

FCC Radio Test Report

FCC ID : UDX-600218010
Equipment : Cisco Wireless 9174I Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9174I
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 Jan. 06, 2025, and testing was started from Jan. 15, 2025 and completed on Apr. 12, 2025. 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 C63.10-2020 + Cor.1-2023 + C63.10a-2024 and shown compliance with the applicable technical standards.

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


Approved by: Jackson Tsai

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Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.5	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and explanations:

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

Reviewed by: Barry Hsiao

Report Producer: Debby Hung



1 General Description

1.1 Information

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_Full RU_1T1S

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

Non-Beamforming_Radio 2_Full RU_2T1S

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11a	20	2TX(Port 2/3)
5.725-5.85GHz	802.11a	20	2TX(Port 2/3)
5.47-5.725GHz	802.11be EHT20	20	2TX(Port 2/3)
5.725-5.85GHz	802.11be EHT20	20	2TX(Port 2/3)
5.47-5.725GHz	802.11be EHT40	40	2TX(Port 2/3)
5.725-5.85GHz	802.11be EHT40	40	2TX(Port 2/3)
5.47-5.725GHz	802.11be EHT80	80	2TX(Port 2/3)
5.725-5.85GHz	802.11be EHT80	80	2TX(Port 2/3)
5.47-5.725GHz	802.11be EHT160	160	2TX(Port 2/3)

**Non-Beamforming_Radio 2_Full RU_4T1S**

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11a	20	4TX
5.725-5.85GHz	802.11a	20	4TX
5.47-5.725GHz	802.11be EHT20	20	4TX
5.725-5.85GHz	802.11be EHT20	20	4TX
5.47-5.725GHz	802.11be EHT40	40	4TX
5.725-5.85GHz	802.11be EHT40	40	4TX
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

Non-Beamforming_Radio 2_Multi-RU_1T1S

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_Multi-RU_2T1S

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11be EHT80	80	2TX(Port 2/3)
5.725-5.85GHz	802.11be EHT80	80	2TX(Port 2/3)
5.47-5.725GHz	802.11be EHT160	160	2TX(Port 2/3)

Non-Beamforming_Radio 2_Multi-RU_4T1S

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

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

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_Channel Puncturing_2T1S

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11be EHT80	80	2TX(Port 2/3)
5.725-5.85GHz	802.11be EHT80	80	2TX(Port 2/3)
5.47-5.725GHz	802.11be EHT160	160	2TX(Port 2/3)

**Non-Beamforming_Radio 2_Channel Puncturing_4T1S**

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

Non-Beamforming_Scan Radio

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11a	20	1TX
5.725-5.85GHz	802.11a	20	1TX
5.47-5.725GHz	802.11ax HEW20	20	1TX
5.725-5.85GHz	802.11ax HEW20	20	1TX

Beamforming_Radio 2

Band	Mode	BWch	Nant
5.47-5.725GHz	802.11be EHT20-BF	20	4TX
5.725-5.85GHz	802.11be EHT20-BF	20	4TX
5.47-5.725GHz	802.11be EHT40-BF	40	4TX
5.725-5.85GHz	802.11be EHT40-BF	40	4TX
5.47-5.725GHz	802.11be EHT80-BF	80	4TX
5.725-5.85GHz	802.11be EHT80-BF	80	4TX
5.47-5.725GHz	802.11be EHT160-BF	160	4TX

Note:

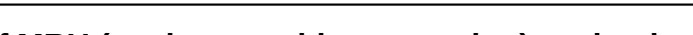
- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ 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 Table of Serial Number

Test item	Serial Number
RF	FVH2849A96T

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 Antenna Information**

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Fii	363.00006	PIFA	I-Pex	2.4G	Radio1,3
					5G	Radio 2
2	Fii	363.00006	Dipole	I-Pex	2.4G	Radio1,3
					5G	Radio 2
3	Fii	363.00006	PIFA	I-Pex	2.4G	Radio 3
					5G	Radio 2
4	Fii	363.00006	Dipole	I-Pex	2.4G	Radio 3
					5G	Radio 2
5	Fii	363.00006	PIFA	I-Pex	6G	Radio 3
6	Fii	363.00006	Dipole	I-Pex	6G	Radio 3
7	Fii	363.00006	PIFA	I-Pex	6G	Radio 3
8	Fii	363.00006	Dipole	I-Pex	6G	Radio 3
9	Fii	363.00006	PIFA	I-Pex	2.4G/5G/6G	Radio 4 Scan
10	Fii	363.00006	PIFA	I-Pex	2.4G/5G/6G	Radio 4 Scan
11	Fii	363.00006	PIFA	I-Pex	BLE&IEEE 802.15.4	BLE&IEEE 802.15.4



Ant.	Port	Gain (dBi)									
		2.4G	5G				6G				BLE& IEEE 802.15.4
			UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	
1	1	2.98	4.33	5.26	4.49	4.73	-	-	-	-	-
2	2	4.79	4.19	4.19	3.89	3.93	-	-	-	-	-
3	4	4.97	4.78	4.93	4.72	4.38	-	-	-	-	-
4	3	3.83	4.89	5.1	5.26	5.05	-	-	-	-	-
5	4	-	-	-	-	-	6.36	4.57	4.89	5.17	-
6	2	-	-	-	-	-	5.4	5.83	5.14	6.96	-
7	1	-	-	-	-	-	5.3	3.39	3.55	3.31	-
8	3	-	-	-	-	-	3.14	4.9	3.21	4.91	-
9	1	4.72	4.19	4.77	3.94	4.55	4.52	4.63	4.06	4.29	-
10	2	3.77	3.18	4.16	4.53	4.08	4.48	3.96	4.03	4.42	-
11	1	-	-	-	-	-	-	-	-	-	4.56

Composite Gain (dBi)			
Ant.	Wi-Fi Mode	2.4G	
		Radio 1	Radio 3
1,2	DG [1SS]	4.79	-
	DG [2SS]	4.79	-
3,4	DG [1SS]	-	4.97
	DG [2SS]	-	4.97
1,2,3,4	DG [1SS]	-	6.95
	DG [2SS]	-	4.97
	DG [4SS]	-	4.97



Composite Gain (dBi)									
Ant.	Wi-Fi Mode	5G				6G			
		Radio 2				Radio 3			
		UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8
1,2,3,4	DG [1SS]	5.31	5.51	5.5	5.08	-	-	-	-
	DG [2SS]	4.89	5.26	5.26	5.05	-	-	-	-
	DG [4SS]	4.89	5.26	5.26	5.05	-	-	-	-
5,6,7,8	DG [1SS]	-	-	-	-	6.36	5.83	5.14	7.36
	DG [2SS]	-	-	-	-	6.36	5.83	5.14	6.96
	DG [4SS]	-	-	-	-	6.36	5.83	5.14	6.96
2,4	DG [1SS]	4.89	5.1	5.26	5.05	-	-	-	-
	DG [2SS]	4.89	5.1	5.26	5.05	-	-	-	-

Note 1: The EUT has eleven antennas.

Note 2: The composite gain is derived as KDB 662911 D03 v02 which was used as directional gain. For more detail information, please refer to the Antenna Pattern Report AP510630.

For 2.4GHz function:

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

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 2 (port 2) and it was recorded in this test report.

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 (1TX/4RX) (Radio 3)

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

Support diversity function and pre-tested on each single chain, the worst case was Ant.4 (port 3) and it was recorded in this test report.

For IEEE 802.11 b/g/n/VHT/ax/be mode (2TX/4RX) (Radio 3)

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

For IEEE 802.11 b/g/n/VHT/ax/be mode (4TX/4RX) (Radio 3)

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

For IEEE 802.11 b/g/n/VHT/ax mode(1TX/2RX) (Radio 4)

Only Ant. 9 (port 1) could transmit.

Ant. 9 (port 1) and Ant. 10 (port 2) could receive.

For 5GHz function:

For IEEE 802.11 a/n/ac/ax/be mode (1TX/4RX) (Radio 2)

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

Support diversity function and pre-tested on each single chain, the worst case was Ant. 4 (port 3) and it was recorded in this test report.

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

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

For IEEE 802.11 a/n/ac mode(1TX/2RX) (Radio 4)



Only Ant. 9 (port 1) could transmit.

Ant. 9 (port 1) and Ant. 10 (port 2) could receive.

For BT function:

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

Ant. 11 (port 1) could transmit/receive.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 11 (port 1) could transmit/receive.

For 6GHz function:

For IEEE 802.11 ax/be mode(1TX/4RX) (Radio 3)

Ant. 5 (port 4), Ant. 6 (port 2), Ant. 7 (port 1), Ant. 8 (port 3) could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was Ant. 5 (port 4) and it was recorded in this test report.

For IEEE 802.11 ax/be mode (2TX/4RX) (Radio 3)

Ant. 5 (port 4), Ant. 6 (port 2), Ant. 7 (port 1), Ant. 8 (port 3) could transmit/receive simultaneously.

For IEEE 802.11 ax/be mode (4TX/4RX) (Radio 3)

Ant. 5 (port 4), Ant. 6 (port 2), Ant. 7 (port 1), Ant. 8 (port 3) could transmit/receive simultaneously.

For IEEE 802.11 ax mode(1TX/2RX) (Radio 4_Scan)

Only Ant. 9 (port 1) could transmit.

Ant. 9 (port 1) and Ant. 10 (port 2) could receive.

1.1.6 EUT Information

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

1.1.7 Mode Test Duty Cycle

Non-Beamforming_Radio 2_Full RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX(Port3)	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	0.976	0.11	5.141m	200
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	0.978	0.1	5.303m	200
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	0.978	0.1	5.391m	200
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	0.978	0.1	5.231m	200

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

Non-Beamforming_Radio 2_Full RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	0.942	0.26	5.141m	200
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	0.976	0.11	5.303m	200
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	0.97	0.13	5.391m	200
802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)	0.978	0.1	5.231m	200

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

Non-Beamforming_Radio 2_Full RU_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.993	0.03	1.981m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.981	0.08	5.141m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.981	0.08	5.303m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.98	0.09	5.394m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_4TX	0.976	0.11	5.231m	200

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

Non-Beamforming_Radio 2_Multi-RU_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	0.842	0.75	1.766m	1k
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	0.886	0.53	2.747m	500
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)	0.799	0.97	1.425m	1k

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

Non-Beamforming_Radio 2_Multi-RU_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	0.885	0.53	2.747m	500
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port2&Port3)	0.8	0.97	1.425m	1k

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

**Non-Beamforming_Radio 2_Multi-RU_4T1S**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	0.886	0.53	2.747m	500
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	0.81	0.92	1.425m	1k

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

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 3_1TX(Port3)	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 7_1TX(Port3)	0.996	0.02	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484 CP 3_1TX(Port3)	0.996	0.02	5.456m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Channel Puncturing_2T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 3	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 4	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 4	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484 CP 3	0.996	0.02	5.456m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Channel Puncturing_4T1S

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 1_4TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT80_Nss 1,(M0),RU484+RU242 CP 3_4TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 2_4TX	0.997	0.01	5.456m	10Hz (DC>=0.98)
802.11be EHT160_Nss 1,(M0),RU996+RU484+RU242 CP 3_4TX	0.996	0.02	5.456m	10Hz (DC>=0.98)

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

Non-Beamforming_Scan Radio

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.993	0.03	2.1m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.194m	10Hz (DC>=0.98)

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

Beamforming_Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.981	0.08	5.141m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.981	0.08	5.303m	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.98	0.09	5.394m	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.976	0.11	5.231m	200

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 C63.10-2020 + Cor.1-2023 + C63.10a-2024
- ♦ 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 v02
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)			
	TEL: 886-3-327-3456		FAX: 886-3-327-0973	
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction	CO04-HY	Lego Lin	21.6~23.1℃ / 54~58%	09/Apr/2025~12/Apr/2025
RF Conducted	TH07-HY	Xun Hsieh	21.2~22.6℃ / 52~64%	15/Jan/2025~19/Mar/2025
Co-location	03CH02-HY	Vasari Huang	19.1~19.9℃ / 48~52%	11/Feb/2025
☒ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)			
	TEL: 886-3-318-0787			
Test site Designation No. TW0008 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
Radiated	03CH09-HY	Lego Lin	17.2~19.8℃ / 52~60%	04/Feb/2025~09/Apr/2025

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	qdart_conn.win.1.0_installer_00099.1
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Non-Beamforming_Radio 2_Full RU_1T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port3)	-
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-
5510MHz	17
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-
5530MHz	17
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-
5570MHz	15.5

**Non-Beamforming_Radio 2_Full RU_2T1S**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-
5180MHz	17
5200MHz	17
5240MHz	17
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-
5180MHz	17
5200MHz	17
5240MHz	17
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-
5190MHz	17
5230MHz	17
5270MHz	17
5310MHz	16
5510MHz	17
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-
5210MHz	17
5290MHz	15.5
5530MHz	17
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17



802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)	-
5570MHz	15.5

Non-Beamforming_Radio 2_Full RU_4T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5500MHz	16.5
5580MHz	16.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11be EHT20_Nss1,(MCS0)_4TX	-
5500MHz	17
5580MHz	17
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT40_Nss1,(MCS0)_4TX	-
5510MHz	17
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80_Nss1,(MCS0)_4TX	-
5530MHz	16.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160_Nss1,(MCS0)_4TX	-
5570MHz	12.5

Non-Beamforming_Radio 2_Multi-RU_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5530MHz	14.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-
5610MHz	12
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-
5690MHz Straddle 5.47-5.725GHz	12.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-
5690MHz Straddle 5.725-5.85GHz	12.5
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)	-
5570MHz	11

**Non-Beamforming_Radio 2_Multi-RU_2T1S**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	-
5530MHz	16
5610MHz	16.5
5690MHz Straddle 5.47-5.725GHz	15.5
5690MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port2&Port3)	-
5570MHz	10

Non-Beamforming_Radio 2_Multi-RU_4T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5530MHz	11.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5610MHz	11.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5690MHz Straddle 5.47-5.725GHz	13
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-
5690MHz Straddle 5.725-5.85GHz	13
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-
5570MHz	10.5

Non-Beamforming_Radio 2_Channel Puncturing_1T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port3)	-
5570MHz	13.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)	-
5570MHz	14

**Non-Beamforming_Radio 2_Channel Puncturing_2T1S**

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	-
5530MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX(Port2&Port3)	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX(Port2&Port3)	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX(Port2&Port3)	-
5570MHz	13
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port2&Port3)	-
5570MHz	14

Non-Beamforming_Radio 2_Channel Puncturing_4T1S

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5530MHz	14.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5570MHz	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-
5570MHz	10.5

**Non-Beamforming_Scan Radio**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5500MHz	15
5580MHz	15
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	15
5720MHz Straddle 5.725-5.85GHz	15
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5500MHz	15
5580MHz	15
5700MHz	14
5720MHz Straddle 5.47-5.725GHz	15
5720MHz Straddle 5.725-5.85GHz	15

Beamforming_Radio 2

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5500MHz	17
5580MHz	17
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5510MHz	17
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5530MHz	16.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5570MHz	12.5

2.2 The Worst Case Measurement Configuration

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

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

The Worst Case Mode for Following Conformance Tests			
Tests Item	Unwanted Emissions		
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.		
Operating Mode < 1GHz	CTX		
1	PoE Mode		
Operating Mode > 1GHz	CTX		
Orthogonal Planes of EUT	X Plane	Y Plane	Z Plane
			
Worst Planes of EUT	V (Radio 2 2TX,4TX)	V (Radio 2 1TX,Scan)	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis
Test Condition	Radiated measurement
Operating Mode	CTX
1	R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+BT
2	R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+BT
3	R1_2.4G(2*2)(ePA)+R2_5G(4*4)+R3_6G(4*4)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4
4	R2_5G(4*4)+R3_2.4G(4*4)(XOR)+R4_Scan:2.4G+5G+6G(1T*2R)+IEEE 802.15.4
Refer to Sporton Test Report No.: FA510630 for Co-location RF Exposure Evaluation and Appendix G for Radiated Emission Co-location.	

2.3 Accessories

Accessories				
Low Profile Mounting Bracket	Brand Name	Cisco	Model Name	AIR-AP-BRACKET-1
Ceiling grid clip	Brand Name	Cisco	Model Name	AIR-AP-T-RAIL-R

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

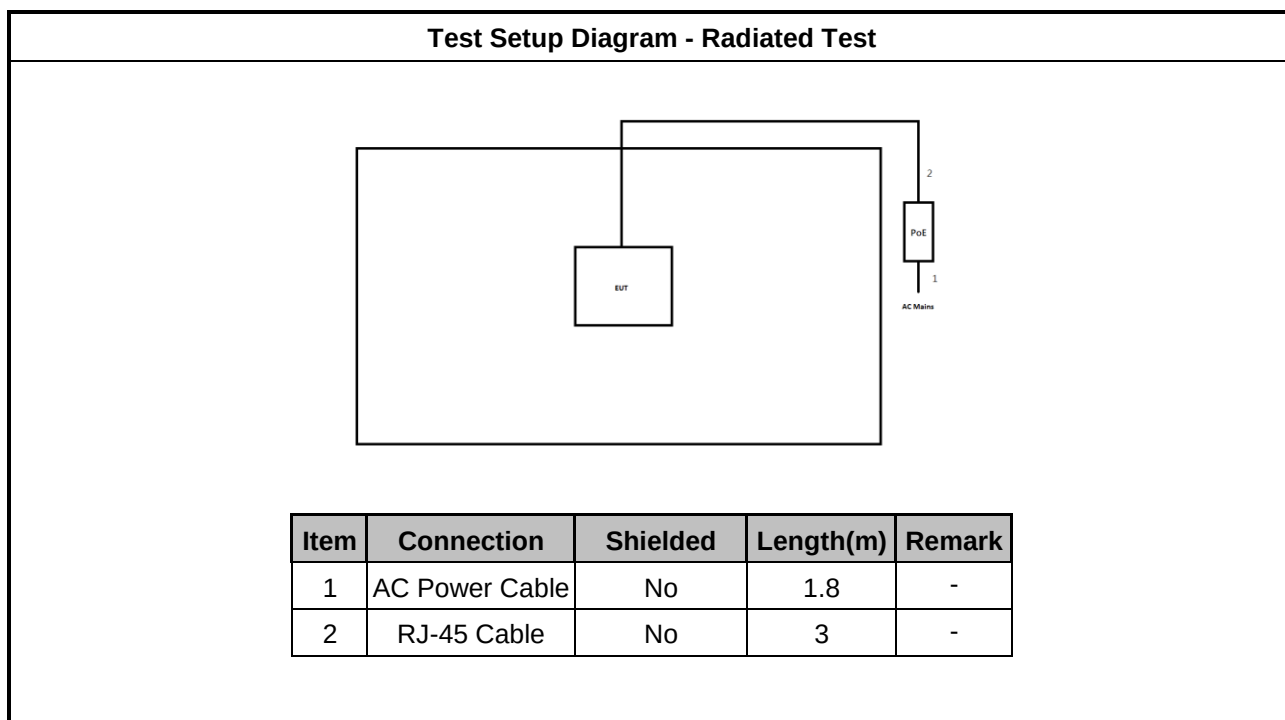
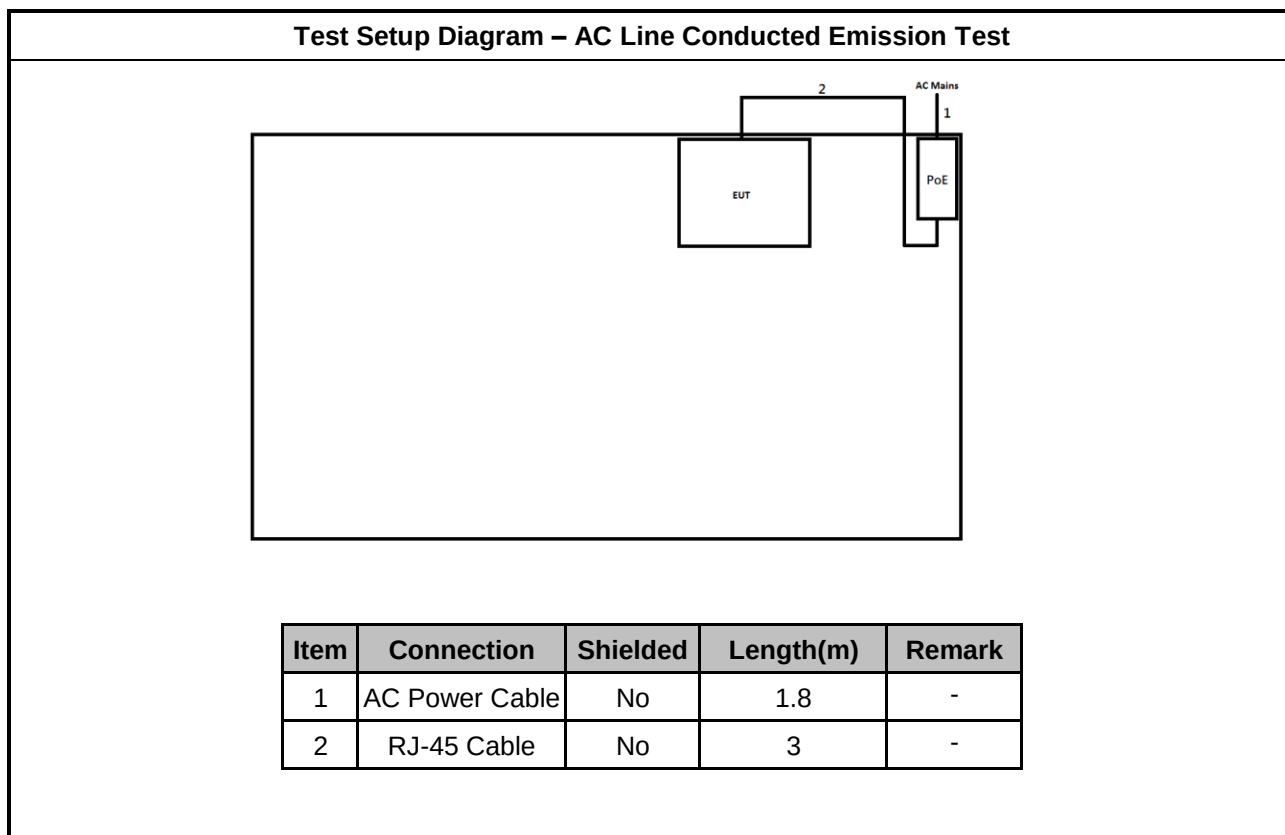
2.4 Support Equipment

Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	PoE	DELTA	ADH-65AR P(D)	-	Provided by Customer
3	AC Power Cable	Power sync	PW-GPC180-3	-	-

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

Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	RJ-45 Cable	Power sync	CAT-6E-03	-	-
2	AC power cable	Power sync	PW-GPC180-3	-	-
3	PoE	DELTA	ADH-65AR P(D)	-	Provided by Customer

2.5 Test Setup Diagram



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

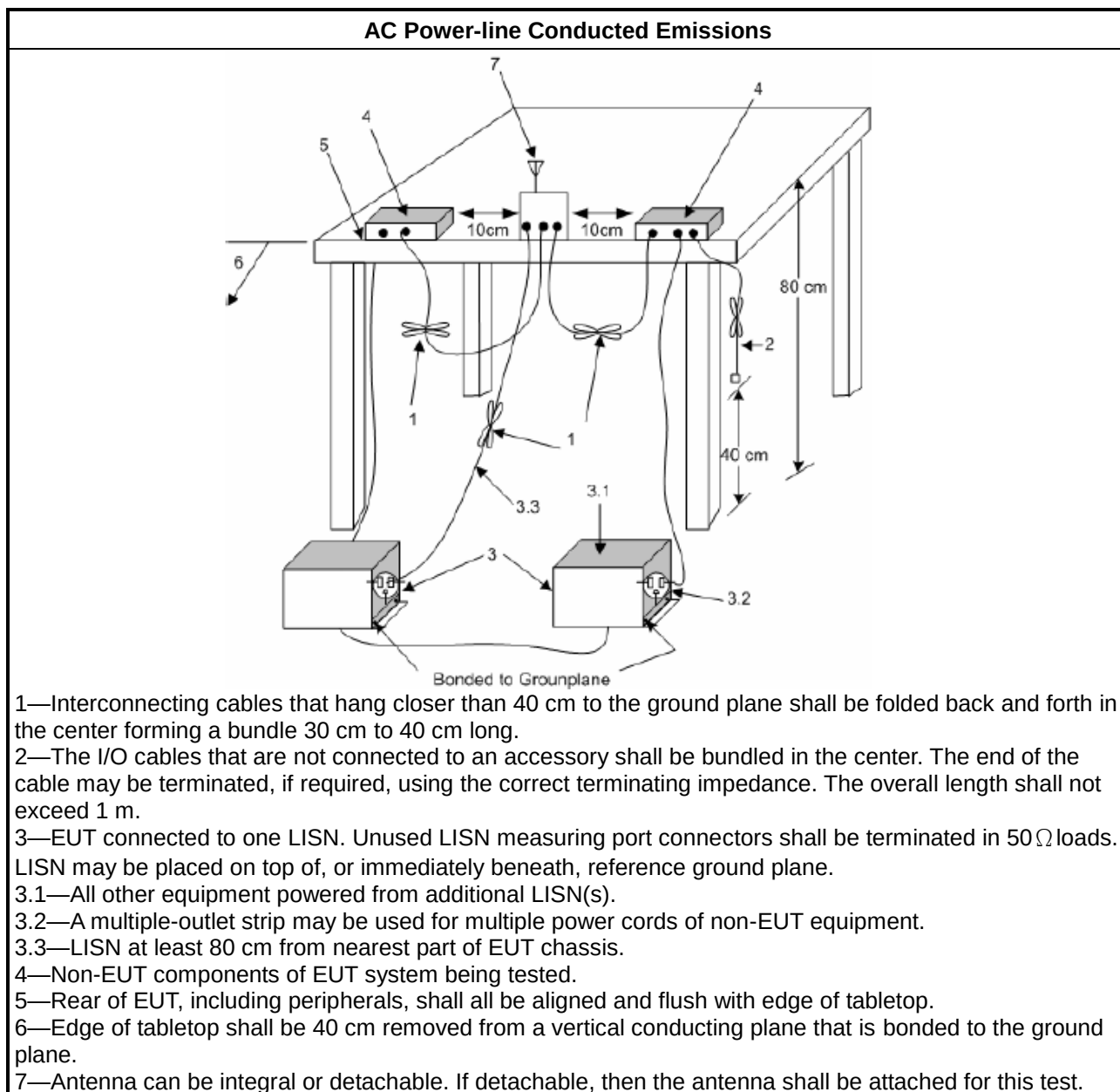
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

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

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

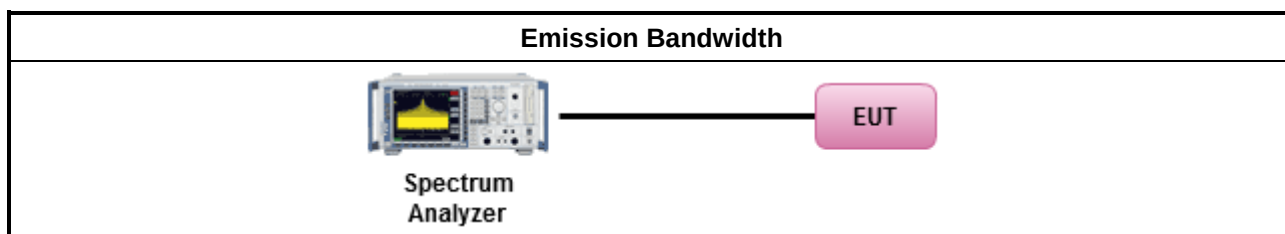
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

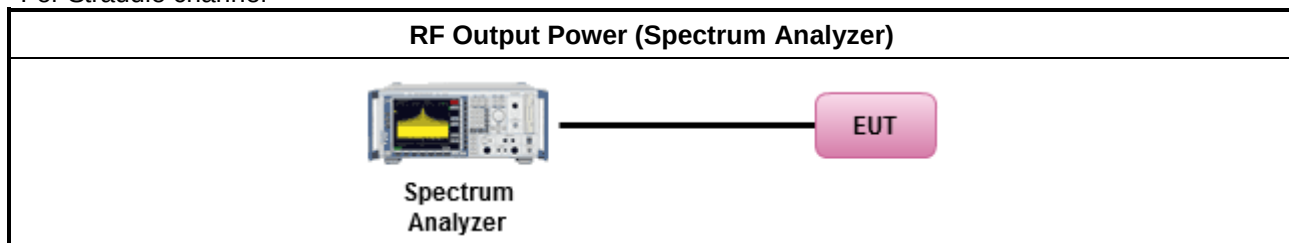
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

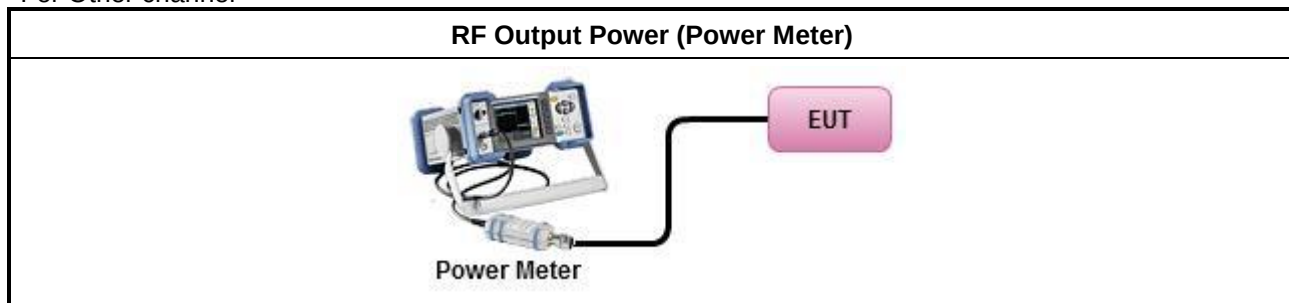
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off periods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

3.3.4 Test Setup

For Straddle channel



For Other channel



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

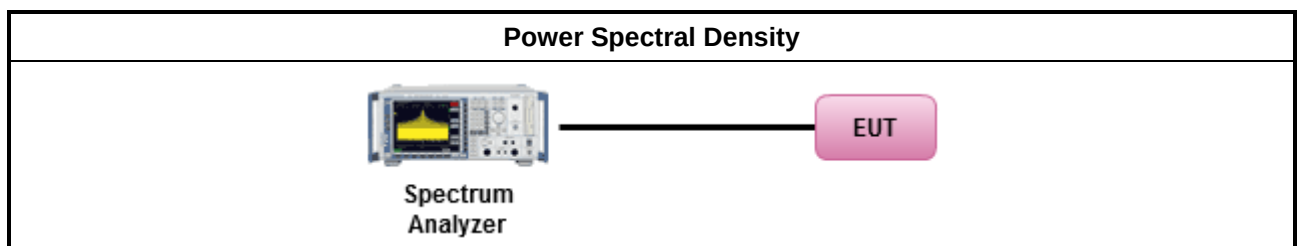
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method	
Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:	
☐ Refer as KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth Duty cycle ≥ 98%	
☒ Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging). Duty cycle < 98%	
☒ Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
For conducted measurement.	
If the EUT supports multiple transmit chains using options given below:	
- Measure and sum the spectra across the outputs. Refer as KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.	
If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

Test Method	
Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	
The average emission levels shall be measured in [duty cycle $\geq$ 98 or duty factor].	
For the transmitter unwanted emissions shall be measured using following options below:	
	Refer as KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as KDB 789033, clause G)1) for unwanted emissions into restricted bands.
	☒ Refer as KDB 789033, G)6) Method VB (ANSI C63.10, clause 4.1.5.2.3), Reduced VBW.
	☒ Refer as KDB 789033, clause G)5) (ANSI C63.10, clause 4.1.5.2.2), measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

Test Method	
For conducted and cabinet radiation measurement, refer as KDB 789033, clause G)3).	
	For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	For KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

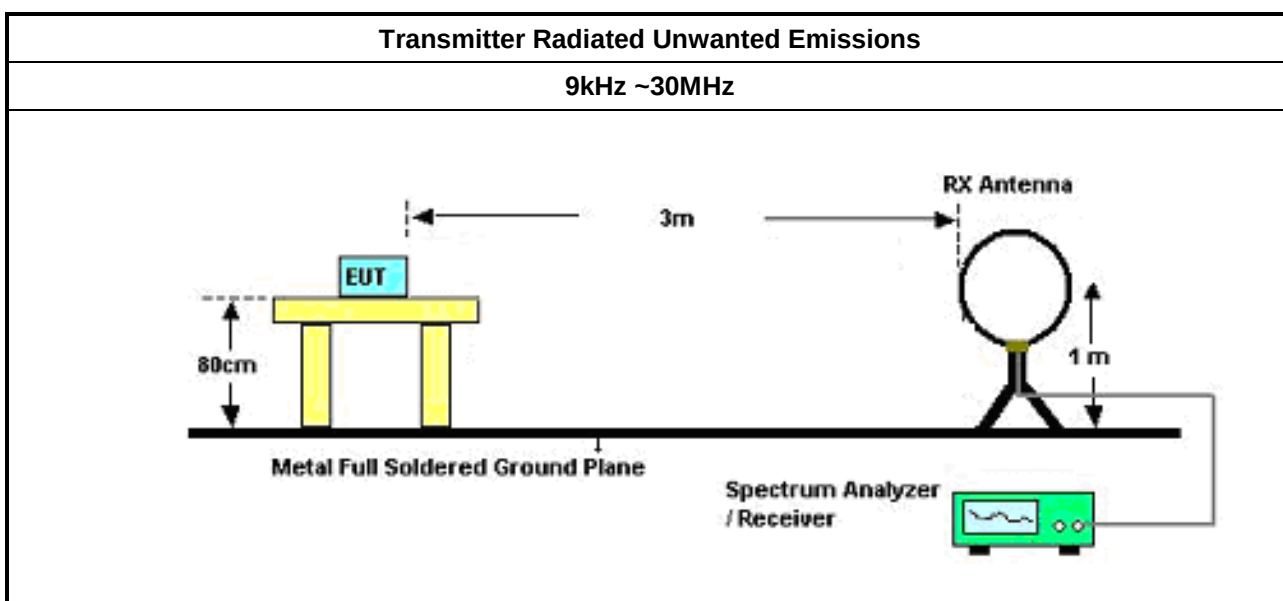
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber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

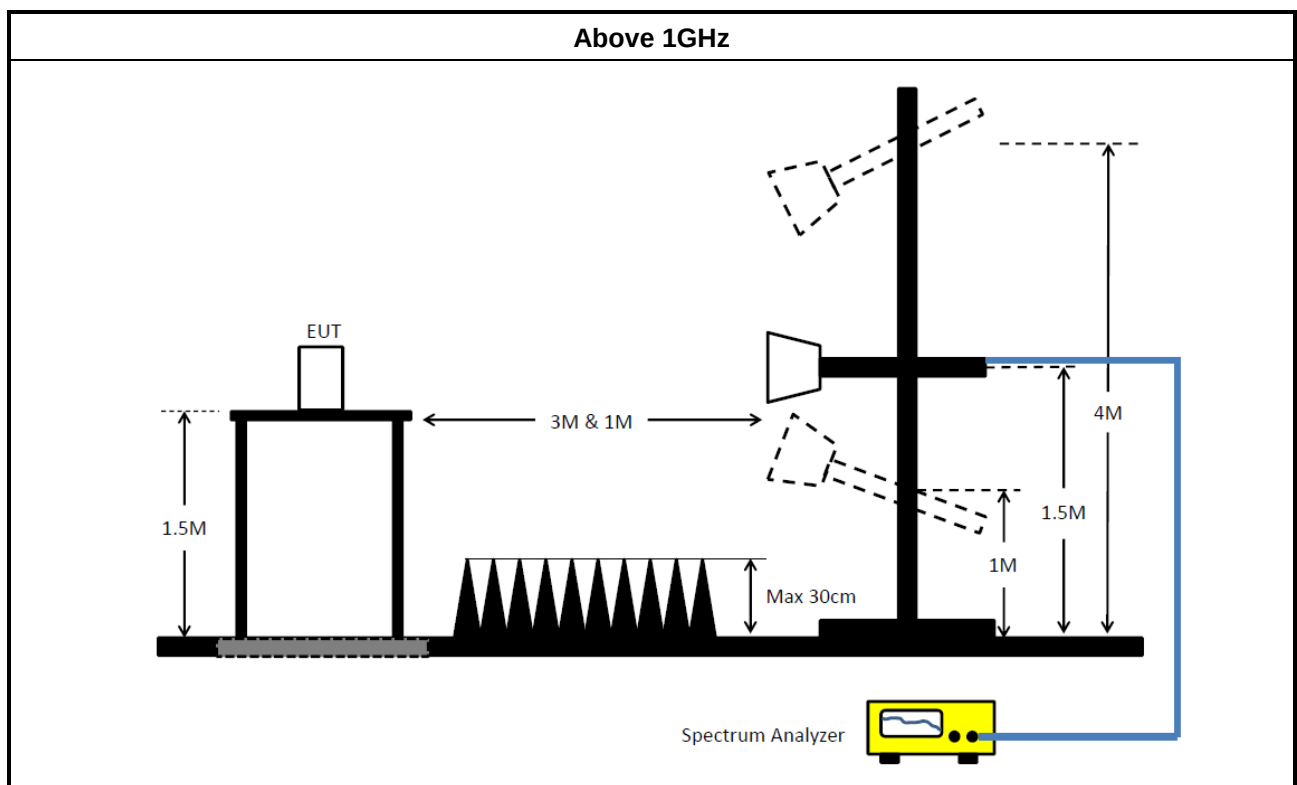
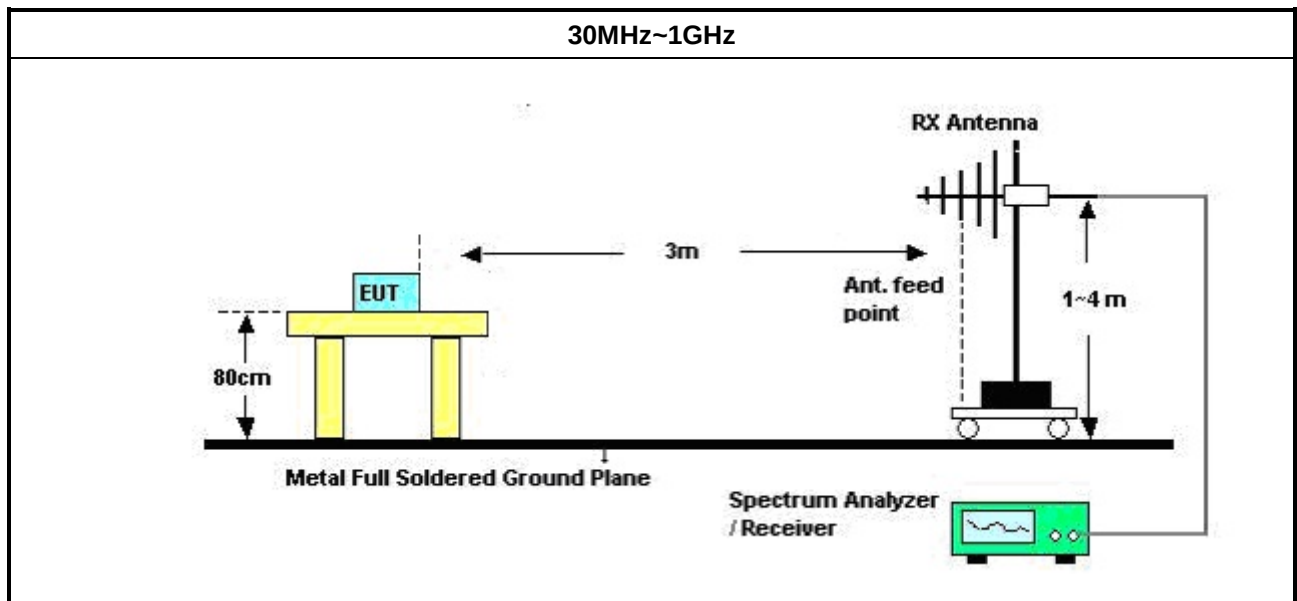
3.5.4 Measurement Results Calculation

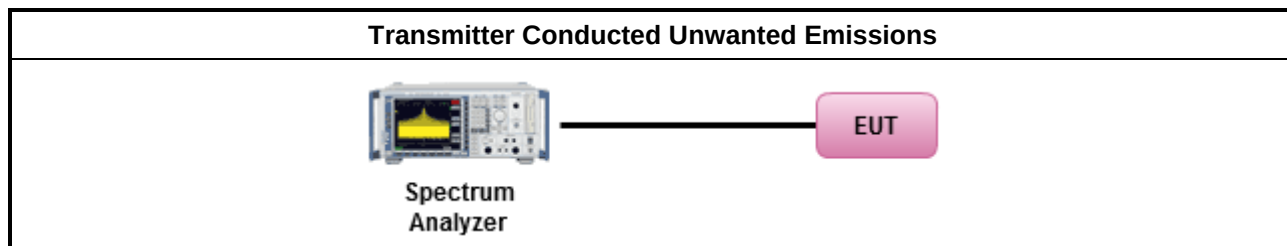
The measured Level is calculated using:

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

3.5.5 Test Setup







3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument for AC Conduction

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102051	9kHz ~ 3.6GHz	17/May/2024	16/May/2025
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	101578	9kHz ~ 30MHz	11/Oct/2024	10/Oct/2025
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	26/Feb/2025	25/Feb/2026
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	17/Oct/2024	16/Oct/2025
Software	Sporton	SENSE-EMI	V5.11.3	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV3044	101439	10Hz~44GHz	23/Dec/2024	22/Dec/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1517010	300MHz~40GHz	18/Dec/2024	17/Dec/2025
Pulse Sensor	Anritsu	MA2411B	1339407	300MHz~40GHz	18/Dec/2024	17/Dec/2025
SENSE-15407_NII	Sporton	V5.11.23	N/A	N/A	N/A	N/A

**Instrument for Radiated Test_Full RU (03CH09-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
N.S.A. Measurement	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	08/Mar/2024	07/Mar/2025
N.S.A. Measurement	TDK	SAC-3M	03CH09-HY	30MHz~1GHz 3m	07/Mar/2025	06/Mar/2026
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	07/Mar/2024	06/Mar/2025
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	06/Mar/2025	05/Mar/2026
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	03/May/2024	02/May/2025
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	04/Oct/2024	03/Oct/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	19/Mar/2024	18/Mar/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 5dB Attenuator	TESEQ & MTJ	CBL6111D&MT J6102-05	35418 & 3	30MHz~1GHz	26/Aug/2024	25/Aug/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	20/Feb/2024	19/Feb/2025
RF Cable-R03m	Jye Bao	RG142	03CH09-cable-01	9kHz~1GHz	19/Feb/2025	18/Feb/2026
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Preamplifier	EMC	EMC9135	980232	9kHz~1GHz	08/Apr/2024	07/Apr/2025
Preamplifier	EMC	EMC9135	980232	9kHz~1GHz	09/Apr/2025	08/Apr/2026
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407_NII	Sporton	V5.11.21	NA	NA	NA	NA

Instrument for Radiated Test_Multi-RU, Channel Puncturing (03CH09-HY)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Site V.S.W.R	TDK	SAC-3M	03CH09-HY	1GHz~18GHz 3m	07/Mar/2024	06/Mar/2025
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200885	10Hz~44GHz	04/Oct/2024	03/Oct/2025
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1531	1GHz ~ 18GHz	20/Dec/2024	19/Dec/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF CABLE 5m+3m+1m	HUBER+SUHNER	SUCOFLEX104	03CH09-cable-02	1GHz~40GHz	07/Oct/2024	06/Oct/2025
Microwave Preamplifier	Agilent	8449B	3008A02096	1GHz~26.5GHz	19/Jul/2024	18/Jul/2025
Amplifier	EM	EM18G40GA	060874	18GHz~40GHz	15/Apr/2024	14/Apr/2025
SENSE-15407_NII	Sporton	V5.11.21	NA	NA	NA	NA

**Instrument for Radiated Test Co-location**

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



Conducted Emissions at Powerline_Radio 2

Appendix A.1

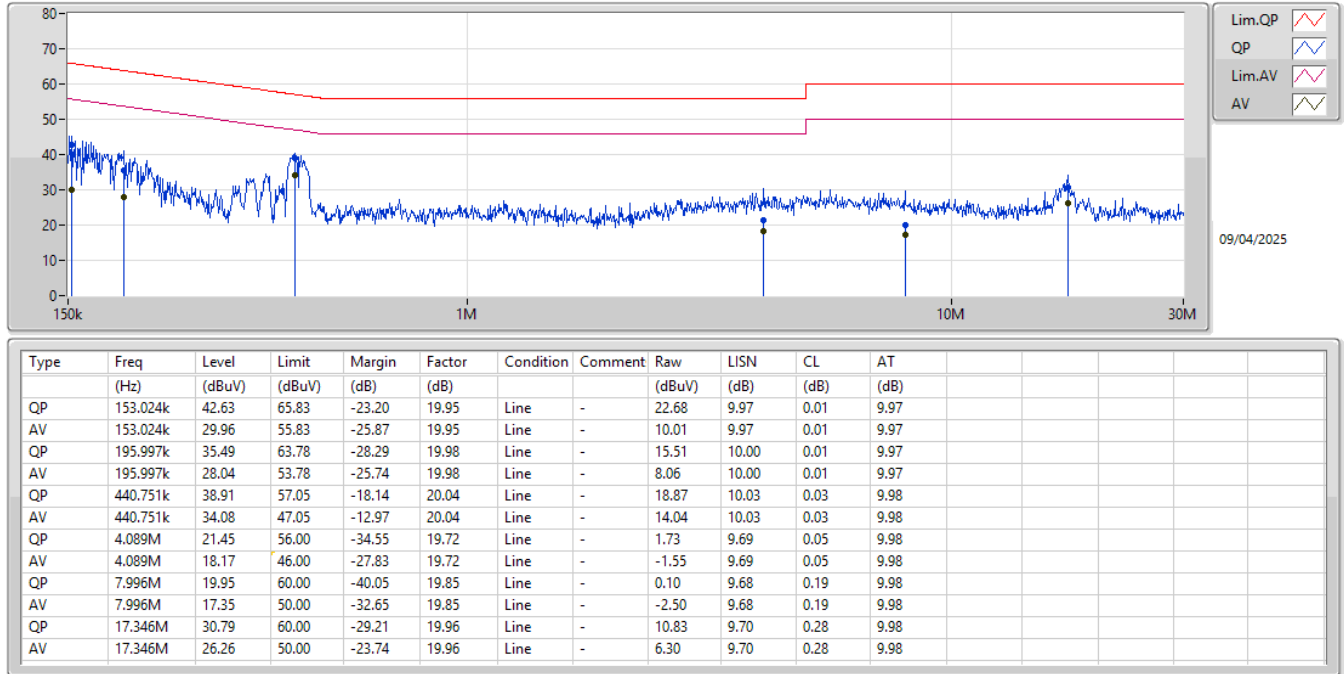
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	440.751k	34.08	47.05	-12.97	Line

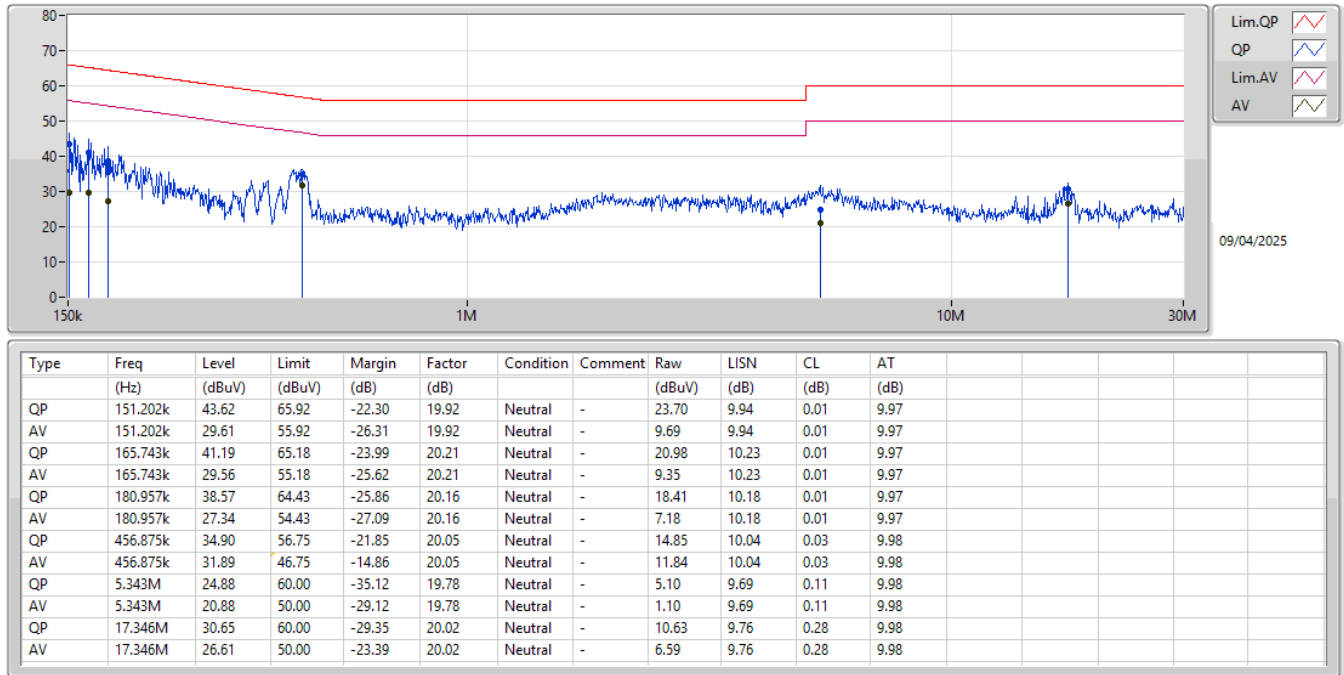
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	153.024k	42.63	65.83	-23.20	Line	-
Mode 1	Pass	AV	153.024k	29.96	55.83	-25.87	Line	-
Mode 1	Pass	QP	195.997k	35.49	63.78	-28.29	Line	-
Mode 1	Pass	AV	195.997k	28.04	53.78	-25.74	Line	-
Mode 1	Pass	QP	440.751k	38.91	57.05	-18.14	Line	-
Mode 1	Pass	AV	440.751k	34.08	47.05	-12.97	Line	-
Mode 1	Pass	QP	4.089M	21.45	56.00	-34.55	Line	-
Mode 1	Pass	AV	4.089M	18.17	46.00	-27.83	Line	-
Mode 1	Pass	QP	7.996M	19.95	60.00	-40.05	Line	-
Mode 1	Pass	AV	7.996M	17.35	50.00	-32.65	Line	-
Mode 1	Pass	QP	17.346M	30.79	60.00	-29.21	Line	-
Mode 1	Pass	AV	17.346M	26.26	50.00	-23.74	Line	-
Mode 1	Pass	QP	151.202k	43.62	65.92	-22.30	Neutral	-
Mode 1	Pass	AV	151.202k	29.61	55.92	-26.31	Neutral	-
Mode 1	Pass	QP	165.743k	41.19	65.18	-23.99	Neutral	-
Mode 1	Pass	AV	165.743k	29.56	55.18	-25.62	Neutral	-
Mode 1	Pass	QP	180.957k	38.57	64.43	-25.86	Neutral	-
Mode 1	Pass	AV	180.957k	27.34	54.43	-27.09	Neutral	-
Mode 1	Pass	QP	456.875k	34.90	56.75	-21.85	Neutral	-
Mode 1	Pass	AV	456.875k	31.89	46.75	-14.86	Neutral	-
Mode 1	Pass	QP	5.343M	24.88	60.00	-35.12	Neutral	-
Mode 1	Pass	AV	5.343M	20.88	50.00	-29.12	Neutral	-
Mode 1	Pass	QP	17.346M	30.65	60.00	-29.35	Neutral	-
Mode 1	Pass	AV	17.346M	26.61	50.00	-23.39	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





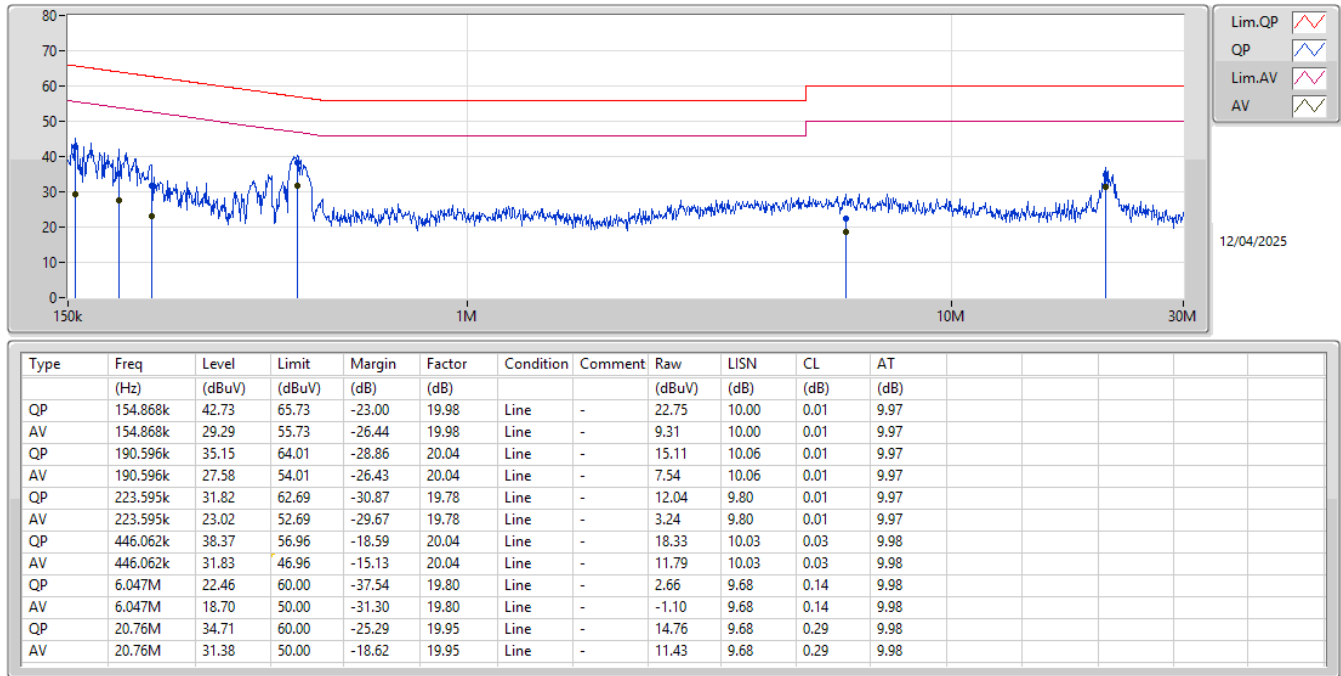
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	446.062k	31.83	46.96	-15.13	Line

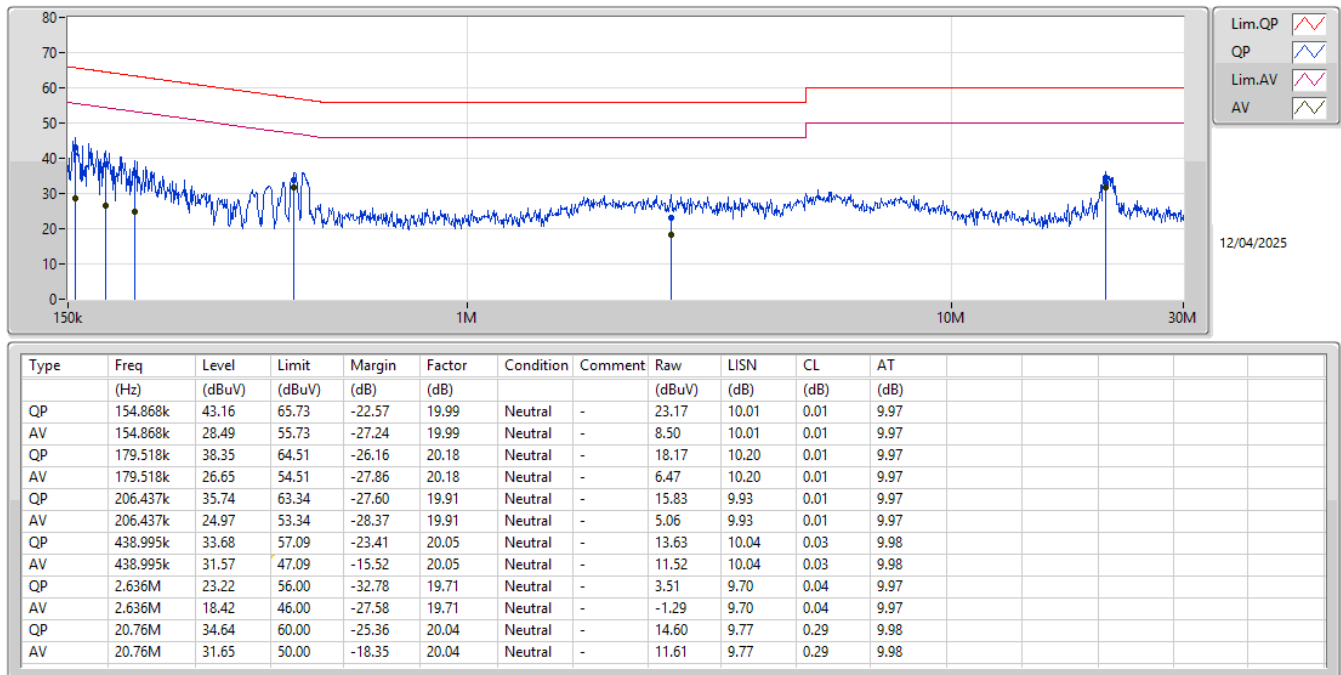
Result

Mode	Result	Type	Freq (Hz)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	154.868k	42.73	65.73	-23.00	Line	-
Mode 1	Pass	AV	154.868k	29.29	55.73	-26.44	Line	-
Mode 1	Pass	QP	190.596k	35.15	64.01	-28.86	Line	-
Mode 1	Pass	AV	190.596k	27.58	54.01	-26.43	Line	-
Mode 1	Pass	QP	223.595k	31.82	62.69	-30.87	Line	-
Mode 1	Pass	AV	223.595k	23.02	52.69	-29.67	Line	-
Mode 1	Pass	QP	446.062k	38.37	56.96	-18.59	Line	-
Mode 1	Pass	AV	446.062k	31.83	46.96	-15.13	Line	-
Mode 1	Pass	QP	6.047M	22.46	60.00	-37.54	Line	-
Mode 1	Pass	AV	6.047M	18.70	50.00	-31.30	Line	-
Mode 1	Pass	QP	20.76M	34.71	60.00	-25.29	Line	-
Mode 1	Pass	AV	20.76M	31.38	50.00	-18.62	Line	-
Mode 1	Pass	QP	154.868k	43.16	65.73	-22.57	Neutral	-
Mode 1	Pass	AV	154.868k	28.49	55.73	-27.24	Neutral	-
Mode 1	Pass	QP	179.518k	38.35	64.51	-26.16	Neutral	-
Mode 1	Pass	AV	179.518k	26.65	54.51	-27.86	Neutral	-
Mode 1	Pass	QP	206.437k	35.74	63.34	-27.60	Neutral	-
Mode 1	Pass	AV	206.437k	24.97	53.34	-28.37	Neutral	-
Mode 1	Pass	QP	438.995k	33.68	57.09	-23.41	Neutral	-
Mode 1	Pass	AV	438.995k	31.57	47.09	-15.52	Neutral	-
Mode 1	Pass	QP	2.636M	23.22	56.00	-32.78	Neutral	-
Mode 1	Pass	AV	2.636M	18.42	46.00	-27.58	Neutral	-
Mode 1	Pass	QP	20.76M	34.64	60.00	-25.36	Neutral	-
Mode 1	Pass	AV	20.76M	31.65	50.00	-18.35	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	22.11M	16.92M	16M9D1D	15.915M	13.308M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	21.56M	19.12M	19M1D1D	15.24M	14.495M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	41.91M	37.96M	38M0D1D	36.4M	33.939M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	86.02M	77.745M	77M7D1D	75.225M	73.258M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	161.92M	157.02M	157MD1D	161.92M	157.02M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	3.3M	4.313M	4M31D1D	3.3M	4.313M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	4.54M	4.642M	4M64D1D	4.54M	4.642M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	4.1M	4.169M	4M17D1D	4.1M	4.169M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	4.1M	5.894M	5M89D1D	4.1M	5.894M

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

Result

Mode	Result	Limit (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-
5500MHz	Pass	Inf	22.11M	16.92M
5580MHz	Pass	Inf	21.505M	16.645M
5700MHz	Pass	Inf	21.45M	16.84M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.915M	13.308M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.3M	4.313M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5500MHz	Pass	Inf	21.45M	19.011M
5580MHz	Pass	Inf	20.79M	19.12M
5700MHz	Pass	Inf	21.56M	18.977M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.24M	14.495M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.642M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5510MHz	Pass	Inf	41.91M	37.96M
5550MHz	Pass	Inf	41.36M	37.897M
5670MHz	Pass	Inf	40.92M	37.891M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.4M	33.939M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.169M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5530MHz	Pass	Inf	81.84M	77.14M
5610MHz	Pass	Inf	86.02M	77.745M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.225M	73.258M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	5.894M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5570MHz	Pass	Inf	161.92M	157.02M

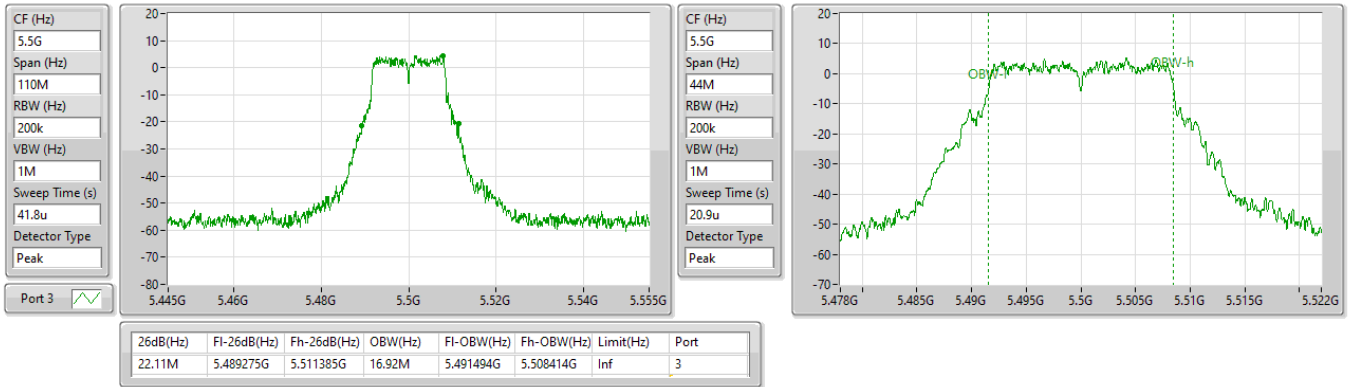
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5500MHz

25/01/2025

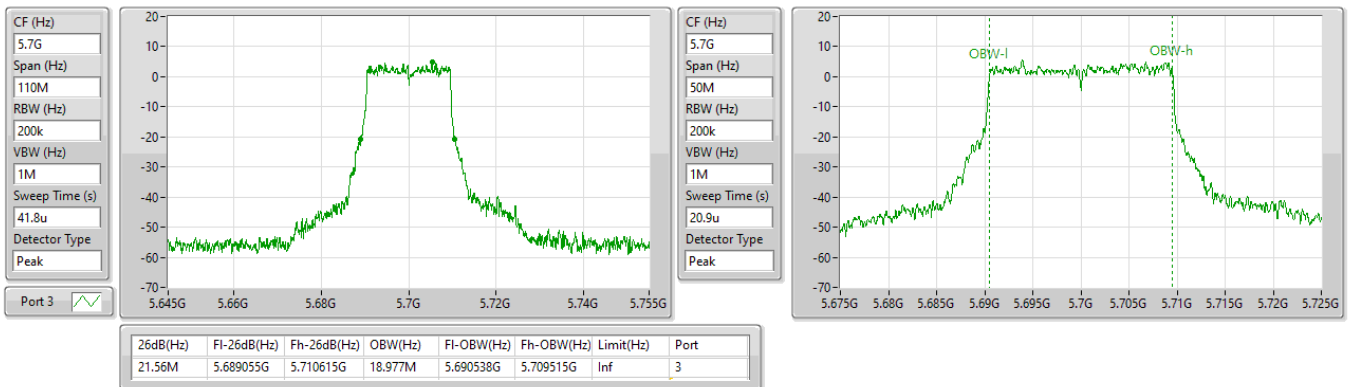


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5700MHz

25/01/2025

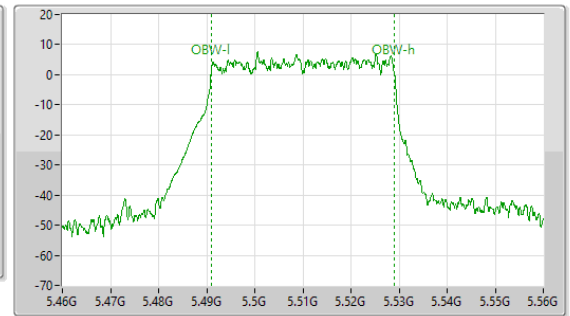
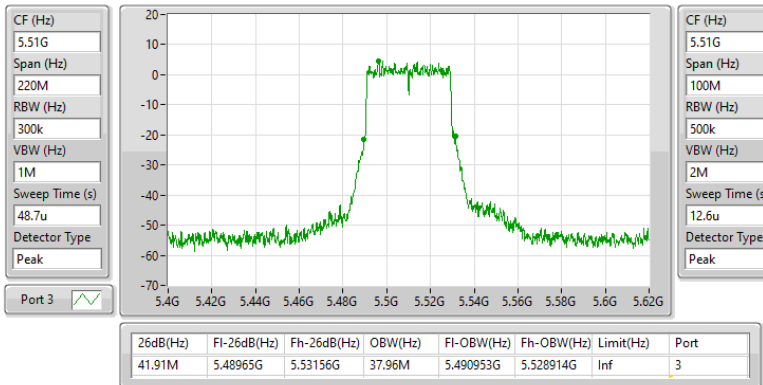


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5510MHz

27/01/2025

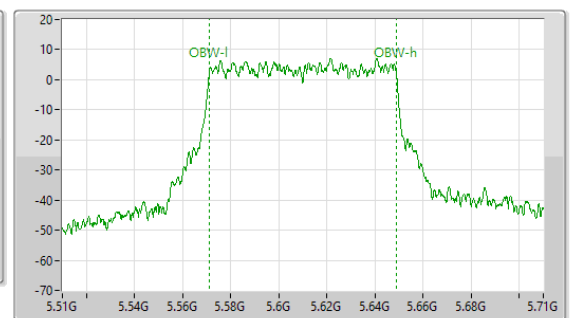
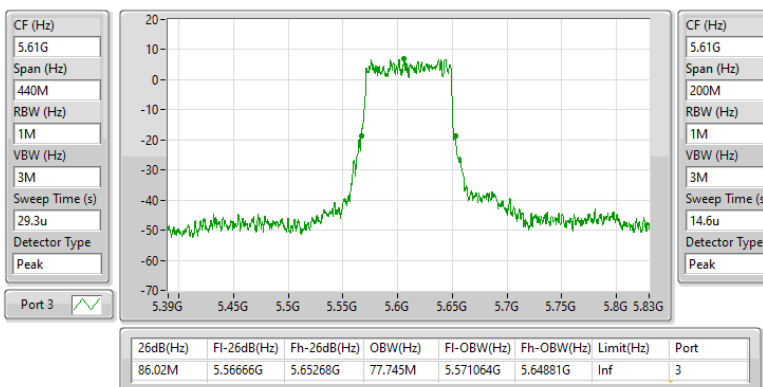


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5610MHz

27/01/2025

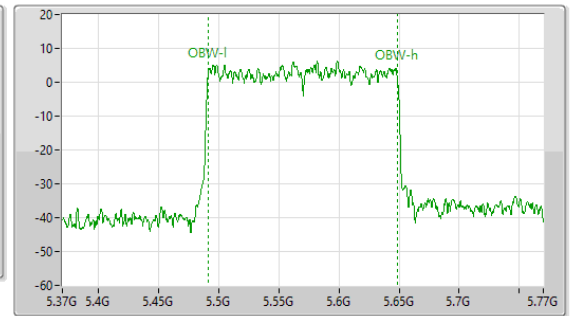
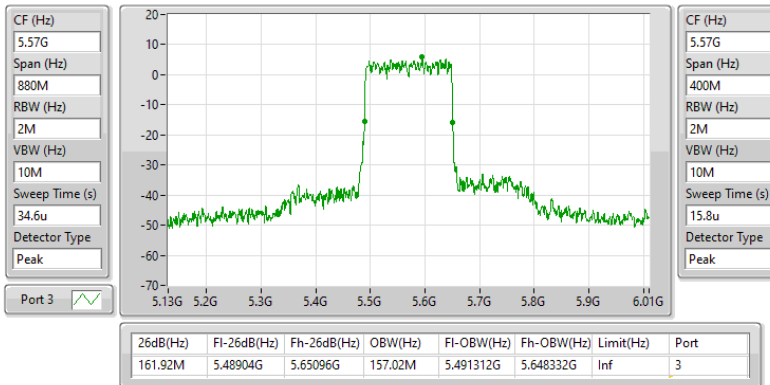


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

EBW

5570MHz

27/01/2025

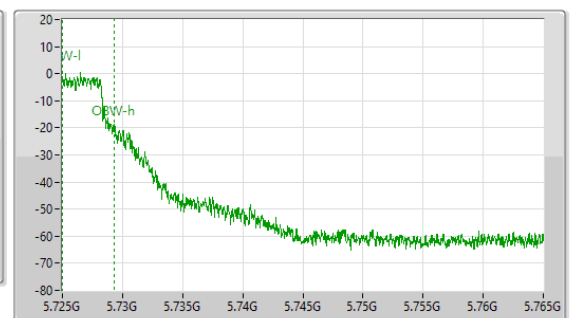
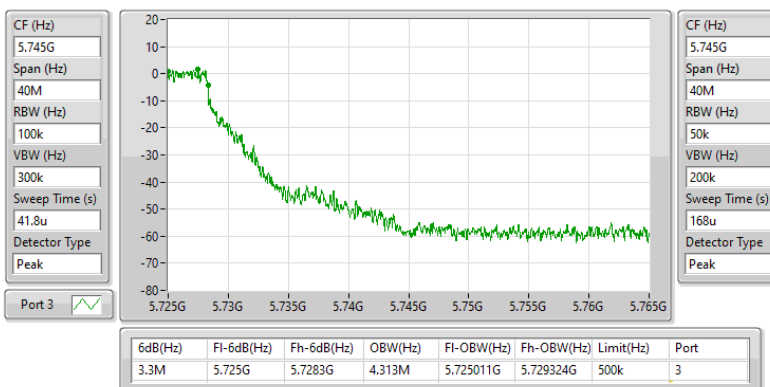


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

25/01/2025

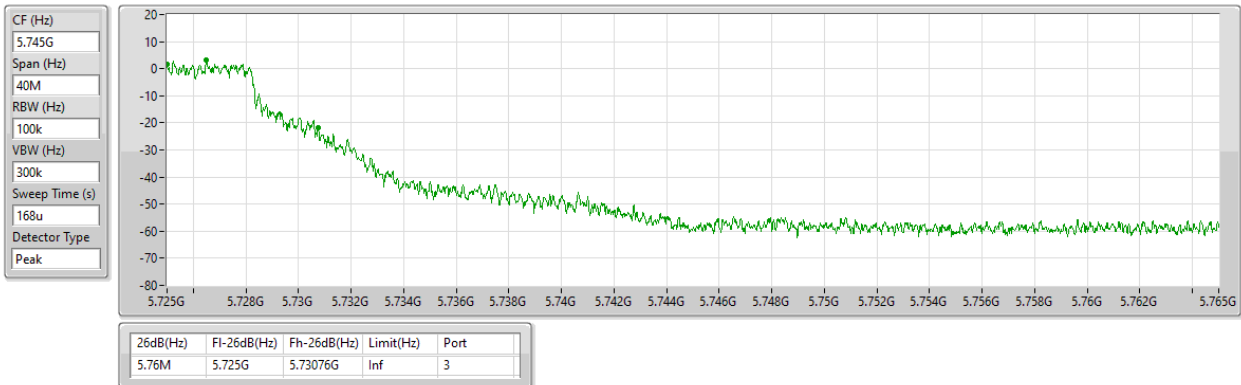


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

25/01/2025

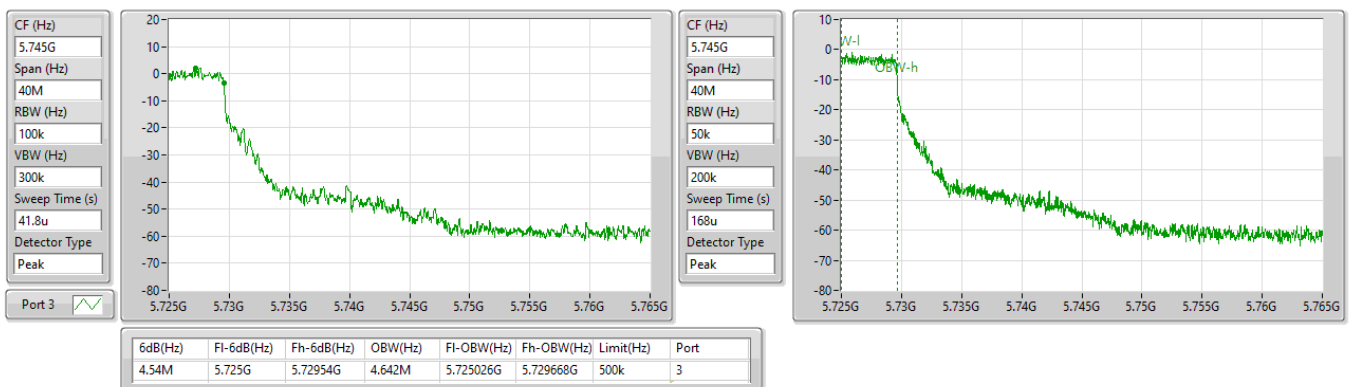


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

25/01/2025

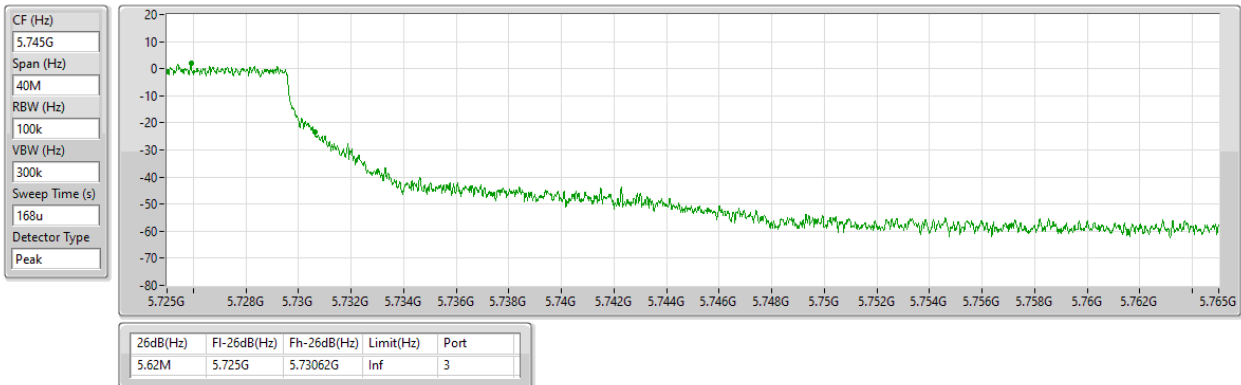


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

25/01/2025

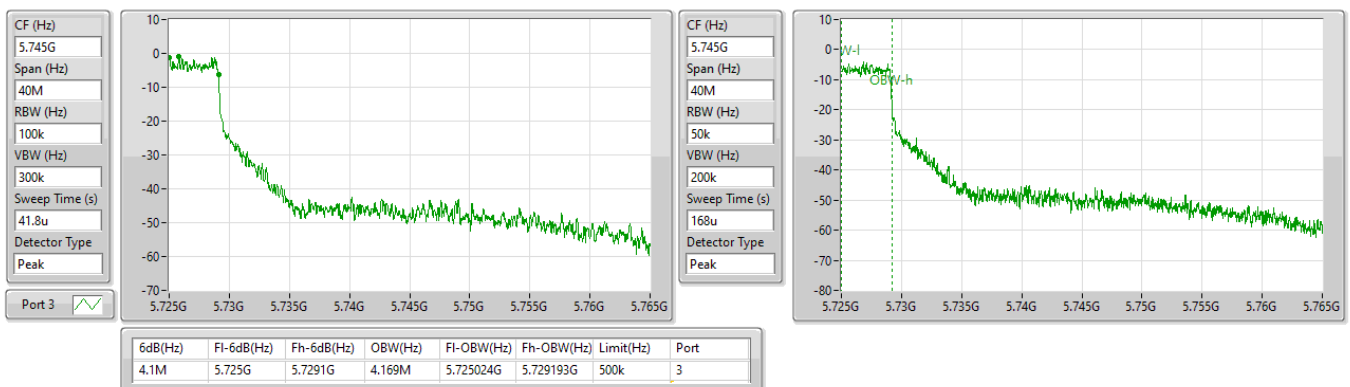


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

27/01/2025

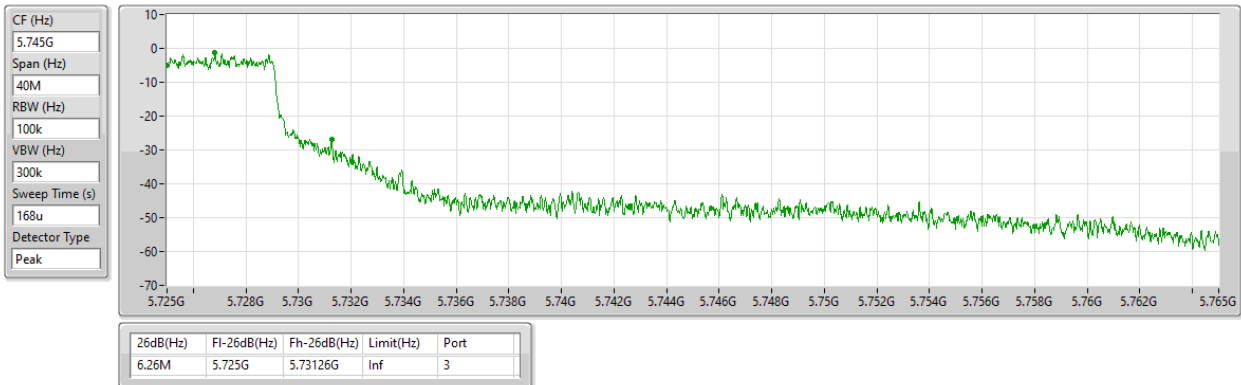


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

27/01/2025

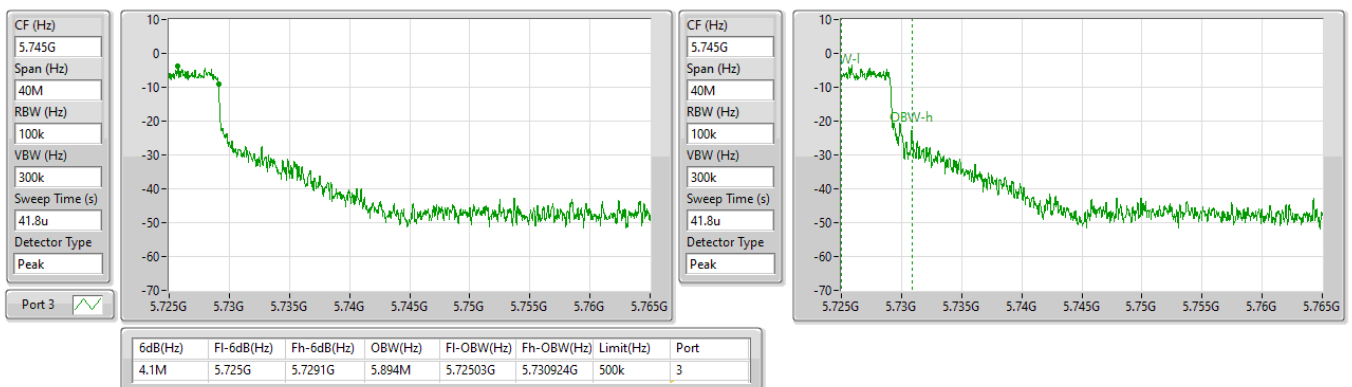


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

27/01/2025



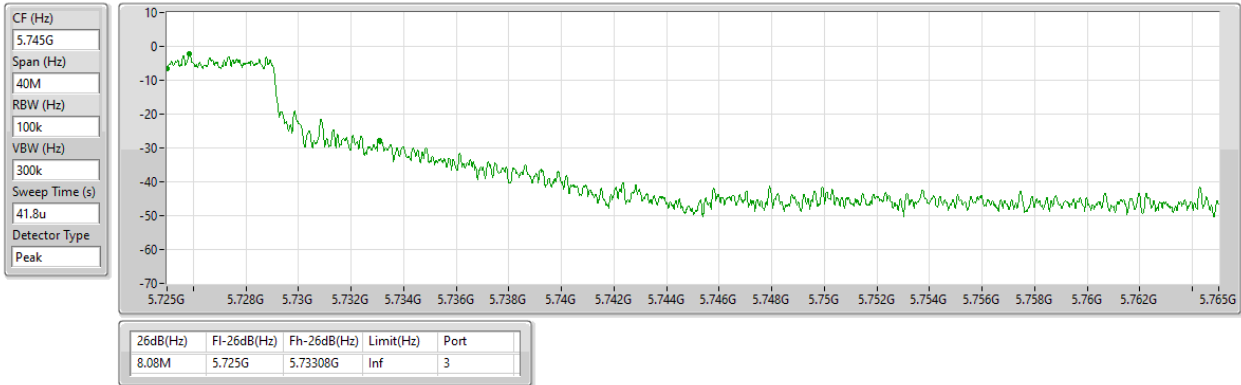


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

27/01/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	21.89M	16.794M	16M8D1D	15.78M	13.264M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	22.33M	19.062M	19M1D1D	15.75M	14.47M
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	43.89M	38.04M	38M0D1D	35.595M	33.79M
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	85.36M	77.78M	77M8D1D	76.5M	73.42M
802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)	162.8M	156.922M	157MD1D	161.48M	156.722M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	3.3M	4.352M	4M35D1D	3.26M	4.316M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	4.58M	4.592M	4M59D1D	4.52M	4.574M
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	4.12M	4.195M	4M20D1D	4.1M	4.188M
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	4.08M	6.11M	6M11D1D	4.02M	5.871M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
5500MHz	Pass	Inf	21.725M	16.77M	21.89M	16.719M
5580MHz	Pass	Inf	21.89M	16.614M	21.285M	16.794M
5700MHz	Pass	Inf	21.89M	16.615M	21.67M	16.751M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.975M	13.297M	15.78M	13.264M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	4.316M	3.3M	4.352M
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5500MHz	Pass	Inf	22.33M	19.055M	21.89M	19.028M
5580MHz	Pass	Inf	22.055M	19.062M	21.725M	19.017M
5700MHz	Pass	Inf	20.955M	19.015M	20.845M	18.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.99M	14.47M	15.75M	14.471M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	4.592M	4.52M	4.574M
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5510MHz	Pass	Inf	43.12M	37.896M	41.91M	38.029M
5550MHz	Pass	Inf	40.7M	37.977M	41.58M	37.901M
5670MHz	Pass	Inf	41.47M	38.04M	43.89M	37.914M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.68M	34.027M	35.595M	33.79M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	4.195M	4.1M	4.188M
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5530MHz	Pass	Inf	85.36M	77.276M	85.36M	77.78M
5610MHz	Pass	Inf	82.28M	77.736M	85.14M	77.612M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.42M	77.775M	73.624M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	5.871M	4.02M	6.11M
802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5570MHz	Pass	Inf	161.48M	156.722M	162.8M	156.922M

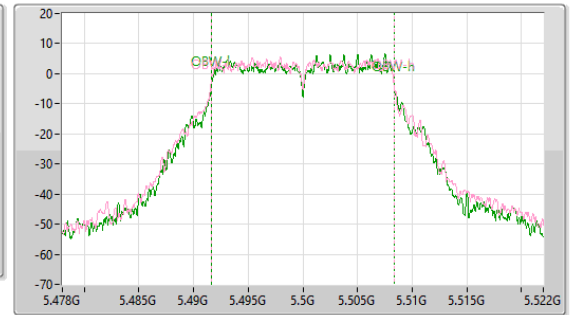
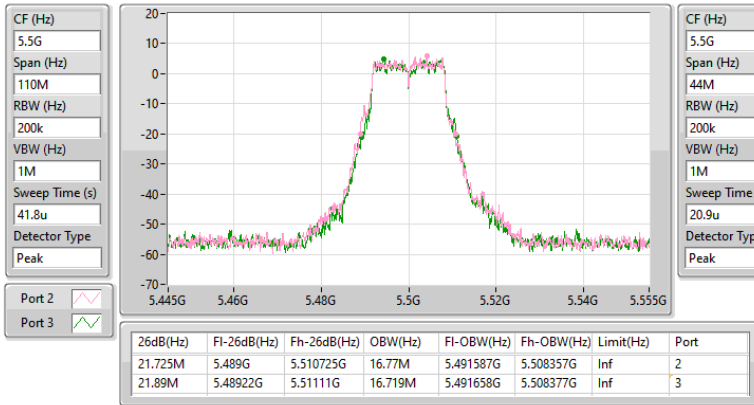
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

EBW

5500MHz

27/01/2025

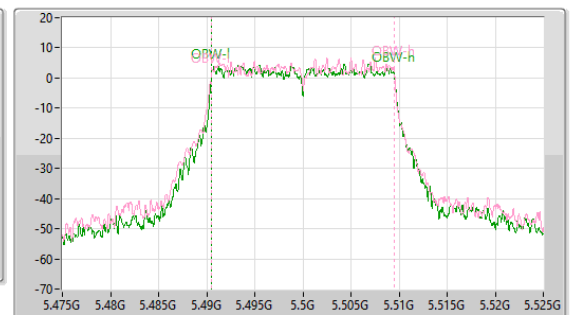
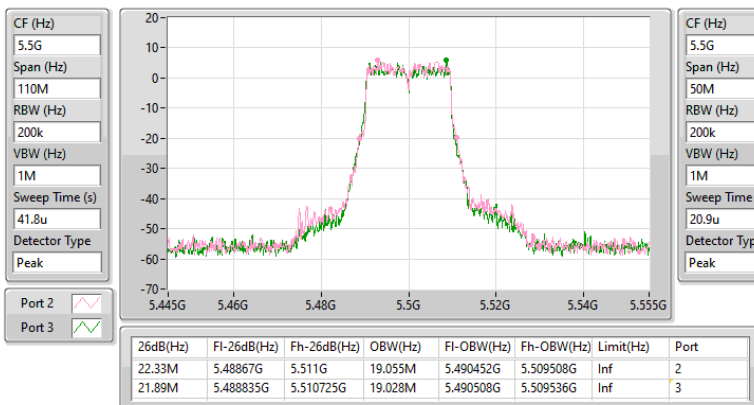


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5500MHz

27/01/2025

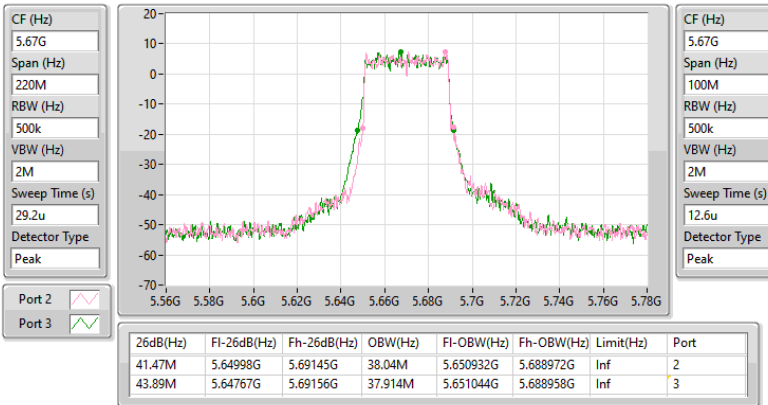


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5670MHz

27/01/2025

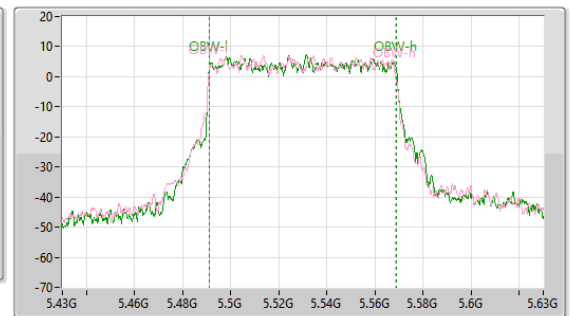
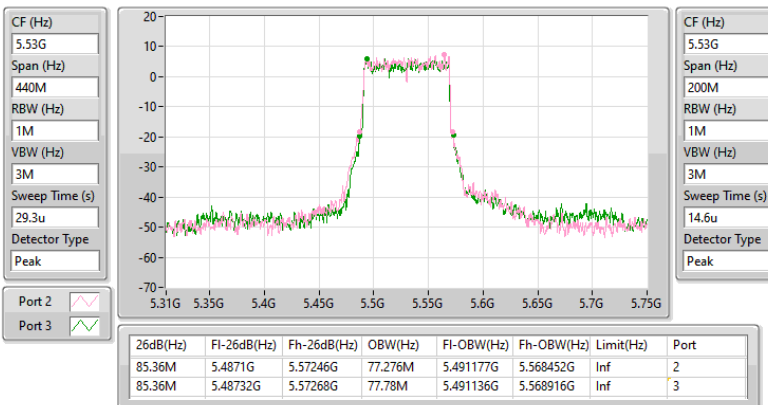


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5530MHz

27/01/2025

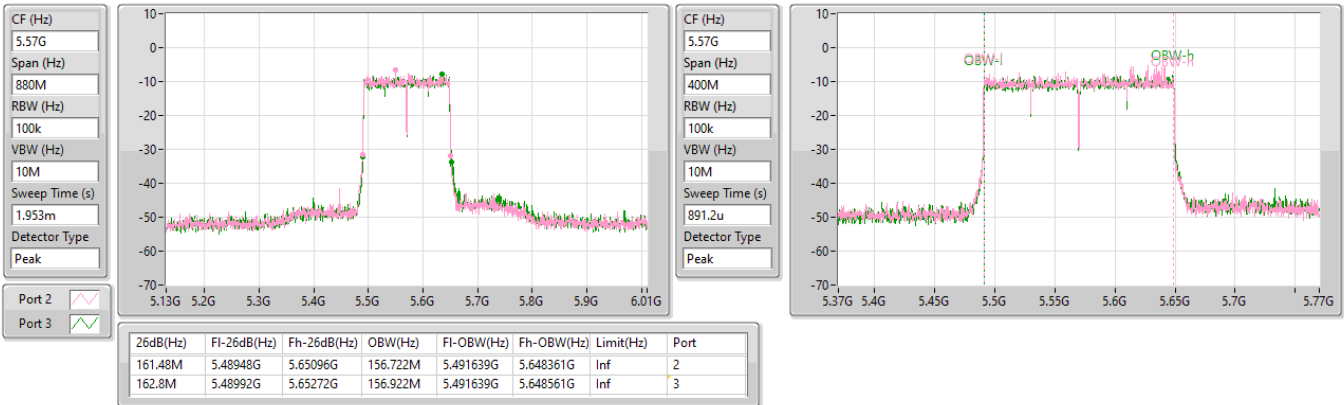


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5570MHz

14/03/2025

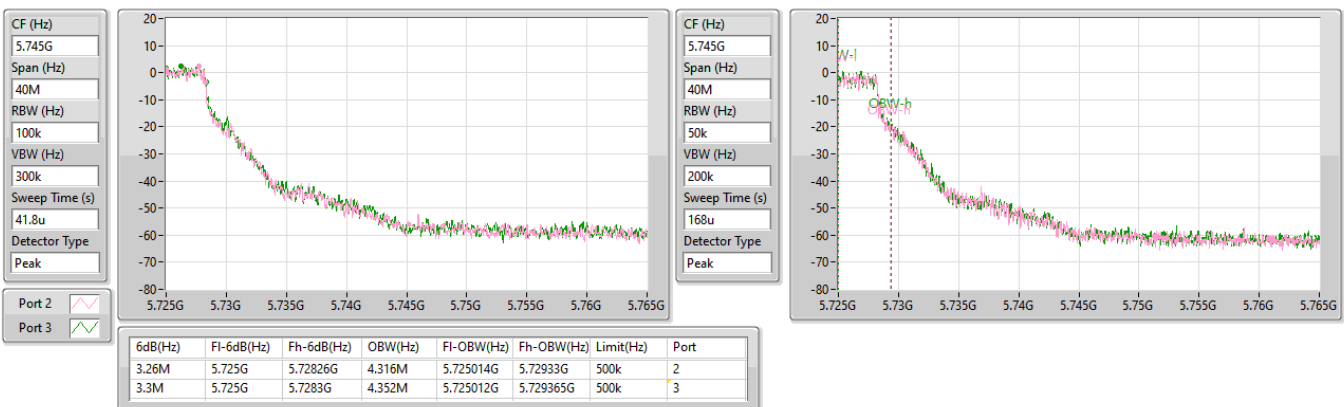


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

27/01/2025

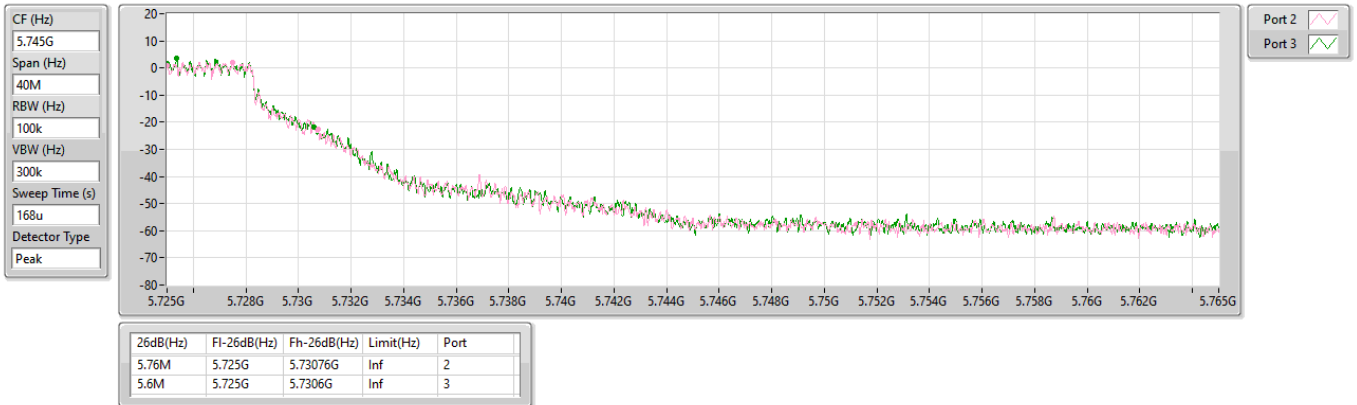


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

27/01/2025

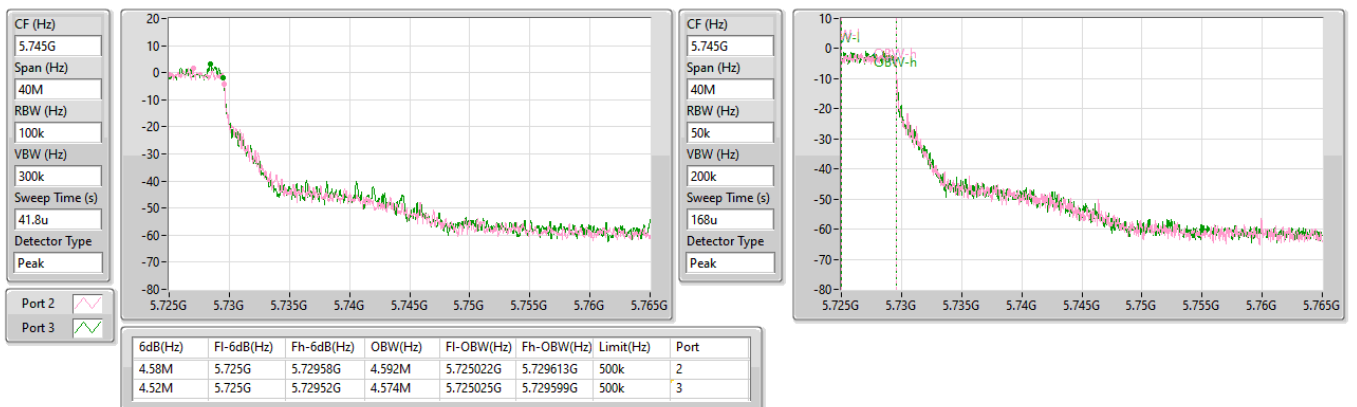


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

27/01/2025

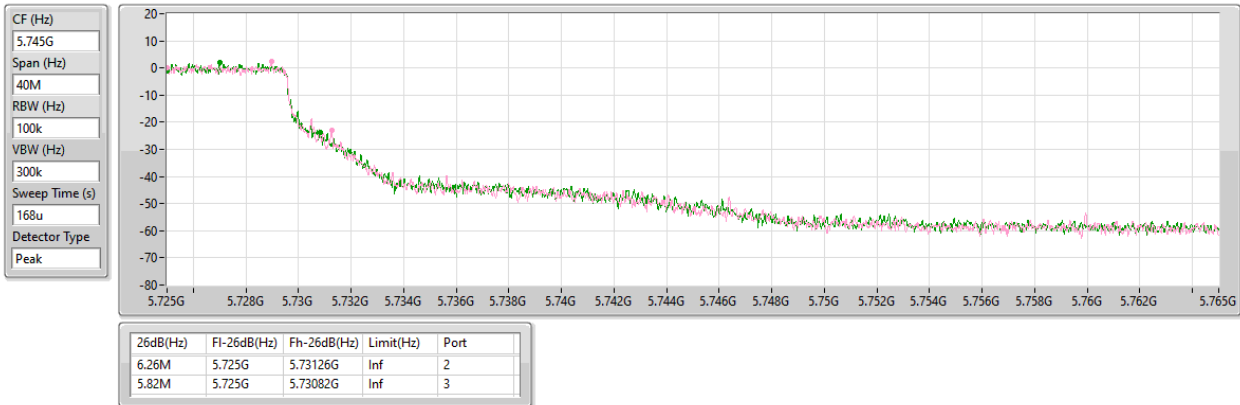


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

27/01/2025

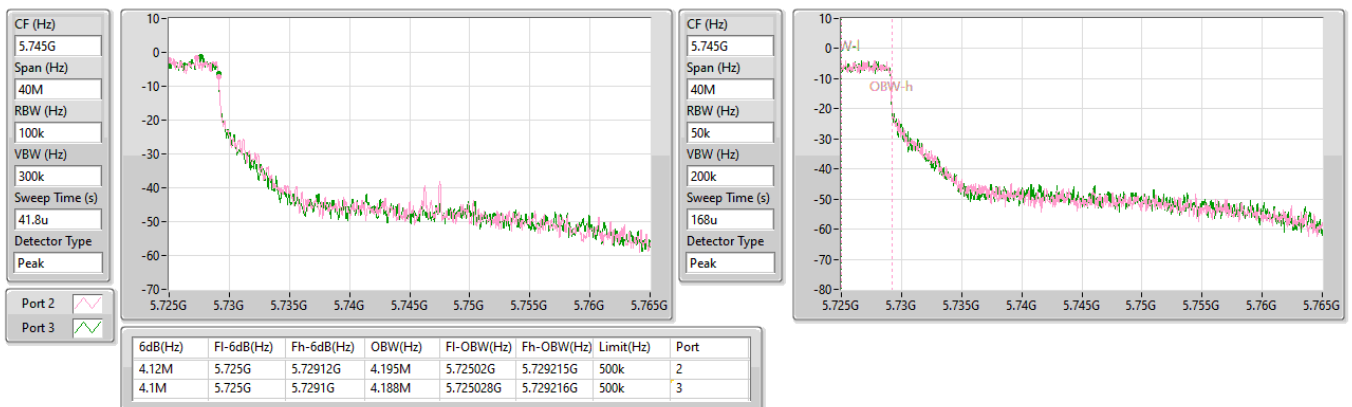


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

27/01/2025

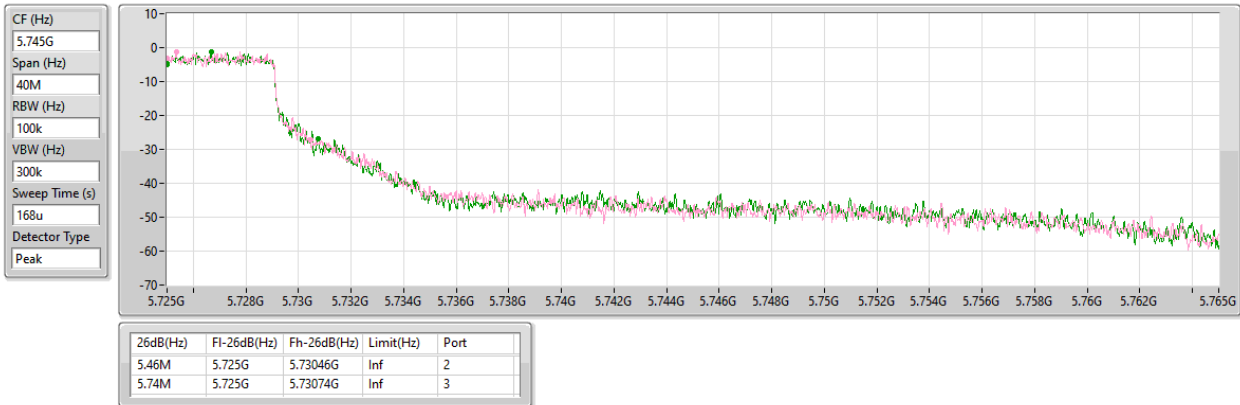


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

27/01/2025

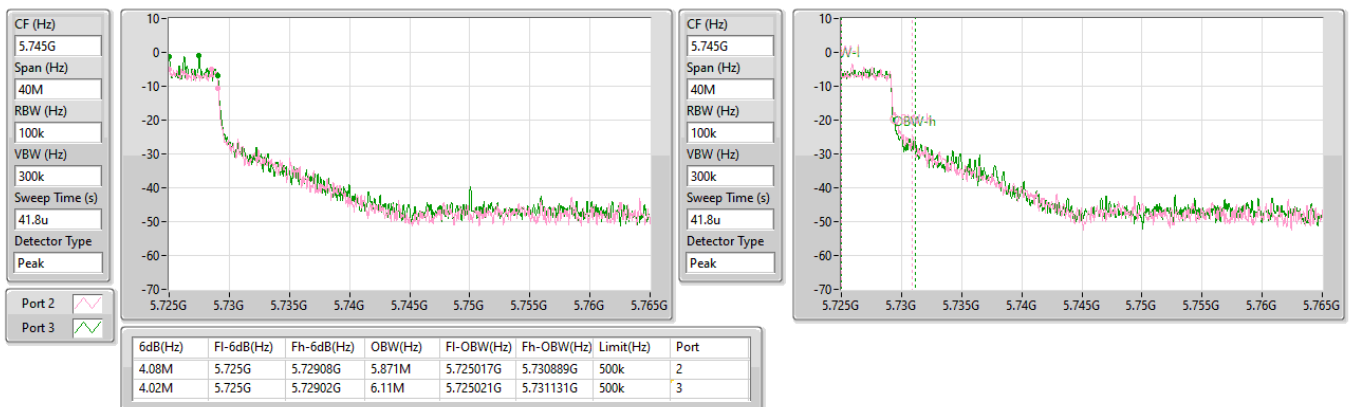


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

27/01/2025

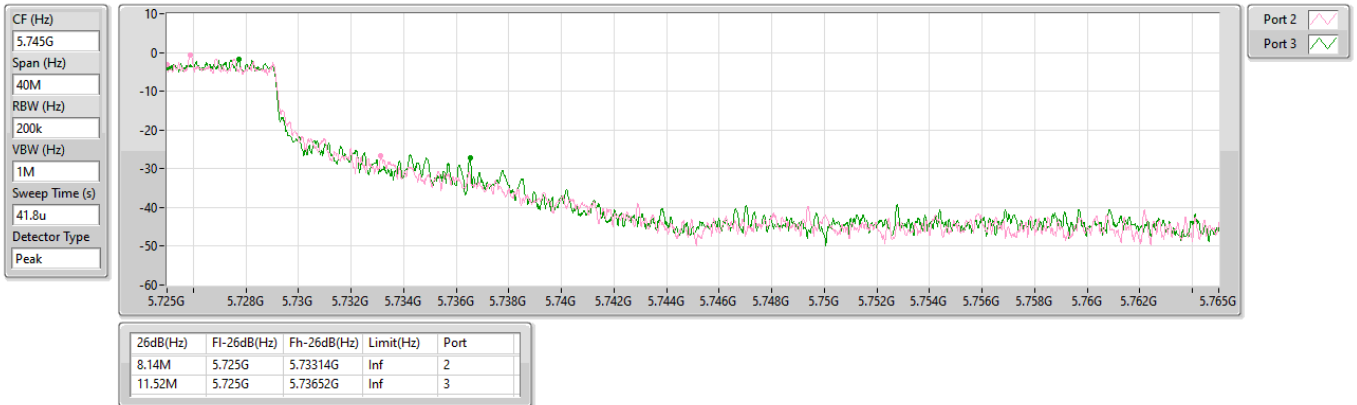


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

27/01/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.275M	16.839M	16M8D1D	15.78M	13.248M
802.11be EHT20_Nss1,(MCS0)_4TX	22.495M	19.215M	19M2D1D	15.495M	14.422M
802.11be EHT40_Nss1,(MCS0)_4TX	43.12M	38.22M	38M2D1D	34.93M	33.784M
802.11be EHT80_Nss1,(MCS0)_4TX	88.88M	77.752M	77M8D1D	75.075M	73.075M
802.11be EHT160_Nss1,(MCS0)_4TX	167.2M	157.352M	157MD1D	162.36M	156.237M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.28M	4.321M	4M32D1D	3.16M	4.093M
802.11be EHT20_Nss1,(MCS0)_4TX	4.54M	4.61M	4M61D1D	3.2M	4.546M
802.11be EHT40_Nss1,(MCS0)_4TX	4.14M	4.386M	4M39D1D	4.06M	4.153M
802.11be EHT80_Nss1,(MCS0)_4TX	4.12M	6.468M	6M47D1D	4.08M	5.164M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	22M	16.77M	22.275M	16.68M	21.45M	16.839M	21.23M	16.756M
5580MHz	Pass	Inf	21.725M	16.812M	21.835M	16.526M	21.67M	16.589M	22M	16.735M
5700MHz	Pass	Inf	22.055M	16.662M	22.11M	16.827M	21.78M	16.643M	21.67M	16.618M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.945M	13.248M	15.885M	13.305M	15.78M	13.259M	15.915M	13.308M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	4.269M	3.18M	4.093M	3.28M	4.321M	3.16M	4.151M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	21.505M	19.104M	21.78M	19.133M	20.9M	19.126M	22.495M	19.024M
5580MHz	Pass	Inf	21.835M	19.215M	22.22M	19.065M	21.45M	19.059M	22.11M	19.018M
5700MHz	Pass	Inf	20.9M	19.089M	22.055M	18.968M	21.23M	18.995M	22.22M	19.044M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.51M	14.422M	15.975M	14.447M	15.96M	14.477M	15.495M	14.464M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.587M	4.54M	4.589M	3.2M	4.546M	4.54M	4.61M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	43.12M	38.024M	41.69M	38.011M	42.13M	37.911M	42.57M	37.99M
5550MHz	Pass	Inf	41.91M	37.905M	40.7M	37.935M	40.04M	37.899M	41.69M	37.828M
5670MHz	Pass	Inf	41.14M	38.123M	41.8M	37.861M	41.69M	38.22M	40.92M	37.934M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.155M	33.87M	35.49M	33.96M	34.93M	33.784M	35.945M	33.887M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.14M	4.153M	4.06M	4.199M	4.12M	4.386M	4.14M	4.299M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	83.82M	77.685M	87.12M	77.752M	88.88M	77.652M	85.58M	77.463M
5610MHz	Pass	Inf	82.5M	77.75M	83.38M	77.602M	84.04M	77.697M	83.38M	77.639M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.25M	73.075M	75.075M	73.393M	77.1M	73.514M	76.725M	73.405M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	6.468M	4.08M	5.164M	4.12M	5.891M	4.12M	6.434M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	Inf	162.36M	157.059M	167.2M	156.237M	166.76M	157.352M	164.12M	156.656M

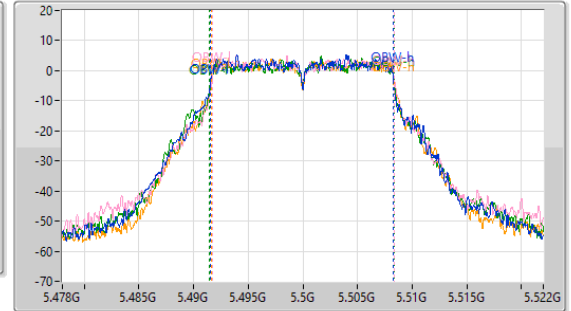
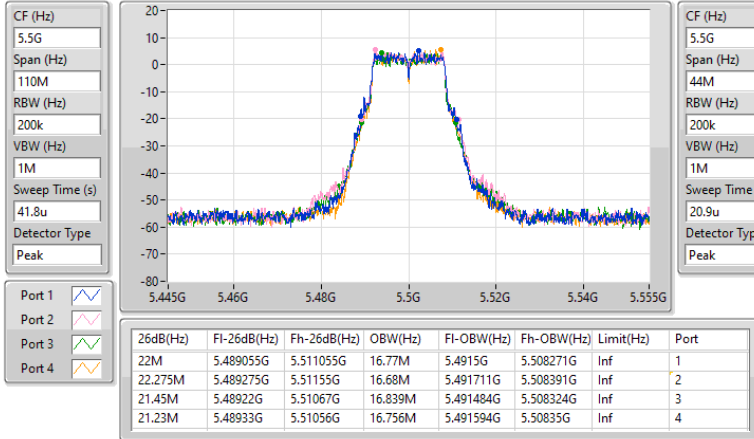
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

25/01/2025

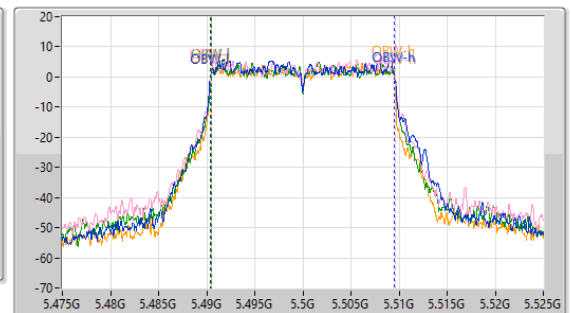
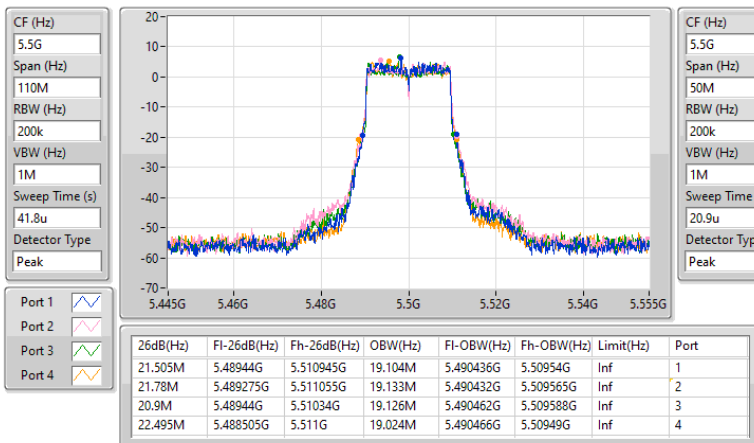


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

25/01/2025

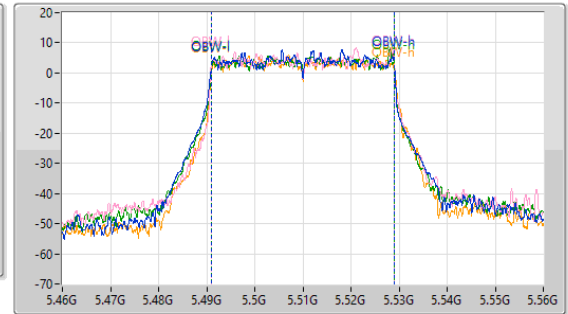
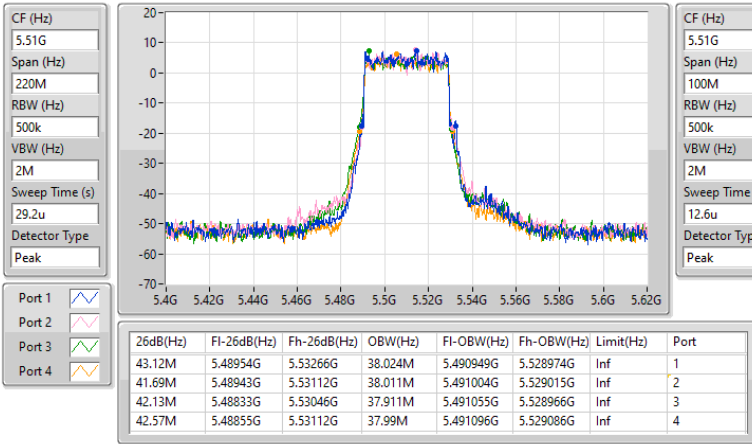


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5510MHz

25/01/2025

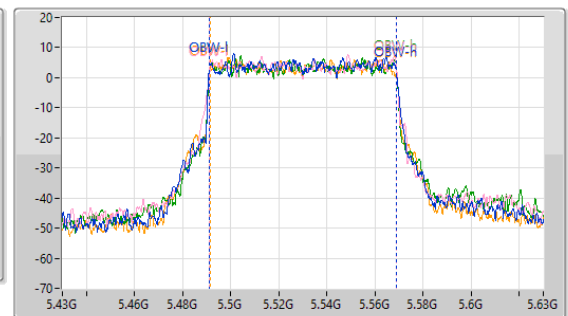
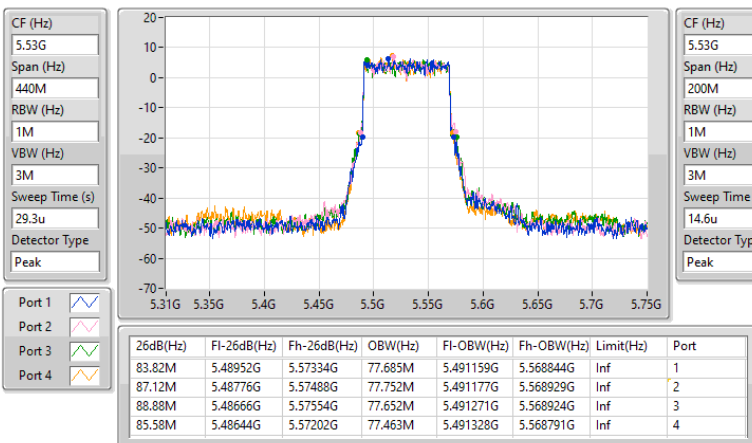


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5530MHz

25/01/2025

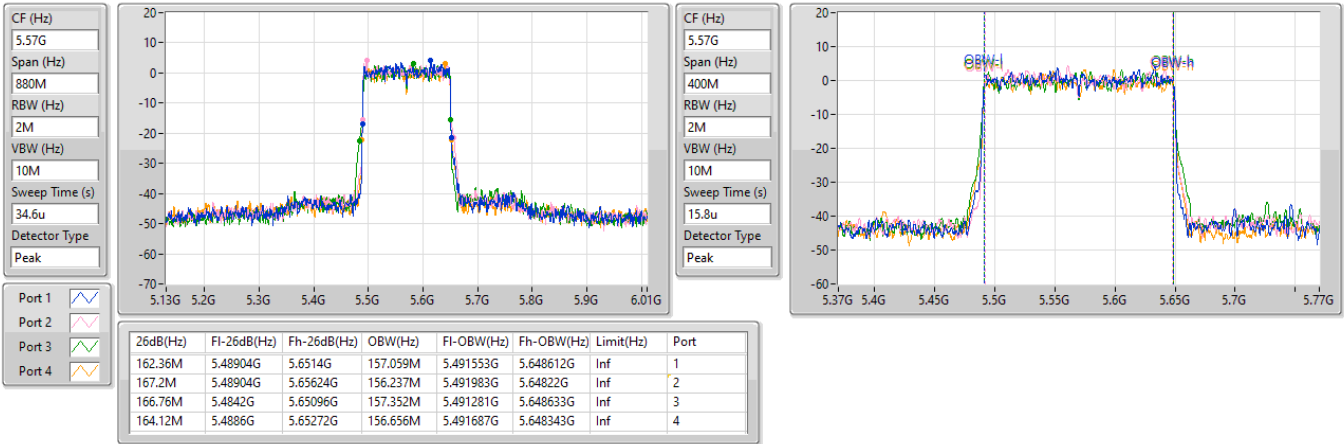


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

25/01/2025

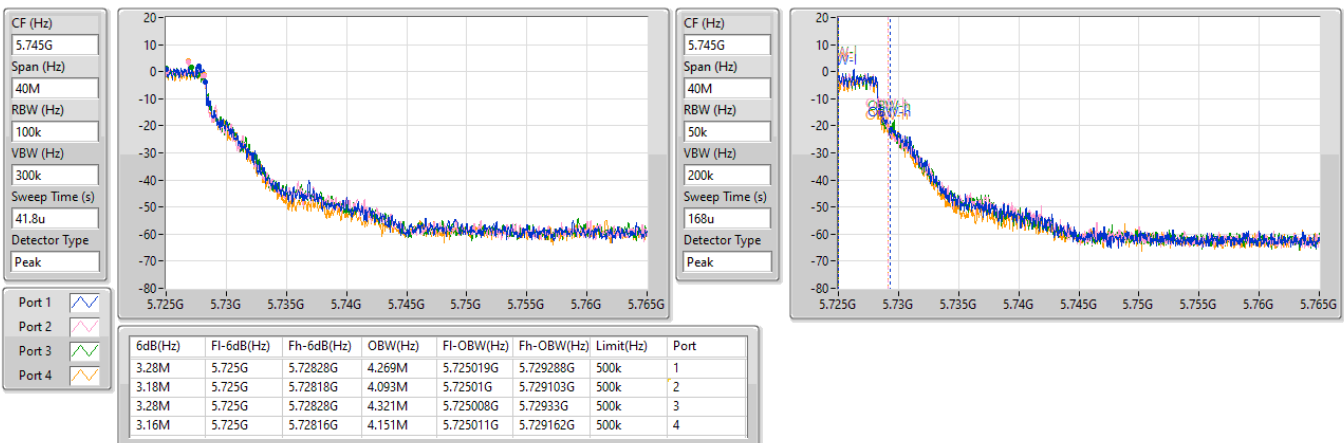


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/01/2025

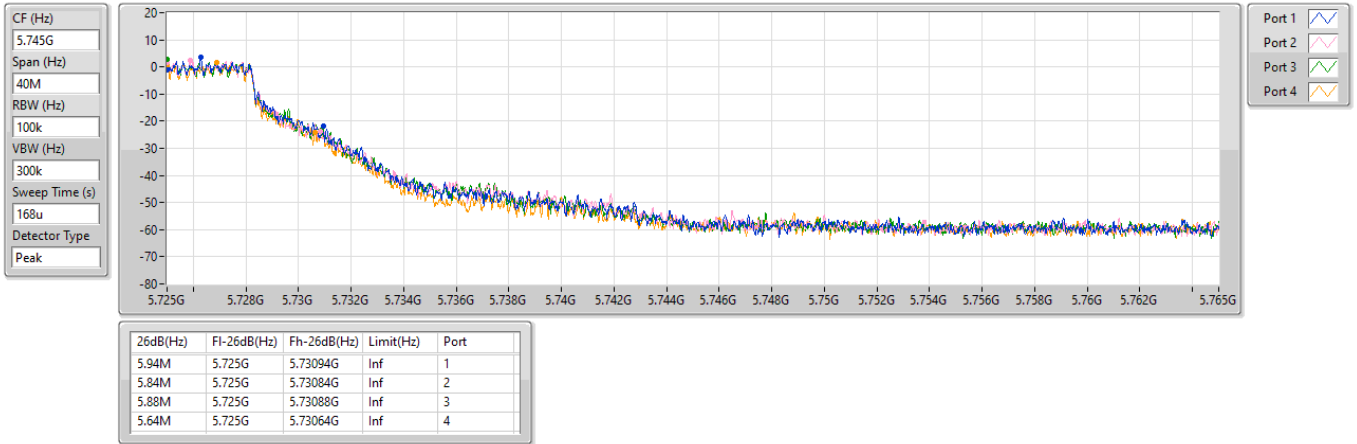


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/01/2025

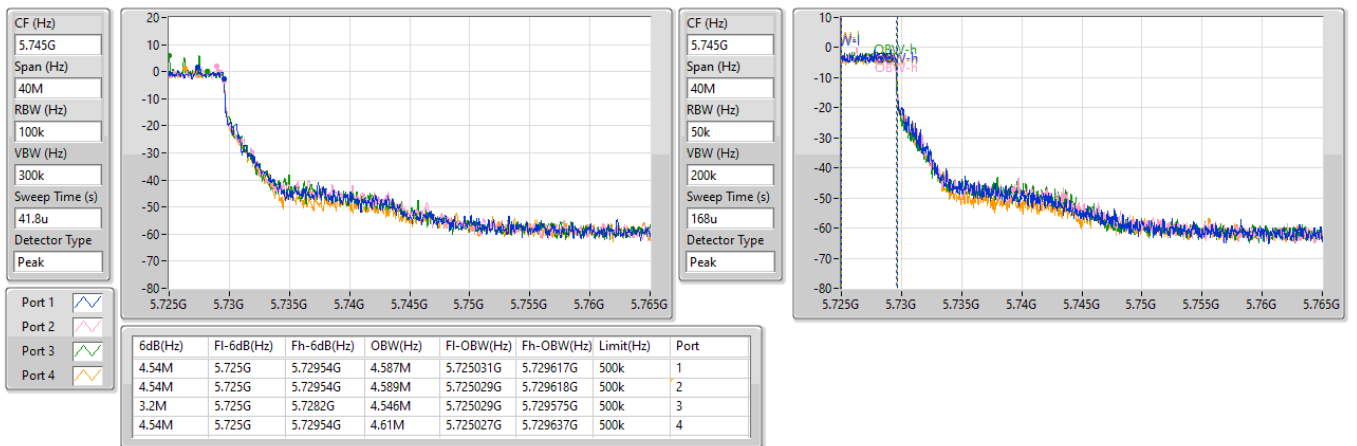


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/01/2025

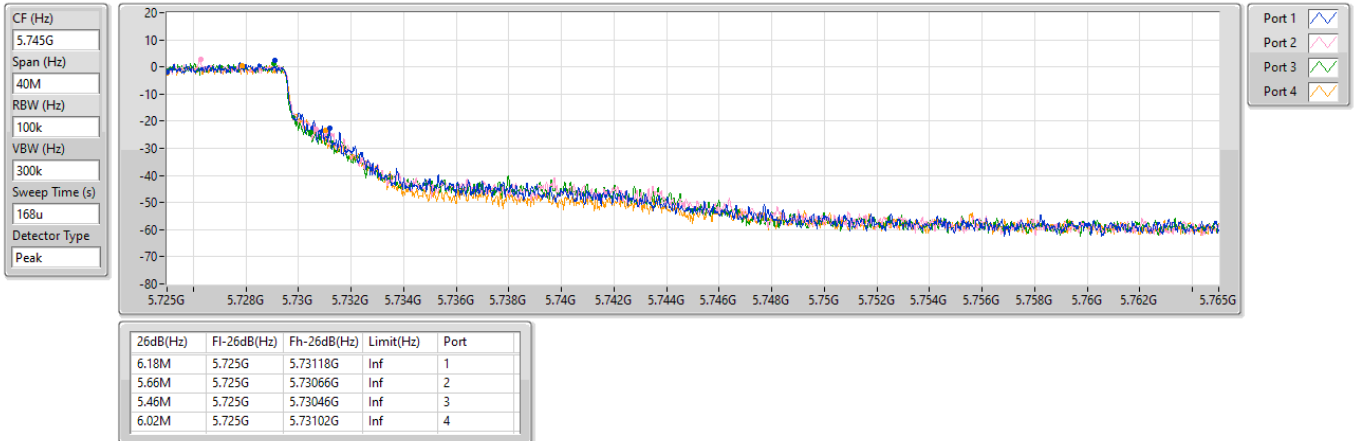


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/01/2025

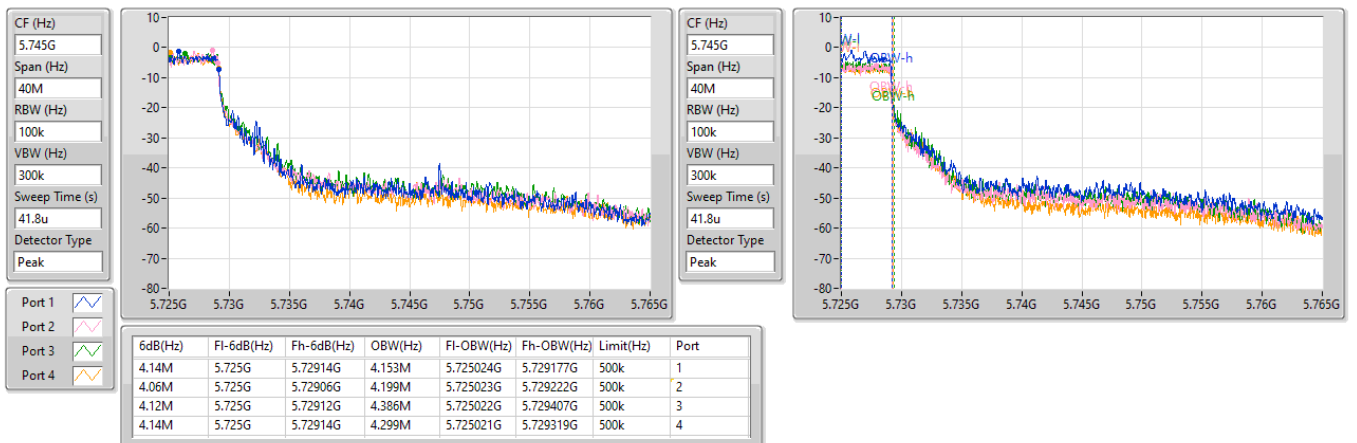


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

25/01/2025

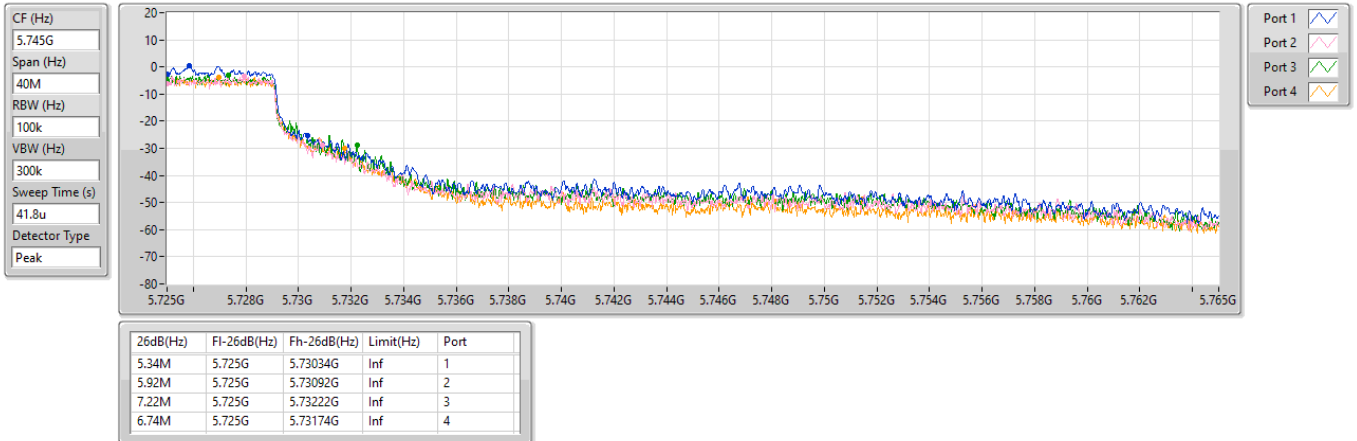


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

25/01/2025

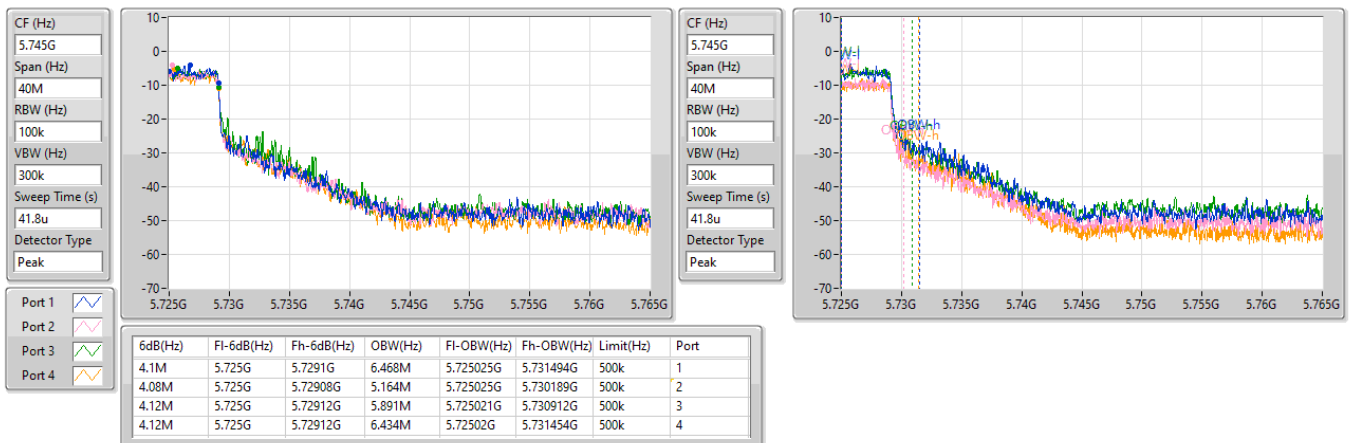


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

25/01/2025

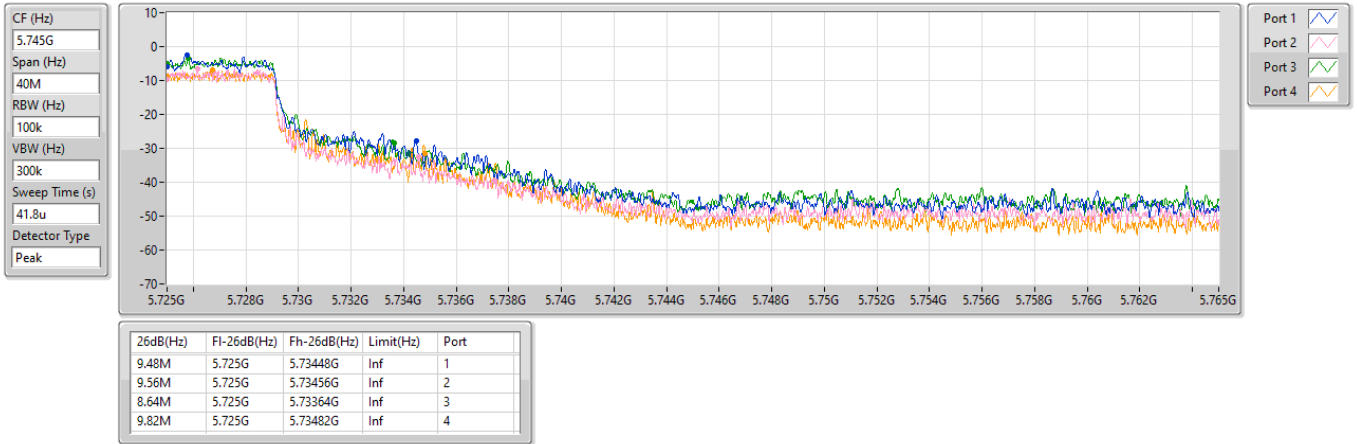


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

25/01/2025



**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.02M	16.372M	16M4D1D	15.66M	13.141M
802.11ax HEW20_Nss1,(MCS0)_1TX	20.24M	18.888M	18M9D1D	15.45M	14.373M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.26M	3.954M	3M95D1D	3.26M	3.954M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.5M	4.642M	4M64D1D	4.5M	4.642M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth

**Result**

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5500MHz	Pass	Inf	19.03M	16.324M
5580MHz	Pass	Inf	20.02M	16.372M
5700MHz	Pass	Inf	18.315M	16.33M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.66M	13.141M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	3.954M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5500MHz	Pass	Inf	19.69M	18.888M
5580MHz	Pass	Inf	20.24M	18.866M
5700MHz	Pass	Inf	20.13M	18.879M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.45M	14.373M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.642M

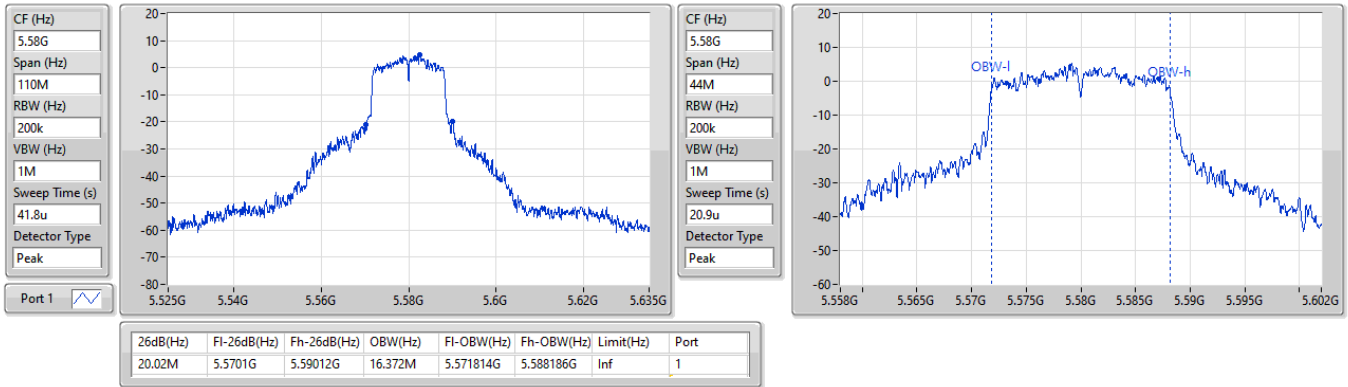
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5580MHz

28/01/2025

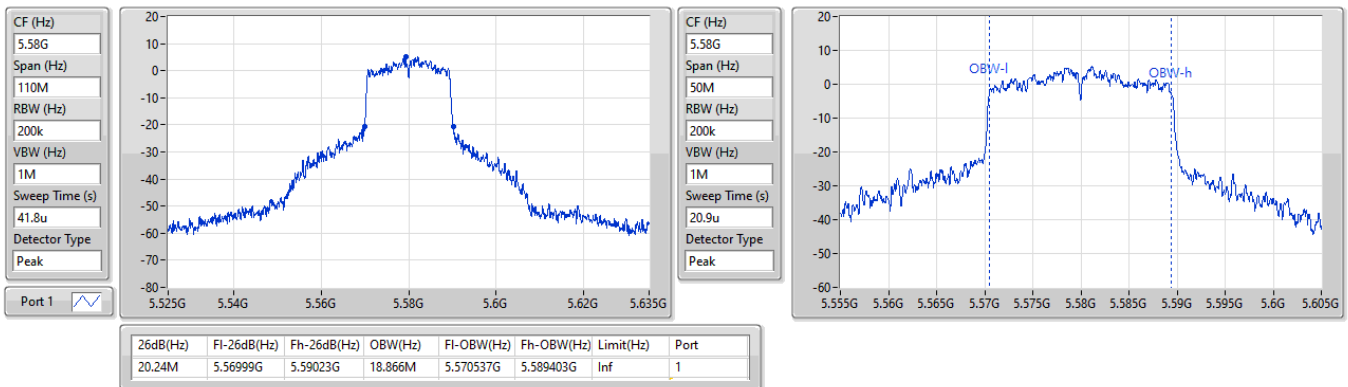


5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

28/01/2025

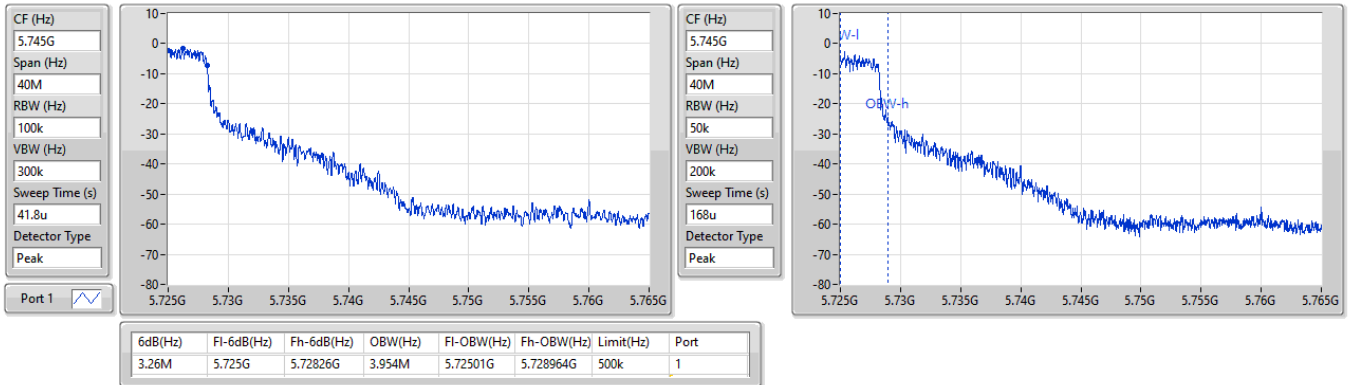


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/01/2025

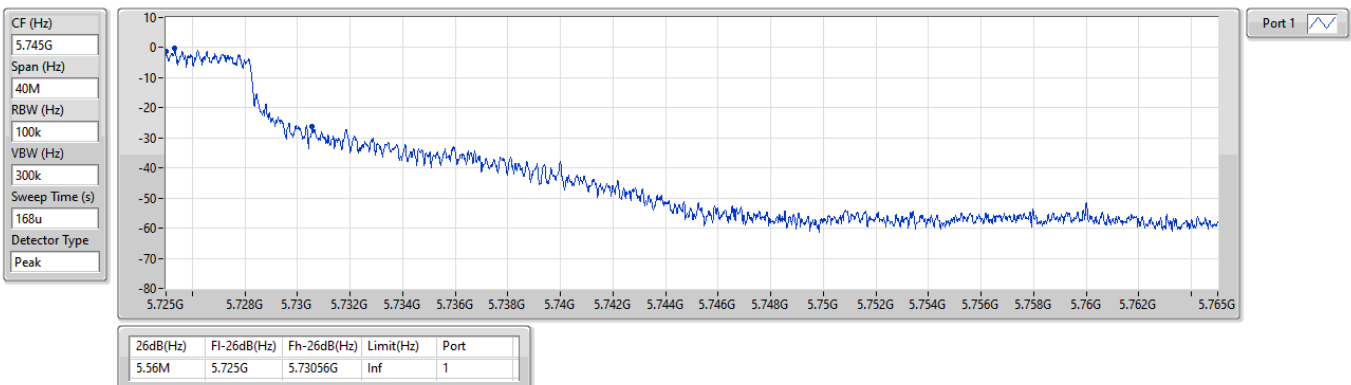


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/01/2025

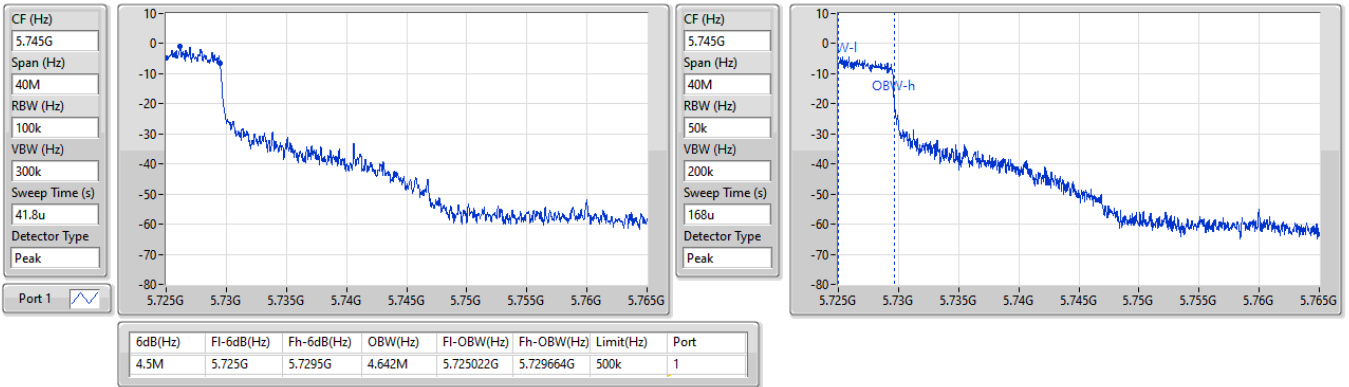


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/01/2025

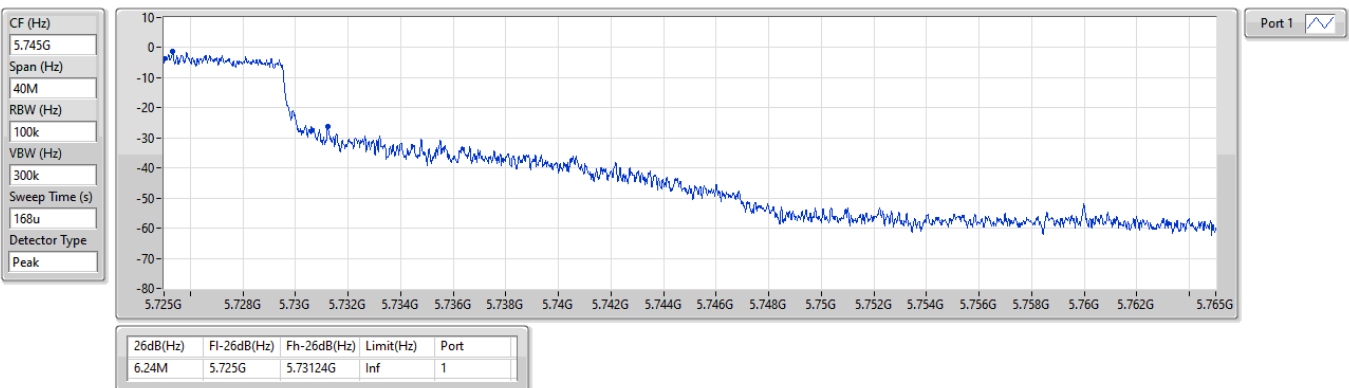


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

28/01/2025



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	17.04	0.05058
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	17.14	0.05176
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	16.86	0.04853
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	16.90	0.04898
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	15.55	0.03589
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	10.14	0.01033
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	11.27	0.01340
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	7.81	0.00604
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	4.70	0.00295

**Result**

Mode	Result	DG (dBi)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	5.26	16.41	16.41	23.98
5580MHz	Pass	5.26	16.87	16.87	23.98
5700MHz	Pass	5.26	17.04	17.04	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	15.93	15.93	23.02
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	10.14	10.14	30.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	5.26	16.50	16.50	23.98
5580MHz	Pass	5.26	17.09	17.09	23.98
5700MHz	Pass	5.26	17.14	17.14	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	15.95	15.95	22.83
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	11.27	11.27	30.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5510MHz	Pass	5.26	16.36	16.36	23.98
5550MHz	Pass	5.26	16.86	16.86	23.98
5670MHz	Pass	5.26	16.83	16.83	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	16.51	16.51	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.05	7.81	7.81	30.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5530MHz	Pass	5.26	16.66	16.66	23.98
5610MHz	Pass	5.26	16.69	16.69	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	16.90	16.90	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	4.70	4.70	30.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	5.26	15.55	15.55	23.98

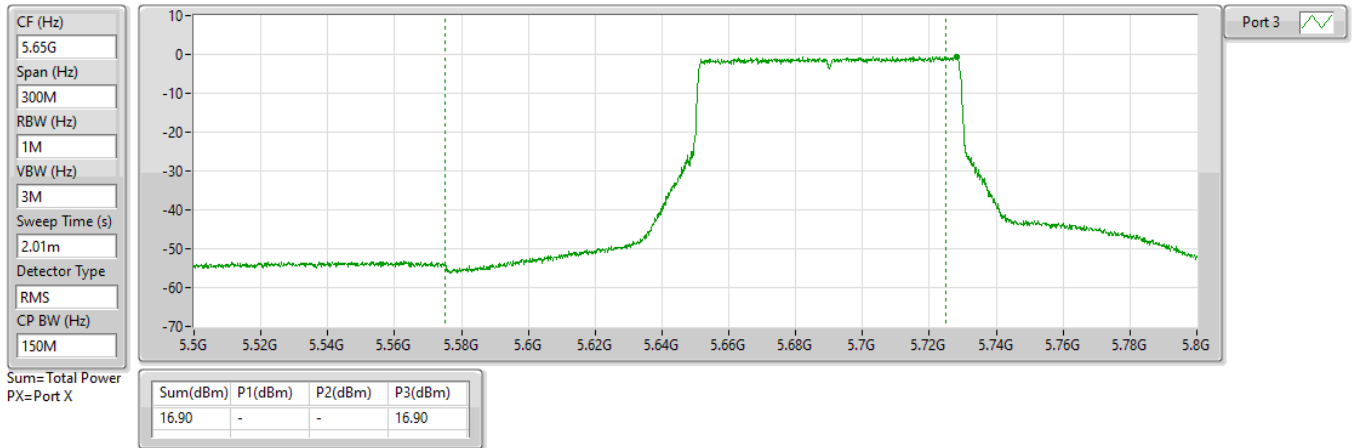
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

27/01/2025

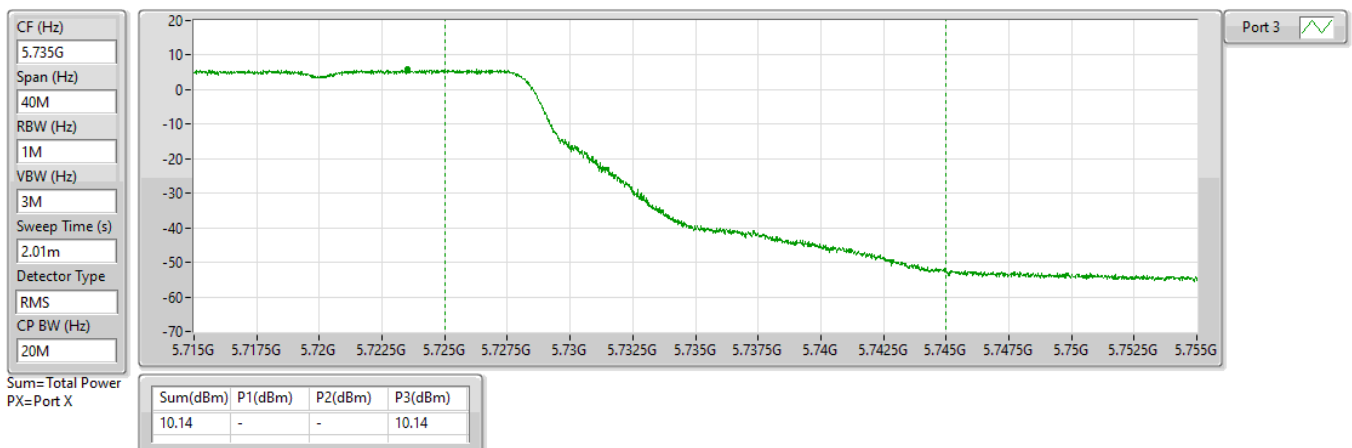


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

25/01/2025

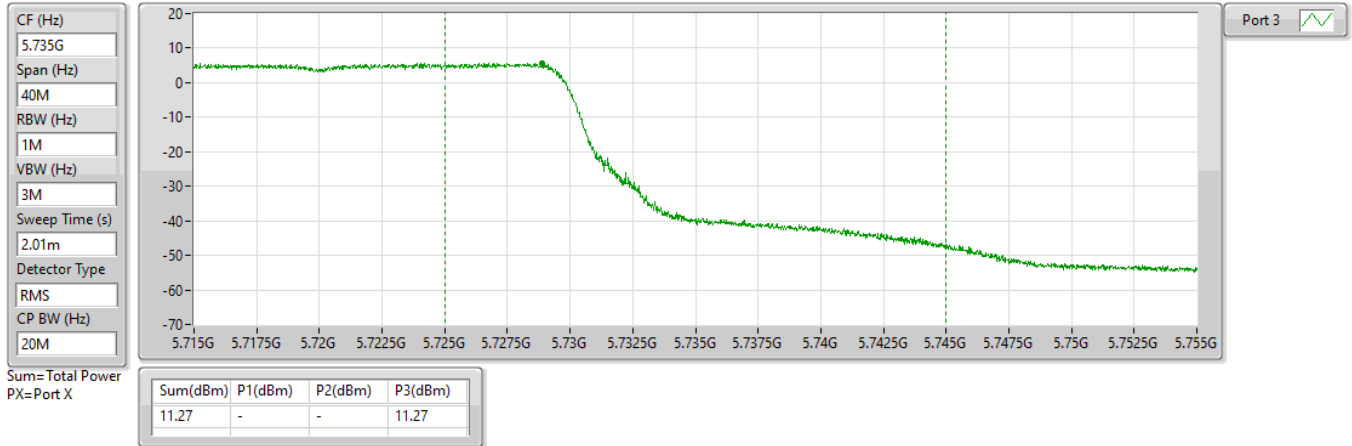


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

25/01/2025

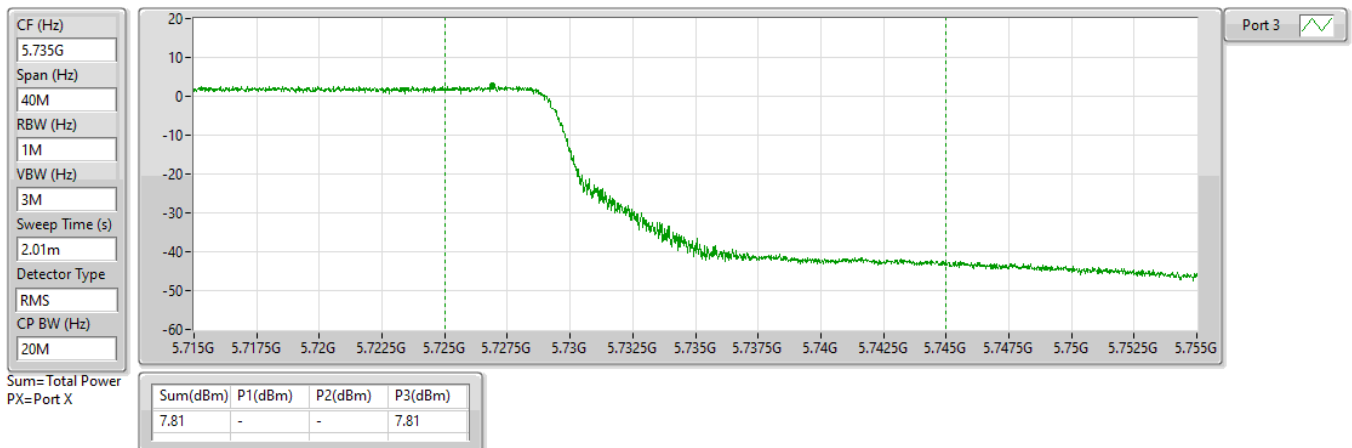


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

27/01/2025



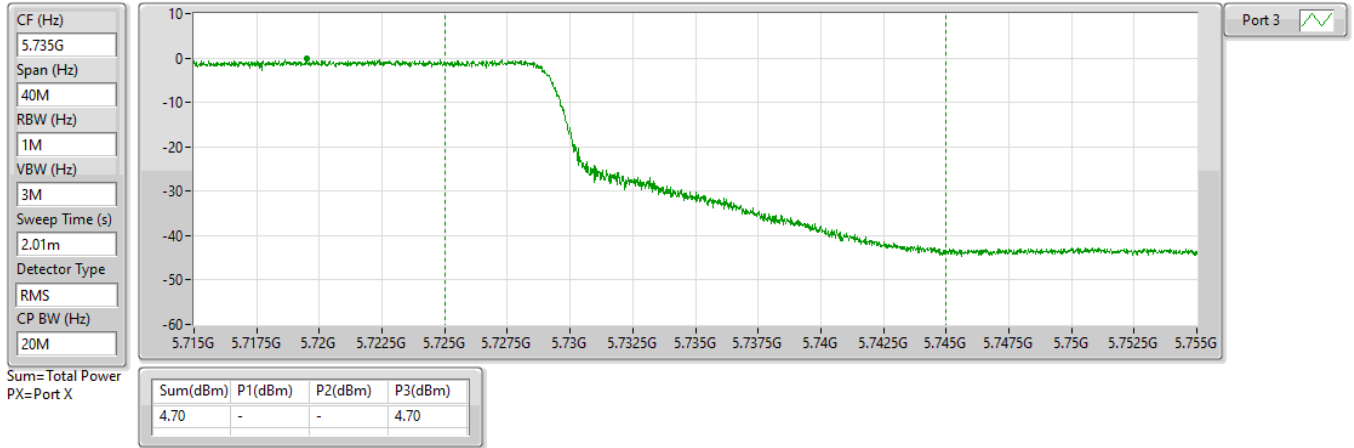


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

27/01/2025



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	19.91	0.09795
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	20.10	0.10233
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	20.15	0.10351
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	20.06	0.10139
802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)	18.64	0.07311
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	13.34	0.02158
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	14.47	0.02799
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	10.78	0.01197
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	7.81	0.00604

**Result**

Mode	Result	DG (dBi)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
5500MHz	Pass	5.26	16.66	16.35	19.52	23.98
5580MHz	Pass	5.26	16.95	16.77	19.87	23.98
5700MHz	Pass	5.26	16.84	16.95	19.91	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	16.12	16.15	19.15	22.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	10.26	10.40	13.34	30.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5500MHz	Pass	5.26	17.00	16.55	19.79	23.98
5580MHz	Pass	5.26	17.28	16.89	20.10	23.98
5700MHz	Pass	5.26	16.53	16.83	19.69	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	16.17	16.25	19.22	22.97
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	11.35	11.57	14.47	30.00
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5510MHz	Pass	5.26	16.57	16.38	19.49	23.98
5550MHz	Pass	5.26	17.09	16.88	20.00	23.98
5670MHz	Pass	5.26	17.36	16.90	20.15	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	16.66	16.79	19.74	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.05	7.66	7.88	10.78	30.00
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5530MHz	Pass	5.26	16.98	16.59	19.80	23.98
5610MHz	Pass	5.26	17.22	16.69	19.97	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	17.07	17.03	20.06	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	4.60	5.00	7.81	30.00
802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5570MHz	Pass	5.26	15.71	15.55	18.64	23.98

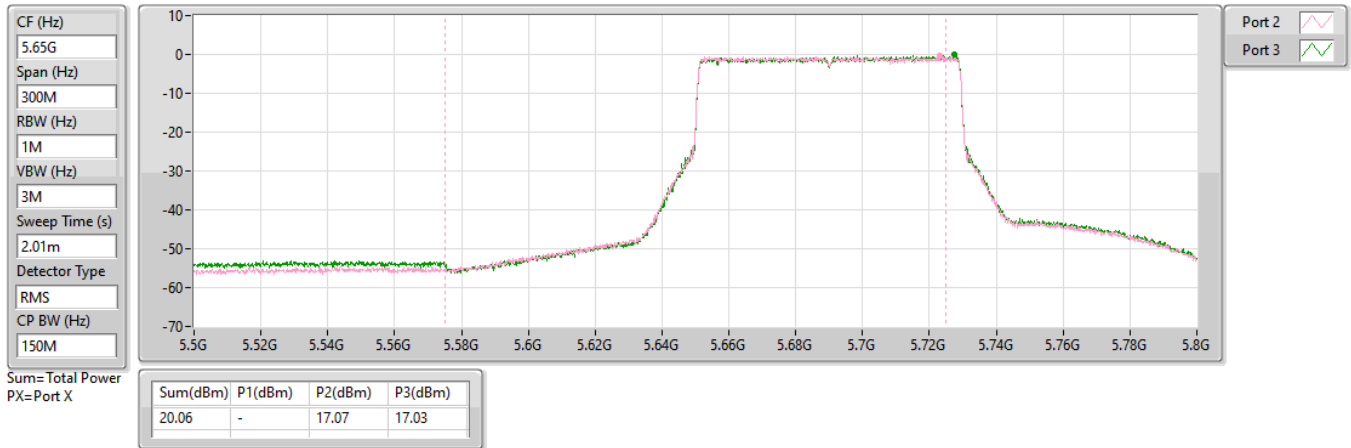
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

27/01/2025

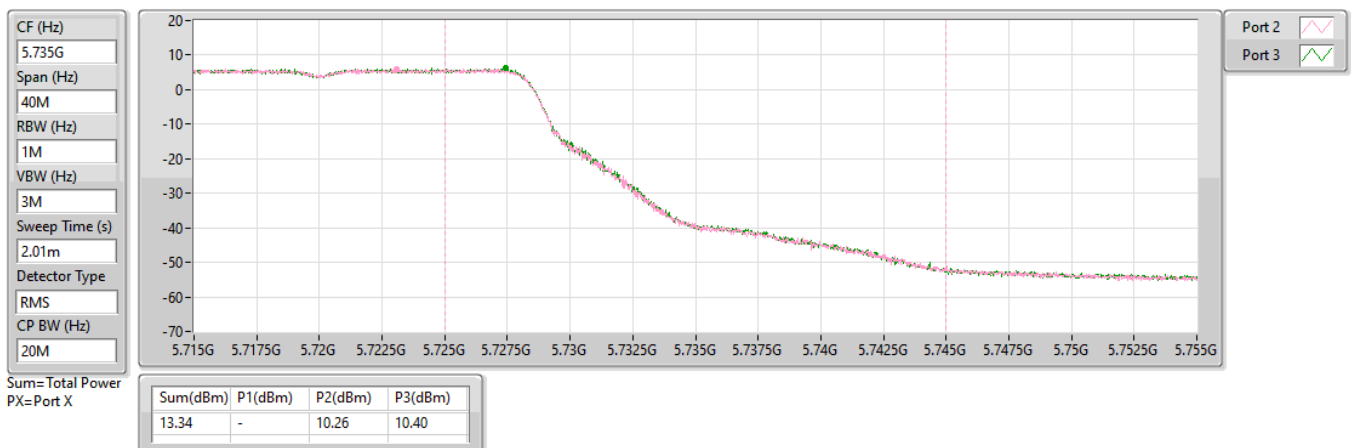


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

27/01/2025

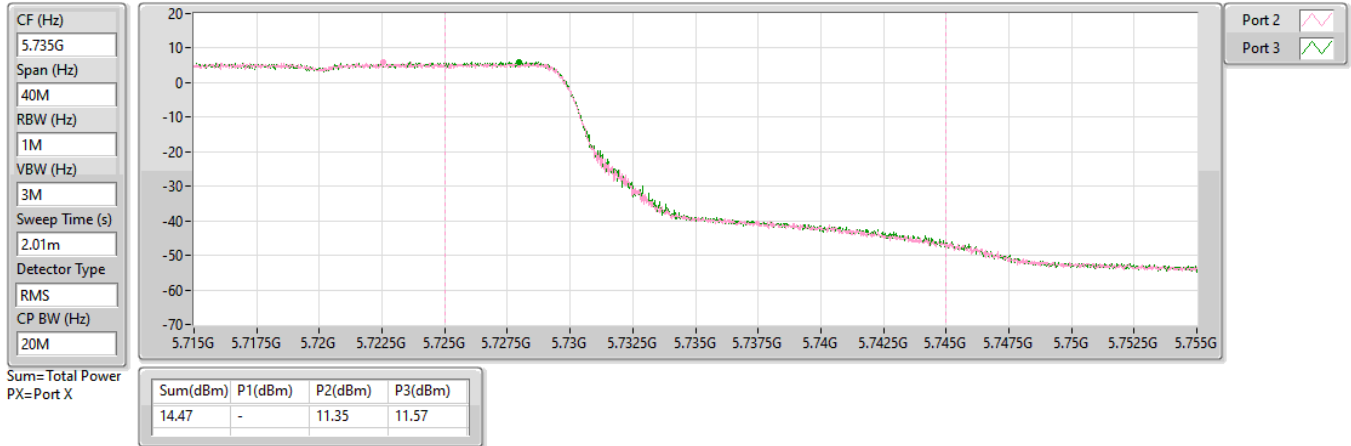


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

27/01/2025

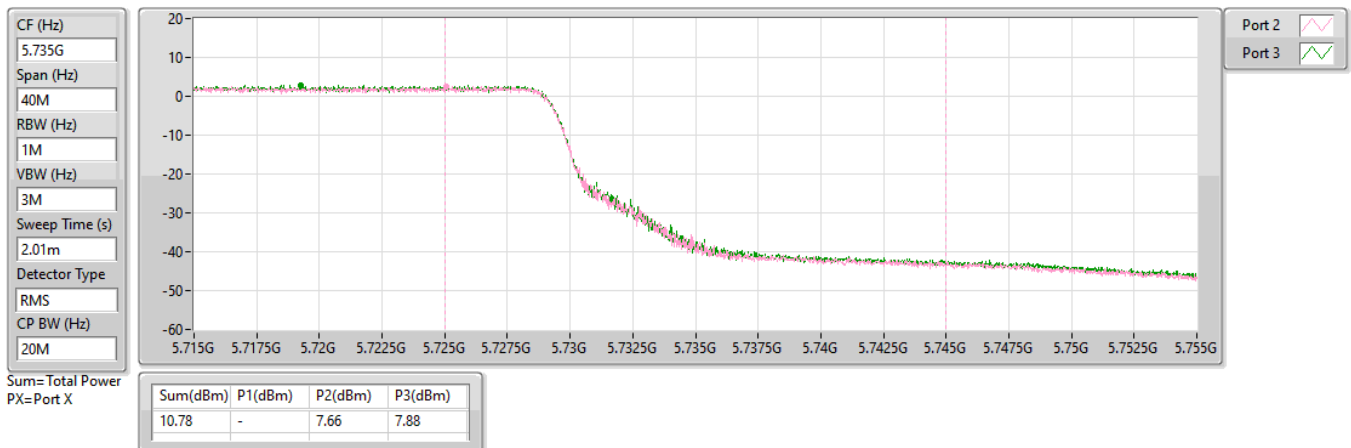


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

27/01/2025



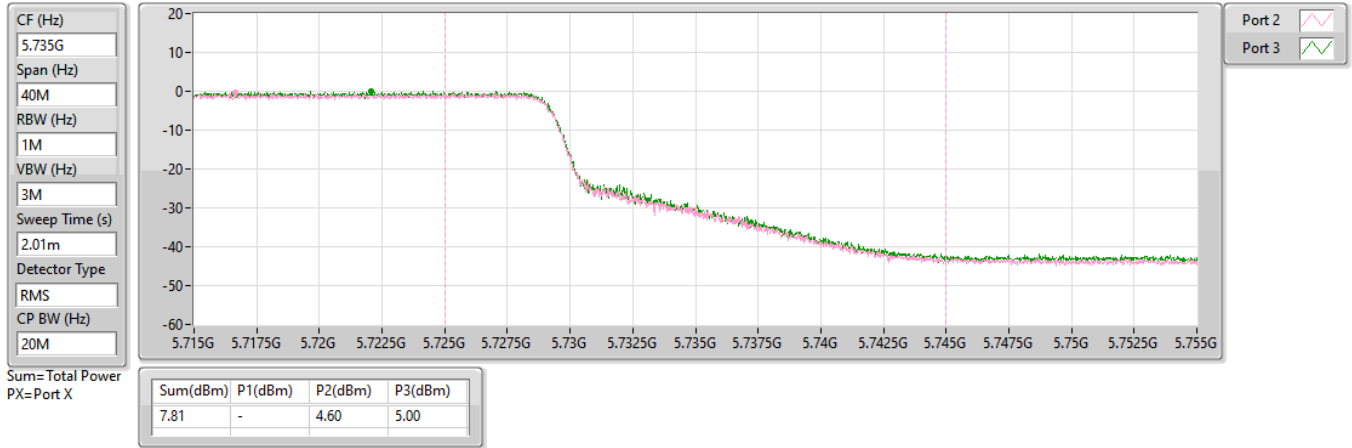


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

27/01/2025



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.63	0.18323
802.11be EHT20_Nss1,(MCS0)_4TX	23.18	0.20797
802.11be EHT40_Nss1,(MCS0)_4TX	23.05	0.20184
802.11be EHT80_Nss1,(MCS0)_4TX	22.92	0.19588
802.11be EHT160_Nss1,(MCS0)_4TX	18.87	0.07709
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.73	0.03741
802.11be EHT20_Nss1,(MCS0)_4TX	17.13	0.05164
802.11be EHT40_Nss1,(MCS0)_4TX	13.53	0.02254
802.11be EHT80_Nss1,(MCS0)_4TX	10.45	0.01109



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	5.26	16.44	16.46	15.90	15.73	22.17	23.98
5580MHz	Pass	5.26	16.91	16.77	16.63	15.96	22.60	23.98
5700MHz	Pass	5.26	16.98	16.54	16.80	16.06	22.63	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	15.82	15.62	15.54	14.97	21.52	22.98
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	9.93	9.90	9.78	9.17	15.73	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	5.26	17.10	17.04	16.59	16.28	22.79	23.98
5580MHz	Pass	5.26	17.25	17.56	17.11	16.67	23.18	23.98
5700MHz	Pass	5.26	15.55	15.39	15.48	14.59	21.29	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	16.12	15.82	15.98	15.52	21.89	22.90
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	11.29	11.17	11.26	10.67	17.13	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	5.26	17.06	16.82	16.63	16.28	22.73	23.98
5550MHz	Pass	5.26	17.22	16.89	17.05	16.65	22.98	23.98
5670MHz	Pass	5.26	17.25	17.12	17.00	16.73	23.05	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	16.83	16.48	16.62	16.23	22.57	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.05	7.76	7.31	7.84	7.07	13.53	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.26	16.64	16.58	16.37	16.10	22.45	23.98
5610MHz	Pass	5.26	17.19	17.11	16.89	16.30	22.91	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	17.32	16.83	16.97	16.44	22.92	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	4.77	4.23	4.75	3.90	10.45	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.26	13.24	13.09	12.80	12.19	18.87	23.98

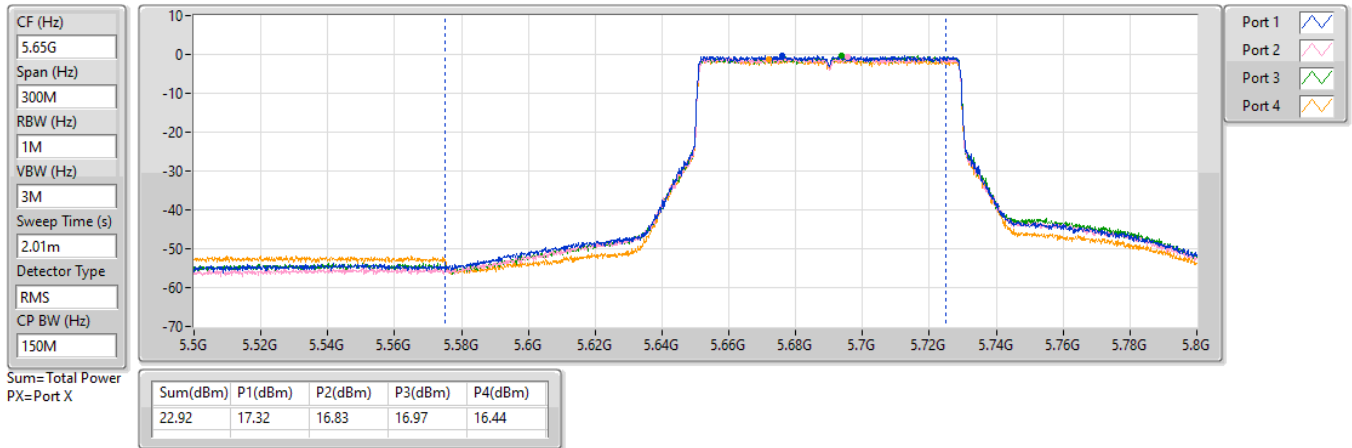
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

25/01/2025

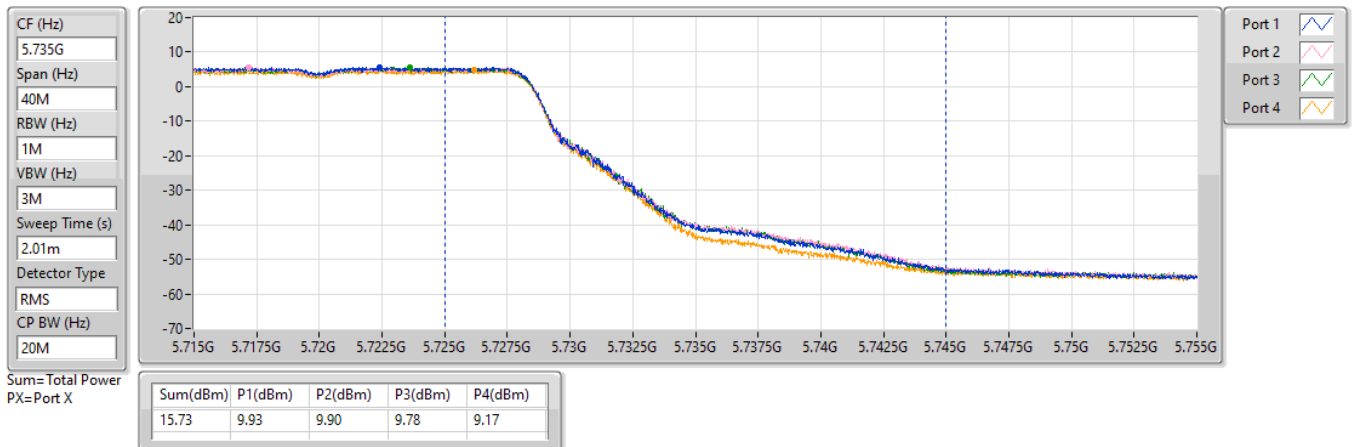


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

25/01/2025

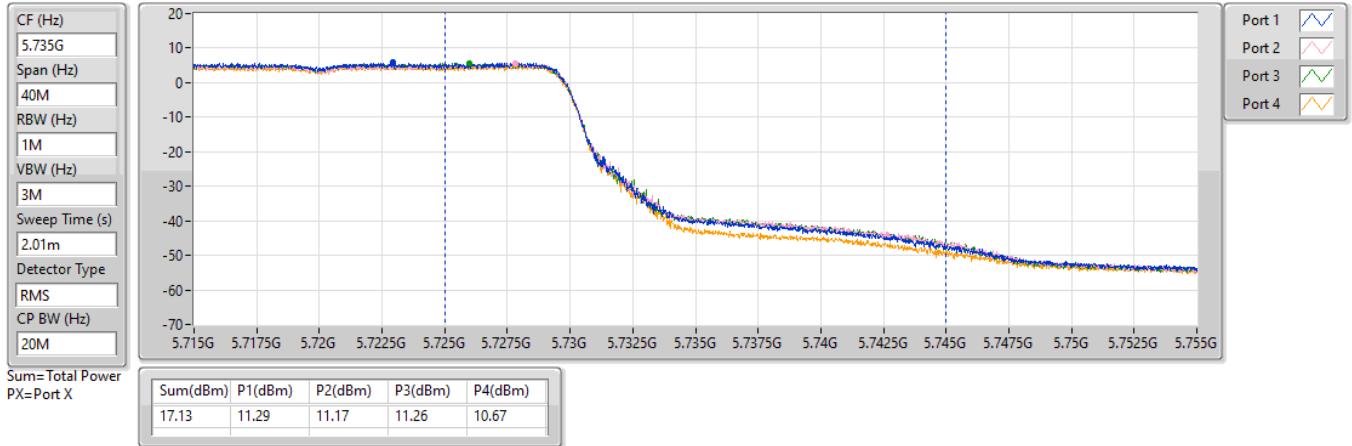


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

25/01/2025

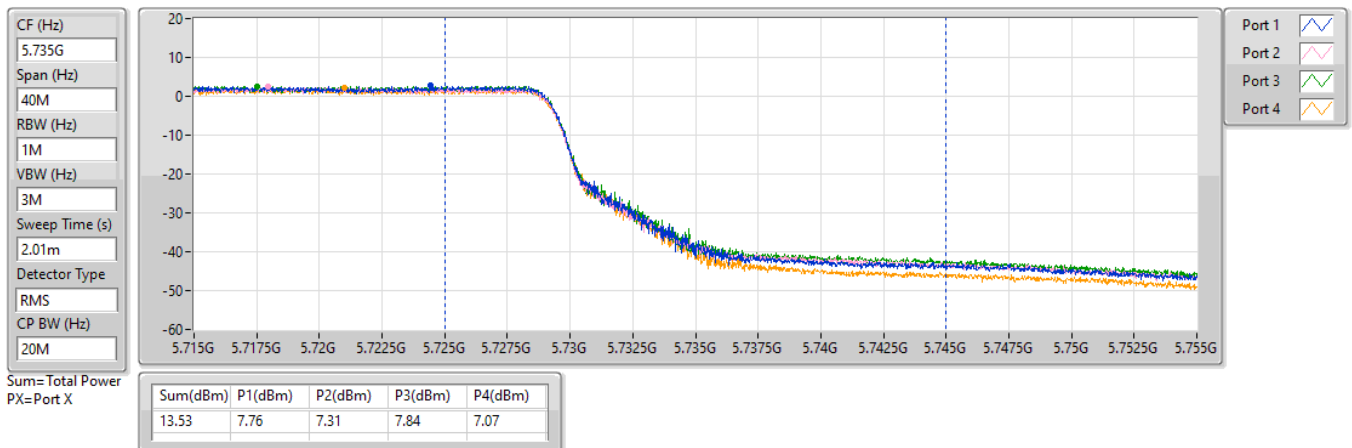


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

25/01/2025



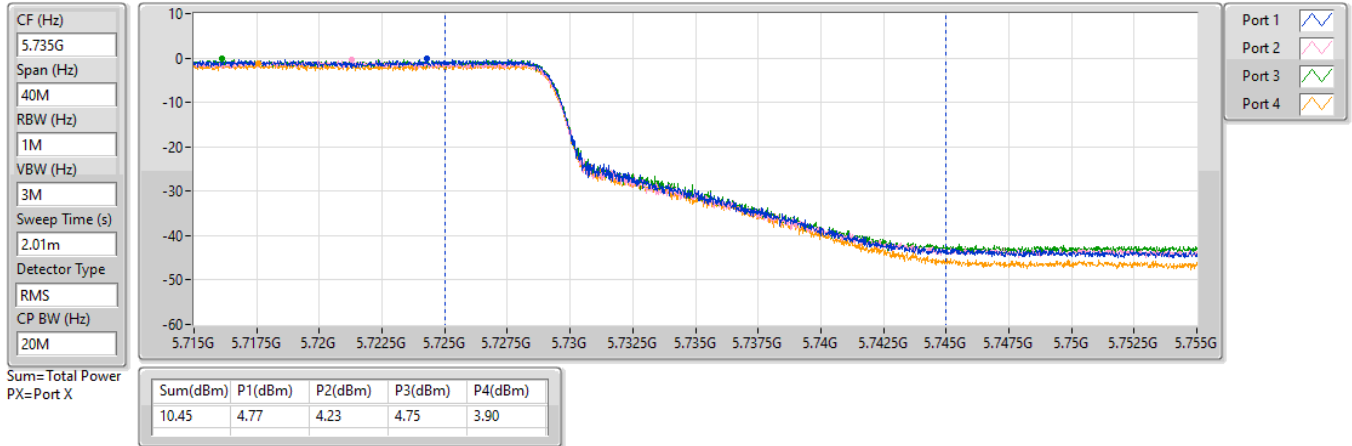


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

25/01/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.96	0.03945
802.11ax HEW20_Nss1,(MCS0)_1TX	15.69	0.03707
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.79	0.00478
802.11ax HEW20_Nss1,(MCS0)_1TX	7.26	0.00532

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5500MHz	Pass	3.94	15.27	15.27	23.79
5580MHz	Pass	3.94	15.96	15.96	23.98
5700MHz	Pass	3.94	15.85	15.85	23.63
5720MHz Straddle 5.47-5.725GHz	Pass	3.94	14.88	14.88	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	4.55	6.79	6.79	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5500MHz	Pass	3.94	14.95	14.95	23.94
5580MHz	Pass	3.94	15.69	15.69	23.98
5700MHz	Pass	3.94	14.67	14.67	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.94	14.37	14.37	22.89
5720MHz Straddle 5.725-5.85GHz	Pass	4.55	7.26	7.26	30.00

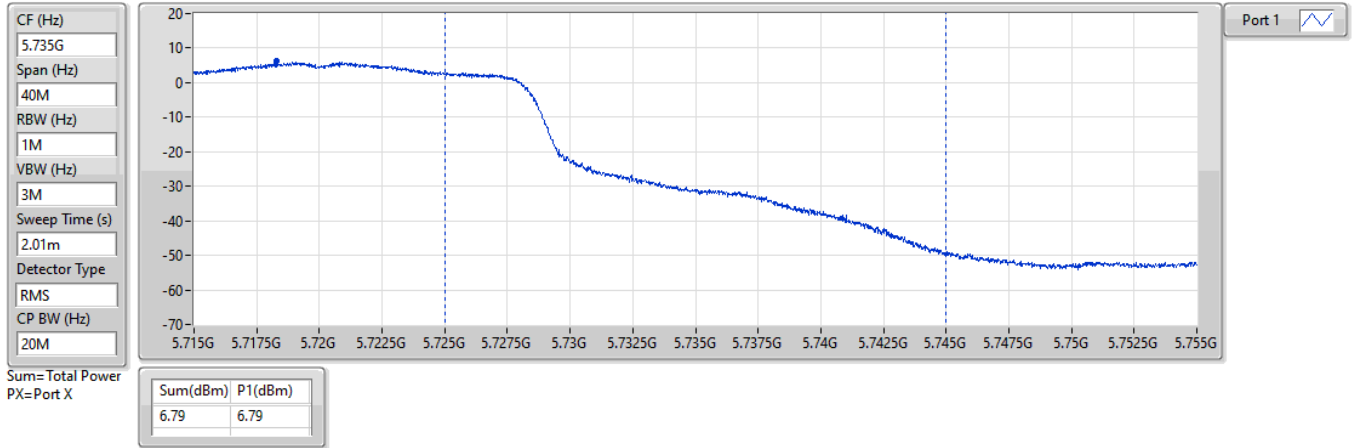
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

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

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

28/01/2025

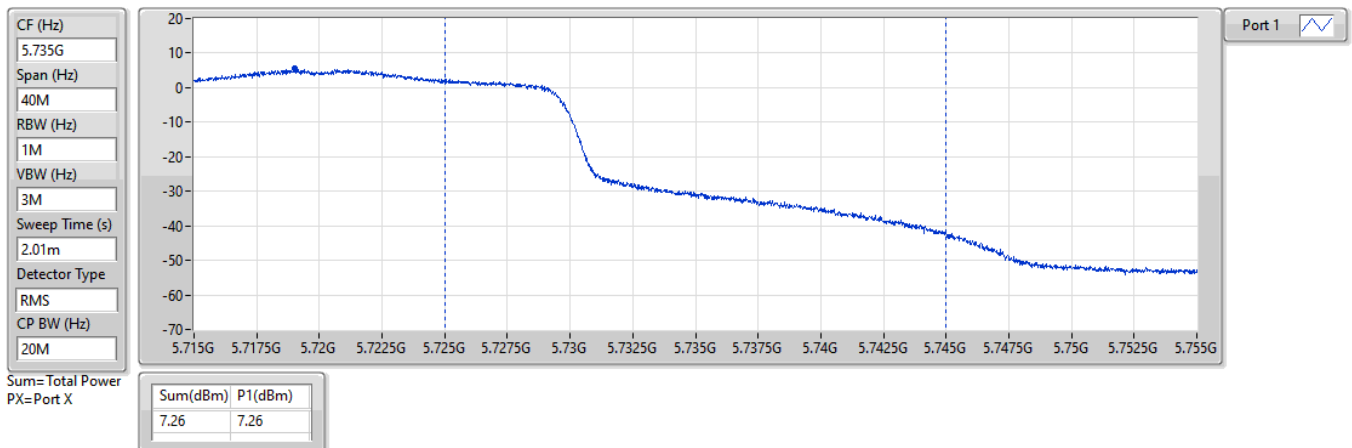


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

28/01/2025





Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	23.18	0.20797
802.11be EHT40-BF_Nss1,(MCS0)_4TX	23.05	0.20184
802.11be EHT80-BF_Nss1,(MCS0)_4TX	22.92	0.19588
802.11be EHT160-BF_Nss1,(MCS0)_4TX	18.87	0.07709
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	17.13	0.05164
802.11be EHT40-BF_Nss1,(MCS0)_4TX	13.53	0.02254
802.11be EHT80-BF_Nss1,(MCS0)_4TX	10.45	0.01109



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	5.50	17.10	17.04	16.59	16.28	22.79	23.98
5580MHz	Pass	5.50	17.25	17.56	17.11	16.67	23.18	23.98
5700MHz	Pass	5.50	15.55	15.39	15.48	14.59	21.29	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.50	16.12	15.82	15.98	15.52	21.89	22.90
5720MHz Straddle 5.725-5.85GHz	Pass	5.08	11.29	11.17	11.26	10.67	17.13	30.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	5.50	17.06	16.82	16.63	16.28	22.73	23.98
5550MHz	Pass	5.50	17.22	16.89	17.05	16.65	22.98	23.98
5670MHz	Pass	5.50	17.25	17.12	17.00	16.73	23.05	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.50	16.83	16.48	16.62	16.23	22.57	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.08	7.76	7.31	7.84	7.07	13.53	30.00
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.50	16.64	16.58	16.37	16.10	22.45	23.98
5610MHz	Pass	5.50	17.19	17.11	16.89	16.30	22.91	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.50	17.32	16.83	16.97	16.44	22.92	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.08	4.77	4.23	4.75	3.90	10.45	30.00
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.50	13.24	13.09	12.80	12.19	18.87	23.98

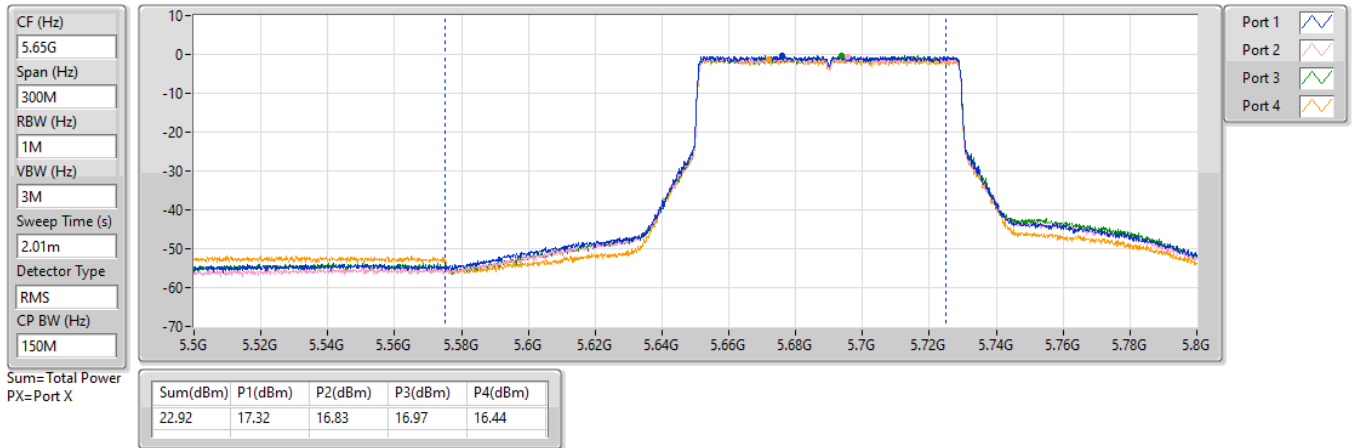
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

25/01/2025

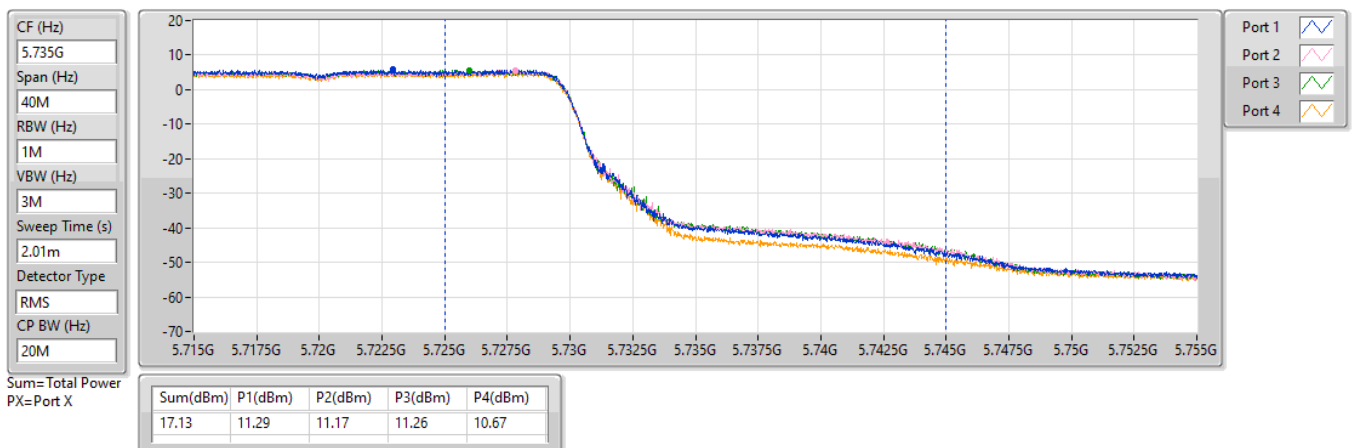


5.725-5.85GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

25/01/2025

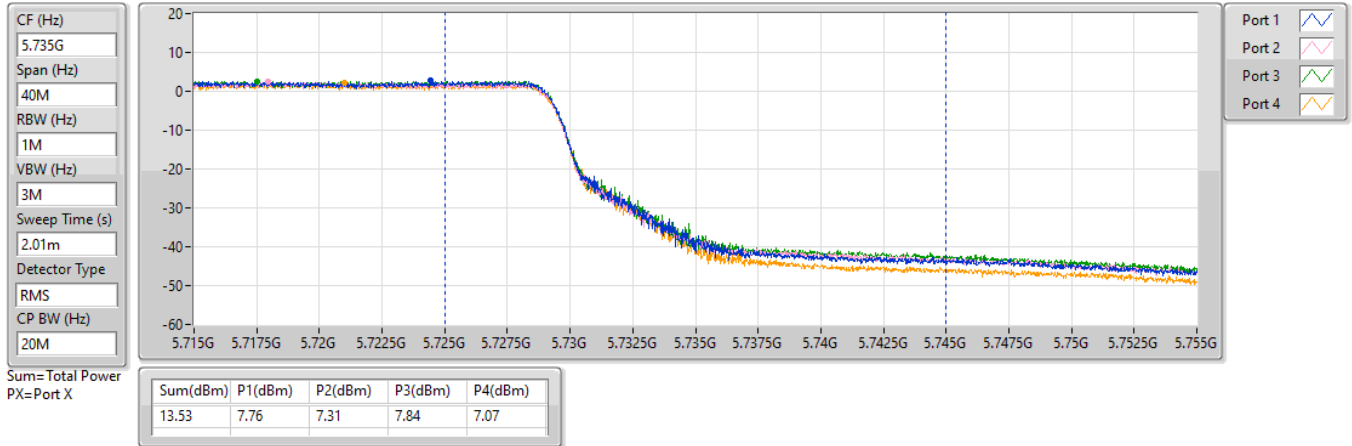


5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

25/01/2025

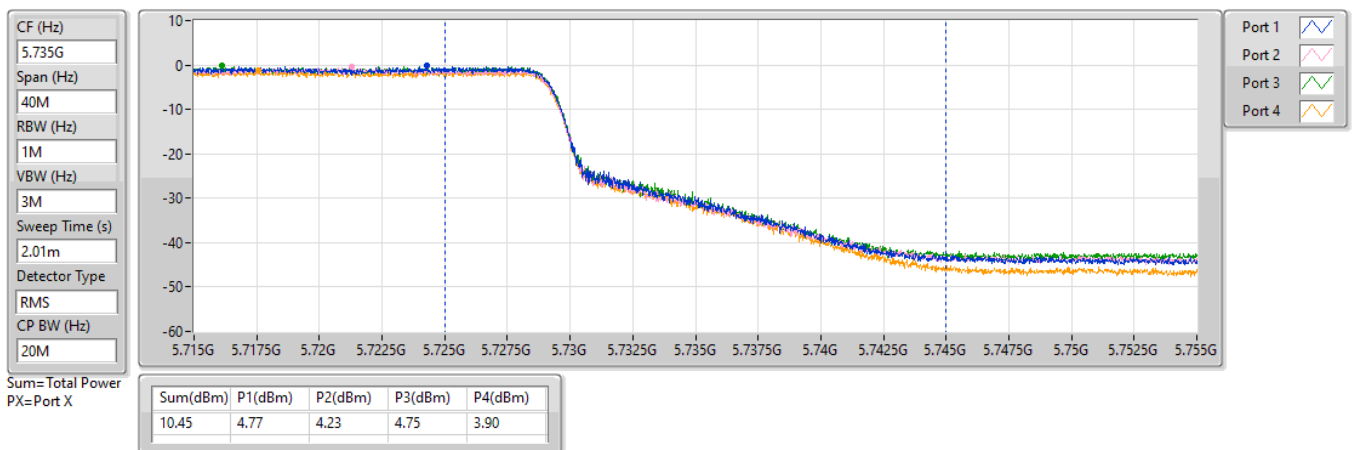


5.725-5.85GHz_802.11be EHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

25/01/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	5.30
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	4.91
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	1.89
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-1.06
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-5.31
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	2.37
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	2.07
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-0.90
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-3.99

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

**Result**

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	5.26	4.73	4.73	11.00
5580MHz	Pass	5.26	5.21	5.21	11.00
5700MHz	Pass	5.26	5.30	5.30	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	5.23	5.23	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	2.37	2.37	30.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	5.26	4.31	4.31	11.00
5580MHz	Pass	5.26	4.84	4.84	11.00
5700MHz	Pass	5.26	4.91	4.91	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	4.91	4.91	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	2.07	2.07	30.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5510MHz	Pass	5.26	1.35	1.35	11.00
5550MHz	Pass	5.26	1.79	1.79	11.00
5670MHz	Pass	5.26	1.89	1.89	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	1.82	1.82	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.05	-0.90	-0.90	30.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5530MHz	Pass	5.26	-1.34	-1.34	11.00
5610MHz	Pass	5.26	-1.43	-1.43	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	-1.06	-1.06	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	-3.99	-3.99	30.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	5.26	-5.31	-5.31	11.00

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

PSD

5700MHz

25/01/2025

CF (Hz)
5.7G

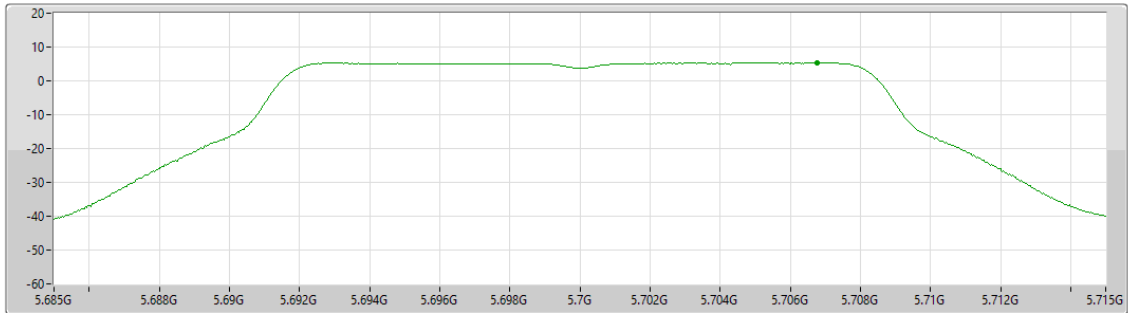
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	-	-	5.30

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

PSD

5700MHz

25/01/2025

CF (Hz)
5.7G

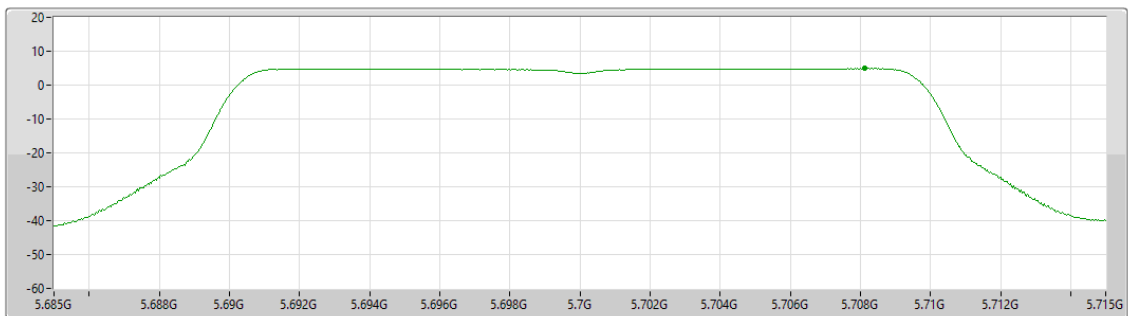
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
51.899

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	-	-	4.91

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

PSD

5670MHz

27/01/2025

CF (Hz)
5.67G

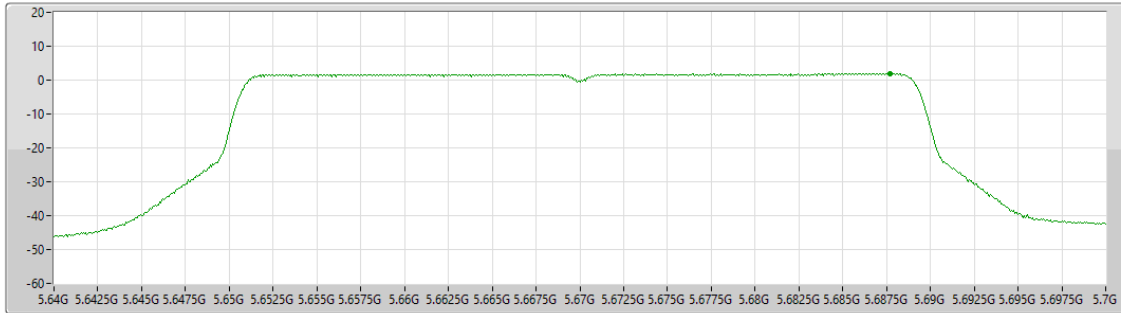
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
33.52

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.89	1.89	-	-	1.89

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

PSD

5690MHz Straddle 5.47-5.725GHz

27/01/2025

CF (Hz)
5.65G

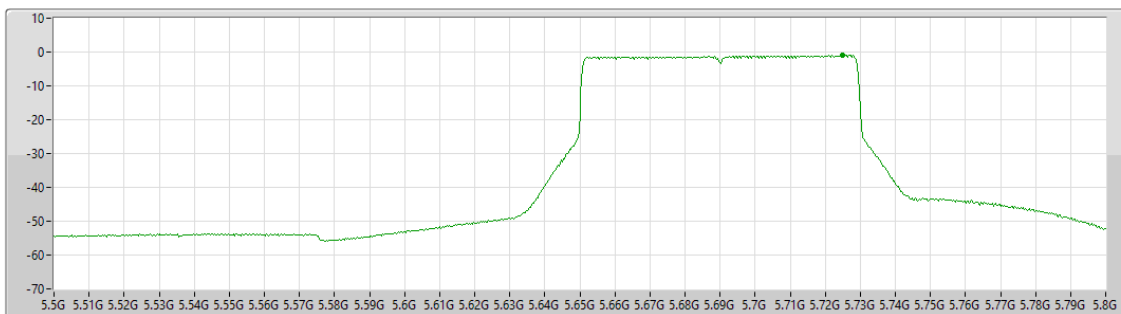
Span (Hz)
300M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.62

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.06	-1.06	-	-	-1.06

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

PSD

5570MHz

27/01/2025

CF (Hz)
5.57G

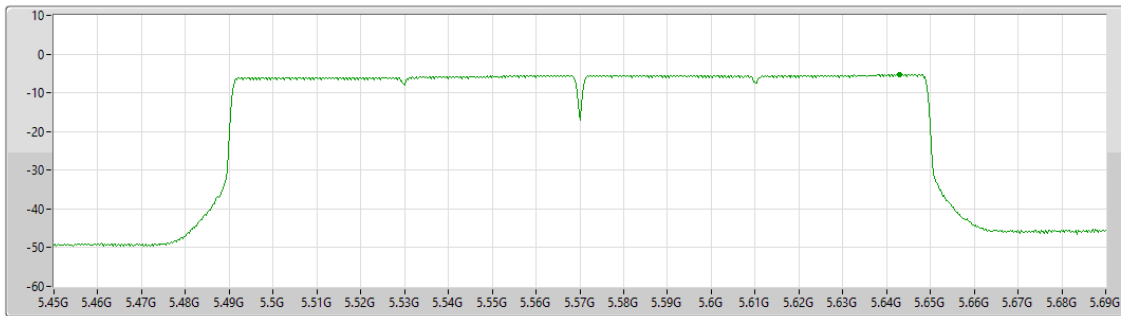
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
52.831

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.31	-5.31	-	-	-5.31

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

PSD

5720MHz Straddle 5.725-5.85GHz

25/01/2025

CF (Hz)
5.735G

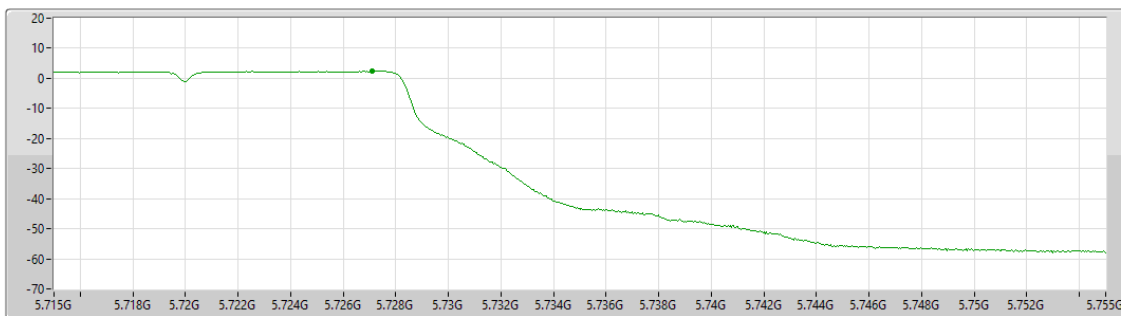
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Port 3 

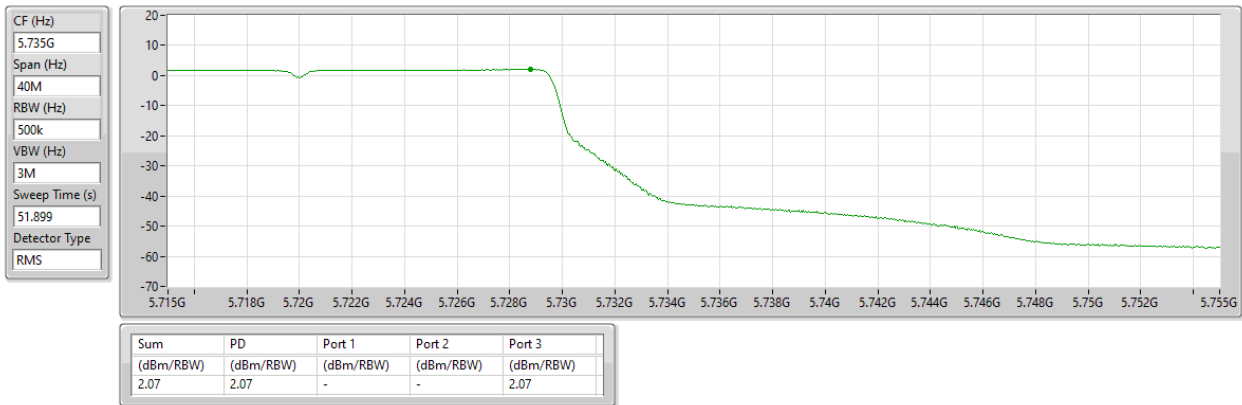
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.37	2.37	-	-	2.37

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

PSD

5720MHz Straddle 5.725-5.85GHz

25/01/2025

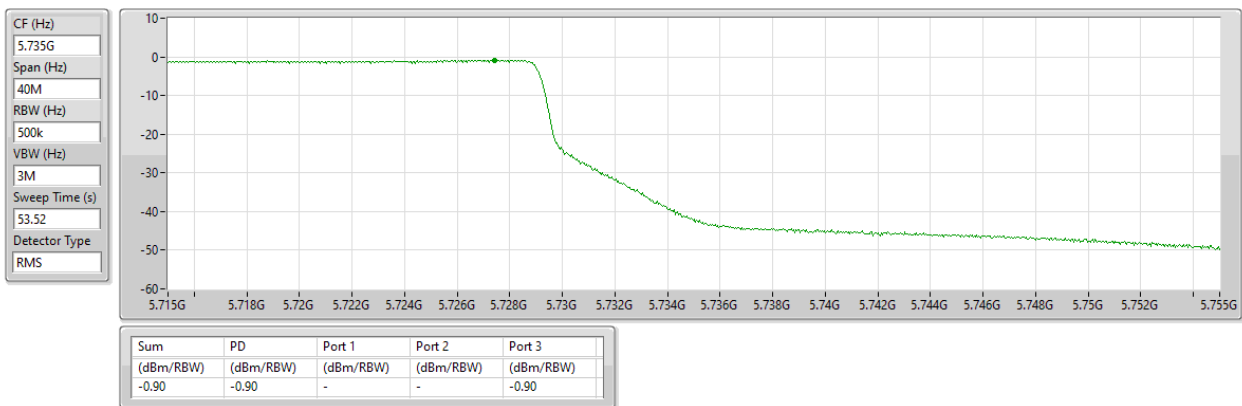


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

PSD

5710MHz Straddle 5.725-5.85GHz

27/01/2025

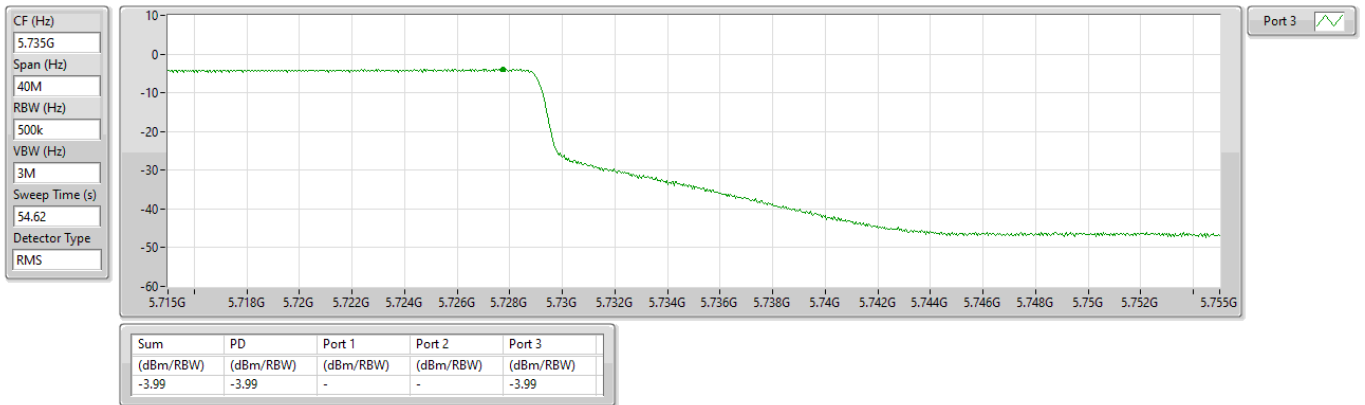


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

27/01/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	8.50
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	8.33
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	5.02
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	1.93
802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)	-2.31
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	5.55
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	5.30
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	2.00
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-0.97

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

**Result**

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)	-	-	-	-	-	-
5500MHz	Pass	5.26	5.48	5.03	8.24	11.00
5580MHz	Pass	5.26	5.62	5.36	8.50	11.00
5700MHz	Pass	5.26	5.37	5.63	8.46	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	5.42	5.52	8.41	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	2.45	2.70	5.55	30.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5500MHz	Pass	5.26	5.12	4.80	7.94	11.00
5580MHz	Pass	5.26	5.54	5.10	8.33	11.00
5700MHz	Pass	5.26	4.57	5.08	7.79	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	5.10	5.20	8.13	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.05	2.17	2.46	5.30	30.00
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5510MHz	Pass	5.26	2.05	1.50	4.74	11.00
5550MHz	Pass	5.26	2.13	1.94	4.99	11.00
5670MHz	Pass	5.26	2.16	1.98	5.02	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	1.82	1.99	4.86	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.05	-1.11	-0.89	2.00	30.00
802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5530MHz	Pass	5.26	-1.01	-1.28	1.80	11.00
5610MHz	Pass	5.26	-0.97	-1.16	1.91	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	-1.22	-0.84	1.93	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	-4.08	-3.79	-0.97	30.00
802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-
5570MHz	Pass	5.26	-5.15	-5.18	-2.31	11.00

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

PSD

5580MHz

27/01/2025

CF (Hz)
5.58G

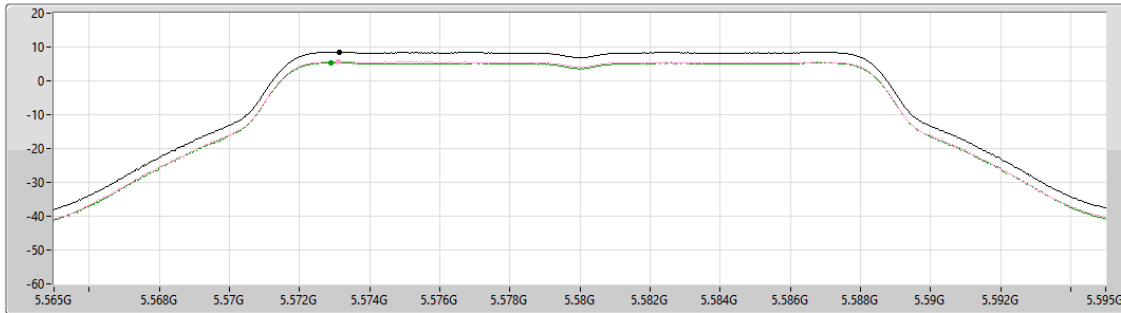
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

Sum	PD	Port 1	Port 2	Port 3
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.50	8.50	-	5.62	5.36

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5580MHz

27/01/2025

CF (Hz)
5.58G

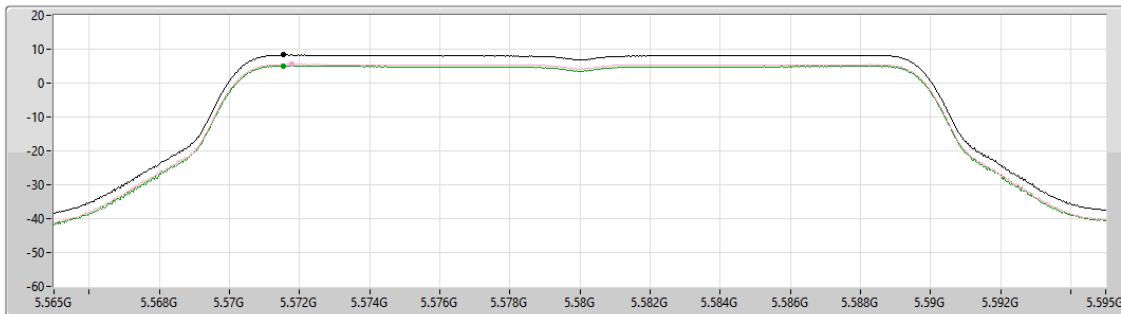
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
51.899

Detector Type
RMS



Sum ☒

Port 2 ☒

Port 3 ☒

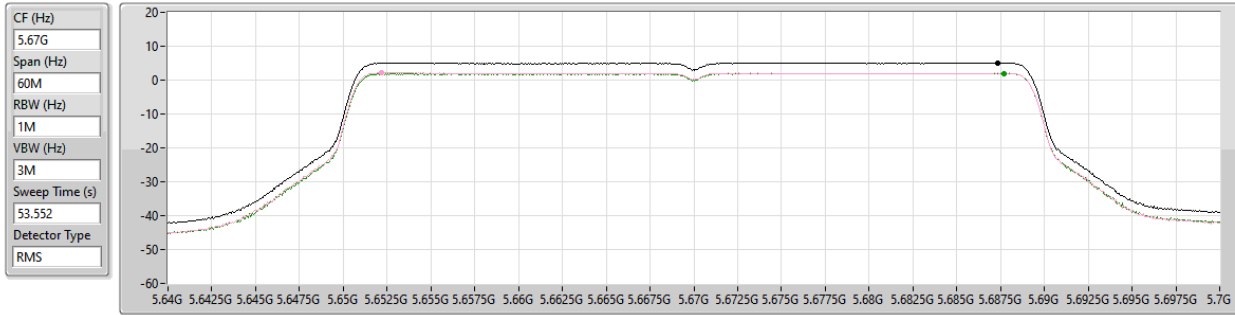
Sum	PD	Port 1	Port 2	Port 3
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.33	8.33	-	5.54	5.10

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5670MHz

27/01/2025



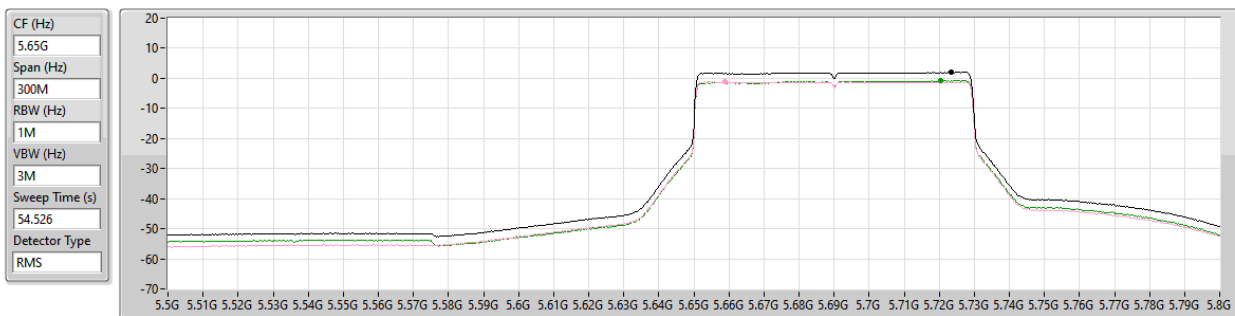
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.02	5.02	-	2.16	1.98

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5690MHz Straddle 5.47-5.725GHz

27/01/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.93	1.93	-	-1.22	-0.84

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5570MHz

14/03/2025

CF (Hz)
5.57G

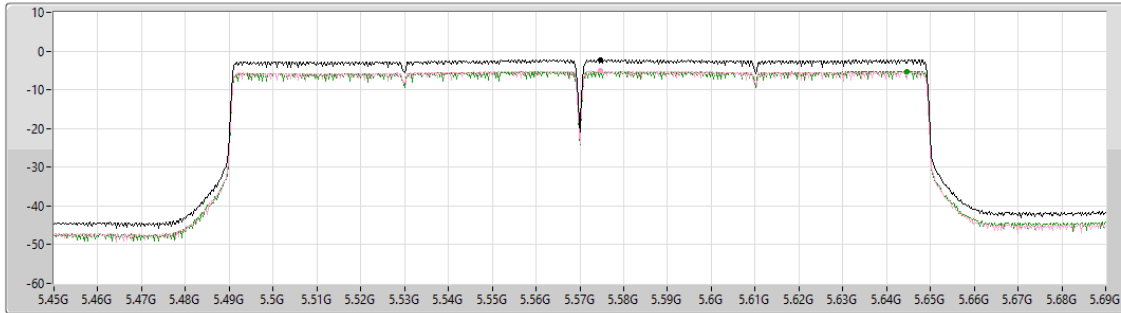
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
52.8

Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)
-2.31	-2.31	-	-5.15	-5.18

Sum ☒

Port 2 ☒

Port 3 ☒

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port2&Port3)

PSD

5720MHz Straddle 5.725-5.85GHz

27/01/2025

CF (Hz)
5.735G

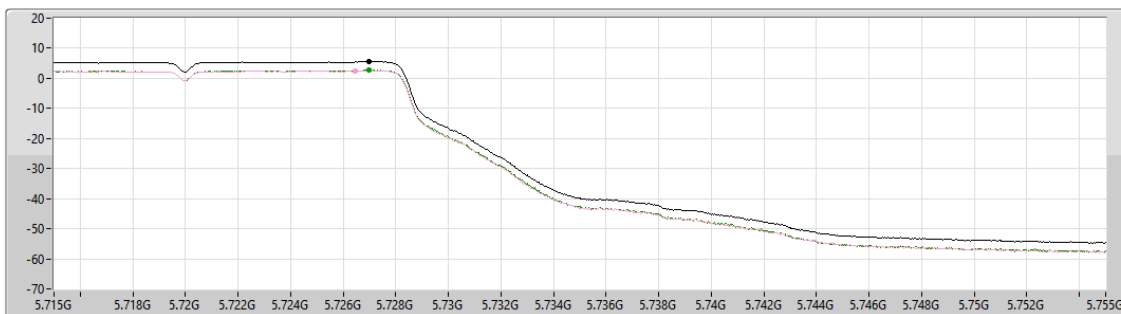
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)
5.55	5.55	-	2.45	2.70

Sum ☒

Port 2 ☒

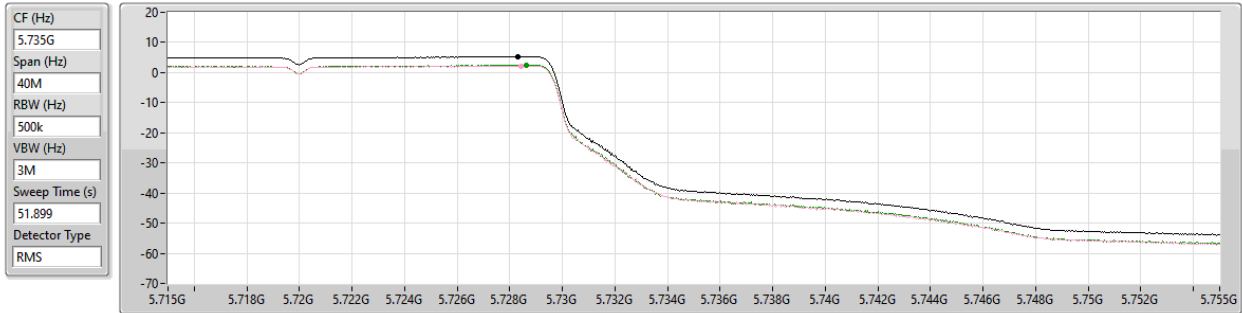
Port 3 ☒

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5720MHz Straddle 5.725-5.85GHz

27/01/2025



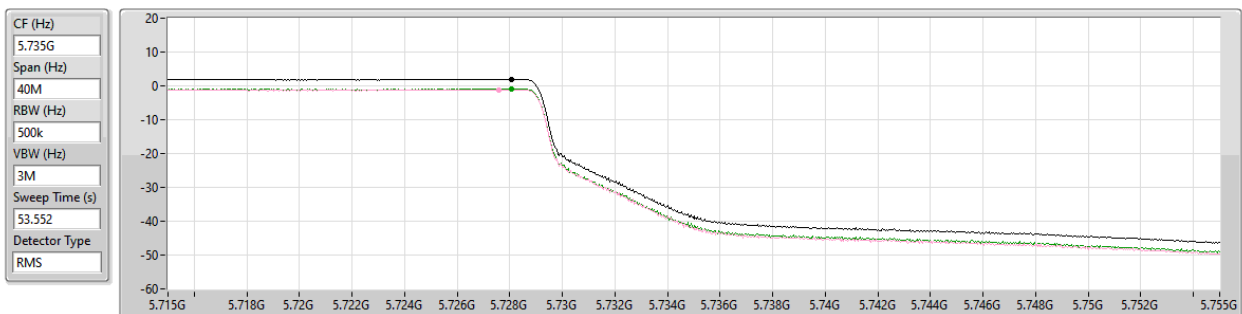
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	-	2.17	2.46

5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5710MHz Straddle 5.725-5.85GHz

27/01/2025



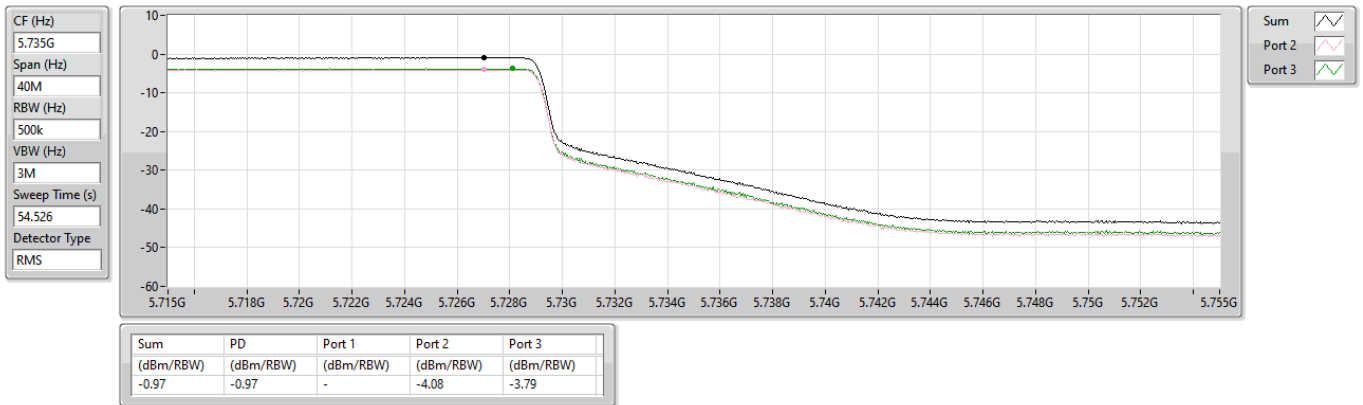
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.00	2.00	-	-1.11	-0.89

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port2&Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

27/01/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.92
802.11be EHT20_Nss1,(MCS0)_4TX	10.91
802.11be EHT40_Nss1,(MCS0)_4TX	7.80
802.11be EHT80_Nss1,(MCS0)_4TX	4.68
802.11be EHT160_Nss1,(MCS0)_4TX	-2.45
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.92
802.11be EHT20_Nss1,(MCS0)_4TX	7.94
802.11be EHT40_Nss1,(MCS0)_4TX	4.68
802.11be EHT80_Nss1,(MCS0)_4TX	1.60

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	5.50	4.94	4.96	4.31	4.17	10.53	11.00
5580MHz	Pass	5.50	5.17	5.21	4.96	4.31	10.89	11.00
5700MHz	Pass	5.50	5.14	5.05	5.14	4.37	10.92	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.50	5.14	4.97	4.95	4.31	10.80	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.08	2.16	2.19	2.00	1.46	7.92	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	5.50	4.83	5.12	4.45	4.29	10.63	11.00
5580MHz	Pass	5.50	4.89	5.38	4.92	4.47	10.91	11.00
5700MHz	Pass	5.50	3.25	3.28	3.20	2.53	9.09	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.50	4.99	5.03	4.94	4.41	10.76	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.08	2.12	2.16	2.05	1.54	7.94	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	5.50	1.94	1.59	1.40	1.20	7.45	11.00
5550MHz	Pass	5.50	2.11	1.95	1.91	1.46	7.79	11.00
5670MHz	Pass	5.50	2.15	2.01	1.76	1.68	7.80	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.50	2.04	1.72	2.00	1.36	7.69	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.08	-0.97	-1.49	-0.96	-1.84	4.68	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.50	-1.50	-1.63	-1.75	-2.11	4.16	11.00
5610MHz	Pass	5.50	-0.87	-1.16	-1.36	-1.99	4.59	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.50	-0.88	-1.30	-1.01	-1.74	4.68	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.08	-3.86	-4.62	-4.01	-4.95	1.60	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.50	-7.93	-8.13	-8.33	-9.02	-2.45	11.00

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

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

25/01/2025

CF (Hz)
5.7G

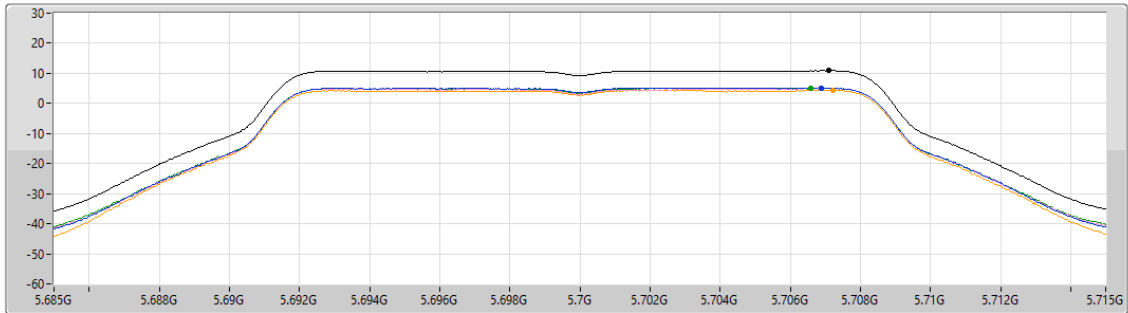
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	5.14	5.05	5.14	4.37

Sum

Port 1

Port 2

Port 3

Port 4

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

25/01/2025

CF (Hz)
5.58G

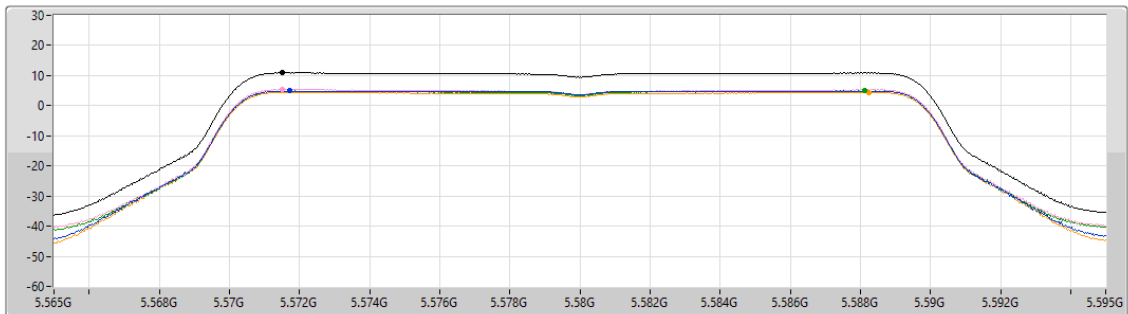
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
51.899

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	4.89	5.38	4.92	4.47

Sum

Port 1

Port 2

Port 3

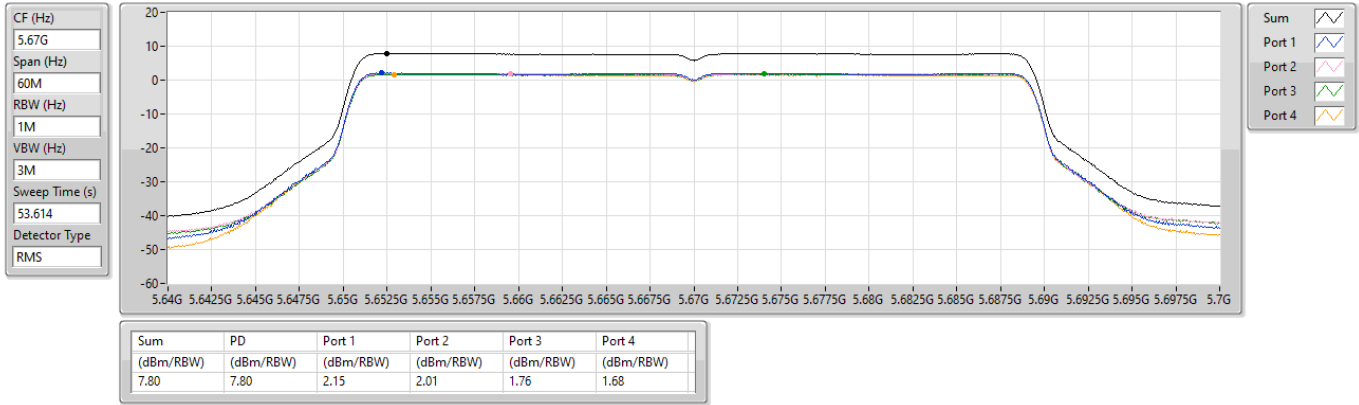
Port 4

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

25/01/2025

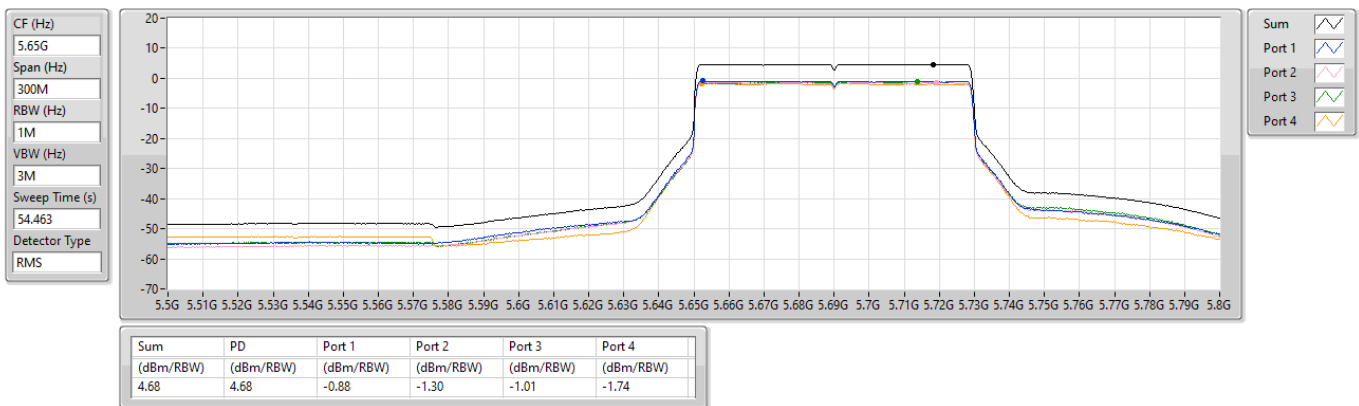


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

25/01/2025



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

25/01/2025

CF (Hz)
5.57G

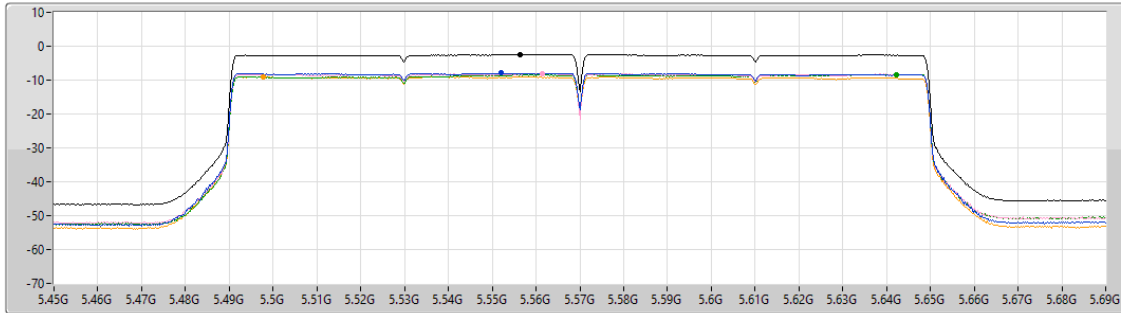
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
52.894

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.45	-2.45	-7.93	-8.13	-8.33	-9.02

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/01/2025

CF (Hz)
5.735G

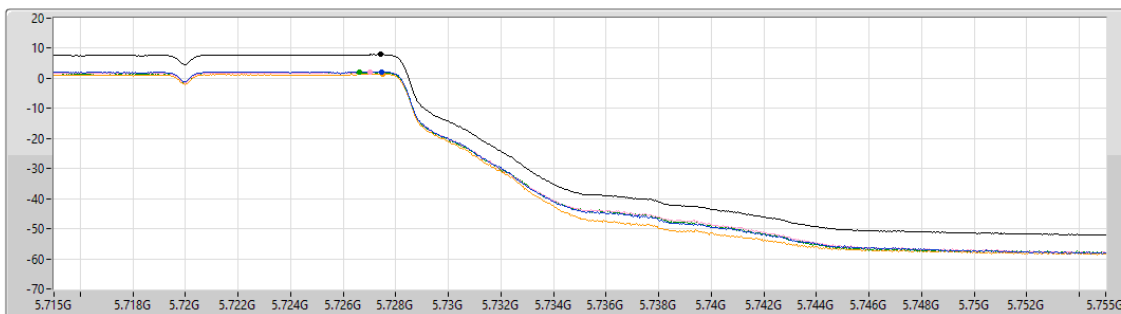
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.954

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

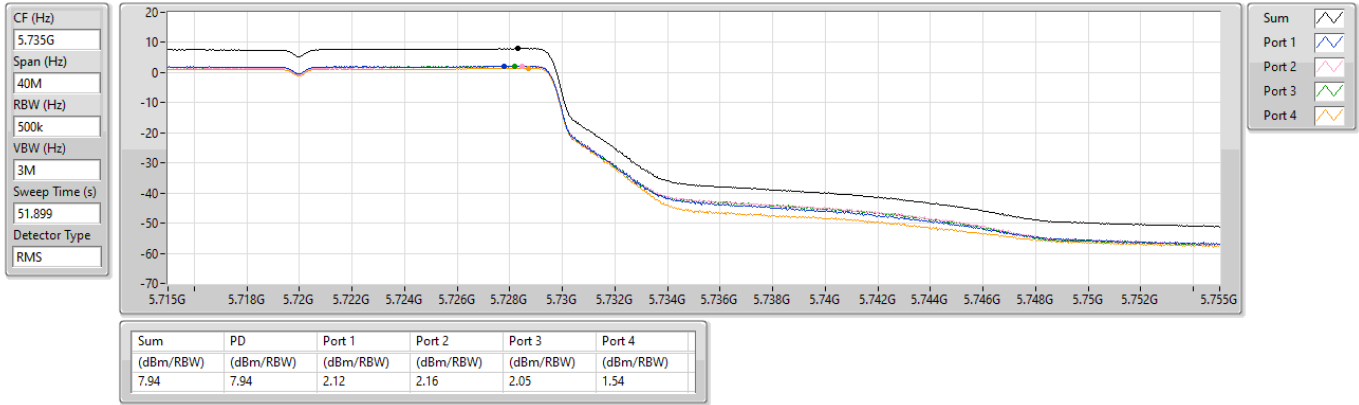
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.92	7.92	2.16	2.19	2.00	1.46

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/01/2025

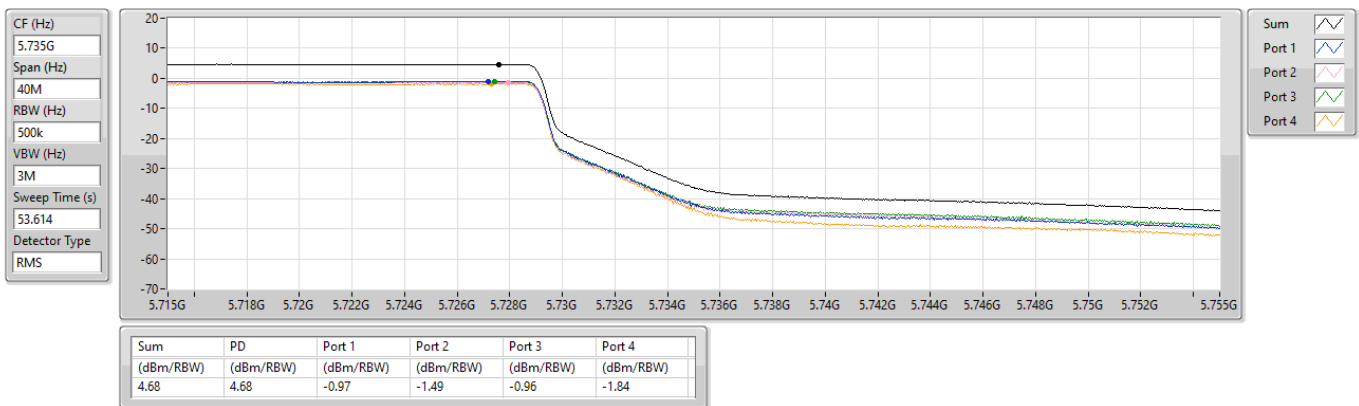


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

25/01/2025

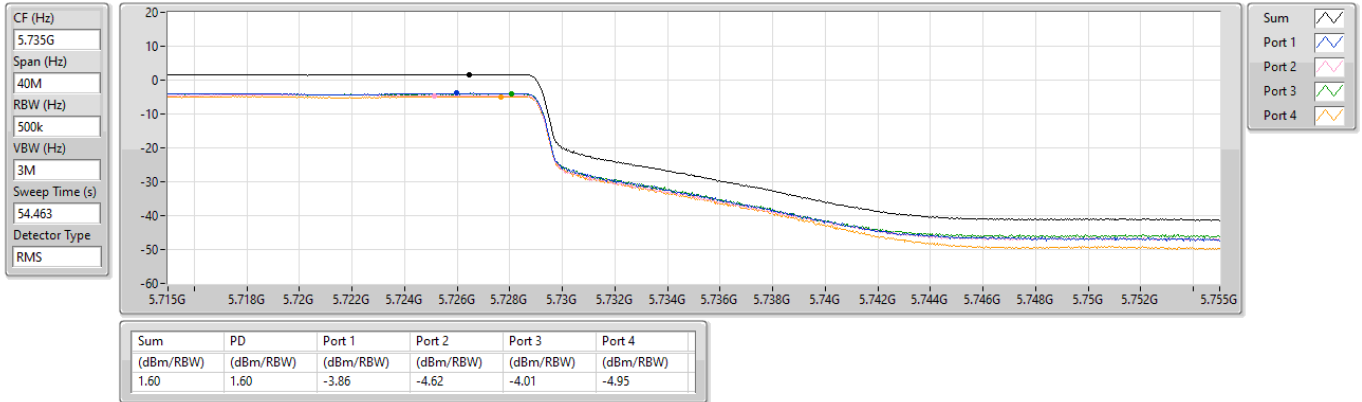


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

25/01/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-1.53
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)	-6.56
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-4.42

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



Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-	-	-	-	-
5530MHz	Pass	5.26	-1.59	-1.59	11.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)	-	-	-	-	-
5610MHz	Pass	5.26	-2.09	-2.09	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	-1.53	-1.53	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	-4.42	-4.42	30.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	5.26	-6.56	-6.56	11.00

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

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)

PSD

5530MHz

01/02/2025

CF (Hz)
5.53G

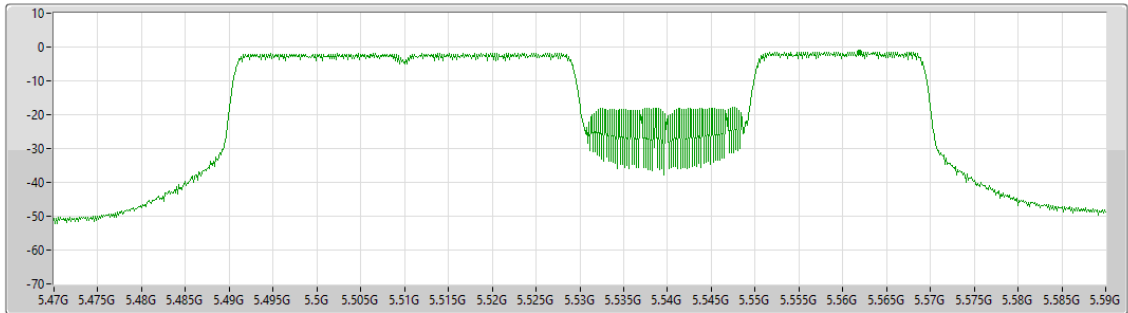
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20.023

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.59	-1.59	-	-	-1.59

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)

PSD

5610MHz

01/02/2025

CF (Hz)
5.61G

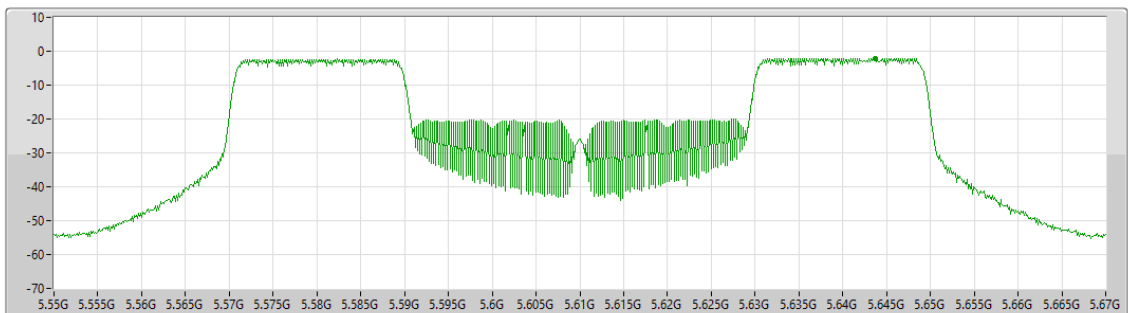
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
29.812

Detector Type
RMS



Port 3 

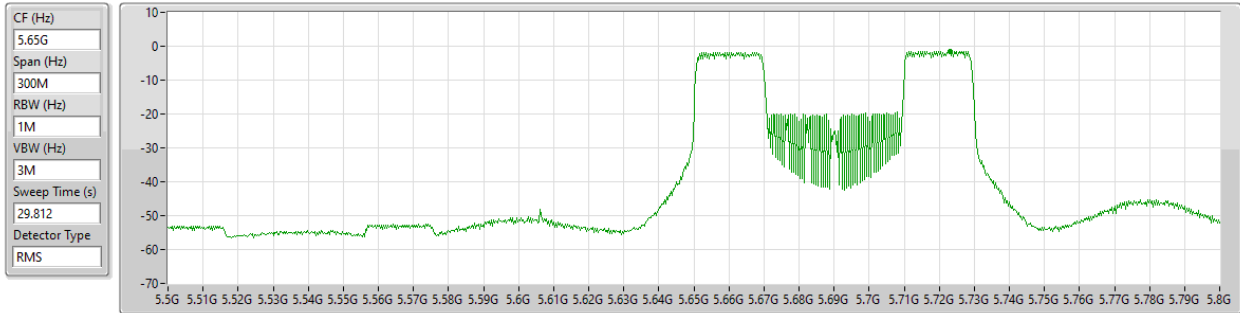
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.09	-2.09	-	-	-2.09

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)

PSD

5690MHz Straddle 5.47-5.725GHz

01/02/2025



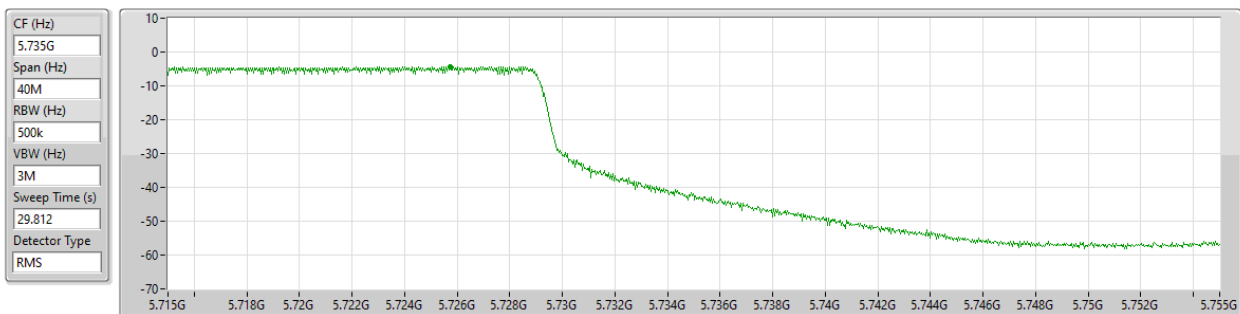
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.53	-1.53	-	-	-1.53

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX(Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

01/02/2025



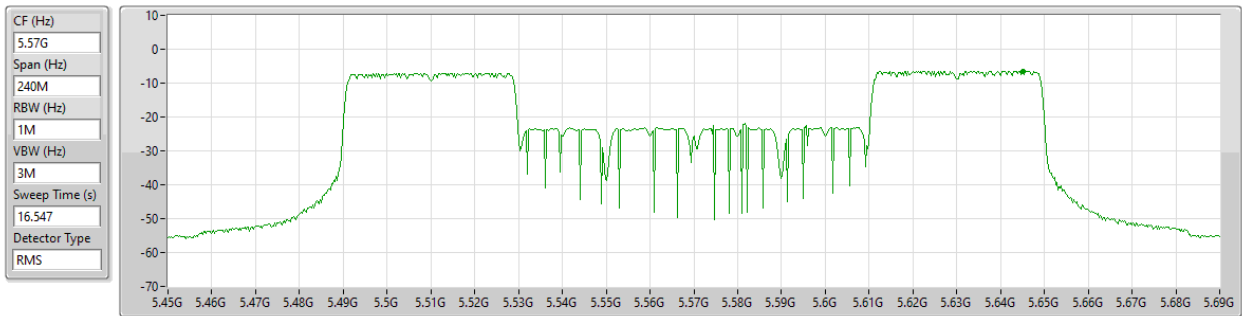
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.42	-4.42	-	-	-4.42

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)

PSD

5570MHz

01/02/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.56	-6.56	-	-	-6.56



Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	1.56
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port2&Port3)	-3.87
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	-1.13

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



Result

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	-	-	-	-	-	-
5530MHz	Pass	5.26	-1.65	-1.83	1.19	11.00
5610MHz	Pass	5.26	-1.47	-1.36	1.56	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	-2.29	-2.54	0.50	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	-3.82	-4.16	-1.13	30.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port2&Port3)	-	-	-	-	-	-
5570MHz	Pass	5.26	-6.91	-6.81	-3.87	11.00

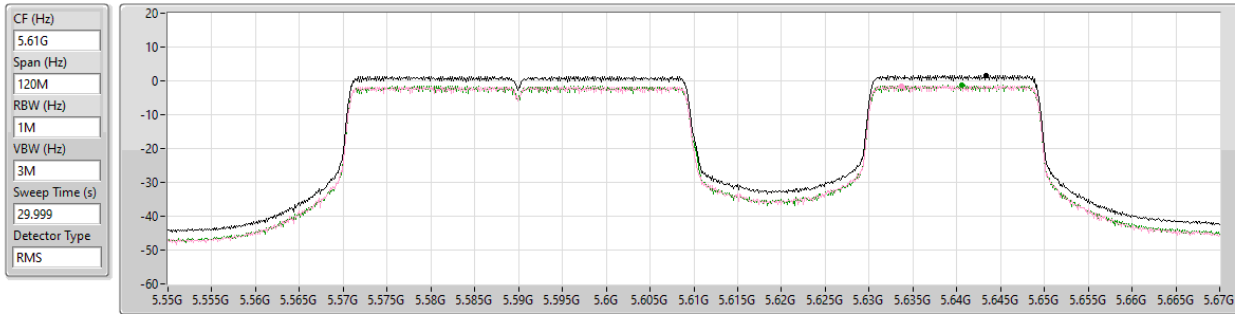
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)

PSD

5610MHz

15/02/2025



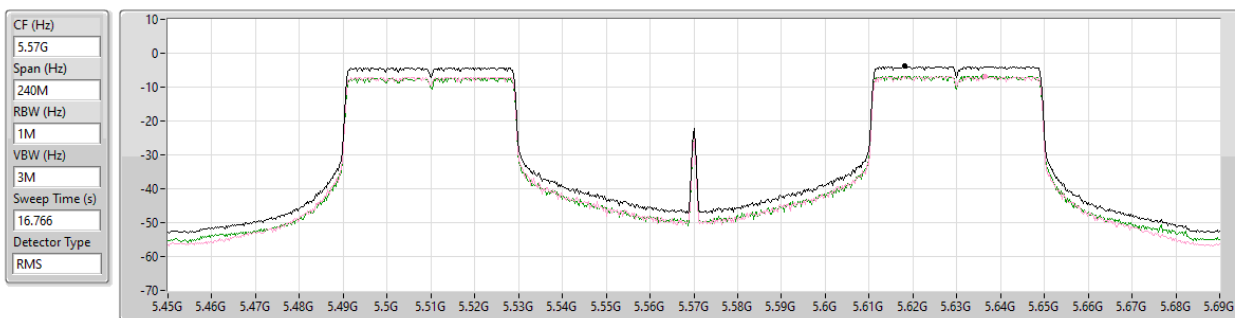
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.56	1.56	-	-1.47	-1.36

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX(Port2&Port3)

PSD

5570MHz

14/03/2025



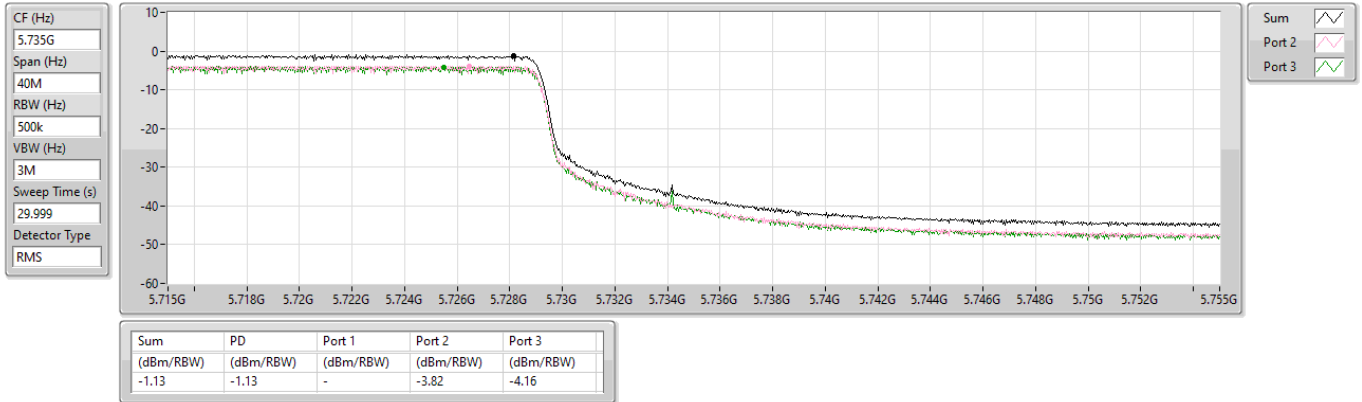
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.87	-3.87	-	-6.91	-6.81

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

15/02/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	4.63
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-3.18
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	1.47

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)
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.50	-2.88	-2.62	-3.02	-3.22	3.01	11.00
5610MHz	Pass	5.50	-2.41	-2.49	-2.65	-3.40	2.97	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.50	-0.98	-1.24	-0.98	-1.52	4.63	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.08	-3.92	-4.51	-4.00	-4.77	1.47	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.50	-8.93	-8.80	-8.87	-9.56	-3.18	11.00

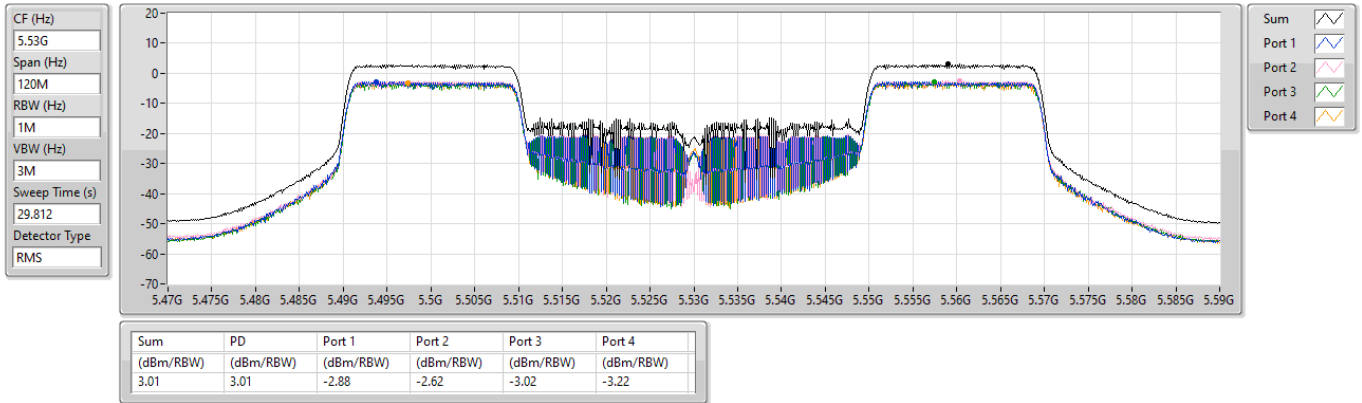
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5530MHz

01/02/2025

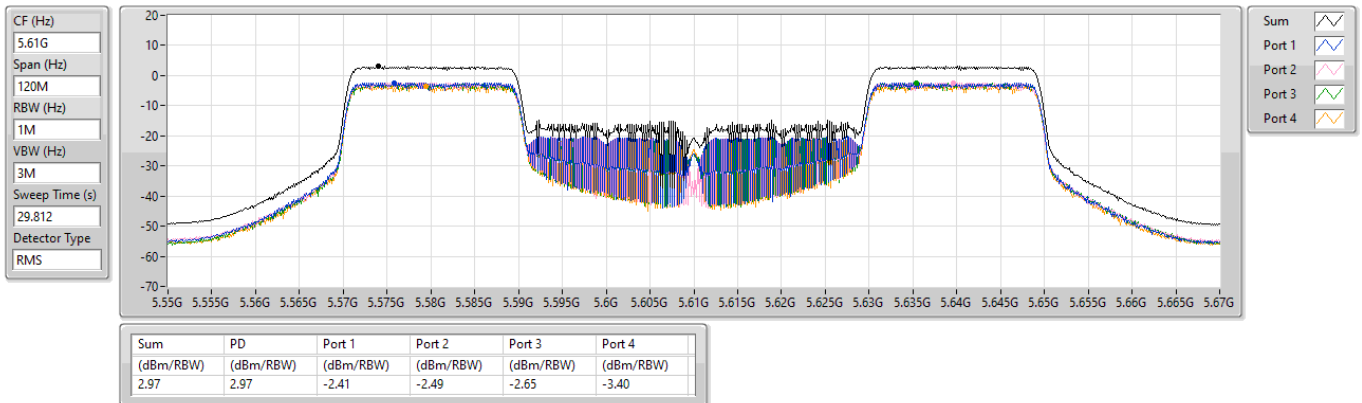


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5610MHz

01/02/2025

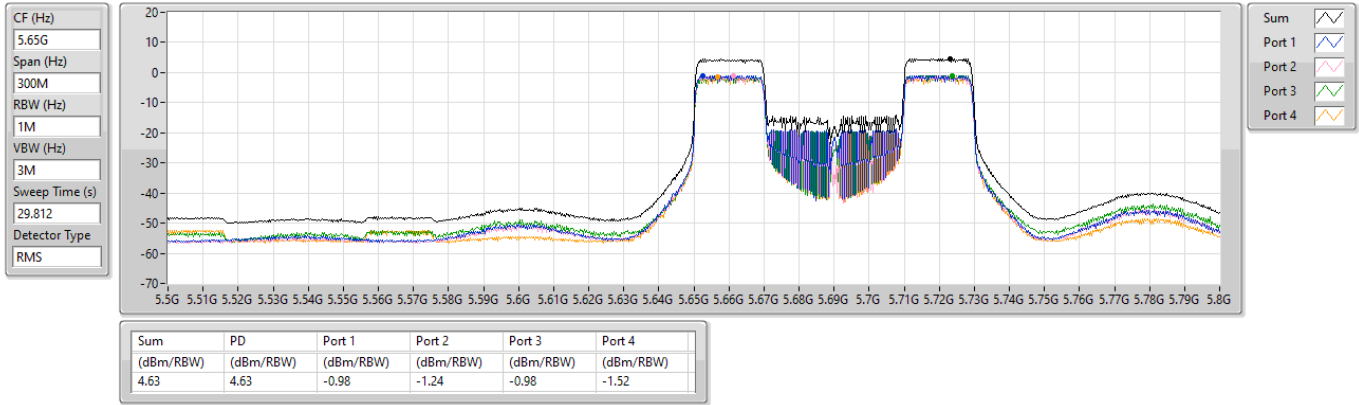


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/02/2025

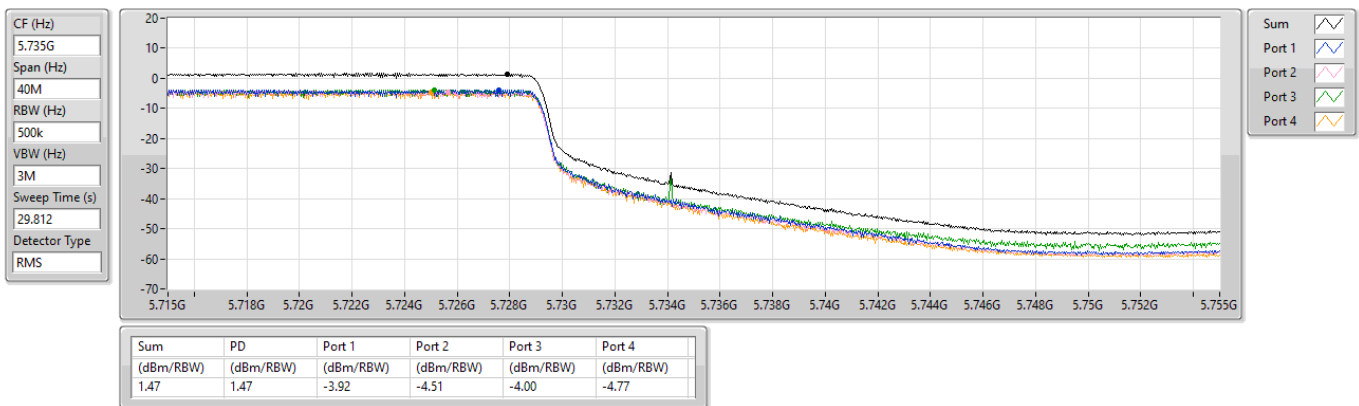


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/02/2025

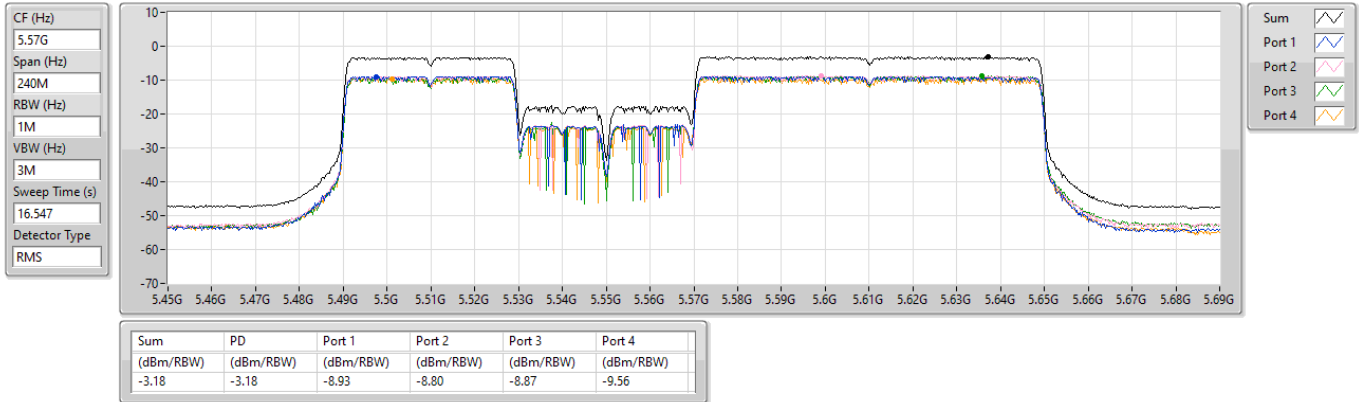


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

PSD

5570MHz

01/02/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-1.29
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)	-5.43
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-4.25

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



Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-	-	-	-	-
5530MHz	Pass	5.26	-1.72	-1.72	11.00
5610MHz	Pass	5.26	-1.55	-1.55	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	-1.29	-1.29	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	-4.25	-4.25	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	5.26	-6.67	-6.67	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	5.26	-5.43	-5.43	11.00

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

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

PSD

5530MHz

31/01/2025

CF (Hz)
5.53G

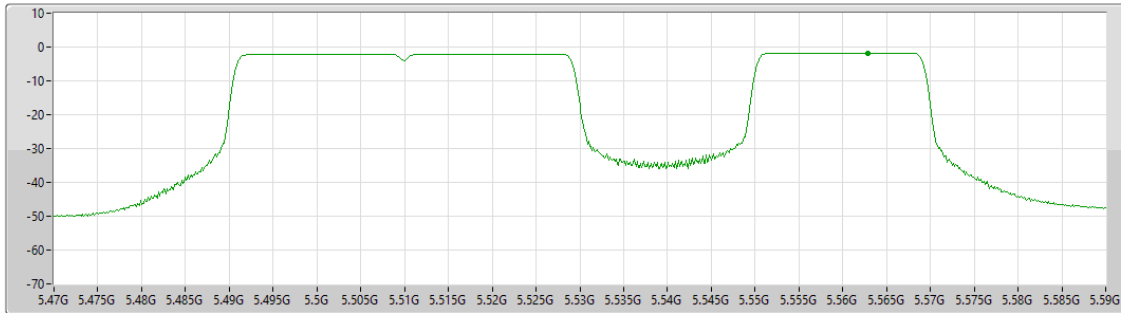
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.72	-1.72	-	-	-1.72

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

PSD

5610MHz

31/01/2025

CF (Hz)
5.61G

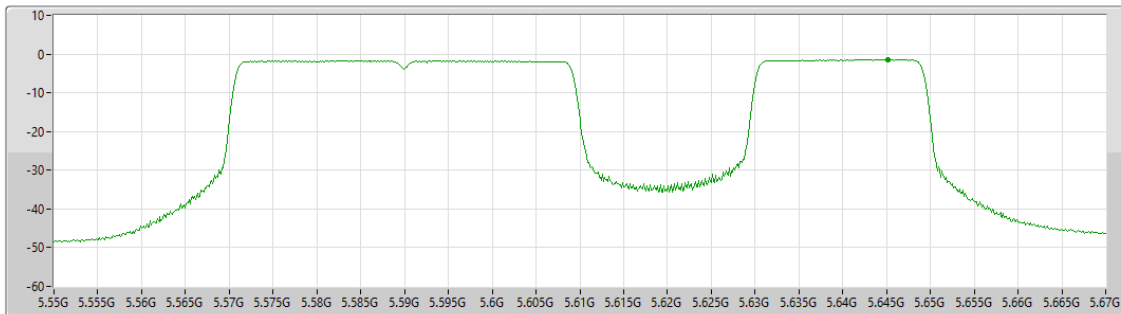
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Port 3 

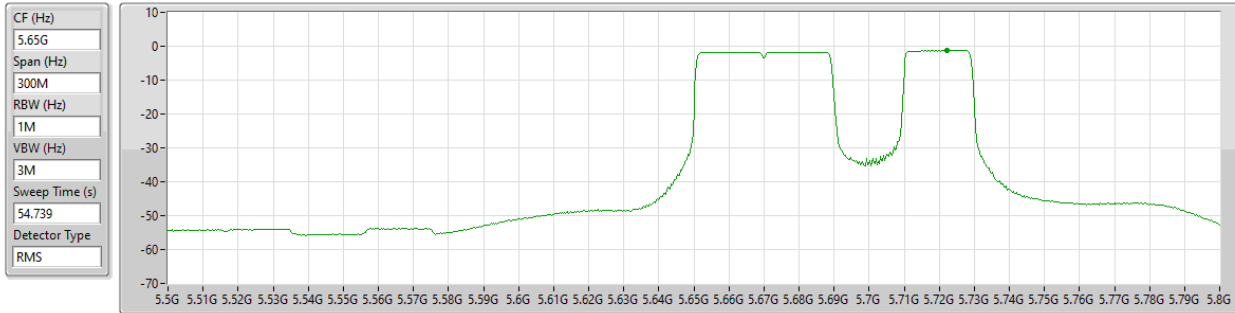
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.55	-1.55	-	-	-1.55

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

PSD

5690MHz Straddle 5.47-5.725GHz

31/01/2025



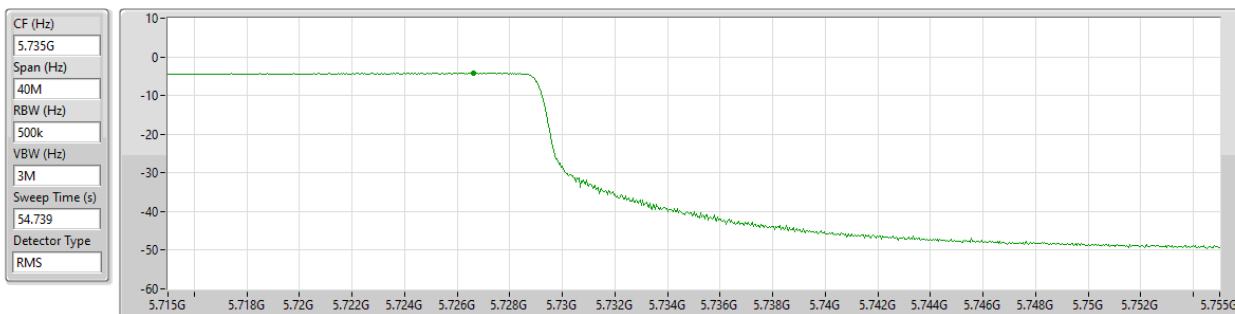
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.29	-1.29	-	-	-1.29

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

31/01/2025



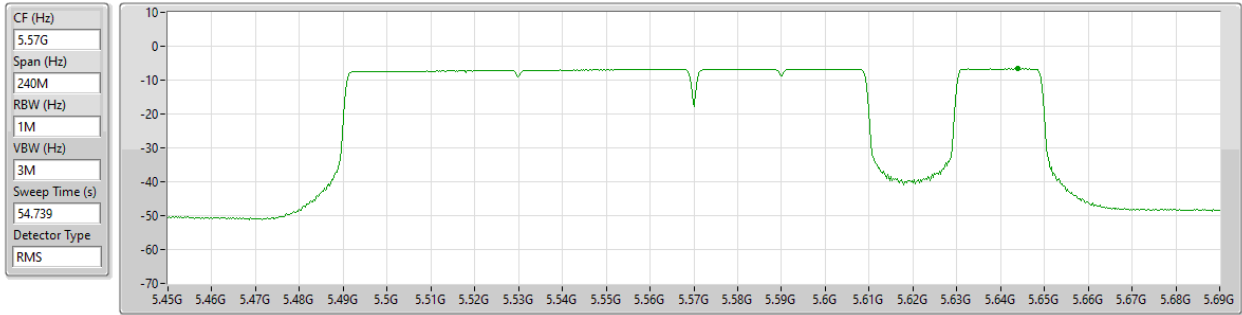
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.25	-4.25	-	-	-4.25

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 7_1TX(Port3)

PSD

5570MHz

31/01/2025



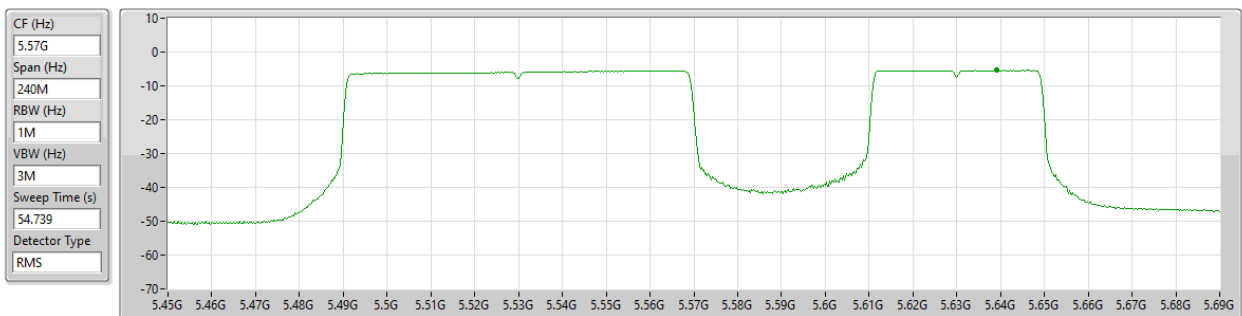
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.67	-6.67	-	-	-6.67

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)

PSD

5570MHz

31/01/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.43	-5.43	-	-	-5.43



Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	1.53
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port2&Port3)	-2.47
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX(Port2&Port3)	-39.70

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



Result

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)	-	-	-	-	-	-
5530MHz	Pass	5.26	-1.63	-1.72	1.29	11.00
5610MHz	Pass	5.26	-1.46	-1.48	1.53	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX(Port2&Port3)	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	-1.56	-1.36	1.47	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.05	-42.74	-42.26	-39.70	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX(Port2&Port3)	-	-	-	-	-	-
5570MHz	Pass	5.26	-6.99	-7.06	-4.06	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port2&Port3)	-	-	-	-	-	-
5570MHz	Pass	5.26	-5.46	-5.36	-2.47	11.00

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

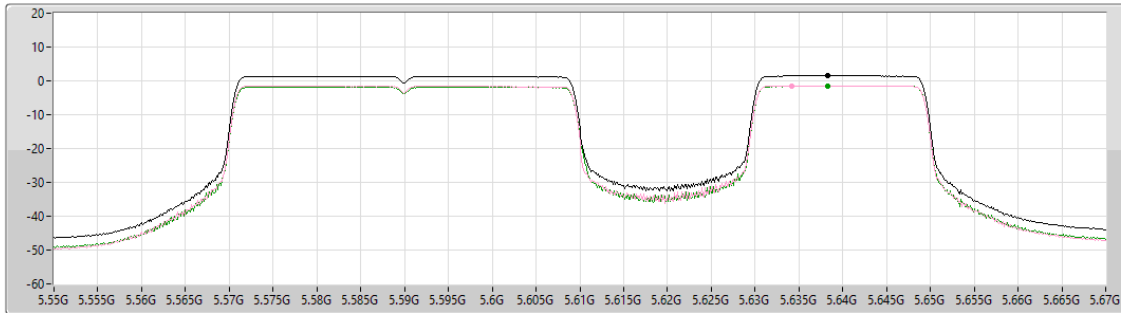
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&Port3)

PSD

5610MHz

31/01/2025

CF (Hz)
5.61G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.739
Detector Type
RMS



Sum
Port 2
Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.53	1.53	-	-1.46	-1.48

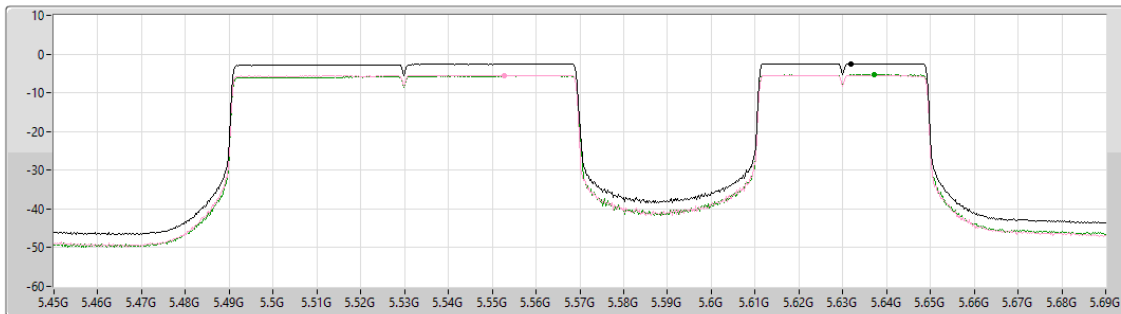
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port2&Port3)

PSD

5570MHz

14/03/2025

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



Sum
Port 2
Port 3

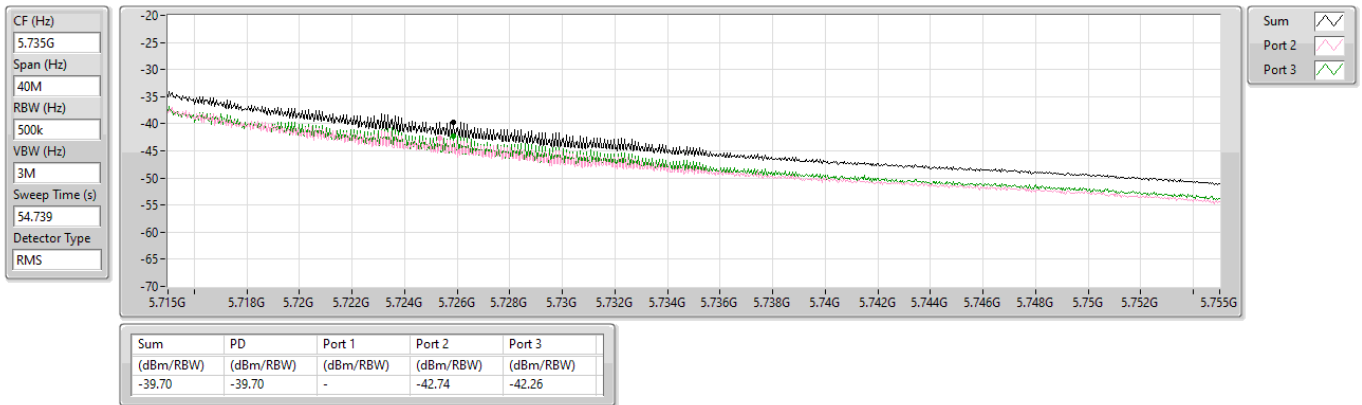
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.47	-2.47	-	-5.46	-5.36

5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_2TX(Port2&Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

31/01/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	4.60
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-3.19
5.725-5.85GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	1.44

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)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	5.50	-1.78	-1.93	-2.04	-2.44	3.84	11.00
5610MHz	Pass	5.50	-0.97	-1.32	-1.29	-1.97	4.47	11.00
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	5.50	-0.95	-1.43	-1.18	-1.87	4.60	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.08	-4.16	-4.73	-4.30	-4.85	1.44	30.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.50	-9.89	-9.96	-10.03	-10.64	-4.42	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	5.50	-8.72	-8.73	-8.79	-9.38	-3.19	11.00

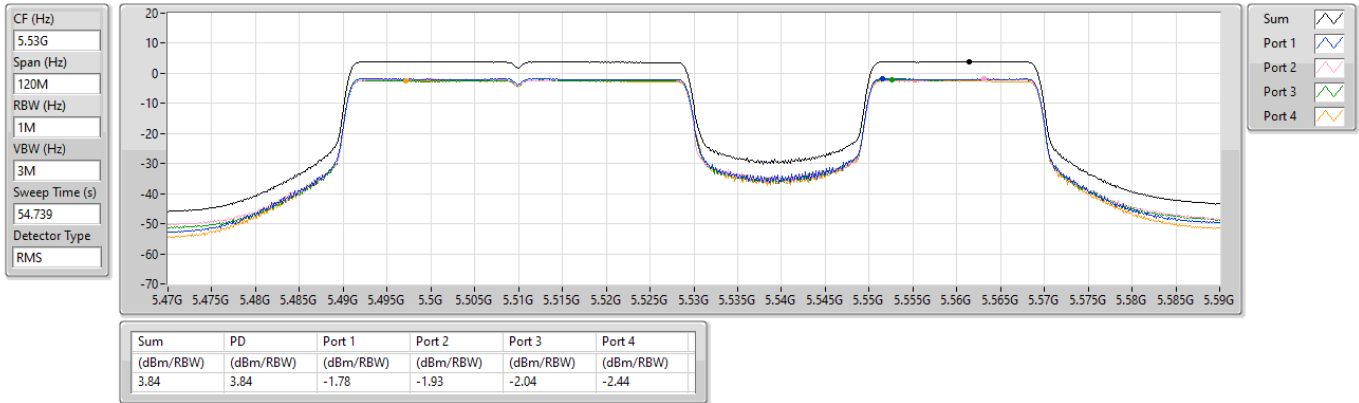
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

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

PSD

5530MHz

30/01/2025

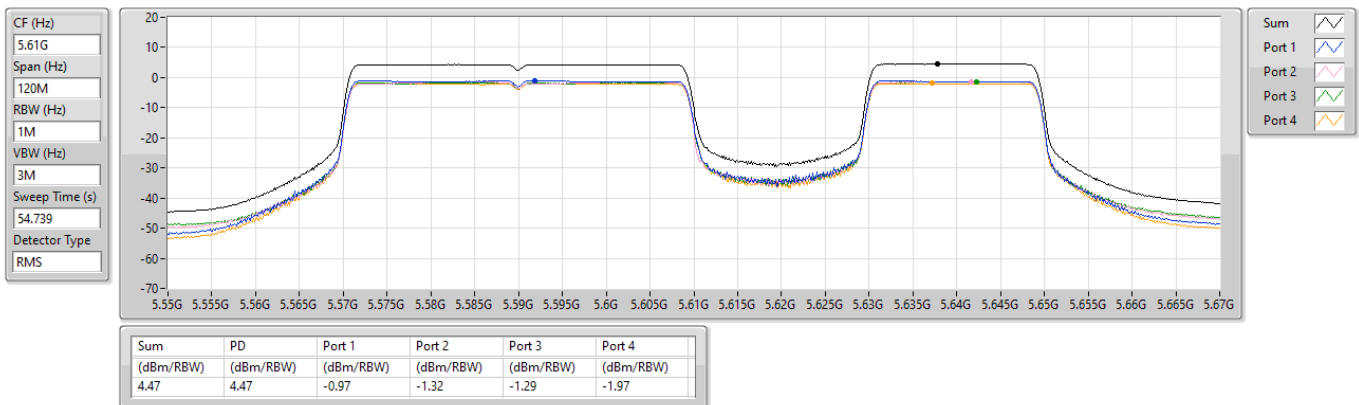


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX

PSD

5610MHz

30/01/2025

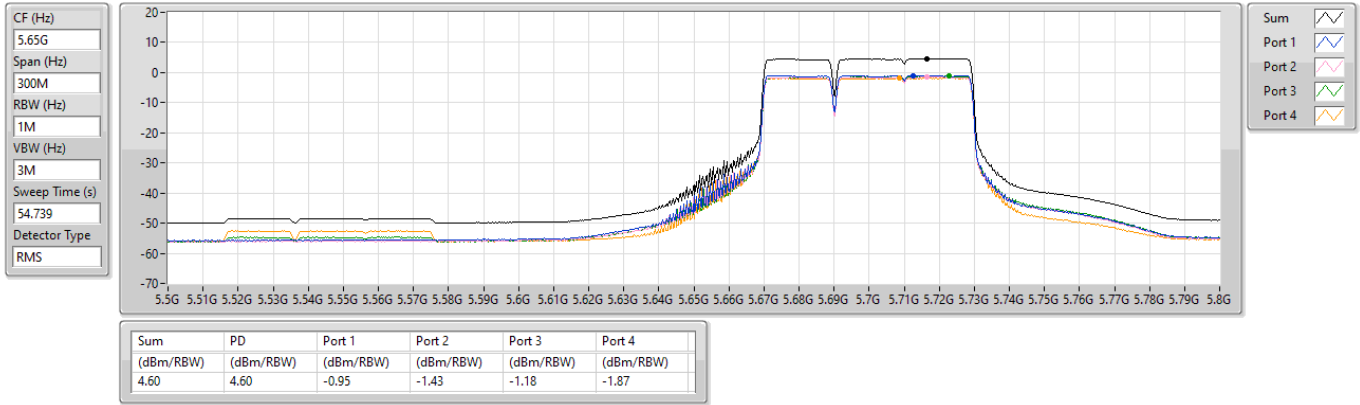


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

30/01/2025

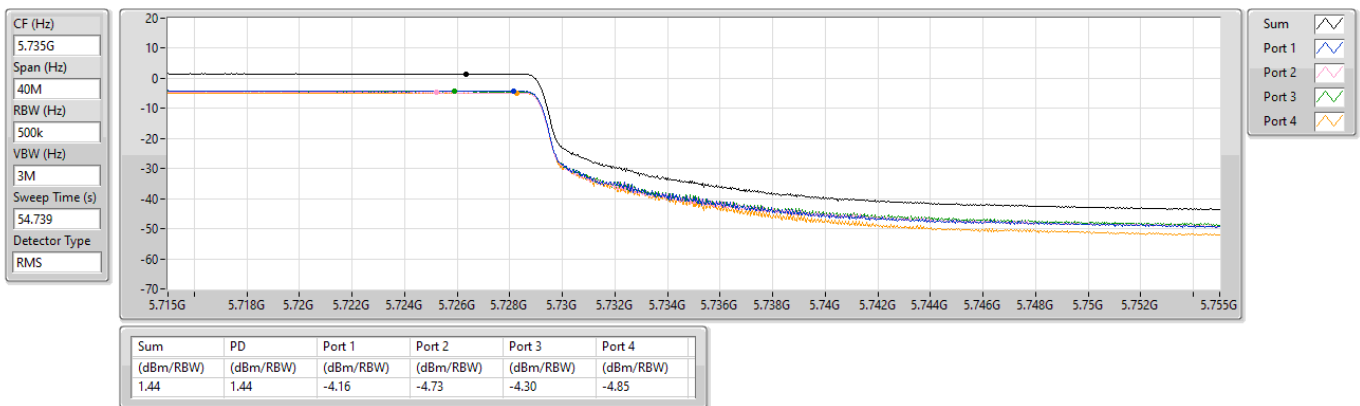


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

30/01/2025



5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX

PSD

5570MHz

30/01/2025

CF (Hz)
5.57G

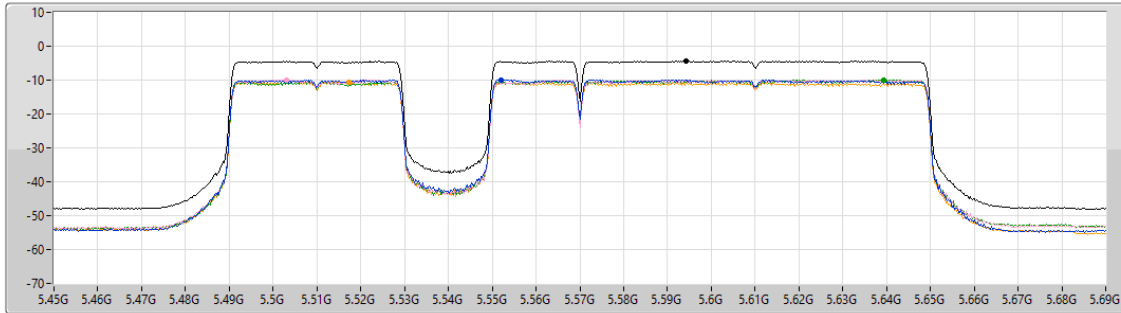
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.42	-4.42	-9.89	-9.96	-10.03	-10.64

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_4TX

PSD

5570MHz

30/01/2025

CF (Hz)
5.57G

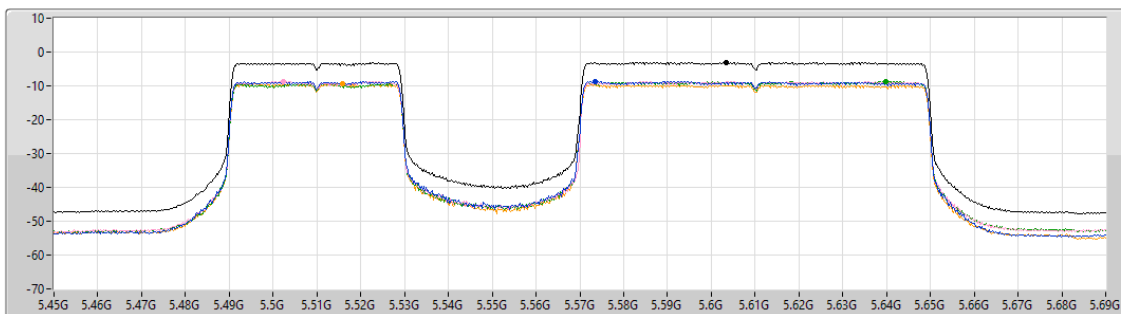
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.739

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.19	-3.19	-8.72	-8.73	-8.79	-9.38



Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.97
802.11ax HEW20_Nss1,(MCS0)_1TX	5.20
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	-0.48
802.11ax HEW20_Nss1,(MCS0)_1TX	-1.23

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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5500MHz	Pass	3.94	5.28	5.28	11.00
5580MHz	Pass	3.94	5.97	5.97	11.00
5700MHz	Pass	3.94	5.85	5.85	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.94	5.47	5.47	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.55	-0.48	-0.48	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5500MHz	Pass	3.94	4.54	4.54	11.00
5580MHz	Pass	3.94	5.20	5.20	11.00
5700MHz	Pass	3.94	4.19	4.19	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.94	4.73	4.73	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.55	-1.23	-1.23	30.00

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

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

PSD

5580MHz

28/01/2025

CF (Hz)
5.58G

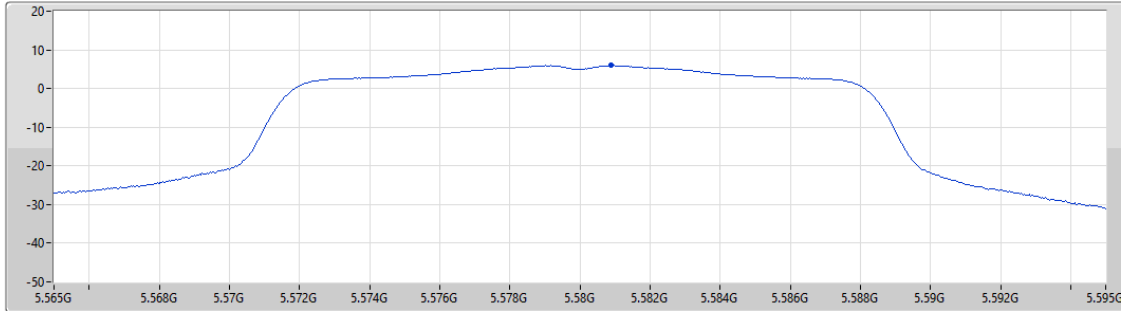
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
21.146

Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	5.97

5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

28/01/2025

CF (Hz)
5.58G

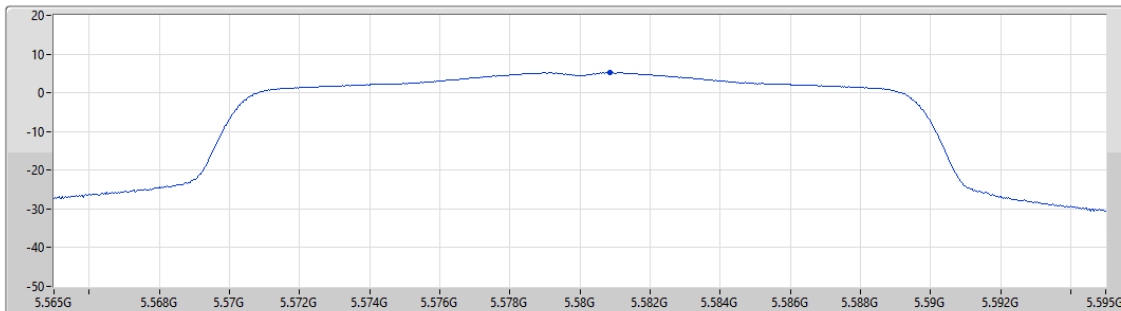
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
52.117

Detector Type
RMS



Port 1

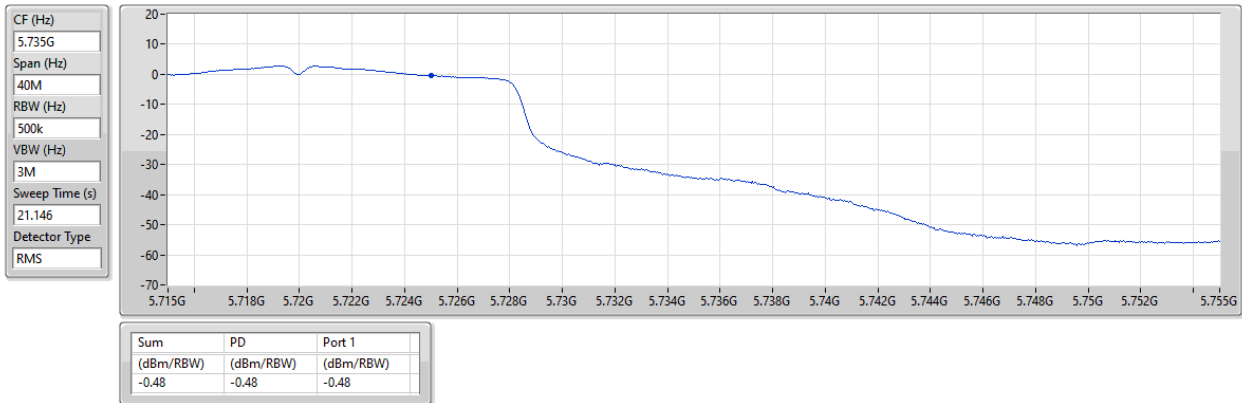
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	5.20

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

PSD

5720MHz Straddle 5.725-5.85GHz

28/01/2025

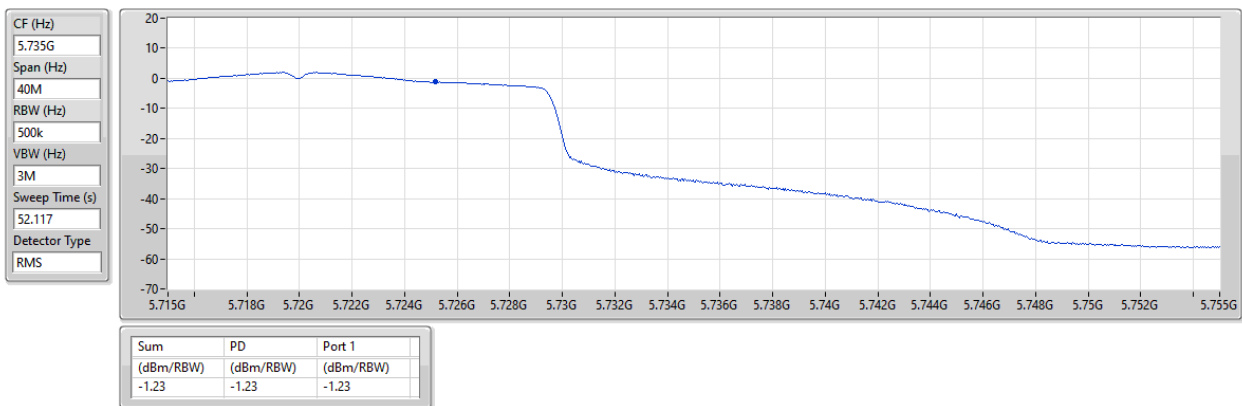


5.725-5.85GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

28/01/2025





RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_1T1S Appendix E.1

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	Pass	PK	33.75M	35.07	40.00	-4.93	3	Vertical	360	1.00



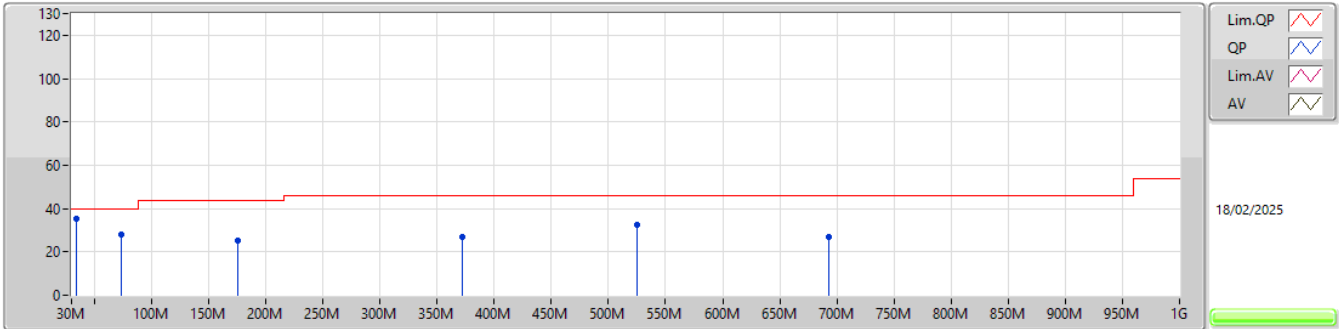
RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_1T1S Appendix E.1

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-
5700MHz	Pass	PK	33.75M	35.07	40.00	-4.93	3	Vertical	360	1.00
5700MHz	Pass	PK	73.99M	28.15	40.00	-11.85	3	Vertical	360	1.00
5700MHz	Pass	PK	175.41M	25.26	43.50	-18.24	3	Vertical	360	1.00
5700MHz	Pass	PK	372.16M	26.84	46.00	-19.16	3	Vertical	360	1.00
5700MHz	Pass	PK	525.18M	32.76	46.00	-13.24	3	Vertical	360	1.00
5700MHz	Pass	PK	692.52M	26.93	46.00	-19.07	3	Vertical	360	1.00
5700MHz	Pass	PK	33.86M	27.18	40.00	-12.82	3	Horizontal	0	1.00
5700MHz	Pass	PK	84.02M	24.02	40.00	-15.98	3	Horizontal	0	1.00
5700MHz	Pass	PK	272.66M	21.55	46.00	-24.45	3	Horizontal	0	1.00
5700MHz	Pass	PK	409.51M	29.85	46.00	-16.15	3	Horizontal	0	1.00
5700MHz	Pass	PK	561.7M	27.33	46.00	-18.67	3	Horizontal	0	1.00
5700MHz	Pass	PK	716.34M	30.62	46.00	-15.38	3	Horizontal	0	1.00

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

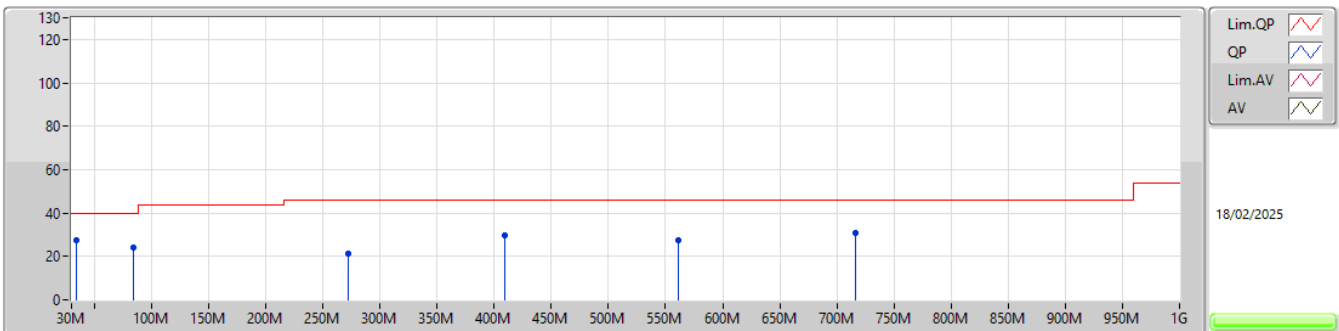
5700MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.75M	35.07	40.00	-4.93	-15.13	3	Vertical	360	1.00	50.20	21.66	0.59	37.38
PK	73.99M	28.15	40.00	-11.85	-24.75	3	Vertical	360	1.00	52.90	11.69	0.87	37.31
PK	175.41M	25.26	43.50	-18.24	-20.99	3	Vertical	360	1.00	46.25	14.37	1.39	36.75
PK	372.16M	26.84	46.00	-19.16	-14.85	3	Vertical	360	1.00	41.69	19.92	2.17	36.94
PK	525.18M	32.76	46.00	-13.24	-11.61	3	Vertical	360	1.00	44.37	23.12	2.62	37.35
PK	692.52M	26.93	46.00	-19.07	-9.48	3	Vertical	360	1.00	36.41	25.11	3.09	37.68

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

5700MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.86M	27.18	40.00	-12.82	-15.18	3	Horizontal	0	1.00	42.36	21.61	0.59	37.38
PK	84.02M	24.02	40.00	-15.98	-23.41	3	Horizontal	0	1.00	47.43	12.85	0.94	37.20
PK	272.66M	21.55	46.00	-24.45	-17.17	3	Horizontal	0	1.00	38.72	17.74	1.80	36.71
PK	409.51M	29.85	46.00	-16.15	-13.61	3	Horizontal	0	1.00	43.46	21.13	2.28	37.02
PK	561.7M	27.33	46.00	-18.67	-9.75	3	Horizontal	0	1.00	37.08	25.01	2.73	37.49
PK	716.34M	30.62	46.00	-15.38	-8.85	3	Horizontal	0	1.00	39.47	25.74	3.14	37.73



RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_1T1S Appendix E.2

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	Pass	AV	11.40114G	44.61	54.00	-9.39	3	Horizontal	116	1.79



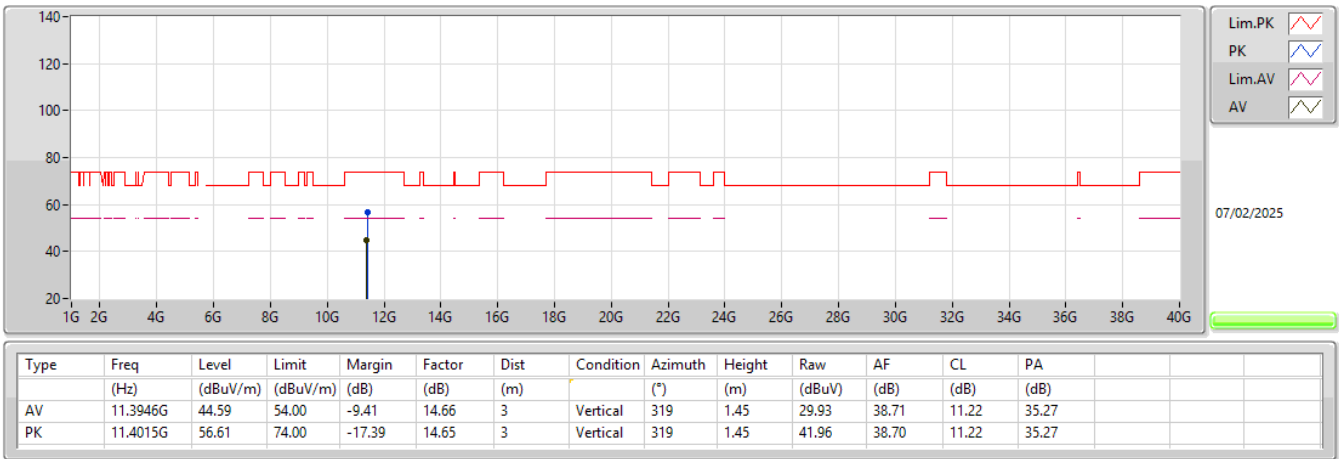
RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_1T1S Appendix E.2

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-
5700MHz	Pass	AV	11.3946G	44.59	54.00	-9.41	3	Vertical	319	1.45
5700MHz	Pass	PK	11.4015G	56.61	74.00	-17.39	3	Vertical	319	1.45
5700MHz	Pass	AV	11.40114G	44.61	54.00	-9.39	3	Horizontal	116	1.79
5700MHz	Pass	PK	11.38578G	57.67	74.00	-16.33	3	Horizontal	116	1.79

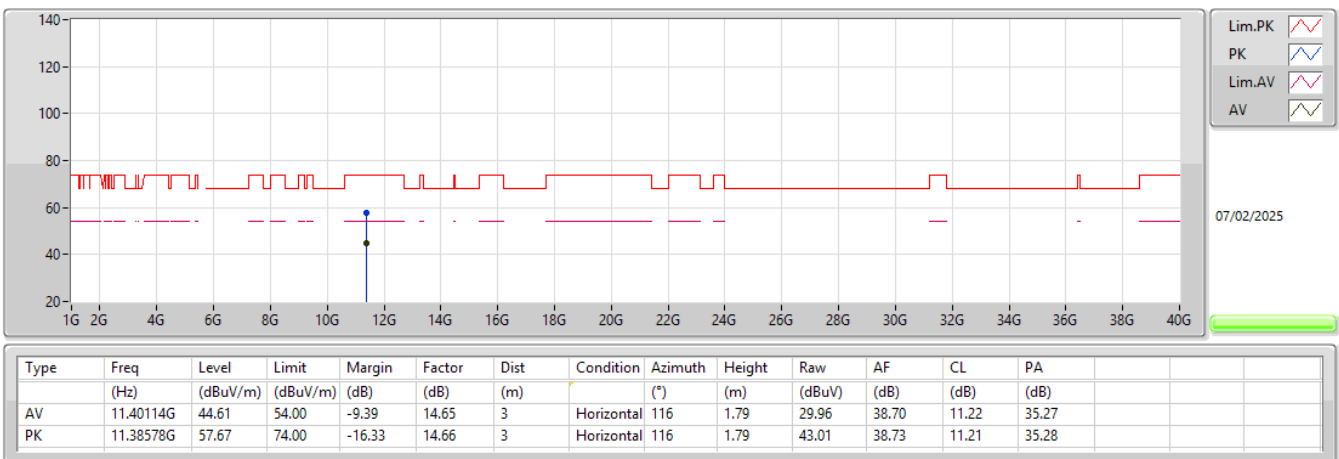
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

5700MHz_TX



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

5700MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_2T1S Appendix E.3

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	PK	31.54M	32.60	40.00	-7.40	3	Horizontal	0	1.00



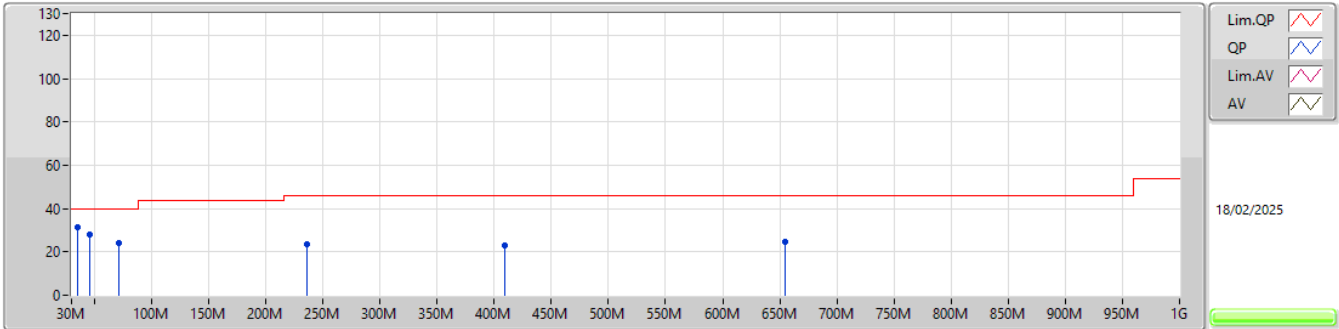
RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_2T1S Appendix E.3

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-
5670MHz	Pass	PK	35.82M	31.62	40.00	-8.38	3	Vertical	360	1.00
5670MHz	Pass	PK	45.63M	28.03	40.00	-11.97	3	Vertical	360	1.00
5670MHz	Pass	PK	71.42M	24.19	40.00	-15.81	3	Vertical	360	1.00
5670MHz	Pass	PK	235.86M	23.77	46.00	-22.23	3	Vertical	360	1.00
5670MHz	Pass	PK	409.31M	22.94	46.00	-23.06	3	Vertical	360	1.00
5670MHz	Pass	PK	654.53M	24.64	46.00	-21.36	3	Vertical	360	1.00
5670MHz	Pass	PK	31.54M	32.60	40.00	-7.40	3	Horizontal	0	1.00
5670MHz	Pass	PK	63.16M	25.43	40.00	-14.57	3	Horizontal	0	1.00
5670MHz	Pass	PK	159.86M	19.87	43.50	-23.63	3	Horizontal	0	1.00
5670MHz	Pass	PK	267.52M	23.05	46.00	-22.95	3	Horizontal	0	1.00
5670MHz	Pass	PK	518.63M	30.51	46.00	-15.49	3	Horizontal	0	1.00
5670MHz	Pass	PK	553.92M	32.01	46.00	-13.99	3	Horizontal	0	1.00

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

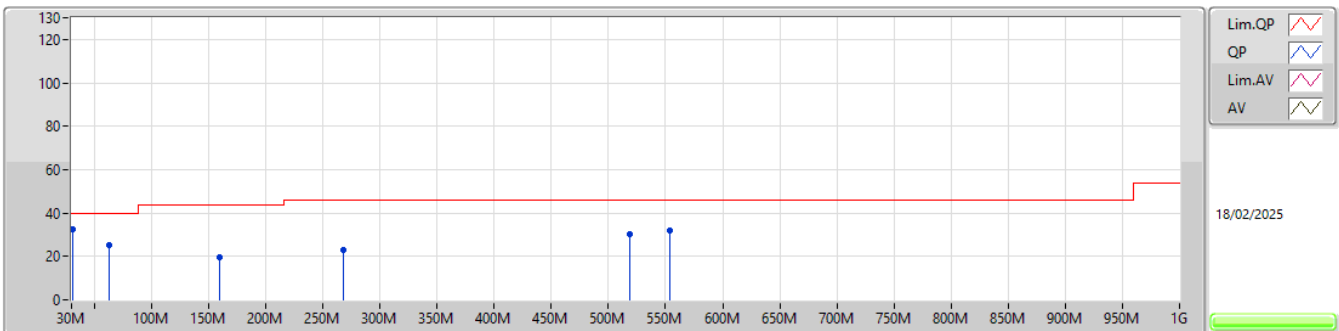
5670MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	31.62	40.00	-8.38	-16.21	3	Vertical	360	1.00	47.83	20.56	0.60	37.37
PK	45.63M	28.03	40.00	-11.97	-21.39	3	Vertical	360	1.00	49.42	15.48	0.66	37.53
PK	71.42M	24.19	40.00	-15.81	-25.13	3	Vertical	360	1.00	49.32	11.34	0.85	37.32
PK	235.86M	23.77	46.00	-22.23	-19.35	3	Vertical	360	1.00	43.12	15.68	1.64	36.67
PK	409.31M	22.94	46.00	-23.06	-13.62	3	Vertical	360	1.00	36.56	21.12	2.28	37.02
PK	654.53M	24.64	46.00	-21.36	-9.33	3	Vertical	360	1.00	33.97	25.27	2.98	37.58

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

5670MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	31.54M	32.60	40.00	-7.40	-14.06	3	Horizontal	0	1.00	46.66	22.76	0.57	37.39
PK	63.16M	25.43	40.00	-14.57	-25.72	3	Horizontal	0	1.00	51.15	10.79	0.79	37.30
PK	159.86M	19.87	43.50	-23.63	-19.86	3	Horizontal	0	1.00	39.73	15.56	1.31	36.73
PK	267.52M	23.05	46.00	-22.95	-16.70	3	Horizontal	0	1.00	39.75	18.23	1.77	36.70
PK	518.63M	30.51	46.00	-15.49	-11.76	3	Horizontal	0	1.00	42.27	22.95	2.60	37.31
PK	553.92M	32.01	46.00	-13.99	-10.12	3	Horizontal	0	1.00	42.13	24.66	2.70	37.48



RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_2T1S Appendix E.4

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)	Pass	AV	11.32506G	44.94	54.00	-9.06	3	Horizontal	193	2.75



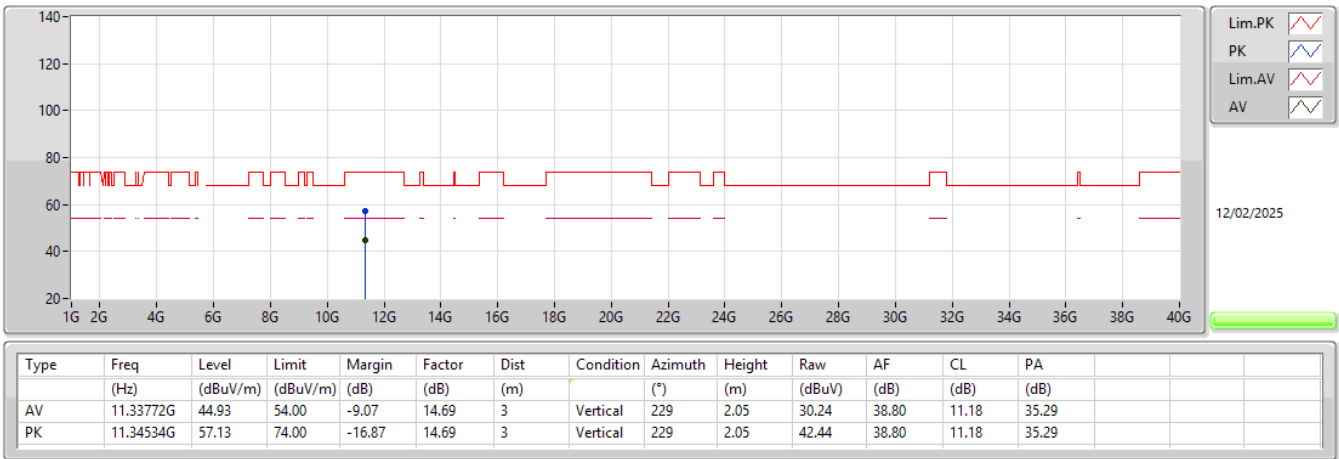
RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_2T1S Appendix E.4

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT40_Nss1_(MCS0)_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-
5670MHz	Pass	AV	11.33772G	44.93	54.00	-9.07	3	Vertical	229	2.05
5670MHz	Pass	PK	11.34534G	57.13	74.00	-16.87	3	Vertical	229	2.05
5670MHz	Pass	AV	11.32506G	44.94	54.00	-9.06	3	Horizontal	193	2.75
5670MHz	Pass	PK	11.343G	57.11	74.00	-16.89	3	Horizontal	193	2.75

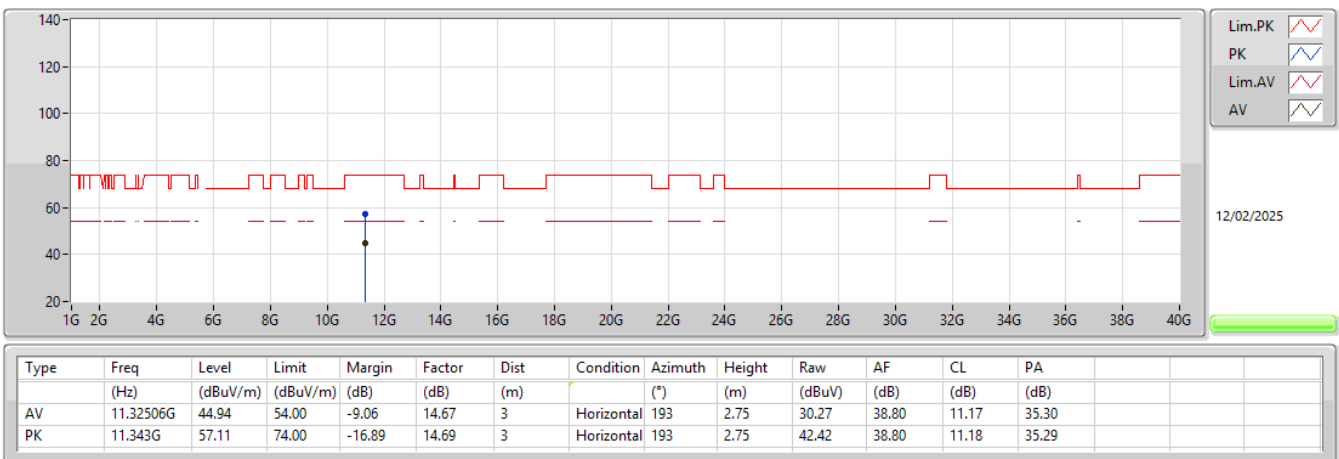
5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

5670MHz_TX



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port2&Port3)

5670MHz_TX





RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_4T1S Appendix E.5

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	PK	35.82M	35.67	40.00	-4.33	3	Vertical	0	1.00



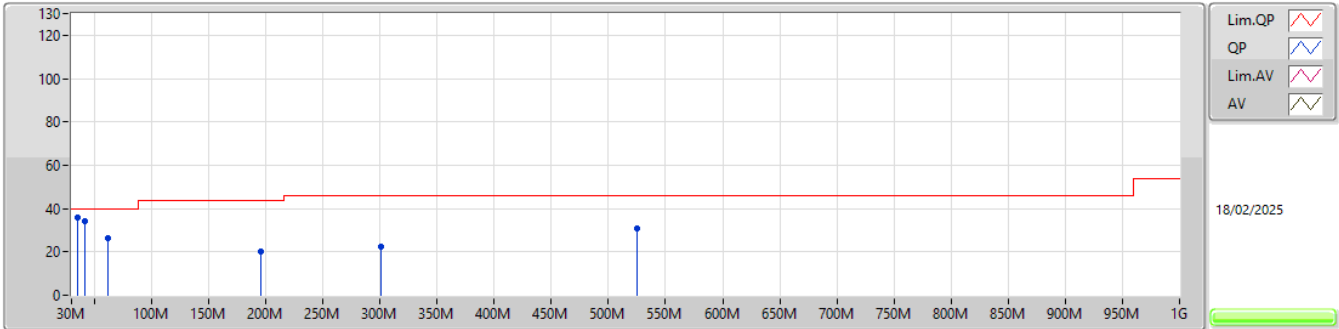
RSE TX below 1GHz_Non-Beamforming_Radio 2_Full RU_4T1S Appendix E.5

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5580MHz	Pass	PK	35.82M	35.67	40.00	-4.33	3	Vertical	0	1.00
5580MHz	Pass	PK	41.62M	34.19	40.00	-5.81	3	Vertical	0	1.00
5580MHz	Pass	PK	61.65M	26.38	40.00	-13.62	3	Vertical	0	1.00
5580MHz	Pass	PK	195.73M	20.13	43.50	-23.37	3	Vertical	0	1.00
5580MHz	Pass	PK	300.63M	22.15	46.00	-23.85	3	Vertical	0	1.00
5580MHz	Pass	PK	525.5M	31.03	46.00	-14.97	3	Vertical	0	1.00
5580MHz	Pass	PK	35.81M	35.06	40.00	-4.94	3	Horizontal	360	1.00
5580MHz	Pass	PK	104.39M	20.12	43.50	-23.38	3	Horizontal	360	1.00
5580MHz	Pass	PK	226.57M	20.55	46.00	-25.45	3	Horizontal	360	1.00
5580MHz	Pass	PK	369.86M	23.16	46.00	-22.84	3	Horizontal	360	1.00
5580MHz	Pass	PK	527.98M	30.66	46.00	-15.34	3	Horizontal	360	1.00
5580MHz	Pass	PK	644.54M	28.15	46.00	-17.85	3	Horizontal	360	1.00

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

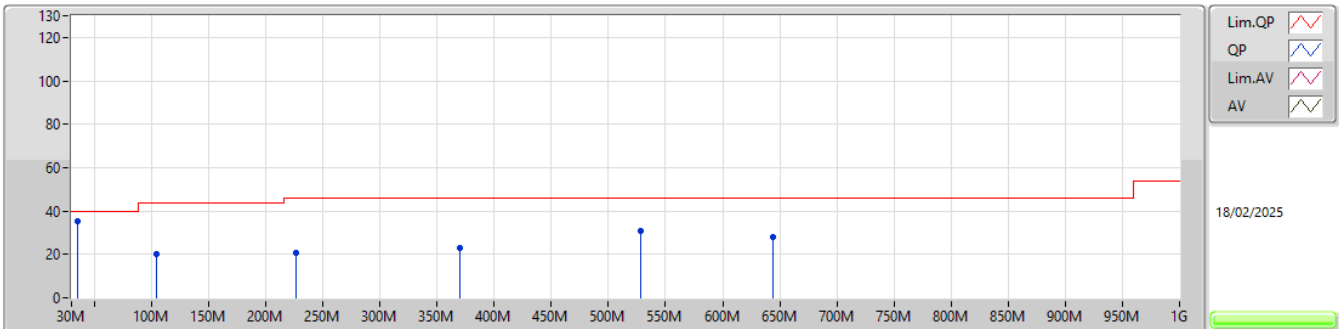
5580MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.82M	35.67	40.00	-4.33	-16.21	3	Vertical	0	1.00	51.88	20.56	0.60	37.37
PK	41.62M	34.19	40.00	-5.81	-19.10	3	Vertical	0	1.00	53.29	17.64	0.64	37.38
PK	61.65M	26.38	40.00	-13.62	-25.79	3	Vertical	0	1.00	52.17	10.76	0.77	37.32
PK	195.73M	20.13	43.50	-23.37	-21.24	3	Vertical	0	1.00	41.37	13.94	1.48	36.66
PK	300.63M	22.15	46.00	-23.85	-16.72	3	Vertical	0	1.00	38.87	18.10	1.91	36.73
PK	525.5M	31.03	46.00	-14.97	-11.62	3	Vertical	0	1.00	42.65	23.11	2.62	37.35

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5580MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	35.81M	35.06	40.00	-4.94	-16.21	3	Horizontal	360	1.00	51.27	20.56	0.60	37.37
PK	104.39M	20.12	43.50	-23.38	-20.59	3	Horizontal	360	1.00	40.71	15.39	1.06	37.04
PK	226.57M	20.55	46.00	-25.45	-20.11	3	Horizontal	360	1.00	40.66	14.94	1.61	36.66
PK	369.86M	23.16	46.00	-22.84	-14.92	3	Horizontal	360	1.00	38.08	19.86	2.16	36.94
PK	527.98M	30.66	46.00	-15.34	-11.63	3	Horizontal	360	1.00	42.29	23.10	2.63	37.36
PK	644.54M	28.15	46.00	-17.85	-9.21	3	Horizontal	360	1.00	37.36	25.39	2.96	37.56



RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_4T1S Appendix E.6

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_4TX	Pass	AV	11.15256G	44.50	54.00	-9.50	3	Vertical	297	2.17



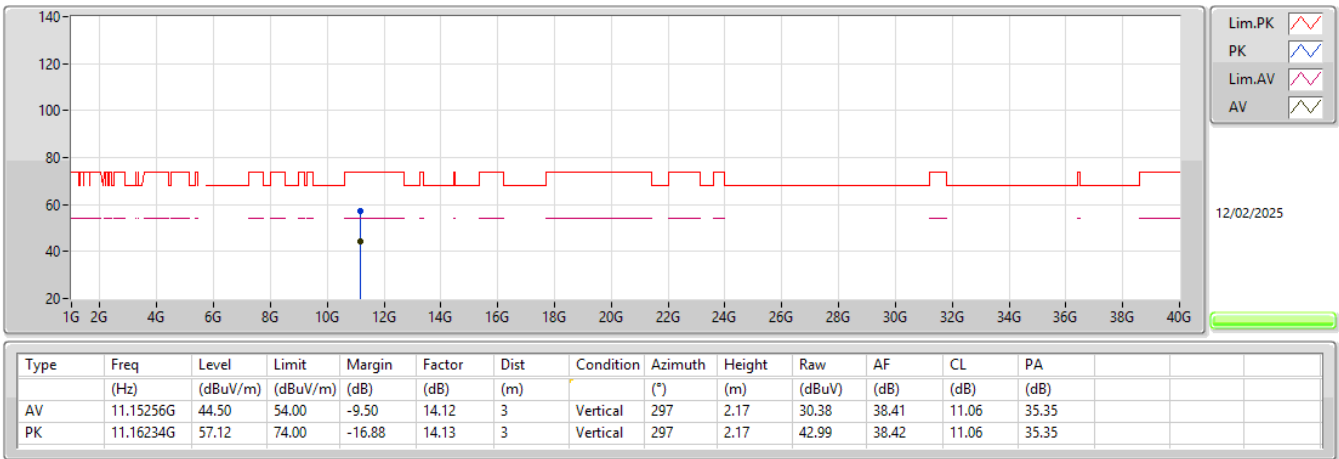
RSE TX above 1GHz_Non-Beamforming_Radio 2_Full RU_4T1S Appendix E.6

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5580MHz	Pass	AV	11.15256G	44.50	54.00	-9.50	3	Vertical	297	2.17
5580MHz	Pass	PK	11.16234G	57.12	74.00	-16.88	3	Vertical	297	2.17
5580MHz	Pass	AV	11.15046G	44.49	54.00	-9.51	3	Horizontal	166	1.88
5580MHz	Pass	PK	11.16384G	56.87	74.00	-17.13	3	Horizontal	166	1.88

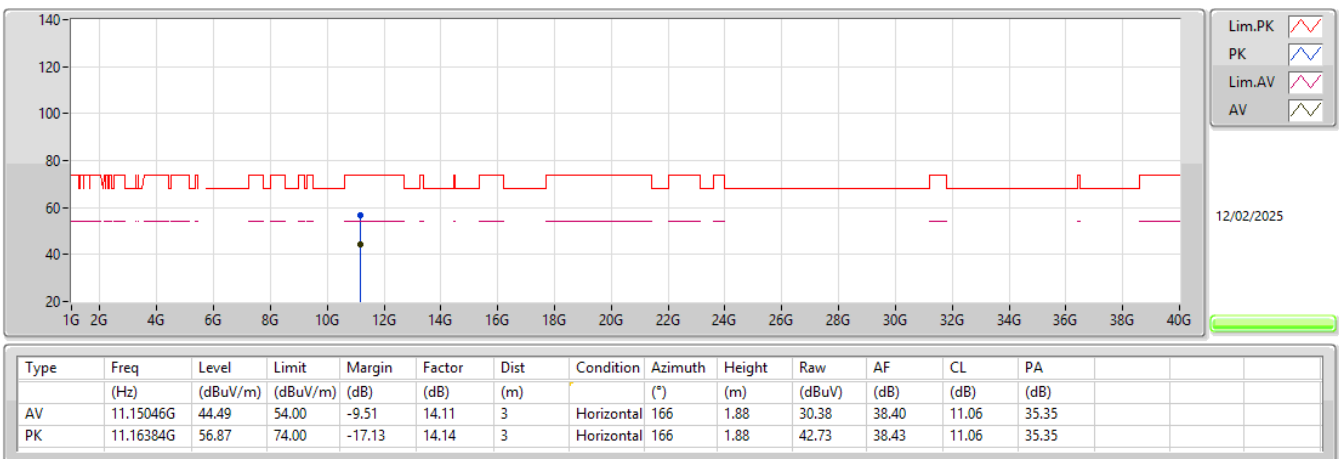
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5580MHz_TX



5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

5580MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_1T1S Appendix E.7

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	Pass	AV	11.34G	45.67	54.00	-8.33	3	Horizontal	148	2.19



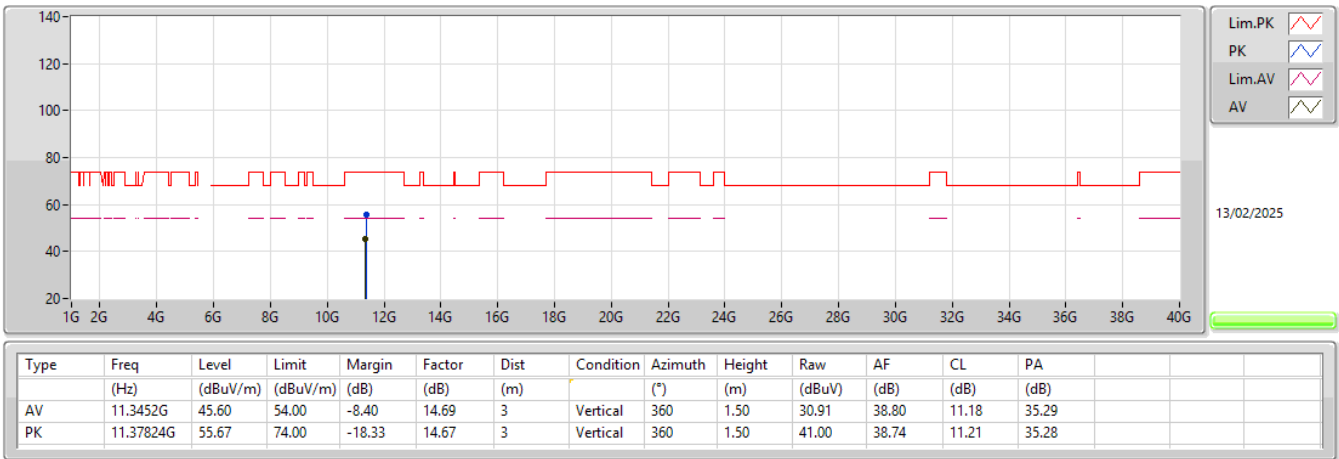
RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_1T1S Appendix E.7

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.3452G	45.60	54.00	-8.40	3	Vertical	360	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.37824G	55.67	74.00	-18.33	3	Vertical	360	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.34G	45.67	54.00	-8.33	3	Horizontal	148	2.19
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3484G	56.96	74.00	-17.04	3	Horizontal	148	2.19

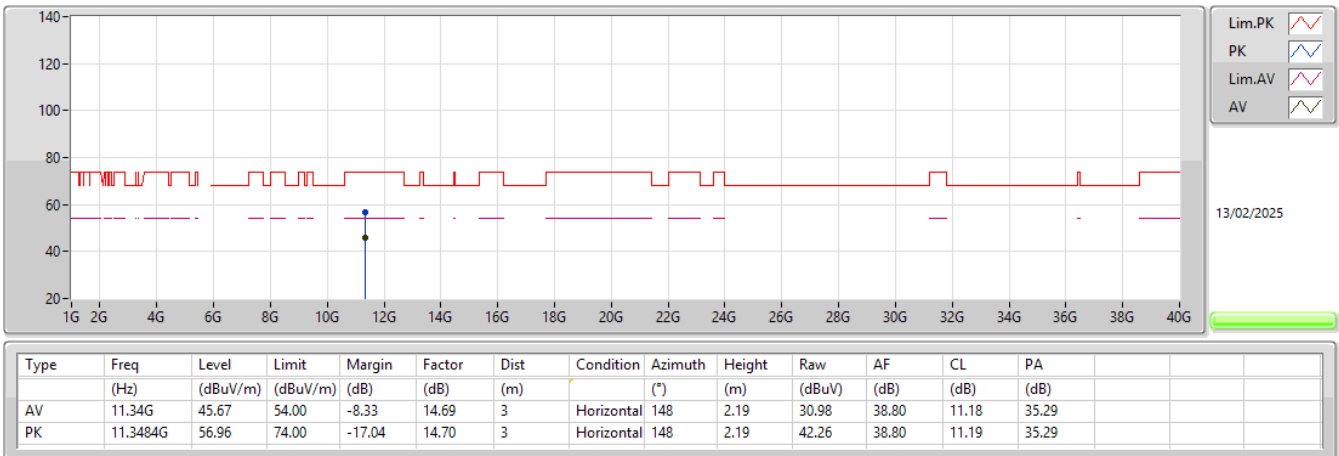
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)

5690MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)

5690MHz Straddle 5.47-5.725GHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_2T1S Appendix E.8

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	Pass	AV	11.2188G	44.92	54.00	-9.08	3	Vertical	27	2.69



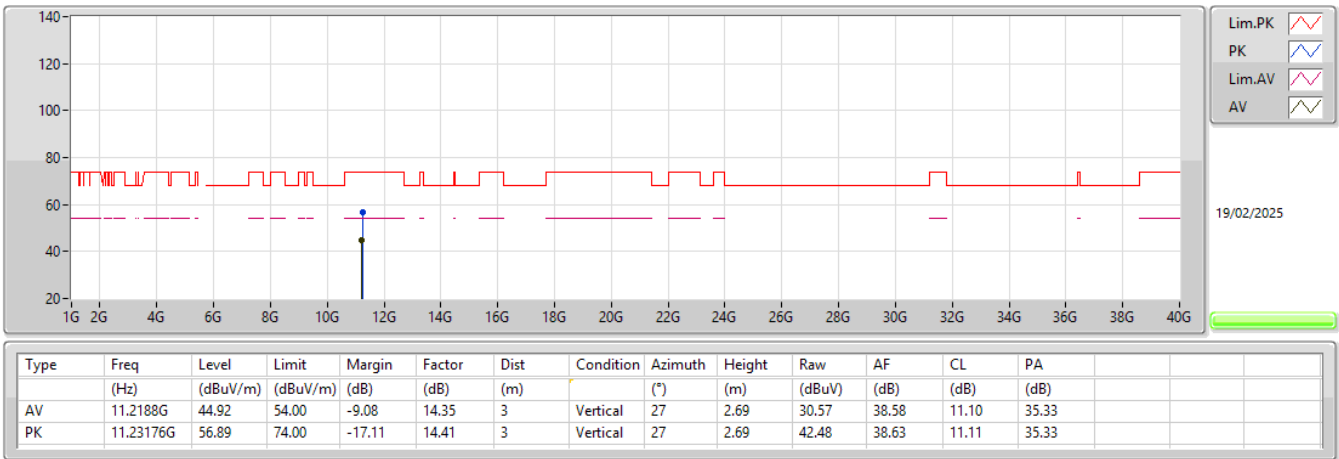
RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_2T1S Appendix E.8

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	AV	11.2188G	44.92	54.00	-9.08	3	Vertical	27	2.69
5610MHz	Pass	PK	11.23176G	56.89	74.00	-17.11	3	Vertical	27	2.69
5610MHz	Pass	AV	11.23182G	44.90	54.00	-9.10	3	Horizontal	318	2.27
5610MHz	Pass	PK	11.21958G	56.46	74.00	-17.54	3	Horizontal	318	2.27

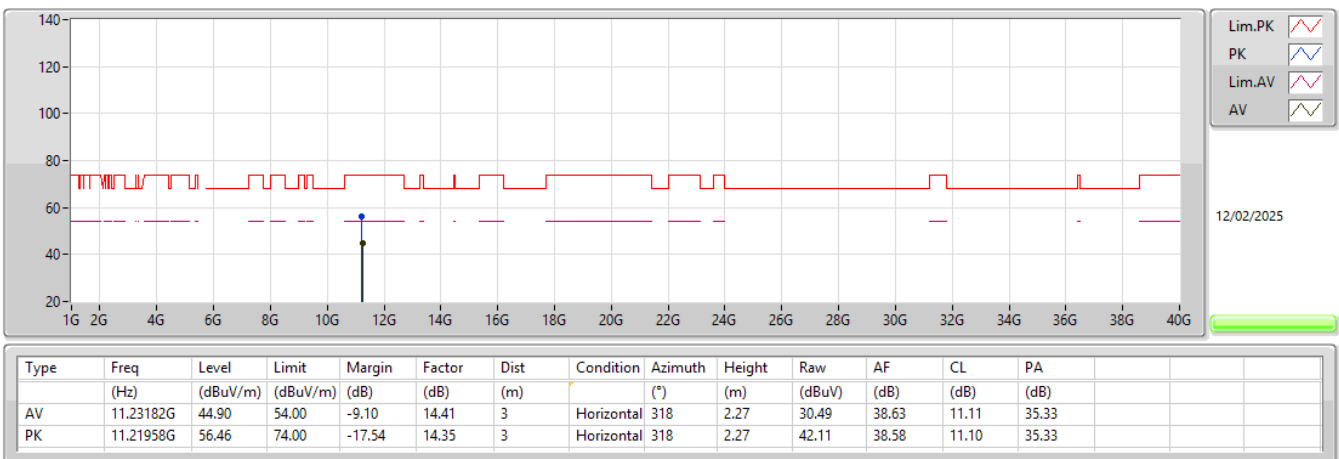
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)

5610MHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port2&Port3)

5610MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_4T1S Appendix E.9

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	Pass	AV	11.34392G	45.79	54.00	-8.21	3	Horizontal	350	1.50



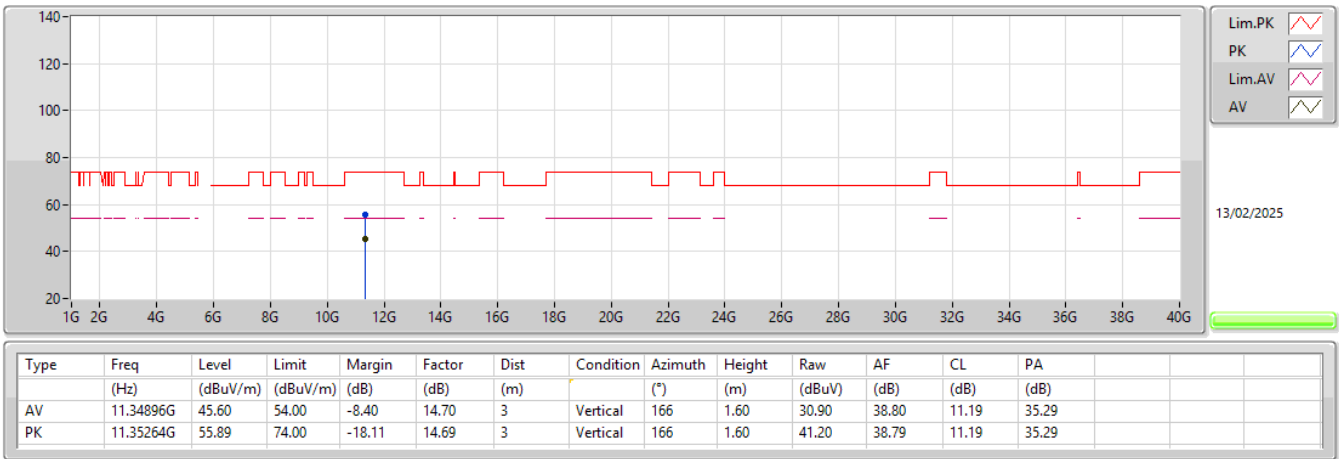
RSE TX above 1GHz_Non-Beamforming_Radio 2_Multi-RU_4T1S Appendix E.9

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.34896G	45.60	54.00	-8.40	3	Vertical	166	1.60
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.35264G	55.89	74.00	-18.11	3	Vertical	166	1.60
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.34392G	45.79	54.00	-8.21	3	Horizontal	350	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.38384G	57.06	74.00	-16.94	3	Horizontal	350	1.50

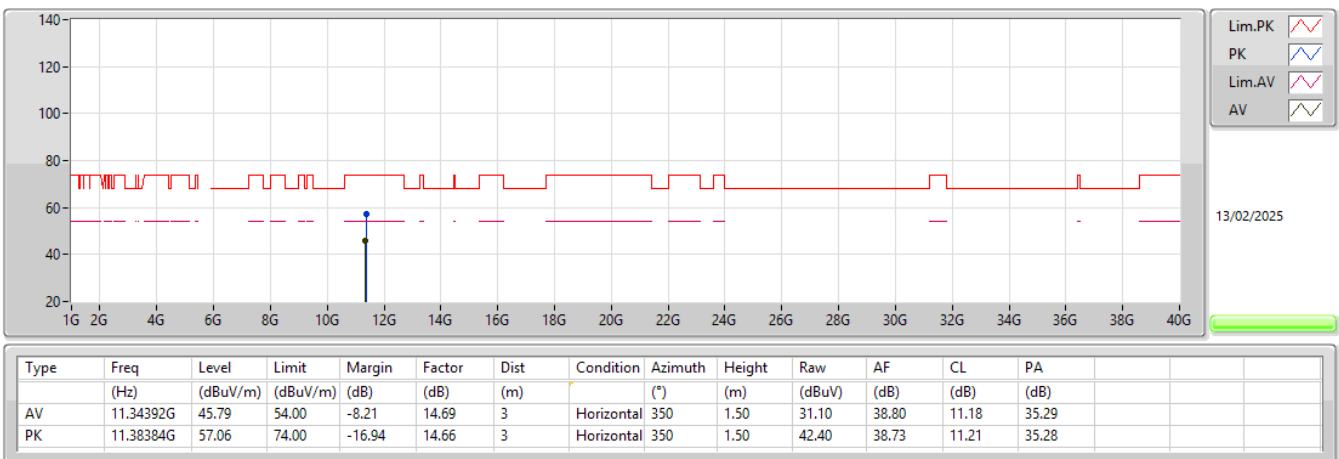
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX

5690MHz Straddle 5.47-5.725GHz_TX



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

5690MHz Straddle 5.47-5.725GHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2 _Channel Puncturing_1T1S

Appendix E.10

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port3)	Pass	AV	11.34048G	45.80	54.00	-8.20	3	Horizontal	336	1.21



RSE TX above 1GHz_Non-Beamforming_Radio 2 _Channel Puncturing_1T1S

Appendix E.10

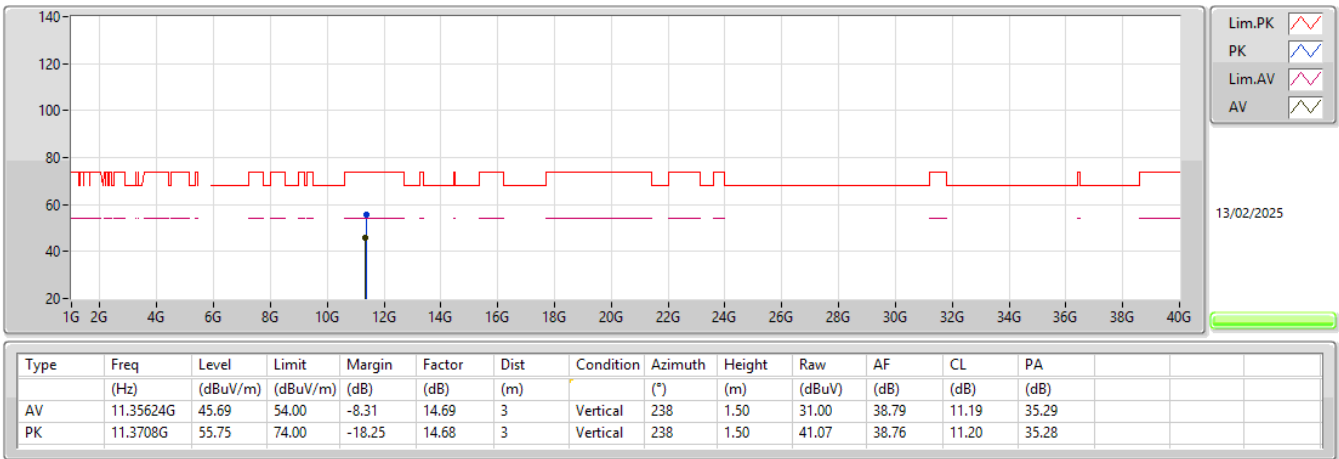
Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port3)	-	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.35624G	45.69	54.00	-8.31	3	Vertical	238	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.3708G	55.75	74.00	-18.25	3	Vertical	238	1.50
5690MHz Straddle 5.47-5.725GHz	Pass	AV	11.34048G	45.80	54.00	-8.20	3	Horizontal	336	1.21
5690MHz Straddle 5.47-5.725GHz	Pass	PK	11.34176G	57.28	74.00	-16.72	3	Horizontal	336	1.21



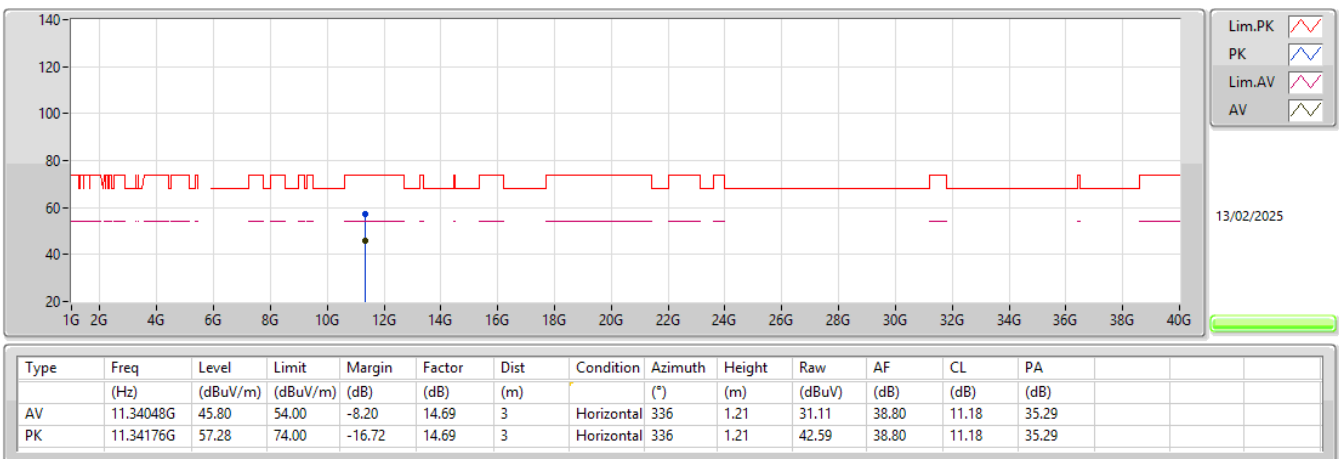
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port3)

5690MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_1TX(Port3)

5690MHz Straddle 5.47-5.725GHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2 _Channel Puncturing_2T1S

Appendix E.11

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&3)	Pass	AV	11.22909G	44.91	54.00	-9.09	3	Horizontal	167	1.40



RSE TX above 1GHz_Non-Beamforming_Radio 2
_Channel Puncturing_2T1S

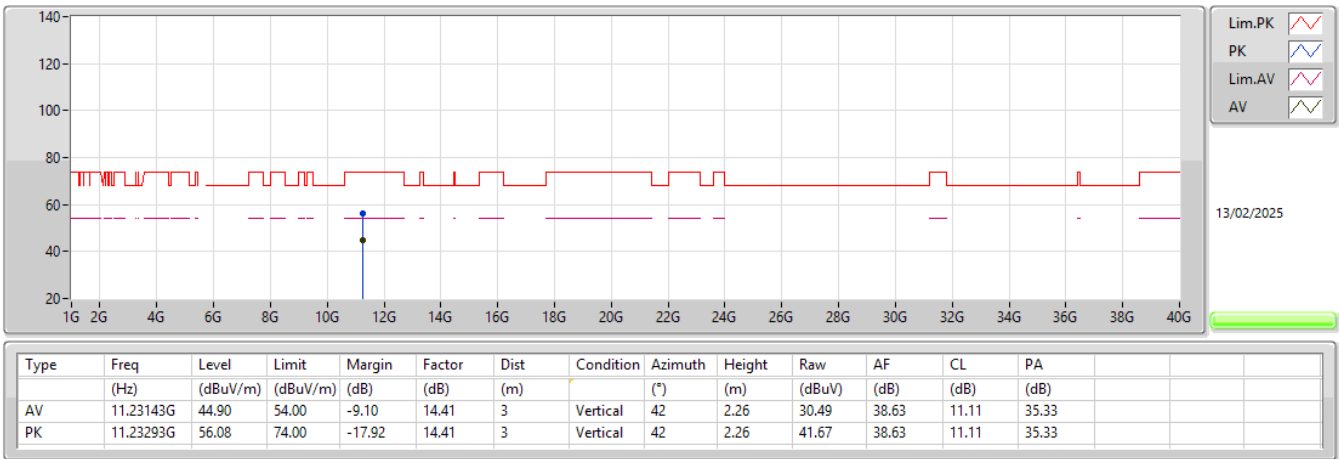
Appendix E.11

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&3)	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	AV	11.23143G	44.90	54.00	-9.10	3	Vertical	42	2.26
5610MHz	Pass	PK	11.23293G	56.08	74.00	-17.92	3	Vertical	42	2.26
5610MHz	Pass	AV	11.22909G	44.91	54.00	-9.09	3	Horizontal	167	1.40
5610MHz	Pass	PK	11.22585G	57.24	74.00	-16.76	3	Horizontal	167	1.40

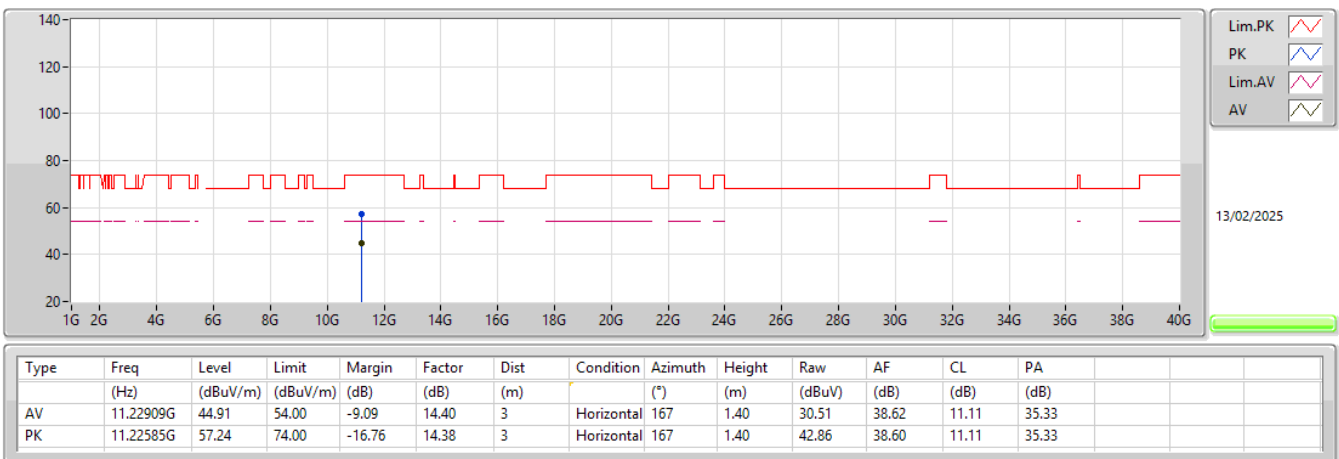
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&3)

5610MHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port2&3)

5610MHz_TX





RSE TX above 1GHz_Non-Beamforming_Radio 2 _Channel Puncturing_4T1S

Appendix E.12

Summary

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	Pass	AV	11.22496G	45.72	54.00	-8.28	3	Horizontal	94	1.50



RSE TX above 1GHz_Non-Beamforming_Radio 2 _Channel Puncturing_4T1S

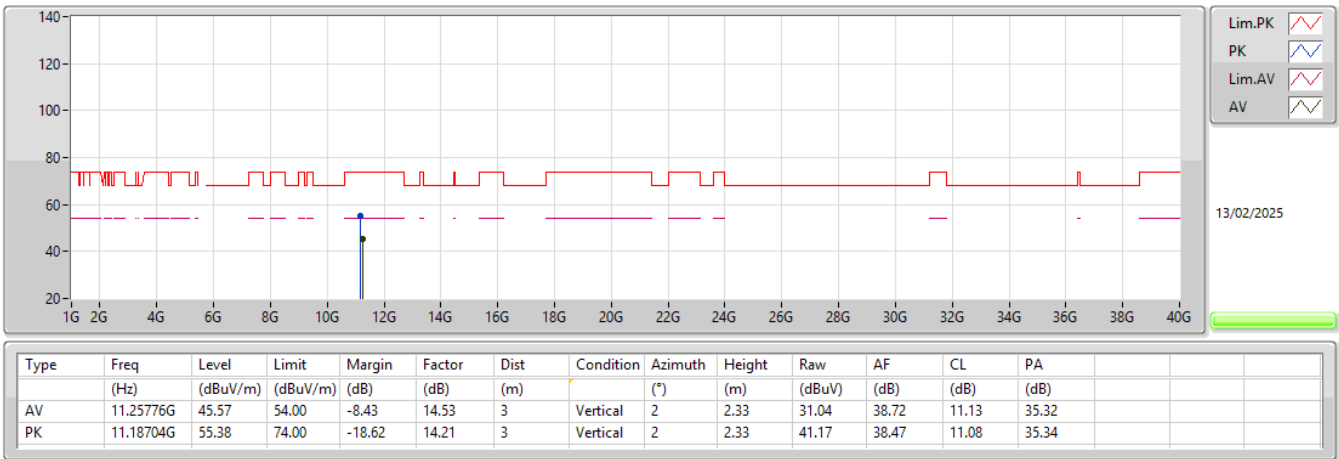
Appendix E.12

Result

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX	-	-	-	-	-	-	-	-	-	-
5610MHz	Pass	AV	11.25776G	45.57	54.00	-8.43	3	Vertical	2	2.33
5610MHz	Pass	PK	11.18704G	55.38	74.00	-18.62	3	Vertical	2	2.33
5610MHz	Pass	AV	11.22496G	45.72	54.00	-8.28	3	Horizontal	94	1.50
5610MHz	Pass	PK	11.242G	57.91	74.00	-16.09	3	Horizontal	94	1.50

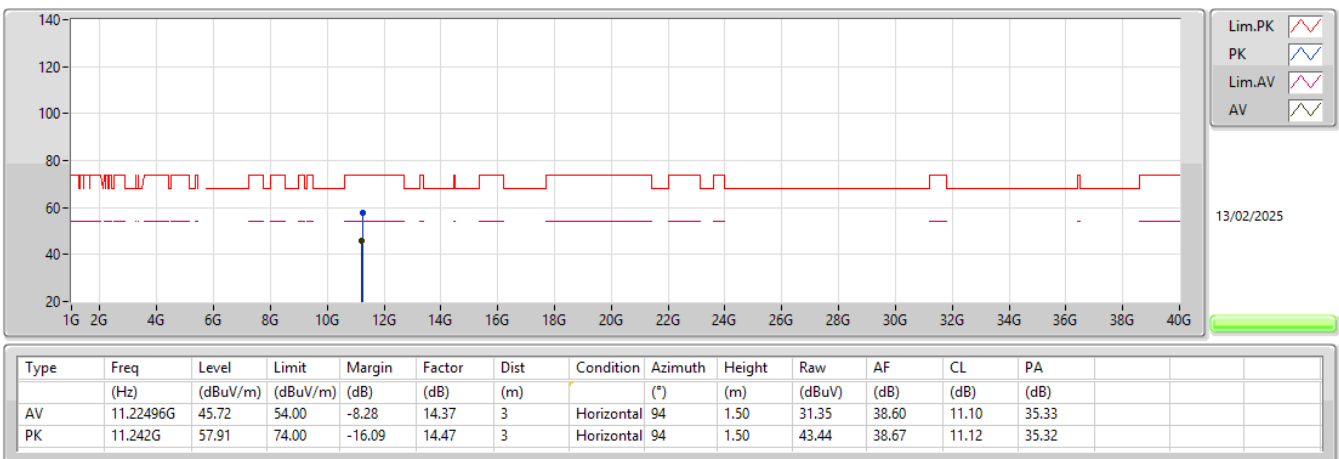
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 4_4TX

5610MHz_TX



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

5610MHz_TX





Summary

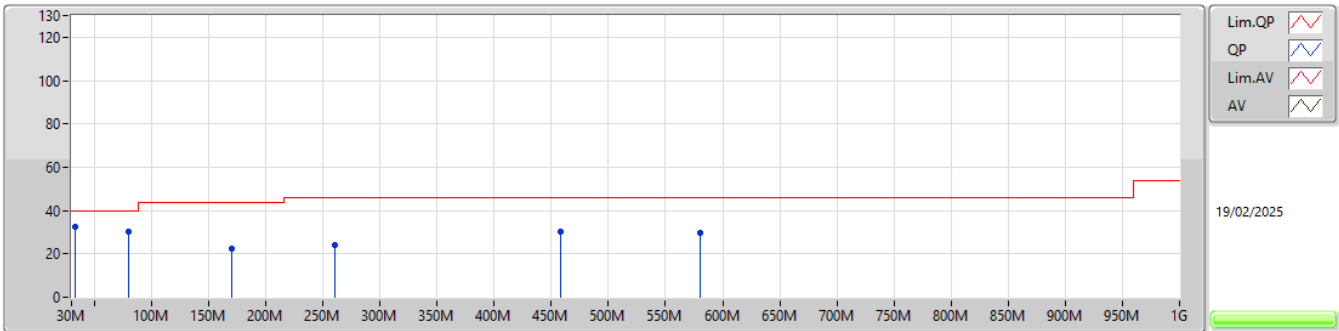
Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	PK	33.12M	32.68	40.00	-7.32	3	Vertical	360	1.00

**Result**

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5580MHz	Pass	PK	33.12M	32.68	40.00	-7.32	3	Vertical	360	1.00
5580MHz	Pass	PK	79.43M	30.06	40.00	-9.94	3	Vertical	360	1.00
5580MHz	Pass	PK	170.5M	22.59	43.50	-20.91	3	Vertical	360	1.00
5580MHz	Pass	PK	260.32M	24.10	46.00	-21.90	3	Vertical	360	1.00
5580MHz	Pass	PK	457.98M	30.30	46.00	-15.70	3	Vertical	360	1.00
5580MHz	Pass	PK	580M	29.66	46.00	-16.34	3	Vertical	360	1.00
5580MHz	Pass	PK	37.28M	28.50	40.00	-11.50	3	Horizontal	0	1.00
5580MHz	Pass	PK	157.09M	20.33	43.50	-23.17	3	Horizontal	0	1.00
5580MHz	Pass	PK	205.15M	24.62	43.50	-18.88	3	Horizontal	0	1.00
5580MHz	Pass	PK	331.69M	21.59	46.00	-24.41	3	Horizontal	0	1.00
5580MHz	Pass	PK	413.51M	26.11	46.00	-19.89	3	Horizontal	0	1.00
5580MHz	Pass	PK	565.13M	29.56	46.00	-16.44	3	Horizontal	0	1.00

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

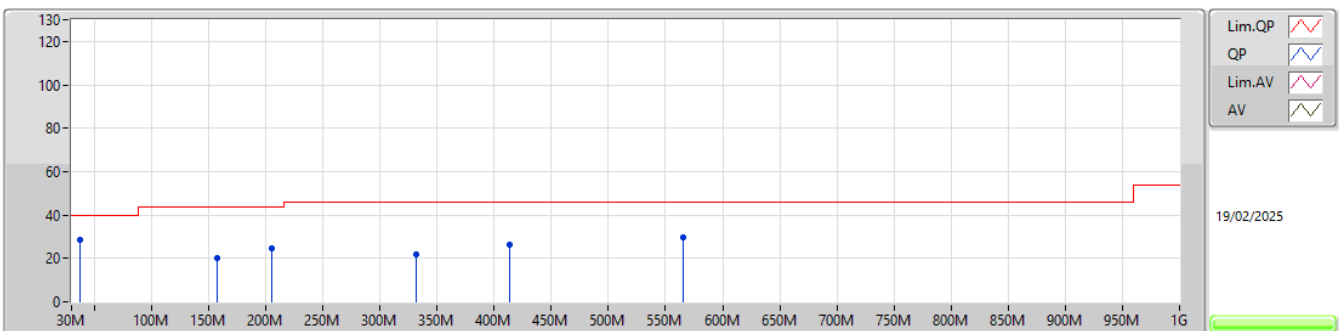
5580MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	33.12M	32.68	40.00	-7.32	-14.85	3	Vertical	360	1.00	47.53	21.95	0.58	37.38
PK	79.43M	30.06	40.00	-9.94	-24.06	3	Vertical	360	1.00	54.12	12.30	0.91	37.27
PK	170.5M	22.59	43.50	-20.91	-20.70	3	Vertical	360	1.00	43.29	14.68	1.36	36.74
PK	260.32M	24.10	46.00	-21.90	-15.87	3	Vertical	360	1.00	39.97	19.09	1.74	36.70
PK	457.98M	30.30	46.00	-15.70	-12.49	3	Vertical	360	1.00	42.79	22.20	2.42	37.11
PK	580M	29.66	46.00	-16.34	-10.17	3	Vertical	360	1.00	39.83	24.55	2.78	37.50

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

5580MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	37.28M	28.50	40.00	-11.50	-16.91	3	Horizontal	0	1.00	45.41	19.83	0.61	37.35
PK	157.09M	20.33	43.50	-23.17	-19.79	3	Horizontal	0	1.00	40.12	15.65	1.30	36.74
PK	205.15M	24.62	43.50	-18.88	-21.11	3	Horizontal	0	1.00	45.73	14.01	1.52	36.64
PK	331.69M	21.59	46.00	-24.41	-15.96	3	Horizontal	0	1.00	37.55	18.86	2.02	36.84
PK	413.51M	26.11	46.00	-19.89	-13.46	3	Horizontal	0	1.00	39.57	21.26	2.30	37.02
PK	565.13M	29.56	46.00	-16.44	-9.80	3	Horizontal	0	1.00	39.36	24.95	2.74	37.49



Summary

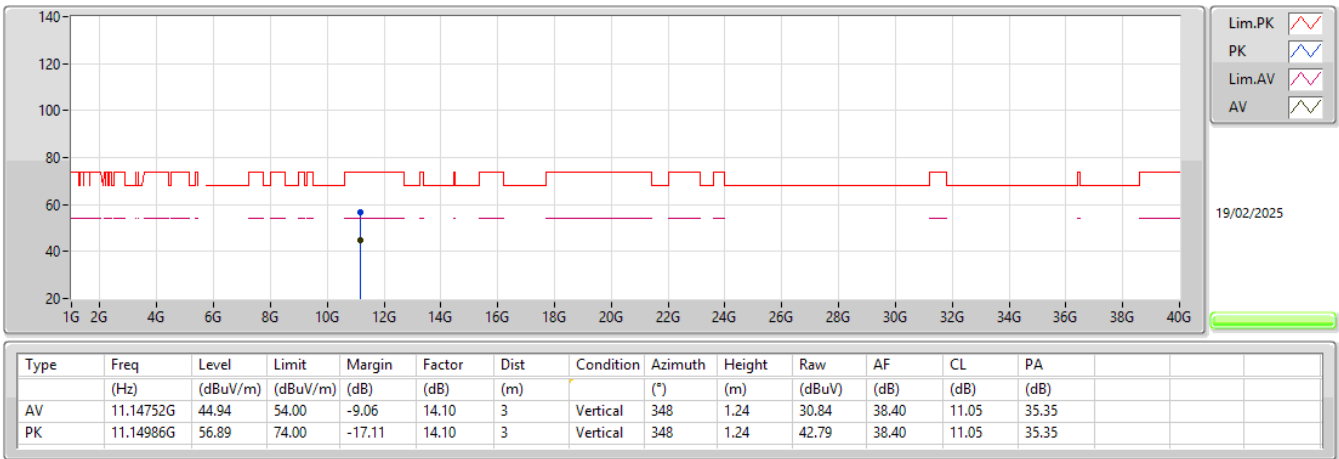
Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	11.14752G	44.94	54.00	-9.06	3	Vertical	348	1.24

**Result**

Mode	Result	Type	Freq	Level	Limit	Margin	Dist	Condition	Azimuth	Height
			(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(m)		(°)	(m)
802.11a_Nss1.(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5580MHz	Pass	AV	11.14752G	44.94	54.00	-9.06	3	Vertical	348	1.24
5580MHz	Pass	PK	11.14986G	56.89	74.00	-17.11	3	Vertical	348	1.24
5580MHz	Pass	AV	11.14746G	44.87	54.00	-9.13	3	Horizontal	291	1.64
5580MHz	Pass	PK	11.17032G	58.02	74.00	-15.98	3	Horizontal	291	1.64

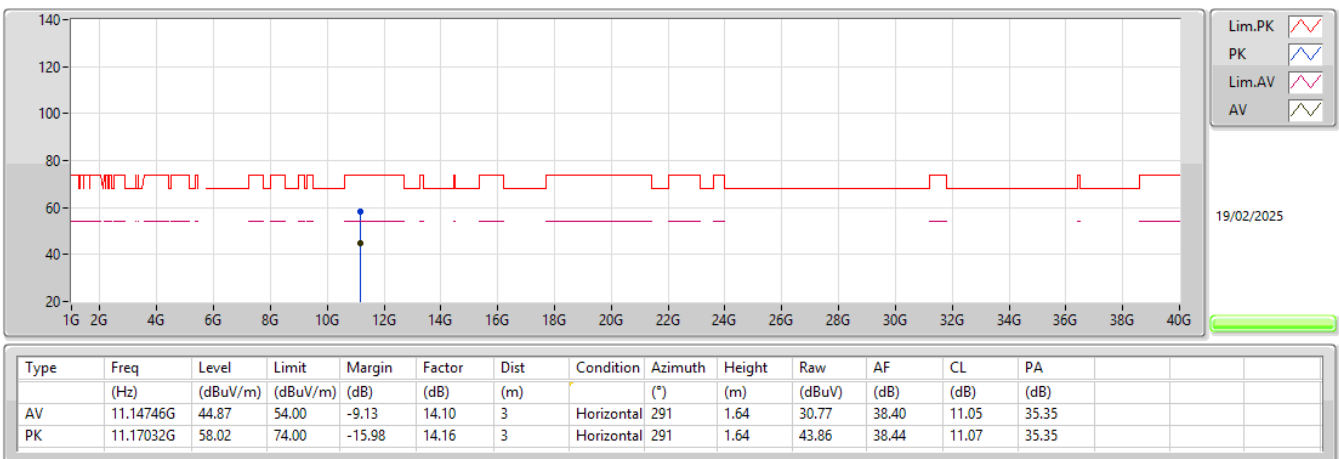
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX

5580MHz_TX



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

5580MHz_TX



**Summary**

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	Pass	5.43G	5.765G	AV	5.43302G	5.26	-51.60	-51.60	-46.34	-41.20	-5.14
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	Pass	5.43G	5.765G	PK	5.72597G	5.26	-33.75	-33.75	-28.49	-27.00	-1.49
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	Pass	5.39G	5.805G	AV	5.412G	5.26	-53.51	-53.51	-48.25	-41.20	-7.05
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	Pass	5.31G	5.885G	AV	5.45921G	5.26	-52.03	-52.03	-46.77	-41.20	-5.57
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	Pass	5.15G	6.045G	PK	5.72728G	5.26	-33.40	-33.40	-28.14	-27.00	-1.14

DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX



Result

Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	5.43G	5.765G	AV	5.45948G	5.26	-56.63	-56.63	-51.37	-41.20	-10.17
5500MHz	Pass	5.43G	5.765G	PK	5.45345G	5.26	-44.89	-44.89	-39.63	-21.20	-18.43
5500MHz	Pass	5.43G	5.765G	PK	5.4635G	5.26	-45.25	-45.25	-39.99	-27.00	-12.99
5500MHz	Pass	5.43G	5.765G	PK	5.72731G	5.26	-45.22	-45.22	-39.96	-27.00	-12.96
5580MHz	Pass	5.43G	5.765G	AV	5.43302G	5.26	-51.60	-51.60	-46.34	-41.20	-5.14
5580MHz	Pass	5.43G	5.765G	PK	5.43268G	5.26	-41.83	-41.83	-36.57	-21.20	-15.37
5580MHz	Pass	5.43G	5.765G	PK	5.46367G	5.26	-46.46	-46.46	-41.20	-27.00	-14.20
5580MHz	Pass	5.43G	5.765G	PK	5.73937G	5.26	-38.50	-38.50	-33.24	-27.00	-6.24
5700MHz	Pass	5.43G	5.765G	AV	5.43318G	5.26	-58.35	-58.35	-53.09	-41.20	-11.89
5700MHz	Pass	5.43G	5.765G	PK	5.45848G	5.26	-46.65	-46.65	-41.39	-21.20	-20.19
5700MHz	Pass	5.43G	5.765G	PK	5.46367G	5.26	-46.71	-46.71	-41.45	-27.00	-14.45
5700MHz	Pass	5.43G	5.765G	PK	5.72547G	5.26	-39.11	-39.11	-33.85	-27.00	-6.85
5720MHz Straddle 5.47-5.725GHz	Pass	5.43G	5.89G	AV	5.43851G	5.26	-57.95	-57.95	-52.69	-41.20	-11.49
5720MHz Straddle 5.47-5.725GHz	Pass	5.43G	5.89G	PK	5.43253G	5.26	-47.26	-47.26	-42.00	-21.20	-20.80
5720MHz Straddle 5.47-5.725GHz	Pass	5.43G	5.89G	PK	5.4645G	5.26	-46.94	-46.94	-41.68	-27.00	-14.68
5720MHz Straddle 5.47-5.725GHz	Pass	5.43G	5.89G	PK	5.86884G	5.26	-40.21	-40.21	-34.95	-27.00	-7.95
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	5.43G	5.765G	AV	5.4496G	5.26	-56.45	-56.45	-51.19	-41.20	-9.99
5500MHz	Pass	5.43G	5.765G	AV	5.45965G	5.26	-56.45	-56.45	-51.19	-41.20	-9.99
5500MHz	Pass	5.43G	5.765G	PK	5.44926G	5.26	-44.93	-44.93	-39.67	-21.20	-18.47
5500MHz	Pass	5.43G	5.765G	PK	5.4625G	5.26	-44.20	-44.20	-38.94	-27.00	-11.94
5500MHz	Pass	5.43G	5.765G	PK	5.75847G	5.26	-45.38	-45.38	-40.12	-27.00	-13.12
5580MHz	Pass	5.43G	5.765G	AV	5.43402G	5.26	-51.95	-51.95	-46.69	-41.20	-5.49
5580MHz	Pass	5.43G	5.765G	PK	5.43318G	5.26	-41.78	-41.78	-36.52	-21.20	-15.32
5580MHz	Pass	5.43G	5.765G	PK	5.46635G	5.26	-46.55	-46.55	-41.29	-27.00	-14.29
5580MHz	Pass	5.43G	5.765G	PK	5.73887G	5.26	-38.19	-38.19	-32.93	-27.00	-5.93
5700MHz	Pass	5.43G	5.765G	AV	5.45764G	5.26	-58.17	-58.17	-52.91	-41.20	-11.71
5700MHz	Pass	5.43G	5.765G	PK	5.44156G	5.26	-46.63	-46.63	-41.37	-21.20	-20.17
5700MHz	Pass	5.43G	5.765G	PK	5.46116G	5.26	-46.58	-46.58	-41.32	-27.00	-14.32
5700MHz	Pass	5.43G	5.765G	PK	5.72597G	5.26	-33.75	-33.75	-28.49	-27.00	-1.49
5720MHz Straddle 5.47-5.725GHz	Pass	5.43G	5.89G	AV	5.45688G	5.26	-57.82	-57.82	-52.56	-41.20	-11.36
5720MHz Straddle 5.47-5.725GHz	Pass	5.43G	5.89G	PK	5.44518G	5.26	-46.07	-46.07	-40.81	-21.20	-19.61
5720MHz Straddle 5.47-5.725GHz	Pass	5.43G	5.89G	PK	5.46289G	5.26	-47.35	-47.35	-42.09	-27.00	-15.09
5720MHz Straddle 5.47-5.725GHz	Pass	5.43G	5.89G	PK	5.86884G	5.26	-39.47	-39.47	-34.21	-27.00	-7.21
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	5.39G	5.805G	AV	5.45993G	5.26	-55.61	-55.61	-50.35	-41.20	-9.15
5510MHz	Pass	5.39G	5.805G	PK	5.45889G	5.26	-44.06	-44.06	-38.80	-21.20	-17.60
5510MHz	Pass	5.39G	5.805G	PK	5.46823G	5.26	-40.60	-40.60	-35.34	-27.00	-8.34
5510MHz	Pass	5.39G	5.805G	PK	5.80023G	5.26	-43.21	-43.21	-37.95	-27.00	-10.95
5550MHz	Pass	5.39G	5.805G	AV	5.412G	5.26	-53.51	-53.51	-48.25	-41.20	-7.05
5550MHz	Pass	5.39G	5.805G	PK	5.39602G	5.26	-42.25	-42.25	-36.99	-21.20	-15.79
5550MHz	Pass	5.39G	5.805G	PK	5.46595G	5.26	-45.38	-45.38	-40.12	-27.00	-13.12
5550MHz	Pass	5.39G	5.805G	PK	5.72968G	5.26	-44.65	-44.65	-39.39	-27.00	-12.39
5670MHz	Pass	5.39G	5.805G	AV	5.41241G	5.26	-57.83	-57.83	-52.57	-41.20	-11.37
5670MHz	Pass	5.39G	5.805G	PK	5.42009G	5.26	-45.88	-45.88	-40.62	-21.20	-19.42
5670MHz	Pass	5.39G	5.805G	PK	5.46242G	5.26	-46.70	-46.70	-41.44	-27.00	-14.44
5670MHz	Pass	5.39G	5.805G	PK	5.72636G	5.26	-41.16	-41.16	-35.90	-27.00	-8.90
5710MHz Straddle 5.47-5.725GHz	Pass	5.39G	5.93G	AV	5.41916G	5.26	-57.59	-57.59	-52.33	-41.20	-11.13
5710MHz Straddle 5.47-5.725GHz	Pass	5.39G	5.93G	PK	5.45237G	5.26	-46.56	-46.56	-41.30	-21.20	-20.10
5710MHz Straddle 5.47-5.725GHz	Pass	5.39G	5.93G	PK	5.46776G	5.26	-46.41	-46.41	-41.15	-27.00	-14.15
5710MHz Straddle 5.47-5.725GHz	Pass	5.39G	5.93G	PK	5.85278G	5.26	-41.16	-41.16	-35.90	-27.00	-8.90
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	5.31G	5.885G	AV	5.45921G	5.26	-52.03	-52.03	-46.77	-41.20	-5.57
5530MHz	Pass	5.31G	5.885G	PK	5.34191G	5.26	-41.85	-41.85	-36.59	-27.00	-9.59
5530MHz	Pass	5.31G	5.885G	PK	5.448G	5.26	-41.76	-41.76	-36.50	-21.20	-15.30
5530MHz	Pass	5.31G	5.885G	PK	5.46611G	5.26	-40.13	-40.13	-34.87	-27.00	-7.87
5530MHz	Pass	5.31G	5.885G	PK	5.82146G	5.26	-42.93	-42.93	-37.67	-27.00	-10.67
5610MHz	Pass	5.31G	5.885G	AV	5.44858G	5.26	-54.40	-54.40	-49.14	-41.20	-7.94
5610MHz	Pass	5.31G	5.885G	PK	5.31719G	5.26	-45.35	-45.35	-40.09	-27.00	-13.09
5610MHz	Pass	5.31G	5.885G	PK	5.43966G	5.26	-43.21	-43.21	-37.95	-21.20	-16.75
5610MHz	Pass	5.31G	5.885G	PK	5.46439G	5.26	-42.67	-42.67	-37.41	-27.00	-10.41
5610MHz	Pass	5.31G	5.885G	PK	5.72659G	5.26	-41.41	-41.41	-36.15	-27.00	-9.15
5690MHz Straddle 5.47-5.725GHz	Pass	5.31G	6.01G	AV	5.37825G	5.26	-56.91	-56.91	-51.65	-41.20	-10.45
5690MHz Straddle 5.47-5.725GHz	Pass	5.31G	6.01G	PK	5.345G	5.26	-45.52	-45.52	-40.26	-27.00	-13.26
5690MHz Straddle 5.47-5.725GHz	Pass	5.31G	6.01G	PK	5.3744G	5.26	-45.42	-45.42	-40.16	-21.20	-18.96
5690MHz Straddle 5.47-5.725GHz	Pass	5.31G	6.01G	PK	5.4696G	5.26	-46.45	-46.45	-41.19	-27.00	-14.19
5690MHz Straddle 5.47-5.725GHz	Pass	5.31G	6.01G	PK	5.87G	5.26	-42.50	-42.50	-37.24	-27.00	-10.24
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-	-	-	-	-	-	-



Mode	Result	F-Start (Hz)	F-Stop (Hz)	Type	Freq (Hz)	DG (dBi)	P3 (dBm)	Psum (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)
5570MHz	Pass	5.15G	6.045G	AV	5.15G	5.26	-57.82	-57.82	-52.56	-41.20	-11.36
5570MHz	Pass	5.15G	6.045G	AV	5.427G	5.26	-49.15	-49.15	-43.89	-41.20	-2.69
5570MHz	Pass	5.15G	6.045G	PK	5.34824G	5.26	-38.71	-38.71	-33.45	-27.00	-6.45
5570MHz	Pass	5.15G	6.045G	PK	5.35093G	5.26	-37.08	-37.08	-31.82	-21.20	-10.62
5570MHz	Pass	5.15G	6.045G	PK	5.46012G	5.26	-38.43	-38.43	-33.17	-27.00	-6.17
5570MHz	Pass	5.15G	6.045G	PK	5.72728G	5.26	-33.40	-33.40	-28.14	-27.00	-1.14

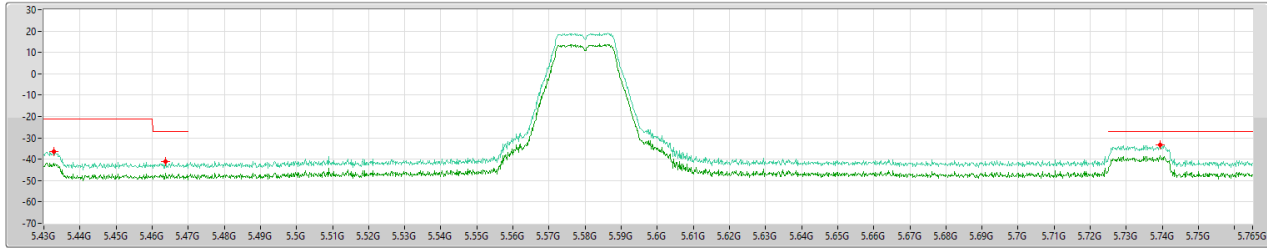
DG = Directional Gain ; PX=Port X; Psum=P1+P2+...PX

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

CSE Bandedge [PK]

5580MHz

30/01/2025



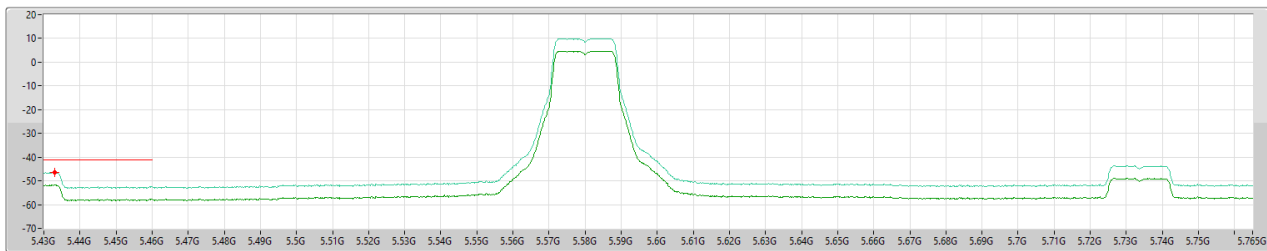
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.43G	5.765G	1M	PK	5.43268G	-36.57	-21.20	-15.37	5.26	-41.83	-	-	-41.83
5.43G	5.765G	1M	PK	5.46367G	-41.20	-27.00	-14.20	5.26	-46.46	-	-	-46.46
5.43G	5.765G	1M	PK	5.73937G	-33.24	-27.00	-6.24	5.26	-38.50	-	-	-38.50

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

CSE Bandedge [AV]

5580MHz

30/01/2025



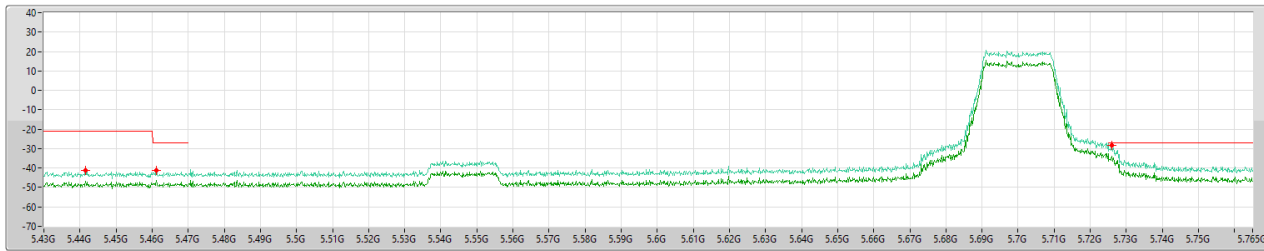
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.43G	5.765G	1M	AV	5.43302G	-46.34	-41.20	-5.14	5.26	-51.60	-	-	-51.60

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [PK]

5700MHz

30/01/2025



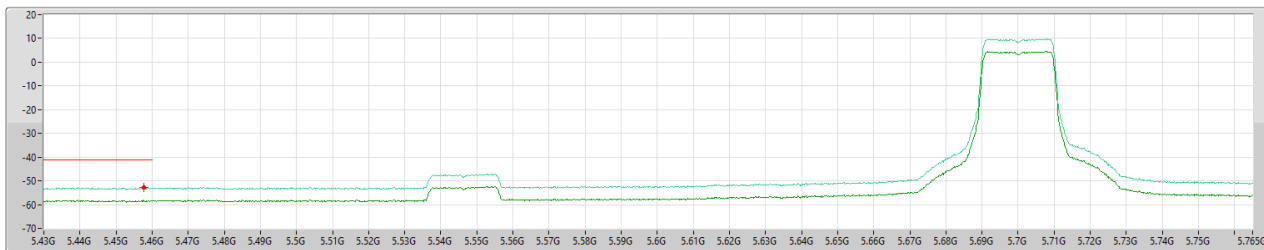
F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.43G	5.765G	1M	PK	5.44156G	-41.37	-21.20	-20.17	5.26	-46.63	-	-	-46.63
5.43G	5.765G	1M	PK	5.46116G	-41.32	-27.00	-14.32	5.26	-46.58	-	-	-46.58
5.43G	5.765G	1M	PK	5.72591G	-28.49	-27.00	-1.49	5.26	-33.75	-	-	-33.75

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

CSE Bandedge [AV]

5700MHz

30/01/2025



F-Start(Hz)	F-Stop(Hz)	RBW(Hz)	Type	Freq(Hz)	EIRP(dBm)	Limit(dBm)	Margin(dB)	DG(dB)	Psum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)
5.43G	5.765G	1M	AV	5.45764G	-52.91	-41.20	-11.71	5.26	-58.17	-	-	-58.17