

FCC Radio Test Report

FCC ID : UDX-600218020
Equipment : Cisco Wireless 9174E Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9174E
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 May 12, 2025, and testing was started from Jun. 11, 2025 and completed on Aug. 07, 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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[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.4	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: Daniel Hsu

Report Producer: Amber Chiu

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_1T1S_Full RU

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

Non-Beamforming_Radio 2_2T1S_Full RU

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11a	20	2TX(Port 1/3)
5.725-5.85GHz	802.11a	20	2TX(Port 1/3)
5.47-5.725GHz	802.11be EHT20	20	2TX(Port 1/3)
5.725-5.85GHz	802.11be EHT20	20	2TX(Port 1/3)
5.47-5.725GHz	802.11be EHT40	40	2TX(Port 1/3)
5.725-5.85GHz	802.11be EHT40	40	2TX(Port 1/3)
5.47-5.725GHz	802.11be EHT80	80	2TX(Port 1/3)
5.725-5.85GHz	802.11be EHT80	80	2TX(Port 1/3)



Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11be EHT160	160	2TX(Port 1/3)

Non-Beamforming_Radio 2_4T1S_Full RU

Band	Mode	BWch (MHz)	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_1T1S_Multi-RU

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

Non-Beamforming_Radio 2_2T1S_Multi-RU

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11be EHT80	80	2TX(Port 1/3)
5.725-5.85GHz	802.11be EHT80	80	2TX(Port 1/3)
5.47-5.725GHz	802.11be EHT160	160	2TX(Port 1/3)

Non-Beamforming_Radio 2_4T1S_Multi-RU

Band	Mode	BWch (MHz)	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_1T1S_Channel Puncturing

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

**Non-Beamforming_Radio 2_2T1S_Channel Puncturing**

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11be EHT80	80	2TX(Port 1/3)
5.725-5.85GHz	802.11be EHT80	80	2TX(Port 1/3)
5.47-5.725GHz	802.11be EHT160	160	2TX(Port 1/3)

Non-Beamforming_Radio 2_4T1S_Channel Puncturing

Band	Mode	BWch (MHz)	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

Beamforming_Radio 2

Band	Mode	BWch (MHz)	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

**Scan Radio**

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5470-5725	a, n (HT20), ac (VHT20), ax (HEW20)	5500-5700	100-140 [11]
Straddle 5720		5720	144 [1]

Non-Beamforming Scan Radio

Band	Mode	BWch (MHz)	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

Note:

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

1.1.2 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

1.1.3 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.

1.1.4 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
1	Cisco	C-ANT9101=	Omnidirectional	Octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
2	Cisco	C-ANT9102=	Omnidirectional	Octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
3	Cisco	C-ANT9103=	Directional Patch	Right angle octal DART	2.4G+5G+6G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
4	Cisco	CW-ANT-T-O2-D8	Omnidirectional	Octal DART	2.4G+5G+6G+BLE&IEEE 802.15.5	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
5	Cisco	CW-ANT-T-D2-D8	Directional Panel	Right angle octal DART	2.4G+5G+6G+BLE&IEEE 802.15.6	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
6	Cisco	MA-ANT-3-C6	Panel Omni	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
7	Cisco	MA-ANT-3-D6	Downtilt Panel Omni	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*2R BLE&IEEE 802.15.4 1T*1R
8	Cisco	MA-ANT-3-E6	Wide Patch	RP-TNC	2.4G+5G+Scan+BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R



Ant.	Brand	Model Name	Antenna Type	Connector	Support	Radio
9	Cisco	MA-ANT-3-F6	Narrow Patch	RP-TNC	2.4G+5G+Scan+ BLE&IEEE 802.15.4	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R BLE&IEEE 802.15.4 1T*1R
10	Cisco	AIR-ANT2524 V4C-R/RS=	Ceiling Mount Omni-Directional	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
11	Cisco	AIR-ANT2544 V4M-R/RS	Wall-Mounted Omnidirectional	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
12	Cisco	AIR-ANT2566 P4W-R/RS	4-Element Patch	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
13	Cisco	AIR-ANT2566 D4M-R/RS	Directional Array	RP-TNC	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
14	Cisco	AIR-ANT2513 P4M-N	Patch Array	N-Female Bulkhead	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
15	Cisco	AIR-ANT2513 P4M-NS	Patch Array	N-Female Bulkhead	2.4G+5G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio4_Scan 1T*1R
16	Cisco	CW-ANT-T-O4 -R	Omnidirectional	Reverse Polarity TNC	2.4G+5G+6G	Radio1_2.4G 2*2 Radio3_2.4G 4*4 Radio2_5G 4*4 Radio3_6G 4*4

Ant.	Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BLE& IEEE 802.15.4
1	2	6	6	6	6	6	6	6	6	3
2	4	4	4	4	4	4	4	4	4	4
3	6	6	6	6	6	6	6	6	6	6
4	3.25	5.63	5.63	5.63	5.63	5.63	5.63	5.63	5.63	3.25
5	6.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.6
6	4.9	4.9	4.9	4.9	4.9	-	-	-	-	4.9
7	2.9	3.7	3.7	3.7	3.7	-	-	-	-	2.9
8	7	6.3	6.3	6.3	6.3	-	-	-	-	7

Ant.	Gain (dBi)									
	2.4G	UNII-1	UNII-2A	UNII-2C	UNII-3	UNII-5	UNII-6	UNII-7	UNII-8	BLE& IEEE 802.15.4
9	11.2	10.8	10.8	10.8	10.8	-	-	-	-	11.2
10	2	4	4	4	4	-	-	-	-	-
11	4	4	4	4	4	-	-	-	-	-
12	6	6	6	6	6	-	-	-	-	-
13	6	6	6	6	6	-	-	-	-	-
14	13	13	13	13	13	-	-	-	-	-
15	13	13	13	13	13	-	-	-	-	-
16	1	2	2	2	2	4	4	4	4	-

Note 1: The EUT has sixteen antennas.

Note 2: Ant. 1 and Ant. 14 (for 2.4G), Ant. 7 and Ant. 14 (for 5G), Ant.2 and Ant.3 (for 6G), Ant.7 and Ant.9 (for IoT), which designated by the manufacturer, was used during the test.

For 2.4GHz function:

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

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 1 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~Ant.16 could transmit/receive simultaneously.

For IEEE 802.11 b/g/n/VHT/ax/be mode (1TX/4RX) (Radio 3)

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was port 2 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~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive simultaneously.

For 5GHz function:

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

Ant. 1~Ant.16 could transmit/receive.

Support diversity function and pre-tested on each single chain, the worst case was 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~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive.

For 6GHz function:

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

Ant. 1~Ant. 5 could transmit/receive.

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

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

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.16 could transmit/receive simultaneously.

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

Ant. 1~Ant.15 could transmit/receive simultaneously.

For BT function:

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

Ant. 1~Ant. 9 could transmit/receive.

For 802.15.4 function:

For IEEE 802.15.4 mode (1TX/1RX)

Ant. 1~Ant. 9 could transmit/receive.

Note 2: Directional gain information

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

1.1.5 Table of Serial Number

Test item	Serial Number
RF	FVH2911ASZD

1.1.6 EUT Information

Operational Condition			
EUT Power Type	From AC Adapter / PoE		
EUT Function	☐ Outdoor AP	☒ Indoor AP	
	☐ Fixed P2P AP	☐ Client	
Beamforming Function	☒ With beamforming	☐ Without beamforming	
TPC Function	☒ With TPC Function	☐ Without TPC Function	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
Resource Unit	☒ Full RU	☐ Partial RU	
	☒ MRU(static preamble puncturing)	☐ MRU(dynamic preamble puncturing)	
Channel Puncturing	☒ Support	☐ Not support	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.:		
☐	Other:		

1.1.7 Mode Test Duty Cycle
Non-Beamforming_Radio 2_Downtilt Panel Omni_1T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX(Port3)	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.453m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Patch Array_1T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX(Port3)	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	0.997	0.01	5.453m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Patch Array_2T1S_Full RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	0.992	0.03	1.978m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	0.997	0.01	5.455m	10Hz (DC>=0.98)

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

**Non-Beamforming_Radio 2_Patch Array_4T1S_Full RU**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_4TX	0.992	0.03	1.977m	10Hz (DC>=0.98)
802.11be EHT20_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_1T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	0.909	0.41	2.747m	500
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)	0.897	0.47	2.766m	500
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	0.909	0.41	2.747m	500

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	0.909	0.41	2.747m	500
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX(Port1&Port3)	0.894	0.49	2.745m	500
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	0.897	0.47	2.766m	500
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	0.909	0.41	2.747m	500

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.82	0.86	1.693m	1k
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	0.817	0.88	1.421m	1k

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

**Non-Beamforming_Radio 2_Patch Array_1T1S_Multi-RU**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	0.909	0.41	2.747m	1k
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)	0.831	0.8	1.425m	1k

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

Non-Beamforming_Radio 2_Patch Array_2T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	0.901	0.45	2.745m	500
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX(Port1&Port3)	0.923	0.35	2.745m	500
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	0.901	0.45	2.761m	500
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	0.901	0.45	2.745m	500

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

Non-Beamforming_Radio 2_Patch Array_4T1S_Multi-RU

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	0.82	0.86	1.693m	1k
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	0.817	0.88	1.421m	1k

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

**Non-Beamforming_Radio 2_Downtilt Panel Omni_1T1S_Channel Puncturing**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	0.997	0.01	5.456m	10
5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	0.997	0.01	5.456m	10
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	0.998	0.01	5.456m	10
5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_1TX(Port3)	0.998	0.01	5.456m	10
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	0.997	0.01	5.456m	10
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	0.997	0.01	5.456m	10

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Channel Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port1&Port3)	0.997	0.01	5.456m	10

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

Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Channel Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	0.997	0.01	5.456m	10
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	0.997	0.01	5.456m	10

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

**Non-Beamforming_Radio 2_Patch Array_1T1S_Channel Puncturing**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	0.997	0.01	5.453m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	0.997	0.01	5.453m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)	0.997	0.01	5.453m	10

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

Non-Beamforming_Radio 2_Patch Array_2T1S_Channel Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_2TX(Port1&Port3)	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	0.997	0.01	5.456m	10

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

Non-Beamforming_Radio 2_Patch Array_4T1S_Channel Puncturing

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	0.997	0.01	5.456m	10
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	0.997	0.01	5.456m	10
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	0.997	0.01	5.456m	10

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

Non-Beamforming_Scan Radio_Downtilt Panel Omni

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.992	0.03	2.097m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.446m	10Hz (DC>=0.98)

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

**Non-Beamforming_Scan Radio_Patch Array**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)_1TX	0.992	0.03	2.097m	10Hz (DC>=0.98)
802.11ax HEW20_Nss1,(MCS0)_1TX	0.997	0.01	5.446m	10Hz (DC>=0.98)

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

Beamforming_Radio 2_Downtilt Panel Omni

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT80802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)
802.11be EHT160802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.453m	10Hz (DC>=0.98)

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

Beamforming_Radio 2_Patch Array

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT20-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m	10Hz (DC>=0.98)
802.11be EHT40-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m20	10Hz (DC>=0.98)
802.11be EHT80-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m20	10Hz (DC>=0.98)
802.11be EHT160-BF_Nss1,(MCS0)_4TX	0.997	0.01	5.454m20	10Hz (DC>=0.98)

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 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	Andy Wang	23.1~23.9°C / 56~62%	08/Jul/2025
Radiated (Co-location)	03CH02-HY	Vasari Huang	23.1~23.7°C / 53~59%	07/Aug/2025
☒ Wenhua 3rd.. (TAF: 3785)	ADD: No. 58, Aly. 75, Ln. 564, Wenhua 3rd Rd., Guishan Dist. Taoyuan City 333, Taiwan (R.O.C.)			
	TEL: 886-3-327-0868			
Test site Designation No. TW0036 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH06-HY	Johnny Yu	23.1~23.7°C / 54~63%	11/Jun/2025~18/Jul/2025
Radiated	03CH24-HY	Andy Wang	22.2~23.3°C / 50~51%	02/Jul/2025~05/Jul/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	3.44 dB	Confidence levels of 95%
Conducted Output Power	1.48 dB	Confidence levels of 95%
Bandwidth	0.05 MHz	Confidence levels of 95%
Conducted Emission	1.48 dB	Confidence levels of 95%
Power Spectral Density	1.22 dB	Confidence levels of 95%
Radiated Emission (9 kHz ~ 30 MHz)	2.9 dB	Confidence levels of 95%
Radiated Emission (30 MHz ~ 1 GHz)	5.64 dB	Confidence levels of 95%
Radiated Emission (1 GHz ~ 18 GHz)	5.02 dB	Confidence levels of 95%
Radiated Emission (18 GHz ~ 40 GHz)	5.28 dB	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_Downtilt Panel Omni_1T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port3)	-
5500MHz	19
5580MHz	19
5700MHz	19
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-
5500MHz	19
5580MHz	19
5700MHz	19
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-
5510MHz	19
5550MHz	19
5670MHz	19
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-
5530MHz	19
5610MHz	19
5690MHz Straddle 5.47-5.725GHz	19
5690MHz Straddle 5.725-5.85GHz	19
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-
5570MHz	19

**Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Full RU**

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-
5500MHz	17.5
5580MHz	19
5700MHz	19
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-
5500MHz	17
5580MHz	19
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-
5510MHz	19
5550MHz	19
5670MHz	19
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-
5530MHz	17.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	19
5690MHz Straddle 5.725-5.85GHz	19
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-
5570MHz	11.5

Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5500MHz	15.5
5580MHz	15.5
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	15
5720MHz Straddle 5.725-5.85GHz	15
802.11be EHT20_Nss1,(MCS0)_4TX	-
5500MHz	16



Mode	Power Setting
5580MHz	16
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT40_Nss1,(MCS0)_4TX	-
5510MHz	15.5
5550MHz	17.5
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	18.5
5710MHz Straddle 5.725-5.85GHz	18.5
802.11be EHT80_Nss1,(MCS0)_4TX	-
5530MHz	14
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18
802.11be EHT160_Nss1,(MCS0)_4TX	-
5570MHz	11

Non-Beamforming_Radio 2_Patch Array_1T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX(Port3)	-
5500MHz	17.5
5580MHz	17.5
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-
5500MHz	17.5
5580MHz	17
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-
5510MHz	17
5550MHz	17
5670MHz	17



Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-
5530MHz	16.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-
5570MHz	13.5

Non-Beamforming_Radio 2_Patch Array_2T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-
5500MHz	12
5580MHz	11.5
5700MHz	11
5720MHz Straddle 5.47-5.725GHz	11.5
5720MHz Straddle 5.725-5.85GHz	11.5
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-
5500MHz	12
5580MHz	12
5700MHz	8
5720MHz Straddle 5.47-5.725GHz	12
5720MHz Straddle 5.725-5.85GHz	12
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-
5510MHz	11
5550MHz	13.5
5670MHz	12
5710MHz Straddle 5.47-5.725GHz	14.5
5710MHz Straddle 5.725-5.85GHz	14.5
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-
5530MHz	10.5
5610MHz	14
5690MHz Straddle 5.47-5.725GHz	14
5690MHz Straddle 5.725-5.85GHz	14
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-



Mode	Power Setting
5570MHz	9

Non-Beamforming_Radio 2_Patch Array_4T1S_Full RU

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5500MHz	15.5
5580MHz	15.5
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	15
5720MHz Straddle 5.725-5.85GHz	15
802.11be EHT20_Nss1,(MCS0)_4TX	-
5500MHz	16
5580MHz	16
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT40_Nss1,(MCS0)_4TX	-
5510MHz	15.5
5550MHz	17.5
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	18.5
5710MHz Straddle 5.725-5.85GHz	18.5
802.11be EHT80_Nss1,(MCS0)_4TX	-
5530MHz	14
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18
802.11be EHT160_Nss1,(MCS0)_4TX	-
5570MHz	11

Non-Beamforming_Radio 2_Downtilt Panel Omni_1T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5530MHz	16.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-



Mode	Power Setting
5610MHz	17
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5690MHz Straddle 5.47-5.725GHz	16.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5690MHz Straddle 5.725-5.85GHz	16.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5775MHz	17
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_1TX(Port3)	-
5570MHz	16

Non-Beamforming Radio 2 Downtilt Panel Omni_2T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX(Port1&Port3)	-
5610MHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-
5690MHz Straddle 5.47-5.725GHz	17
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	-
5570MHz	9

Non-Beamforming Radio 2 Downtilt Panel Omni_4T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5530MHz	11
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5610MHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242	-



Mode	Power Setting
MRU 3_4TX	
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-
5570MHz	7

Non-Beamforming Radio 2 Patch Array 1T1S Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5530MHz	13.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5610MHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX(Port3)	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX(Port3)	-
5570MHz	8

Non-Beamforming Radio 2 Patch Array 2T1S Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-
5530MHz	7.5
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX(Port1&Port3)	-
5610MHz	9
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-
5690MHz Straddle 5.47-5.725GHz	11
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX(Port1&Port3)	-
5690MHz Straddle 5.725-5.85GHz	11



Mode	Power Setting
802.11be EHT160_Nss1,(MCS0),RU484+3xRU242 MRU 1_2TX(Port1&Port3)	-
5570MHz	5.5

Non-Beamforming_Radio 2_Patch Array_4T1S_Multi-RU

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5530MHz	11
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5610MHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5690MHz Straddle 5.47-5.725GHz	15
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-
5570MHz	7

Non-Beamforming_Radio 2_Downtilt Panel Omni_1T1S_Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-
5530MHz	17
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-
5610MHz	17
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-
5690MHz Straddle 5.47-5.725GHz	17
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_1TX(Port3)	-
5690MHz Straddle 5.725-5.85GHz	17
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	-
5570MHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP	-



Mode	Power Setting
2_1TX(Port3)	
5570MHz	16

Non-Beamforming_Radio 2_Downtilt Panel Omni_2T1S_Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port1&Port3)	-
5530MHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-
5610MHz	16
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-
5690MHz Straddle 5.47-5.725GHz	17.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-
5690MHz Straddle 5.725-5.85GHz	17.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port1&Port3)	-
5775MHz	14.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_2TX(Port1&Port3)	-
5570MHz	10.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_2TX(Port1&Port3)	-
5570MHz	10

Non-Beamforming_Radio 2_Downtilt Panel Omni_4T1S_Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5530MHz	11.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5610MHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5690MHz Straddle 5.47-5.725GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-



Mode	Power Setting
5690MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5570MHz	9.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5570MHz	1.5

Non-Beamforming_Radio 2_Patch Array_1T1S_Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_1TX(Port3)	-
5530MHz	13
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	15
5690MHz Straddle 5.725-5.85GHz	15
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 4_1TX(Port3)	-
5570MHz	11
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_1TX(Port3)	-
5570MHz	11.5

Non-Beamforming_Radio 2_Patch Array_2T1S_Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_2TX(Port1&Port3)	-
5530MHz	8.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_2TX(Port1&Port3)	-
5610MHz	11.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX(Port1&Port3)	-
5690MHz Straddle 5.47-5.725GHz	11.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 1_2TX(Port1&Port3)	-
5690MHz Straddle 5.725-5.85GHz	11.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP	-



Mode	Power Setting
3_2TX(Port1&Port3)	
5570MHz	7
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 2_2TX(Port1&Port3)	-
5570MHz	7

Non-Beamforming Radio 2 Patch Array 4T1S Channel Puncturing

Mode	Power Setting
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 3_4TX	-
5530MHz	11.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5610MHz	14
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5690MHz Straddle 5.47-5.725GHz	15.5
802.11be EHT80_Nss1,(MCS0),RU484+RU242 CP 2_4TX	-
5690MHz Straddle 5.725-5.85GHz	15.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484+RU242 CP 3_4TX	-
5570MHz	9.5
802.11be EHT160_Nss1,(MCS0),RU996+RU484 CP 3_4TX	-
5570MHz	1.5

Non-Beamforming Scan Radio Downtilt Panel Omni

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5500MHz	14
5580MHz	13
5700MHz	14
5720MHz Straddle 5.47-5.725GHz	14
5720MHz Straddle 5.725-5.85GHz	14
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5500MHz	13.5
5580MHz	13
5700MHz	13



Mode	Power Setting
5720MHz Straddle 5.47-5.725GHz	14
5720MHz Straddle 5.725-5.85GHz	14

Non-Beamforming_Scan Radio_Patch Array

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5500MHz	11.5
5580MHz	13
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	14
5720MHz Straddle 5.725-5.85GHz	14
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5500MHz	11
5580MHz	13
5700MHz	10.5
5720MHz Straddle 5.47-5.725GHz	14
5720MHz Straddle 5.725-5.85GHz	14

Beamforming_Radio 2_Downtilt Panel Omni

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5500MHz	14.5
5580MHz	14.5
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	14.5
5720MHz Straddle 5.725-5.85GHz	14.5
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5510MHz	14.5
5550MHz	14.5
5670MHz	14.5
5710MHz Straddle 5.47-5.725GHz	15
5710MHz Straddle 5.725-5.85GHz	15
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5530MHz	14
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	14.5
5690MHz Straddle 5.725-5.85GHz	14.5



Mode	Power Setting
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5570MHz	11

Beamforming_Radio 2_Patch Array

Mode	Power Setting
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-
5500MHz	4.5
5580MHz	4.5
5700MHz	4.5
5720MHz Straddle 5.47-5.725GHz	5
5720MHz Straddle 5.725-5.85GHz	5
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-
5510MHz	4
5550MHz	4
5670MHz	4.5
5710MHz Straddle 5.47-5.725GHz	5.5
5710MHz Straddle 5.725-5.85GHz	5.5
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-
5530MHz	4
5610MHz	4
5690MHz Straddle 5.47-5.725GHz	5.5
5690MHz Straddle 5.725-5.85GHz	5.5
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-
5570MHz	4

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	Z Plane
	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - 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.: FA550854 for Co-location RF Exposure Evaluation and Appendix F 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

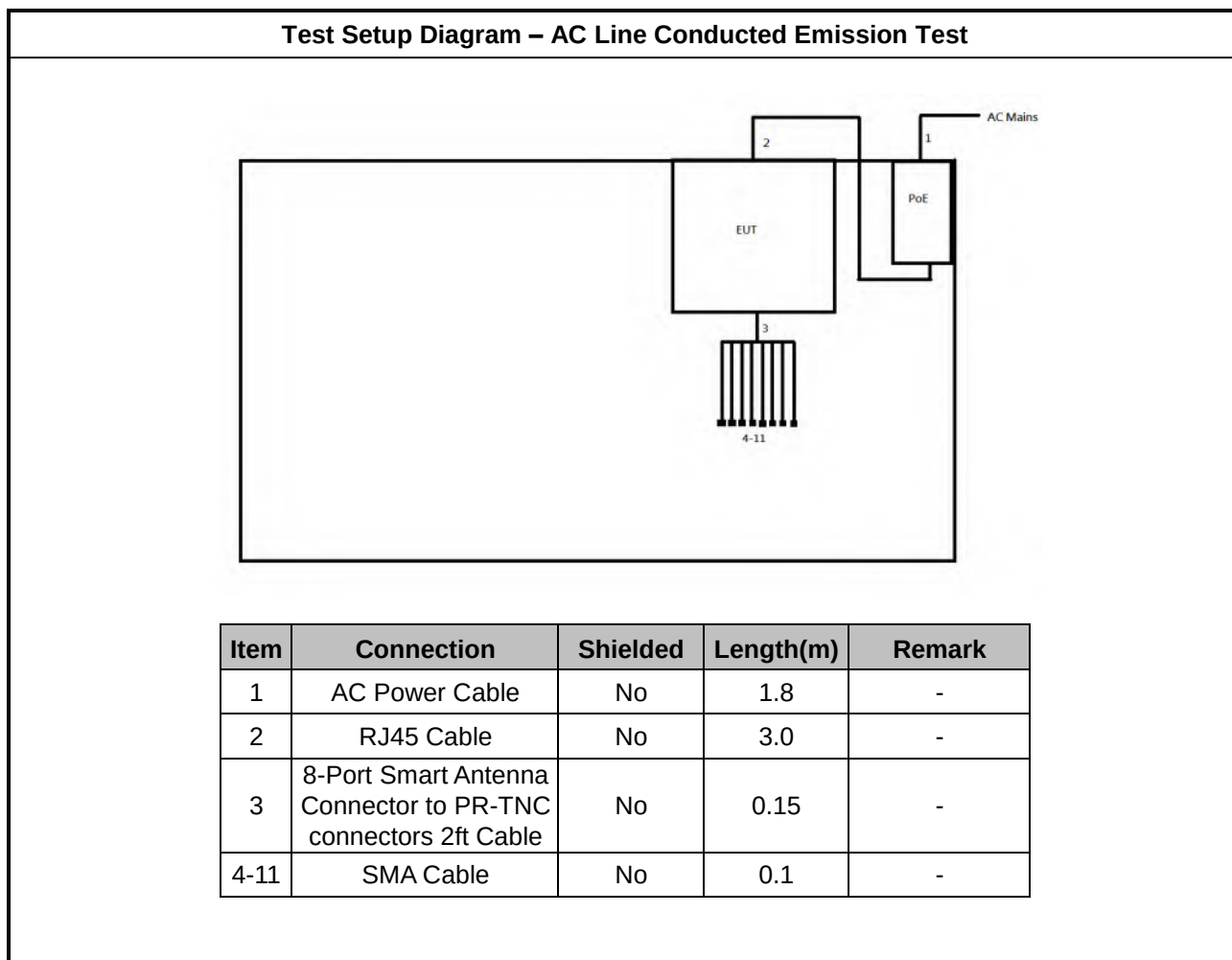
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer
2	SMA Cable * 8	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
3	AC Power Cable	Power Sync	PW-GPC180-3	-	-
4	RJ45 Cable	Power sync	CAT-6E-03	-	-
5	PoE	PHIHONG	POE60U-BTA	-	Provided by Customer

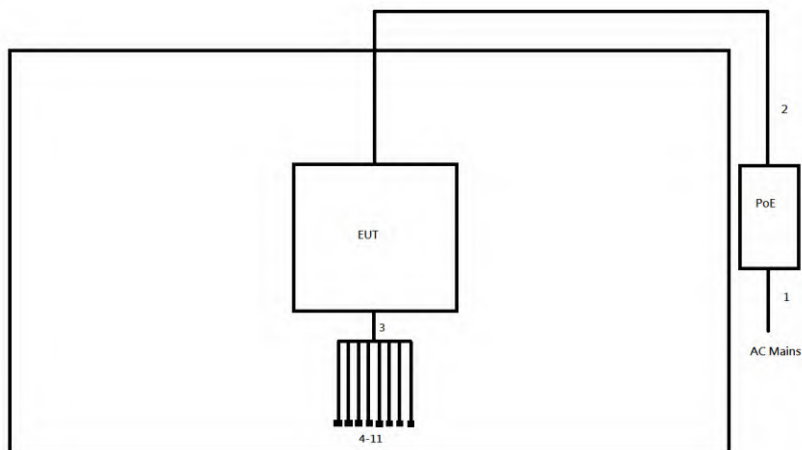
Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	DELL	E5410	-	-
2	Adapter for NB	DELL	HA65NM130	-	-
3	PoE	PHIHONG	POE60U-BTA	-	Provided by Customer
4	AC Power Cable X2	Power Sync	PW-GPC180-3	-	-
5	SMA Cable	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
6	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer



Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	CISCO	AIR-CAB002-D8-R	-	Provided by Customer
2	SMA Cable * 8	Amphenol RF Asia Ltd	95-668-45449-1	-	Provided by Customer
3	RJ45 Cable	Power sync	CAT-6E-03	-	-
4	PoE (Remote)	PHIHONG	POE60U-BTA	-	Provided by Customer
5	AC Power Cable (Remote)	Power Sync	PW-GPC180-3	-	-

2.5 Test Setup Diagram



Test Setup Diagram - Radiated Test_PoE Mode


Item	Connection	Shielded	Length(m)	Remark
1	AC Power Cable	No	1.8	-
2	RJ45 Cable	No	3.0	-
3	8-Port Smart Antenna Connector to PR-TNC connectors 2ft Cable	No	0.15	-
4-11	SMA Cable	No	0.1	-

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

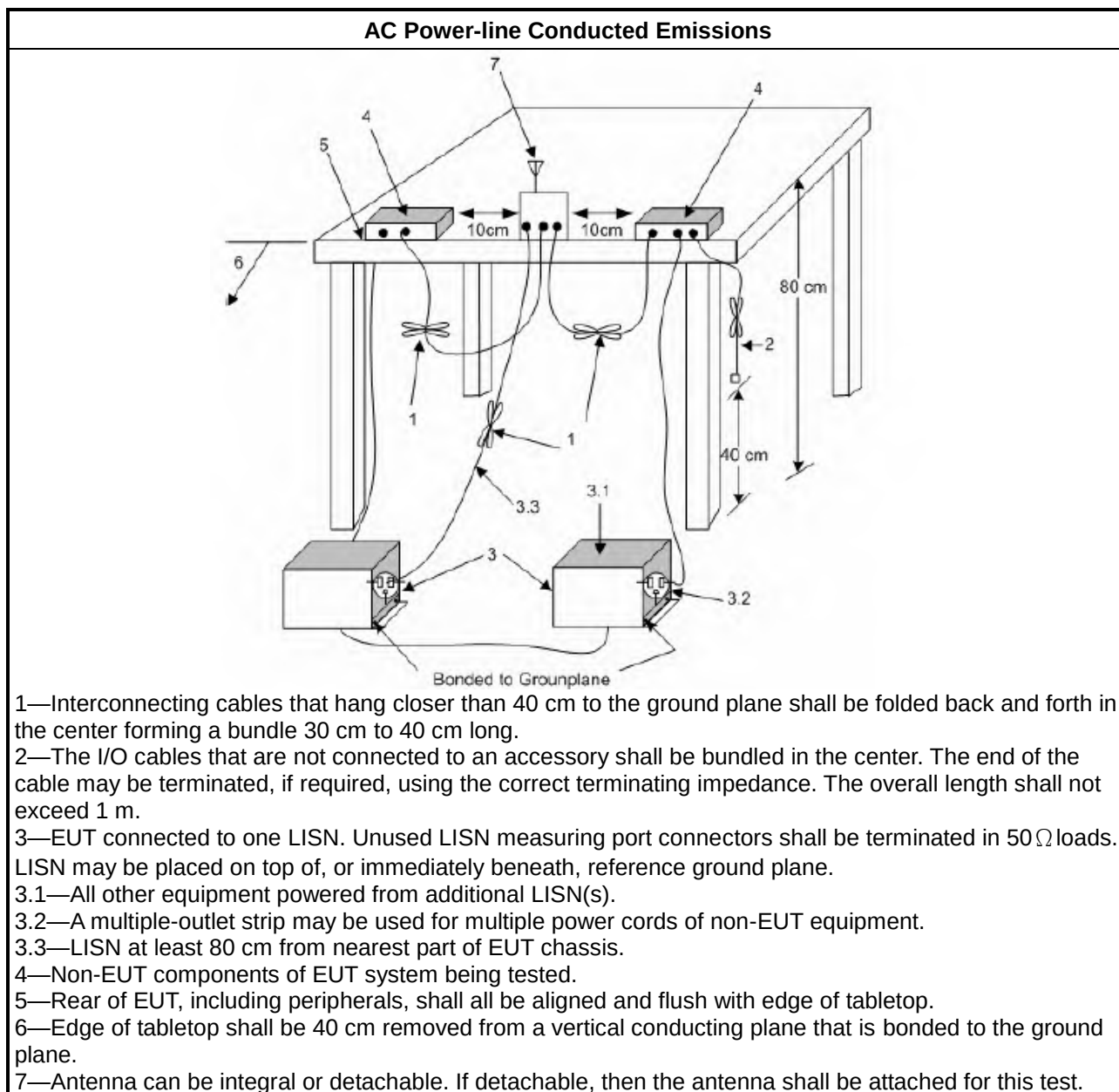
Test Method
☒ Refer as ANSI C63.10, clause 6.2 for AC power-line conducted emissions.

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.

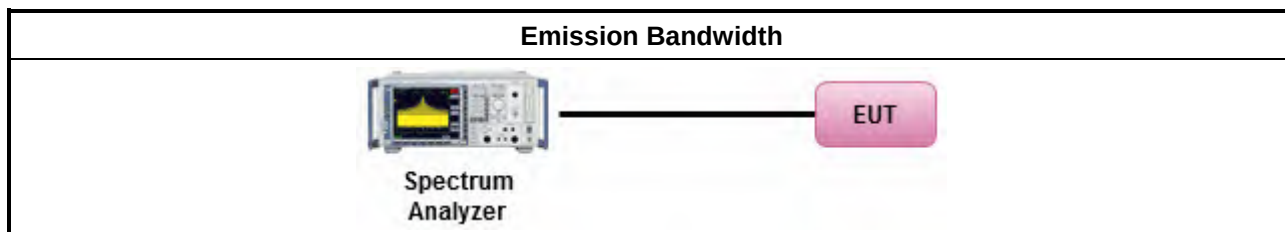
3.2.2 Measuring Instruments

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

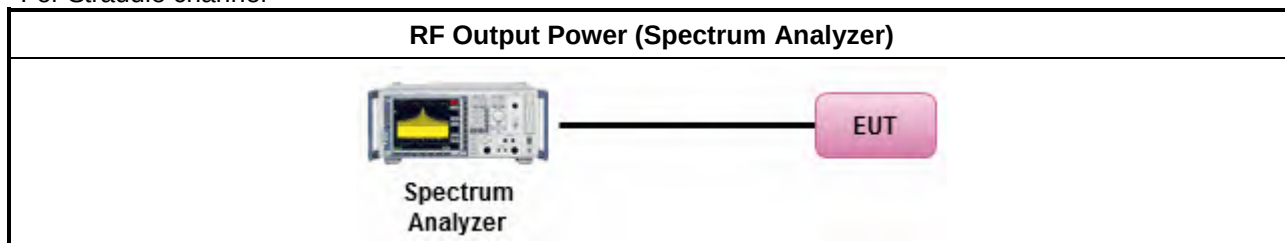
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

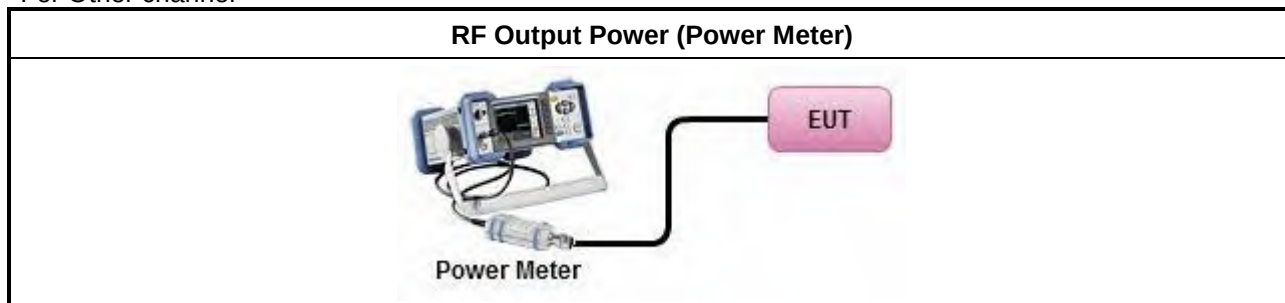
Test Method	
Maximum Conducted Output Power	
	Duty cycle $\geq 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 (spectral trace averaging).
	Duty cycle $< 98\%$
☒	Refer as KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods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

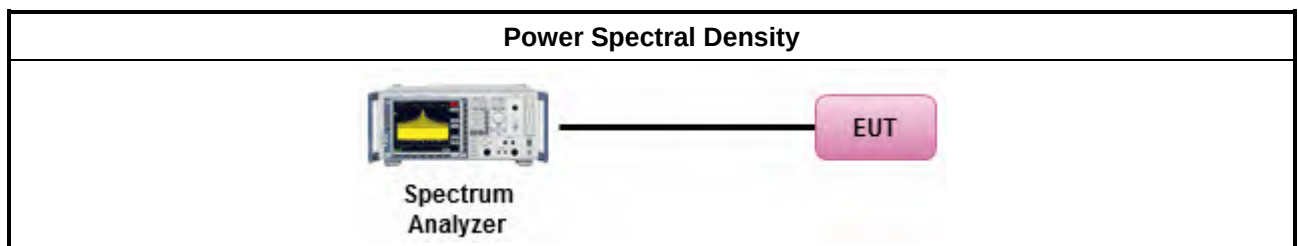
3.4.2 Measuring Instruments

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.

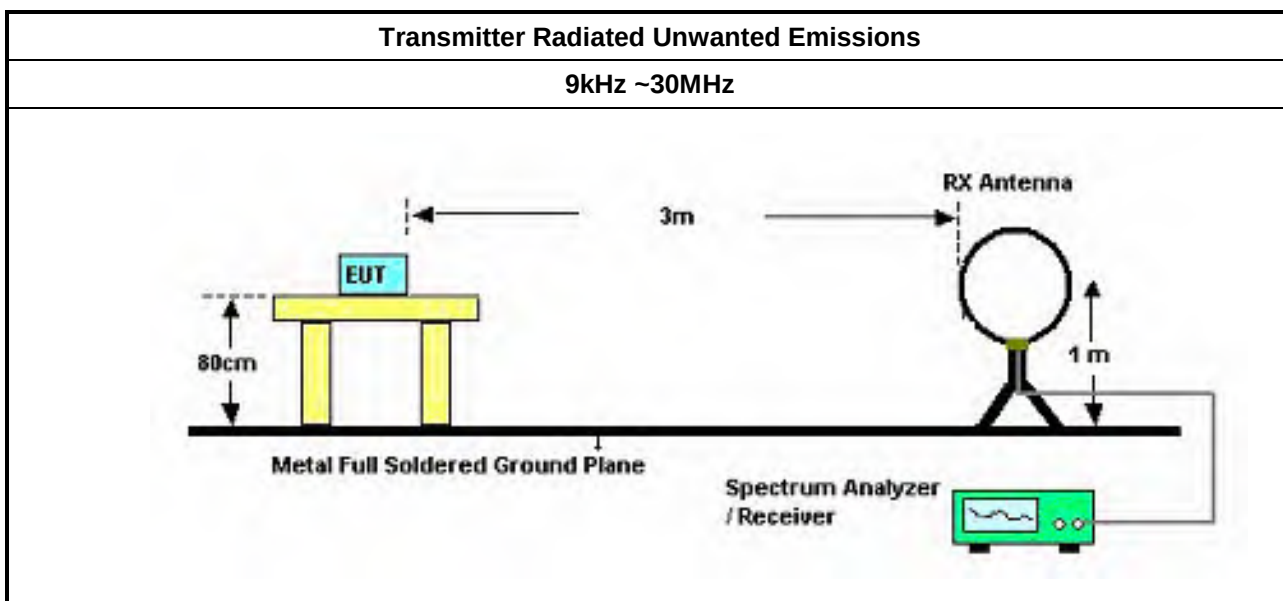
Use the following spectrum analyzer settings:	
	Set RBW=100 kHz for $f < 1$ GHz; VBW=3 * RBW; Sweep = auto; Detector function = peak; Trace = max hold.
	Set RBW = 1 MHz, VBW= 3MHz for $f \geq 1$ GHz for peak measurement. For average measurement, refer as 1.1.4.
KDB 414788 Open-Field Test Sites and Chamber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

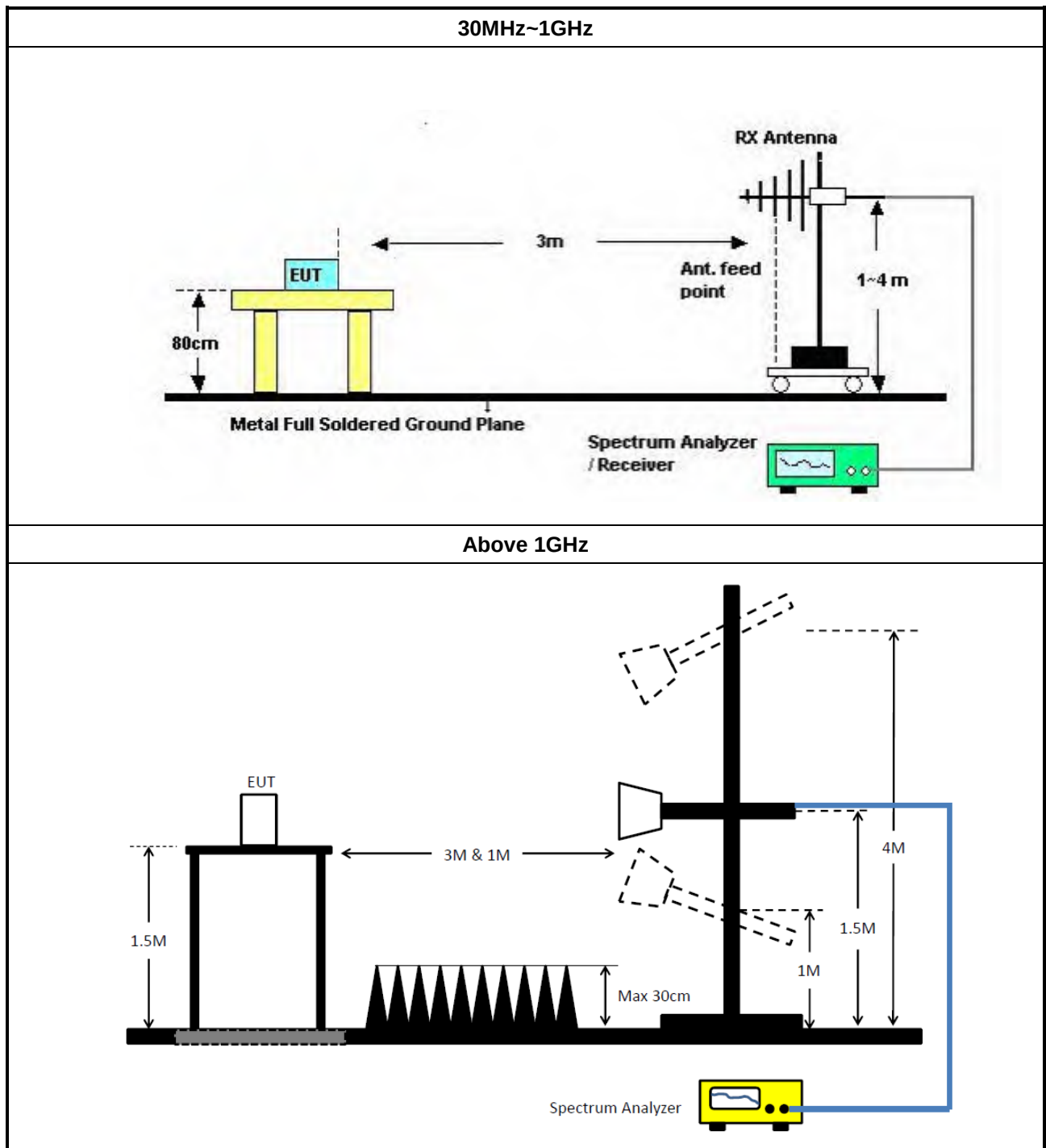
3.5.4 Measurement Results Calculation

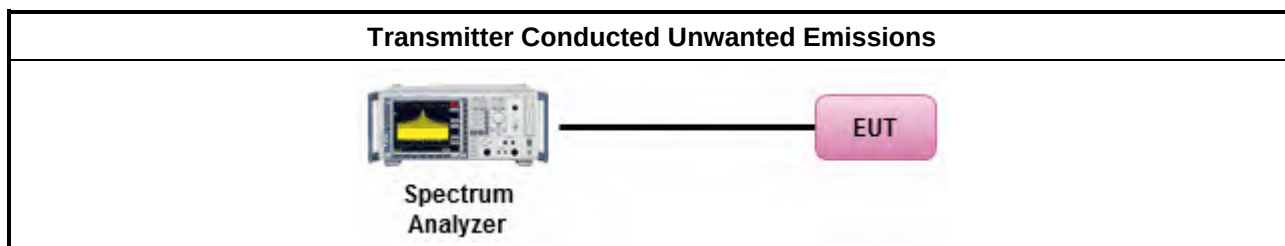
The measured Level is calculated using:

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	21/May/2025	20/May/2026
Two-Line V-Network	ROHDE & SCHWARZ	ENV 216	100003	9kHz ~ 30MHz	18/Apr/2025	17/Apr/2026
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	V5.11.6	-	NCR	NCR

NCR: No Calibration Required

Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101029	10Hz~40GHz	28/Oct/2024	27/Oct/2025
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	16/Oct/2024	15/Oct/2025
Power Meter	Anritsu	ML2495A	1124009	300MHz~40GHz	28/Mar/2025	27/Mar/2026
Pulse Sensor	Anritsu	MA2411B	1027452	300MHz~40GHz	28/Mar/2025	27/Mar/2026
SENSE-15407_NII	Sporton	V5.11.24	N/A	N/A	N/A	N/A

**Instrument for Radiated Test (03CH24-HY)**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	30MHz~1GHz 3m	16/Aug/2024	15/Aug/2025
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH24-HY	1GHz~18GHz 3m	30/Jul/2024	29/Jul/2025
EMI Test Receiver	ROHDE & SCHWARZ	ESR	102318	9kHz~3.6GHz	06/Dec/2024	05/Dec/2025
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101345	10Hz~44GHz	27/Aug/2024	26/Aug/2025
Loop Antenna	TESEQ	HLA 6120	31244	9kHz~30MHz	20/Mar/2025	19/Mar/2026
Bilog Antenna & 6dB Attenuator	TESEQ / Woken	CBL 6112D / 00800N1D01N-06	35376 / 02	30MHz~1GHz	13/Apr/2025	12/Apr/2026
Double Ridged Guide Horn Antenna	SCHWARZBECK	BBHA 9120 D	02744	1GHz~18GHz	15/Aug/2024	14/Aug/2025
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	01248	18GHz~40GHz	04/Oct/2024	03/Oct/2025
RF Cable	HUBER+SUHNER	SUOFLEX 104	03CH24-cable-01	9kHz~40GHz	01/Oct/2024	30/Sep/2025
Pre-Amplifier	Aglient	8447D	2944A06292	30MHz~1GHz	08/Apr/2025	07/Apr/2026
Amplifier	EM	EM01G18G	060870	1GHz ~18GHz	12/Aug/2024	11/Aug/2025
Amplifier	EM	EM18G40GA	060874	18GHz ~40GHz	18/Apr/2025	17/Apr/2026
SENSE-15407-NII	Sporton	V5.11.24	N/A	N/A	N/A	N/A

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	12/Jul/2025	11/Jul/2026
Signal Analyzer	ROHDE & SCHWARZ	FSV3044	101750	10Hz~44GHz	10/Apr/2025	09/Apr/2026
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	02/Jul/2025	01/Jul/2026
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX 104	03CH02-cable-04	1GHz~40GHz	17/Jul/2025	16/Jul/2026
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	01/Oct/2024	30/Sep/2025
Microwave Preamplifier	EMC INSTRUMENTS	EM18G40G	060604	18GHz ~40GHz	26/Apr/2025	25/Apr/2026
SENSE-EMI	Sporton	V5.11.9	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline_Non-Beamforming_Radio 2 Appendix A.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	47.30	66.00	-18.70	Neutral

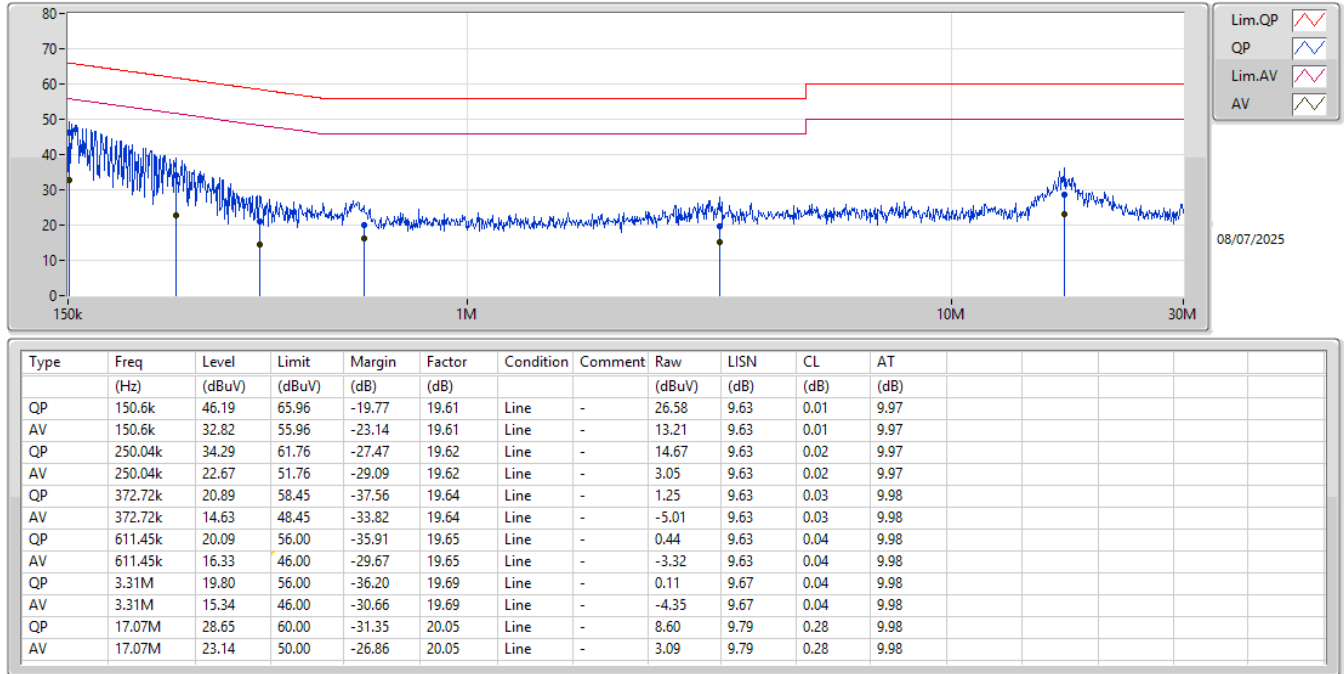


Conducted Emissions at Powerline_Non-Beamforming_Radio 2 Appendix A.1

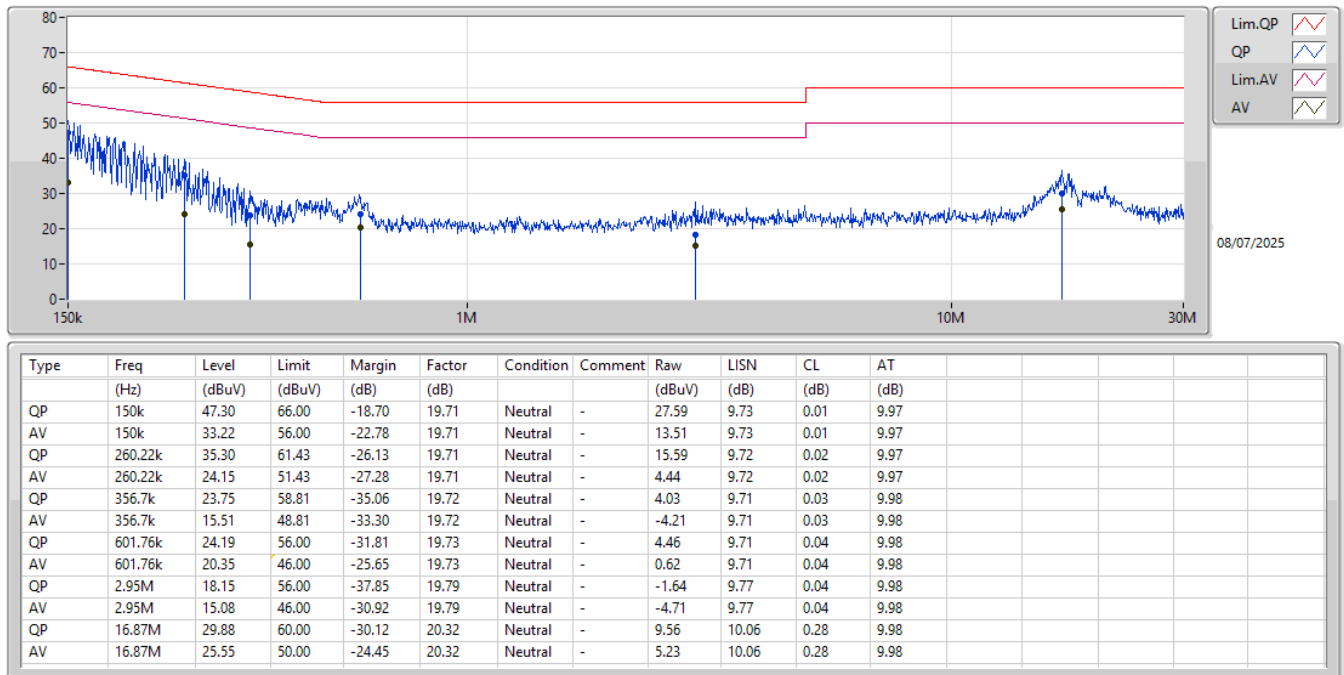
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	150.6k	46.19	65.96	-19.77	Line	-
Mode 1	Pass	AV	150.6k	32.82	55.96	-23.14	Line	-
Mode 1	Pass	QP	250.04k	34.29	61.76	-27.47	Line	-
Mode 1	Pass	AV	250.04k	22.67	51.76	-29.09	Line	-
Mode 1	Pass	QP	372.72k	20.89	58.45	-37.56	Line	-
Mode 1	Pass	AV	372.72k	14.63	48.45	-33.82	Line	-
Mode 1	Pass	QP	611.45k	20.09	56.00	-35.91	Line	-
Mode 1	Pass	AV	611.45k	16.33	46.00	-29.67	Line	-
Mode 1	Pass	QP	3.31M	19.80	56.00	-36.20	Line	-
Mode 1	Pass	AV	3.31M	15.34	46.00	-30.66	Line	-
Mode 1	Pass	QP	17.07M	28.65	60.00	-31.35	Line	-
Mode 1	Pass	AV	17.07M	23.14	50.00	-26.86	Line	-
Mode 1	Pass	QP	150k	47.30	66.00	-18.70	Neutral	-
Mode 1	Pass	AV	150k	33.22	56.00	-22.78	Neutral	-
Mode 1	Pass	QP	260.22k	35.30	61.43	-26.13	Neutral	-
Mode 1	Pass	AV	260.22k	24.15	51.43	-27.28	Neutral	-
Mode 1	Pass	QP	356.7k	23.75	58.81	-35.06	Neutral	-
Mode 1	Pass	AV	356.7k	15.51	48.81	-33.30	Neutral	-
Mode 1	Pass	QP	601.76k	24.19	56.00	-31.81	Neutral	-
Mode 1	Pass	AV	601.76k	20.35	46.00	-25.65	Neutral	-
Mode 1	Pass	QP	2.95M	18.15	56.00	-37.85	Neutral	-
Mode 1	Pass	AV	2.95M	15.08	46.00	-30.92	Neutral	-
Mode 1	Pass	QP	16.87M	29.88	60.00	-30.12	Neutral	-
Mode 1	Pass	AV	16.87M	25.55	50.00	-24.45	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





Conducted Emissions at Powerline_Non-Beamforming_ Scan Radio

Appendix A.2

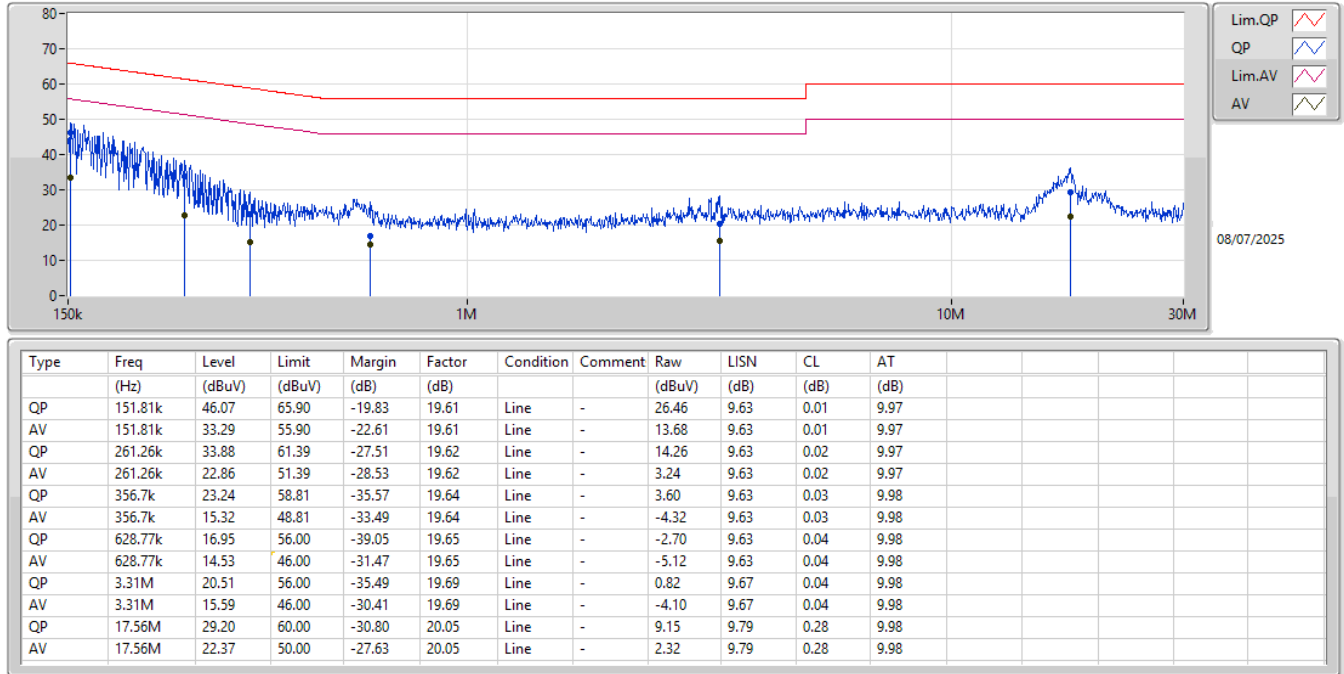
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	150k	46.78	66.00	-19.22	Neutral

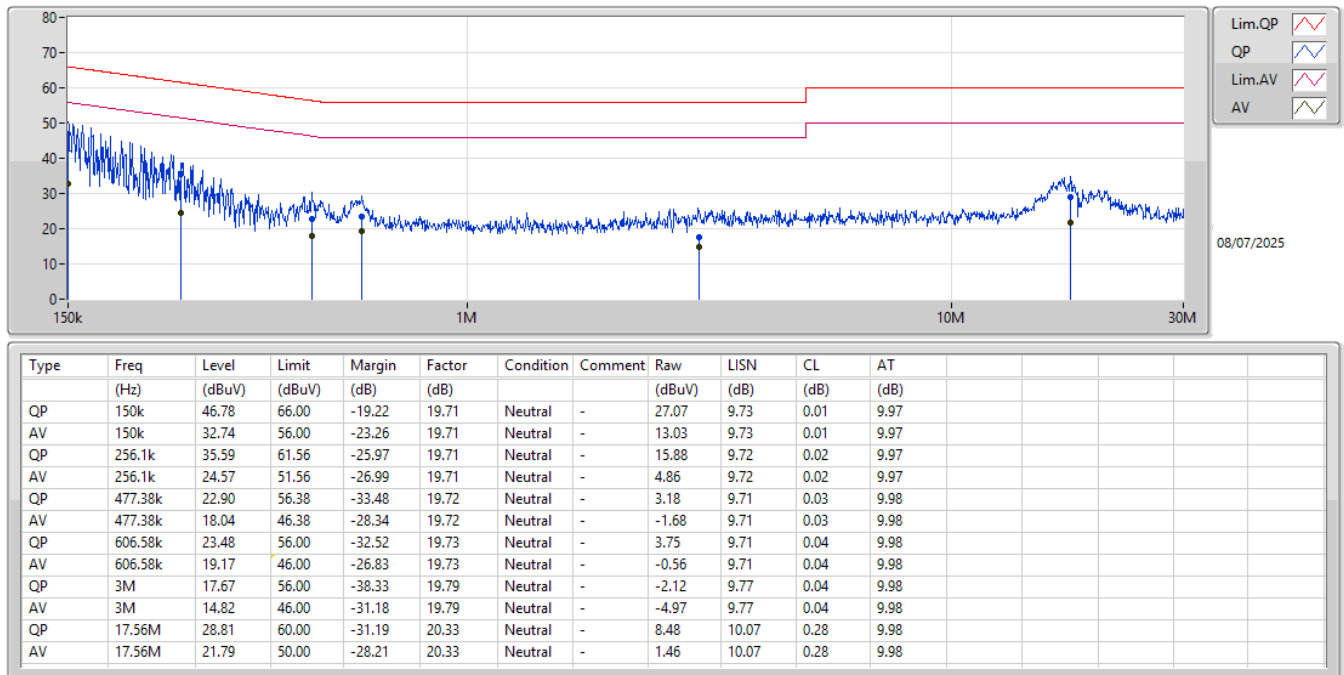
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	151.81k	46.07	65.90	-19.83	Line	-
Mode 1	Pass	AV	151.81k	33.29	55.90	-22.61	Line	-
Mode 1	Pass	QP	261.26k	33.88	61.39	-27.51	Line	-
Mode 1	Pass	AV	261.26k	22.86	51.39	-28.53	Line	-
Mode 1	Pass	QP	356.7k	23.24	58.81	-35.57	Line	-
Mode 1	Pass	AV	356.7k	15.32	48.81	-33.49	Line	-
Mode 1	Pass	QP	628.77k	16.95	56.00	-39.05	Line	-
Mode 1	Pass	AV	628.77k	14.53	46.00	-31.47	Line	-
Mode 1	Pass	QP	3.31M	20.51	56.00	-35.49	Line	-
Mode 1	Pass	AV	3.31M	15.59	46.00	-30.41	Line	-
Mode 1	Pass	QP	17.56M	29.20	60.00	-30.80	Line	-
Mode 1	Pass	AV	17.56M	22.37	50.00	-27.63	Line	-
Mode 1	Pass	QP	150k	46.78	66.00	-19.22	Neutral	-
Mode 1	Pass	AV	150k	32.74	56.00	-23.26	Neutral	-
Mode 1	Pass	QP	256.1k	35.59	61.56	-25.97	Neutral	-
Mode 1	Pass	AV	256.1k	24.57	51.56	-26.99	Neutral	-
Mode 1	Pass	QP	477.38k	22.90	56.38	-33.48	Neutral	-
Mode 1	Pass	AV	477.38k	18.04	46.38	-28.34	Neutral	-
Mode 1	Pass	QP	606.58k	23.48	56.00	-32.52	Neutral	-
Mode 1	Pass	AV	606.58k	19.17	46.00	-26.83	Neutral	-
Mode 1	Pass	QP	3M	17.67	56.00	-38.33	Neutral	-
Mode 1	Pass	AV	3M	14.82	46.00	-31.18	Neutral	-
Mode 1	Pass	QP	17.56M	28.81	60.00	-31.19	Neutral	-
Mode 1	Pass	AV	17.56M	21.79	50.00	-28.21	Neutral	-

Conducted Emissions at Powerline_Mode 1



Conducted Emissions at Powerline_Mode 1





EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_1T1S_Full RU

Appendix B.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)	22.44M	16.712M	16M7D1D	15.54M	13.358M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	22.055M	19.115M	19M1D1D	16.035M	14.543M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	42.79M	37.881M	37M9D1D	35.455M	33.793M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	86.24M	77.461M	77M5D1D	76.5M	73.463M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	160.16M	156.922M	157MD1D	160.16M	156.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	3.28M	3.938M	3M94D1D	3.28M	3.938M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	4.56M	4.598M	4M60D1D	4.56M	4.598M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	4.08M	4.158M	4M16D1D	4.08M	4.158M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	4.12M	5.917M	5M92D1D	4.12M	5.917M

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



EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_1T1S_Full RU

Appendix B.1

Result

Mode	Result	Limit (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-
5500MHz	Pass	Inf	22.44M	16.712M
5580MHz	Pass	Inf	21.23M	16.536M
5700MHz	Pass	Inf	22.165M	16.536M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.54M	13.358M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.28M	3.938M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5500MHz	Pass	Inf	21.56M	19.04M
5580MHz	Pass	Inf	22.055M	19.115M
5700MHz	Pass	Inf	21.835M	18.991M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.035M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.598M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5510MHz	Pass	Inf	42.79M	37.831M
5550MHz	Pass	Inf	42.35M	37.881M
5670MHz	Pass	Inf	41.03M	37.831M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.455M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.158M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5530MHz	Pass	Inf	85.8M	77.461M
5610MHz	Pass	Inf	86.24M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	5.917M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5570MHz	Pass	Inf	160.16M	156.922M

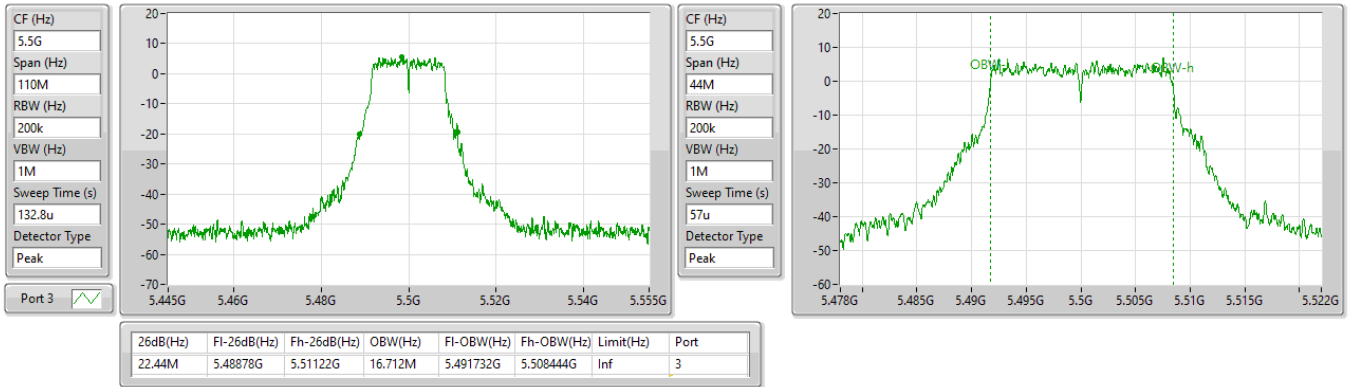
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5500MHz

18/06/2025

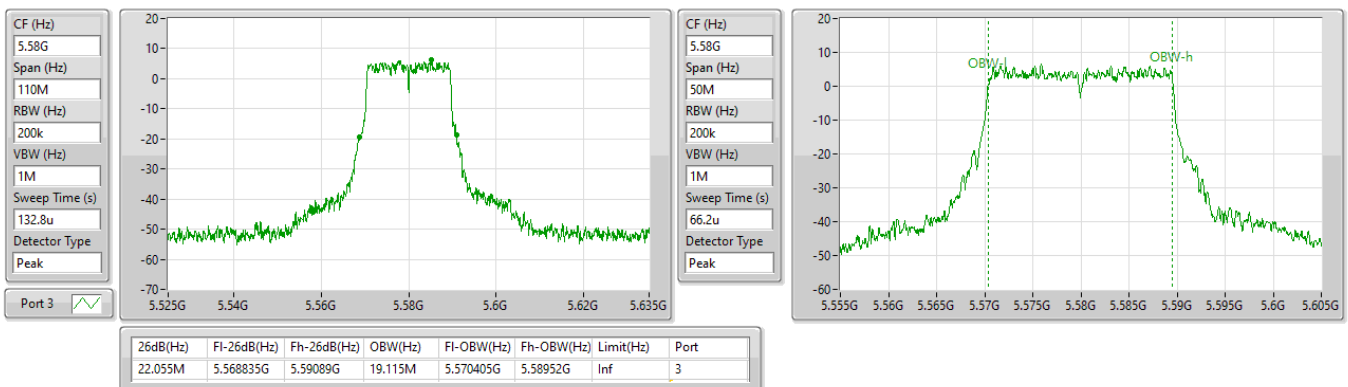


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5580MHz

18/06/2025

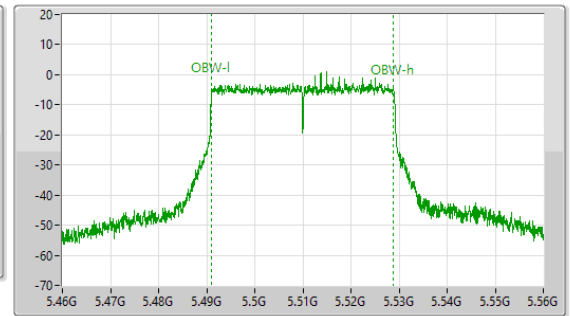
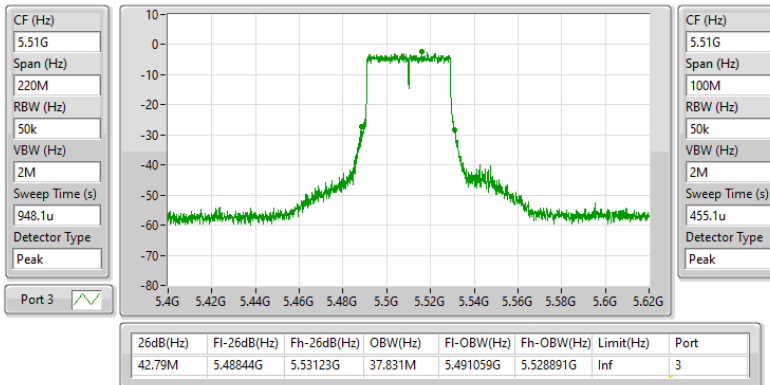


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5510MHz

18/06/2025

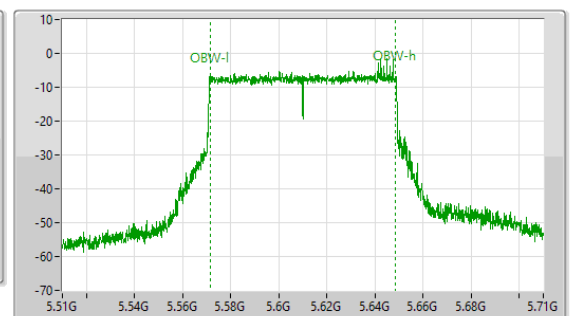
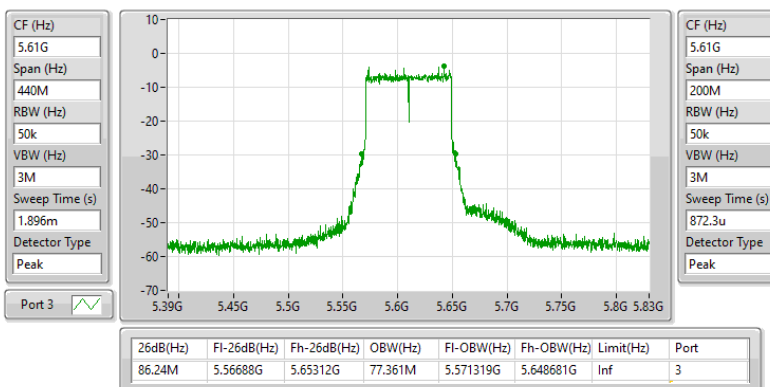


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5610MHz

18/06/2025

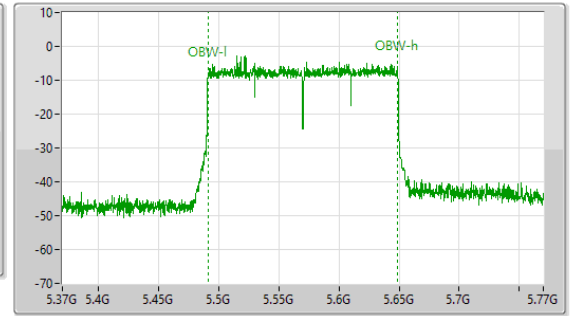
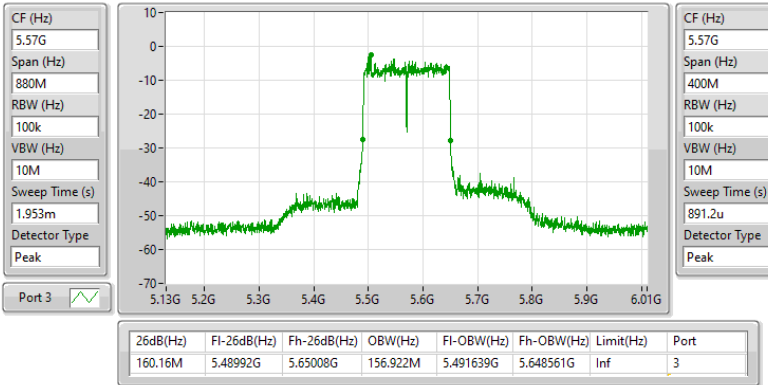


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

EBW

5570MHz

18/06/2025

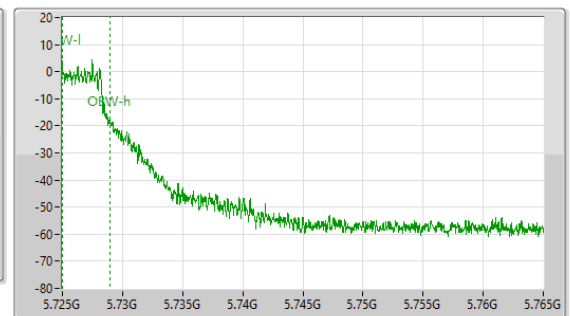
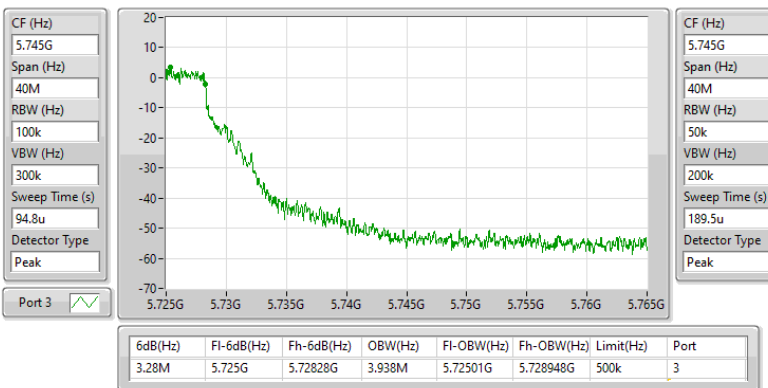


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

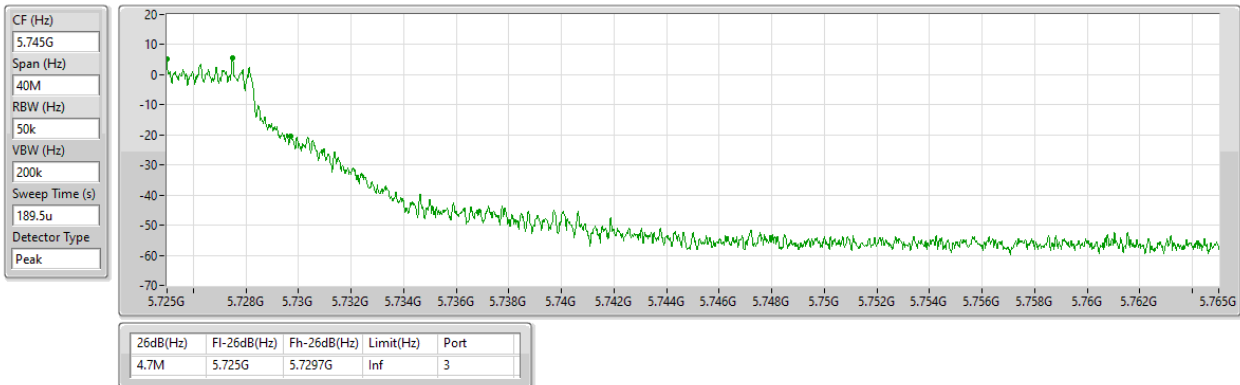


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

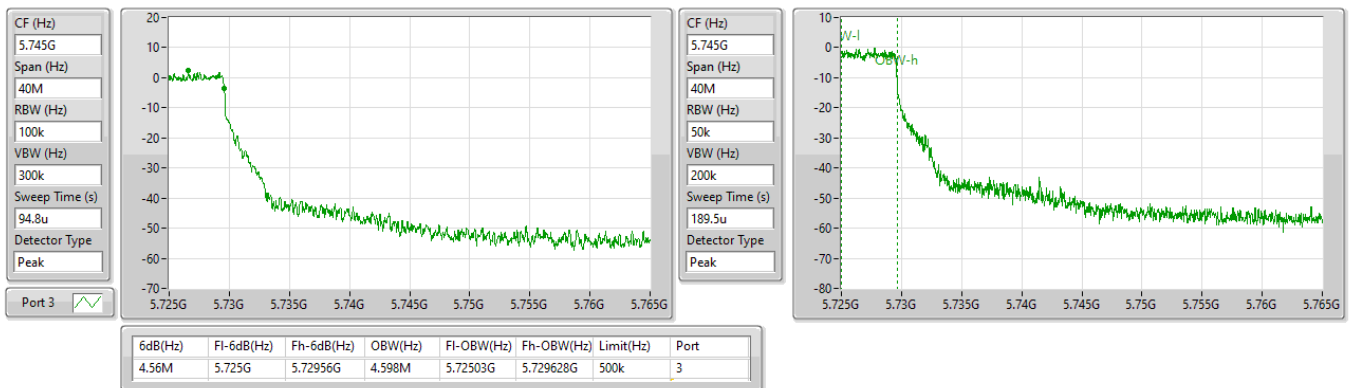


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

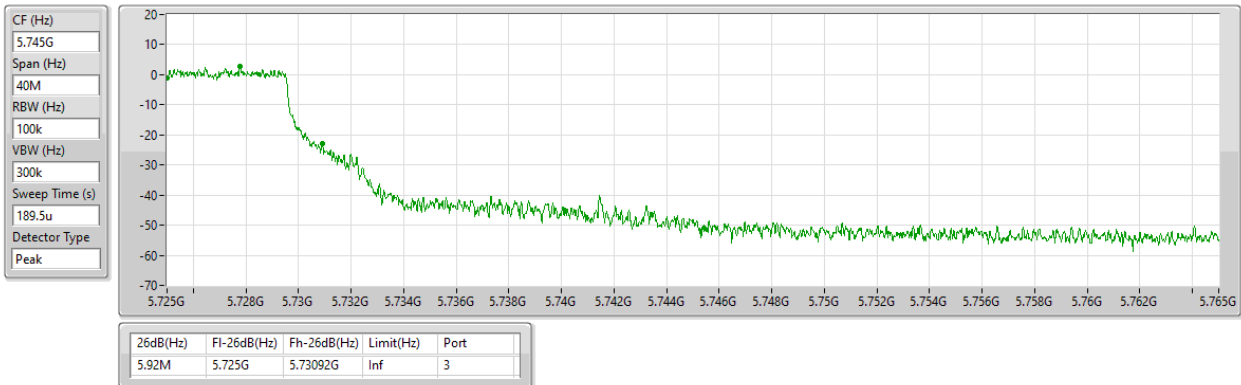


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

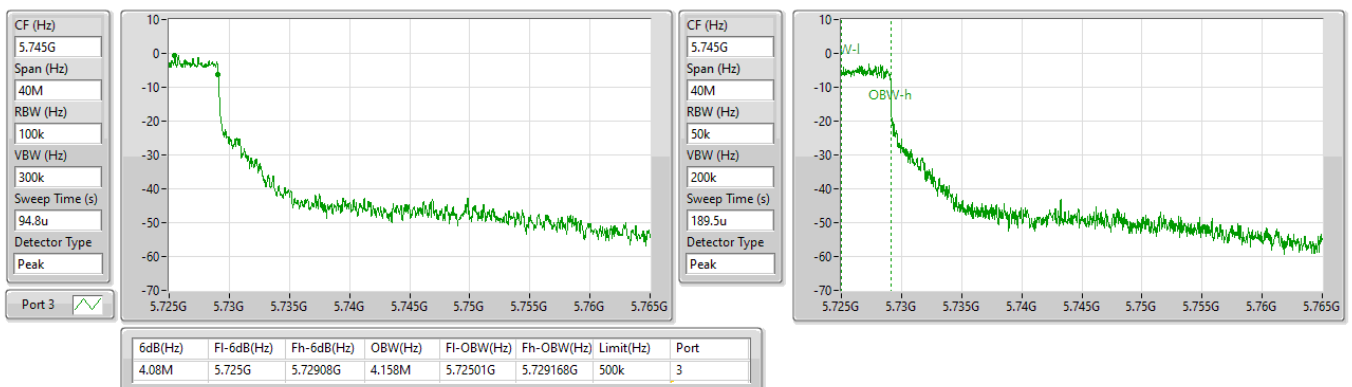


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

18/06/2025

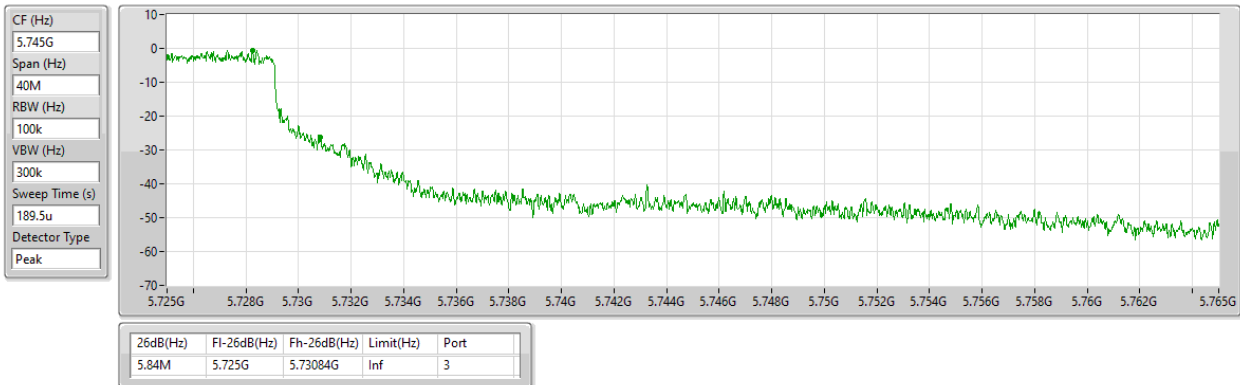


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

18/06/2025

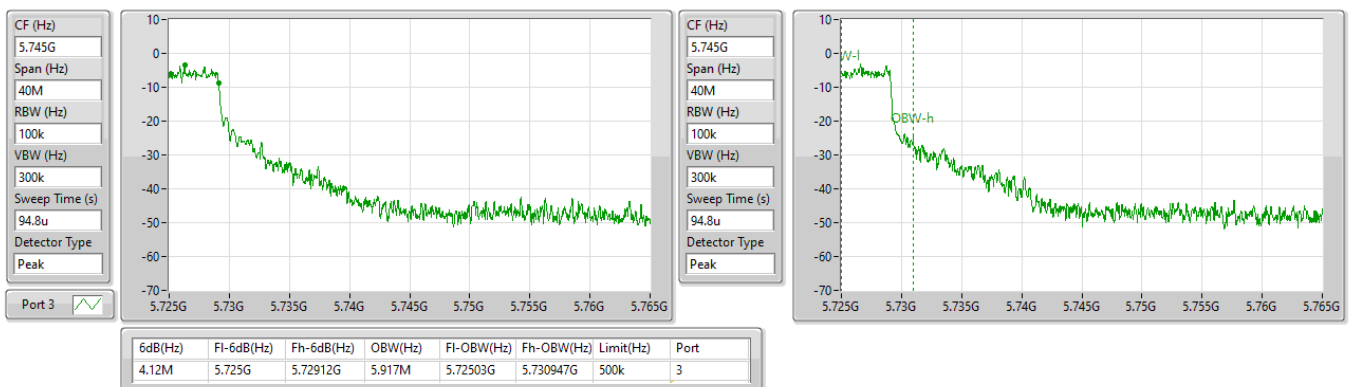


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

18/06/2025



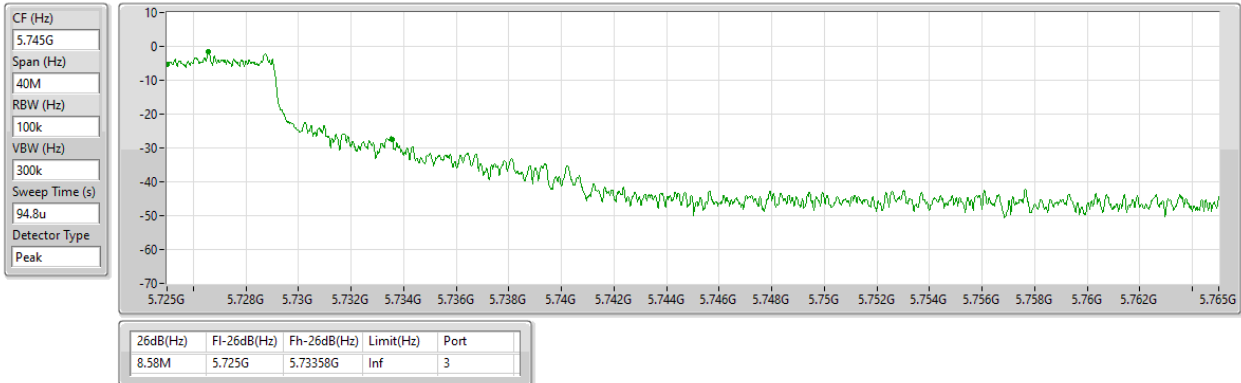


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

18/06/2025





EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_2T1S_Full RU

Appendix B.2

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(Port1&Port3)	22M	16.756M	16M8D1D	15.315M	13.298M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	22.66M	19.065M	19M1D1D	15.6M	14.468M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	42.68M	37.931M	37M9D1D	35.105M	33.688M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	85.36M	77.661M	77M7D1D	77.175M	73.388M
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	162.8M	156.722M	157MD1D	161.04M	156.722M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	3.26M	4.358M	4M36D1D	3.26M	4.018M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	4.62M	4.658M	4M66D1D	4.56M	4.638M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	4.06M	4.158M	4M16D1D	4.06M	4.138M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	4.08M	6.797M	6M80D1D	4.06M	5.617M

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



EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_2T1S_Full RU

Appendix B.2

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	Inf	21.945M	16.668M	21.505M	16.756M
5580MHz	Pass	Inf	22M	16.69M	21.065M	16.58M
5700MHz	Pass	Inf	21.505M	16.734M	20.46M	16.624M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.315M	13.448M	15.93M	13.298M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	4.358M	3.26M	4.018M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	Inf	21.34M	19.065M	22.22M	18.966M
5580MHz	Pass	Inf	22.055M	19.015M	22.66M	19.015M
5700MHz	Pass	Inf	22.11M	19.015M	21.67M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.6M	14.483M	15.765M	14.468M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.62M	4.638M	4.56M	4.658M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5510MHz	Pass	Inf	41.36M	37.881M	40.59M	37.881M
5550MHz	Pass	Inf	42.68M	37.931M	42.02M	37.881M
5670MHz	Pass	Inf	40.48M	37.881M	42.68M	37.881M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.863M	35.105M	33.688M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.138M	4.06M	4.158M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5530MHz	Pass	Inf	84.92M	77.561M	84.04M	77.661M
5610MHz	Pass	Inf	85.36M	77.461M	83.38M	77.461M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.775M	73.388M	77.175M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	6.797M	4.08M	5.617M
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5570MHz	Pass	Inf	161.04M	156.722M	162.8M	156.722M

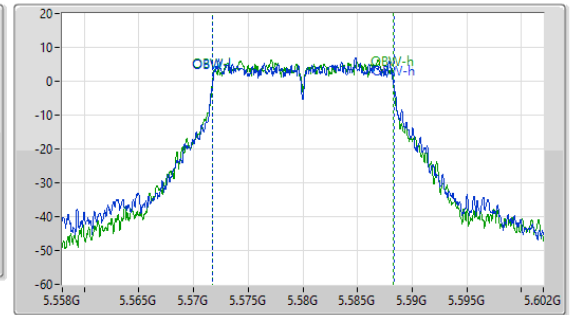
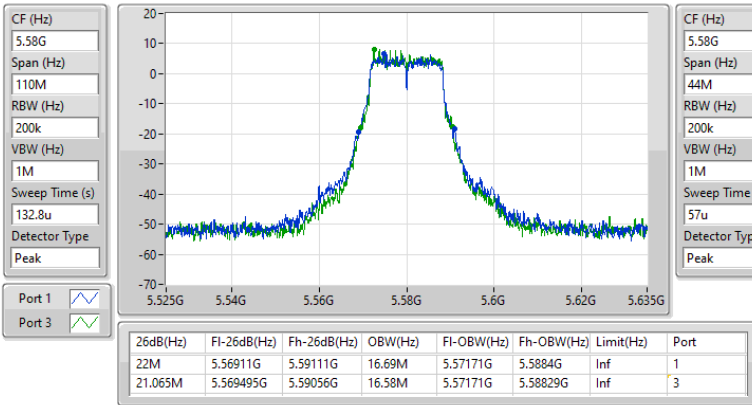
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

EBW

5580MHz

17/06/2025

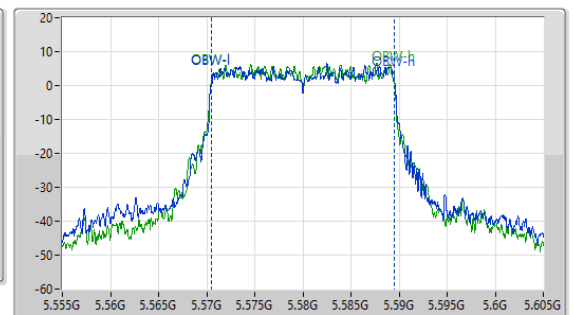
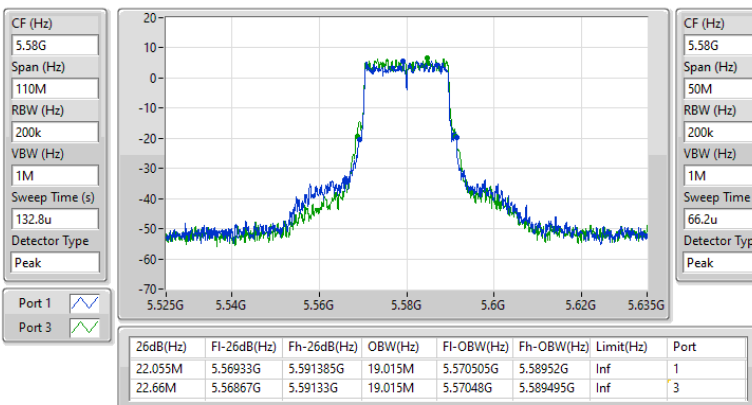


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5580MHz

17/06/2025

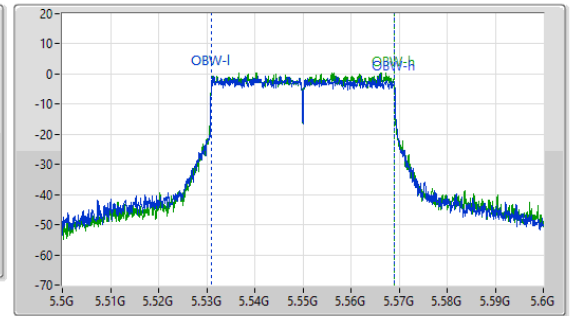
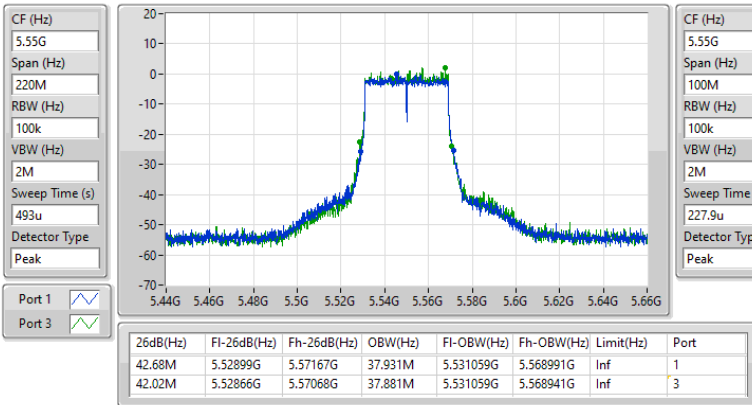


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5550MHz

17/06/2025

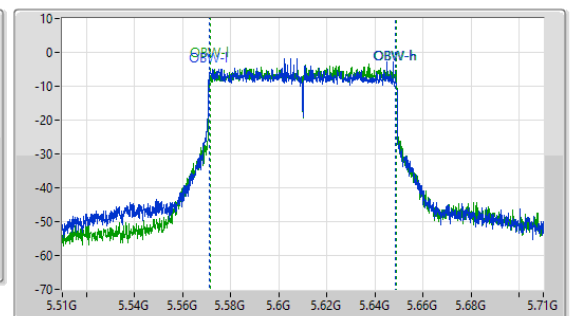
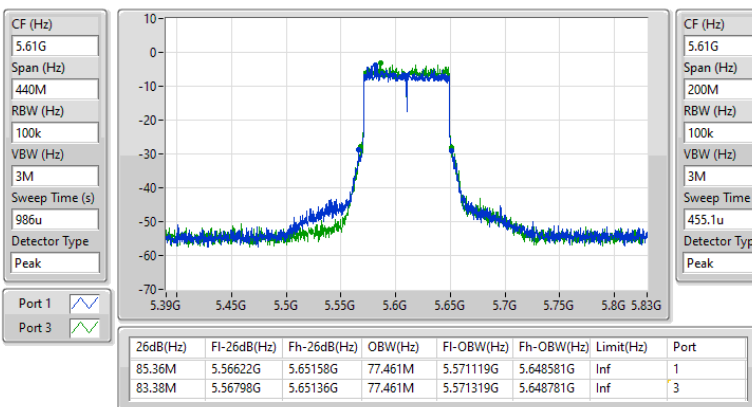


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5610MHz

17/06/2025

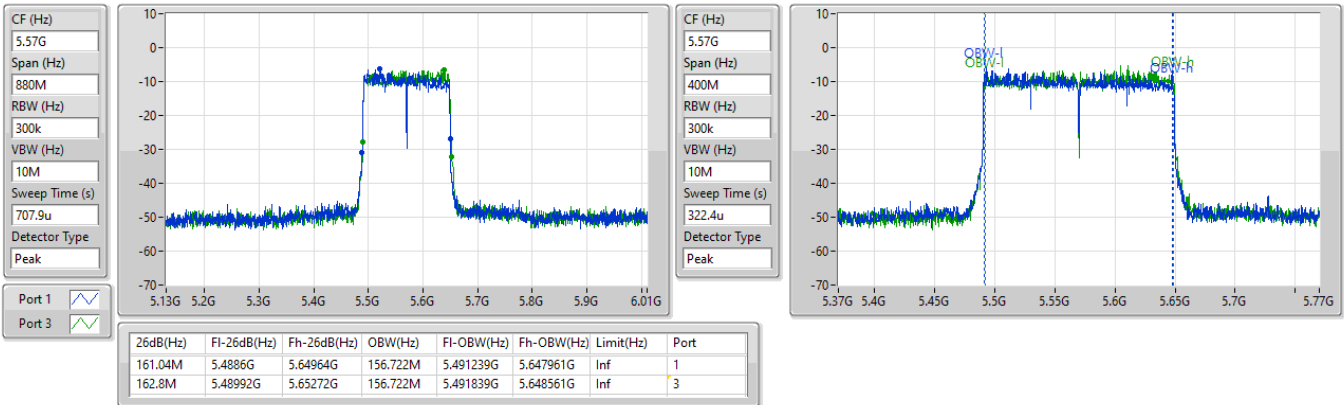


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5570MHz

17/06/2025

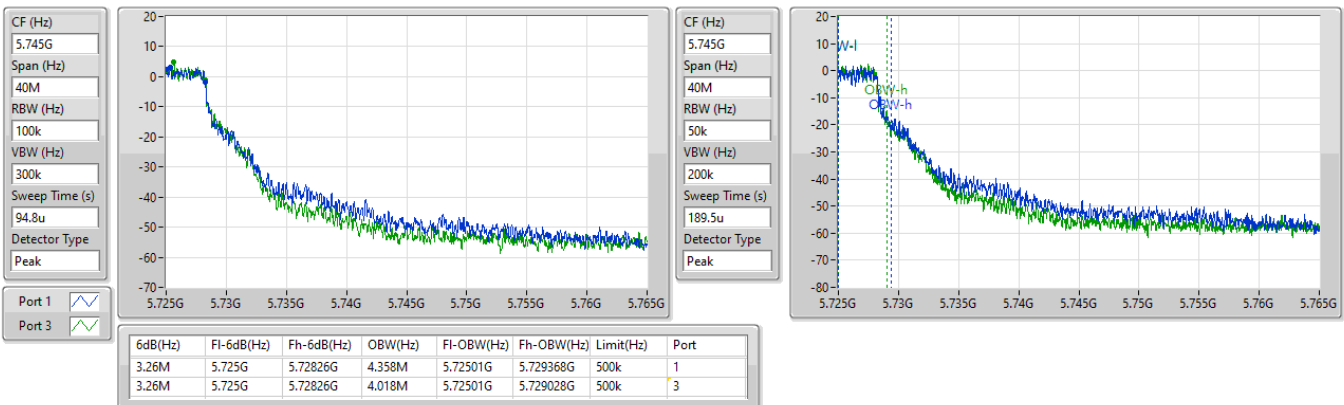


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2025

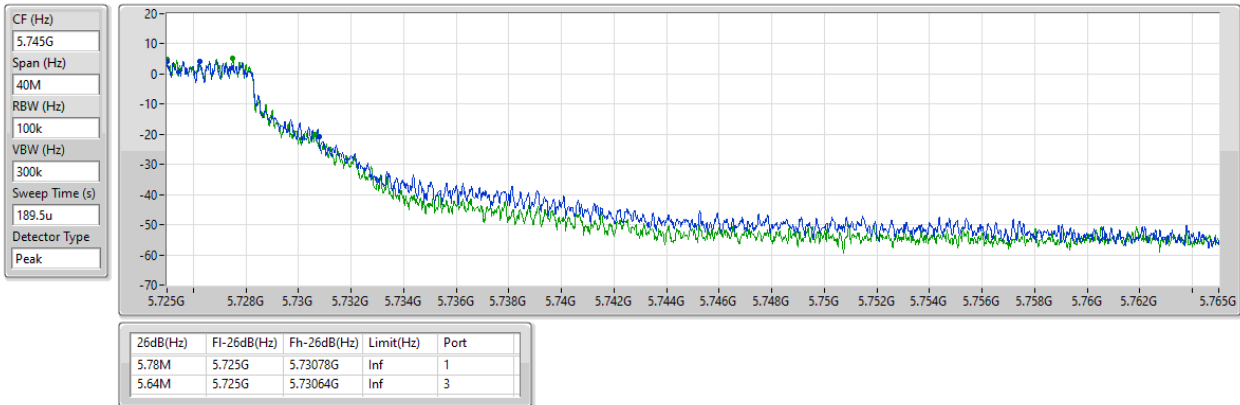


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2025

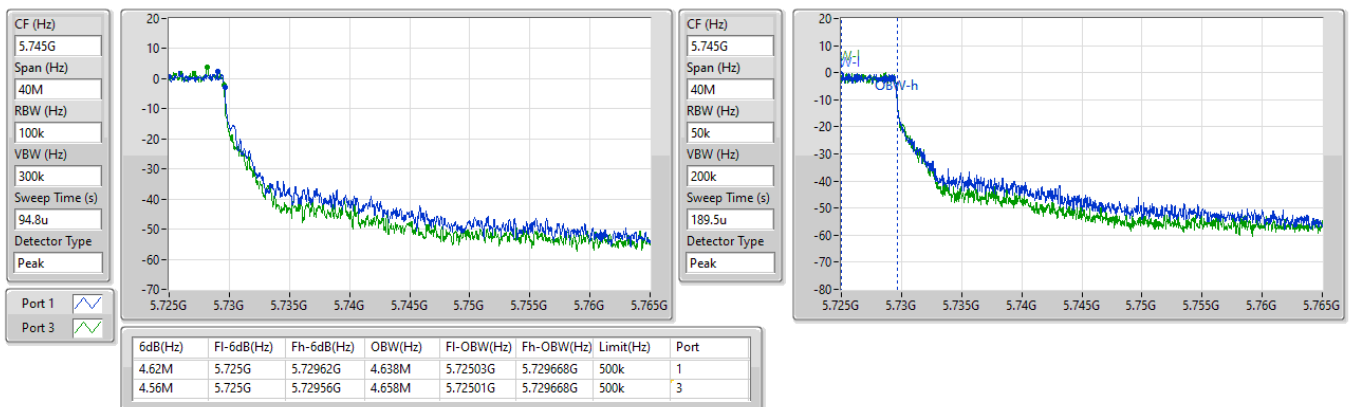


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2025

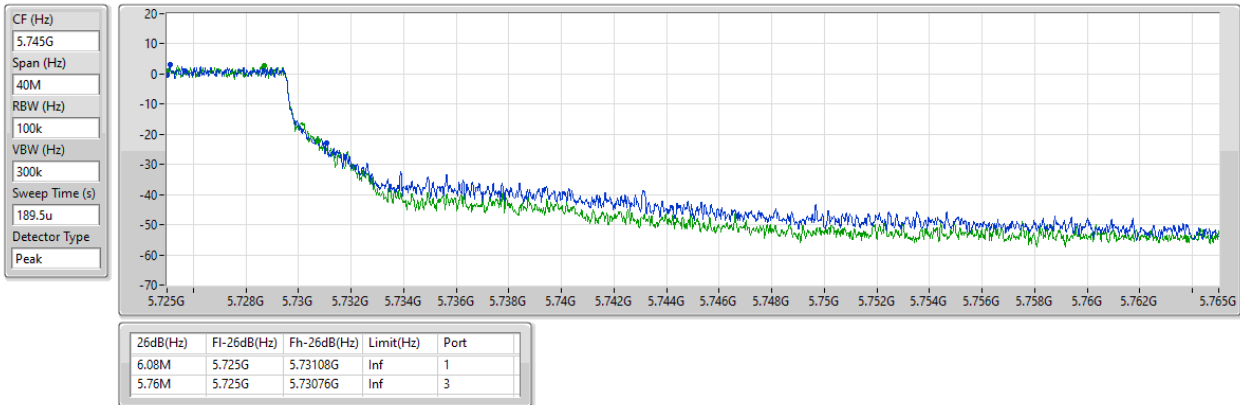


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2025

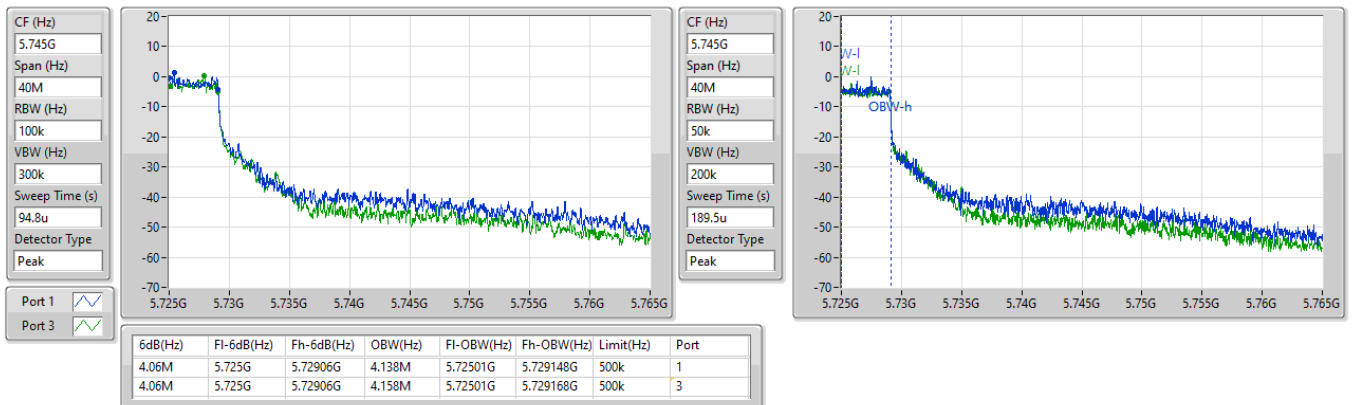


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

17/06/2025

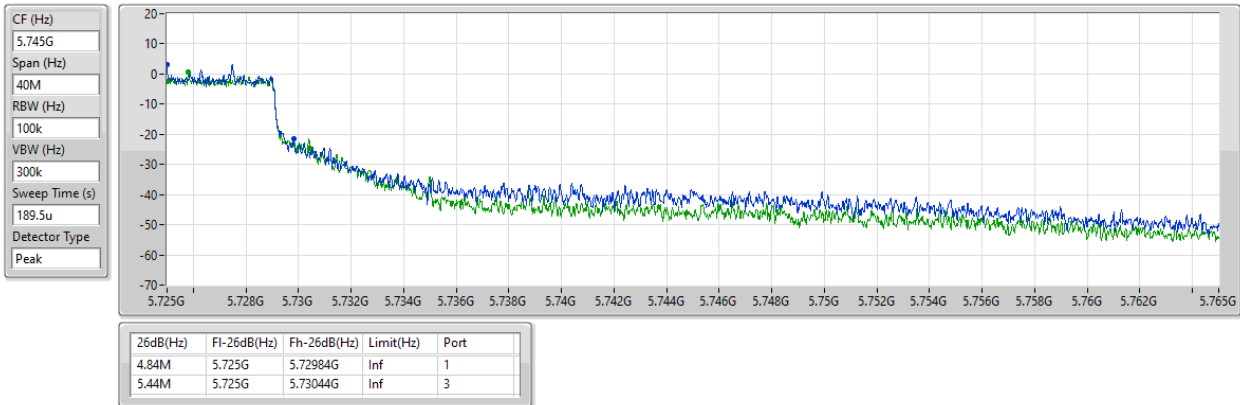


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

17/06/2025

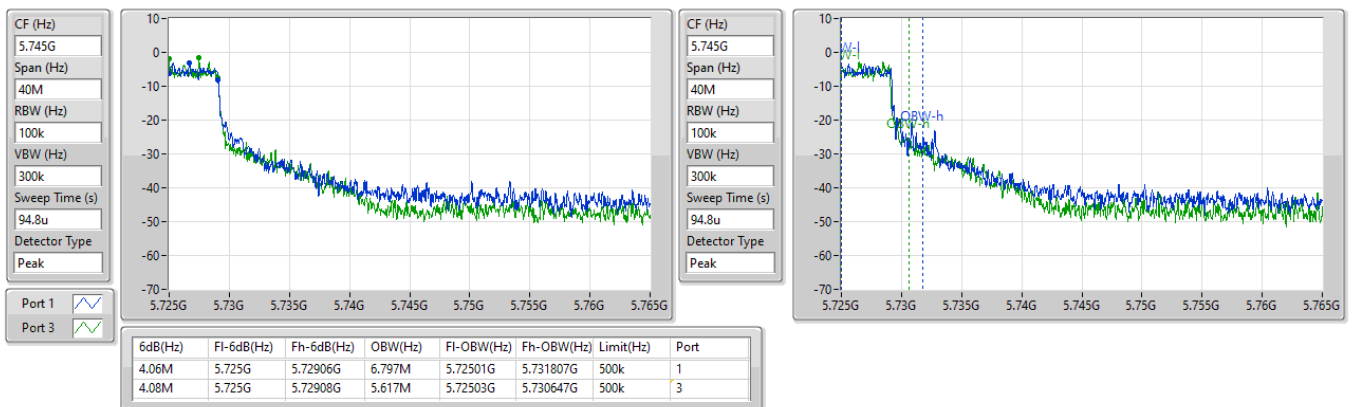


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

17/06/2025



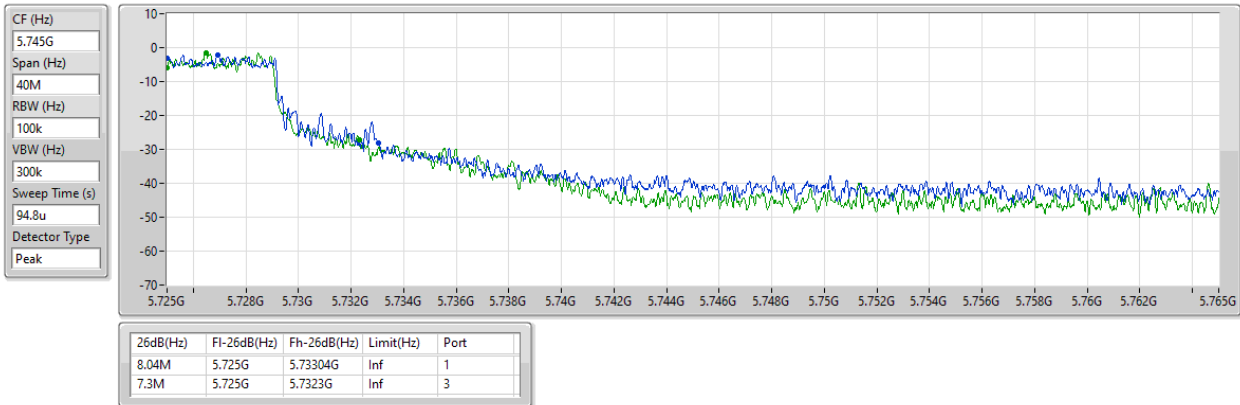


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

17/06/2025





EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_4T1S_Full RU

Appendix B.3

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	22.33M	16.8M	16M8D1D	15.81M	13.268M
802.11be EHT20_Nss1,(MCS0)_4TX	23.045M	19.19M	19M2D1D	15.69M	14.438M
802.11be EHT40_Nss1,(MCS0)_4TX	43.23M	38.031M	38M0D1D	34.825M	33.793M
802.11be EHT80_Nss1,(MCS0)_4TX	88.66M	77.561M	77M6D1D	77.55M	73.388M
802.11be EHT160_Nss1,(MCS0)_4TX	162.8M	156.922M	157MD1D	159.72M	156.522M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.26M	4.218M	4M22D1D	3.14M	3.998M
802.11be EHT20_Nss1,(MCS0)_4TX	4.62M	4.898M	4M90D1D	4.5M	4.578M
802.11be EHT40_Nss1,(MCS0)_4TX	4.1M	5.157M	5M16D1D	4.06M	4.238M
802.11be EHT80_Nss1,(MCS0)_4TX	4.1M	9.055M	9M06D1D	4.06M	5.897M

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



EBW_Non-Beamforming_ Radio 2_Downtilt Panel Omni_4T1S_Full RU

Appendix B.3

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	21.12M	16.734M	21.945M	16.536M	22.055M	16.712M	22.11M	16.536M
5580MHz	Pass	Inf	21.395M	16.58M	21.505M	16.712M	22.33M	16.668M	21.34M	16.8M
5700MHz	Pass	Inf	21.45M	16.756M	21.01M	16.646M	21.395M	16.492M	21.945M	16.558M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.87M	13.358M	15.81M	13.298M	16.035M	13.388M	16.125M	13.268M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	4.038M	3.26M	4.218M	3.16M	4.158M	3.14M	3.998M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	21.395M	19.015M	21.505M	19.14M	21.67M	18.966M	21.065M	18.966M
5580MHz	Pass	Inf	22.715M	19.04M	20.955M	18.966M	21.89M	19.19M	23.045M	18.991M
5700MHz	Pass	Inf	21.56M	19.065M	21.78M	19.015M	21.78M	18.966M	22.825M	18.941M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	14.438M	15.765M	14.468M	15.99M	14.498M	15.99M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.58M	4.658M	4.52M	4.598M	4.62M	4.578M	4.5M	4.898M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	41.03M	37.881M	41.36M	37.881M	40.92M	37.931M	41.69M	38.031M
5550MHz	Pass	Inf	40.81M	37.831M	42.79M	37.931M	40.59M	37.931M	43.23M	37.931M
5670MHz	Pass	Inf	40.59M	37.931M	40.59M	37.881M	41.58M	37.881M	41.03M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.863M	35.525M	33.863M	34.825M	33.793M	35.945M	33.793M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	4.258M	4.06M	4.238M	4.1M	4.358M	4.08M	5.157M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	84.48M	77.561M	86.24M	77.561M	83.6M	77.561M	83.16M	77.561M
5610MHz	Pass	Inf	85.8M	77.461M	84.04M	77.461M	88.66M	77.561M	86.46M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	78.9M	73.613M	78.225M	73.388M	77.55M	73.388M	79.8M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.06M	6.557M	4.06M	5.897M	4.08M	6.877M	4.1M	9.055M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	Inf	162.8M	156.922M	159.72M	156.722M	161.04M	156.922M	161.04M	156.522M

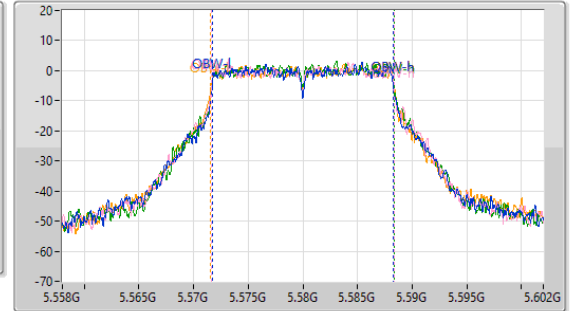
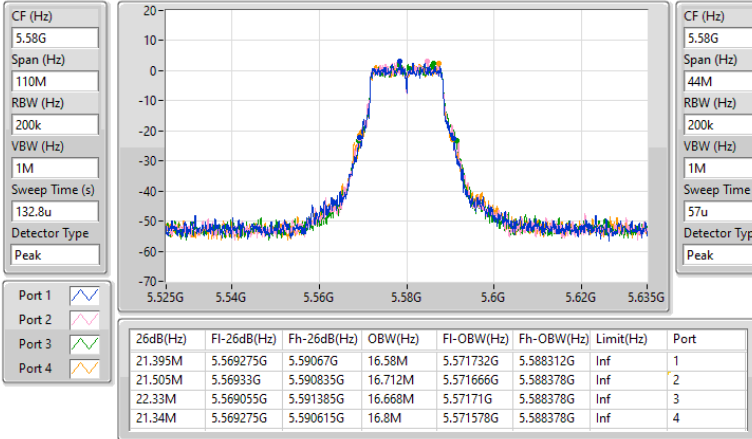
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5580MHz

17/06/2025

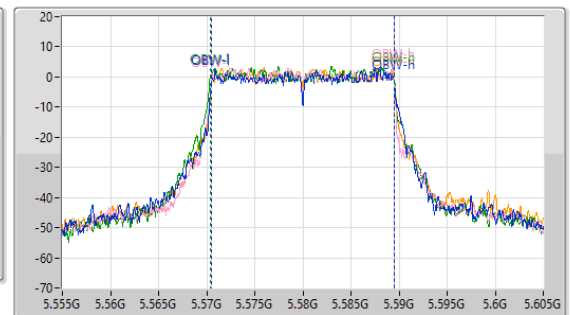
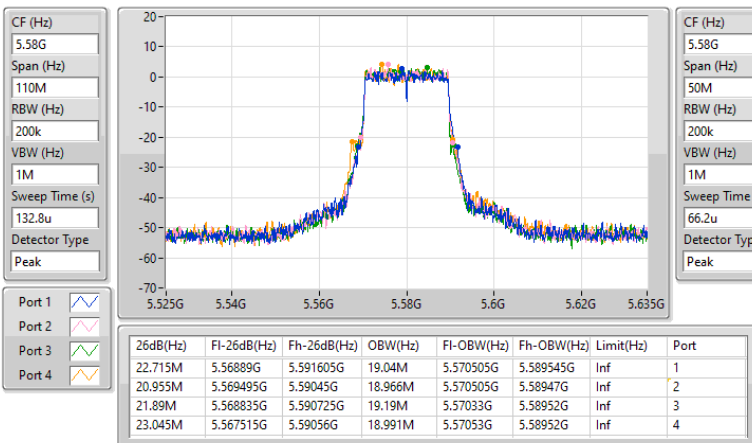


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5580MHz

17/06/2025

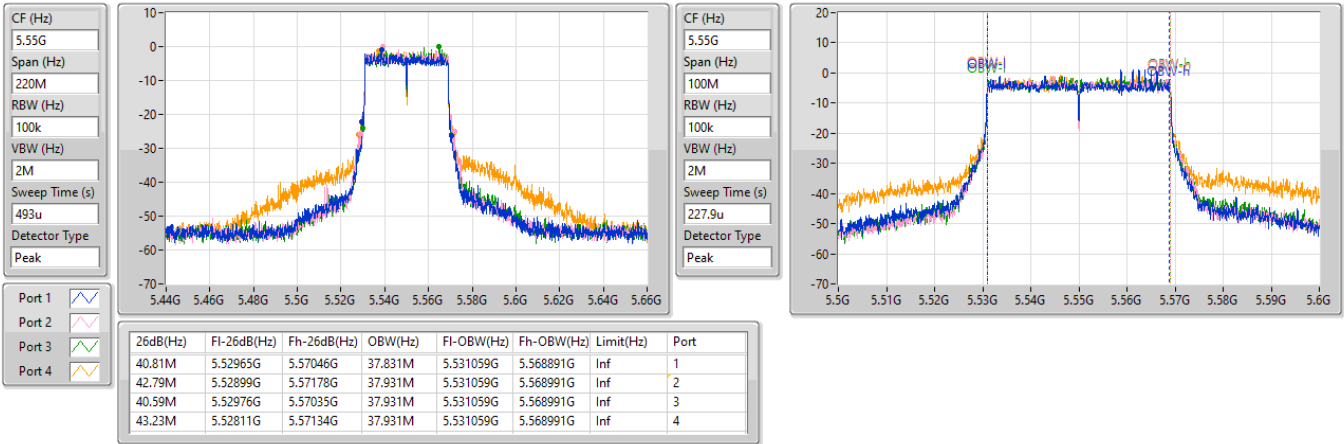


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5550MHz

17/06/2025

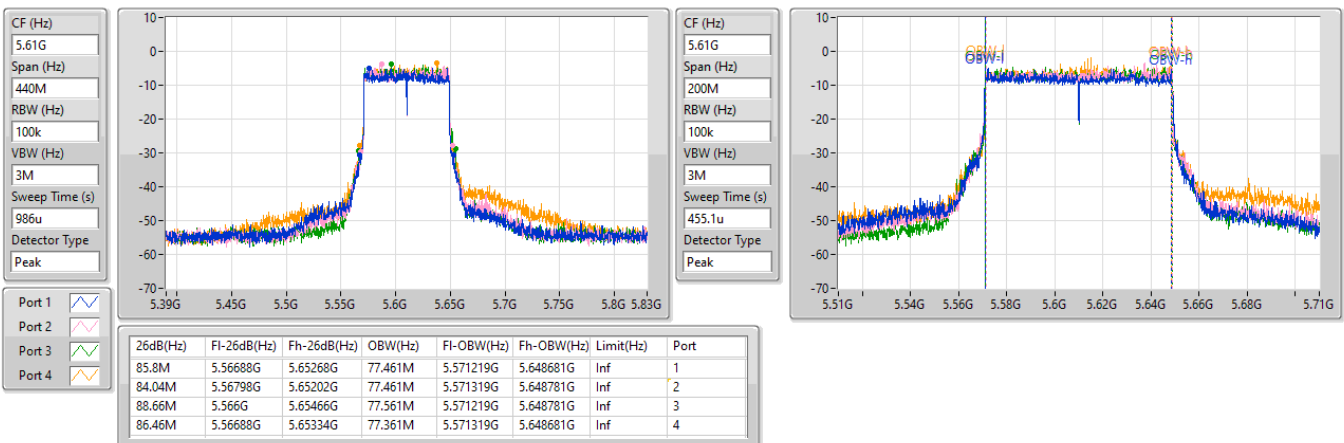


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

17/06/2025

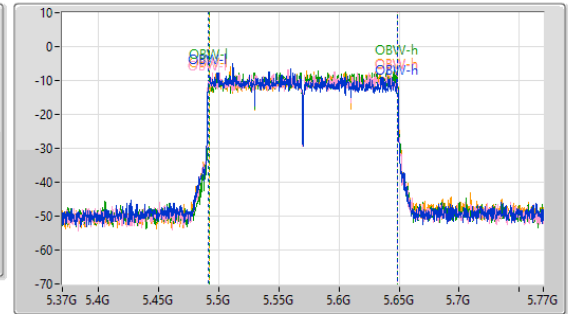
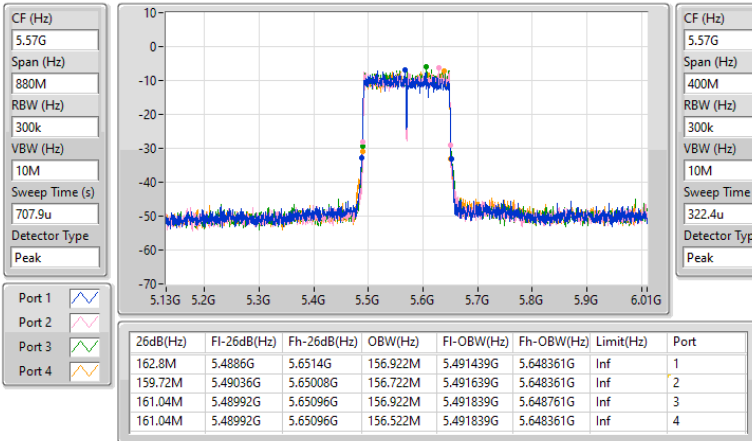


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

17/06/2025

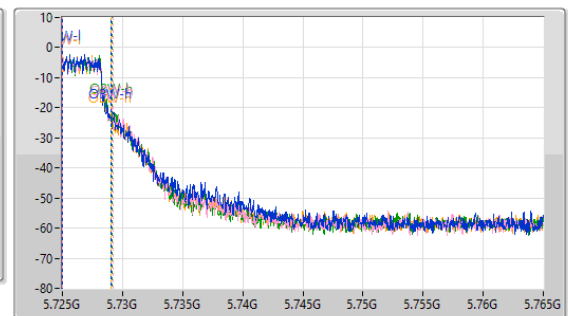
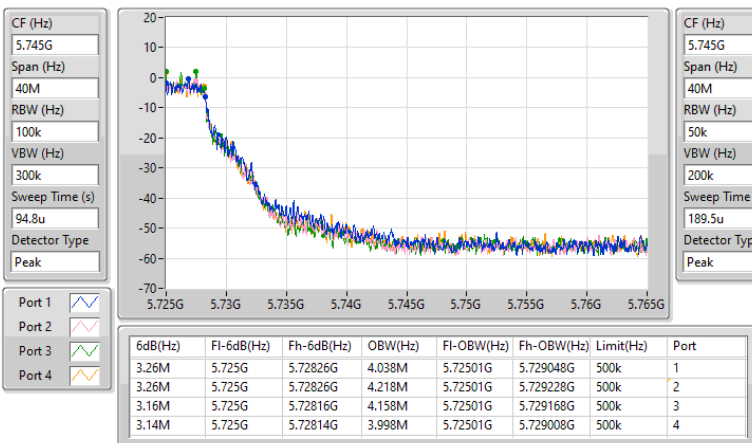


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2025

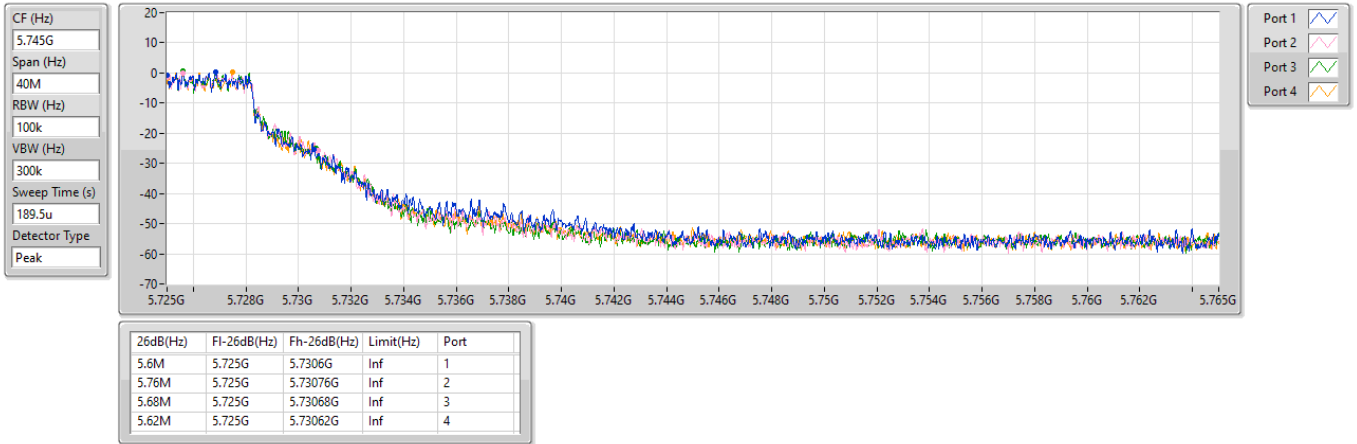


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2025

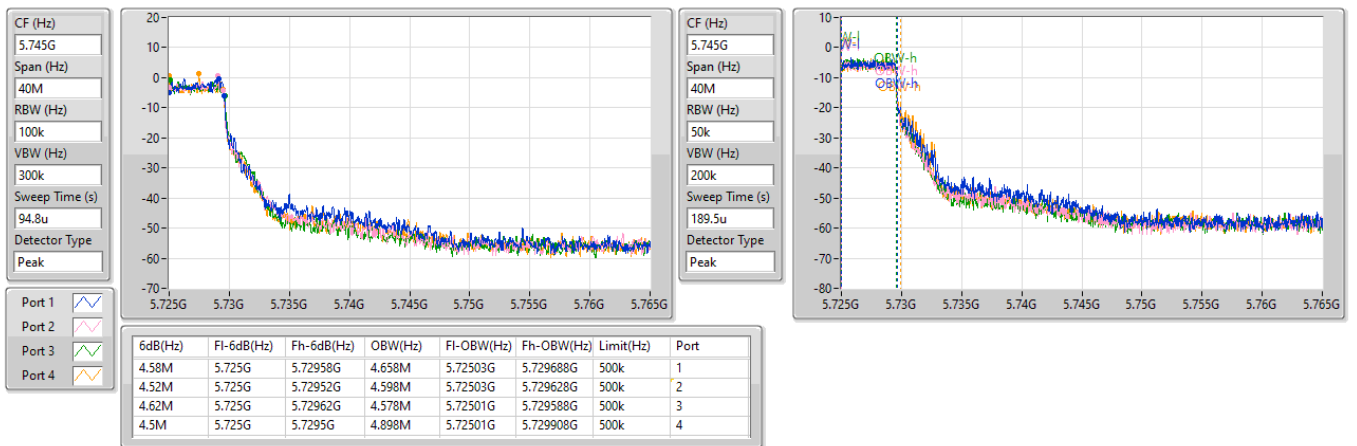


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2025

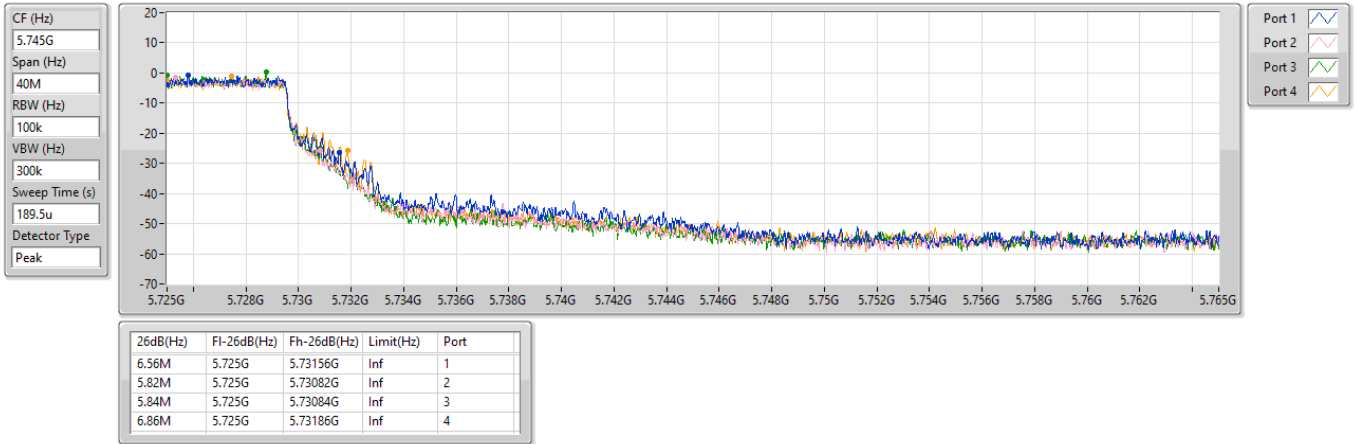


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

17/06/2025

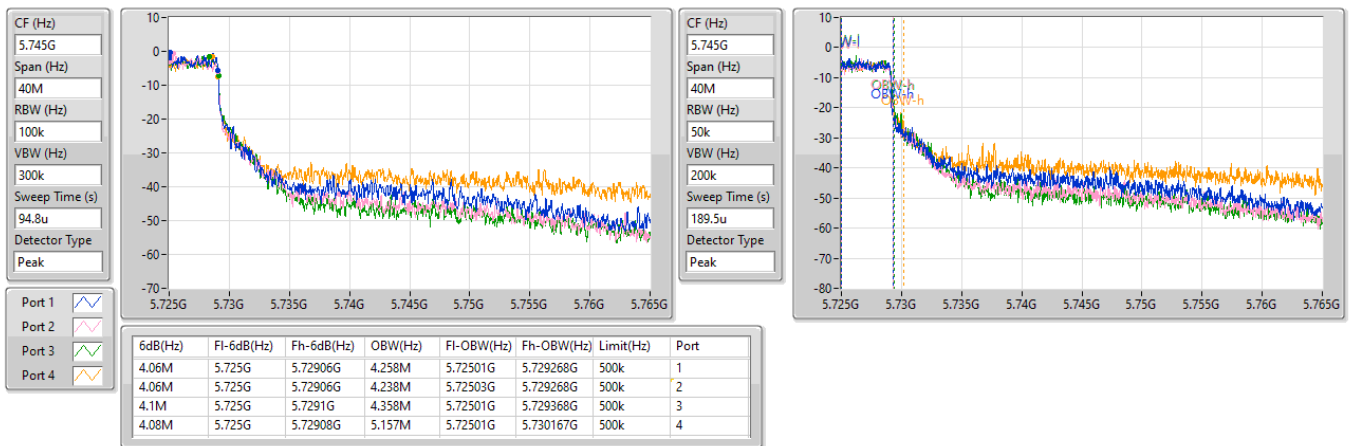


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

17/06/2025

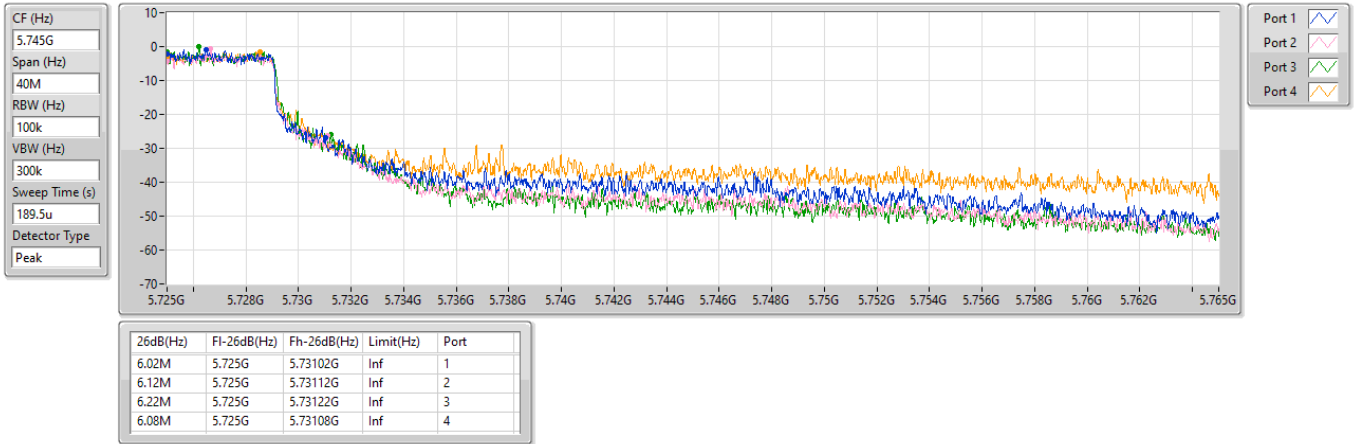


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

17/06/2025

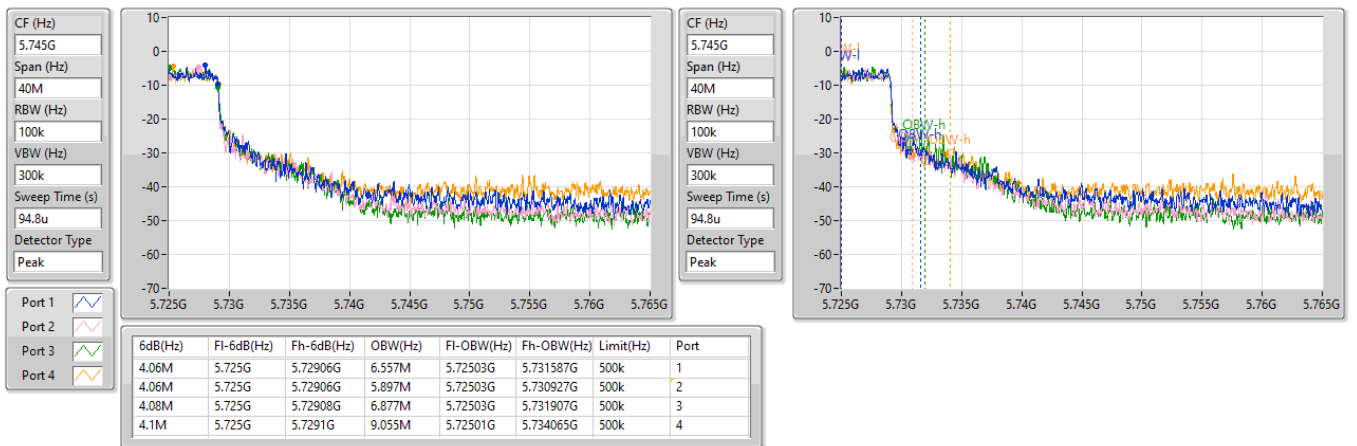


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

17/06/2025



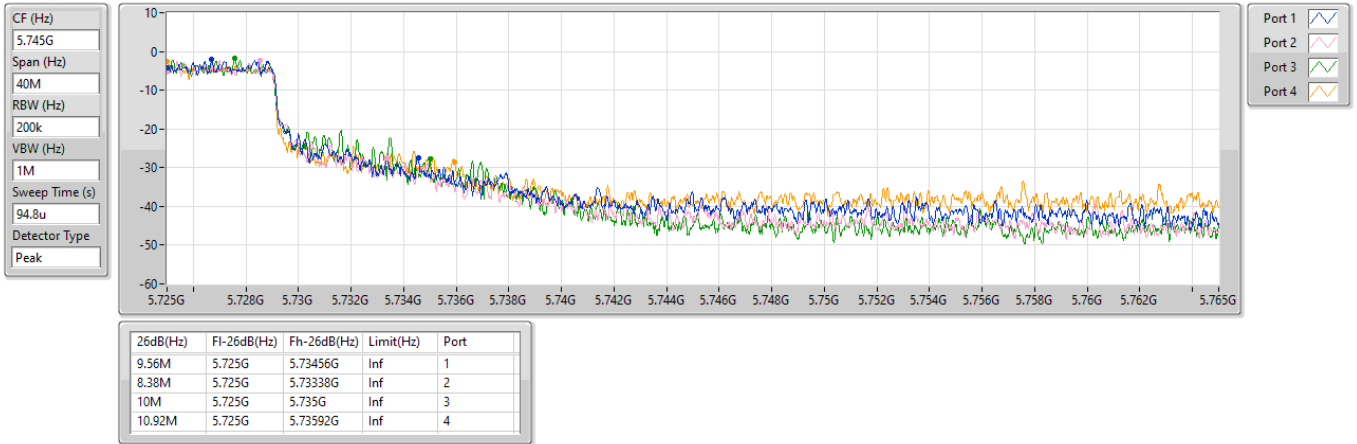


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

17/06/2025



**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(Port3)	21.725M	16.866M	16M9D1D	16.38M	13.328M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	21.615M	19.04M	19M0D1D	15.9M	14.453M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	42.9M	38.081M	38M1D1D	35.21M	33.828M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	82.94M	77.661M	77M7D1D	77.325M	73.463M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	164.12M	157.321M	157MD1D	164.12M	157.321M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	3.26M	4.158M	4M16D1D	3.26M	4.158M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	4.52M	4.578M	4M58D1D	4.52M	4.578M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	4.08M	4.258M	4M26D1D	4.08M	4.258M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	4.1M	5.177M	5M18D1D	4.1M	5.177M

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	20.68M	16.8M
5580MHz	Pass	Inf	21.725M	16.866M
5700MHz	Pass	Inf	21.23M	16.822M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.38M	13.328M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	4.158M
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5500MHz	Pass	Inf	21.615M	19.015M
5580MHz	Pass	Inf	21.285M	19.04M
5700MHz	Pass	Inf	21.23M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.9M	14.453M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	4.578M
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5510MHz	Pass	Inf	40.7M	38.081M
5550MHz	Pass	Inf	42.9M	37.931M
5670MHz	Pass	Inf	41.69M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.21M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.258M
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5530MHz	Pass	Inf	82.06M	77.661M
5610MHz	Pass	Inf	82.94M	77.661M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.325M	73.463M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	5.177M
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-
5570MHz	Pass	Inf	164.12M	157.321M

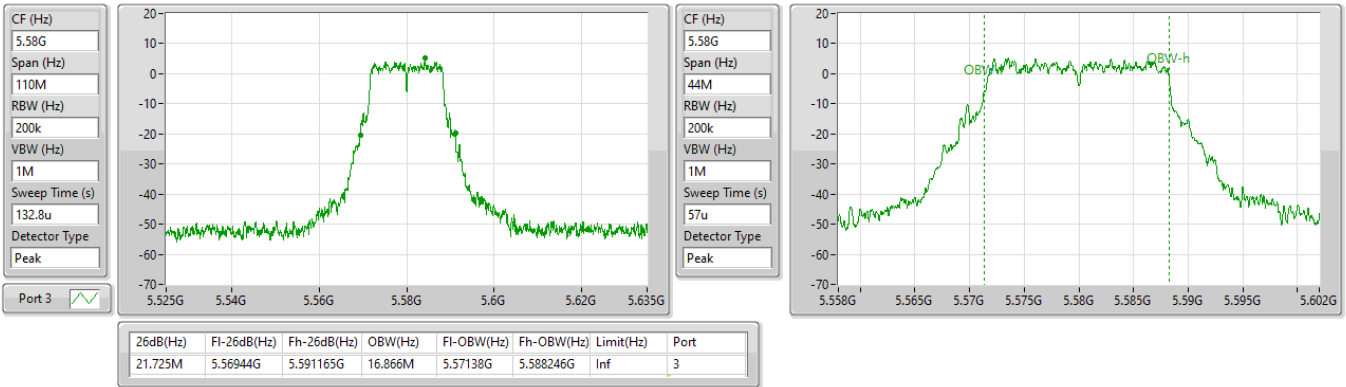
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5580MHz

16/06/2025

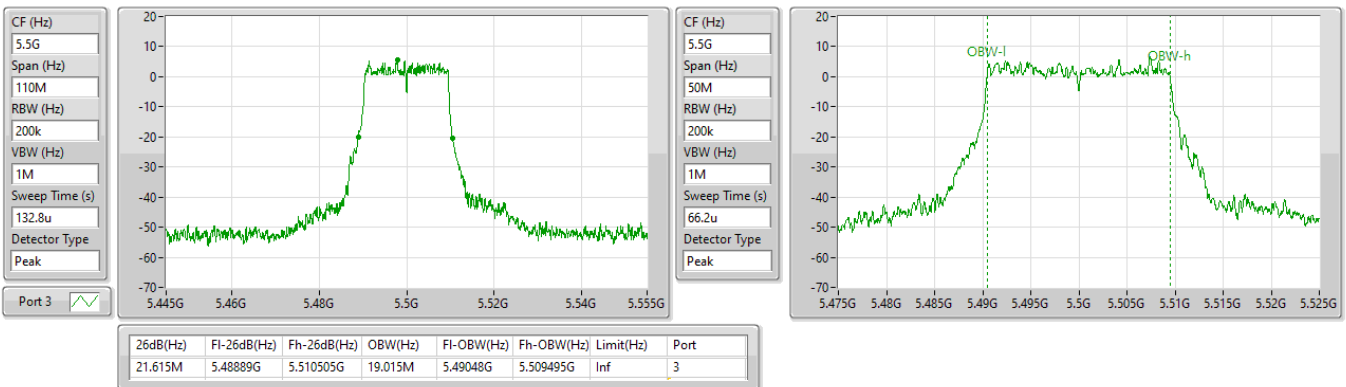


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5500MHz

16/06/2025

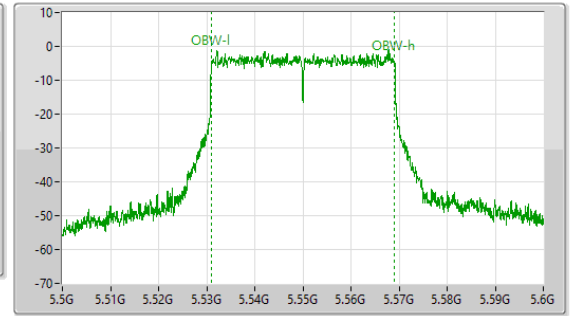
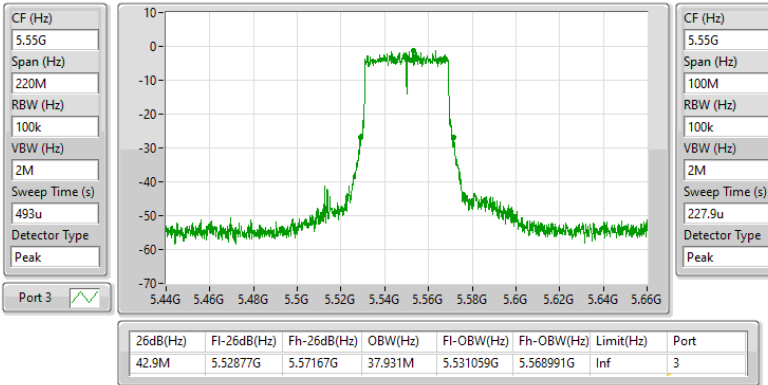


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5550MHz

16/06/2025

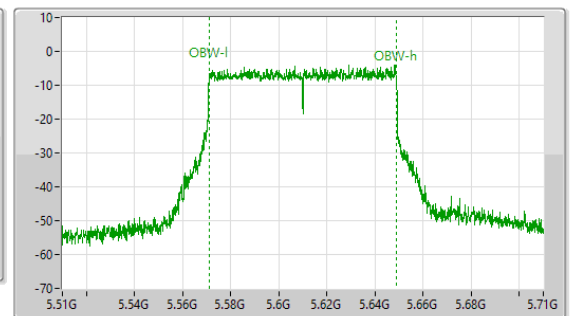
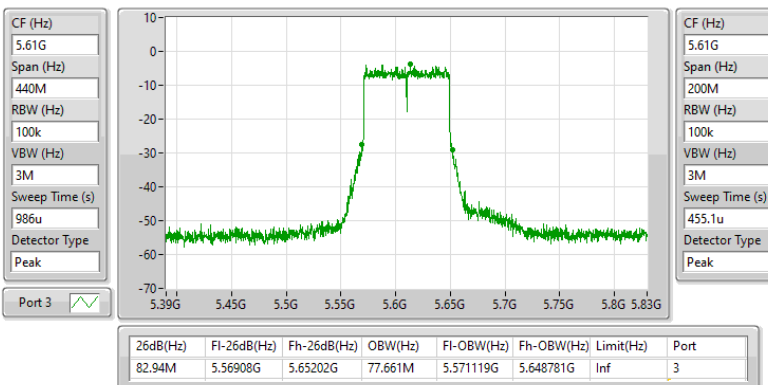


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5610MHz

16/06/2025

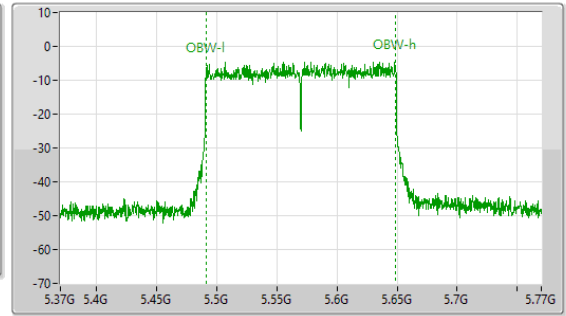
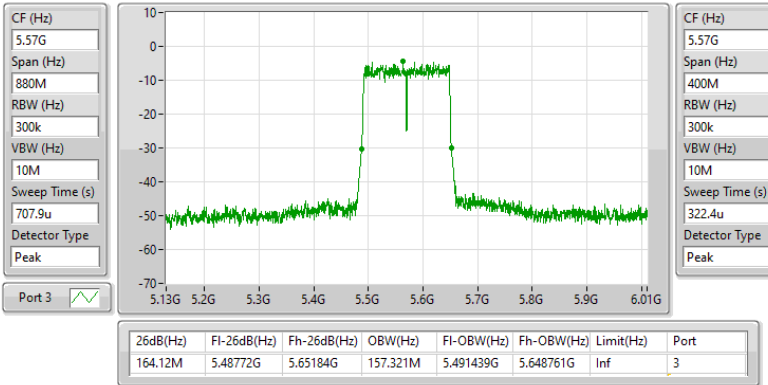


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_1TX(Port3)

EBW

5570MHz

16/06/2025

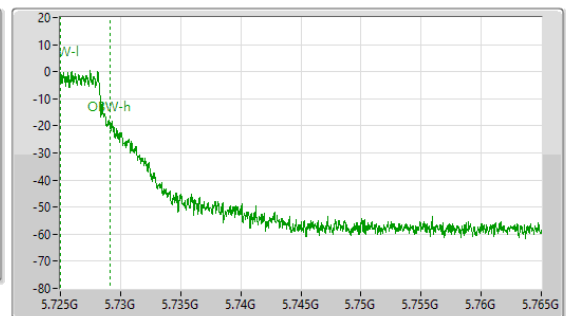
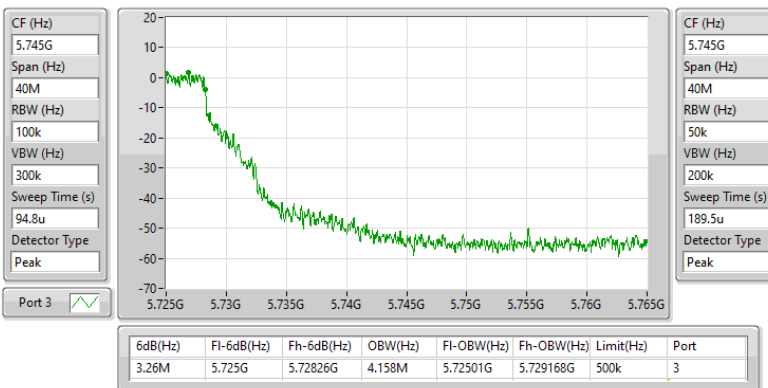


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

16/06/2025

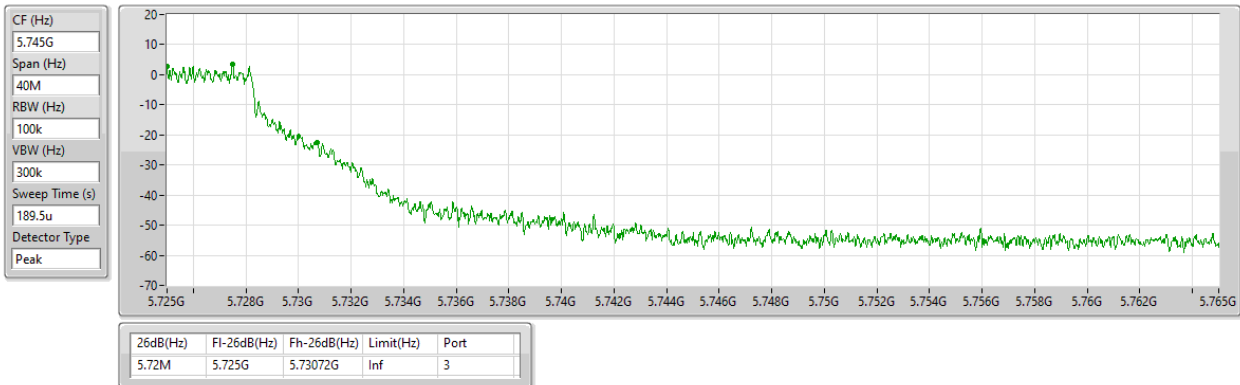


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

16/06/2025

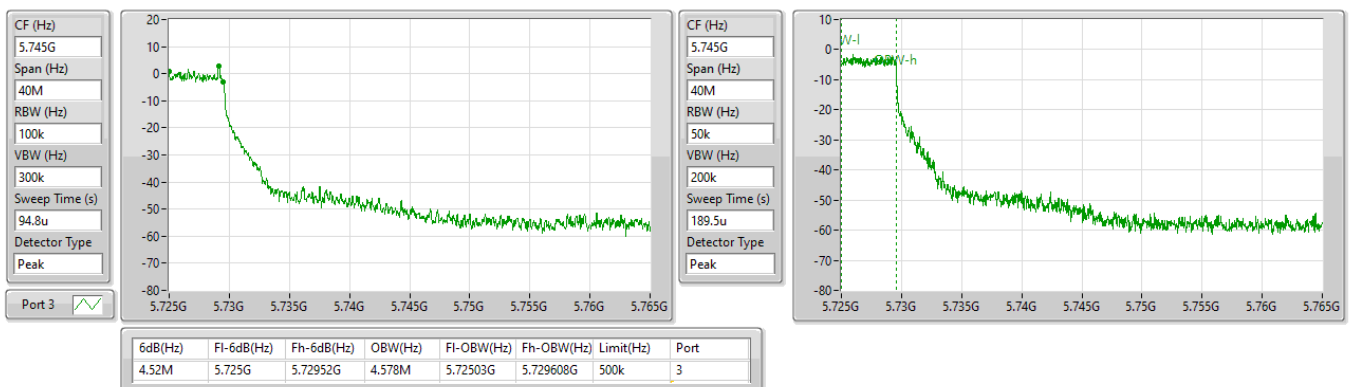


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

16/06/2025

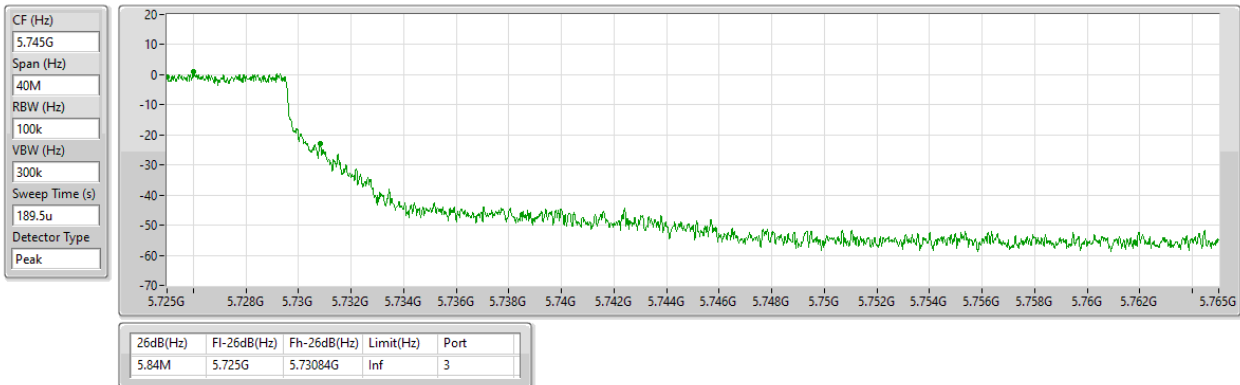


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

16/06/2025

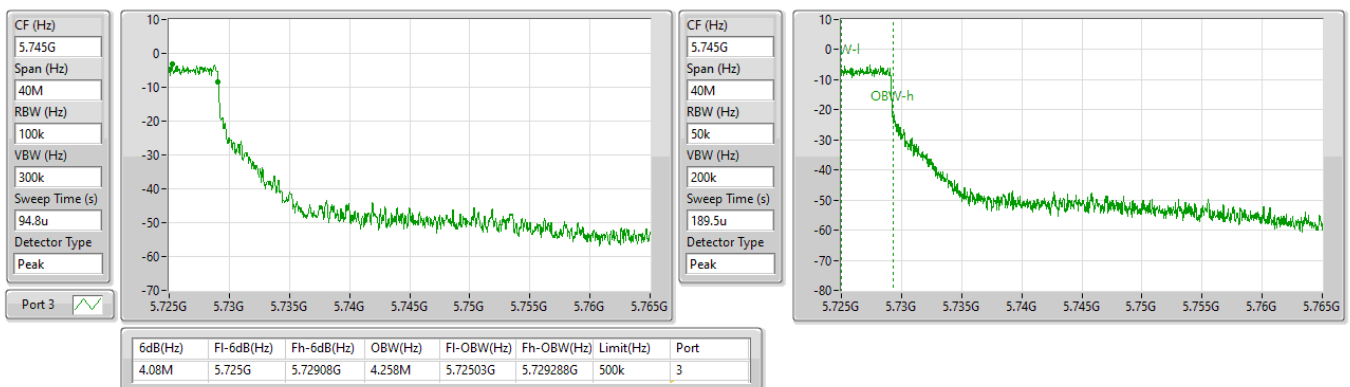


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

16/06/2025

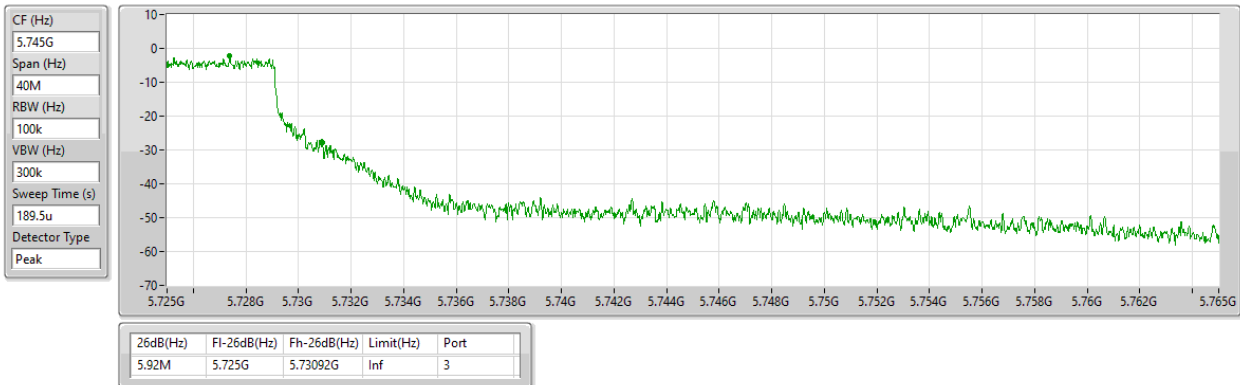


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

16/06/2025

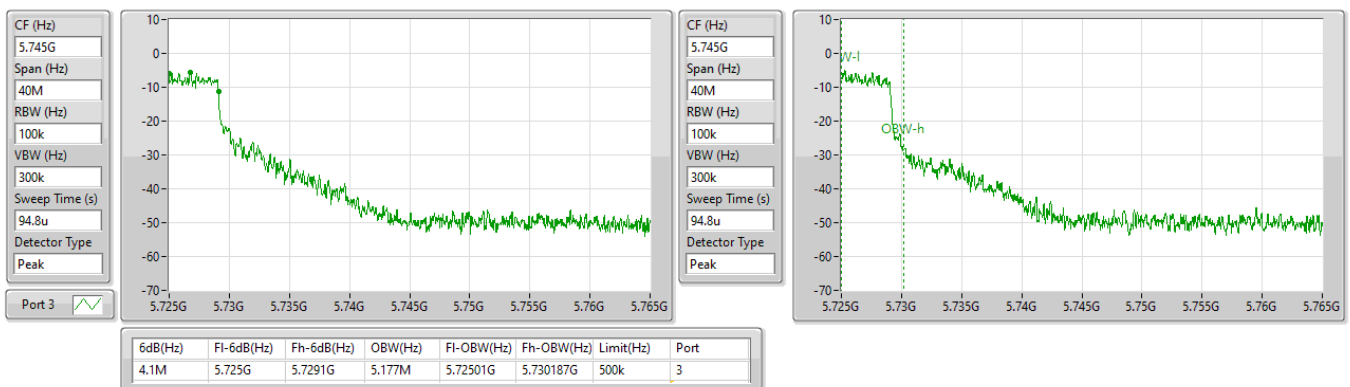


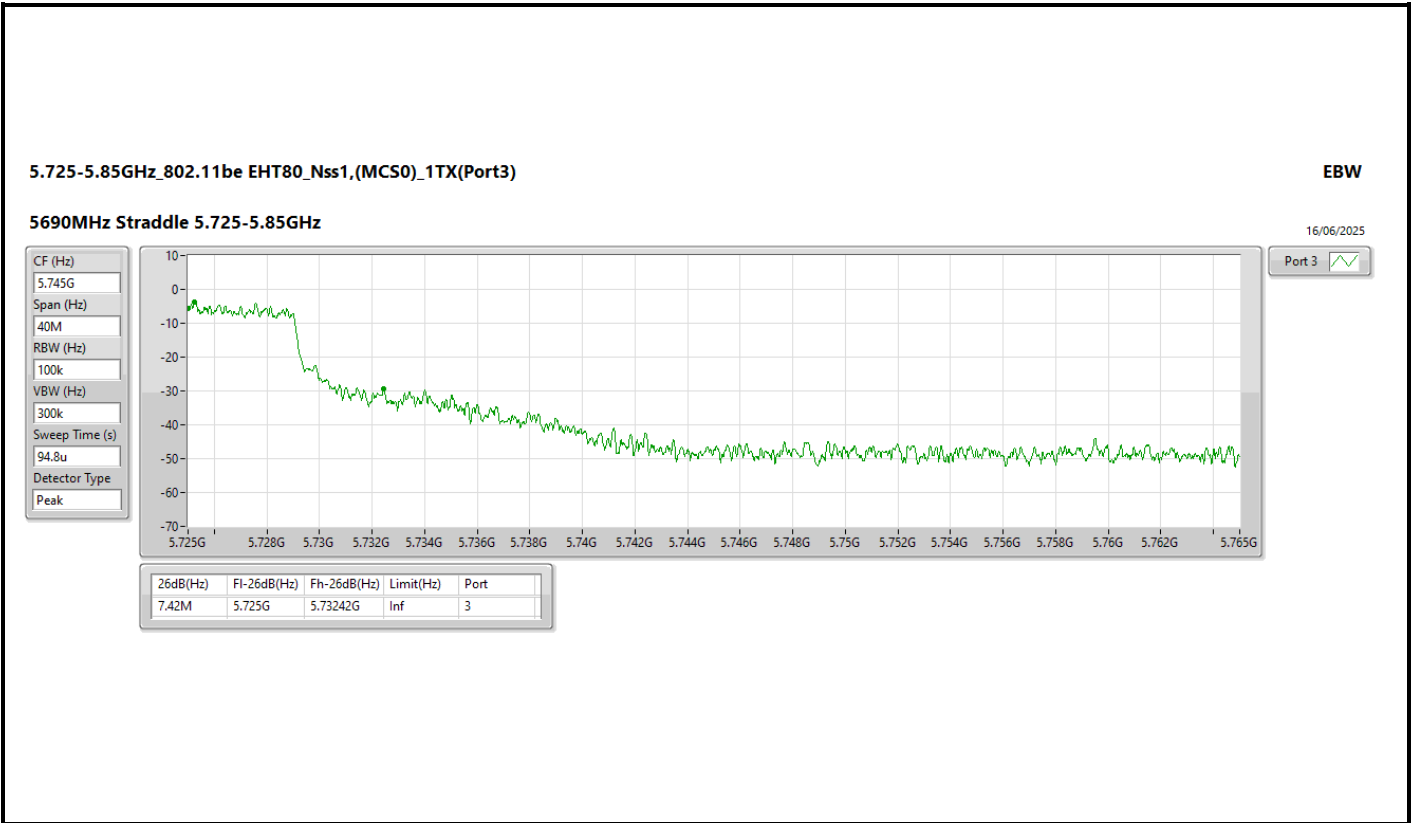
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

16/06/2025





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(Port1&Port3)	23.045M	16.866M	16M9D1D	15.69M	13.268M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	22.33M	19.09M	19M1D1D	15.6M	14.453M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	43.67M	37.981M	38M0D1D	35.35M	33.723M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	87.12M	77.661M	77M7D1D	77.4M	73.388M
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	161.48M	156.922M	157MD1D	160.6M	156.122M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	3.26M	4.318M	4M32D1D	3.24M	4.298M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	4.56M	4.578M	4M58D1D	4.54M	4.558M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	4.1M	4.318M	4M32D1D	4.1M	4.198M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	4.1M	5.797M	5M80D1D	4.04M	5.457M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	Inf	21.945M	16.624M	21.175M	16.866M
5580MHz	Pass	Inf	21.505M	16.69M	21.615M	16.712M
5700MHz	Pass	Inf	21.56M	16.668M	23.045M	16.536M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	13.268M	16.32M	13.298M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.24M	4.298M	3.26M	4.318M
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	Inf	21.065M	19.015M	22.11M	19.09M
5580MHz	Pass	Inf	22.33M	19.015M	21.175M	19.065M
5700MHz	Pass	Inf	22.165M	19.04M	20.845M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.32M	14.453M	15.6M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.56M	4.558M	4.54M	4.578M
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5510MHz	Pass	Inf	40.26M	37.981M	42.02M	37.881M
5550MHz	Pass	Inf	39.71M	37.881M	43.67M	37.931M
5670MHz	Pass	Inf	41.8M	37.881M	41.91M	37.981M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	33.898M	36.225M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.198M	4.1M	4.318M
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5530MHz	Pass	Inf	81.4M	77.661M	86.9M	77.561M
5610MHz	Pass	Inf	83.82M	77.461M	87.12M	77.561M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	77.4M	73.463M	78M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	5.457M	4.1M	5.797M
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5570MHz	Pass	Inf	160.6M	156.922M	161.48M	156.122M

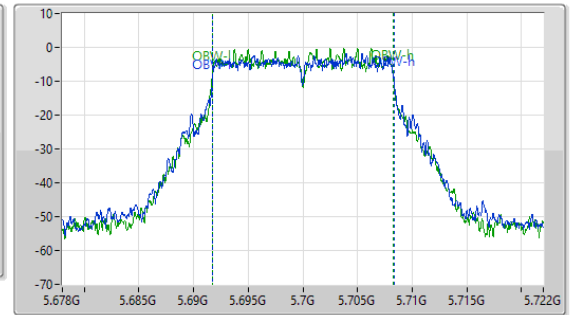
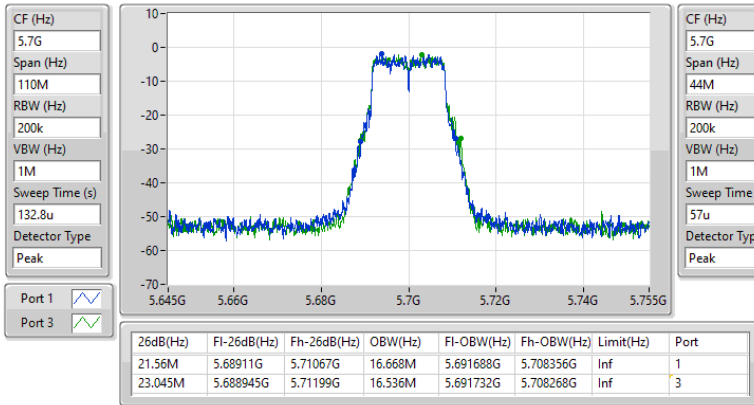
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

EBW

5700MHz

14/06/2025

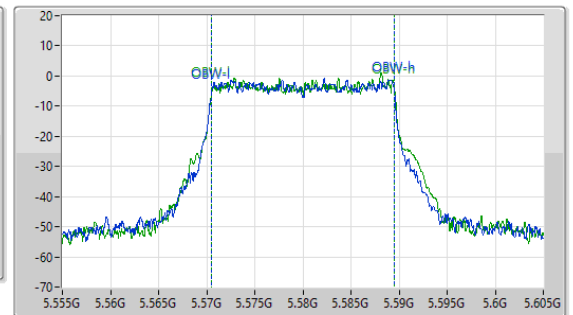
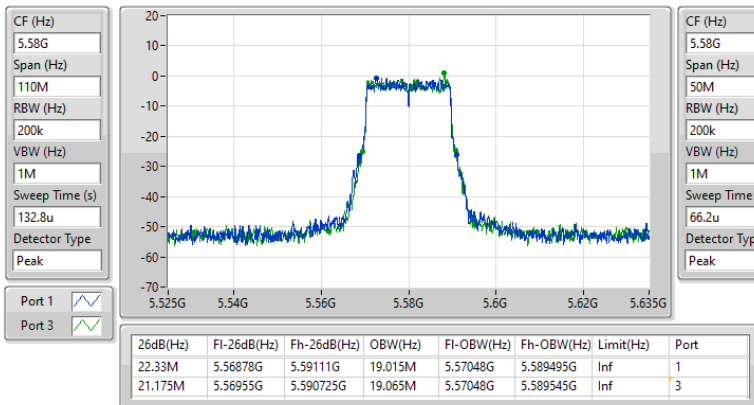


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5580MHz

14/06/2025

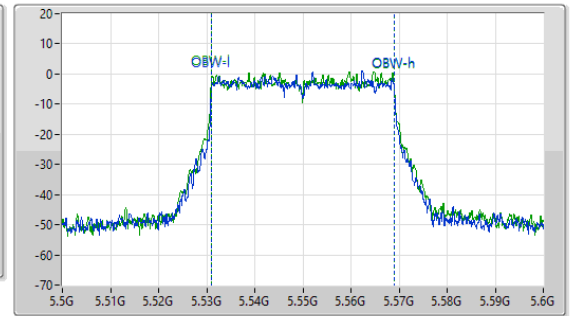
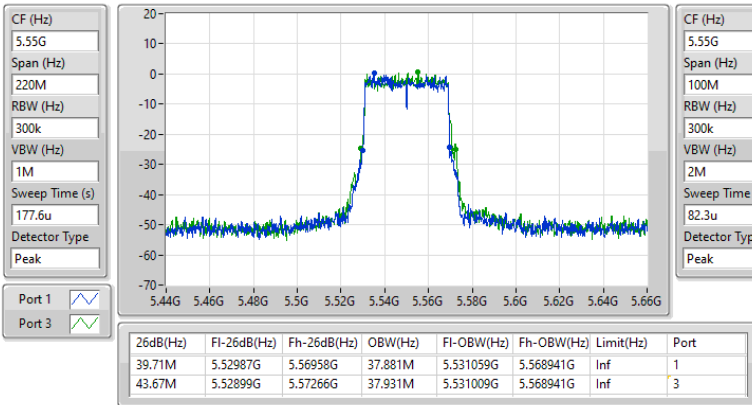


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5550MHz

14/06/2025

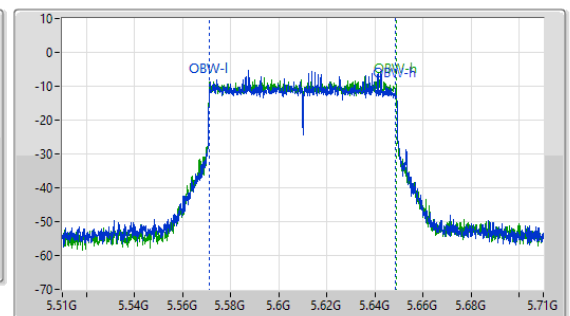
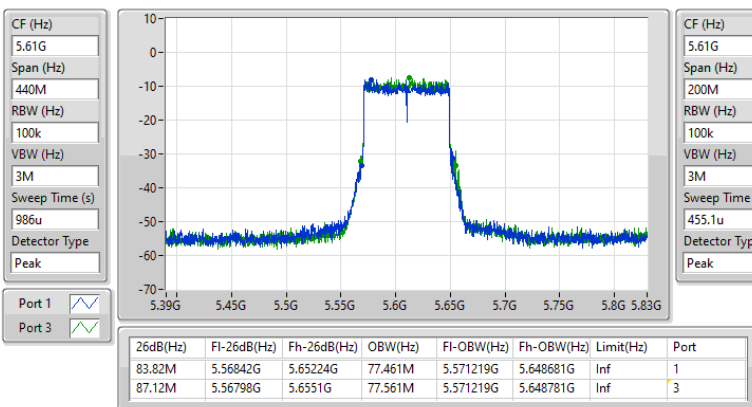


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5610MHz

14/06/2025

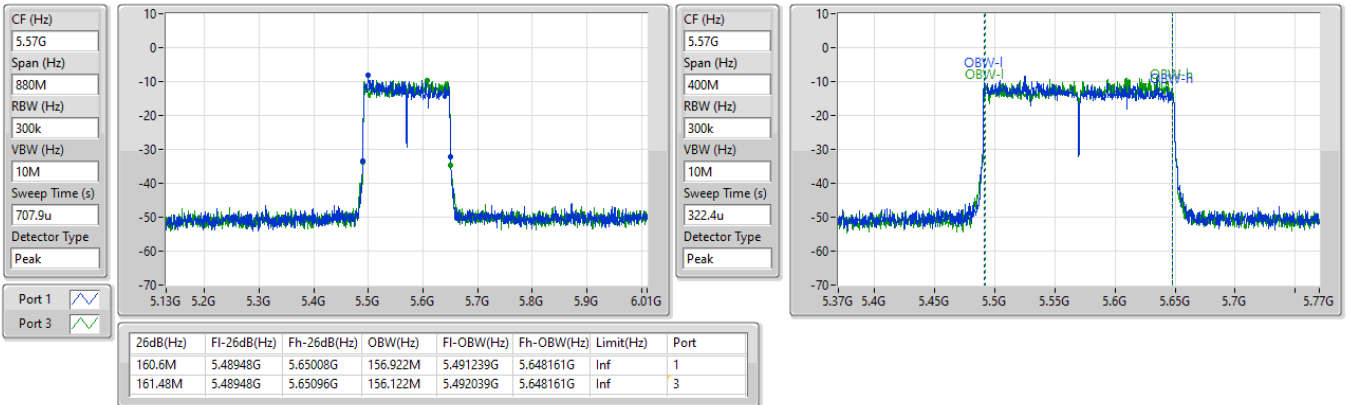


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5570MHz

14/06/2025

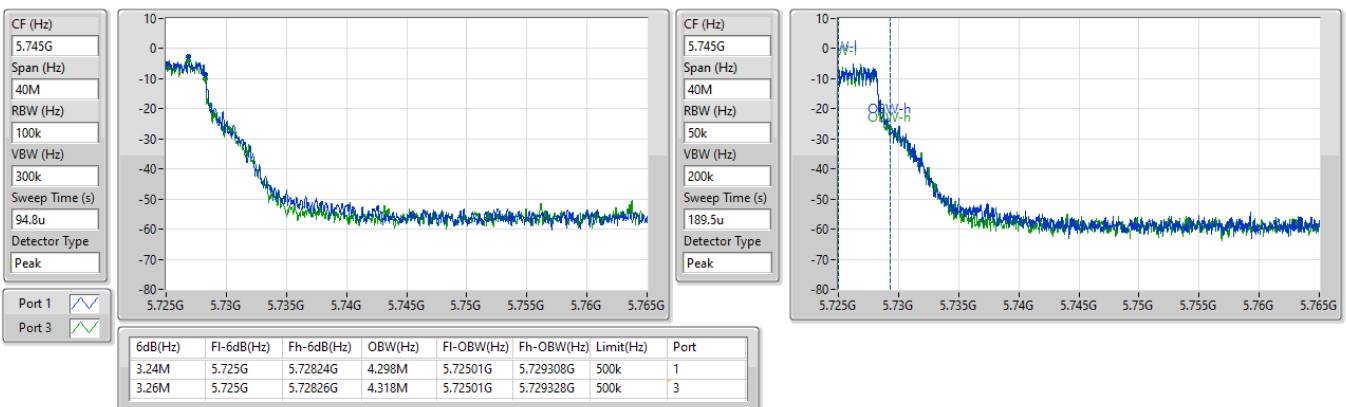


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

14/06/2025

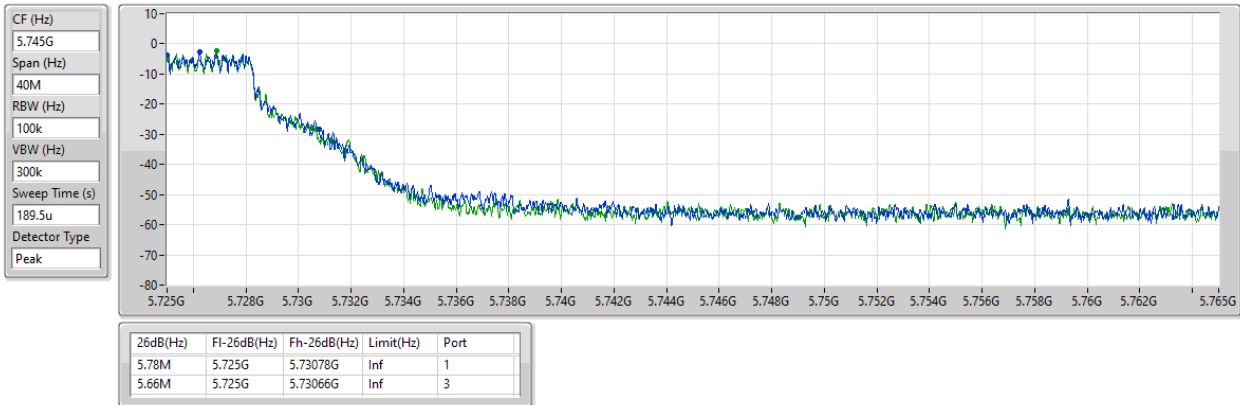


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

14/06/2025

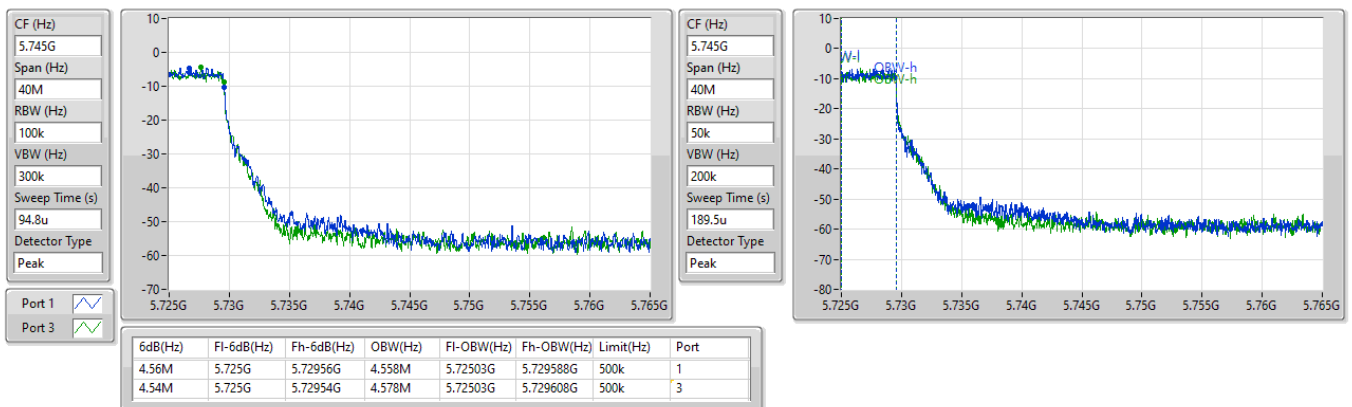


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

14/06/2025

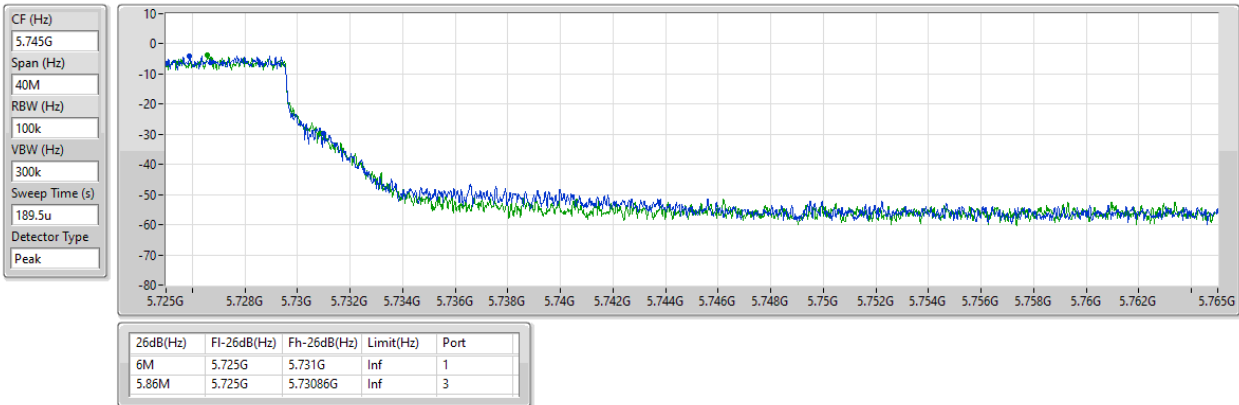


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5720MHz Straddle 5.725-5.85GHz

14/06/2025

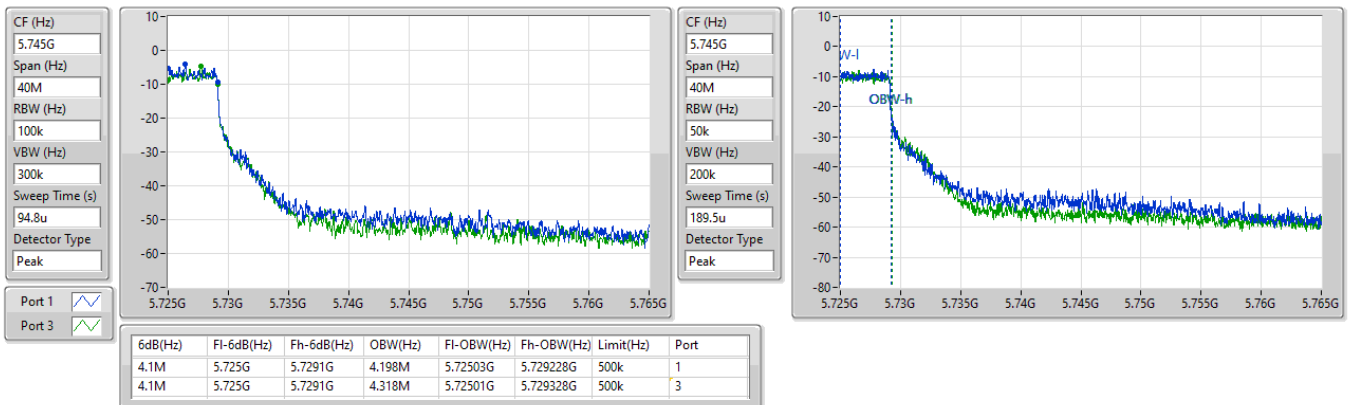


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

14/06/2025

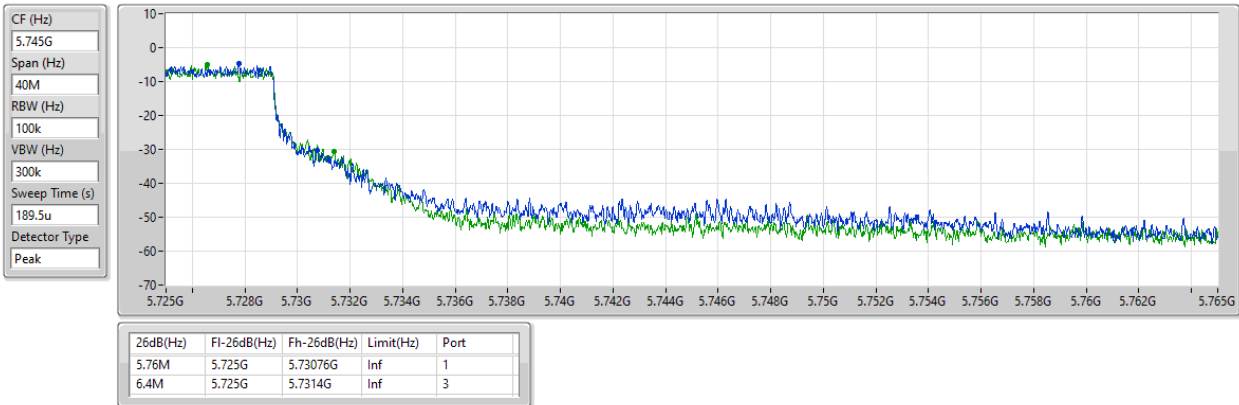


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5710MHz Straddle 5.725-5.85GHz

14/06/2025

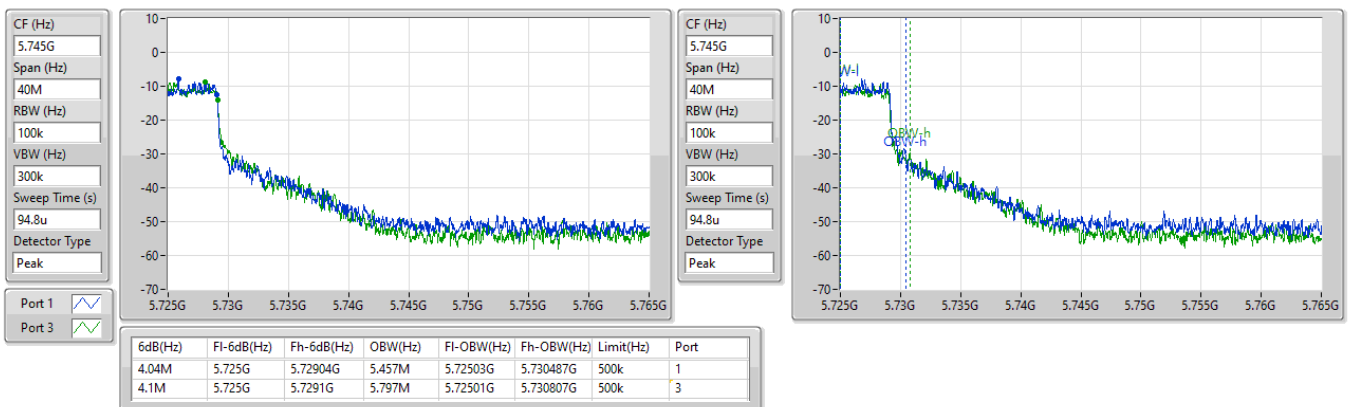


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

14/06/2025

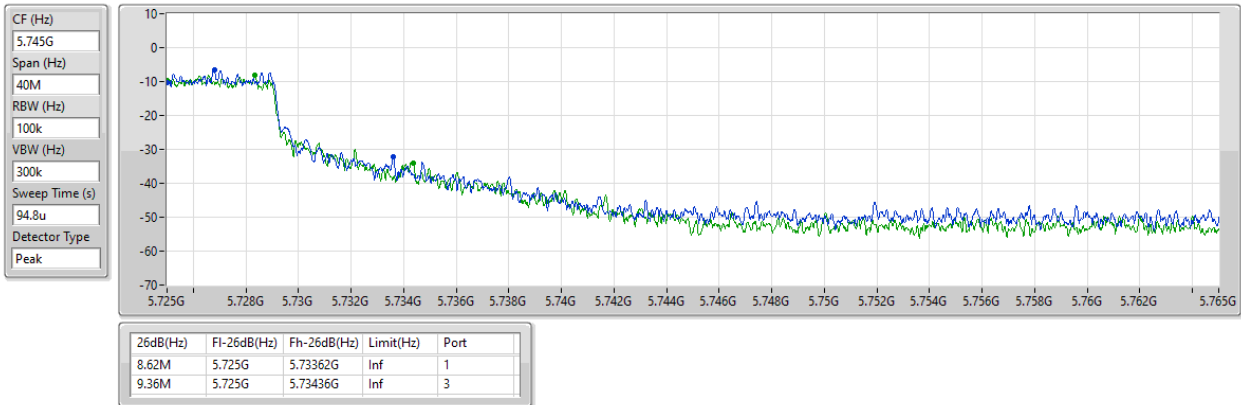


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

EBW

5690MHz Straddle 5.725-5.85GHz

14/06/2025





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	22.11M	16.756M	16M8D1D	15.87M	13.298M
802.11be EHT20_Nss1,(MCS0)_4TX	22.385M	19.215M	19M2D1D	15.6M	14.453M
802.11be EHT40_Nss1,(MCS0)_4TX	41.91M	37.981M	38M0D1D	34.93M	33.723M
802.11be EHT80_Nss1,(MCS0)_4TX	88M	77.661M	77M7D1D	75.975M	73.388M
802.11be EHT160_Nss1,(MCS0)_4TX	162.36M	157.521M	158MD1D	160.16M	156.922M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.28M	4.378M	4M38D1D	3.2M	4.158M
802.11be EHT20_Nss1,(MCS0)_4TX	4.56M	4.738M	4M74D1D	4.22M	4.558M
802.11be EHT40_Nss1,(MCS0)_4TX	4.14M	4.398M	4M40D1D	4.08M	4.158M
802.11be EHT80_Nss1,(MCS0)_4TX	4.14M	6.737M	6M74D1D	4.1M	6.157M

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	21.725M	16.624M	22.11M	16.712M	21.945M	16.756M	21.56M	16.734M
5580MHz	Pass	Inf	21.67M	16.646M	21.67M	16.668M	21.505M	16.646M	21.395M	16.602M
5700MHz	Pass	Inf	21.56M	16.646M	20.57M	16.602M	22M	16.668M	21.45M	16.646M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.87M	13.328M	16.275M	13.328M	16.125M	13.298M	15.885M	13.373M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.26M	4.158M	3.28M	4.378M	3.2M	4.358M	3.28M	4.218M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	21.89M	19.215M	21.725M	19.09M	22.165M	19.115M	22.385M	18.966M
5580MHz	Pass	Inf	22M	19.04M	21.56M	19.09M	22.055M	19.14M	22.385M	19.04M
5700MHz	Pass	Inf	21.89M	19.065M	21.01M	18.991M	21.34M	19.015M	22.165M	19.14M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.425M	14.453M	15.645M	14.468M	15.81M	14.558M	15.6M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.54M	4.658M	4.52M	4.558M	4.22M	4.618M	4.56M	4.738M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	41.14M	37.931M	41.58M	37.831M	40.26M	37.981M	40.81M	37.831M
5550MHz	Pass	Inf	41.14M	37.981M	41.58M	37.831M	40.7M	37.781M	41.25M	37.881M
5670MHz	Pass	Inf	40.15M	37.931M	41.36M	37.881M	41.03M	37.881M	41.91M	37.931M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.525M	33.758M	34.93M	33.758M	36.26M	33.793M	36.575M	33.723M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.12M	4.398M	4.08M	4.218M	4.1M	4.338M	4.14M	4.158M
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	80.3M	77.461M	86.02M	77.661M	85.8M	77.461M	86.24M	77.561M
5610MHz	Pass	Inf	81.84M	77.561M	83.6M	77.561M	88M	77.561M	83.38M	77.461M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.725M	73.463M	77.55M	73.538M	75.975M	73.613M	76.725M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	6.617M	4.14M	6.157M	4.1M	6.237M	4.1M	6.737M
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	Inf	161.92M	156.922M	160.16M	156.922M	162.36M	157.521M	161.92M	156.922M

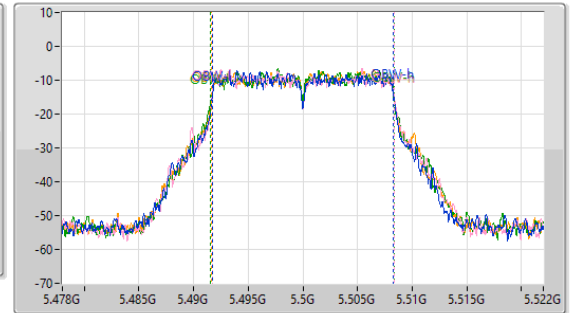
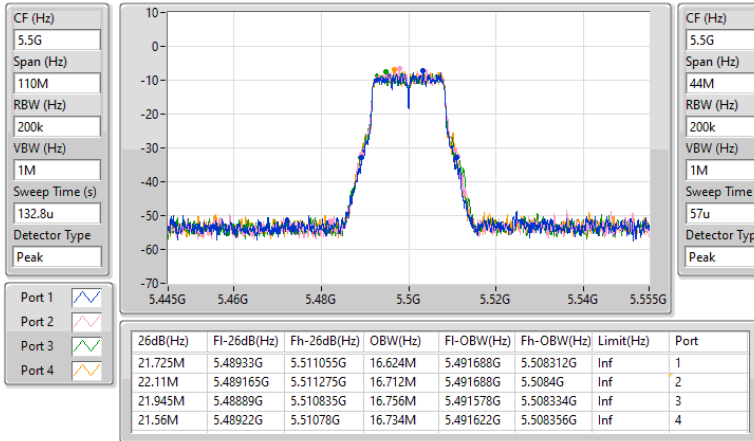
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5500MHz

13/06/2025

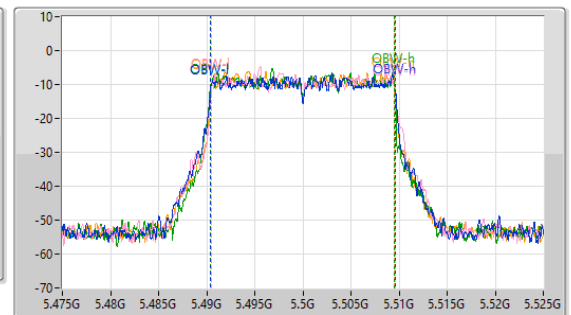
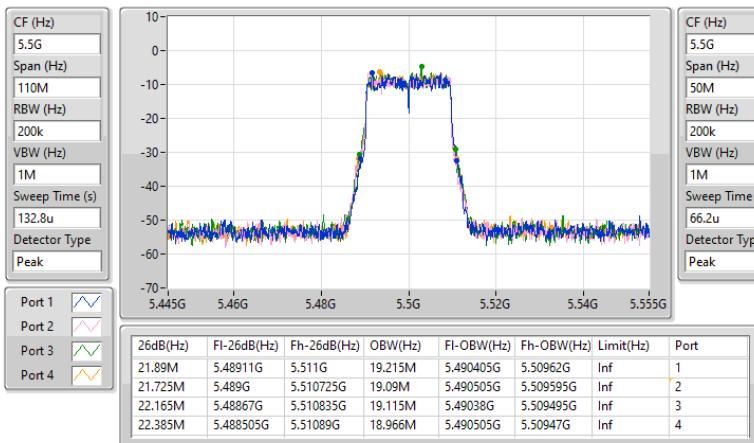


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5500MHz

13/06/2025

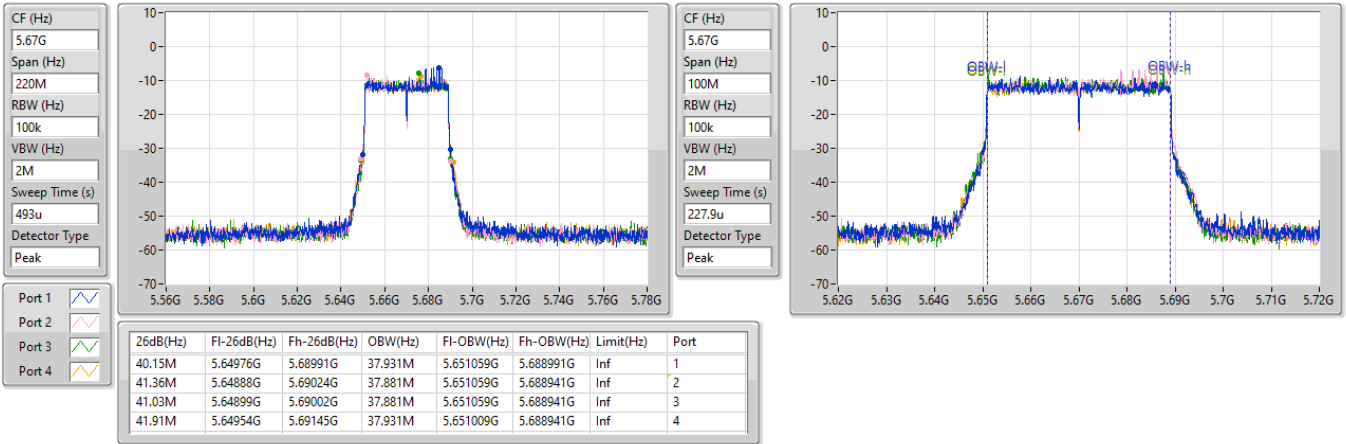


5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5670MHz

13/06/2025

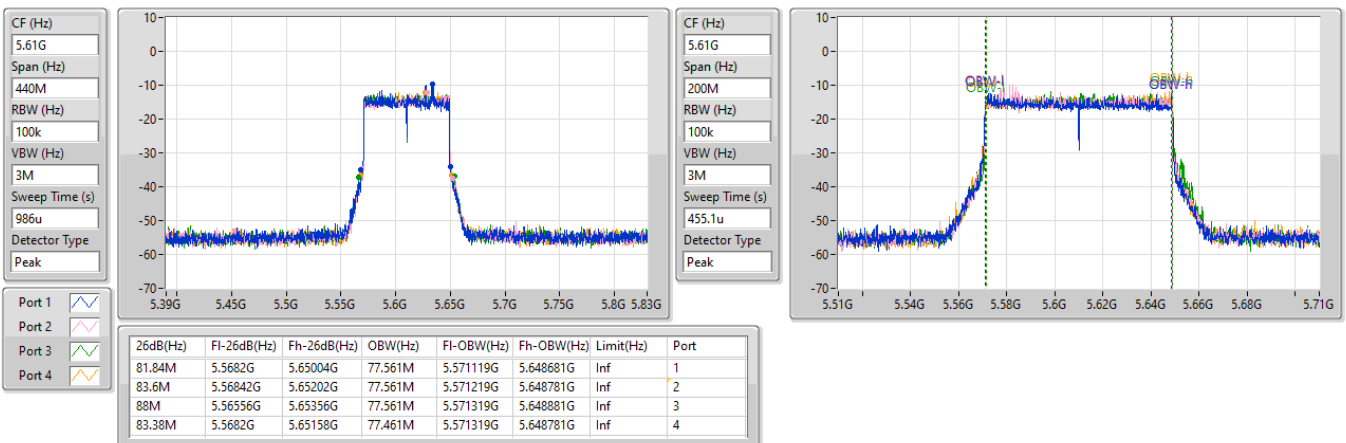


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5610MHz

13/06/2025

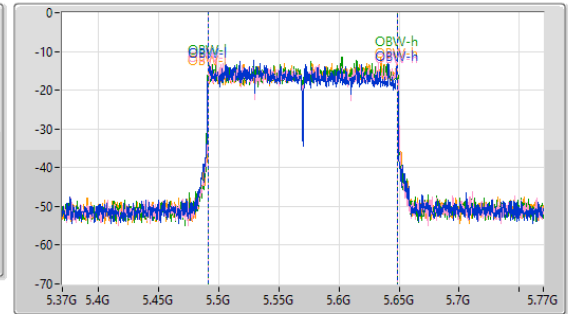
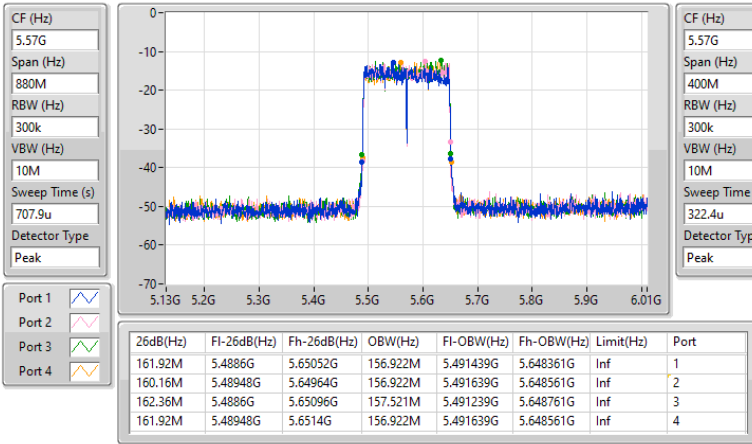


5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_4TX

EBW

5570MHz

13/06/2025

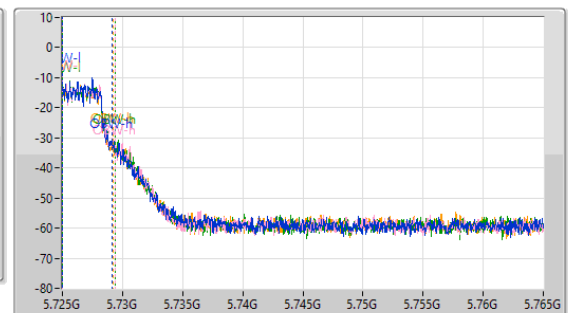
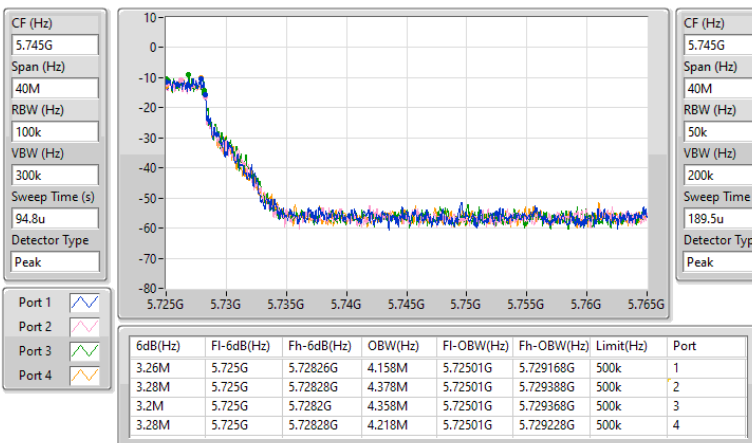


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/06/2025

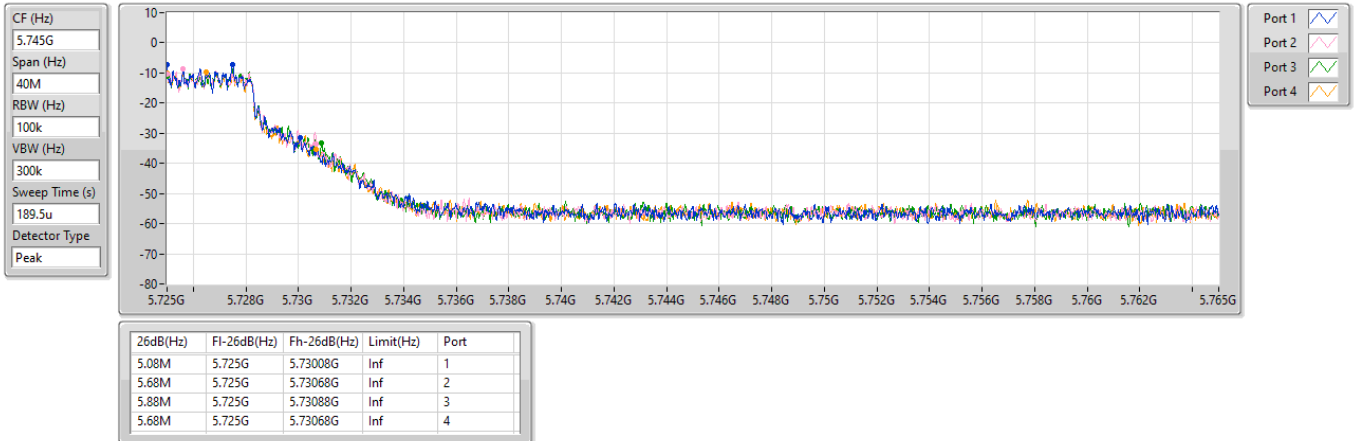


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/06/2025

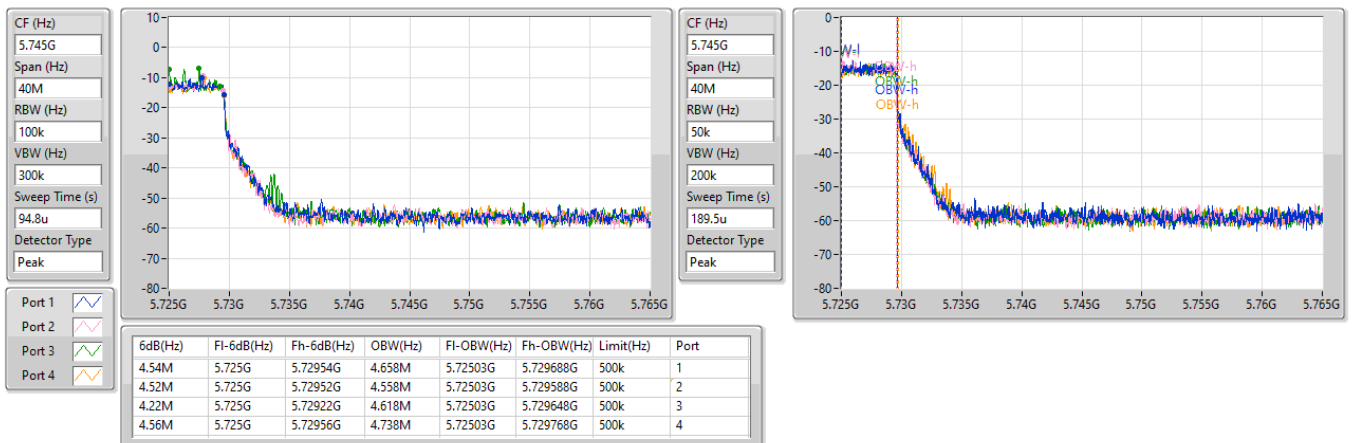


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/06/2025

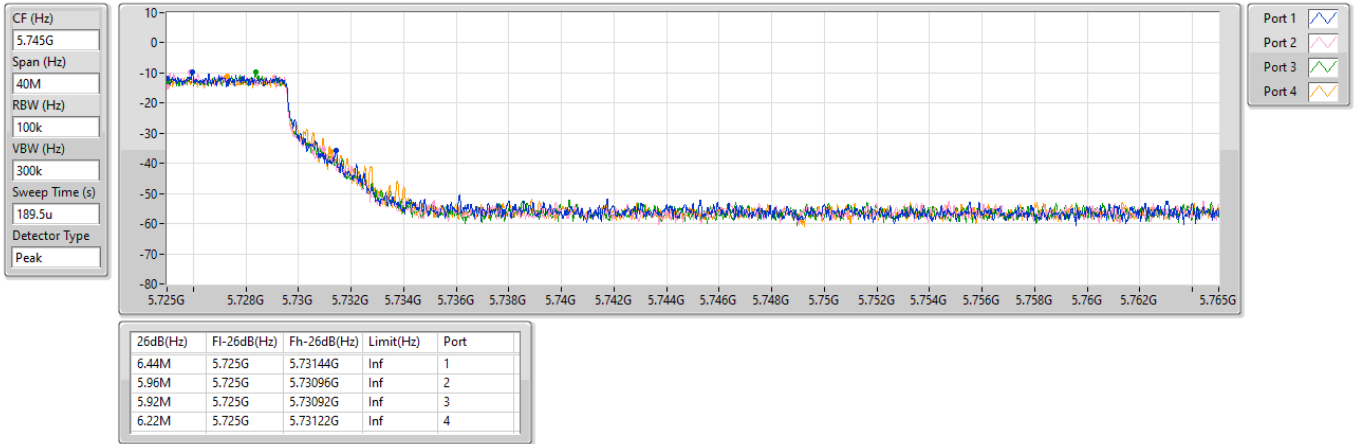


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

EBW

5720MHz Straddle 5.725-5.85GHz

13/06/2025

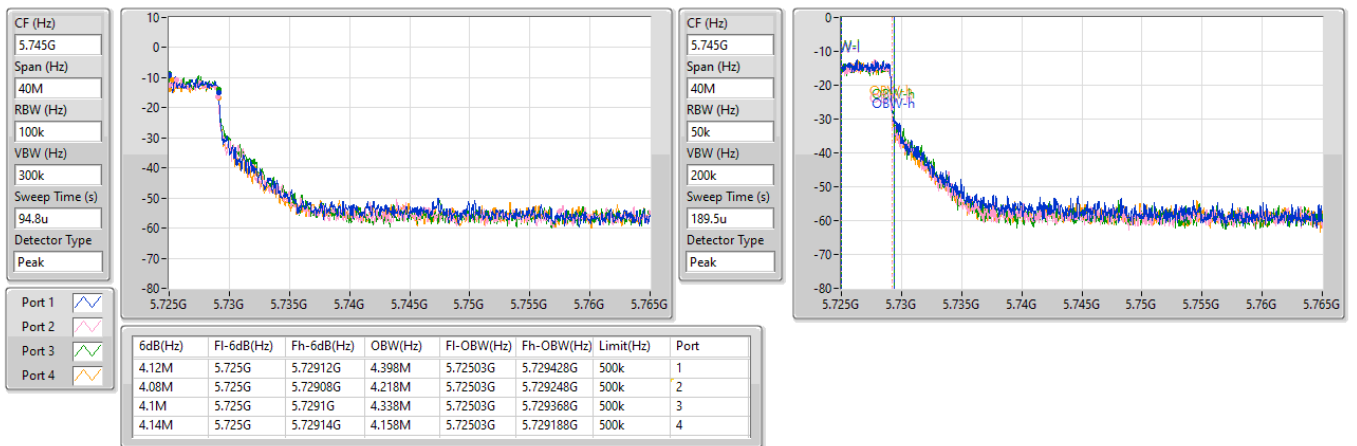


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

13/06/2025

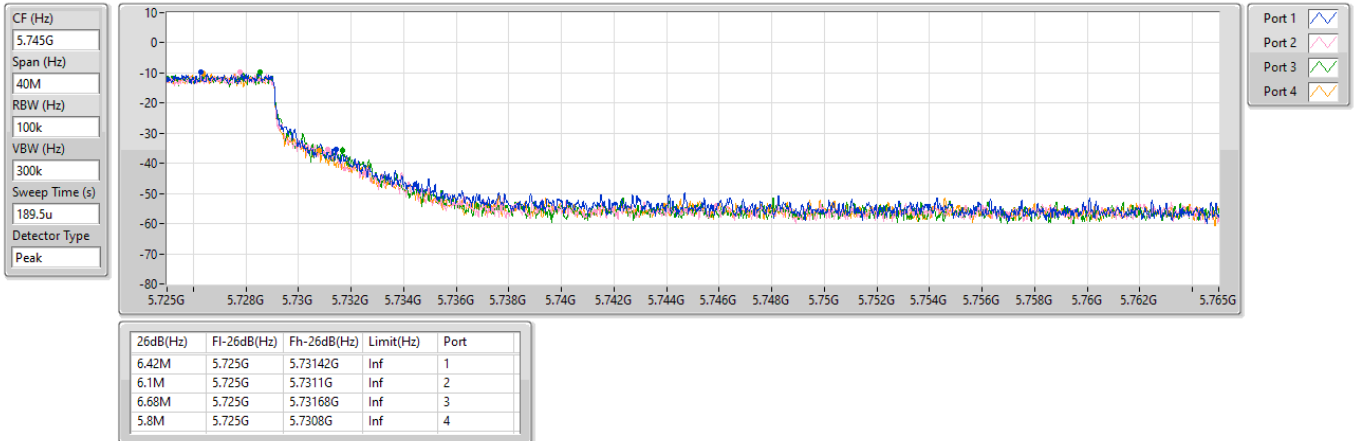


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

13/06/2025

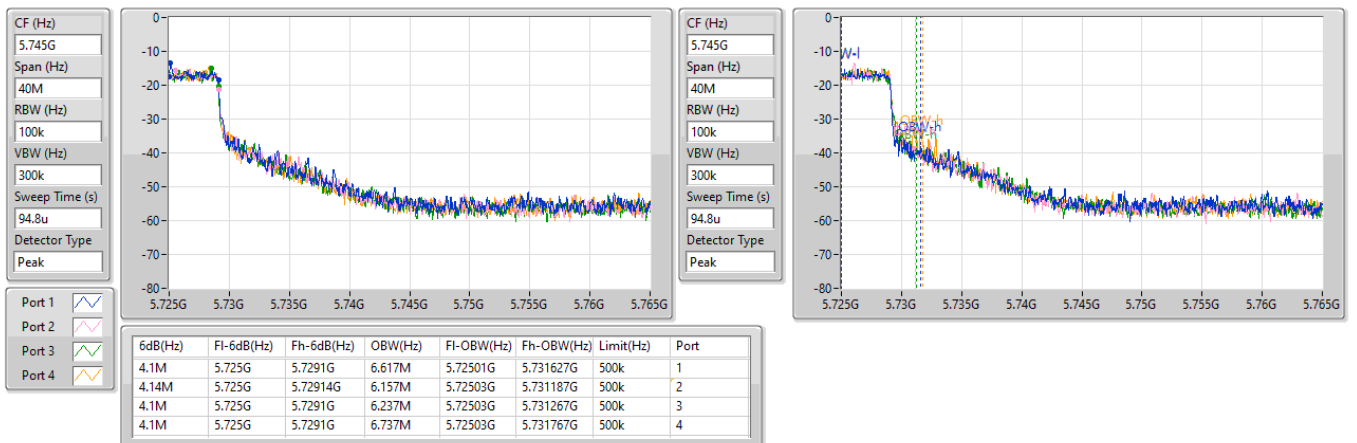


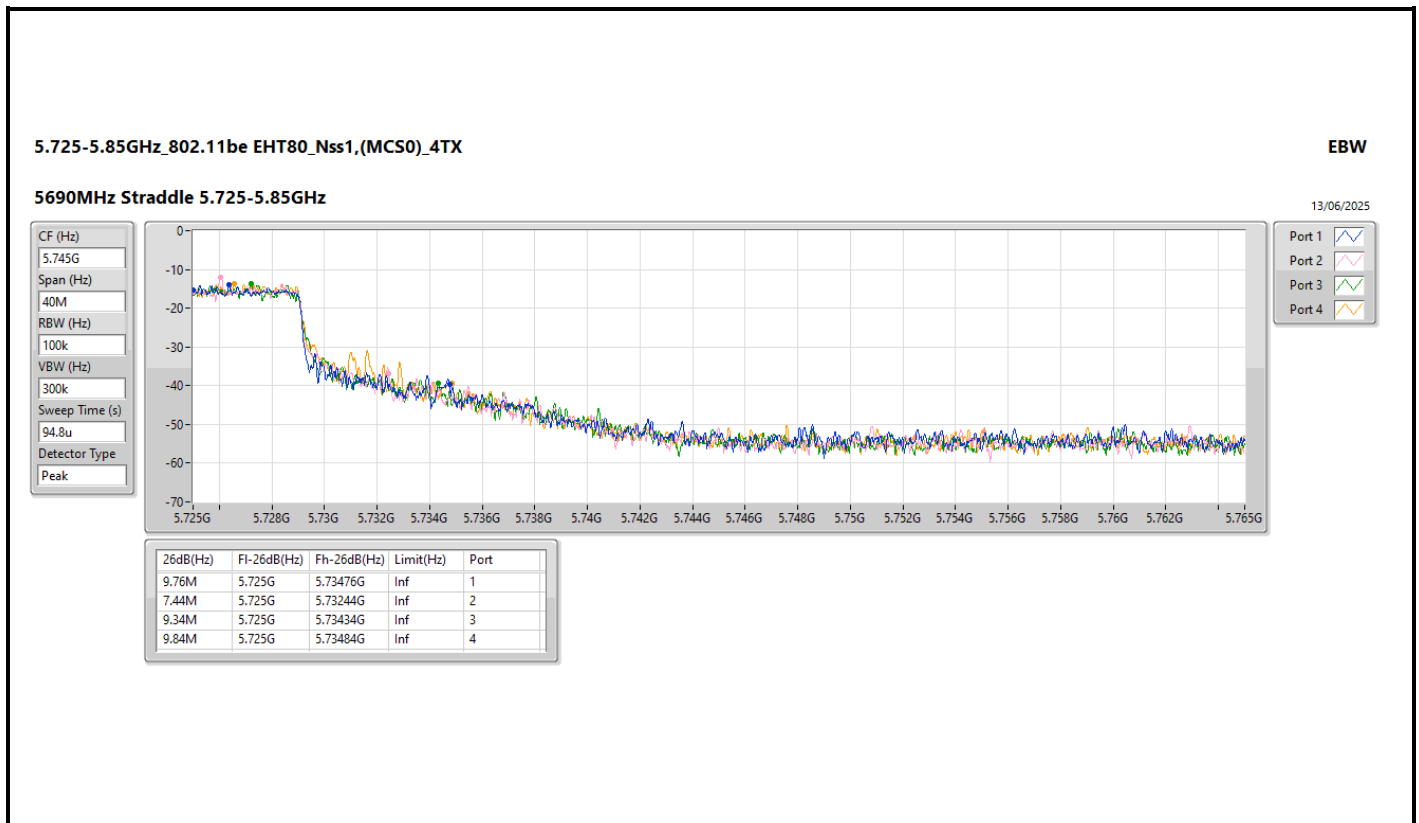
5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

13/06/2025





**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	27.5M	16.822M	16M8D1D	16.26M	13.133M
802.11ax HEW20_Nss1,(MCS0)_1TX	26.675M	18.966M	19M0D1D	16.275M	14.333M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.18M	10.615M	10M6D1D	3.18M	10.615M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.52M	10.675M	10M7D1D	4.52M	10.675M

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	26.785M	16.822M
5580MHz	Pass	Inf	20.735M	16.338M
5700MHz	Pass	Inf	27.5M	16.58M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.26M	13.133M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	10.615M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5500MHz	Pass	Inf	26.675M	18.966M
5580MHz	Pass	Inf	20.57M	18.841M
5700MHz	Pass	Inf	21.34M	18.866M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.275M	14.333M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	10.675M

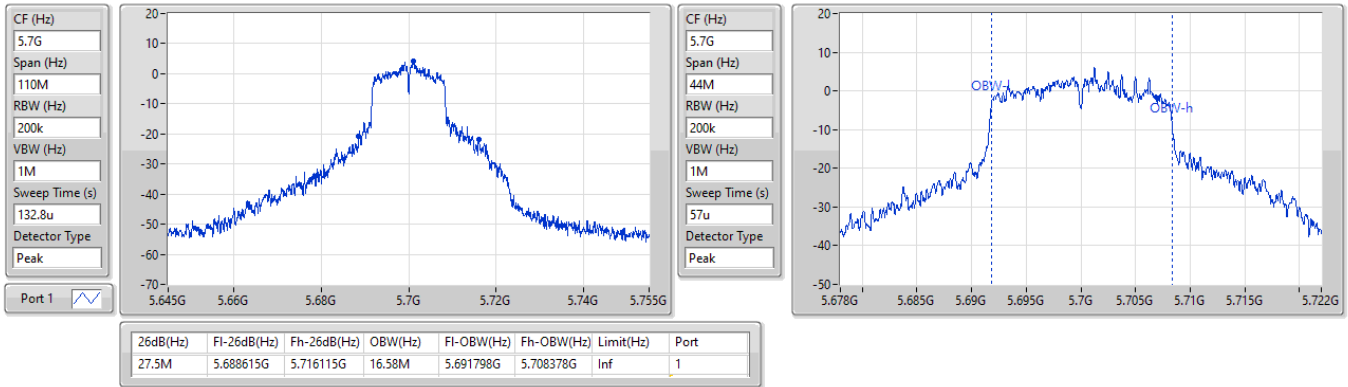
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5700MHz

18/06/2025

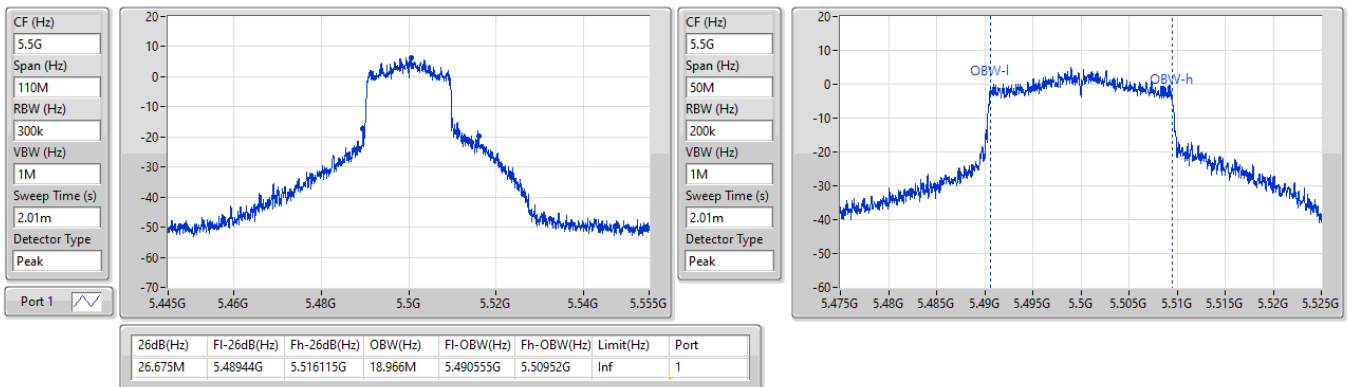


5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5500MHz

18/06/2025

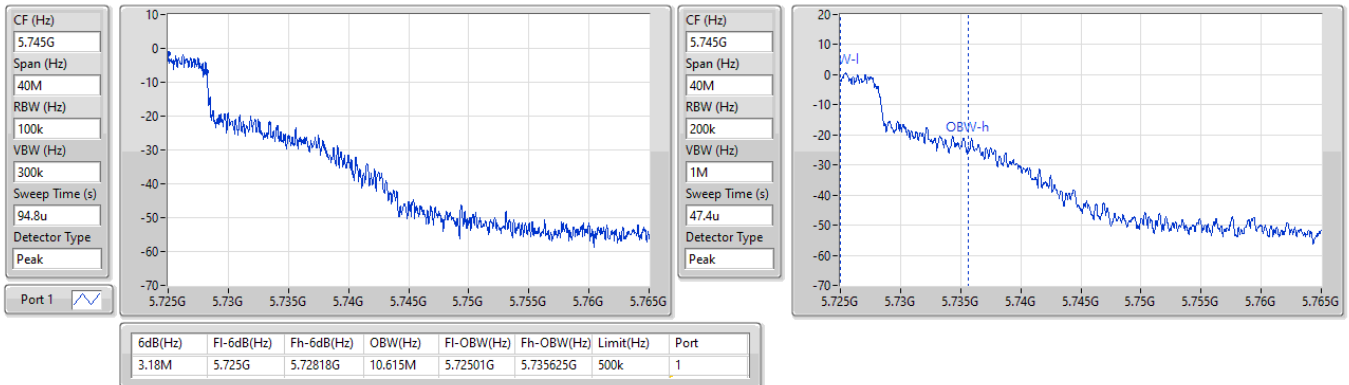


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

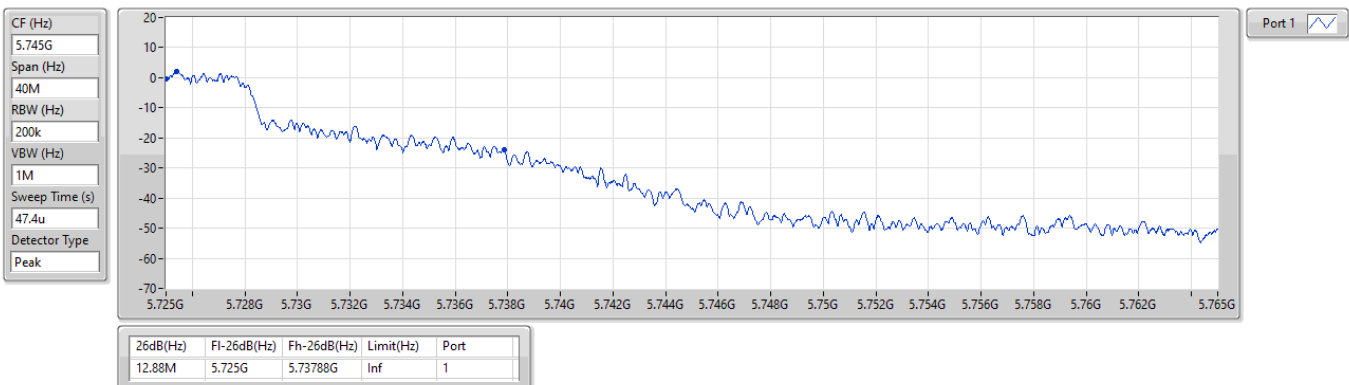


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

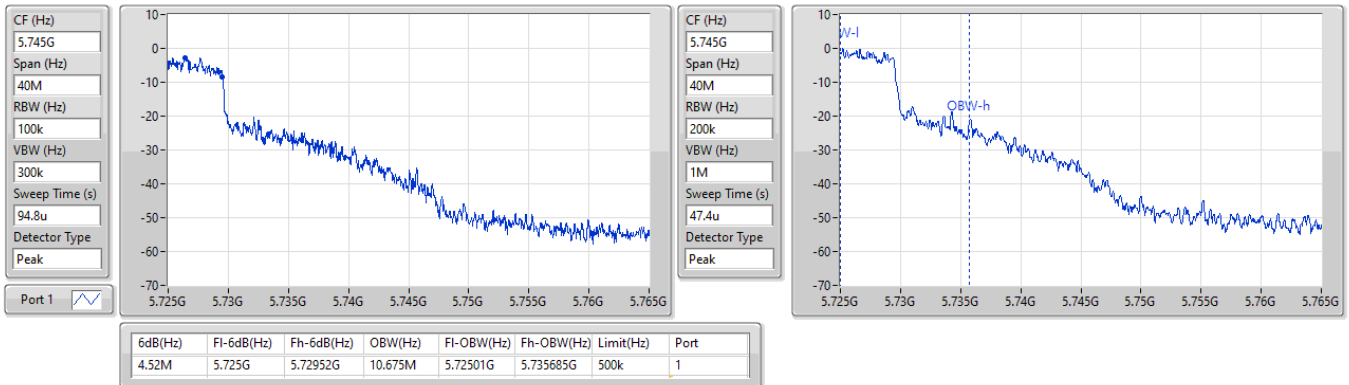


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025



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

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025



**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	20.625M	16.36M	16M4D1D	16.26M	13.133M
802.11ax HEW20_Nss1,(MCS0)_1TX	20.68M	18.941M	18M9D1D	16.275M	14.333M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.18M	10.615M	10M6D1D	3.18M	10.615M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.52M	10.675M	10M7D1D	4.52M	10.675M

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	18.755M	16.294M
5580MHz	Pass	Inf	20.625M	16.36M
5700MHz	Pass	Inf	19.36M	16.338M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.26M	13.133M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	10.615M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5500MHz	Pass	Inf	20.075M	18.816M
5580MHz	Pass	Inf	20.68M	18.941M
5700MHz	Pass	Inf	20.02M	18.841M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.275M	14.333M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.52M	10.675M

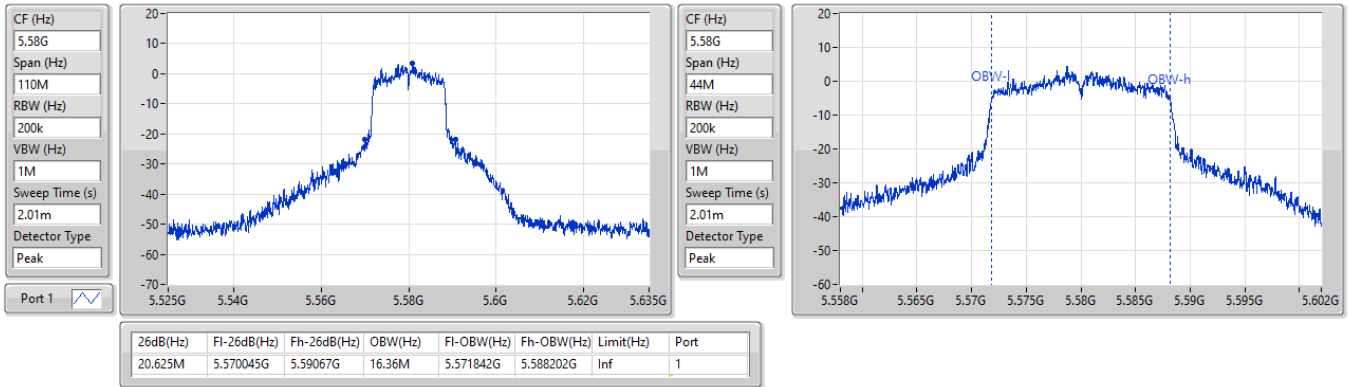
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

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

EBW

5580MHz

18/06/2025

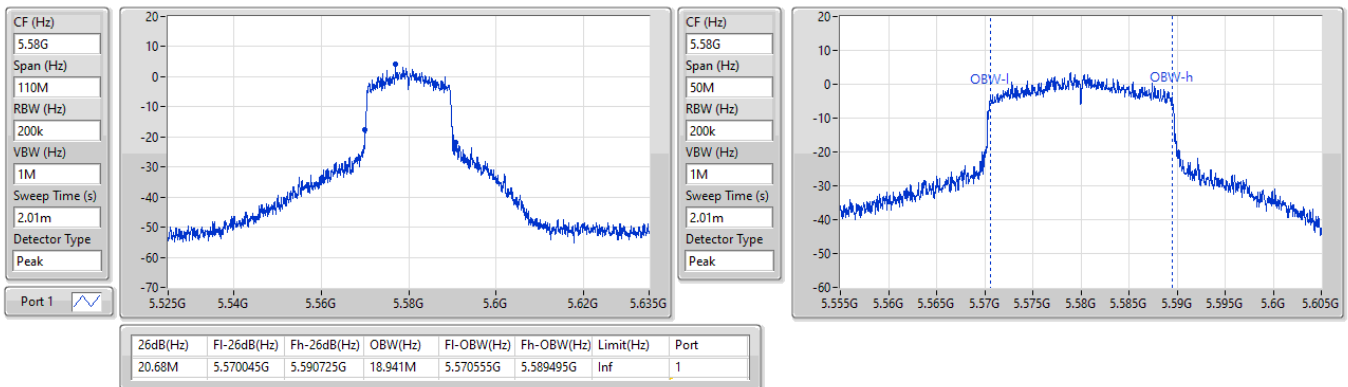


5.47-5.725GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

5580MHz

18/06/2025

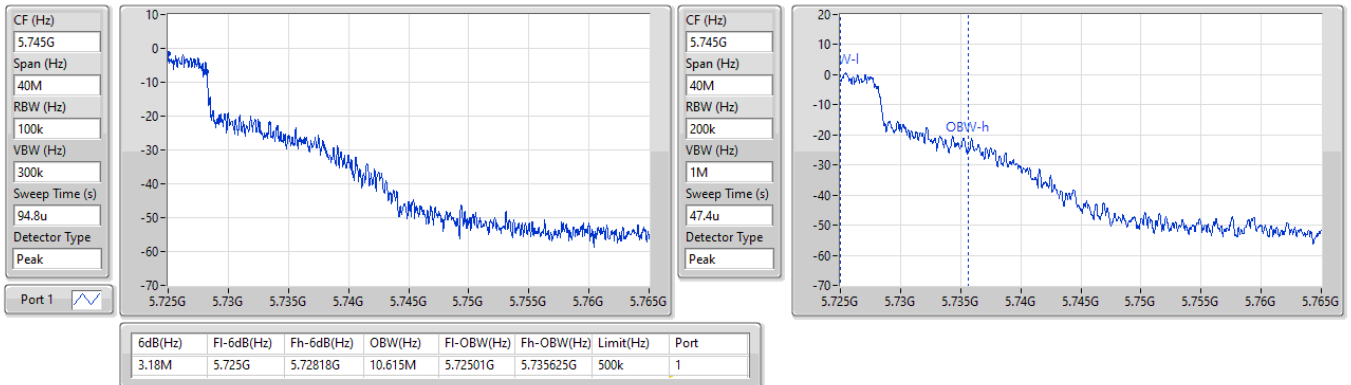


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

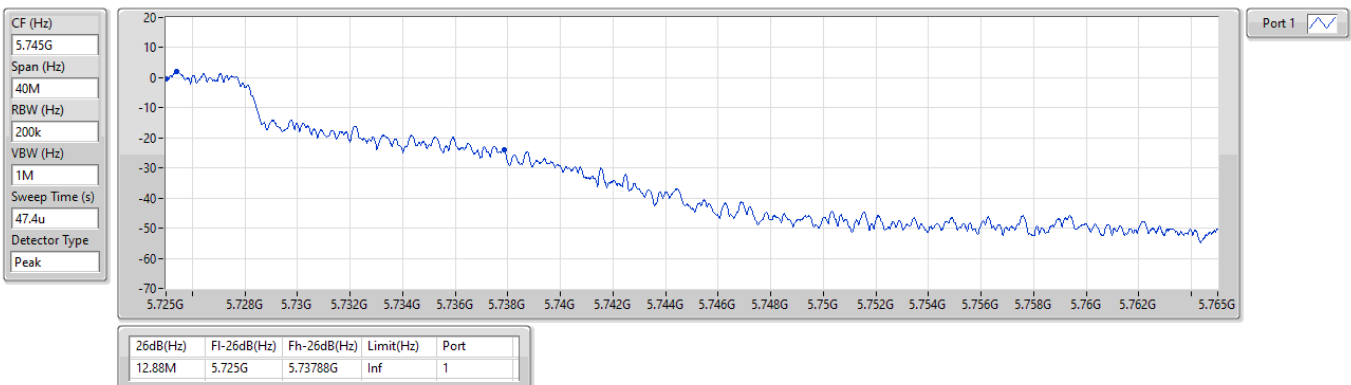


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

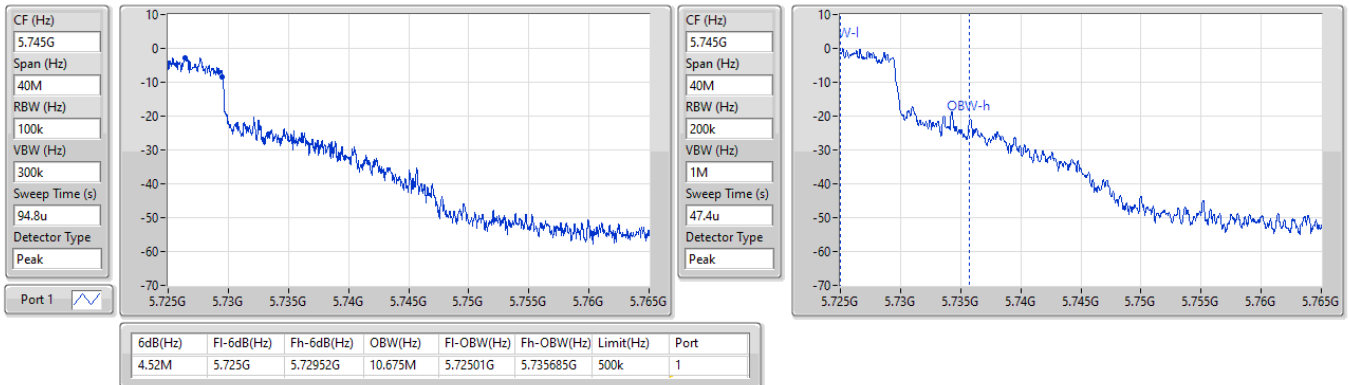


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025

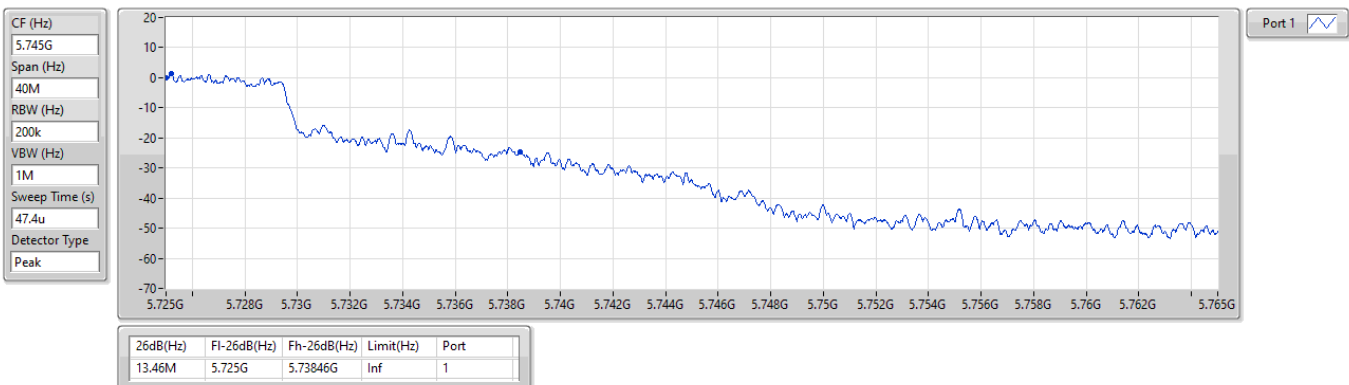


5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5720MHz Straddle 5.725-5.85GHz

18/06/2025





**Average Power_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Full RU**

Appendix C.1

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	17.97	0.06266
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	18.08	0.06427
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	18.23	0.06653
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	18.52	0.07112
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	18.39	0.06902
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	11.36	0.01368
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	12.27	0.01687
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	8.56	0.00718
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	5.38	0.00345



Average Power_Non-Beamforming_ Radio 2_Downtilt Panel Omni_1T1S_Full RU

Appendix C.1

Result

Mode	Result	DG (dBi)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	3.70	17.84	17.84	23.98
5580MHz	Pass	3.70	17.91	17.91	23.98
5700MHz	Pass	3.70	17.97	17.97	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	17.19	17.19	22.91
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	11.36	11.36	30.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	3.70	18.07	18.07	23.98
5580MHz	Pass	3.70	18.05	18.05	23.98
5700MHz	Pass	3.70	18.08	18.08	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	17.03	17.03	23.05
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	12.27	12.27	30.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5510MHz	Pass	3.70	18.08	18.08	23.98
5550MHz	Pass	3.70	18.23	18.23	23.98
5670MHz	Pass	3.70	17.61	17.61	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	17.85	17.85	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	8.56	8.56	30.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5530MHz	Pass	3.70	18.52	18.52	23.98
5610MHz	Pass	3.70	18.23	18.23	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	18.08	18.08	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	5.38	5.38	30.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	3.70	18.39	18.39	23.98

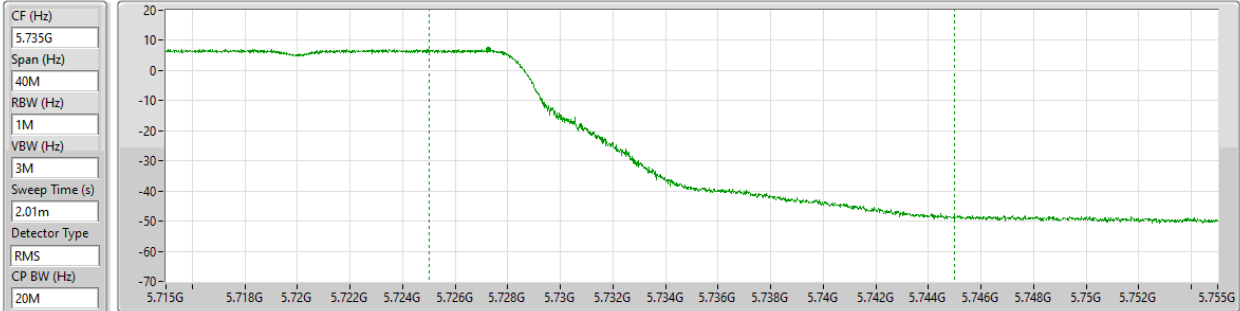
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



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

AV Power

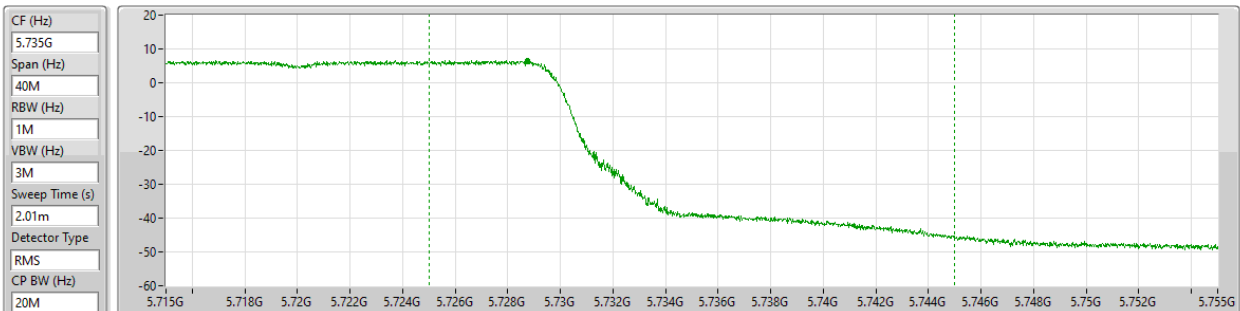
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

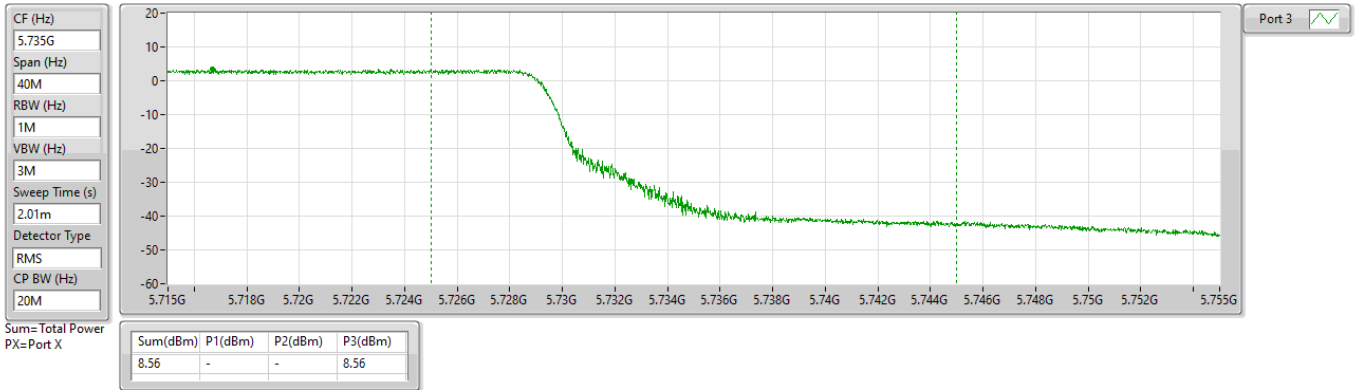




5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

AV Power

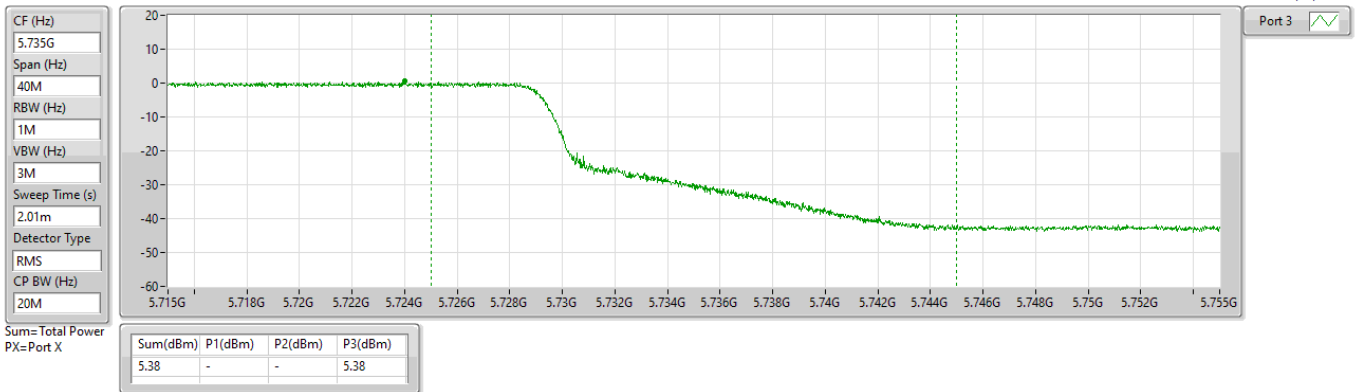
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

5690MHz Straddle 5.725-5.85GHz_TX





**Average Power_Non-Beamforming_
Radio 2_Downtilt Panel Omni_2T1S_Full RU**

Appendix C.2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	20.89	0.12274
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	20.95	0.12445
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	21.09	0.12853
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	21.13	0.12972
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	14.67	0.02931
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	14.52	0.02831
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	15.50	0.03548
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	11.99	0.01581
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	8.65	0.00733



Average Power_Non-Beamforming_ Radio 2_Downtilt Panel Omni_2T1S_Full RU

Appendix C.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	3.70	15.96	16.24	19.11	23.98
5580MHz	Pass	3.70	17.65	18.00	20.84	23.98
5700MHz	Pass	3.70	17.86	17.90	20.89	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	17.39	17.41	20.41	22.85
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	11.58	11.43	14.52	30.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	3.70	15.57	16.01	18.81	23.98
5580MHz	Pass	3.70	17.76	18.11	20.95	23.98
5700MHz	Pass	3.70	15.49	15.62	18.57	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	17.32	17.27	20.31	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	12.59	12.39	15.50	30.00
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5510MHz	Pass	3.70	17.56	18.06	20.83	23.98
5550MHz	Pass	3.70	17.78	18.36	21.09	23.98
5670MHz	Pass	3.70	17.68	18.28	21.00	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	17.99	17.95	20.98	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	9.15	8.80	11.99	30.00
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5530MHz	Pass	3.70	16.36	16.98	19.69	23.98
5610MHz	Pass	3.70	16.07	16.69	19.40	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	17.98	18.26	21.13	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	5.73	5.55	8.65	30.00
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5570MHz	Pass	3.70	11.38	11.93	14.67	23.98

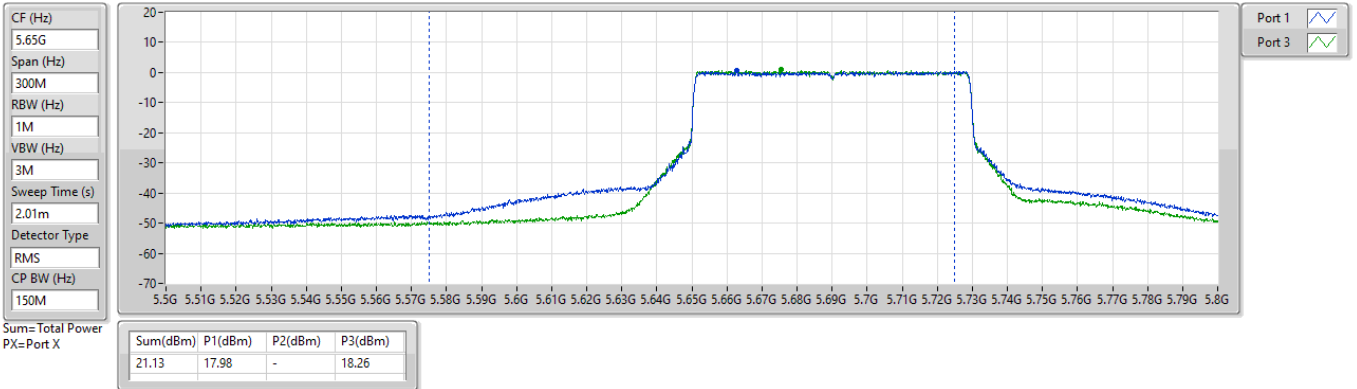
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

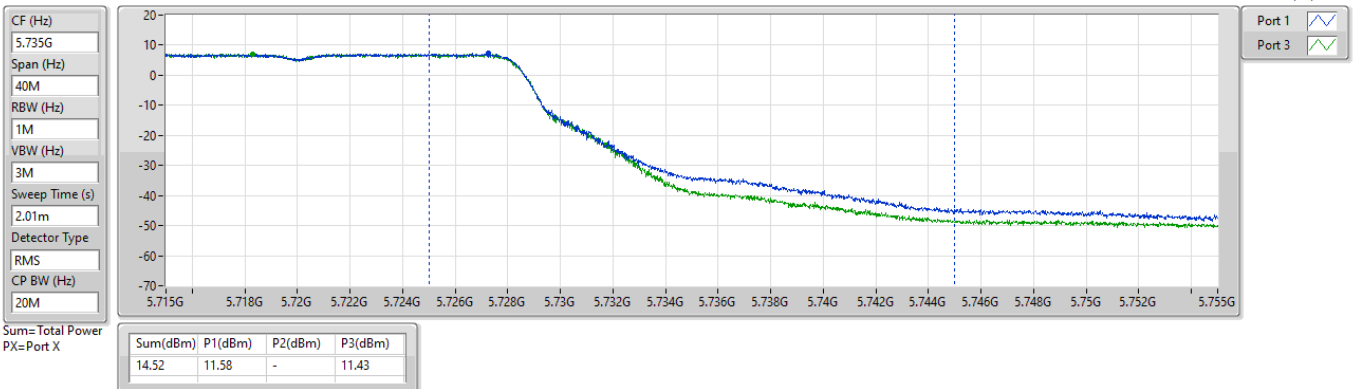
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

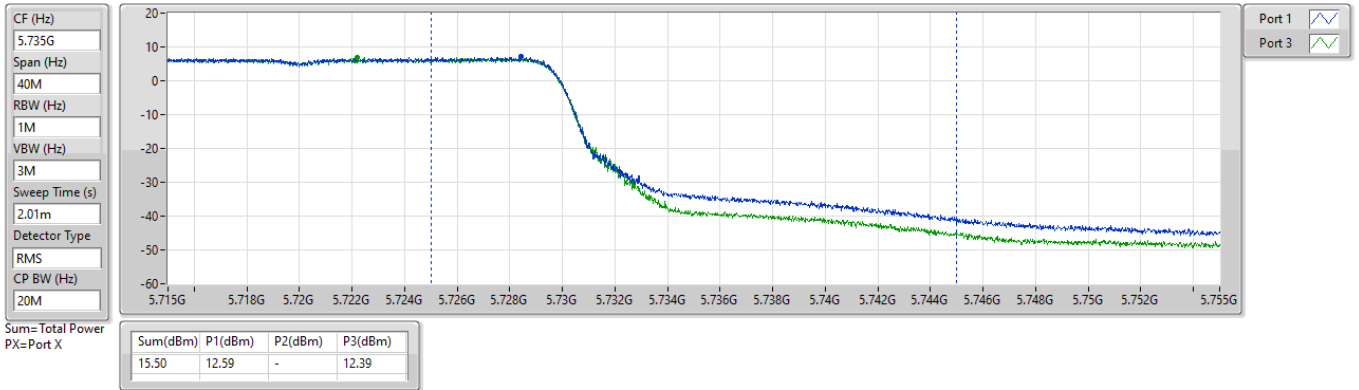




5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

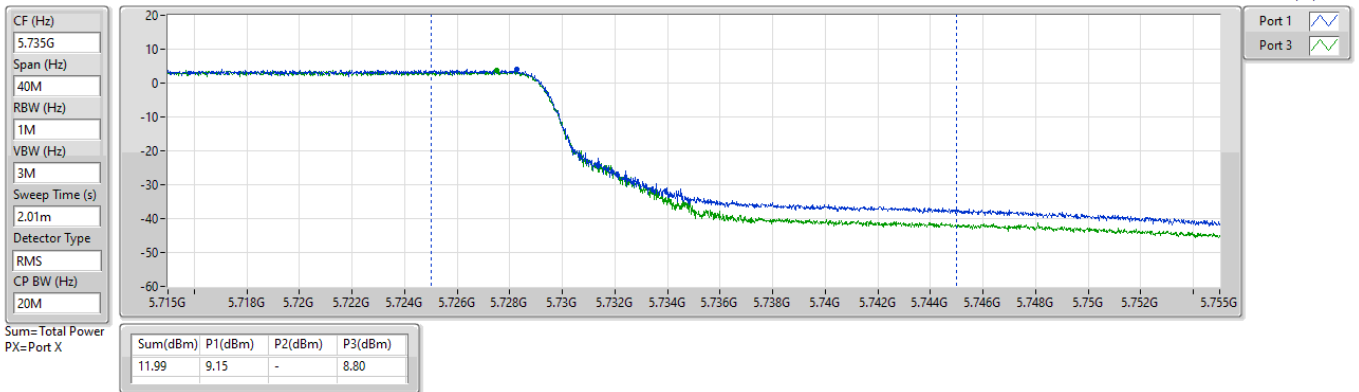
5720MHz Straddle 5.725-5.85GHz_TX



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

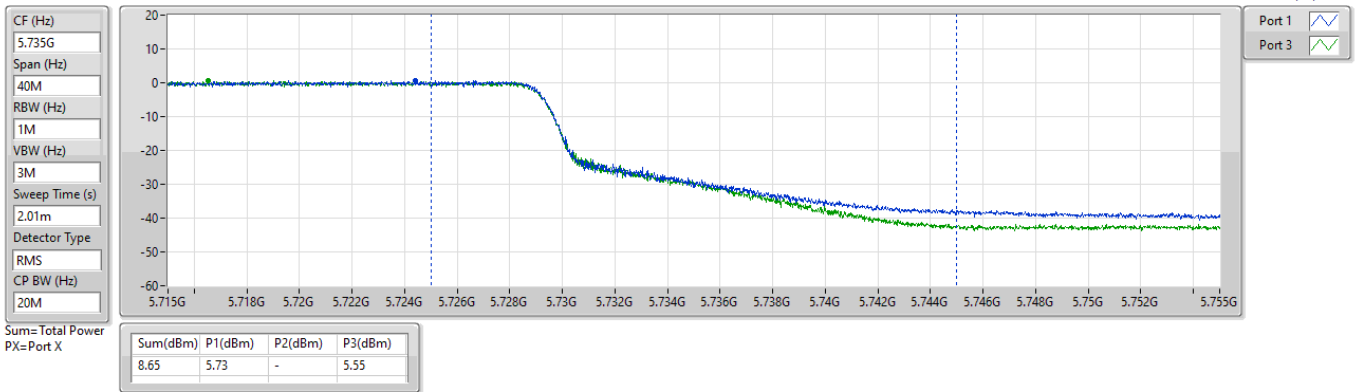




5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

5690MHz Straddle 5.725-5.85GHz_TX





**Average Power_Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Full RU**

Appendix C.3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.50	0.11220
802.11be EHT20_Nss1,(MCS0)_4TX	21.03	0.12677
802.11be EHT40_Nss1,(MCS0)_4TX	23.17	0.20749
802.11be EHT80_Nss1,(MCS0)_4TX	22.96	0.19770
802.11be EHT160_Nss1,(MCS0)_4TX	17.14	0.05176
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.10	0.02042
802.11be EHT20_Nss1,(MCS0)_4TX	14.64	0.02911
802.11be EHT40_Nss1,(MCS0)_4TX	14.07	0.02553
802.11be EHT80_Nss1,(MCS0)_4TX	10.47	0.01114



Average Power_Non-Beamforming_ Radio 2_Downtilt Panel Omni_4T1S_Full RU

Appendix C.3

Result

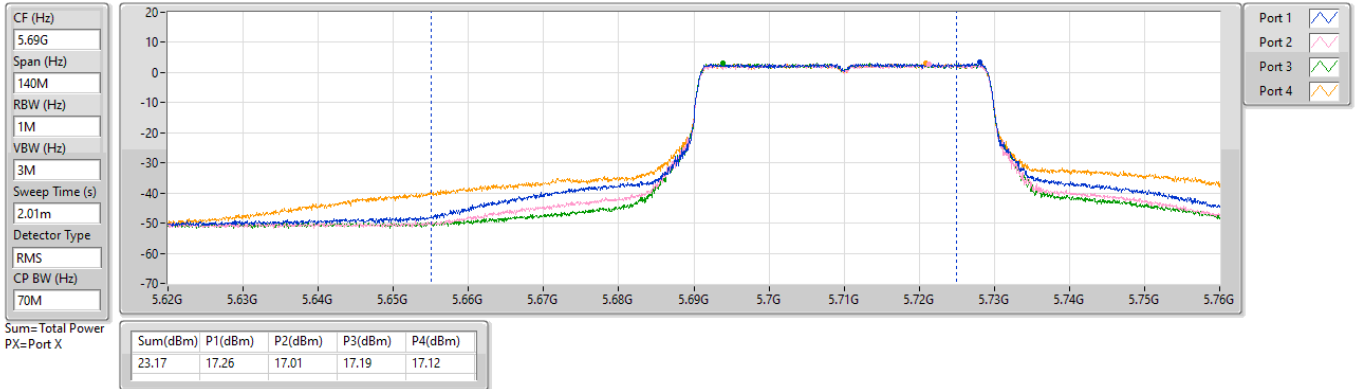
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	3.70	14.12	14.81	14.44	14.51	20.50	23.98
5580MHz	Pass	3.70	14.20	14.41	14.63	14.35	20.42	23.98
5700MHz	Pass	3.70	14.06	14.22	14.31	13.98	20.17	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	13.10	13.05	13.13	12.63	19.00	22.99
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	7.19	7.13	7.21	6.79	13.10	30.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	3.70	14.64	15.41	14.95	14.99	21.03	23.98
5580MHz	Pass	3.70	14.54	14.99	15.10	15.02	20.94	23.98
5700MHz	Pass	3.70	12.51	12.47	12.69	12.21	18.49	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	13.41	13.49	13.59	13.09	19.42	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	8.73	8.71	8.75	8.28	14.64	30.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	3.70	14.35	14.90	14.83	14.52	20.68	23.98
5550MHz	Pass	3.70	16.13	16.69	16.83	16.82	22.65	23.98
5670MHz	Pass	3.70	14.96	15.74	15.77	15.47	21.52	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	17.26	17.01	17.19	17.12	23.17	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	8.37	7.79	7.95	8.05	14.07	30.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	3.70	13.48	13.70	14.06	13.65	19.75	23.98
5610MHz	Pass	3.70	15.44	16.14	16.17	16.42	22.08	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	16.87	16.80	17.11	16.97	22.96	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	4.59	4.40	4.37	4.43	10.47	30.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	3.70	10.87	11.07	11.37	11.14	17.14	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 EHT40_Nss1,(MCS0)_4TX

AV Power

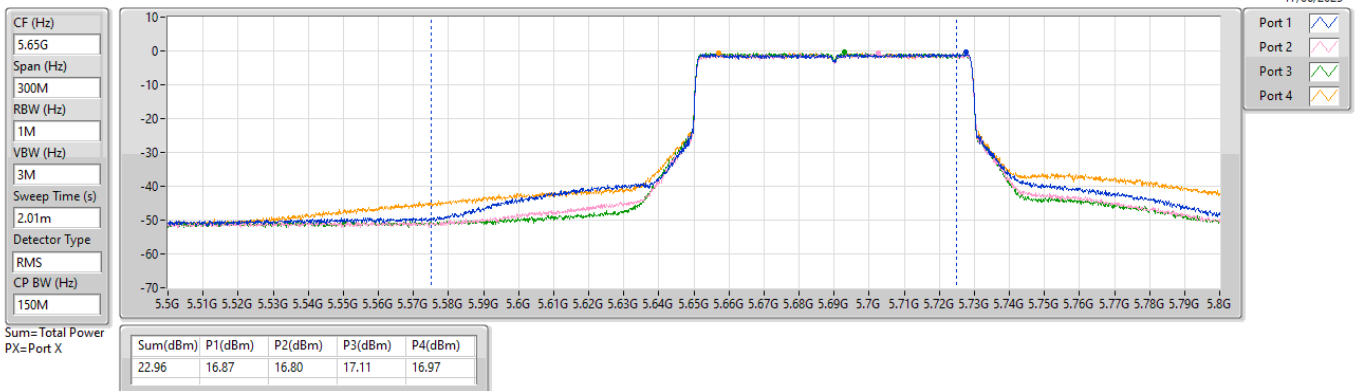
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

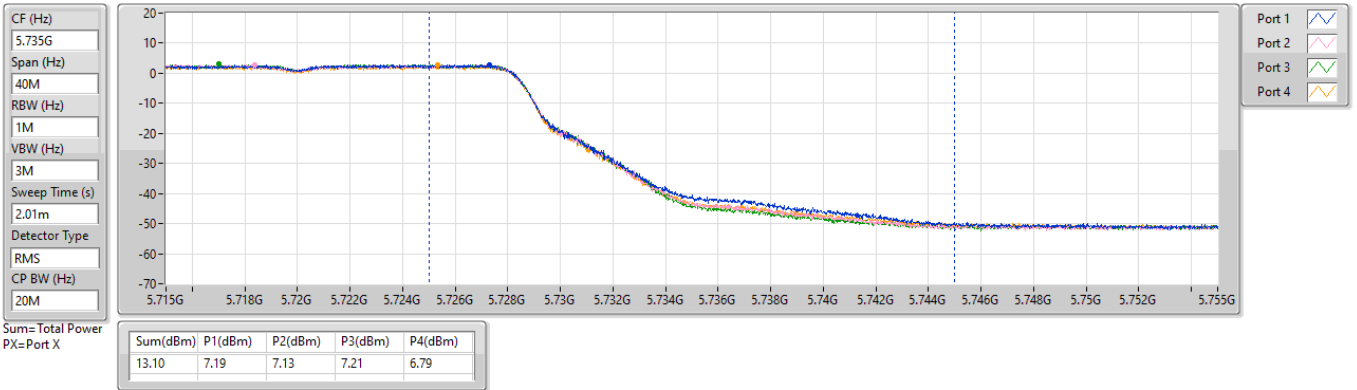
5690MHz Straddle 5.47-5.725GHz_TX



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

AV Power

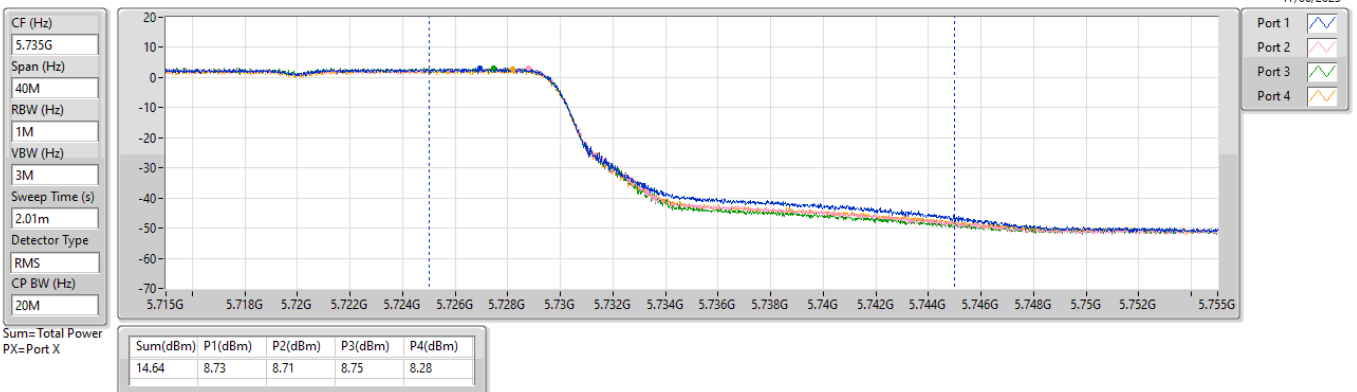
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

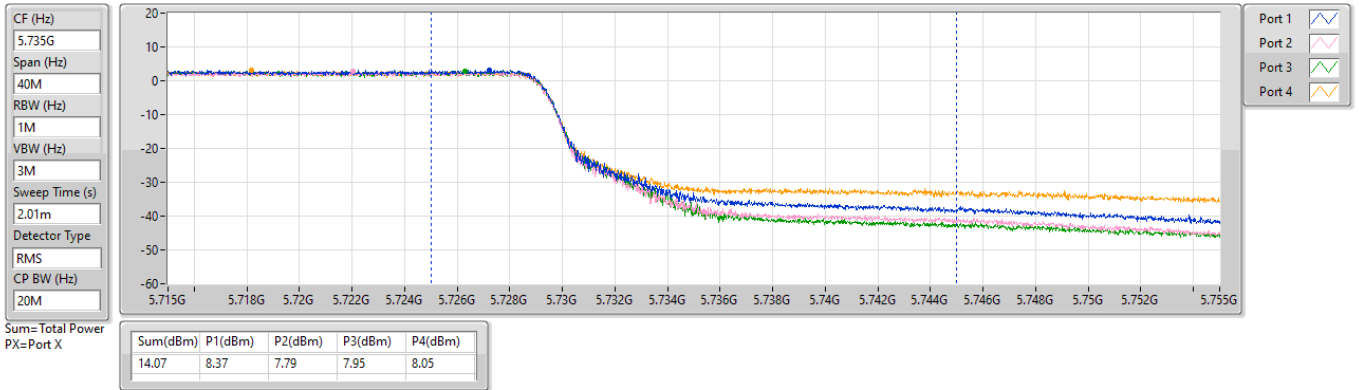
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

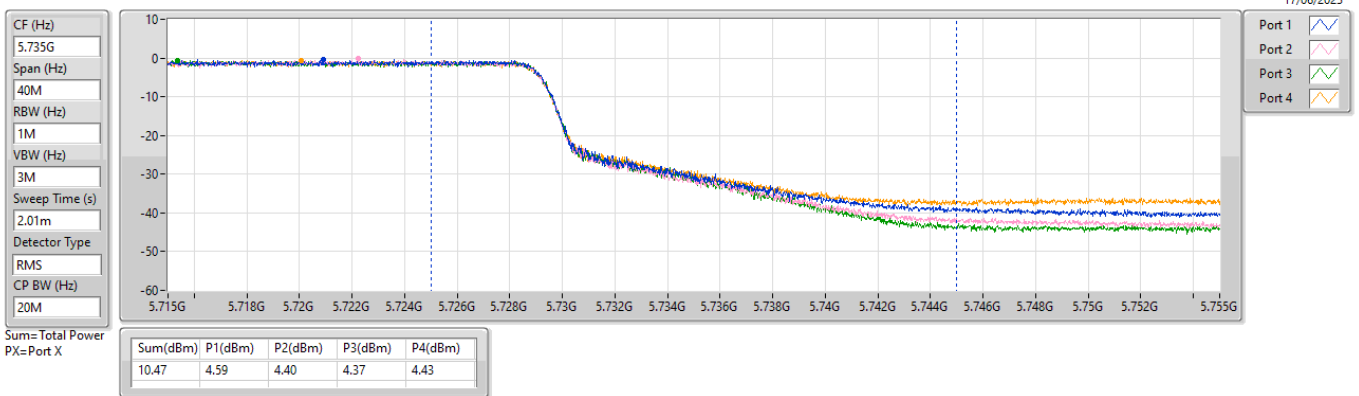
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

5690MHz Straddle 5.725-5.85GHz_TX





Average Power_Non-Beamforming_ Radio 2_Patch Array_1T1S_Full RU

Appendix C.4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	16.44	0.04406
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	16.45	0.04416
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	16.44	0.04406
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	16.37	0.04335
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	13.65	0.02317
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	10.03	0.01007
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	10.95	0.01245
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	6.85	0.00484
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	3.62	0.00230



Average Power_Non-Beamforming_ Radio 2_Patch Array_1T1S_Full RU

Appendix C.4

Result

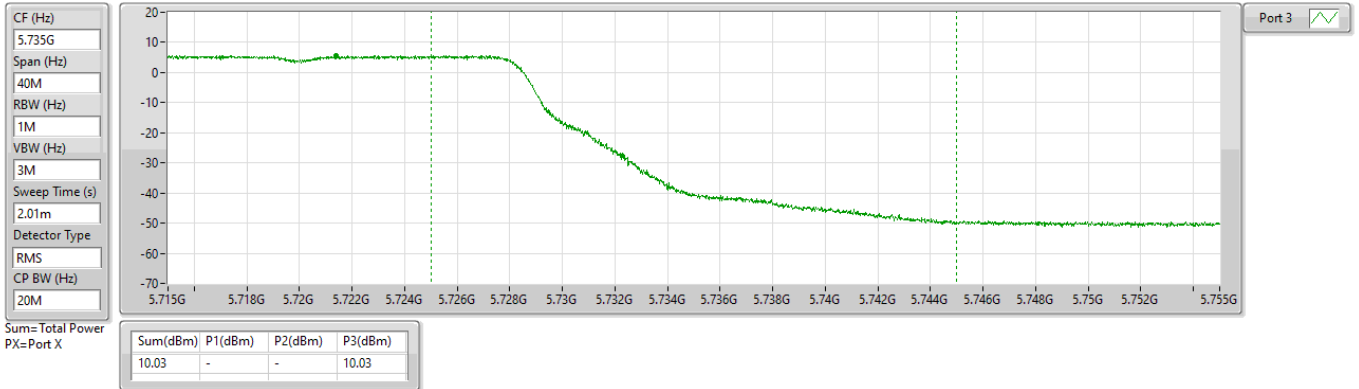
Mode	Result	DG (dBi)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	13.00	16.28	16.28	16.98
5580MHz	Pass	13.00	16.44	16.44	16.98
5700MHz	Pass	13.00	16.16	16.16	16.98
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	15.94	15.94	16.14
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	10.03	10.03	23.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	13.00	16.45	16.45	16.98
5580MHz	Pass	13.00	16.14	16.14	16.98
5700MHz	Pass	13.00	15.10	15.10	16.98
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	15.84	15.84	16.01
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	10.95	10.95	23.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5510MHz	Pass	13.00	16.17	16.17	16.98
5550MHz	Pass	13.00	16.44	16.44	16.98
5670MHz	Pass	13.00	16.34	16.34	16.98
5710MHz Straddle 5.47-5.725GHz	Pass	13.00	16.11	16.11	16.98
5710MHz Straddle 5.725-5.85GHz	Pass	13.00	6.85	6.85	23.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5530MHz	Pass	13.00	16.21	16.21	16.98
5610MHz	Pass	13.00	16.37	16.37	16.98
5690MHz Straddle 5.47-5.725GHz	Pass	13.00	16.33	16.33	16.98
5690MHz Straddle 5.725-5.85GHz	Pass	13.00	3.62	3.62	23.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	13.00	13.65	13.65	16.98

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

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

AV Power

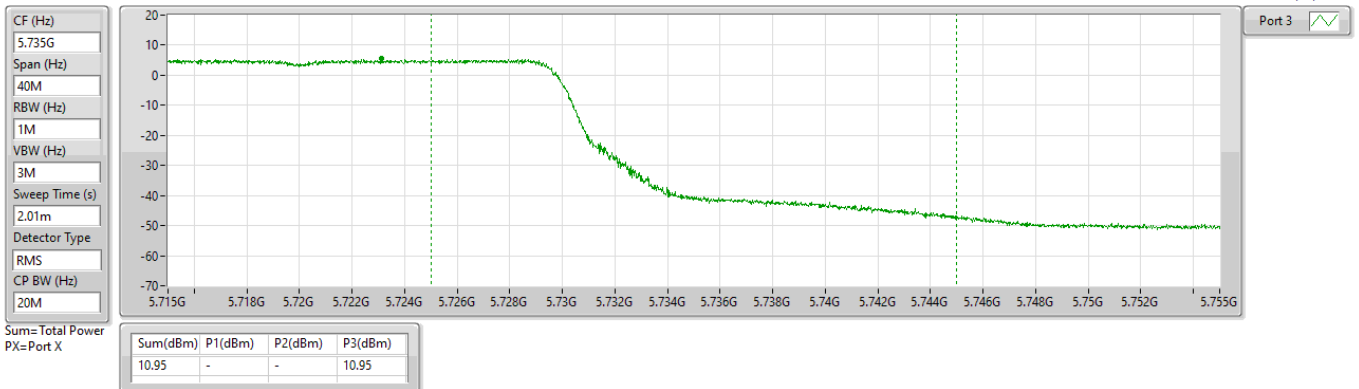
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

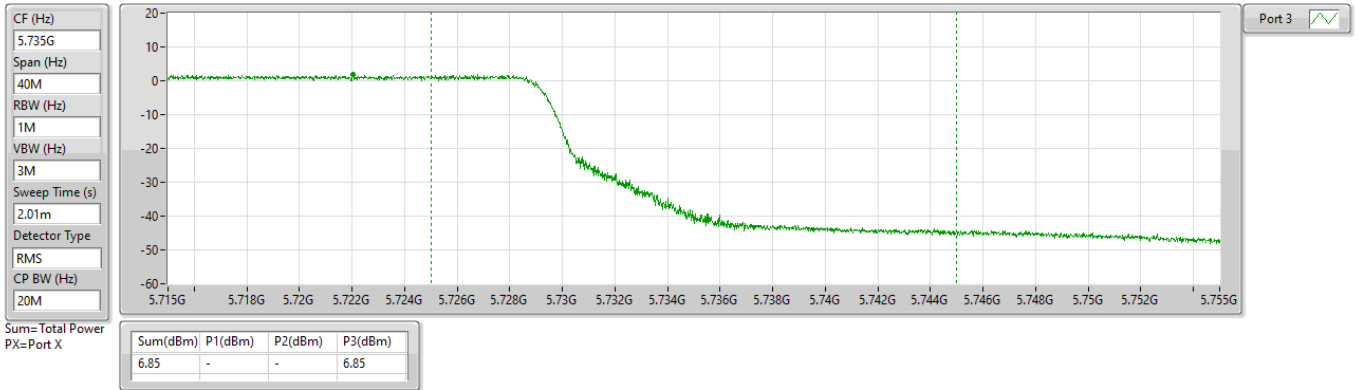
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

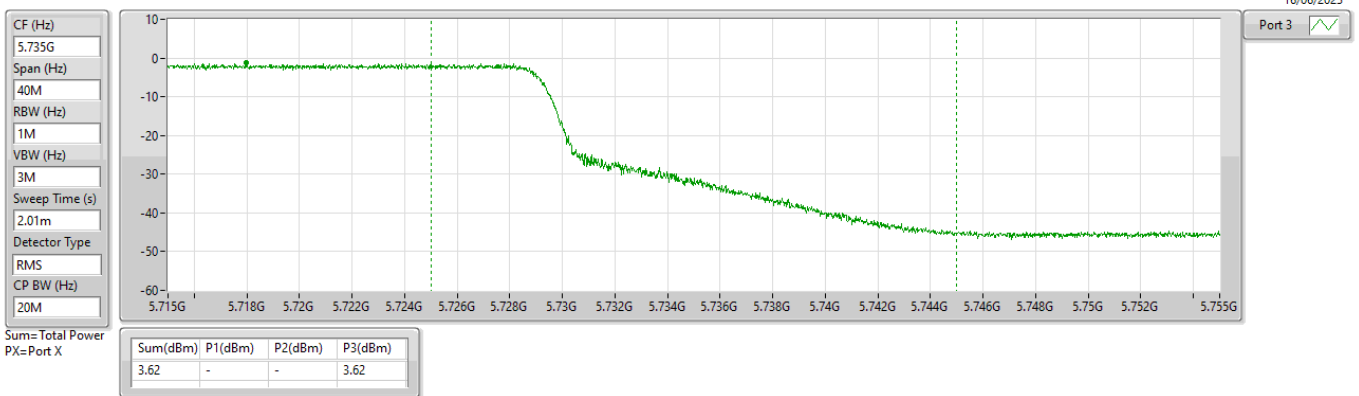
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

5690MHz Straddle 5.725-5.85GHz_TX





**Average Power_Non-Beamforming_
Radio 2_Patch Array_2T1S_Full RU**

Appendix C.5

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	14.40	0.02754
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	14.58	0.02871
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	16.00	0.03981
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	16.40	0.04365
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	12.17	0.01648
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	7.07	0.00509
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	8.48	0.00705
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	7.00	0.00501
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	3.25	0.00211



Average Power_Non-Beamforming_ Radio 2_Patch Array_2T1S_Full RU

Appendix C.5

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	13.00	11.29	11.48	14.40	16.98
5580MHz	Pass	13.00	10.87	11.09	13.99	16.98
5700MHz	Pass	13.00	10.42	10.83	13.64	16.98
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	10.01	9.87	12.95	15.96
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	4.19	3.92	7.07	23.00
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	13.00	11.42	11.61	14.53	16.98
5580MHz	Pass	13.00	11.46	11.67	14.58	16.98
5700MHz	Pass	13.00	7.83	8.02	10.94	16.98
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	10.41	10.20	13.32	15.93
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	5.59	5.35	8.48	23.00
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5510MHz	Pass	13.00	10.42	10.65	13.55	16.98
5550MHz	Pass	13.00	12.68	13.15	15.93	16.98
5670MHz	Pass	13.00	11.22	11.85	14.56	16.98
5710MHz Straddle 5.47-5.725GHz	Pass	13.00	13.05	12.92	16.00	16.98
5710MHz Straddle 5.725-5.85GHz	Pass	13.00	4.21	3.76	7.00	23.00
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5530MHz	Pass	13.00	10.42	10.79	13.62	16.98
5610MHz	Pass	13.00	12.94	13.54	16.26	16.98
5690MHz Straddle 5.47-5.725GHz	Pass	13.00	13.26	13.52	16.40	16.98
5690MHz Straddle 5.725-5.85GHz	Pass	13.00	0.44	0.04	3.25	23.00
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5570MHz	Pass	13.00	9.02	9.29	12.17	16.98

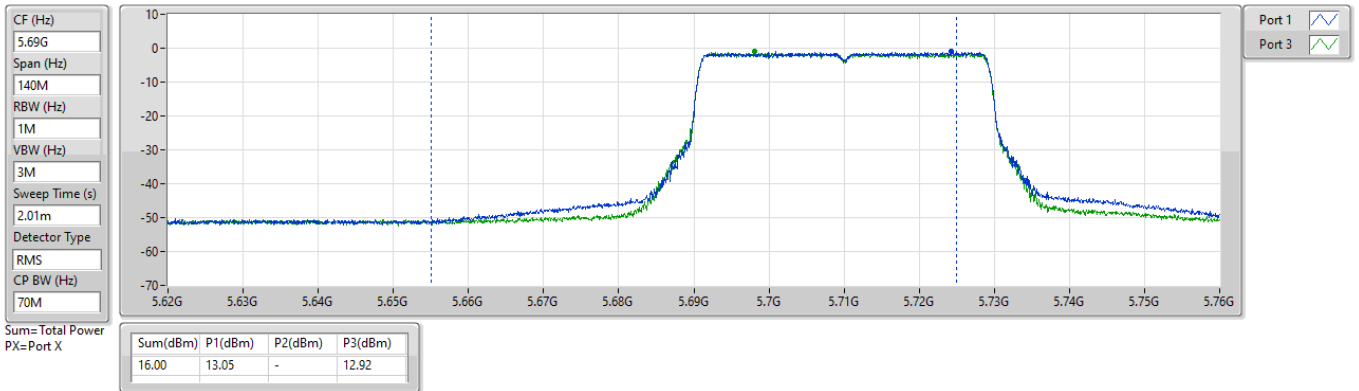
DG = Directional Gain; Port X = Port X output power
Inf = There's no restriction for the limit.



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

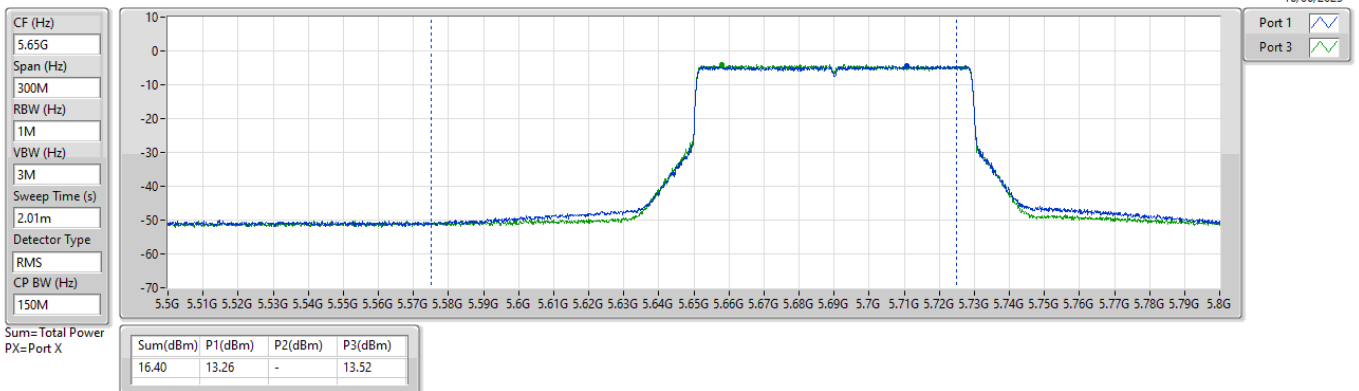
5710MHz Straddle 5.47-5.725GHz_TX



5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

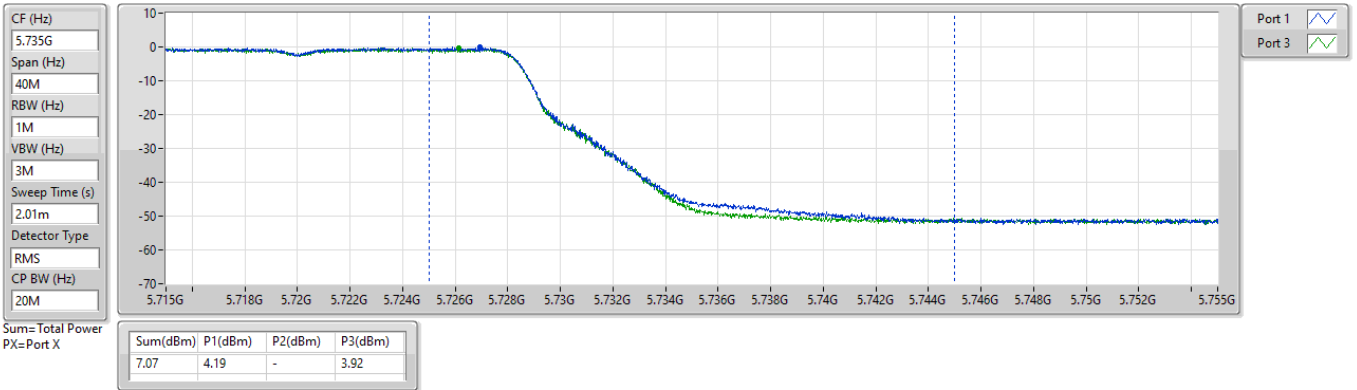
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

AV Power

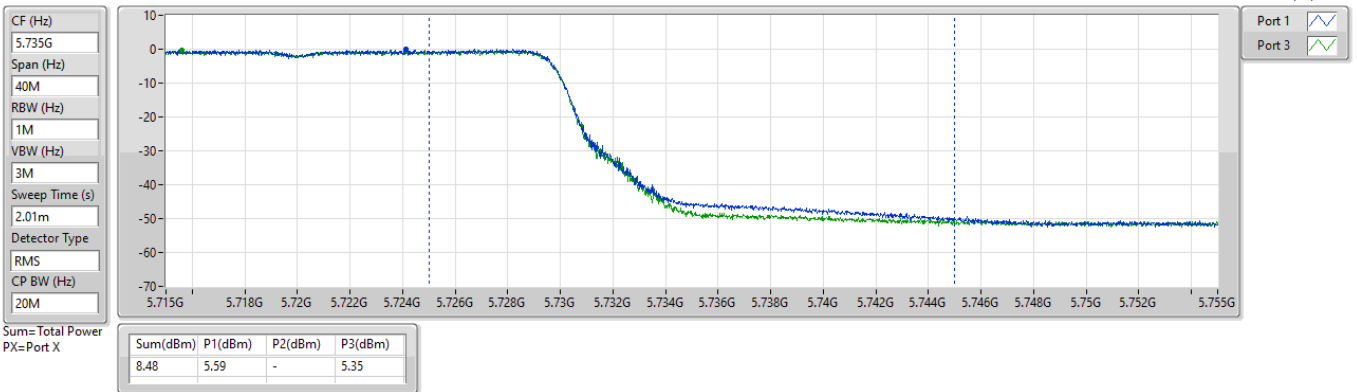
5720MHz Straddle 5.725-5.85GHz_TX



5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

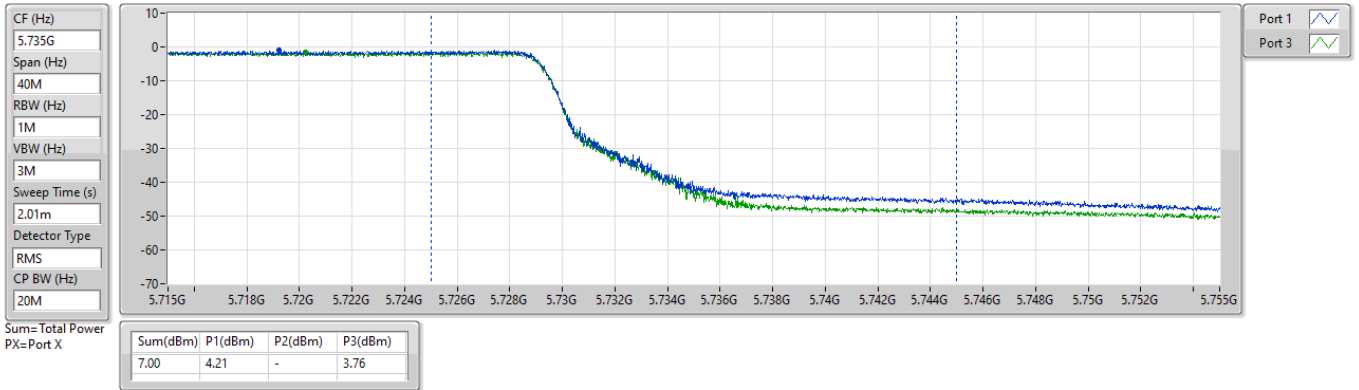
5720MHz Straddle 5.725-5.85GHz_TX



5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

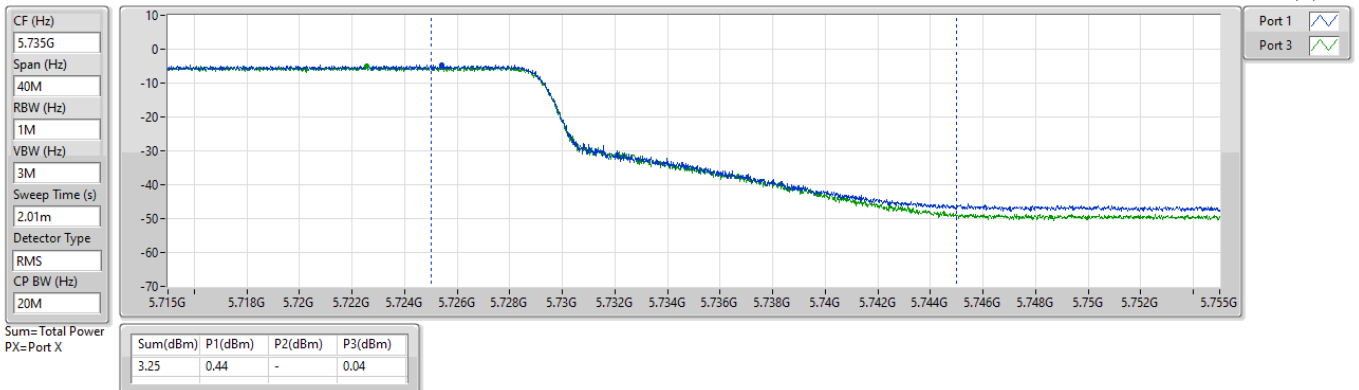
5710MHz Straddle 5.725-5.85GHz_TX



5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

AV Power

5690MHz Straddle 5.725-5.85GHz_TX





**Average Power_Non-Beamforming_
Radio 2_Patch Array_4T1S_Full RU**

Appendix C.6

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.63	0.01455
802.11be EHT20_Nss1,(MCS0)_4TX	12.07	0.01611
802.11be EHT40_Nss1,(MCS0)_4TX	15.39	0.03459
802.11be EHT80_Nss1,(MCS0)_4TX	15.09	0.03228
802.11be EHT160_Nss1,(MCS0)_4TX	12.01	0.01589
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	3.87	0.00244
802.11be EHT20_Nss1,(MCS0)_4TX	5.21	0.00332
802.11be EHT40_Nss1,(MCS0)_4TX	5.26	0.00336
802.11be EHT80_Nss1,(MCS0)_4TX	0.52	0.00113



Average Power_Non-Beamforming_ Radio 2_Patch Array_4T1S_Full RU

Appendix C.6

Result

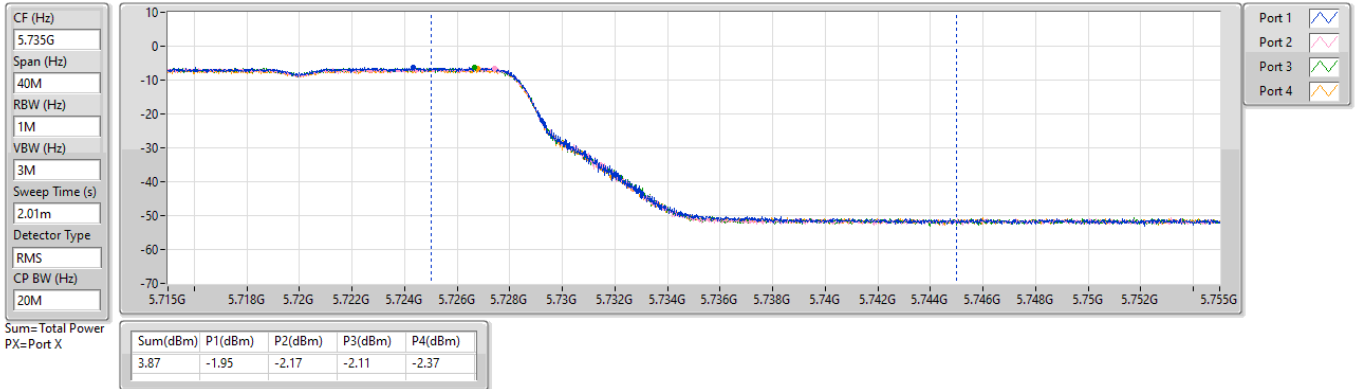
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	13.00	5.03	5.52	5.37	5.64	11.42	16.98
5580MHz	Pass	13.00	5.21	5.41	5.41	5.10	11.31	16.98
5700MHz	Pass	13.00	5.47	5.56	5.90	5.49	11.63	16.98
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	3.88	3.73	3.79	3.45	9.74	16.01
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	-1.95	-2.17	-2.11	-2.37	3.87	23.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	13.00	5.65	6.25	5.93	6.31	12.06	16.98
5580MHz	Pass	13.00	5.75	6.07	5.99	5.74	11.91	16.98
5700MHz	Pass	13.00	6.11	5.96	6.35	5.76	12.07	16.98
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	4.23	4.05	4.28	3.56	10.06	15.93
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	-0.52	-0.80	-0.70	-1.27	5.21	23.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	13.00	9.03	9.42	9.30	9.34	15.30	16.98
5550MHz	Pass	13.00	8.74	9.10	9.32	9.22	15.12	16.98
5670MHz	Pass	13.00	9.24	9.48	9.55	9.18	15.39	16.98
5710MHz Straddle 5.47-5.725GHz	Pass	13.00	8.40	8.13	8.52	8.03	14.30	16.98
5710MHz Straddle 5.725-5.85GHz	Pass	13.00	-0.45	-0.89	-0.69	-1.05	5.26	23.00
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	13.00	7.61	7.79	8.12	8.03	13.91	16.98
5610MHz	Pass	13.00	8.63	8.96	9.26	9.40	15.09	16.98
5690MHz Straddle 5.47-5.725GHz	Pass	13.00	7.00	7.01	7.15	6.79	13.01	16.98
5690MHz Straddle 5.725-5.85GHz	Pass	13.00	-5.25	-5.46	-5.57	-5.74	0.52	23.00
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	13.00	5.63	6.03	6.29	6.00	12.01	16.98

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

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

AV Power

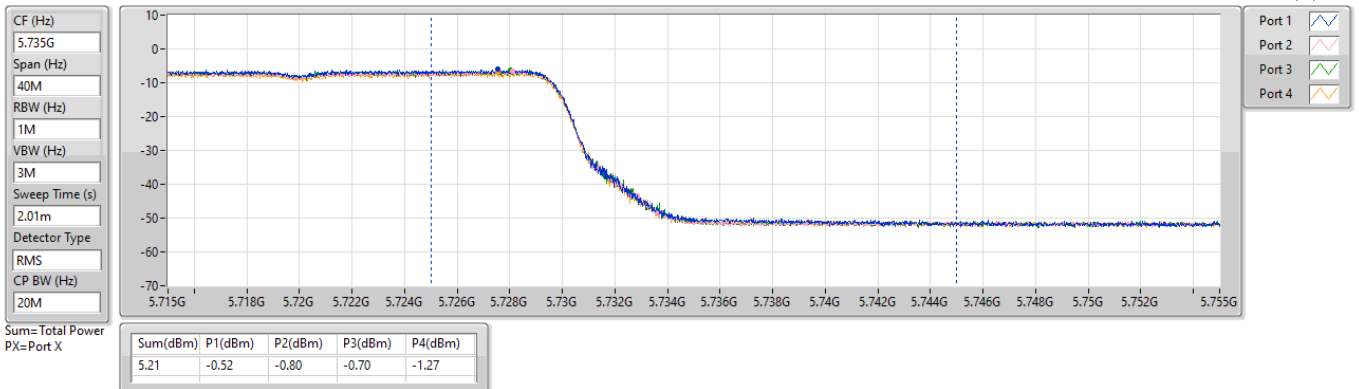
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

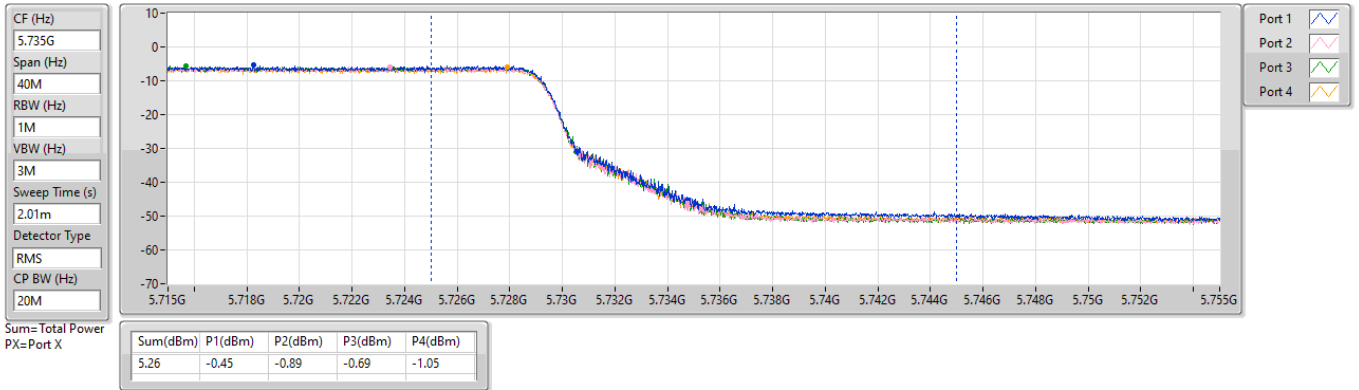
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

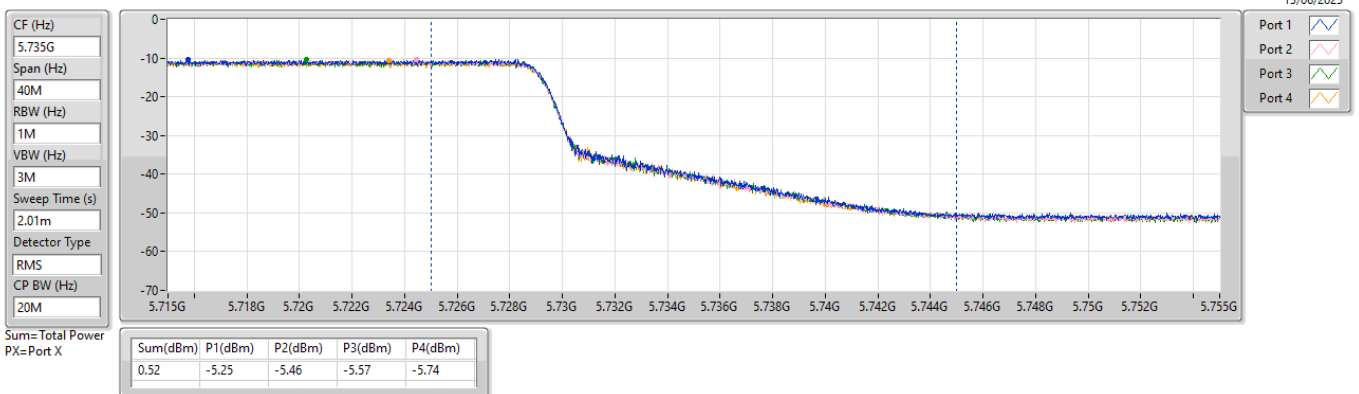
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

5690MHz Straddle 5.725-5.85GHz_TX





Average Power_Non-Beamforming_ Scan Radio_Downtilt Panel Omni

Appendix C.7

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	14.61	0.02891
802.11ax HEW20_Nss1,(MCS0)_1TX	14.12	0.02582
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.90	0.00389
802.11ax HEW20_Nss1,(MCS0)_1TX	6.40	0.00437



Average Power_Non-Beamforming_ Scan Radio_Downtilt Panel Omni

Appendix C.7

Result

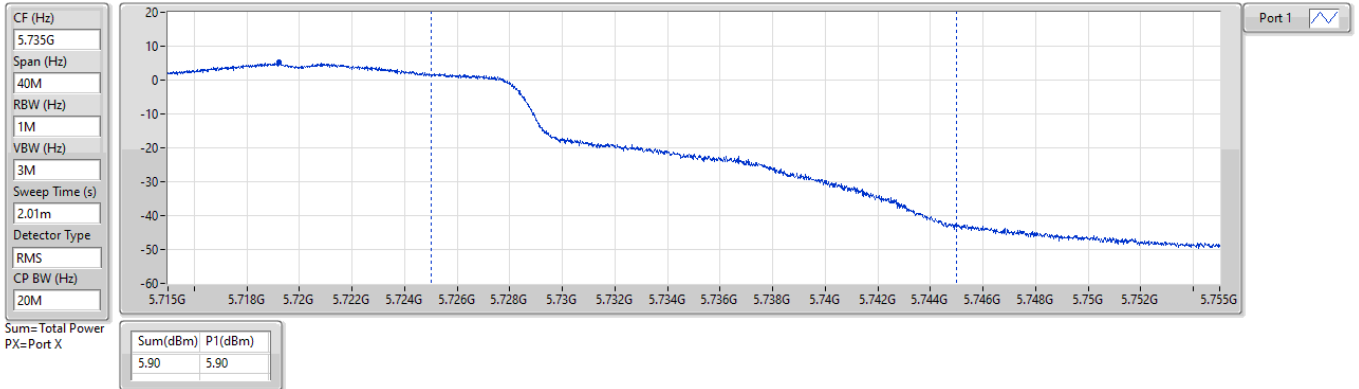
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5500MHz	Pass	3.70	14.49	14.49	23.98
5580MHz	Pass	3.70	13.19	13.19	23.98
5700MHz	Pass	3.70	14.61	14.61	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	14.03	14.03	23.11
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	5.90	5.90	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5500MHz	Pass	3.70	14.12	14.12	23.98
5580MHz	Pass	3.70	12.91	12.91	23.98
5700MHz	Pass	3.70	12.20	12.20	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	13.53	13.53	23.12
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	6.40	6.40	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

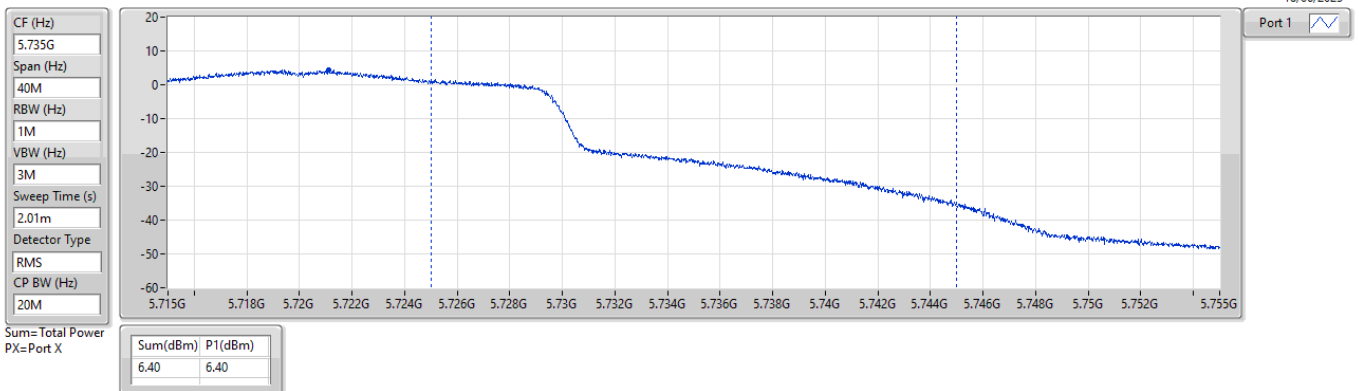
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

5720MHz Straddle 5.725-5.85GHz_TX





Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	14.03	0.02529
802.11ax HEW20_Nss1,(MCS0)_1TX	13.53	0.02254
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.90	0.00389
802.11ax HEW20_Nss1,(MCS0)_1TX	6.40	0.00437

**Result**

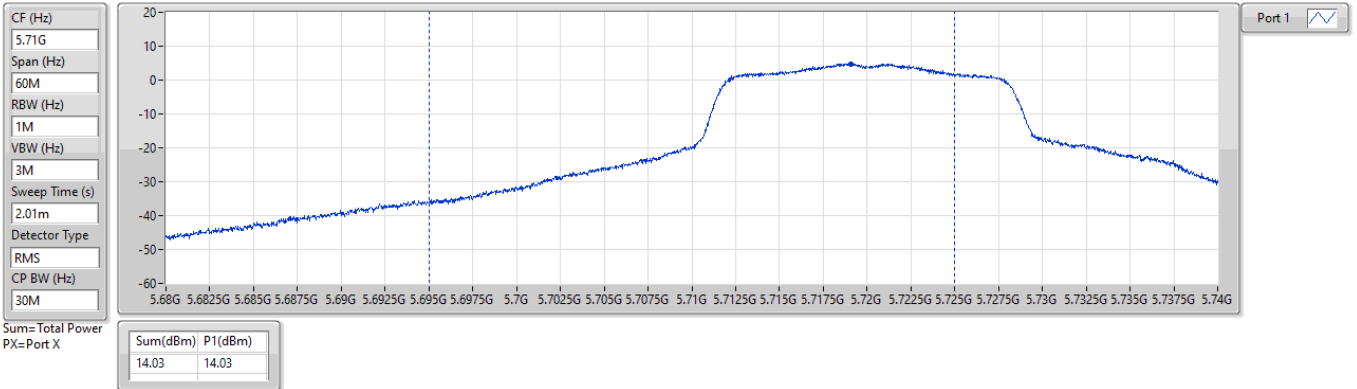
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5500MHz	Pass	13.00	11.20	11.20	16.73
5580MHz	Pass	13.00	13.19	13.19	16.98
5700MHz	Pass	13.00	12.39	12.39	16.87
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	14.03	14.03	16.11
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	5.90	5.90	23.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5500MHz	Pass	13.00	10.47	10.47	16.98
5580MHz	Pass	13.00	12.91	12.91	16.98
5700MHz	Pass	13.00	9.81	9.81	16.98
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	13.53	13.53	16.12
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	6.40	6.40	23.00

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

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

AV Power

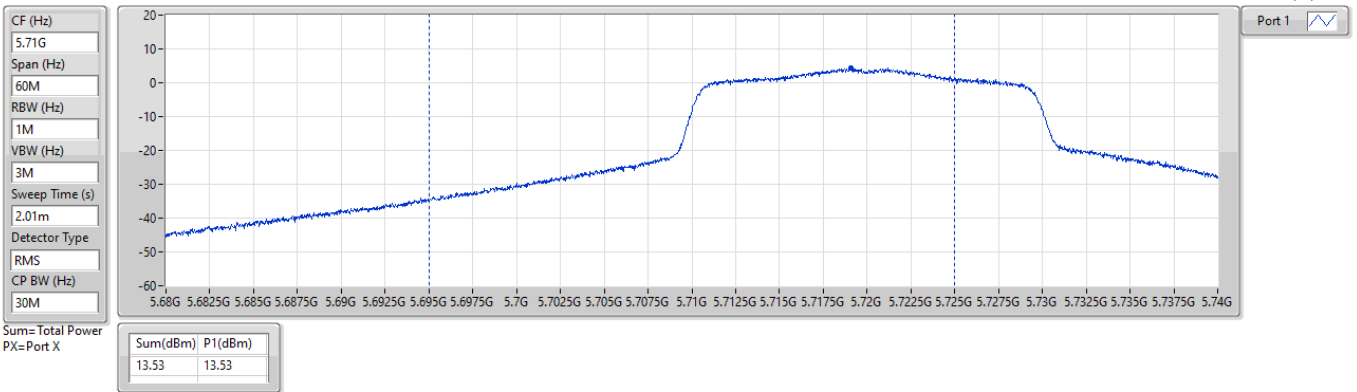
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

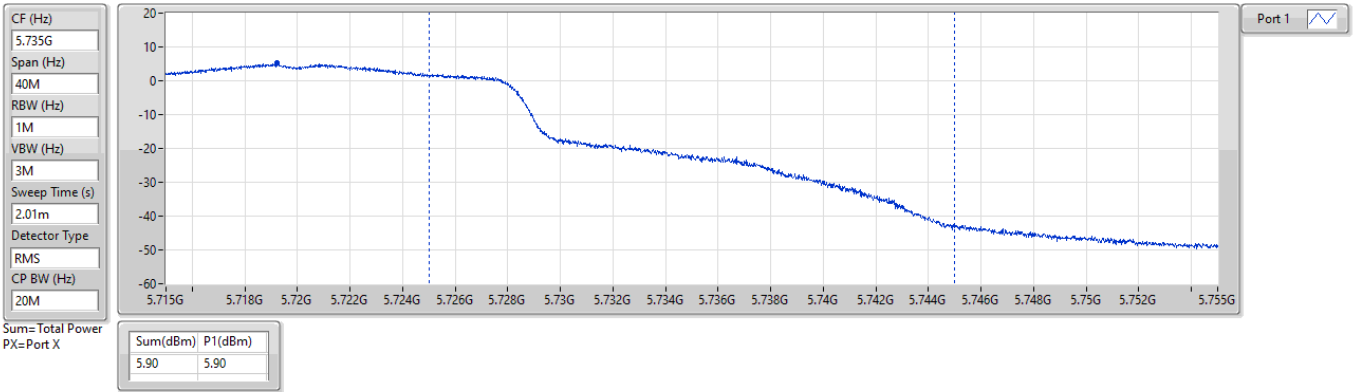
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

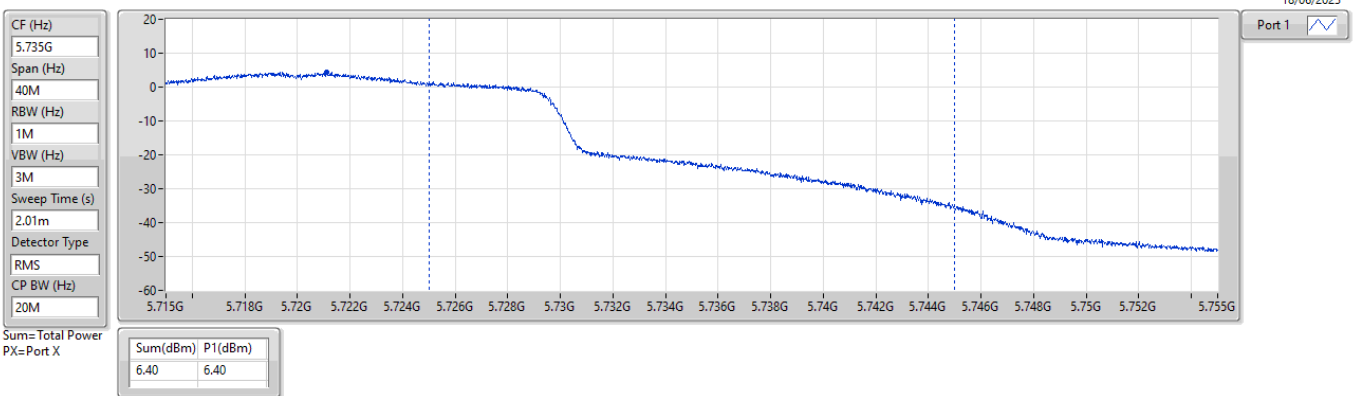
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

5720MHz Straddle 5.725-5.85GHz_TX



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	19.42	0.08750
802.11be EHT40-BF_Nss1,(MCS0)_4TX	19.65	0.09226
802.11be EHT80-BF_Nss1,(MCS0)_4TX	19.75	0.09441
802.11be EHT160-BF_Nss1,(MCS0)_4TX	17.14	0.05176
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	13.68	0.02333
802.11be EHT40-BF_Nss1,(MCS0)_4TX	10.58	0.01143
802.11be EHT80-BF_Nss1,(MCS0)_4TX	6.94	0.00494

**Result**

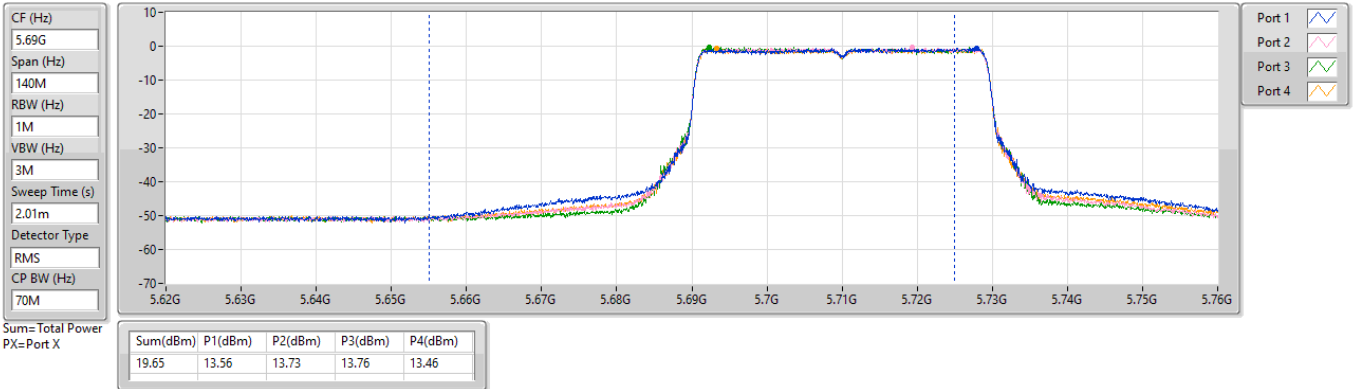
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	9.72	13.04	13.80	13.35	13.36	19.42	20.26
5580MHz	Pass	9.72	12.89	13.35	13.49	13.38	19.30	20.26
5700MHz	Pass	9.72	12.51	12.47	12.69	12.21	18.49	20.26
5720MHz Straddle 5.47-5.725GHz	Pass	9.72	12.58	12.23	12.38	12.11	18.35	19.24
5720MHz Straddle 5.725-5.85GHz	Pass	9.72	7.91	7.44	7.84	7.42	13.68	26.28
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	9.72	13.25	13.78	13.70	13.38	19.55	20.26
5550MHz	Pass	9.72	13.00	13.54	13.71	13.68	19.51	20.26
5670MHz	Pass	9.72	12.86	13.63	13.65	13.33	19.40	20.26
5710MHz Straddle 5.47-5.725GHz	Pass	9.72	13.56	13.73	13.76	13.46	19.65	20.26
5710MHz Straddle 5.725-5.85GHz	Pass	9.72	4.65	4.61	4.58	4.39	10.58	26.28
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	9.72	13.48	13.70	14.06	13.65	19.75	20.26
5610MHz	Pass	9.72	12.79	13.53	13.55	13.78	19.45	20.26
5690MHz Straddle 5.47-5.725GHz	Pass	9.72	13.38	13.46	13.60	13.20	19.43	20.26
5690MHz Straddle 5.725-5.85GHz	Pass	9.72	1.09	0.93	0.86	0.81	6.94	26.28
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	9.72	10.87	11.07	11.37	11.14	17.14	20.26

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

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

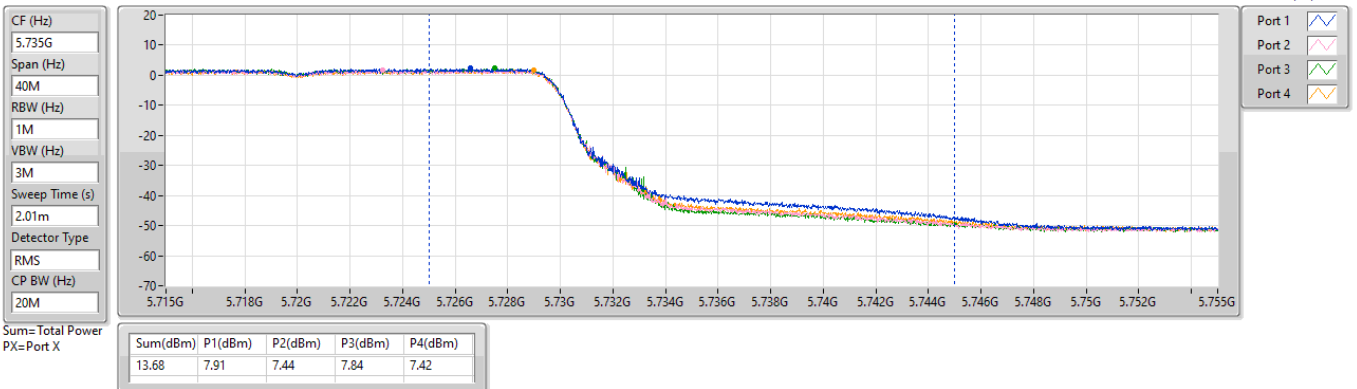
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

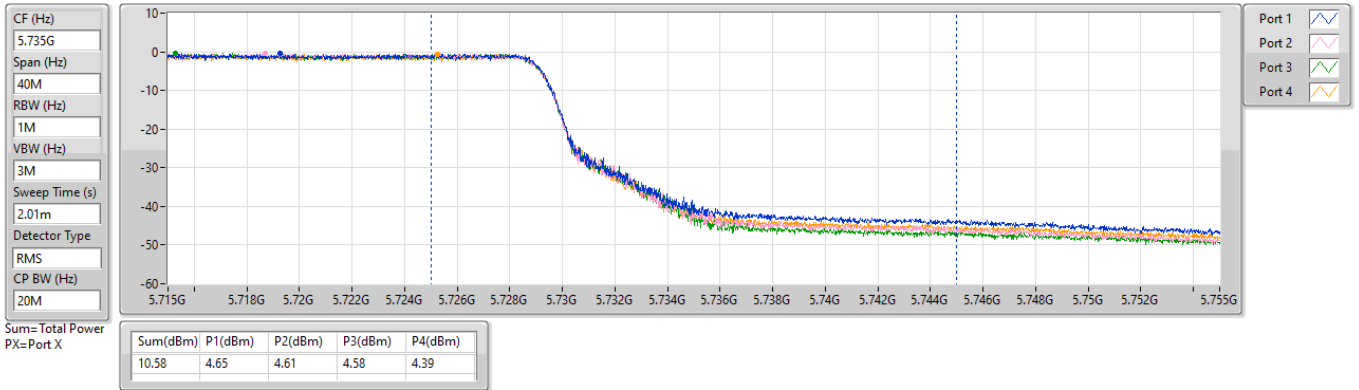
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

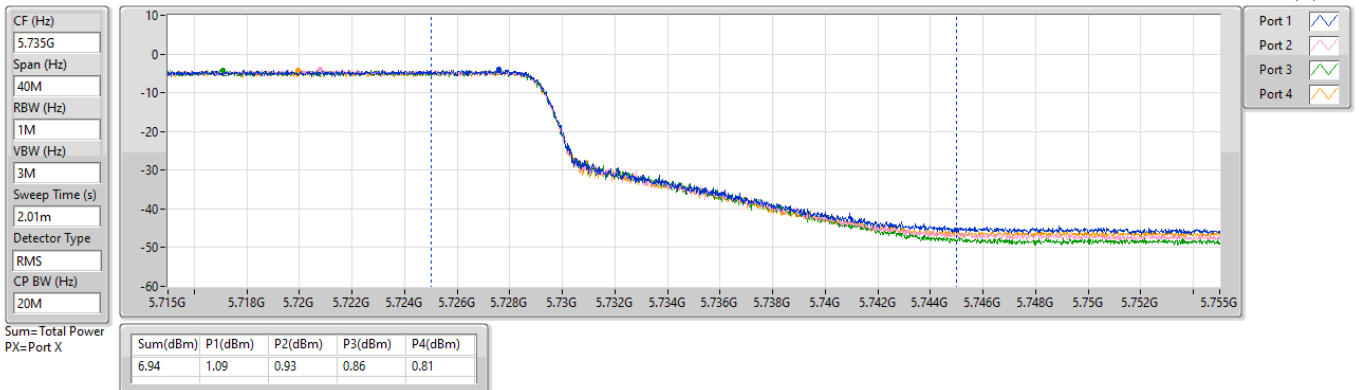
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

5690MHz Straddle 5.725-5.85GHz_TX



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	10.45	0.01109
802.11be EHT40-BF_Nss1,(MCS0)_4TX	10.27	0.01064
802.11be EHT80-BF_Nss1,(MCS0)_4TX	10.36	0.01086
802.11be EHT160-BF_Nss1,(MCS0)_4TX	10.38	0.01091
5.725-5.85GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	4.50	0.00282
802.11be EHT40-BF_Nss1,(MCS0)_4TX	1.26	0.00134
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-2.02	0.00063

Result

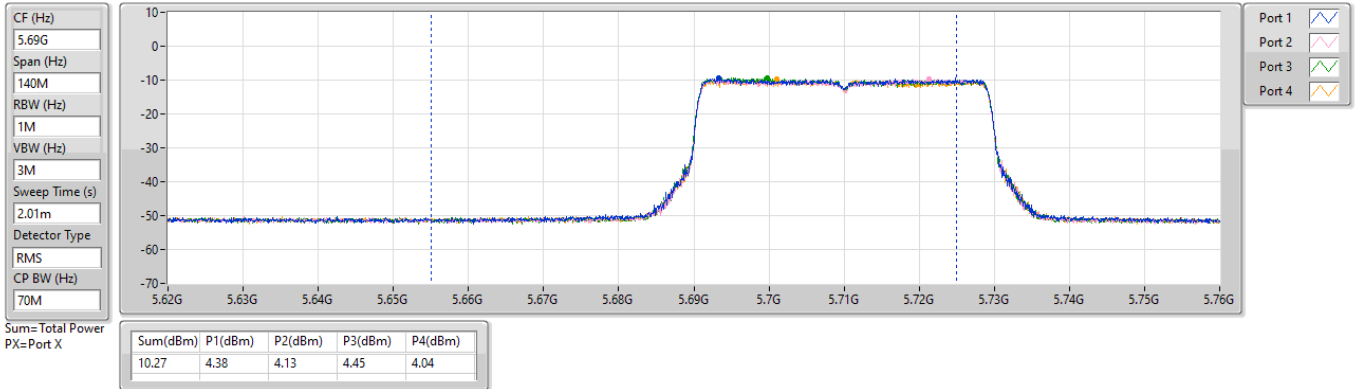
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	19.02	4.02	4.60	4.33	4.67	10.43	10.96
5580MHz	Pass	19.02	3.96	4.36	4.24	4.00	10.16	10.96
5700MHz	Pass	19.02	4.48	4.35	4.72	4.13	10.45	10.96
5720MHz Straddle 5.47-5.725GHz	Pass	19.02	3.28	3.27	3.56	2.81	9.26	9.91
5720MHz Straddle 5.725-5.85GHz	Pass	19.02	-1.02	-1.63	-1.69	-1.79	4.50	16.98
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	19.02	3.89	4.28	4.19	4.24	10.17	10.96
5550MHz	Pass	19.02	3.62	3.96	4.19	4.12	10.00	10.96
5670MHz	Pass	19.02	4.09	4.38	4.41	4.06	10.26	10.96
5710MHz Straddle 5.47-5.725GHz	Pass	19.02	4.38	4.13	4.45	4.04	10.27	10.96
5710MHz Straddle 5.725-5.85GHz	Pass	19.02	-4.65	-4.83	-4.85	-4.70	1.26	16.98
802.11be EHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	19.02	3.96	4.14	4.50	4.39	10.27	10.96
5610MHz	Pass	19.02	3.51	3.83	4.16	4.26	9.97	10.96
5690MHz Straddle 5.47-5.725GHz	Pass	19.02	4.57	3.72	4.60	4.43	10.36	10.96
5690MHz Straddle 5.725-5.85GHz	Pass	19.02	-7.76	-8.20	-8.13	-8.08	-2.02	16.98
802.11be EHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	19.02	3.99	4.38	4.64	4.40	10.38	10.96

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

5.47-5.725GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

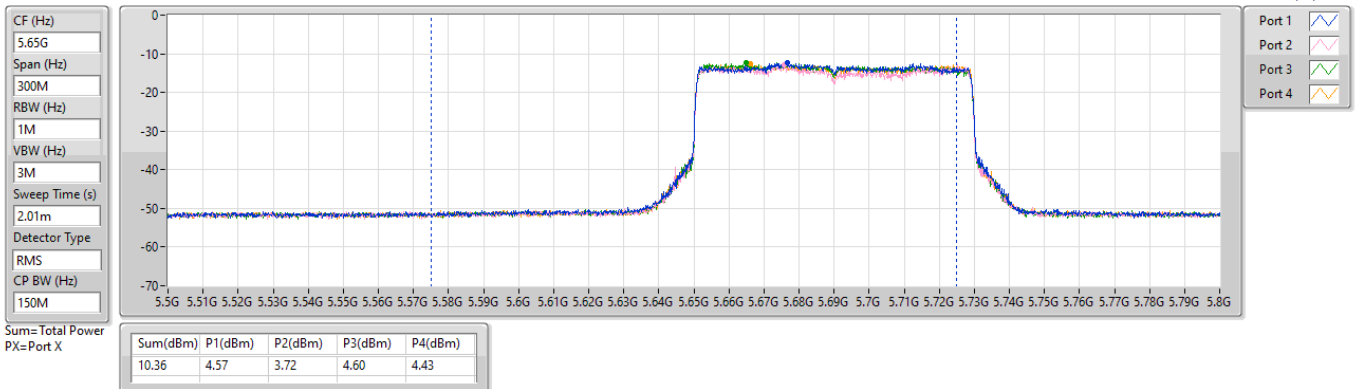
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

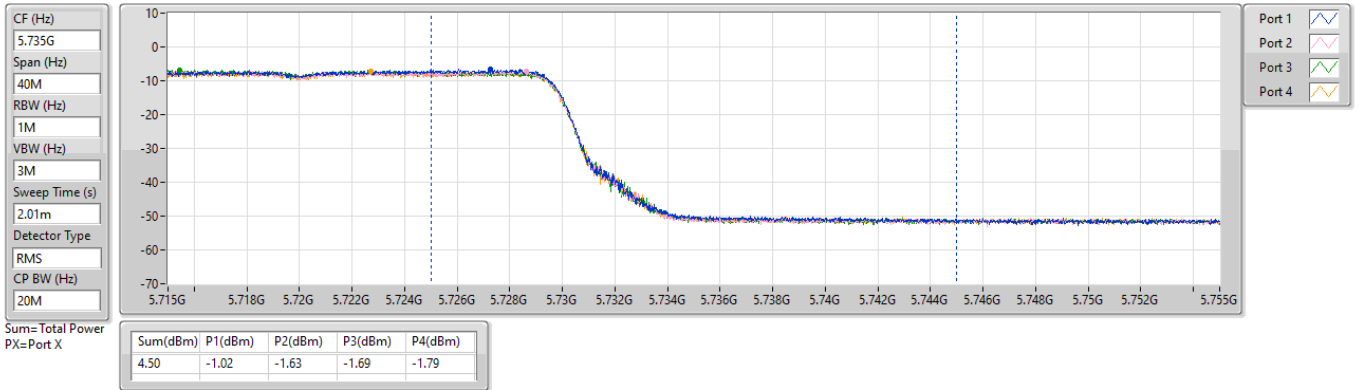
5690MHz Straddle 5.47-5.725GHz_TX



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

AV Power

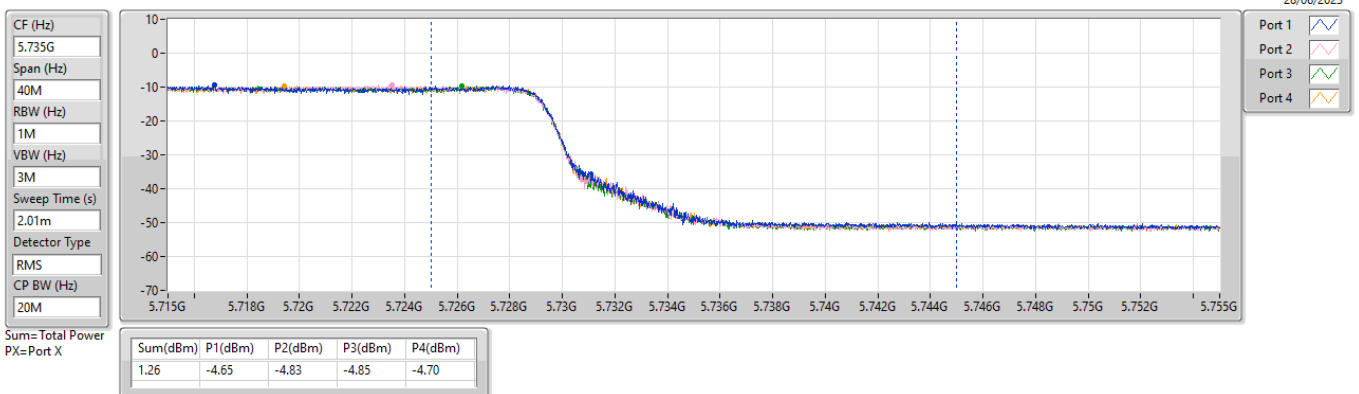
5720MHz Straddle 5.725-5.85GHz_TX

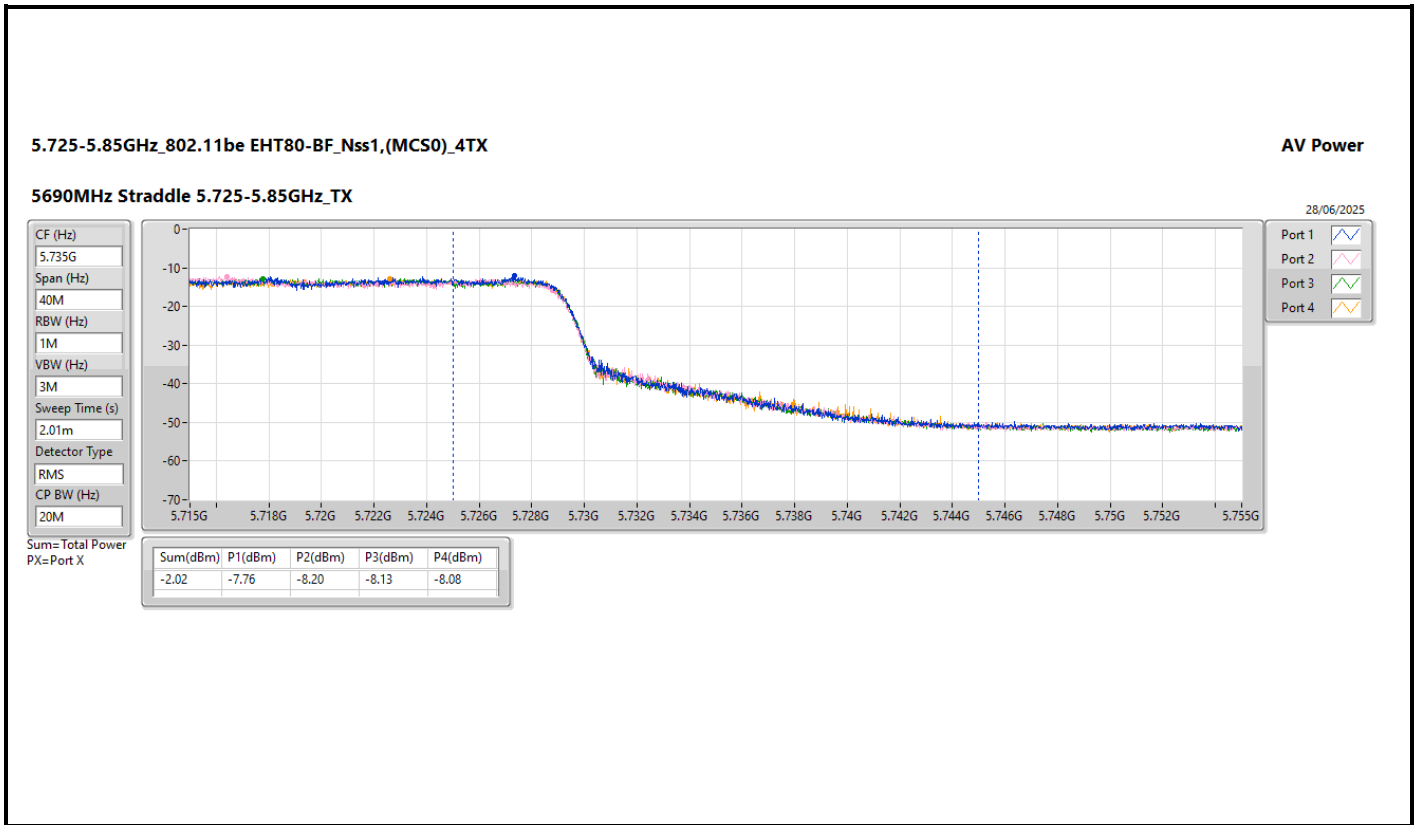


5.725-5.85GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX







**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Full RU**

Appendix D.1

Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	5.21
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	4.66
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	1.73
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-1.09
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-4.06
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	3.48
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	3.07
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-0.23
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-3.45

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_1T1S_Full RU**

Appendix D.1

Result

Mode	Result	DG (dBi)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	3.70	4.92	4.92	11.00
5580MHz	Pass	3.70	5.03	5.03	11.00
5700MHz	Pass	3.70	5.21	5.21	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	5.12	5.12	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	3.48	3.48	30.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	3.70	4.40	4.40	11.00
5580MHz	Pass	3.70	4.60	4.60	11.00
5700MHz	Pass	3.70	4.66	4.66	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.70	4.57	4.57	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.70	3.07	3.07	30.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5510MHz	Pass	3.70	1.50	1.50	11.00
5550MHz	Pass	3.70	1.73	1.73	11.00
5670MHz	Pass	3.70	1.68	1.68	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.70	1.59	1.59	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.70	-0.23	-0.23	30.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5530MHz	Pass	3.70	-1.09	-1.09	11.00
5610MHz	Pass	3.70	-1.36	-1.36	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.70	-1.73	-1.73	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.70	-3.45	-3.45	30.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	3.70	-4.06	-4.06	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.



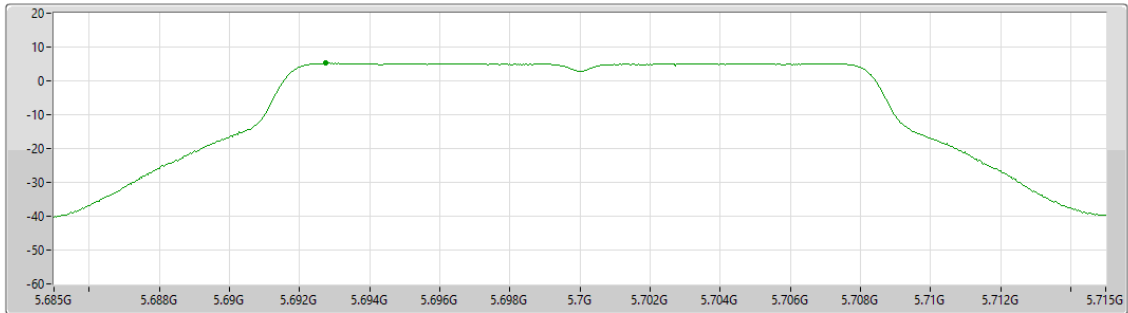
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX(Port3)

PSD

5700MHz

18/06/2025

CF (Hz)
5.7G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.939
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.21	5.21	-	-	5.21

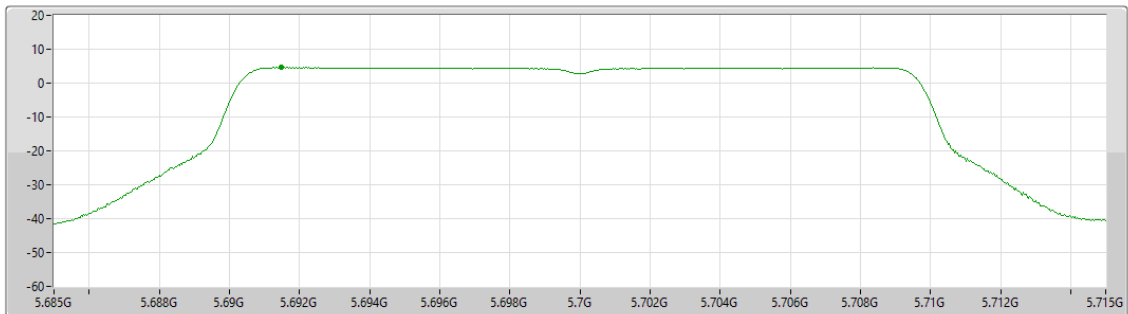
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_1TX(Port3)

PSD

5700MHz

18/06/2025

CF (Hz)
5.7G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Port 3

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	-	-	4.66

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

PSD

5550MHz

18/06/2025



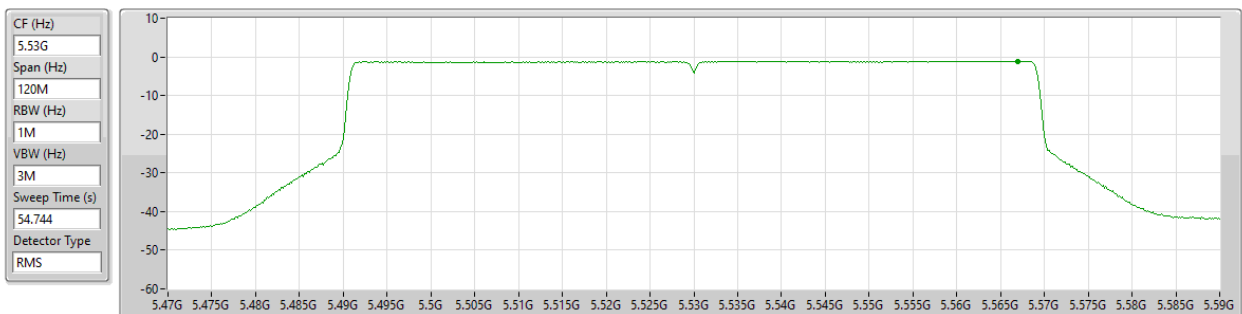
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.73	1.73	-	-	1.73

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

PSD

5530MHz

18/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.09	-1.09	-	-	-1.09

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

PSD

5570MHz

18/06/2025

CF (Hz)
5.57G

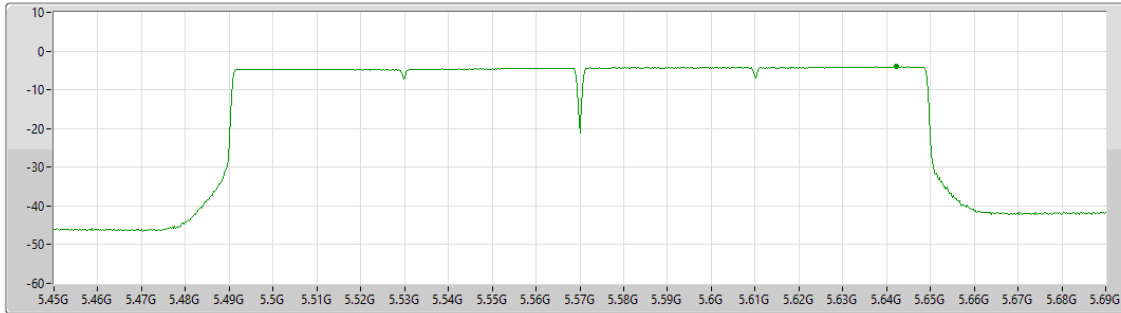
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.06	-4.06	-	-	-4.06

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

PSD

5720MHz Straddle 5.725-5.85GHz

18/06/2025

CF (Hz)
5.735G

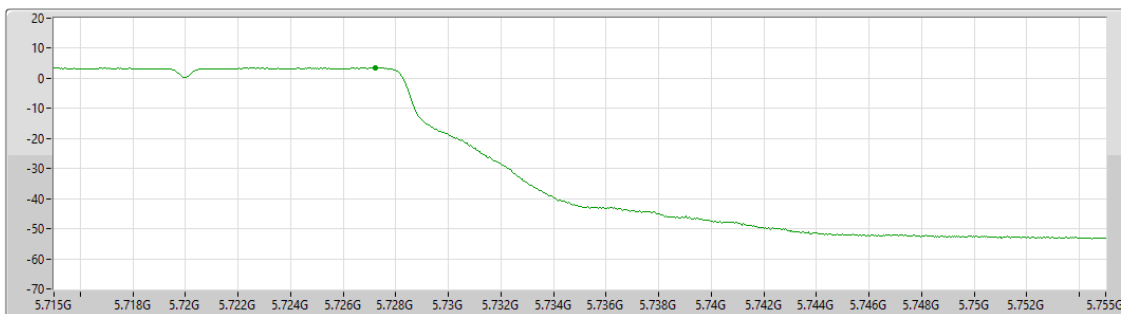
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.939

Detector Type
RMS



Port 3 

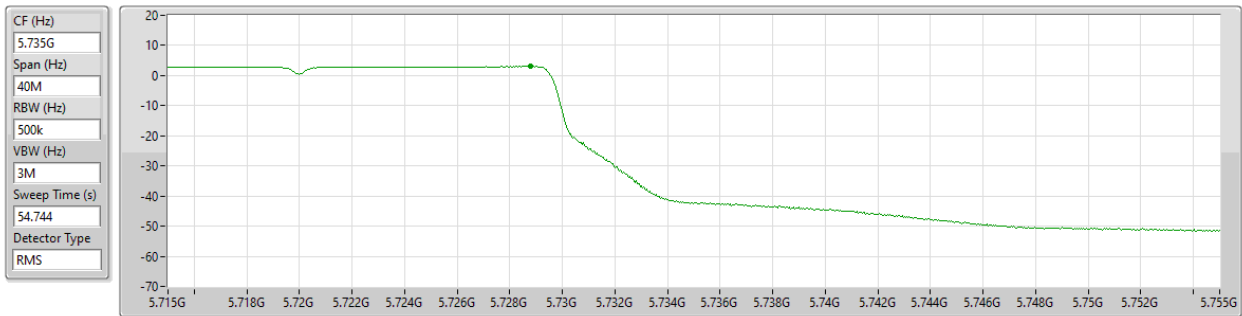
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	-	-	3.48

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

PSD

5720MHz Straddle 5.725-5.85GHz

18/06/2025



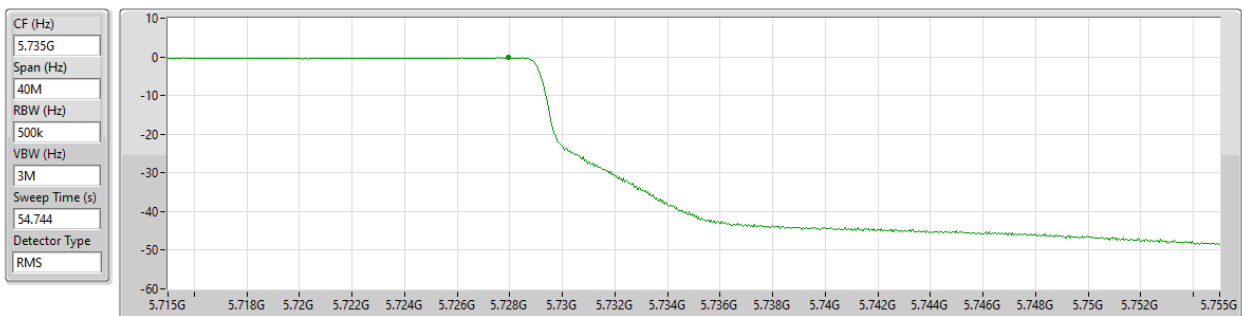
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.07	3.07	-	-	3.07

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

PSD

5710MHz Straddle 5.725-5.85GHz

18/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.23	-0.23	-	-	-0.23

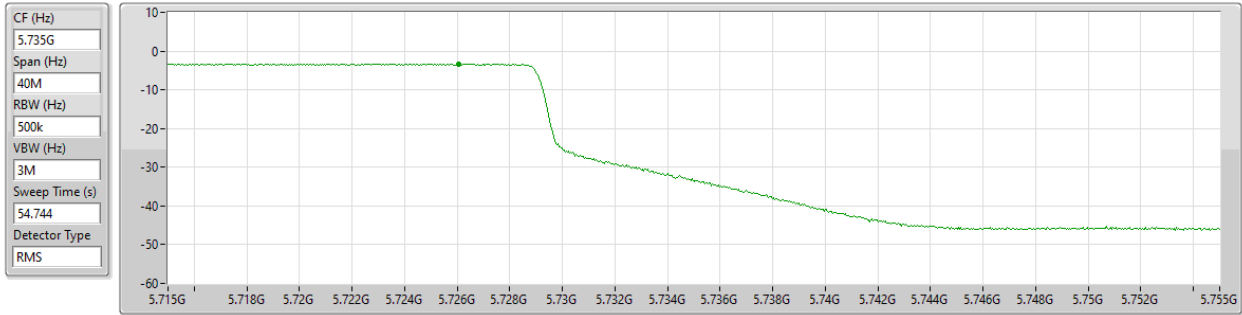


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

18/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.45	-3.45	-	-	-3.45



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_2T1S_Full RU**

Appendix D.2

Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	8.31
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	7.70
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	4.73
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	1.42
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-8.76
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	6.75
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	6.25
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	3.17
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-0.17

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_2T1S_Full RU**

Appendix D.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	6.71	2.87	3.35	6.03	10.29
5580MHz	Pass	6.71	4.85	5.31	8.02	10.29
5700MHz	Pass	6.71	5.24	5.34	8.27	10.29
5720MHz Straddle 5.47-5.725GHz	Pass	6.71	5.29	5.31	8.31	10.29
5720MHz Straddle 5.725-5.85GHz	Pass	6.71	3.82	3.77	6.75	29.29
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	6.71	1.89	2.35	5.11	10.29
5580MHz	Pass	6.71	4.43	4.70	7.54	10.29
5700MHz	Pass	6.71	1.93	2.24	5.05	10.29
5720MHz Straddle 5.47-5.725GHz	Pass	6.71	4.61	4.79	7.70	10.29
5720MHz Straddle 5.725-5.85GHz	Pass	6.71	3.38	3.17	6.25	29.29
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5510MHz	Pass	6.71	1.05	1.69	4.35	10.29
5550MHz	Pass	6.71	1.49	2.03	4.65	10.29
5670MHz	Pass	6.71	1.47	1.99	4.73	10.29
5710MHz Straddle 5.47-5.725GHz	Pass	6.71	1.73	1.71	4.62	10.29
5710MHz Straddle 5.725-5.85GHz	Pass	6.71	0.39	0.01	3.17	29.29
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5530MHz	Pass	6.71	-3.09	-2.50	0.09	10.29
5610MHz	Pass	6.71	-3.56	-2.99	-0.40	10.29
5690MHz Straddle 5.47-5.725GHz	Pass	6.71	-1.61	-1.43	1.42	10.29
5690MHz Straddle 5.725-5.85GHz	Pass	6.71	-3.06	-3.28	-0.17	29.29
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5570MHz	Pass	6.71	-11.59	-11.26	-8.76	10.29

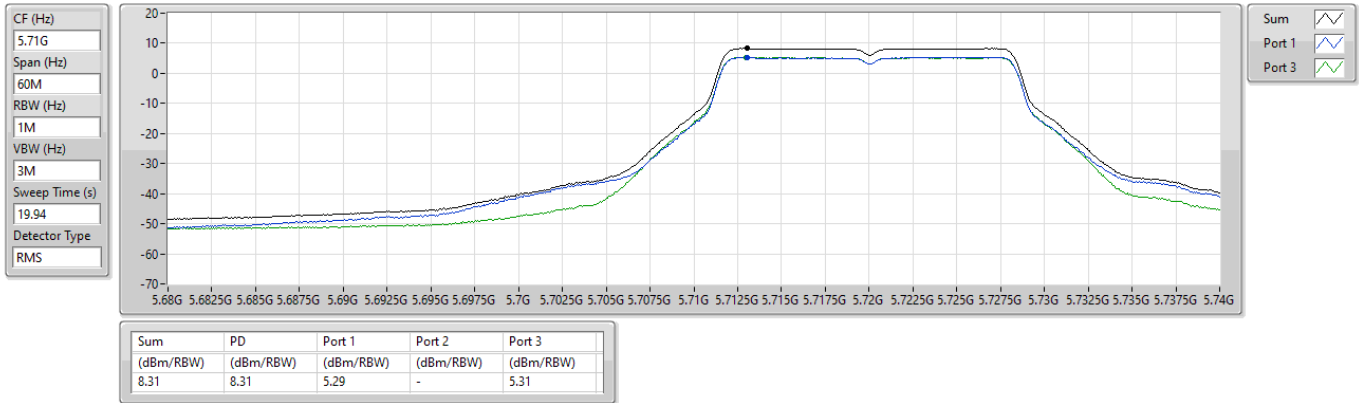
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.47-5.725GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

PSD

5720MHz Straddle 5.47-5.725GHz

17/06/2025

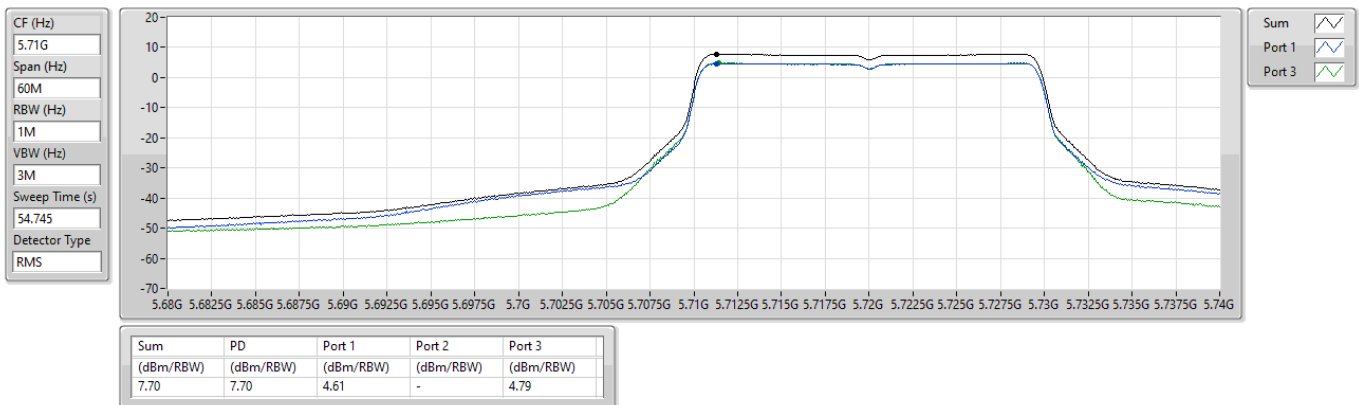


5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5720MHz Straddle 5.47-5.725GHz

17/06/2025



5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5670MHz

01/07/2025

CF (Hz)
5.67G

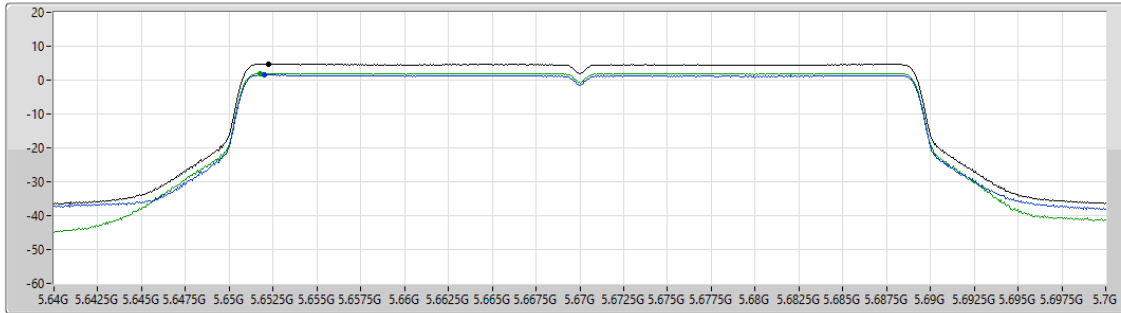
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.745

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 3 ☒

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.73	4.73	1.47	-	1.99

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5690MHz Straddle 5.47-5.725GHz

17/06/2025

CF (Hz)
5.65G

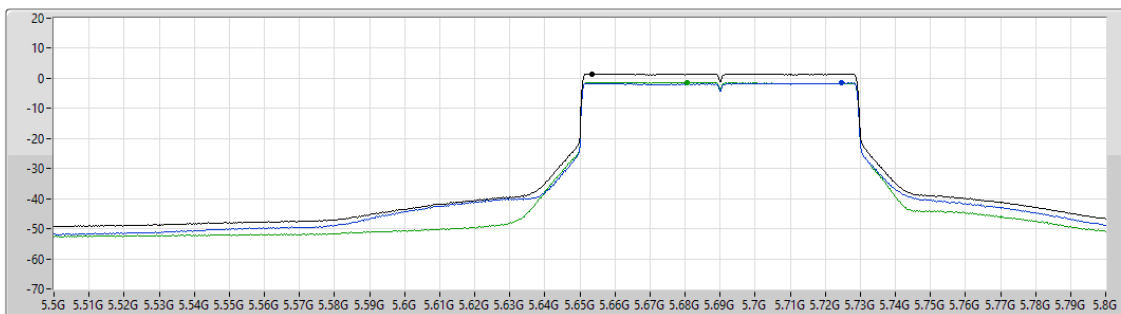
Span (Hz)
300M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.745

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 3 ☒

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.42	1.42	-1.61	-	-1.43

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5570MHz

17/06/2025



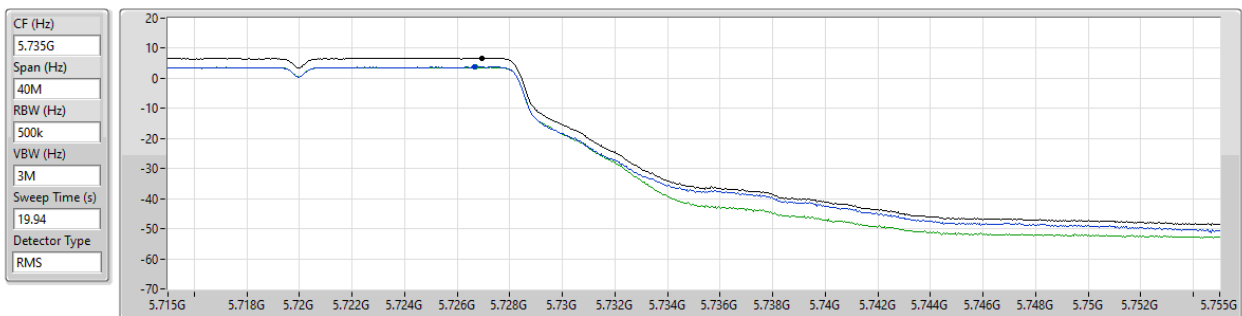
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.76	-8.76	-11.59	-	-11.26

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

PSD

5720MHz Straddle 5.725-5.85GHz

17/06/2025



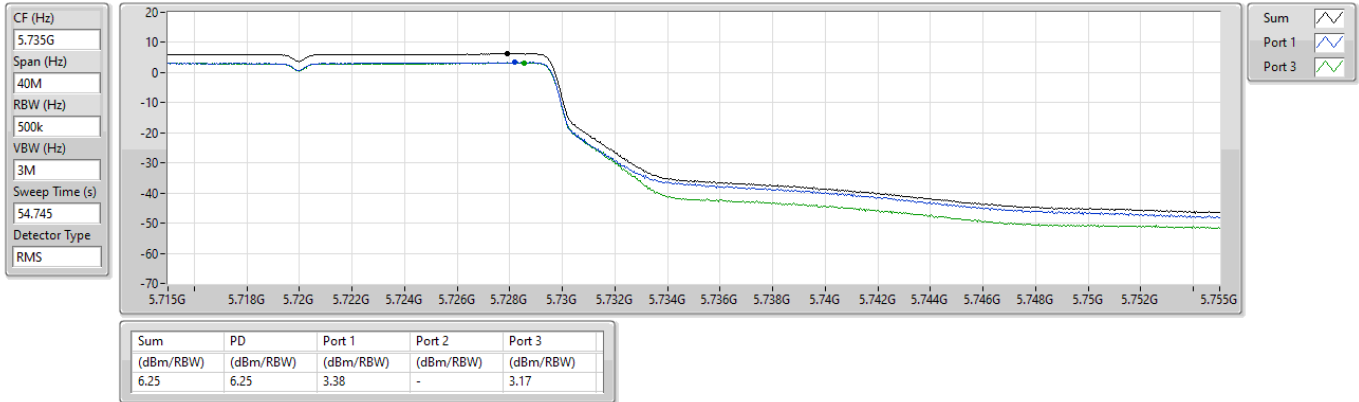
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.75	6.75	3.82	-	3.77

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5720MHz Straddle 5.725-5.85GHz

17/06/2025

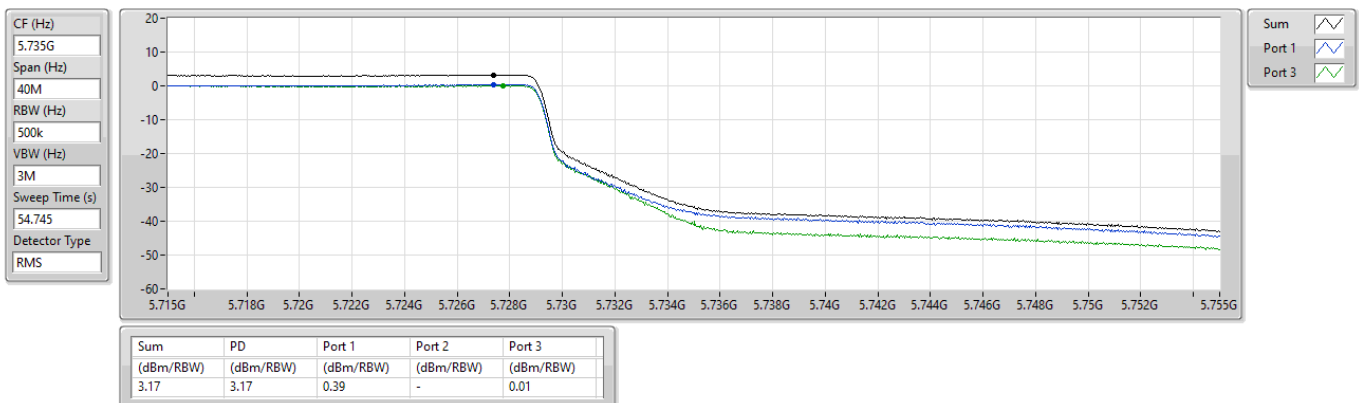


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5710MHz Straddle 5.725-5.85GHz

17/06/2025



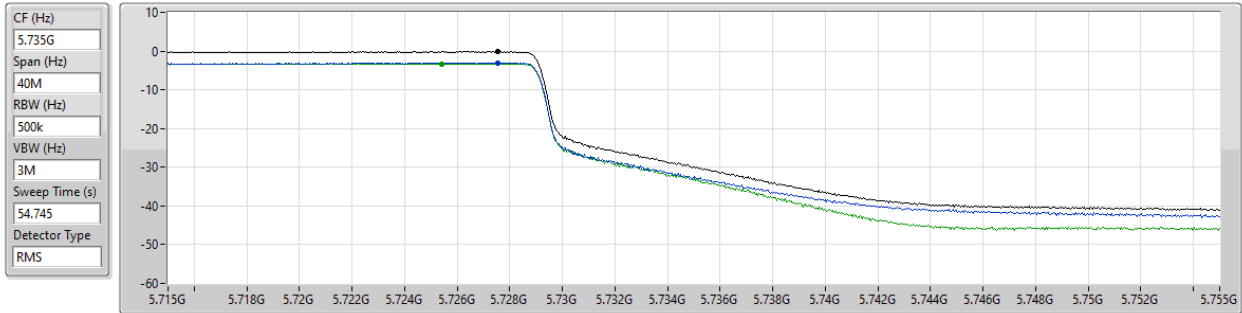


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

17/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.17	-0.17	-3.06	-	-3.28



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Full RU**

Appendix D.3

Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.25
802.11be EHT20_Nss1,(MCS0)_4TX	7.24
802.11be EHT40_Nss1,(MCS0)_4TX	6.85
802.11be EHT80_Nss1,(MCS0)_4TX	3.18
802.11be EHT160_Nss1,(MCS0)_4TX	-6.41
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.33
802.11be EHT20_Nss1,(MCS0)_4TX	5.39
802.11be EHT40_Nss1,(MCS0)_4TX	5.26
802.11be EHT80_Nss1,(MCS0)_4TX	1.60

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



**PSD_Non-Beamforming_
Radio 2_Downtilt Panel Omni_4T1S_Full RU**

Appendix D.3

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	9.72	0.98	1.67	1.23	1.28	7.22	7.28
5580MHz	Pass	9.72	0.98	1.36	1.58	1.34	7.25	7.28
5700MHz	Pass	9.72	1.07	1.30	1.29	1.02	7.12	7.28
5720MHz Straddle 5.47-5.725GHz	Pass	9.72	0.96	1.06	0.98	0.46	6.84	7.28
5720MHz Straddle 5.725-5.85GHz	Pass	9.72	-0.48	-0.62	-0.57	-0.97	5.33	26.28
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	9.72	0.84	1.69	1.12	1.31	7.24	7.28
5580MHz	Pass	9.72	0.83	1.31	1.38	1.42	7.17	7.28
5700MHz	Pass	9.72	-1.34	-1.36	-1.21	-1.70	4.58	7.28
5720MHz Straddle 5.47-5.725GHz	Pass	9.72	0.82	1.13	1.04	0.52	6.87	7.28
5720MHz Straddle 5.725-5.85GHz	Pass	9.72	-0.50	-0.47	-0.50	-0.91	5.39	26.28
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	9.72	-2.40	-1.88	-1.88	-2.29	3.86	7.28
5550MHz	Pass	9.72	-0.18	0.14	0.43	0.25	6.07	7.28
5670MHz	Pass	9.72	-1.37	-0.88	-0.80	-1.24	4.87	7.28
5710MHz Straddle 5.47-5.725GHz	Pass	9.72	0.98	0.74	1.06	0.80	6.85	7.28
5710MHz Straddle 5.725-5.85GHz	Pass	9.72	-0.38	-0.98	-0.80	-0.71	5.26	26.28
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	9.72	-6.44	-6.42	-5.92	-6.46	-0.43	7.28
5610MHz	Pass	9.72	-4.22	-3.41	-3.56	-3.20	2.27	7.28
5690MHz Straddle 5.47-5.725GHz	Pass	9.72	-2.74	-2.84	-2.54	-2.77	3.18	7.28
5690MHz Straddle 5.725-5.85GHz	Pass	9.72	-4.20	-4.36	-4.45	-4.41	1.60	26.28
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	9.72	-12.02	-12.25	-11.91	-12.07	-6.41	7.28

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.



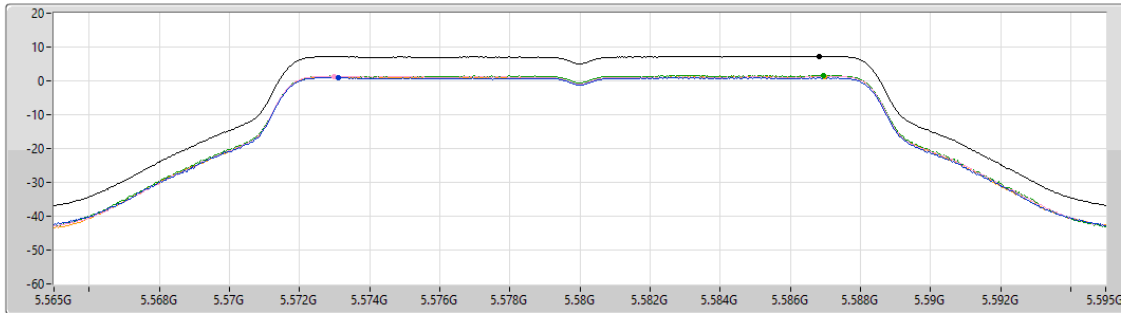
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

17/06/2025

CF (Hz)
5.58G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.939
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)
7.25	7.25	0.98	1.36	1.58	1.34

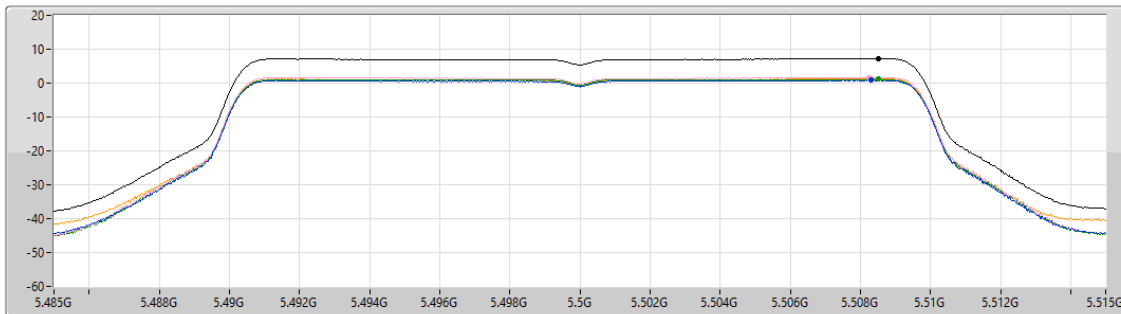
5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

17/06/2025

CF (Hz)
5.5G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
54.744
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

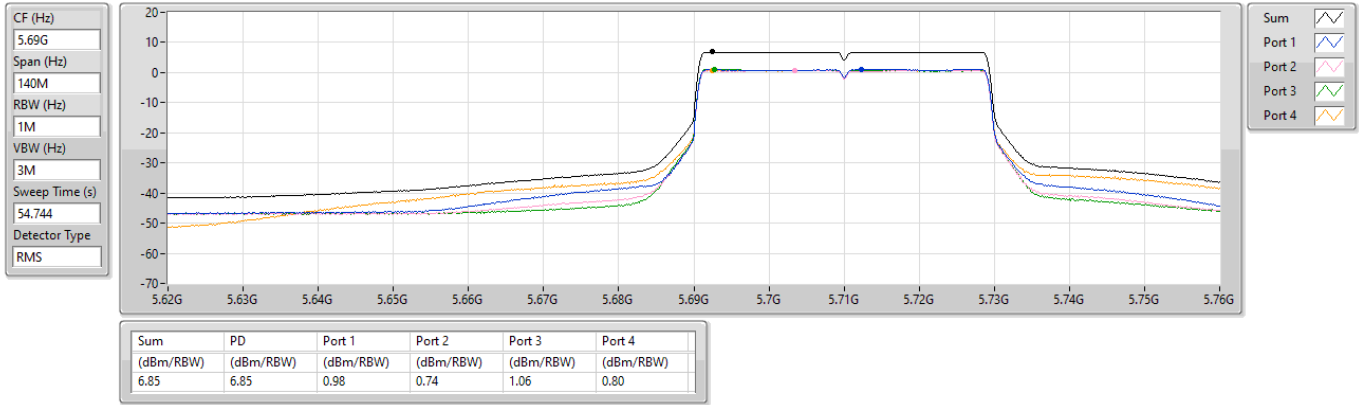
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	0.84	1.69	1.12	1.31

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

PSD

5710MHz Straddle 5.47-5.725GHz

17/06/2025

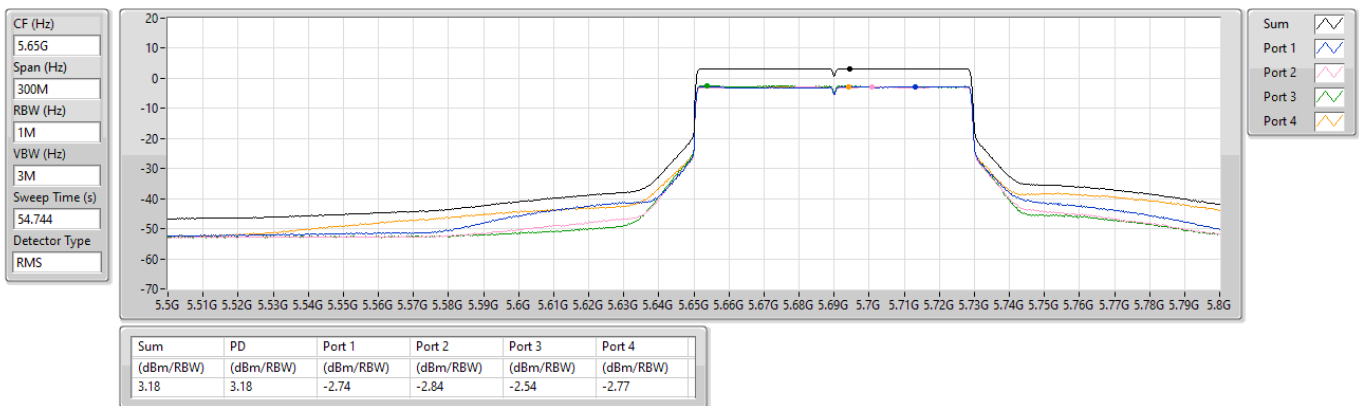


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

17/06/2025



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

PSD

5570MHz

17/06/2025

CF (Hz)
5.57G

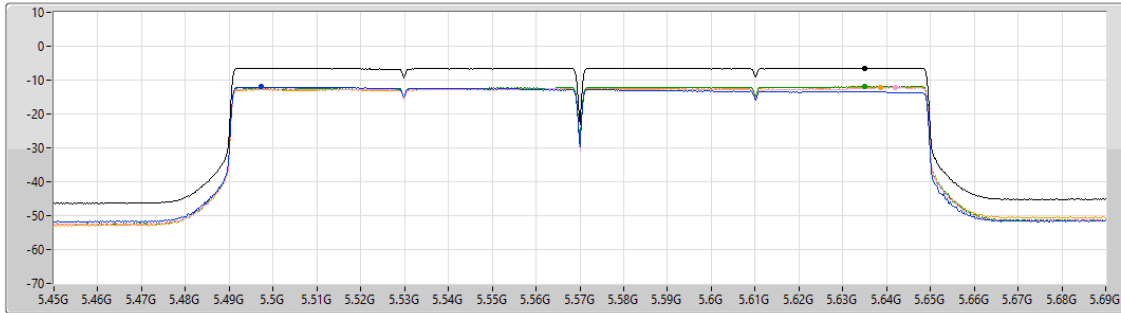
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

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)
-6.41	-6.41	-12.02	-12.25	-11.91	-12.07

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

PSD

5720MHz Straddle 5.725-5.85GHz

17/06/2025

CF (Hz)
5.735G

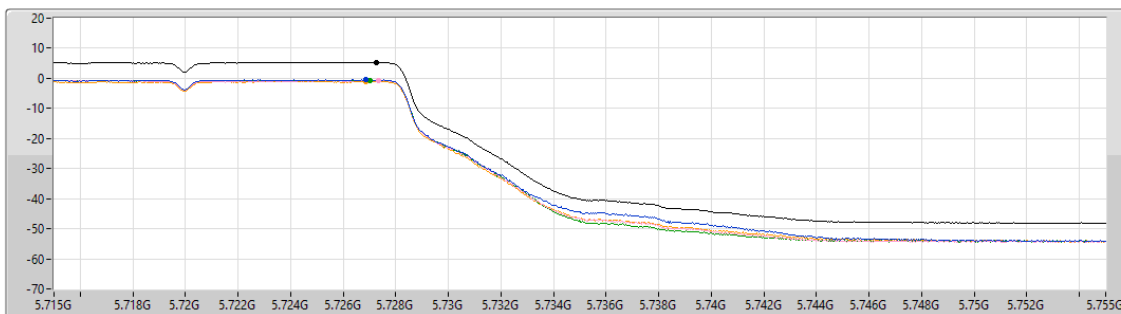
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.939

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

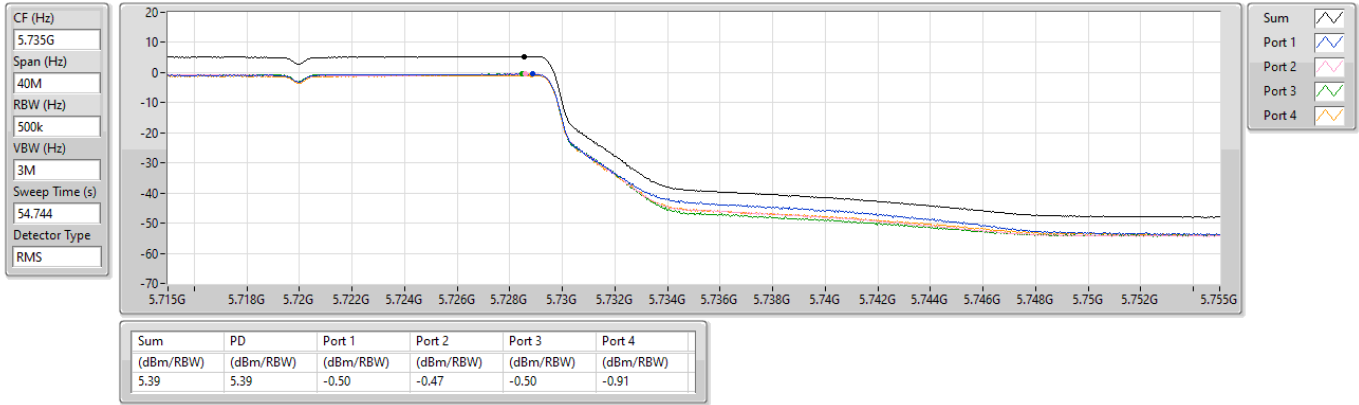
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	-0.48	-0.62	-0.57	-0.97

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

PSD

5720MHz Straddle 5.725-5.85GHz

17/06/2025

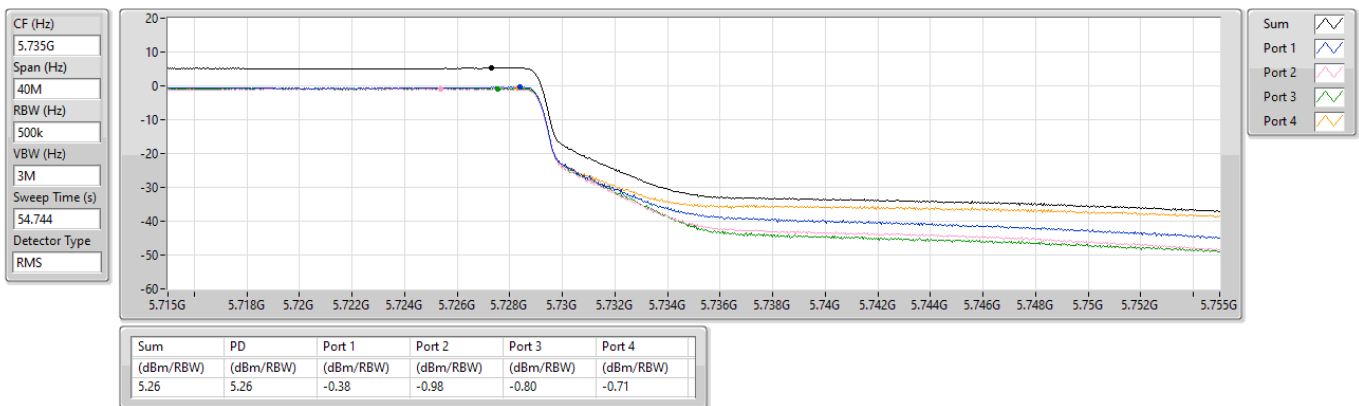


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

17/06/2025



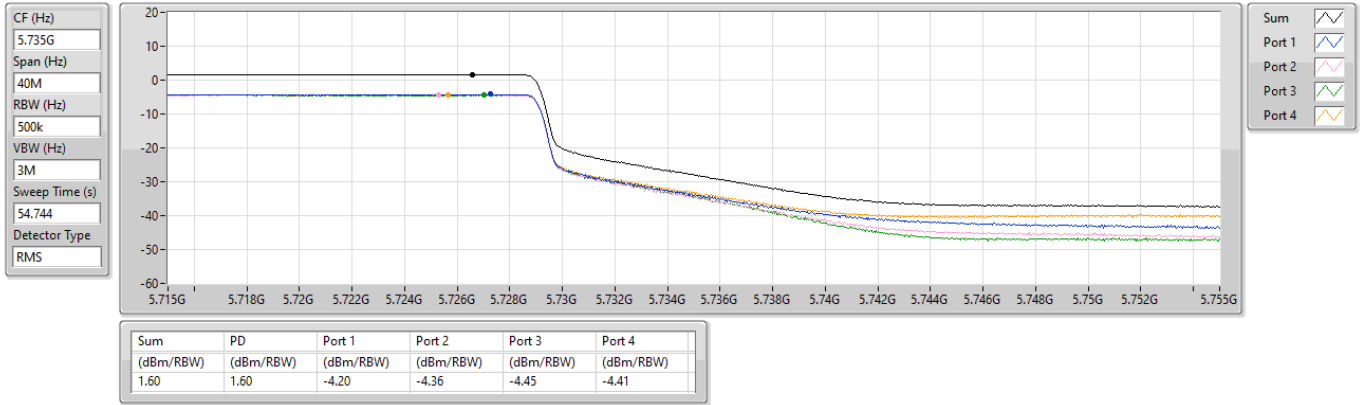


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

17/06/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	3.84
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	3.37
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-0.03
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-3.23
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-9.20
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX(Port3)	2.20
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	1.71
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-1.94
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-5.20

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	13.00	3.44	3.44	4.00
5580MHz	Pass	13.00	3.58	3.58	4.00
5700MHz	Pass	13.00	3.34	3.34	4.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	3.84	3.84	4.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	2.20	2.20	23.00
802.11be EHT20_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5500MHz	Pass	13.00	2.98	2.98	4.00
5580MHz	Pass	13.00	2.76	2.76	4.00
5700MHz	Pass	13.00	1.57	1.57	4.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.00	3.37	3.37	4.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.00	1.71	1.71	23.00
802.11be EHT40_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5510MHz	Pass	13.00	-0.45	-0.45	4.00
5550MHz	Pass	13.00	-0.03	-0.03	4.00
5670MHz	Pass	13.00	-0.19	-0.19	4.00
5710MHz Straddle 5.47-5.725GHz	Pass	13.00	-0.07	-0.07	4.00
5710MHz Straddle 5.725-5.85GHz	Pass	13.00	-1.94	-1.94	23.00
802.11be EHT80_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5530MHz	Pass	13.00	-3.44	-3.44	4.00
5610MHz	Pass	13.00	-3.23	-3.23	4.00
5690MHz Straddle 5.47-5.725GHz	Pass	13.00	-3.30	-3.30	4.00
5690MHz Straddle 5.725-5.85GHz	Pass	13.00	-5.20	-5.20	23.00
802.11be EHT160_Nss1,(MCS0)_1TX(Port3)	-	-	-	-	-
5570MHz	Pass	13.00	-9.20	-9.20	4.00

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;

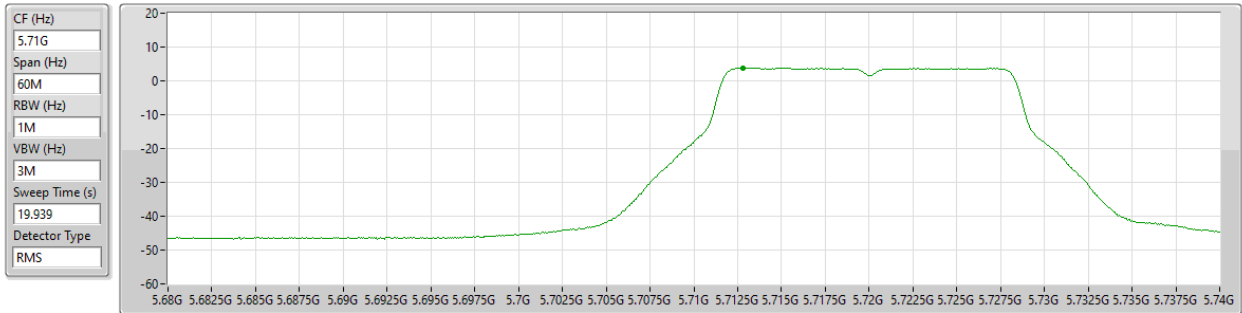
Inf = There's no restriction for the limit.

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

PSD

5720MHz Straddle 5.47-5.725GHz

16/06/2025



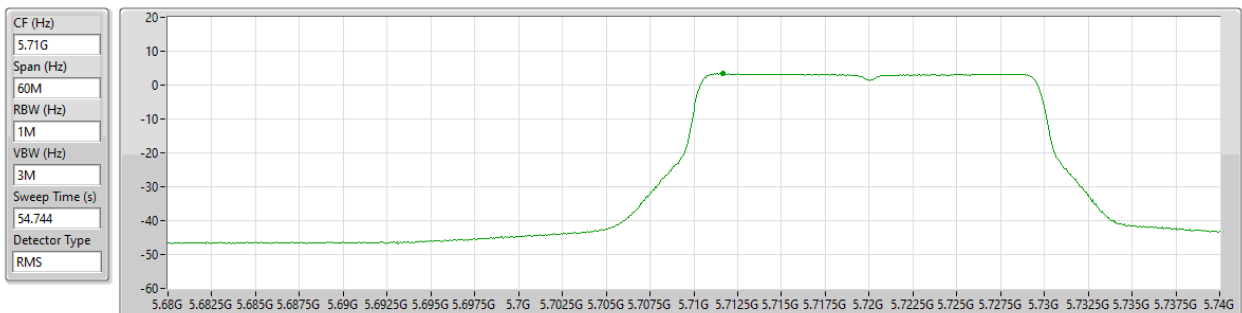
Sum	PD	Port 1	Port 2	Port 3
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.84	3.84	-	-	3.84

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

PSD

5720MHz Straddle 5.47-5.725GHz

16/06/2025



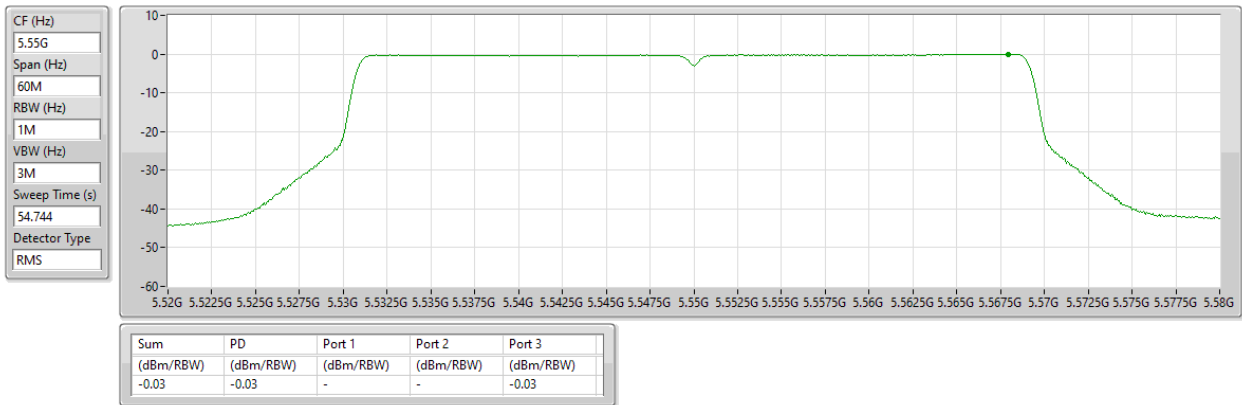
Sum	PD	Port 1	Port 2	Port 3
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.37	3.37	-	-	3.37

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

PSD

5550MHz

16/06/2025

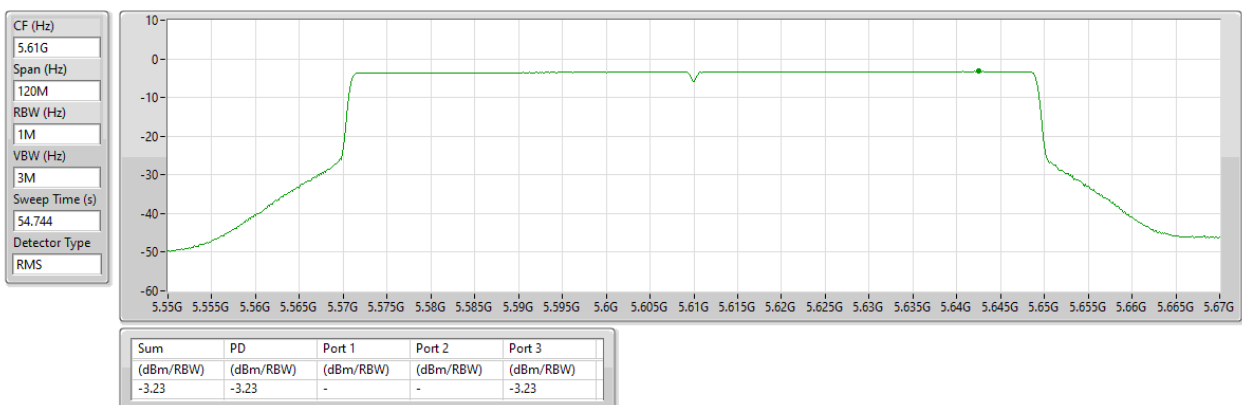


5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

PSD

5610MHz

16/06/2025



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

PSD

5570MHz

16/06/2025

CF (Hz)
5.57G

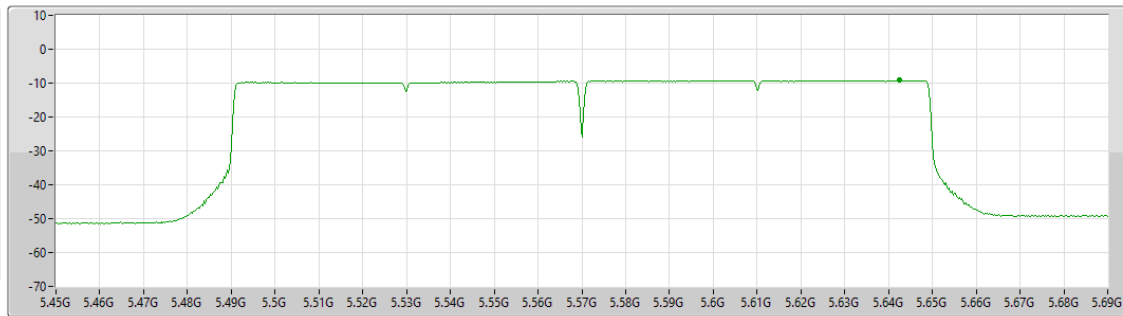
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Port 3 

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.20	-9.20	-	-	-9.20

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

PSD

5720MHz Straddle 5.725-5.85GHz

16/06/2025

CF (Hz)
5.735G

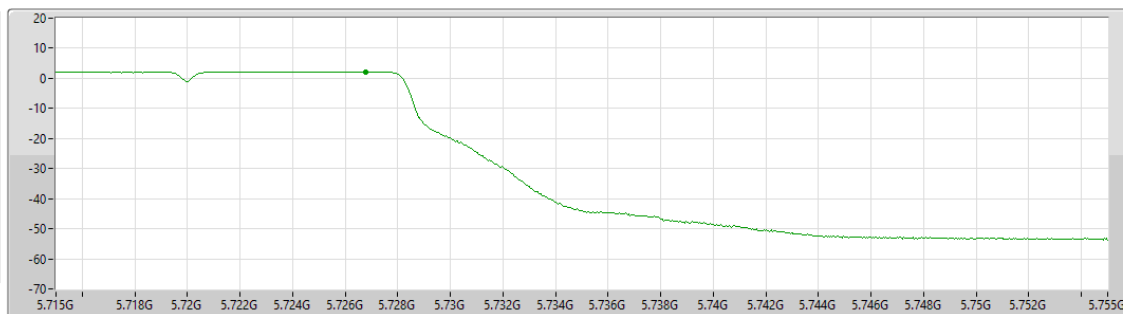
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.939

Detector Type
RMS



Port 3 

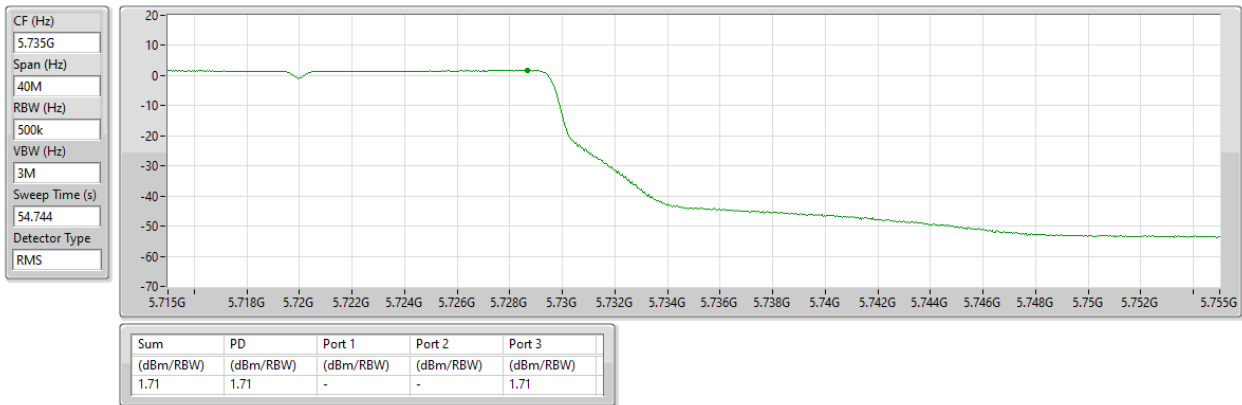
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-	-	2.20

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

PSD

5720MHz Straddle 5.725-5.85GHz

16/06/2025

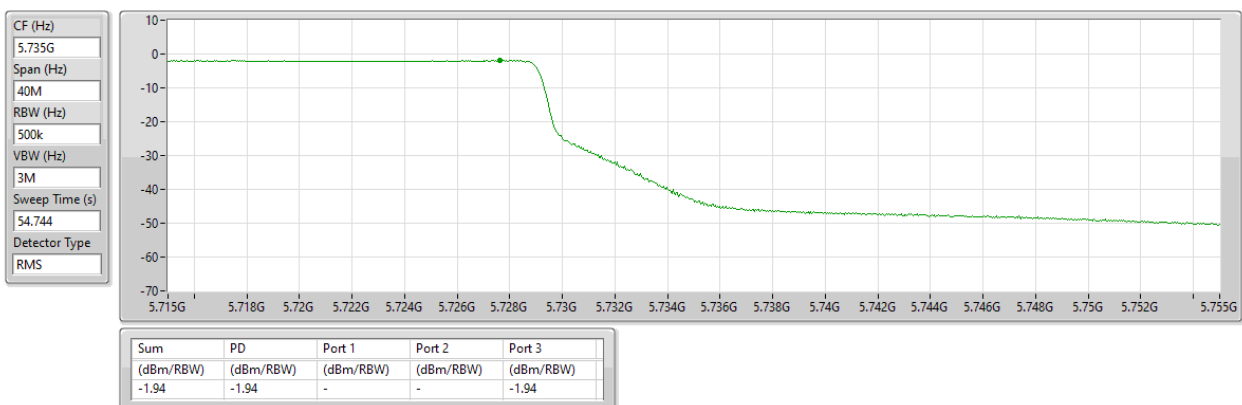


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_1TX(Port3)

PSD

5710MHz Straddle 5.725-5.85GHz

16/06/2025

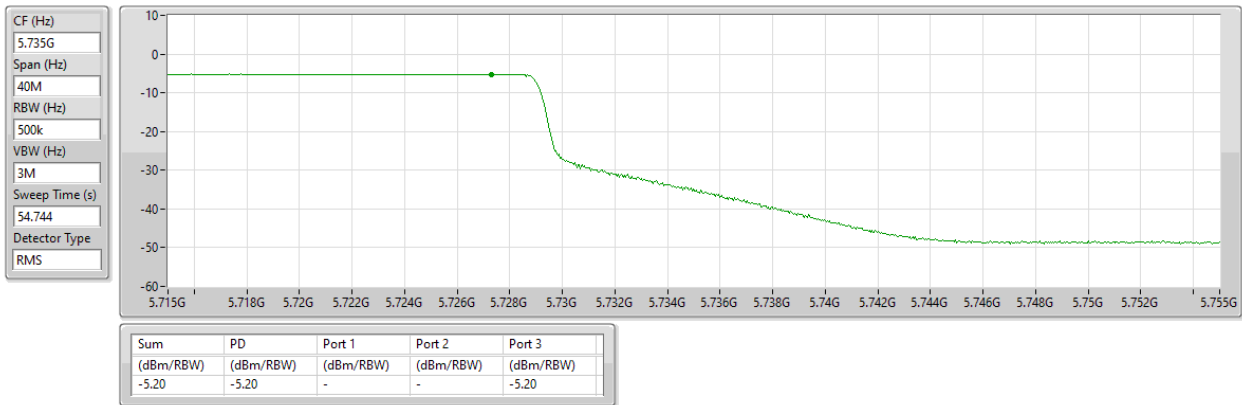


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_1TX(Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

16/06/2025





Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	0.98
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	0.84
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-0.37
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-3.98
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-11.66
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-0.78
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-0.72
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-1.82
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-5.58

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

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	16.01	-2.06	-1.91	0.98	0.99
5580MHz	Pass	16.01	-2.44	-2.25	0.58	0.99
5700MHz	Pass	16.01	-3.27	-2.85	-0.10	0.99
5720MHz Straddle 5.47-5.725GHz	Pass	16.01	-2.13	-2.20	0.82	0.99
5720MHz Straddle 5.725-5.85GHz	Pass	16.01	-3.64	-3.84	-0.78	19.99
802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5500MHz	Pass	16.01	-2.59	-2.32	0.55	0.99
5580MHz	Pass	16.01	-2.40	-2.27	0.59	0.99
5700MHz	Pass	16.01	-6.61	-6.49	-3.63	0.99
5720MHz Straddle 5.47-5.725GHz	Pass	16.01	-2.17	-2.13	0.84	0.99
5720MHz Straddle 5.725-5.85GHz	Pass	16.01	-3.58	-3.86	-0.72	19.99
802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5510MHz	Pass	16.01	-7.08	-6.92	-4.04	0.99
5550MHz	Pass	16.01	-4.37	-4.00	-1.30	0.99
5670MHz	Pass	16.01	-6.04	-5.65	-2.85	0.99
5710MHz Straddle 5.47-5.725GHz	Pass	16.01	-3.16	-3.32	-0.37	0.99
5710MHz Straddle 5.725-5.85GHz	Pass	16.01	-4.59	-5.02	-1.82	19.99
802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5530MHz	Pass	16.01	-10.18	-9.75	-7.10	0.99
5610MHz	Pass	16.01	-7.33	-6.78	-4.19	0.99
5690MHz Straddle 5.47-5.725GHz	Pass	16.01	-6.92	-6.87	-3.98	0.99
5690MHz Straddle 5.725-5.85GHz	Pass	16.01	-8.39	-8.75	-5.58	19.99
802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)	-	-	-	-	-	-
5570MHz	Pass	16.01	-14.38	-14.26	-11.66	0.99

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(Port1&Port3)

PSD

5500MHz

14/06/2025

CF (Hz)
5.5G

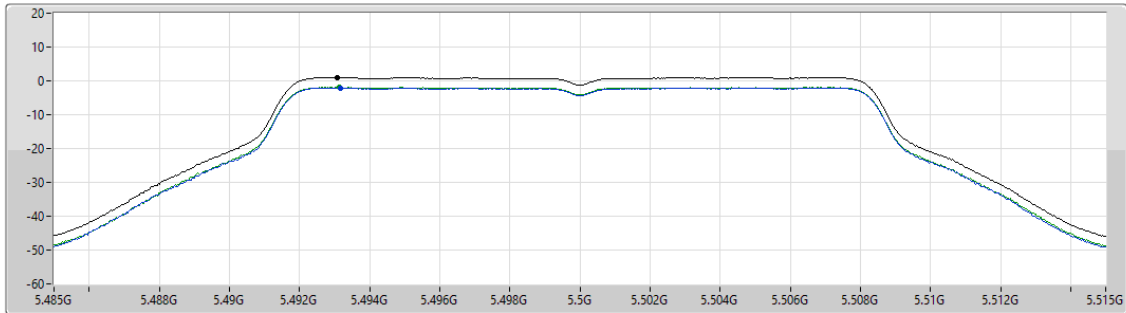
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.94

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 3 ☐

Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.98	0.98	-2.06	-	-1.91

5.47-5.725GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5720MHz Straddle 5.47-5.725GHz

14/06/2025

CF (Hz)
5.71G

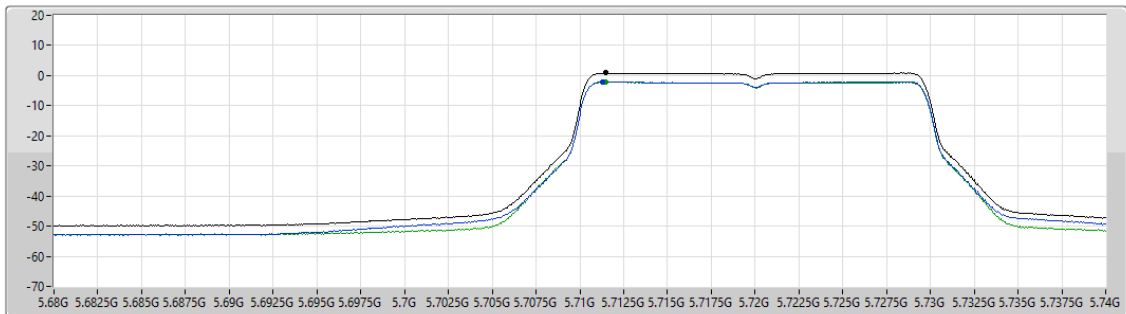
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.745

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 3 ☐

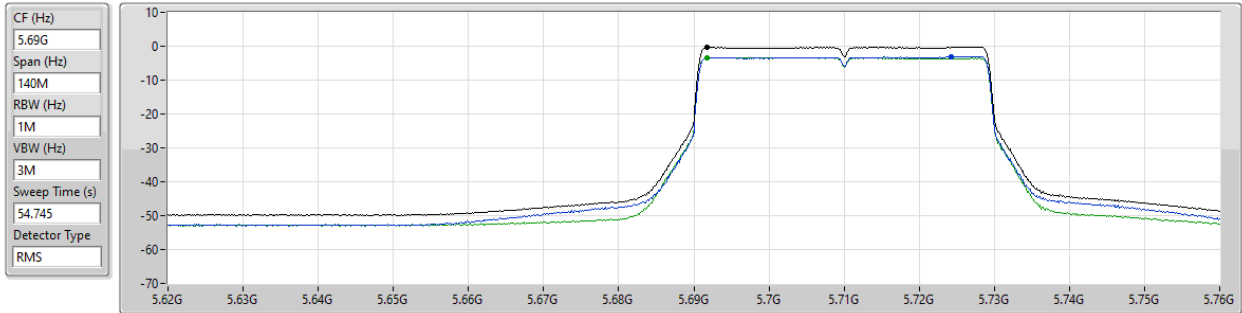
Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.84	0.84	-2.17	-	-2.13

5.47-5.725GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5710MHz Straddle 5.47-5.725GHz

14/06/2025



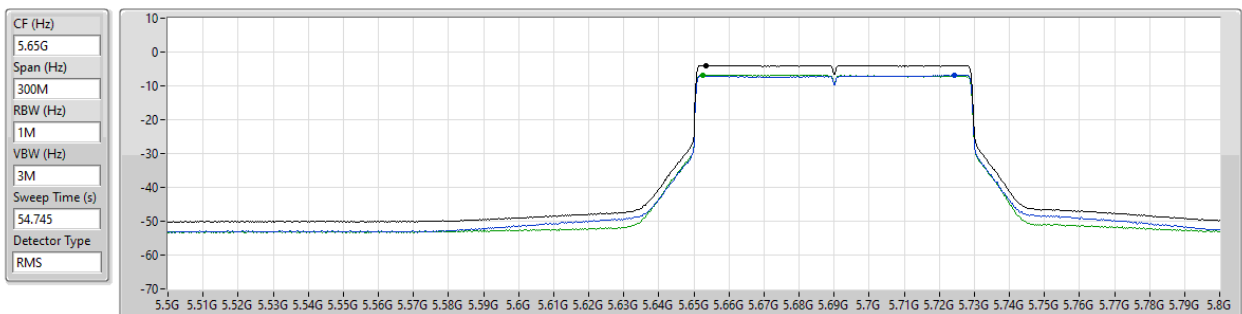
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.37	-0.37	-3.16	-	-3.32

5.47-5.725GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5690MHz Straddle 5.47-5.725GHz

14/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.98	-3.98	-6.92	-	-6.87

5.47-5.725GHz_802.11be EHT160_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5570MHz

14/06/2025

CF (Hz)
5.57G

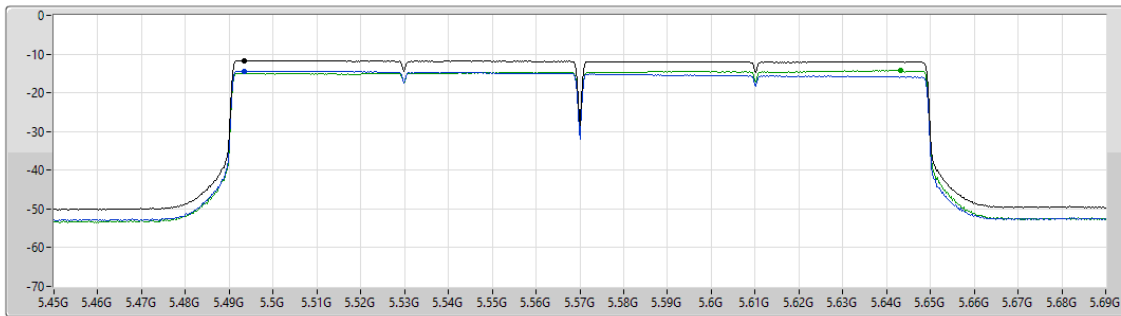
Span (Hz)
240M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.745

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 3 ☒

Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.66	-11.66	-14.38	-	-14.26

5.725-5.85GHz_802.11a_Nss1,(6Mbps)_2TX(Port1&Port3)

PSD

5720MHz Straddle 5.725-5.85GHz

14/06/2025

CF (Hz)
5.735G

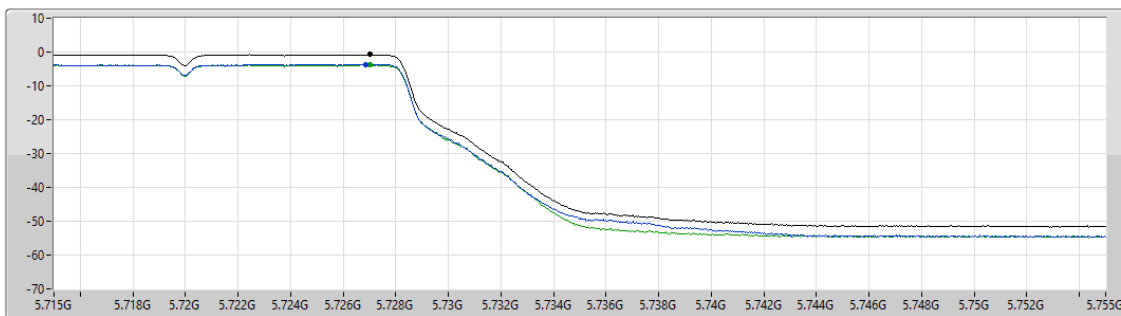
Span (Hz)
40M

RBW (Hz)
500k

VBW (Hz)
3M

Sweep Time (s)
19.94

Detector Type
RMS



Sum ☒

Port 1 ☒

Port 3 ☒

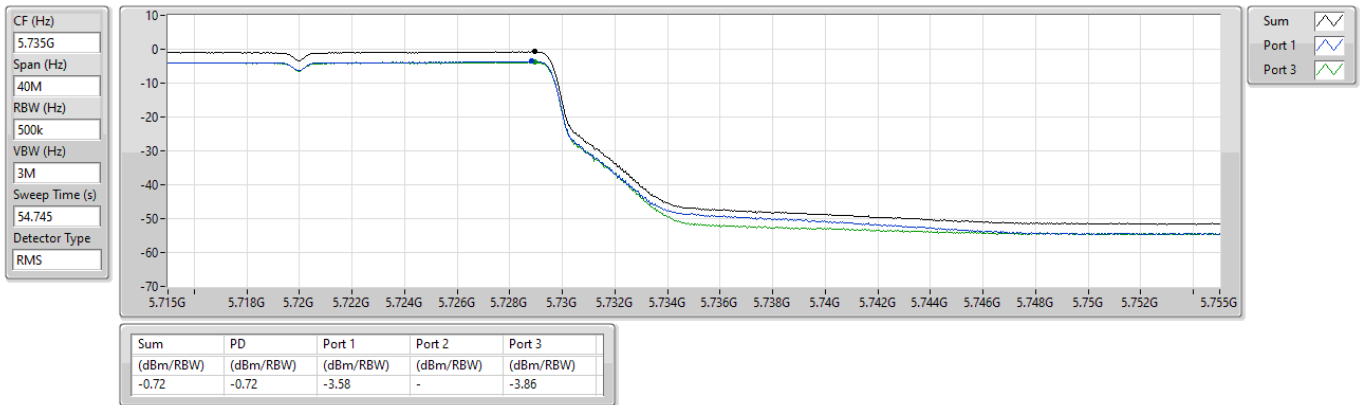
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.78	-0.78	-3.64	-	-3.84

5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5720MHz Straddle 5.725-5.85GHz

14/06/2025

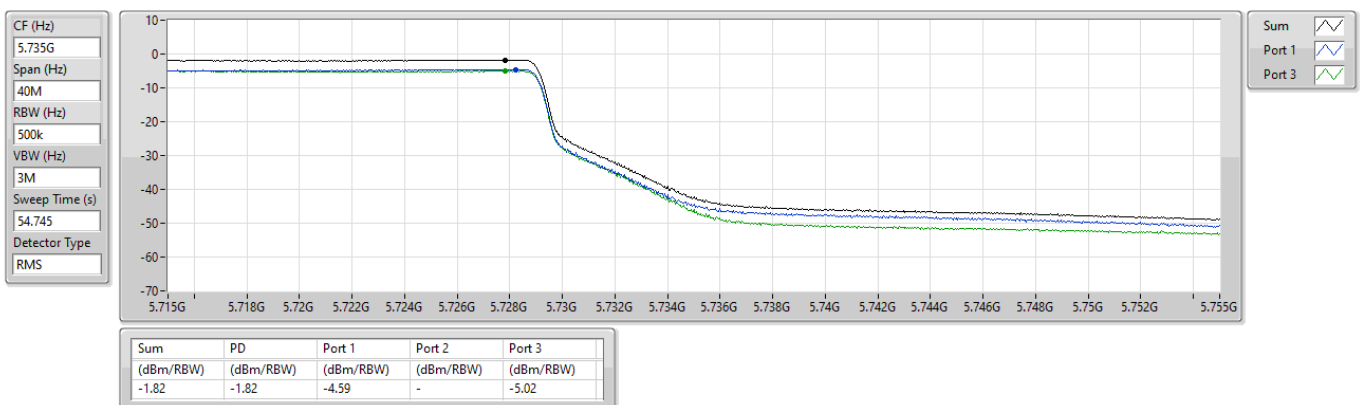


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5710MHz Straddle 5.725-5.85GHz

14/06/2025

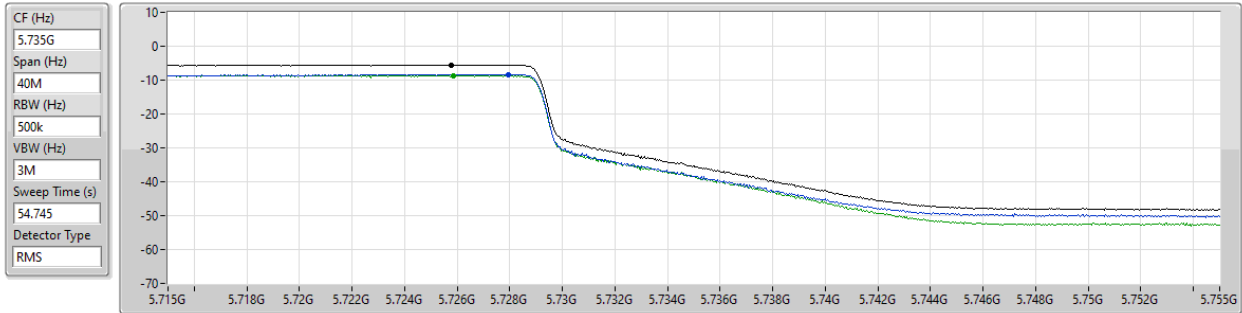


5.725-5.85GHz_802.11be EHT80_Nss1,(MCS0)_2TX(Port1&Port3)

PSD

5690MHz Straddle 5.725-5.85GHz

14/06/2025



Sum	PD	Port 1	Port 2	Port 3
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.58	-5.58	-8.39	-	-8.75



Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	-2.27
802.11be EHT20_Nss1,(MCS0)_4TX	-2.30
802.11be EHT40_Nss1,(MCS0)_4TX	-2.05
802.11be EHT80_Nss1,(MCS0)_4TX	-5.60
802.11be EHT160_Nss1,(MCS0)_4TX	-11.98
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	-3.99
802.11be EHT20_Nss1,(MCS0)_4TX	-4.05
802.11be EHT40_Nss1,(MCS0)_4TX	-3.59
802.11be EHT80_Nss1,(MCS0)_4TX	-8.32

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	19.02	-8.75	-8.28	-8.46	-8.12	-2.46	-2.02
5580MHz	Pass	19.02	-8.61	-8.25	-8.31	-8.65	-2.54	-2.02
5700MHz	Pass	19.02	-8.34	-8.26	-7.91	-8.26	-2.27	-2.02
5720MHz Straddle 5.47-5.725GHz	Pass	19.02	-8.18	-8.30	-8.23	-8.72	-2.43	-2.02
5720MHz Straddle 5.725-5.85GHz	Pass	19.02	-9.71	-9.84	-9.90	-10.17	-3.99	16.98
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	19.02	-8.71	-8.20	-8.46	-8.17	-2.42	-2.02
5580MHz	Pass	19.02	-8.62	-8.10	-8.21	-8.58	-2.46	-2.02
5700MHz	Pass	19.02	-8.29	-8.26	-7.95	-8.58	-2.30	-2.02
5720MHz Straddle 5.47-5.725GHz	Pass	19.02	-8.35	-8.29	-8.14	-9.02	-2.47	-2.02
5720MHz Straddle 5.725-5.85GHz	Pass	19.02	-9.71	-9.93	-9.94	-10.51	-4.05	16.98
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	19.02	-8.28	-7.93	-8.05	-8.14	-2.14	-2.02
5550MHz	Pass	19.02	-8.45	-8.38	-7.99	-8.26	-2.37	-2.02
5670MHz	Pass	19.02	-8.00	-7.99	-7.82	-8.17	-2.05	-2.02
5710MHz Straddle 5.47-5.725GHz	Pass	19.02	-7.85	-8.23	-7.73	-8.27	-2.10	-2.02
5710MHz Straddle 5.725-5.85GHz	Pass	19.02	-9.19	-9.74	-9.49	-9.81	-3.59	16.98
802.11be EHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	19.02	-12.99	-12.87	-12.60	-12.77	-6.91	-2.02
5610MHz	Pass	19.02	-11.84	-11.46	-11.24	-11.17	-5.60	-2.02
5690MHz Straddle 5.47-5.725GHz	Pass	19.02	-12.65	-12.58	-12.41	-12.96	-6.74	-2.02
5690MHz Straddle 5.725-5.85GHz	Pass	19.02	-14.03	-14.25	-14.28	-14.52	-8.32	16.98
802.11be EHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	19.02	-17.58	-17.75	-17.43	-17.71	-11.98	-2.02

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

13/06/2025

CF (Hz)
5.7G

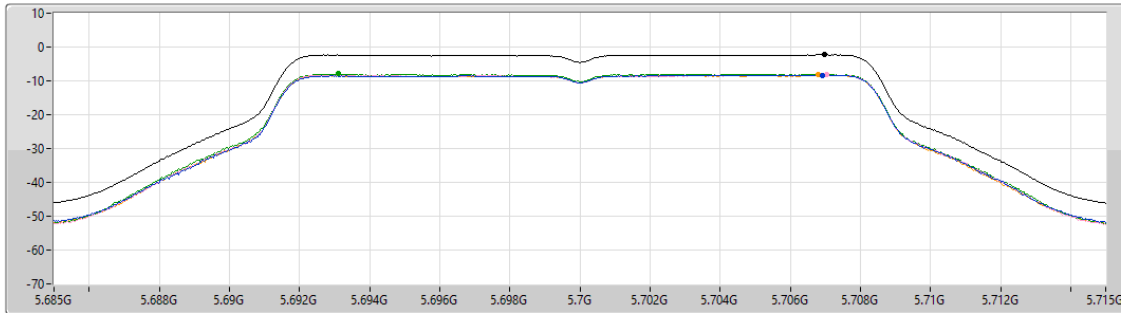
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
19.939

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)
-2.27	-2.27	-8.34	-8.26	-7.91	-8.26

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

PSD

5700MHz

13/06/2025

CF (Hz)
5.7G

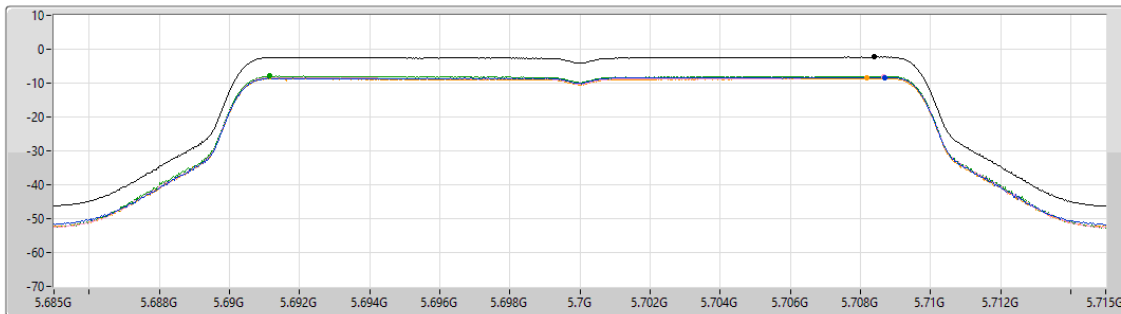
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

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)
-2.30	-2.30	-8.29	-8.26	-7.95	-8.58

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

PSD

5670MHz

13/06/2025

CF (Hz)
5.67G

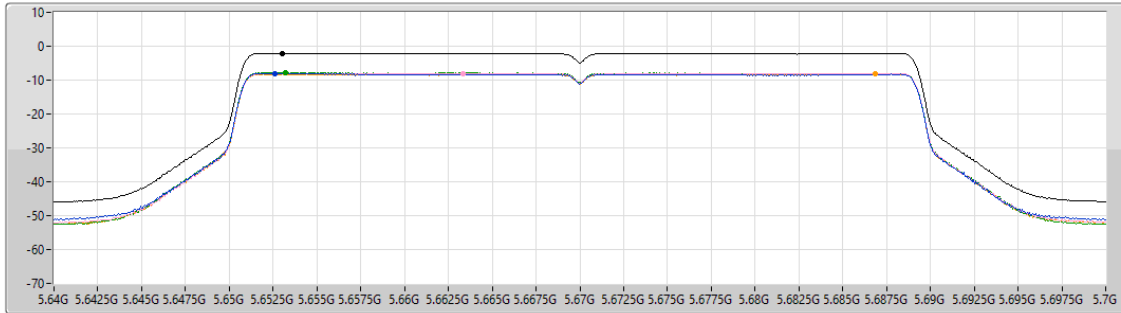
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

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)
-2.05	-2.05	-8.00	-7.99	-7.82	-8.17

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

PSD

5610MHz

13/06/2025

CF (Hz)
5.61G

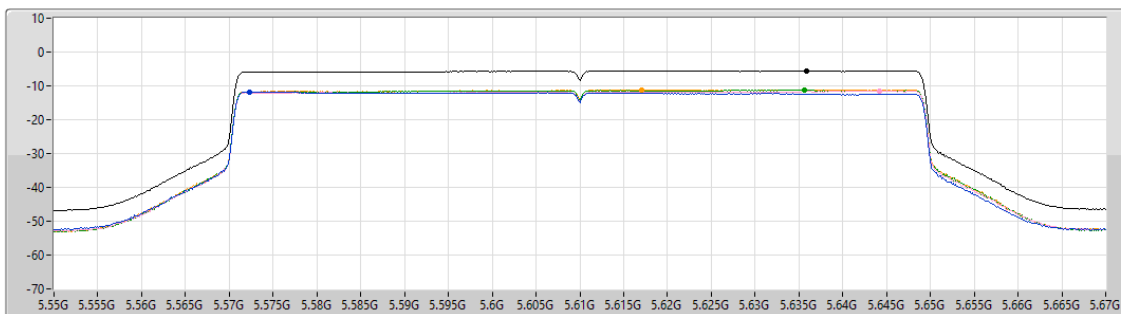
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.744

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

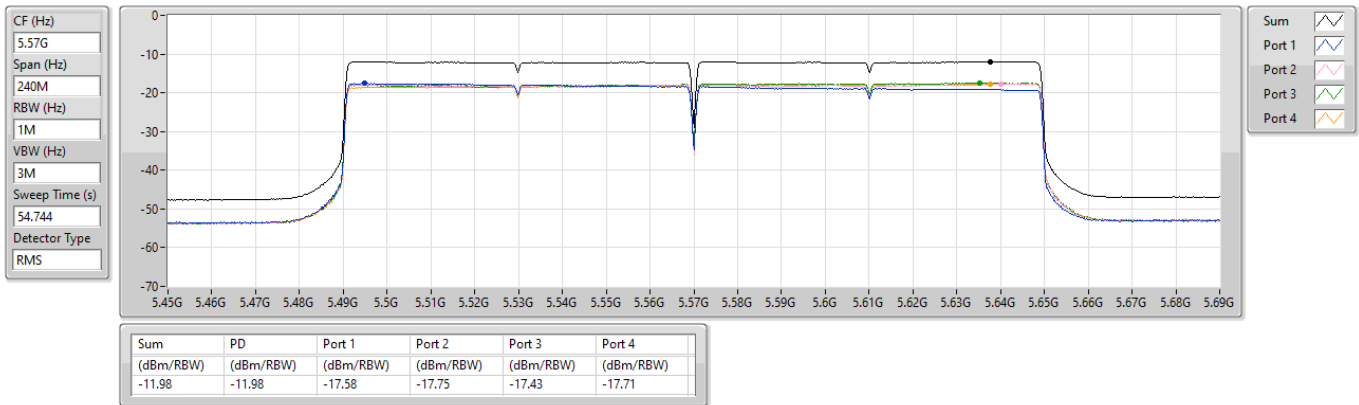
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.60	-5.60	-11.84	-11.46	-11.24	-11.17

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

PSD

5570MHz

13/06/2025

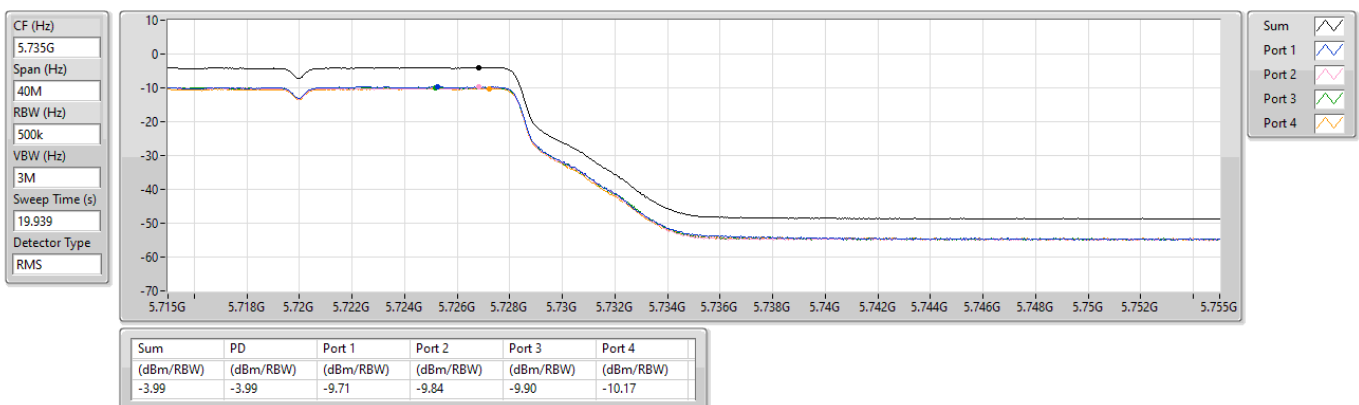


5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/06/2025

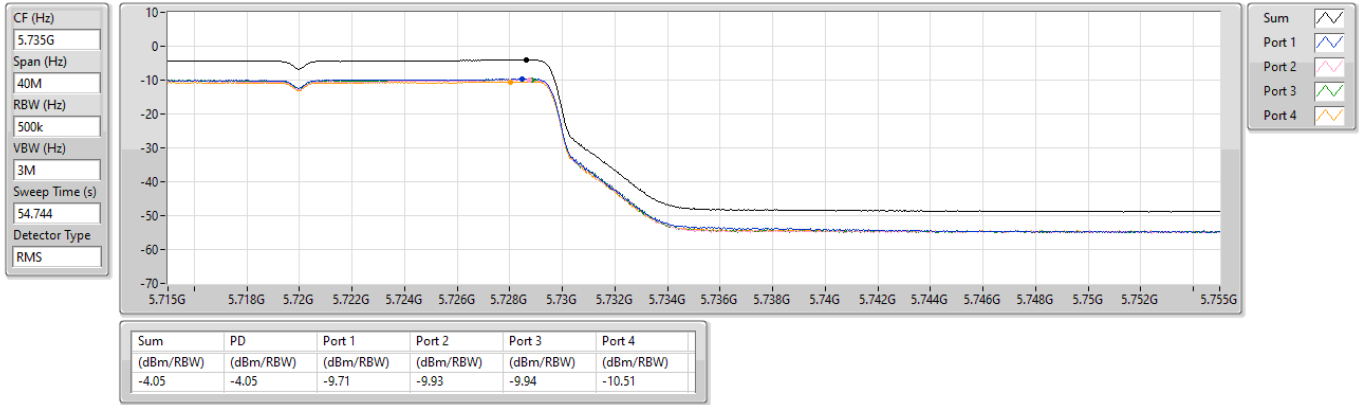


5.725-5.85GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/06/2025

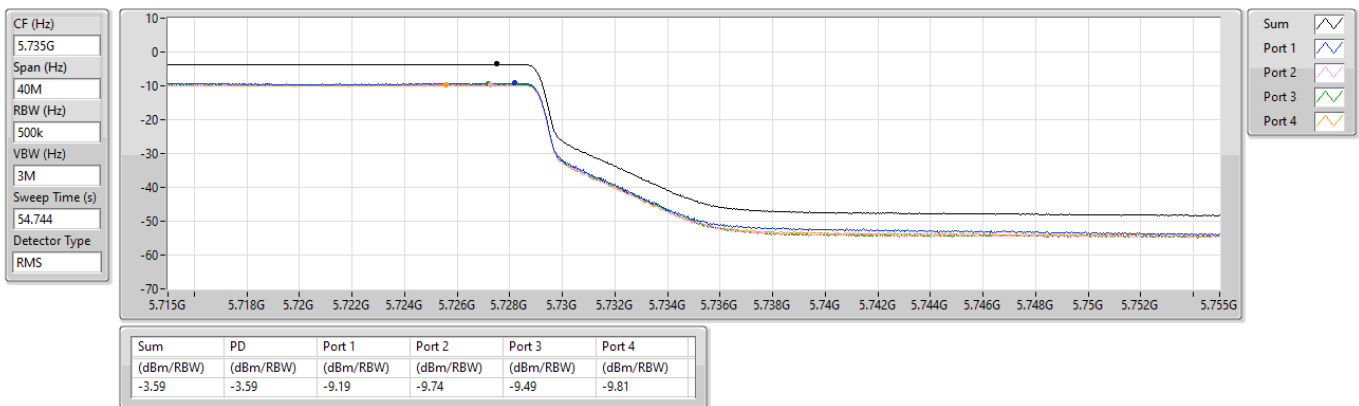


5.725-5.85GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

13/06/2025



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

PSD

5690MHz Straddle 5.725-5.85GHz

13/06/2025

