



RADIO TEST REPORT

FCC ID : UDX-600201010
Equipment : Cisco Wireless 9176D1 Series Wi-Fi 7 Access Point
Brand Name : CISCO
Model Name : CW9176D1
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 Mar. 07, 2024, and testing was started from Apr. 22, 2024 and completed on Jul. 12, 2024. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.4



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	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 Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen**Report Producer: Wendy Pan**



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20), be (EHT20)	5260-5320	52-64 [4]
5250-53500	n (HT40), ac (VHT40), ax (HEW40), be (EHT40)	5270-5310	54-62 [2]
5250-5350	ac (VHT80), ax (HEW80), be (EHT80)	5290	58 [1]
5150-5350	ac (VHT160), ax (HEW160), be (EHT160)	5250	50 [1]

For Radio 1

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11ac VHT160	160	1, 2, 4TX/4RX
5.15-5.35GHz	802.11ac VHT160-BF	160	2, 4TX/4RX
5.15-5.35GHz	802.11ax HEW160	160	1, 2, 4TX/4RX
5.15-5.35GHz	802.11ax HEW160-BF	160	2, 4TX/4RX
5.15-5.35GHz	802.11be EHT160	160	1, 2, 4TX/4RX
5.15-5.35GHz	802.11be EHT160-BF	160	2, 4TX/4RX
5.25-5.35GHz	802.11a	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11n HT20	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11n HT20-BF	20	2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT20	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT20-BF	20	2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW20	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW20-BF	20	2, 4TX/4RX
5.25-5.35GHz	802.11be EHT20	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11be EHT20-BF	20	2, 4TX/4RX
5.25-5.35GHz	802.11n HT40	40	1, 2, 4TX/4RX
5.25-5.35GHz	802.11n HT40-BF	40	2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT40	40	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT40-BF	40	2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW40	40	1, 2, 4TX/4RX



Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW40-BF	40	2, 4TX/4RX
5.25-5.35GHz	802.11be EHT40	40	1, 2, 4TX/4RX
5.25-5.35GHz	802.11be EHT40-BF	40	2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT80	80	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT80-BF	80	2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW80	80	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW80-BF	80	2, 4TX/4RX
5.25-5.35GHz	802.11be EHT80	80	1, 2, 4TX/4RX
5.25-5.35GHz	802.11be EHT80-BF	80	2, 4TX/4RX

**For Radio 2**

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11ac VHT160	160	1, 2, 4TX/4RX
5.15-5.35GHz	802.11ac VHT160-BF	160	2, 4TX/4RX
5.15-5.35GHz	802.11ax HEW160	160	1, 2, 4TX/4RX
5.15-5.35GHz	802.11ax HEW160-BF	160	2, 4TX/4RX
5.15-5.35GHz	802.11be EHT160	160	1, 2, 4TX/4RX
5.15-5.35GHz	802.11be EHT160-BF	160	2, 4TX/4RX
5.25-5.35GHz	802.11a	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11n HT20	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11n HT20-BF	20	2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT20	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT20-BF	20	2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW20	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW20-BF	20	2, 4TX/4RX
5.25-5.35GHz	802.11be EHT20	20	1, 2, 4TX/4RX
5.25-5.35GHz	802.11be EHT20-BF	20	2, 4TX/4RX
5.25-5.35GHz	802.11n HT40	40	1, 2, 4TX/4RX
5.25-5.35GHz	802.11n HT40-BF	40	2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT40	40	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT40-BF	40	2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW40	40	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW40-BF	40	2, 4TX/4RX
5.25-5.35GHz	802.11be EHT40	40	1, 2, 4TX/4RX
5.25-5.35GHz	802.11be EHT40-BF	40	2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT80	80	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ac VHT80-BF	80	2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW80	80	1, 2, 4TX/4RX
5.25-5.35GHz	802.11ax HEW80-BF	80	2, 4TX/4RX
5.25-5.35GHz	802.11be EHT80	80	1, 2, 4TX/4RX
5.25-5.35GHz	802.11be EHT80-BF	80	2, 4TX/4RX

**For Radio 4(Pine Scanning radio)**

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11ac VHT160	160	1TX/2RX
5.15-5.35GHz	802.11ax HEW160	160	1TX/2RX
5.25-5.35GHz	802.11a	20	1TX/2RX
5.25-5.35GHz	802.11n HT20	20	1TX/2RX
5.25-5.35GHz	802.11ac VHT20	20	1TX/2RX
5.25-5.35GHz	802.11ax HEW20	20	1TX/2RX
5.25-5.35GHz	802.11n HT40	40	1TX/2RX
5.25-5.35GHz	802.11ac VHT40	40	1TX/2RX
5.25-5.35GHz	802.11ax HEW40	40	1TX/2RX
5.25-5.35GHz	802.11ac VHT80	80	1TX/2RX
5.25-5.35GHz	802.11ax HEW80	80	1TX/2RX

MRU (static preamble puncturing)
For Multi-RU:

RU-tone	Bandwidth (MHz)			5GHz Test CH
				UNII-2A
				CH58
242+242(MCS0)	242		242	V
242+242(MCS4)	242		242	V
484+242(MCS0)	484		242	V
484+242(MCS4)	484		242	V

RU-tone	Bandwidth (MHz)						5GHz Test CH
							UNII-1/2A
							CH50
996+484(MCS0)	484			996			V
996+484(MCS4)	484			996			V
996+484+3x242(MCS0)	484	242		242		242	V
996+484+3x242(MCS4)	484	242		242		242	V
484+484(MCS0)	484				484		V
484+484(MCS4)	484				484		V

For Puncturing:

RU-tone	Configuration	Bandwidth (MHz)			5GHz Test CH
					UNII-2A
					CH58
484+242	1		242	484	V
	2	242		484	V
	3	484		242	V
	4	484	242		--

RU-tone	Configuration	Bandwidth (MHz)						5GHz Test CH
								UNII-1/2A
								CH50
996+484	1			484		996		--
	2	484				996		V
	3			996			484	V
	4			996	484			V
996+484+242	1		242	484		996		V
	2	242		484		996		V
	3	484			242	996		V
	4	484	242			996		V
	5			996		242	484	V
	6			996	242		484	V
	7			996		484	242	V
	8			996	484	242		V

Note:

- ♦ 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- ♦ VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- ♦ EHT20, EHT40, EHT80 and EHT160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM modulation.
- ♦ BWch is the nominal channel bandwidth.

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

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

**1.1.3 Antenna Information**

Ant.	RF Port	Brand Name	Model Name	Ant. Type	Connector	Gain (dBi)	Modes of Operation
1	4	WNC	95XPAD15.G20	Dipole	I-PEX	Note 1	2.4GHz, 5GHz UNII 1~2A (Radio 1)
2	3	WNC	95XPAD15.G21	Dipole	I-PEX		
3	1	WNC	95XPAD15.G22	Dipole	I-PEX		
4	2	WNC	95XPAD15.G23	Dipole	I-PEX		
5	1	WNC	95XPAD15.G24	Dipole	I-PEX		5GHz UNII 1~3 or UNII 2C~3 only (Radio 2)
6	2	WNC	95XPAD15.G24	Dipole	I-PEX		
7	3	WNC	95XPAD15.G26	Dipole	I-PEX		
8	4	WNC	95XPAD15.G26	Dipole	I-PEX		
9	1	WNC	95XPAD15.G28	Dipole	I-PEX		6GHz UNII 5~8 (Radio 3)
10	3	WNC	95XPAD15.G30	Dipole	I-PEX		
11	4	WNC	95XPAD15.G31	Dipole	I-PEX		
12	2	WNC	95XPAD15.G29	Dipole	I-PEX		2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8 (Radio 4(Pine Scanning radio))
13	1	WNC	95XPAD15.G34	Dipole	I-PEX		
14	2	WNC	95XPAD15.G35	Dipole	I-PEX		
15	1	WNC	95XPAD15.G32	loop	I-PEX		Bluetooth and Zigbee (Radio 5)
16	1	WNC	95XPAD15.G33	PIFA	I-PEX	1.16GHz~1.19GHz: 2.05 1.56GHz~1.59GHz: 1.92	GPS (Radio 6)
17	1	WNC	95XPAD15.G37	Patch	I-PEX	6.5	UWB (Radio 7)
18	2	WNC			I-PEX	7.0	



Note 1:

Ant.	Antenna Gain (dBi)								
	WLAN 2.4GHz (Radio 1)		WLAN 5GHz UNII 1~2A (Radio 1)						
			5.2GHz			5.3GHz			
1	6.7		4.23			4.64			
2	6.96		5.45			5.05			
3	6.72		6.52			5.7			
4	6.96		4.06			4.21			
Ant.	WLAN 5GHz UNII 1~3 (Radio 2)								
	5.2GHz		5.3GHz		5.6GHz		5.785GHz		
	6.21		5.73		7.11		6.39		
6	4.56		4.46		5.7		6.19		
7	5.8		5.89		7.2		6.62		
8	3.9		4.02		5.38		5.11		
Ant.	WLAN 6GHz UNII 5~8 (Radio 3)								
	6.175GHz		6.475GHz		6.695GHz		6.995GHz		
	5.86		7.14		6.85		6.41		
10	5.4		6.24		5.99		5.87		
11	5.64		6.22		5.45		6.4		
12	5.54		6.43		5.64		6.44		
Ant.	WLAN 2.4GHz/5GHz UNII 1~3/WLAN 6GHz UNII 5~8 (Radio 4(Pine Scanning radio))								
	2.45GHz	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
	13	8.02	3.93	4.57	5.47	5.9	7.71	7.64	6.98
14	8.15	4.82	4.94	4.26	5.26	6.47	7.73	6.59	6.5
Ant.	Bluetooth/Zigbee (Radio 5)								
15	6.92								

Note 2:

Item	Directional Gain (dBi)							
	WLAN 2.4GHz (Radio 1)		WLAN 5GHz UNII 1~2A (Radio 1)					
			5.2GHz			5.3GHz		
2T1S	8.53		6.52			5.7		
2T2S	6.96		6.52			5.7		
4T1S	10.12		8.28			8.25		
4T2S	7.12		6.52			5.7		
4T4S	6.96		6.52			5.7		
Item	WLAN 5GHz UNII 1~3 (Radio 2) / WLAN 6GHz UNII 5~8 (Radio 3)							
	5.2GHz	5.3GHz	5.6GHz	5.785GHz	6.175GHz	6.475GHz	6.695GHz	6.995GHz
2T1S	6.68	6.22	7.11	6.88	6.49	7.14	6.85	6.66
2T2S	6.21	5.73	7.11	6.39	5.86	7.14	6.85	6.44
4T1S	8.67	8.73	9.22	9.47	8.32	9.43	8.69	8.92
4T2S	6.21	5.89	7.2	6.62	5.86	7.14	6.85	6.44
4T4S	6.21	5.89	7.2	6.62	5.86	7.14	6.85	6.44

Note 3: The above information (excepting Ant. 1~15 antenna gain and directional gain) was declared by manufacturer.

Note 4: Radio 1~3: Maximum Directional Gain following KDB662911 D03.

For Radio 1

**For 2.4GHz IEEE 802.11b/g/n/VHT/ax/be mode (1TX, 2TX, 4TX/4RX) and
For 5GHz (UNII 1~2A) IEEE 802.11a/n/ac/ax/be mode (1TX, 2TX, 4TX/4RX):**

1TX

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.



Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Radio 2

For 5GHz (UNII 1~3 or UNII 2C~3):

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

1TX

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Radio 3

For 6GHz (UNII 5~8):

For IEEE 802.11ax/be mode (1TX, 2TX, 4TX/4RX):

1TX

Only Port 1 can be use as transmitting antenna.

2TX

Port 1, Port 2 can be use as transmitting antenna.

Port 1, Port 2 could transmitting simultaneously.

4TX

Port 1, Port 2, Port 3 and Port 4 can be used as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

4RX

Port 1, Port 2, Port 3, Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3, Port 4 could receive simultaneously.

For Radio 4(Pine Scanning radio)

For 2.4GHz:

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

Only Port 1 can be used as transmitting/receiving functions.

Port 1~2 could receive simultaneously.

For 5GHz (UNII 1~3):

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

Only Port 1 can be used as transmitting/receiving functions.

Port 1~2 could receive simultaneously.

For 6GHz (UNII 5~8):

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

Only Port 1 can be used as transmitting/receiving functions.

Port 1~2 could receive simultaneously.

For Radio 5:

For Bluetooth/Zigbee mode (1TX/1RX)

Only Port 1 can be used as transmitting/receiving functions.

For Radio 6:

For GPS (1TX/1RX)

Only Port 1 can be used as transmitting/receiving functions.

For Radio 7:

For UWB (1TX/2RX)

Only Port 1 can be used as transmitting functions.

Port 1~2 can be used as receiving antennas.

Port 1~2 could receive simultaneously.

**1.1.4 Mode Test Duty Cycle****For Full RU****For Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)	0.992	0.03	1.977m	10
802.11be EHT20_Nss1,(MCS0)	0.973	0.12	5.137m	300
802.11be EHT40_Nss1,(MCS0)	0.982	0.08	5.301m	10
802.11be EHT80_Nss1,(MCS14)	0.982	0.08	5.144m	10
802.11be EHT160_Nss1,(MCS14)	0.984	0.07	5.396m	10
802.11be EHT20-BF_Nss1,(MCS0)	0.985	0.07	5.136m	10
802.11be EHT40-BF_Nss1,(MCS0)	0.974	0.11	5.301m	300
802.11be EHT80-BF_Nss1,(MCS14)	0.976	0.11	5.144m	300
802.11be EHT160-BF_Nss1,(MCS14)	0.97	0.13	5.396m	300

For Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)	0.992	0.03	1.977m	10
802.11be EHT20_Nss1,(MCS0)	0.981	0.08	5.137m	10
802.11be EHT40_Nss1,(MCS0)	0.998	0.01	5.453m	10
802.11be EHT80_Nss1,(MCS14)	0.997	0.01	5.448m	10
802.11be EHT160_Nss1,(MCS14)	0.997	0.01	5.448m	10
802.11be EHT20-BF_Nss1,(MCS0)	0.981	0.08	5.137m	10
802.11be EHT40-BF_Nss1,(MCS0)	0.998	0.01	5.453m	10
802.11be EHT80-BF_Nss1,(MCS14)	0.997	0.01	5.448m	10
802.11be EHT160-BF_Nss1,(MCS14)	0.997	0.01	5.448m	10

For Radio 4(Pine Scanning radio)

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11a_Nss1,(6Mbps)	0.949	0.23	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)	0.797	0.99	5.446m	300
802.11ax HEW40_Nss1,(MCS0)	0.795	1	5.446m	300
802.11ax HEW80_Nss1,(MCS0)	0.794	1	5.446m	300
802.11ax HEW160_Nss1,(MCS0)	0.794	1	5.446m	300

**For Multi-RU
For Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242	0.812	0.9	1.761m	1k
802.11be EHT80_Nss1,(MCS0),RU242+RU242	0.896	0.48	2.744m	1k
802.11be EHT160_Nss1,(MCS0),RU996+RU484	0.824	0.84	1.42m	1k
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242	0.886	0.53	2.76m	1k
802.11be EHT160_Nss1,(MCS0),RU484+RU484	0.839	0.76	1.42m	1k

For Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS0),RU484+RU242	0.885	0.53	2.745m	1k
802.11be EHT80_Nss1,(MCS0),RU242+RU242	0.883	0.54	2.745m	1k
802.11be EHT160_Nss1,(MCS0),RU996+RU484	0.819	0.87	1.421m	1k
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242	0.863	0.64	2.761m	1k
802.11be EHT160_Nss1,(MCS0),RU484+RU484	0.801	0.96	1.421m	1k

**For Puncturing
For Radio 1**

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS14),RU484+RU242	0.976	0.11	5.356m	300
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242	0.98	0.09	5.416m	300
802.11be EHT160_Nss1,(MCS14),RU996+RU484	0.975	0.11	5.416m	300

For Radio 2

Mode	DC	DCF (dB)	T (s)	VBW (Hz)_1/T
802.11be EHT80_Nss1,(MCS14),RU484+RU242	0.981	0.08	5.357m	10
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242	0.984	0.07	5.377m	10
802.11be EHT160_Nss1,(MCS14),RU996+RU484	0.974	0.11	5.417m	300

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

**1.1.5 EUT Operational Condition**

EUT Power Type	From PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 802.11n/VHT/ax/be WLAN 2.4GHz(Radio 1), 802.11n/11ac/11ax/11be WLAN 5GHz (Radio1 and Radio 2) and 802.11ax/11be WLAN 6GHz(Radio 3).			
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☒	Supported Static Puncturing (For Radio 1, 2)		
	☐	Supported Dynamic Puncturing		
	☒	Unsupported (For Radio 4(Pine Scanning radio))		
Support RU	☒	Full RU (For Radio 1, 2, 4)	☒	Partial RU (For Radio 1, 2)
Test Software Version	For Full RU: QSPR v6.00.00110.1 For Partial RU: QRCT v4.0.95.1			

Note: The above information was declared by manufacturer.

**1.1.6 Table for Radio function**

Radio \ Function	WLAN 2.4GHz	WLAN 5GHz	WLAN 6GHz	Bluetooth	Zigbee	GPS	UWB
1	V	V (UNII 1~2A)	-	-	-	-	-
2	-	V (UNII 2C~3/ UNII 1~3)	-	-	-	-	-
3	-	-	V	-	-	-	-
4 (Pine Scanning radio)	V	V (UNII 1~3)	V	-	-	-	-
5	-	-	-	V	V	-	-
6	-	-	-	-	-	V	-
7	-	-	-	-	-	-	V

Note1: The above information was declared by manufacturer.

Note2: For WLAN 2.4GHz: The Radio 1 and Radio 4(Pine Scanning radio) can't operate at the same frequency.
For WLAN 5GHz: The Radio 1, 2 and Radio 4(Pine Scanning radio) can't operate at the same frequency.
For WLAN 6GHz: The Radio 3 and Radio 4(Pine Scanning radio) can't operate at the same frequency simultaneously.

1.1.7 Table for Multiple Listing

Equipment Name	Model Name	SW	Frequencies supported by 320MHz
Cisco Wireless 9176D1 Series Wi-Fi 7 Access Point	CW9176D1	Cisco	6105, 6265, 6425, 6745 MHz
		Meraki	6105, 6265, 6425, 6585, 6745, 6905 MHz

Note: The above information was declared by manufacturer.

1.1.8 Table for EUT Support Function

Function	Supports Band
AP Router	2.4GHz, 5GHz UNII 1~3, 6GHz UNII 5~8, Bluetooth, Zigbee, UWB and GPS
Mesh	6GHz UNII 5~8

Note: The above information was declared by manufacturer.

1.1.9 Table for EUT Operation Function

Mode	Operation Function
1	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Bluetooth + Radio 7 UWB
2	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3)+ Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Bluetooth + Radio 7 UWB
3	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Bluetooth + Radio 7 UWB
4	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Zigbee + Radio 7 UWB
5	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Zigbee + Radio 7 UWB
6	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Zigbee + Radio 7 UWB
7	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Bluetooth + Radio 7 UWB
8	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Bluetooth + Radio 7 UWB
9	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Bluetooth + Radio 7 UWB
10	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Zigbee + Radio 7 UWB
11	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Zigbee + Radio 7 UWB
12	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Zigbee + Radio 7 UWB
13	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Bluetooth + Radio 7 UWB
14	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3)+ Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Bluetooth + Radio 7 UWB
15	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Bluetooth + Radio 7 UWB
16	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Zigbee + Radio 7 UWB
17	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Zigbee + Radio 7 UWB
18	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Zigbee + Radio 7 UWB
19	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Bluetooth + Radio 7 UWB
20	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Bluetooth + Radio 7 UWB
21	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Bluetooth + Radio 7 UWB
22	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Zigbee + Radio 7 UWB
23	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Zigbee + Radio 7 UWB
24	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Zigbee + Radio 7 UWB

Note: The above information was declared by manufacturer.



1.2 Applicable Standards

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

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

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

- ♦ FCC KDB 662911 D03 v01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

Testing Location Information	
Test Lab. : Sporton International Inc. Hsinchu Laboratory	
Hsinchu (TAF: 3787)	ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.) TEL: 886-3-656-9065 FAX: 886-3-656-9085 Test site Designation No. TW3787 with FCC. Conformity Assessment Body Identifier (CABID) TW3787 with ISED.

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (Test Mode: Mode 1~3)	TH02-CB	KJ Chang	22.7~23.6 / 64~66	Apr. 30, 2024~ May 22, 2024
RF Conducted (Test Mode: Mode 4~15)	TH02-CB	KJ Chang	22.7~23.6 / 64~66	Jul. 01, 2024~ Jul. 12, 2024
Radiated below 1GHz	03CH04-CB	Mark Hsu	22.7-23.8 / 56-59	Jun. 07, 2024
Radiated above 1GHz (Test Mode: Mode 1~3)	03CH01-CB	Mark Hsu	22-23 / 55-58	Apr. 22, 2024~ May 11, 2024
	03CH04-CB		22.7-23.8 / 56-59	
	03CH06-CB		21.4-22.5 / 55-58	
Radiated above 1GHz (Test Mode: Mode 4~7)	03CH01-CB	Mark Hsu	22-23 / 55-58	Jun. 24, 2024~ Jul. 12, 2024
	03CH04-CB		22.7-23.8 / 56-59	Jun. 24, 2024~ Jul. 12, 2024
	03CH06-CB		21.4-22.5 / 55-58	Jun. 24, 2024~ Jul. 12, 2024
AC Conduction	CO02-CB	Gray Lee	20~21 / 61~62	Jun. 17, 2024



1.4 Measurement Uncertainty

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

Before test date: May 28, 2024

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.2%	Confidence levels of 95%

After test date: May 27, 2024

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.1 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.0 dB	Confidence levels of 95%
Conducted Emission	3.1 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.1 dB	Confidence levels of 95%
Bandwidth Measurement	2.1 %	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Full RU
For Radio 1

Mode
802.11a_Nss1,(6Mbps)_1TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS14)_1TX
5290MHz
802.11be EHT160_Nss1,(MCS14)_1TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11a_Nss1,(6Mbps)_2TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS14)_2TX
5290MHz
802.11be EHT160_Nss1,(MCS14)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11a_Nss1,(6Mbps)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5270MHz



5310MHz
802.11be EHT80_Nss1,(MCS14)_4TX
5290MHz
802.11be EHT160_Nss1,(MCS14)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11be EHT20-BF_Nss1,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5270MHz
5310MHz
802.11be EHT80-BF_Nss1,(MCS14)_2TX
5290MHz
802.11be EHT160-BF_Nss1,(MCS14)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5270MHz
5310MHz
802.11be EHT80-BF_Nss1,(MCS14)_4TX
5290MHz
802.11be EHT160-BF_Nss1,(MCS14)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz

**For Radio 2**

Mode
802.11a_Nss1,(6Mbps)_1TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_1TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_1TX
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS14)_1TX
5290MHz
802.11be EHT160_Nss1,(MCS14)_1TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11a_Nss1,(6Mbps)_2TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_2TX
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS14)_2TX
5290MHz
802.11be EHT160_Nss1,(MCS14)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11a_Nss1,(6Mbps)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT20_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT40_Nss1,(MCS0)_4TX
5270MHz
5310MHz
802.11be EHT80_Nss1,(MCS14)_4TX
5290MHz
802.11be EHT160_Nss1,(MCS14)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz



802.11be EHT20-BF_Nss1,(MCS0)_2TX
5260MHz
5300MHz
5320MHz
802.11be EHT40-BF_Nss1,(MCS0)_2TX
5270MHz
5310MHz
802.11be EHT80-BF_Nss1,(MCS14)_2TX
5290MHz
802.11be EHT160-BF_Nss1,(MCS14)_2TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
802.11be EHT20-BF_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
802.11be EHT40-BF_Nss1,(MCS0)_4TX
5270MHz
5310MHz
802.11be EHT80-BF_Nss1,(MCS14)_4TX
5290MHz
802.11be EHT160-BF_Nss1,(MCS14)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz

For Radio 4(Pine Scanning radio)

Mode
802.11a_Nss1,(6Mbps)_1TX
5260MHz
5300MHz
5320MHz
802.11ax HEW20_Nss1,(MCS0)_1TX
5260MHz
5300MHz
5320MHz
802.11ax HEW40_Nss1,(MCS0)_1TX
5270MHz
5310MHz
802.11ax HEW80_Nss1,(MCS0)_1TX
5290MHz
802.11ax HEW160_Nss1,(MCS0)_1TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz

**For Multi-RU
For Radio 1**

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX
5290MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX
5290MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
5290MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX



5250MHz Straddle 5.25-5.35GHz

For Radio 2

Mode
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX
5290MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX
5290MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX
5290MHz
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX
5290MHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX
5250MHz Straddle 5.25-5.35GHz



802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX
5250MHz Straddle 5.25-5.35GHz

**For Puncturing
For Radio 1**

Mode
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_1TX
5290MHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_2TX
5290MHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_4TX
5290MHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_4TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_4TX
5250MHz Straddle 5.25-5.35GHz

For Radio 2

Mode
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_1TX
5290MHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 2_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_1TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 2_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_1TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_2TX
5290MHz



802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 2_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_2TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 2_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_2TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_4TX
5290MHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 2_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_4TX
5250MHz Straddle 5.15-5.25GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 2_4TX
5250MHz Straddle 5.25-5.35GHz
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 2_4TX
5250MHz Straddle 5.25-5.35GHz

Note:

- ♦ For Radio 1, 2: Evaluated EHT20/EHT40/EHT80/EHT160 mode only due to the similar modulation. The power setting of HT20/VHT20/HEW20/HT40/VHT40/HEW40/VHT80/HEW80/VHT160/HEW160 mode are the same or lower than EHT20/EHT40/EHT80/EHT160.
- ♦ For Radio 4(Pine Scanning radio): Evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation. The power setting of HT20/VHT20/HT40/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.
- ♦ 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.
- ♦ The puncturing/MRU PSD < Full RU PSD, thus selected the worst case of each combination to perform Unwanted Emissions above 1GHz test.

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	EUT + Radio 1 WLAN 2.4GHz + PoE 1
2	EUT + Radio 1 WLAN 2.4GHz + PoE 2
3	EUT + Radio 1 WLAN 2.4GHz + PoE 3
4	EUT + Radio 1 WLAN 2.4GHz + PoE 4
5	EUT + Radio 1 WLAN 2.4GHz + PoE 5
6	EUT + Radio 1 WLAN 2.4GHz + PoE 6
7	EUT + Radio 1 WLAN 2.4GHz + PoE 7
8	EUT + Radio 1 WLAN 2.4GHz + PoE 8
Mode 4 has been evaluated to be the worst case among Mode 1~8, thus measurement for Mode 9~16 will follow this same test mode.	
9	EUT + Radio 1 WLAN 5GHz (Low Band) + PoE 4
10	EUT + Radio 2 WLAN 5GHz + PoE 4
11	EUT + Radio 3 WLAN 6GHz + PoE 4
12	EUT + Radio 4(Pine Scanning radio) WLAN 2.4GHz + PoE 4
13	EUT + Radio 4(Pine Scanning radio) WLAN 5GHz + PoE 4
14	EUT + Radio 4(Pine Scanning radio) WLAN 6GHz + PoE 4
15	EUT + Radio 5 Bluetooth + PoE 4
16	EUT + Radio 5 Zigbee + PoE 4
For operating mode 9 is the worst case and it was record in this test report.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power
Test Condition	Conducted measurement at transmit chains
1	EUT + Radio 1
2	EUT + Radio 2
3	EUT + Radio 4(Pine Scanning radio)

The Worst Case Mode for Following Conformance Tests	
Tests Item	Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	EUT Full RU + Radio 1
2	EUT Full RU + Radio 2
3	EUT Full RU + Radio 4(Pine Scanning radio)
4	EUT Multi-RU + Radio 1 1TX
5	EUT Multi-RU + Radio 1 2TX
6	EUT Multi-RU + Radio 1 4TX
7	EUT Multi-RU + Radio 2 1TX
8	EUT Multi-RU + Radio 2 2TX
9	EUT Multi-RU + Radio 2 4TX
10	EUT Puncturing + Radio 1 1TX
11	EUT Puncturing + Radio 1 2TX
12	EUT Puncturing + Radio 1 4TX
13	EUT Puncturing + Radio 2 1TX
14	EUT Puncturing + Radio 2 2TX
15	EUT Puncturing + Radio 2 4TX



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
After evaluating, the worst case was found at as below for Emissions in Unwanted Emissions above 1GHz. Thus, the measurement will follow this same test configuration.	
1	EUT in X axis + Radio 1 WLAN 2.4GHz + PoE 1
2	EUT in X axis + Radio 1 WLAN 2.4GHz + PoE 2
3	EUT in X axis + Radio 1 WLAN 2.4GHz + PoE 3
4	EUT in X axis + Radio 1 WLAN 2.4GHz + PoE 4
5	EUT in X axis + Radio 1 WLAN 2.4GHz + PoE 5
6	EUT in X axis + Radio 1 WLAN 2.4GHz + PoE 6
7	EUT in X axis + Radio 1 WLAN 2.4GHz + PoE 7
8	EUT in X axis + Radio 1 WLAN 2.4GHz + PoE 8
Mode 1 has been evaluated to be the worst case among Mode 1~8, thus measurement for Mode 9~16 will follow this same test mode.	
9	EUT in X axis + Radio 1 WLAN 5GHz (Low Band) + PoE 1
10	EUT in X axis + Radio 2 WLAN 5GHz + PoE 1
11	EUT in X axis + Radio 3 WLAN 6GHz + PoE 1
12	EUT in X axis + Radio 4(Pine Scanning radio) WLAN 2.4GHz + PoE 1
13	EUT in Y axis + Radio 4(Pine Scanning radio) WLAN 5GHz + PoE 1
14	EUT in Y axis + Radio 4(Pine Scanning radio) WLAN 6GHz + PoE 1
15	EUT in Z axis + Radio 5 Bluetooth + PoE 1
16	EUT in X axis + Radio 5 Zigbee + PoE 1
For operating mode 10 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
After evaluating, and the worst case was found as below. So the measurement will follow this same test configuration.	
1	EUT in X axis for 1,2TX / EUT in Y axis for 4TX + Radio 1_Full RU
2	EUT in Y axis for 1,2TX / EUT in X axis for 4TX + Radio 1_Full RU
3	EUT in Y axis + Radio 4(Pine Scanning radio)_Full RU
4	EUT in X axis for 1,2TX / EUT in Y axis for 4TX + Radio 1_Multi-RU
5	EUT in Y axis for 1,2TX / EUT in X axis for 4TX + Radio 1_Multi-RU
6	EUT in X axis for 1,2TX / EUT in Y axis for 4TX + Radio 1_Puncturing



7	EUT in Y axis for 1,2TX / EUT in X axis for 4TX + Radio 1_Puncturing
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The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Bluetooth + Radio 7 UWB
2	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3)+ Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Bluetooth + Radio 7 UWB
3	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Bluetooth + Radio 7 UWB
4	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Zigbee + Radio 7 UWB
5	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Zigbee + Radio 7 UWB
6	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Zigbee + Radio 7 UWB
7	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Bluetooth + Radio 7 UWB
8	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Bluetooth + Radio 7 UWB
9	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Bluetooth + Radio 7 UWB
10	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Zigbee + Radio 7 UWB
11	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Zigbee + Radio 7 UWB
12	Radio 1 WLAN 2.4GHz + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Zigbee + Radio 7 UWB
13	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Bluetooth + Radio 7 UWB
14	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3)+ Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Bluetooth + Radio 7 UWB
15	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Bluetooth + Radio 7 UWB
16	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Zigbee + Radio 7 UWB
17	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Zigbee + Radio 7 UWB
18	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 2C~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Zigbee + Radio 7 UWB

19	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Bluetooth + Radio 7 UWB
20	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Bluetooth + Radio 7 UWB
21	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Bluetooth + Radio 7 UWB
22	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 2.4GHz + Radio 5 Zigbee + Radio 7 UWB
23	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 5GHz + Radio 5 Zigbee + Radio 7 UWB
24	Radio 1 WLAN 5GHz (UNII 1~2A) + Radio 2 WLAN 5GHz (UNII 1~3) + Radio 3 WLAN 6GHz + Radio 4(Pine Scanning radio) WLAN 6GHz + Radio 5 Zigbee + Radio 7 UWB
Refer to Sporton Test Report No.: FA430535AB for Co-location RF Exposure Evaluation.	

Note 1: The PoE is for measurement only, would not be marketed.

Their information as below:

Power	Brand	Model
PoE 1	Microsemi	PD-9001GR/AT/AC
PoE 2	PHIHONG	POE29U-1AT(PL)
PoE 3	DELTA	ADH-65AR B
PoE 4	PHIHONG	POEA33U-1ATE
PoE 5	PHIHONG	POE60U-1BT-X
PoE 6	PHIHONG	POE60U-BTA(X66M-R)
PoE 7	PHIHONG	POE60U-BTA(X664-R)
PoE 8	DELTA	ADH-65AR P

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Bracket*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	PoE 4	PHIHONG	POEA33U-1ATE	N/A
B	PC	ASUS	S300TA	N/A
C	Flash disk3.0	Transcend	JetFlash-703	N/A

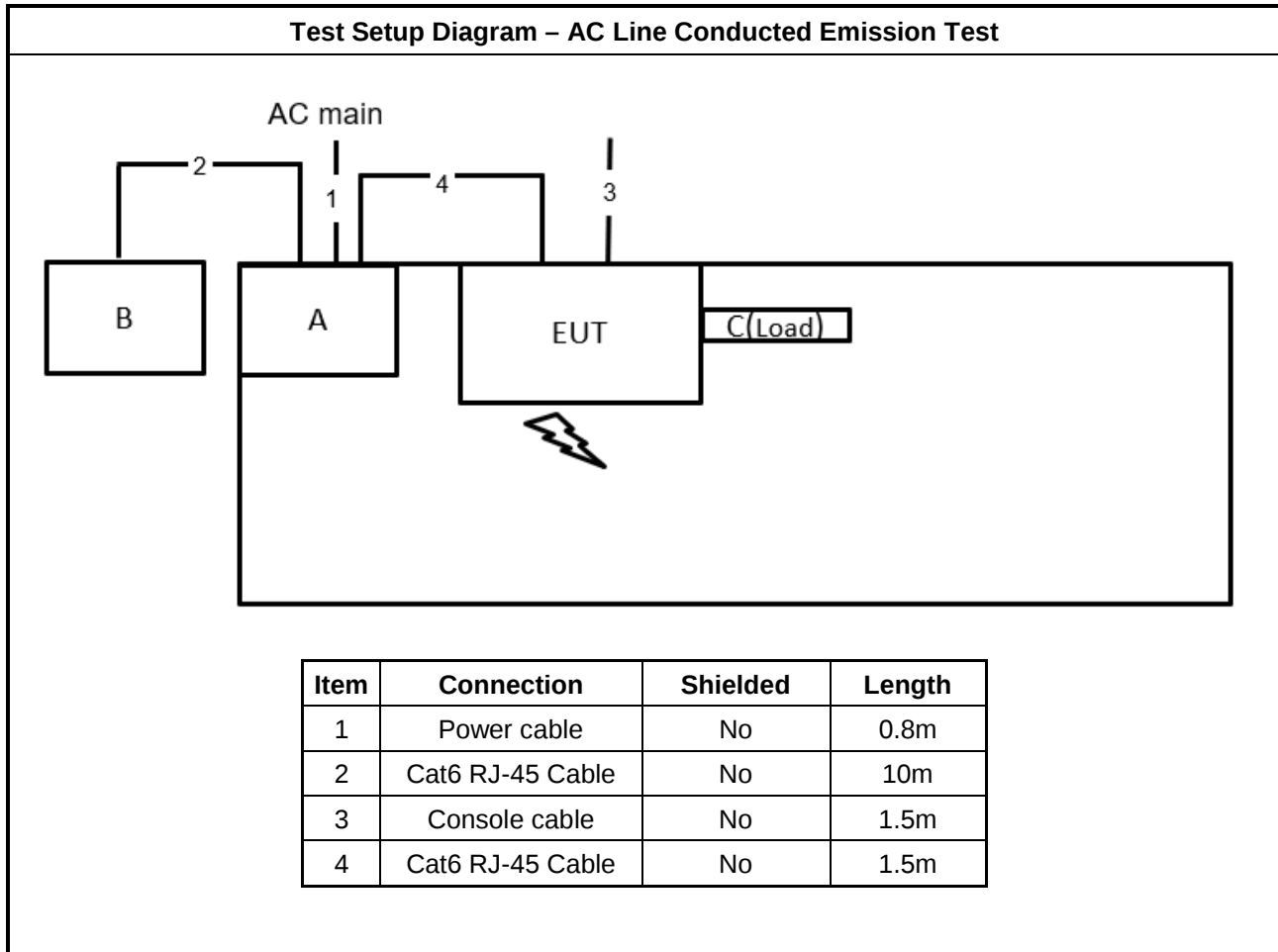
For Radiated:

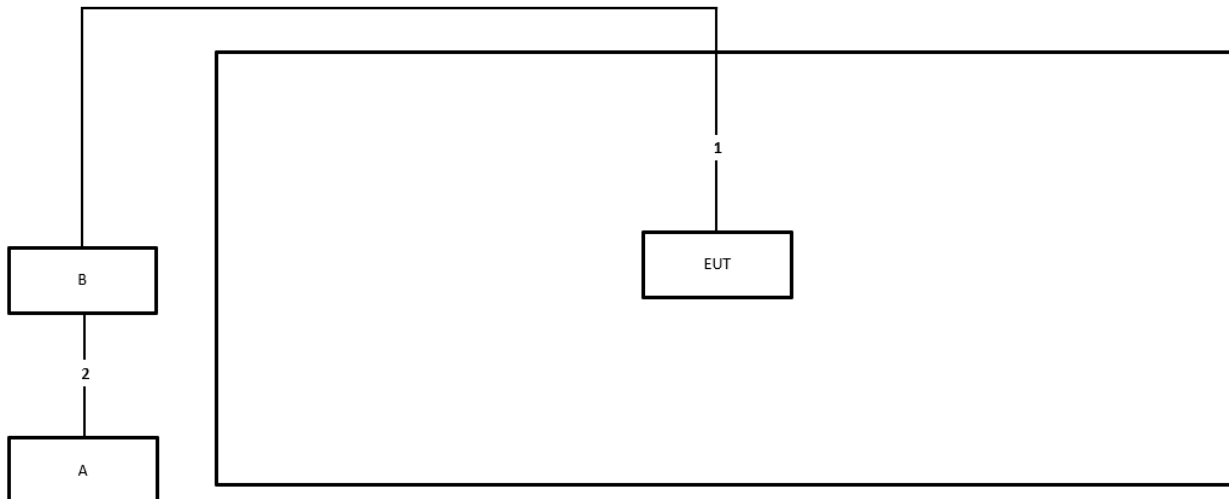
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE 2	PHIHONG	POE29U-1AT(PL)	N/A

For RF Conducted:

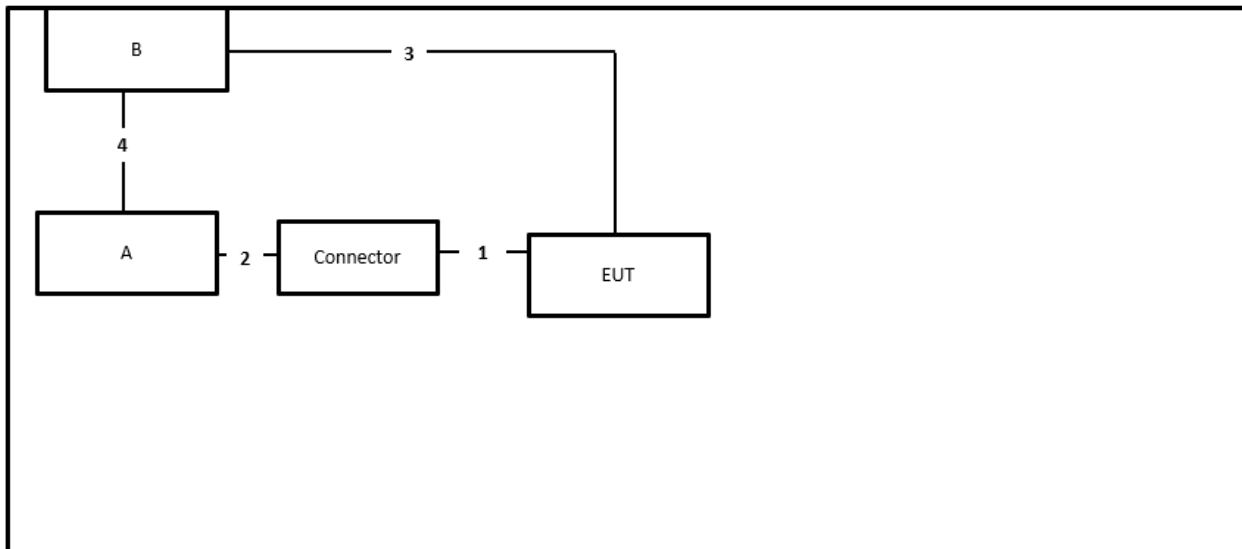
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	PoE 6	PHIHONG	POE60U-BTA(X66M-R)	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test < 1GHz


Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz


Item	Connection	Shielded	Length
1	Console cable (RS-232 to RJ-45)	No	1m
2	Console cable (RS-232 to USB)	No	1m
3	RJ-45 cable	No	1m
4	RJ-45 cable	No	1m



3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

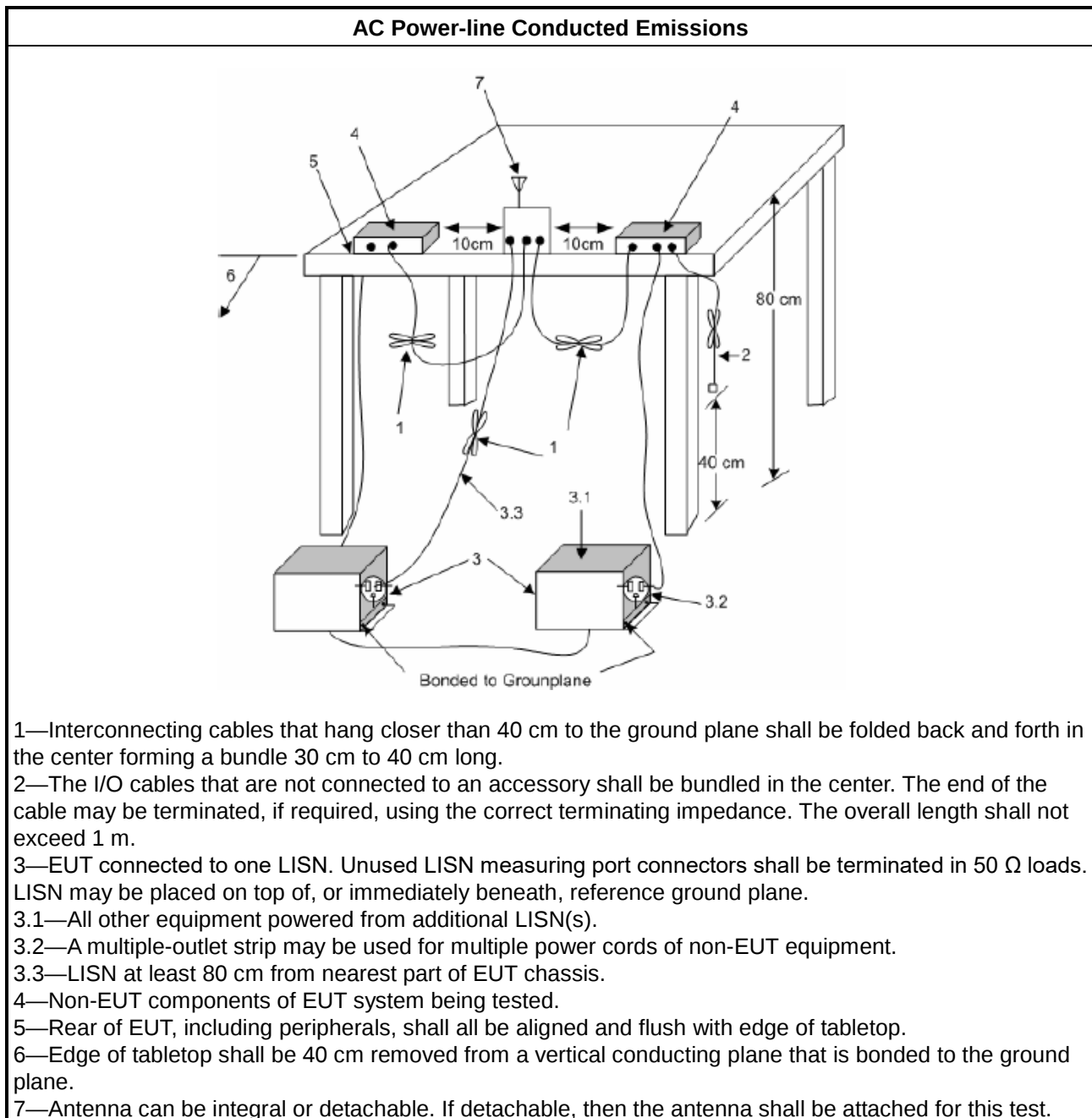
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- a. Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- b. Margin = -Limit + Level

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, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.725-5.85 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth $\geq 500\text{kHz}$.
LE-LAN Devices	
☐	For the band 5.15-5.25 GHz, the maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.

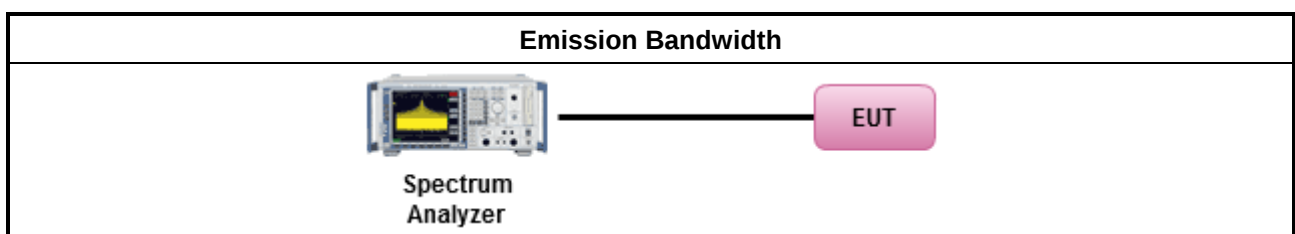
3.2.2 Measuring Instruments

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 FCC KDB 789033 D02, clause C for EBW and clause D for OBW measurement.
☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B



3.3 Maximum Output Power

3.3.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	The maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, 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 the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, 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: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band:
☐	- For other devices: The maximum e.i.r.p. shall not exceed 200 mW or $10 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz. - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band:
☐	- For other devices: The maximum conducted output power shall not exceed 250 mW or $11 + 10 \log 10 B$, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz - Vehicles devices: The maximum e.i.r.p. shall not exceed 30 mW or $1.76 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum conducted output power shall not exceed 250 mW or $11 + 10 \log 10 B$, dBm, and the maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log B$, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.725-5.85 GHz band: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

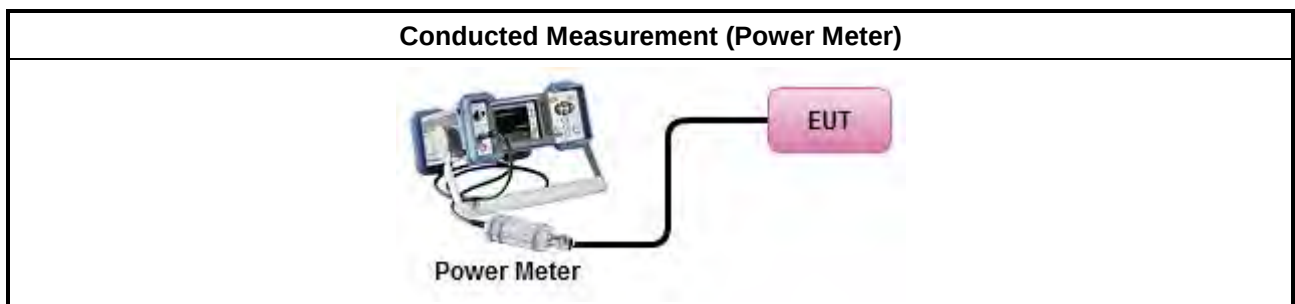
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
	Average over on/off periods with duty factor
☐	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, 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 FCC KDB 789033 D02, clause E Method PM-G (using an RF average power meter).
☒	For conducted measurement.
	If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$
☐	For radiated measurement.
	- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz. - Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.3.4 Test Setup



3.3.5 Test Result of Maximum Output Power

Refer as Appendix C



3.4 Power Spectral Density

3.4.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
☐	The peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If $G_{TX} > 6$ dBi, then $P_{Out} = 17 - (G_{TX} - 6)$.
☒	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: the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band: the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If $G_{TX} > 6$ dBi, then $PPSD = 30 - (G_{TX} - 6)$.
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

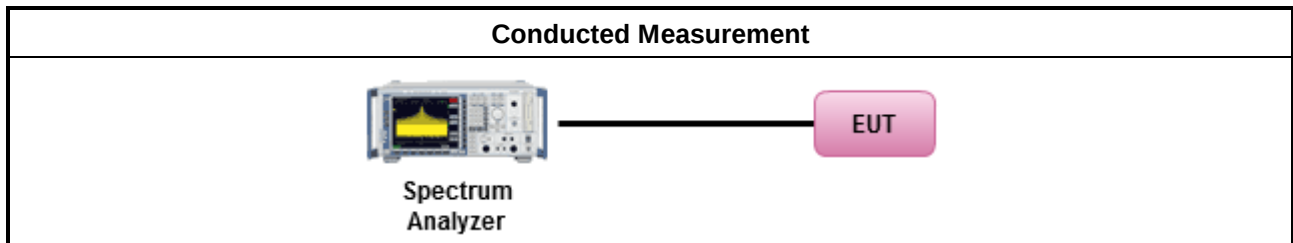
Refer a test equipment and calibration data table in this test report.

**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 FCC KDB 789033 D02, 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% or external video / power trigger]	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-1 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)
duty cycle < 98% and average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033 D02, 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:	
☒	Option 1: Measure and sum the spectra across the outputs. Refer as FCC 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.
☐	Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
☐	Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
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]) $EIRP_{total} = PPSD_{total} + DG$	
☐ For radiated measurement.	
- Refer as FCC KDB 789033 D02 clause II A.1.F "Antenna-port Conducted versus Radiated Testing" - Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	

Test Method	
	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup



3.4.5 Test Result of Power Spectral Density

Refer as Appendix D



3.5 Unwanted Emissions

3.5.1 Transmitter 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	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
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

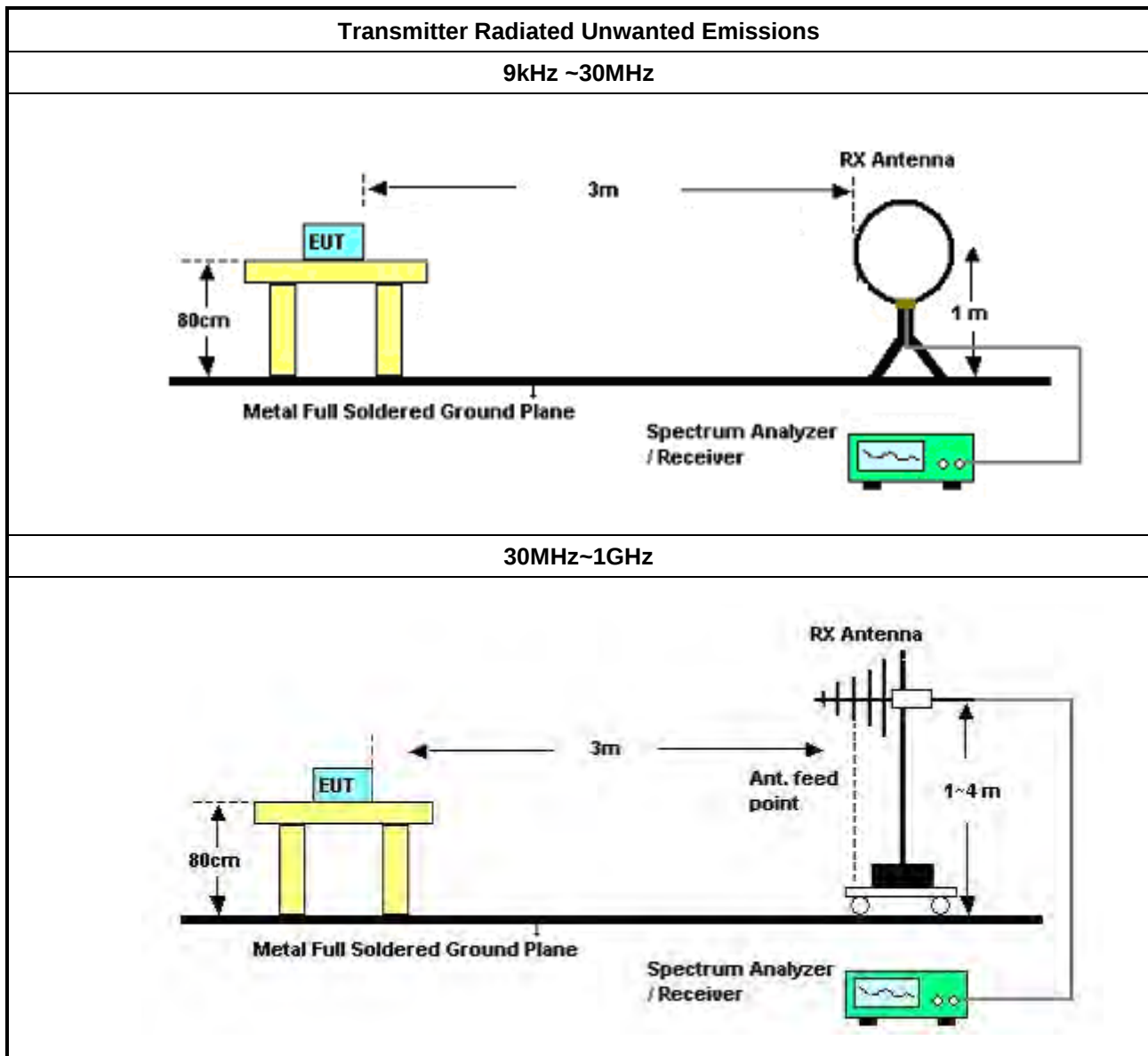
Refer a test equipment and calibration data table in this test report.

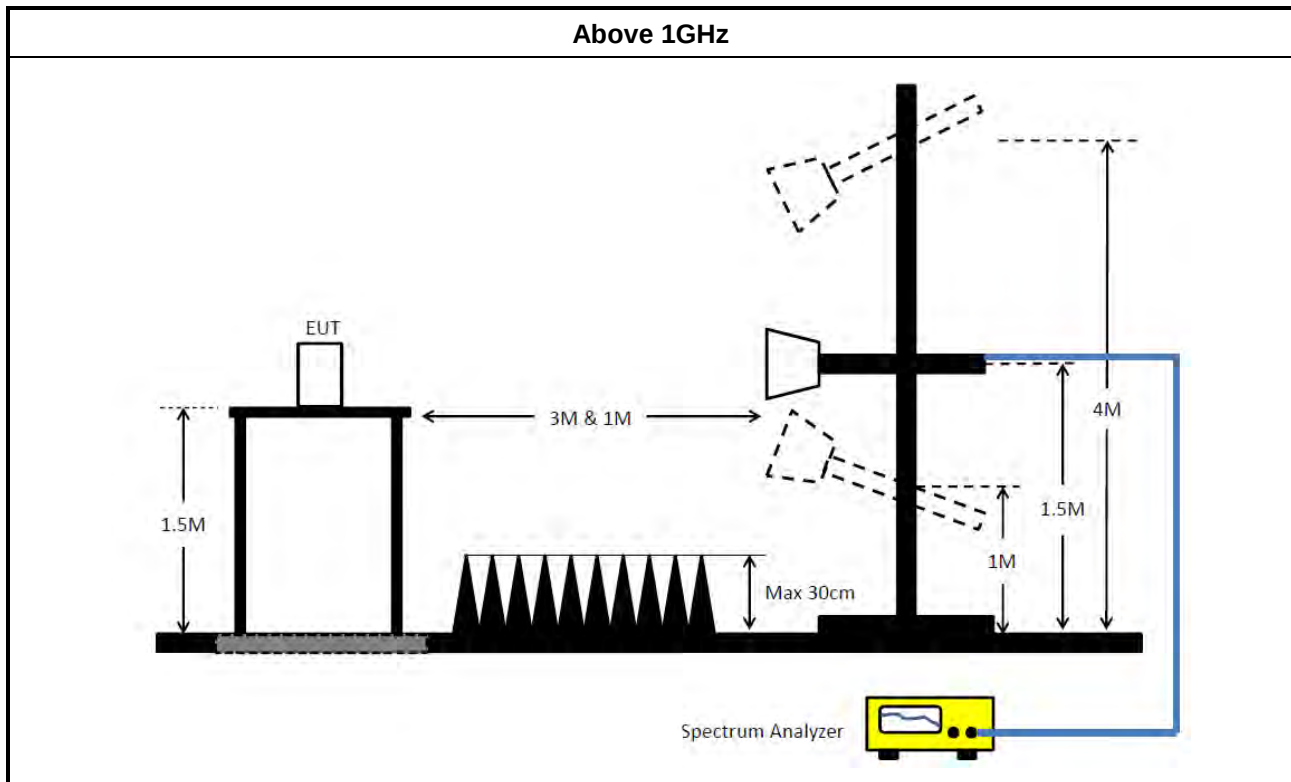


3.5.3 Test Procedures

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 FCC KDB 789033 D02, clause G)2) for unwanted emissions into non-restricted bands.
	Refer as FCC KDB 789033 D02, clause G)1) for unwanted emissions into restricted bands.
	☐ Refer as FCC KDB 789033 D02, G)6) Method AD (Trace Averaging).
	☒ Refer as FCC KDB 789033 D02, G)6) Method VB (Reduced VBW).
	☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW $\geq$ 1/T, where T is pulse time.
	☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
	☒ Refer as FCC KDB 789033 D02, clause G)5) measurement procedure peak limit.
	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
For radiated measurement.	
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.
The any unwanted emissions level shall not exceed the fundamental emission level.	
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	

3.5.4 Test Setup





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna factor (AF) + Cable loss (CL) + Read level (Raw) - Preamp factor (PA)(if applicable) = Level.

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

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

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Apr. 15, 2024	Apr. 14, 2025	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Dec. 29, 2023	Dec. 28, 2024	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	May 15, 2024	May 14, 2025	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Oct. 17, 2023	Oct. 16, 2024	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 14, 2023	Aug. 13, 2024	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 19, 2023	Oct. 18, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 02, 2023	Oct. 01, 2024	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 –26.5 GHz	Oct. 03, 2023	Oct. 02, 2024	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)
Loop Antenna	Teseq	HLA 6121	65417	9kHz - 30 MHz	Oct. 13, 2023	Oct. 12, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH04-CB	30 MHz ~ 1 GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 22, 2024	Feb. 21, 2025	Radiation (03CH04-CB)
BILOG ANTENNA with 6 dB attenuator	Schaffner & EMCI	CBL6112B & N-6-06	22021&AT-N06 07	30MHz ~ 1GHz	Oct. 07, 2023	Oct. 06, 2024	Radiation (03CH04-CB)
Horn Antenna	ETS-Lindgren	3115	00143147	750MHz~18GHz	Oct. 04, 2023	Oct. 03, 2024	Radiation (03CH04-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH04-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 22, 2024	May 21, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH5265	20211115-1	1~ 26.5GHz	Jan. 17, 2024	Jan. 16, 2025	Radiation (03CH04-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 19, 2024	Mar. 18, 2025	Radiation (03CH04-CB)
EMI Test Receiver	R&S	ESR7	102171	9kHz ~ 7GHz	Jul. 26, 2023	Jul. 25, 2024	Radiation (03CH04-CB)
RF Cable-low	Woken	RG402	Low Cable-03+67	30MHz ~ 1GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 05, 2023	May 04, 2024	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 04, 2024	May 03, 2025	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	BBHA 9120D-01816	1GHz~18GHz	Dec. 20, 2023	Dec. 19, 2024	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 18, 2023	May 17, 2024	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 17, 2024	May 16, 2025	Radiation (03CH01-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH01-CB)
Signal Analyzer	R&S	FSV3044	101437	10kHz ~ 44GHz	Nov. 28, 2023	Nov. 27, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Nov. 06, 2023	Nov. 05, 2024	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH01-CB)



Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 31, 2023	Jul. 30, 2024	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Sep. 04, 2023	Sep. 03, 2024	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug. 01, 2023	Jul. 31, 2024	Radiation (03CH06-CB)
Pre-Amplifier	SGH	SGH184	20221107-3	18GHz ~ 40GHz	Nov. 24, 2023	Nov. 23, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101903	9kHz ~ 40GHz	May 29, 2023	May 28, 2024	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	Apr. 26, 2024	Apr. 25, 2025	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+68	1GHz~18GHz	Oct. 02, 2023	Oct. 01, 2024	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+6	1GHz ~ 40 GHz	Jan. 11, 2024	Jan. 10, 2025	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)

Note: Calibration Interval of instruments listed above is one year.

NCR means Non-Calibration required.



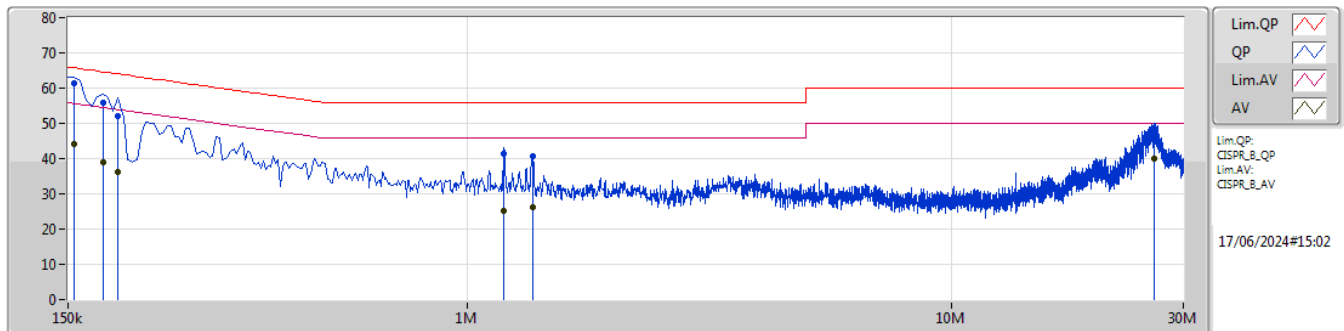
Conducted Emissions at Powerline

Appendix A

Summary

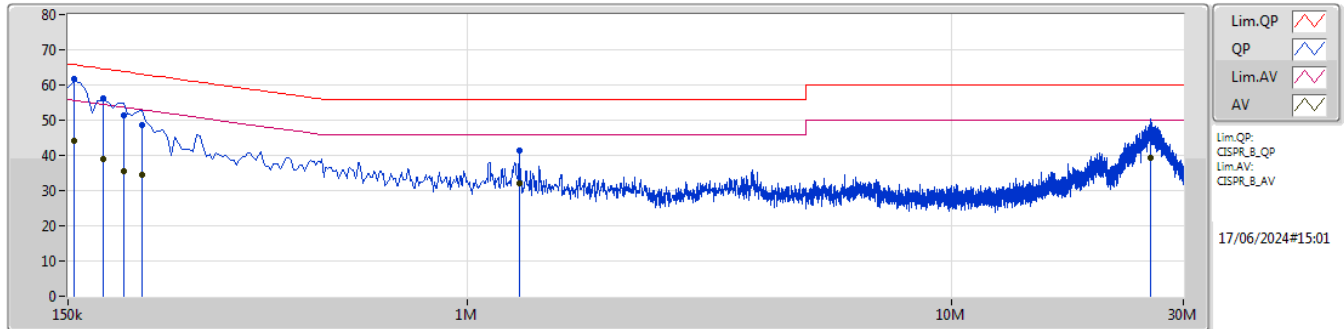
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 9	Pass	QP	154.5k	61.62	65.75	-4.13	Neutral

Mode 9



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	61.43	65.75	-4.32	10.09	Line	"Worst"	51.34	0.05	0.03	10.01						
AV	154.5k	44.15	55.75	-11.60	10.09	Line	-	34.06	0.05	0.03	10.01						
QP	177k	56.02	64.62	-8.60	10.08	Line	-	45.94	0.05	0.03	10.00						
AV	177k	38.85	54.62	-15.77	10.08	Line	-	28.77	0.05	0.03	10.00						
QP	190.5k	52.03	64.01	-11.98	10.07	Line	-	41.96	0.05	0.03	9.99						
AV	190.5k	36.20	54.01	-17.81	10.07	Line	-	26.13	0.05	0.03	9.99						
QP	1.19M	41.46	56.00	-14.54	10.12	Line	-	31.34	0.08	0.04	10.00						
AV	1.19M	25.29	46.00	-20.71	10.12	Line	-	15.17	0.08	0.04	10.00						
QP	1.361M	40.81	56.00	-15.19	10.11	Line	-	30.70	0.08	0.05	9.98						
AV	1.361M	26.26	46.00	-19.74	10.11	Line	-	16.15	0.08	0.05	9.98						
QP	26.156M	47.10	60.00	-12.90	10.63	Line	-	36.47	0.53	0.24	9.86						
AV	26.156M	39.99	50.00	-10.01	10.63	Line	-	29.36	0.53	0.24	9.86						

Mode 9



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)						
QP	154.5k	61.62	65.75	-4.13	10.09	Neutral	"Worst"	51.53	0.05	0.03	10.01						
AV	154.5k	44.15	55.75	-11.60	10.09	Neutral	-	34.06	0.05	0.03	10.01						
QP	177k	56.28	64.62	-8.34	10.08	Neutral	-	46.20	0.05	0.03	10.00						
AV	177k	39.09	54.62	-15.53	10.08	Neutral	-	29.01	0.05	0.03	10.00						
QP	195k	51.52	63.82	-12.30	10.07	Neutral	-	41.45	0.05	0.03	9.99						
AV	195k	35.65	53.82	-18.17	10.07	Neutral	-	25.58	0.05	0.03	9.99						
QP	213k	48.54	63.09	-14.55	10.07	Neutral	-	38.47	0.05	0.03	9.99						
AV	213k	34.44	53.09	-18.65	10.07	Neutral	-	24.37	0.05	0.03	9.99						
QP	1.28M	41.22	56.00	-14.78	10.10	Neutral	-	31.12	0.07	0.04	9.99						
AV	1.28M	32.11	46.00	-13.89	10.10	Neutral	-	22.01	0.07	0.04	9.99						
QP	25.652M	45.58	60.00	-14.42	10.39	Neutral	-	35.19	0.30	0.23	9.86						
AV	25.652M	39.24	50.00	-10.76	10.39	Neutral	-	28.85	0.30	0.23	9.86						

Test Mode: Mode 1
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS14)_1TX	79.92M	77.401M	77M4D1D	79.92M	77.401M
802.11be EHT160_Nss1,(MCS14)_2TX	80.96M	77.721M	77M7D1D	80M	77.561M
802.11be EHT160_Nss1,(MCS14)_4TX	80.48M	77.641M	77M6D1D	80M	77.321M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.605M	16.866M	16M9D1D	21.12M	16.58M
802.11a_Nss1,(6Mbps)_2TX	22.825M	16.712M	16M7D1D	21.065M	16.558M
802.11a_Nss1,(6Mbps)_4TX	22.495M	16.756M	16M8D1D	21.12M	16.448M
802.11be EHT20_Nss1,(MCS0)_1TX	22.385M	19.115M	19M1D1D	21.945M	18.966M
802.11be EHT20_Nss1,(MCS0)_2TX	22.605M	19.14M	19M1D1D	21.12M	18.966M
802.11be EHT20_Nss1,(MCS0)_4TX	22.605M	19.115M	19M1D1D	21.12M	18.966M
802.11be EHT40_Nss1,(MCS0)_1TX	42.46M	37.931M	37M9D1D	41.91M	37.881M
802.11be EHT40_Nss1,(MCS0)_2TX	42.9M	37.931M	37M9D1D	40.81M	37.881M
802.11be EHT40_Nss1,(MCS0)_4TX	42.79M	37.881M	37M9D1D	40.48M	37.731M
802.11be EHT80_Nss1,(MCS14)_1TX	80.74M	77.461M	77M5D1D	80.74M	77.461M
802.11be EHT80_Nss1,(MCS14)_2TX	81.18M	77.661M	77M7D1D	80.74M	77.461M
802.11be EHT80_Nss1,(MCS14)_4TX	80.3M	77.661M	77M7D1D	79.86M	77.261M
802.11be EHT160_Nss1,(MCS14)_1TX	80M	77.481M	77M5D1D	80M	77.481M
802.11be EHT160_Nss1,(MCS14)_2TX	81.44M	77.481M	77M5D1D	81.04M	77.401M
802.11be EHT160_Nss1,(MCS14)_4TX	80.4M	77.561M	77M6D1D	79.6M	77.321M

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

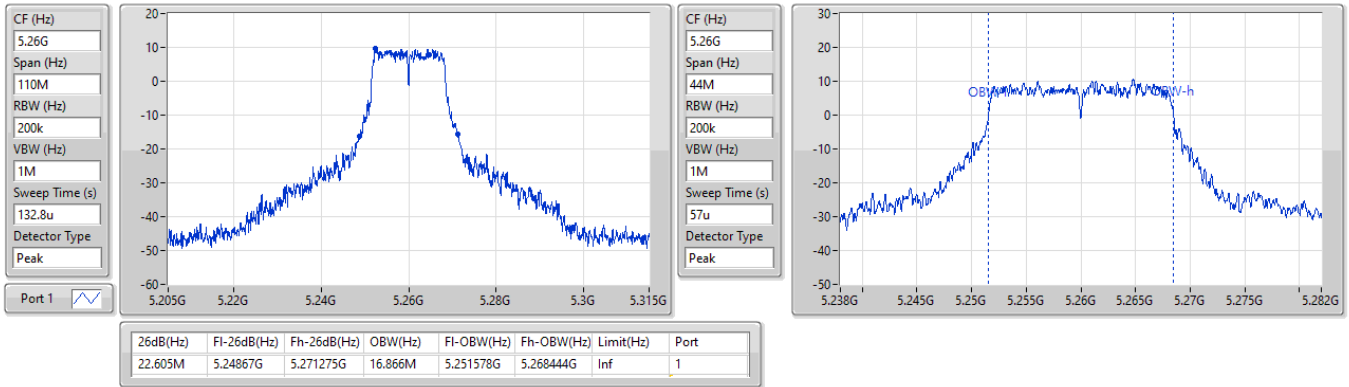
Result

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)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.605M	16.866M	-	-	-	-	-	-
5300MHz	Pass	Inf	21.89M	16.624M	-	-	-	-	-	-
5320MHz	Pass	Inf	21.12M	16.58M	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.385M	19.115M	-	-	-	-	-	-
5300MHz	Pass	Inf	21.945M	18.966M	-	-	-	-	-	-
5320MHz	Pass	Inf	22.275M	18.991M	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.91M	37.881M	-	-	-	-	-	-
5310MHz	Pass	Inf	42.46M	37.931M	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.74M	77.461M	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	79.92M	77.401M	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80M	77.481M	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.285M	16.646M	21.395M	16.58M	-	-	-	-
5300MHz	Pass	Inf	21.67M	16.69M	22.825M	16.712M	-	-	-	-
5320MHz	Pass	Inf	21.065M	16.668M	21.89M	16.558M	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.22M	18.966M	22.11M	18.991M	-	-	-	-
5300MHz	Pass	Inf	22.605M	19.015M	21.12M	18.991M	-	-	-	-
5320MHz	Pass	Inf	22M	18.991M	21.23M	19.14M	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	42.9M	37.931M	42.02M	37.931M	-	-	-	-
5310MHz	Pass	Inf	40.81M	37.931M	40.81M	37.881M	-	-	-	-
802.11be EHT80_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.74M	77.661M	81.18M	77.461M	-	-	-	-
802.11be EHT160_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.96M	77.721M	80M	77.561M	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.44M	77.481M	81.04M	77.401M	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.56M	16.602M	22.055M	16.448M	21.835M	16.69M	21.12M	16.558M
5300MHz	Pass	Inf	22.44M	16.624M	22.495M	16.734M	21.945M	16.602M	21.78M	16.734M
5320MHz	Pass	Inf	21.56M	16.536M	21.67M	16.646M	22.165M	16.69M	22.495M	16.756M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.285M	18.991M	21.835M	19.015M	22.605M	19.04M	22M	18.966M
5300MHz	Pass	Inf	22.275M	18.991M	21.175M	19.015M	22.44M	18.991M	21.945M	18.991M
5320MHz	Pass	Inf	21.285M	19.04M	22.44M	19.015M	21.725M	18.991M	21.12M	19.115M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	42.79M	37.831M	42.13M	37.831M	42.13M	37.881M	41.47M	37.731M
5310MHz	Pass	Inf	42.46M	37.881M	40.48M	37.881M	41.69M	37.831M	40.7M	37.831M
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.08M	77.561M	80.3M	77.461M	80.3M	77.661M	79.86M	77.261M
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.48M	77.641M	80.08M	77.321M	80.08M	77.481M	80M	77.401M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.4M	77.481M	79.6M	77.481M	79.84M	77.561M	80.08M	77.321M

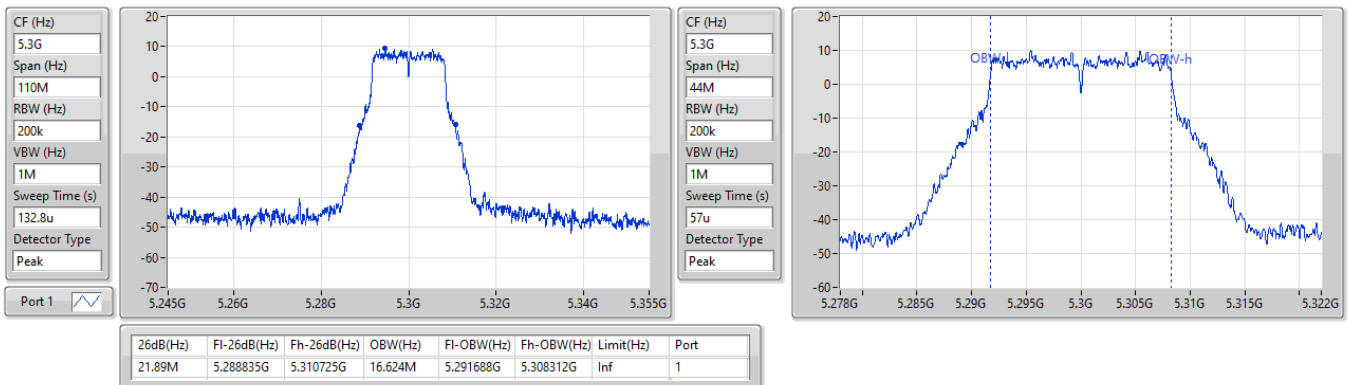
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

20/05/2024

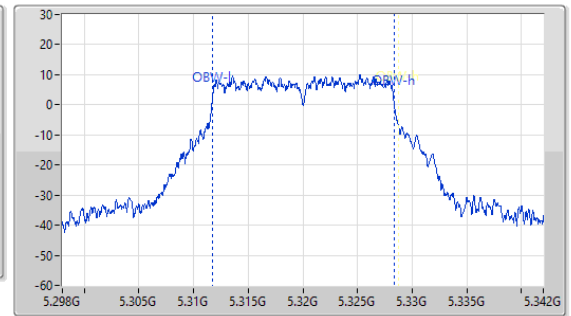
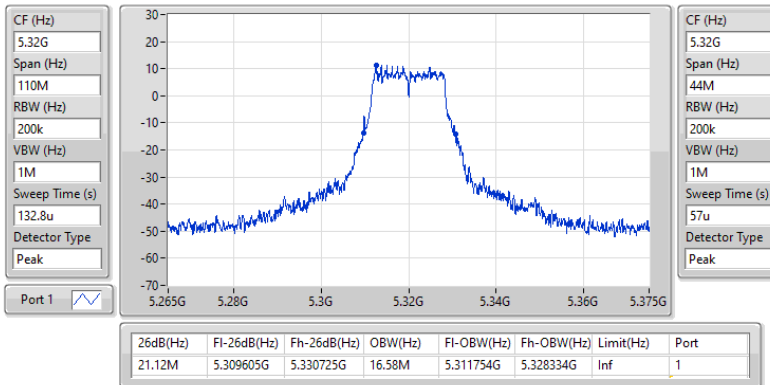

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

20/05/2024

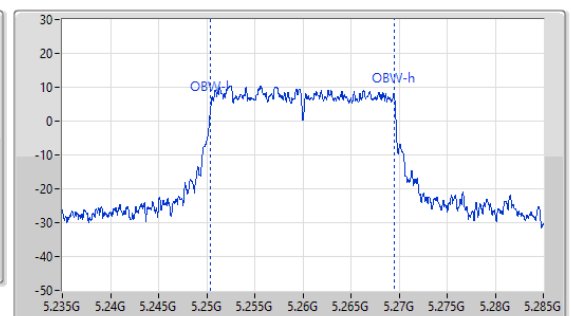
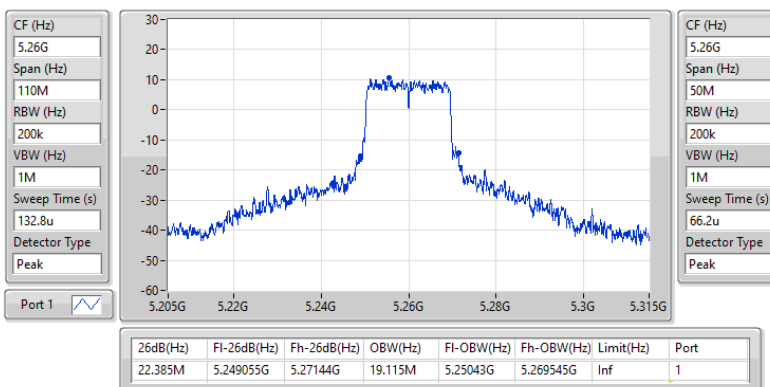


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

20/05/2024

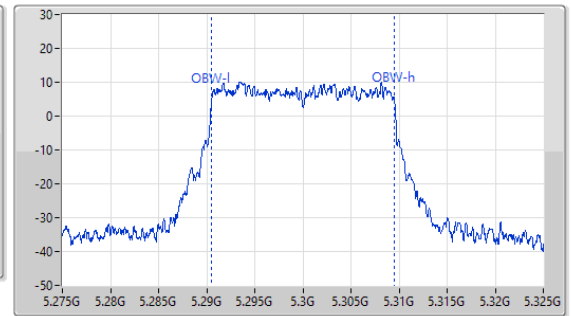
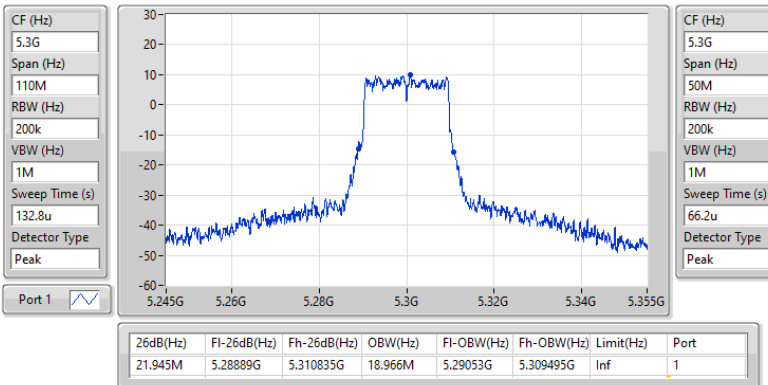

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

21/05/2024

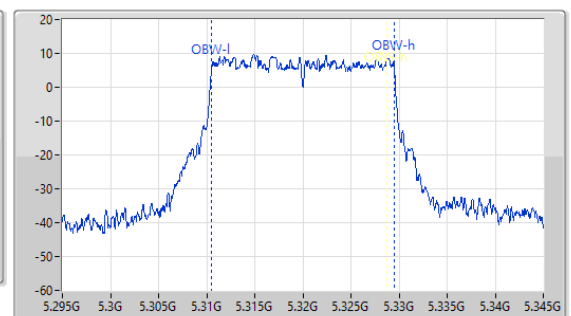
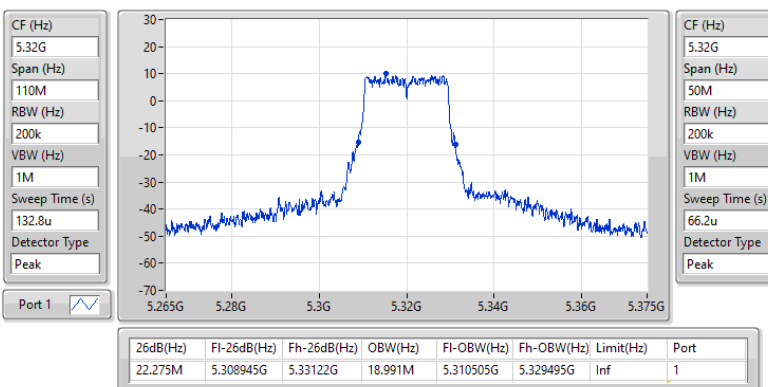


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5300MHz

21/05/2024

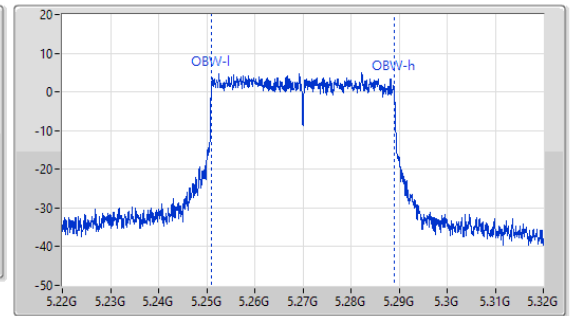
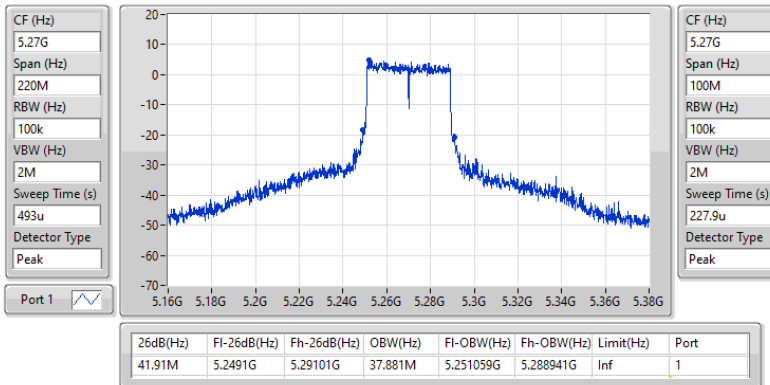

5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5320MHz

21/05/2024

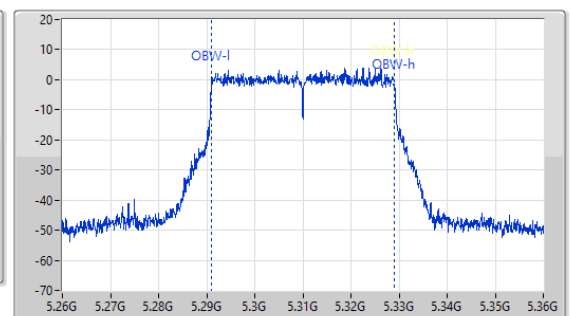
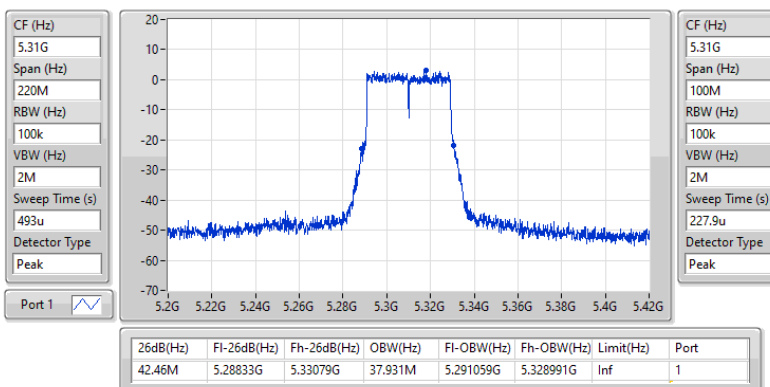


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

21/05/2024


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

21/05/2024

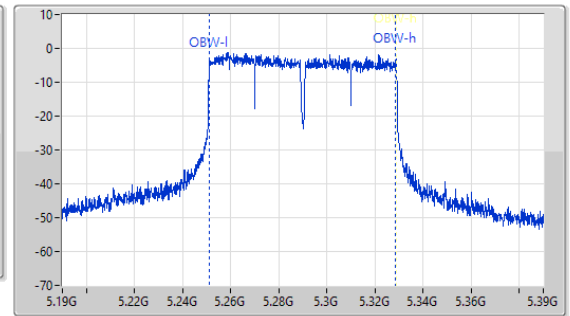
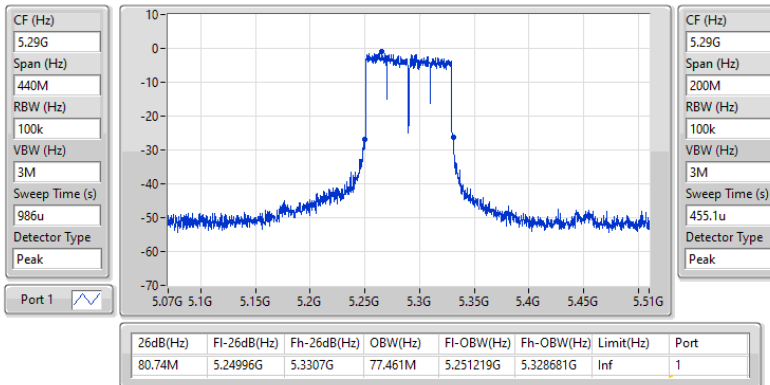


5.25-5.35GHz 802.11be EHT80_Nss1,(MCS14)_1TX

EBW

5290MHz

21/05/2024

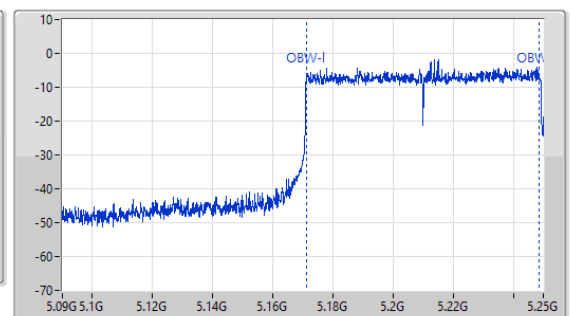
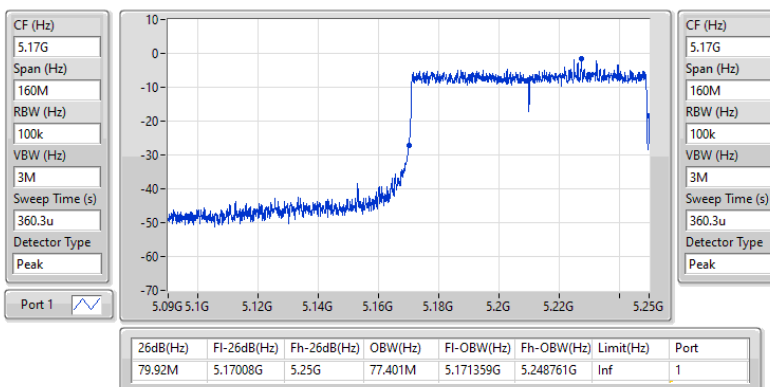


5.15-5.25GHz 802.11be EHT160_Nss1,(MCS14)_1TX

EBW

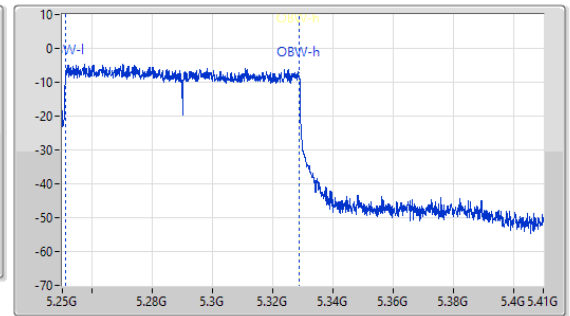
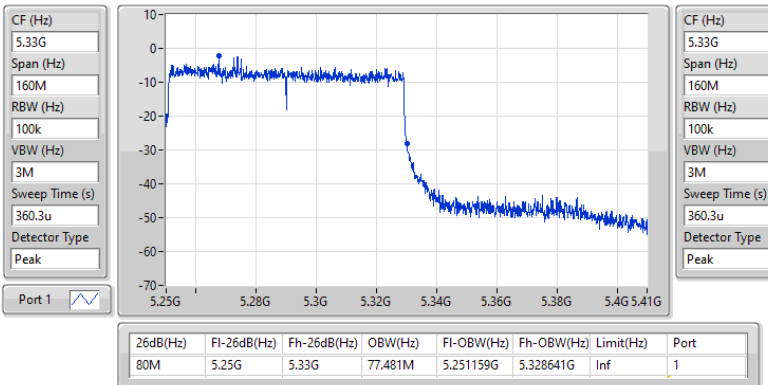
5250MHz Straddle 5.15-5.25GHz

21/05/2024

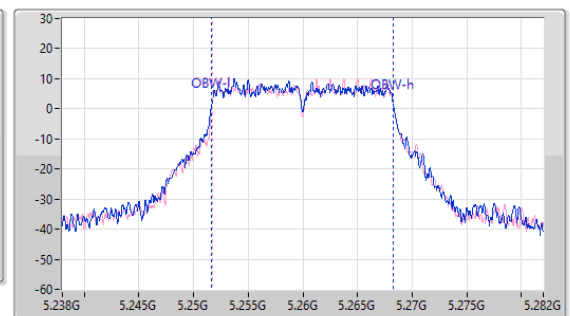
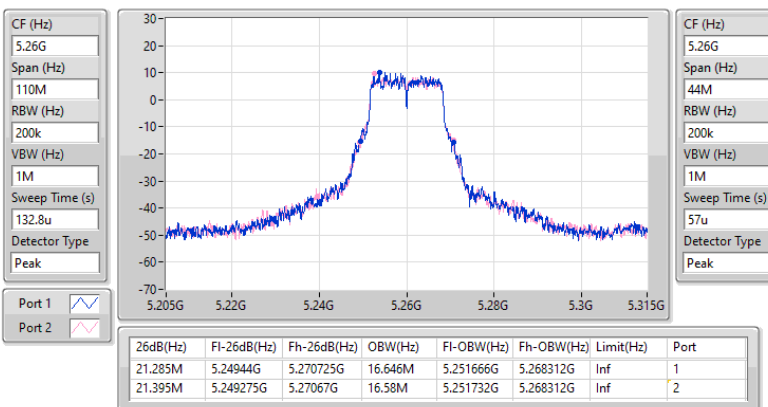


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS14)_1TX
EBW
5250MHz Straddle 5.25-5.35GHz

21/05/2024


5.25-5.35GHz 802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

20/05/2024

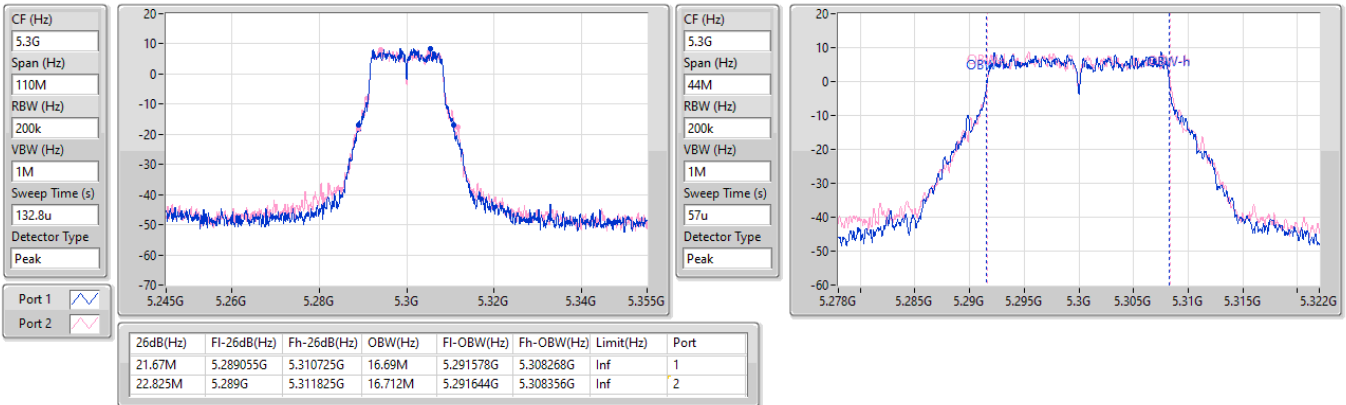


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

5300MHz

20/05/2024

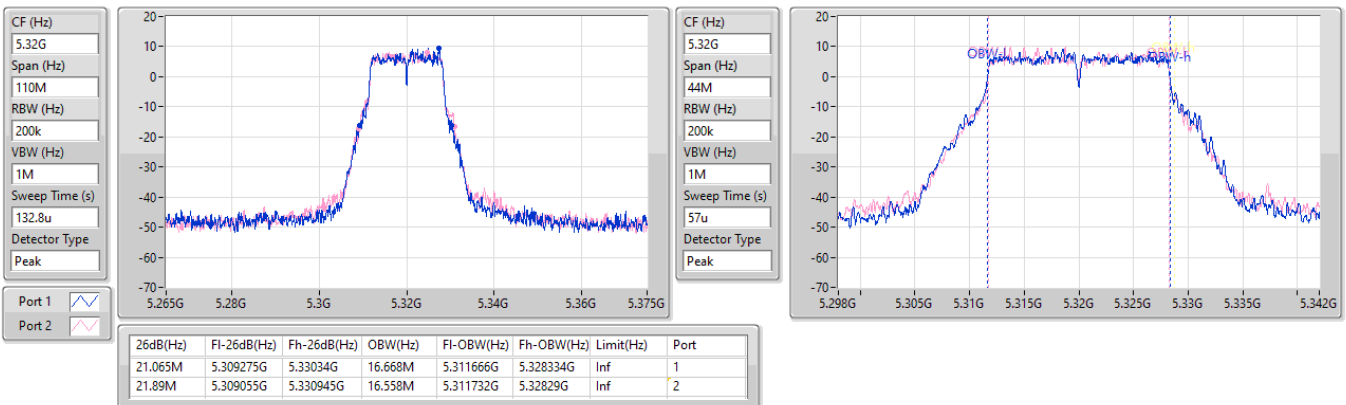


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX

EBW

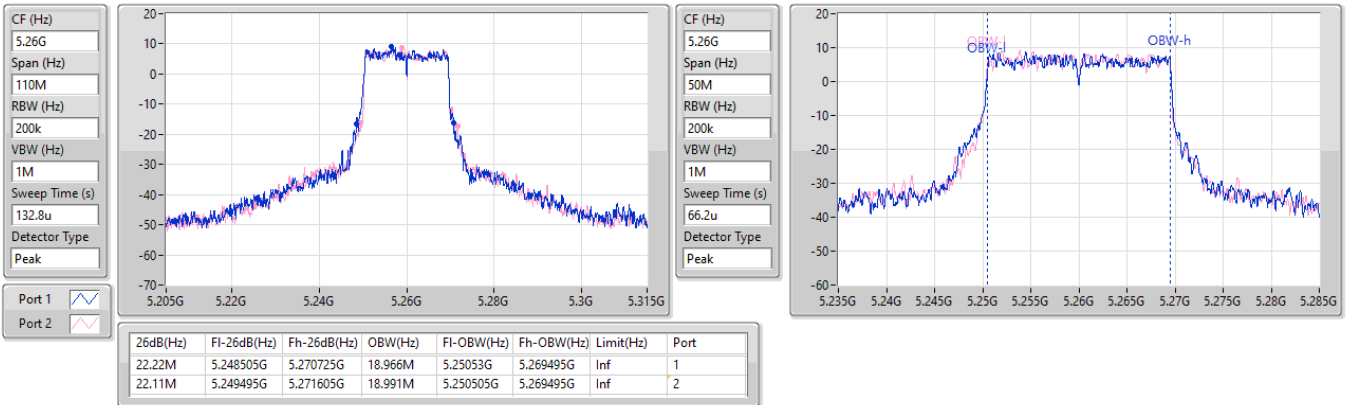
5320MHz

20/05/2024

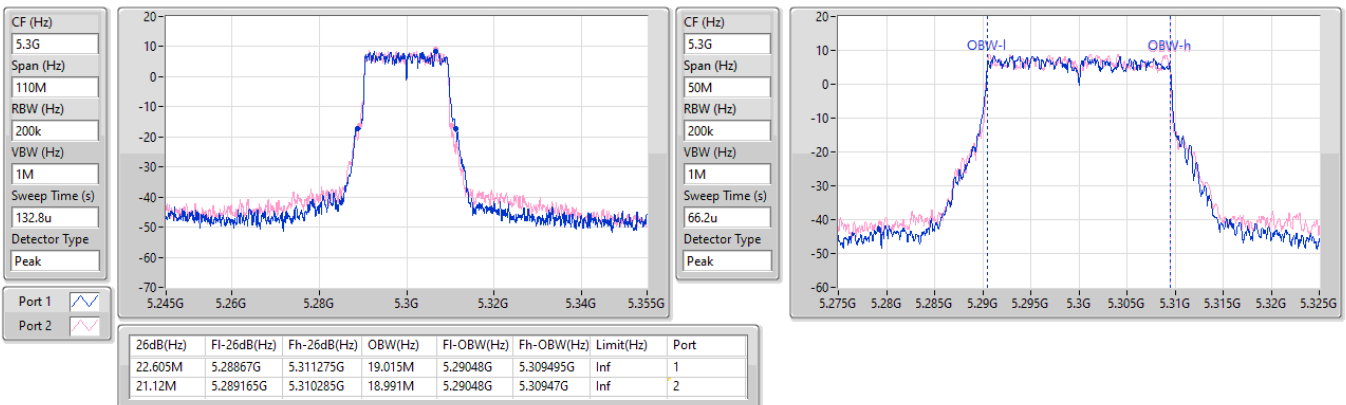


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

21/05/2024

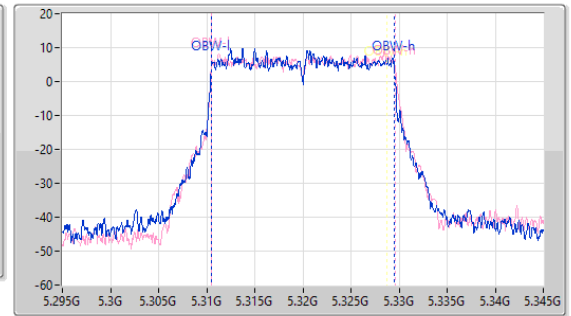
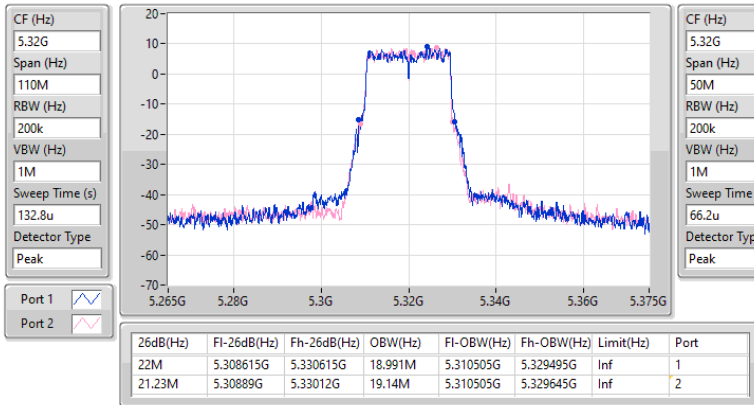

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

21/05/2024

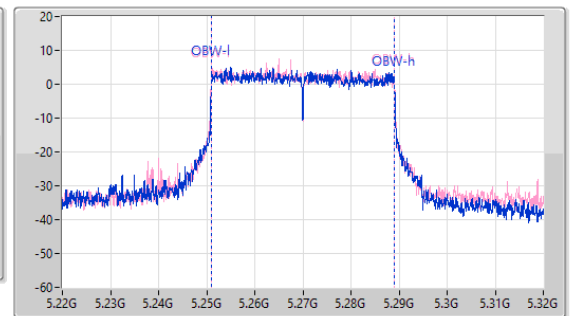
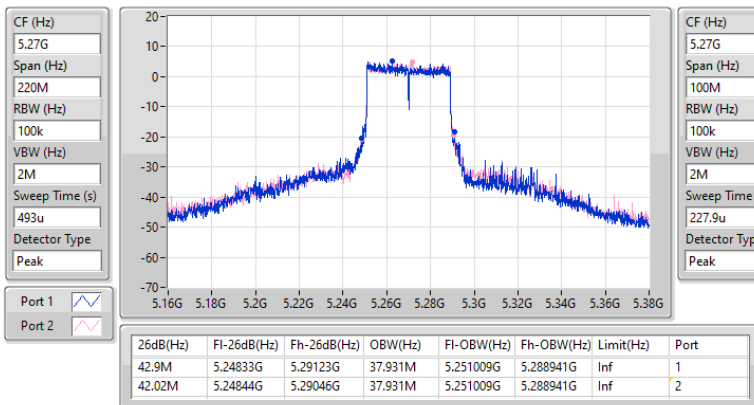


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

21/05/2024

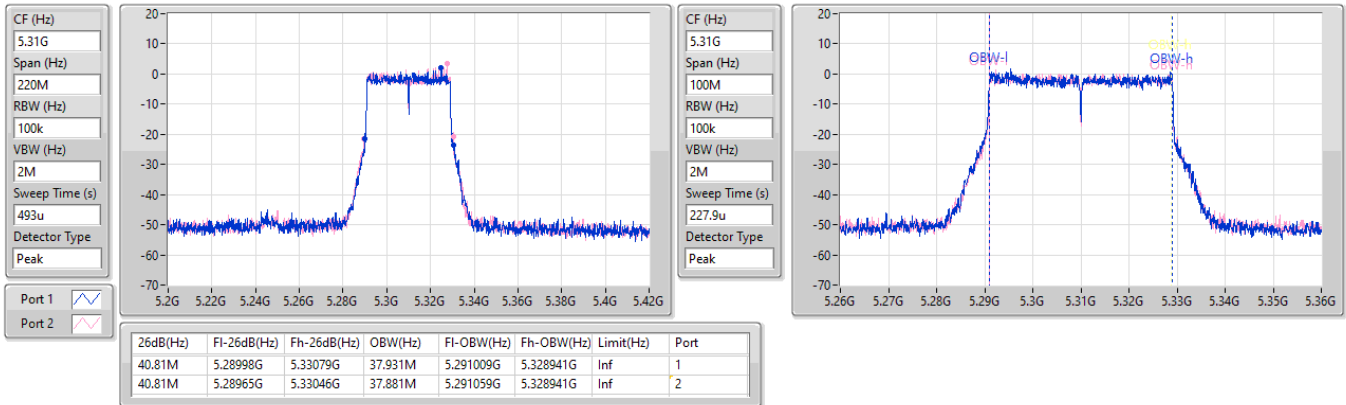

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

21/05/2024

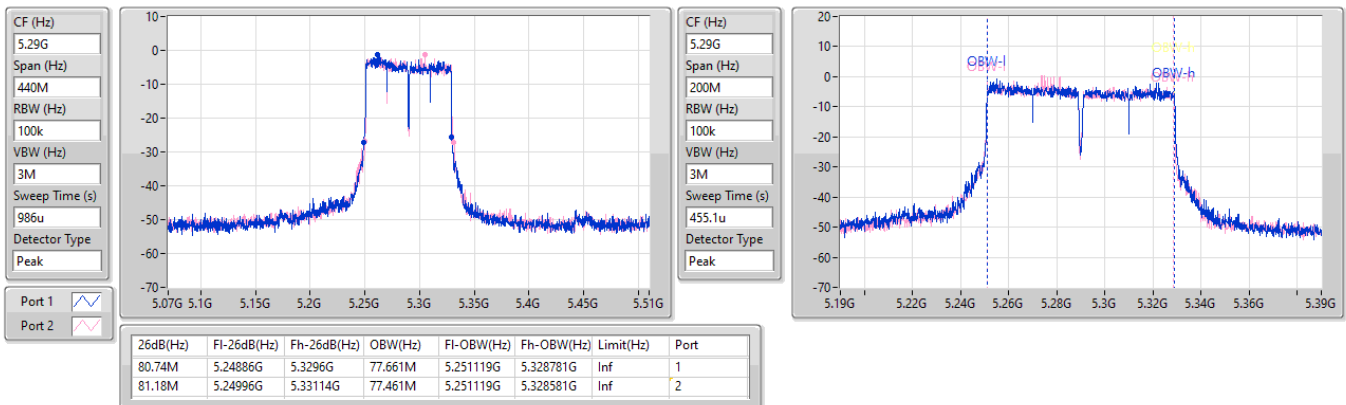


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

21/05/2024

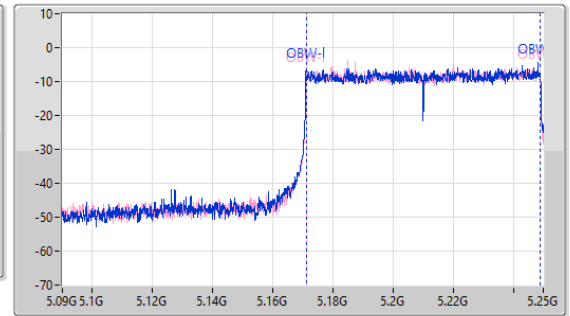
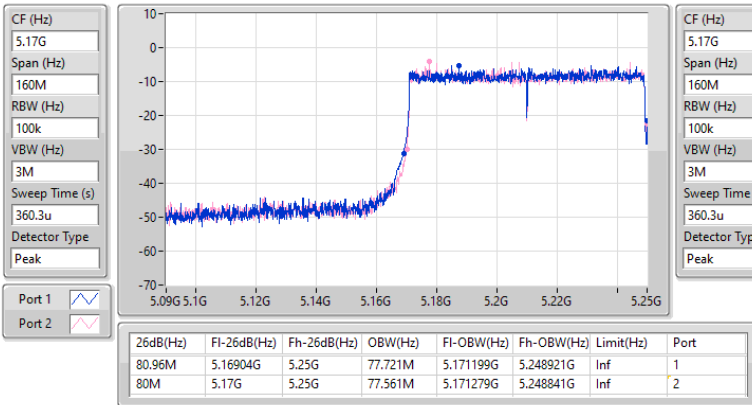

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_2TX
EBW
5290MHz

21/05/2024

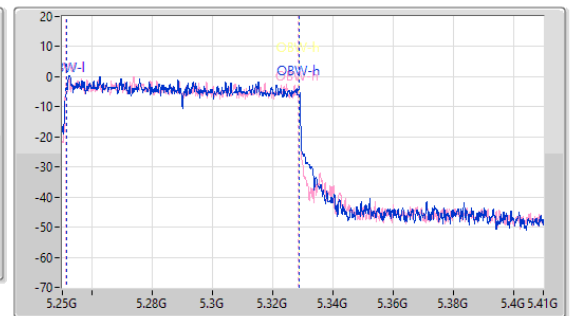
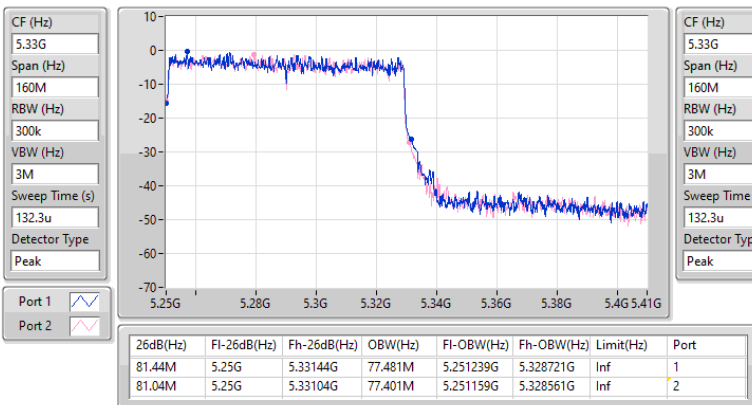


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

21/05/2024


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_2TX
EBW
5250MHz Straddle 5.25-5.35GHz

21/05/2024

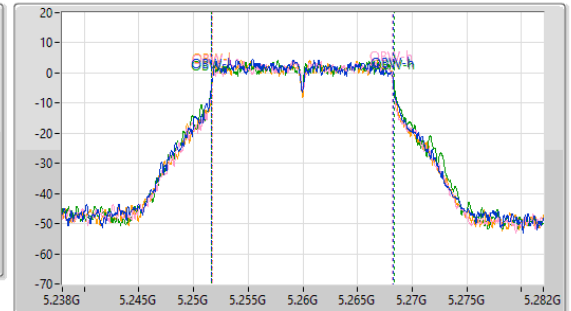
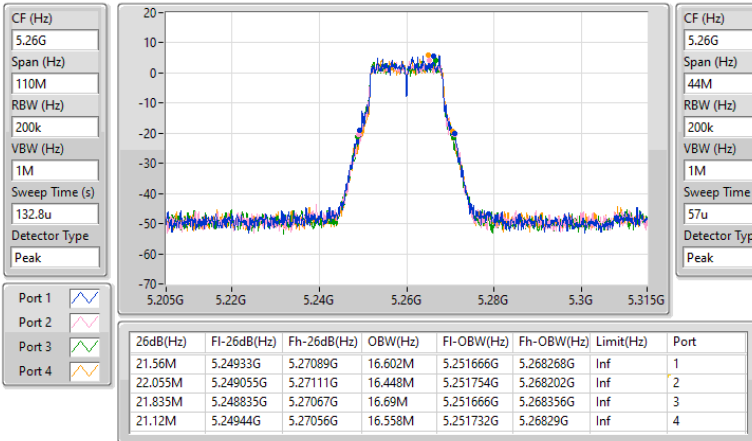


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5260MHz

21/05/2024

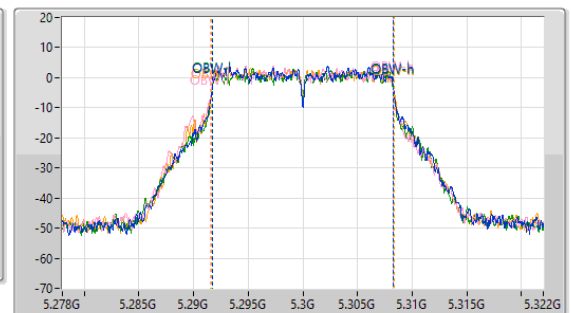
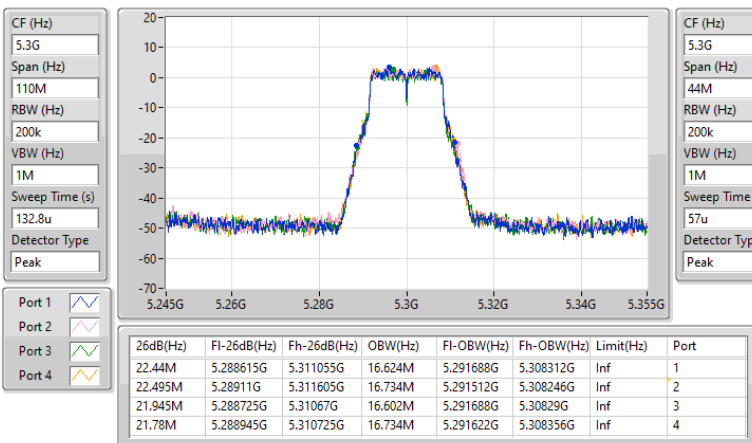


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

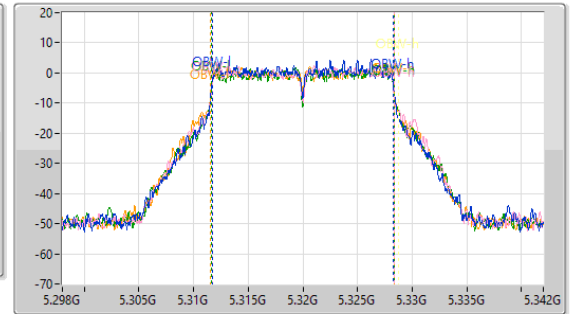
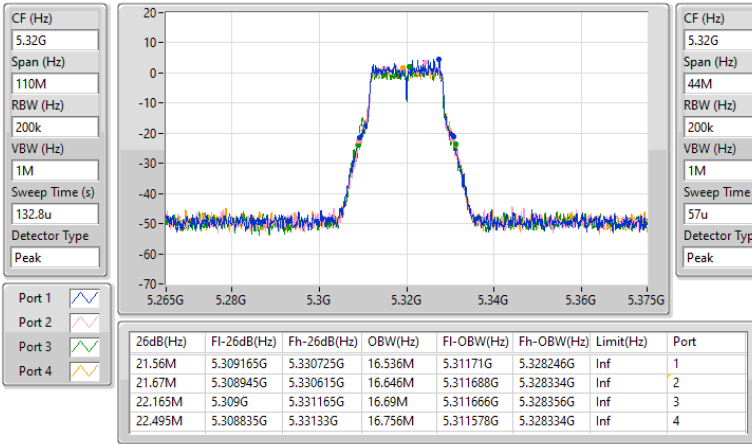
5300MHz

21/05/2024

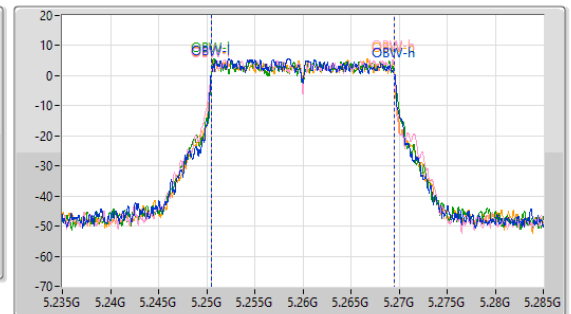
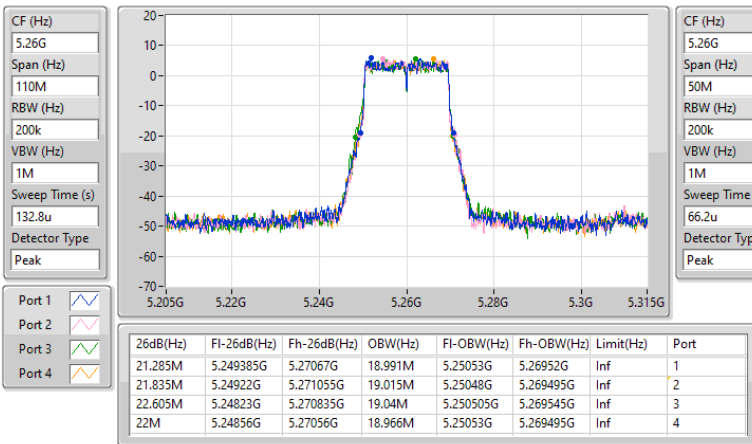


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

21/05/2024

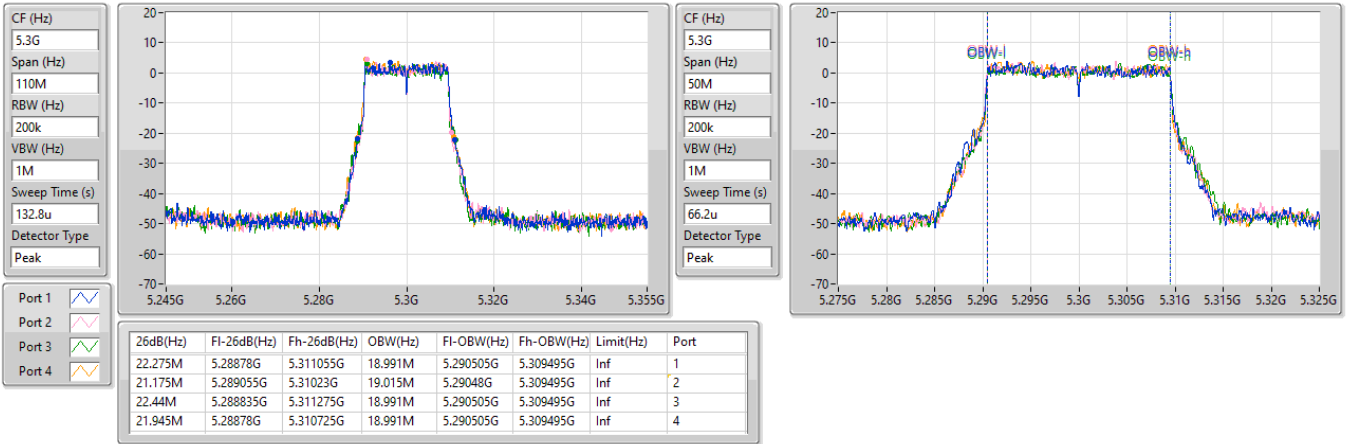

5.25-5.35GHz_802.11be_EHT20_Nss1,(MCS0)_4TX
EBW
5260MHz

21/05/2024

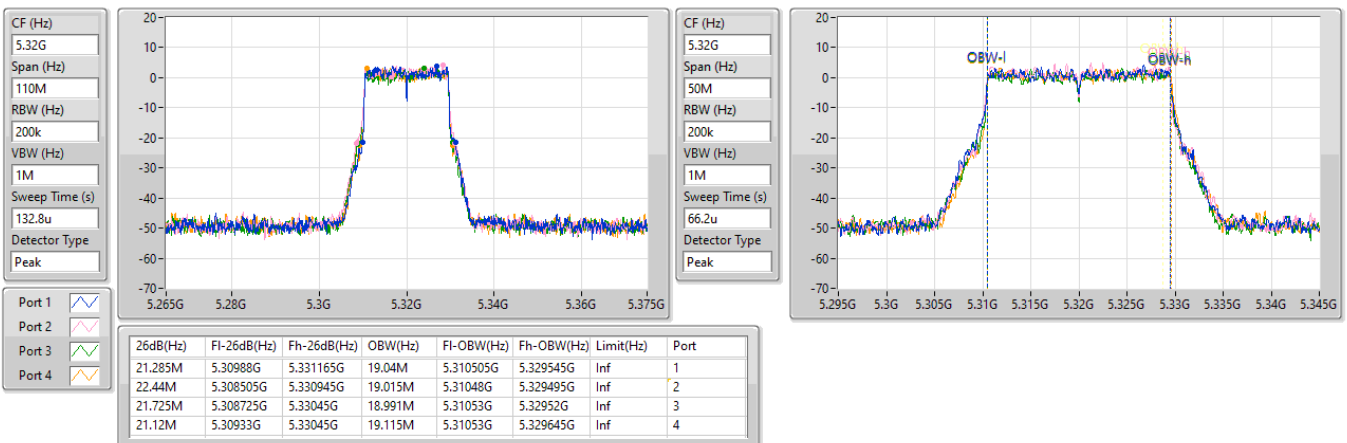


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5300MHz

21/05/2024

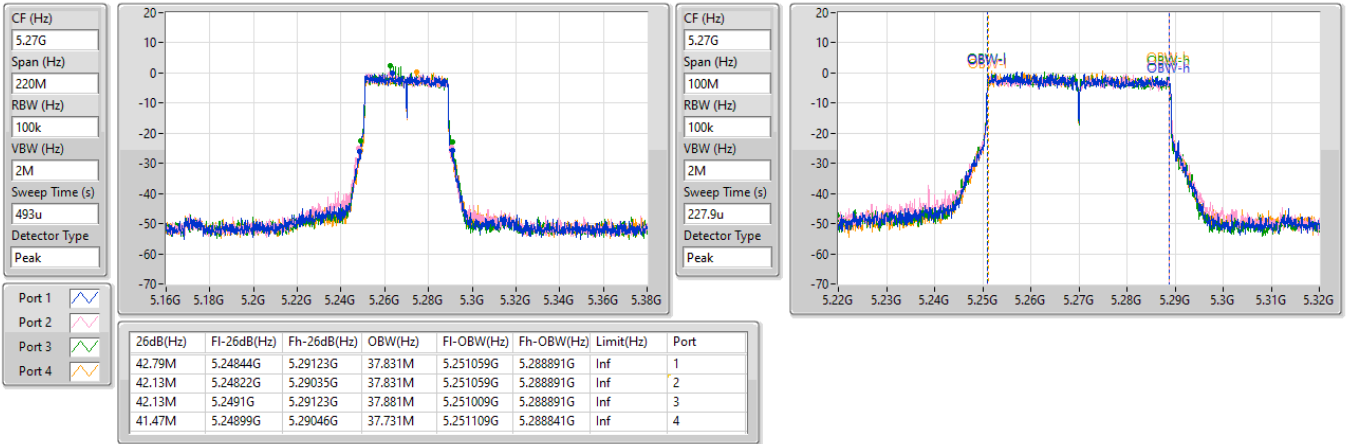

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

21/05/2024

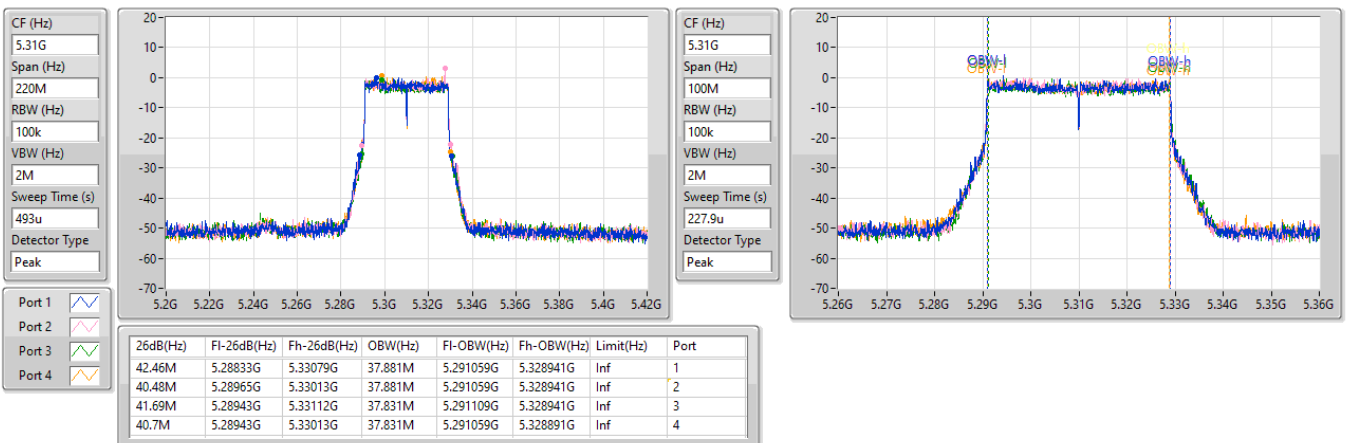


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

21/05/2024


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

21/05/2024

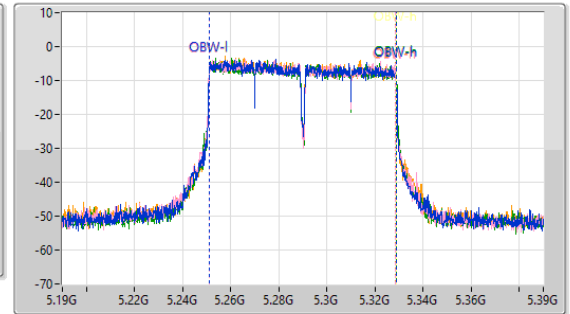
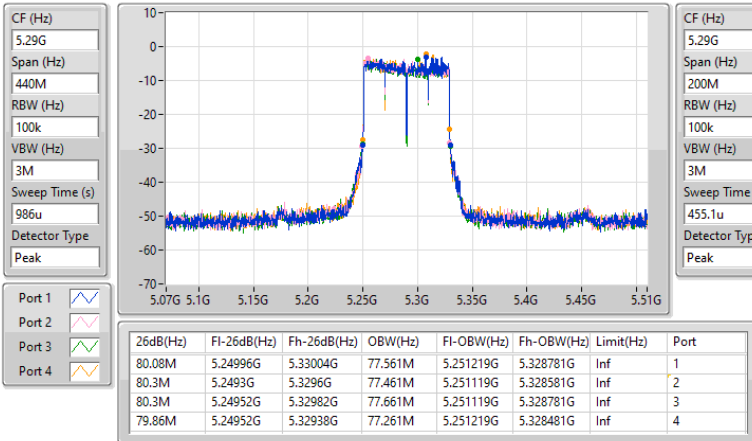


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_4TX

EBW

5290MHz

21/05/2024

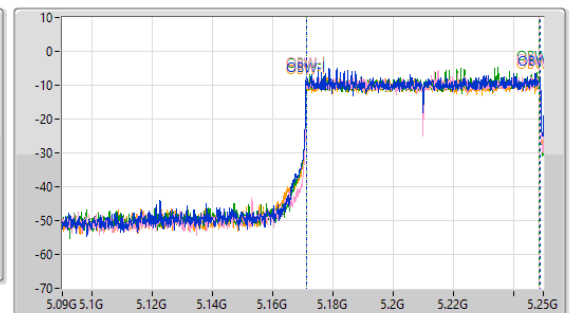
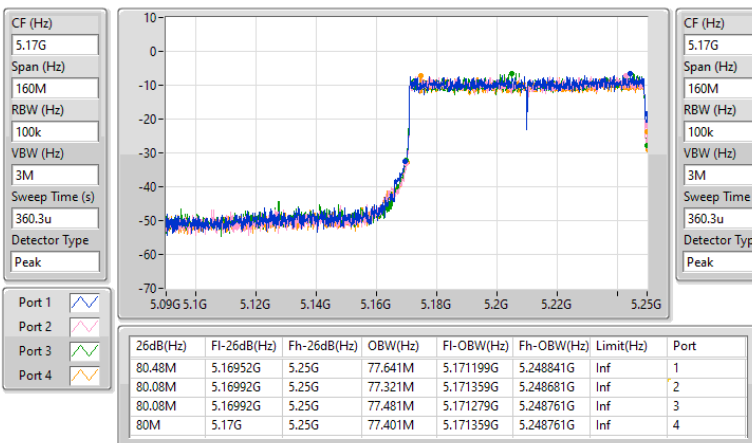


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

21/05/2024

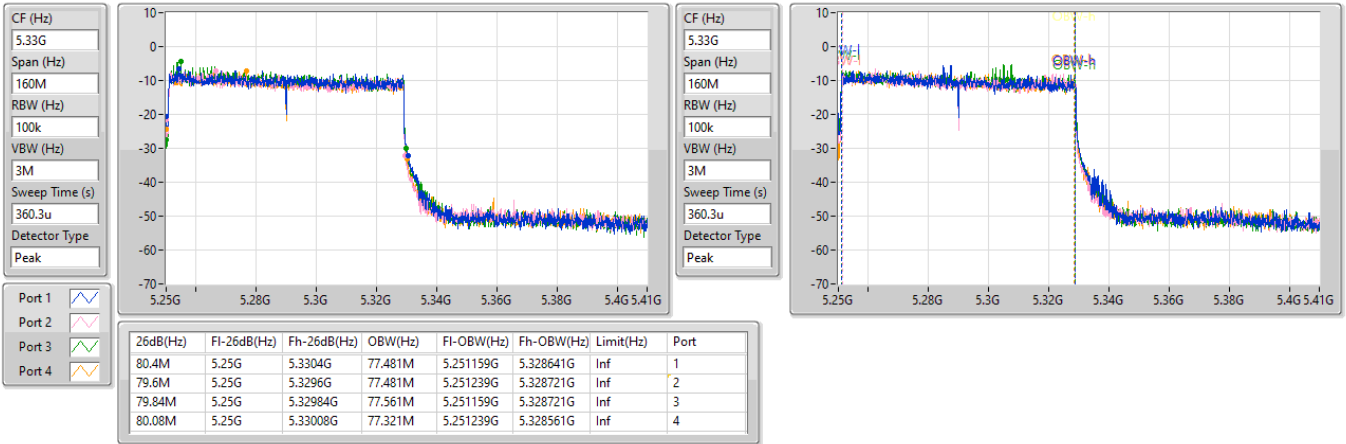


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

21/05/2024



Test Mode: Mode 2
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11be EHT160_Nss1,(MCS14)_1TX	80.56M	77.561M	77M6D1D	80.56M	77.561M
802.11be EHT160_Nss1,(MCS14)_2TX	80.64M	77.561M	77M6D1D	80.16M	77.401M
802.11be EHT160_Nss1,(MCS14)_4TX	80.24M	77.561M	77M6D1D	79.44M	77.481M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.385M	16.734M	16M7D1D	20.9M	16.58M
802.11a_Nss1,(6Mbps)_2TX	22.55M	16.866M	16M9D1D	21.395M	16.558M
802.11a_Nss1,(6Mbps)_4TX	22.715M	16.822M	16M8D1D	20.955M	16.448M
802.11be EHT20_Nss1,(MCS0)_1TX	22.055M	19.015M	19M0D1D	21.395M	18.991M
802.11be EHT20_Nss1,(MCS0)_2TX	22M	19.04M	19M0D1D	21.01M	18.966M
802.11be EHT20_Nss1,(MCS0)_4TX	22.55M	19.14M	19M1D1D	21.065M	18.991M
802.11be EHT40_Nss1,(MCS0)_1TX	41.47M	37.931M	37M9D1D	40.7M	37.931M
802.11be EHT40_Nss1,(MCS0)_2TX	41.25M	37.931M	37M9D1D	40.26M	37.781M
802.11be EHT40_Nss1,(MCS0)_4TX	42.02M	37.931M	37M9D1D	40.04M	37.831M
802.11be EHT80_Nss1,(MCS14)_1TX	80.96M	77.461M	77M5D1D	80.96M	77.461M
802.11be EHT80_Nss1,(MCS14)_2TX	80.74M	77.561M	77M6D1D	80.52M	77.461M
802.11be EHT80_Nss1,(MCS14)_4TX	80.08M	77.561M	77M6D1D	79.42M	77.361M
802.11be EHT160_Nss1,(MCS14)_1TX	83.12M	77.561M	77M6D1D	83.12M	77.561M
802.11be EHT160_Nss1,(MCS14)_2TX	80.4M	77.401M	77M4D1D	80.24M	77.321M
802.11be EHT160_Nss1,(MCS14)_4TX	80.88M	77.481M	77M5D1D	79.68M	77.401M

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

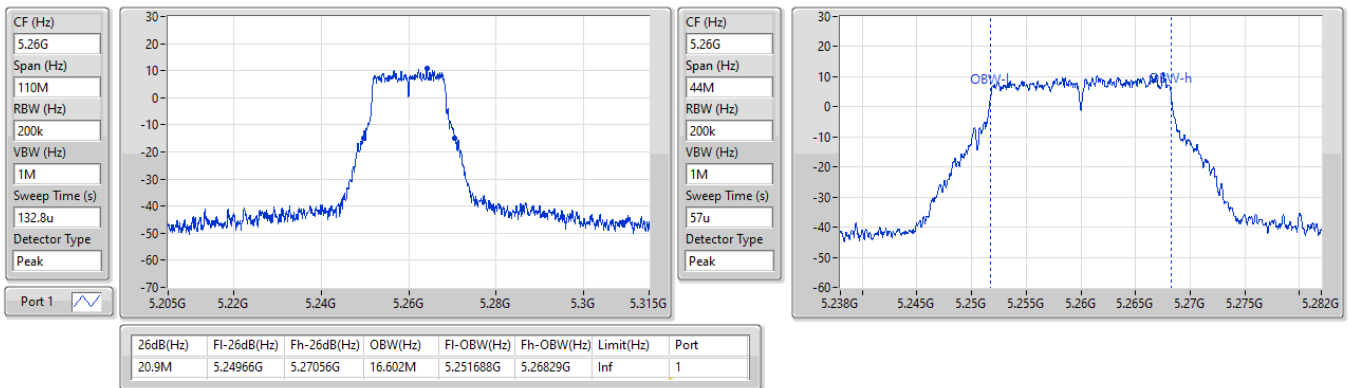
Result

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)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.9M	16.602M	-	-	-	-	-	-
5300MHz	Pass	Inf	22.385M	16.734M	-	-	-	-	-	-
5320MHz	Pass	Inf	21.835M	16.58M	-	-	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.055M	19.015M	-	-	-	-	-	-
5300MHz	Pass	Inf	21.505M	18.991M	-	-	-	-	-	-
5320MHz	Pass	Inf	21.395M	19.015M	-	-	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.47M	37.931M	-	-	-	-	-	-
5310MHz	Pass	Inf	40.7M	37.931M	-	-	-	-	-	-
802.11be EHT80_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.96M	77.461M	-	-	-	-	-	-
802.11be EHT160_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.56M	77.561M	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.12M	77.561M	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22.44M	16.602M	22.165M	16.734M	-	-	-	-
5300MHz	Pass	Inf	22.55M	16.558M	22.165M	16.624M	-	-	-	-
5320MHz	Pass	Inf	21.395M	16.866M	22.33M	16.646M	-	-	-	-
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	22M	18.991M	21.615M	18.966M	-	-	-	-
5300MHz	Pass	Inf	21.945M	19.04M	21.175M	18.966M	-	-	-	-
5320MHz	Pass	Inf	21.01M	18.966M	21.12M	18.966M	-	-	-	-
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.25M	37.881M	41.14M	37.781M	-	-	-	-
5310MHz	Pass	Inf	41.14M	37.931M	40.26M	37.831M	-	-	-	-
802.11be EHT80_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	80.52M	77.461M	80.74M	77.561M	-	-	-	-
802.11be EHT160_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.16M	77.561M	80.64M	77.401M	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.4M	77.401M	80.24M	77.321M	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.395M	16.536M	20.955M	16.646M	21.45M	16.712M	22.715M	16.712M
5300MHz	Pass	Inf	21.505M	16.624M	22.44M	16.448M	22.22M	16.492M	21.78M	16.558M
5320MHz	Pass	Inf	22.605M	16.712M	21.505M	16.69M	21.78M	16.8M	21.56M	16.822M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.725M	19.09M	21.45M	18.991M	21.285M	18.991M	21.505M	18.991M
5300MHz	Pass	Inf	21.45M	19.015M	21.56M	19.015M	21.065M	18.991M	21.285M	18.991M
5320MHz	Pass	Inf	21.56M	19.14M	21.395M	19.115M	22.11M	19.015M	22.55M	19.04M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.92M	37.881M	41.58M	37.931M	42.02M	37.881M	40.15M	37.831M
5310MHz	Pass	Inf	40.04M	37.931M	41.69M	37.931M	41.47M	37.931M	41.03M	37.881M
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	79.42M	77.461M	80.08M	77.361M	79.86M	77.461M	79.86M	77.561M
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80M	77.481M	80.24M	77.481M	79.44M	77.561M	80.08M	77.561M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.68M	77.481M	79.76M	77.401M	80.08M	77.401M	80.88M	77.481M

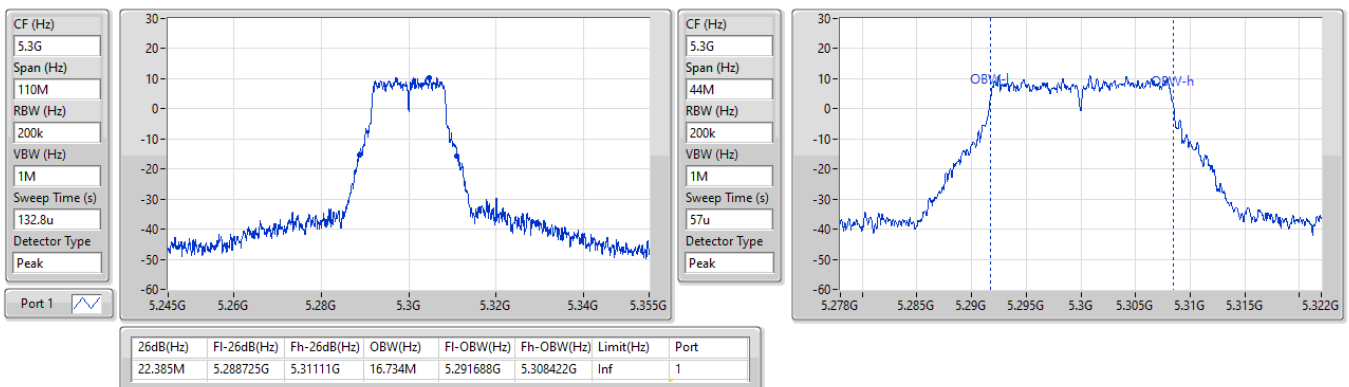
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5260MHz

21/05/2024

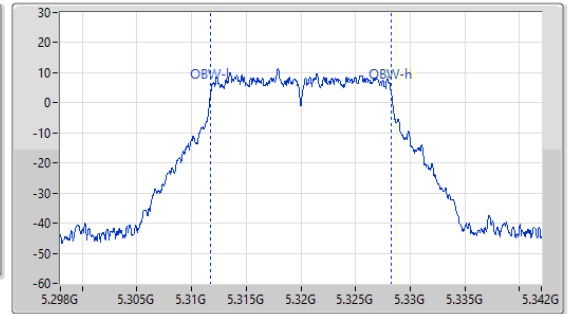
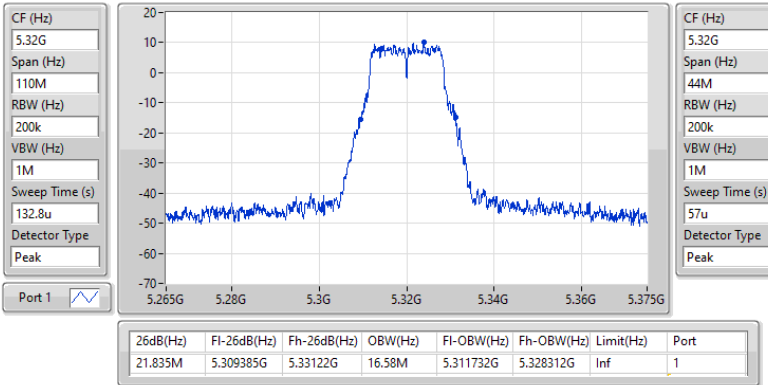

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5300MHz

21/05/2024

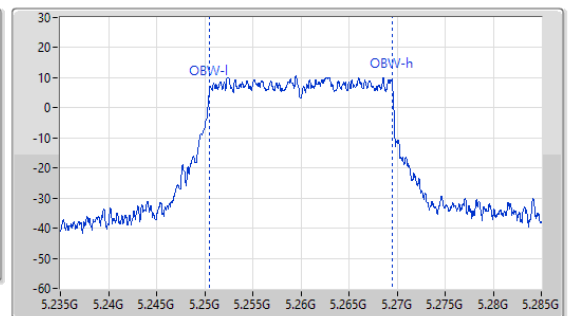
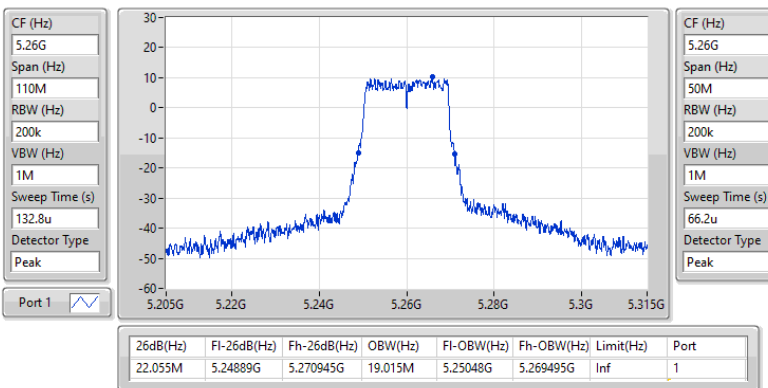


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX
EBW
5320MHz

21/05/2024


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX
EBW
5260MHz

21/05/2024

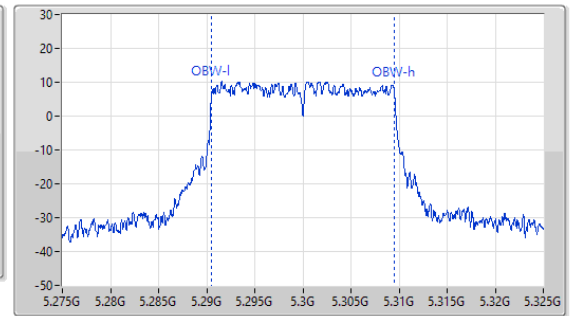
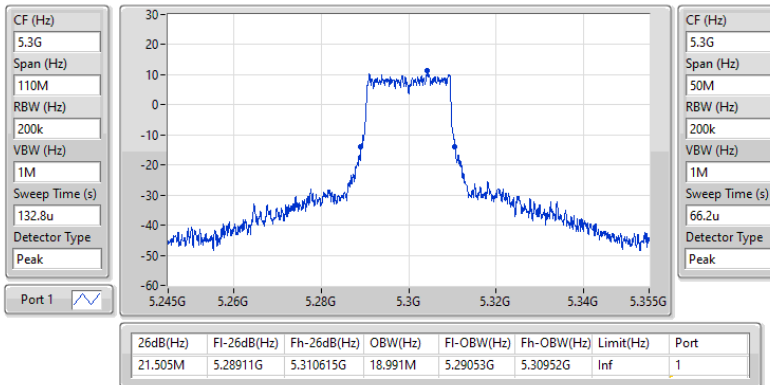


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX

EBW

5300MHz

21/05/2024

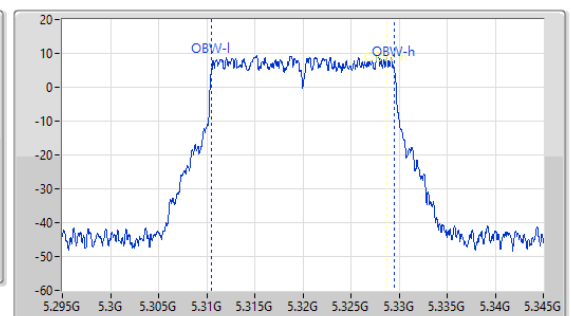
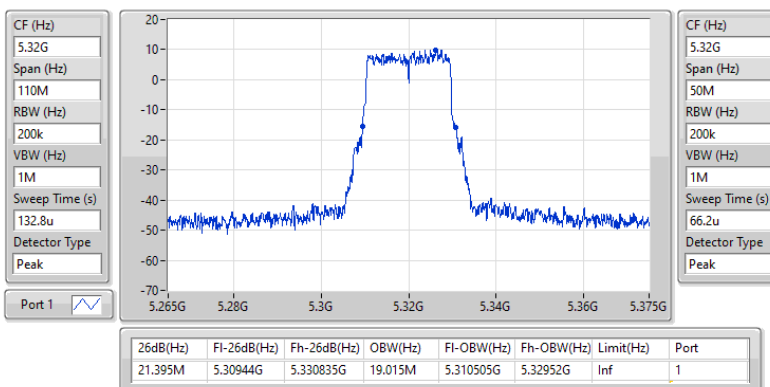


5.25-5.35GHz 802.11be EHT20_Nss1,(MCS0)_1TX

EBW

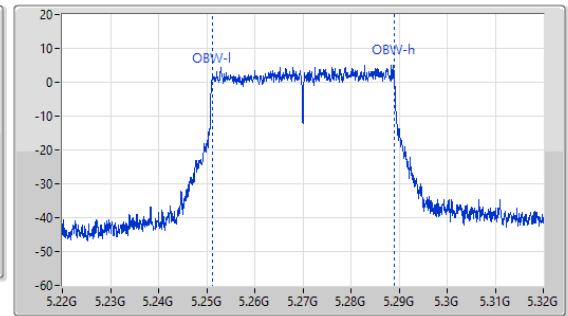
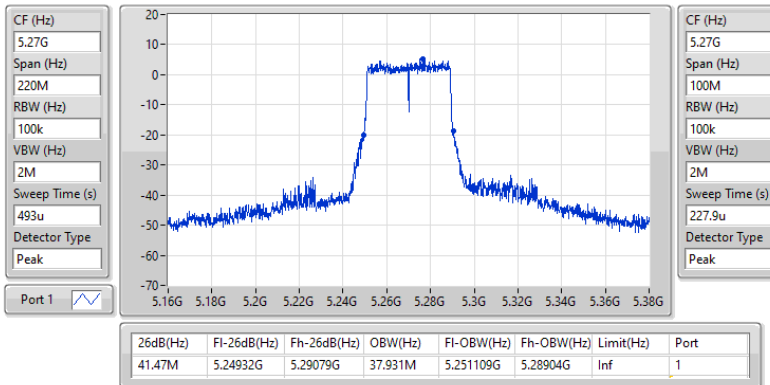
5320MHz

21/05/2024

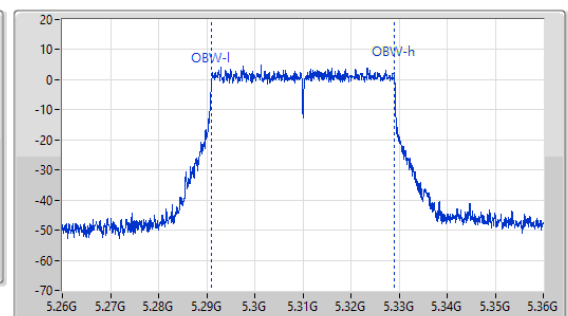
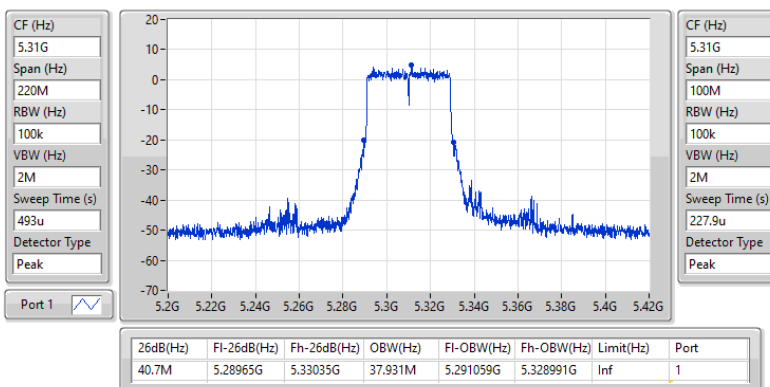


5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5270MHz

21/05/2024

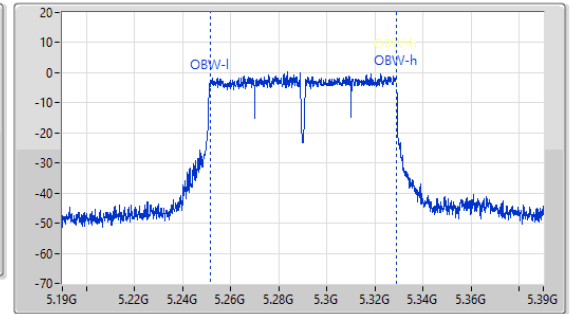
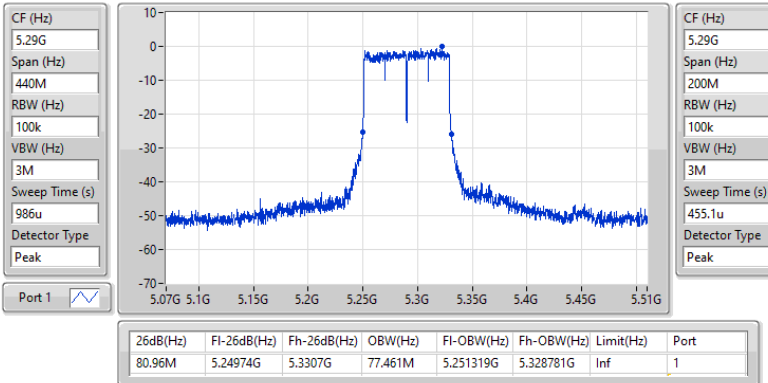

5.25-5.35GHz 802.11be EHT40_Nss1,(MCS0)_1TX
EBW
5310MHz

22/05/2024

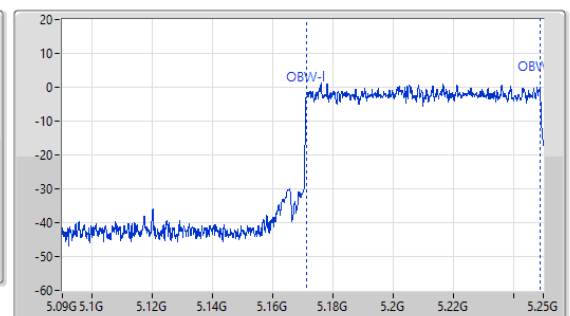
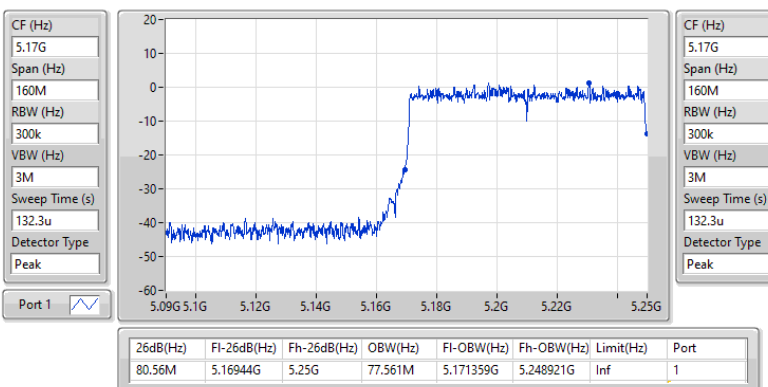


5.25-5.35GHz 802.11be EHT80_Nss1,(MCS14)_1TX
EBW
5290MHz

22/05/2024

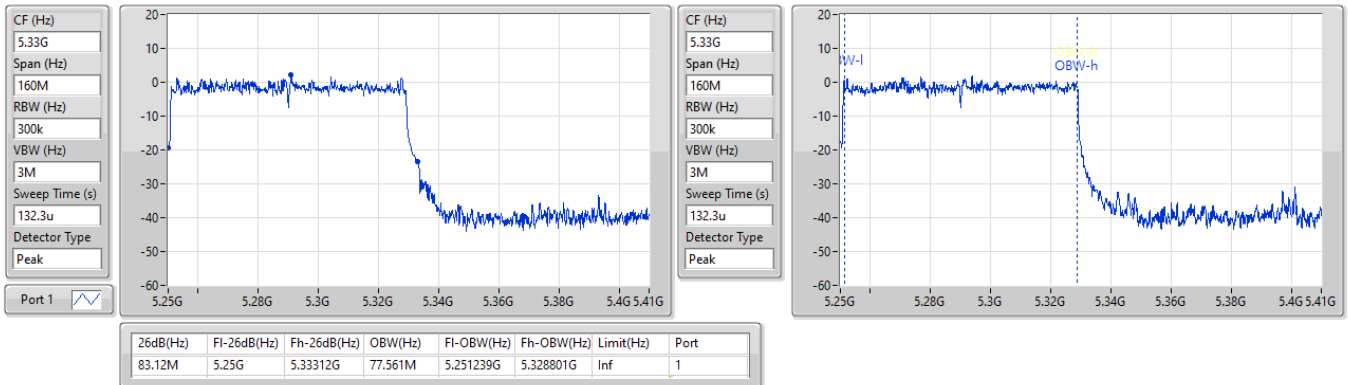

5.15-5.25GHz 802.11be EHT160_Nss1,(MCS14)_1TX
EBW
5250MHz Straddle 5.15-5.25GHz

22/05/2024

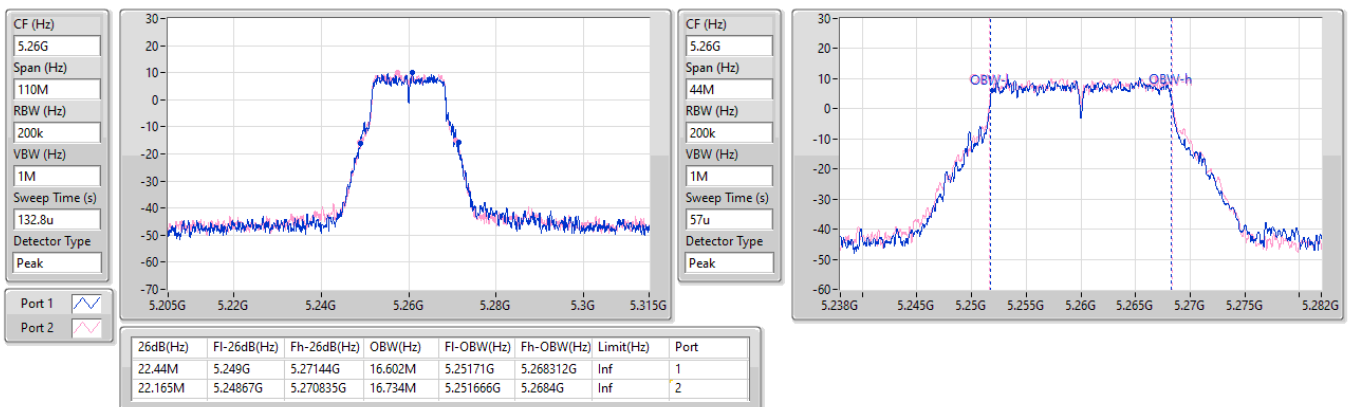


5.25-5.35GHz 802.11be EHT160_Nss1,(MCS14)_1TX
EBW
5250MHz Straddle 5.25-5.35GHz

22/05/2024

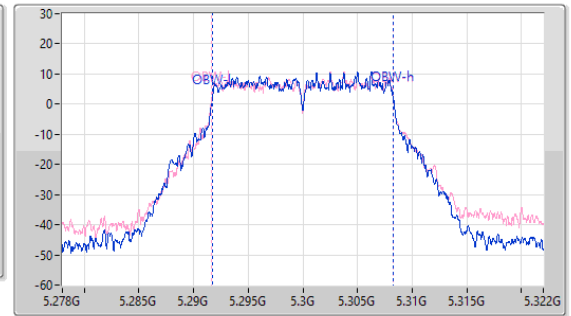
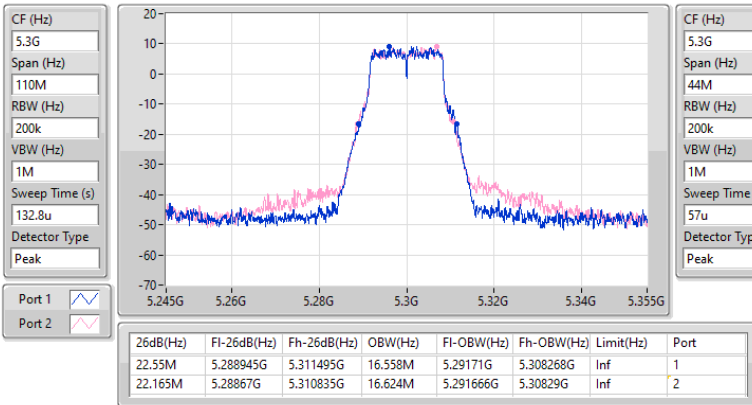

5.25-5.35GHz 802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

21/05/2024

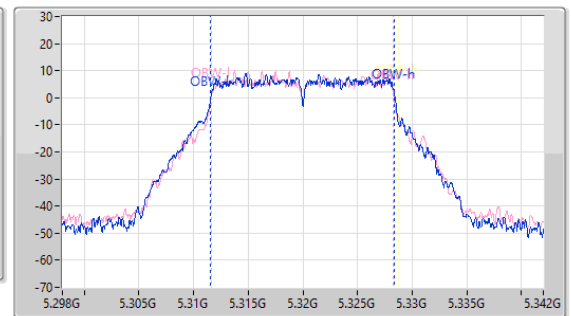
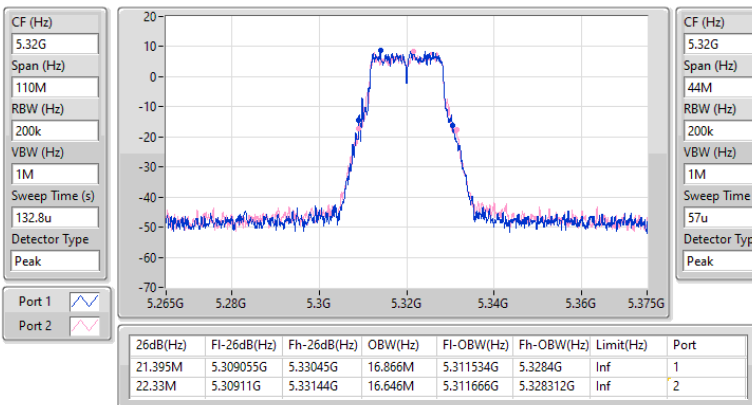


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

21/05/2024

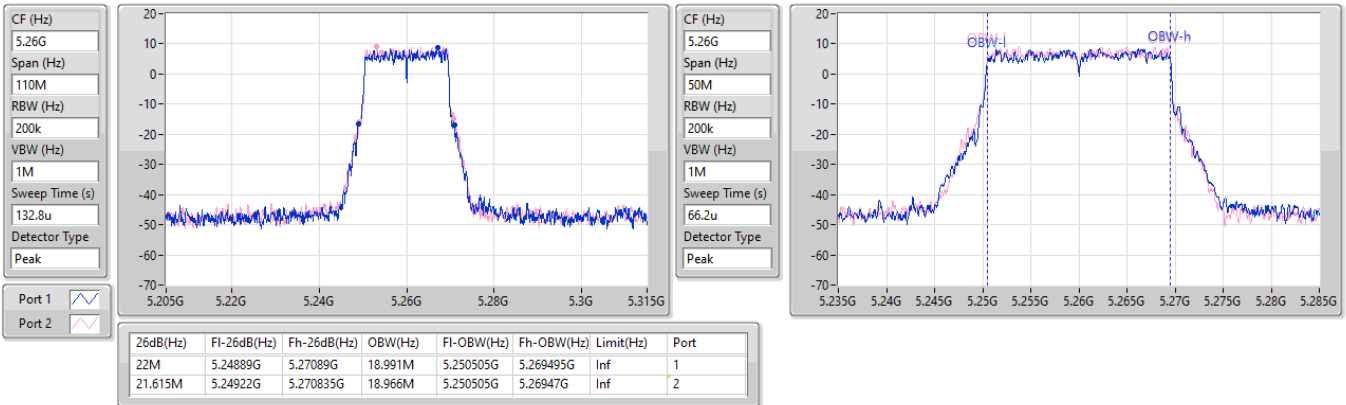

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

21/05/2024

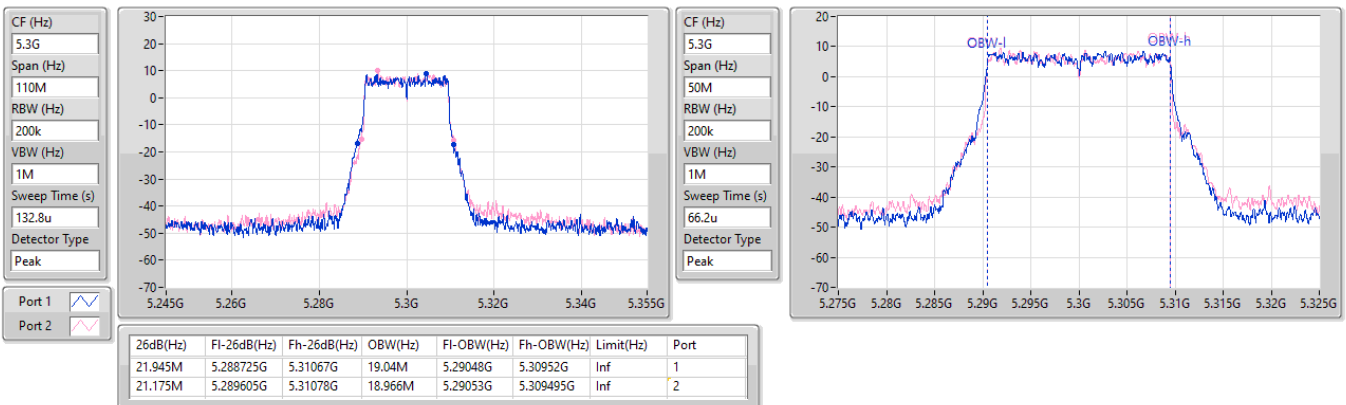


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5260MHz

21/05/2024

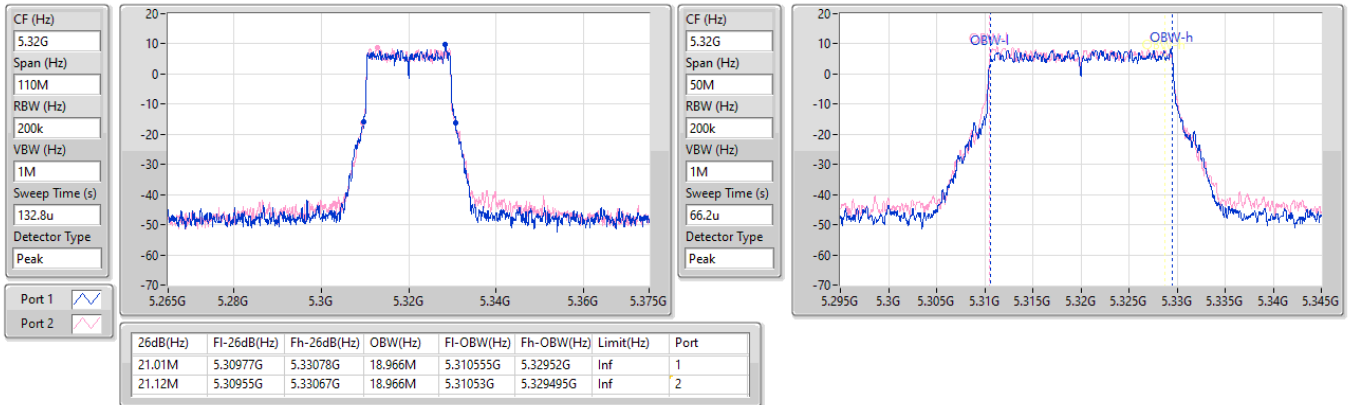

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5300MHz

21/05/2024

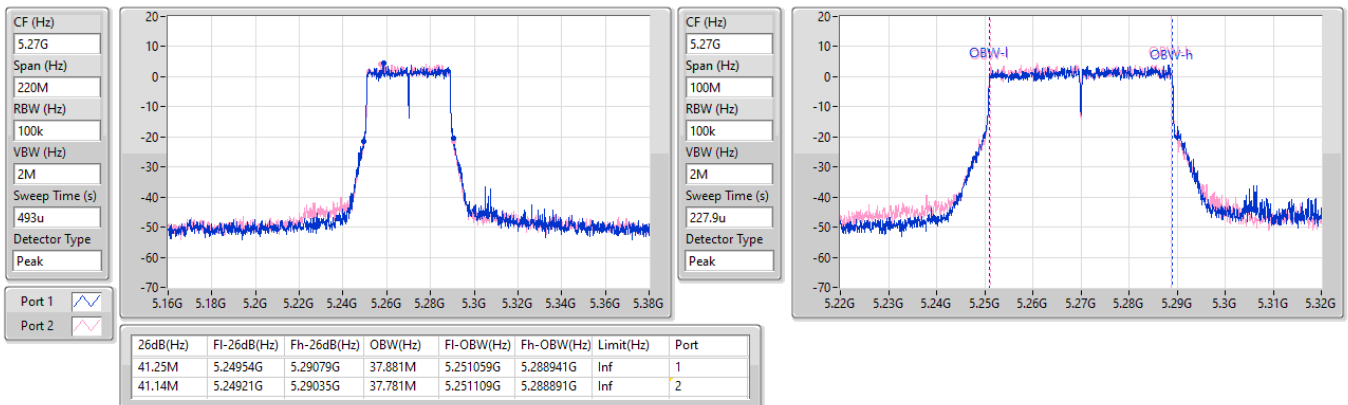


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX
EBW
5320MHz

21/05/2024

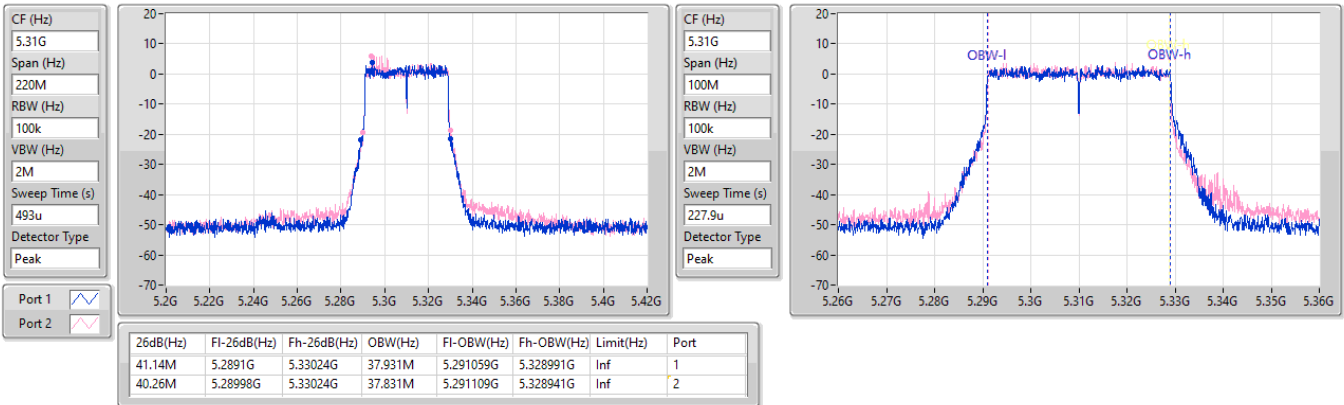

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

22/05/2024

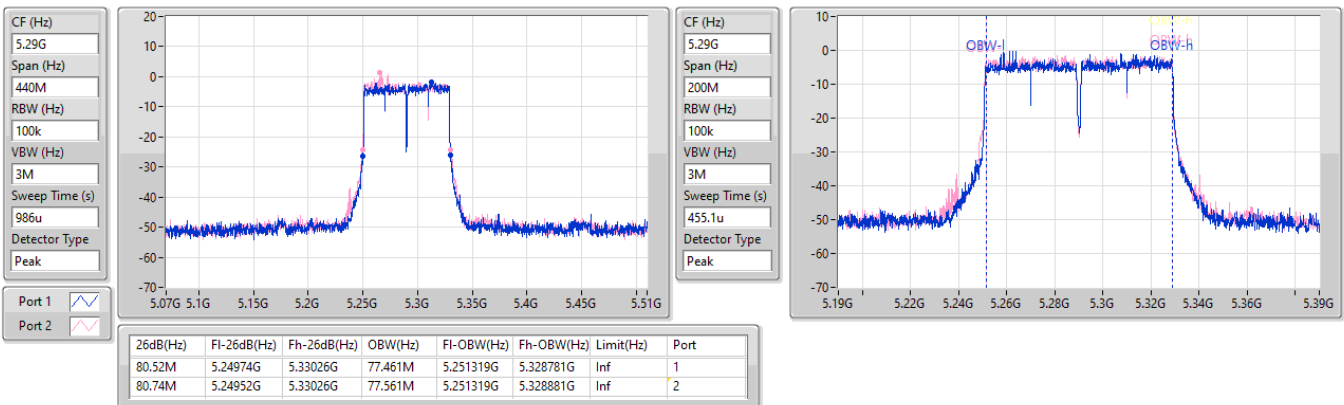


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

22/05/2024

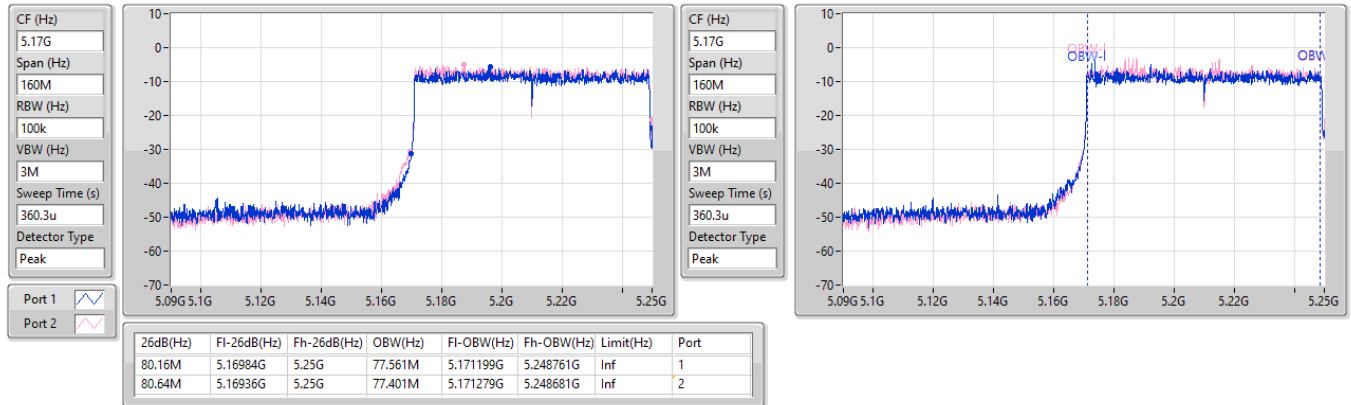

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_2TX
EBW
5290MHz

22/05/2024

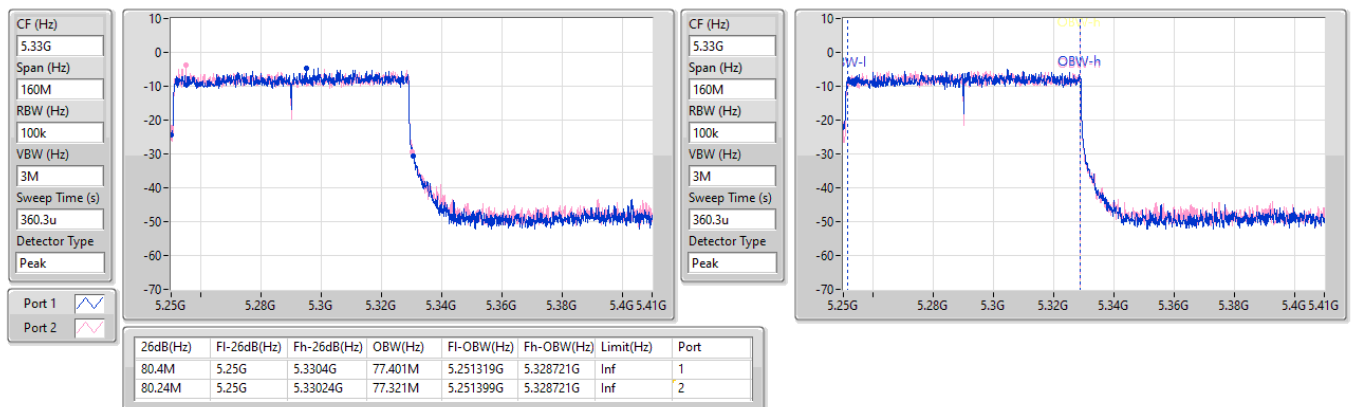


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_2TX
EBW
5250MHz Straddle 5.15-5.25GHz

22/05/2024

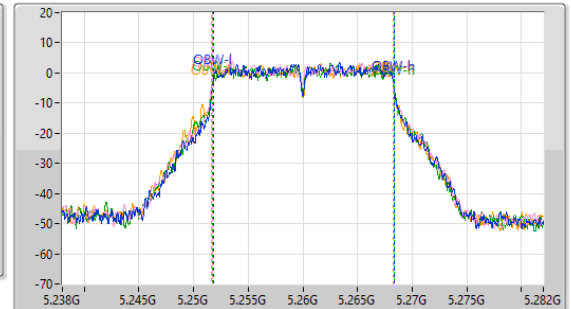
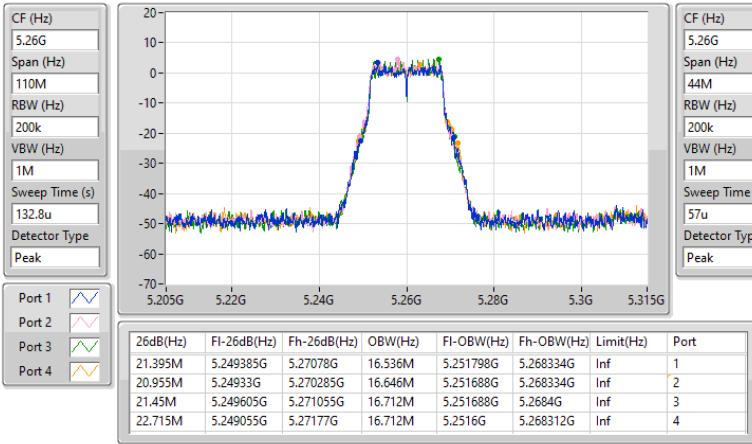

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_2TX
EBW
5250MHz Straddle 5.25-5.35GHz

22/05/2024

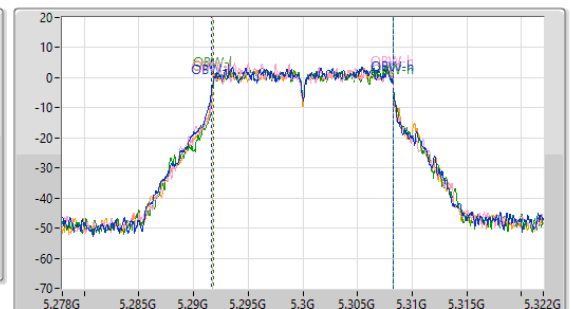
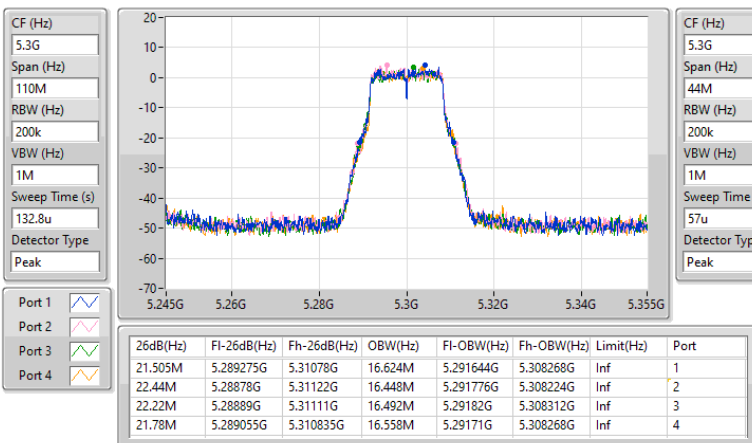


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

21/05/2024


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

21/05/2024

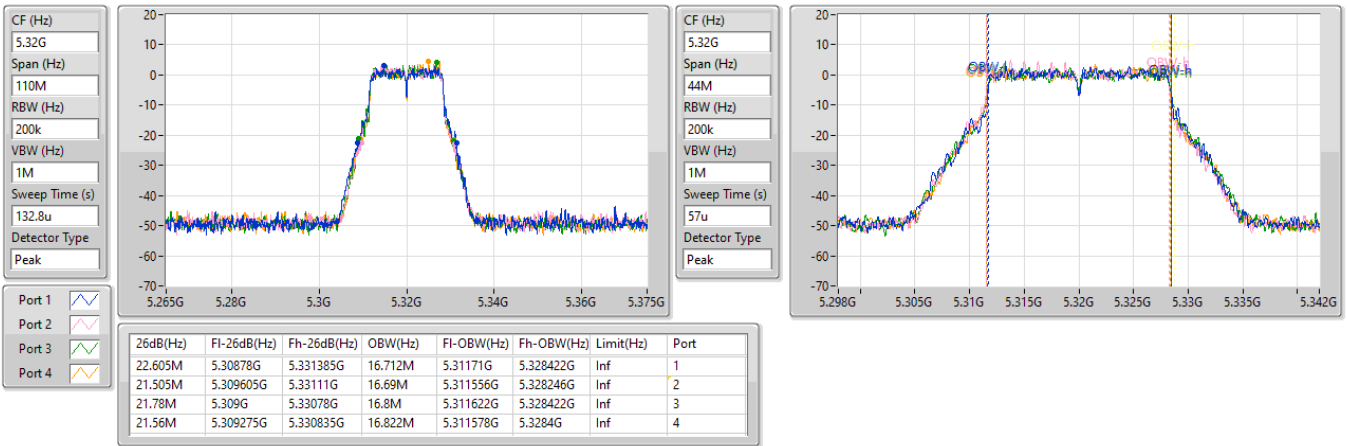


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

21/05/2024

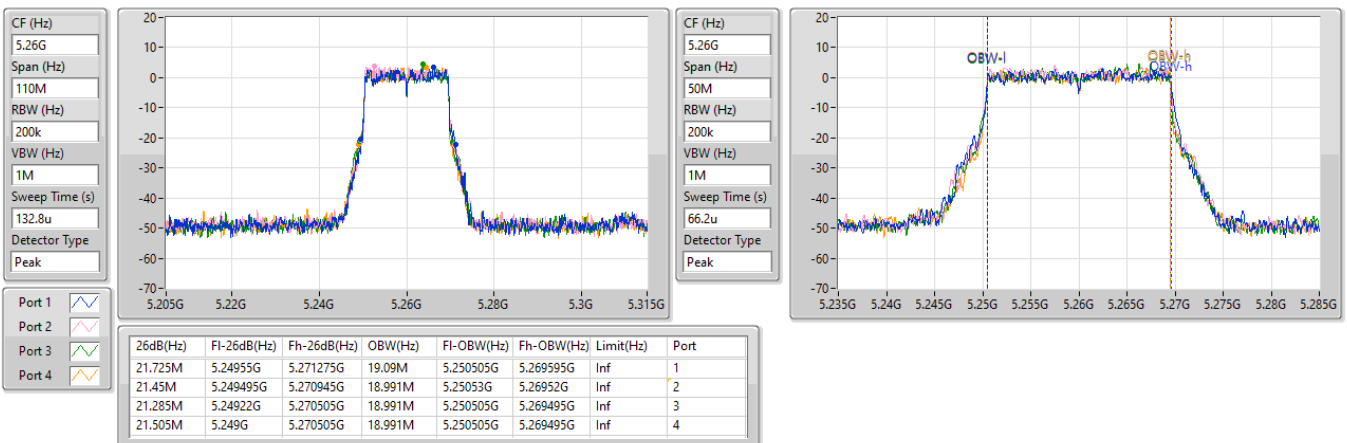


5.25-5.35GHz_802.11be_EHT20_Nss1,(MCS0)_4TX

EBW

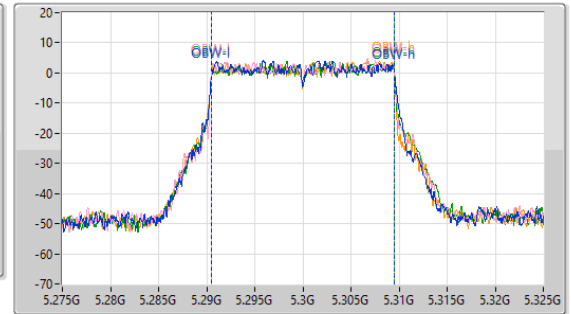
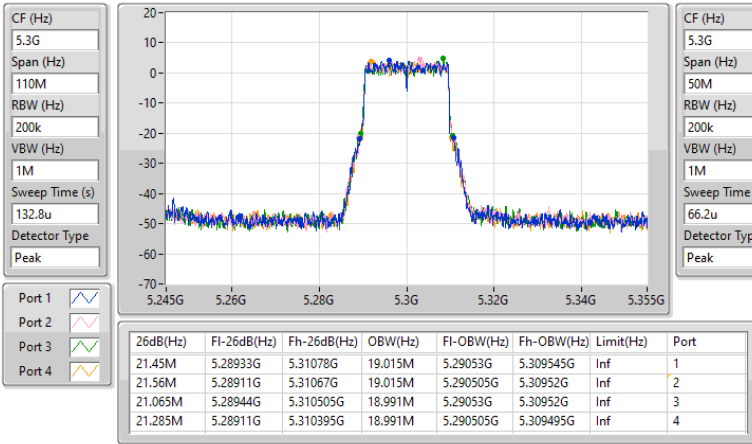
5260MHz

21/05/2024

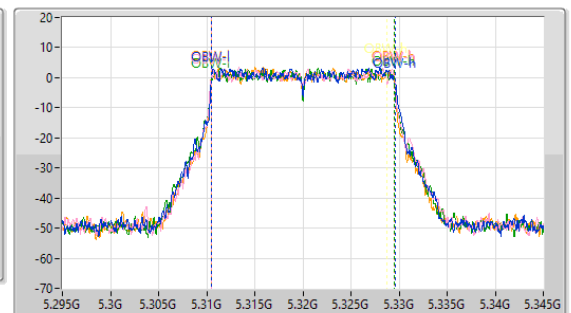
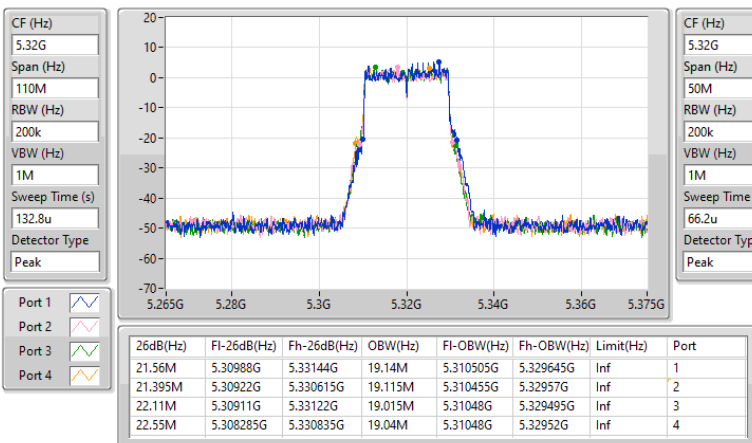


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5300MHz

21/05/2024

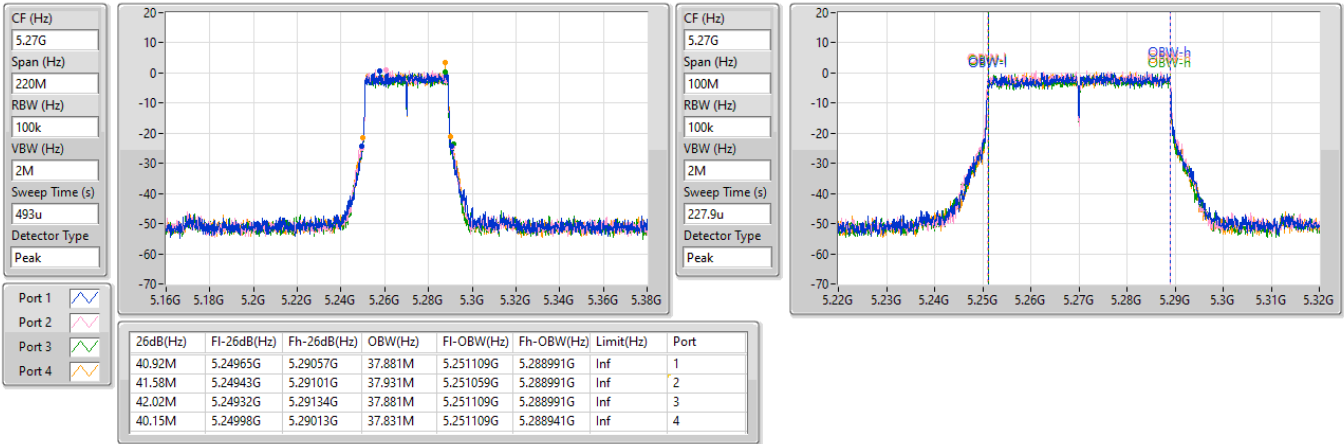

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX
EBW
5320MHz

21/05/2024

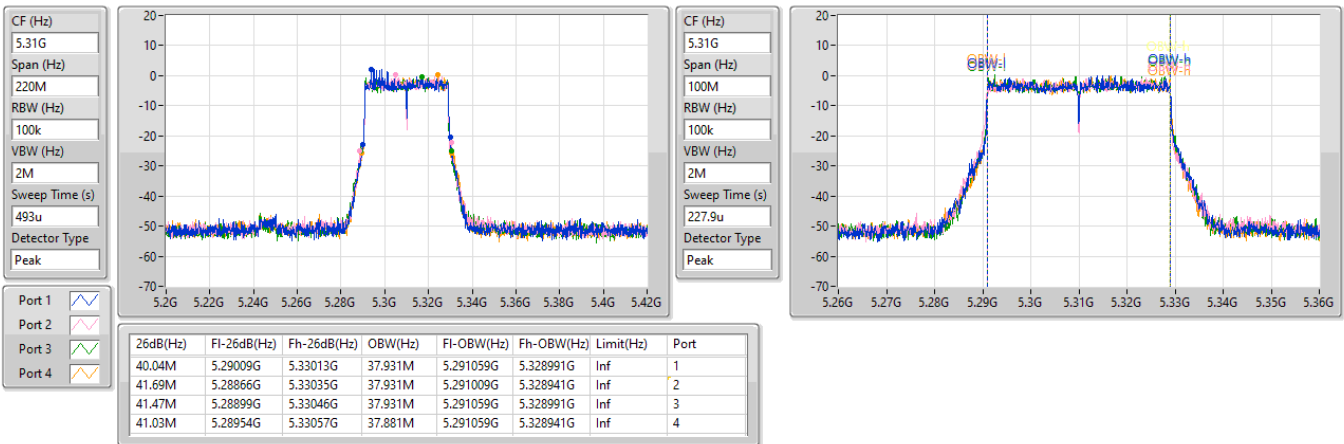


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5270MHz

22/05/2024


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX
EBW
5310MHz

22/05/2024

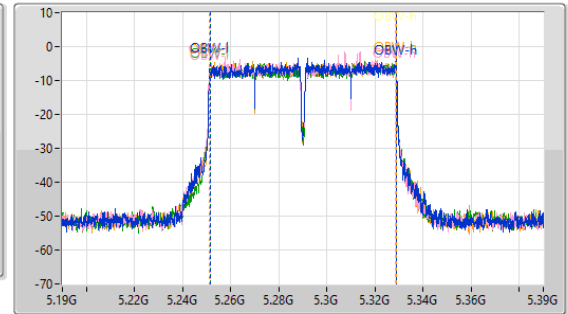
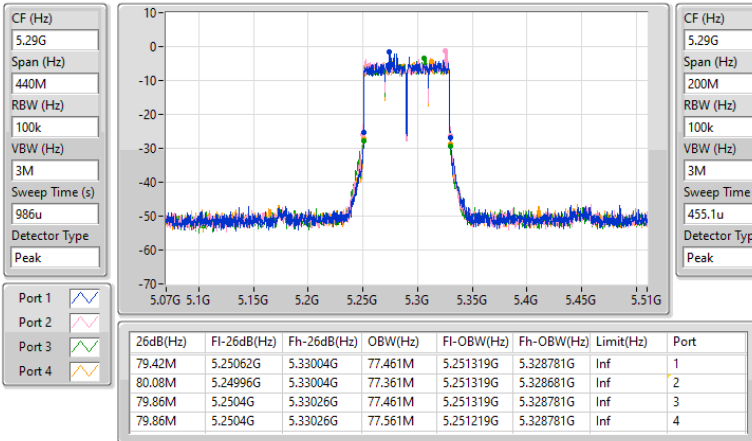


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_4TX

EBW

5290MHz

22/05/2024

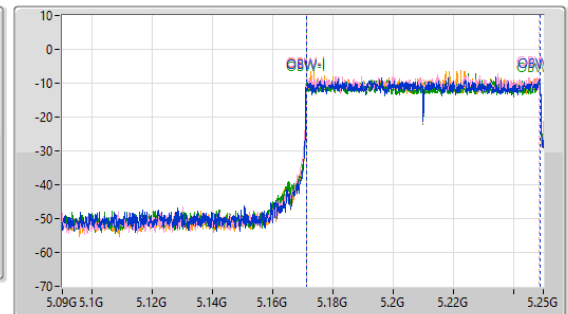
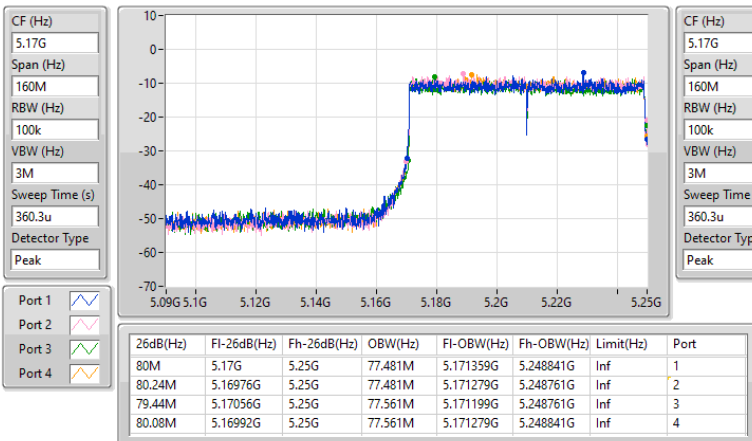


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

22/05/2024

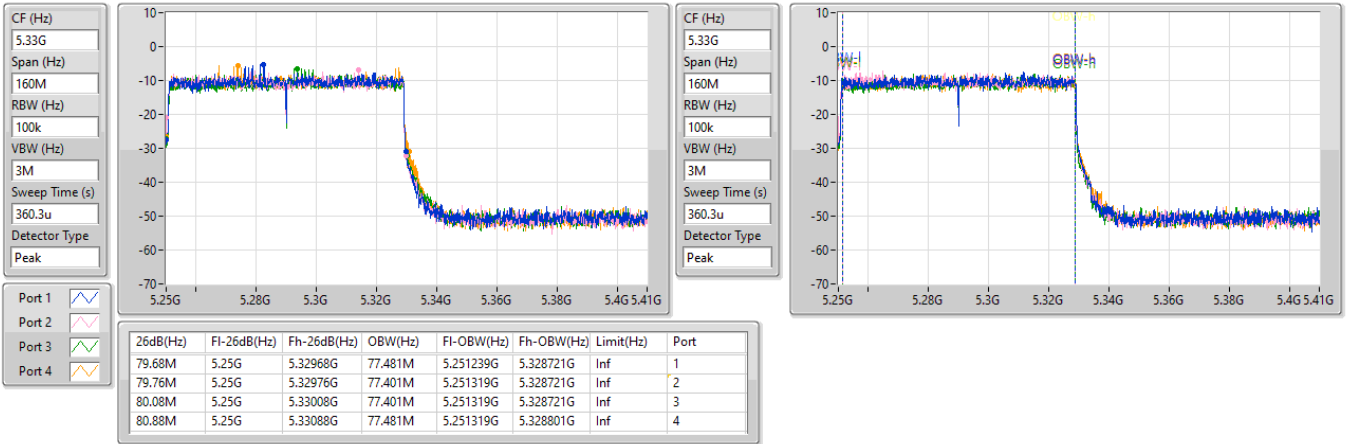


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

22/05/2024



Test Mode: Mode 3
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	80.64M	77.089M	77M1D1D	80.64M	77.089M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	35.695M	19.001M	19M0D1D	19.14M	16.364M
802.11ax HEW20_Nss1,(MCS0)_1TX	34.265M	19.293M	19M3D1D	20.955M	18.893M
802.11ax HEW40_Nss1,(MCS0)_1TX	76.45M	38.788M	38M8D1D	39.38M	37.681M
802.11ax HEW80_Nss1,(MCS0)_1TX	80.52M	76.932M	76M9D1D	80.52M	76.932M
802.11ax HEW160_Nss1,(MCS0)_1TX	79.84M	76.361M	76M4D1D	79.84M	76.361M

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	-	-	-	-
5260MHz	Pass	Inf	34.265M	19.001M
5300MHz	Pass	Inf	35.695M	18.281M
5320MHz	Pass	Inf	19.14M	16.364M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5260MHz	Pass	Inf	34.265M	19.293M
5300MHz	Pass	Inf	33.55M	19.173M
5320MHz	Pass	Inf	20.955M	18.893M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5270MHz	Pass	Inf	76.45M	38.788M
5310MHz	Pass	Inf	39.38M	37.681M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5290MHz	Pass	Inf	80.52M	76.932M
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.64M	77.089M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	79.84M	76.361M

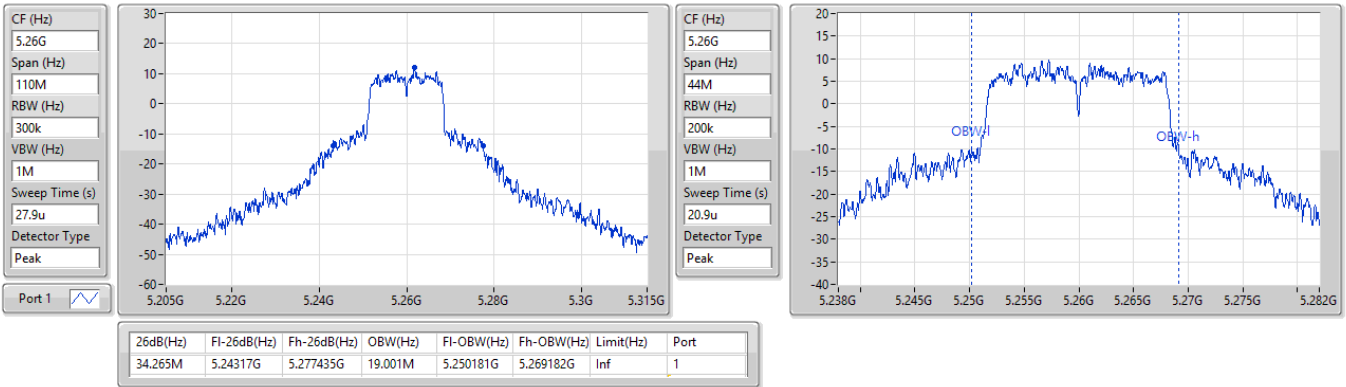
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5260MHz

17/05/2024

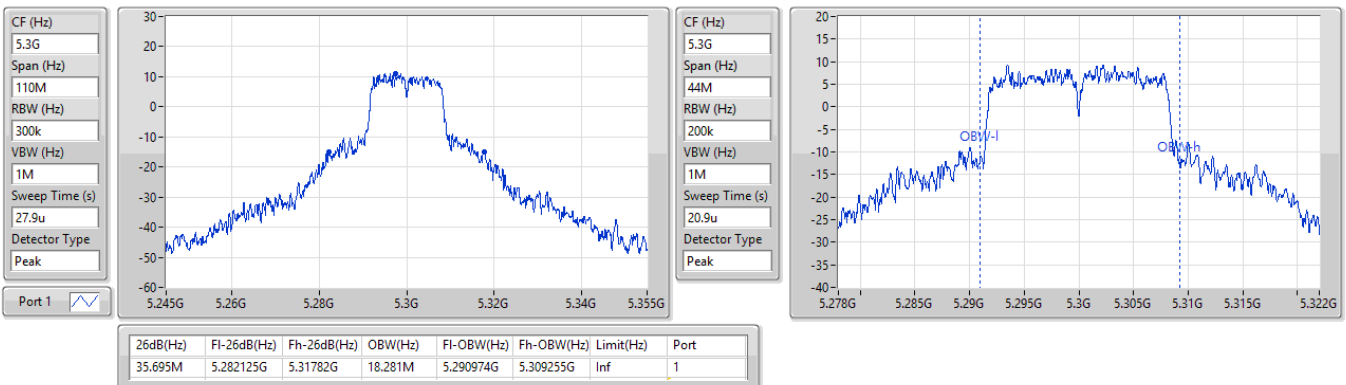


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5300MHz

17/05/2024

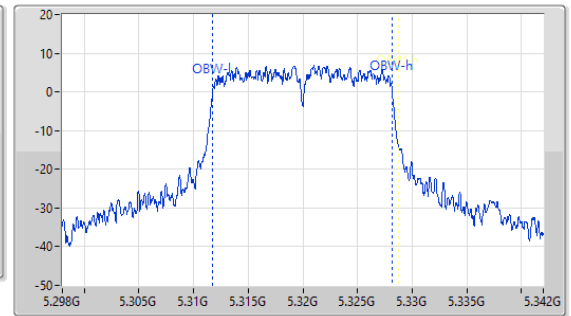
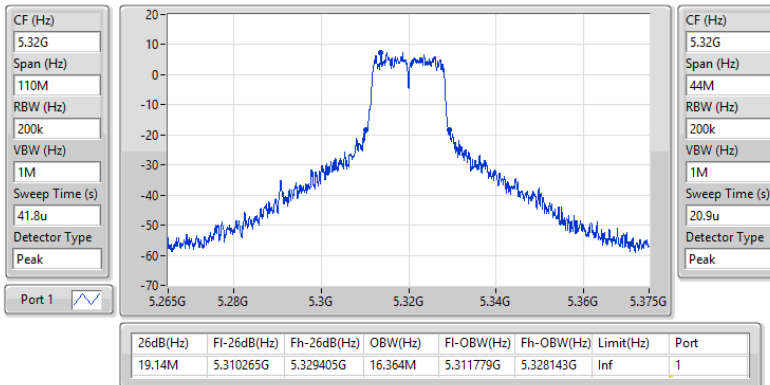


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

EBW

5320MHz

17/05/2024

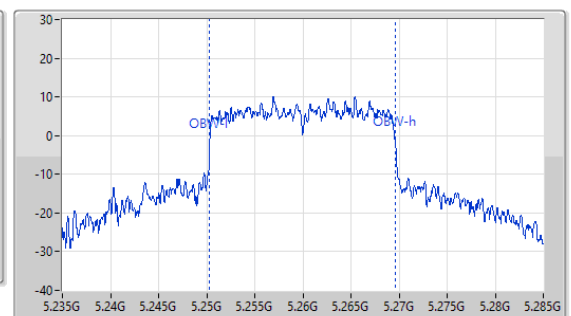
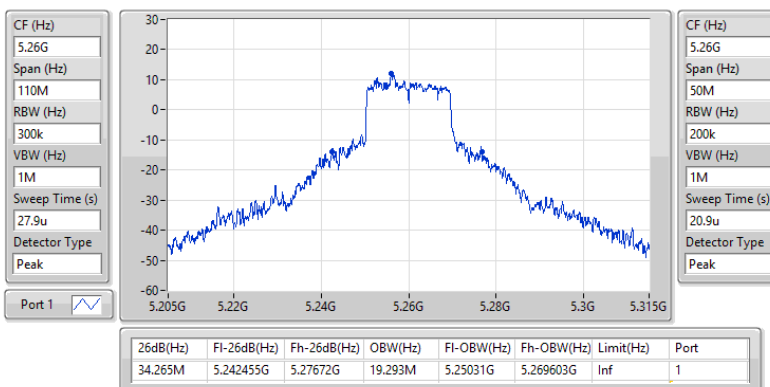


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

EBW

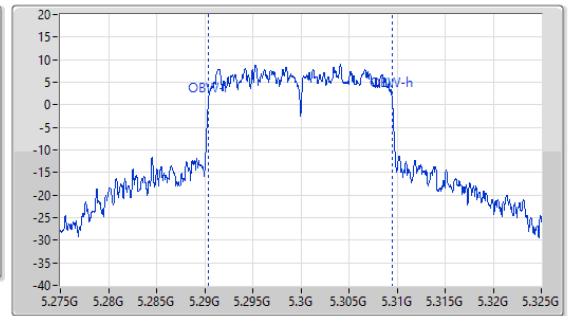
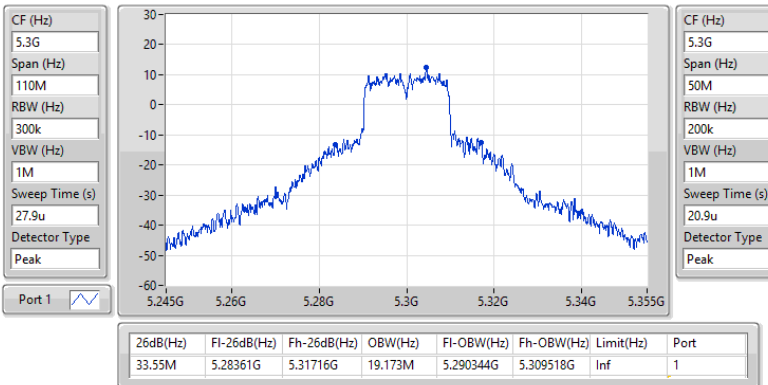
5260MHz

17/05/2024

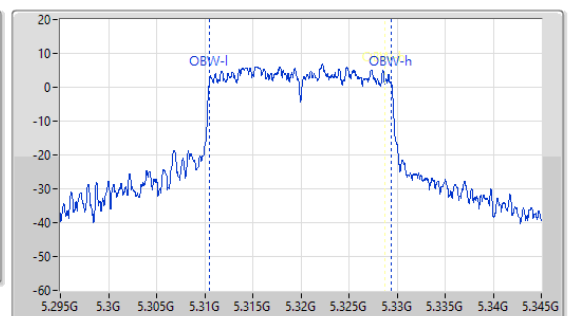
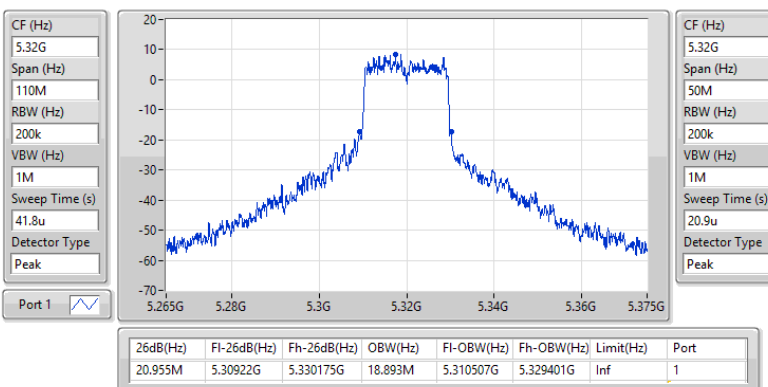


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX
EBW
5300MHz

17/05/2024

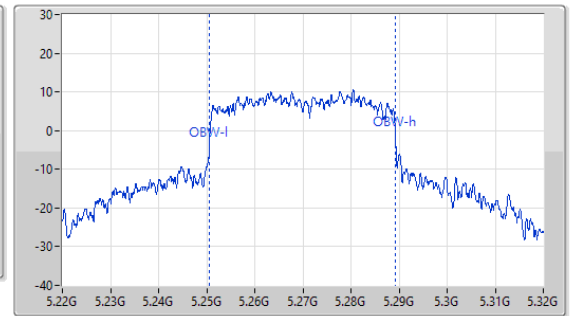
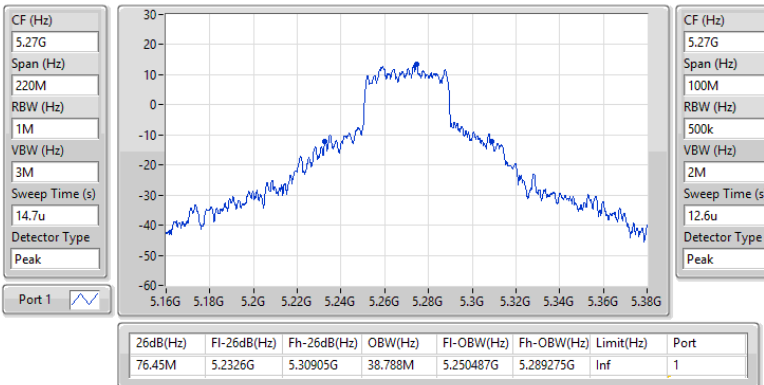

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX
EBW
5320MHz

17/05/2024

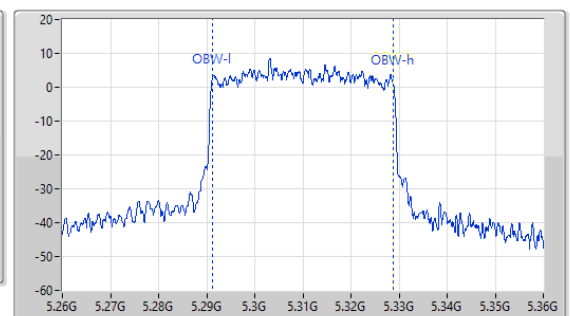
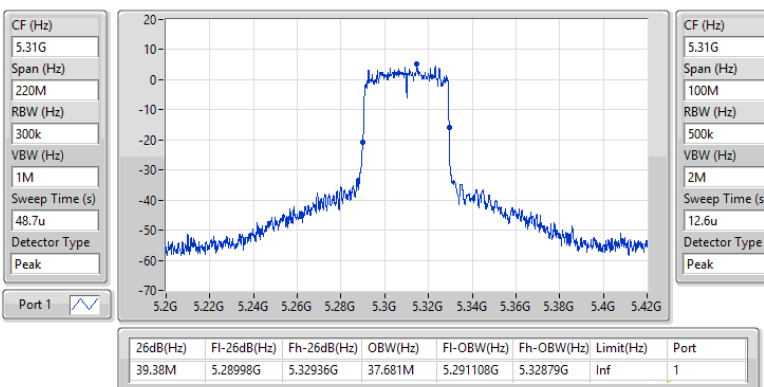


5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX
EBW
5270MHz

17/05/2024

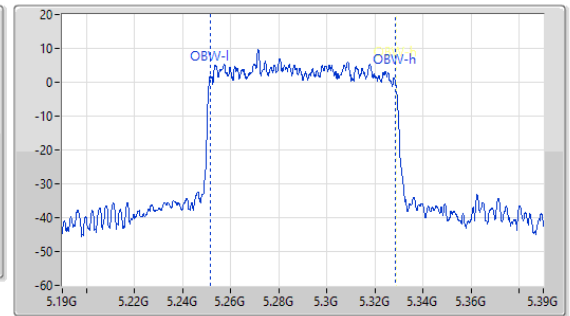
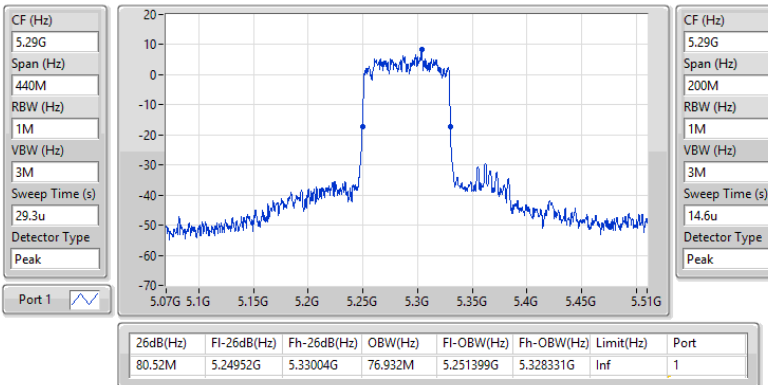

5.25-5.35GHz_802.11ax_HEW40_Nss1,(MCS0)_1TX
EBW
5310MHz

17/05/2024

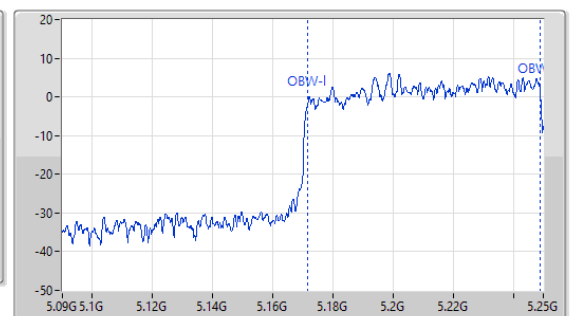
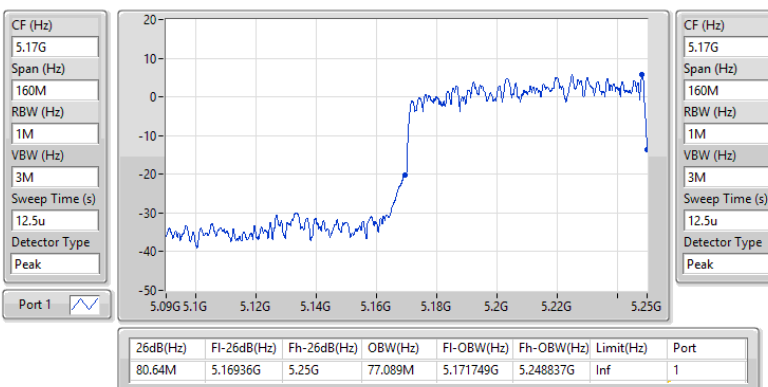


5.25-5.35GHz 802.11ax HEW80_Nss1,(MCS0)_1TX
EBW
5290MHz

17/05/2024


5.15-5.25GHz 802.11ax HEW160_Nss1,(MCS0)_1TX
EBW
5250MHz Straddle 5.15-5.25GHz

17/05/2024

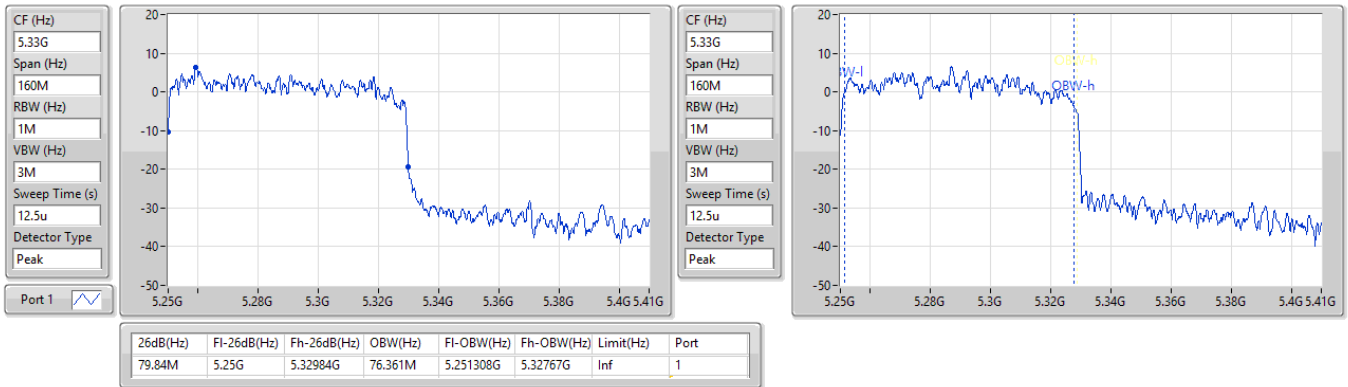


5.25-5.35GHz 802.11ax HEW160_Nss1,(MCS0)_1TX

EBW

5250MHz Straddle 5.25-5.35GHz

17/05/2024



**Test Mode: Mode 1****Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS14)_1TX	16.20	0.04169
802.11be EHT160_Nss1,(MCS14)_2TX	17.97	0.06266
802.11be EHT160_Nss1,(MCS14)_4TX	19.43	0.08770
802.11be EHT160-BF_Nss1,(MCS14)_2TX	17.97	0.06266
802.11be EHT160-BF_Nss1,(MCS14)_4TX	19.43	0.08770
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.90	0.15488
802.11a_Nss1,(6Mbps)_2TX	23.76	0.23768
802.11a_Nss1,(6Mbps)_4TX	21.33	0.13583
802.11be EHT20_Nss1,(MCS0)_1TX	21.95	0.15668
802.11be EHT20_Nss1,(MCS0)_2TX	23.93	0.24717
802.11be EHT20_Nss1,(MCS0)_4TX	21.92	0.15560
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.93	0.24717
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.71	0.14825
802.11be EHT40_Nss1,(MCS0)_1TX	21.98	0.15776
802.11be EHT40_Nss1,(MCS0)_2TX	23.59	0.22856
802.11be EHT40_Nss1,(MCS0)_4TX	23.62	0.23014
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.59	0.22856
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.46	0.13996
802.11be EHT80_Nss1,(MCS14)_1TX	18.75	0.07499
802.11be EHT80_Nss1,(MCS14)_2TX	20.88	0.12246
802.11be EHT80_Nss1,(MCS14)_4TX	22.23	0.16711
802.11be EHT80-BF_Nss1,(MCS14)_2TX	20.88	0.12246
802.11be EHT80-BF_Nss1,(MCS14)_4TX	21.32	0.13552
802.11be EHT160_Nss1,(MCS14)_1TX	15.65	0.03673
802.11be EHT160_Nss1,(MCS14)_2TX	17.25	0.05309
802.11be EHT160_Nss1,(MCS14)_4TX	18.95	0.07852
802.11be EHT160-BF_Nss1,(MCS14)_2TX	17.25	0.05309
802.11be EHT160-BF_Nss1,(MCS14)_4TX	18.95	0.07852

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)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	21.90	-	-	-	21.90	23.98
5300MHz	Pass	5.70	21.74	-	-	-	21.74	23.98
5320MHz	Pass	5.70	21.59	-	-	-	21.59	23.98
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	21.95	-	-	-	21.95	23.98
5300MHz	Pass	5.70	21.84	-	-	-	21.84	23.98
5320MHz	Pass	5.70	21.66	-	-	-	21.66	23.98
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.70	21.98	-	-	-	21.98	23.98
5310MHz	Pass	5.70	20.29	-	-	-	20.29	23.98
802.11be EHT80_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.70	18.75	-	-	-	18.75	23.98
802.11be EHT160_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	16.20	-	-	-	16.20	29.48
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	15.65	-	-	-	15.65	23.98
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	20.53	20.64	-	-	23.60	23.98
5300MHz	Pass	5.70	20.58	20.66	-	-	23.63	23.98
5320MHz	Pass	5.70	20.79	20.71	-	-	23.76	23.98
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	20.92	20.91	-	-	23.93	23.98
5300MHz	Pass	5.70	20.45	20.54	-	-	23.51	23.98
5320MHz	Pass	5.70	20.30	20.34	-	-	23.33	23.98
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.70	20.35	20.80	-	-	23.59	23.98
5310MHz	Pass	5.70	18.10	18.22	-	-	21.17	23.98
802.11be EHT80_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.70	17.83	17.90	-	-	20.88	23.98
802.11be EHT160_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	15.05	14.86	-	-	17.97	29.48
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	14.38	14.09	-	-	17.25	23.98
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	15.27	15.38	15.32	15.25	21.33	23.98
5300MHz	Pass	5.70	15.11	15.24	14.71	15.20	21.09	23.98
5320MHz	Pass	5.70	15.41	15.64	14.62	14.99	21.20	23.98
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	15.97	16.01	15.83	15.80	21.92	23.98
5300MHz	Pass	5.70	15.61	15.99	15.35	15.80	21.71	23.98
5320MHz	Pass	5.70	15.93	16.19	15.32	15.45	21.76	23.98
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.70	17.61	17.51	17.57	17.70	23.62	23.98
5310MHz	Pass	5.70	17.27	17.40	16.94	17.26	23.24	23.98
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.70	16.22	16.36	15.92	16.34	22.23	23.98
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	13.63	13.48	13.49	13.00	19.43	29.48
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	13.02	12.76	13.19	12.72	18.95	23.98
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	20.92	20.91	-	-	23.93	23.98
5300MHz	Pass	5.70	20.45	20.54	-	-	23.51	23.98
5320MHz	Pass	5.70	20.30	20.34	-	-	23.33	23.98
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.70	20.35	20.80	-	-	23.59	23.98
5310MHz	Pass	5.70	18.10	18.22	-	-	21.17	23.98

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80-BF_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.70	17.83	17.90	-	-	20.88	23.98
802.11be EHT160-BF_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	15.05	14.86	-	-	17.97	29.48
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	14.38	14.09	-	-	17.25	23.98
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.25	15.37	15.43	15.37	15.37	21.41	21.73
5300MHz	Pass	8.25	15.61	15.99	15.35	15.80	21.71	21.73
5320MHz	Pass	8.25	15.57	15.71	14.59	15.19	21.31	21.73
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.25	15.26	15.25	15.25	15.50	21.34	21.73
5310MHz	Pass	8.25	15.49	15.64	15.17	15.46	21.46	21.73
802.11be EHT80-BF_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.25	15.37	15.44	15.04	15.34	21.32	21.73
802.11be EHT160-BF_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.28	13.63	13.48	13.49	13.00	19.43	27.72
5250MHz Straddle 5.25-5.35GHz	Pass	8.25	13.02	12.76	13.19	12.72	18.95	21.73

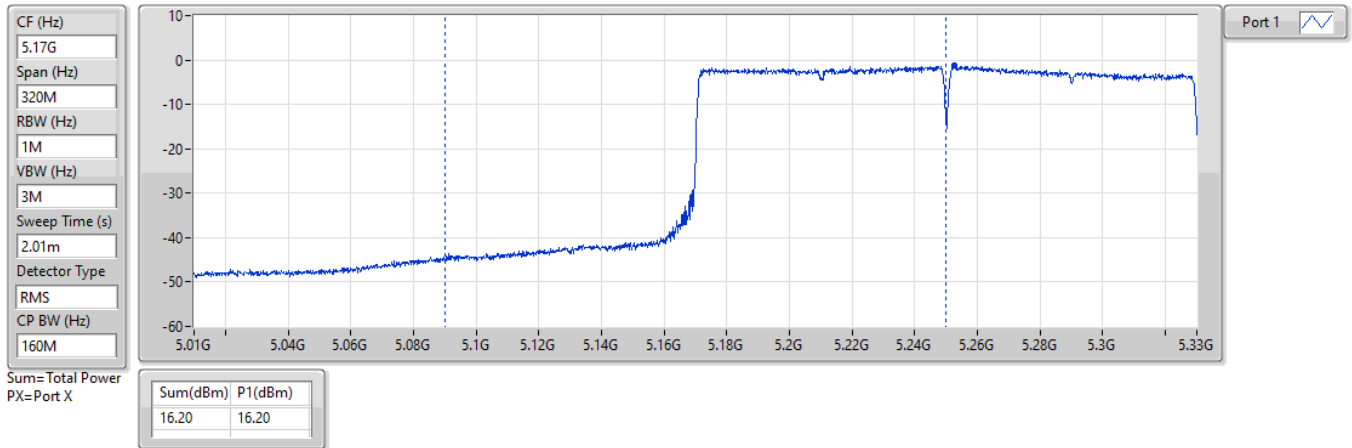
DG = Directional Gain; Port X = Port X output power

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

21/05/2024

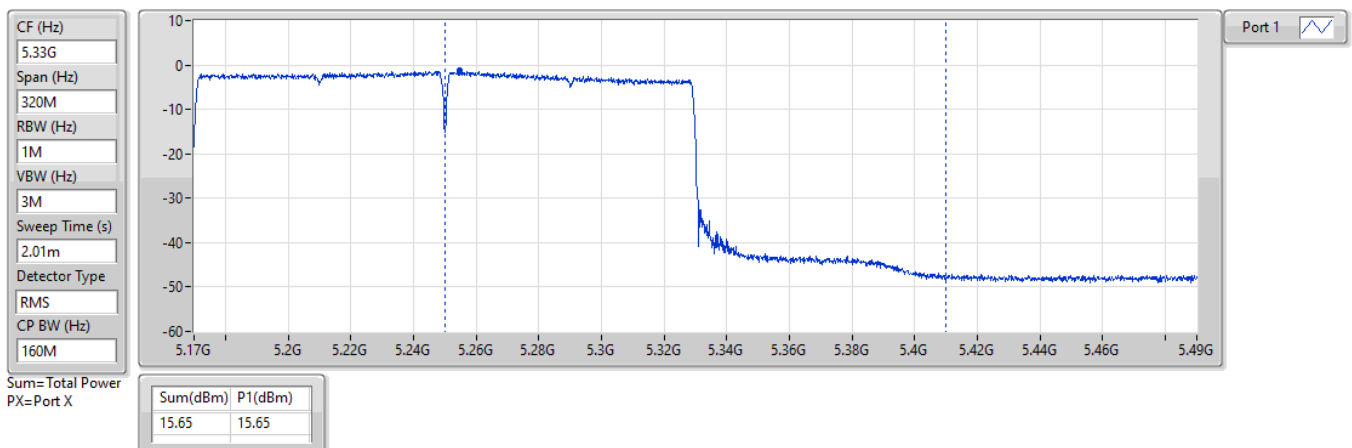


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

21/05/2024

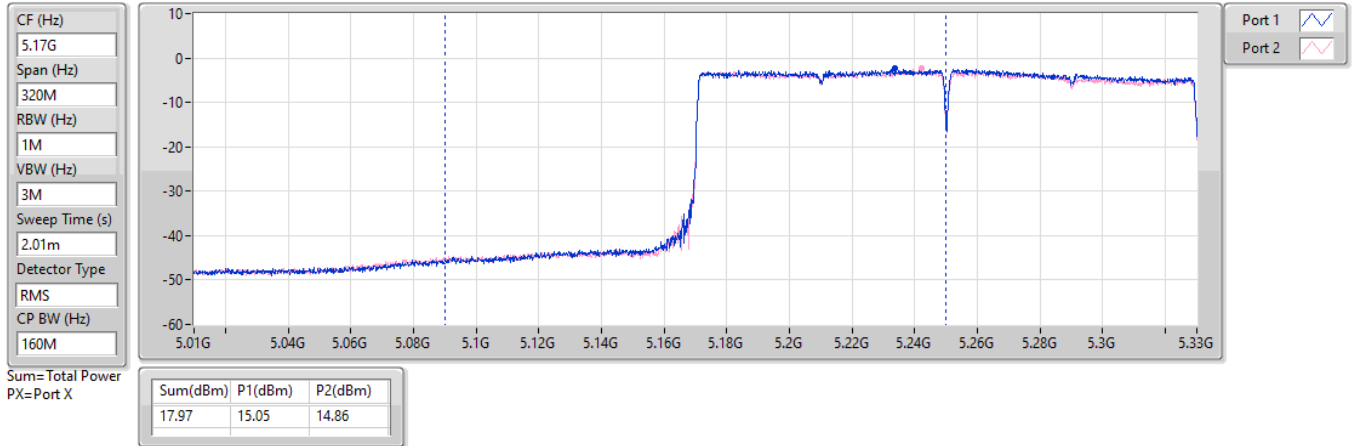


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

21/05/2024

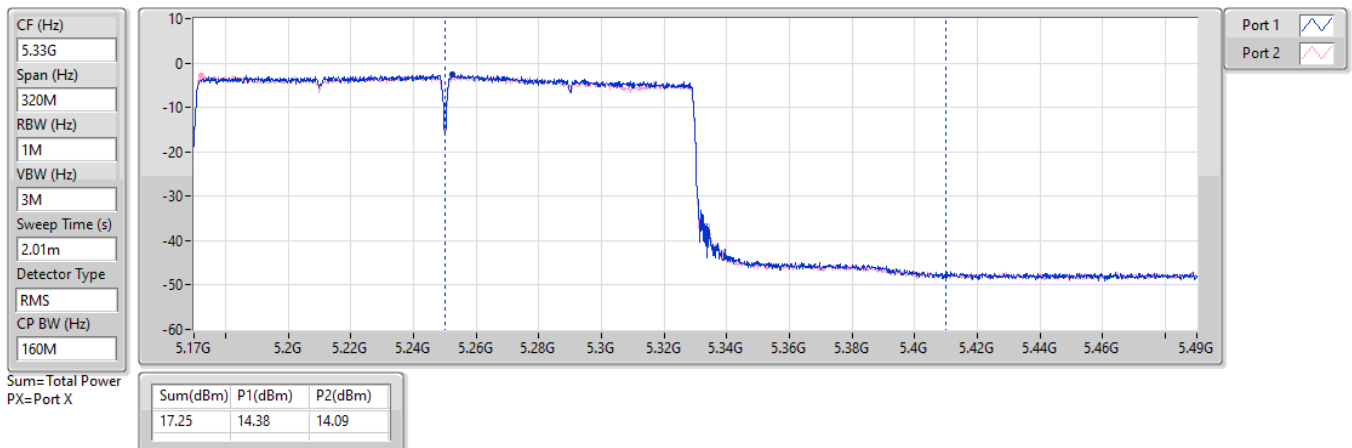


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

21/05/2024

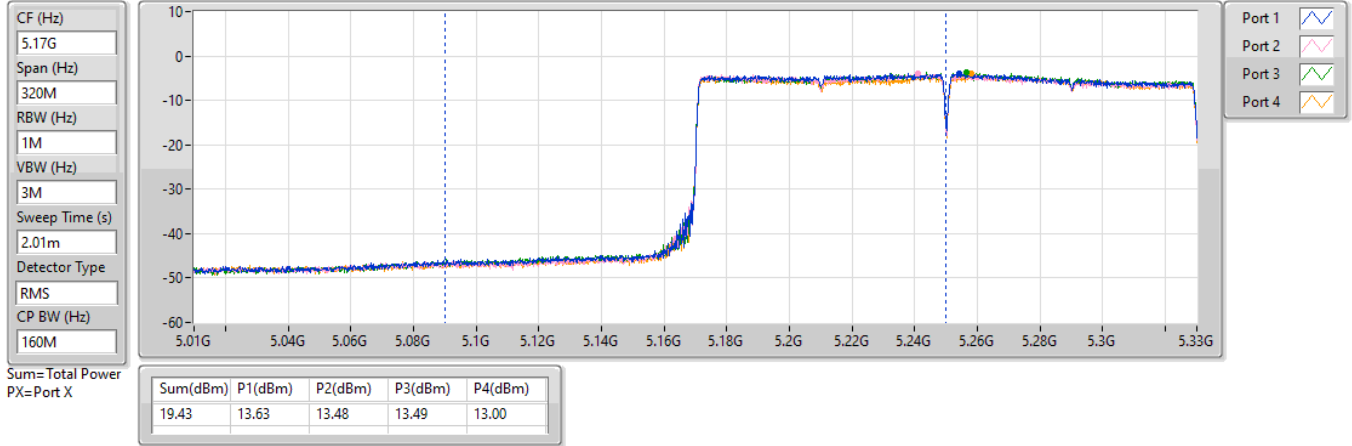


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

21/05/2024

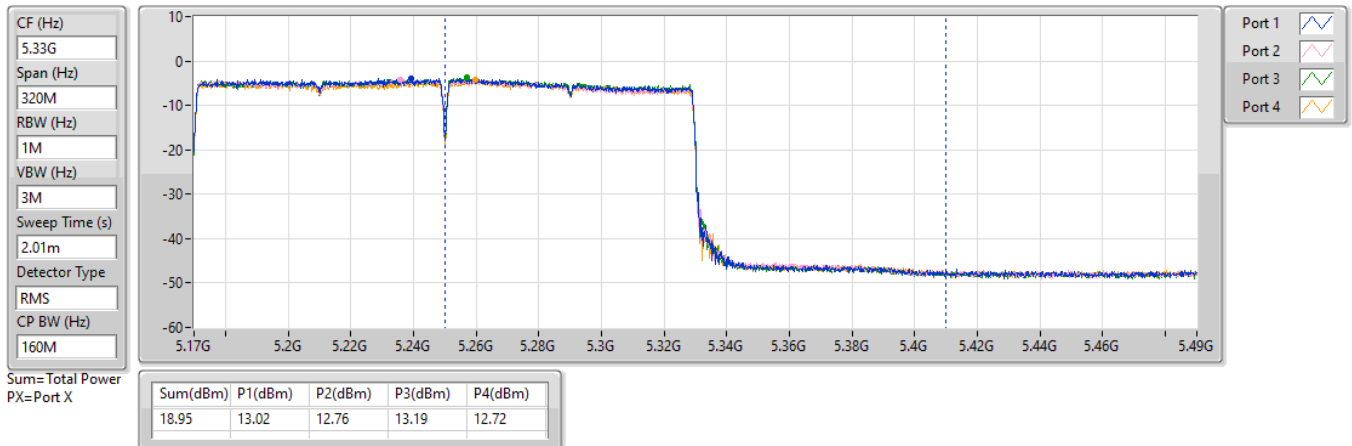


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

21/05/2024



**Test Mode: Mode 2****Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11be EHT160_Nss1,(MCS14)_1TX	16.39	0.04355
802.11be EHT160_Nss1,(MCS14)_2TX	18.05	0.06383
802.11be EHT160_Nss1,(MCS14)_4TX	18.44	0.06982
802.11be EHT160-BF_Nss1,(MCS14)_2TX	18.05	0.06383
802.11be EHT160-BF_Nss1,(MCS14)_4TX	18.44	0.06982
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.79	0.15101
802.11a_Nss1,(6Mbps)_2TX	23.55	0.22646
802.11a_Nss1,(6Mbps)_4TX	20.96	0.12474
802.11be EHT20_Nss1,(MCS0)_1TX	21.91	0.15524
802.11be EHT20_Nss1,(MCS0)_2TX	23.65	0.23174
802.11be EHT20_Nss1,(MCS0)_4TX	21.48	0.14060
802.11be EHT20-BF_Nss1,(MCS0)_2TX	23.65	0.23174
802.11be EHT20-BF_Nss1,(MCS0)_4TX	21.03	0.12677
802.11be EHT40_Nss1,(MCS0)_1TX	21.55	0.14289
802.11be EHT40_Nss1,(MCS0)_2TX	23.73	0.23605
802.11be EHT40_Nss1,(MCS0)_4TX	23.54	0.22594
802.11be EHT40-BF_Nss1,(MCS0)_2TX	23.73	0.23605
802.11be EHT40-BF_Nss1,(MCS0)_4TX	21.12	0.12942
802.11be EHT80_Nss1,(MCS14)_1TX	19.59	0.09099
802.11be EHT80_Nss1,(MCS14)_2TX	21.44	0.13932
802.11be EHT80_Nss1,(MCS14)_4TX	21.85	0.15311
802.11be EHT80-BF_Nss1,(MCS14)_2TX	21.44	0.13932
802.11be EHT80-BF_Nss1,(MCS14)_4TX	21.21	0.13213
802.11be EHT160_Nss1,(MCS14)_1TX	16.97	0.04977
802.11be EHT160_Nss1,(MCS14)_2TX	18.31	0.06776
802.11be EHT160_Nss1,(MCS14)_4TX	18.71	0.07430
802.11be EHT160-BF_Nss1,(MCS14)_2TX	18.31	0.06776
802.11be EHT160-BF_Nss1,(MCS14)_4TX	18.71	0.07430

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)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.73	21.79	-	-	-	21.79	23.98
5300MHz	Pass	5.73	21.51	-	-	-	21.51	23.98
5320MHz	Pass	5.73	21.36	-	-	-	21.36	23.98
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.73	21.82	-	-	-	21.82	23.98
5300MHz	Pass	5.73	21.91	-	-	-	21.91	23.98
5320MHz	Pass	5.73	21.13	-	-	-	21.13	23.98
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.73	21.55	-	-	-	21.55	23.98
5310MHz	Pass	5.73	21.27	-	-	-	21.27	23.98
802.11be EHT80_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.73	19.59	-	-	-	19.59	23.98
802.11be EHT160_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.21	16.39	-	-	-	16.39	29.79
5250MHz Straddle 5.25-5.35GHz	Pass	5.73	16.97	-	-	-	16.97	23.98
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.73	20.28	20.78	-	-	23.55	23.98
5300MHz	Pass	5.73	20.20	20.37	-	-	23.30	23.98
5320MHz	Pass	5.73	20.17	20.13	-	-	23.16	23.98
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.73	20.33	20.92	-	-	23.65	23.98
5300MHz	Pass	5.73	20.35	20.60	-	-	23.49	23.98
5320MHz	Pass	5.73	20.14	20.26	-	-	23.21	23.98
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.73	20.43	20.99	-	-	23.73	23.98
5310MHz	Pass	5.73	20.30	20.48	-	-	23.40	23.98
802.11be EHT80_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.73	18.21	18.64	-	-	21.44	23.98
802.11be EHT160_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.21	14.63	15.42	-	-	18.05	29.79
5250MHz Straddle 5.25-5.35GHz	Pass	5.73	15.22	15.37	-	-	18.31	23.98
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.89	14.79	15.31	14.61	15.00	20.96	23.98
5300MHz	Pass	5.89	14.82	15.00	14.58	14.59	20.77	23.98
5320MHz	Pass	5.89	14.81	14.79	14.77	14.73	20.80	23.98
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.89	15.35	15.81	15.08	15.57	21.48	23.98
5300MHz	Pass	5.89	15.35	15.42	15.00	15.31	21.29	23.98
5320MHz	Pass	5.89	15.41	15.20	15.26	15.24	21.30	23.98
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.89	17.49	17.87	17.24	17.46	23.54	23.98
5310MHz	Pass	5.89	16.65	16.89	16.66	16.76	22.76	23.98
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.89	15.89	16.01	15.59	15.82	21.85	23.98
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.21	12.26	12.94	11.84	12.57	18.44	29.79
5250MHz Straddle 5.25-5.35GHz	Pass	5.89	12.85	12.86	12.42	12.60	18.71	23.98
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.22	20.33	20.92	-	-	23.65	23.76
5300MHz	Pass	6.22	20.35	20.60	-	-	23.49	23.76
5320MHz	Pass	6.22	20.14	20.26	-	-	23.21	23.76
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.22	20.43	20.99	-	-	23.73	23.76
5310MHz	Pass	6.22	20.30	20.48	-	-	23.40	23.76

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11be EHT80-BF_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.22	18.21	18.64	-	-	21.44	23.76
802.11be EHT160-BF_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.68	14.63	15.42	-	-	18.05	29.32
5250MHz Straddle 5.25-5.35GHz	Pass	6.22	15.22	15.37	-	-	18.31	23.76
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.73	14.92	15.43	14.71	14.93	21.03	21.25
5300MHz	Pass	8.73	15.01	15.08	14.76	14.71	20.91	21.25
5320MHz	Pass	8.73	14.85	14.96	14.83	14.71	20.86	21.25
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.73	15.10	15.40	14.74	15.12	21.12	21.25
5310MHz	Pass	8.73	14.87	15.06	14.75	14.82	20.90	21.25
802.11be EHT80-BF_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.73	15.49	15.13	15.18	14.92	21.21	21.25
802.11be EHT160-BF_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.67	12.26	12.94	11.84	12.57	18.44	27.33
5250MHz Straddle 5.25-5.35GHz	Pass	8.73	12.85	12.86	12.42	12.60	18.71	21.25

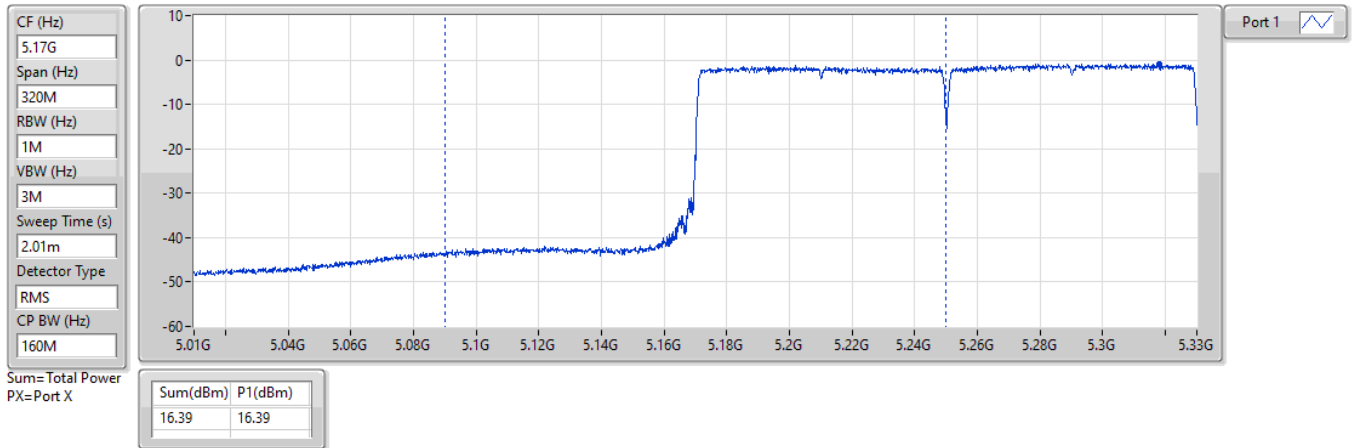
DG = Directional Gain; Port X = Port X output power

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

22/05/2024

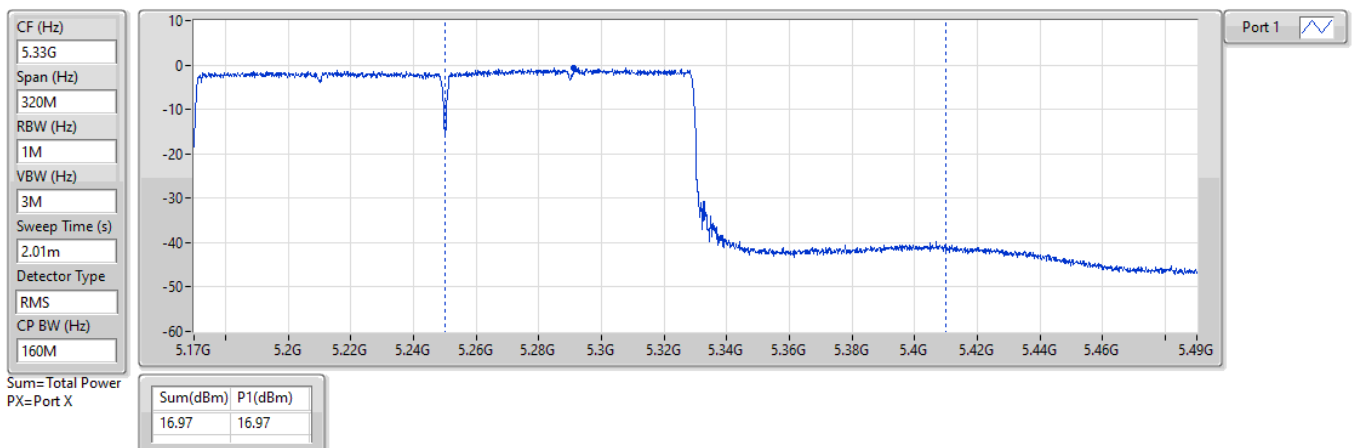


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

22/05/2024

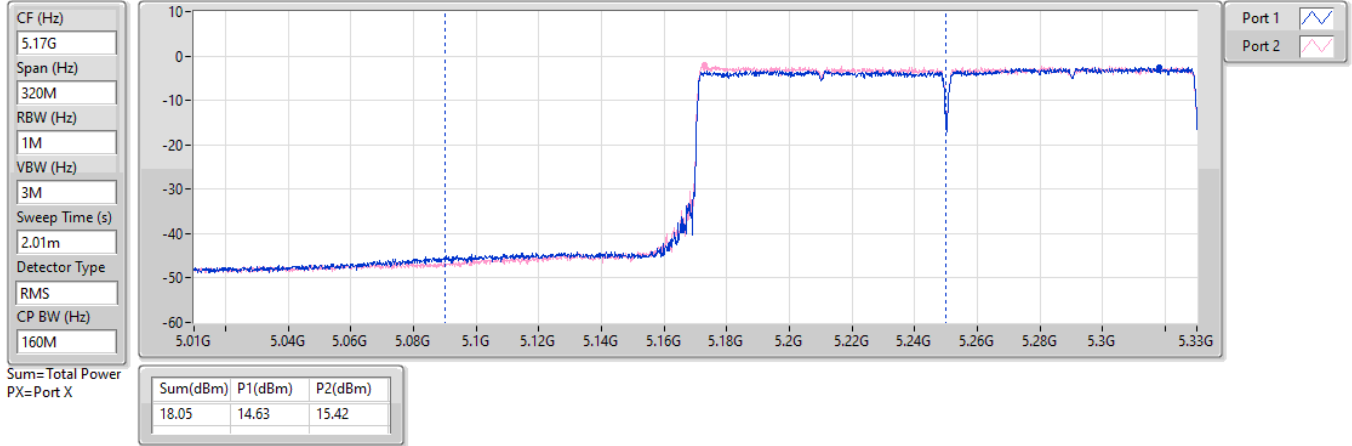


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

22/05/2024

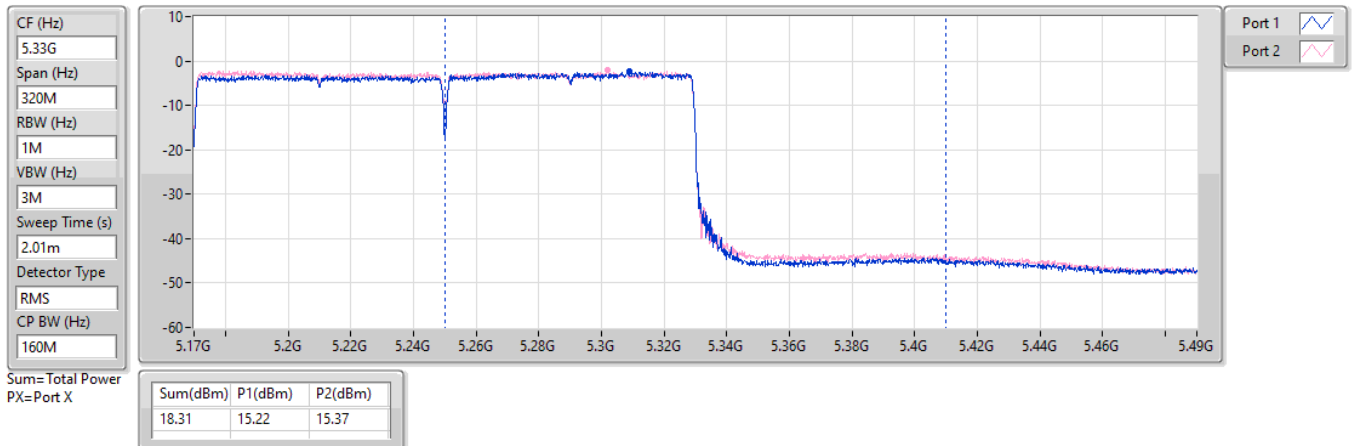


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

22/05/2024

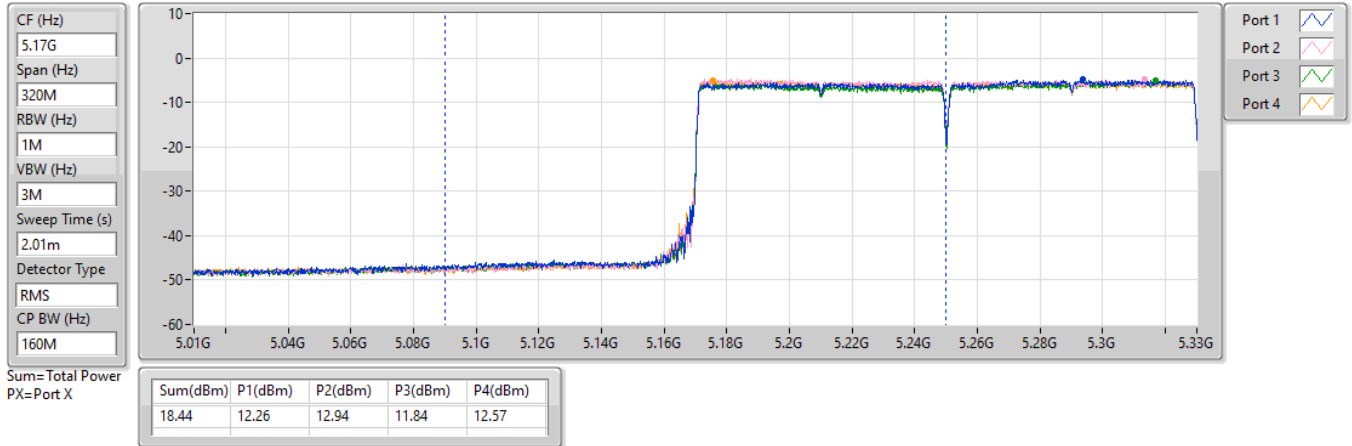


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

22/05/2024

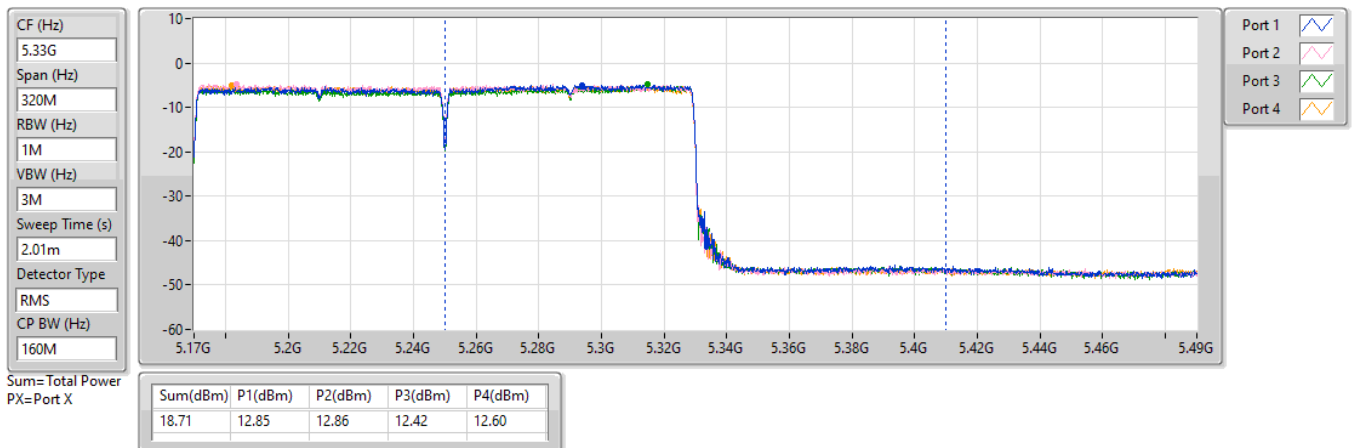


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

22/05/2024





Test Mode: Mode 3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	14.62	0.02897
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.10	0.12882
802.11ax HEW20_Nss1,(MCS0)_1TX	21.13	0.12972
802.11ax HEW40_Nss1,(MCS0)_1TX	21.25	0.13335
802.11ax HEW80_Nss1,(MCS0)_1TX	16.99	0.05000
802.11ax HEW160_Nss1,(MCS0)_1TX	14.99	0.03155

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	4.57	21.10	21.10	23.98
5300MHz	Pass	4.57	21.04	21.04	23.98
5320MHz	Pass	4.57	18.87	18.87	23.82
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.57	21.13	21.13	23.98
5300MHz	Pass	4.57	21.11	21.11	23.98
5320MHz	Pass	4.57	18.92	18.92	23.98
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	4.57	21.25	21.25	23.98
5310MHz	Pass	4.57	17.37	17.37	23.98
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	4.57	16.99	16.99	23.98
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.93	14.62	14.62	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.57	14.99	14.99	23.98

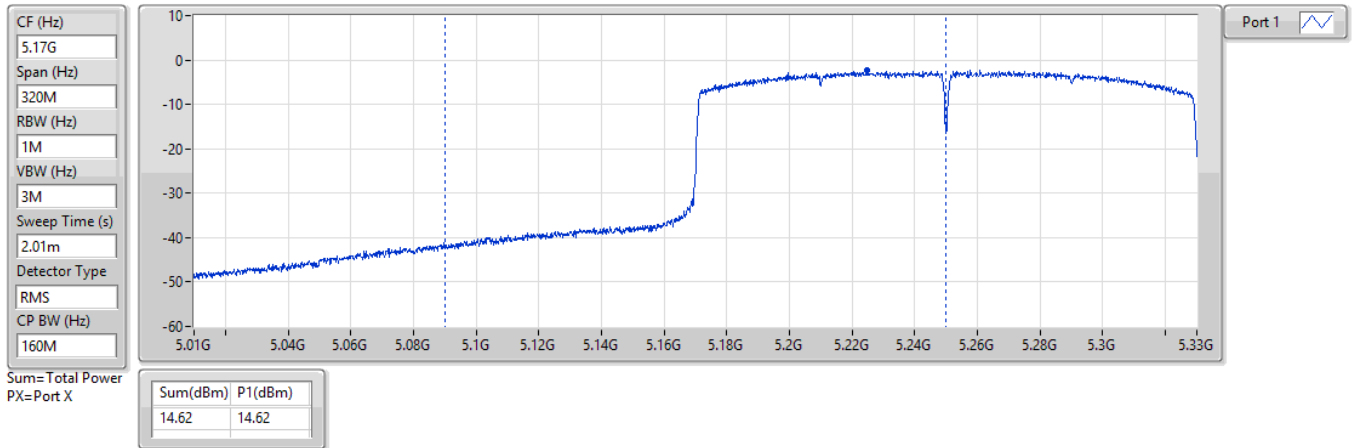
DG = Directional Gain; Port X = Port X output power
 Inf = There's no restriction for the limit.

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz_TX

17/05/2024

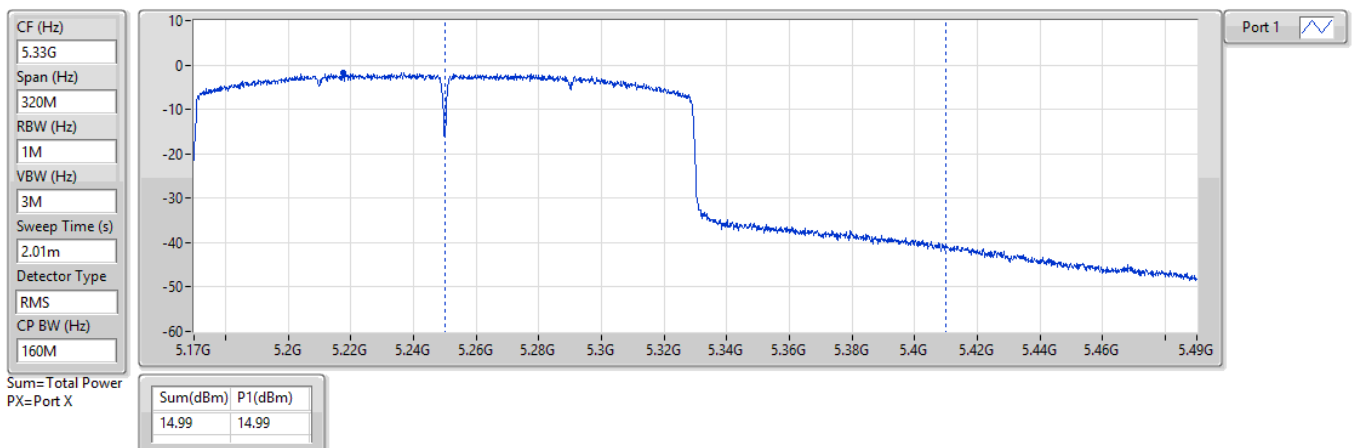


5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX

17/05/2024



Test Mode: Mode 1
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS14)_1TX	-3.39
802.11be EHT160_Nss1,(MCS14)_2TX	-1.62
802.11be EHT160_Nss1,(MCS14)_4TX	-0.22
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.89
802.11a_Nss1,(6Mbps)_2TX	10.96
802.11a_Nss1,(6Mbps)_4TX	8.36
802.11be EHT20_Nss1,(MCS0)_1TX	8.77
802.11be EHT20_Nss1,(MCS0)_2TX	10.61
802.11be EHT20_Nss1,(MCS0)_4TX	8.46
802.11be EHT40_Nss1,(MCS0)_1TX	6.10
802.11be EHT40_Nss1,(MCS0)_2TX	7.57
802.11be EHT40_Nss1,(MCS0)_4TX	7.21
802.11be EHT80_Nss1,(MCS14)_1TX	0.17
802.11be EHT80_Nss1,(MCS14)_2TX	2.27
802.11be EHT80_Nss1,(MCS14)_4TX	3.40
802.11be EHT160_Nss1,(MCS14)_1TX	-3.28
802.11be EHT160_Nss1,(MCS14)_2TX	-1.78
802.11be EHT160_Nss1,(MCS14)_4TX	-0.13

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)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	8.89	-	-	-	8.89	11.00
5300MHz	Pass	5.70	8.74	-	-	-	8.74	11.00
5320MHz	Pass	5.70	8.37	-	-	-	8.37	11.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	8.77	-	-	-	8.77	11.00
5300MHz	Pass	5.70	8.58	-	-	-	8.58	11.00
5320MHz	Pass	5.70	8.29	-	-	-	8.29	11.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.70	6.10	-	-	-	6.10	11.00
5310MHz	Pass	5.70	4.12	-	-	-	4.12	11.00
802.11be EHT80_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.70	0.17	-	-	-	0.17	11.00
802.11be EHT160_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-3.39	-	-	-	-3.39	16.48
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-3.28	-	-	-	-3.28	11.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	7.65	7.72	-	-	10.68	11.00
5300MHz	Pass	5.70	7.49	7.87	-	-	10.65	11.00
5320MHz	Pass	5.70	7.84	8.19	-	-	10.96	11.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.70	7.54	7.74	-	-	10.61	11.00
5300MHz	Pass	5.70	7.05	7.48	-	-	10.28	11.00
5320MHz	Pass	5.70	6.79	7.25	-	-	9.94	11.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.70	4.55	4.65	-	-	7.57	11.00
5310MHz	Pass	5.70	1.94	1.84	-	-	4.88	11.00
802.11be EHT80_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.70	-0.67	-0.69	-	-	2.27	11.00
802.11be EHT160_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-4.52	-4.51	-	-	-1.62	16.48
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-4.55	-4.89	-	-	-1.78	11.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.25	2.29	2.57	2.24	2.47	8.36	8.75
5300MHz	Pass	8.25	2.17	2.64	1.98	2.58	8.33	8.75
5320MHz	Pass	8.25	2.37	2.73	1.82	2.19	8.26	8.75
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.25	2.37	2.73	2.32	2.59	8.46	8.75
5300MHz	Pass	8.25	2.23	2.74	2.10	2.82	8.44	8.75
5320MHz	Pass	8.25	2.42	2.93	1.99	2.36	8.41	8.75
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.25	1.50	1.12	1.34	1.32	7.21	8.75
5310MHz	Pass	8.25	1.01	0.91	0.70	0.95	6.86	8.75
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.25	-2.38	-2.32	-2.76	-2.37	3.40	8.75
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.28	-5.95	-5.98	-6.02	-6.59	-0.22	14.72
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-5.91	-6.19	-5.85	-6.22	-0.13	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;

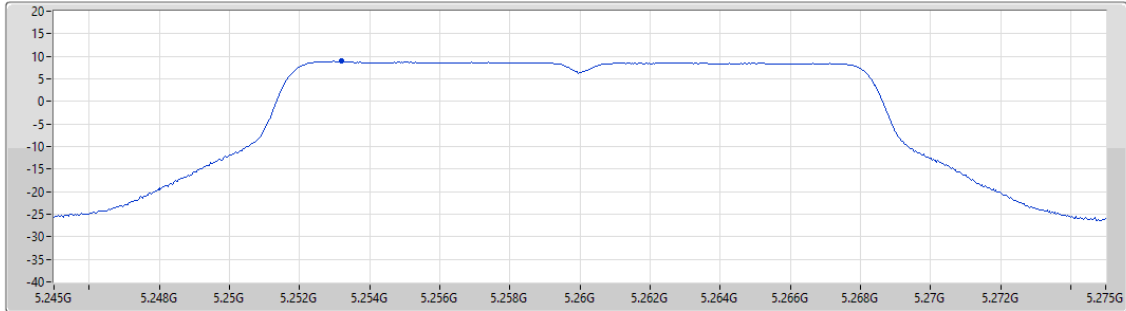
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

20/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.946
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.89	8.89	8.89

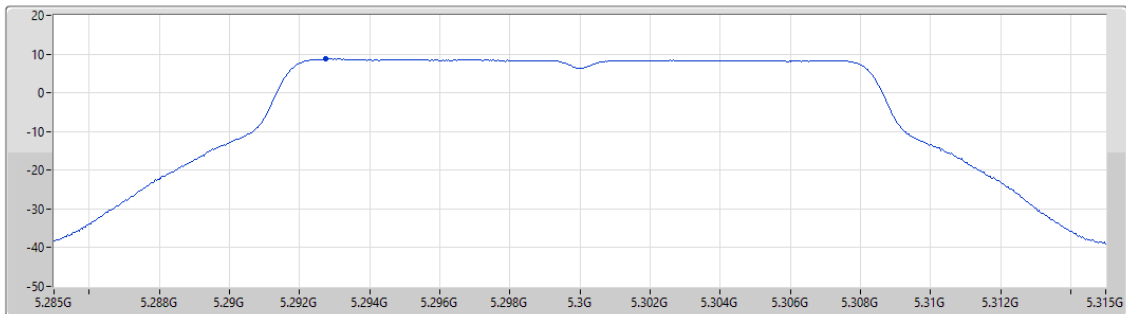
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

20/05/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.946
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.74	8.74	8.74

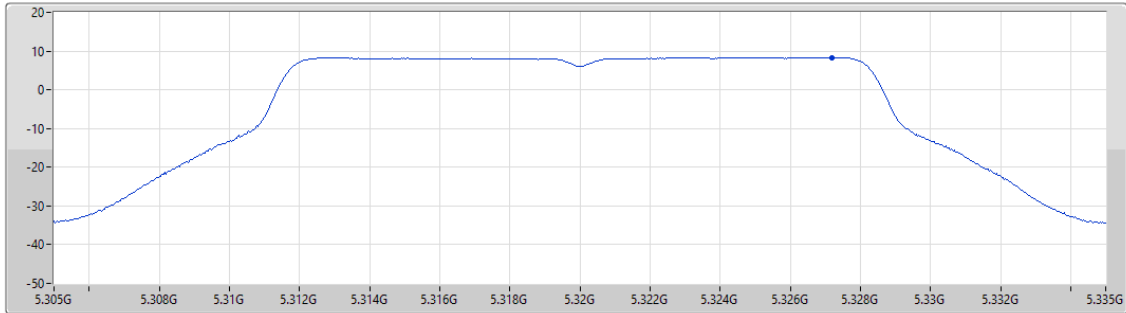
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

20/05/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
19.946
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.37	8.37	8.37

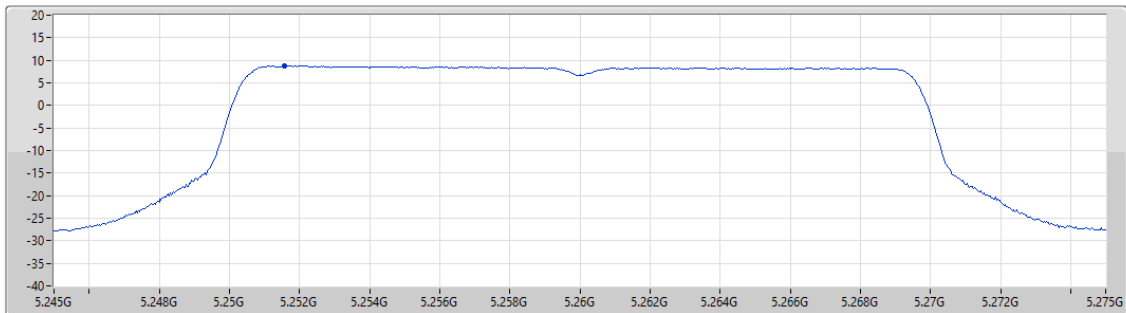
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

21/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.77	8.77	8.77

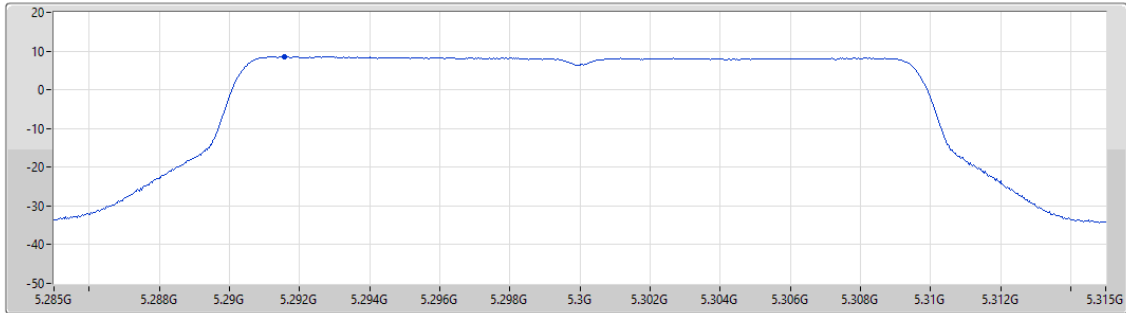
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

21/05/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.58	8.58	8.58

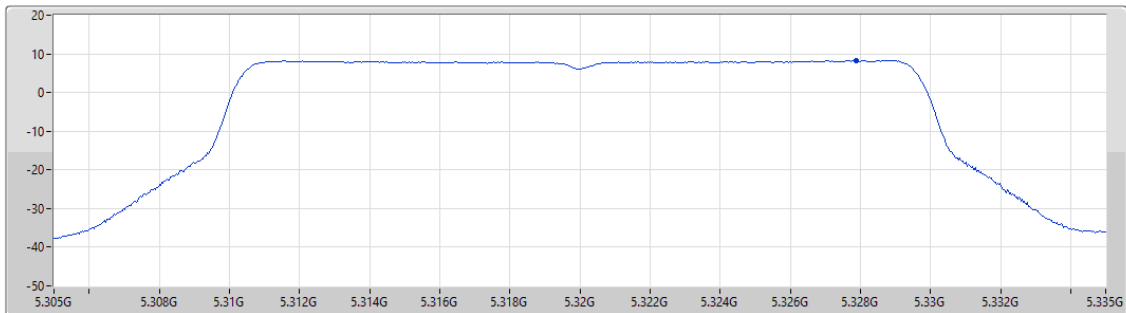
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

21/05/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.29	8.29	8.29

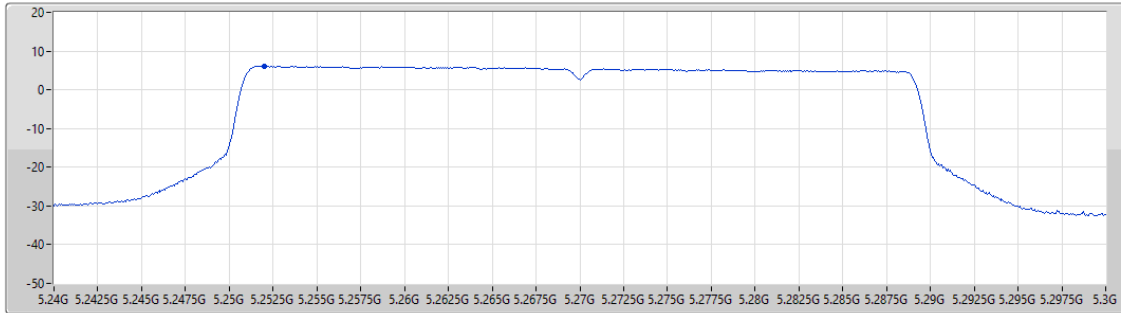
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

21/05/2024

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
6.10	6.10	6.10

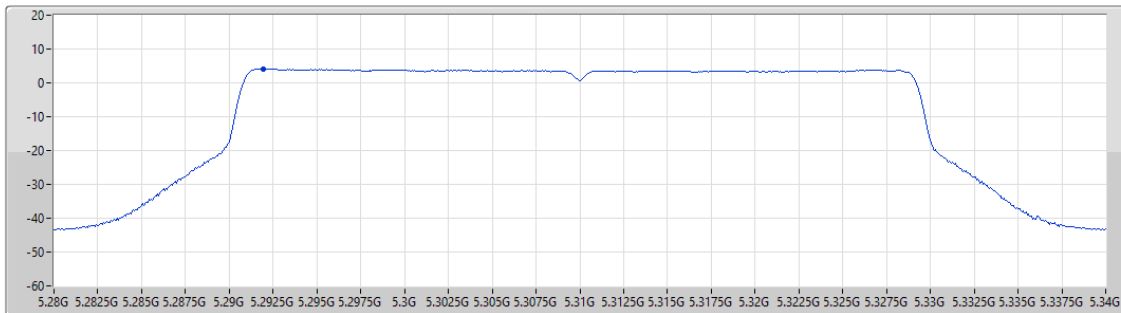
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

21/05/2024

CF (Hz)
5.31G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)
4.12	4.12	4.12

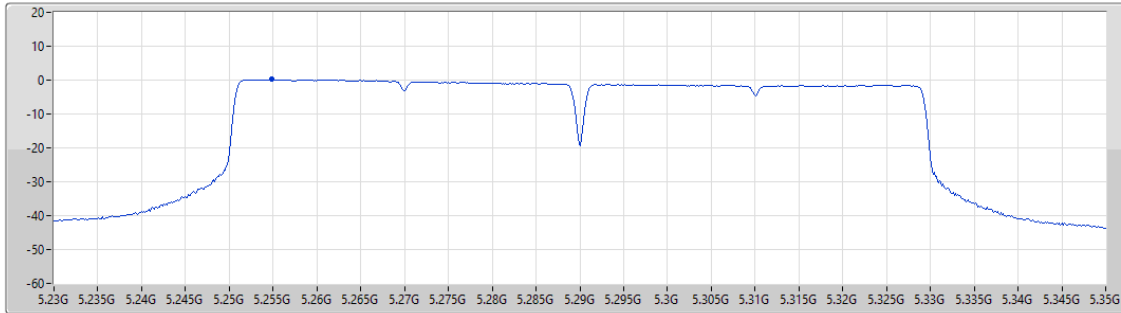
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_1TX

PSD

5290MHz

21/05/2024

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Port 1

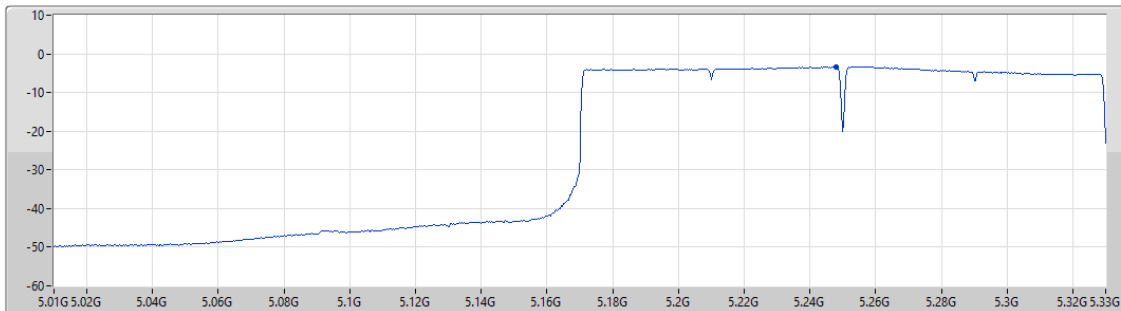
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

21/05/2024

CF (Hz)
5.17G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



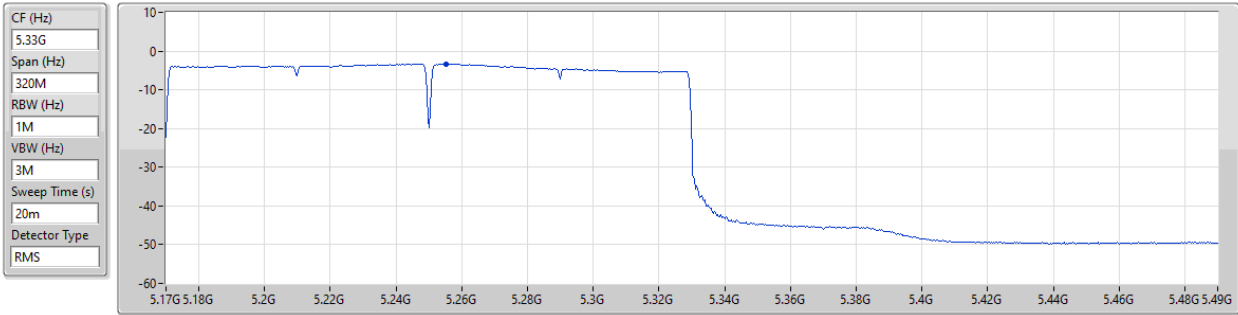
Port 1

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

21/05/2024



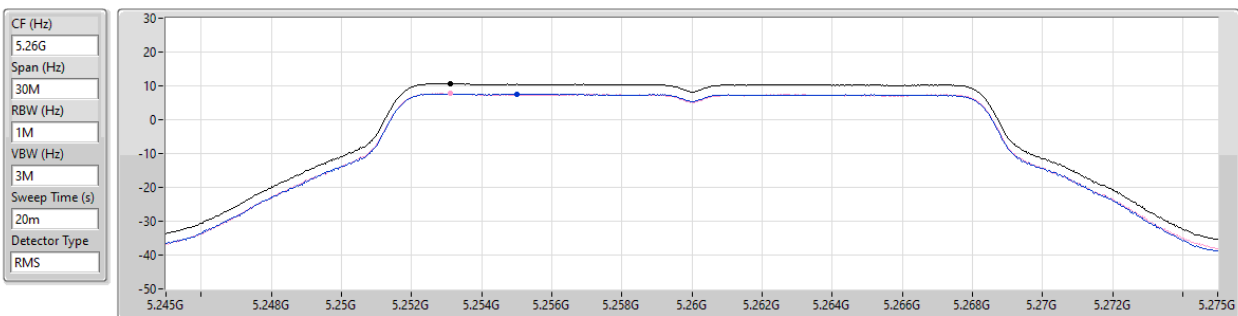
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.28	-3.28	-3.28

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

PSD

5260MHz

21/05/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.68	10.68	7.65	7.72

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

PSD

5300MHz

21/05/2024

CF (Hz)
5.3G

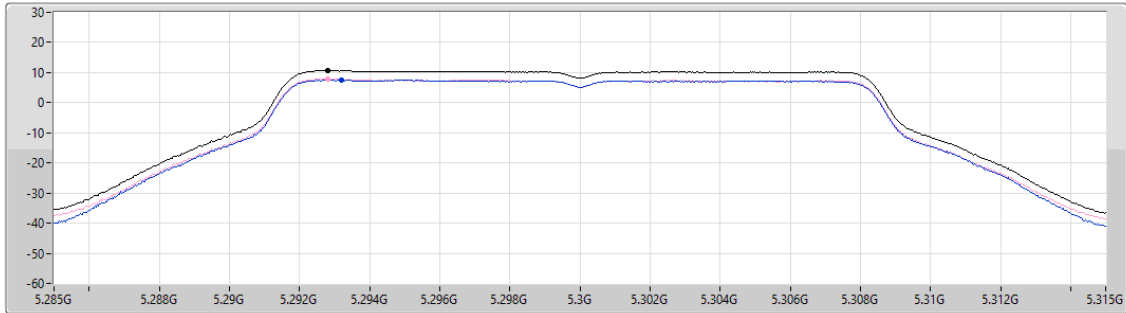
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	7.49	7.87

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

PSD

5320MHz

21/05/2024

CF (Hz)
5.32G

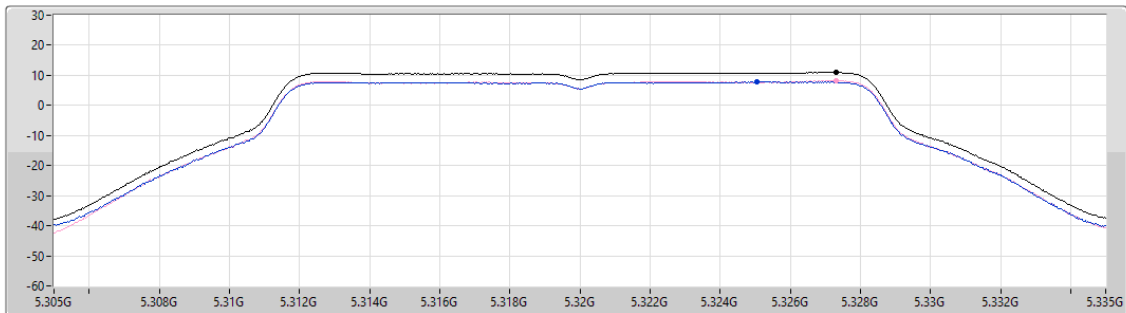
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	7.84	8.19

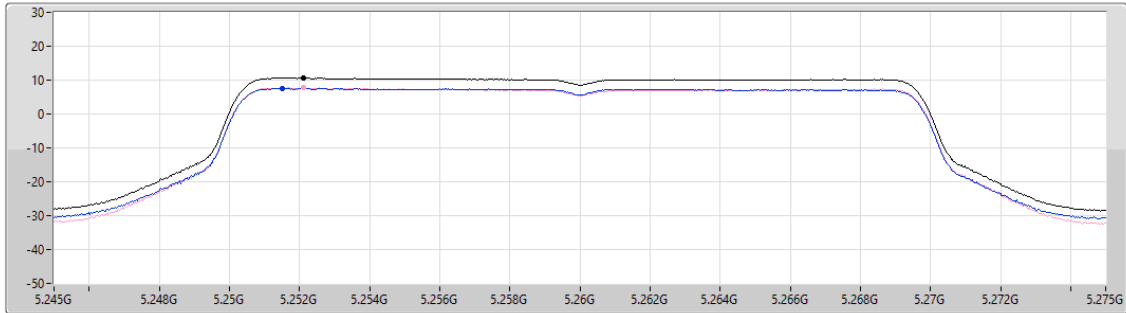
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

21/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
10.61	10.61	7.54	7.74

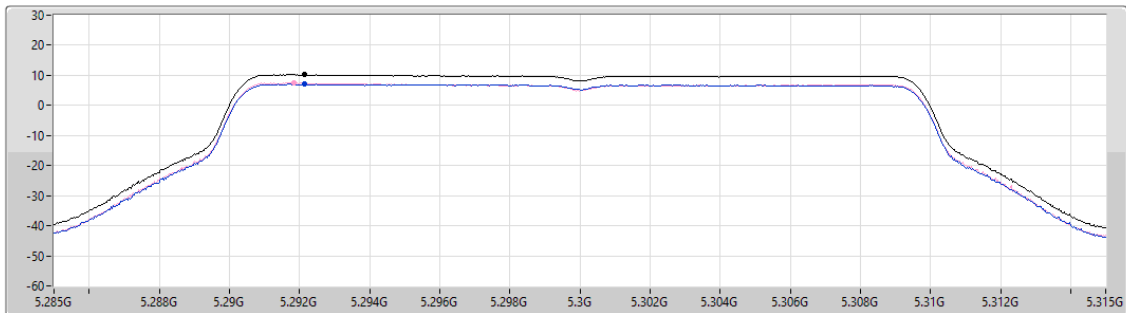
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

21/05/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum (dBm/RBW)	PD (dBm/RBW)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)
10.28	10.28	7.05	7.48

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

PSD

5320MHz

21/05/2024

CF (Hz)
5.32G

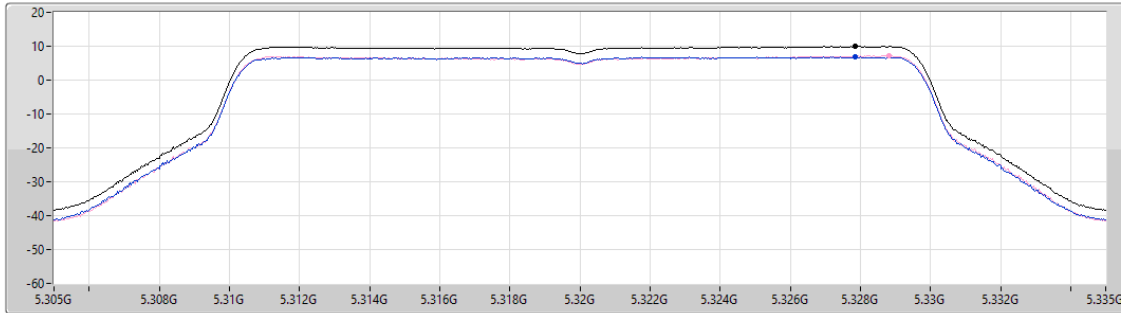
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.94	9.94	6.79	7.25

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

PSD

5270MHz

21/05/2024

CF (Hz)
5.27G

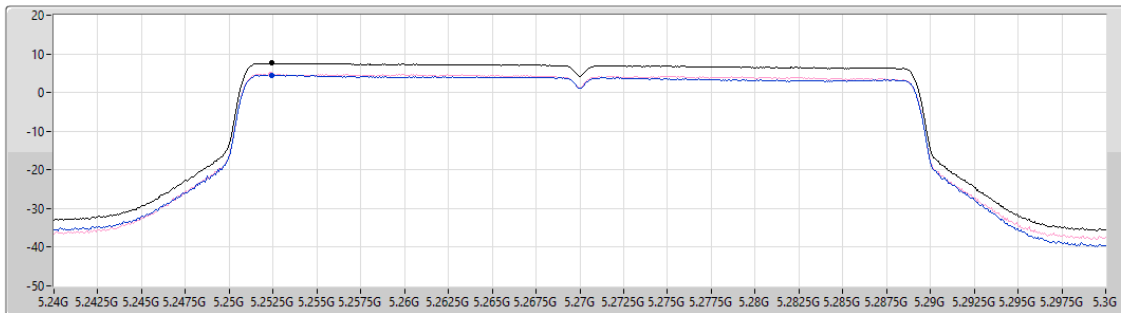
Span (Hz)
60M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

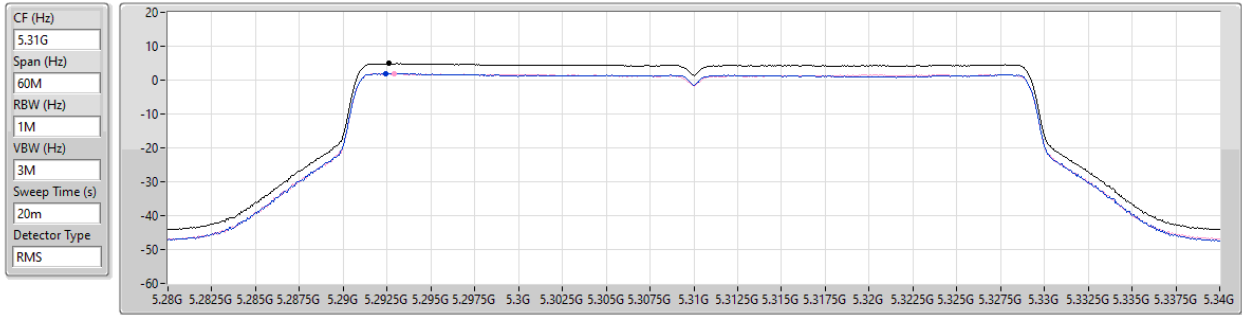
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.57	7.57	4.55	4.65

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

PSD

5310MHz

21/05/2024



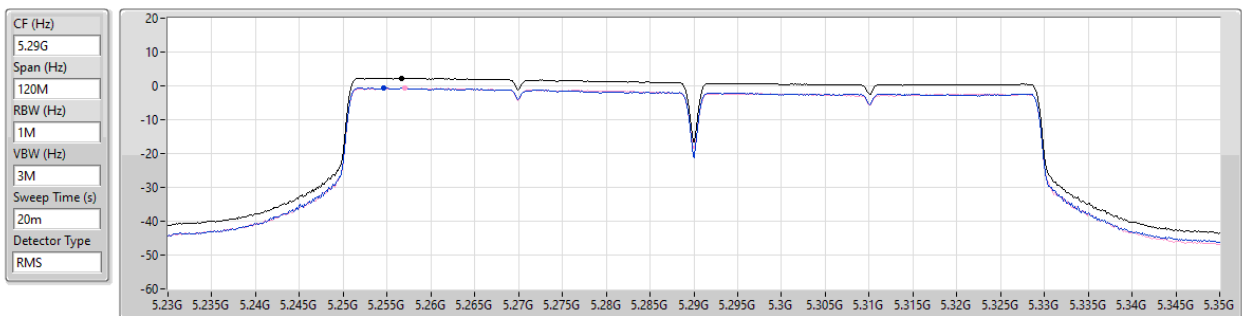
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.88	4.88	1.94	1.84

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_2TX

PSD

5290MHz

21/05/2024



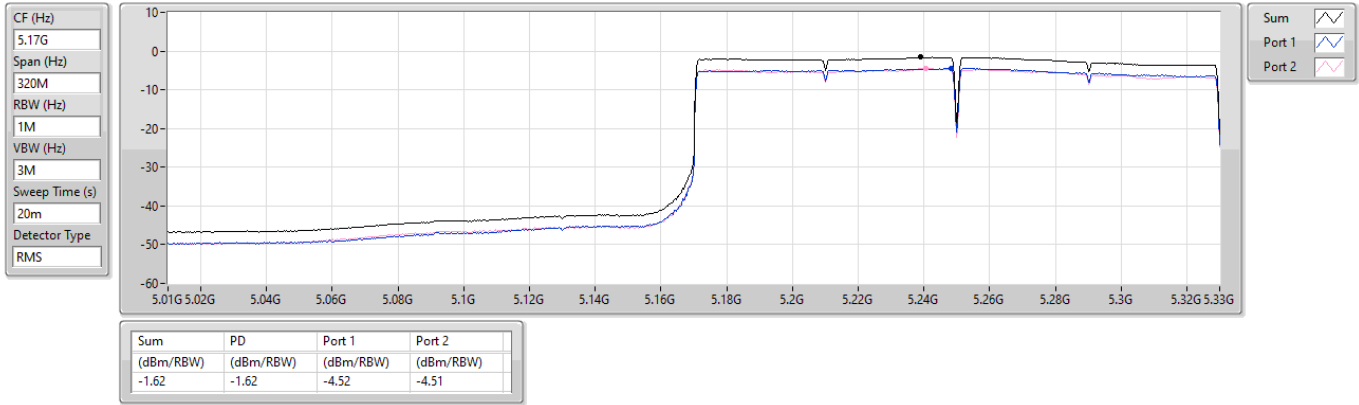
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.27	2.27	-0.67	-0.69

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

21/05/2024

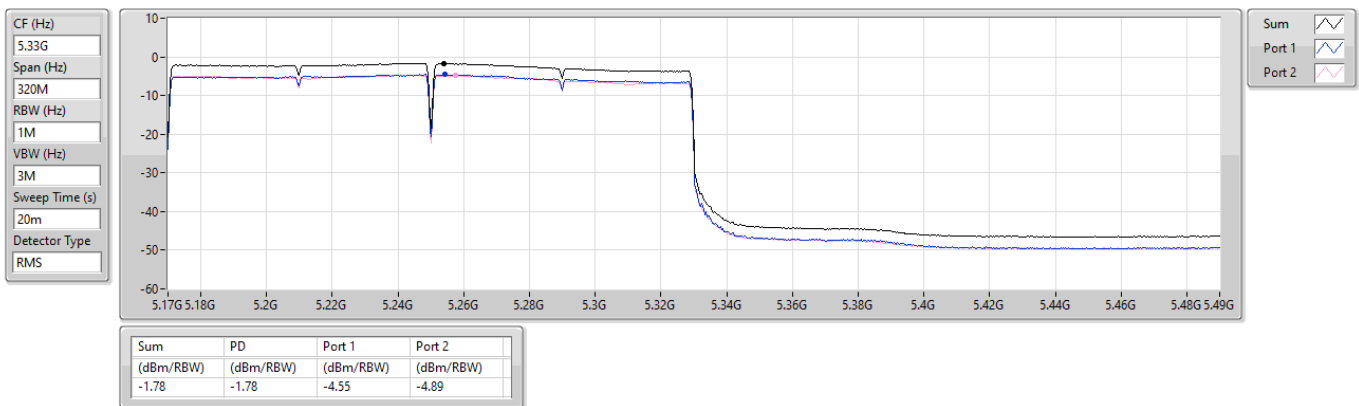


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

21/05/2024



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

21/05/2024

CF (Hz)
5.26G

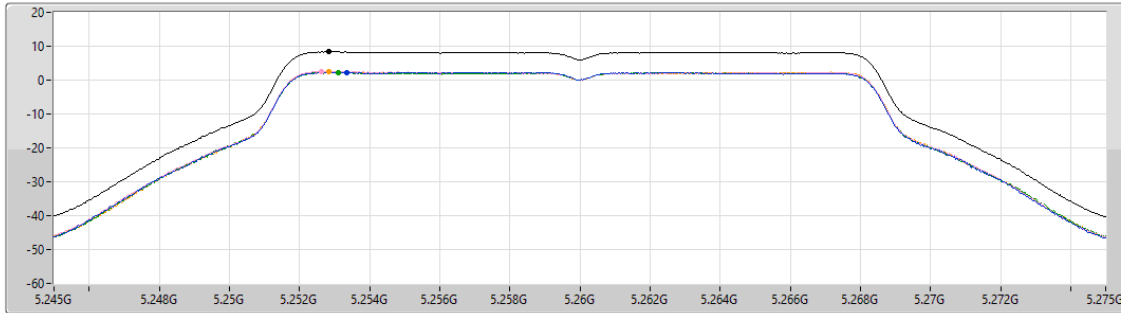
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.36	8.36	2.29	2.57	2.24	2.47

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

21/05/2024

CF (Hz)
5.3G

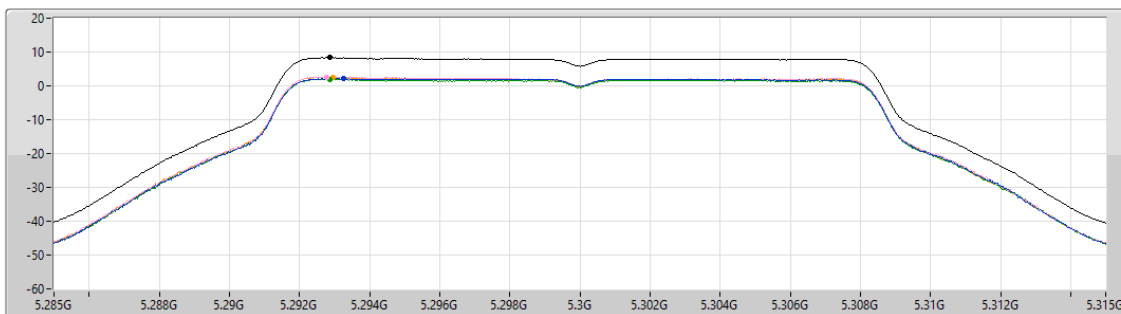
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum

Port 1

Port 2

Port 3

Port 4

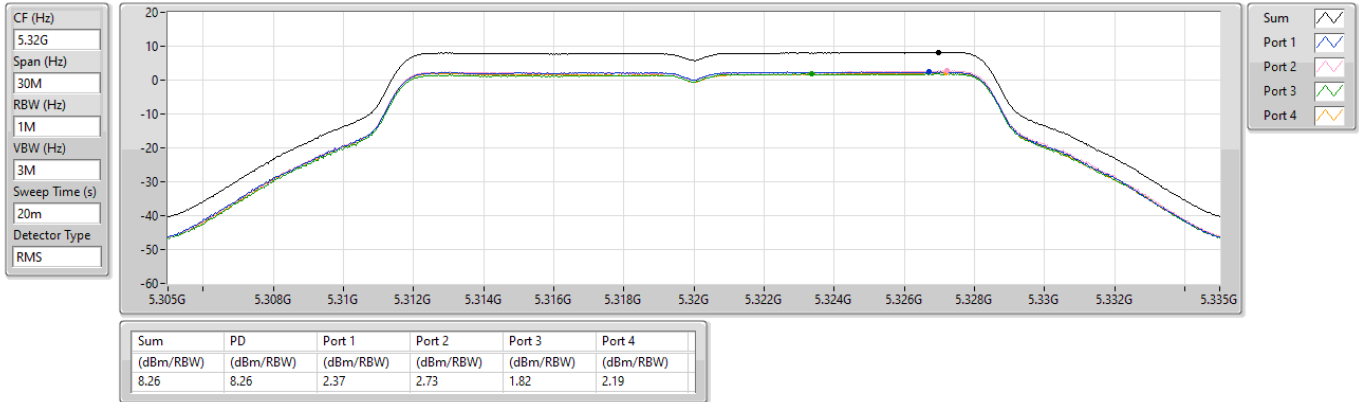
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.33	8.33	2.17	2.64	1.98	2.58

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

21/05/2024

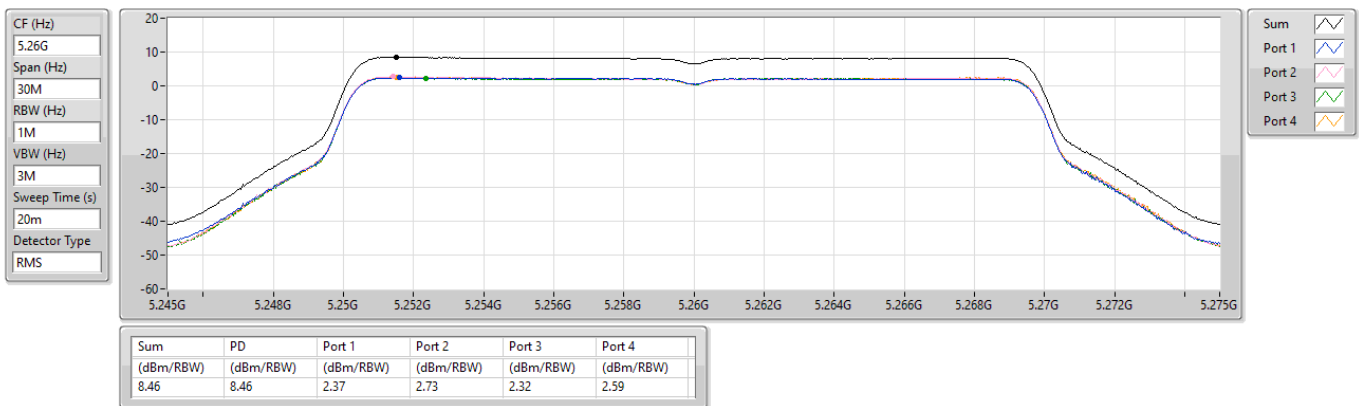


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

21/05/2024

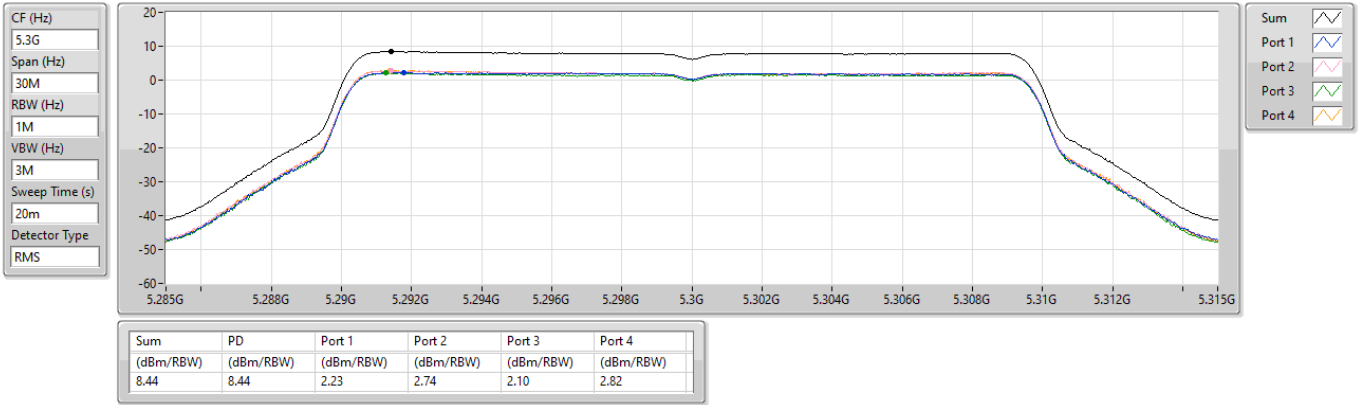


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

21/05/2024

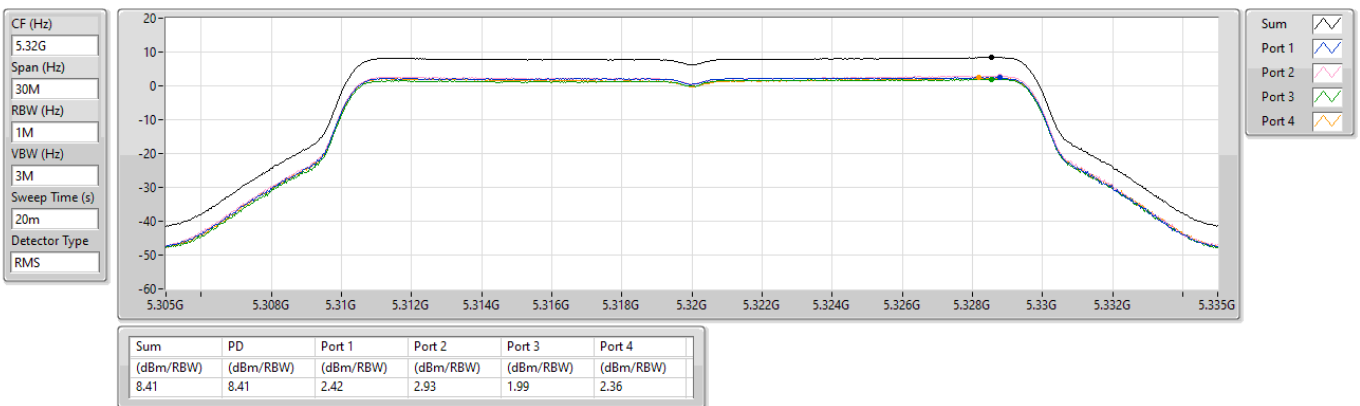


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

21/05/2024

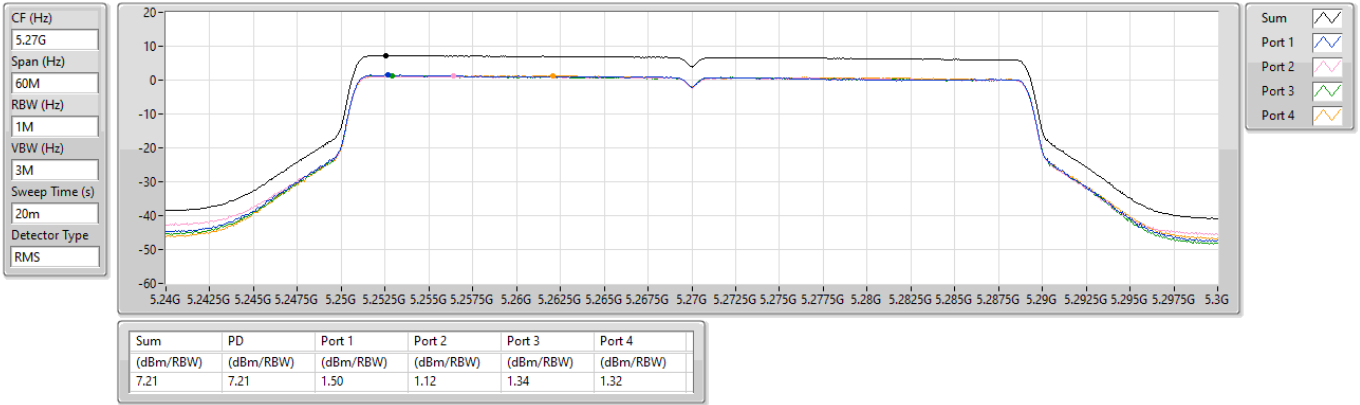


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

21/05/2024

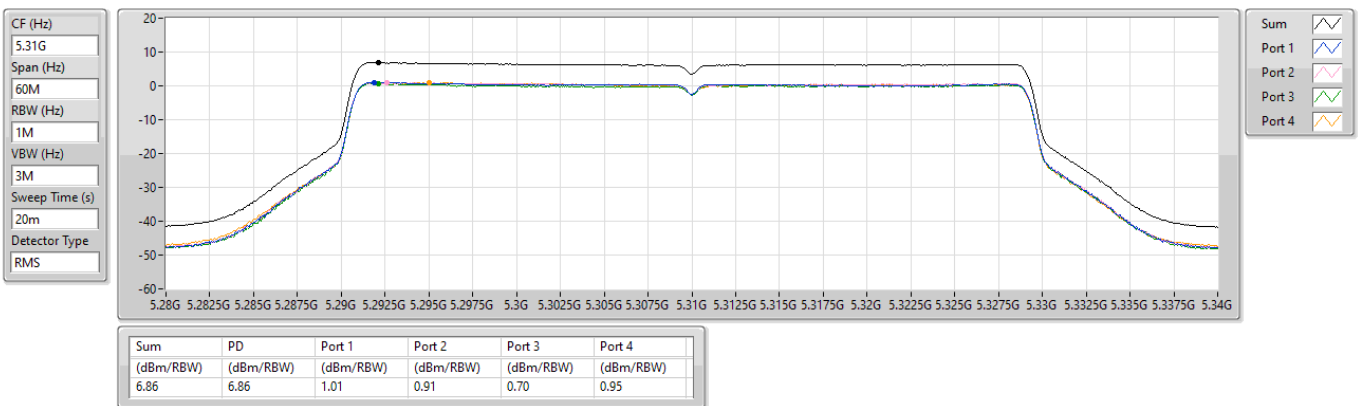


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

21/05/2024



5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_4TX

PSD

5290MHz

21/05/2024

CF (Hz)
5.29G

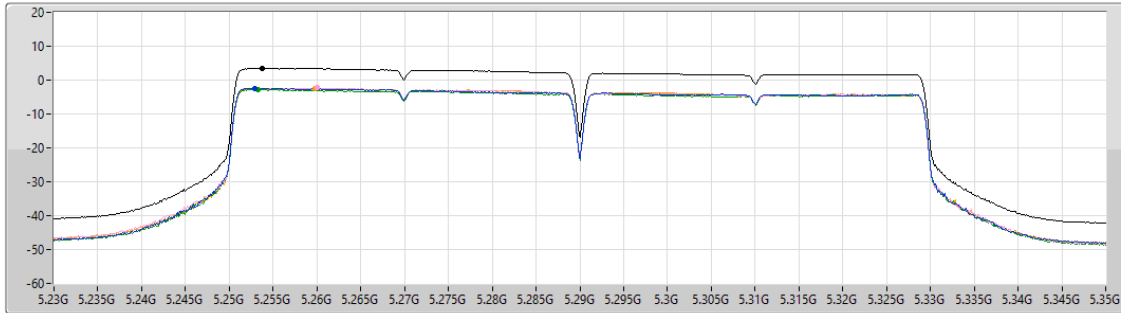
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	-2.38	-2.32	-2.76	-2.37

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

21/05/2024

CF (Hz)
5.17G

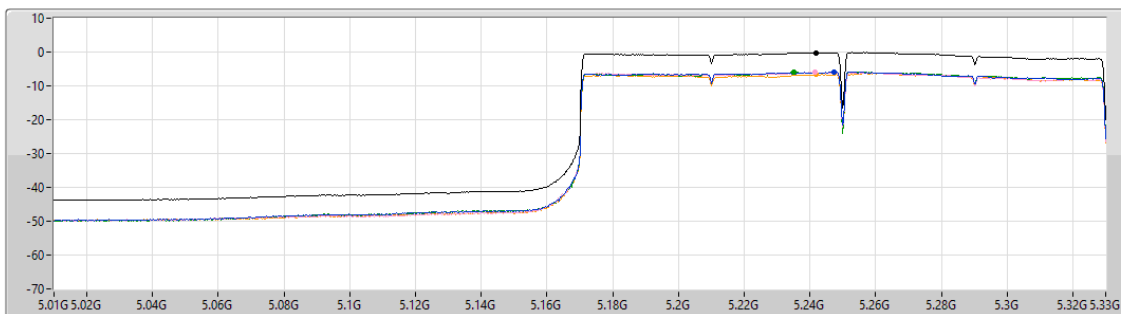
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



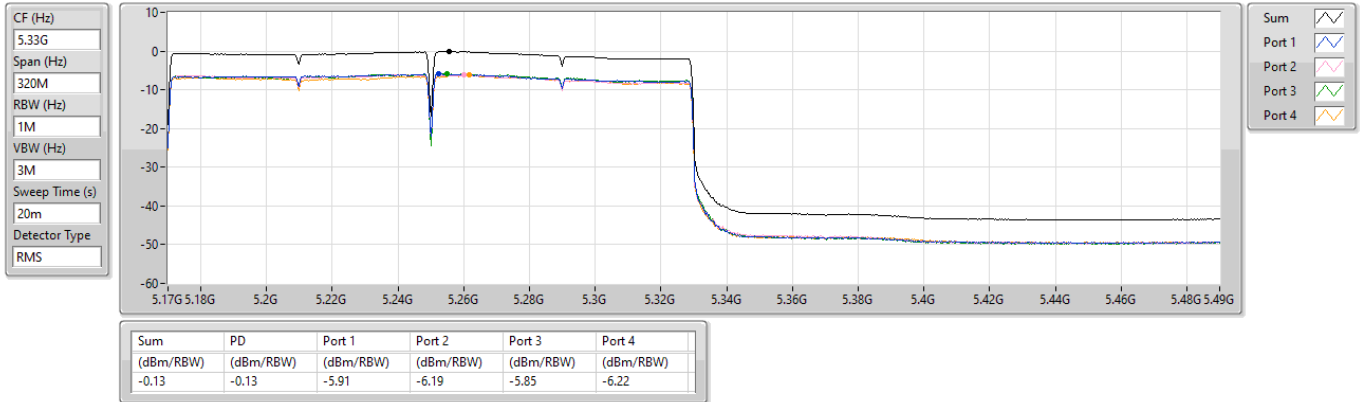
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.22	-0.22	-5.95	-5.98	-6.02	-6.59

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

21/05/2024



Test Mode: Mode 2
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS14)_1TX	-3.55
802.11be EHT160_Nss1,(MCS14)_2TX	-1.72
802.11be EHT160_Nss1,(MCS14)_4TX	-1.41
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.01
802.11a_Nss1,(6Mbps)_2TX	10.72
802.11a_Nss1,(6Mbps)_4TX	8.11
802.11be EHT20_Nss1,(MCS0)_1TX	8.77
802.11be EHT20_Nss1,(MCS0)_2TX	10.42
802.11be EHT20_Nss1,(MCS0)_4TX	8.05
802.11be EHT40_Nss1,(MCS0)_1TX	5.41
802.11be EHT40_Nss1,(MCS0)_2TX	7.54
802.11be EHT40_Nss1,(MCS0)_4TX	7.18
802.11be EHT80_Nss1,(MCS14)_1TX	0.63
802.11be EHT80_Nss1,(MCS14)_2TX	2.24
802.11be EHT80_Nss1,(MCS14)_4TX	2.50
802.11be EHT160_Nss1,(MCS14)_1TX	-2.58
802.11be EHT160_Nss1,(MCS14)_2TX	-1.62
802.11be EHT160_Nss1,(MCS14)_4TX	-1.12

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)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.73	9.01	-	-	-	9.01	11.00
5300MHz	Pass	5.73	8.53	-	-	-	8.53	11.00
5320MHz	Pass	5.73	8.37	-	-	-	8.37	11.00
802.11be EHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.73	8.60	-	-	-	8.60	11.00
5300MHz	Pass	5.73	8.77	-	-	-	8.77	11.00
5320MHz	Pass	5.73	7.73	-	-	-	7.73	11.00
802.11be EHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.73	5.41	-	-	-	5.41	11.00
5310MHz	Pass	5.73	4.97	-	-	-	4.97	11.00
802.11be EHT80_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.73	0.63	-	-	-	0.63	11.00
802.11be EHT160_Nss1,(MCS14)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.21	-3.55	-	-	-	-3.55	16.79
5250MHz Straddle 5.25-5.35GHz	Pass	5.73	-2.58	-	-	-	-2.58	11.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.22	7.56	8.06	-	-	10.72	10.78
5300MHz	Pass	6.22	7.38	7.59	-	-	10.43	10.78
5320MHz	Pass	6.22	7.30	7.33	-	-	10.31	10.78
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.22	7.23	7.65	-	-	10.42	10.78
5300MHz	Pass	6.22	7.10	7.31	-	-	10.14	10.78
5320MHz	Pass	6.22	7.00	7.04	-	-	9.92	10.78
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.22	4.55	4.79	-	-	7.54	10.78
5310MHz	Pass	6.22	4.15	4.27	-	-	7.07	10.78
802.11be EHT80_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.22	-0.80	-0.44	-	-	2.24	10.78
802.11be EHT160_Nss1,(MCS14)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.68	-5.13	-4.18	-	-	-1.72	16.32
5250MHz Straddle 5.25-5.35GHz	Pass	6.22	-4.53	-4.48	-	-	-1.62	10.78
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.73	2.00	2.50	1.78	2.36	8.11	8.27
5300MHz	Pass	8.73	1.96	2.31	1.81	1.82	7.91	8.27
5320MHz	Pass	8.73	1.95	2.08	1.96	1.73	7.86	8.27
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.73	2.03	2.43	1.71	2.24	8.05	8.27
5300MHz	Pass	8.73	1.92	1.98	1.56	1.83	7.77	8.27
5320MHz	Pass	8.73	1.93	1.84	1.83	1.77	7.81	8.27
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.73	1.37	1.65	0.99	1.18	7.18	8.27
5310MHz	Pass	8.73	0.33	0.43	0.44	0.28	6.27	8.27
802.11be EHT80_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.73	-3.24	-3.34	-3.43	-3.51	2.50	8.27
802.11be EHT160_Nss1,(MCS14)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.67	-7.55	-6.77	-7.82	-7.08	-1.41	14.33
5250MHz Straddle 5.25-5.35GHz	Pass	8.73	-6.74	-6.91	-7.15	-7.24	-1.12	8.27

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;

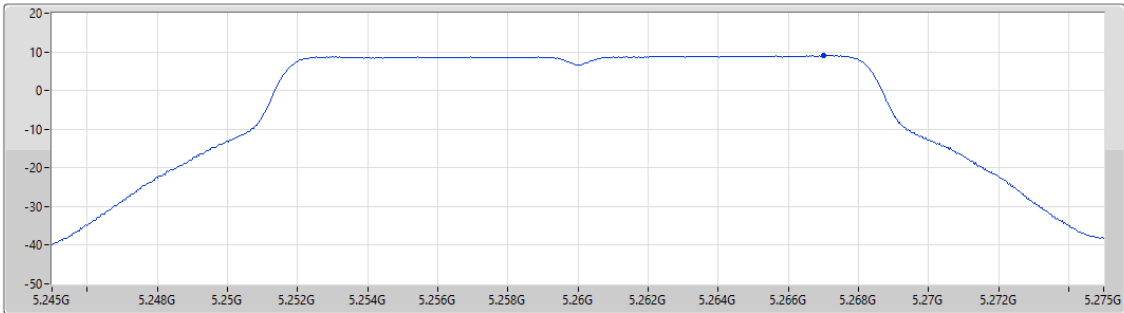
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

21/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.01	9.01	9.01

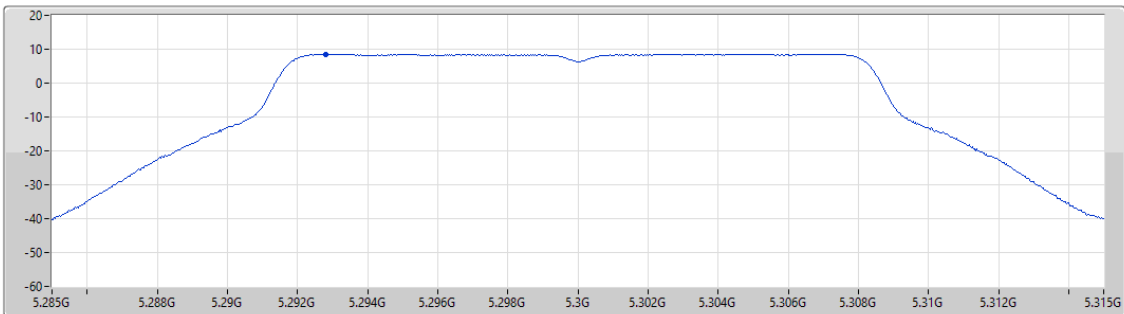
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

21/05/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.53	8.53	8.53

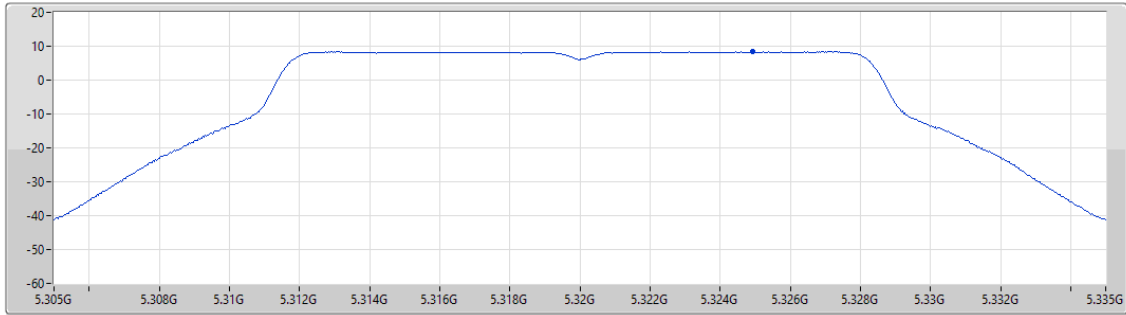
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

21/05/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.37	8.37	8.37

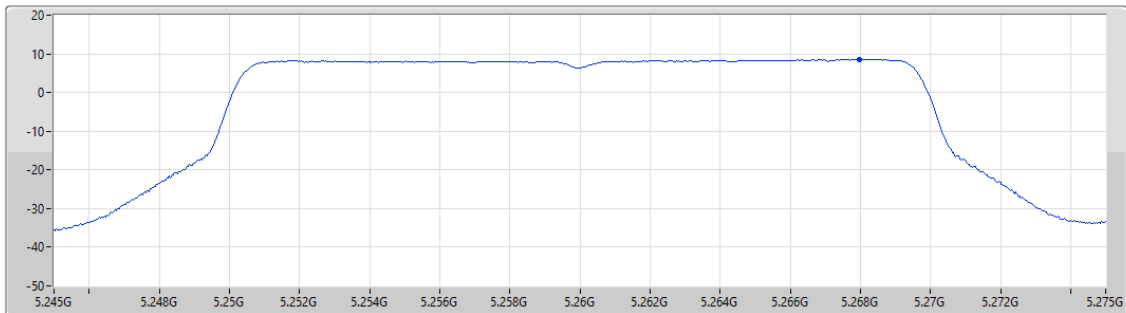
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

21/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



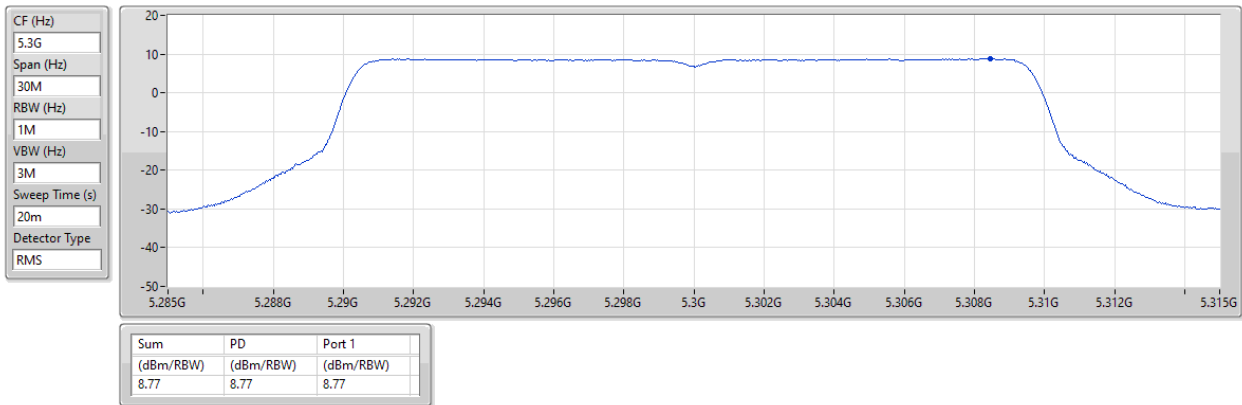
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.60	8.60	8.60

5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

21/05/2024

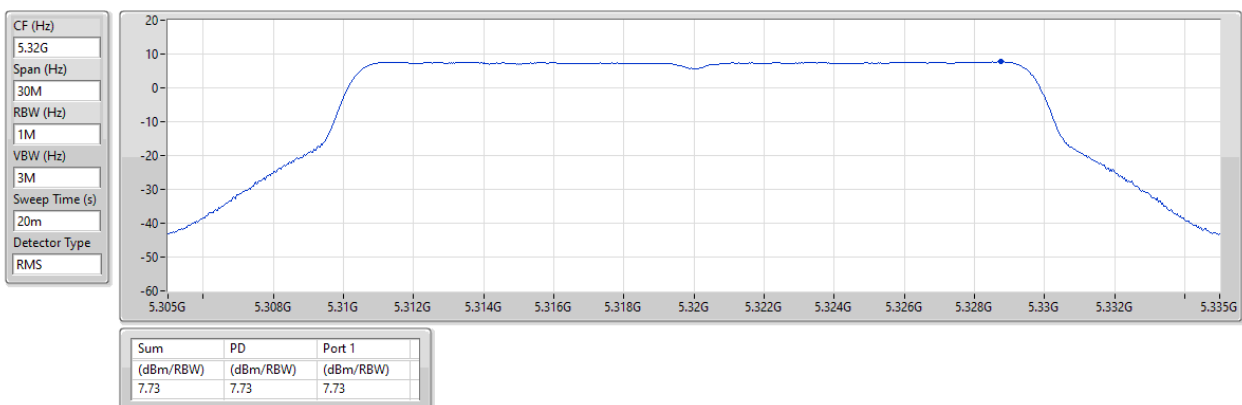


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

21/05/2024

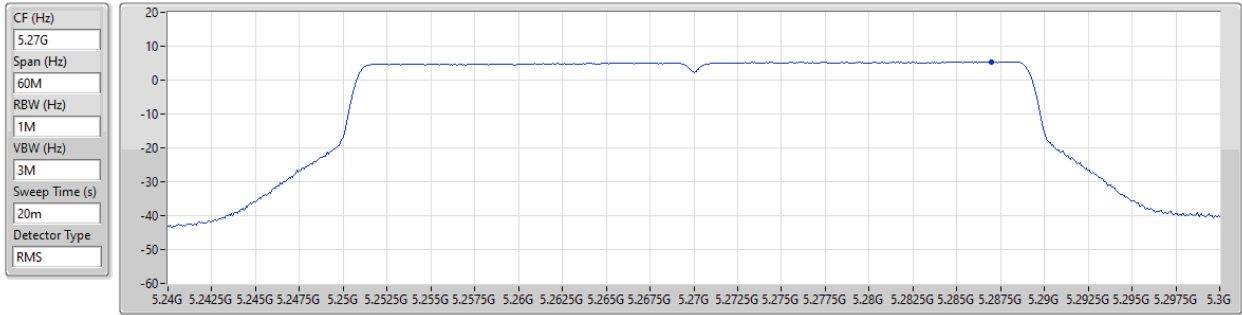


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

21/05/2024



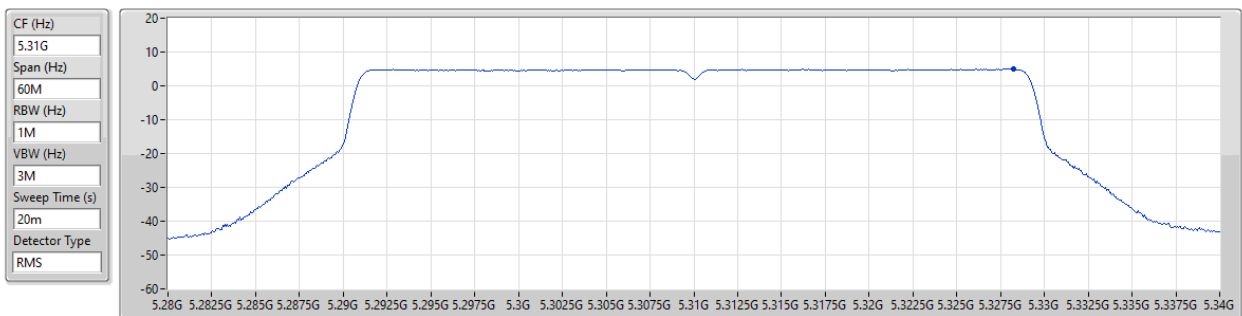
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.41	5.41	5.41

5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

22/05/2024



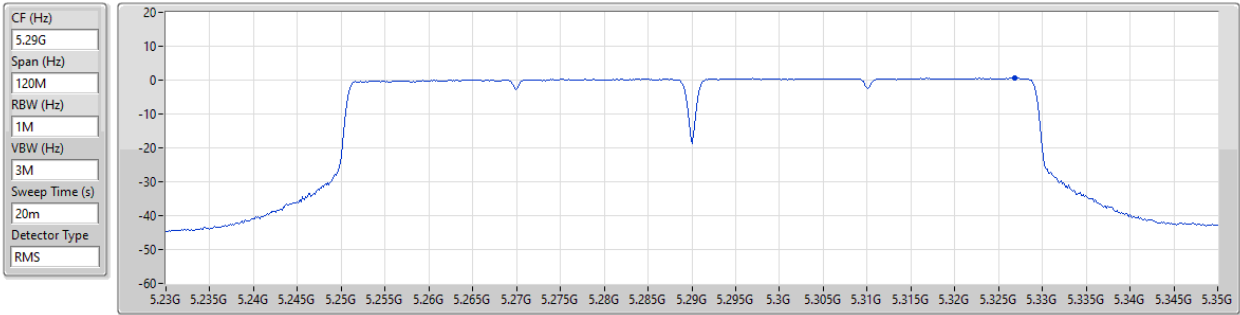
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	4.97

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_1TX

PSD

5290MHz

22/05/2024

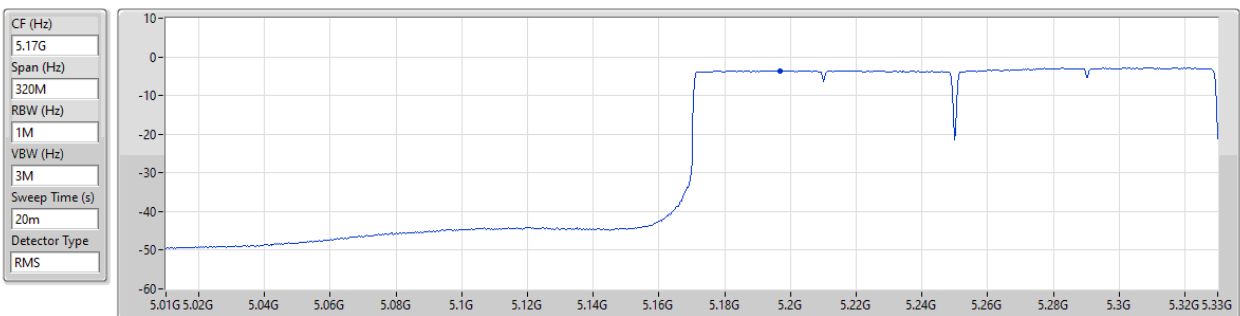


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

22/05/2024

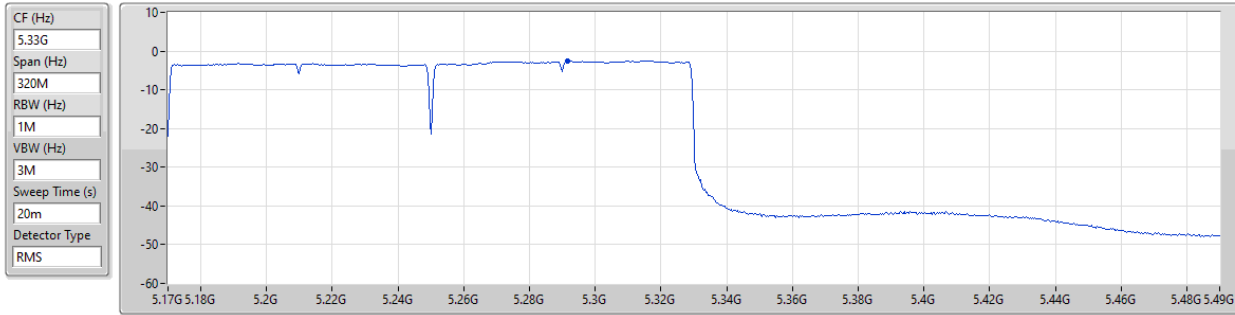


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

22/05/2024



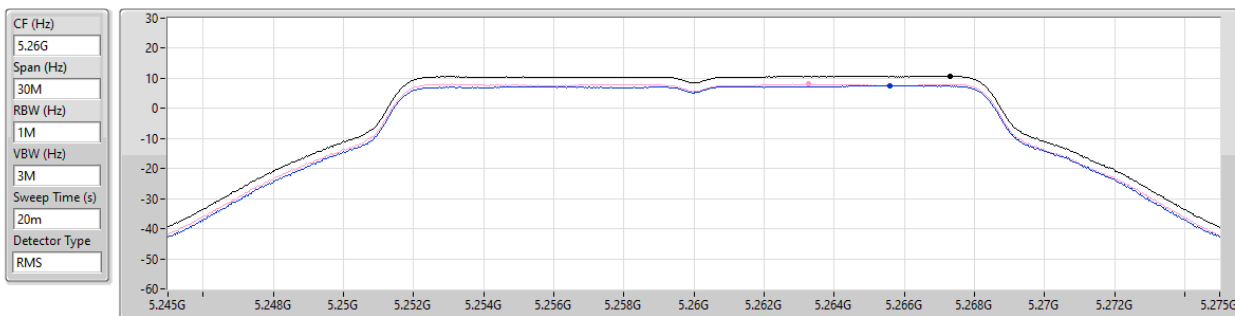
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.58	-2.58	-2.58

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

PSD

5260MHz

21/05/2024



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.72	10.72	7.56	8.06

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

PSD

5300MHz

21/05/2024

CF (Hz)
5.3G

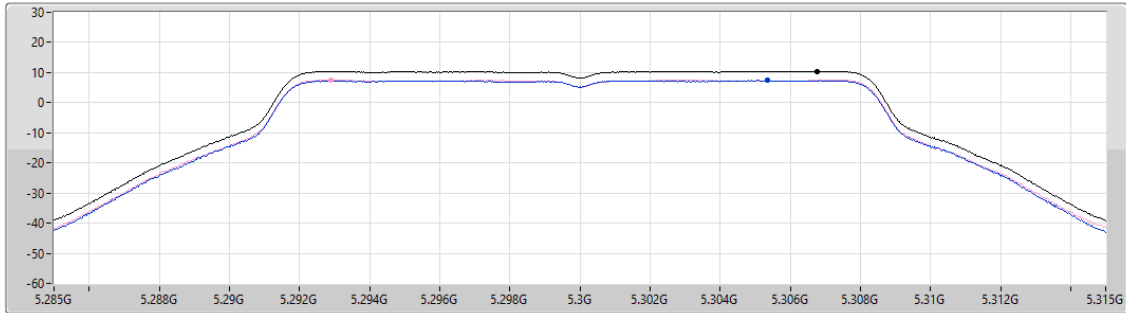
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.43	10.43	7.38	7.59

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

PSD

5320MHz

21/05/2024

CF (Hz)
5.32G

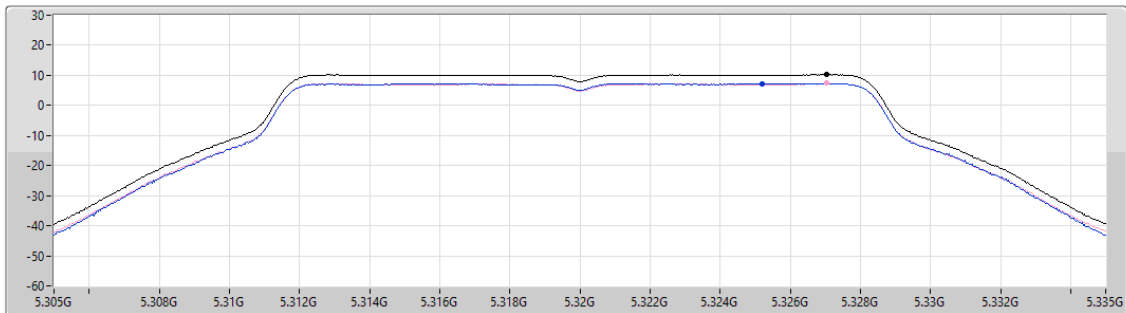
Span (Hz)
30M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
20m

Detector Type
RMS



Sum 

Port 1 

Port 2 

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.31	10.31	7.30	7.33

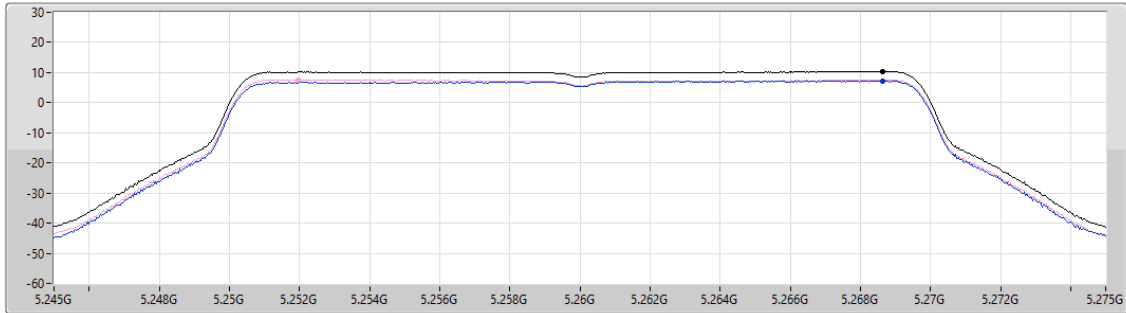
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5260MHz

21/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



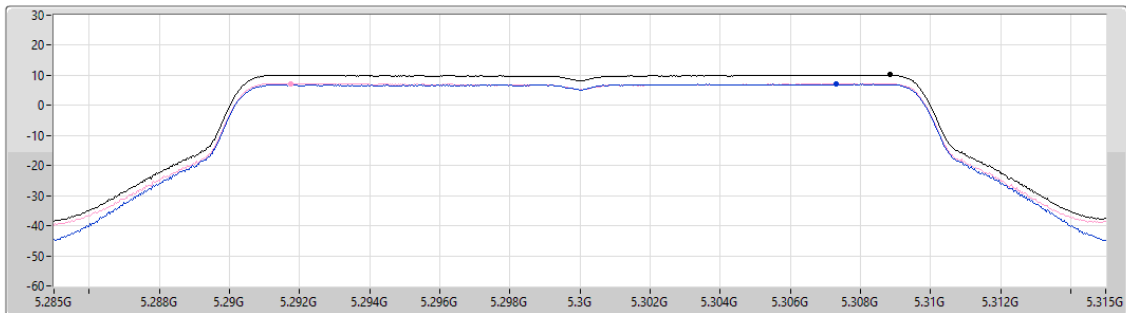
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

21/05/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



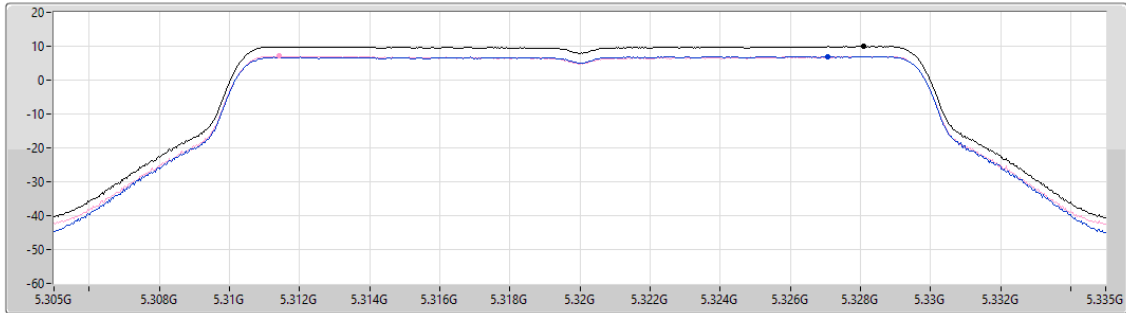
5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

21/05/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
9.92	9.92	7.00	7.04

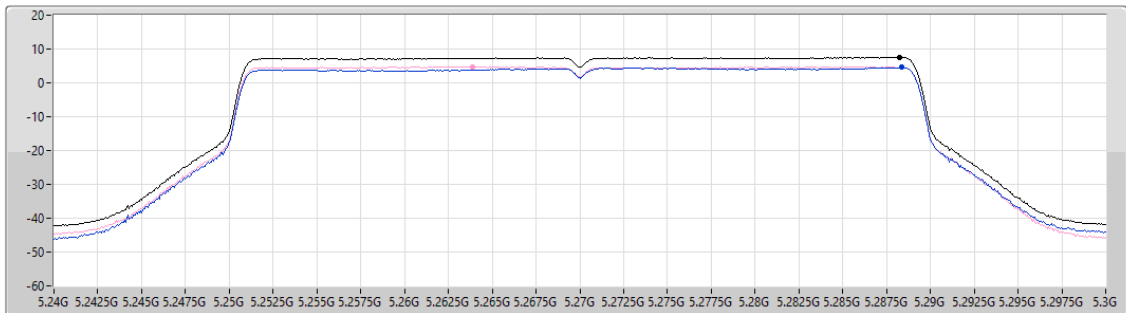
5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

22/05/2024

CF (Hz)
5.27G
Span (Hz)
60M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2

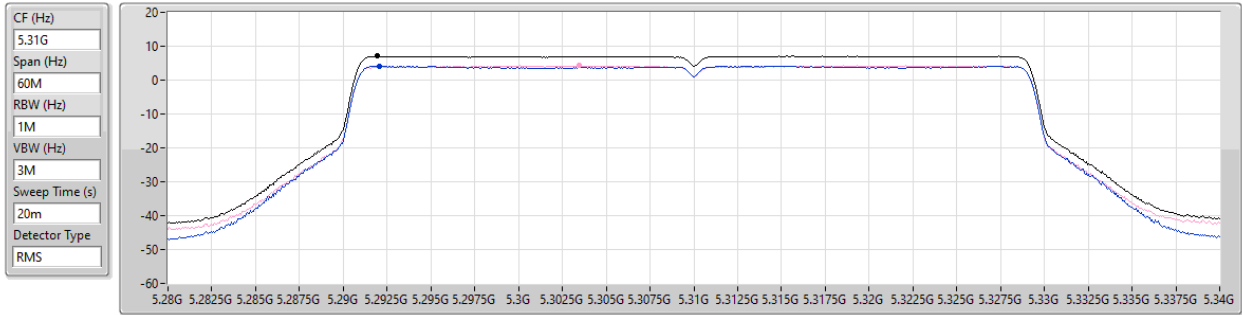
Sum (dBm/Hz)	PD (dBm/Hz)	Port 1 (dBm/Hz)	Port 2 (dBm/Hz)
7.54	7.54	4.55	4.79

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

PSD

5310MHz

22/05/2024



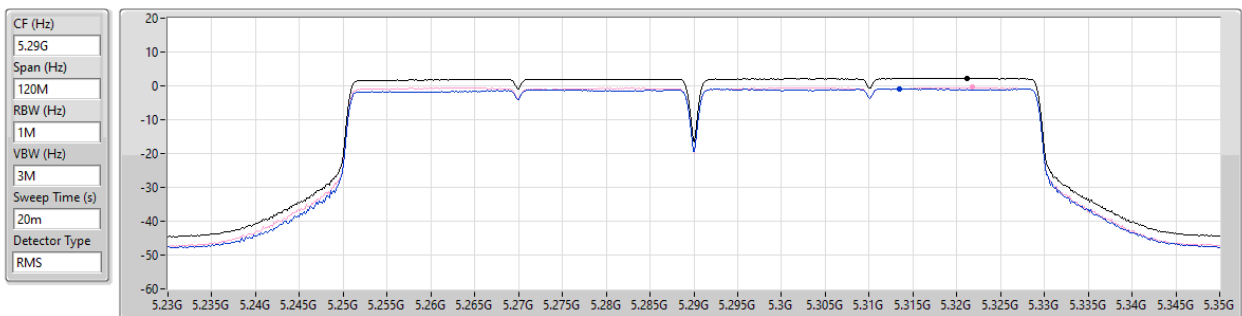
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.07	7.07	4.15	4.27

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_2TX

PSD

5290MHz

22/05/2024



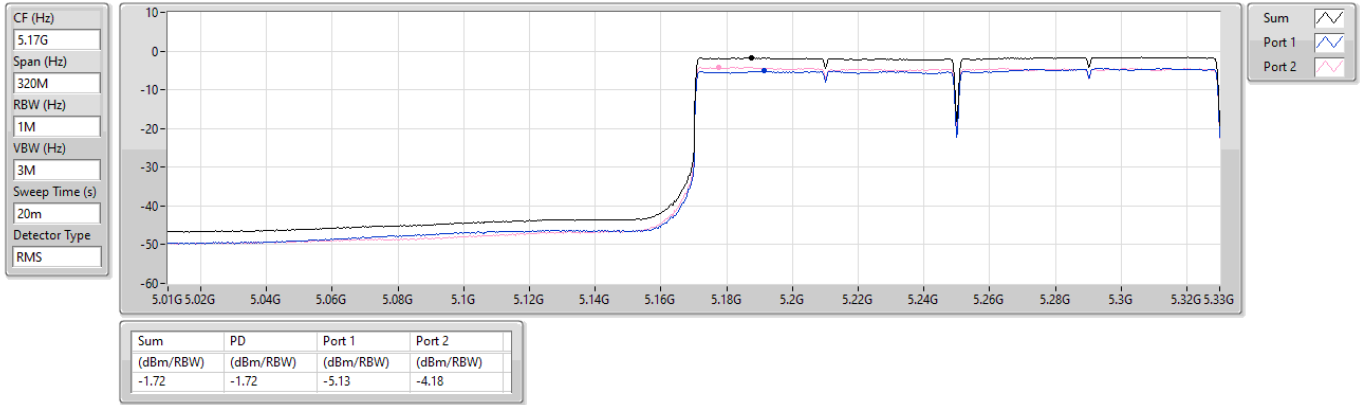
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.24	2.24	-0.80	-0.44

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

22/05/2024

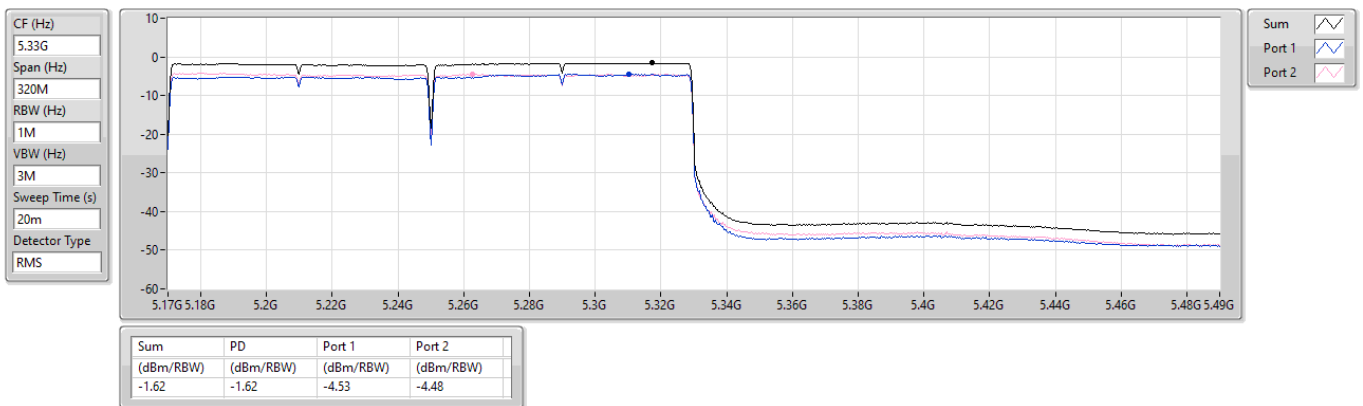


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

22/05/2024



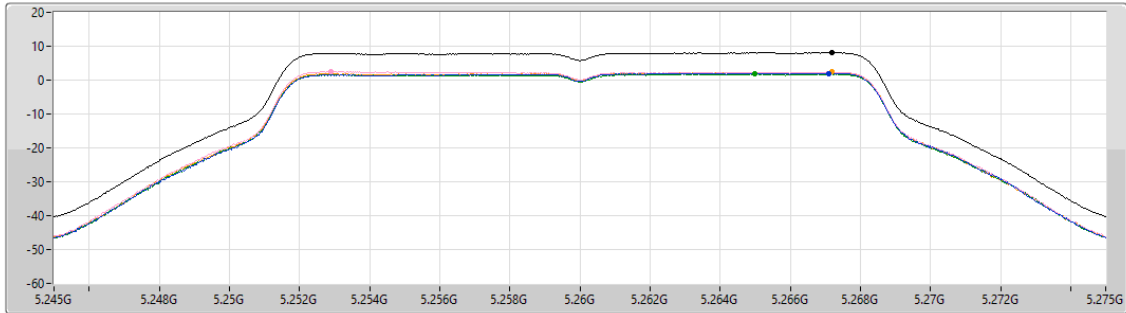
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

21/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.11	8.11	2.00	2.50	1.78	2.36

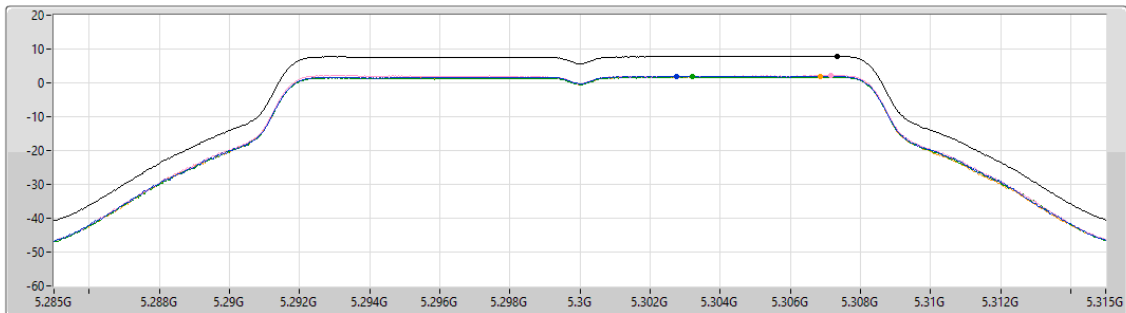
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

21/05/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



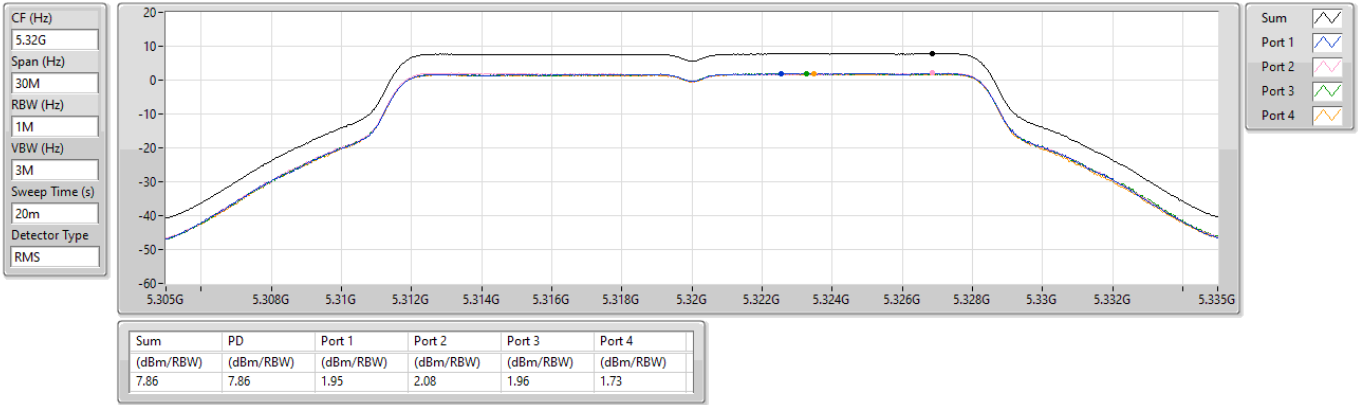
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.91	7.91	1.96	2.31	1.81	1.82

5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

21/05/2024

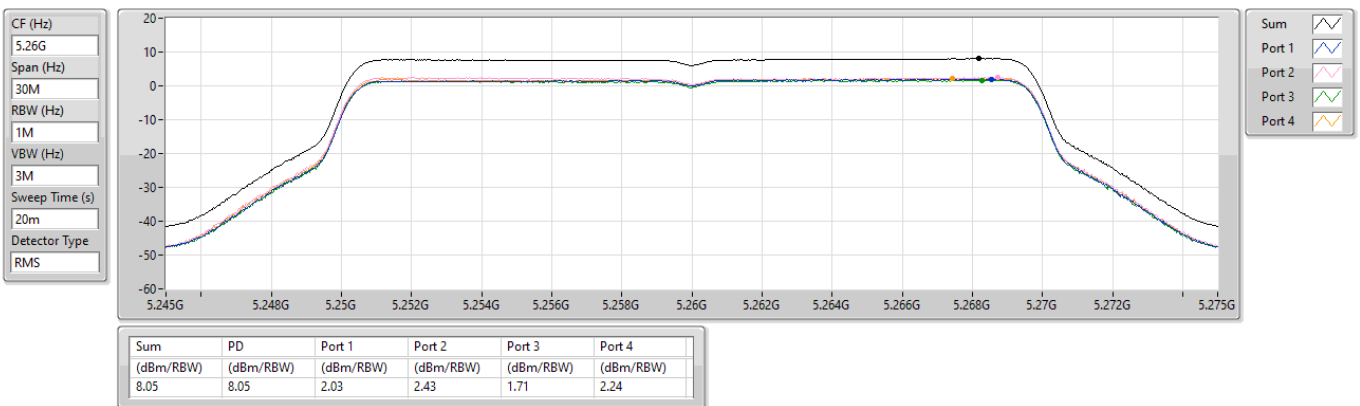


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

21/05/2024

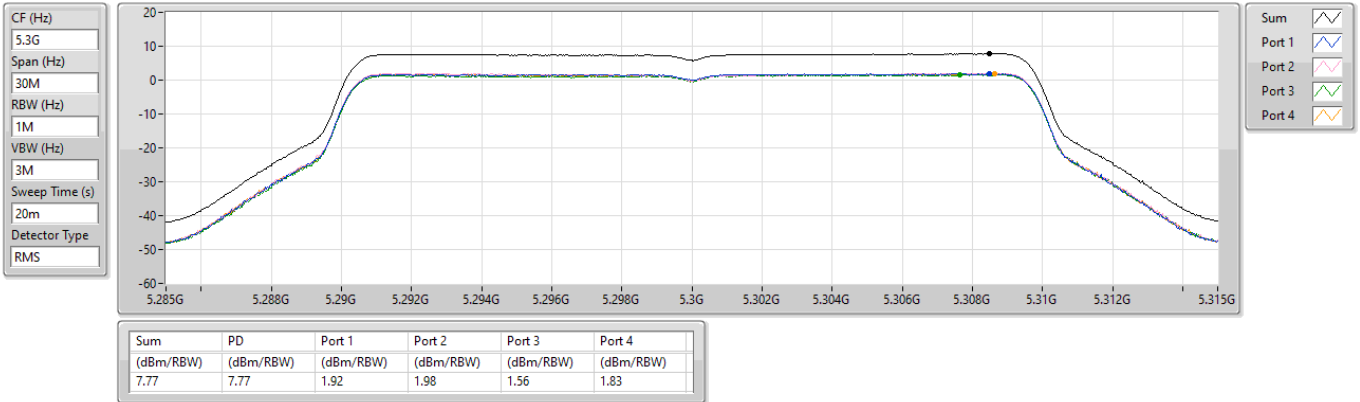


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

21/05/2024

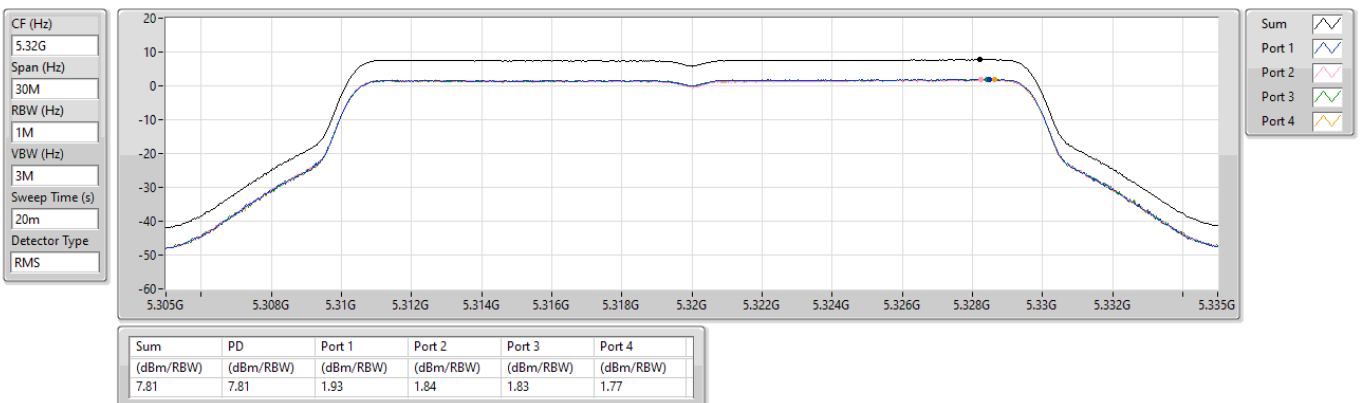


5.25-5.35GHz_802.11be EHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

21/05/2024

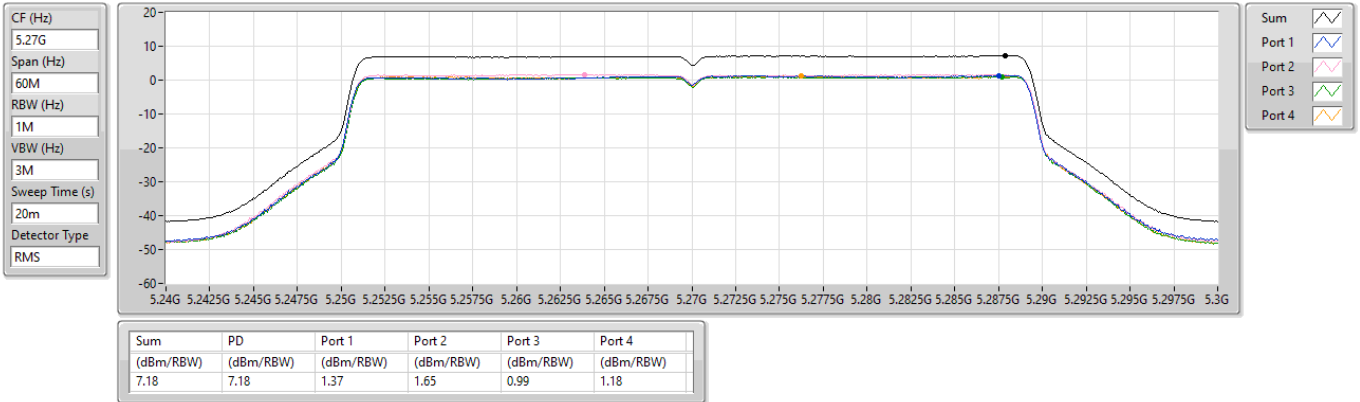


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

22/05/2024

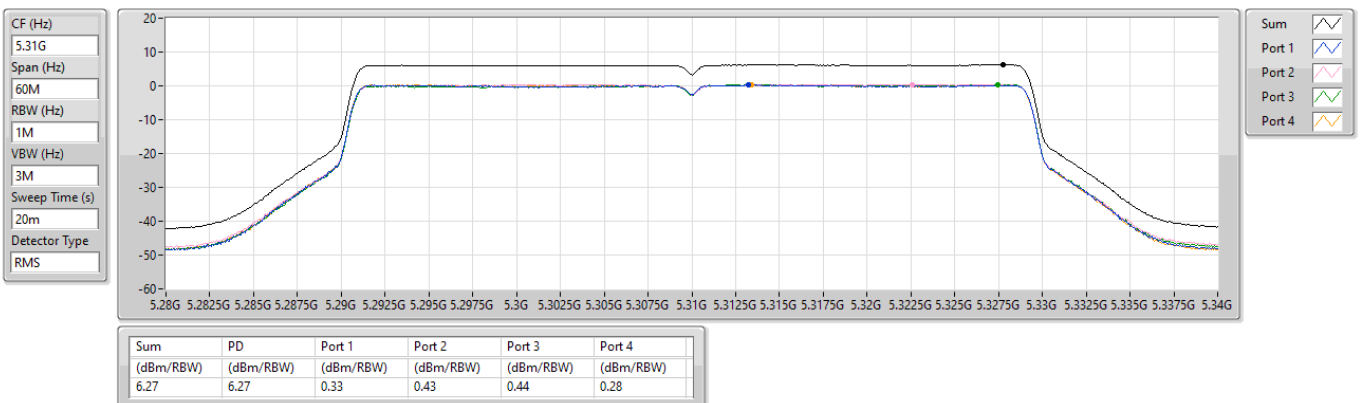


5.25-5.35GHz_802.11be EHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

22/05/2024



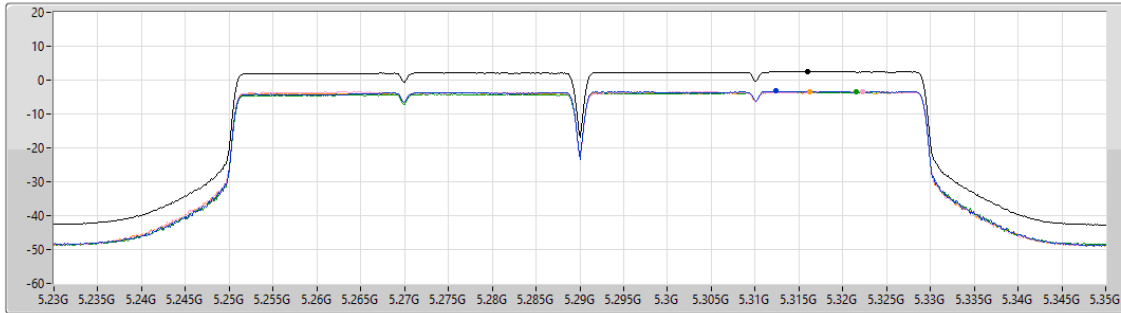
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14)_4TX

PSD

5290MHz

22/05/2024

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.50	2.50	-3.24	-3.34	-3.43	-3.51

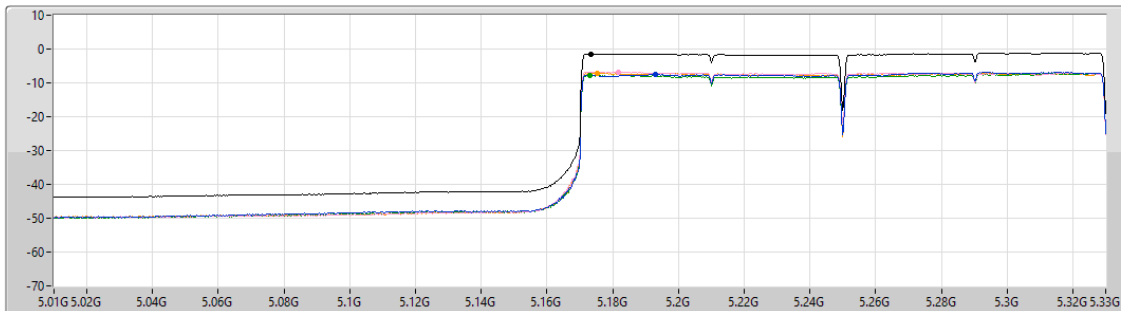
5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

22/05/2024

CF (Hz)
5.17G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

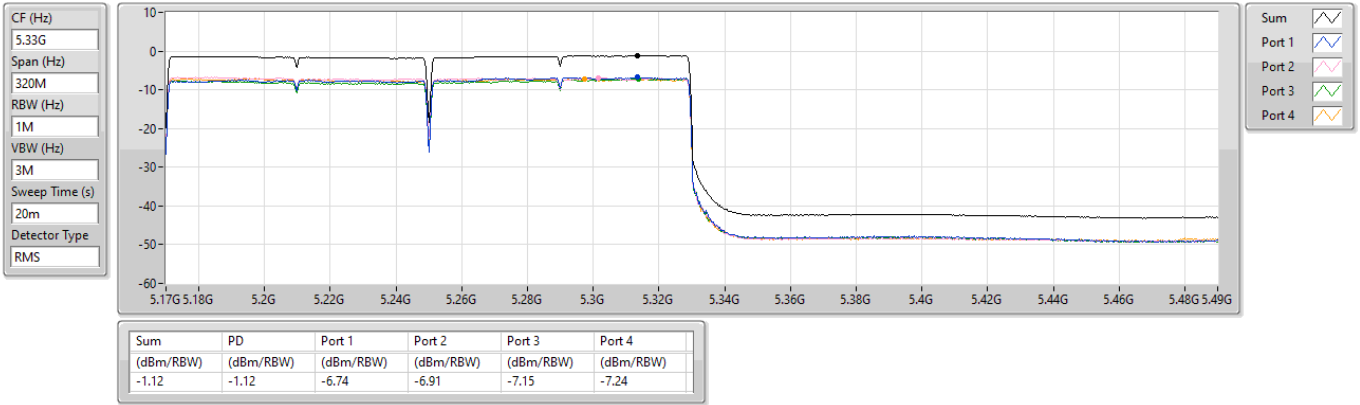
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.41	-1.41	-7.55	-6.77	-7.82	-7.08

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

22/05/2024



Test Mode: Mode 3

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-5.08
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.08
802.11ax HEW20_Nss1,(MCS0)_1TX	7.51
802.11ax HEW40_Nss1,(MCS0)_1TX	4.78
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.37
802.11ax HEW160_Nss1,(MCS0)_1TX	-3.94

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	4.57	8.08	8.08	11.00
5300MHz	Pass	4.57	8.03	8.03	11.00
5320MHz	Pass	4.57	5.85	5.85	11.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.57	7.49	7.49	11.00
5300MHz	Pass	4.57	7.51	7.51	11.00
5320MHz	Pass	4.57	5.49	5.49	11.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	4.57	4.78	4.78	11.00
5310MHz	Pass	4.57	0.96	0.96	11.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	4.57	-2.37	-2.37	11.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.93	-5.08	-5.08	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.57	-3.94	-3.94	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.

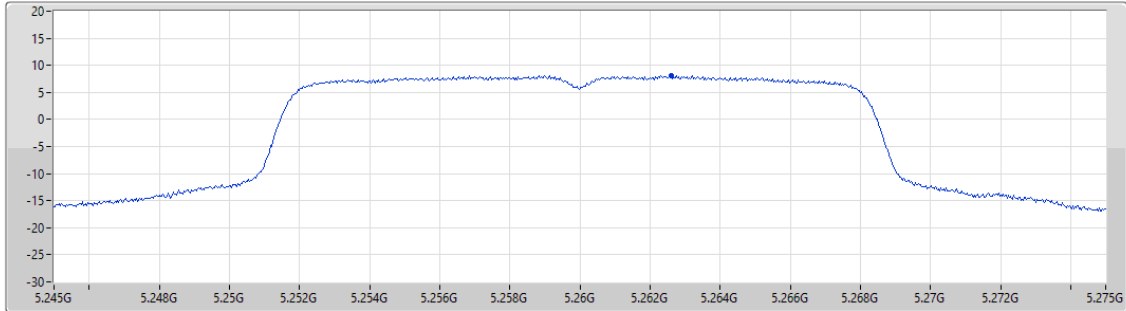
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

17/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20.446
Detector Type
RMS



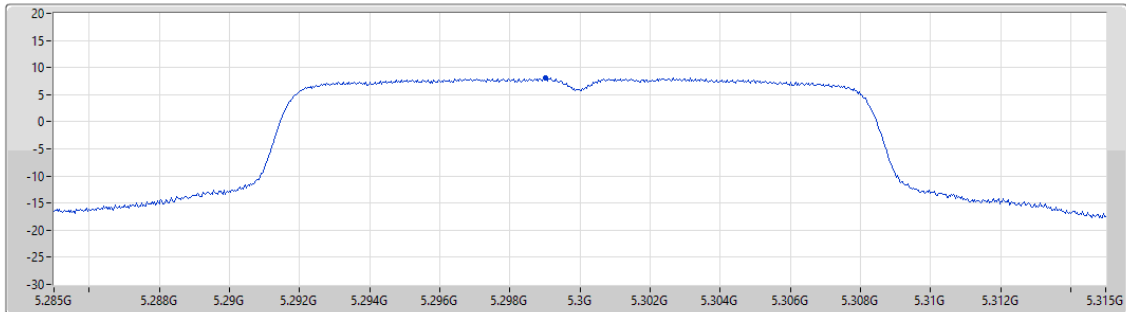
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

17/05/2024

CF (Hz)
5.3G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20.446
Detector Type
RMS



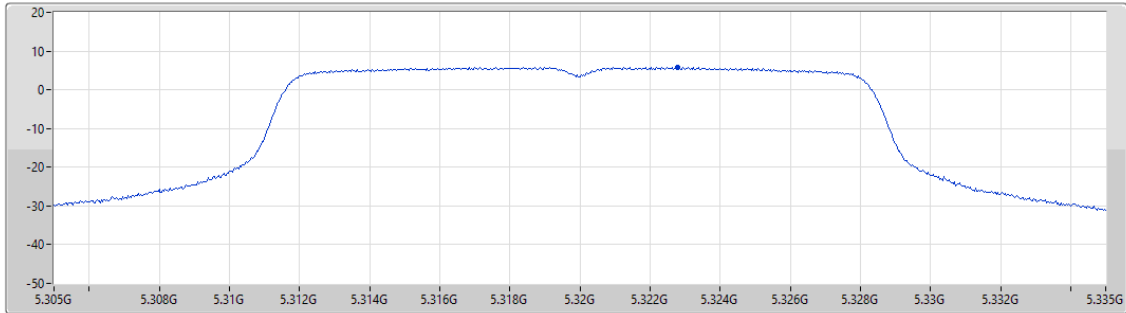
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

17/05/2024

CF (Hz)
5.32G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20.446
Detector Type
RMS



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.85	5.85	5.85

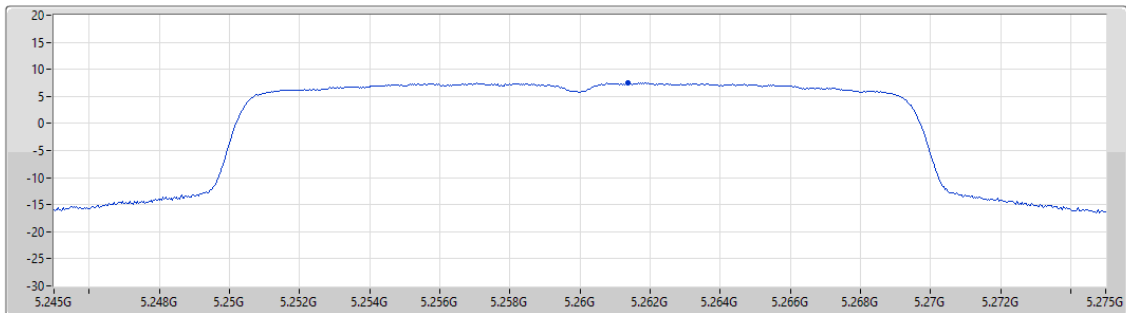
5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

17/05/2024

CF (Hz)
5.26G
Span (Hz)
30M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



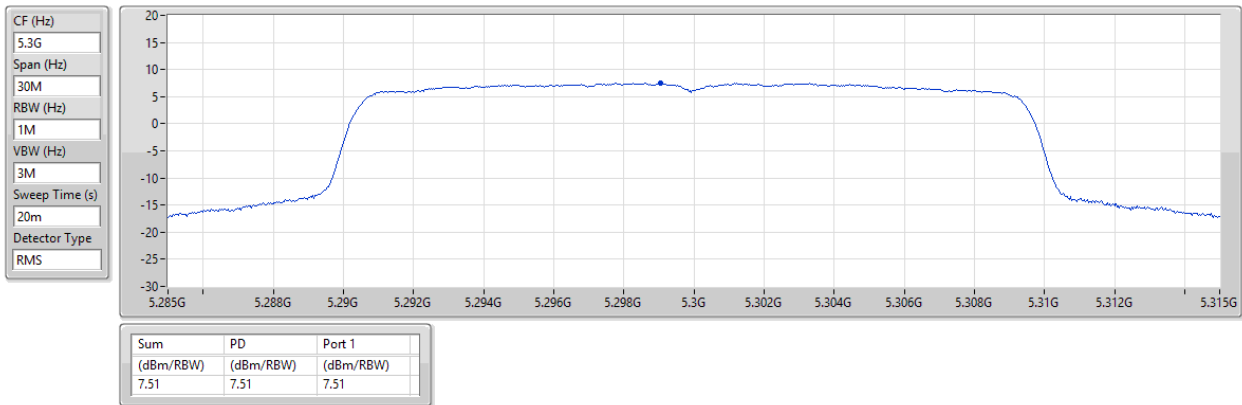
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.49	7.49	7.49

5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

17/05/2024

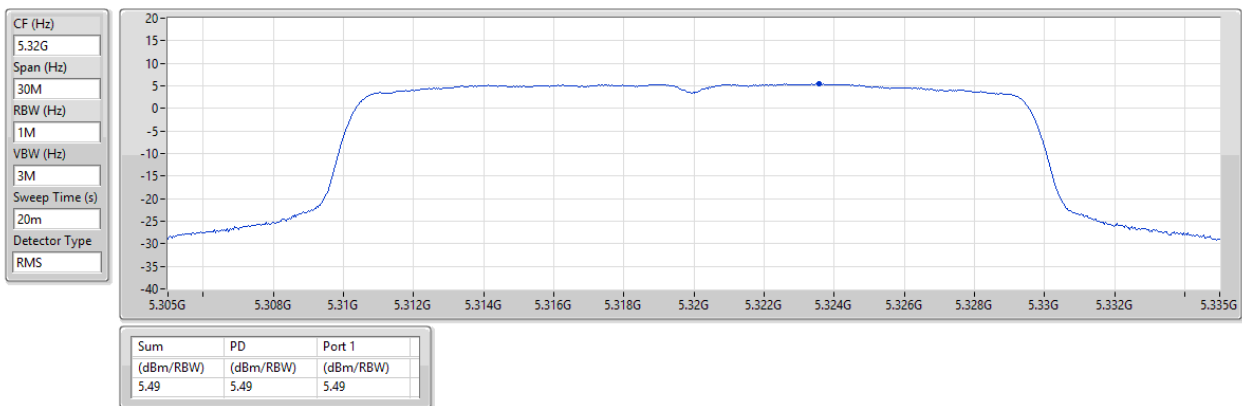


5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

17/05/2024

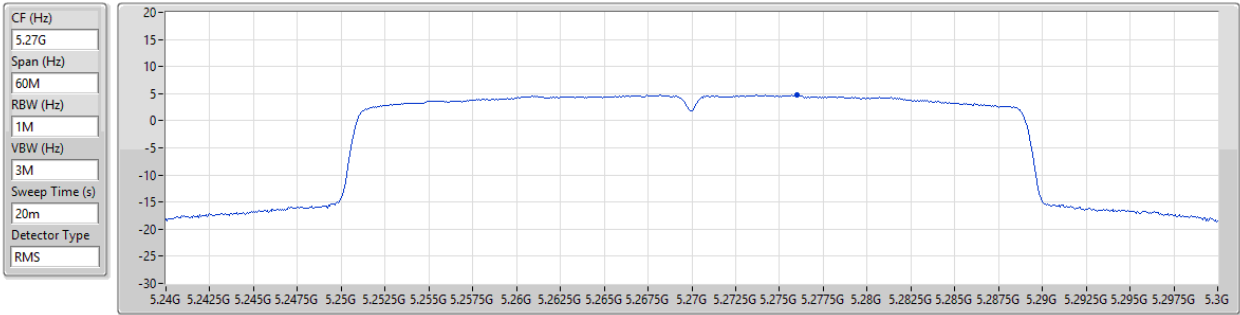


5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

17/05/2024



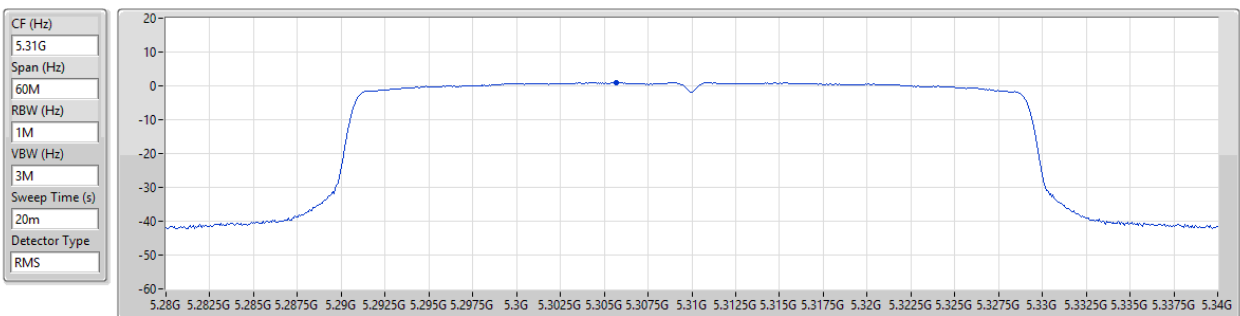
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.78	4.78	4.78

5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

17/05/2024



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.96	0.96	0.96

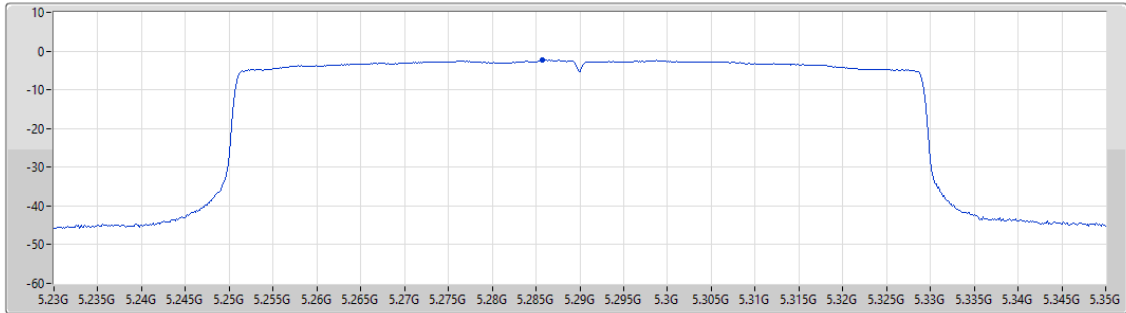
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

17/05/2024

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.37	-2.37	-2.37

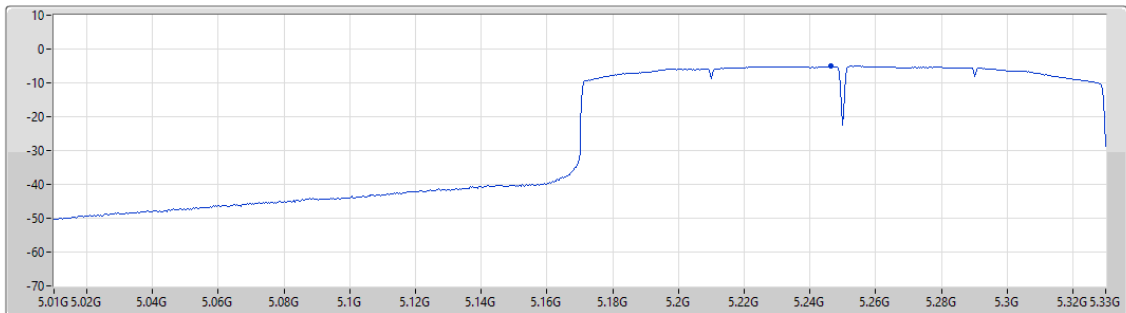
5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

17/05/2024

CF (Hz)
5.17G
Span (Hz)
320M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20m
Detector Type
RMS



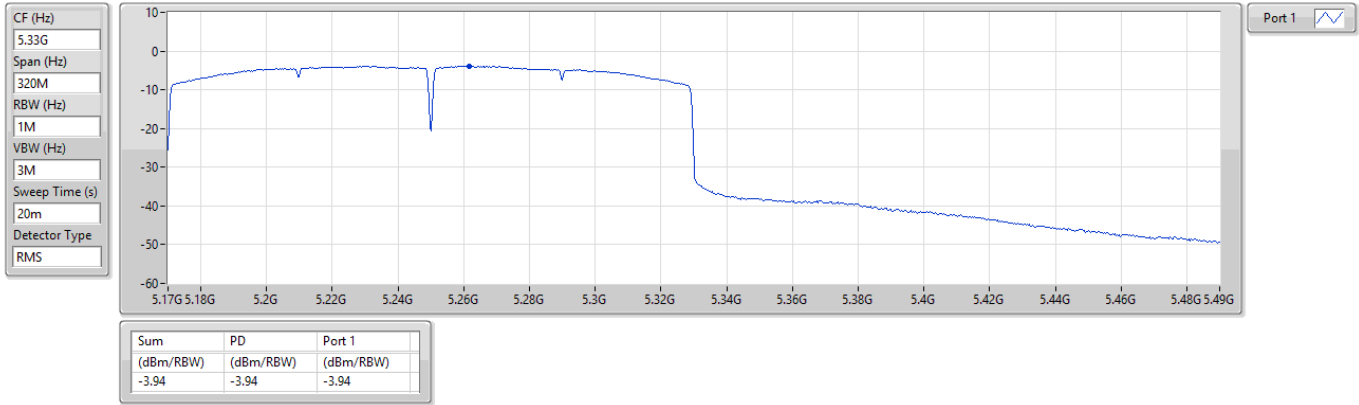
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-5.08	-5.08	-5.08

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

17/05/2024



Test Mode: Mode 4

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX	-3.79
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	0.07
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	-3.69

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	-	-	-	-	-
5290MHz	Pass	5.70	0.07	0.07	11.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX	-	-	-	-	-
5290MHz	Pass	5.70	-0.05	-0.05	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-4.15	-4.15	16.48
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-3.94	-3.94	16.48
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-3.79	-3.79	16.48
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-3.69	-3.69	11.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-3.77	-3.77	11.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-4.73	-4.73	11.00

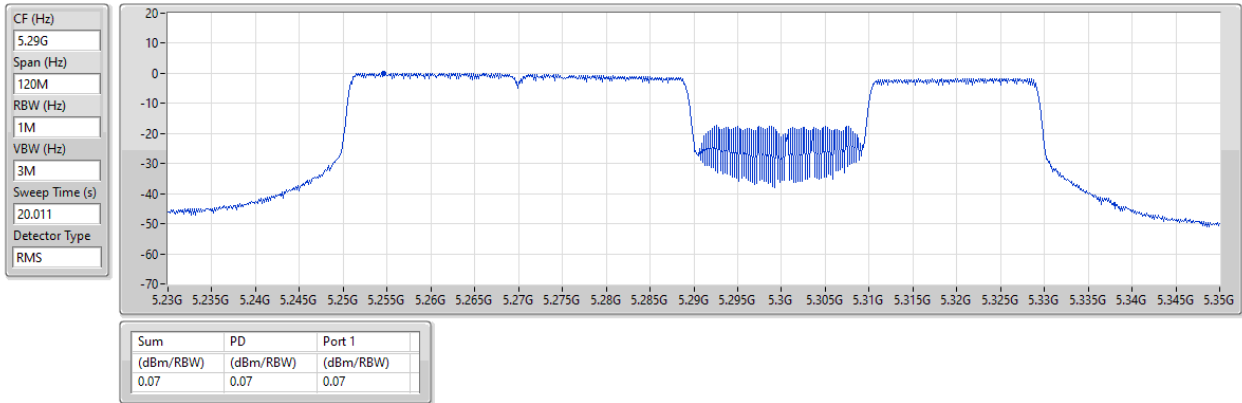
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX

PSD

5290MHz

09/07/2024

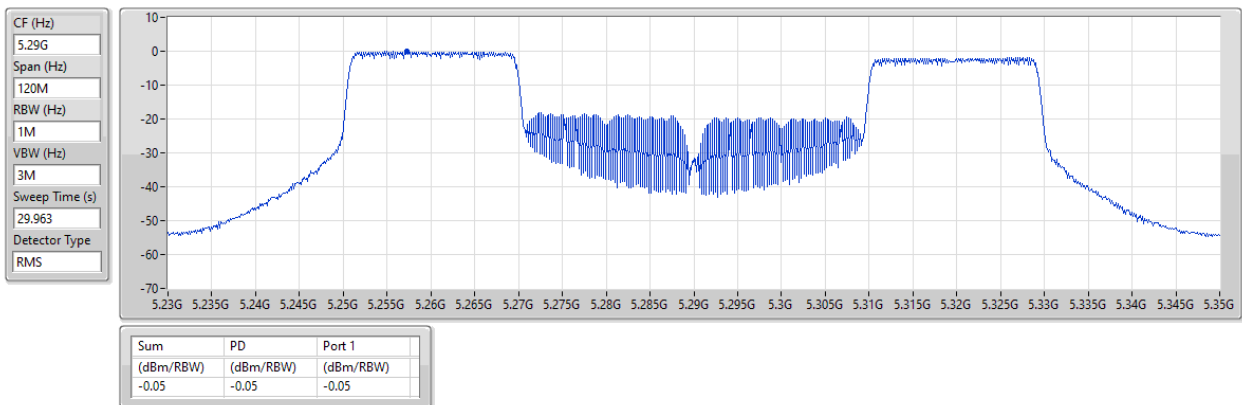


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX

PSD

5290MHz

09/07/2024

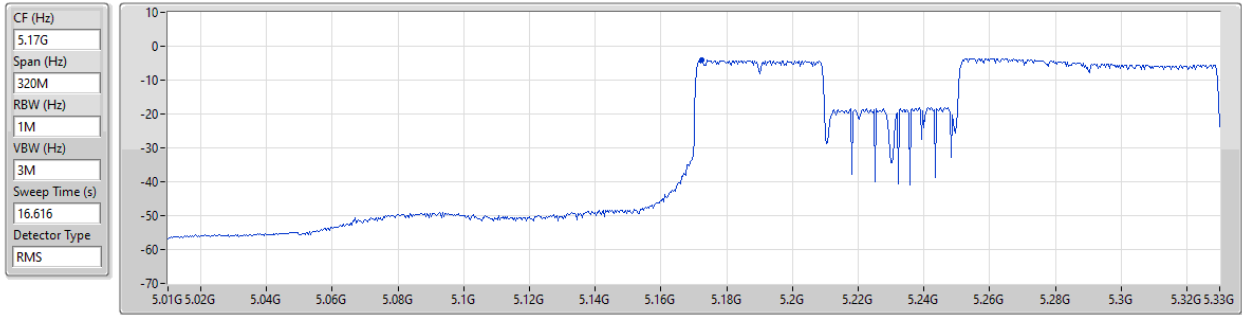


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024



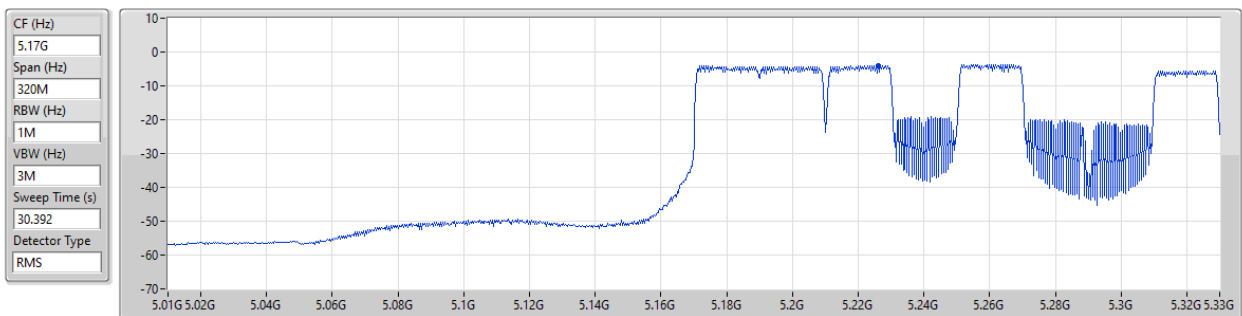
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.15	-4.15	-4.15

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024



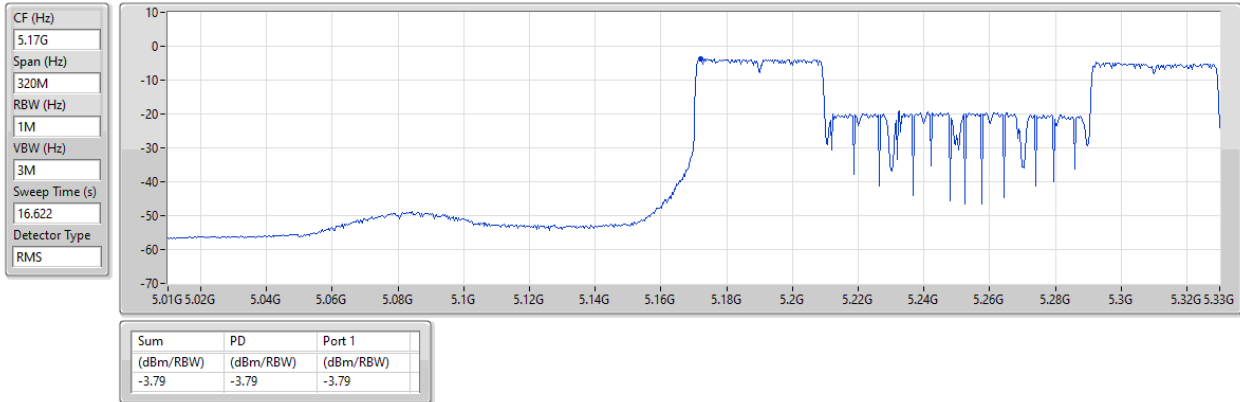
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.94	-3.94	-3.94

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024

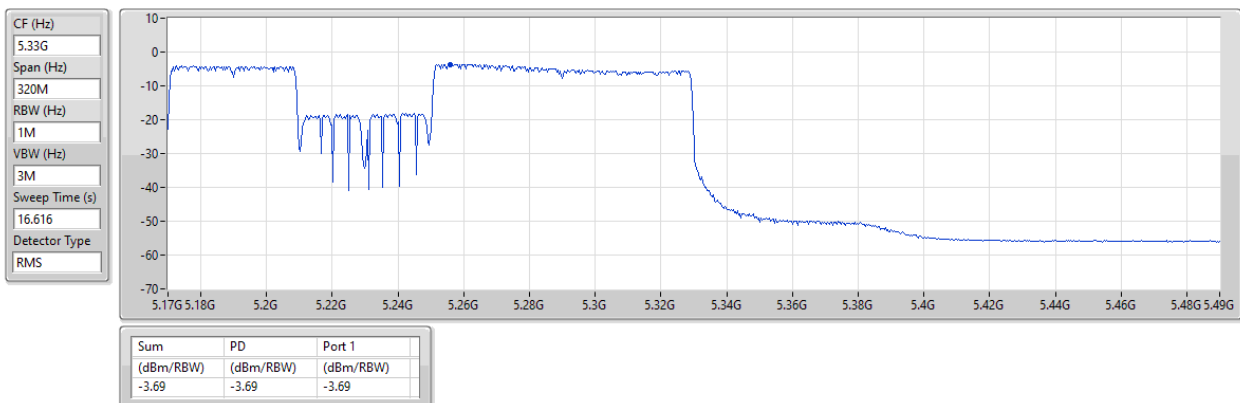


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024

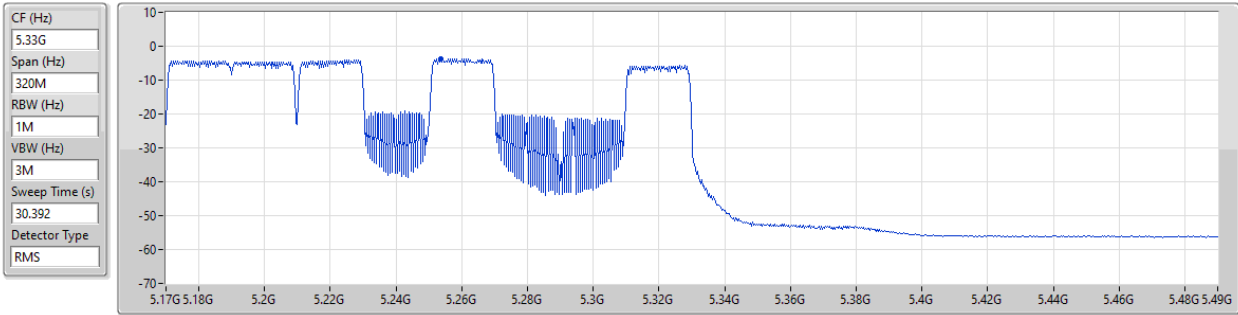


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024



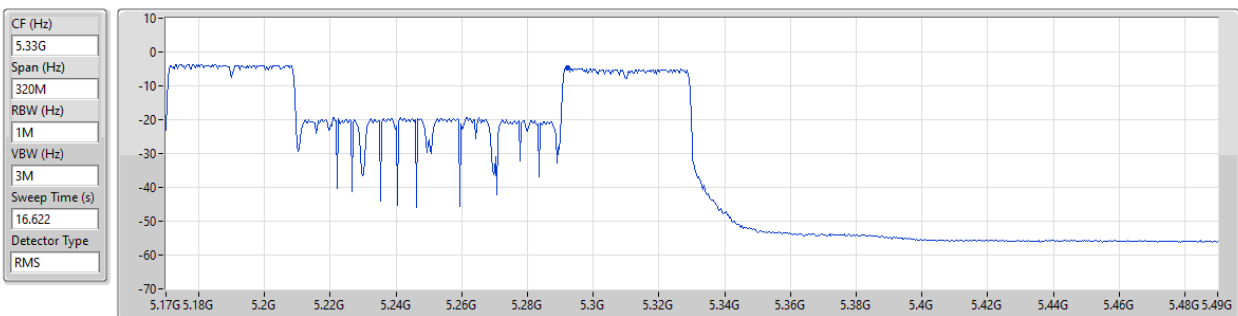
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.77	-3.77	-3.77

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.73	-4.73	-4.73

Test Mode: Mode 5**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-1.63
5.25-5.35GHz	-
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX	2.14
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX	-1.84

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5290MHz	Pass	5.70	-1.11	-0.51	2.14	11.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5290MHz	Pass	5.70	-1.19	-0.70	2.00	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-5.80	-4.97	-2.35	16.48
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-5.30	-4.55	-2.14	16.48
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-5.03	-4.19	-1.63	16.48
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-5.25	-4.68	-2.07	11.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-4.98	-4.41	-1.84	11.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-5.90	-5.29	-2.71	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.

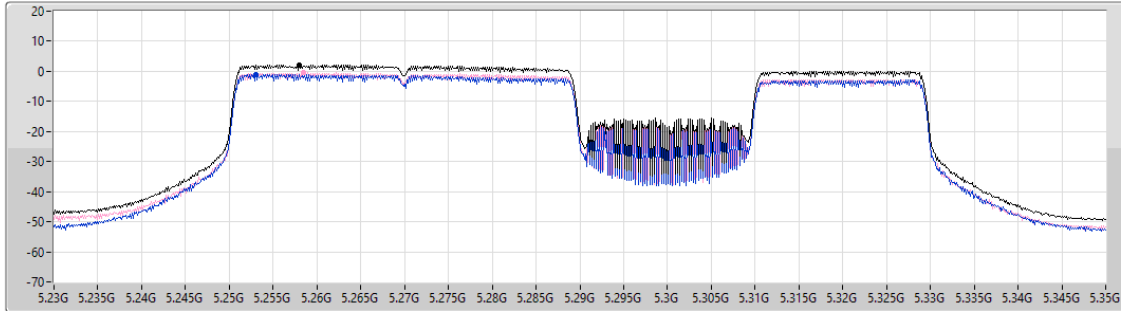
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX

PSD

5290MHz

09/07/2024

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
20.011
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.14	2.14	-1.11	-0.51

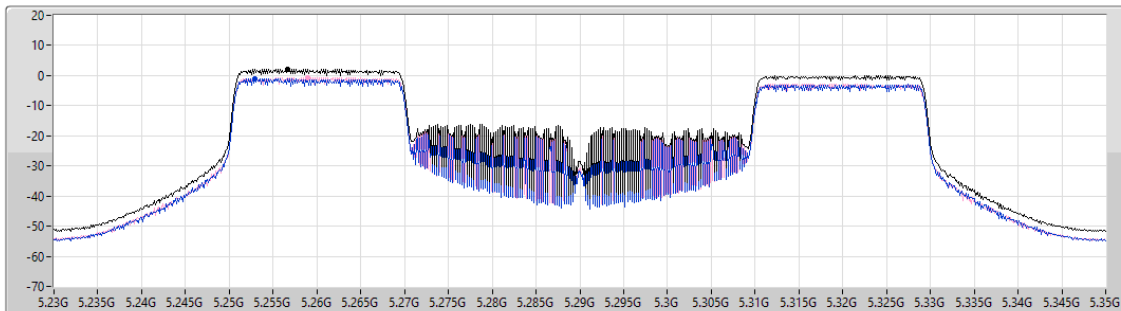
5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX

PSD

5290MHz

09/07/2024

CF (Hz)
5.29G
Span (Hz)
120M
RBW (Hz)
1M
VBW (Hz)
3M
Sweep Time (s)
29.963
Detector Type
RMS



Sum
Port 1
Port 2

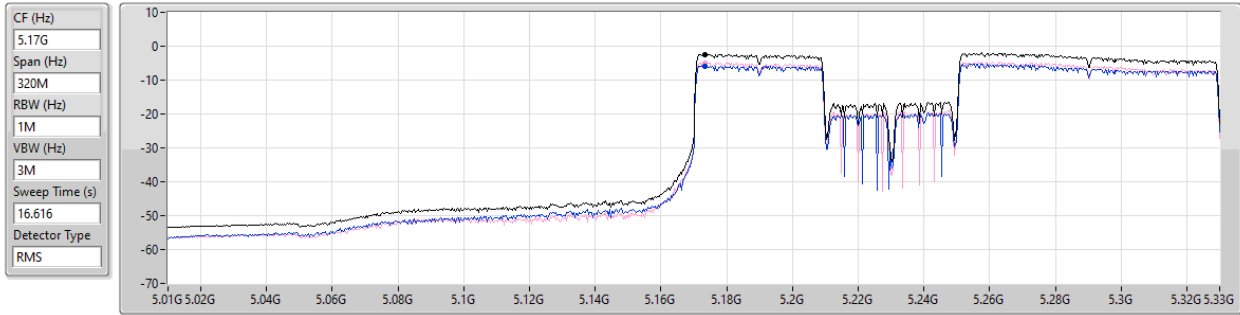
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.00	2.00	-1.19	-0.70

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024



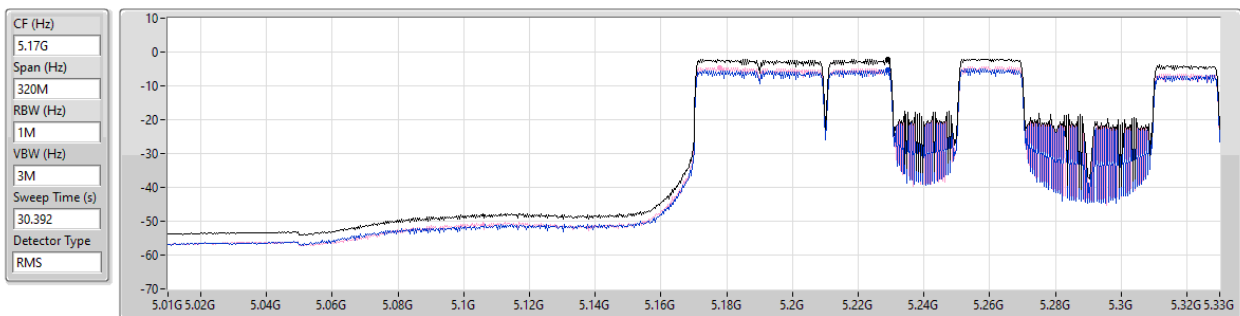
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.35	-2.35	-5.80	-4.97

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024



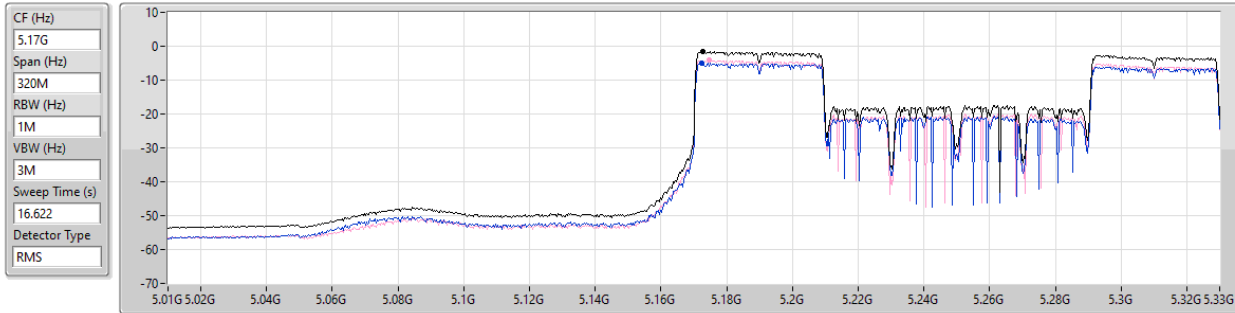
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.14	-2.14	-5.30	-4.55

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024



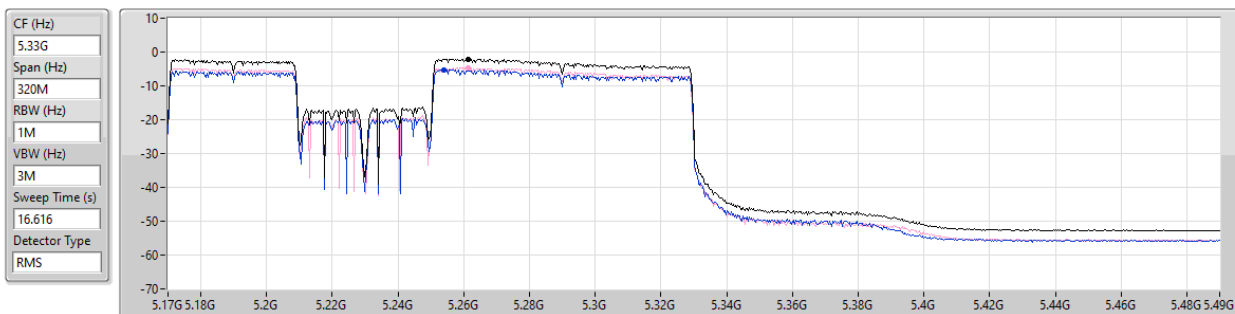
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.63	-1.63	-5.03	-4.19

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024



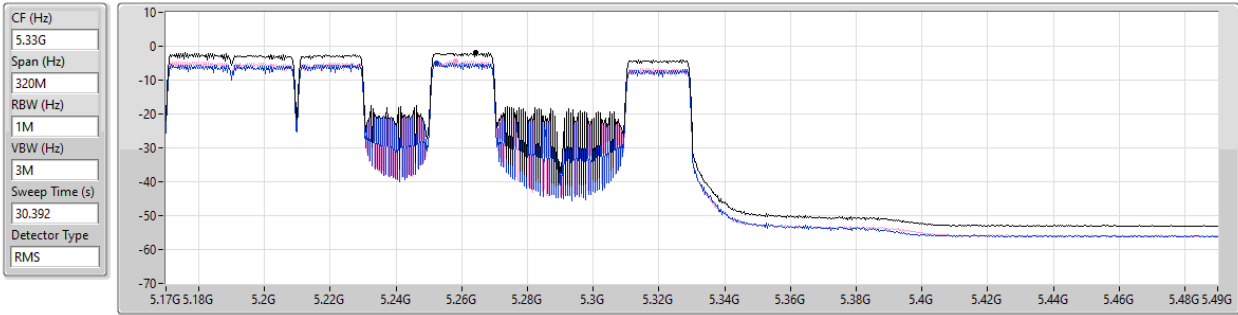
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.07	-2.07	-5.25	-4.68

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024

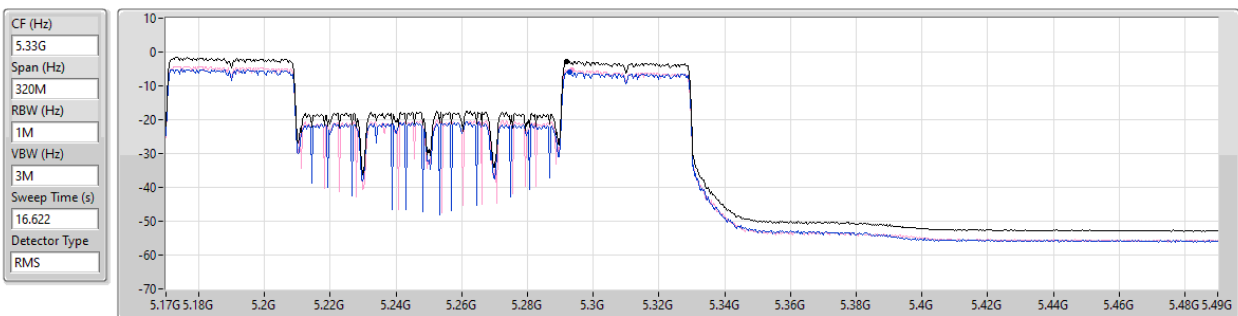


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024



Test Mode: Mode 6**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-2.14
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	3.29
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-1.71

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.25	-2.90	-2.51	-2.92	-2.71	3.06	8.75
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.25	-2.67	-2.15	-2.71	-2.28	3.29	8.75
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.28	-8.30	-7.38	-8.70	-7.96	-2.14	14.72
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.28	-9.07	-8.75	-9.44	-9.15	-3.46	14.72
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.28	-9.35	-9.03	-9.92	-9.45	-3.45	14.72
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	8.25	-7.81	-7.17	-7.82	-7.43	-1.71	8.75
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	8.25	-8.77	-8.61	-8.83	-8.64	-3.01	8.75
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	8.25	-10.34	-9.98	-10.51	-10.24	-4.42	8.75

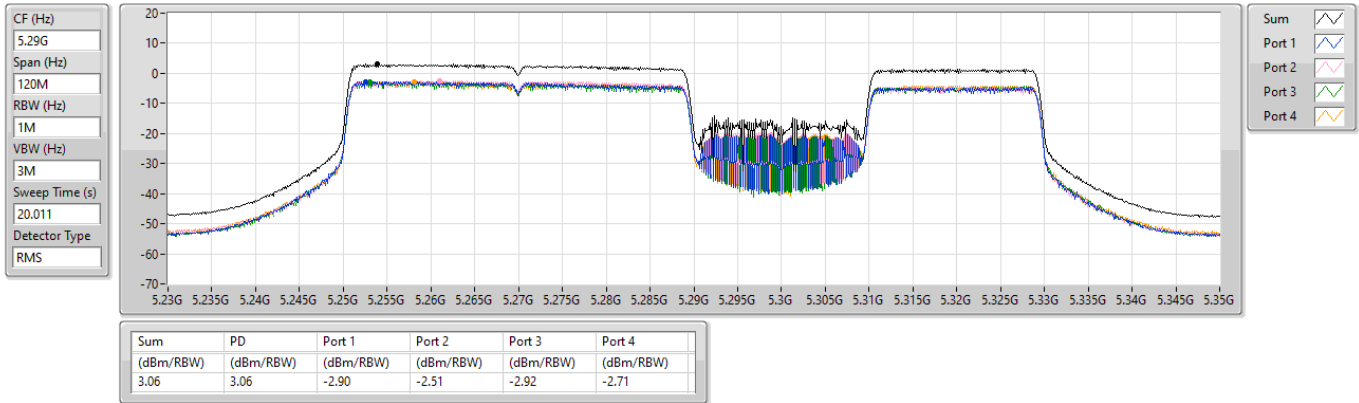
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX

PSD

5290MHz

09/07/2024

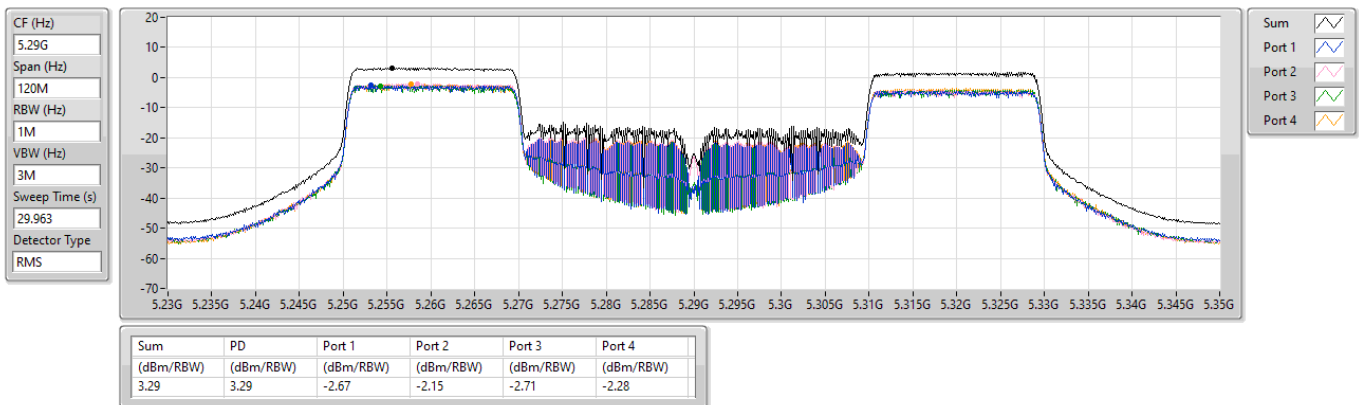


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5290MHz

09/07/2024

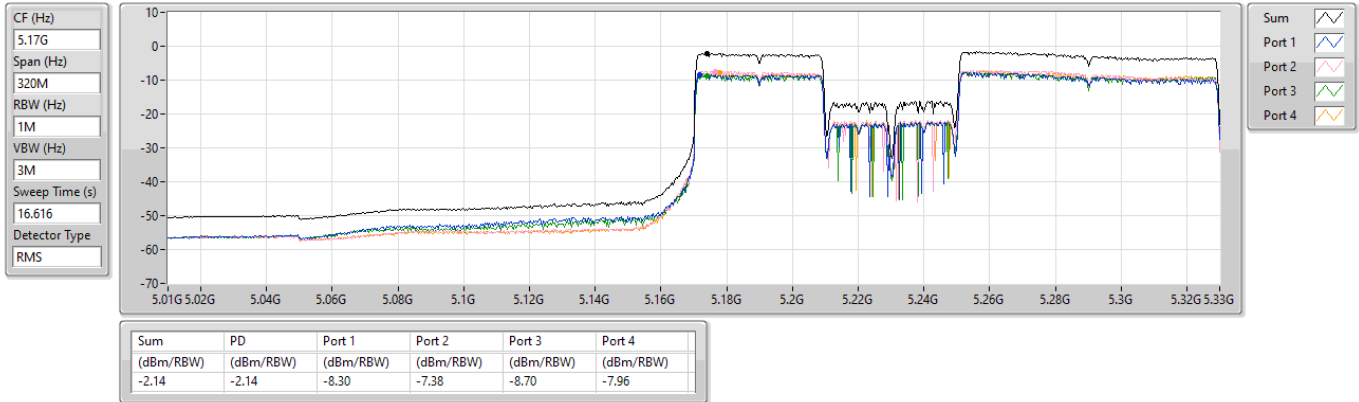


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024

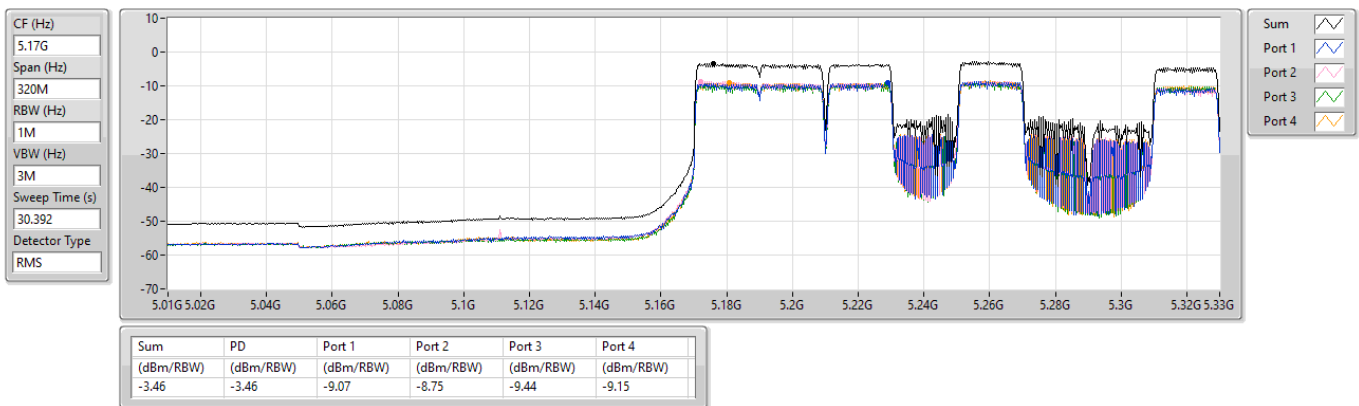


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024

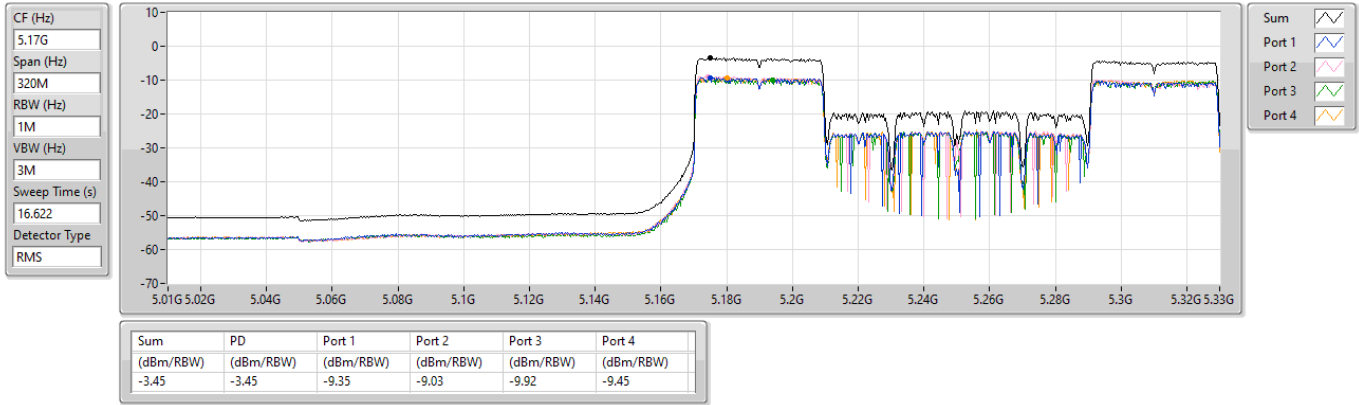


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024

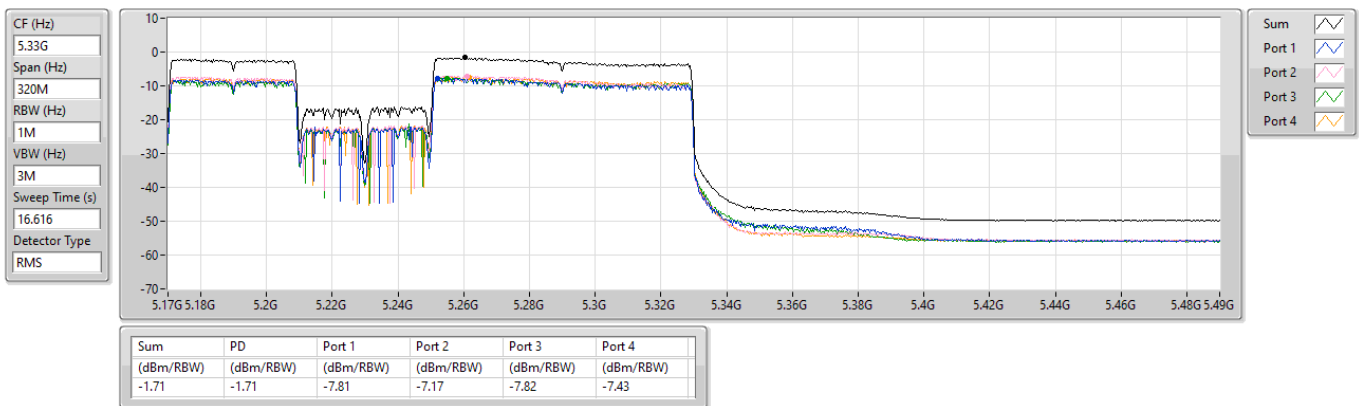


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024

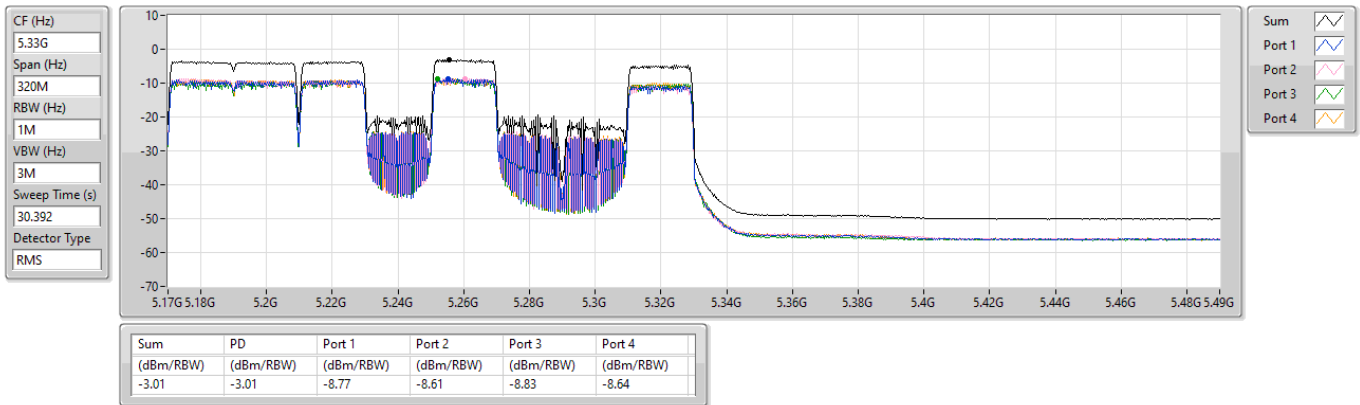


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024

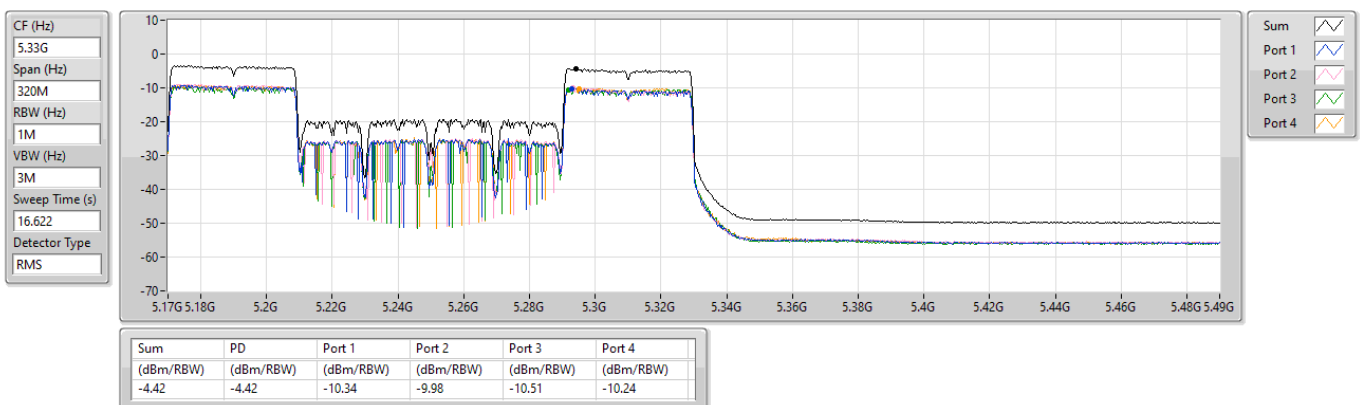


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024



Test Mode: Mode 7**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX	-3.57
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX	0.53
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX	-2.74

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX	-	-	-	-	-
5290MHz	Pass	5.73	0.30	0.30	11.00
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX	-	-	-	-	-
5290MHz	Pass	5.73	0.53	0.53	11.00
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.21	-5.07	-5.07	16.79
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.21	-3.64	-3.64	16.79
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.21	-3.57	-3.57	16.79
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.73	-4.20	-4.20	11.00
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.73	-2.74	-2.74	11.00
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.73	-2.74	-2.74	11.00

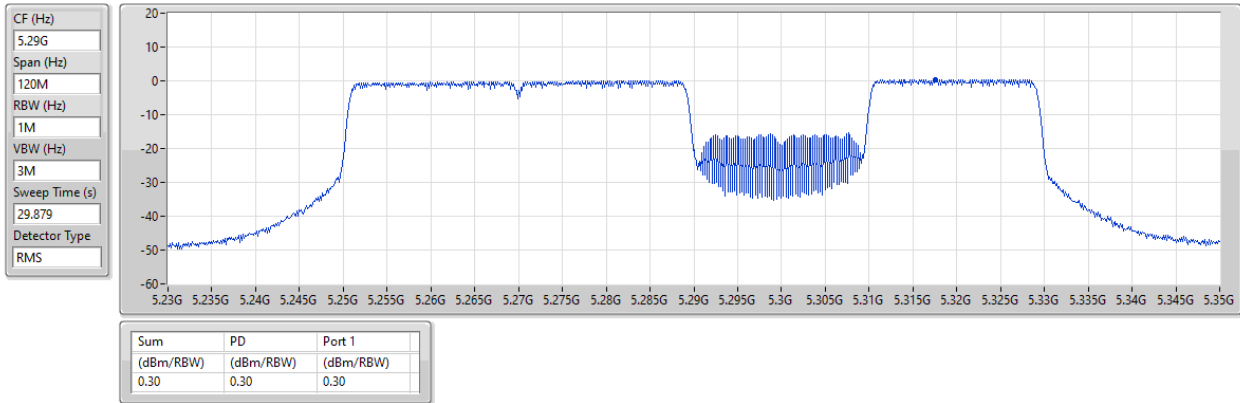
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_1TX

PSD

5290MHz

06/07/2024

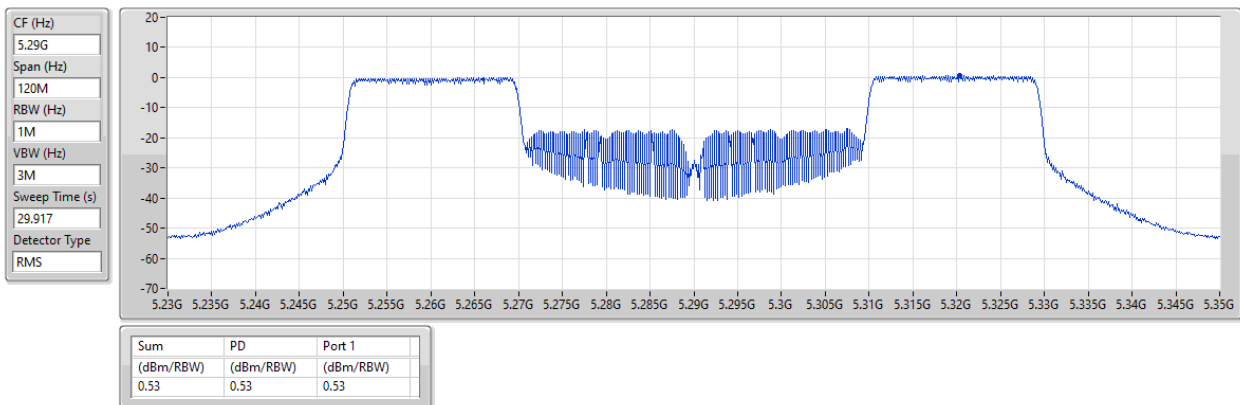


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_1TX

PSD

5290MHz

06/07/2024

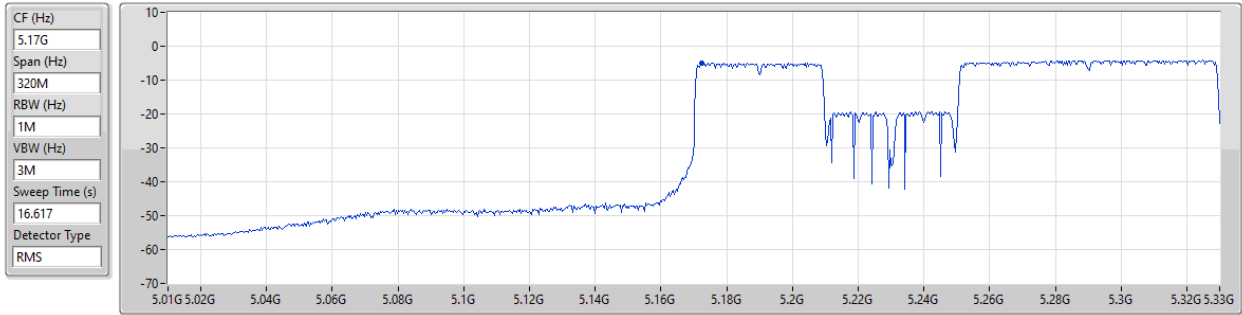


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/07/2024



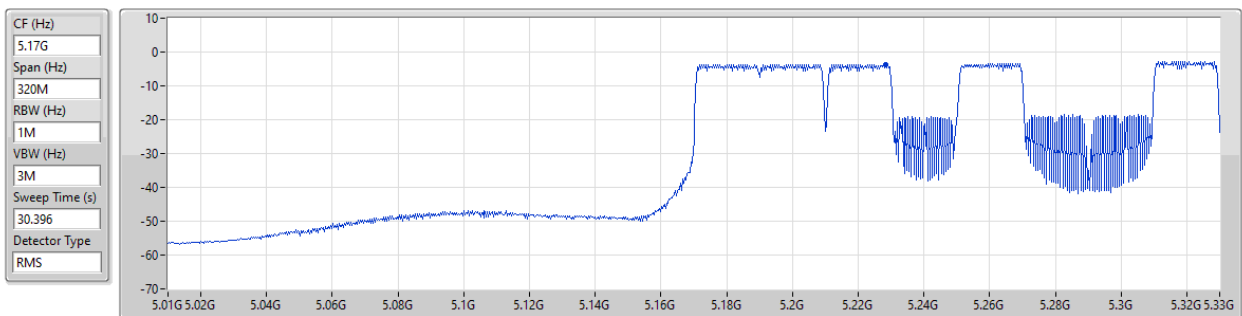
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.07	-5.07	-5.07

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/07/2024



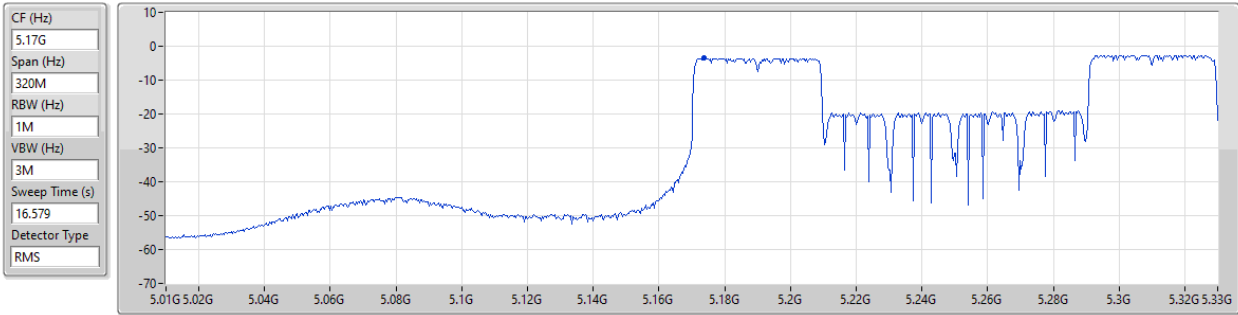
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.64	-3.64	-3.64

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/07/2024



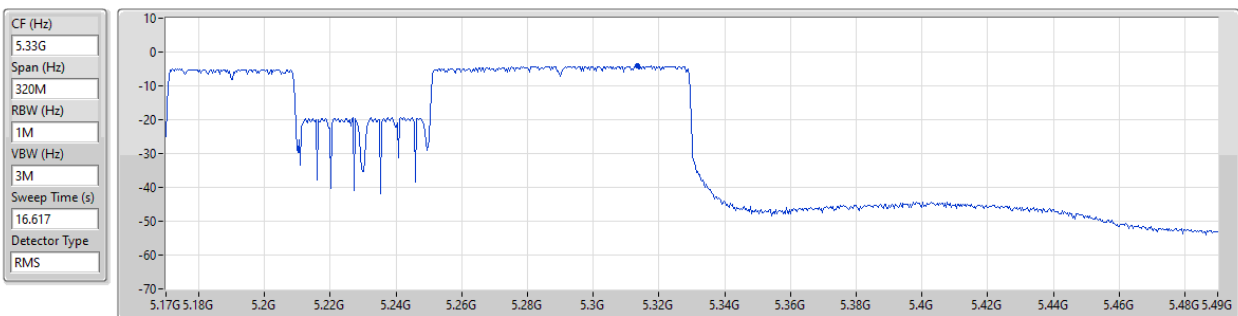
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.57	-3.57	-3.57

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/07/2024



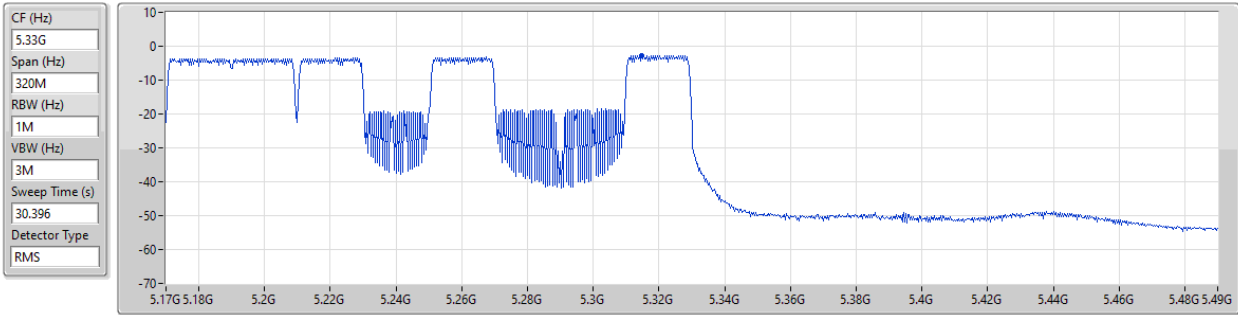
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.20	-4.20	-4.20

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/07/2024



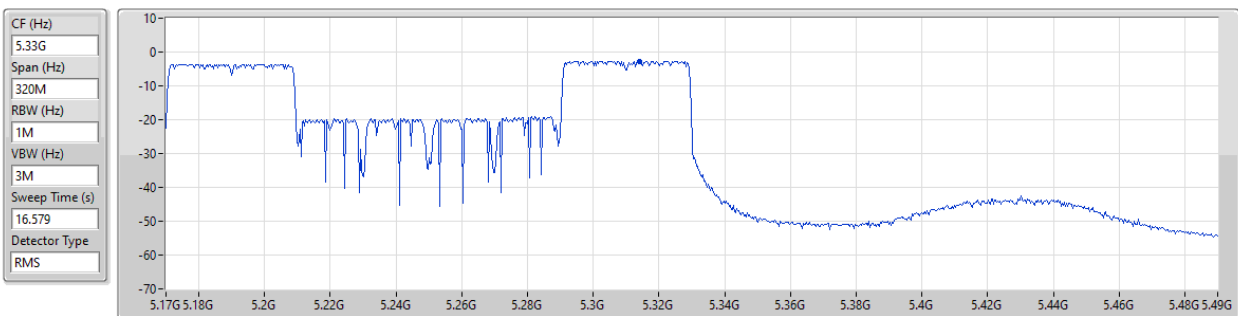
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.74	-2.74	-2.74

5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/07/2024



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.74	-2.74	-2.74

Test Mode: Mode 8**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX	-2.44
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	2.20
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX	-1.82

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX	-	-	-	-	-	-
5290MHz	Pass	6.22	-0.66	-0.58	2.20	10.78
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5290MHz	Pass	6.22	-0.61	-0.84	2.20	10.78
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.68	-9.29	-8.24	-5.83	16.32
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.68	-5.84	-4.93	-2.44	16.32
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.68	-7.82	-6.94	-4.42	16.32
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	6.22	-8.22	-7.95	-5.20	10.78
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	6.22	-4.90	-4.66	-1.82	10.78
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	6.22	-6.80	-6.67	-3.76	10.78

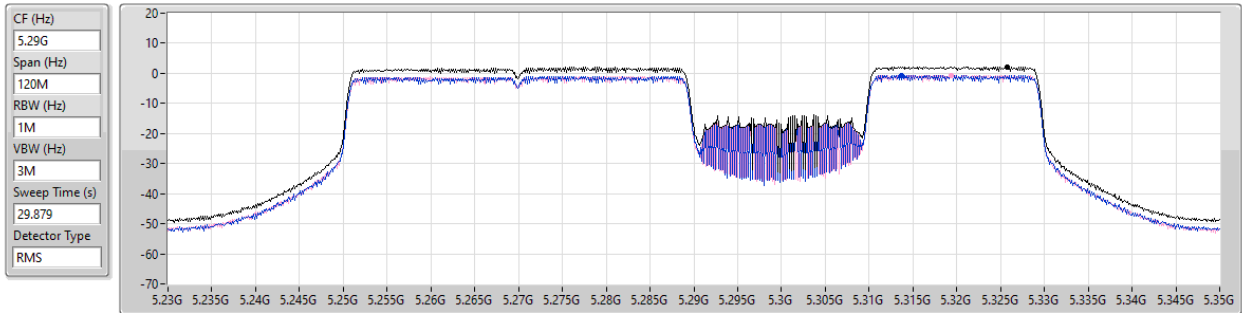
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_2TX

PSD

5290MHz

06/07/2024



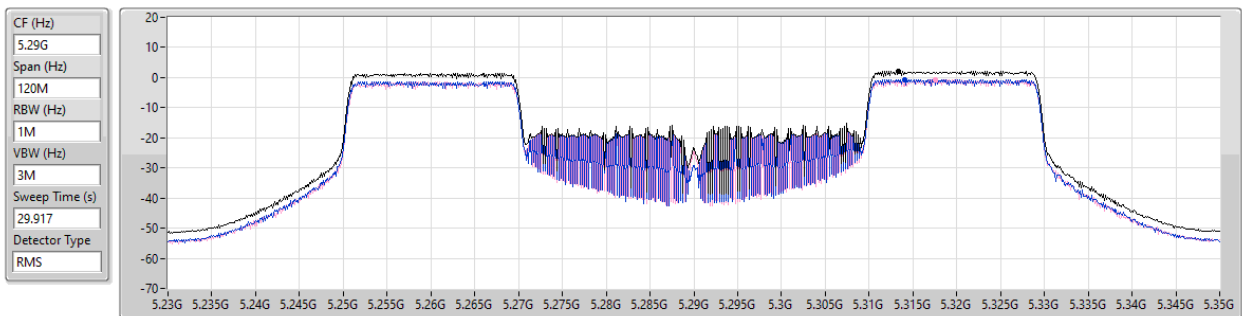
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.20	2.20	-0.66	-0.58

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_2TX

PSD

5290MHz

06/07/2024



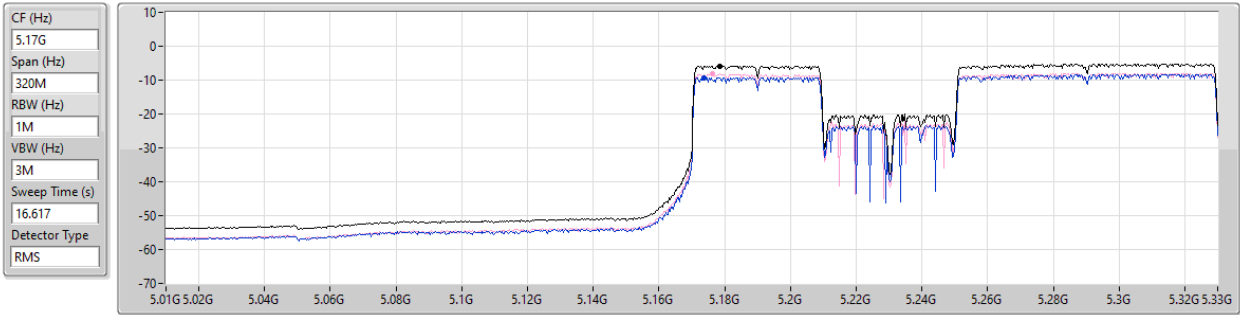
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.20	2.20	-0.61	-0.84

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024



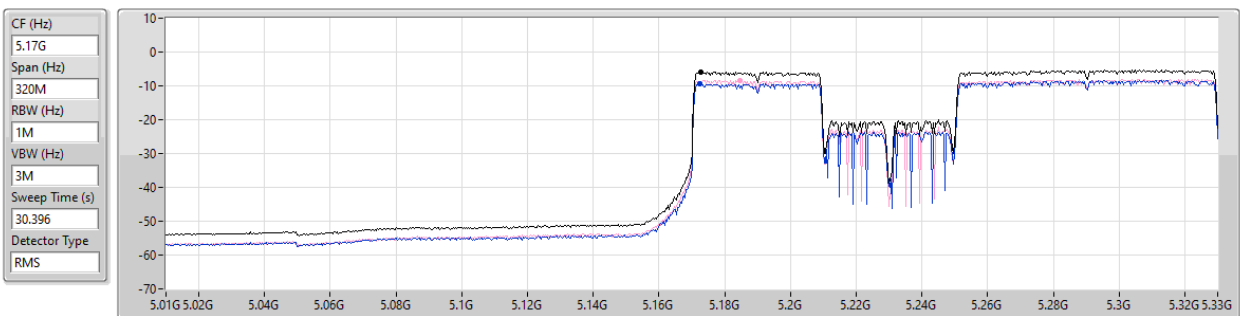
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.83	-5.83	-9.29	-8.24

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/07/2024



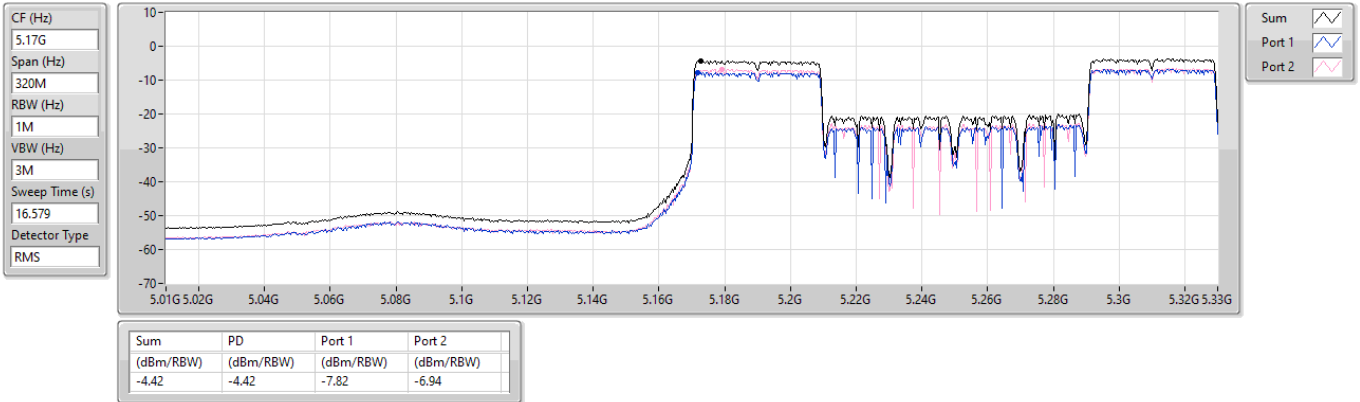
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.04	-6.04	-9.44	-8.50

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/07/2024

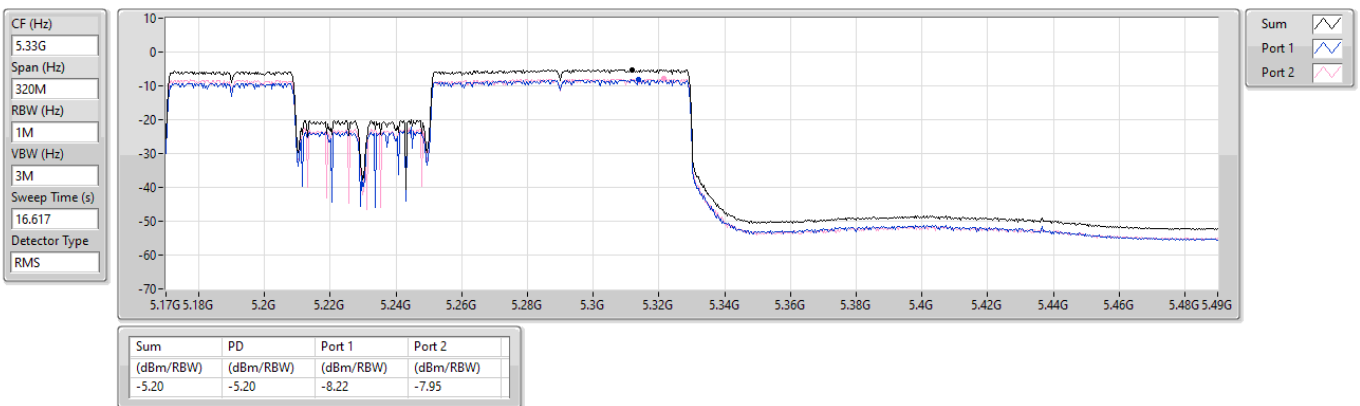


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024

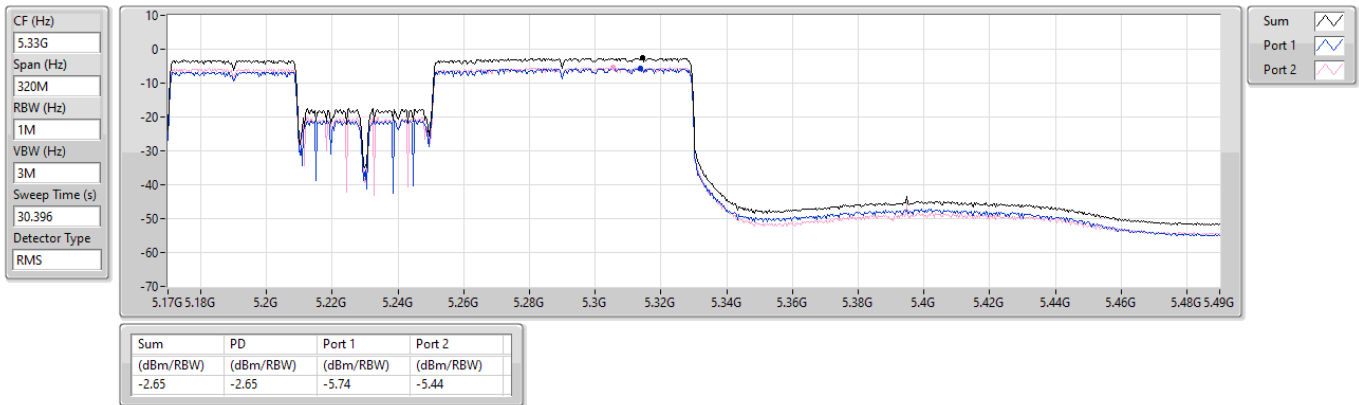


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/07/2024

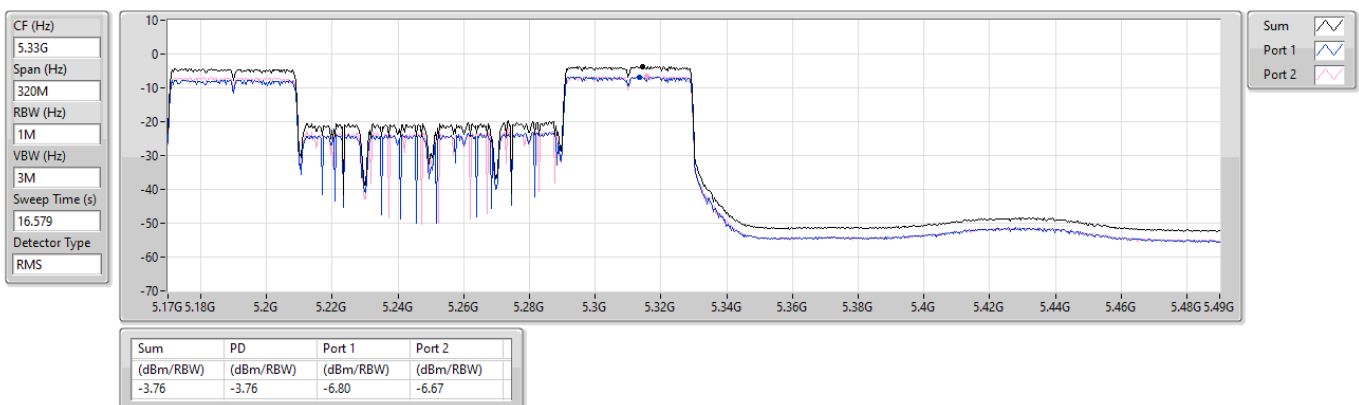


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/07/2024



Test Mode: Mode 9**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX	-1.78
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	2.43
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX	-1.34

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.73	-3.07	-3.35	-3.76	-2.81	2.43	8.27
802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.73	-3.41	-3.62	-4.10	-3.02	2.31	8.27
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.67	-10.45	-9.72	-10.27	-9.96	-4.25	14.33
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.67	-7.99	-7.26	-7.88	-7.61	-1.78	14.33
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.67	-8.60	-7.78	-8.39	-8.20	-2.38	14.33
802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	8.73	-9.56	-9.41	-9.91	-9.49	-3.72	8.27
802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	8.73	-6.95	-7.05	-7.68	-7.09	-1.34	8.27
802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	8.73	-7.63	-7.57	-8.08	-7.62	-1.82	8.27

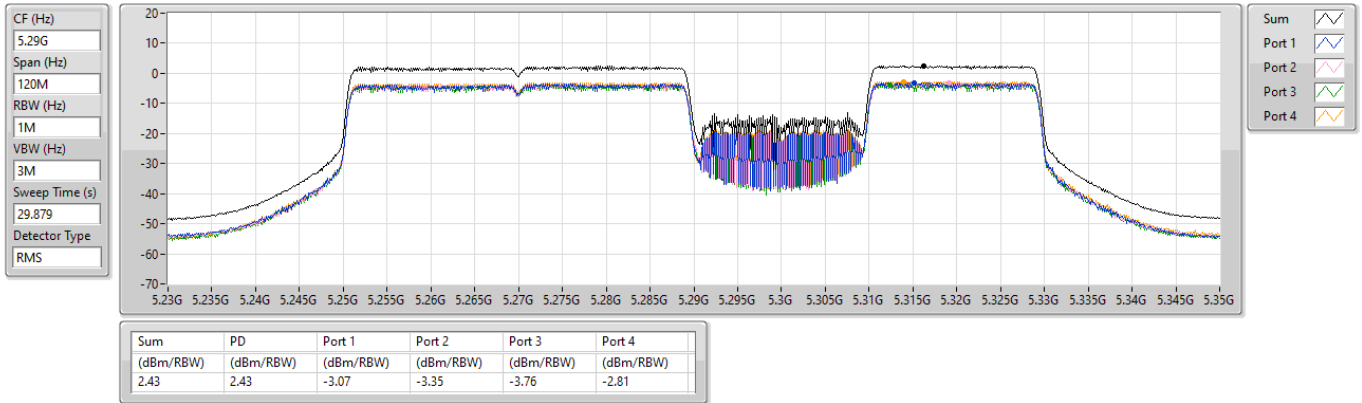
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU484+RU242 MRU 3_4TX

PSD

5290MHz

06/07/2024

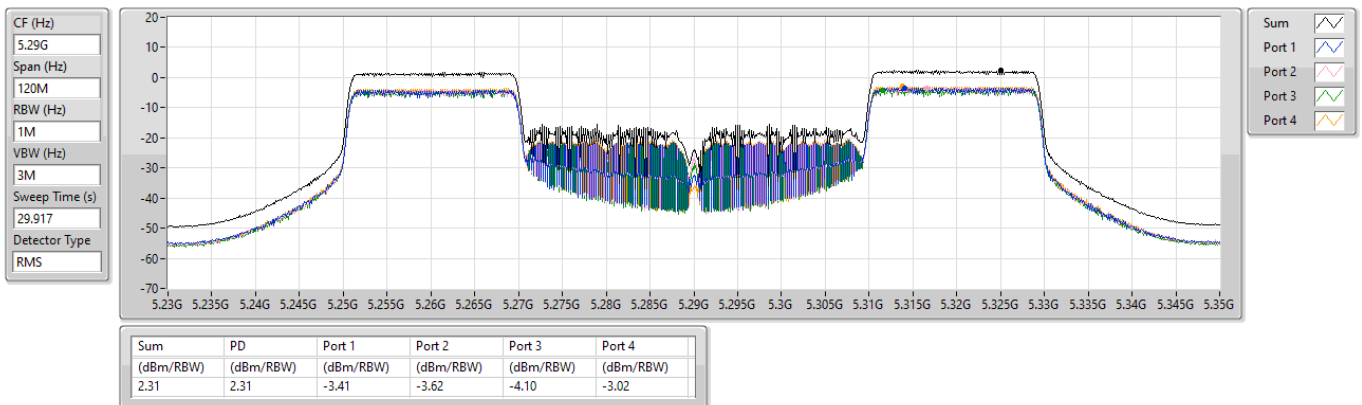


5.25-5.35GHz_802.11be EHT80_Nss1,(MCS0),RU242+RU242 MRU 1_4TX

PSD

5290MHz

06/07/2024

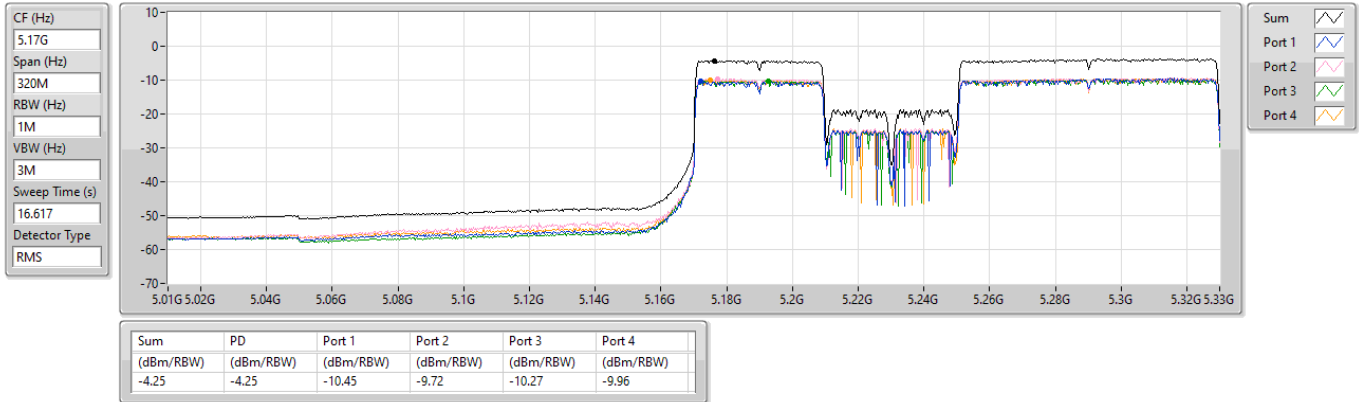


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/07/2024

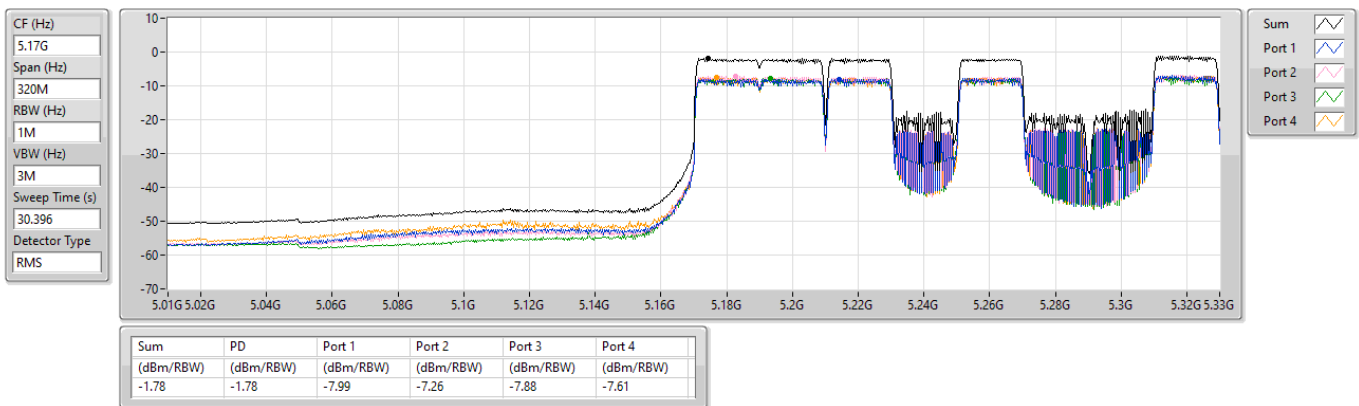


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/07/2024

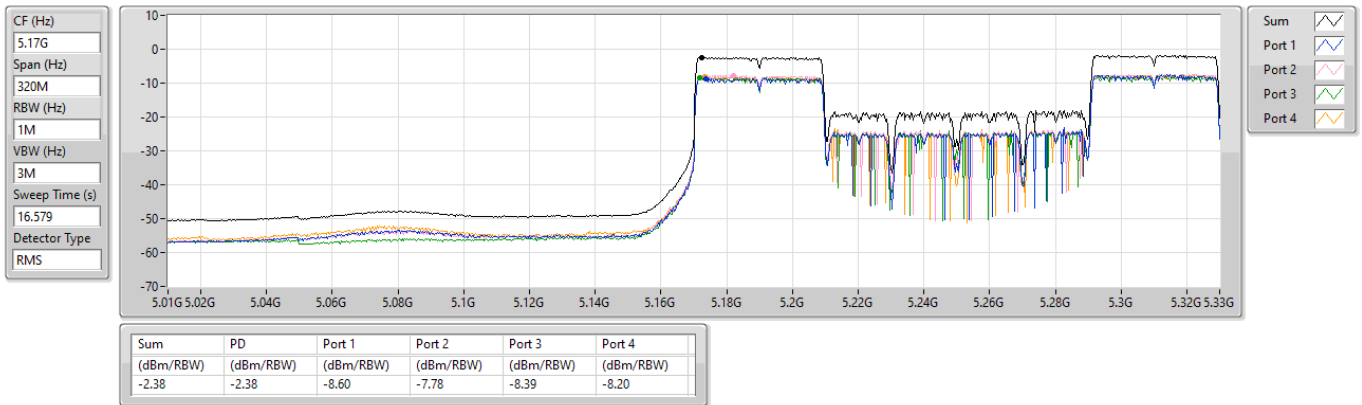


5.15-5.25GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/07/2024

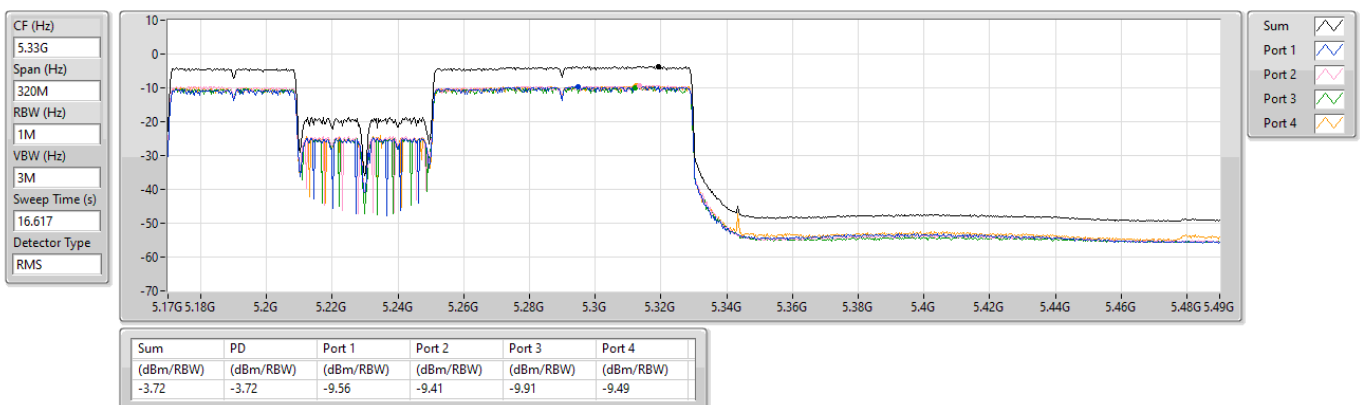


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU996+RU484 MRU 2_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/07/2024

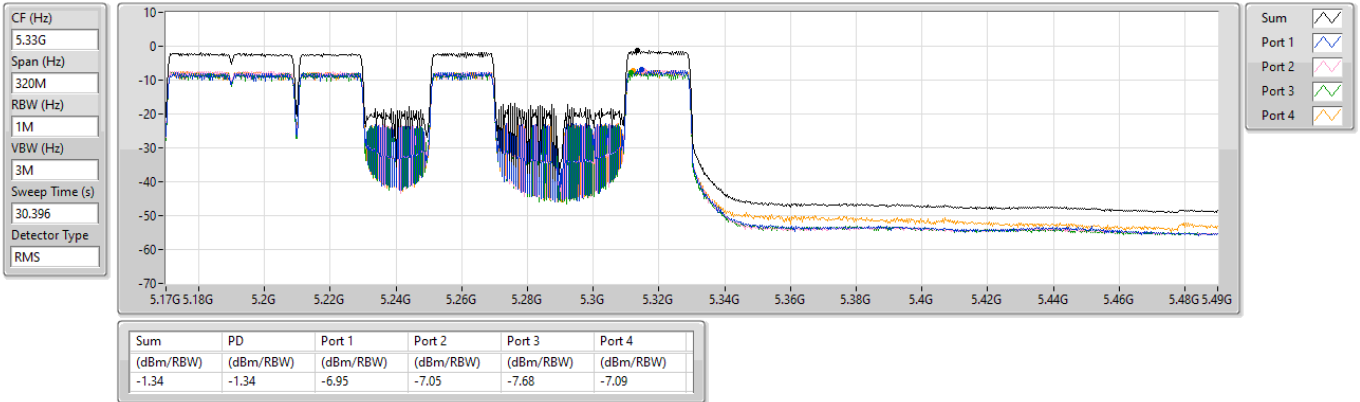


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU726+RU242+RU242 MRU 1_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/07/2024

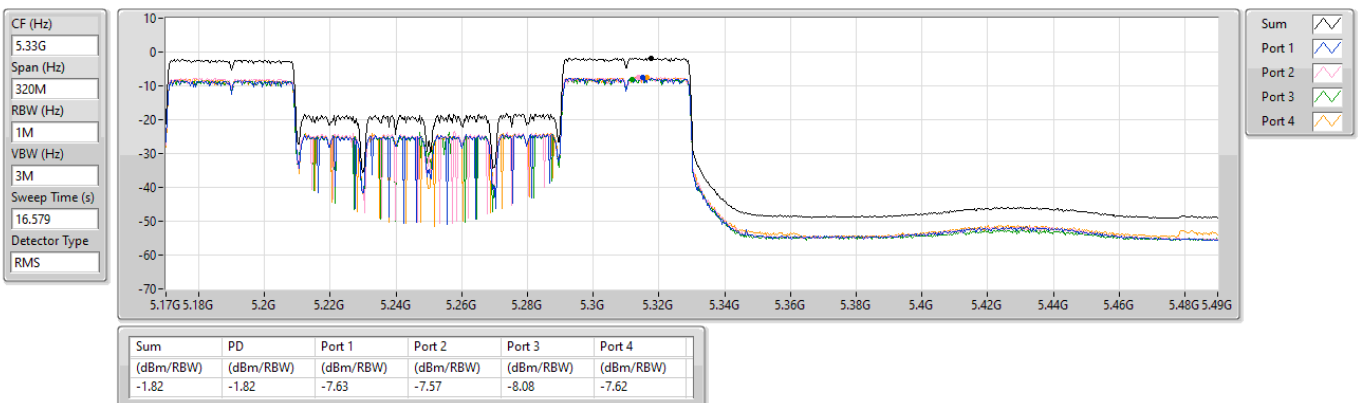


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS0),RU484+RU484 MRU 1_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/07/2024



Test Mode: Mode 10**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_1TX	-3.44
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_1TX	0.13
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_1TX	-3.45

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_1TX	-	-	-	-	-
5290MHz	Pass	5.70	0.13	0.13	11.00
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-4.16	-4.16	16.48
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-3.44	-3.44	16.48
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_1TX	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-4.13	-4.13	11.00
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_1TX	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-3.45	-3.45	11.00

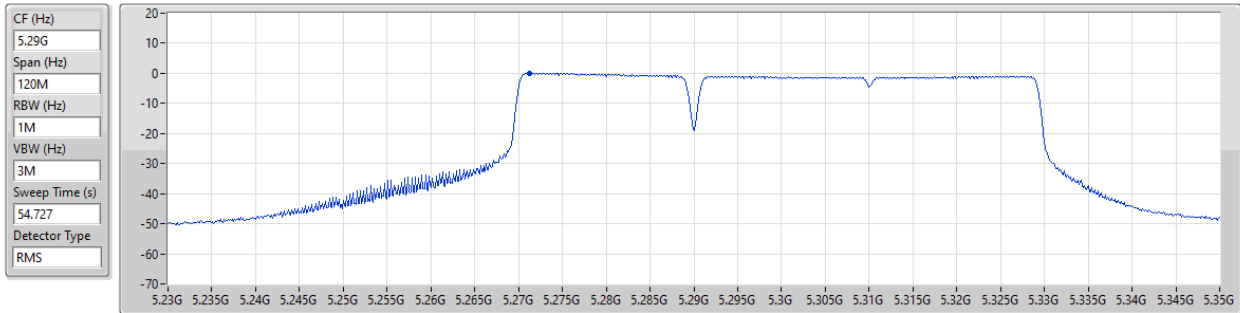
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;
Inf = There's no restriction for the limit.

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_1TX

PSD

5290MHz

02/07/2024



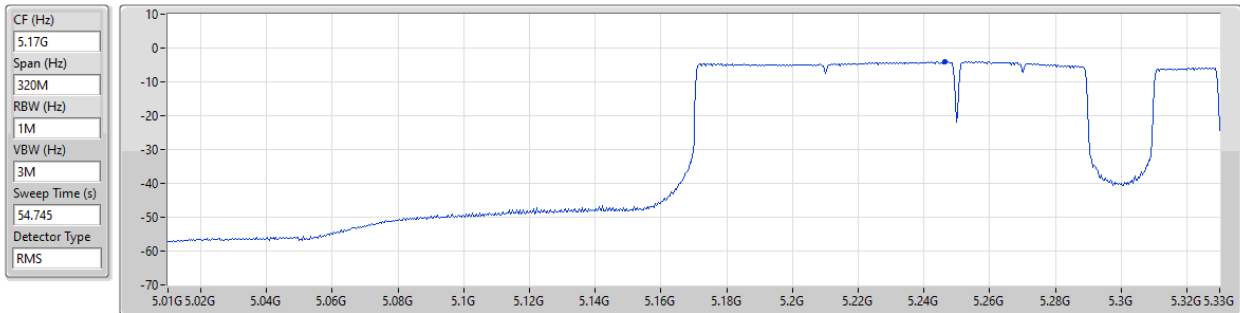
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.13	0.13	0.13

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

01/07/2024



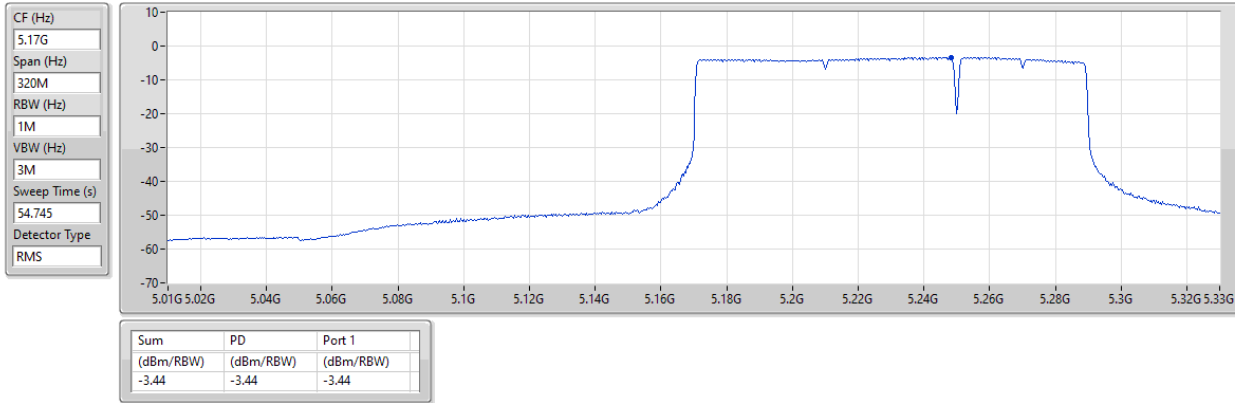
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.16	-4.16	-4.16

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/07/2024

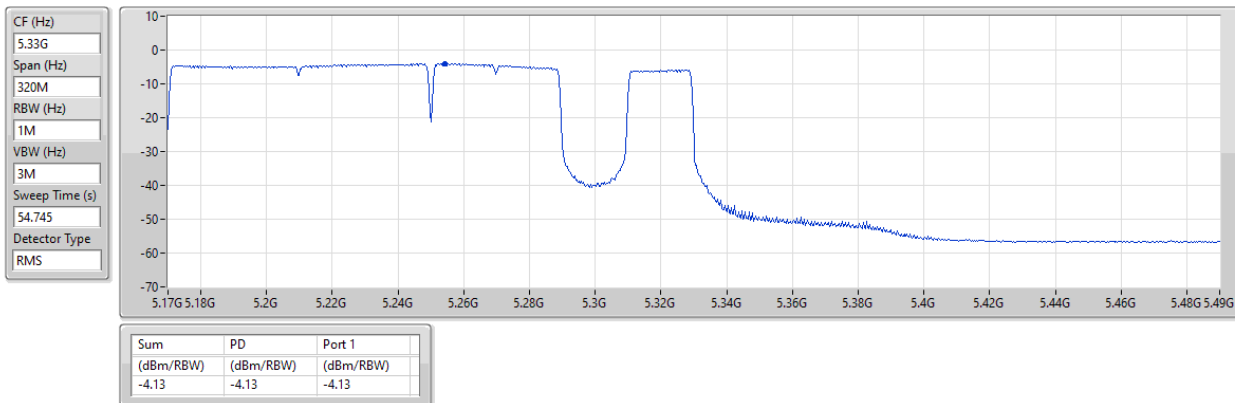


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

01/07/2024

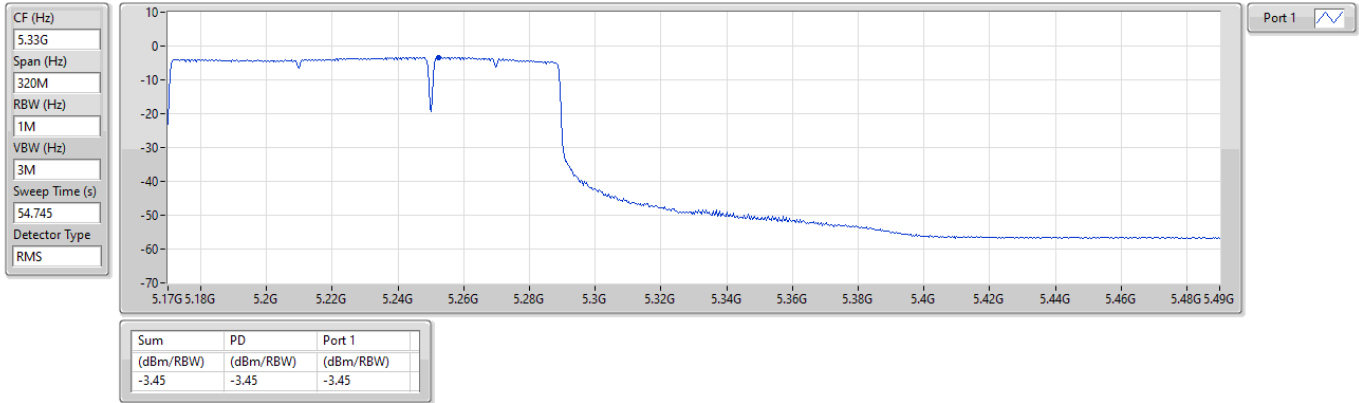


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/07/2024



Test Mode: Mode 11**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_2TX	-2.84
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_2TX	1.90
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_2TX	-2.60

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_2TX	-	-	-	-	-	-
5290MHz	Pass	5.70	-1.44	-0.76	1.90	11.00
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-7.07	-6.76	-3.97	16.48
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.52	-6	-5.54	-2.84	16.48
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-6.97	-6.39	-3.72	11.00
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_2TX	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	5.70	-5.77	-5.3	-2.60	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.

5.25-5.35GHz_802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_2TX

PSD

5290MHz

01/07/2024

CF (Hz)
5.29G

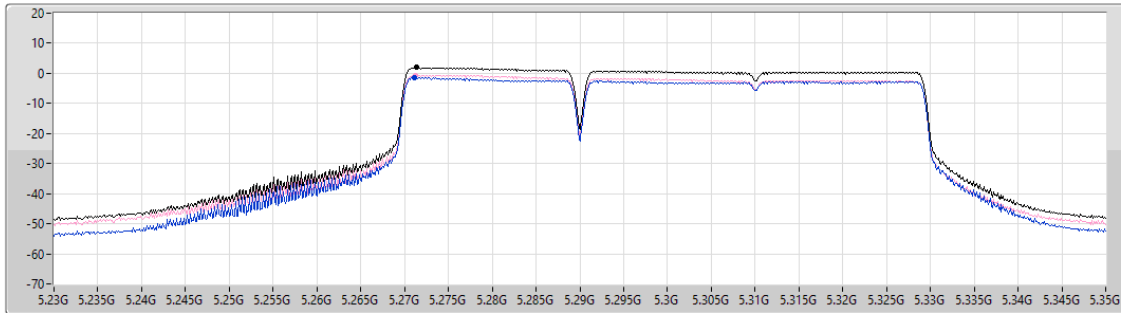
Span (Hz)
120M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.727

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.90	1.90	-1.44	-0.76

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

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CF (Hz)
5.17G

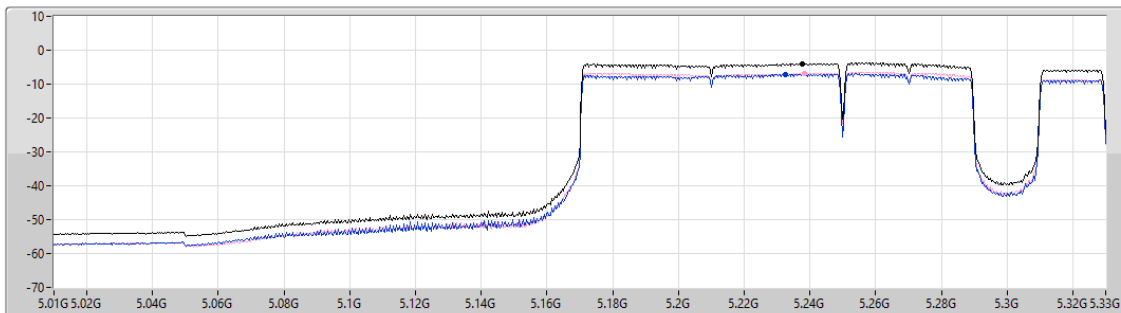
Span (Hz)
320M

RBW (Hz)
1M

VBW (Hz)
3M

Sweep Time (s)
54.745

Detector Type
RMS



Sum ☒

Port 1 ☐

Port 2 ☐

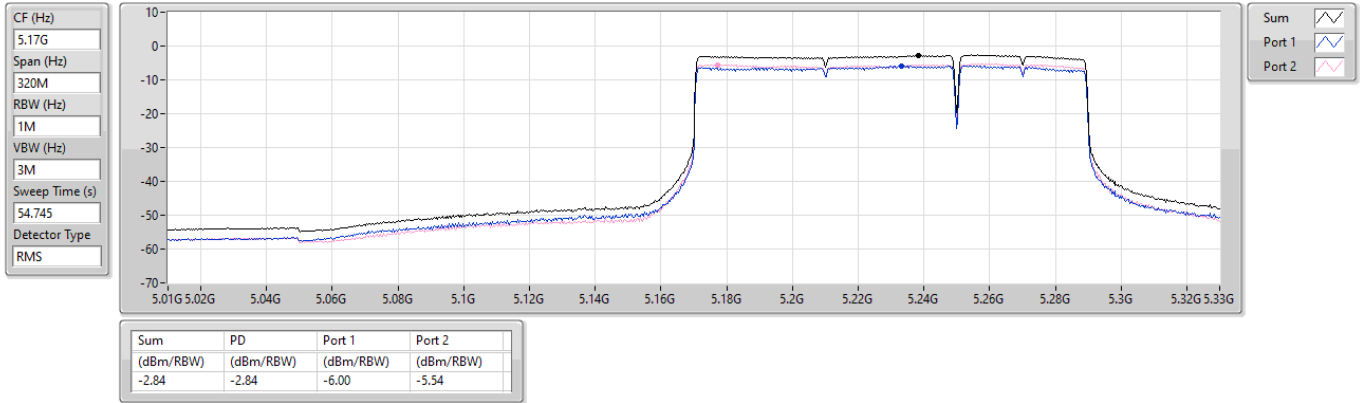
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.97	-3.97	-7.07	-6.76

5.15-5.25GHz_802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

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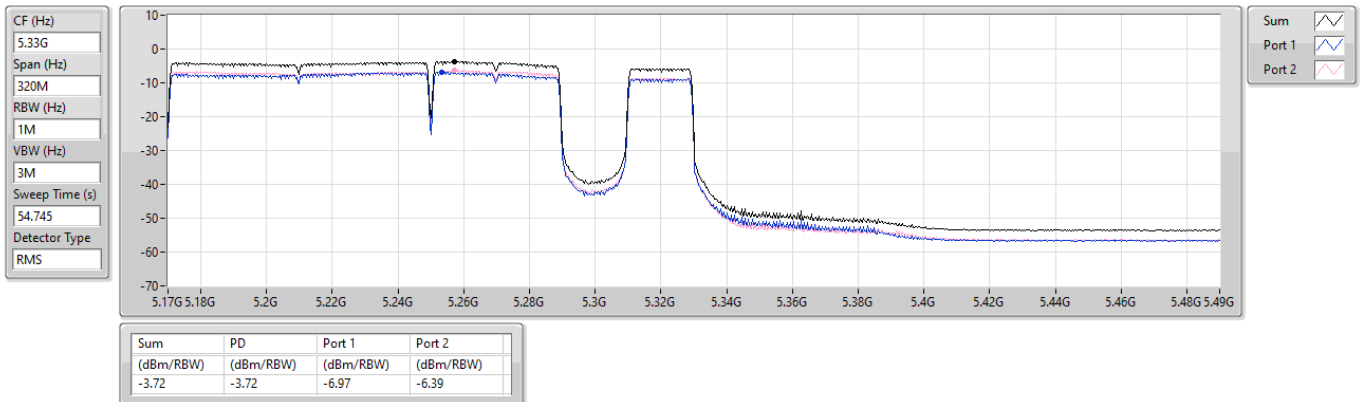


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

01/07/2024

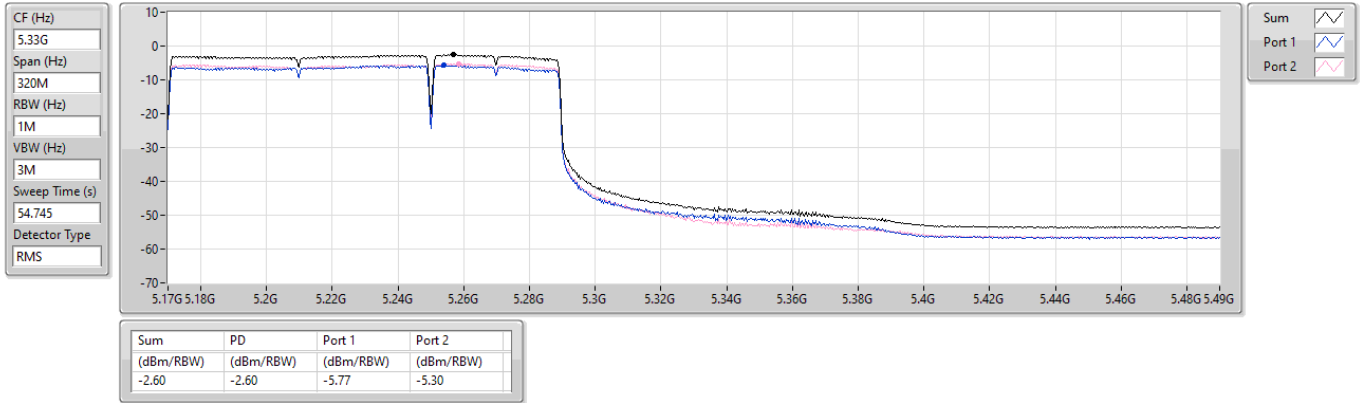


5.25-5.35GHz_802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

01/07/2024



Test Mode: Mode 12**Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_4TX	-0.81
5.25-5.35GHz	-
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_4TX	2.72
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_4TX	-0.55

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT80_Nss1,(MCS14),RU484+RU242 CP 1_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.25	-3.37	-2.63	-3.52	-3.47	2.72	8.75
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.28	-8.1	-7.66	-8.06	-7.81	-2.01	14.72
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.28	-6.91	-6.59	-6.83	-6.57	-0.81	14.72
802.11be EHT160_Nss1,(MCS14),RU996+RU484+RU242 CP 7_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	8.25	-7.99	-7.28	-7.79	-7.66	-1.75	8.75
802.11be EHT160_Nss1,(MCS14),RU996+RU484 CP 4_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.25-5.35GHz	Pass	8.25	-6.67	-6.24	-6.68	-6.37	-0.55	8.75

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.