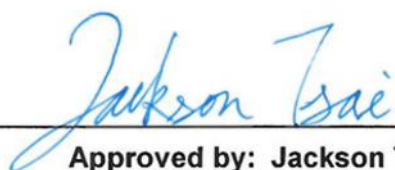


FCC Radio Test Report

FCC ID : UDX-600214010
Equipment : Cisco Wireless 9172I Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9172I
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 Aug. 29, 2024, and testing was started from Oct. 31, 2024 and completed on Dec. 05, 2024. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

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



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History of this test report

[illegible]



Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Maximum Conducted Output Power	PASS	-
3.2	15.407(a)	Peak Power Spectral Density	PASS	-
3.3	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:

None

Reviewed by: Ryan 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_1TX

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_2TX

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
5.725-5.85GHz	802.11be EHT160	160	2TX

Non-Beamforming_Radio 2_4TX

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11be EHT80	80	4TX
5.725-5.85GHz	802.11be EHT80	80	4TX
5.47-5.725GHz	802.11be EHT160	160	4TX

**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 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Sercomm	6172004VJHDB1H	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
2	Sercomm	6172004VJHDB2V	PIFA	I-Pex	2.4G	Radio1
					5G	Radio 2
3	Sercomm	6172004VJH561H	PIFA	I-Pex	5G/6G	Radio 2
4	Sercomm	6172004VJH562V	PIFA	I-Pex		
5	Sercomm	6172004VJHSC1V	PIFA	I-Pex	2.4G/5G/6G	Scan Radio 3 (RX)
6	Sercomm	6172004VJHSC2V	PIFA	I-Pex		
7	Sercomm	6172004VJHBLEV	PIFA	I-Pex	BT	Radio 4

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	3.78	3.45	2.71	4.22	3.86	-	-	-	-	-
2	2	4.06	3.44	3.37	4.88	4.62	-	-	-	-	-
3	3	-	5.26	5.46	5.47	4.92	6.23	5.81	5.59	5.80	-
4	4	-	4.03	5.09	4.08	4.73	4.68	3.89	3.74	4.66	-
5	1	2.4	2.87	2.96	3.08	2.71	3.61	3.17	4.38	3.32	-
6	2	2.3	3.24	3.56	3.46	3.18	3.96	4.12	3.98	4.08	-
7	1	-	-	-	-	-	-	-	-	-	2.23

Composite Gain (dBi)									
Wi-Fi Mode	2.4G	5G							
	Radio 1_2TX	Radio 2_2TX				Radio 2_4TX			
		UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-1	UNII-2A	UNII-2C	UNII-3
DG [1SS]	4.65	4.96	5.14	5.8	6.03	6.76	6.31	6.67	6.69
DG [2SS]	4.06	3.45	3.37	4.88	4.62	5.26	5.46	5.47	4.92
DG [4SS]	-	-	-	-	-	5.26	5.46	5.47	4.92

Composite Gain (dBi)				
6G Radio 2_2TX				
Wi-Fi Mode	UNII-5	UNII-6	UNII-7	UNII-8
DG [1SS]	6.84	7.04	6.2	6.56
DG [2SS]	6.23	5.81	5.59	5.8

Note 1: The EUT has seven 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 AP470202-01.

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/be mode (2RX) (Radio 3)

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

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/be mode (4TX/4RX) (Radio 2)

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

For IEEE 802.11 a/n/ac/ax/be mode (2RX) (Radio 3)

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX) (Radio 4)

Ant. 7 (port 1) could transmit/receive.

For 6GHz function:

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

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

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

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

For IEEE 802.11 ax mode (2RX) (Radio 3)

Ant. 5 (port 1) and Ant. 6 (port 2) could receive simultaneously.

1.1.3 MRU (static preamble puncturing)

RU-tone	MRU(static preamble puncturing)	Bandwidth(MHz)	5GHz Test CH						
		80	CH42	CH58	CH106	CH122	CH138	CH155	CH171
484+242	1		--	V	--	V	V	V	V
	2		V	V	V	V	V	V	V
	3		V	V	V	V	V	V	V
	4		V	--	V	V	--	V	--

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

1.1.4 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.

1.1.5 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR470202-01AO

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

Modifications	Performance Checking
to enable punctured transmission capability to 5GHz(NII) band by software.	Maximum Conducted Output Power Peak Power Spectral Density Unwanted Emissions above 1GHz was evaluated

1.1.6 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☐ Outdoor AP	☒	Indoor AP
	☐ Fixed P2P AP	☐	Client
Beamforming Function	☒ With beamforming	☐	Without beamforming
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:		

1.1.7 Mode Test Duty Cycle
Non-Beamforming_Radio 2_1TX

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
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	0.997	0.01	n/a (DC>=0.98)	n/a (DC>=0.98)

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

Non-Beamforming_Radio 2_2TX

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss1,(MCS0)_2TX	0.949	0.23	2.147m	500
802.11be EHT160_Nss1,(MCS0)_2TX	0.951	0.22	2.144m	500

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

Non-Beamforming_Radio 2_4TX

Mode	DC	DCF (dB)	T (s)	VBW (Hz) 1/T
802.11be EHT80_Nss1,(MCS0)_4TX	0.955	0.2	2.219m	500
802.11be EHT160_Nss1,(MCS0)_4TX	0.951	0.22	2.147m	500

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

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
RF Conducted	TH07-HY	Xun Hsieh	23.5~24.2°C / 52~55%	31/Oct/2024~05/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.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated (5G R2 1TX+2TX)	03CH25-HY	Rian Chung	19.4~19.7°C / 51~54%	27/Nov/2024~28/Nov/2024
Radiated (5G R2 4TX)	03CH25-HY	Rian Chung	20.1~20.8°C / 52~54%	01/Nov/2024~06/Nov/2024

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
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%
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
-----------------------	--------------------------------------

Non-Beamforming_Radio 2_1TX

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-
5530MHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-
5530MHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-
5530MHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-
5530MHz	21
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-
5610MHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-
5610MHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-
5610MHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-
5610MHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-
5690MHz Straddle 5.47-5.725GHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-
5690MHz Straddle 5.47-5.725GHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-
5690MHz Straddle 5.47-5.725GHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-
5690MHz Straddle 5.47-5.725GHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-
5690MHz Straddle 5.725-5.85GHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-
5690MHz Straddle 5.725-5.85GHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-
5690MHz Straddle 5.725-5.85GHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-
5690MHz Straddle 5.725-5.85GHz	20.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-
5775MHz	20
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-



5775MHz	20
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-
5775MHz	20
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-
5775MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_1TX	-
5570MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_1TX	-
5570MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_1TX	-
5570MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX	-
5570MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_1TX	-
5570MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	-
5570MHz	17
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	-
5570MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_1TX	-
5570MHz	20.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_1TX	-
5570MHz	20
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX	-
5570MHz	20
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX	-
5570MHz	16.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX	-
5570MHz	20

**Non-Beamforming_Radio 2_2TX**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5530MHz	18.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5530MHz	17.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5530MHz	18.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5530MHz	18.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5610MHz	18.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5610MHz	18.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5610MHz	18.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5610MHz	18.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5690MHz Straddle 5.47-5.725GHz	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 3_2TX	-
5690MHz Straddle 5.47-5.725GHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5690MHz Straddle 5.47-5.725GHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5690MHz Straddle 5.725-5.85GHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5690MHz Straddle 5.725-5.85GHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5690MHz Straddle 5.725-5.85GHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5690MHz Straddle 5.725-5.85GHz	19
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-
5775MHz	20
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-
5775MHz	19.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-
5775MHz	20
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-
5775MHz	20
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-



5570MHz	18.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-
5570MHz	18.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-
5570MHz	18.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-
5570MHz	18.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-
5570MHz	18.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-
5570MHz	18.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-
5570MHz	13.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-
5570MHz	19
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-
5570MHz	18
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-
5570MHz	13
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-
5570MHz	18
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-
5570MHz	18

**Non-Beamforming_Radio 2_4TX**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5610MHz	14.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5690MHz Straddle 5.47-5.725GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5690MHz Straddle 5.47-5.725GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5690MHz Straddle 5.47-5.725GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5690MHz Straddle 5.47-5.725GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5690MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5690MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5690MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-
5690MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-



5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-
5570MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-
5570MHz	16
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-
5570MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-
5570MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5570MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-
5570MHz	15.5

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	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		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (R2-4TX)	V (R2-2TX)	V (R2-1TX)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	CTX
1	Radio 1:WLAN 2.4G (2*2) + Radio 2: WLAN 5G (2*2) + Radio 2: WLAN 6G (2*2) + Bluetooth
Refer to Sporton Test Report No.: FA470202-04 for Co-location RF Exposure Evaluation.	

2.3 Accessories

Accessories				
Wall Mount	Brand Name	CISCO	Model Name	69-2160-04
Ceiling	Brand Name	CISCO	Model Name	800-26066-03

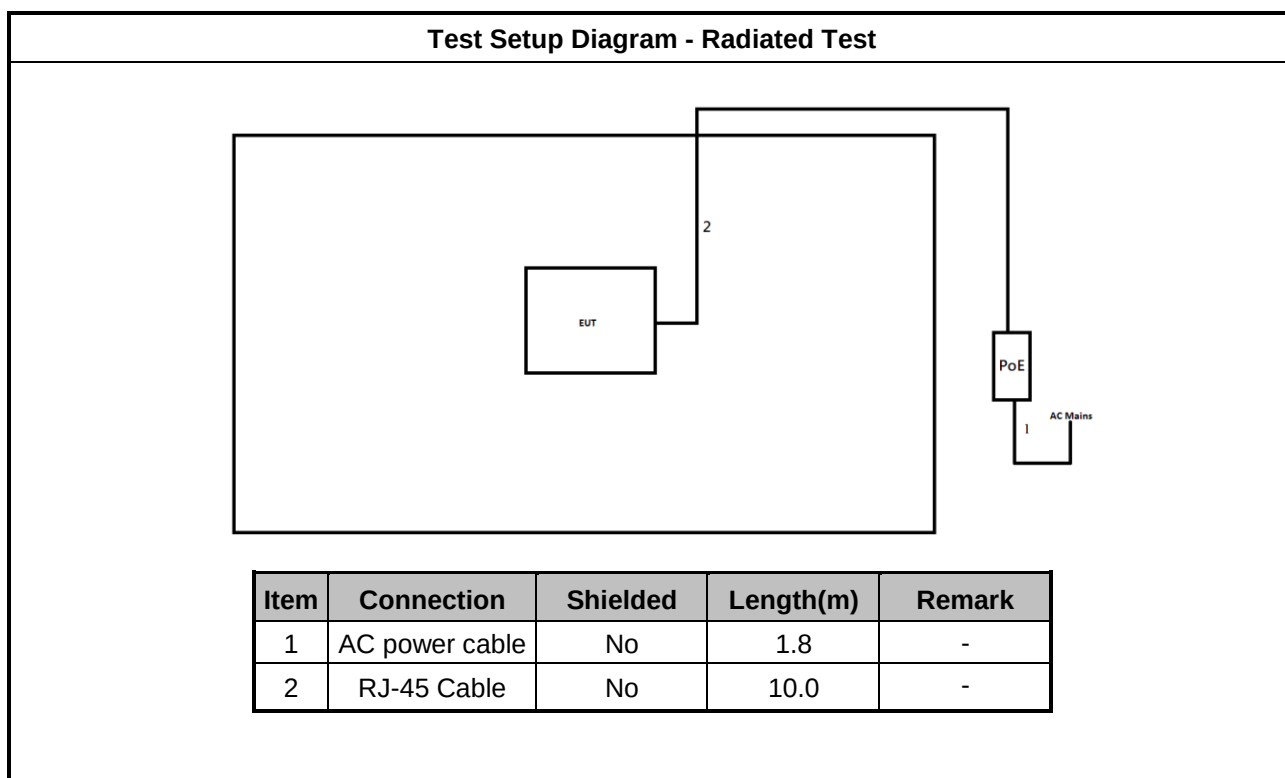
Reminder: Regarding to more detail and other information, please refer to user manual.

2.4 Support Equipment

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	Microsemi	PD-9001GR/AT/AC	-	Provided by Customer

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	PoE	PHIHONG	POE29U-1AT(PL)	-	Provided by Customer
2	AC power cable	Power sync	PW-GPC180-3	-	-
3	RJ-45 Cable	Power sync	CAT-6E-10	-	-

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 Maximum Conducted Output Power

3.1.1 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.	

3.1.2 Measuring Instruments

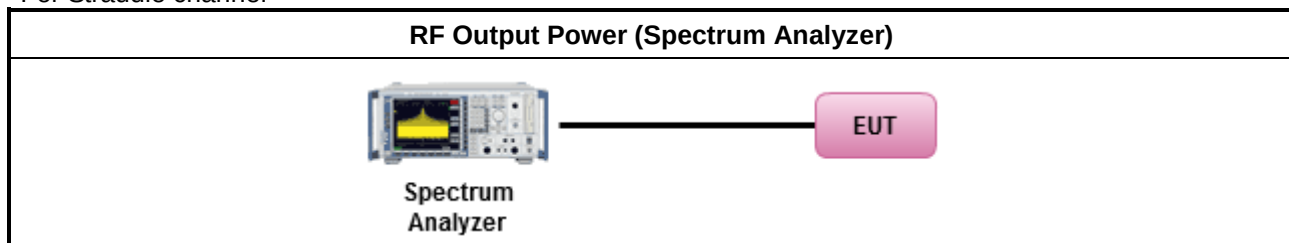
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

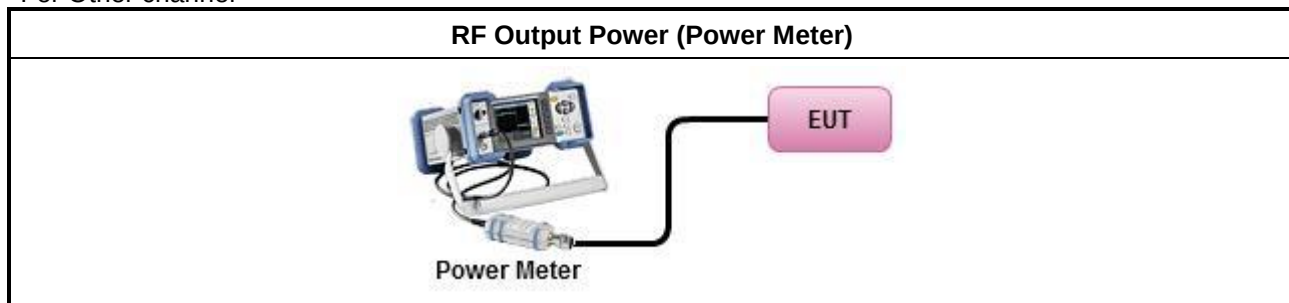
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

3.1.4 Test Setup

For Straddle channel



For Other channel



3.1.5 Test Result of Maximum Conducted Output Power

Refer as Appendix A

3.2 Peak Power Spectral Density

3.2.1 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.	

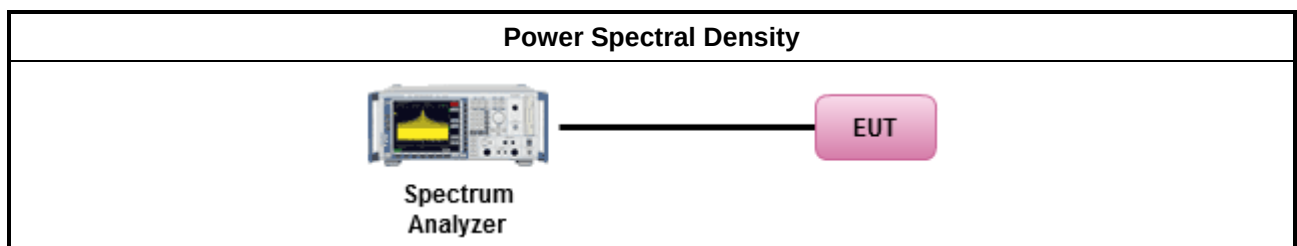
3.2.2 Measuring Instruments

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

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

3.2.4 Test Setup



3.2.5 Test Result of Peak Power Spectral Density

Refer as Appendix B

3.3 Unwanted Emissions

3.3.1 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).

3.3.2 Measuring Instruments

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

3.3.3 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.

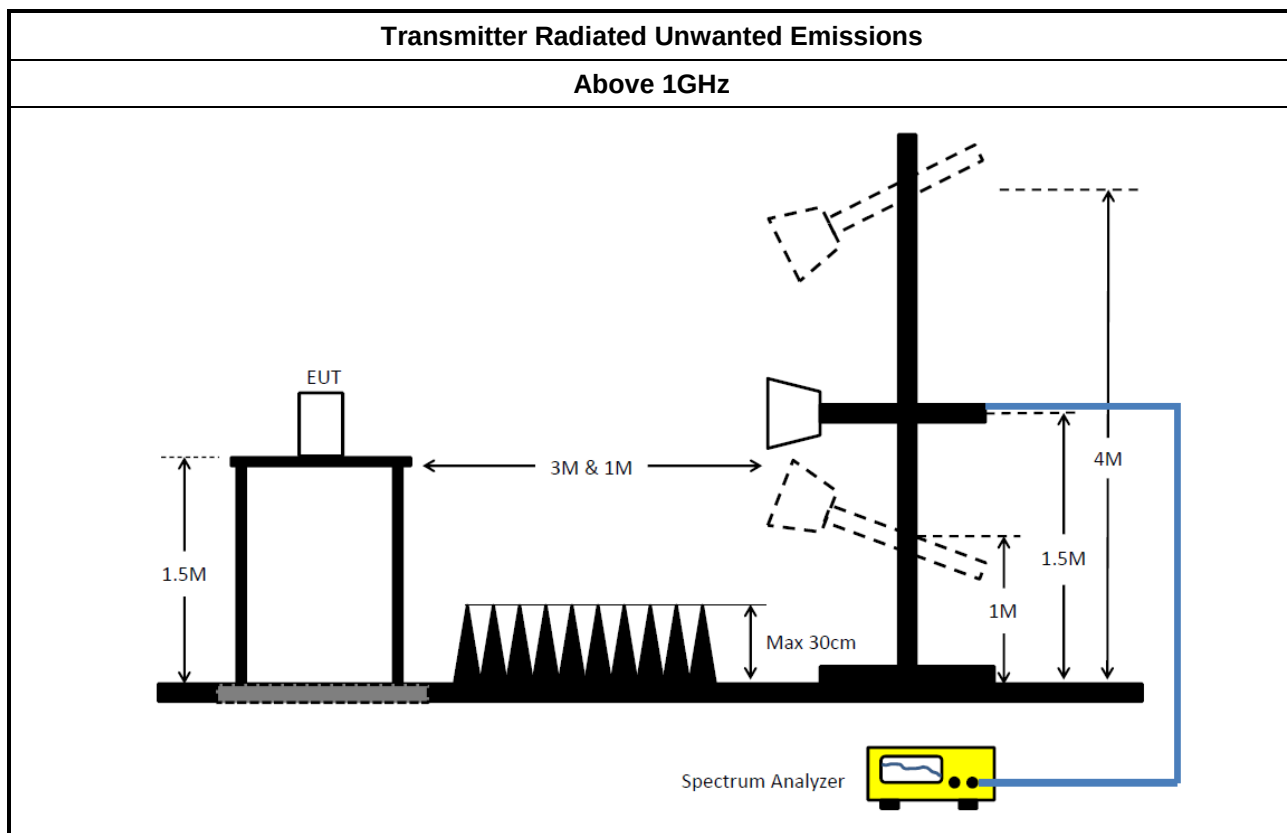
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber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

3.3.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.3.5 Test Setup



3.3.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix C

4 Test Equipment and Calibration Data

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	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
SENSE-15407_NII	Sporton	V5.11.20	N/A	N/A	N/A	N/A

Instrument for Radiated Test_03CH25-HY

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH25-HY	1GHz~18GHz 3m	08/Aug/2024	07/Aug/2025
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	17/Nov/2023	16/Nov/2024
Signal Analyzer	ROHDE&SCHWARZ	FSV3044	101410	10Hz~44GHz	18/Nov/2024	17/Nov/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02876	1GHz~18GHz	11/Jul/2024	10/Jul/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170154	18GHz~40GHz	04/Jun/2024	03/Jun/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	CB007	1GHz~40GHz	23/Apr/2024	22/Apr/2025
Preamplifier	SGH	PRAMP 903	20230515-1	25MHz~3GHz	24/May/2024	23/May/2025
Preamplifier	SGH	PRAMP 118-H	20230515-3	1GHz~18GHz	24/May/2024	23/May/2025
Preamplifier	EMCI	EM01G18G	060940	1GHz~18GHz	22/Oct/2024	21/Oct/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~ 40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407-NII	Sporton	V5.11.20	NA	NA	NA	NA



Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX	20.99	0.12560	25.21	0.33189
802.11be EHT160_Nss1,(MCS0)_1TX	20.81	0.12050	25.03	0.31842
5.725-5.85GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0)_1TX	9.33	0.00857	13.19	0.02084

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5530MHz	Pass	4.22	20.70	20.70	23.98	24.92	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5530MHz	Pass	4.22	19.06	19.06	23.98	23.28	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5530MHz	Pass	4.22	20.48	20.48	23.98	24.70	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5530MHz	Pass	4.22	20.77	20.77	23.98	24.99	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5610MHz	Pass	4.22	20.86	20.86	23.98	25.08	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5610MHz	Pass	4.22	19.28	19.28	23.98	23.50	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5610MHz	Pass	4.22	20.66	20.66	23.98	24.88	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5610MHz	Pass	4.22	20.67	20.67	23.98	24.89	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.22	20.40	20.40	23.98	24.62	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.22	20.60	20.60	23.98	24.82	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.22	20.70	20.70	23.98	24.92	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.22	20.99	20.99	23.98	25.21	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	3.86	9.29	9.29	30.00	13.15	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	3.86	9.32	9.32	30.00	13.18	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	3.86	9.33	9.33	30.00	13.19	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	3.86	-24.09	-24.09	30.00	-20.23	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.79	20.79	23.98	25.01	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.71	20.71	23.98	24.93	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.70	20.70	23.98	24.92	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.68	20.68	23.98	24.90	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.81	20.81	23.98	25.03	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	17.10	17.10	23.98	21.32	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.64	20.64	23.98	24.86	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.66	20.66	23.98	24.88	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.55	20.55	23.98	24.77	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	20.26	20.26	23.98	24.48	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	16.62	16.62	23.98	20.84	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX	-	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio 2_1T1S

Appendix A.1

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5570MHz	Pass	4.22	20.17	20.17	23.98	24.39	30.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	22.60	0.18197	27.48	0.55976
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	22.32	0.17061	27.20	0.52481
5.725-5.85GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	11.02	0.01265	15.64	0.03664

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5530MHz	Pass	4.88	18.51	19.00	21.77	23.98	26.65	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5530MHz	Pass	4.88	17.43	17.65	20.55	23.98	25.43	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5530MHz	Pass	4.88	18.34	18.70	21.53	23.98	26.41	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5530MHz	Pass	4.88	18.28	18.66	21.48	23.98	26.36	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5610MHz	Pass	4.88	18.76	18.79	21.79	23.98	26.67	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5610MHz	Pass	4.88	18.59	18.59	21.60	23.98	26.48	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5610MHz	Pass	4.88	18.53	18.71	21.63	23.98	26.51	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5610MHz	Pass	4.88	18.60	18.79	21.71	23.98	26.59	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.88	18.98	19.16	22.08	23.98	26.96	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.88	18.91	19.22	22.08	23.98	26.96	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.88	19.04	19.38	22.22	23.98	27.10	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.88	19.50	19.67	22.60	23.98	27.48	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.62	7.76	8.25	11.02	30.00	15.64	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.62	7.72	8.15	10.95	30.00	15.57	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.62	7.75	8.25	11.02	30.00	15.64	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.62	-27.31	-25.01	-23.00	30.00	-18.38	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	18.69	19.05	21.88	23.98	26.76	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	18.63	19.04	21.85	23.98	26.73	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	18.63	18.93	21.79	23.98	26.67	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	18.62	18.90	21.77	23.98	26.65	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	18.52	18.95	21.75	23.98	26.63	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	18.60	18.89	21.76	23.98	26.64	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	13.86	14.13	17.01	23.98	21.89	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	19.15	19.46	22.32	23.98	27.20	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	18.35	18.56	21.47	23.98	26.35	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	13.53	13.72	16.64	23.98	21.52	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	4.88	18.00	18.37	21.20	23.98	26.08	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio 2_2T1S

Appendix A.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5570MHz	Pass	4.88	17.99	18.44	21.23	23.98	26.11	30.00

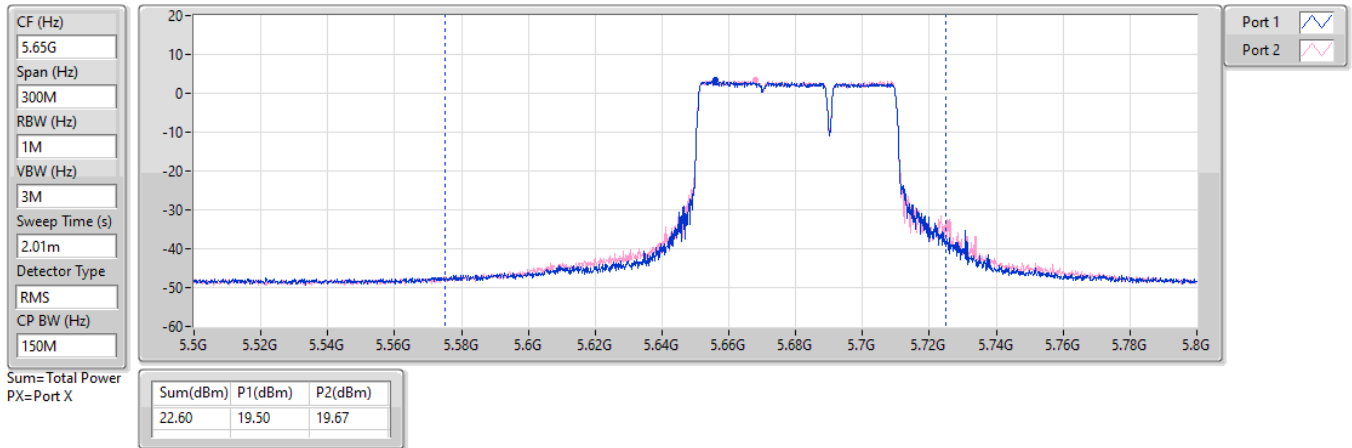
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

20/11/2024

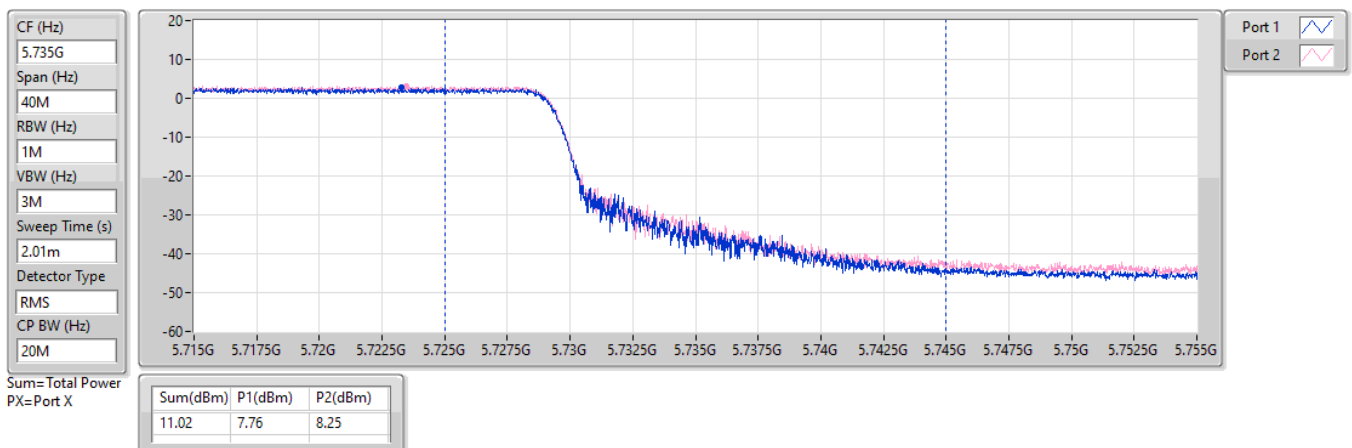


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

20/11/2024



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	22.41	0.17418	27.88	0.61376
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	22.12	0.16293	27.59	0.57412
5.725-5.85GHz	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	10.74	0.01186	15.66	0.03681

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.47	15.15	15.25	14.87	14.77	21.04	23.98	26.51	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.47	15.16	15.23	14.94	14.79	21.05	23.98	26.52	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.47	14.91	14.97	14.96	14.85	20.94	23.98	26.41	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.47	14.84	14.90	15.03	14.96	20.95	23.98	26.42	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.47	14.74	14.79	14.87	14.38	20.72	23.98	26.19	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.47	15.16	15.06	15.16	14.82	21.07	23.98	26.54	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.47	15.15	15.20	15.14	14.74	21.08	23.98	26.55	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	5.47	15.16	15.26	15.05	14.67	21.06	23.98	26.53	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.47	15.72	16.04	15.96	16.36	22.05	23.98	27.52	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.47	15.75	16.13	15.86	16.09	21.98	23.98	27.45	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.47	15.93	16.22	15.93	16.08	22.06	23.98	27.53	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.47	16.32	16.66	16.19	16.37	22.41	23.98	27.88	30.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.92	4.50	4.89	4.48	4.99	10.74	30.00	15.66	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.92	4.38	4.78	4.40	4.79	10.61	30.00	15.53	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.92	4.50	4.78	4.27	4.73	10.60	30.00	15.52	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	4.92	-32.69	-32.49	-33.01	-32.53	-26.65	30.00	-21.73	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	16.07	16.17	16.05	15.62	22.00	23.98	27.47	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.98	16.18	16.12	15.71	22.02	23.98	27.49	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.94	16.07	16.13	15.73	21.99	23.98	27.46	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.98	16.08	16.17	15.83	22.04	23.98	27.51	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	16.01	16.22	16.24	15.92	22.12	23.98	27.59	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.91	16.02	16.19	15.77	22.00	23.98	27.47	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.76	15.76	15.70	15.44	21.69	23.98	27.16	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.83	16.13	16.03	15.81	21.97	23.98	27.44	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.82	15.91	15.47	15.07	21.60	23.98	27.07	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.74	15.76	15.59	15.24	21.61	23.98	27.08	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	5.47	15.57	15.56	15.60	15.43	21.56	23.98	27.03	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-	-	-



Average Power_Non-Beamforming_Radio 2_4T1S

Appendix A.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5570MHz	Pass	5.47	15.54	15.72	15.63	15.40	21.59	23.98	27.06	30.00

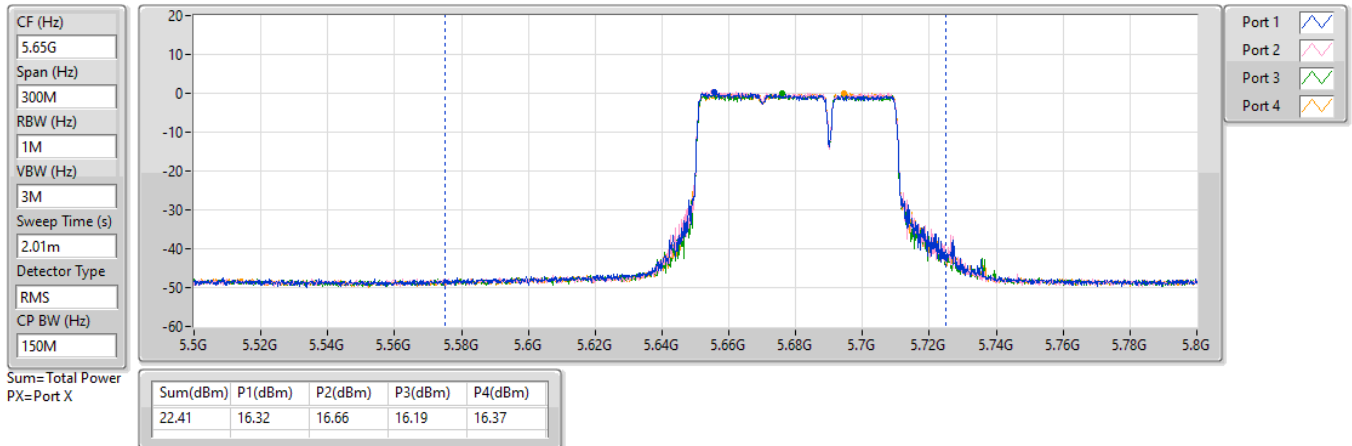
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

31/10/2024

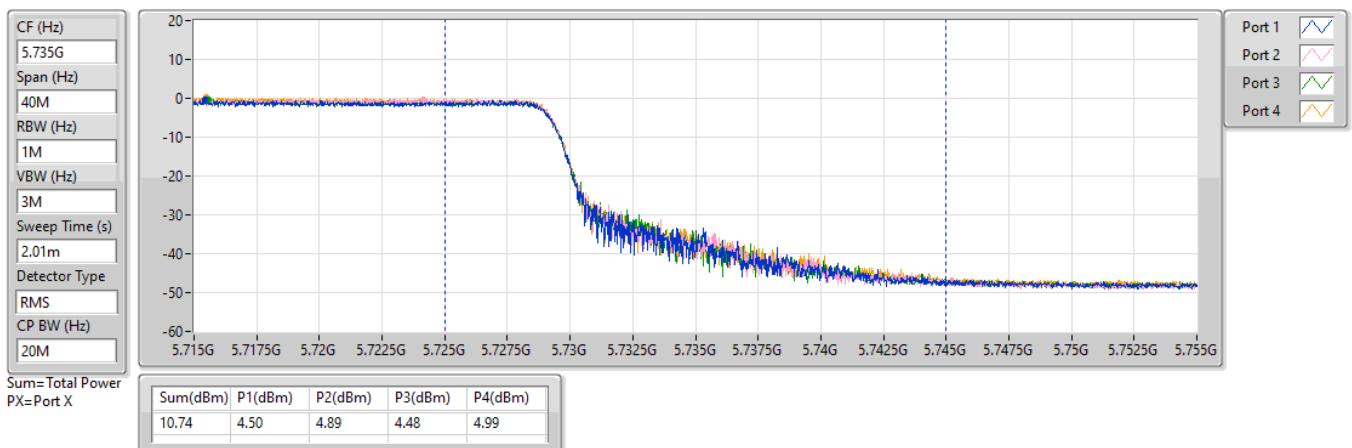


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

31/10/2024





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	2.63	6.85
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX	-1.08	3.14
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	0.46	4.32

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5530MHz	Pass	4.22	2.31	2.31	11.00	6.53	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5530MHz	Pass	4.22	0.72	0.72	11.00	4.94	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5530MHz	Pass	4.22	2.26	2.26	11.00	6.48	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5530MHz	Pass	4.22	2.45	2.45	11.00	6.67	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5610MHz	Pass	4.22	2.47	2.47	11.00	6.69	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5610MHz	Pass	4.22	1.00	1.00	11.00	5.22	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5610MHz	Pass	4.22	2.33	2.33	11.00	6.55	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5610MHz	Pass	4.22	2.25	2.25	11.00	6.47	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.22	2.24	2.24	11.00	6.46	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.22	2.61	2.61	11.00	6.83	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.22	2.63	2.63	11.00	6.85	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	4.22	2.63	2.63	11.00	6.85	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	3.86	0.46	0.46	30.00	4.32	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	3.86	0.32	0.32	30.00	4.18	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	3.86	0.38	0.38	30.00	4.24	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	3.86	-35.78	-35.78	30.00	-31.92	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.34	-1.34	11.00	2.88	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.36	-1.36	11.00	2.86	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.32	-1.32	11.00	2.90	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.29	-1.29	11.00	2.93	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.25	-1.25	11.00	2.97	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-4.80	-4.80	11.00	-0.58	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.39	-1.39	11.00	2.83	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.44	-1.44	11.00	2.78	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.11	-1.11	11.00	3.11	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-1.08	-1.08	11.00	3.14	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX	-	-	-	-	-	-	-
5570MHz	Pass	4.22	-4.60	-4.60	11.00	-0.38	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_1TX	-	-	-	-	-	-	-



PSD_Non-Beamforming_Radio 2_1T1S

Appendix B.1

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5570MHz	Pass	4.22	-1.26	-1.26	11.00	2.96	17.00

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

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

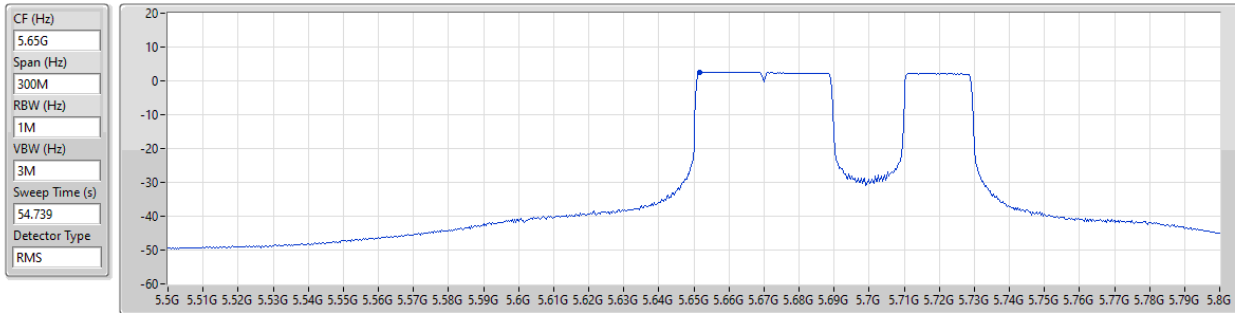
Inf = There's no restriction for the limit.

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

PSD

5690MHz Straddle 5.47-5.725GHz

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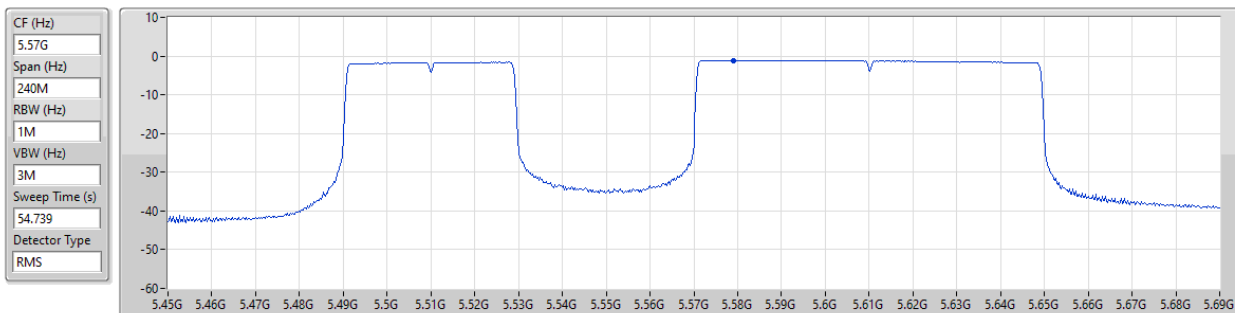
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.63	2.63	2.63

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX

PSD

5570MHz

20/11/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.08	-1.08	-1.08

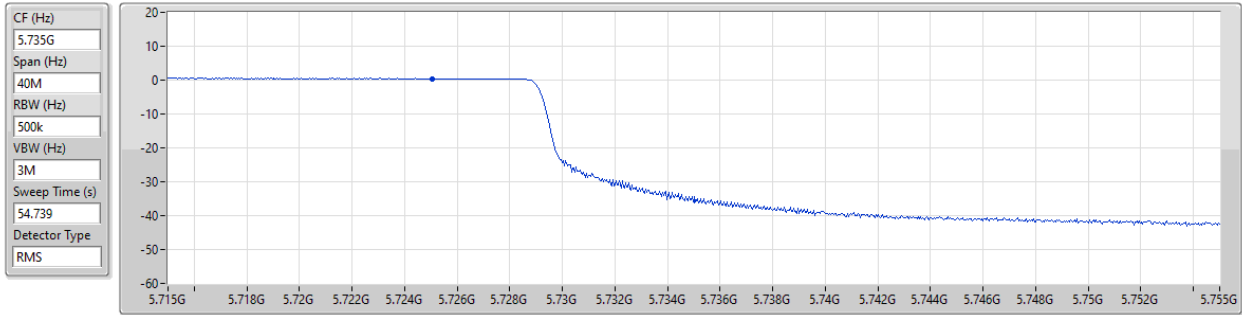


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

20/11/2024





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	4.16	9.96
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	0.25	6.05
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	2.16	8.19

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.80	0.02	0.26	3.14	11.00	8.94	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.80	-0.79	-0.61	2.31	11.00	8.11	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.80	-0.07	0.25	3.10	11.00	8.90	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.80	-0.28	0.10	2.91	11.00	8.71	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.80	0.18	0.39	3.30	11.00	9.10	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.80	0.16	0.30	3.22	11.00	9.02	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.80	0.05	0.30	3.17	11.00	8.97	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5610MHz	Pass	5.80	-0.00	0.26	3.14	11.00	8.94	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	0.77	0.99	3.89	11.00	9.69	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	0.92	1.26	4.10	11.00	9.90	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	1.03	1.29	4.16	11.00	9.96	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.80	1.00	1.29	4.15	11.00	9.95	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	6.03	-1.06	-0.61	2.14	29.97	8.17	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	6.03	-1.09	-0.67	2.09	29.97	8.12	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	6.03	-1.10	-0.58	2.16	29.97	8.19	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	6.03	-38.58	-36.70	-35.24	29.97	-29.21	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-3.33	-2.98	-0.18	11.00	5.62	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-3.35	-2.92	-0.15	11.00	5.65	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-3.30	-2.93	-0.11	11.00	5.69	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-3.25	-3.00	-0.13	11.00	5.67	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-3.31	-2.92	-0.12	11.00	5.68	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-3.34	-2.92	-0.15	11.00	5.65	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-8.03	-7.80	-4.95	11.00	0.85	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-2.90	-2.58	0.25	11.00	6.05	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-3.17	-2.90	-0.06	11.00	5.74	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-7.69	-7.48	-4.61	11.00	1.19	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.80	-3.24	-2.91	-0.08	11.00	5.72	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_2TX	-	-	-	-	-	-	-	-



PSD_Non-Beamforming_Radio 2_2T1S

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5570MHz	Pass	5.80	-3.31	-2.96	-0.14	11.00	5.66	17.00

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

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

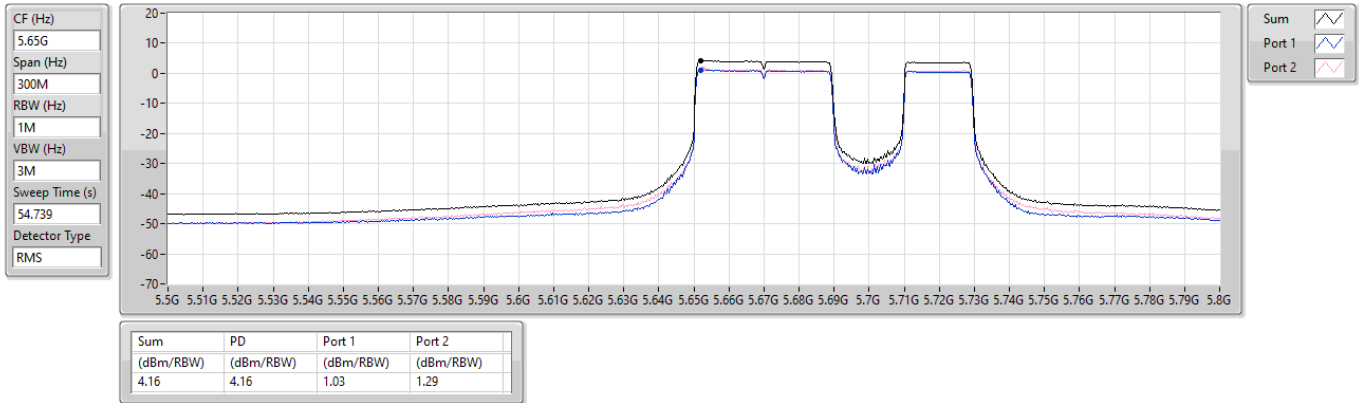
Inf = There's no restriction for the limit.

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

PSD

5690MHz Straddle 5.47-5.725GHz

20/11/2024

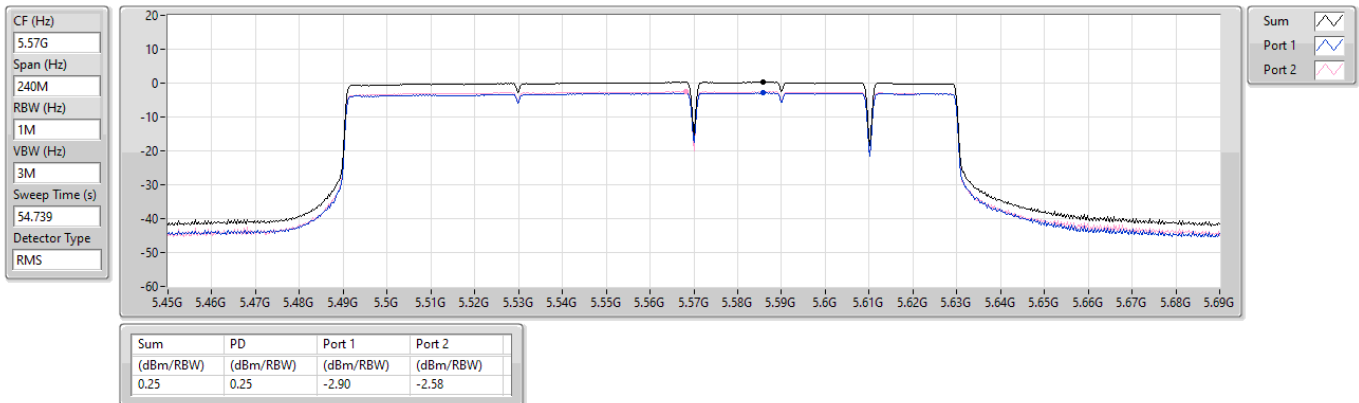


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_2TX

PSD

5570MHz

20/11/2024



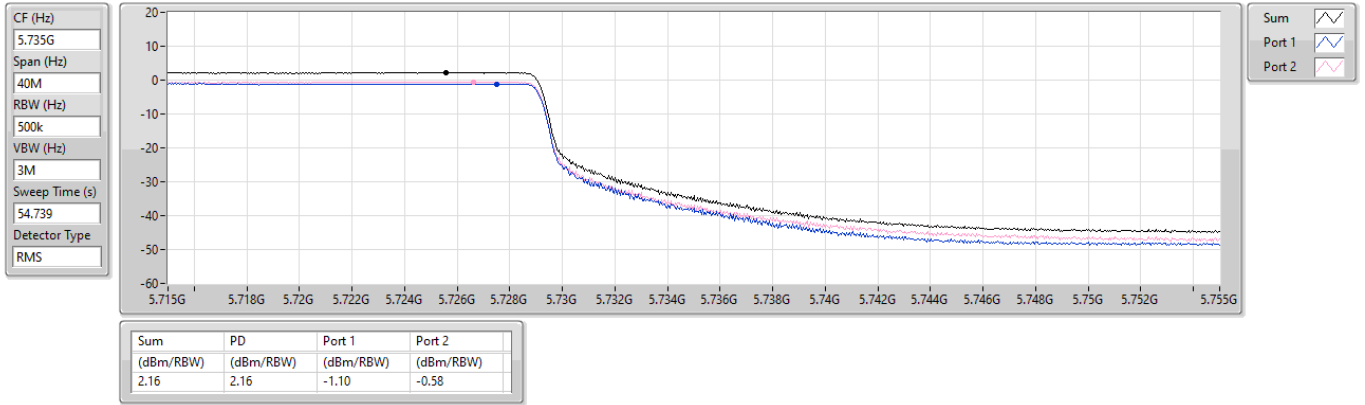


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

20/11/2024





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.47-5.725GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	3.88	10.55
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	0.24	6.91
5.725-5.85GHz	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	1.90	8.59

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	6.67	-2.88	-2.88	-3.12	-3.29	2.66	10.33	9.33	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	6.67	-2.92	-2.88	-3.12	-3.04	2.66	10.33	9.33	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	6.67	-2.98	-2.94	-3.07	-3.11	2.61	10.33	9.28	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	6.67	-3.33	-3.14	-3.06	-3.11	2.59	10.33	9.26	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	6.67	-3.42	-3.26	-3.09	-3.54	2.47	10.33	9.14	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	6.67	-2.90	-2.79	-2.82	-3.12	2.83	10.33	9.50	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	6.67	-2.91	-2.79	-2.65	-3.03	2.90	10.33	9.57	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	6.67	-2.89	-2.77	-2.90	-3.39	2.81	10.33	9.48	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.67	-2.31	-2.19	-1.98	-1.86	3.84	10.33	10.51	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.67	-2.07	-1.86	-2.25	-2.06	3.85	10.33	10.52	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.67	-1.97	-1.86	-2.09	-2.10	3.87	10.33	10.54	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.67	-1.94	-1.73	-2.18	-2.11	3.88	10.33	10.55	17.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	6.69	-4.24	-3.89	-4.32	-3.78	1.90	29.31	8.59	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	6.69	-4.42	-4.04	-4.42	-4.03	1.75	29.31	8.44	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	6.69	-4.30	-4.02	-4.56	-4.07	1.73	29.31	8.42	36.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.85GHz	Pass	6.69	-43.12	-41.91	-43.04	-42.83	-37.79	29.31	-31.10	36.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.67	-5.53	-5.58	-6.00	0.05	10.33	6.72	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.72	-5.46	-5.49	-5.81	0.08	10.33	6.75	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.73	-5.54	-5.56	-5.85	0.04	10.33	6.71	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.67	-5.54	-5.53	-5.75	0.08	10.33	6.75	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 5_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.75	-5.55	-5.54	-5.77	0.10	10.33	6.77	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.75	-5.58	-5.52	-5.87	0.02	10.33	6.69	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.90	-5.93	-5.91	-6.11	-0.29	10.33	6.38	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 8_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.90	-5.63	-5.56	-5.81	-0.02	10.33	6.65	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 1_4TX	-	-	-	-	-	-	-	-	-	-



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5570MHz	Pass	6.67	-5.35	-5.21	-5.55	-6.01	0.23	10.33	6.90	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.41	-5.24	-5.53	-5.75	0.24	10.33	6.91	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.47	-5.51	-5.50	-5.65	0.21	10.33	6.88	17.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	6.67	-5.66	-5.52	-5.52	-5.66	0.06	10.33	6.73	17.00

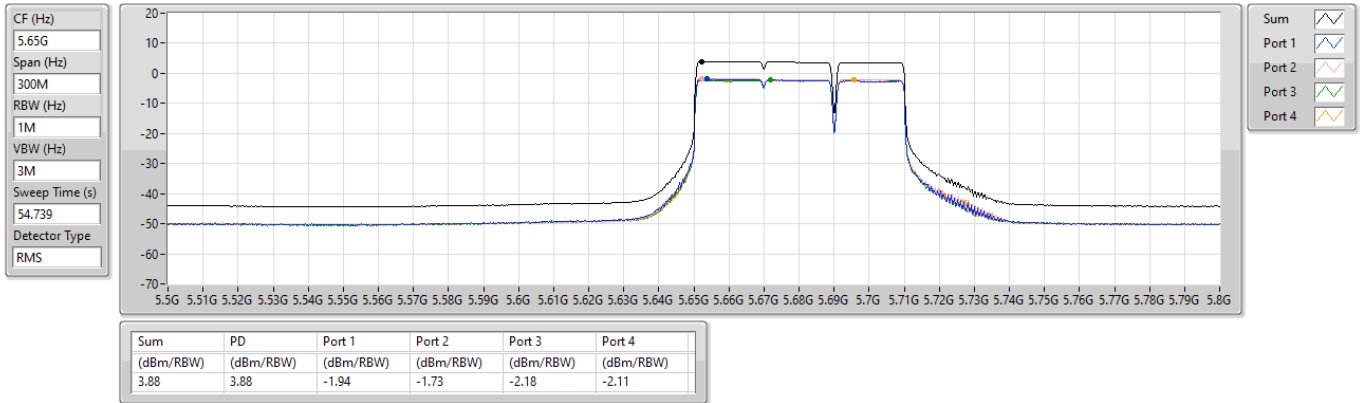
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP_4_TX

PSD

5690MHz Straddle 5.47-5.725GHz

31/10/2024

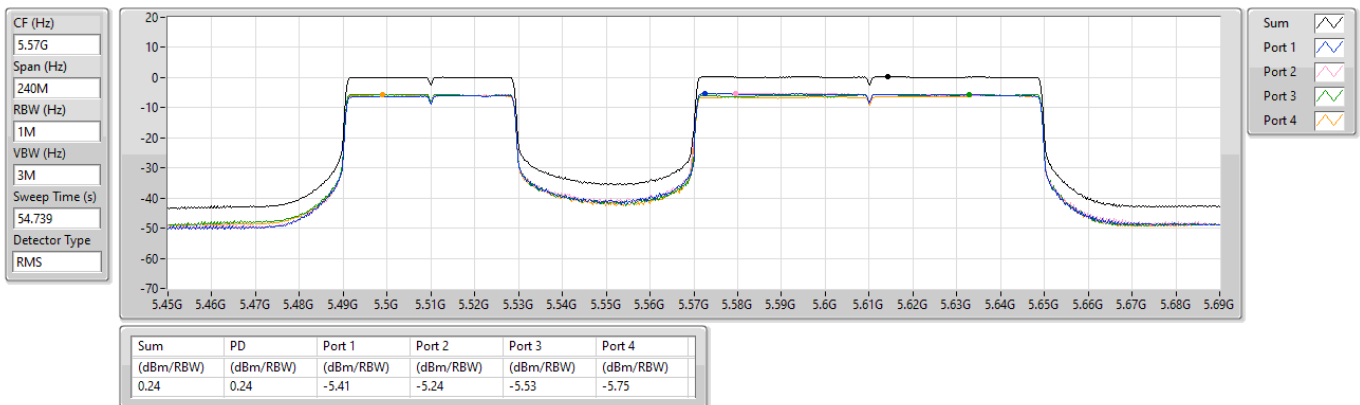


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP_2_TX

PSD

5570MHz

31/10/2024

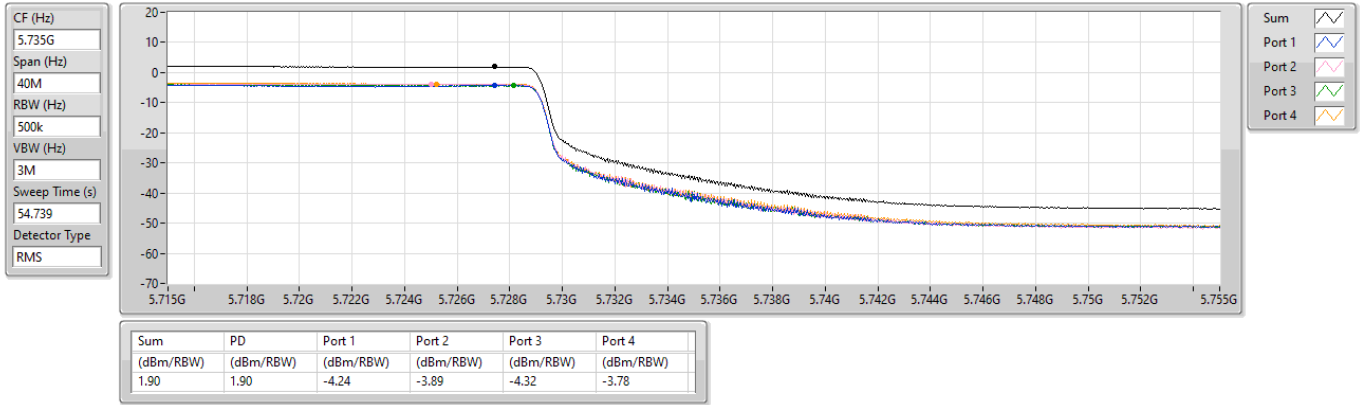


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

31/10/2024



**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 2_1TX	Pass	PK	5.466G	67.75	68.20	-0.45	3	Horizontal	333	1.01
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	Pass	PK	5.4632G	67.41	68.20	-0.79	3	Horizontal	334	1.03

Result

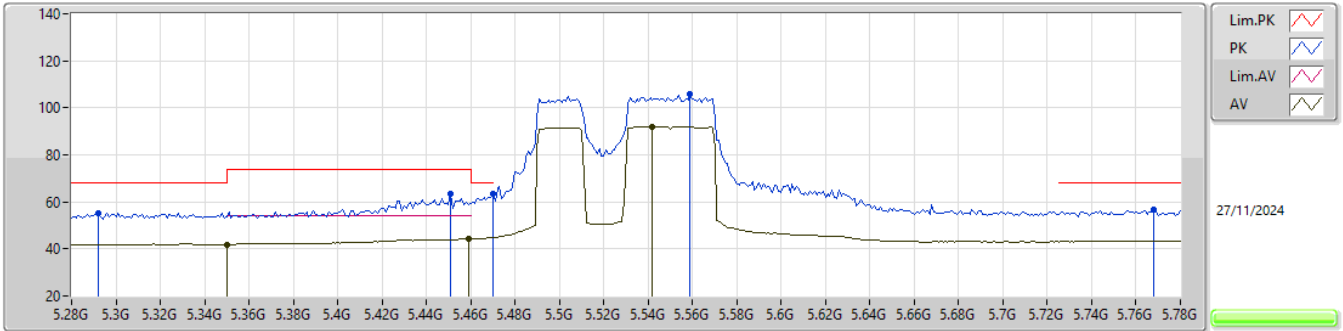
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.35G	41.91	54.00	-12.09	3	Vertical	308	2.49
5530MHz	Pass	AV	5.459G	44.15	54.00	-9.85	3	Vertical	308	2.49
5530MHz	Pass	AV	5.542G	92.15	Inf	-Inf	3	Vertical	308	2.49
5530MHz	Pass	PK	5.292G	55.25	68.20	-12.95	3	Vertical	308	2.49
5530MHz	Pass	PK	5.451G	63.19	74.00	-10.81	3	Vertical	308	2.49
5530MHz	Pass	PK	5.47G	63.62	68.20	-4.58	3	Vertical	308	2.49
5530MHz	Pass	PK	5.559G	105.64	Inf	-Inf	3	Vertical	308	2.49
5530MHz	Pass	PK	5.768G	56.84	68.20	-11.36	3	Vertical	308	2.49
5530MHz	Pass	AV	5.35G	42.51	54.00	-11.49	3	Horizontal	333	1.01
5530MHz	Pass	AV	5.46G	46.16	54.00	-7.84	3	Horizontal	333	1.01
5530MHz	Pass	AV	5.559G	96.21	Inf	-Inf	3	Horizontal	333	1.01
5530MHz	Pass	PK	5.343G	56.19	68.20	-12.01	3	Horizontal	333	1.01
5530MHz	Pass	PK	5.442G	66.21	74.00	-7.79	3	Horizontal	333	1.01
5530MHz	Pass	PK	5.466G	67.75	68.20	-0.45	3	Horizontal	333	1.01
5530MHz	Pass	PK	5.565G	109.26	Inf	-Inf	3	Horizontal	333	1.01
5530MHz	Pass	PK	5.743G	57.91	68.20	-10.29	3	Horizontal	333	1.01
5530MHz	Pass	AV	11.05232G	35.22	54.00	-18.78	3	Vertical	249	1.50
5530MHz	Pass	PK	11.0574G	48.42	74.00	-25.58	3	Vertical	249	1.50
5530MHz	Pass	AV	11.05164G	35.21	54.00	-18.79	3	Horizontal	84	1.02
5530MHz	Pass	PK	11.06832G	49.49	74.00	-24.51	3	Horizontal	84	1.02
5610MHz	Pass	AV	5.46G	43.00	54.00	-11.00	3	Vertical	36	2.80
5610MHz	Pass	AV	5.584G	92.64	Inf	-Inf	3	Vertical	36	2.80
5610MHz	Pass	PK	5.459G	57.74	74.00	-16.26	3	Vertical	36	2.80
5610MHz	Pass	PK	5.468G	60.63	68.20	-7.57	3	Vertical	36	2.80
5610MHz	Pass	PK	5.633G	106.08	Inf	-Inf	3	Vertical	36	2.80
5610MHz	Pass	PK	5.749G	64.91	68.20	-3.29	3	Vertical	36	2.80
5610MHz	Pass	AV	5.46G	43.56	54.00	-10.44	3	Horizontal	331	1.00
5610MHz	Pass	AV	5.588G	96.22	Inf	-Inf	3	Horizontal	331	1.00
5610MHz	Pass	PK	5.456G	59.71	74.00	-14.29	3	Horizontal	331	1.00
5610MHz	Pass	PK	5.469G	63.00	68.20	-5.20	3	Horizontal	331	1.00
5610MHz	Pass	PK	5.581G	110.27	Inf	-Inf	3	Horizontal	331	1.00
5610MHz	Pass	PK	5.727G	67.01	68.20	-1.19	3	Horizontal	331	1.00
5610MHz	Pass	AV	11.22904G	35.53	54.00	-18.47	3	Vertical	171	1.50
5610MHz	Pass	PK	11.2202G	49.06	74.00	-24.94	3	Vertical	171	1.50
5610MHz	Pass	AV	11.22944G	35.58	54.00	-18.42	3	Horizontal	210	1.50
5610MHz	Pass	PK	11.22504G	48.70	74.00	-25.30	3	Horizontal	210	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4032G	42.40	54.00	-11.60	3	Vertical	35	2.76
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.708G	95.24	Inf	-Inf	3	Vertical	35	2.76
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4236G	56.15	74.00	-17.85	3	Vertical	35	2.76
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	55.89	68.20	-12.31	3	Vertical	35	2.76
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.7008G	108.73	Inf	-Inf	3	Vertical	35	2.76
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8508G	57.58	68.20	-10.62	3	Vertical	35	2.76
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4596G	42.39	54.00	-11.61	3	Horizontal	312	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.66G	96.74	Inf	-Inf	3	Horizontal	312	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.42G	56.24	74.00	-17.76	3	Horizontal	312	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4692G	55.87	68.20	-12.33	3	Horizontal	312	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6636G	110.17	Inf	-Inf	3	Horizontal	312	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	58.34	68.20	-9.86	3	Horizontal	312	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.37056G	36.16	54.00	-17.84	3	Vertical	21	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37388G	49.11	74.00	-24.89	3	Vertical	21	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3754G	36.15	54.00	-17.85	3	Horizontal	314	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38632G	49.31	74.00	-24.69	3	Horizontal	314	1.50
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4164G	43.59	54.00	-10.41	3	Vertical	309	1.66
5570MHz	Pass	AV	5.5412G	86.49	Inf	-Inf	3	Vertical	309	1.66
5570MHz	Pass	PK	5.3492G	57.93	68.20	-10.27	3	Vertical	309	1.66
5570MHz	Pass	PK	5.4584G	65.67	74.00	-8.33	3	Vertical	309	1.66
5570MHz	Pass	PK	5.4632G	63.93	68.20	-4.27	3	Vertical	309	1.66
5570MHz	Pass	PK	5.5856G	100.07	Inf	-Inf	3	Vertical	309	1.66
5570MHz	Pass	PK	5.7272G	60.82	68.20	-7.38	3	Vertical	309	1.66



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	AV	5.4284G	44.58	54.00	-9.42	3	Horizontal	334	1.03
5570MHz	Pass	AV	5.5664G	90.44	Inf	-Inf	3	Horizontal	334	1.03
5570MHz	Pass	PK	5.3372G	58.64	68.20	-9.56	3	Horizontal	334	1.03
5570MHz	Pass	PK	5.4584G	66.99	74.00	-7.01	3	Horizontal	334	1.03
5570MHz	Pass	PK	5.4632G	67.41	68.20	-0.79	3	Horizontal	334	1.03
5570MHz	Pass	PK	5.558G	103.86	Inf	-Inf	3	Horizontal	334	1.03
5570MHz	Pass	PK	5.726G	67.38	68.20	-0.82	3	Horizontal	334	1.03
5570MHz	Pass	AV	11.14928G	35.04	54.00	-18.96	3	Vertical	349	1.50
5570MHz	Pass	PK	11.13604G	49.14	74.00	-24.86	3	Vertical	349	1.50
5570MHz	Pass	AV	11.14956G	35.08	54.00	-18.92	3	Horizontal	242	2.95
5570MHz	Pass	PK	11.146G	48.46	74.00	-25.54	3	Horizontal	242	2.95
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.414G	43.52	54.00	-10.48	3	Vertical	308	1.65
5570MHz	Pass	AV	5.5388G	86.53	Inf	-Inf	3	Vertical	308	1.65
5570MHz	Pass	PK	5.35G	58.08	74.00	-15.92	3	Vertical	308	1.65
5570MHz	Pass	PK	5.456G	61.97	74.00	-12.03	3	Vertical	308	1.65
5570MHz	Pass	PK	5.4656G	61.27	68.20	-6.93	3	Vertical	308	1.65
5570MHz	Pass	PK	5.54G	99.80	Inf	-Inf	3	Vertical	308	1.65
5570MHz	Pass	PK	5.7284G	60.16	68.20	-8.04	3	Vertical	308	1.65
5570MHz	Pass	AV	5.4128G	44.78	54.00	-9.22	3	Horizontal	334	1.07
5570MHz	Pass	AV	5.546G	90.76	Inf	-Inf	3	Horizontal	334	1.07
5570MHz	Pass	PK	5.318G	59.92	68.20	-8.28	3	Horizontal	334	1.07
5570MHz	Pass	PK	5.45G	64.37	74.00	-9.63	3	Horizontal	334	1.07
5570MHz	Pass	PK	5.4656G	64.88	68.20	-3.32	3	Horizontal	334	1.07
5570MHz	Pass	PK	5.5448G	104.81	Inf	-Inf	3	Horizontal	334	1.07
5570MHz	Pass	PK	5.726G	65.53	68.20	-2.67	3	Horizontal	334	1.07
5570MHz	Pass	AV	11.14924G	35.07	54.00	-18.93	3	Vertical	107	2.97
5570MHz	Pass	PK	11.14964G	48.56	74.00	-25.44	3	Vertical	107	2.97
5570MHz	Pass	AV	11.14976G	35.04	54.00	-18.96	3	Horizontal	9	1.50
5570MHz	Pass	PK	11.13896G	49.01	74.00	-24.99	3	Horizontal	9	1.50

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX

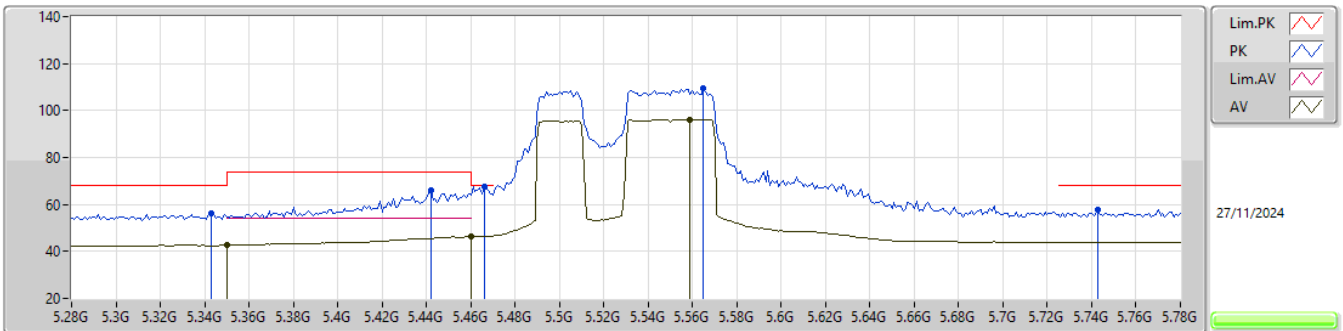
5530MHz_TX



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	41.91	54.00	-12.09	0.67	3	Vertical	308	2.49	41.24	33.10	4.91	37.34
AV	5.459G	44.15	54.00	-9.85	0.63	3	Vertical	308	2.49	43.52	33.05	4.94	37.36
AV	5.542G	92.15	Inf	-Inf	0.84	3	Vertical	308	2.49	91.31	33.22	4.97	37.35
PK	5.292G	55.25	68.20	-12.95	0.68	3	Vertical	308	2.49	54.57	33.12	4.88	37.32
PK	5.451G	63.19	74.00	-10.81	0.59	3	Vertical	308	2.49	62.60	33.01	4.94	37.36
PK	5.47G	63.62	68.20	-4.58	0.71	3	Vertical	308	2.49	62.91	33.12	4.95	37.36
PK	5.559G	105.64	Inf	-Inf	0.82	3	Vertical	308	2.49	104.82	33.20	4.97	37.35
PK	5.768G	56.84	68.20	-11.36	1.96	3	Vertical	308	2.49	54.88	34.07	5.15	37.26

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX

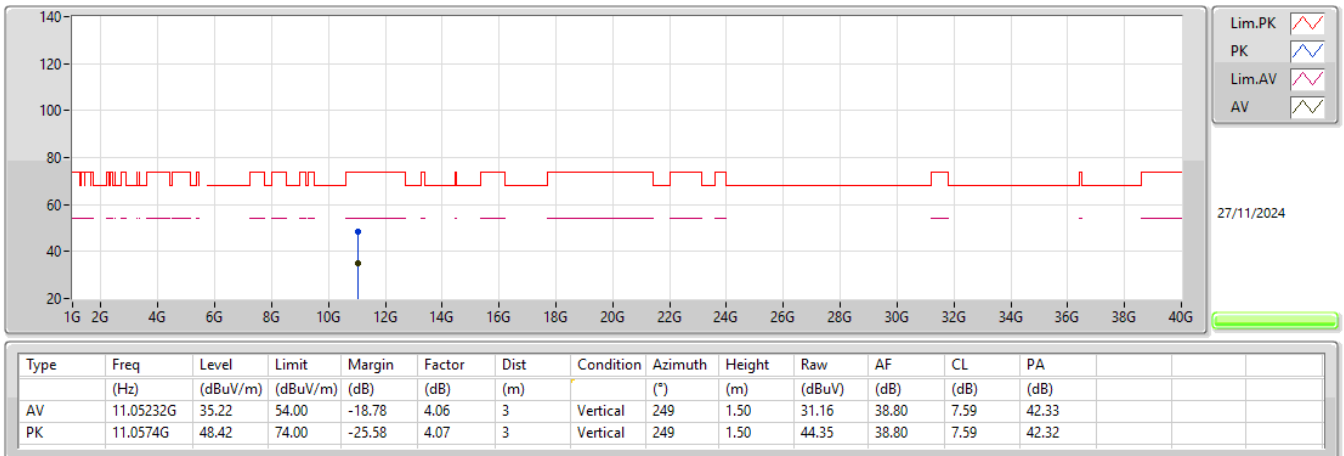
5530MHz_TX



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	42.51	54.00	-11.49	0.67	3	Horizontal	333	1.01	41.84	33.10	4.91	37.34
AV	5.46G	46.16	54.00	-7.84	0.65	3	Horizontal	333	1.01	45.51	33.06	4.95	37.36
AV	5.559G	96.21	Inf	-Inf	0.82	3	Horizontal	333	1.01	95.39	33.20	4.97	37.35
PK	5.343G	56.19	68.20	-12.01	0.66	3	Horizontal	333	1.01	55.53	33.10	4.90	37.34
PK	5.442G	66.21	74.00	-7.79	0.58	3	Horizontal	333	1.01	65.63	33.00	4.94	37.36
PK	5.466G	67.75	68.20	-0.45	0.69	3	Horizontal	333	1.01	67.06	33.10	4.95	37.36
PK	5.565G	109.26	Inf	-Inf	0.83	3	Horizontal	333	1.01	108.43	33.20	4.97	37.34
PK	5.743G	57.91	68.20	-10.29	1.82	3	Horizontal	333	1.01	56.09	33.97	5.12	37.27

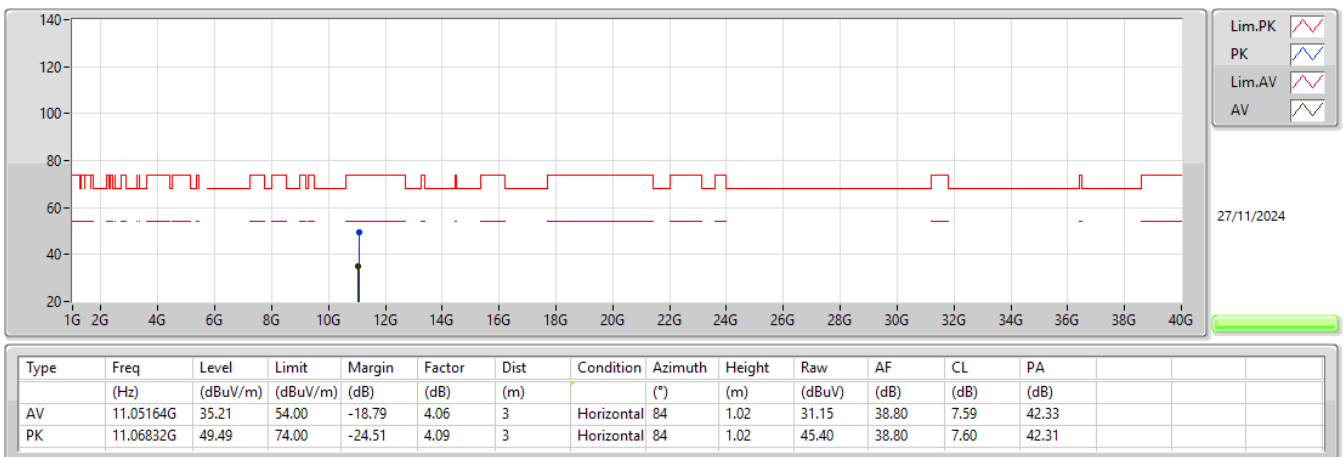
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX

5530MHz_TX



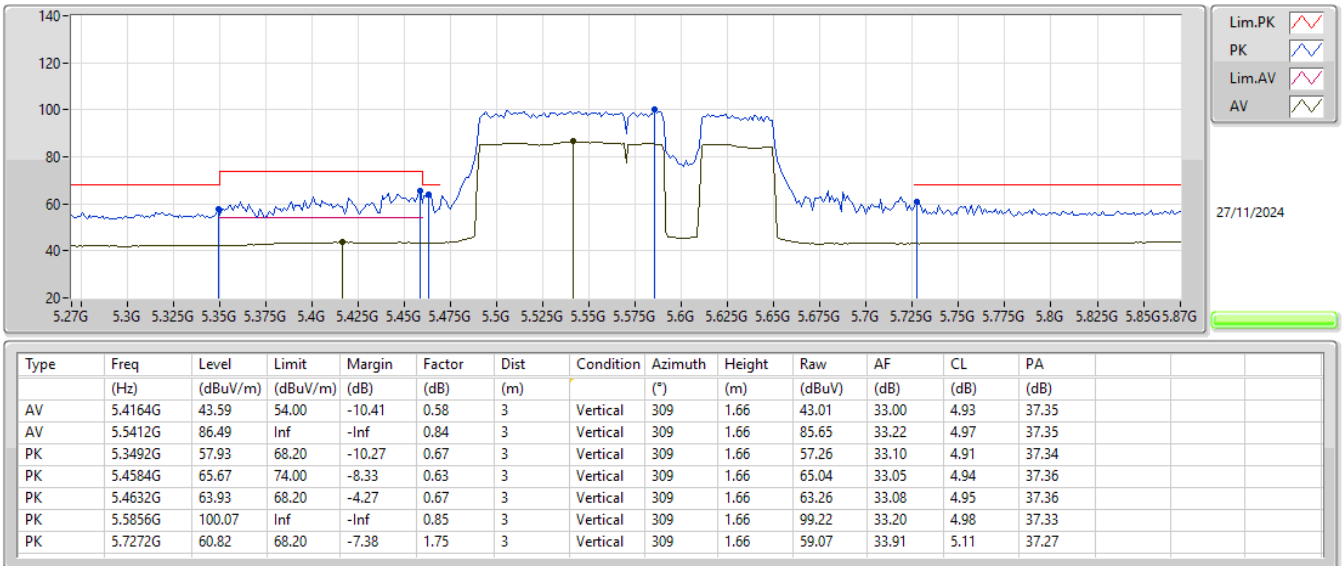
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX

5530MHz_TX



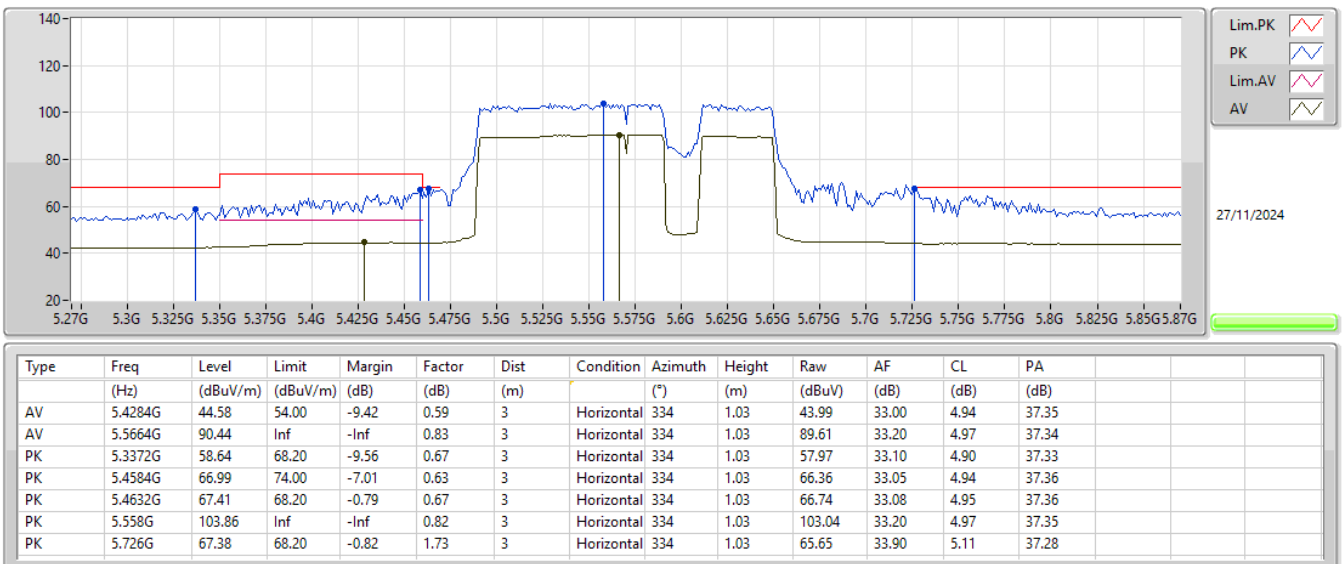
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX

5570MHz_TX



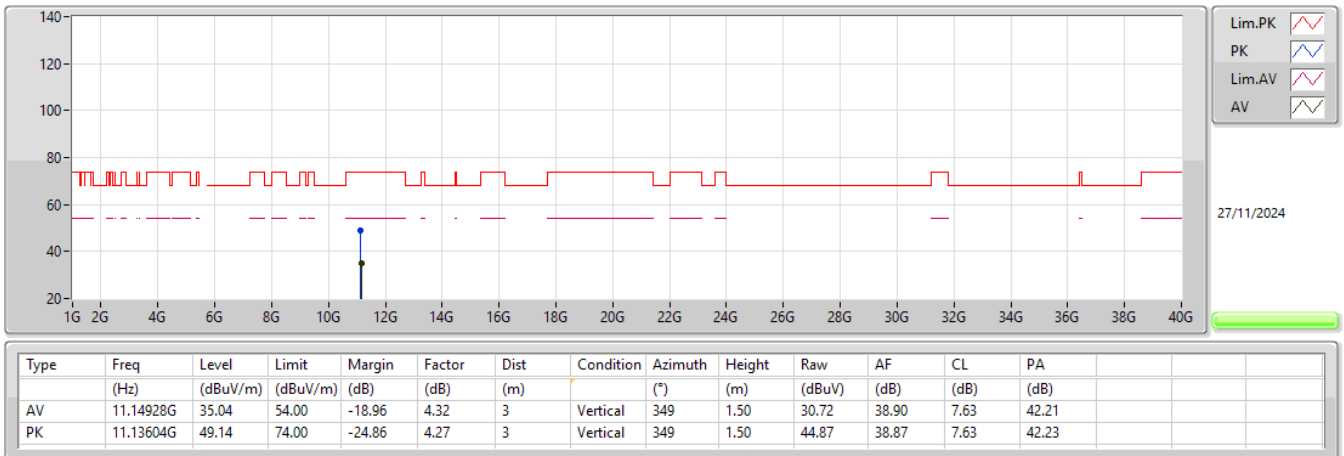
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX

5570MHz_TX



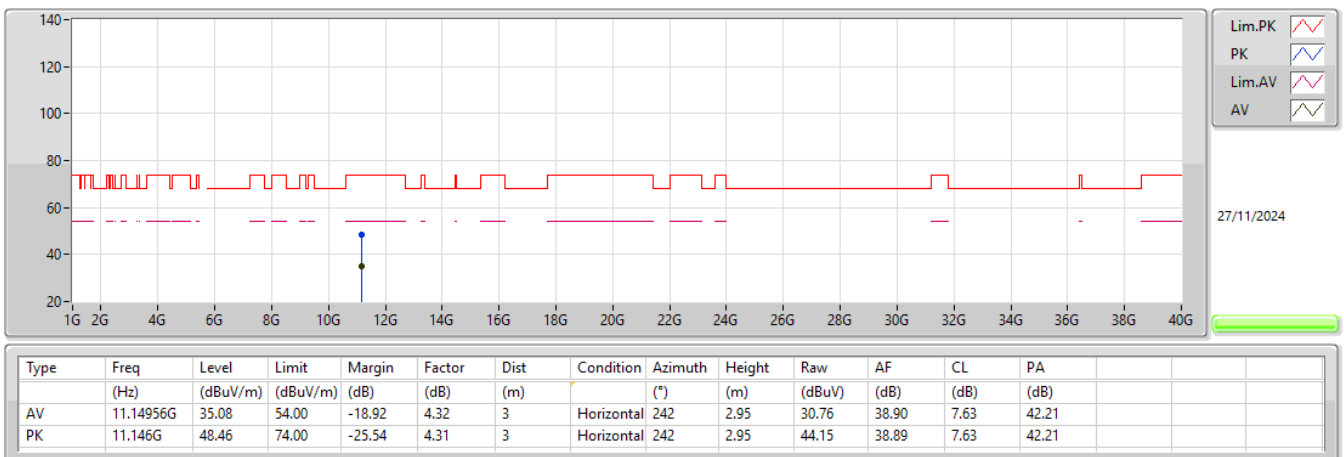
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 6_1TX

5570MHz_TX



**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 2_2TX	Pass	PK	5.466G	67.77	68.20	-0.43	3	Vertical	32	1.71
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	Pass	PK	5.4656G	65.97	68.20	-2.23	3	Vertical	31	1.48

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 2_2TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.35G	43.07	54.00	-10.93	3	Vertical	32	1.71
5530MHz	Pass	AV	5.451G	47.10	54.00	-6.90	3	Vertical	32	1.71
5530MHz	Pass	AV	5.508G	98.15	Inf	-Inf	3	Vertical	32	1.71
5530MHz	Pass	PK	5.291G	56.84	68.20	-11.36	3	Vertical	32	1.71
5530MHz	Pass	PK	5.447G	65.48	74.00	-8.52	3	Vertical	32	1.71
5530MHz	Pass	PK	5.466G	67.77	68.20	-0.43	3	Vertical	32	1.71
5530MHz	Pass	PK	5.507G	111.47	Inf	-Inf	3	Vertical	32	1.71
5530MHz	Pass	PK	5.765G	56.92	68.20	-11.28	3	Vertical	32	1.71
5530MHz	Pass	AV	5.35G	42.72	54.00	-11.28	3	Horizontal	348	3.00
5530MHz	Pass	AV	5.456G	46.00	54.00	-8.00	3	Horizontal	348	3.00
5530MHz	Pass	AV	5.554G	97.09	Inf	-Inf	3	Horizontal	348	3.00
5530MHz	Pass	PK	5.306G	56.42	68.20	-11.78	3	Horizontal	348	3.00
5530MHz	Pass	PK	5.456G	62.63	74.00	-11.37	3	Horizontal	348	3.00
5530MHz	Pass	PK	5.47G	63.11	68.20	-5.09	3	Horizontal	348	3.00
5530MHz	Pass	PK	5.552G	109.44	Inf	-Inf	3	Horizontal	348	3.00
5530MHz	Pass	PK	5.772G	57.36	68.20	-10.84	3	Horizontal	348	3.00
5530MHz	Pass	AV	10.99216G	36.22	54.00	-17.78	3	Vertical	47	1.50
5530MHz	Pass	PK	10.9896G	49.25	74.00	-24.75	3	Vertical	47	1.50
5530MHz	Pass	AV	11.05424G	36.25	54.00	-17.75	3	Horizontal	158	1.50
5530MHz	Pass	PK	11.11984G	49.12	74.00	-24.88	3	Horizontal	158	1.50
5610MHz	Pass	AV	5.46G	43.69	54.00	-10.31	3	Vertical	34	1.88
5610MHz	Pass	AV	5.587G	99.18	Inf	-Inf	3	Vertical	34	1.88
5610MHz	Pass	PK	5.444G	59.31	74.00	-14.69	3	Vertical	34	1.88
5610MHz	Pass	PK	5.468G	59.13	68.20	-9.07	3	Vertical	34	1.88
5610MHz	Pass	PK	5.588G	112.13	Inf	-Inf	3	Vertical	34	1.88
5610MHz	Pass	PK	5.727G	63.75	68.20	-4.45	3	Vertical	34	1.88
5610MHz	Pass	AV	5.459G	43.30	54.00	-10.70	3	Horizontal	348	3.00
5610MHz	Pass	AV	5.575G	97.46	Inf	-Inf	3	Horizontal	348	3.00
5610MHz	Pass	PK	5.455G	58.52	74.00	-15.48	3	Horizontal	348	3.00
5610MHz	Pass	PK	5.469G	57.49	68.20	-10.71	3	Horizontal	348	3.00
5610MHz	Pass	PK	5.574G	111.65	Inf	-Inf	3	Horizontal	348	3.00
5610MHz	Pass	PK	5.739G	60.76	68.20	-7.44	3	Horizontal	348	3.00
5610MHz	Pass	AV	11.18889G	36.88	54.00	-17.12	3	Vertical	243	1.50
5610MHz	Pass	PK	11.18896G	50.07	74.00	-23.93	3	Vertical	243	1.50
5610MHz	Pass	AV	11.29936G	36.88	54.00	-17.12	3	Horizontal	99	1.66
5610MHz	Pass	PK	11.18288G	50.18	74.00	-23.82	3	Horizontal	99	1.66
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4092G	44.11	54.00	-9.89	3	Vertical	34	1.95
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6684G	100.35	Inf	-Inf	3	Vertical	34	1.95
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4128G	56.89	74.00	-17.11	3	Vertical	34	1.95
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.468G	56.72	68.20	-11.48	3	Vertical	34	1.95
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6696G	112.86	Inf	-Inf	3	Vertical	34	1.95
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.8532G	58.76	68.20	-9.44	3	Vertical	34	1.95
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.3996G	43.51	54.00	-10.49	3	Horizontal	344	2.91
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6588G	98.66	Inf	-Inf	3	Horizontal	344	2.91
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4392G	55.93	74.00	-18.07	3	Horizontal	344	2.91
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.462G	55.75	68.20	-12.45	3	Horizontal	344	2.91
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6564G	111.22	Inf	-Inf	3	Horizontal	344	2.91
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.9492G	58.46	68.20	-9.74	3	Horizontal	344	2.91
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39824G	37.20	54.00	-16.80	3	Vertical	111	1.74
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.45328G	50.02	74.00	-23.98	3	Vertical	111	1.74
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.4424G	37.34	54.00	-16.66	3	Horizontal	12	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.44752G	50.53	74.00	-23.47	3	Horizontal	12	1.50
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4296G	44.24	54.00	-9.76	3	Vertical	31	1.48
5570MHz	Pass	AV	5.51G	90.70	Inf	-Inf	3	Vertical	31	1.48
5570MHz	Pass	PK	5.3492G	60.95	68.20	-7.25	3	Vertical	31	1.48
5570MHz	Pass	PK	5.4344G	68.15	74.00	-5.85	3	Vertical	31	1.48
5570MHz	Pass	PK	5.4656G	65.97	68.20	-2.23	3	Vertical	31	1.48
5570MHz	Pass	PK	5.6312G	103.97	Inf	-Inf	3	Vertical	31	1.48



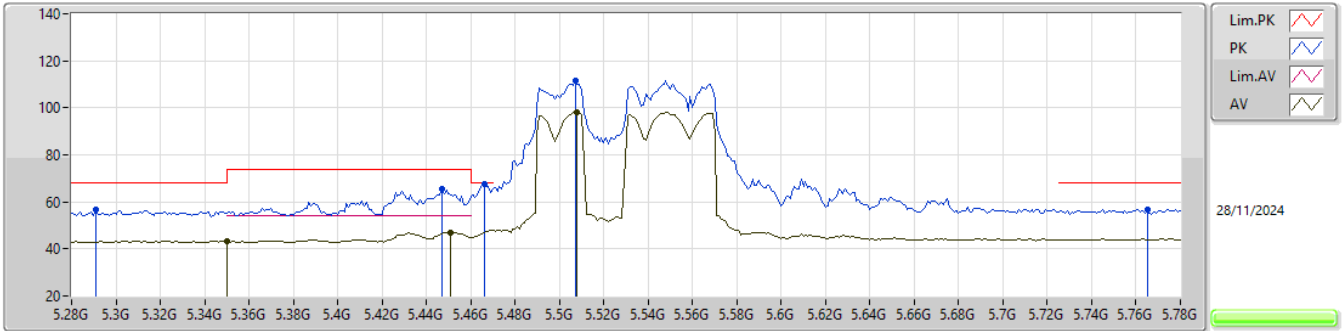
RSE TX above 1GHz_Non-Beamforming_Radio 2_2T1S

Appendix C.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	PK	5.726G	65.66	68.20	-2.54	3	Vertical	31	1.48
5570MHz	Pass	AV	5.4368G	43.38	54.00	-10.62	3	Horizontal	352	3.00
5570MHz	Pass	AV	5.5544G	89.52	Inf	-Inf	3	Horizontal	352	3.00
5570MHz	Pass	PK	5.35G	58.87	74.00	-15.13	3	Horizontal	352	3.00
5570MHz	Pass	PK	5.4404G	65.79	74.00	-8.21	3	Horizontal	352	3.00
5570MHz	Pass	PK	5.4656G	64.95	68.20	-3.25	3	Horizontal	352	3.00
5570MHz	Pass	PK	5.5316G	102.22	Inf	-Inf	3	Horizontal	352	3.00
5570MHz	Pass	PK	5.7272G	65.36	68.20	-2.84	3	Horizontal	352	3.00
5570MHz	Pass	AV	11.284G	36.79	54.00	-17.21	3	Vertical	163	1.50
5570MHz	Pass	PK	11.268G	49.22	74.00	-24.78	3	Vertical	163	1.50
5570MHz	Pass	AV	11.2808G	36.71	54.00	-17.29	3	Horizontal	325	1.50
5570MHz	Pass	PK	11.24304G	50.06	74.00	-23.94	3	Horizontal	325	1.50
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.3888G	43.64	54.00	-10.36	3	Vertical	30	1.47
5570MHz	Pass	AV	5.5112G	90.67	Inf	-Inf	3	Vertical	30	1.47
5570MHz	Pass	PK	5.3492G	63.96	68.20	-4.24	3	Vertical	30	1.47
5570MHz	Pass	PK	5.4548G	65.83	74.00	-8.17	3	Vertical	30	1.47
5570MHz	Pass	PK	5.4608G	65.47	68.20	-2.73	3	Vertical	30	1.47
5570MHz	Pass	PK	5.5712G	103.48	Inf	-Inf	3	Vertical	30	1.47
5570MHz	Pass	PK	5.7464G	65.03	68.20	-3.17	3	Vertical	30	1.47
5570MHz	Pass	AV	5.4152G	43.07	54.00	-10.93	3	Horizontal	350	3.00
5570MHz	Pass	AV	5.5748G	89.70	Inf	-Inf	3	Horizontal	350	3.00
5570MHz	Pass	PK	5.35G	61.57	74.00	-12.43	3	Horizontal	350	3.00
5570MHz	Pass	PK	5.4596G	63.02	74.00	-10.98	3	Horizontal	350	3.00
5570MHz	Pass	PK	5.4608G	63.66	68.20	-4.54	3	Horizontal	350	3.00
5570MHz	Pass	PK	5.5736G	102.58	Inf	-Inf	3	Horizontal	350	3.00
5570MHz	Pass	PK	5.7428G	64.48	68.20	-3.72	3	Horizontal	350	3.00
5570MHz	Pass	AV	11.2776G	36.81	54.00	-17.19	3	Vertical	101	1.50
5570MHz	Pass	PK	11.27568G	50.05	74.00	-23.95	3	Vertical	101	1.50
5570MHz	Pass	AV	11.27184G	36.79	54.00	-17.21	3	Horizontal	248	1.50
5570MHz	Pass	PK	11.26672G	49.87	74.00	-24.13	3	Horizontal	248	1.50

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

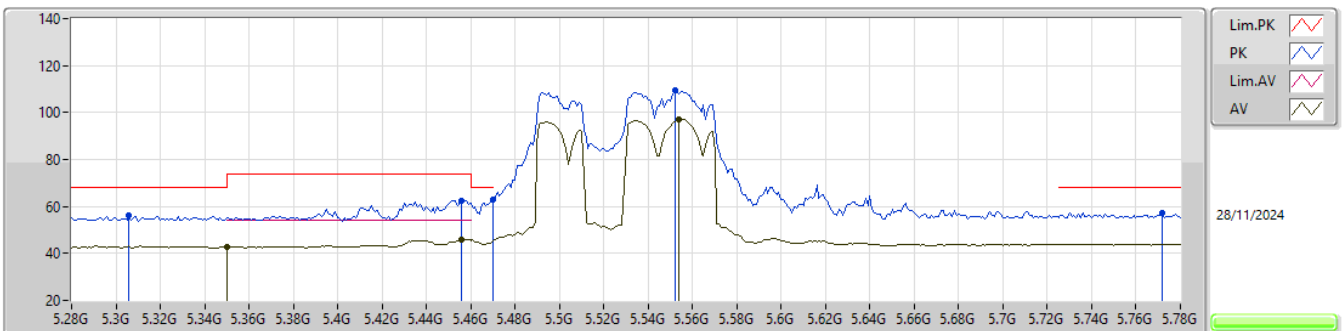
5530MHz_TX



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	43.07	54.00	-10.93	0.67	3	Vertical	32	1.71	42.40	33.10	4.91	37.34
AV	5.451G	47.10	54.00	-6.90	0.59	3	Vertical	32	1.71	46.51	33.01	4.94	37.36
AV	5.508G	98.15	Inf	-Inf	0.87	3	Vertical	32	1.71	97.28	33.28	4.96	37.37
PK	5.291G	56.84	68.20	-11.36	0.68	3	Vertical	32	1.71	56.16	33.12	4.88	37.32
PK	5.447G	65.48	74.00	-8.52	0.58	3	Vertical	32	1.71	64.90	33.00	4.94	37.36
PK	5.466G	67.77	68.20	-0.43	0.69	3	Vertical	32	1.71	67.08	33.10	4.95	37.36
PK	5.507G	111.47	Inf	-Inf	0.88	3	Vertical	32	1.71	110.59	33.29	4.96	37.37
PK	5.765G	56.92	68.20	-11.28	1.94	3	Vertical	32	1.71	54.98	34.06	5.14	37.26

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

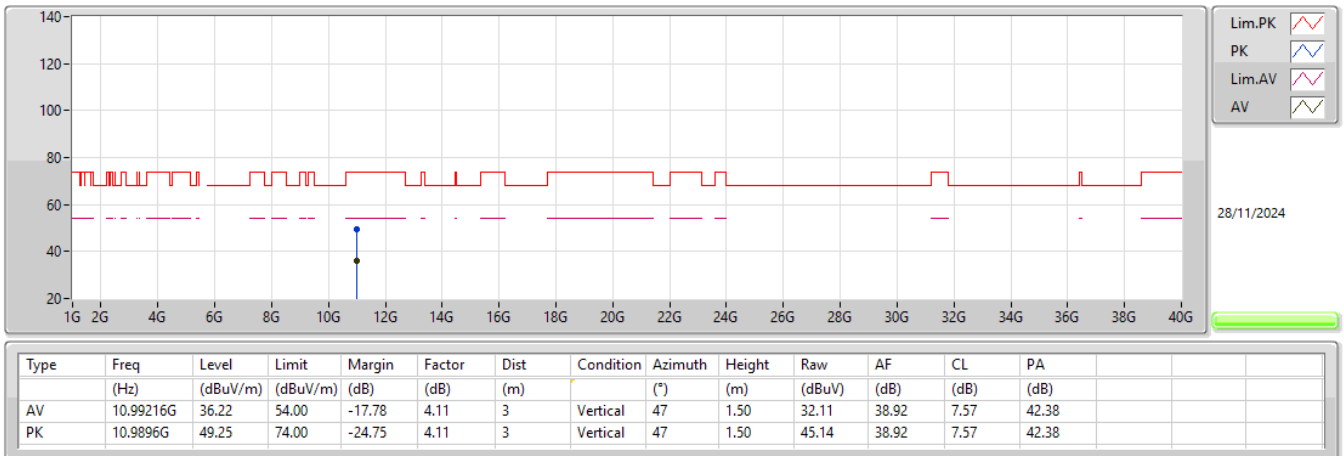
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	42.72	54.00	-11.28	0.67	3	Horizontal	348	3.00	42.05	33.10	4.91	37.34
AV	5.456G	46.00	54.00	-8.00	0.62	3	Horizontal	348	3.00	45.38	33.04	4.94	37.36
AV	5.554G	97.09	Inf	-Inf	0.82	3	Horizontal	348	3.00	96.27	33.20	4.97	37.35
PK	5.306G	56.42	68.20	-11.78	0.66	3	Horizontal	348	3.00	55.76	33.10	4.89	37.33
PK	5.456G	62.63	74.00	-11.37	0.62	3	Horizontal	348	3.00	62.01	33.04	4.94	37.36
PK	5.47G	63.11	68.20	-5.09	0.71	3	Horizontal	348	3.00	62.40	33.12	4.95	37.36
PK	5.552G	109.44	Inf	-Inf	0.82	3	Horizontal	348	3.00	108.62	33.20	4.97	37.35
PK	5.772G	57.36	68.20	-10.84	1.98	3	Horizontal	348	3.00	55.38	34.09	5.15	37.26

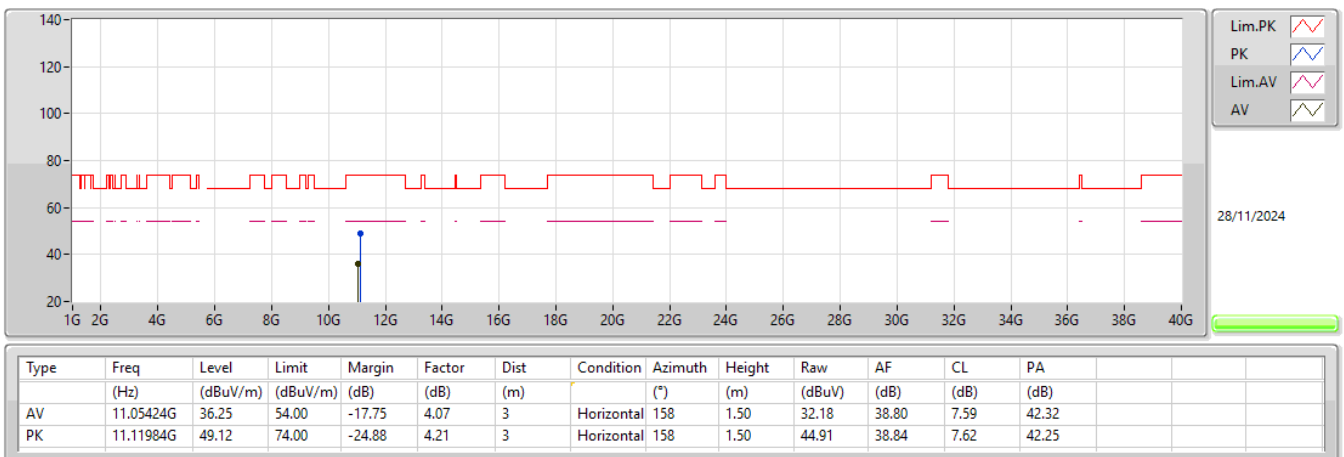
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX

5530MHz_TX



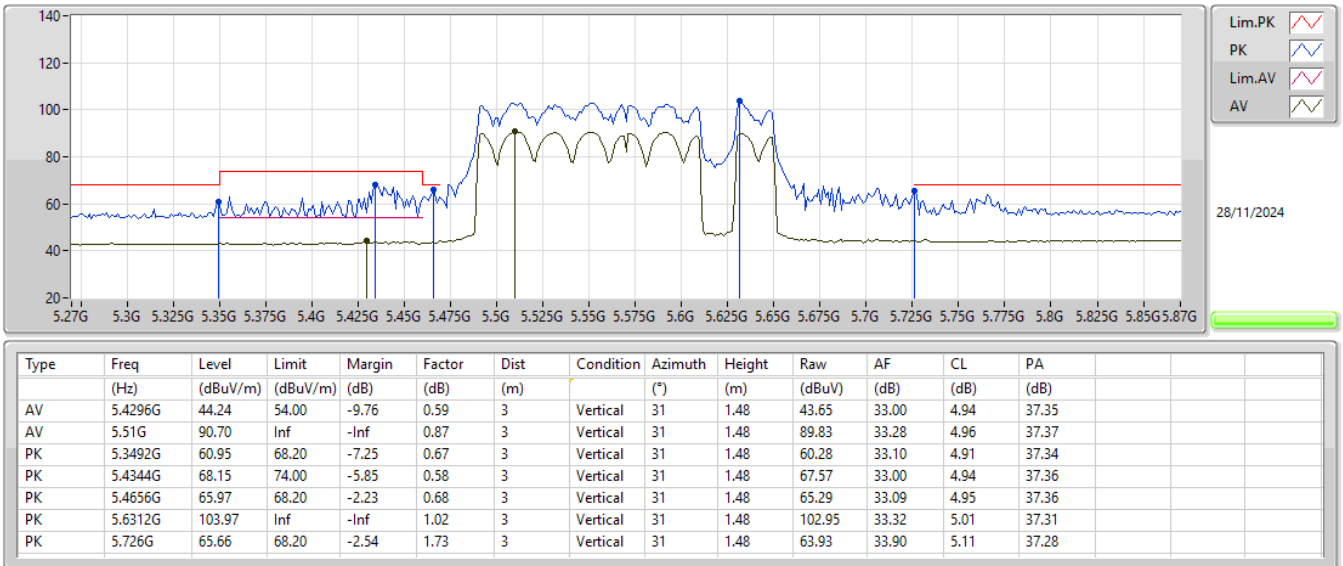
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5530MHz_TX



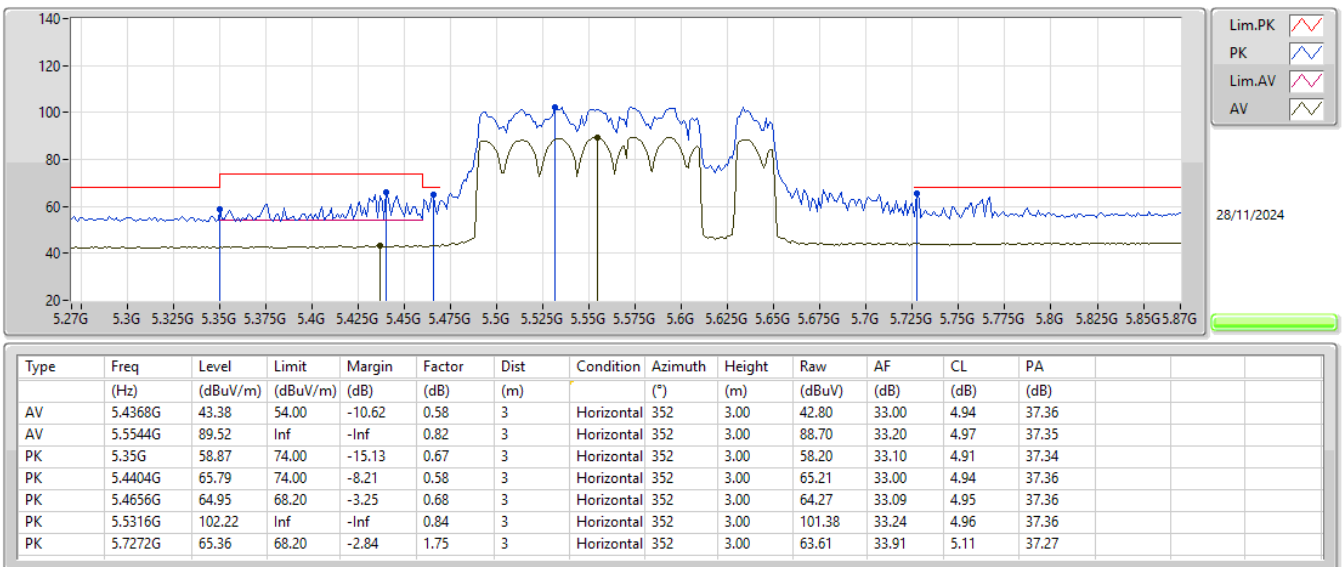
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX

5570MHz_TX



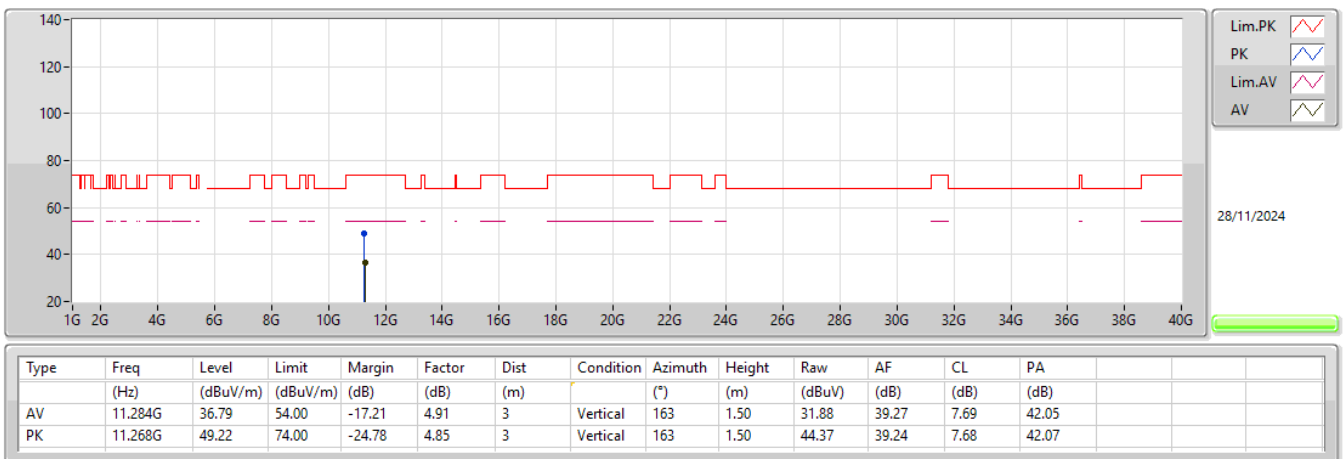
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5570MHz_TX



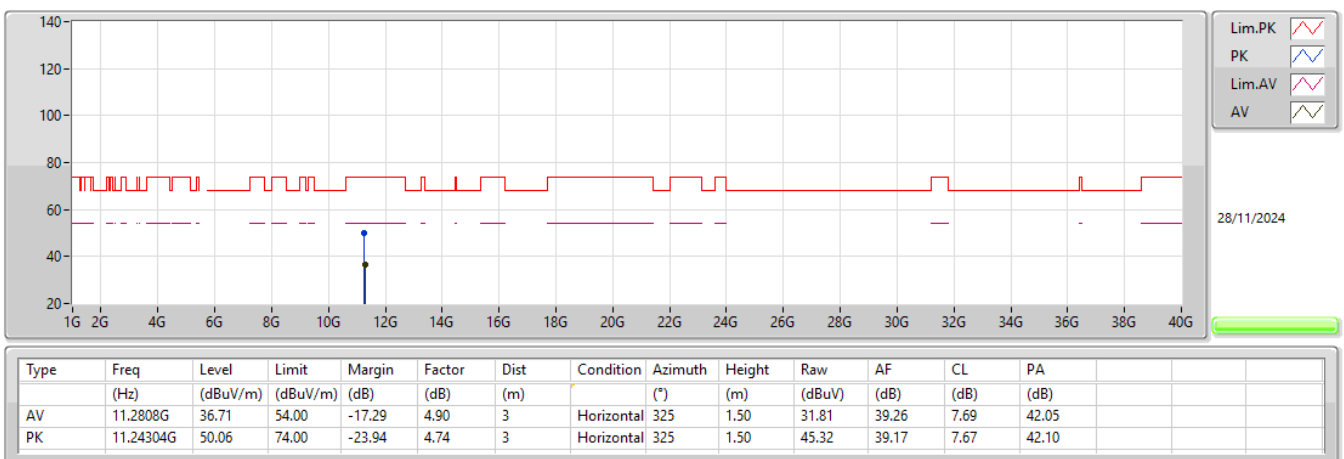
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_2TX

5570MHz_TX





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_4TX	Pass	PK	5.464G	64.61	68.20	-3.59	3	Horizontal	314	1.27
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	Pass	PK	5.462G	67.64	68.20	-0.56	3	Horizontal	311	1.50

Result

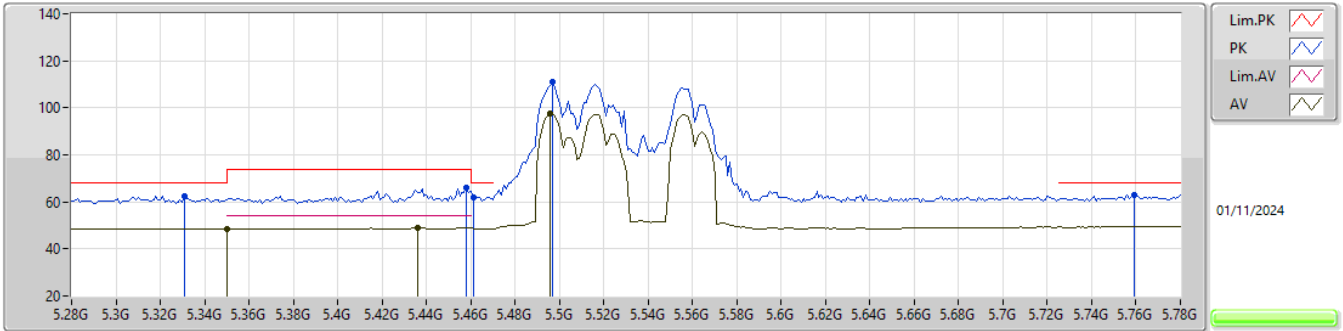
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	AV	5.35G	48.46	54.00	-5.54	3	Vertical	53	1.96
5530MHz	Pass	AV	5.436G	48.94	54.00	-5.06	3	Vertical	53	1.96
5530MHz	Pass	AV	5.496G	97.37	Inf	-Inf	3	Vertical	53	1.96
5530MHz	Pass	PK	5.331G	62.67	68.20	-5.53	3	Vertical	53	1.96
5530MHz	Pass	PK	5.458G	65.94	74.00	-8.06	3	Vertical	53	1.96
5530MHz	Pass	PK	5.461G	62.08	68.20	-6.12	3	Vertical	53	1.96
5530MHz	Pass	PK	5.497G	110.90	Inf	-Inf	3	Vertical	53	1.96
5530MHz	Pass	PK	5.759G	62.92	68.20	-5.28	3	Vertical	53	1.96
5530MHz	Pass	AV	5.35G	48.43	54.00	-5.57	3	Horizontal	314	1.27
5530MHz	Pass	AV	5.46G	48.89	54.00	-5.11	3	Horizontal	314	1.27
5530MHz	Pass	AV	5.502G	96.89	Inf	-Inf	3	Horizontal	314	1.27
5530MHz	Pass	PK	5.298G	62.40	68.20	-5.80	3	Horizontal	314	1.27
5530MHz	Pass	PK	5.46G	65.60	74.00	-8.40	3	Horizontal	314	1.27
5530MHz	Pass	PK	5.464G	64.61	68.20	-3.59	3	Horizontal	314	1.27
5530MHz	Pass	PK	5.563G	109.65	Inf	-Inf	3	Horizontal	314	1.27
5530MHz	Pass	PK	5.751G	64.55	68.20	-3.65	3	Horizontal	314	1.27
5530MHz	Pass	AV	11.06064G	35.43	54.00	-18.57	3	Vertical	202	1.27
5530MHz	Pass	PK	11.12176G	49.47	74.00	-24.53	3	Vertical	202	1.27
5530MHz	Pass	AV	11.02128G	35.43	54.00	-18.57	3	Horizontal	50	1.50
5530MHz	Pass	PK	11.07536G	49.50	74.00	-24.50	3	Horizontal	50	1.50
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	AV	5.362G	48.57	54.00	-5.43	3	Vertical	57	2.20
5610MHz	Pass	AV	5.577G	97.27	Inf	-Inf	3	Vertical	57	2.20
5610MHz	Pass	PK	5.369G	61.92	74.00	-12.08	3	Vertical	57	2.20
5610MHz	Pass	PK	5.47G	61.20	68.20	-7.00	3	Vertical	57	2.20
5610MHz	Pass	PK	5.577G	109.77	Inf	-Inf	3	Vertical	57	2.20
5610MHz	Pass	PK	5.833G	64.06	68.20	-4.14	3	Vertical	57	2.20
5610MHz	Pass	AV	5.439G	48.58	54.00	-5.42	3	Horizontal	313	1.09
5610MHz	Pass	AV	5.581G	96.05	Inf	-Inf	3	Horizontal	313	1.09
5610MHz	Pass	PK	5.416G	62.31	74.00	-11.69	3	Horizontal	313	1.09
5610MHz	Pass	PK	5.468G	61.24	68.20	-6.96	3	Horizontal	313	1.09
5610MHz	Pass	PK	5.581G	108.60	Inf	-Inf	3	Horizontal	313	1.09
5610MHz	Pass	PK	5.733G	63.62	68.20	-4.58	3	Horizontal	313	1.09
5610MHz	Pass	AV	11.29776G	36.16	54.00	-17.84	3	Vertical	37	1.50
5610MHz	Pass	PK	11.28656G	49.85	74.00	-24.15	3	Vertical	37	1.50
5610MHz	Pass	AV	11.29392G	36.12	54.00	-17.88	3	Horizontal	243	1.02
5610MHz	Pass	PK	11.22736G	50.21	74.00	-23.79	3	Horizontal	243	1.02
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4116G	48.63	54.00	-5.37	3	Vertical	337	1.69
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6708G	98.30	Inf	-Inf	3	Vertical	337	1.69
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4176G	61.55	74.00	-12.45	3	Vertical	337	1.69
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4632G	61.07	68.20	-7.13	3	Vertical	337	1.69
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.672G	110.77	Inf	-Inf	3	Vertical	337	1.69
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.966G	63.71	68.20	-4.49	3	Vertical	337	1.69
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.4044G	48.62	54.00	-5.38	3	Horizontal	326	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	5.6984G	97.97	Inf	-Inf	3	Horizontal	326	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.426G	61.77	74.00	-12.23	3	Horizontal	326	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.4644G	60.78	68.20	-7.42	3	Horizontal	326	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.6996G	110.29	Inf	-Inf	3	Horizontal	326	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	PK	5.9144G	63.99	68.20	-4.21	3	Horizontal	326	1.00
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.43928G	36.54	54.00	-17.46	3	Vertical	360	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.4296G	50.04	74.00	-23.96	3	Vertical	360	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.39608G	36.44	54.00	-17.56	3	Horizontal	350	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37744G	49.75	74.00	-24.25	3	Horizontal	350	1.50
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4356G	50.92	54.00	-3.08	3	Vertical	56	2.00
5570MHz	Pass	AV	5.4968G	94.98	Inf	-Inf	3	Vertical	56	2.00
5570MHz	Pass	PK	5.3432G	63.17	68.20	-5.03	3	Vertical	56	2.00
5570MHz	Pass	PK	5.4368G	71.58	74.00	-2.42	3	Vertical	56	2.00
5570MHz	Pass	PK	5.462G	62.50	68.20	-5.70	3	Vertical	56	2.00



Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)
5570MHz	Pass	PK	5.5364G	107.53	Inf	-Inf	3	Vertical	56	2.00
5570MHz	Pass	PK	5.8388G	63.80	68.20	-4.40	3	Vertical	56	2.00
5570MHz	Pass	AV	5.4416G	50.36	54.00	-3.64	3	Horizontal	311	1.50
5570MHz	Pass	AV	5.5028G	93.46	Inf	-Inf	3	Horizontal	311	1.50
5570MHz	Pass	PK	5.3384G	63.03	68.20	-5.17	3	Horizontal	311	1.50
5570MHz	Pass	PK	5.4416G	69.55	74.00	-4.45	3	Horizontal	311	1.50
5570MHz	Pass	PK	5.462G	67.64	68.20	-0.56	3	Horizontal	311	1.50
5570MHz	Pass	PK	5.5436G	105.88	Inf	-Inf	3	Horizontal	311	1.50
5570MHz	Pass	PK	5.7296G	65.12	68.20	-3.08	3	Horizontal	311	1.50
5570MHz	Pass	AV	11.18384G	35.75	54.00	-18.25	3	Vertical	307	1.33
5570MHz	Pass	PK	11.17648G	49.54	74.00	-24.46	3	Vertical	307	1.33
5570MHz	Pass	AV	11.1976G	35.75	54.00	-18.25	3	Horizontal	72	1.90
5570MHz	Pass	PK	11.14128G	50.24	74.00	-23.76	3	Horizontal	72	1.90
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	AV	5.4356G	51.66	54.00	-2.34	3	Vertical	54	2.04
5570MHz	Pass	AV	5.4956G	95.31	Inf	-Inf	3	Vertical	54	2.04
5570MHz	Pass	PK	5.3156G	64.77	68.20	-3.43	3	Vertical	54	2.04
5570MHz	Pass	PK	5.4584G	68.83	74.00	-5.17	3	Vertical	54	2.04
5570MHz	Pass	PK	5.4632G	64.54	68.20	-3.66	3	Vertical	54	2.04
5570MHz	Pass	PK	5.4956G	108.60	Inf	-Inf	3	Vertical	54	2.04
5570MHz	Pass	PK	5.7356G	66.12	68.20	-2.08	3	Vertical	54	2.04
5570MHz	Pass	AV	5.4224G	50.78	54.00	-3.22	3	Horizontal	309	1.50
5570MHz	Pass	AV	5.5028G	93.94	Inf	-Inf	3	Horizontal	309	1.50
5570MHz	Pass	PK	5.2892G	62.26	68.20	-5.94	3	Horizontal	309	1.50
5570MHz	Pass	PK	5.45G	66.63	74.00	-7.37	3	Horizontal	309	1.50
5570MHz	Pass	PK	5.462G	67.63	68.20	-0.57	3	Horizontal	309	1.50
5570MHz	Pass	PK	5.504G	106.92	Inf	-Inf	3	Horizontal	309	1.50
5570MHz	Pass	PK	5.7416G	64.65	68.20	-3.55	3	Horizontal	309	1.50
5570MHz	Pass	AV	11.2316G	35.98	54.00	-18.02	3	Vertical	212	1.50
5570MHz	Pass	PK	11.2364G	50.34	74.00	-23.66	3	Vertical	212	1.50
5570MHz	Pass	AV	11.1858G	35.73	54.00	-18.27	3	Horizontal	265	1.50
5570MHz	Pass	PK	11.1136G	50.15	74.00	-23.85	3	Horizontal	265	1.50

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

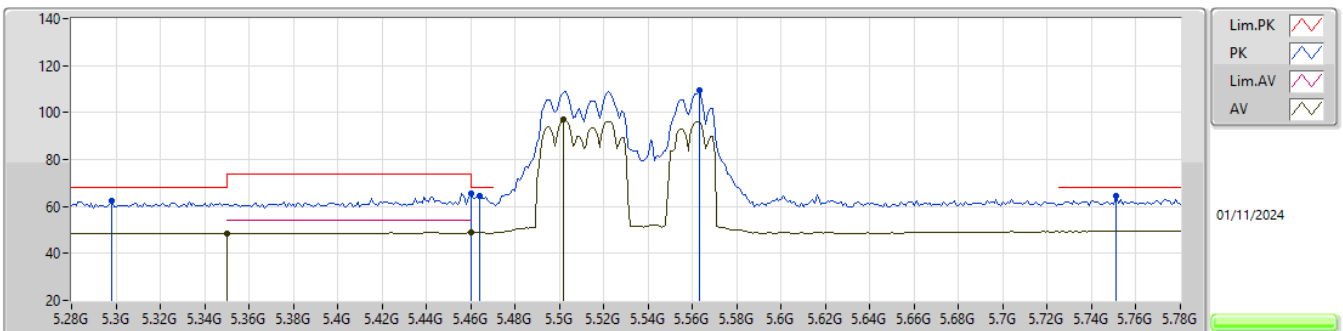
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.35G	48.46	54.00	-5.54	10.88	3	Vertical	53	1.96	37.58	33.10	4.91	27.13
AV	5.436G	48.94	54.00	-5.06	10.78	3	Vertical	53	1.96	38.16	33.00	4.94	27.16
AV	5.496G	97.37	Inf	-Inf	11.04	3	Vertical	53	1.96	86.33	33.28	4.95	27.19
PK	5.331G	62.67	68.20	-5.53	10.88	3	Vertical	53	1.96	51.79	33.10	4.90	27.12
PK	5.458G	65.94	74.00	-8.06	10.82	3	Vertical	53	1.96	55.12	33.05	4.94	27.17
PK	5.461G	62.08	68.20	-6.12	10.85	3	Vertical	53	1.96	51.23	33.07	4.95	27.17
PK	5.497G	110.90	Inf	-Inf	11.04	3	Vertical	53	1.96	99.86	33.28	4.95	27.19
PK	5.759G	62.92	68.20	-5.28	11.89	3	Vertical	53	1.96	51.03	34.04	5.14	27.29

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

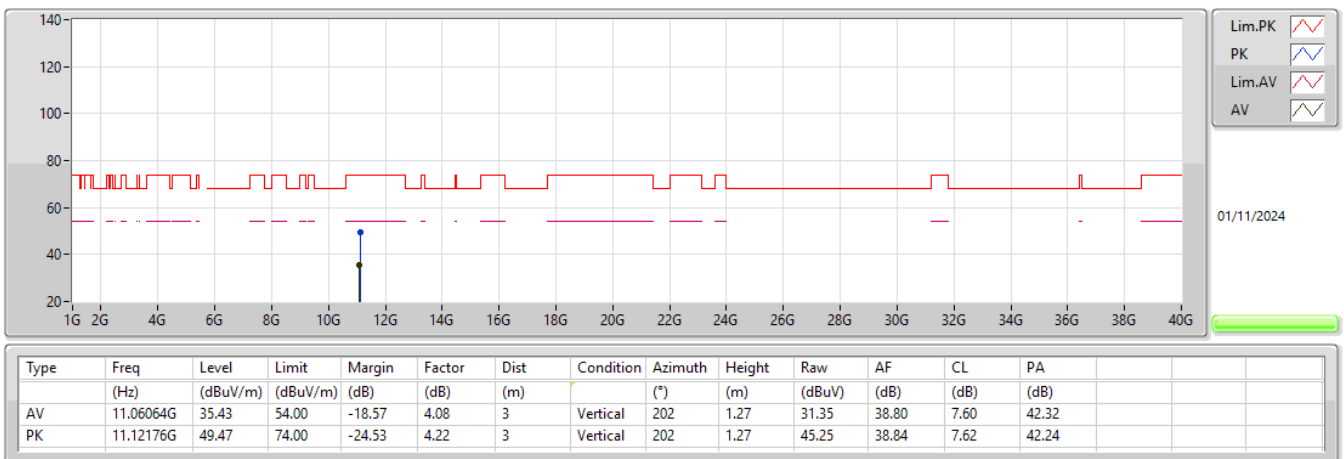
5530MHz_TX



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	48.43	54.00	-5.57	10.88	3	Horizontal	314	1.27	37.55	33.10	4.91	27.13
AV	5.46G	48.89	54.00	-5.11	10.84	3	Horizontal	314	1.27	38.05	33.06	4.95	27.17
AV	5.502G	96.89	Inf	-Inf	11.07	3	Horizontal	314	1.27	85.82	33.30	4.96	27.19
PK	5.298G	62.40	68.20	-5.80	10.87	3	Horizontal	314	1.27	51.53	33.10	4.88	27.11
PK	5.46G	65.60	74.00	-8.40	10.84	3	Horizontal	314	1.27	54.76	33.06	4.95	27.17
PK	5.464G	64.61	68.20	-3.59	10.85	3	Horizontal	314	1.27	53.76	33.08	4.95	27.18
PK	5.563G	109.65	Inf	-Inf	10.96	3	Horizontal	314	1.27	98.69	33.20	4.97	27.21
PK	5.751G	64.55	68.20	-3.65	11.84	3	Horizontal	314	1.27	52.71	34.00	5.13	27.29

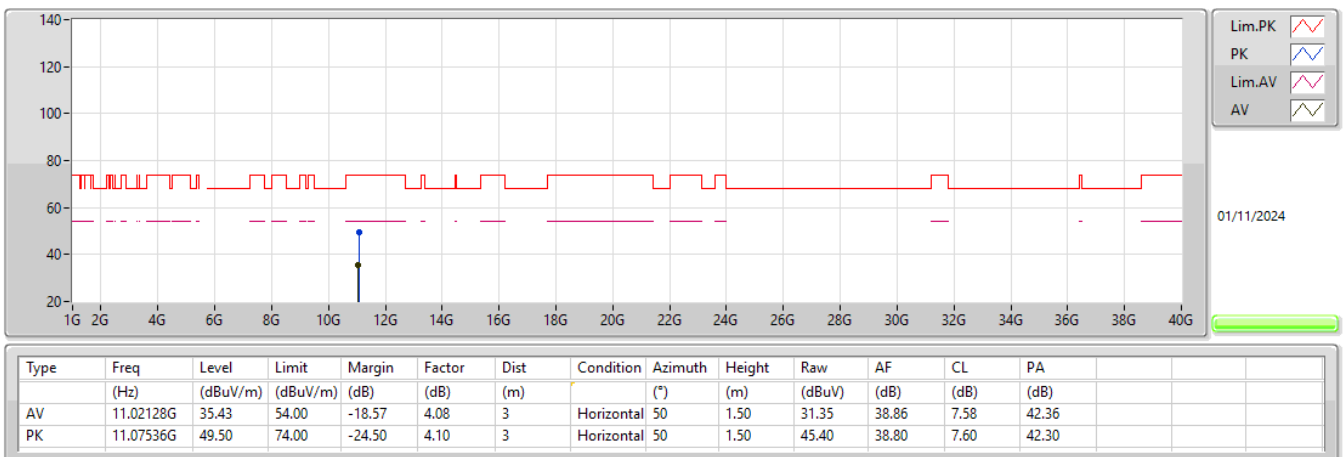
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

5530MHz_TX



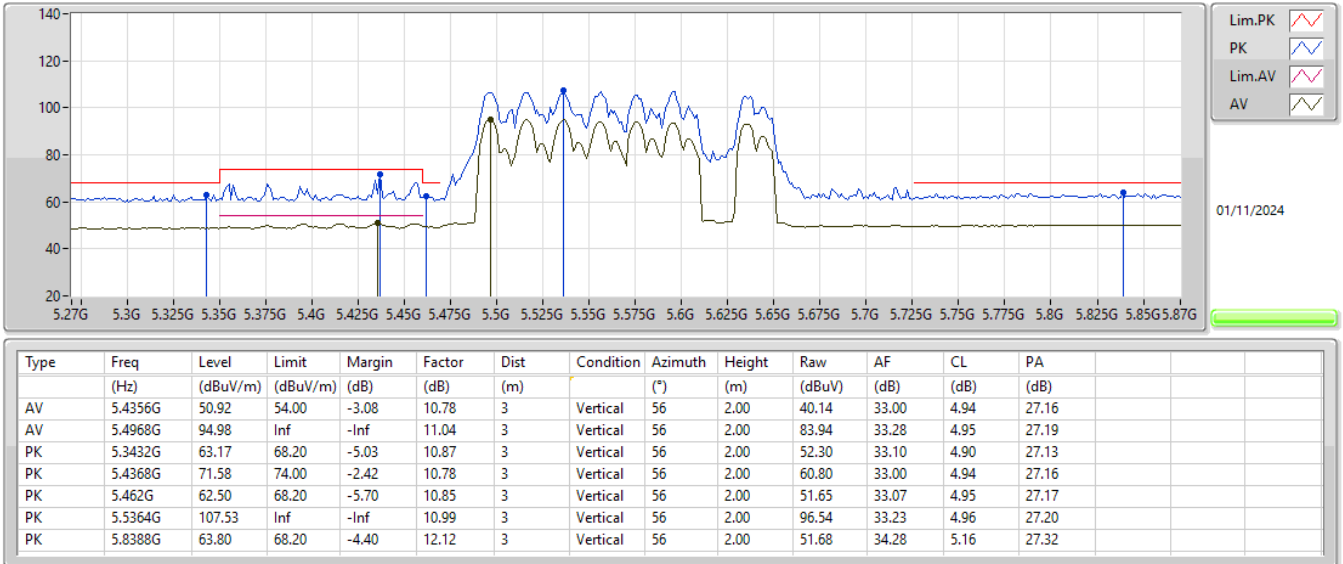
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5530MHz_TX



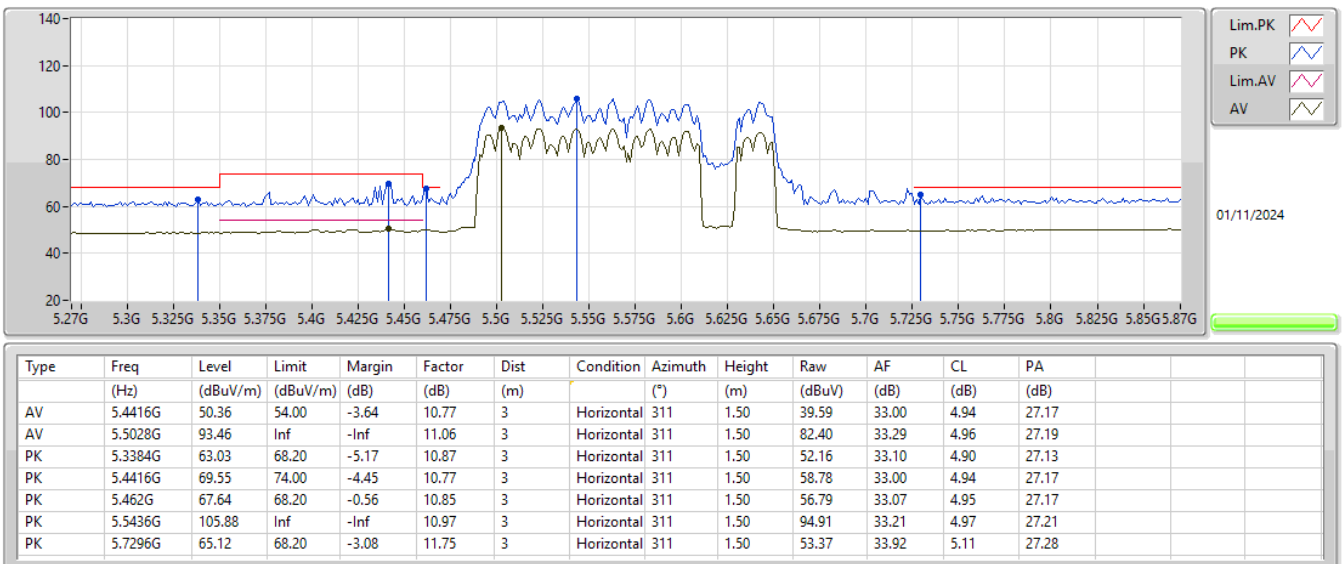
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX

5570MHz_TX



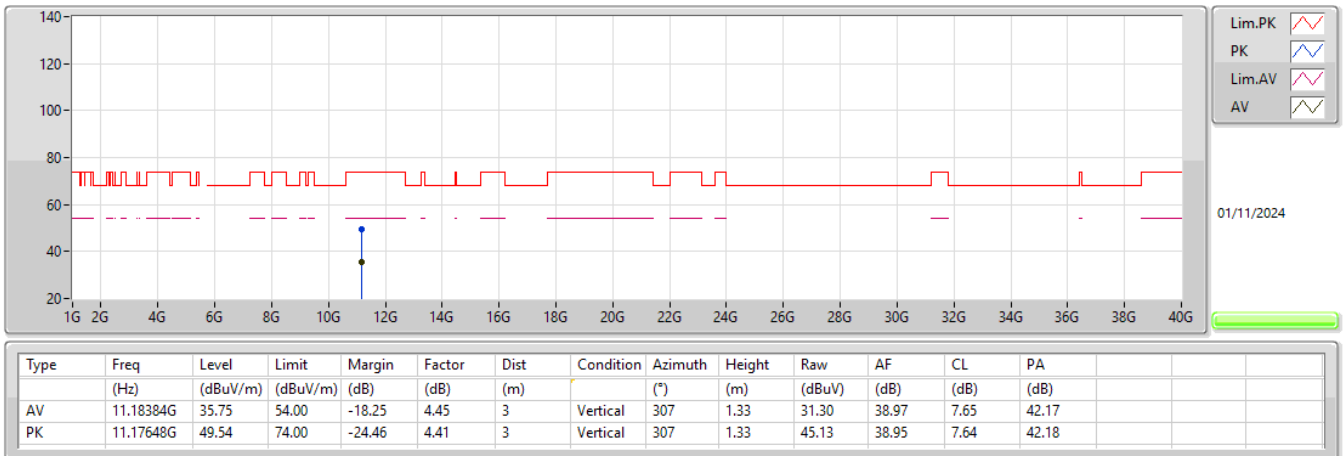
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX

5570MHz_TX



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_4TX

5570MHz_TX

