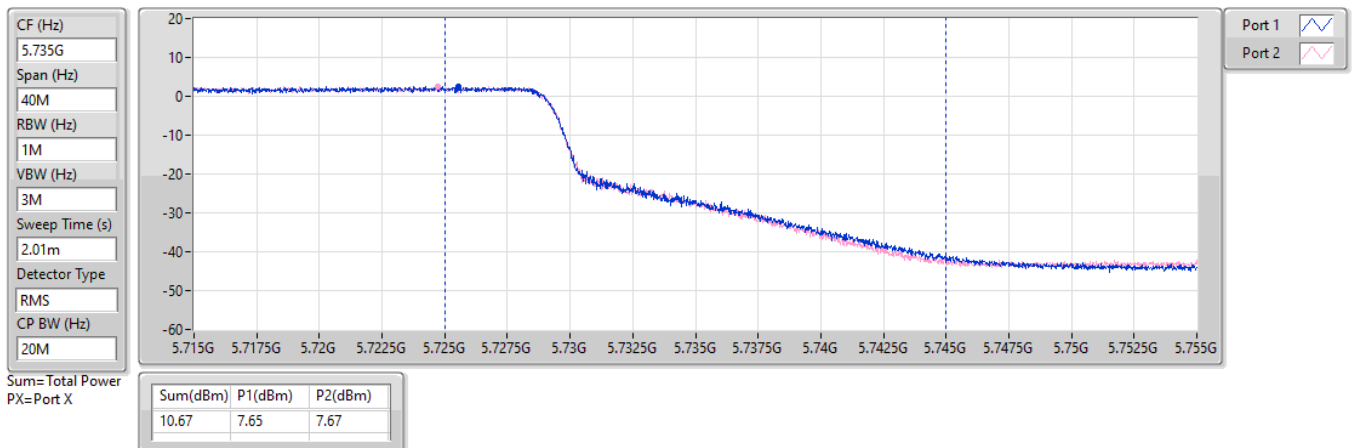


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

09/12/2024





Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	21.84	0.15276
802.11be EHT40-BF_Nss1,(MCS0)_2TX	21.93	0.15596
802.11be EHT80-BF_Nss1,(MCS0)_2TX	21.72	0.14859
802.11be EHT160-BF_Nss1,(MCS0)_2TX	21.88	0.15417
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_2TX	16.43	0.04395
802.11be EHT40-BF_Nss1,(MCS0)_2TX	12.84	0.01923
802.11be EHT80-BF_Nss1,(MCS0)_2TX	9.23	0.00838



Average Power_Beamforming_Radio 2_2T1S

Appendix C.3

Result

Mode	Result	DG	Port 1	Port 2	Total Power	Power Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	7.56	18.75	18.91	21.84	22.42
5580MHz	Pass	7.56	19.04	18.32	21.71	22.42
5700MHz	Pass	7.56	18.48	18.64	21.57	22.42
5720MHz Straddle 5.47-5.725GHz	Pass	7.56	18.68	17.81	21.28	21.53
5720MHz Straddle 5.725-5.85GHz	Pass	6.98	13.83	12.96	16.43	29.02
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	7.56	18.88	18.95	21.93	22.42
5550MHz	Pass	7.56	18.99	18.65	21.83	22.42
5670MHz	Pass	7.56	18.72	19.09	21.92	22.42
5710MHz Straddle 5.47-5.725GHz	Pass	7.56	19.00	18.57	21.80	22.42
5710MHz Straddle 5.725-5.85GHz	Pass	6.98	10.09	9.55	12.84	29.02
802.11be EHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	7.56	18.27	18.91	21.61	22.42
5610MHz	Pass	7.56	18.81	18.61	21.72	22.42
5690MHz Straddle 5.47-5.725GHz	Pass	7.56	18.68	18.61	21.66	22.42
5690MHz Straddle 5.725-5.85GHz	Pass	6.98	6.17	6.27	9.23	29.02
802.11be EHT160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5570MHz	Pass	7.56	18.96	18.78	21.88	22.42

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

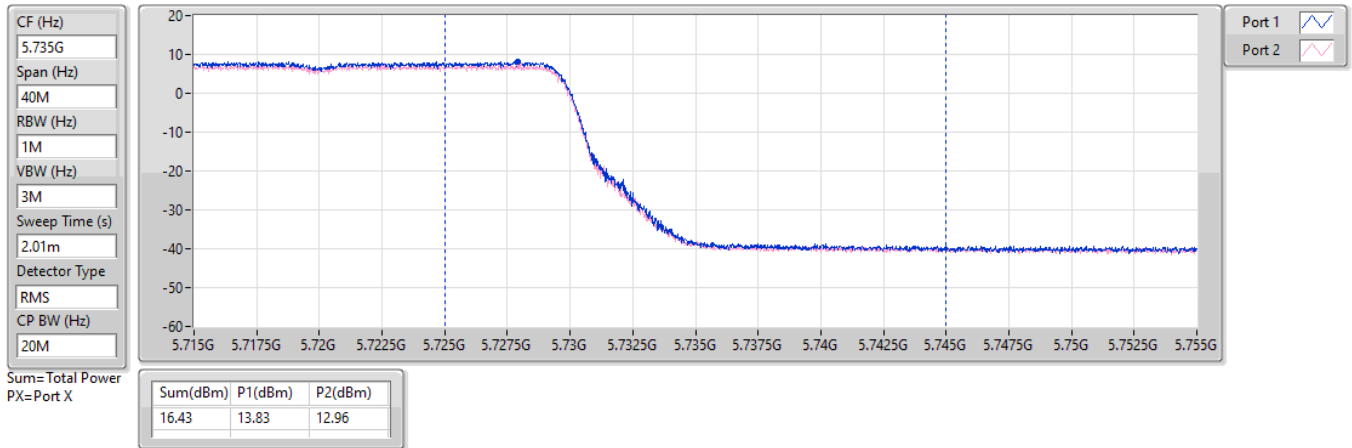


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

18/12/2024

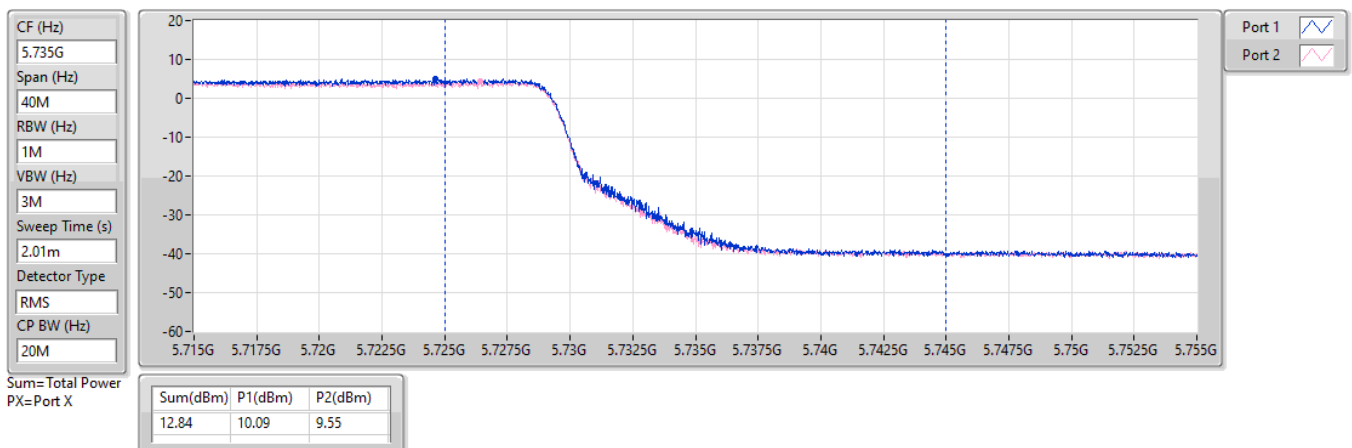


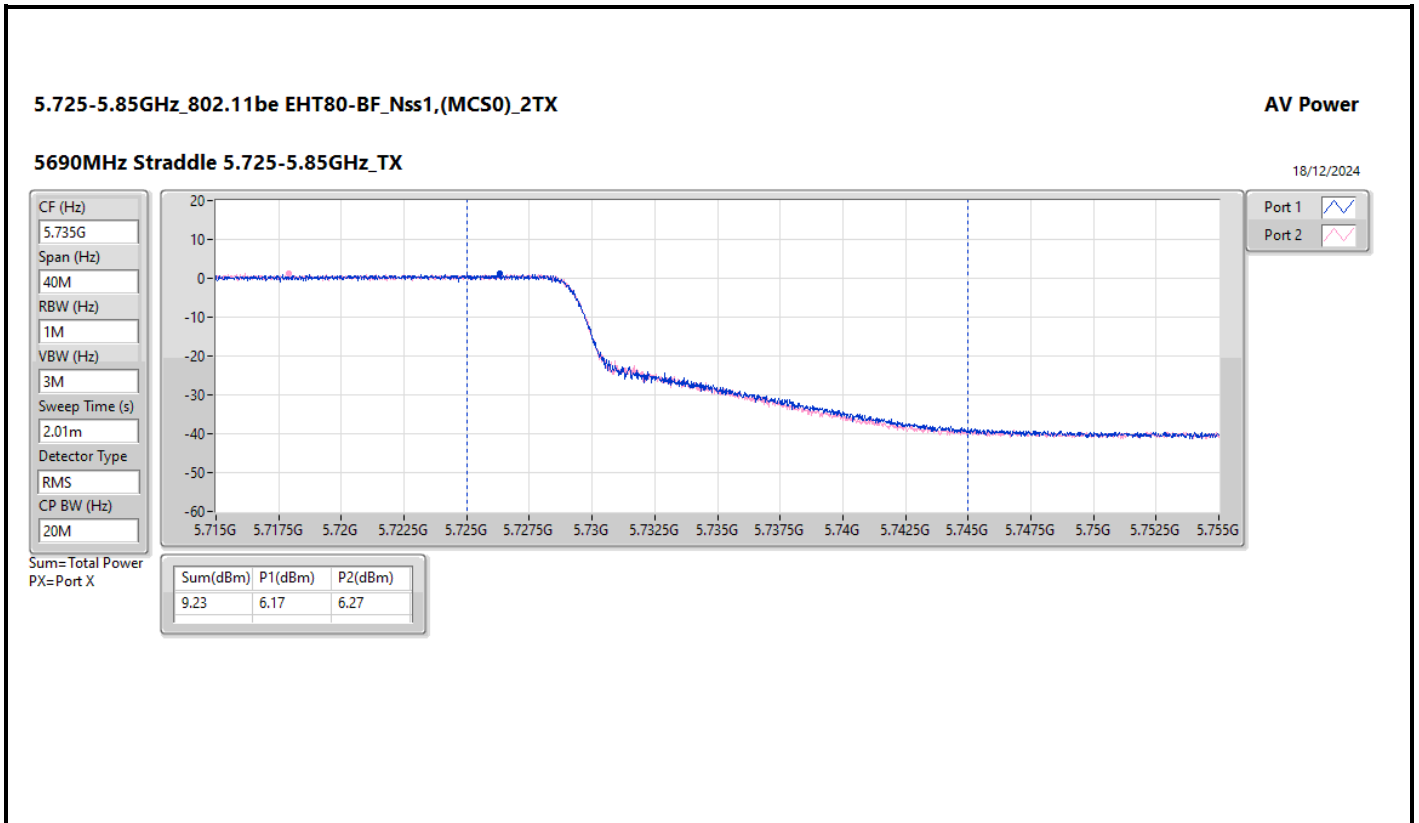
5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

18/12/2024







Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.46
802.11be EHT20_Nss1,(MCS0)_1TX	8.04
802.11be EHT40_Nss1,(MCS0)_1TX	4.78
802.11be EHT80_Nss1,(MCS0)_1TX	1.46
802.11be EHT160_Nss1,(MCS0)_1TX	-1.04
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.99
802.11be EHT20_Nss1,(MCS0)_1TX	6.48
802.11be EHT40_Nss1,(MCS0)_1TX	3.19
802.11be EHT80_Nss1,(MCS0)_1TX	-0.33

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

**Result**

Mode	Result	DG	Port 1	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5500MHz	Pass	5.86	7.97	7.97	11.00
5580MHz	Pass	5.86	8.18	8.18	11.00
5700MHz	Pass	5.86	8.35	8.35	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.86	8.46	8.46	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	6.99	6.99	30.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5500MHz	Pass	5.86	7.59	7.59	11.00
5580MHz	Pass	5.86	7.59	7.59	11.00
5700MHz	Pass	5.86	7.69	7.69	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.86	8.04	8.04	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.00	6.48	6.48	30.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5510MHz	Pass	5.86	4.50	4.50	11.00
5550MHz	Pass	5.86	4.71	4.71	11.00
5670MHz	Pass	5.86	4.40	4.40	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.86	4.78	4.78	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.00	3.19	3.19	30.00
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5530MHz	Pass	5.86	1.21	1.21	11.00
5610MHz	Pass	5.86	1.46	1.46	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.86	1.35	1.35	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.00	-0.33	-0.33	30.00
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-
5570MHz	Pass	5.86	-1.04	-1.04	11.00

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.

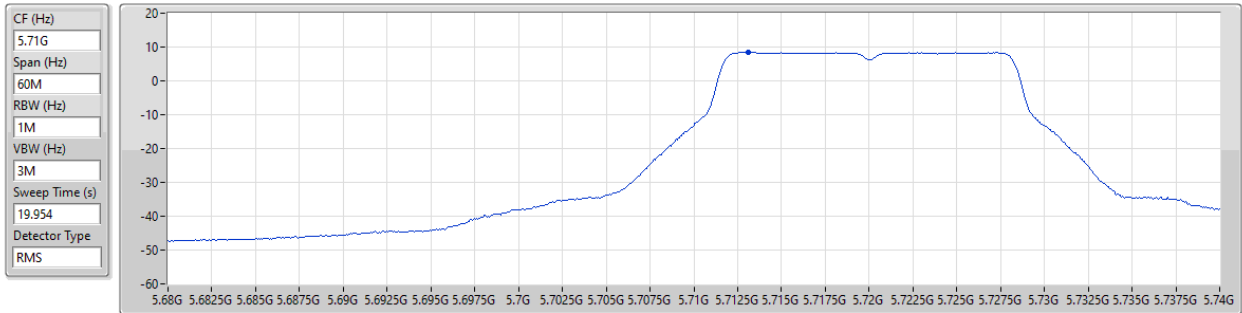


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

10/12/2024



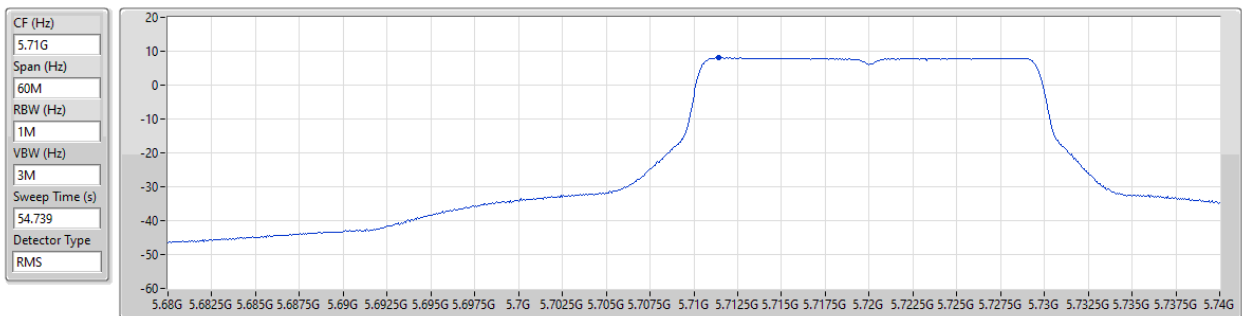
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	8.46

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

10/12/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	8.04

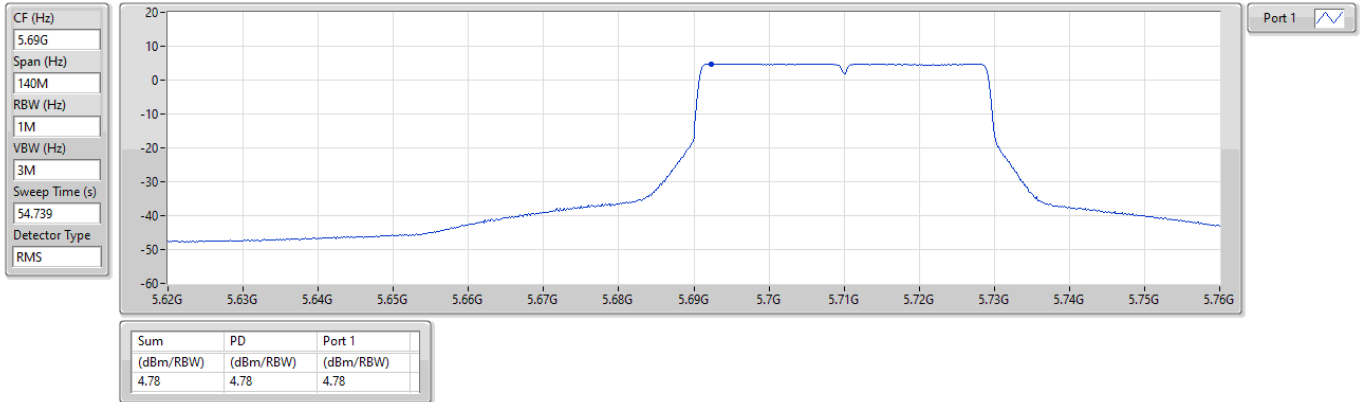


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

10/12/2024

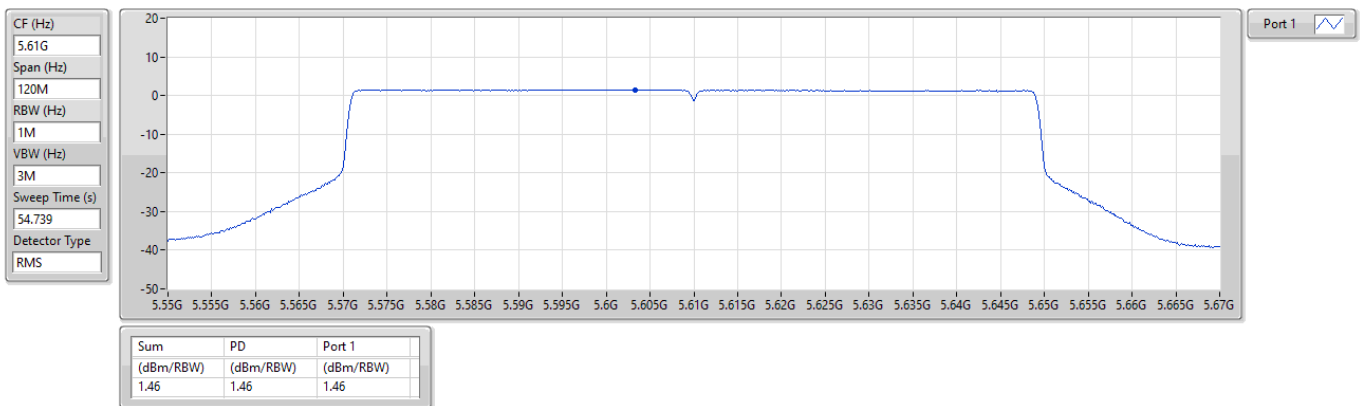


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

10/12/2024





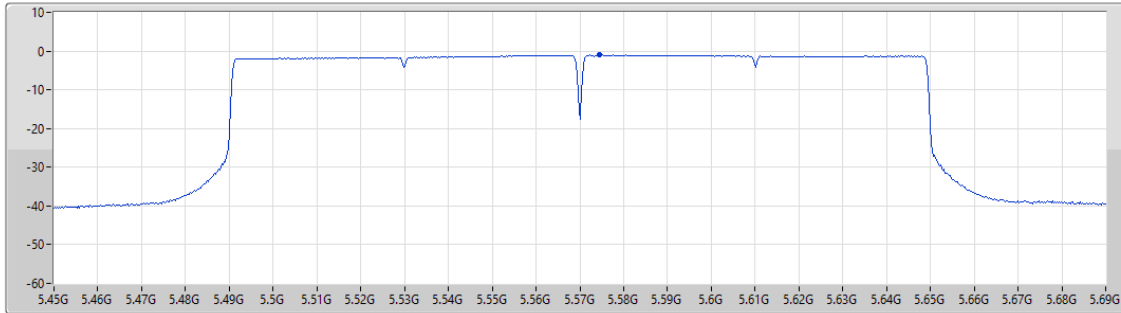
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

PSD

5570MHz

10/12/2024

CF (Hz)
5.57G
Span (Hz)
240M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.04	-1.04	-1.04

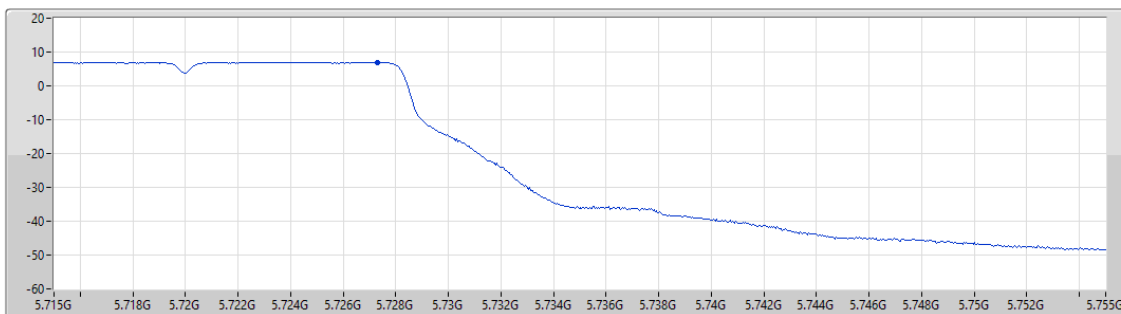
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

10/12/2024

CF (Hz)
5.735G
Span (Hz)
40M
RBW (Hz)
500k
VBW (Hz)
3M
Sweep Time (s)
19.954
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	6.99

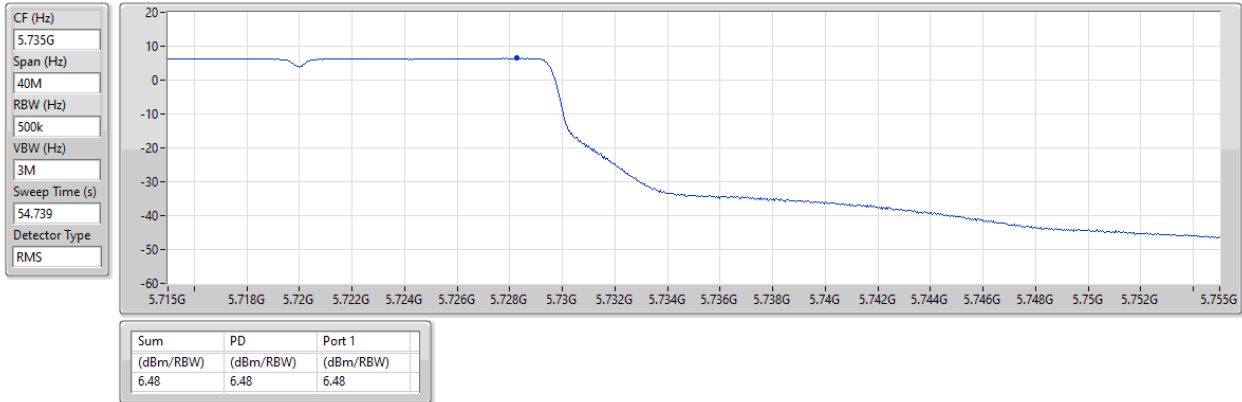


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

10/12/2024

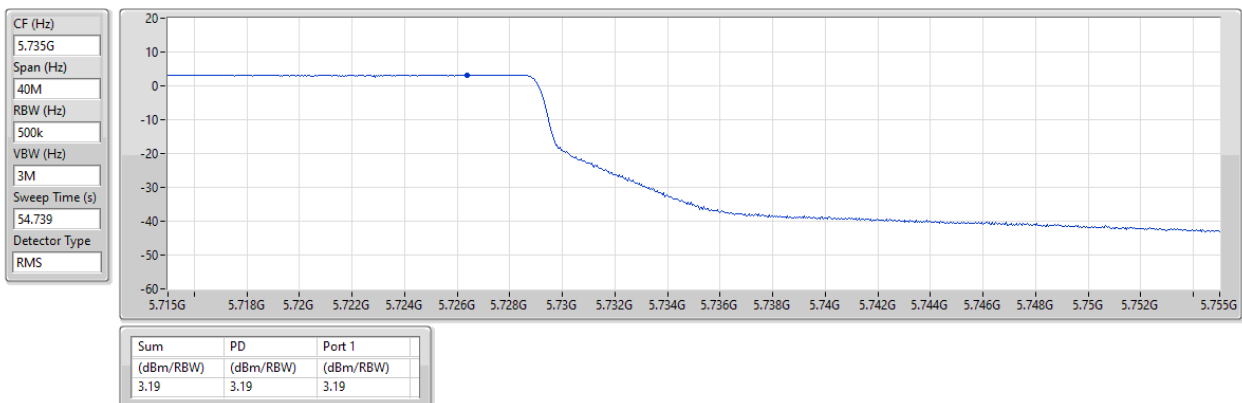


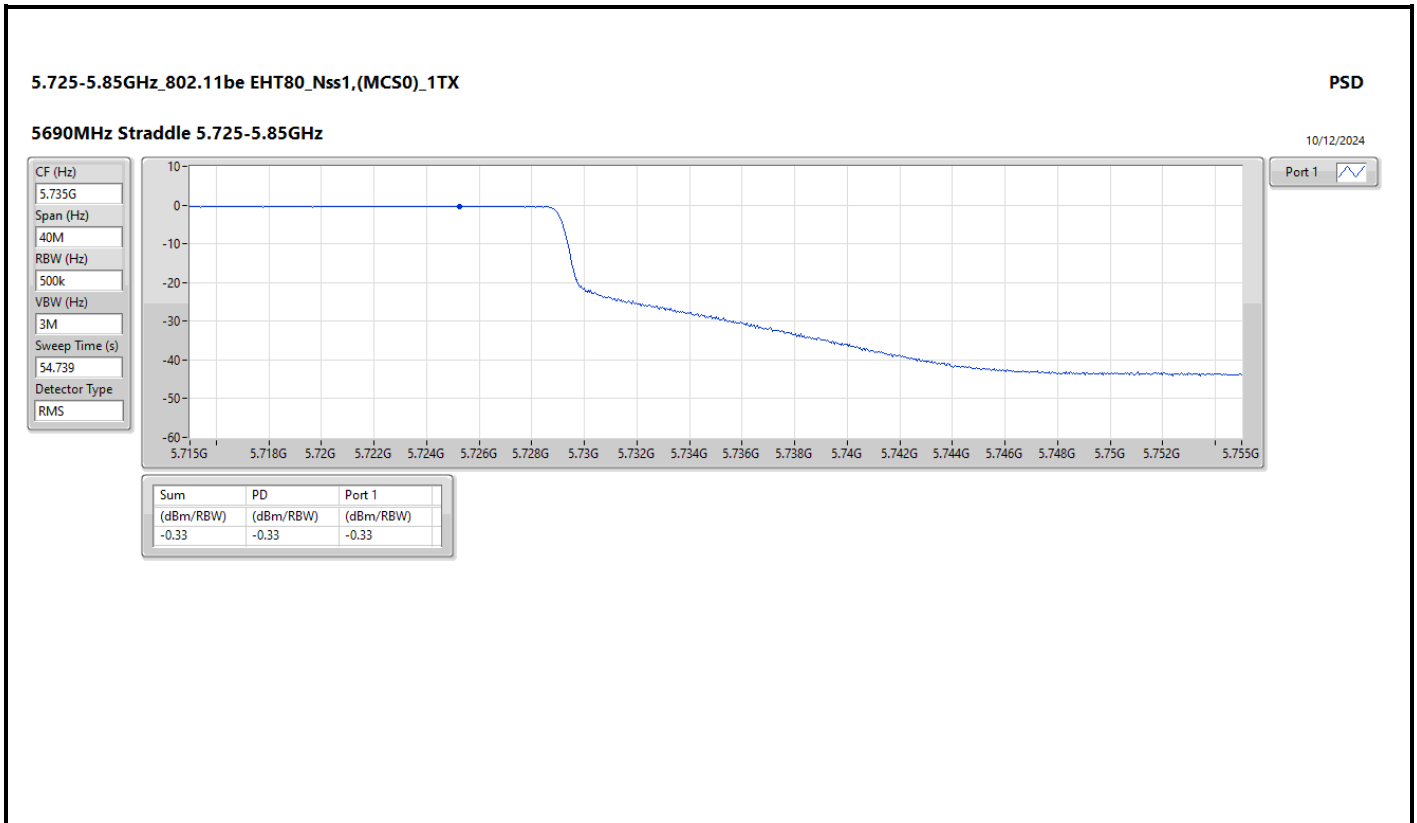
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

10/12/2024







Summary

Mode	PD
	(dBm/RBW)
5.15-5.25GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	1.55

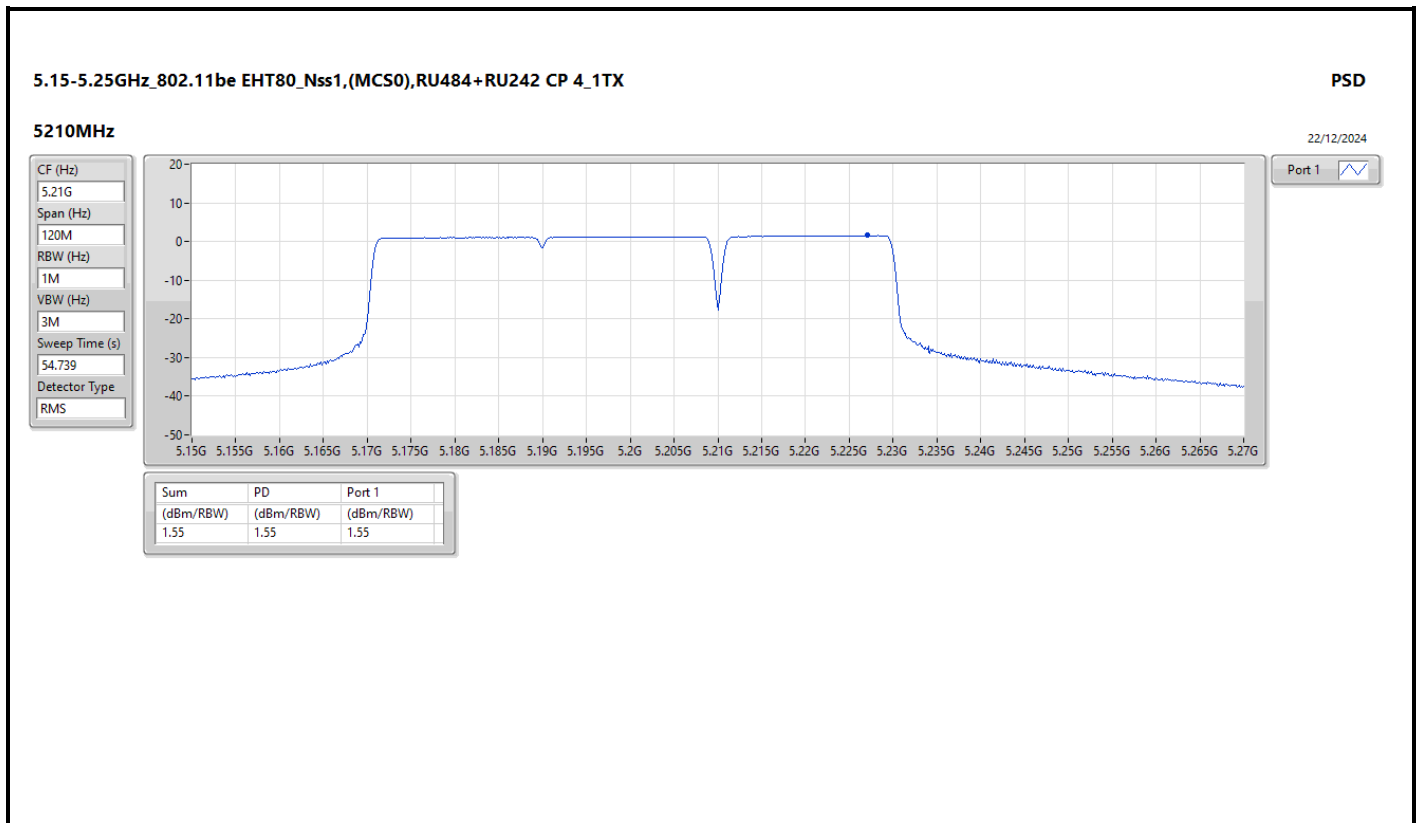
RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;



Result

Mode	Result	DG	Port 1	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-
5210MHz	Pass	4.35	1.55	1.55	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.





Summary

Mode	PD
	(dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.32
802.11be EHT20_Nss1,(MCS0)_2TX	9.43
802.11be EHT40_Nss1,(MCS0)_2TX	7.02
802.11be EHT80_Nss1,(MCS0)_2TX	3.50
802.11be EHT160_Nss1,(MCS0)_2TX	0.10
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.54
802.11be EHT20_Nss1,(MCS0)_2TX	7.45
802.11be EHT40_Nss1,(MCS0)_2TX	5.52
802.11be EHT80_Nss1,(MCS0)_2TX	1.83

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

**Result**

Mode	Result	DG	Port 1	Port 2	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5500MHz	Pass	7.56	6.15	6.16	9.12	9.44
5580MHz	Pass	7.56	6.72	5.94	9.32	9.44
5700MHz	Pass	7.56	6.33	6.29	9.31	9.44
5720MHz Straddle 5.47-5.725GHz	Pass	7.56	6.60	5.69	9.13	9.44
5720MHz Straddle 5.725-5.85GHz	Pass	6.98	4.89	4.15	7.54	29.02
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	7.56	6.17	6.06	9.10	9.44
5580MHz	Pass	7.56	6.84	6.00	9.43	9.44
5700MHz	Pass	7.56	6.26	6.29	9.29	9.44
5720MHz Straddle 5.47-5.725GHz	Pass	7.56	6.57	5.68	9.12	9.44
5720MHz Straddle 5.725-5.85GHz	Pass	6.98	4.79	4.18	7.45	29.02
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	7.56	3.56	3.69	6.49	9.44
5550MHz	Pass	7.56	3.74	3.46	6.37	9.44
5670MHz	Pass	7.56	3.46	3.88	6.66	9.44
5710MHz Straddle 5.47-5.725GHz	Pass	7.56	4.37	3.87	7.02	9.44
5710MHz Straddle 5.725-5.85GHz	Pass	6.98	2.79	2.29	5.52	29.02
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	7.56	-0.33	0.18	2.68	9.44
5610MHz	Pass	7.56	0.47	0.37	3.29	9.44
5690MHz Straddle 5.47-5.725GHz	Pass	7.56	0.46	0.61	3.50	9.44
5690MHz Straddle 5.725-5.85GHz	Pass	6.98	-1.10	-1.21	1.83	29.02
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5570MHz	Pass	7.56	-2.63	-2.57	0.10	9.44

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.

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

PSD

5580MHz

09/12/2024

CF (Hz)
5.58G

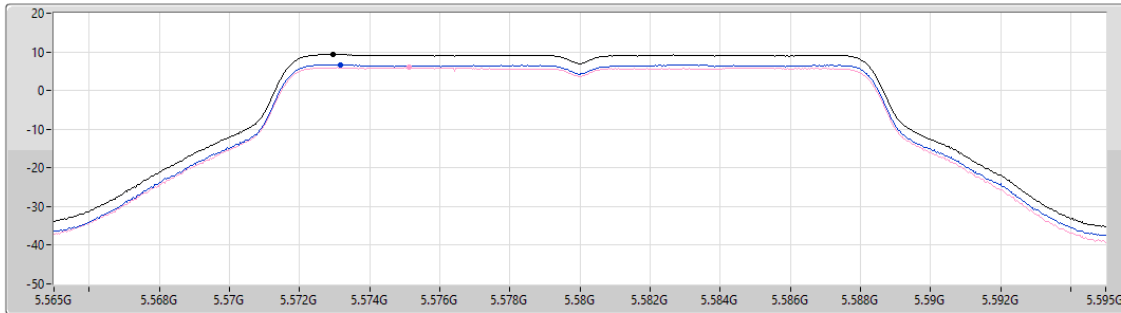
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	6.72	5.94

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

PSD

5580MHz

09/12/2024

CF (Hz)
5.58G

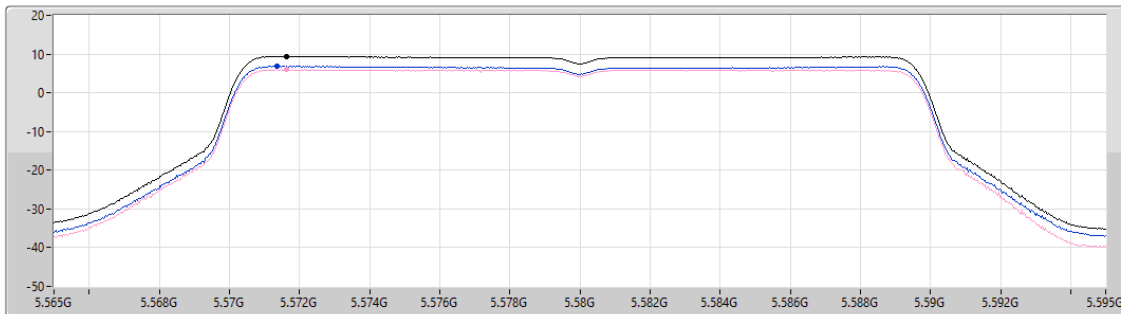
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.43	9.43	6.84	6.00

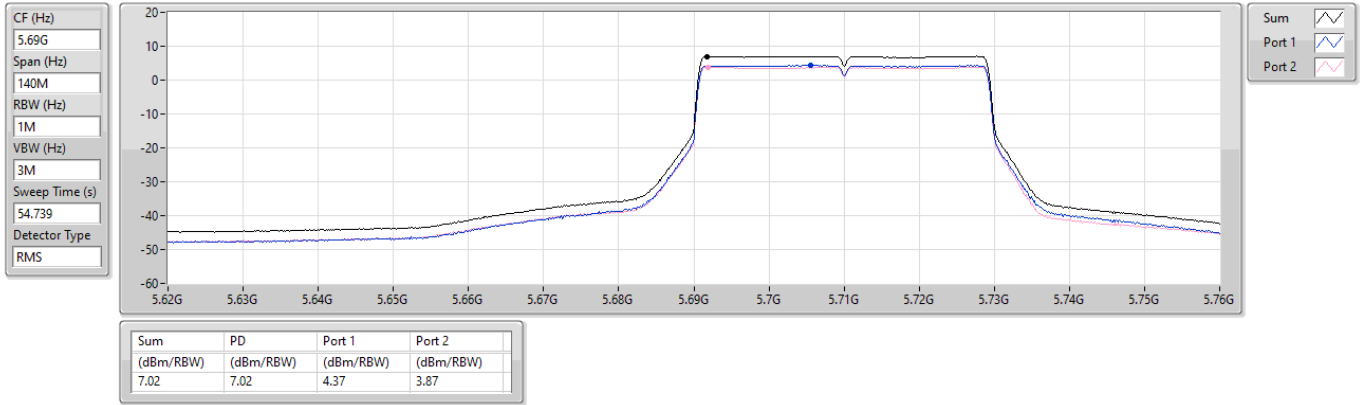


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

09/12/2024

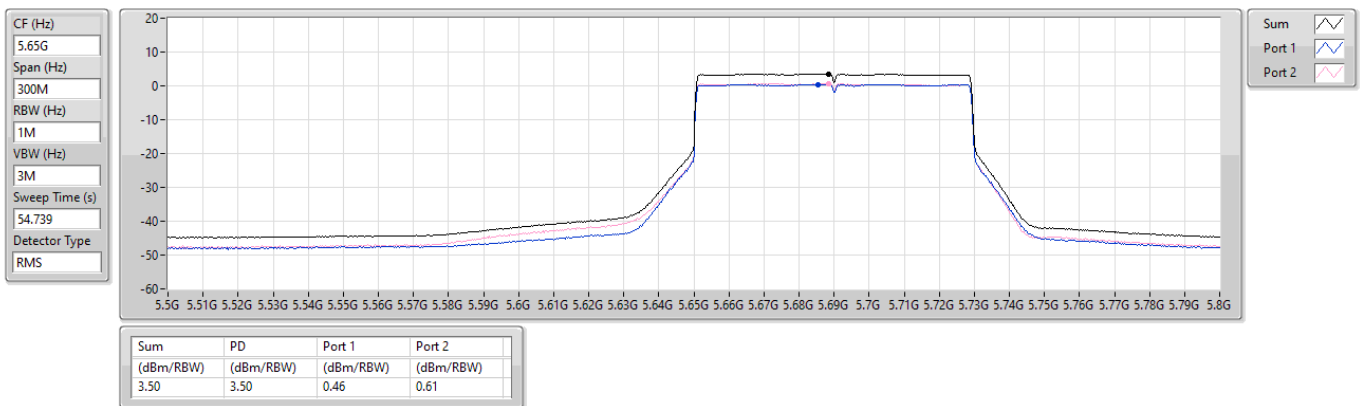


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/12/2024



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

PSD

5570MHz

09/12/2024

CF (Hz)
5.57G

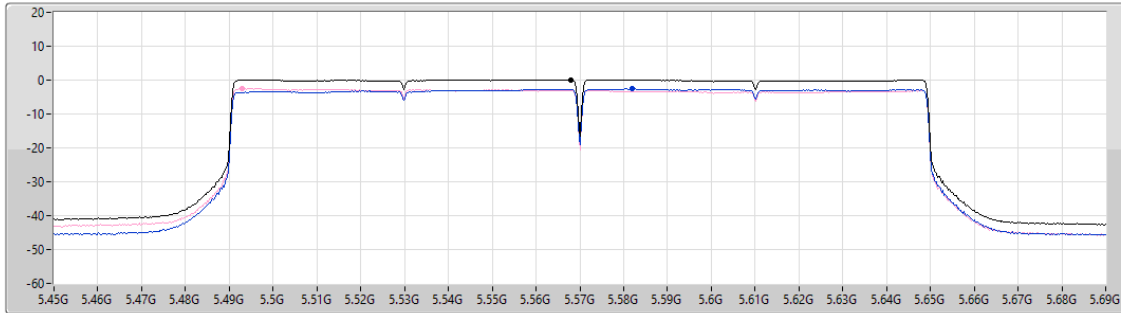
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.10	0.10	-2.63	-2.57

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

PSD

5720MHz Straddle 5.725-5.85GHz

09/12/2024

CF (Hz)
5.735G

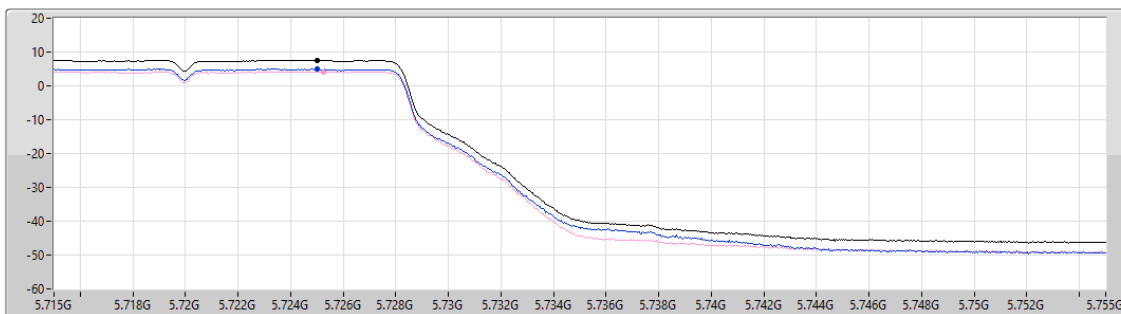
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.54	7.54	4.89	4.15

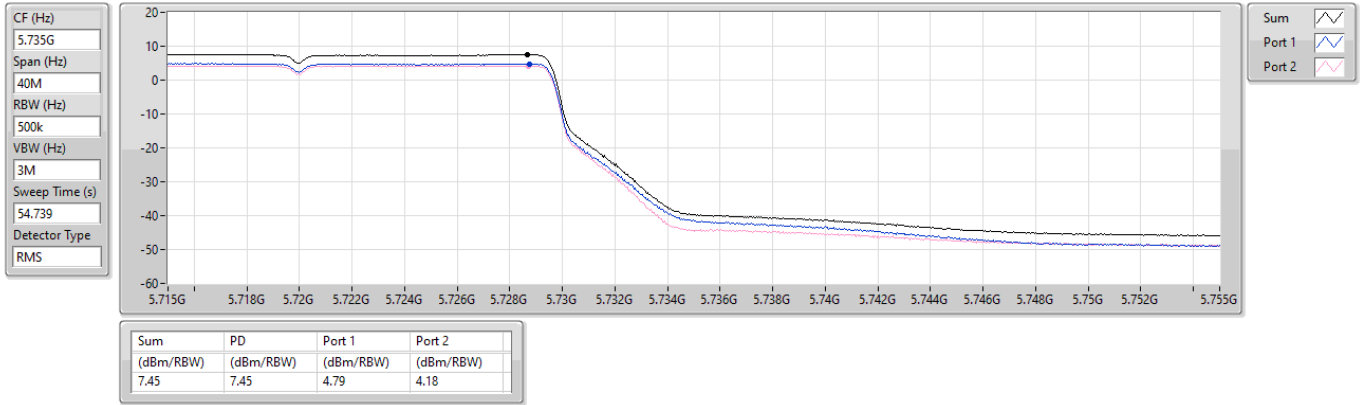


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/12/2024

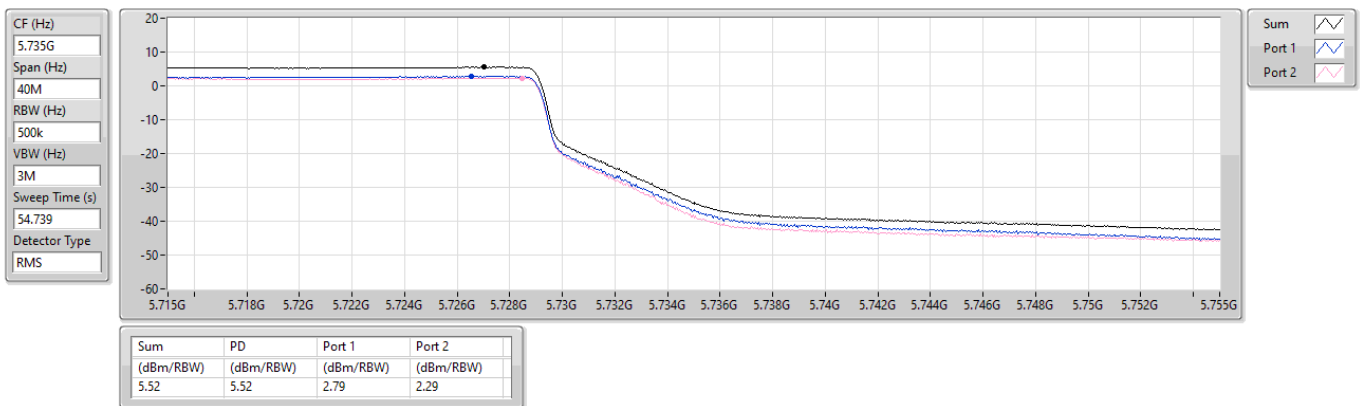


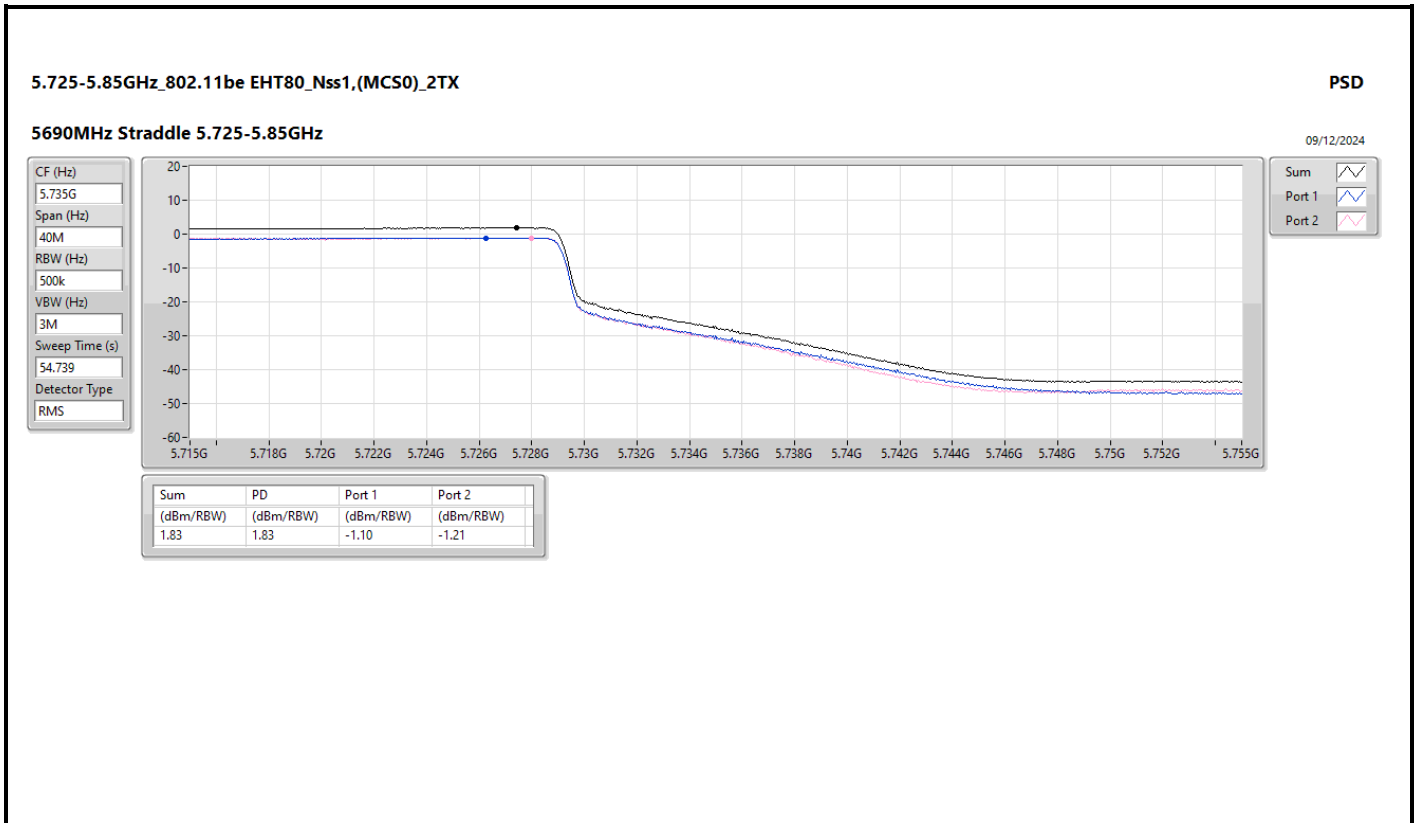
5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

09/12/2024







Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	3.43
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-2.38
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	1.76

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



Result

Mode	Result	DG	Port 1	Port 2	PD	PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-
5530MHz	Pass	7.56	-2.51	-2.13	0.48	9.44
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-
5610MHz	Pass	7.56	0.32	0.29	3.27	9.44
5690MHz Straddle 5.47-5.725GHz	Pass	7.56	0.44	0.53	3.43	9.44
5690MHz Straddle 5.725-5.85GHz	Pass	6.98	-1.38	-1.05	1.76	29.02
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-
5570MHz	Pass	7.56	-4.99	-5.34	-2.38	9.44
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-
5570MHz	Pass	7.56	-7.11	-7.76	-4.67	9.44

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.

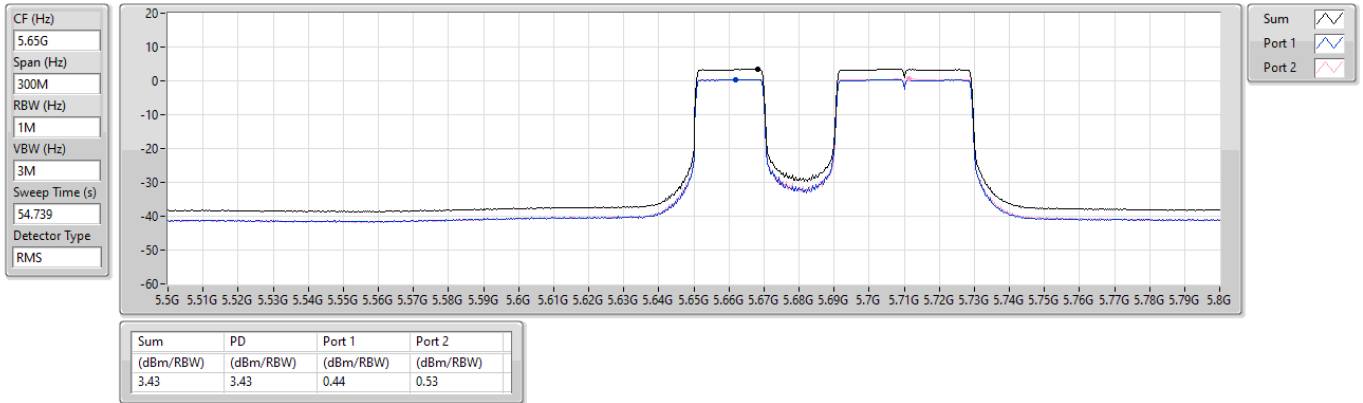


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP_2_TX

PSD

5690MHz Straddle 5.47-5.725GHz

15/12/2024

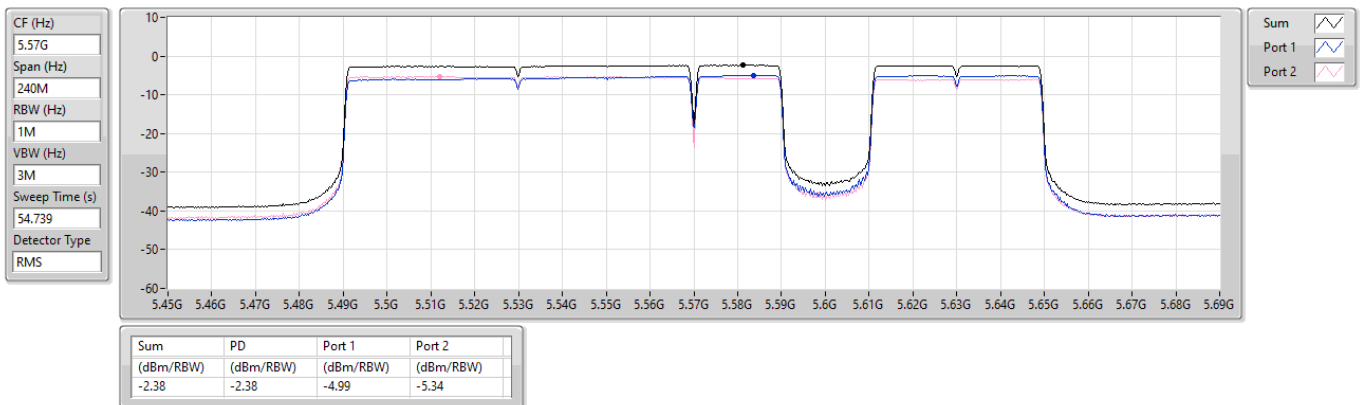


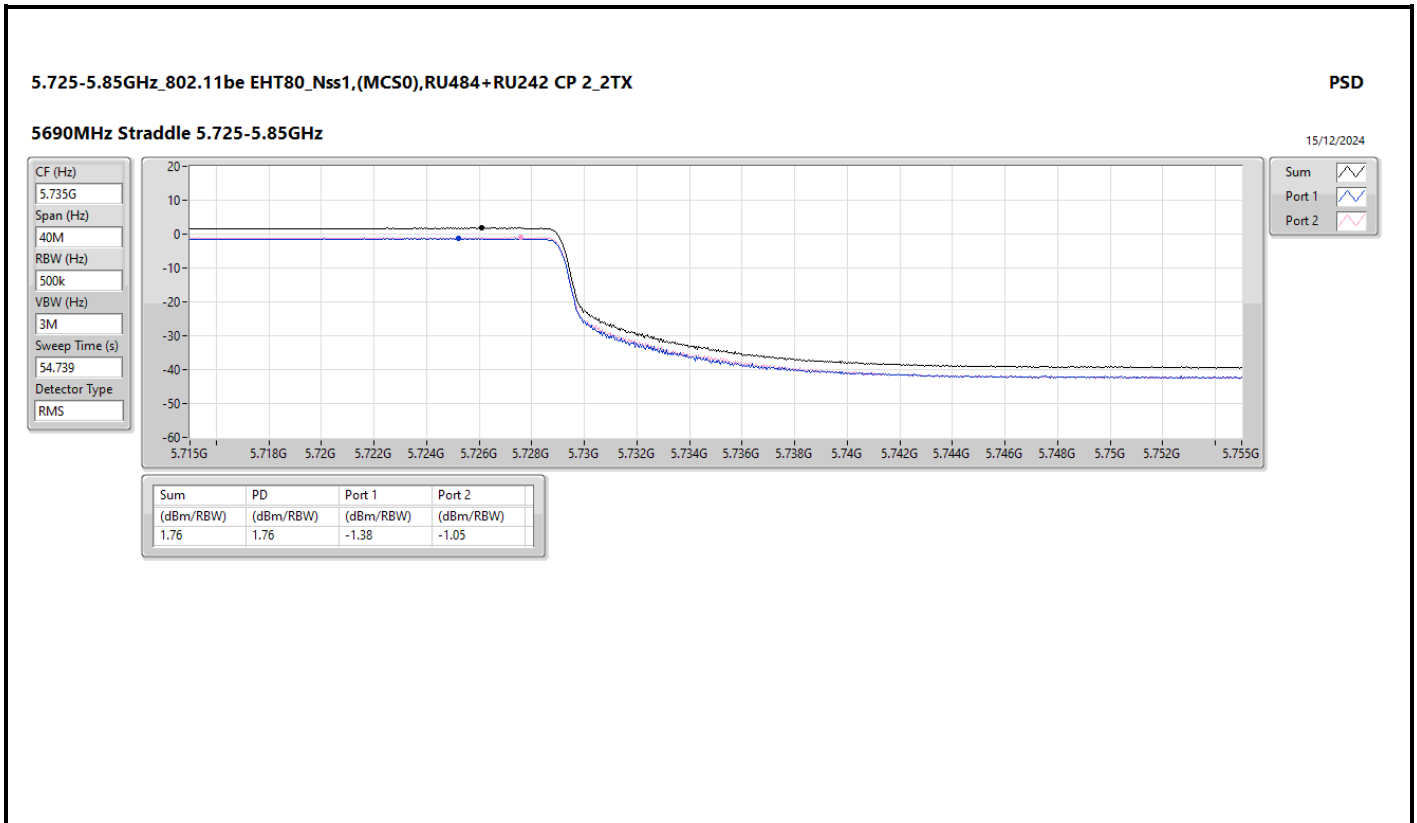
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP_6_TX

PSD

5570MHz

21/12/2024







RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	PK	30M	33.29	40.00	-6.71	3	Vertical	360	1.00



RSE TX below 1GHz Non-Beamforming Radio 2_1T1S_Full RU Appendix E.1

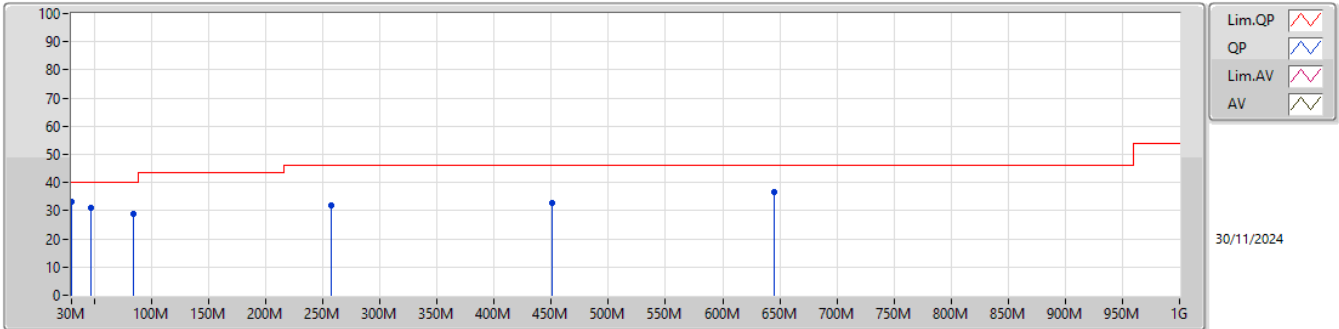
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	PK	30M	33.29	40.00	-6.71	3	Vertical	360	1.00
5530MHz	Pass	PK	47.46M	30.95	40.00	-9.05	3	Vertical	360	1.00
5530MHz	Pass	PK	84.32M	29.01	40.00	-10.99	3	Vertical	360	1.00
5530MHz	Pass	PK	256.98M	32.05	46.00	-13.95	3	Vertical	360	1.00
5530MHz	Pass	PK	450.98M	32.88	46.00	-13.12	3	Vertical	360	1.00
5530MHz	Pass	PK	644.98M	36.84	46.00	-9.16	3	Vertical	360	1.00
5530MHz	Pass	PK	47.46M	24.79	40.00	-15.21	3	Horizontal	0	1.00
5530MHz	Pass	PK	159.98M	29.43	43.50	-14.07	3	Horizontal	0	1.00
5530MHz	Pass	PK	210.42M	28.91	43.50	-14.59	3	Horizontal	0	1.00
5530MHz	Pass	PK	276.38M	35.05	46.00	-10.95	3	Horizontal	0	1.00
5530MHz	Pass	PK	317.12M	33.96	46.00	-12.04	3	Horizontal	0	1.00
5530MHz	Pass	PK	633.34M	34.06	46.00	-11.94	3	Horizontal	0	1.00



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

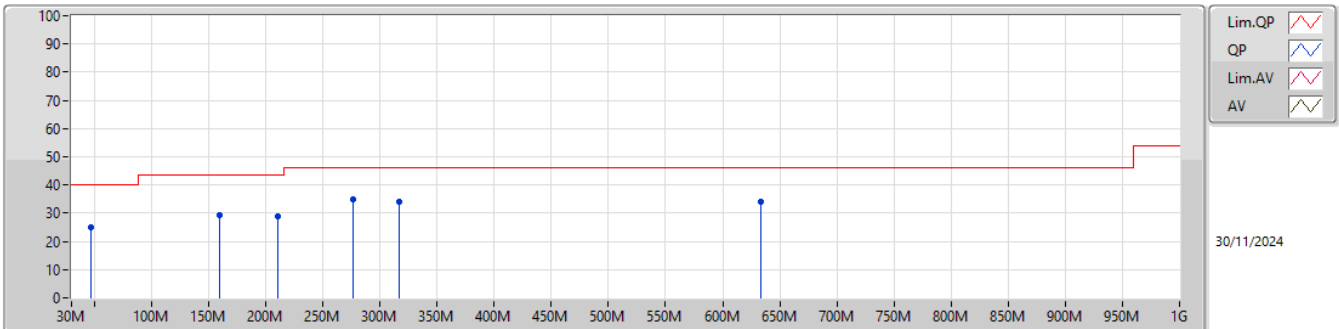
5530MHz_PoE



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)				
PK	30M	33.29	40.00	-6.71	-3.00	3	Vertical	360	1.00	36.29	24.27	0.24	27.51				
PK	47.46M	30.95	40.00	-9.05	-11.77	3	Vertical	360	1.00	42.72	15.19	0.40	27.36				
PK	84.32M	29.01	40.00	-10.99	-12.66	3	Vertical	360	1.00	41.67	13.85	0.82	27.33				
PK	256.98M	32.05	46.00	-13.95	-5.12	3	Vertical	360	1.00	37.17	19.44	2.17	26.73				
PK	450.98M	32.88	46.00	-13.12	-1.98	3	Vertical	360	1.00	34.86	22.97	2.91	27.86				
PK	644.98M	36.84	46.00	-9.16	0.68	3	Vertical	360	1.00	36.16	25.13	3.76	28.21				

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5530MHz_PoE



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)				
PK	47.46M	24.79	40.00	-15.21	-11.77	3	Horizontal	0	1.00	36.56	15.19	0.40	27.36				
PK	159.98M	29.43	43.50	-14.07	-9.42	3	Horizontal	0	1.00	38.85	15.96	1.72	27.10				
PK	210.42M	28.91	43.50	-14.59	-9.66	3	Horizontal	0	1.00	38.57	15.18	2.06	26.90				
PK	276.38M	35.05	46.00	-10.95	-5.57	3	Horizontal	0	1.00	40.62	18.95	2.20	26.72				
PK	317.12M	33.96	46.00	-12.04	-4.76	3	Horizontal	0	1.00	38.72	19.73	2.33	26.82				
PK	633.34M	34.06	46.00	-11.94	0.53	3	Horizontal	0	1.00	33.53	25.04	3.71	28.22				



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	5.7252G	63.30	68.20	-4.90	3	Vertical	30	2.42
802.11be EHT20_Nss1,(MCS0)_1TX	Pass	PK	5.7256G	67.67	68.20	-0.53	3	Vertical	34	2.41
802.11be EHT40_Nss1,(MCS0)_1TX	Pass	PK	5.4656G	67.66	68.20	-0.54	3	Vertical	35	2.70
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	AV	5.46G	52.42	54.00	-1.58	3	Vertical	37	2.70
802.11be EHT160_Nss1,(MCS0)_1TX	Pass	AV	5.4596G	53.59	54.00	-0.41	3	Vertical	33	2.61



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Full RU Appendix E.2

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	AV	5.46G	48.50	54.00	-5.50	3	Vertical	41	2.30
5500MHz	Pass	AV	5.5066G	105.40	Inf	-Inf	3	Vertical	41	2.30
5500MHz	Pass	PK	5.4564G	61.35	74.00	-12.65	3	Vertical	41	2.30
5500MHz	Pass	PK	5.4678G	61.90	68.20	-6.30	3	Vertical	41	2.30
5500MHz	Pass	PK	5.5034G	115.74	Inf	-Inf	3	Vertical	41	2.30
5500MHz	Pass	AV	5.4574G	46.53	54.00	-7.47	3	Horizontal	26	1.35
5500MHz	Pass	AV	5.5062G	101.06	Inf	-Inf	3	Horizontal	26	1.35
5500MHz	Pass	PK	5.46G	59.83	74.00	-14.17	3	Horizontal	26	1.35
5500MHz	Pass	PK	5.4636G	59.93	68.20	-8.27	3	Horizontal	26	1.35
5500MHz	Pass	PK	5.4982G	111.70	Inf	-Inf	3	Horizontal	26	1.35
5500MHz	Pass	AV	10.98656G	39.76	54.00	-14.24	3	Vertical	87	1.50
5500MHz	Pass	PK	10.98626G	53.51	74.00	-20.49	3	Vertical	87	1.50
5500MHz	Pass	AV	10.9865G	39.82	54.00	-14.18	3	Horizontal	168	1.27
5500MHz	Pass	PK	10.99802G	53.64	74.00	-20.36	3	Horizontal	168	1.27
5580MHz	Pass	AV	5.4594G	46.08	54.00	-7.92	3	Vertical	35	2.73
5580MHz	Pass	AV	5.5728G	104.49	Inf	-Inf	3	Vertical	35	2.73
5580MHz	Pass	PK	5.448G	58.75	74.00	-15.25	3	Vertical	35	2.73
5580MHz	Pass	PK	5.4654G	59.27	68.20	-8.93	3	Vertical	35	2.73
5580MHz	Pass	PK	5.5734G	115.09	Inf	-Inf	3	Vertical	35	2.73
5580MHz	Pass	PK	5.7258G	60.29	68.20	-7.91	3	Vertical	35	2.73
5580MHz	Pass	AV	5.457G	45.67	54.00	-8.33	3	Horizontal	24	1.56
5580MHz	Pass	AV	5.5728G	100.44	Inf	-Inf	3	Horizontal	24	1.56
5580MHz	Pass	PK	5.445G	58.15	74.00	-15.85	3	Horizontal	24	1.56
5580MHz	Pass	PK	5.4624G	58.23	68.20	-9.97	3	Horizontal	24	1.56
5580MHz	Pass	PK	5.5734G	110.61	Inf	-Inf	3	Horizontal	24	1.56
5580MHz	Pass	PK	5.7294G	59.53	68.20	-8.67	3	Horizontal	24	1.56
5580MHz	Pass	AV	11.17464G	41.35	54.00	-12.65	3	Vertical	360	1.50
5580MHz	Pass	PK	11.17092G	54.80	74.00	-19.20	3	Vertical	360	1.50
5580MHz	Pass	AV	11.17362G	41.38	54.00	-12.62	3	Horizontal	360	2.99
5580MHz	Pass	PK	11.15964G	55.39	74.00	-18.61	3	Horizontal	360	2.99
5700MHz	Pass	AV	5.6932G	106.73	Inf	-Inf	3	Vertical	30	2.42
5700MHz	Pass	PK	5.7064G	117.27	Inf	-Inf	3	Vertical	30	2.42
5700MHz	Pass	PK	5.7252G	63.30	68.20	-4.90	3	Vertical	30	2.42
5700MHz	Pass	AV	5.7032G	102.82	Inf	-Inf	3	Horizontal	22	2.27
5700MHz	Pass	PK	5.7032G	113.24	Inf	-Inf	3	Horizontal	22	2.27
5700MHz	Pass	PK	5.7256G	61.56	68.20	-6.64	3	Horizontal	22	2.27
5700MHz	Pass	AV	11.38692G	42.05	54.00	-11.95	3	Vertical	194	1.50
5700MHz	Pass	PK	11.39088G	55.71	74.00	-18.29	3	Vertical	194	1.50
5700MHz	Pass	AV	11.38698G	42.01	54.00	-11.99	3	Horizontal	263	2.74
5700MHz	Pass	PK	11.38512G	55.69	74.00	-18.31	3	Horizontal	263	2.74
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.42G	45.83	54.00	-8.17	3	Vertical	29	2.38
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7176G	106.93	Inf	-Inf	3	Vertical	29	2.38
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4272G	58.80	74.00	-15.20	3	Vertical	29	2.38
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	58.39	68.20	-9.81	3	Vertical	29	2.38
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	117.22	Inf	-Inf	3	Vertical	29	2.38
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8772G	60.19	68.20	-8.01	3	Vertical	29	2.38
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.42G	45.73	54.00	-8.27	3	Horizontal	23	2.10
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7128G	103.53	Inf	-Inf	3	Horizontal	23	2.10
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.438G	58.66	74.00	-15.34	3	Horizontal	23	2.10
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4608G	57.81	68.20	-10.39	3	Horizontal	23	2.10
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.714G	113.99	Inf	-Inf	3	Horizontal	23	2.10
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9612G	59.84	68.20	-8.36	3	Horizontal	23	2.10
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.42728G	41.46	54.00	-12.54	3	Vertical	177	1.25
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43238G	55.46	74.00	-18.54	3	Vertical	177	1.25
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.425G	41.45	54.00	-12.55	3	Horizontal	78	1.01
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4292G	54.85	74.00	-19.15	3	Horizontal	78	1.01
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	AV	5.46G	48.54	54.00	-5.46	3	Vertical	42	2.30
5500MHz	Pass	AV	5.5088G	105.33	Inf	-Inf	3	Vertical	42	2.30
5500MHz	Pass	PK	5.4508G	62.77	74.00	-11.23	3	Vertical	42	2.30



RSE TX above 1GHz Non-Beamforming Radio 2 1T1S Full RU Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5500MHz	Pass	PK	5.47G	63.56	68.20	-4.64	3	Vertical	42	2.30
5500MHz	Pass	PK	5.5064G	118.16	Inf	-Inf	3	Vertical	42	2.30
5500MHz	Pass	AV	5.4596G	46.77	54.00	-7.23	3	Horizontal	26	1.49
5500MHz	Pass	AV	5.5086G	100.75	Inf	-Inf	3	Horizontal	26	1.49
5500MHz	Pass	PK	5.4552G	59.52	74.00	-14.48	3	Horizontal	26	1.49
5500MHz	Pass	PK	5.4686G	60.36	68.20	-7.84	3	Horizontal	26	1.49
5500MHz	Pass	PK	5.5068G	113.75	Inf	-Inf	3	Horizontal	26	1.49
5500MHz	Pass	AV	10.98656G	40.06	54.00	-13.94	3	Vertical	179	1.34
5500MHz	Pass	PK	11.0147G	54.61	74.00	-19.39	3	Vertical	179	1.34
5500MHz	Pass	AV	10.9865G	40.09	54.00	-13.91	3	Horizontal	41	1.21
5500MHz	Pass	PK	10.9871G	53.68	74.00	-20.32	3	Horizontal	41	1.21
5580MHz	Pass	AV	5.457G	46.08	54.00	-7.92	3	Vertical	35	2.53
5580MHz	Pass	AV	5.5716G	104.01	Inf	-Inf	3	Vertical	35	2.53
5580MHz	Pass	PK	5.4522G	58.90	74.00	-15.10	3	Vertical	35	2.53
5580MHz	Pass	PK	5.4636G	58.87	68.20	-9.33	3	Vertical	35	2.53
5580MHz	Pass	PK	5.5776G	117.16	Inf	-Inf	3	Vertical	35	2.53
5580MHz	Pass	PK	5.7264G	60.10	68.20	-8.10	3	Vertical	35	2.53
5580MHz	Pass	AV	5.4396G	45.72	54.00	-8.28	3	Horizontal	26	1.45
5580MHz	Pass	AV	5.5728G	99.93	Inf	-Inf	3	Horizontal	26	1.45
5580MHz	Pass	PK	5.4492G	58.90	74.00	-15.10	3	Horizontal	26	1.45
5580MHz	Pass	PK	5.463G	58.54	68.20	-9.66	3	Horizontal	26	1.45
5580MHz	Pass	PK	5.5722G	112.73	Inf	-Inf	3	Horizontal	26	1.45
5580MHz	Pass	PK	5.7264G	59.92	68.20	-8.28	3	Horizontal	26	1.45
5580MHz	Pass	AV	11.17398G	41.56	54.00	-12.44	3	Vertical	360	1.50
5580MHz	Pass	PK	11.15076G	55.53	74.00	-18.47	3	Vertical	360	1.50
5580MHz	Pass	AV	11.17404G	41.65	54.00	-12.35	3	Horizontal	341	1.49
5580MHz	Pass	PK	11.16426G	55.46	74.00	-18.54	3	Horizontal	341	1.49
5700MHz	Pass	AV	5.6932G	106.35	Inf	-Inf	3	Vertical	34	2.41
5700MHz	Pass	PK	5.6936G	119.33	Inf	-Inf	3	Vertical	34	2.41
5700MHz	Pass	PK	5.7256G	67.67	68.20	-0.53	3	Vertical	34	2.41
5700MHz	Pass	AV	5.6916G	102.35	Inf	-Inf	3	Horizontal	26	2.14
5700MHz	Pass	PK	5.6932G	115.58	Inf	-Inf	3	Horizontal	26	2.14
5700MHz	Pass	PK	5.7268G	65.21	68.20	-2.99	3	Horizontal	26	2.14
5700MHz	Pass	AV	11.39484G	42.28	54.00	-11.72	3	Vertical	40	1.50
5700MHz	Pass	PK	11.3874G	56.10	74.00	-17.90	3	Vertical	40	1.50
5700MHz	Pass	AV	11.38956G	42.15	54.00	-11.85	3	Horizontal	222	1.50
5700MHz	Pass	PK	11.40516G	55.72	74.00	-18.28	3	Horizontal	222	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	45.92	54.00	-8.08	3	Vertical	29	2.34
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7284G	106.79	Inf	-Inf	3	Vertical	29	2.34
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4272G	57.97	74.00	-16.03	3	Vertical	29	2.34
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	57.65	68.20	-10.55	3	Vertical	29	2.34
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7284G	119.36	Inf	-Inf	3	Vertical	29	2.34
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8544G	60.95	68.20	-7.25	3	Vertical	29	2.34
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.438G	45.65	54.00	-8.35	3	Horizontal	22	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7128G	102.92	Inf	-Inf	3	Horizontal	22	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.456G	58.03	74.00	-15.97	3	Horizontal	22	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	57.85	68.20	-10.35	3	Horizontal	22	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7272G	115.91	Inf	-Inf	3	Horizontal	22	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.9792G	59.99	68.20	-8.21	3	Horizontal	22	2.27
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.425G	41.57	54.00	-12.43	3	Vertical	16	1.80
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43172G	55.28	74.00	-18.72	3	Vertical	16	1.80
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.42734G	41.68	54.00	-12.32	3	Horizontal	300	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.43646G	54.82	74.00	-19.18	3	Horizontal	300	1.50
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	AV	5.4596G	49.12	54.00	-4.88	3	Vertical	35	2.70
5510MHz	Pass	AV	5.514G	100.12	Inf	-Inf	3	Vertical	35	2.70
5510MHz	Pass	PK	5.4596G	64.93	74.00	-9.07	3	Vertical	35	2.70
5510MHz	Pass	PK	5.4656G	67.66	68.20	-0.54	3	Vertical	35	2.70
5510MHz	Pass	PK	5.5072G	113.45	Inf	-Inf	3	Vertical	35	2.70
5510MHz	Pass	AV	5.46G	46.98	54.00	-7.02	3	Horizontal	28	2.30
5510MHz	Pass	AV	5.5144G	96.23	Inf	-Inf	3	Horizontal	28	2.30
5510MHz	Pass	PK	5.4452G	61.89	74.00	-12.11	3	Horizontal	28	2.30



RSE TX above 1GHz Non-Beamforming Radio 2_1T1S_Full RU Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5510MHz	Pass	PK	5.4656G	64.52	68.20	-3.68	3	Horizontal	28	2.30
5510MHz	Pass	PK	5.5128G	109.27	Inf	-Inf	3	Horizontal	28	2.30
5510MHz	Pass	AV	11.00536G	40.12	54.00	-13.88	3	Vertical	136	1.50
5510MHz	Pass	PK	11.00836G	54.22	74.00	-19.78	3	Vertical	136	1.50
5510MHz	Pass	AV	11.01016G	40.13	54.00	-13.87	3	Horizontal	232	1.50
5510MHz	Pass	PK	10.99624G	53.80	74.00	-20.20	3	Horizontal	232	1.50
5550MHz	Pass	AV	5.4596G	49.60	54.00	-4.40	3	Vertical	35	2.64
5550MHz	Pass	AV	5.5676G	100.45	Inf	-Inf	3	Vertical	35	2.64
5550MHz	Pass	PK	5.4564G	64.45	74.00	-9.55	3	Vertical	35	2.64
5550MHz	Pass	PK	5.4632G	66.49	68.20	-1.71	3	Vertical	35	2.64
5550MHz	Pass	PK	5.5388G	113.70	Inf	-Inf	3	Vertical	35	2.64
5550MHz	Pass	AV	5.4596G	47.30	54.00	-6.70	3	Horizontal	23	1.98
5550MHz	Pass	AV	5.568G	96.66	Inf	-Inf	3	Horizontal	23	1.98
5550MHz	Pass	PK	5.458G	60.48	74.00	-13.52	3	Horizontal	23	1.98
5550MHz	Pass	PK	5.47G	61.99	68.20	-6.21	3	Horizontal	23	1.98
5550MHz	Pass	PK	5.568G	110.37	Inf	-Inf	3	Horizontal	23	1.98
5550MHz	Pass	AV	11.12952G	40.85	54.00	-13.15	3	Vertical	339	2.08
5550MHz	Pass	PK	11.11188G	53.91	74.00	-20.09	3	Vertical	339	2.08
5550MHz	Pass	AV	11.12988G	40.87	54.00	-13.13	3	Horizontal	2	1.50
5550MHz	Pass	PK	11.12652G	54.12	74.00	-19.88	3	Horizontal	2	1.50
5670MHz	Pass	AV	5.6874G	101.18	Inf	-Inf	3	Vertical	27	2.60
5670MHz	Pass	PK	5.6652G	114.03	Inf	-Inf	3	Vertical	27	2.60
5670MHz	Pass	PK	5.7336G	61.26	68.20	-6.94	3	Vertical	27	2.60
5670MHz	Pass	AV	5.688G	97.67	Inf	-Inf	3	Horizontal	23	2.21
5670MHz	Pass	PK	5.6874G	110.02	Inf	-Inf	3	Horizontal	23	2.21
5670MHz	Pass	PK	5.7288G	60.99	68.20	-7.21	3	Horizontal	23	2.21
5670MHz	Pass	AV	11.31156G	42.71	54.00	-11.29	3	Vertical	262	2.98
5670MHz	Pass	PK	11.34744G	56.27	74.00	-17.73	3	Vertical	262	2.98
5670MHz	Pass	AV	11.3142G	42.76	54.00	-11.24	3	Horizontal	98	1.50
5670MHz	Pass	PK	11.35716G	57.01	74.00	-16.99	3	Horizontal	98	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4172G	45.00	54.00	-9.00	3	Vertical	30	2.40
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.698G	101.68	Inf	-Inf	3	Vertical	30	2.40
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4292G	57.43	74.00	-16.57	3	Vertical	30	2.40
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4664G	56.65	68.20	-11.55	3	Vertical	30	2.40
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.692G	114.56	Inf	-Inf	3	Vertical	30	2.40
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.914G	59.12	68.20	-9.08	3	Vertical	30	2.40
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4352G	44.88	54.00	-9.12	3	Horizontal	26	2.37
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.6956G	98.33	Inf	-Inf	3	Horizontal	26	2.37
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4292G	58.08	74.00	-15.92	3	Horizontal	26	2.37
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.464G	57.57	68.20	-10.63	3	Horizontal	26	2.37
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.7028G	112.06	Inf	-Inf	3	Horizontal	26	2.37
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.8732G	59.80	68.20	-8.40	3	Horizontal	26	2.37
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.39G	42.10	54.00	-11.90	3	Vertical	184	1.05
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.39528G	55.65	74.00	-18.35	3	Vertical	184	1.05
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.39492G	42.07	54.00	-11.93	3	Horizontal	266	1.46
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.40512G	55.52	74.00	-18.48	3	Horizontal	266	1.46
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.35G	46.24	54.00	-7.76	3	Vertical	37	2.70
5530MHz	Pass	AV	5.46G	52.42	54.00	-1.58	3	Vertical	37	2.70
5530MHz	Pass	AV	5.513G	96.79	Inf	-Inf	3	Vertical	37	2.70
5530MHz	Pass	PK	5.297G	59.25	68.20	-8.95	3	Vertical	37	2.70
5530MHz	Pass	PK	5.46G	65.64	74.00	-8.36	3	Vertical	37	2.70
5530MHz	Pass	PK	5.463G	65.63	68.20	-2.57	3	Vertical	37	2.70
5530MHz	Pass	PK	5.567G	110.30	Inf	-Inf	3	Vertical	37	2.70
5530MHz	Pass	PK	5.777G	60.40	68.20	-7.80	3	Vertical	37	2.70
5530MHz	Pass	AV	5.35G	45.33	54.00	-8.67	3	Horizontal	24	1.99
5530MHz	Pass	AV	5.459G	48.85	54.00	-5.15	3	Horizontal	24	1.99
5530MHz	Pass	AV	5.568G	92.71	Inf	-Inf	3	Horizontal	24	1.99
5530MHz	Pass	PK	5.299G	59.06	68.20	-9.14	3	Horizontal	24	1.99
5530MHz	Pass	PK	5.452G	61.99	74.00	-12.01	3	Horizontal	24	1.99
5530MHz	Pass	PK	5.466G	62.07	68.20	-6.13	3	Horizontal	24	1.99
5530MHz	Pass	PK	5.515G	105.60	Inf	-Inf	3	Horizontal	24	1.99



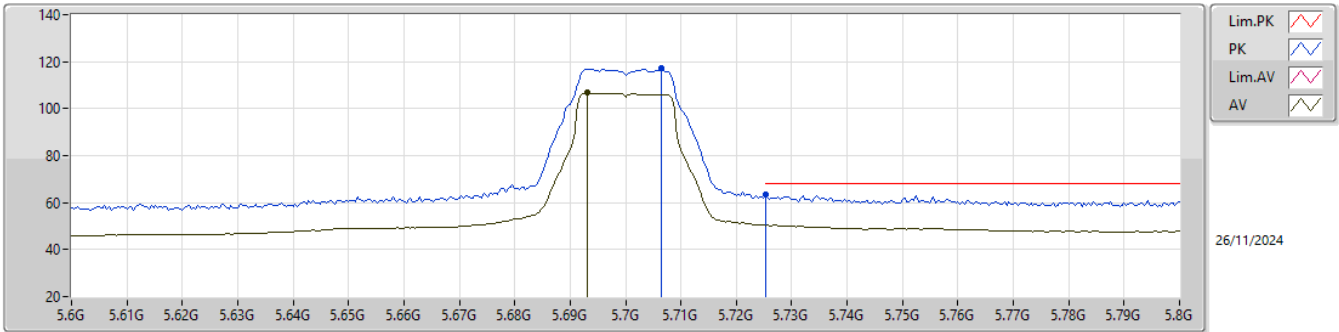
RSE TX above 1GHz Non-Beamforming Radio 2 1T1S Full RU Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5530MHz	Pass	PK	5.75G	59.97	68.20	-8.23	3	Horizontal	24	1.99
5530MHz	Pass	AV	11.108G	40.60	54.00	-13.40	3	Vertical	242	1.50
5530MHz	Pass	PK	11.09168G	54.37	74.00	-19.63	3	Vertical	242	1.50
5530MHz	Pass	AV	11.11064G	40.65	54.00	-13.35	3	Horizontal	275	2.95
5530MHz	Pass	PK	11.01896G	53.67	74.00	-20.33	3	Horizontal	275	2.95
5610MHz	Pass	AV	5.459G	45.71	54.00	-8.29	3	Vertical	31	2.45
5610MHz	Pass	AV	5.647G	97.32	Inf	-Inf	3	Vertical	31	2.45
5610MHz	Pass	PK	5.376G	59.38	74.00	-14.62	3	Vertical	31	2.45
5610MHz	Pass	PK	5.469G	57.77	68.20	-10.43	3	Vertical	31	2.45
5610MHz	Pass	PK	5.647G	110.33	Inf	-Inf	3	Vertical	31	2.45
5610MHz	Pass	PK	5.735G	60.32	68.20	-7.88	3	Vertical	31	2.45
5610MHz	Pass	AV	5.369G	45.24	54.00	-8.76	3	Horizontal	24	2.10
5610MHz	Pass	AV	5.647G	93.07	Inf	-Inf	3	Horizontal	24	2.10
5610MHz	Pass	PK	5.439G	57.87	74.00	-16.13	3	Horizontal	24	2.10
5610MHz	Pass	PK	5.466G	57.21	68.20	-10.99	3	Horizontal	24	2.10
5610MHz	Pass	PK	5.648G	106.46	Inf	-Inf	3	Horizontal	24	2.10
5610MHz	Pass	PK	5.746G	59.94	68.20	-8.26	3	Horizontal	24	2.10
5610MHz	Pass	AV	11.27352G	42.54	54.00	-11.46	3	Vertical	172	1.97
5610MHz	Pass	PK	11.24208G	55.51	74.00	-18.49	3	Vertical	172	1.97
5610MHz	Pass	AV	11.2788G	42.52	54.00	-11.48	3	Horizontal	312	1.50
5610MHz	Pass	PK	11.20176G	55.84	74.00	-18.16	3	Horizontal	312	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	45.44	54.00	-8.56	3	Vertical	29	2.39
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6828G	98.27	Inf	-Inf	3	Vertical	29	2.39
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.456G	57.99	74.00	-16.01	3	Vertical	29	2.39
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	58.21	68.20	-9.99	3	Vertical	29	2.39
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6948G	111.30	Inf	-Inf	3	Vertical	29	2.39
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8544G	60.34	68.20	-7.86	3	Vertical	29	2.39
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4584G	45.02	54.00	-8.98	3	Horizontal	22	2.19
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6828G	94.63	Inf	-Inf	3	Horizontal	22	2.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.45G	57.58	74.00	-16.42	3	Horizontal	22	2.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	57.69	68.20	-10.51	3	Horizontal	22	2.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6852G	107.75	Inf	-Inf	3	Horizontal	22	2.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	58.99	68.20	-9.21	3	Horizontal	22	2.19
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.33656G	42.78	54.00	-11.22	3	Vertical	66	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.31048G	56.32	74.00	-17.68	3	Vertical	66	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3452G	42.74	54.00	-11.26	3	Horizontal	65	2.99
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.32168G	56.22	74.00	-17.78	3	Horizontal	65	2.99
802.11be EHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4596G	53.59	54.00	-0.41	3	Vertical	33	2.61
5570MHz	Pass	AV	5.6468G	94.35	Inf	-Inf	3	Vertical	33	2.61
5570MHz	Pass	PK	5.3312G	64.16	68.20	-4.04	3	Vertical	33	2.61
5570MHz	Pass	PK	5.444G	67.62	74.00	-6.38	3	Vertical	33	2.61
5570MHz	Pass	PK	5.4668G	67.07	68.20	-1.13	3	Vertical	33	2.61
5570MHz	Pass	PK	5.5316G	107.29	Inf	-Inf	3	Vertical	33	2.61
5570MHz	Pass	PK	5.726G	67.56	68.20	-0.64	3	Vertical	33	2.61
5570MHz	Pass	AV	5.4596G	49.40	54.00	-4.60	3	Horizontal	25	2.38
5570MHz	Pass	AV	5.564G	90.39	Inf	-Inf	3	Horizontal	25	2.38
5570MHz	Pass	PK	5.2988G	59.80	68.20	-8.40	3	Horizontal	25	2.38
5570MHz	Pass	PK	5.432G	64.08	74.00	-9.92	3	Horizontal	25	2.38
5570MHz	Pass	PK	5.4692G	63.02	68.20	-5.18	3	Horizontal	25	2.38
5570MHz	Pass	PK	5.6408G	104.00	Inf	-Inf	3	Horizontal	25	2.38
5570MHz	Pass	PK	5.726G	63.22	68.20	-4.98	3	Horizontal	25	2.38
5570MHz	Pass	AV	11.25904G	42.20	54.00	-11.80	3	Vertical	32	1.50
5570MHz	Pass	PK	11.23024G	55.13	74.00	-18.87	3	Vertical	32	1.50
5570MHz	Pass	AV	11.25952G	42.29	54.00	-11.71	3	Horizontal	153	1.50
5570MHz	Pass	PK	11.24368G	54.88	74.00	-19.12	3	Horizontal	153	1.50



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

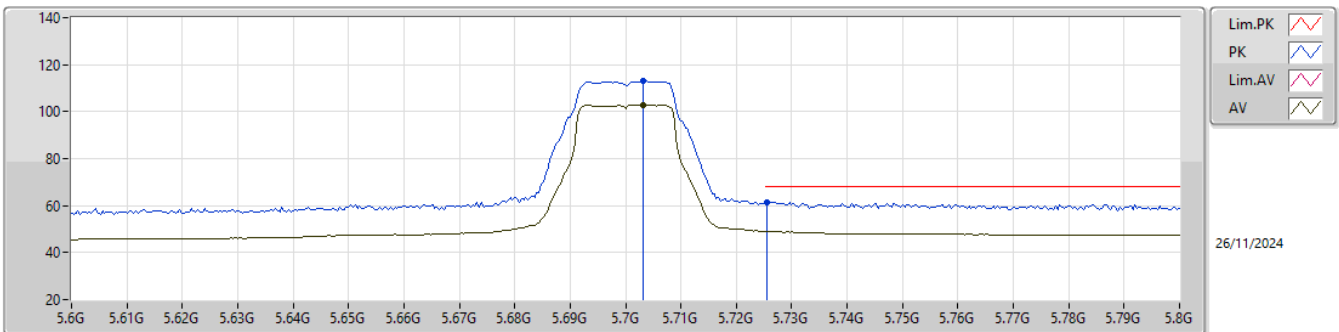
5700MHz_TX



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	5.6932G	106.73	Inf	-Inf	7.93	3	Vertical	30	2.42	98.80	33.55	8.44	34.06				
PK	5.7064G	117.27	Inf	-Inf	8.00	3	Vertical	30	2.42	109.27	33.61	8.46	34.07				
PK	5.7252G	63.30	68.20	-4.90	8.06	3	Vertical	30	2.42	55.24	33.65	8.48	34.07				

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

5700MHz_TX

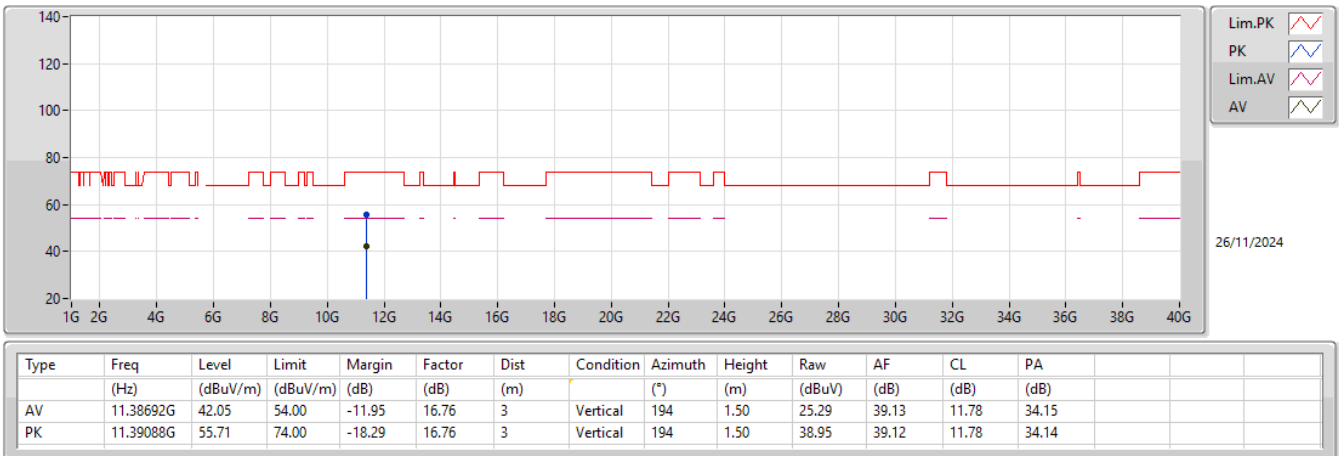


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.7032G	102.82	Inf	-Inf	7.99	3	Horizontal	22	2.27	94.83	33.61	8.45	34.07				
PK	5.7032G	113.24	Inf	-Inf	7.99	3	Horizontal	22	2.27	105.25	33.61	8.45	34.07				
PK	5.7256G	61.56	68.20	-6.64	8.06	3	Horizontal	22	2.27	53.50	33.65	8.48	34.07				



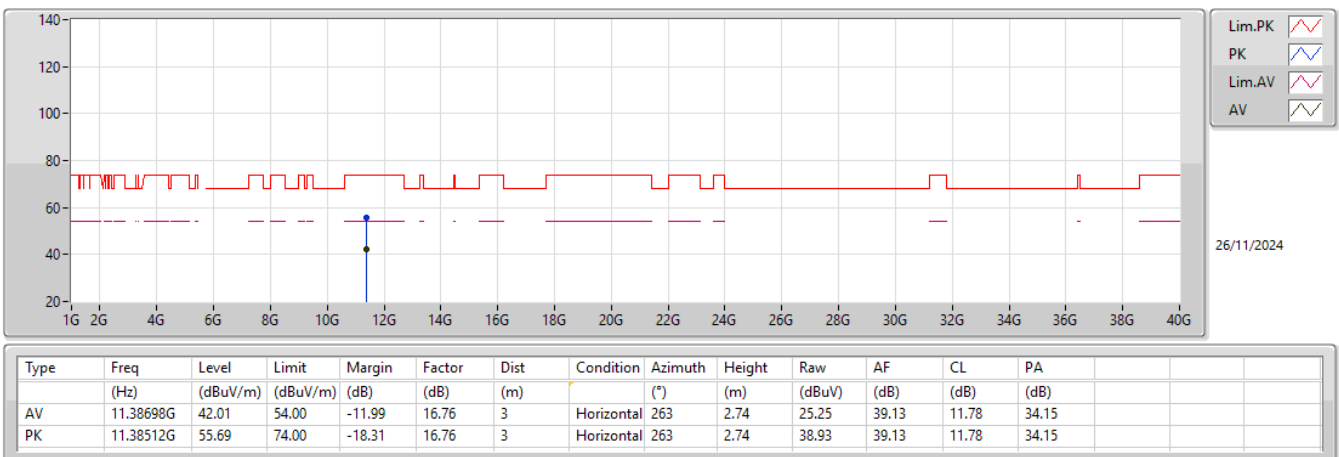
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5700MHz_TX



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

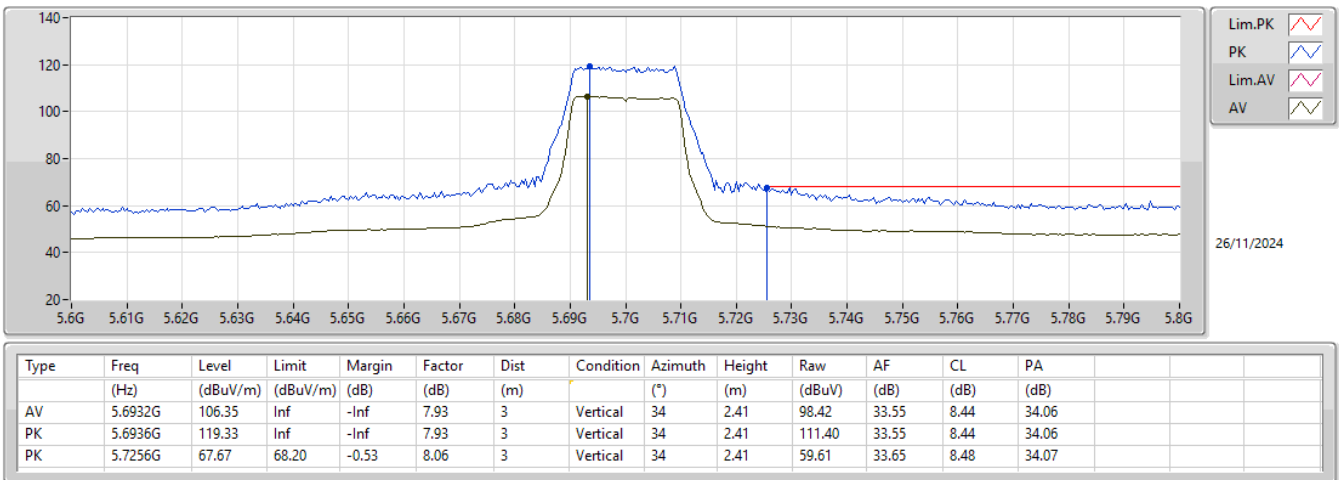
5700MHz_TX





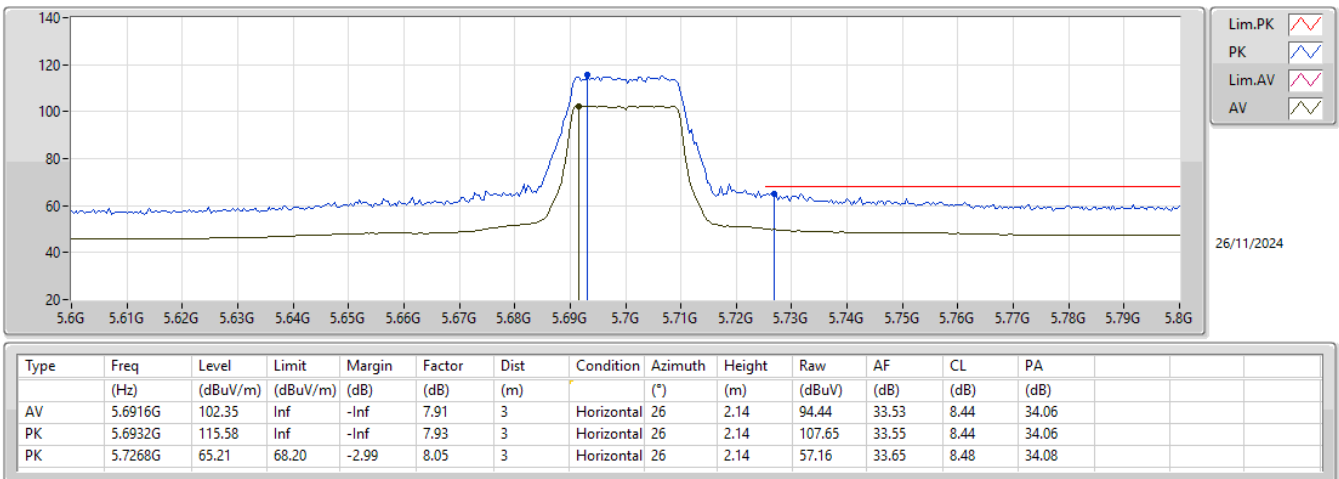
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5700MHz_TX



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

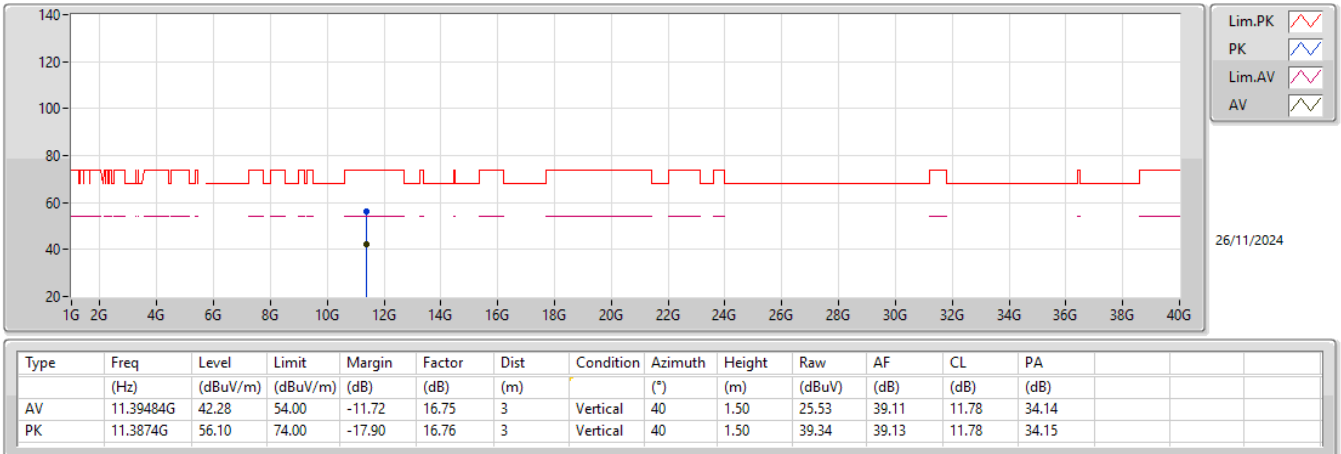
5700MHz_TX





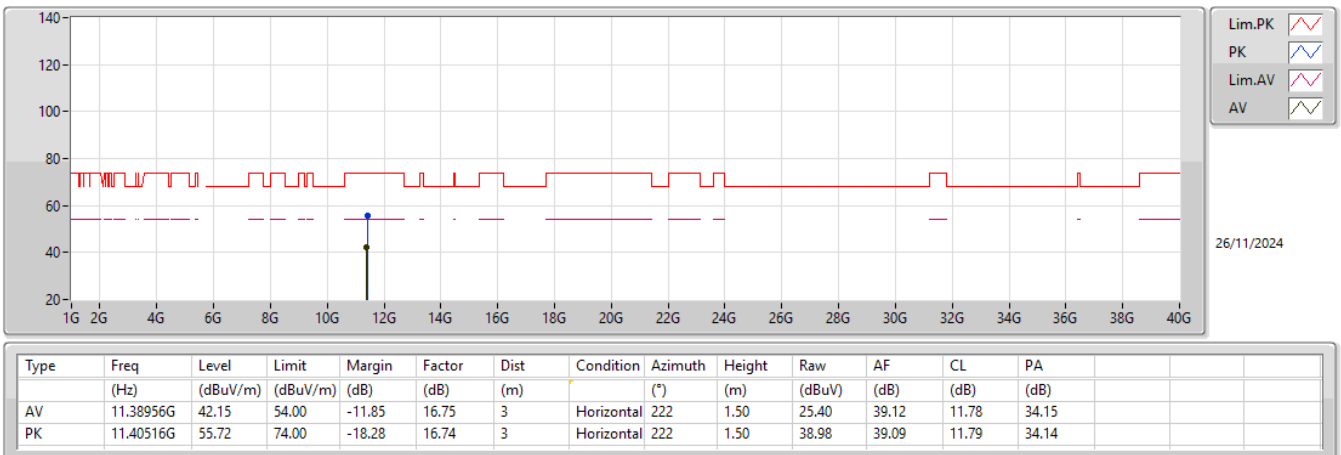
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

5700MHz_TX



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX

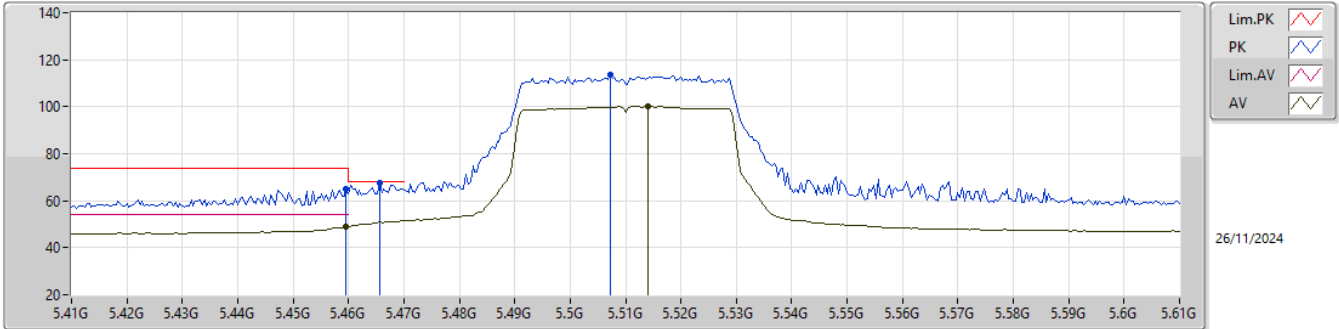
5700MHz_TX





5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

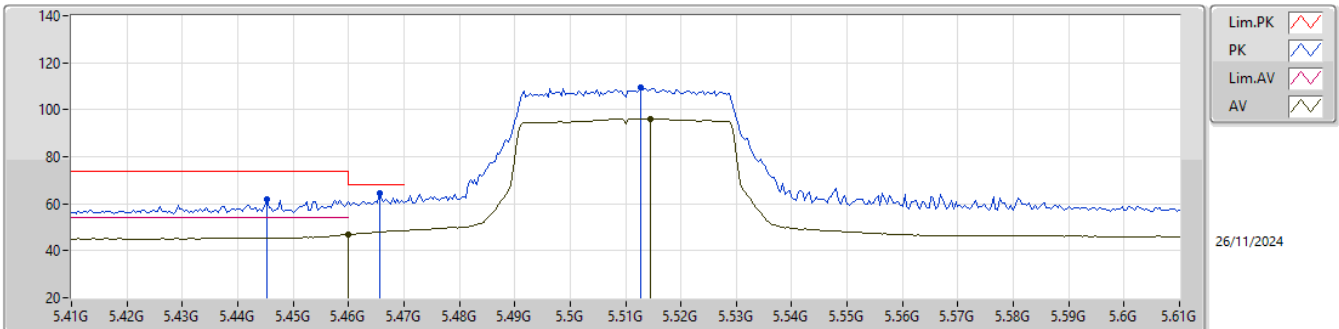
5510MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.4596G	49.12	54.00	-4.88	7.13	3	Vertical	35	2.70	41.99	32.84	8.27	33.98				
AV	5.514G	100.12	Inf	-Inf	7.28	3	Vertical	35	2.70	92.84	32.97	8.30	33.99				
PK	5.4596G	64.93	74.00	-9.07	7.13	3	Vertical	35	2.70	57.80	32.84	8.27	33.98				
PK	5.4656G	67.66	68.20	-0.54	7.16	3	Vertical	35	2.70	60.50	32.86	8.28	33.98				
PK	5.5072G	113.45	Inf	-Inf	7.31	3	Vertical	35	2.70	106.14	32.99	8.30	33.98				

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

5510MHz_TX

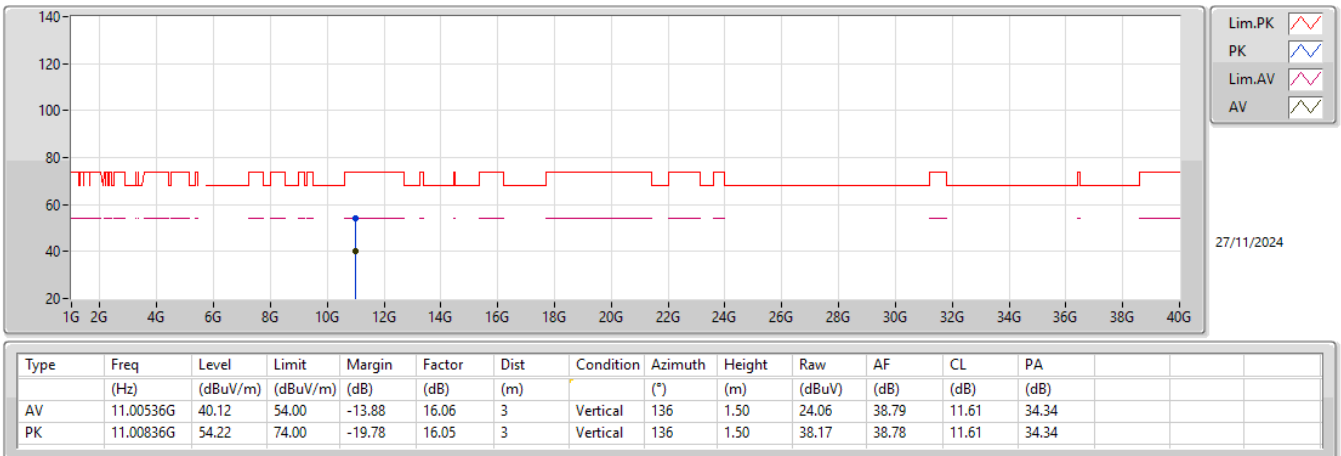


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
AV	5.46G	46.98	54.00	-7.02	7.13	3	Horizontal	28	2.30	39.85	32.84	8.27	33.98				
AV	5.5144G	96.23	Inf	-Inf	7.28	3	Horizontal	28	2.30	88.95	32.97	8.30	33.99				
PK	5.4452G	61.89	74.00	-12.11	7.08	3	Horizontal	28	2.30	54.81	32.80	8.26	33.98				
PK	5.4656G	64.52	68.20	-3.68	7.16	3	Horizontal	28	2.30	57.36	32.86	8.28	33.98				
PK	5.5128G	109.27	Inf	-Inf	7.28	3	Horizontal	28	2.30	101.99	32.97	8.30	33.99				



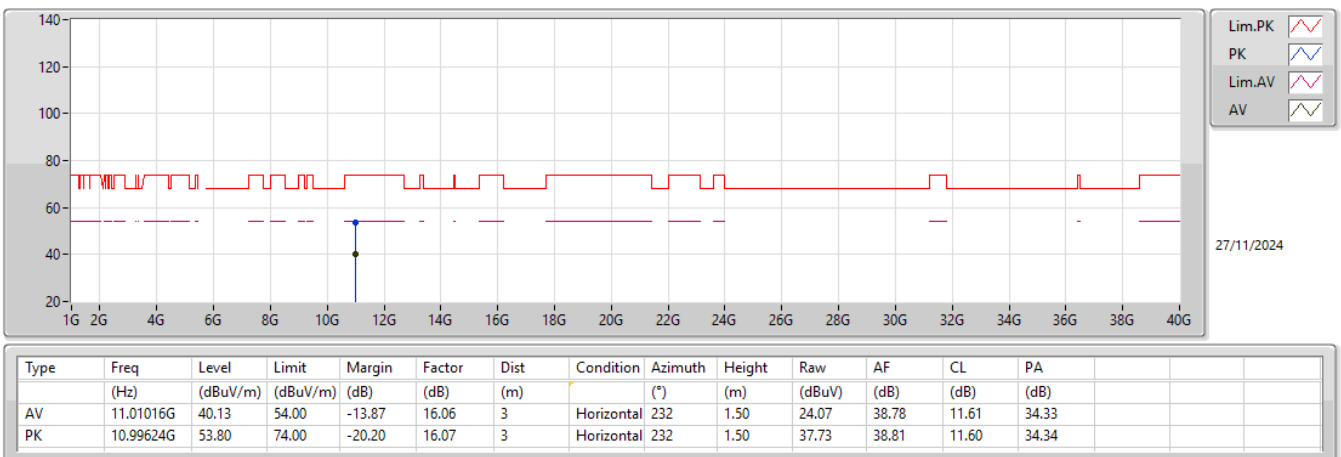
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

5510MHz_TX



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX

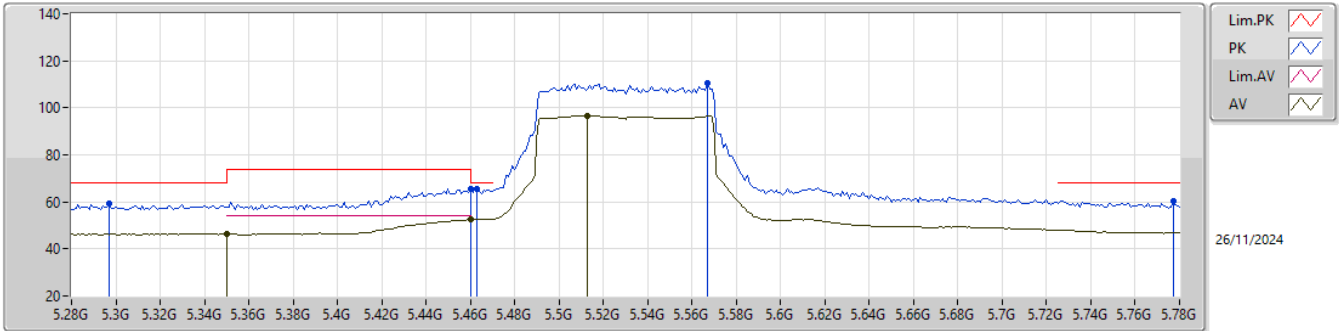
5510MHz_TX





5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

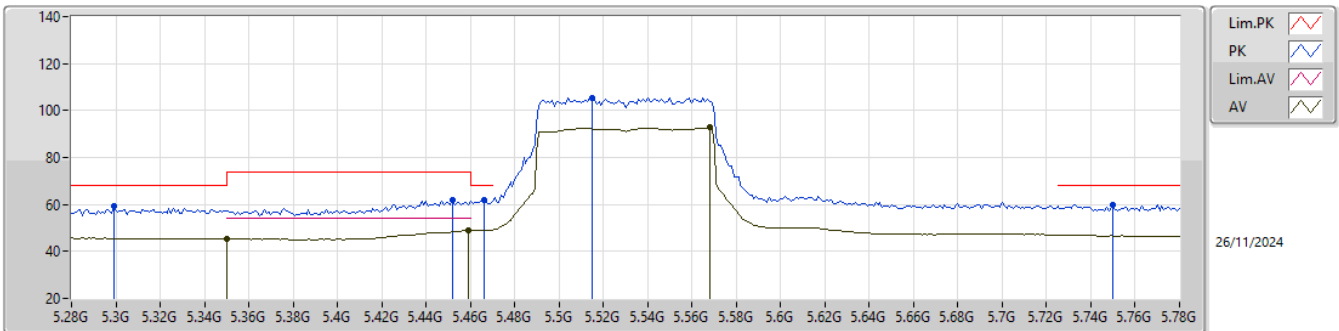
5530MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	46.24	54.00	-7.76	7.12	3	Vertical	37	2.70	39.12	32.90	8.21	33.99
AV	5.46G	52.42	54.00	-1.58	7.13	3	Vertical	37	2.70	45.29	32.84	8.27	33.98
AV	5.513G	96.79	Inf	-Inf	7.28	3	Vertical	37	2.70	89.51	32.97	8.30	33.99
PK	5.297G	59.25	68.20	-8.95	7.10	3	Vertical	37	2.70	52.15	32.91	8.18	33.99
PK	5.46G	65.64	74.00	-8.36	7.13	3	Vertical	37	2.70	58.51	32.84	8.27	33.98
PK	5.463G	65.63	68.20	-2.57	7.14	3	Vertical	37	2.70	58.49	32.85	8.27	33.98
PK	5.567G	110.30	Inf	-Inf	7.22	3	Vertical	37	2.70	103.08	32.90	8.33	34.01
PK	5.777G	60.40	68.20	-7.80	8.24	3	Vertical	37	2.70	52.16	33.81	8.53	34.10

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5530MHz_TX

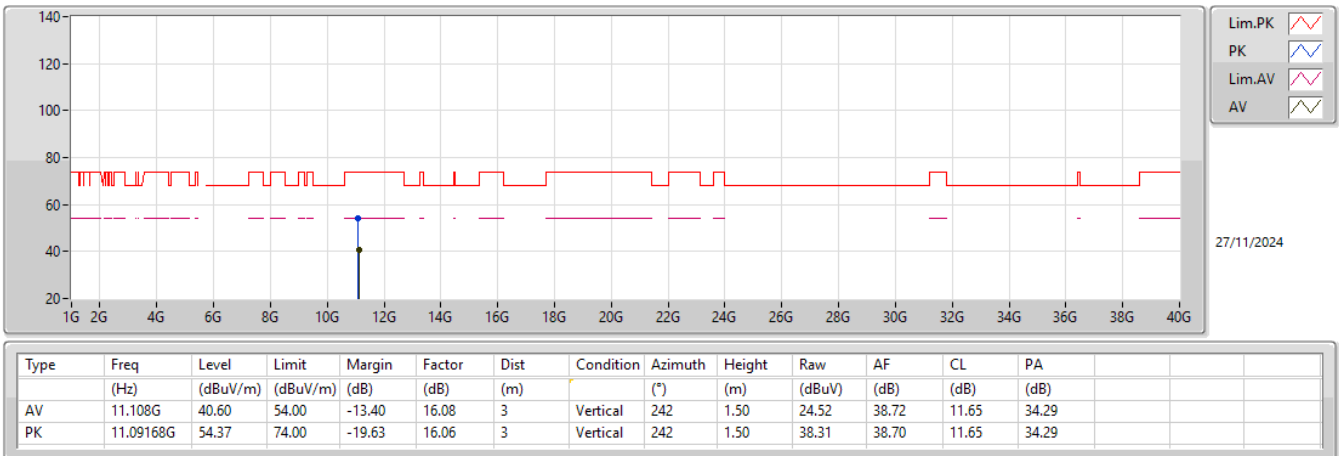


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	45.33	54.00	-8.67	7.12	3	Horizontal	24	1.99	38.21	32.90	8.21	33.99
AV	5.459G	48.85	54.00	-5.15	7.13	3	Horizontal	24	1.99	41.72	32.84	8.27	33.98
AV	5.568G	92.71	Inf	-Inf	7.22	3	Horizontal	24	1.99	85.49	32.90	8.33	34.01
PK	5.299G	59.06	68.20	-9.14	7.09	3	Horizontal	24	1.99	51.97	32.90	8.18	33.99
PK	5.452G	61.99	74.00	-12.01	7.10	3	Horizontal	24	1.99	54.89	32.81	8.27	33.98
PK	5.466G	62.07	68.20	-6.13	7.16	3	Horizontal	24	1.99	54.91	32.86	8.28	33.98
PK	5.515G	105.60	Inf	-Inf	7.28	3	Horizontal	24	1.99	98.32	32.97	8.30	33.99
PK	5.75G	59.97	68.20	-8.23	8.12	3	Horizontal	24	1.99	51.85	33.70	8.50	34.08



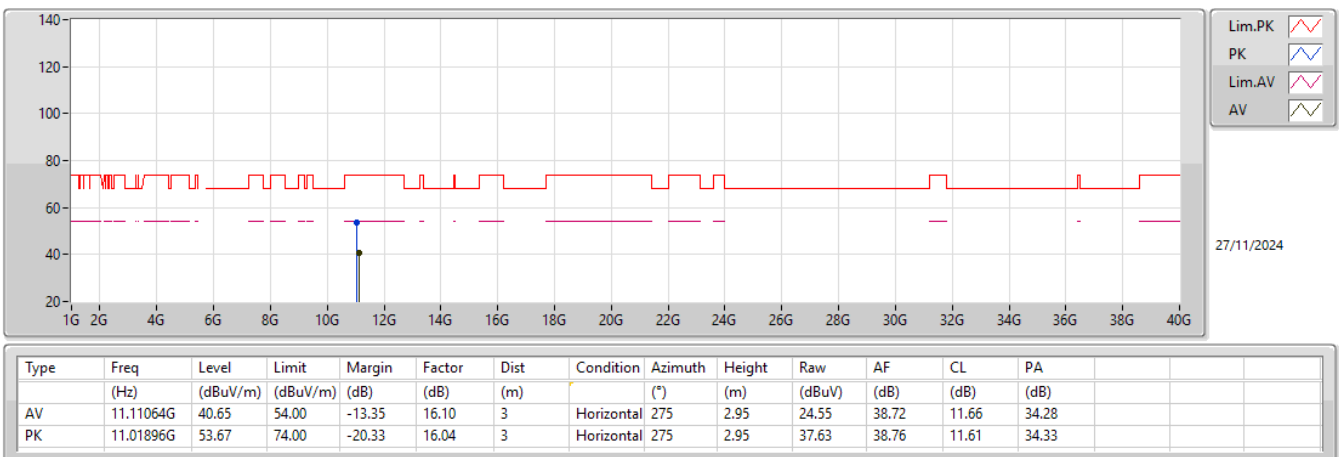
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5530MHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

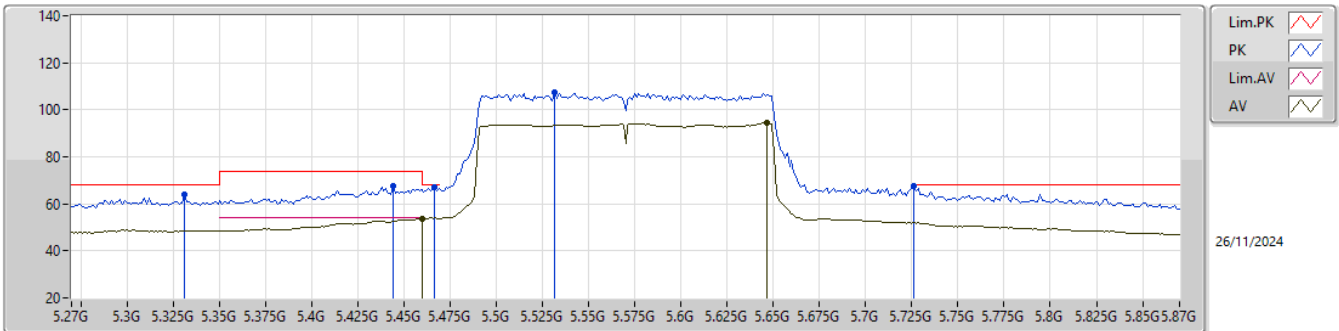
5530MHz_TX





5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

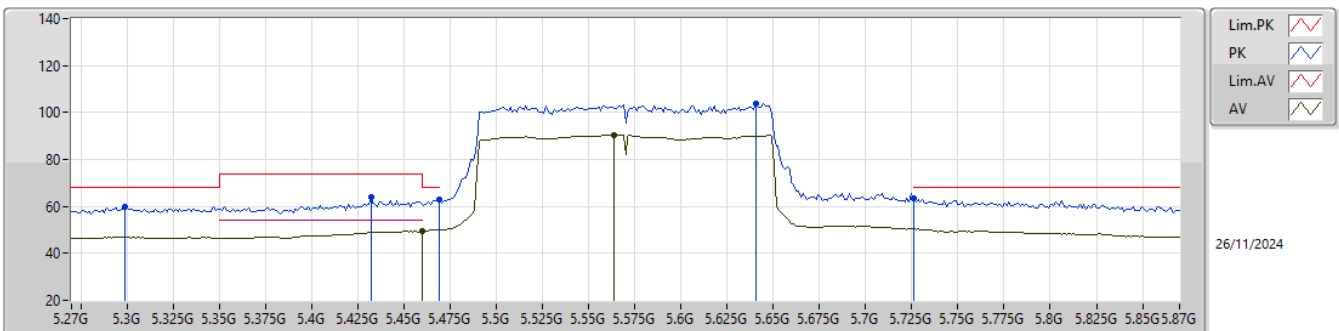
5570MHz_TX



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	5.4596G	53.59	54.00	-0.41	7.13	3	Vertical	33	2.61	46.46	32.84	8.27	33.98
AV	5.6468G	94.35	Inf	-Inf	7.54	3	Vertical	33	2.61	86.81	33.18	8.40	34.04
PK	5.3312G	64.16	68.20	-4.04	7.11	3	Vertical	33	2.61	57.05	32.90	8.20	33.99
PK	5.444G	67.62	74.00	-6.38	7.08	3	Vertical	33	2.61	60.54	32.80	8.26	33.98
PK	5.4668G	67.07	68.20	-1.13	7.17	3	Vertical	33	2.61	59.90	32.87	8.28	33.98
PK	5.5316G	107.29	Inf	-Inf	7.26	3	Vertical	33	2.61	100.03	32.94	8.31	33.99
PK	5.726G	67.56	68.20	-0.64	8.06	3	Vertical	33	2.61	59.50	33.65	8.48	34.07

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

5570MHz_TX

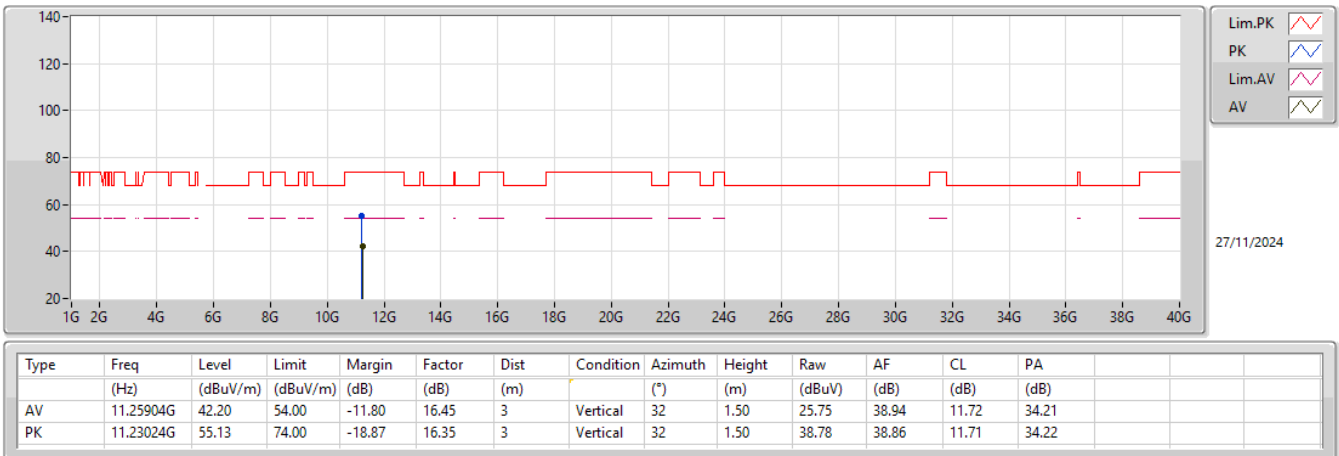


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4596G	49.40	54.00	-4.60	7.13	3	Horizontal	25	2.38	42.27	32.84	8.27	33.98
AV	5.564G	90.39	Inf	-Inf	7.22	3	Horizontal	25	2.38	83.17	32.90	8.33	34.01
PK	5.2988G	59.80	68.20	-8.40	7.09	3	Horizontal	25	2.38	52.71	32.90	8.18	33.99
PK	5.432G	64.08	74.00	-9.92	7.08	3	Horizontal	25	2.38	57.00	32.80	8.26	33.98
PK	5.4692G	63.02	68.20	-5.18	7.18	3	Horizontal	25	2.38	55.84	32.88	8.28	33.98
PK	5.6408G	104.00	Inf	-Inf	7.49	3	Horizontal	25	2.38	96.51	33.14	8.39	34.04
PK	5.726G	63.22	68.20	-4.98	8.06	3	Horizontal	25	2.38	55.16	33.65	8.48	34.07



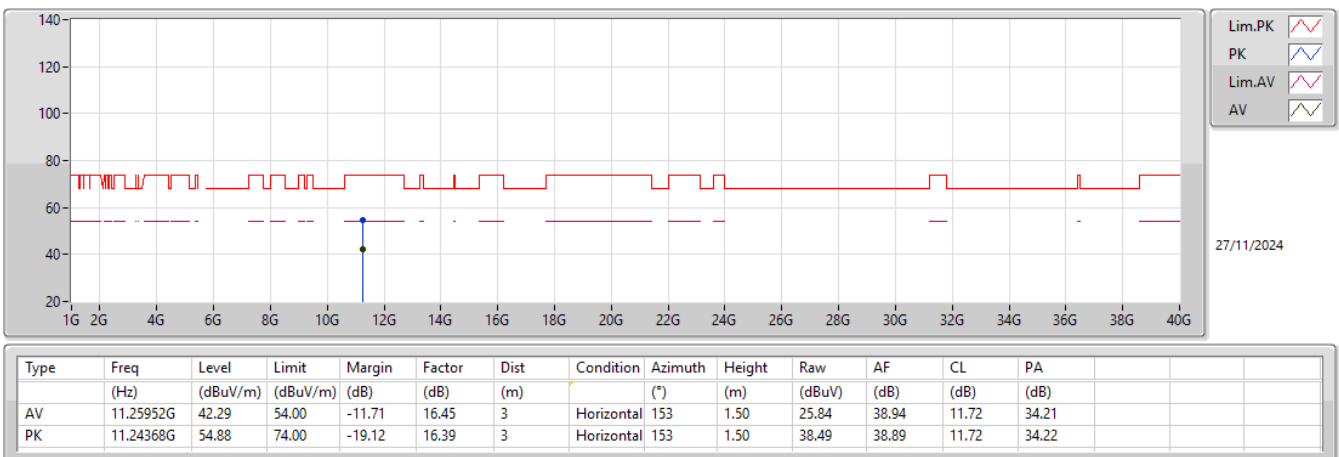
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX

5570MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.3

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX	Pass	PK	30M	33.29	40.00	-6.71	3	Vertical	360	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.3

Result

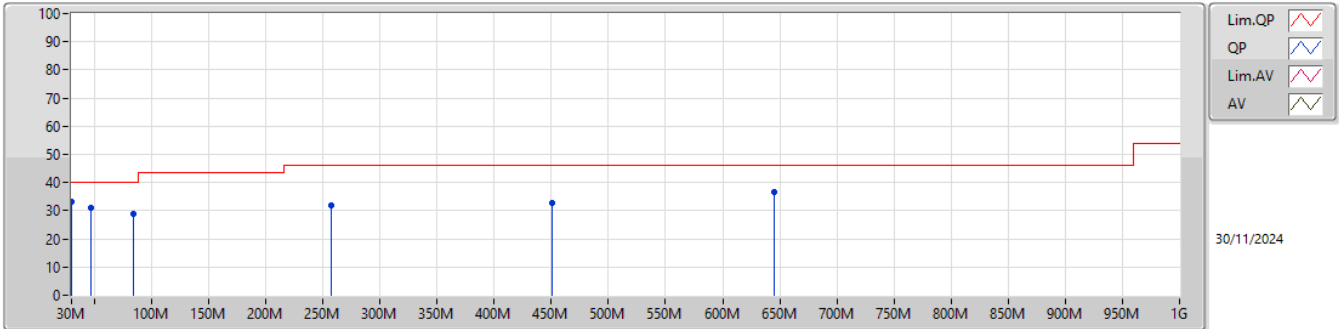
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	PK	30M	33.29	40.00	-6.71	3	Vertical	360	1.00
5530MHz	Pass	PK	47.46M	30.95	40.00	-9.05	3	Vertical	360	1.00
5530MHz	Pass	PK	84.32M	29.01	40.00	-10.99	3	Vertical	360	1.00
5530MHz	Pass	PK	256.98M	32.05	46.00	-13.95	3	Vertical	360	1.00
5530MHz	Pass	PK	450.98M	32.88	46.00	-13.12	3	Vertical	360	1.00
5530MHz	Pass	PK	644.98M	36.84	46.00	-9.16	3	Vertical	360	1.00
5530MHz	Pass	PK	47.46M	24.79	40.00	-15.21	3	Horizontal	0	1.00
5530MHz	Pass	PK	159.98M	29.43	43.50	-14.07	3	Horizontal	0	1.00
5530MHz	Pass	PK	210.42M	28.91	43.50	-14.59	3	Horizontal	0	1.00
5530MHz	Pass	PK	276.38M	35.05	46.00	-10.95	3	Horizontal	0	1.00
5530MHz	Pass	PK	317.12M	33.96	46.00	-12.04	3	Horizontal	0	1.00
5530MHz	Pass	PK	633.34M	34.06	46.00	-11.94	3	Horizontal	0	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.3

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

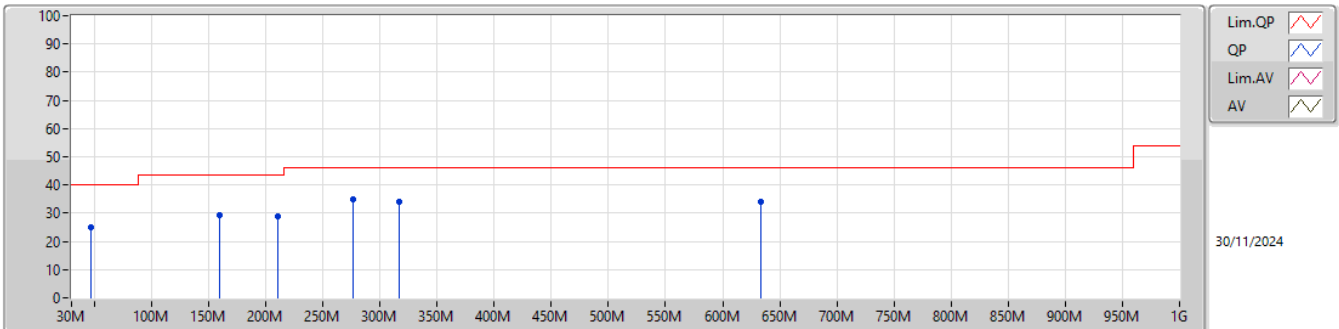
5530MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
PK	30M	33.29	40.00	-6.71	-3.00	3	Vertical	360	1.00	36.29	24.27	0.24	27.51				
PK	47.46M	30.95	40.00	-9.05	-11.77	3	Vertical	360	1.00	42.72	15.19	0.40	27.36				
PK	84.32M	29.01	40.00	-10.99	-12.66	3	Vertical	360	1.00	41.67	13.85	0.82	27.33				
PK	256.98M	32.05	46.00	-13.95	-5.12	3	Vertical	360	1.00	37.17	19.44	2.17	26.73				
PK	450.98M	32.88	46.00	-13.12	-1.98	3	Vertical	360	1.00	34.86	22.97	2.91	27.86				
PK	644.98M	36.84	46.00	-9.16	0.68	3	Vertical	360	1.00	36.16	25.13	3.76	28.21				

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX

5530MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)				
PK	47.46M	24.79	40.00	-15.21	-11.77	3	Horizontal	0	1.00	36.56	15.19	0.40	27.36				
PK	159.98M	29.43	43.50	-14.07	-9.42	3	Horizontal	0	1.00	38.85	15.96	1.72	27.10				
PK	210.42M	28.91	43.50	-14.59	-9.66	3	Horizontal	0	1.00	38.57	15.18	2.06	26.90				
PK	276.38M	35.05	46.00	-10.95	-5.57	3	Horizontal	0	1.00	40.62	18.95	2.20	26.72				
PK	317.12M	33.96	46.00	-12.04	-4.76	3	Horizontal	0	1.00	38.72	19.73	2.33	26.82				
PK	633.34M	34.06	46.00	-11.94	0.53	3	Horizontal	0	1.00	33.53	25.04	3.71	28.22				



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	Pass	PK	5.466G	67.15	68.20	-1.05	3	Vertical	37	2.43
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX	Pass	PK	5.732G	67.98	68.20	-0.22	3	Vertical	31	2.35



RSE TX above 1GHz Non-Beamforming Radio 2_1T1S Multi-RU Appendix E.4

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.35G	46.25	54.00	-7.75	3	Vertical	37	2.43
5530MHz	Pass	AV	5.46G	49.91	54.00	-4.09	3	Vertical	37	2.43
5530MHz	Pass	AV	5.513G	95.93	Inf	-Inf	3	Vertical	37	2.43
5530MHz	Pass	PK	5.285G	59.17	68.20	-9.03	3	Vertical	37	2.43
5530MHz	Pass	PK	5.455G	66.43	74.00	-7.57	3	Vertical	37	2.43
5530MHz	Pass	PK	5.466G	67.15	68.20	-1.05	3	Vertical	37	2.43
5530MHz	Pass	PK	5.513G	109.11	Inf	-Inf	3	Vertical	37	2.43
5530MHz	Pass	PK	5.737G	61.10	68.20	-7.10	3	Vertical	37	2.43
5530MHz	Pass	AV	5.35G	45.99	54.00	-8.01	3	Horizontal	26	1.48
5530MHz	Pass	AV	5.46G	47.04	54.00	-6.96	3	Horizontal	26	1.48
5530MHz	Pass	AV	5.511G	90.62	Inf	-Inf	3	Horizontal	26	1.48
5530MHz	Pass	PK	5.321G	59.06	68.20	-9.14	3	Horizontal	26	1.48
5530MHz	Pass	PK	5.455G	60.32	74.00	-13.68	3	Horizontal	26	1.48
5530MHz	Pass	PK	5.467G	60.60	68.20	-7.60	3	Horizontal	26	1.48
5530MHz	Pass	PK	5.512G	103.55	Inf	-Inf	3	Horizontal	26	1.48
5530MHz	Pass	PK	5.728G	60.35	68.20	-7.85	3	Horizontal	26	1.48
5530MHz	Pass	AV	11.06208G	40.72	54.00	-13.28	3	Vertical	272	1.00
5530MHz	Pass	PK	11.04536G	55.15	74.00	-18.85	3	Vertical	272	1.00
5530MHz	Pass	AV	11.06488G	40.66	54.00	-13.34	3	Horizontal	77	1.50
5530MHz	Pass	PK	11.06048G	53.87	74.00	-20.13	3	Horizontal	77	1.50
5610MHz	Pass	AV	5.46G	46.47	54.00	-7.53	3	Vertical	31	2.55
5610MHz	Pass	AV	5.648G	97.53	Inf	-Inf	3	Vertical	31	2.55
5610MHz	Pass	PK	5.459G	60.92	74.00	-13.08	3	Vertical	31	2.55
5610MHz	Pass	PK	5.467G	59.23	68.20	-8.97	3	Vertical	31	2.55
5610MHz	Pass	PK	5.648G	110.71	Inf	-Inf	3	Vertical	31	2.55
5610MHz	Pass	PK	5.732G	64.02	68.20	-4.18	3	Vertical	31	2.55
5610MHz	Pass	AV	5.366G	45.82	54.00	-8.18	3	Horizontal	22	2.30
5610MHz	Pass	AV	5.648G	92.46	Inf	-Inf	3	Horizontal	22	2.30
5610MHz	Pass	PK	5.437G	59.23	74.00	-14.77	3	Horizontal	22	2.30
5610MHz	Pass	PK	5.461G	58.32	68.20	-9.88	3	Horizontal	22	2.30
5610MHz	Pass	PK	5.646G	105.40	Inf	-Inf	3	Horizontal	22	2.30
5610MHz	Pass	PK	5.793G	60.56	68.20	-7.64	3	Horizontal	22	2.30
5610MHz	Pass	AV	11.2764G	42.43	54.00	-11.57	3	Vertical	327	1.50
5610MHz	Pass	PK	11.2536G	55.74	74.00	-18.26	3	Vertical	327	1.50
5610MHz	Pass	AV	11.27928G	42.44	54.00	-11.56	3	Horizontal	292	1.50
5610MHz	Pass	PK	11.26608G	55.39	74.00	-18.61	3	Horizontal	292	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.456G	46.19	54.00	-7.81	3	Vertical	30	2.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6876G	99.36	Inf	-Inf	3	Vertical	30	2.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4248G	58.66	74.00	-15.34	3	Vertical	30	2.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	57.97	68.20	-10.23	3	Vertical	30	2.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6876G	112.76	Inf	-Inf	3	Vertical	30	2.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	60.92	68.20	-7.28	3	Vertical	30	2.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.3924G	45.74	54.00	-8.26	3	Horizontal	22	2.23
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.7236G	94.43	Inf	-Inf	3	Horizontal	22	2.23
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4248G	58.22	74.00	-15.78	3	Horizontal	22	2.23
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4656G	57.61	68.20	-10.59	3	Horizontal	22	2.23
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.726G	107.14	Inf	-Inf	3	Horizontal	22	2.23
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8592G	59.96	68.20	-8.24	3	Horizontal	22	2.23
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.34808G	42.94	54.00	-11.06	3	Vertical	350	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.42824G	56.42	74.00	-17.58	3	Vertical	350	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.35216G	42.95	54.00	-11.05	3	Horizontal	319	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.33848G	56.44	74.00	-17.56	3	Horizontal	319	1.50
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4596G	47.81	54.00	-6.19	3	Vertical	34	2.49
5570MHz	Pass	AV	5.5112G	91.45	Inf	-Inf	3	Vertical	34	2.49
5570MHz	Pass	PK	5.3492G	62.16	68.20	-6.04	3	Vertical	34	2.49
5570MHz	Pass	PK	5.438G	67.90	74.00	-6.10	3	Vertical	34	2.49
5570MHz	Pass	PK	5.4668G	60.35	68.20	-7.85	3	Vertical	34	2.49
5570MHz	Pass	PK	5.5424G	104.29	Inf	-Inf	3	Vertical	34	2.49
5570MHz	Pass	PK	5.726G	66.72	68.20	-1.48	3	Vertical	34	2.49



RSE TX above 1GHz Non-Beamforming Radio 2 1T1S Multi-RU Appendix E.4

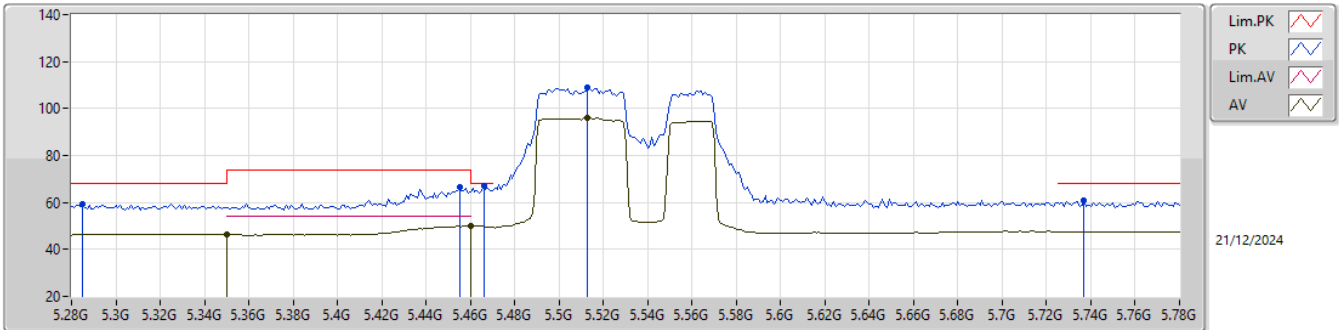
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	AV	5.3504G	46.30	54.00	-7.70	3	Horizontal	26	1.47
5570MHz	Pass	AV	5.51G	86.01	Inf	-Inf	3	Horizontal	26	1.47
5570MHz	Pass	PK	5.3396G	59.12	68.20	-9.08	3	Horizontal	26	1.47
5570MHz	Pass	PK	5.4404G	61.62	74.00	-12.38	3	Horizontal	26	1.47
5570MHz	Pass	PK	5.462G	58.84	68.20	-9.36	3	Horizontal	26	1.47
5570MHz	Pass	PK	5.5124G	98.39	Inf	-Inf	3	Horizontal	26	1.47
5570MHz	Pass	PK	5.7392G	61.23	68.20	-6.97	3	Horizontal	26	1.47
5570MHz	Pass	AV	11.13752G	41.15	54.00	-12.85	3	Vertical	170	1.29
5570MHz	Pass	PK	11.14036G	55.32	74.00	-18.68	3	Vertical	170	1.29
5570MHz	Pass	AV	11.1402G	41.08	54.00	-12.92	3	Horizontal	355	1.00
5570MHz	Pass	PK	11.13616G	54.64	74.00	-19.36	3	Horizontal	355	1.00
802.11be EHT160_Nss1,(MCS0) RU996+RU484 CP 3_1TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.3948G	47.10	54.00	-6.90	3	Vertical	31	2.35
5570MHz	Pass	AV	5.51G	92.50	Inf	-Inf	3	Vertical	31	2.35
5570MHz	Pass	PK	5.312G	62.35	68.20	-5.85	3	Vertical	31	2.35
5570MHz	Pass	PK	5.4452G	68.14	74.00	-5.86	3	Vertical	31	2.35
5570MHz	Pass	PK	5.4644G	67.45	68.20	-0.75	3	Vertical	31	2.35
5570MHz	Pass	PK	5.5124G	106.10	Inf	-Inf	3	Vertical	31	2.35
5570MHz	Pass	PK	5.732G	67.98	68.20	-0.22	3	Vertical	31	2.35
5570MHz	Pass	AV	5.3528G	46.11	54.00	-7.89	3	Horizontal	25	1.49
5570MHz	Pass	AV	5.51G	86.73	Inf	-Inf	3	Horizontal	25	1.49
5570MHz	Pass	PK	5.3252G	59.74	68.20	-8.46	3	Horizontal	25	1.49
5570MHz	Pass	PK	5.45G	63.09	74.00	-10.91	3	Horizontal	25	1.49
5570MHz	Pass	PK	5.468G	62.90	68.20	-5.30	3	Horizontal	25	1.49
5570MHz	Pass	PK	5.5148G	100.06	Inf	-Inf	3	Horizontal	25	1.49
5570MHz	Pass	PK	5.7308G	60.48	68.20	-7.72	3	Horizontal	25	1.49
5570MHz	Pass	AV	11.14232G	42.08	54.00	-11.92	3	Vertical	292	1.50
5570MHz	Pass	PK	11.14488G	54.87	74.00	-19.13	3	Vertical	292	1.50
5570MHz	Pass	AV	11.24128G	42.03	54.00	-11.97	3	Horizontal	326	1.50
5570MHz	Pass	PK	11.25664G	55.39	74.00	-18.61	3	Horizontal	326	1.50



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX

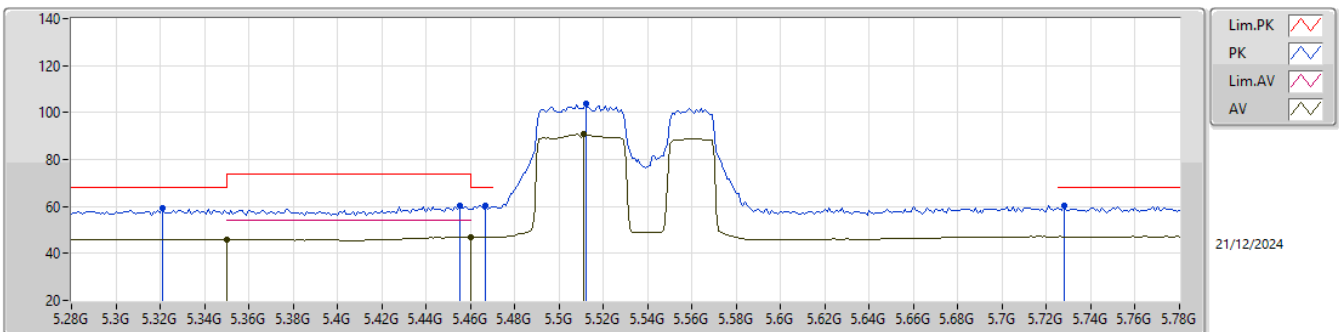
5530MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	46.25	54.00	-7.75	7.12	3	Vertical	37	2.43	39.13	32.90	8.21	33.99
AV	5.46G	49.91	54.00	-4.09	7.13	3	Vertical	37	2.43	42.78	32.84	8.27	33.98
AV	5.513G	95.93	Inf	-Inf	7.28	3	Vertical	37	2.43	88.65	32.97	8.30	33.99
PK	5.285G	59.17	68.20	-9.03	7.11	3	Vertical	37	2.43	52.06	32.93	8.17	33.99
PK	5.455G	66.43	74.00	-7.57	7.11	3	Vertical	37	2.43	59.32	32.82	8.27	33.98
PK	5.466G	67.15	68.20	-1.05	7.16	3	Vertical	37	2.43	59.99	32.86	8.28	33.98
PK	5.513G	109.11	Inf	-Inf	7.28	3	Vertical	37	2.43	101.83	32.97	8.30	33.99
PK	5.737G	61.10	68.20	-7.10	8.08	3	Vertical	37	2.43	53.02	33.67	8.49	34.08

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX

5530MHz_TX



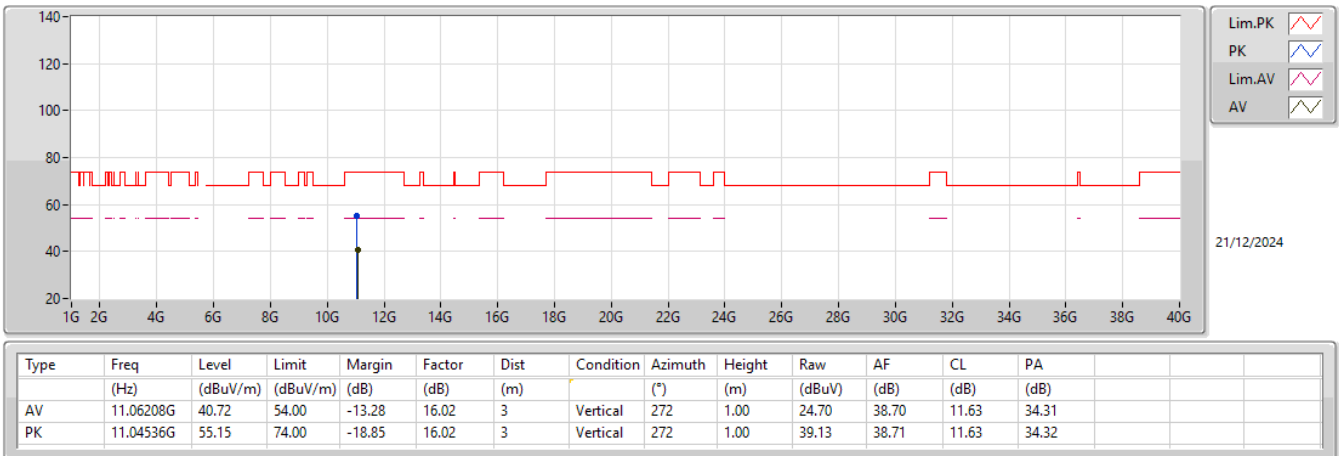
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AV	5.35G	45.99	54.00	-8.01	7.12	3	Horizontal	26	1.48	38.87	32.90	8.21	33.99
AV	5.46G	47.04	54.00	-6.96	7.13	3	Horizontal	26	1.48	39.91	32.84	8.27	33.98
AV	5.511G	90.62	Inf	-Inf	7.30	3	Horizontal	26	1.48	83.32	32.98	8.30	33.98
PK	5.321G	59.06	68.20	-9.14	7.10	3	Horizontal	26	1.48	51.96	32.90	8.19	33.99
PK	5.455G	60.32	74.00	-13.68	7.11	3	Horizontal	26	1.48	53.21	32.82	8.27	33.98
PK	5.467G	60.60	68.20	-7.60	7.17	3	Horizontal	26	1.48	53.43	32.87	8.28	33.98
PK	5.512G	103.55	Inf	-Inf	7.29	3	Horizontal	26	1.48	96.26	32.98	8.30	33.99
PK	5.728G	60.35	68.20	-7.85	8.06	3	Horizontal	26	1.48	52.29	33.66	8.48	34.08



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

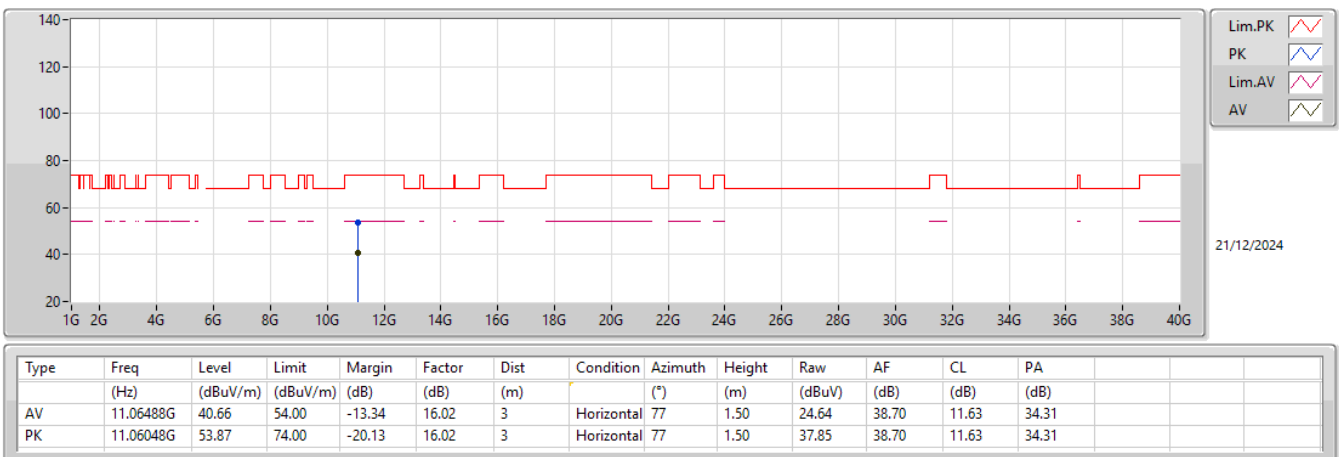
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX

5530MHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX

5530MHz_TX

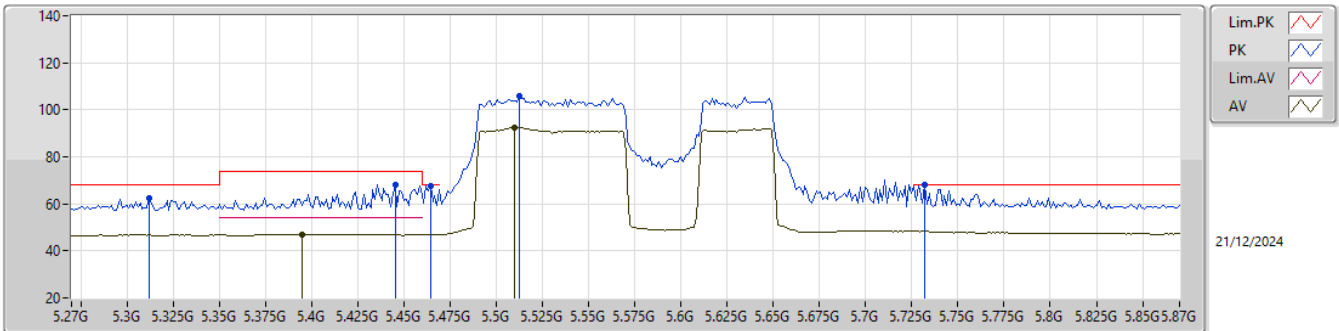




RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX

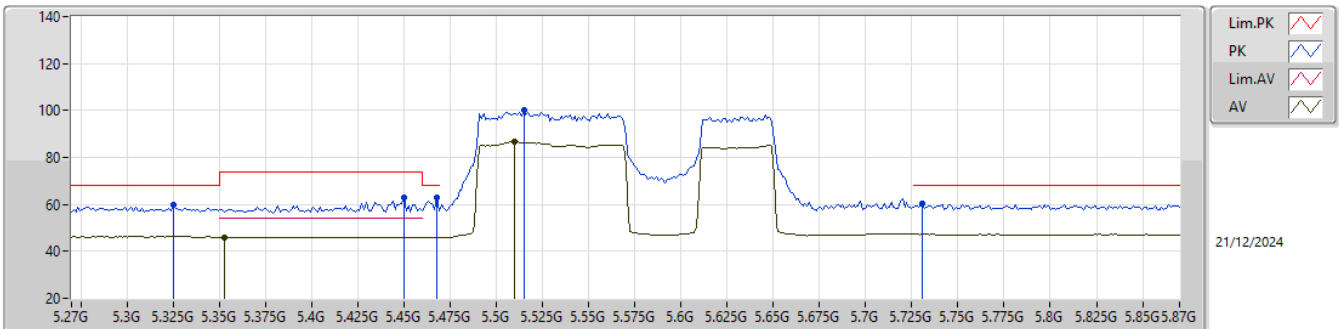
5570MHz_TX



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	5.3948G	47.10	54.00	-6.90	7.06	3	Vertical	31	2.35	40.04	32.81	8.24	33.99
AV	5.51G	92.50	Inf	-Inf	7.30	3	Vertical	31	2.35	85.20	32.98	8.30	33.98
PK	5.312G	62.35	68.20	-5.85	7.10	3	Vertical	31	2.35	55.25	32.90	8.19	33.99
PK	5.4452G	68.14	74.00	-5.86	7.08	3	Vertical	31	2.35	61.06	32.80	8.26	33.98
PK	5.4644G	67.45	68.20	-0.75	7.16	3	Vertical	31	2.35	60.29	32.86	8.28	33.98
PK	5.5124G	106.10	Inf	-Inf	7.29	3	Vertical	31	2.35	98.81	32.98	8.30	33.99
PK	5.732G	67.98	68.20	-0.22	8.06	3	Vertical	31	2.35	59.92	33.66	8.48	34.08

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX

5570MHz_TX



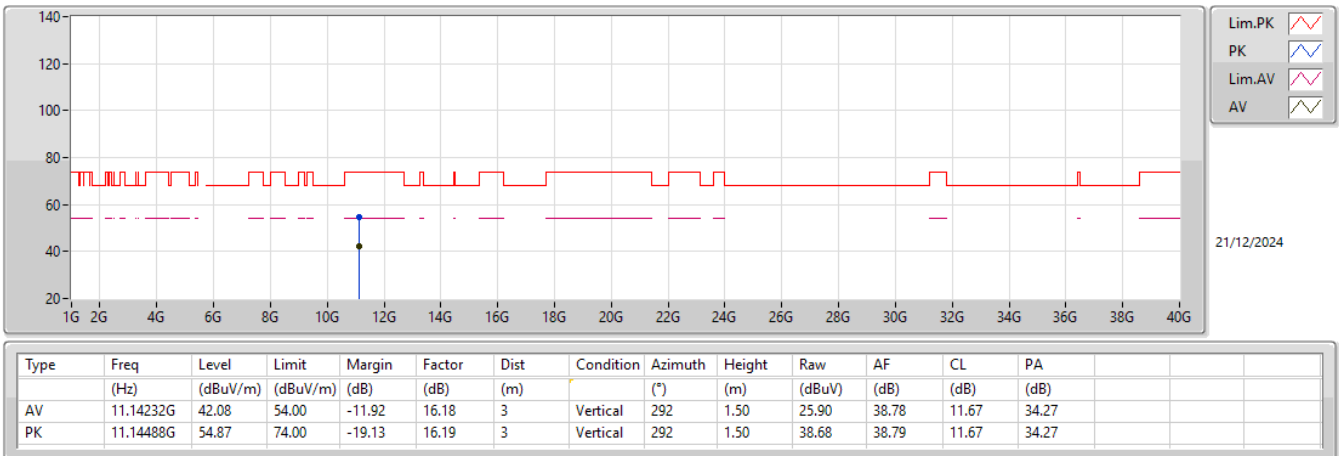
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.3528G	46.11	54.00	-7.89	7.11	3	Horizontal	25	1.49	39.00	32.89	8.21	33.99
AV	5.51G	86.73	Inf	-Inf	7.30	3	Horizontal	25	1.49	79.43	32.98	8.30	33.98
PK	5.3252G	59.74	68.20	-8.46	7.11	3	Horizontal	25	1.49	52.63	32.90	8.20	33.99
PK	5.45G	63.09	74.00	-10.91	7.09	3	Horizontal	25	1.49	56.00	32.80	8.27	33.98
PK	5.468G	62.90	68.20	-5.30	7.17	3	Horizontal	25	1.49	55.73	32.87	8.28	33.98
PK	5.5148G	100.06	Inf	-Inf	7.28	3	Horizontal	25	1.49	92.78	32.97	8.30	33.99
PK	5.7308G	60.48	68.20	-7.72	8.06	3	Horizontal	25	1.49	52.42	33.66	8.48	34.08



RSE TX above 1GHz_Non-Beamforming_Radio 2_1T1S_Multi-RU Appendix E.4

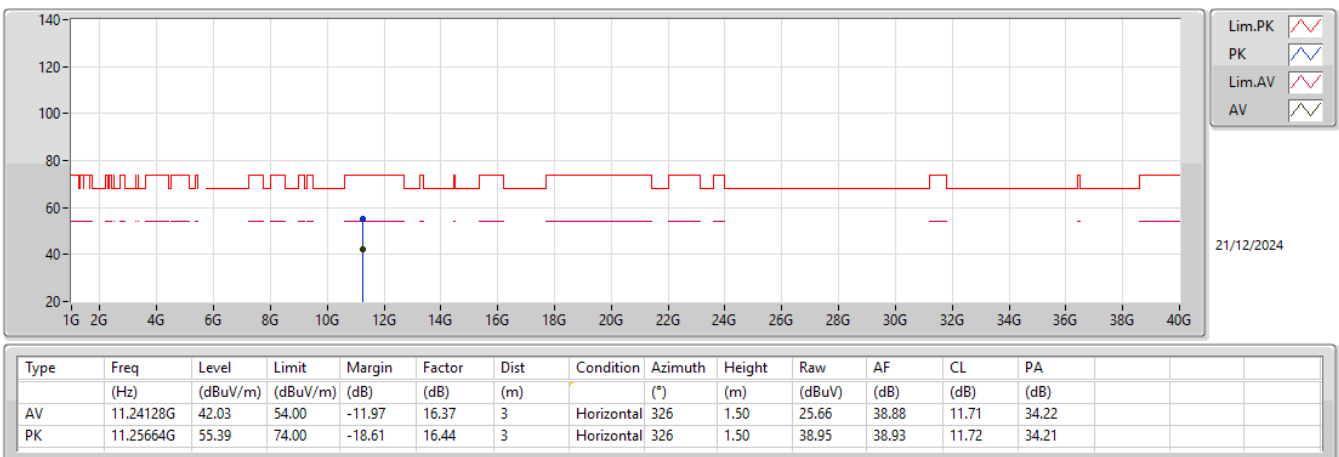
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX

5570MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.5

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	30M	34.58	40.00	-5.42	3	Vertical	360	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.5

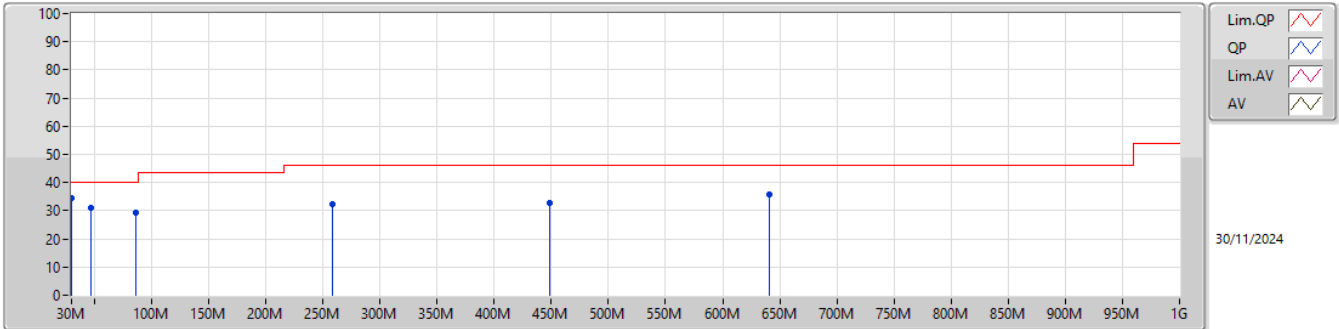
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	PK	30M	34.58	40.00	-5.42	3	Vertical	360	1.00
5530MHz	Pass	PK	47.46M	30.99	40.00	-9.01	3	Vertical	360	1.00
5530MHz	Pass	PK	86.26M	29.31	40.00	-10.69	3	Vertical	360	1.00
5530MHz	Pass	PK	258.92M	32.24	46.00	-13.76	3	Vertical	360	1.00
5530MHz	Pass	PK	449.04M	32.58	46.00	-13.42	3	Vertical	360	1.00
5530MHz	Pass	PK	641.1M	35.89	46.00	-10.11	3	Vertical	360	1.00
5530MHz	Pass	PK	30M	25.51	40.00	-14.49	3	Horizontal	0	1.00
5530MHz	Pass	PK	165.8M	30.17	43.50	-13.33	3	Horizontal	0	1.00
5530MHz	Pass	PK	274.44M	34.74	46.00	-11.26	3	Horizontal	0	1.00
5530MHz	Pass	PK	311.3M	33.20	46.00	-12.80	3	Horizontal	0	1.00
5530MHz	Pass	PK	454.86M	30.19	46.00	-15.81	3	Horizontal	0	1.00
5530MHz	Pass	PK	639.16M	33.94	46.00	-12.06	3	Horizontal	0	1.00



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

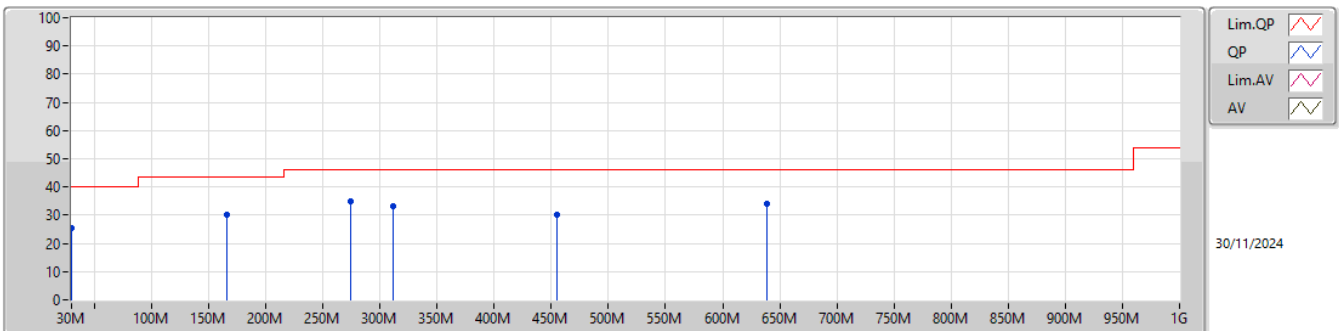
5530MHz_PoE



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)				
PK	30M	34.58	40.00	-5.42	-3.00	3	Vertical	360	1.00	37.58	24.27	0.24	27.51				
PK	47.46M	30.99	40.00	-9.01	-11.77	3	Vertical	360	1.00	42.76	15.19	0.40	27.36				
PK	86.26M	29.31	40.00	-10.69	-12.13	3	Vertical	360	1.00	41.44	14.35	0.85	27.33				
PK	258.92M	32.24	46.00	-13.76	-4.93	3	Vertical	360	1.00	37.17	19.63	2.17	26.73				
PK	449.04M	32.58	46.00	-13.42	-2.01	3	Vertical	360	1.00	34.59	22.93	2.90	27.84				
PK	641.1M	35.89	46.00	-10.11	0.68	3	Vertical	360	1.00	35.21	25.15	3.74	28.21				

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

5530MHz_PoE



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)				
PK	30M	25.51	40.00	-14.49	-3.00	3	Horizontal	0	1.00	28.51	24.27	0.24	27.51				
PK	165.8M	30.17	43.50	-13.33	-9.43	3	Horizontal	0	1.00	39.60	15.88	1.78	27.09				
PK	274.44M	34.74	46.00	-11.26	-5.60	3	Horizontal	0	1.00	40.34	18.92	2.20	26.72				
PK	311.3M	33.20	46.00	-12.80	-4.80	3	Horizontal	0	1.00	38.00	19.68	2.30	26.78				
PK	454.86M	30.19	46.00	-15.81	-1.91	3	Horizontal	0	1.00	32.10	23.04	2.93	27.88				
PK	639.16M	33.94	46.00	-12.06	0.65	3	Horizontal	0	1.00	33.29	25.13	3.73	28.21				



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Full RU Appendix E.6

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	PK	5.7284G	66.38	68.20	-1.82	3	Vertical	36	2.54
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	PK	5.4682G	67.49	68.20	-0.71	3	Vertical	35	2.83
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	PK	5.7282G	67.99	68.20	-0.21	3	Vertical	31	2.68
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	AV	5.452G	53.78	54.00	-0.22	3	Vertical	56	2.06
802.11be EHT160_Nss1,(MCS0)_2TX	Pass	AV	5.4488G	53.62	54.00	-0.38	3	Vertical	44	2.02



RSE TX above 1GHz Non-Beamforming Radio 2 2T1S Full RU Appendix E.6

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	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	AV	5.46G	50.24	54.00	-3.76	3	Vertical	34	2.30
5500MHz	Pass	AV	5.505G	109.90	Inf	-Inf	3	Vertical	34	2.30
5500MHz	Pass	PK	5.46G	63.94	74.00	-10.06	3	Vertical	34	2.30
5500MHz	Pass	PK	5.4666G	65.67	68.20	-2.53	3	Vertical	34	2.30
5500MHz	Pass	PK	5.5056G	119.95	Inf	-Inf	3	Vertical	34	2.30
5500MHz	Pass	AV	11.00774G	39.75	54.00	-14.25	3	Vertical	66	1.36
5500MHz	Pass	PK	11.00174G	53.44	74.00	-20.56	3	Vertical	66	1.36
5500MHz	Pass	AV	11.00522G	39.76	54.00	-14.24	3	Horizontal	180	1.30
5500MHz	Pass	PK	11.01164G	53.41	74.00	-20.59	3	Horizontal	180	1.30
5580MHz	Pass	AV	5.4582G	46.85	54.00	-7.15	3	Vertical	47	2.39
5580MHz	Pass	AV	5.5746G	108.85	Inf	-Inf	3	Vertical	47	2.39
5580MHz	Pass	PK	5.4378G	58.68	74.00	-15.32	3	Vertical	47	2.39
5580MHz	Pass	PK	5.4696G	59.05	68.20	-9.15	3	Vertical	47	2.39
5580MHz	Pass	PK	5.5752G	118.75	Inf	-Inf	3	Vertical	47	2.39
5580MHz	Pass	PK	5.7252G	59.66	68.20	-8.54	3	Vertical	47	2.39
5580MHz	Pass	AV	11.175G	41.57	54.00	-12.43	3	Vertical	112	1.00
5580MHz	Pass	PK	11.15178G	55.38	74.00	-18.62	3	Vertical	112	1.00
5580MHz	Pass	AV	11.17002G	41.67	54.00	-12.33	3	Horizontal	347	1.50
5580MHz	Pass	PK	11.16186G	55.51	74.00	-18.49	3	Horizontal	347	1.50
5700MHz	Pass	AV	5.6948G	110.78	Inf	-Inf	3	Vertical	36	2.54
5700MHz	Pass	PK	5.6948G	120.81	Inf	-Inf	3	Vertical	36	2.54
5700MHz	Pass	PK	5.7284G	66.38	68.20	-1.82	3	Vertical	36	2.54
5700MHz	Pass	AV	11.39496G	41.67	54.00	-12.33	3	Vertical	340	1.50
5700MHz	Pass	PK	11.41134G	55.11	74.00	-18.89	3	Vertical	340	1.50
5700MHz	Pass	AV	11.3853G	41.60	54.00	-12.40	3	Horizontal	262	2.64
5700MHz	Pass	PK	11.38752G	55.22	74.00	-18.78	3	Horizontal	262	2.64
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	46.25	54.00	-7.75	3	Vertical	37	2.13
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7152G	110.93	Inf	-Inf	3	Vertical	37	2.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4272G	59.13	74.00	-14.87	3	Vertical	37	2.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	57.58	68.20	-10.62	3	Vertical	37	2.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.726G	121.11	Inf	-Inf	3	Vertical	37	2.13
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.8748G	60.42	68.20	-7.78	3	Vertical	37	2.13
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44294G	40.98	54.00	-13.02	3	Vertical	133	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.42596G	54.59	74.00	-19.41	3	Vertical	133	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.425G	40.95	54.00	-13.05	3	Horizontal	209	1.03
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44108G	54.91	74.00	-19.09	3	Horizontal	209	1.03
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	AV	5.46G	49.00	54.00	-5.00	3	Vertical	35	2.83
5500MHz	Pass	AV	5.4938G	107.93	Inf	-Inf	3	Vertical	35	2.83
5500MHz	Pass	PK	5.458G	64.98	74.00	-9.02	3	Vertical	35	2.83
5500MHz	Pass	PK	5.4682G	67.49	68.20	-0.71	3	Vertical	35	2.83
5500MHz	Pass	PK	5.4944G	121.45	Inf	-Inf	3	Vertical	35	2.83
5500MHz	Pass	AV	11.0129G	39.73	54.00	-14.27	3	Vertical	357	2.30
5500MHz	Pass	PK	11.00714G	53.62	74.00	-20.38	3	Vertical	357	2.30
5500MHz	Pass	AV	11.00618G	39.75	54.00	-14.25	3	Horizontal	214	1.50
5500MHz	Pass	PK	10.9976G	53.04	74.00	-20.96	3	Horizontal	214	1.50
5580MHz	Pass	AV	5.4576G	45.83	54.00	-8.17	3	Vertical	42	2.45
5580MHz	Pass	AV	5.5782G	107.82	Inf	-Inf	3	Vertical	42	2.45
5580MHz	Pass	PK	5.4594G	58.41	74.00	-15.59	3	Vertical	42	2.45
5580MHz	Pass	PK	5.463G	58.38	68.20	-9.82	3	Vertical	42	2.45
5580MHz	Pass	PK	5.577G	120.76	Inf	-Inf	3	Vertical	42	2.45
5580MHz	Pass	PK	5.7288G	59.45	68.20	-8.75	3	Vertical	42	2.45
5580MHz	Pass	AV	11.17314G	41.56	54.00	-12.44	3	Vertical	135	2.26
5580MHz	Pass	PK	11.16936G	55.30	74.00	-18.70	3	Vertical	135	2.26
5580MHz	Pass	AV	11.175G	41.50	54.00	-12.50	3	Horizontal	224	2.76
5580MHz	Pass	PK	11.16528G	55.26	74.00	-18.74	3	Horizontal	224	2.76
5700MHz	Pass	AV	5.6988G	109.24	Inf	-Inf	3	Vertical	42	2.45
5700MHz	Pass	PK	5.6976G	122.42	Inf	-Inf	3	Vertical	42	2.45
5700MHz	Pass	PK	5.7376G	67.27	68.20	-0.93	3	Vertical	42	2.45
5700MHz	Pass	AV	11.38734G	41.62	54.00	-12.38	3	Vertical	0	2.14



RSE TX above 1GHz Non-Beamforming Radio 2 2T1S Full RU Appendix E.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5700MHz	Pass	PK	11.4036G	56.41	74.00	-17.59	3	Vertical	0	2.14
5700MHz	Pass	AV	11.38704G	41.58	54.00	-12.42	3	Horizontal	174	1.50
5700MHz	Pass	PK	11.39088G	56.13	74.00	-17.87	3	Horizontal	174	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.42G	45.53	54.00	-8.47	3	Vertical	28	2.09
5720MHz Straddle 5.47-5.725GHz	Pass	AV	5.7212G	109.69	Inf	-Inf	3	Vertical	28	2.09
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4572G	57.84	74.00	-16.16	3	Vertical	28	2.09
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.4668G	57.81	68.20	-10.39	3	Vertical	28	2.09
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.7224G	122.18	Inf	-Inf	3	Vertical	28	2.09
5720MHz Straddle 5.47-5.725GHz	Pass	PK	5.858G	59.31	68.20	-8.89	3	Vertical	28	2.09
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.42728G	41.00	54.00	-13.00	3	Vertical	237	1.67
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.4361G	54.73	74.00	-19.27	3	Vertical	237	1.67
5720MHz Straddle 5.47-5.725GHz	Pass	AV	11.44054G	40.97	54.00	-13.03	3	Horizontal	357	1.50
5720MHz Straddle 5.47-5.725GHz	Pass	PK	11.44192G	54.48	74.00	-19.52	3	Horizontal	357	1.50
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	AV	5.46G	47.94	54.00	-6.06	3	Vertical	37	2.41
5510MHz	Pass	AV	5.5068G	104.13	Inf	-Inf	3	Vertical	37	2.41
5510MHz	Pass	PK	5.454G	64.06	74.00	-9.94	3	Vertical	37	2.41
5510MHz	Pass	PK	5.4676G	66.94	68.20	-1.26	3	Vertical	37	2.41
5510MHz	Pass	PK	5.5284G	117.72	Inf	-Inf	3	Vertical	37	2.41
5510MHz	Pass	AV	11.0104G	39.89	54.00	-14.11	3	Vertical	289	1.50
5510MHz	Pass	PK	11.01448G	55.16	74.00	-18.84	3	Vertical	289	1.50
5510MHz	Pass	AV	11.04892G	39.95	54.00	-14.05	3	Horizontal	60	1.35
5510MHz	Pass	PK	11.01364G	53.99	74.00	-20.01	3	Horizontal	60	1.35
5550MHz	Pass	AV	5.46G	49.62	54.00	-4.38	3	Vertical	36	2.46
5550MHz	Pass	AV	5.568G	105.37	Inf	-Inf	3	Vertical	36	2.46
5550MHz	Pass	PK	5.4528G	63.28	74.00	-10.72	3	Vertical	36	2.46
5550MHz	Pass	PK	5.468G	67.58	68.20	-0.62	3	Vertical	36	2.46
5550MHz	Pass	PK	5.5476G	118.27	Inf	-Inf	3	Vertical	36	2.46
5550MHz	Pass	AV	11.13G	40.92	54.00	-13.08	3	Vertical	0	3.00
5550MHz	Pass	PK	11.11656G	54.10	74.00	-19.90	3	Vertical	0	3.00
5550MHz	Pass	AV	11.12904G	40.87	54.00	-13.13	3	Horizontal	305	1.50
5550MHz	Pass	PK	11.10768G	54.98	74.00	-19.02	3	Horizontal	305	1.50
5670MHz	Pass	AV	5.6886G	106.63	Inf	-Inf	3	Vertical	31	2.68
5670MHz	Pass	PK	5.6868G	118.93	Inf	-Inf	3	Vertical	31	2.68
5670MHz	Pass	PK	5.7282G	67.99	68.20	-0.21	3	Vertical	31	2.68
5670MHz	Pass	AV	11.33436G	42.32	54.00	-11.68	3	Vertical	220	1.50
5670MHz	Pass	PK	11.35788G	56.25	74.00	-17.75	3	Vertical	220	1.50
5670MHz	Pass	AV	11.3118G	42.35	54.00	-11.65	3	Horizontal	227	1.50
5670MHz	Pass	PK	11.31936G	55.83	74.00	-18.17	3	Horizontal	227	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.4148G	45.68	54.00	-8.32	3	Vertical	31	1.95
5710MHz Straddle 5.47-5.725GHz	Pass	AV	5.692G	106.94	Inf	-Inf	3	Vertical	31	1.95
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4352G	58.62	74.00	-15.38	3	Vertical	31	1.95
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.4652G	58.21	68.20	-9.99	3	Vertical	31	1.95
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.6932G	118.92	Inf	-Inf	3	Vertical	31	1.95
5710MHz Straddle 5.47-5.725GHz	Pass	PK	5.854G	59.92	68.20	-8.28	3	Vertical	31	1.95
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.39216G	41.58	54.00	-12.42	3	Vertical	110	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.396G	55.03	74.00	-18.97	3	Vertical	110	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	AV	11.39468G	41.57	54.00	-12.43	3	Horizontal	260	1.50
5710MHz Straddle 5.47-5.725GHz	Pass	PK	11.39648G	55.44	74.00	-18.56	3	Horizontal	260	1.50
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.35G	46.44	54.00	-7.56	3	Vertical	56	2.06
5530MHz	Pass	AV	5.452G	53.78	54.00	-0.22	3	Vertical	56	2.06
5530MHz	Pass	AV	5.511G	100.79	Inf	-Inf	3	Vertical	56	2.06
5530MHz	Pass	PK	5.308G	59.42	68.20	-8.78	3	Vertical	56	2.06
5530MHz	Pass	PK	5.44G	67.44	74.00	-6.56	3	Vertical	56	2.06
5530MHz	Pass	PK	5.47G	66.89	68.20	-1.31	3	Vertical	56	2.06
5530MHz	Pass	PK	5.552G	112.30	Inf	-Inf	3	Vertical	56	2.06
5530MHz	Pass	PK	5.748G	59.80	68.20	-8.40	3	Vertical	56	2.06
5530MHz	Pass	AV	11.06138G	39.98	54.00	-14.02	3	Vertical	298	1.48
5530MHz	Pass	PK	11.06089G	54.19	74.00	-19.81	3	Vertical	298	1.48
5530MHz	Pass	AV	11.06133G	39.95	54.00	-14.05	3	Horizontal	5	1.50
5530MHz	Pass	PK	11.05879G	54.17	74.00	-19.83	3	Horizontal	5	1.50



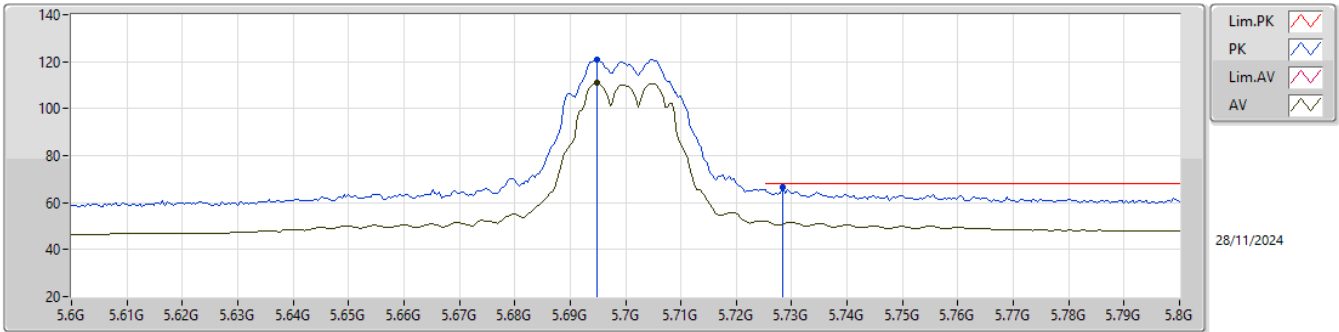
RSE TX above 1GHz Non-Beamforming Radio 2 2T1S Full RU Appendix E.6

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5610MHz	Pass	AV	5.449G	46.68	54.00	-7.32	3	Vertical	36	2.42
5610MHz	Pass	AV	5.648G	102.75	Inf	-Inf	3	Vertical	36	2.42
5610MHz	Pass	PK	5.444G	58.62	74.00	-15.38	3	Vertical	36	2.42
5610MHz	Pass	PK	5.467G	58.35	68.20	-9.85	3	Vertical	36	2.42
5610MHz	Pass	PK	5.648G	115.07	Inf	-Inf	3	Vertical	36	2.42
5610MHz	Pass	PK	5.728G	62.07	68.20	-6.13	3	Vertical	36	2.42
5610MHz	Pass	AV	11.22152G	41.74	54.00	-12.26	3	Vertical	54	2.53
5610MHz	Pass	PK	11.21993G	55.87	74.00	-18.13	3	Vertical	54	2.53
5610MHz	Pass	AV	11.22233G	41.74	54.00	-12.26	3	Horizontal	233	1.50
5610MHz	Pass	PK	11.21763G	56.02	74.00	-17.98	3	Horizontal	233	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.454G	46.45	54.00	-7.55	3	Vertical	28	2.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.693G	103.67	Inf	-Inf	3	Vertical	28	2.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.452G	58.70	74.00	-15.30	3	Vertical	28	2.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.469G	58.44	68.20	-9.76	3	Vertical	28	2.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.692G	115.69	Inf	-Inf	3	Vertical	28	2.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.85G	60.31	68.20	-7.89	3	Vertical	28	2.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37945G	41.78	54.00	-12.22	3	Vertical	360	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38044G	56.35	74.00	-17.65	3	Vertical	360	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37948G	41.72	54.00	-12.28	3	Horizontal	239	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37897G	55.53	74.00	-18.47	3	Horizontal	239	1.50
802.11be EHT160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4488G	53.62	54.00	-0.38	3	Vertical	44	2.02
5570MHz	Pass	AV	5.5088G	98.16	Inf	-Inf	3	Vertical	44	2.02
5570MHz	Pass	PK	5.3084G	62.12	68.20	-6.08	3	Vertical	44	2.02
5570MHz	Pass	PK	5.45G	65.85	74.00	-8.15	3	Vertical	44	2.02
5570MHz	Pass	PK	5.4692G	66.13	68.20	-2.07	3	Vertical	44	2.02
5570MHz	Pass	PK	5.5088G	110.81	Inf	-Inf	3	Vertical	44	2.02
5570MHz	Pass	PK	5.726G	65.55	68.20	-2.65	3	Vertical	44	2.02
5570MHz	Pass	AV	11.14236G	40.76	54.00	-13.24	3	Vertical	131	1.50
5570MHz	Pass	PK	11.14189G	54.75	74.00	-19.25	3	Vertical	131	1.50
5570MHz	Pass	AV	11.1425G	40.79	54.00	-13.21	3	Horizontal	314	1.50
5570MHz	Pass	PK	11.14211G	55.68	74.00	-18.32	3	Horizontal	314	1.50



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

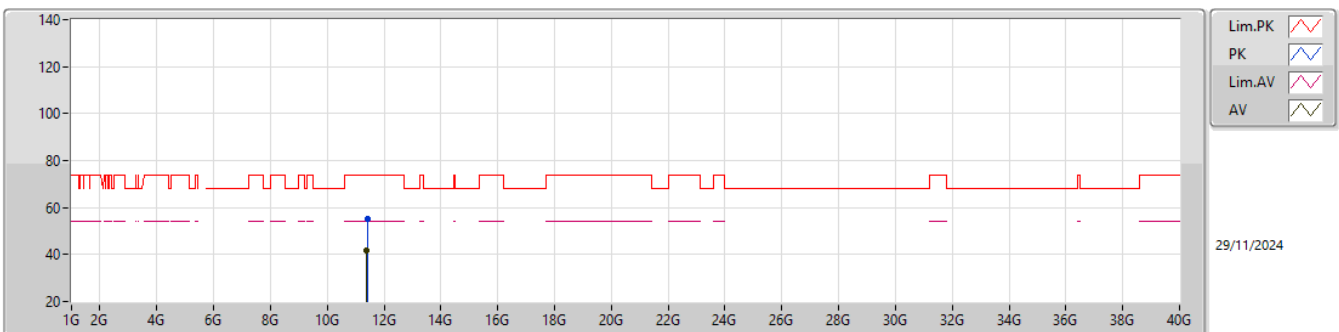
5700MHz_TX



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	5.6948G	110.78	Inf	-Inf	7.94	3	Vertical	36	2.54	102.84	33.56	8.44	34.06
PK	5.6948G	120.81	Inf	-Inf	7.94	3	Vertical	36	2.54	112.87	33.56	8.44	34.06
PK	5.7284G	66.38	68.20	-1.82	8.06	3	Vertical	36	2.54	58.32	33.66	8.48	34.08

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

5700MHz_TX

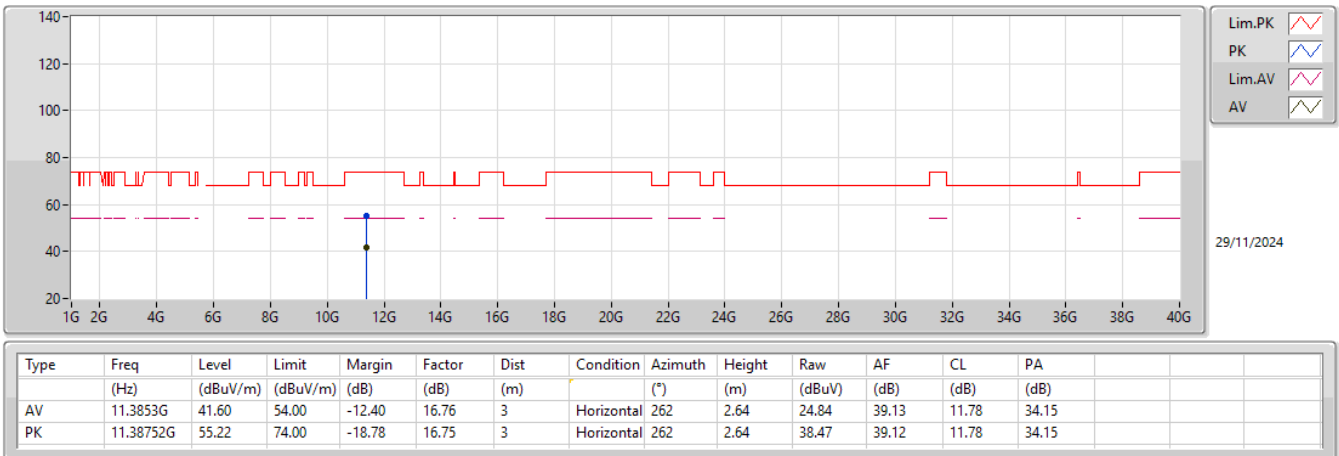


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.39496G	41.67	54.00	-12.33	16.75	3	Vertical	340	1.50	24.92	39.11	11.78	34.14
PK	11.41134G	55.11	74.00	-18.89	16.74	3	Vertical	340	1.50	38.37	39.08	11.79	34.13



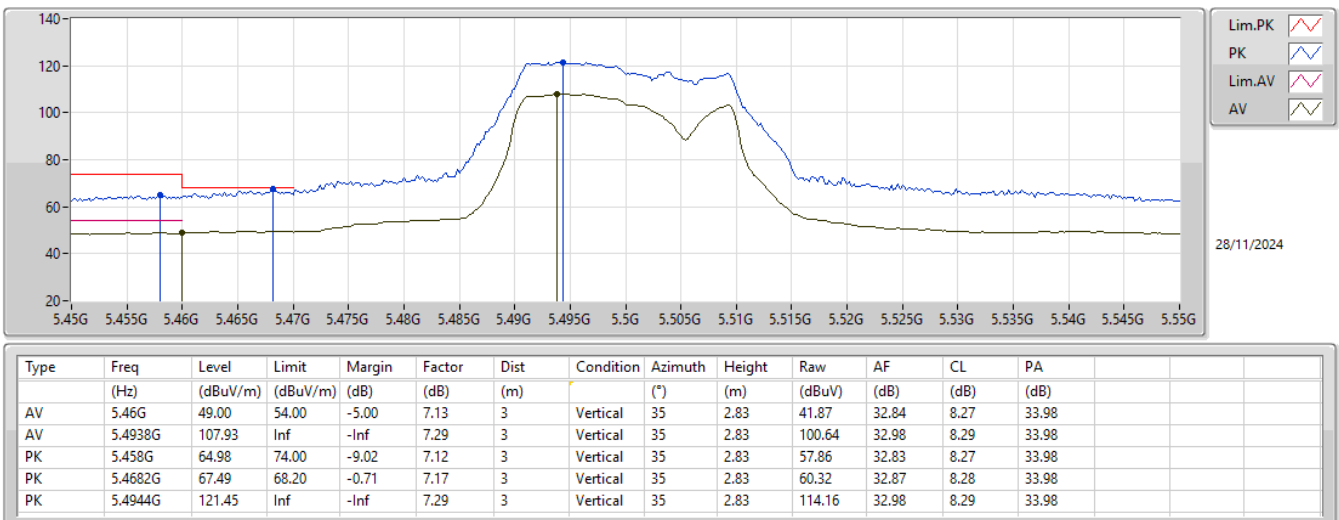
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX



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

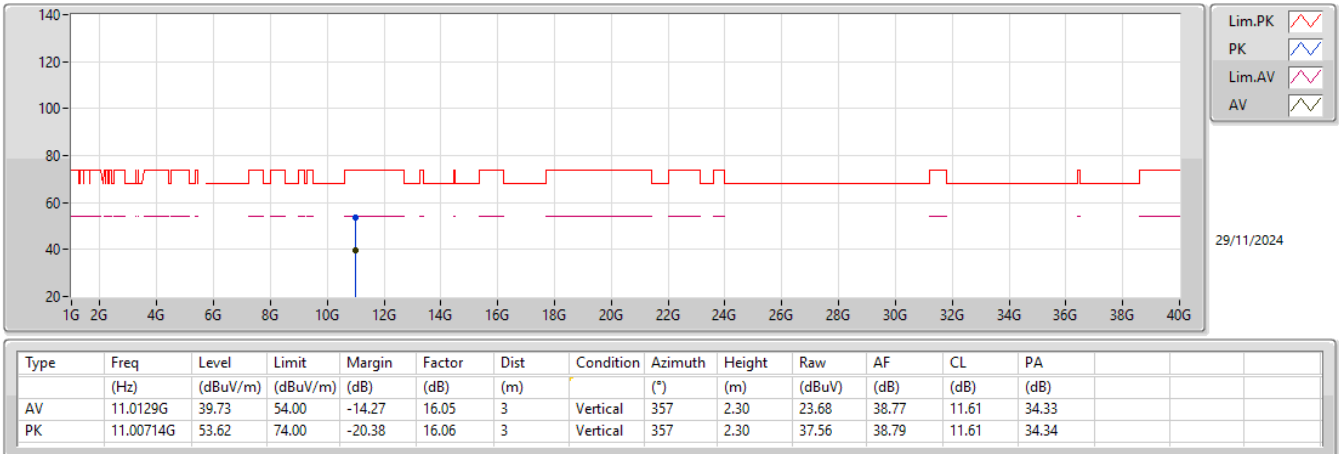
5500MHz_TX





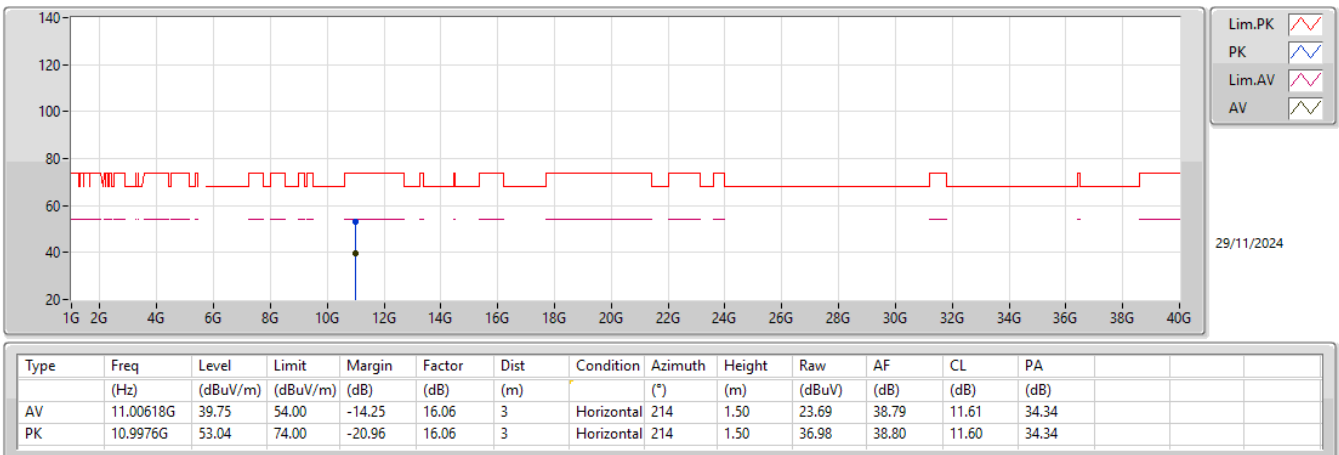
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX

5500MHz_TX



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

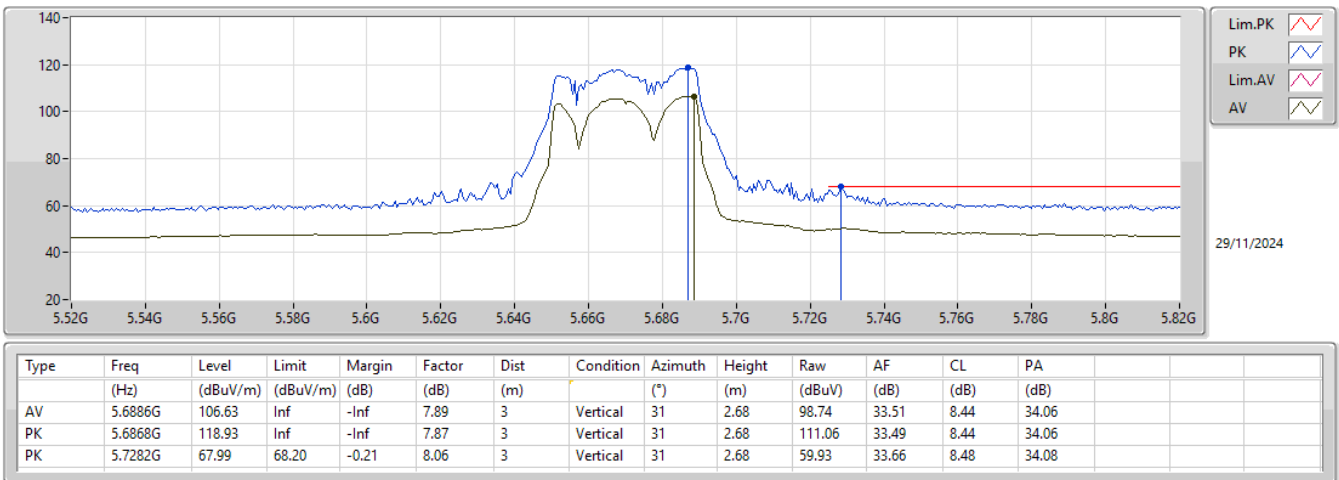
5500MHz_TX





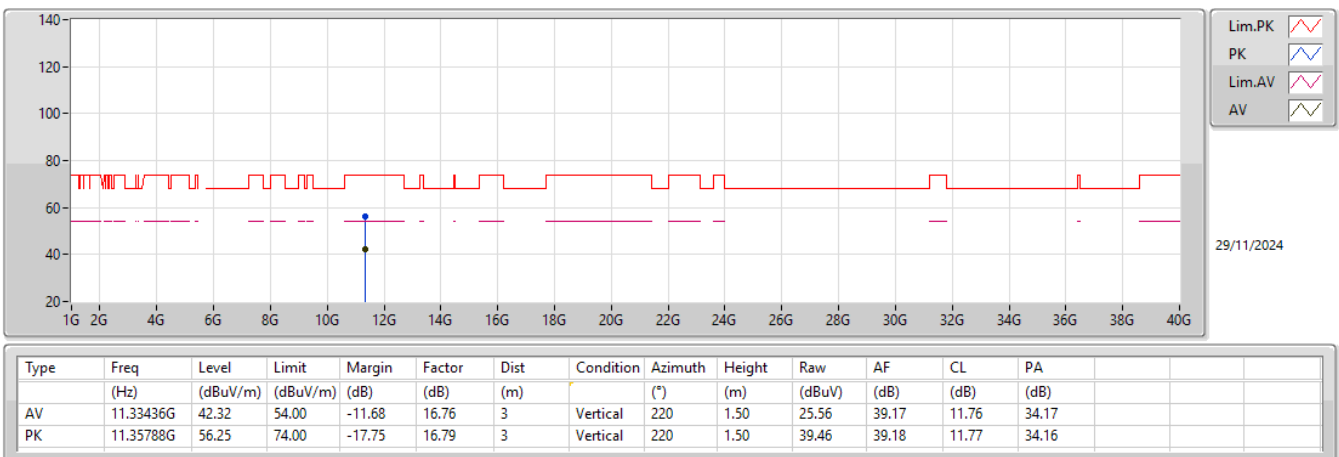
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX

5670MHz_TX



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

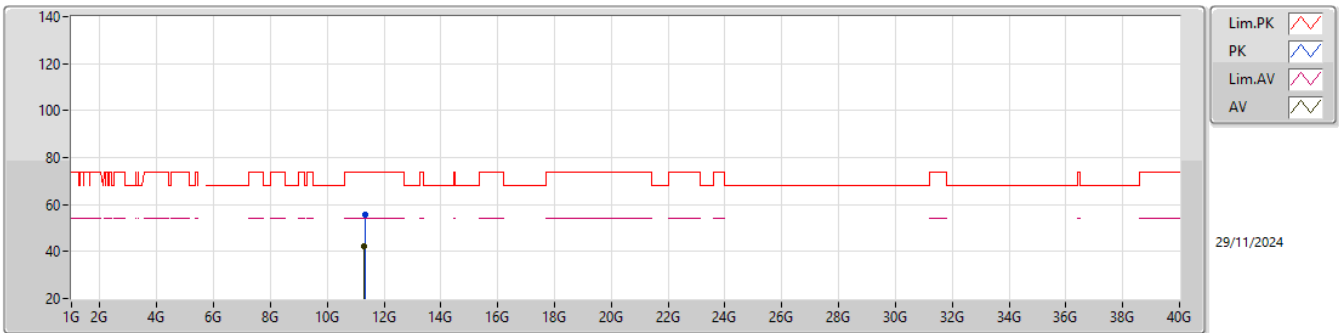
5670MHz_TX





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

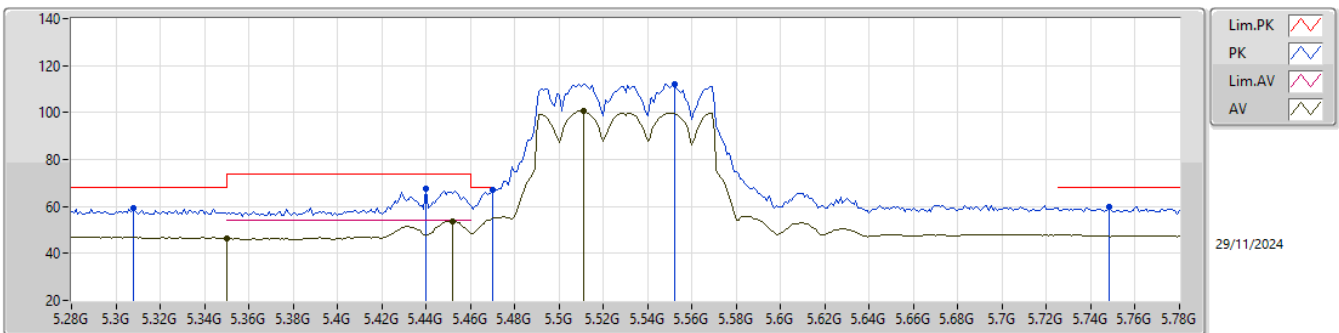
5670MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.3118G	42.35	54.00	-11.65	16.69	3	Horizontal	227	1.50	25.66	39.12	11.75	34.18
PK	11.31936G	55.83	74.00	-18.17	16.71	3	Horizontal	227	1.50	39.12	39.14	11.75	34.18

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

5530MHz_TX

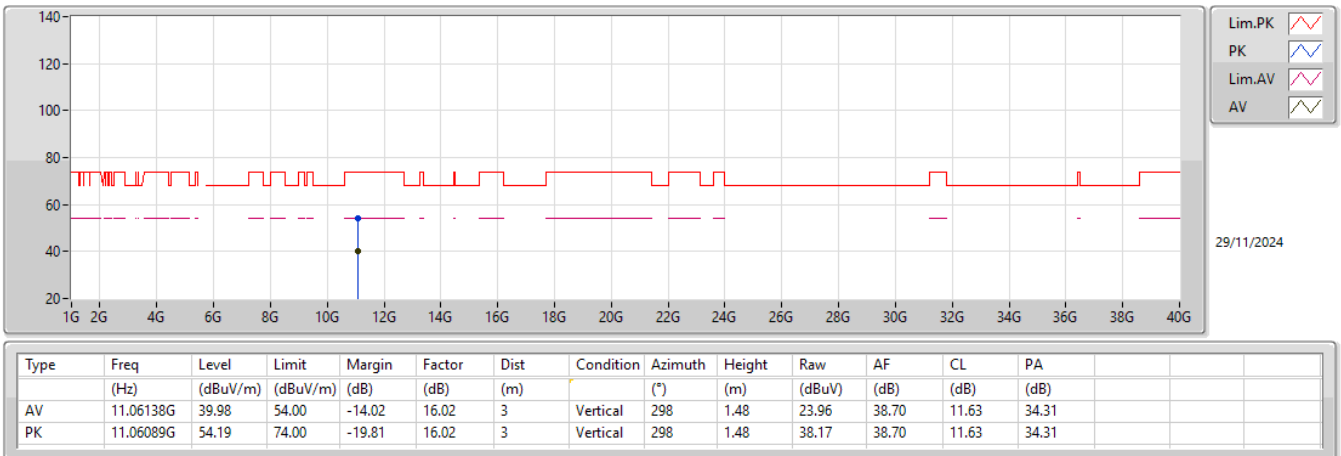


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	46.44	54.00	-7.56	7.12	3	Vertical	56	2.06	39.32	32.90	8.21	33.99
AV	5.452G	53.78	54.00	-0.22	7.10	3	Vertical	56	2.06	46.68	32.81	8.27	33.98
AV	5.511G	100.79	Inf	-Inf	7.30	3	Vertical	56	2.06	93.49	32.98	8.30	33.98
PK	5.308G	59.42	68.20	-8.78	7.09	3	Vertical	56	2.06	52.33	32.90	8.18	33.99
PK	5.44G	67.44	74.00	-6.56	7.08	3	Vertical	56	2.06	60.36	32.80	8.26	33.98
PK	5.47G	66.89	68.20	-1.31	7.18	3	Vertical	56	2.06	59.71	32.88	8.28	33.98
PK	5.552G	112.30	Inf	-Inf	7.22	3	Vertical	56	2.06	105.08	32.90	8.32	34.00
PK	5.748G	59.80	68.20	-8.40	8.12	3	Vertical	56	2.06	51.68	33.70	8.50	34.08



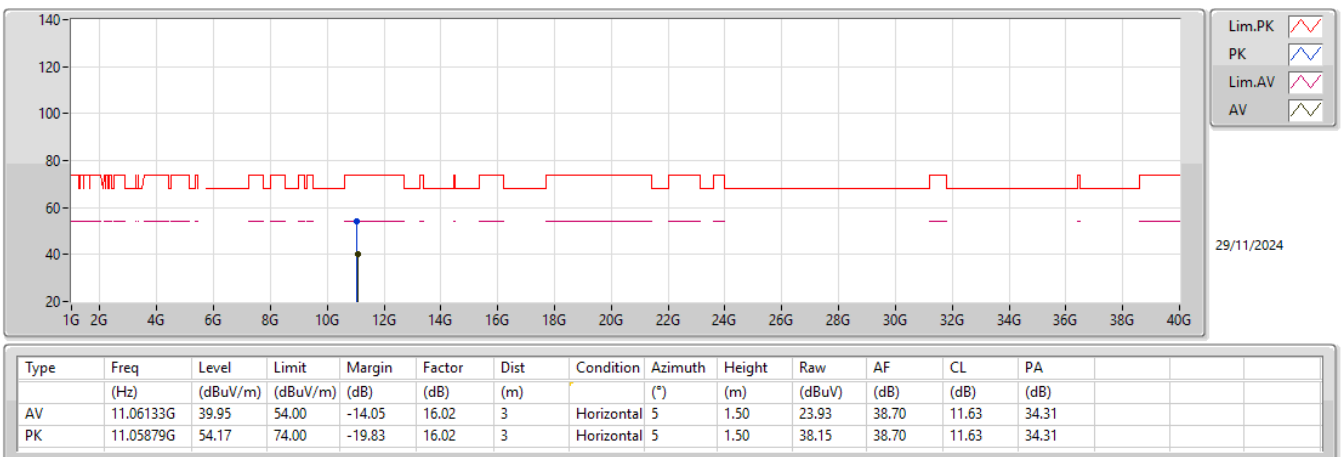
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX

5530MHz_TX



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

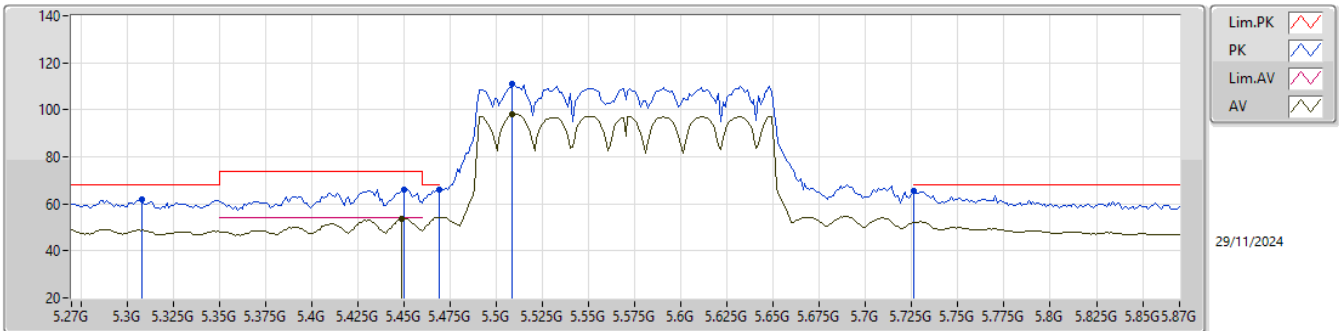
5530MHz_TX





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

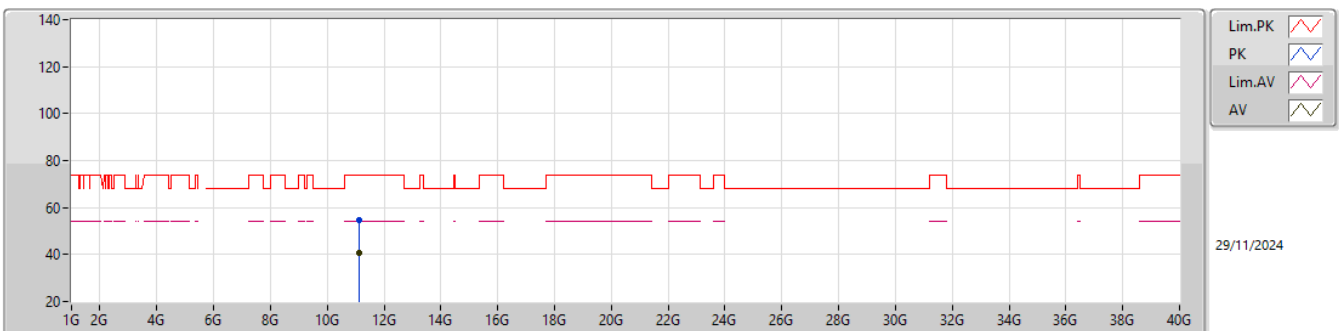
5570MHz_TX



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	5.4488G	53.62	54.00	-0.38	7.09	3	Vertical	44	2.02	46.53	32.80	8.27	33.98
AV	5.5088G	98.16	Inf	-Inf	7.30	3	Vertical	44	2.02	90.86	32.98	8.30	33.98
PK	5.3084G	62.12	68.20	-6.08	7.10	3	Vertical	44	2.02	55.02	32.90	8.19	33.99
PK	5.45G	65.85	74.00	-8.15	7.09	3	Vertical	44	2.02	58.76	32.80	8.27	33.98
PK	5.4692G	66.13	68.20	-2.07	7.18	3	Vertical	44	2.02	58.95	32.88	8.28	33.98
PK	5.5088G	110.81	Inf	-Inf	7.30	3	Vertical	44	2.02	103.51	32.98	8.30	33.98
PK	5.726G	65.55	68.20	-2.65	8.06	3	Vertical	44	2.02	57.49	33.65	8.48	34.07

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

5570MHz_TX

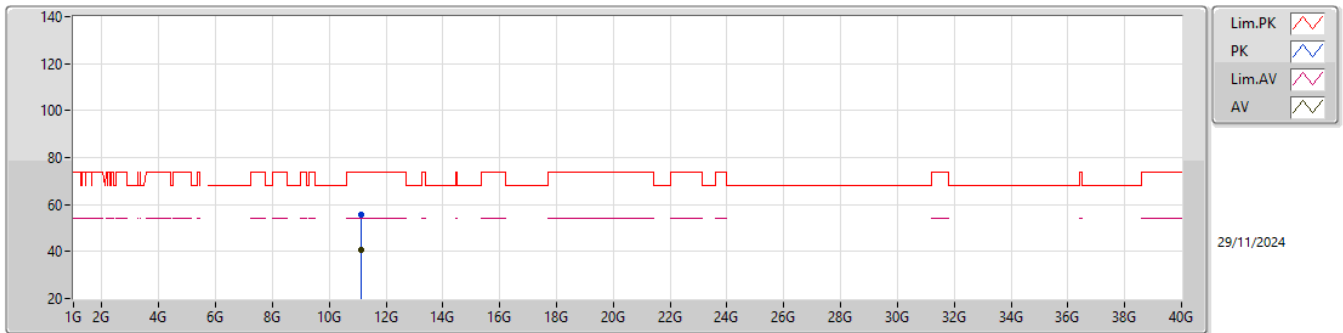


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	11.14236G	40.76	54.00	-13.24	16.18	3	Vertical	131	1.50	24.58	38.78	11.67	34.27
PK	11.14189G	54.75	74.00	-19.25	16.18	3	Vertical	131	1.50	38.57	38.78	11.67	34.27



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	11.1425G	40.79	54.00	-13.21	16.19	3	Horizontal	314	1.50	24.60	38.79	11.67	34.27				
PK	11.14211G	55.68	74.00	-18.32	16.18	3	Horizontal	314	1.50	39.50	38.78	11.67	34.27				



RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.7

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_2TX	Pass	PK	30M	34.58	40.00	-5.42	3	Vertical	360	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.7

Result

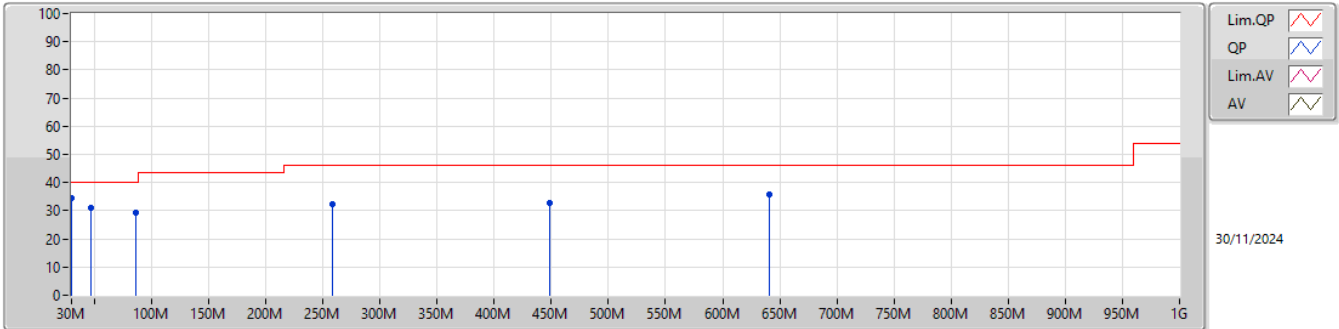
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	PK	30M	34.58	40.00	-5.42	3	Vertical	360	1.00
5530MHz	Pass	PK	47.46M	30.99	40.00	-9.01	3	Vertical	360	1.00
5530MHz	Pass	PK	86.26M	29.31	40.00	-10.69	3	Vertical	360	1.00
5530MHz	Pass	PK	258.92M	32.24	46.00	-13.76	3	Vertical	360	1.00
5530MHz	Pass	PK	449.04M	32.58	46.00	-13.42	3	Vertical	360	1.00
5530MHz	Pass	PK	641.1M	35.89	46.00	-10.11	3	Vertical	360	1.00
5530MHz	Pass	PK	30M	25.51	40.00	-14.49	3	Horizontal	0	1.00
5530MHz	Pass	PK	165.8M	30.17	43.50	-13.33	3	Horizontal	0	1.00
5530MHz	Pass	PK	274.44M	34.74	46.00	-11.26	3	Horizontal	0	1.00
5530MHz	Pass	PK	311.3M	33.20	46.00	-12.80	3	Horizontal	0	1.00
5530MHz	Pass	PK	454.86M	30.19	46.00	-15.81	3	Horizontal	0	1.00
5530MHz	Pass	PK	639.16M	33.94	46.00	-12.06	3	Horizontal	0	1.00



RSE TX below 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.7

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

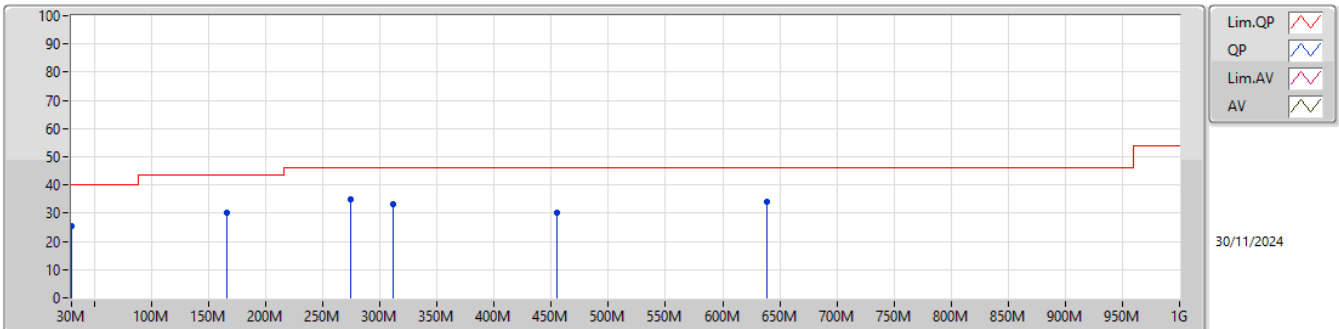
5530MHz_PoE



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)				
PK	30M	34.58	40.00	-5.42	-3.00	3	Vertical	360	1.00	37.58	24.27	0.24	27.51				
PK	47.46M	30.99	40.00	-9.01	-11.77	3	Vertical	360	1.00	42.76	15.19	0.40	27.36				
PK	86.26M	29.31	40.00	-10.69	-12.13	3	Vertical	360	1.00	41.44	14.35	0.85	27.33				
PK	258.92M	32.24	46.00	-13.76	-4.93	3	Vertical	360	1.00	37.17	19.63	2.17	26.73				
PK	449.04M	32.58	46.00	-13.42	-2.01	3	Vertical	360	1.00	34.59	22.93	2.90	27.84				
PK	641.1M	35.89	46.00	-10.11	0.68	3	Vertical	360	1.00	35.21	25.15	3.74	28.21				

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

5530MHz_PoE



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)				
PK	30M	25.51	40.00	-14.49	-3.00	3	Horizontal	0	1.00	28.51	24.27	0.24	27.51				
PK	165.8M	30.17	43.50	-13.33	-9.43	3	Horizontal	0	1.00	39.60	15.88	1.78	27.09				
PK	274.44M	34.74	46.00	-11.26	-5.60	3	Horizontal	0	1.00	40.34	18.92	2.20	26.72				
PK	311.3M	33.20	46.00	-12.80	-4.80	3	Horizontal	0	1.00	38.00	19.68	2.30	26.78				
PK	454.86M	30.19	46.00	-15.81	-1.91	3	Horizontal	0	1.00	32.10	23.04	2.93	27.88				
PK	639.16M	33.94	46.00	-12.06	0.65	3	Horizontal	0	1.00	33.29	25.13	3.73	28.21				



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.8

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	Pass	PK	5.468G	67.77	68.20	-0.43	3	Vertical	62	2.23
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	Pass	PK	5.4656G	67.87	68.20	-0.33	3	Vertical	64	2.21



RSE TX above 1GHz Non-Beamforming Radio 2 2T1S Multi-RU Appendix E.8

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.35G	46.54	54.00	-7.46	3	Vertical	62	2.23
5530MHz	Pass	AV	5.446G	50.13	54.00	-3.87	3	Vertical	62	2.23
5530MHz	Pass	AV	5.509G	99.51	Inf	-Inf	3	Vertical	62	2.23
5530MHz	Pass	PK	5.309G	58.91	68.20	-9.29	3	Vertical	62	2.23
5530MHz	Pass	PK	5.446G	66.30	74.00	-7.70	3	Vertical	62	2.23
5530MHz	Pass	PK	5.468G	67.77	68.20	-0.43	3	Vertical	62	2.23
5530MHz	Pass	PK	5.508G	111.94	Inf	-Inf	3	Vertical	62	2.23
5530MHz	Pass	PK	5.739G	61.06	68.20	-7.14	3	Vertical	62	2.23
5530MHz	Pass	AV	5.35G	45.97	54.00	-8.03	3	Horizontal	32	2.00
5530MHz	Pass	AV	5.46G	46.24	54.00	-7.76	3	Horizontal	32	2.00
5530MHz	Pass	AV	5.513G	88.53	Inf	-Inf	3	Horizontal	32	2.00
5530MHz	Pass	PK	5.313G	59.00	68.20	-9.20	3	Horizontal	32	2.00
5530MHz	Pass	PK	5.429G	59.62	74.00	-14.38	3	Horizontal	32	2.00
5530MHz	Pass	PK	5.462G	59.41	68.20	-8.79	3	Horizontal	32	2.00
5530MHz	Pass	PK	5.516G	102.02	Inf	-Inf	3	Horizontal	32	2.00
5530MHz	Pass	PK	5.729G	60.19	68.20	-8.01	3	Horizontal	32	2.00
5530MHz	Pass	AV	11.0096G	41.24	54.00	-12.76	3	Vertical	130	1.50
5530MHz	Pass	PK	11.0312G	55.08	74.00	-18.92	3	Vertical	130	1.50
5530MHz	Pass	AV	11.00984G	41.24	54.00	-12.76	3	Horizontal	356	1.50
5530MHz	Pass	PK	11.01248G	54.64	74.00	-19.36	3	Horizontal	356	1.50
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	AV	5.454G	47.47	54.00	-6.53	3	Vertical	53	2.36
5610MHz	Pass	AV	5.648G	101.13	Inf	-Inf	3	Vertical	53	2.36
5610MHz	Pass	PK	5.456G	60.04	74.00	-13.96	3	Vertical	53	2.36
5610MHz	Pass	PK	5.465G	61.16	68.20	-7.04	3	Vertical	53	2.36
5610MHz	Pass	PK	5.587G	113.23	Inf	-Inf	3	Vertical	53	2.36
5610MHz	Pass	PK	5.726G	63.82	68.20	-4.38	3	Vertical	53	2.36
5610MHz	Pass	AV	5.369G	45.90	54.00	-8.10	3	Horizontal	17	1.62
5610MHz	Pass	AV	5.617G	93.70	Inf	-Inf	3	Horizontal	17	1.62
5610MHz	Pass	PK	5.432G	59.21	74.00	-14.79	3	Horizontal	17	1.62
5610MHz	Pass	PK	5.47G	58.09	68.20	-10.11	3	Horizontal	17	1.62
5610MHz	Pass	PK	5.619G	106.28	Inf	-Inf	3	Horizontal	17	1.62
5610MHz	Pass	PK	5.733G	61.33	68.20	-6.87	3	Horizontal	17	1.62
5610MHz	Pass	AV	11.23G	42.48	54.00	-11.52	3	Vertical	206	3.00
5610MHz	Pass	PK	11.26296G	55.72	74.00	-18.28	3	Vertical	206	3.00
5610MHz	Pass	AV	11.20G	42.46	54.00	-11.54	3	Horizontal	77	1.01
5610MHz	Pass	PK	11.19816G	55.84	74.00	-18.16	3	Horizontal	77	1.01
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.459G	46.48	54.00	-7.52	3	Vertical	27	2.12
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.692G	103.88	Inf	-Inf	3	Vertical	27	2.12
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.459G	59.06	74.00	-14.94	3	Vertical	27	2.12
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.467G	59.05	68.20	-9.15	3	Vertical	27	2.12
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.694G	117.02	Inf	-Inf	3	Vertical	27	2.12
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.851G	60.88	68.20	-7.32	3	Vertical	27	2.12
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.459G	45.68	54.00	-8.32	3	Horizontal	16	1.97
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.715G	97.15	Inf	-Inf	3	Horizontal	16	1.97
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.451G	58.29	74.00	-15.71	3	Horizontal	16	1.97
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.465G	57.57	68.20	-10.63	3	Horizontal	16	1.97
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.715G	110.06	Inf	-Inf	3	Horizontal	16	1.97
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.892G	60.47	68.20	-7.73	3	Horizontal	16	1.97
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3488G	42.85	54.00	-11.15	3	Vertical	341	1.22
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.34712G	56.63	74.00	-17.37	3	Vertical	341	1.22
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.34136G	42.83	54.00	-11.17	3	Horizontal	180	1.66
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.35024G	56.67	74.00	-17.33	3	Horizontal	180	1.66
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4488G	49.44	54.00	-4.56	3	Vertical	64	2.21
5570MHz	Pass	AV	5.51G	96.42	Inf	-Inf	3	Vertical	64	2.21
5570MHz	Pass	PK	5.348G	63.29	68.20	-4.91	3	Vertical	64	2.21
5570MHz	Pass	PK	5.4392G	72.50	74.00	-1.50	3	Vertical	64	2.21
5570MHz	Pass	PK	5.4656G	67.87	68.20	-0.33	3	Vertical	64	2.21
5570MHz	Pass	PK	5.5088G	109.12	Inf	-Inf	3	Vertical	64	2.21



RSE TX above 1GHz Non-Beamforming Radio 2 2T1S Multi-RU Appendix E.8

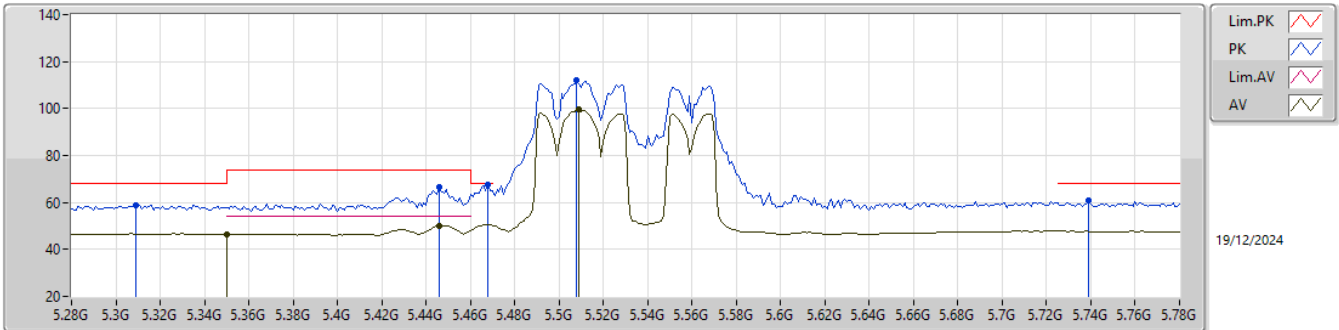
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	PK	5.7824G	63.48	68.20	-4.72	3	Vertical	64	2.21
5570MHz	Pass	AV	5.4488G	46.42	54.00	-7.58	3	Horizontal	17	2.00
5570MHz	Pass	AV	5.5136G	88.44	Inf	-Inf	3	Horizontal	17	2.00
5570MHz	Pass	PK	5.276G	59.31	68.20	-8.89	3	Horizontal	17	2.00
5570MHz	Pass	PK	5.4296G	64.77	74.00	-9.23	3	Horizontal	17	2.00
5570MHz	Pass	PK	5.4608G	64.23	68.20	-3.97	3	Horizontal	17	2.00
5570MHz	Pass	PK	5.6372G	100.89	Inf	-Inf	3	Horizontal	17	2.00
5570MHz	Pass	PK	5.726G	65.33	68.20	-2.87	3	Horizontal	17	2.00
5570MHz	Pass	PK	10.49076G	54.63	68.20	-13.57	3	Vertical	82	1.42
5570MHz	Pass	PK	10.49712G	55.12	68.20	-13.08	3	Horizontal	234	2.92
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4488G	47.47	54.00	-6.53	3	Vertical	45	2.24
5570MHz	Pass	AV	5.5088G	94.81	Inf	-Inf	3	Vertical	45	2.24
5570MHz	Pass	PK	5.3468G	62.01	68.20	-6.19	3	Vertical	45	2.24
5570MHz	Pass	PK	5.4296G	66.35	74.00	-7.65	3	Vertical	45	2.24
5570MHz	Pass	PK	5.4608G	67.72	68.20	-0.48	3	Vertical	45	2.24
5570MHz	Pass	PK	5.5124G	107.06	Inf	-Inf	3	Vertical	45	2.24
5570MHz	Pass	PK	5.7464G	67.59	68.20	-0.61	3	Vertical	45	2.24
5570MHz	Pass	AV	5.3504G	46.03	54.00	-7.97	3	Horizontal	17	1.77
5570MHz	Pass	AV	5.5136G	86.02	Inf	-Inf	3	Horizontal	17	1.77
5570MHz	Pass	PK	5.3492G	59.34	68.20	-8.86	3	Horizontal	17	1.77
5570MHz	Pass	PK	5.4596G	62.22	74.00	-11.78	3	Horizontal	17	1.77
5570MHz	Pass	PK	5.4608G	63.17	68.20	-5.03	3	Horizontal	17	1.77
5570MHz	Pass	PK	5.6156G	98.26	Inf	-Inf	3	Horizontal	17	1.77
5570MHz	Pass	PK	5.7476G	63.67	68.20	-4.53	3	Horizontal	17	1.77
5570MHz	Pass	PK	10.50772G	54.21	68.20	-13.99	3	Vertical	198	2.00
5570MHz	Pass	PK	10.49456G	54.28	68.20	-13.92	3	Horizontal	82	2.37



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.8

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX

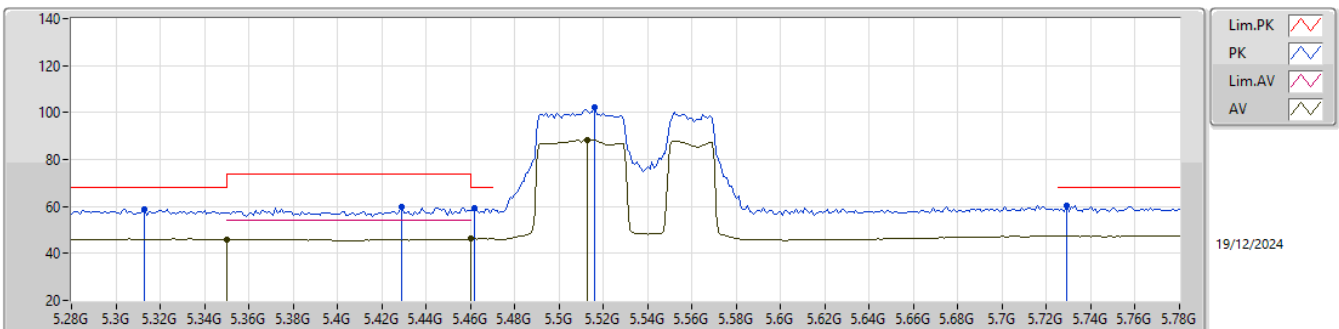
5530MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	46.54	54.00	-7.46	7.12	3	Vertical	62	2.23	39.42	32.90	8.21	33.99
AV	5.446G	50.13	54.00	-3.87	7.09	3	Vertical	62	2.23	43.04	32.80	8.27	33.98
AV	5.509G	99.51	Inf	-Inf	7.30	3	Vertical	62	2.23	92.21	32.98	8.30	33.98
PK	5.309G	58.91	68.20	-9.29	7.10	3	Vertical	62	2.23	51.81	32.90	8.19	33.99
PK	5.446G	66.30	74.00	-7.70	7.09	3	Vertical	62	2.23	59.21	32.80	8.27	33.98
PK	5.468G	67.77	68.20	-0.43	7.17	3	Vertical	62	2.23	60.60	32.87	8.28	33.98
PK	5.508G	111.94	Inf	-Inf	7.30	3	Vertical	62	2.23	104.64	32.98	8.30	33.98
PK	5.739G	61.06	68.20	-7.14	8.09	3	Vertical	62	2.23	52.97	33.68	8.49	34.08

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX

5530MHz_TX



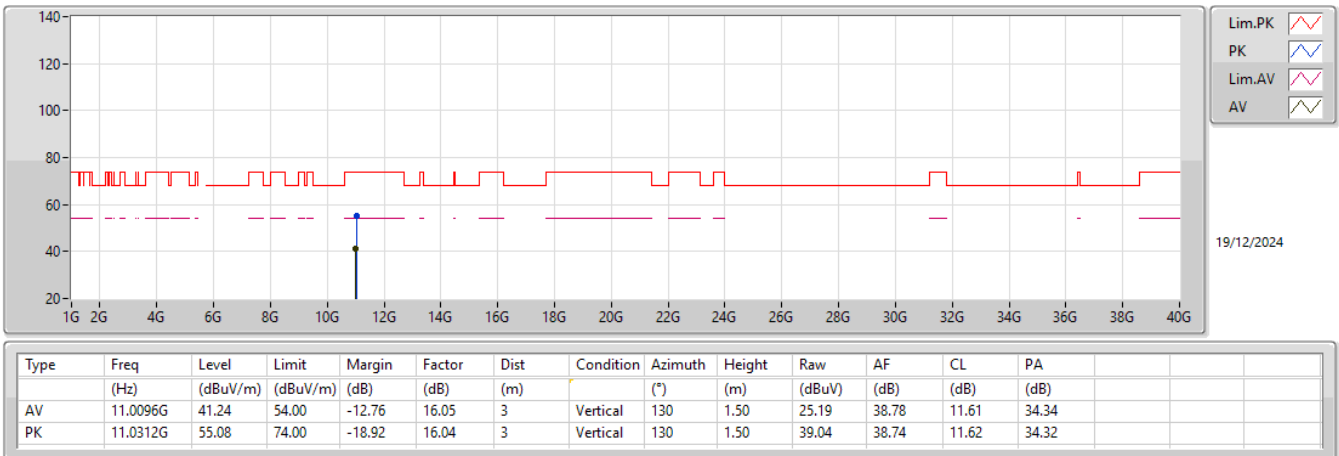
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	45.97	54.00	-8.03	7.12	3	Horizontal	32	2.00	38.85	32.90	8.21	33.99
AV	5.46G	46.24	54.00	-7.76	7.13	3	Horizontal	32	2.00	39.11	32.84	8.27	33.98
AV	5.513G	88.53	Inf	-Inf	7.28	3	Horizontal	32	2.00	81.25	32.97	8.30	33.99
PK	5.313G	59.00	68.20	-9.20	7.10	3	Horizontal	32	2.00	51.90	32.90	8.19	33.99
PK	5.429G	59.62	74.00	-14.38	7.08	3	Horizontal	32	2.00	52.54	32.80	8.26	33.98
PK	5.462G	59.41	68.20	-8.79	7.14	3	Horizontal	32	2.00	52.27	32.85	8.27	33.98
PK	5.516G	102.02	Inf	-Inf	7.28	3	Horizontal	32	2.00	94.74	32.97	8.30	33.99
PK	5.729G	60.19	68.20	-8.01	8.06	3	Horizontal	32	2.00	52.13	33.66	8.48	34.08



RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.8

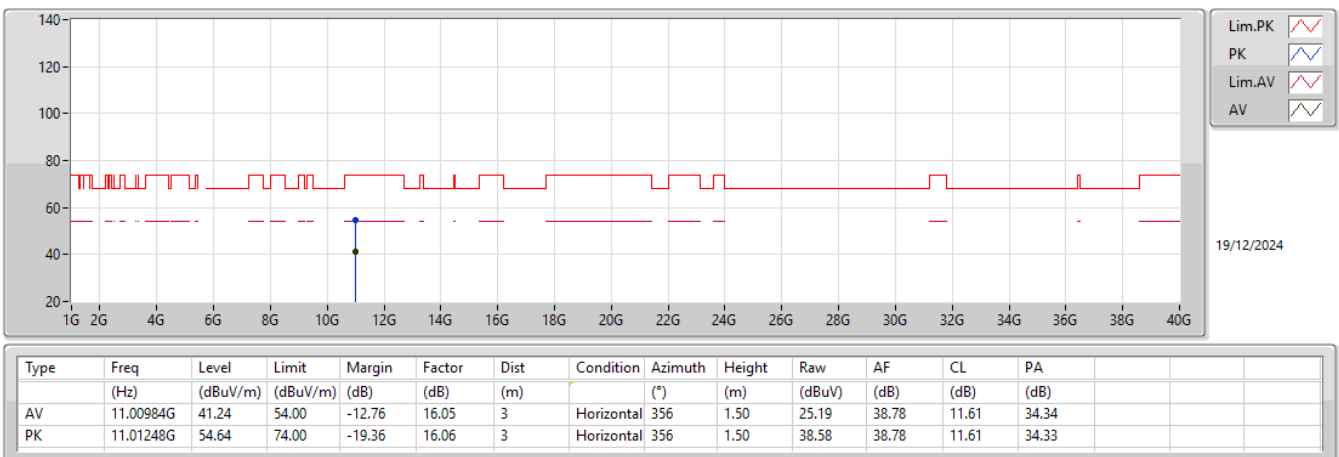
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX

5530MHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX

5530MHz_TX

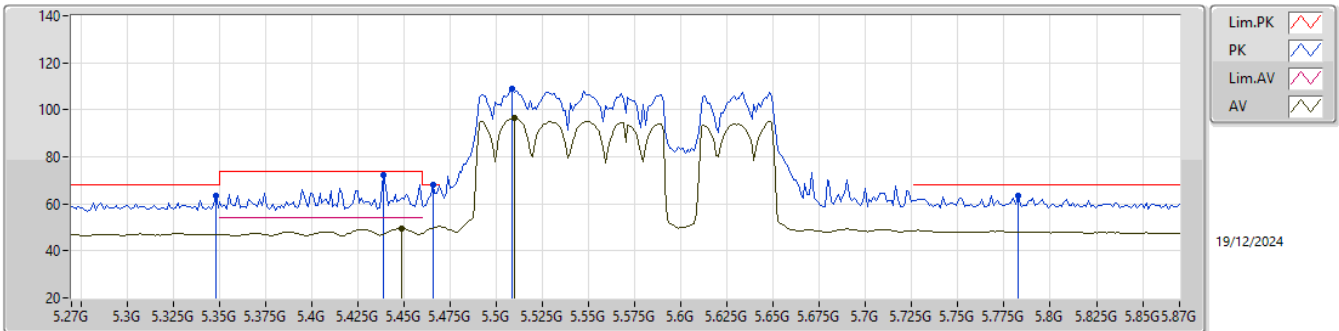




RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S_Multi-RU Appendix E.8

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX

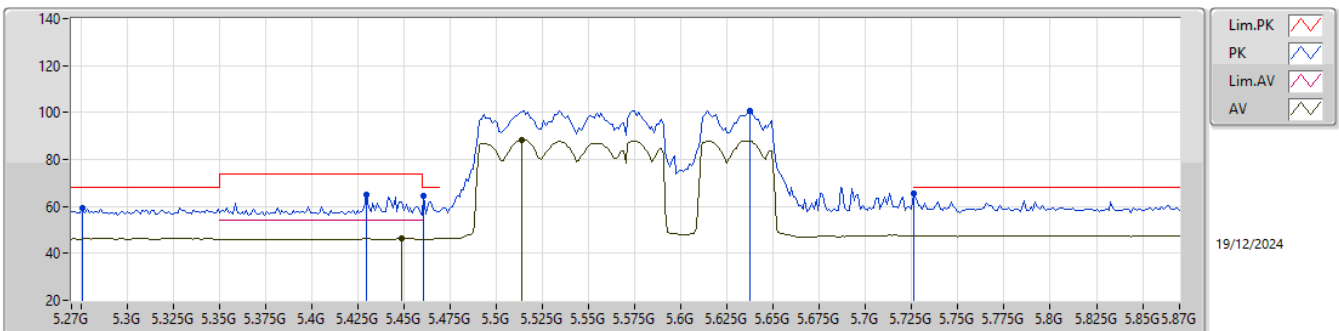
5570MHz_TX



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	5.4488G	49.44	54.00	-4.56	7.09	3	Vertical	64	2.21	42.35	32.80	8.27	33.98
AV	5.51G	96.42	Inf	-Inf	7.30	3	Vertical	64	2.21	89.12	32.98	8.30	33.98
PK	5.348G	63.29	68.20	-4.91	7.12	3	Vertical	64	2.21	56.17	32.90	8.21	33.99
PK	5.4392G	72.50	74.00	-1.50	7.08	3	Vertical	64	2.21	65.42	32.80	8.26	33.98
PK	5.4656G	67.87	68.20	-0.33	7.16	3	Vertical	64	2.21	60.71	32.86	8.28	33.98
PK	5.5088G	109.12	Inf	-Inf	7.30	3	Vertical	64	2.21	101.82	32.98	8.30	33.98
PK	5.7824G	63.48	68.20	-4.72	8.26	3	Vertical	64	2.21	55.22	33.83	8.53	34.10

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX

5570MHz_TX

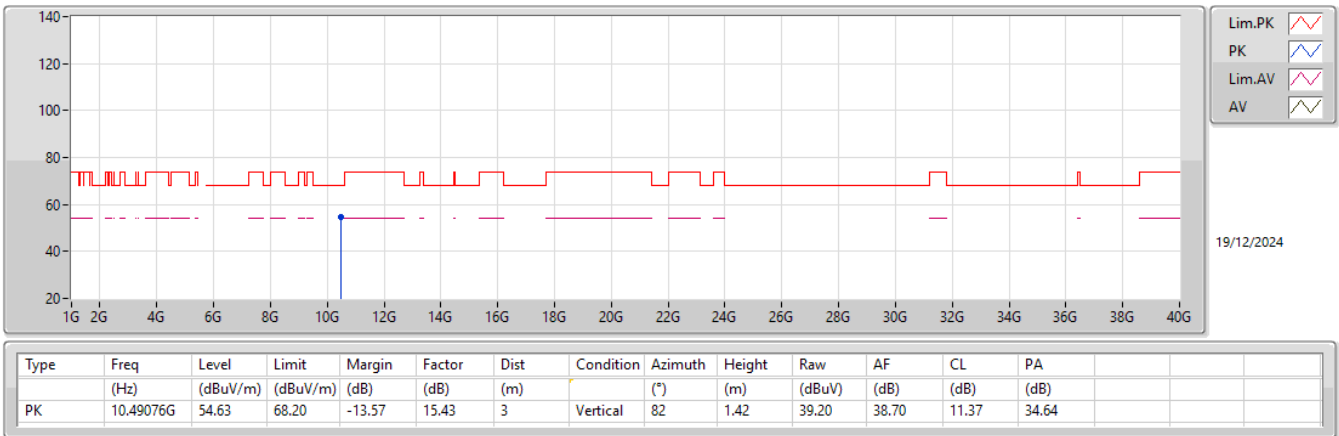


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.4488G	46.42	54.00	-7.58	7.09	3	Horizontal	17	2.00	39.33	32.80	8.27	33.98
AV	5.5136G	88.44	Inf	-Inf	7.28	3	Horizontal	17	2.00	81.16	32.97	8.30	33.99
PK	5.276G	59.31	68.20	-8.89	7.13	3	Horizontal	17	2.00	52.18	32.95	8.17	33.99
PK	5.4296G	64.77	74.00	-9.23	7.08	3	Horizontal	17	2.00	57.69	32.80	8.26	33.98
PK	5.4608G	64.23	68.20	-3.97	7.13	3	Horizontal	17	2.00	57.10	32.84	8.27	33.98
PK	5.6372G	100.89	Inf	-Inf	7.47	3	Horizontal	17	2.00	93.42	33.12	8.39	34.04
PK	5.726G	65.33	68.20	-2.87	8.06	3	Horizontal	17	2.00	57.27	33.65	8.48	34.07



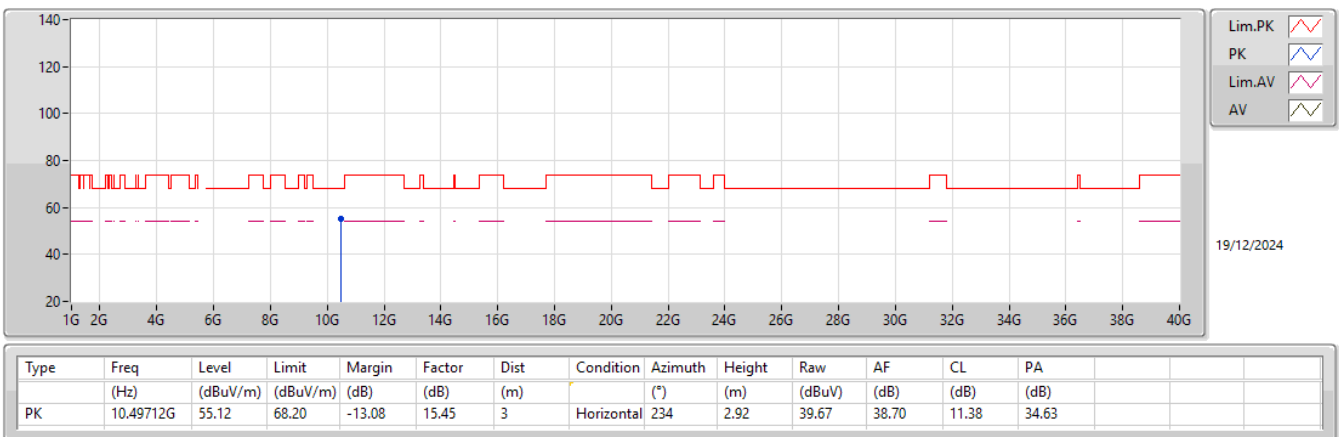
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX

5570MHz_TX





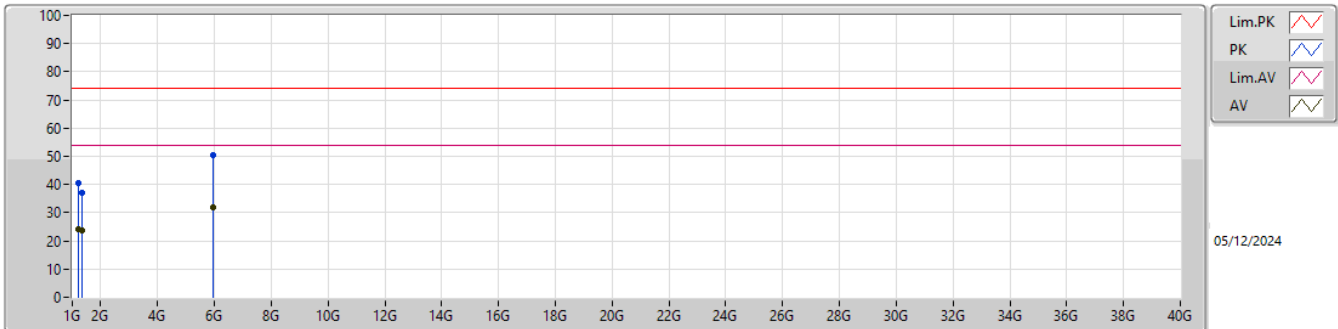
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	5.68084G	52.35	74.00	-21.65	Horizontal

Result

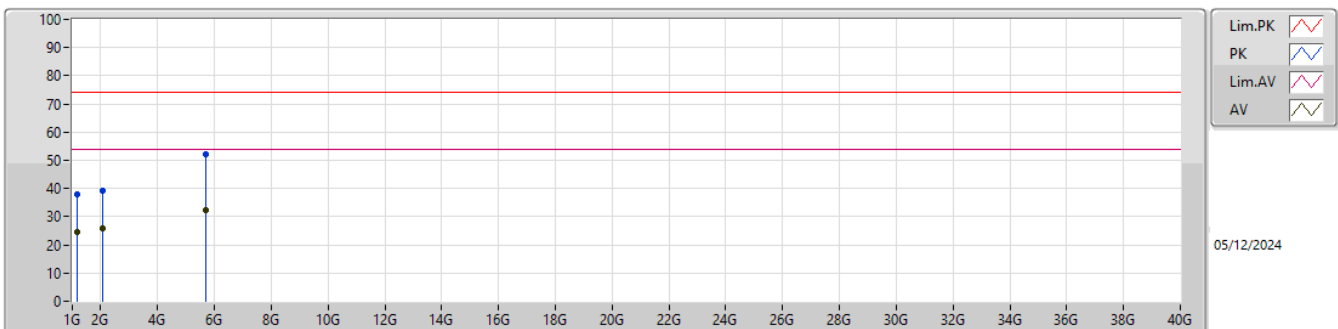
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
Mode 1	Pass	AV	1.19615G	24.03	54.00	-29.97	3	Vertical	244	2.00
Mode 1	Pass	AV	1.35411G	23.68	54.00	-30.32	3	Vertical	162	1.00
Mode 1	Pass	AV	5.96115G	31.86	54.00	-22.14	3	Vertical	28	1.52
Mode 1	Pass	PK	1.19615G	40.59	74.00	-33.41	3	Vertical	244	2.00
Mode 1	Pass	PK	1.35411G	37.09	74.00	-36.91	3	Vertical	162	1.00
Mode 1	Pass	PK	5.96115G	50.24	74.00	-23.76	3	Vertical	28	1.52
Mode 1	Pass	AV	1.15423G	24.56	54.00	-29.44	3	Horizontal	341	1.04
Mode 1	Pass	AV	2.07577G	25.94	54.00	-28.06	3	Horizontal	30	1.00
Mode 1	Pass	AV	5.68084G	32.13	54.00	-21.87	3	Horizontal	27	2.00
Mode 1	Pass	PK	1.15423G	37.73	74.00	-36.27	3	Horizontal	341	1.04
Mode 1	Pass	PK	2.07577G	39.42	74.00	-34.58	3	Horizontal	30	1.00
Mode 1	Pass	PK	5.68084G	52.35	74.00	-21.65	3	Horizontal	27	2.00

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.19615G	24.03	54.00	-29.97	-6.32	3	Vertical	244	2.00	30.35	26.10	3.14	35.56
AV	1.35411G	23.68	54.00	-30.32	-6.12	3	Vertical	162	1.00	29.80	25.86	3.35	35.33
AV	5.96115G	31.86	54.00	-22.14	6.08	3	Vertical	28	1.52	25.78	34.02	7.32	35.26
PK	1.19615G	40.59	74.00	-33.41	-6.32	3	Vertical	244	2.00	46.91	26.10	3.14	35.56
PK	1.35411G	37.09	74.00	-36.91	-6.12	3	Vertical	162	1.00	43.21	25.86	3.35	35.33
PK	5.96115G	50.24	74.00	-23.76	6.08	3	Vertical	28	1.52	44.16	34.02	7.32	35.26

Radiated Emissions above 1GHz_Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)
AV	1.15423G	24.56	54.00	-29.44	-6.47	3	Horizontal	341	1.04	31.03	26.06	3.09	35.62
AV	2.07577G	25.94	54.00	-28.06	-3.29	3	Horizontal	30	1.00	29.23	27.50	4.21	35.00
AV	5.68084G	32.13	54.00	-21.87	5.45	3	Horizontal	27	2.00	26.68	33.41	7.19	35.15
PK	1.15423G	37.73	74.00	-36.27	-6.47	3	Horizontal	341	1.04	44.20	26.06	3.09	35.62
PK	2.07577G	39.42	74.00	-34.58	-3.29	3	Horizontal	30	1.00	42.71	27.50	4.21	35.00
PK	5.68084G	52.35	74.00	-21.65	5.45	3	Horizontal	27	2.00	46.90	33.41	7.19	35.15