Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	LDKIW9167EH
Equipment	:	Cisco Catalyst IW9167E Heavy Duty Access Point
Brand Name	:	CISCO
Model Name	:	IW9167EH-B
Applicant	:	Cisco Systems Inc 125 West Tasman Drive San Jose California United States 95134-1706
Manufacturer	:	Cisco Systems Inc 125 West Tasman Drive San Jose California United States 95134-1706
Standard	:	47 CFR FCC Part 15.407 (Excepting DFS testing)

The product was received on Aug. 11, 2022, and testing was started from Aug. 17, 2022 and completed on Dec. 15, 2022. 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
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History of this test report

Report No.	Version	Description	Issued Date
FR281101-01	01	Initial issue of report	Feb. 01, 2023

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Output Power	PASS	-
3.4	15.407(a)	Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
Note: Reference to Sporton Project No.: 281101				

Declaration of Conformity:
1. The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results. 2. The measurement uncertainty please refer to report "Measurement Uncertainty".
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

For Iron Radio 1

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]

For Pine Radio 2 and Scanning radio 3

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

For Iron Radio 1

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	1, 2, 4
5.25-5.35GHz	802.11n HT20	20	1, 2, 4
5.25-5.35GHz	802.11n HT20-BF	20	2, 4
5.25-5.35GHz	802.11ac VHT20	20	1, 2, 4
5.25-5.35GHz	802.11ac VHT20-BF	20	2, 4
5.25-5.35GHz	802.11ax HEW20	20	1, 2, 4
5.25-5.35GHz	802.11ax HEW20-BF	20	2, 4
5.25-5.35GHz	802.11n HT40	40	1, 2, 4
5.25-5.35GHz	802.11n HT40-BF	40	2, 4
5.25-5.35GHz	802.11ac VHT40	40	1, 2, 4
5.25-5.35GHz	802.11ac VHT40-BF	40	2, 4
5.25-5.35GHz	802.11ax HEW40	40	1, 2, 4
5.25-5.35GHz	802.11ax HEW40-BF	40	2, 4
5.25-5.35GHz	802.11ac VHT80	80	1, 2, 4
5.25-5.35GHz	802.11ac VHT80-BF	80	2, 4
5.25-5.35GHz	802.11ax HEW80	80	1, 2, 4
5.25-5.35GHz	802.11ax HEW80-BF	80	2, 4
5.47-5.725GHz	802.11a	20	1, 2, 4
5.47-5.725GHz	802.11n HT20	20	1, 2, 4
5.47-5.725GHz	802.11n HT20-BF	20	2, 4
5.47-5.725GHz	802.11ac VHT20	20	1, 2, 4
5.47-5.725GHz	802.11ac VHT20-BF	20	2, 4
5.47-5.725GHz	802.11ax HEW20	20	1, 2, 4
5.47-5.725GHz	802.11ax HEW20-BF	20	2, 4
5.47-5.725GHz	802.11n HT40	40	1, 2, 4
5.47-5.725GHz	802.11n HT40-BF	40	2, 4
5.47-5.725GHz	802.11ac VHT40	40	1, 2, 4
5.47-5.725GHz	802.11ac VHT40-BF	40	2, 4
5.47-5.725GHz	802.11ax HEW40	40	1, 2, 4
5.47-5.725GHz	802.11ax HEW40-BF	40	2, 4
5.47-5.725GHz	802.11ac VHT80	80	1, 2, 4
5.47-5.725GHz	802.11ac VHT80-BF	80	2, 4
5.47-5.725GHz	802.11ax HEW80	80	1, 2, 4
5.47-5.725GHz	802.11ax HEW80-BF	80	2, 4

For Pine Radio 2

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	1, 2, 4
5.25-5.35GHz	802.11n HT20	20	1, 2, 4
5.25-5.35GHz	802.11n HT20-BF	20	2, 4
5.25-5.35GHz	802.11ac VHT20	20	1, 2, 4
5.25-5.35GHz	802.11ac VHT20-BF	20	2, 4
5.25-5.35GHz	802.11ax HEW20	20	1, 2, 4
5.25-5.35GHz	802.11ax HEW20-BF	20	2, 4
5.25-5.35GHz	802.11n HT40	40	1, 2, 4
5.25-5.35GHz	802.11n HT40-BF	40	2, 4
5.25-5.35GHz	802.11ac VHT40	40	1, 2, 4
5.25-5.35GHz	802.11ac VHT40-BF	40	2, 4
5.25-5.35GHz	802.11ax HEW40	40	1, 2, 4
5.25-5.35GHz	802.11ax HEW40-BF	40	2, 4
5.25-5.35GHz	802.11ac VHT80	80	1, 2, 4
5.25-5.35GHz	802.11ac VHT80-BF	80	2, 4
5.25-5.35GHz	802.11ax HEW80	80	1, 2, 4
5.25-5.35GHz	802.11ax HEW80-BF	80	2, 4
5.15-5.35GHz	802.11ac VHT160	160	1, 2, 4
5.15-5.35GHz	802.11ac VHT160-BF	160	2, 4
5.15-5.35GHz	802.11ax HEW160	160	1, 2, 4
5.15-5.35GHz	802.11ax HEW160-BF	160	2, 4
5.47-5.725GHz	802.11a	20	1, 2, 4
5.47-5.725GHz	802.11n HT20	20	1, 2, 4
5.47-5.725GHz	802.11n HT20-BF	20	2, 4
5.47-5.725GHz	802.11ac VHT20	20	1, 2, 4
5.47-5.725GHz	802.11ac VHT20-BF	20	2, 4
5.47-5.725GHz	802.11ax HEW20	20	1, 2, 4
5.47-5.725GHz	802.11ax HEW20-BF	20	2, 4
5.47-5.725GHz	802.11n HT40	40	1, 2, 4
5.47-5.725GHz	802.11n HT40-BF	40	2, 4
5.47-5.725GHz	802.11ac VHT40	40	1, 2, 4
5.47-5.725GHz	802.11ac VHT40-BF	40	2, 4
5.47-5.725GHz	802.11ax HEW40	40	1, 2, 4
5.47-5.725GHz	802.11ax HEW40-BF	40	2, 4
5.47-5.725GHz	802.11ac VHT80	80	1, 2, 4
5.47-5.725GHz	802.11ac VHT80-BF	80	2, 4
5.47-5.725GHz	802.11ax HEW80	80	1, 2, 4
5.47-5.725GHz	802.11ax HEW80-BF	80	2, 4
5.47-5.725GHz	802.11ac VHT160	160	1, 2, 4

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT160-BF	160	2, 4
5.47-5.725GHz	802.11ax HEW160	160	1, 2, 4
5.47-5.725GHz	802.11ax HEW160-BF	160	2, 4

For Scanning radio 3

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	1
5.25-5.35GHz	802.11n HT20	20	1
5.25-5.35GHz	802.11ac VHT20	20	1
5.25-5.35GHz	802.11ax HEW20	20	1
5.25-5.35GHz	802.11n HT40	40	1
5.25-5.35GHz	802.11ac VHT40	40	1
5.25-5.35GHz	802.11ax HEW40	40	1
5.25-5.35GHz	802.11ac VHT80	80	1
5.25-5.35GHz	802.11ax HEW80	80	1
5.15-5.35GHz	802.11ac VHT160	160	1
5.15-5.35GHz	802.11ax HEW160	160	1
5.47-5.725GHz	802.11a	20	1
5.47-5.725GHz	802.11n HT20	20	1
5.47-5.725GHz	802.11ac VHT20	20	1
5.47-5.725GHz	802.11ax HEW20	20	1
5.47-5.725GHz	802.11n HT40	40	1
5.47-5.725GHz	802.11ac VHT40	40	1
5.47-5.725GHz	802.11ax HEW40	40	1
5.47-5.725GHz	802.11ac VHT80	80	1
5.47-5.725GHz	802.11ax HEW80	80	1
5.47-5.725GHz	802.11ac VHT160	160	1
5.47-5.725GHz	802.11ax HEW160	160	1

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- For Iron Radio 1: VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- For Pine Radio 2 and Scanning radio 3: VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- For Iron Radio 1: HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- For Pine Radio 2 and Scanning radio 3: HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Set.	CISCO's Brand Name / Manufacturer's Brand Name	CISCO's Model Name / Manufacturer's Model Name	Antenna Type	Connector	Gain (dBi)
1	CISCO	AIR-ANT2480V-N=	Dipole	N Male	Note 1
	CUSHCRAFT	S2406BFCNM			
2	CISCO	AIR-ANT2413P2M-N=	Panel	N Male	
	PCTEL	07-1193-01			
3	CISCO	IW-ANT-OMM-53-N=	Monopole	N Female	
	MP Antenna	08-ANT-0985			
4	CISCO	AIR-ANT5180V-N=	Dipole	N Male	
	Laird TECHNOLOGES	S4905WBCFNM			
5	CISCO	IW-ANT-PNL-59-N=	Panel	SMA Female	
	HUBER+SUHNER	1356.17.0076			
6	CISCO	IW-ANT-H90-510-N=	Horn	N Female	
	RF ELEMENTS	HG3-CC-S90			
7	CISCO	AIR-ANT5114P2M-N=	Panel	N Male	
	PCTEL	07-1192-01			
8	CISCO	IW-ANT-SKD-513-Q=	Patch	QMA Female	
	PCTEL	74-133202-01			
9	CISCO	IW-ANT-SKS-514-Q=	Patch	QMA Female	
	PCTEL	74-133201-01			
10	CISCO	FLMESH-HW-ANT-28	Panel	N Female	
	HUBER+SUHNER	1356.17.0023			
11	CISCO	AIR-ANT2547V-N=	Dipole	N Male	
	Laird TECHNOLOGES	OC24527-CS1			
12	CISCO	AIR-ANT2547VG-N=	Dipole	N Male	
	Laird TECHNOLOGES	OC24528-CS3			
13	CISCO	AIR-ANT2547VG-NS=	Dipole	N Male	
	Laird Connectivity	OC24528-CS4			
14	CISCO	AIR-ANT2568VG-N=	Dipole	N Male	
	Laird Connectivity	OCX24529-CS1			
15	CISCO	AIR-ANT2568VG-NS=	Dipole	N Male	
	Laird Connectivity	OCX24529-CS2			
16	CISCO	AIR-ANT2588P4M-NS=	Patch	N Female	
	Laird Connectivity	PDM24499-CS1			
17	CISCO	AIR-ANT2513P4M-N=	Patch	N Female	
	Laird Connectivity	PDM245115H-CS1			
18	CISCO	AIR-ANT2513P4M-NS=	Patch	N Female	
	Laird Connectivity	PDM245115H-CS2			
19	CISCO	IW-ANT-OMV-2567-N	Dipole	N Male	
	TE connectivity	OCX24688-CS1			
20	CISCO	IW-ANT-OMH-2567-N	Dipole	N Male	
	TE connectivity	OCX24688H-CS1			
21	CISCO	ANT-GNSS-OUT-TNC=	Patch	TNC Male	
	Pulse	W4053T4572			

Set.	Port						
	WLAN 2.4GHz (Radio 1)	4.9GHz / 5GHz (Radio 1)	4.9GHz / 5GHz (Radio 2)	WLAN 2.4GHz (Scanning Radio 3)	WLAN 5GHz (Scanning Radio 3)	BT (Radio 4)	GPS (Radio 5)
1	-	-	-	-	-	-	-
2	1	-	-	1	-	-	-
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
	4	-	-	-	-	1	-
3	-	4	1	-	2	-	-
	-	3	2	-	1	-	-
	-	2	3	-	-	-	-
	-	1	4	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	-	-	-	-	-
9	-	4	1	-	-	-	-
	-	3	2	-	-	-	-
	-	2	3	-	-	-	-
	-	1	4	-	-	-	-
10	-	4	1	-	2	-	-
	-	3	2	-	1	-	-
	-	2	3	-	-	-	-
	-	1	4	-	-	-	-
11	1	-	-	1	-	-	-
	2	-	-	-	-	-	-
	3	-	-	-	-	-	-
	4	-	-	-	-	1	-
12	-	-	-	-	-	-	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	1

Note 1:

Set.	Antenna Gain (dBi)				Cable loss (dB)				Net Gain (dBi)			
	WLAN 2.4GHz (Radio 1) (Scanning Radio 3) BT (Radio 4)	5GHz (Radio 1) (Radio 2) (Scanning Radio 3)		GPS (Radio 5)	WLAN 2.4GHz (Radio 1) (Scanning Radio 3) BT (Radio 4)	5GHz (Radio 1) (Radio 2) (Scanning Radio 3)		GPS (Radio 5)	WLAN 2.4GHz (Radio 1) (Scanning Radio 3) BT (Radio 4)	5GHz (Radio 1) (Radio 2) (Scanning Radio 3)		GPS (Radio 5)
	2.4G / Bluetooth	UNII 1~3	4.9G	-	2.4G / Bluetooth	UNII 1~3	4.9G	-	2.4G / Bluetooth	UNII 1~3	4.9G	-
1	8	-	-	-	-	-	-	-	8	-	-	-
2	13	-	-	-	-	-	-	-	13	-	-	-
3	-	3	3	-	-	-	-	-	-	3	3	-
4	-	8	7	-	-	-	-	-	-	8	7	-
5	-	9	-	-	-	0.97	-	-	-	8.03	-	-
6	-	10	-	-	-	0.97	-	-	-	9.03	-	-
7	-	13	-	-	-	-	-	-	-	13	-	-
8	-	13	13	-	-	0.97	0.97	-	-	12.09	12.09	-
9	-	14	14	-	-	0.97	0.97	-	-	13.03	13.03	-
10	-	19.5	-	-	-	0.97	-	-	-	18.53	-	-
11	4	7	-	-	-	-	-	-	4	7	-	-
12	4	7	-	-	-	-	-	-	4	7	-	-
13	4	7	-	-	-	-	-	-	4	7	-	-
14	6	8	-	-	-	-	-	-	6	8	-	-
15	6	8	-	-	-	-	-	-	6	8	-	-
16	Vertical: 9.1 Horizontal: 7.1	Vertical: 9.6 Horizontal: 7.8	-	-	0.62	0.97	-	-	Vertical: 8.48 Horizontal: 6.48	Vertical: 8.63 Horizontal: 6.83	-	-
17	13	13	-	-	0.62	0.97	-	-	12.38	12.03	-	-
18	13	13	-	-	0.62	0.97	-	-	12.38	12.03	-	-
19	4	7	7	-	-	-	-	-	4	7	7	-
20	4	7	7	-	-	-	-	-	4	7	7	-
21	-	-	-	2.5	-	-	-	-	-	-	-	2.5

Set.	Point-to-Multipoint	Point-to-Point
1	Yes	No
2	Yes	Yes
3	Yes	No
4	Yes	No
5	Yes	Yes
6	Yes	Yes
7	Yes	Yes
8	Yes	Yes
9	Yes	Yes
10	Yes	Yes
11	Yes	No
12	Yes	No
13	Yes	No
14	Yes	No
15	Yes	No
16	Yes	No
17	Yes	Yes
18	Yes	Yes
19	Yes	No
20	Yes	No
21	-	-

Note 2: The above information was declared by manufacturer.
Note 3: There are 21 set antennas in the antenna table list.
The lowest and highest antenna gain was selected for the test and recorded in this report.
The antennas were selected as below:
For WLAN 2.4GHz/BT: Set 2, 11.
For WLAN 5GHz: Set 3, 10.
For 4.9GHz: Set 3, 9.

Note 4: Directional gain information.

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

Ex.

Directional Gain (NSS1) formula : $DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$

NSS1(g1,1) = $10^{G1/20}$; NSS1(g1,2)= $10^{G2/20}$; NSS1(g1,2)= $10^{G3/20}$; NSS1(g1,2)= $10^{G4/20}$

gj,k =(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2

DG = 10 log[(Nss1(g1,1) + Nss1(g1,2) + Nss1(g1,3) + Nss1(g1,4))^2 / N_{ANT}] => 10 log[($10^{G1/20}$ + $10^{G2/20}$ + $10^{G3/20}$ + $10^{G4/20}$)^2 / N_{ANT}]

Where ;

2.4G G1 = 4 dBi; G2 = 4 dBi; G3 = 4 dBi; G4 = 4 dBi;
2TDG = 7.01 dBi 4TDG = 10.02 dBi

2.4G G1 = 13 dBi; G2 = 13 dBi; G3 = 13 dBi; G13 = 13 dBi;
2TDG = 16.01 dBi 4TDG = 19.02 dBi

5G G1 = 3 dBi; G2 = 3 dBi; G3 = 3 dBi; G4 = 3 dBi;
2TDG = 6.01 dBi 4TDG = 9.02 dBi

5G G1 = 18.53 dBi; G2 = 18.53 dBi; G18.53 = 18.53 dBi; G4 = 18.53 dBi;
2TDG = 18.53 dBi 4TDG = 21.54 dBi

4.9G G1 = 3 dBi; G2 = 3 dBi; G3 = 3 dBi; G4 = 3 dBi;
2TDG = 6.01 dBi 4TDG = 9.02 dBi

4.9G G1 = 13.03 dBi; G2 = 13.03 dBi; G13.03 = 13.03 dBi; G4 = 13.03 dBi;
2TDG = 16.04 dBi 4TDG = 19.05 dBi

For Iron Radio 1
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax 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 Iron 5GHz UNII 1~UNII 3 and 4.9GHz:
For IEEE 802.11a/n/ac/ax 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 Pine Radio 2
For 5GHz UNII 1~UNII 3 and 4.9GHz:
For IEEE 802.11a/n/ac/ax 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 Scanning Radio 3
For 2.4GHz:
For IEEE 802.11b/g/n/VHT/ax mode (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.
For 5GHz UNII 1~UNII 3:
For IEEE 802.11a/n/ac/ax mode (1TX/1RX):
The EUT supports the antenna with TX and RX diversity functions.
Both port 1 and port 2 support transmit and receive functions, but only one of them will be used at one time.
The port 1 generated the worst case, so it was selected to test and record in the report.

For Radio 4
Bluetooth (1TX/1RX):
Only Port 1 can be used as transmitting/receiving antenna.

For Radio 5
GPS (1RX):
Only Port 1 can be used as receiving antenna.

1.1.3 Mode Test Duty Cycle

For indoor/outdoor use
For Iron Radio 1 antenna set 3_20/40/80MHz

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_1TX	0.971	0.13	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_1TX	0.944	0.25	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_1TX	0.936	0.29	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_1TX	0.938	0.28	5.445m	300
802.11a_Nss1,(6Mbps)_2TX	0.965	0.15	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.938	0.28	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.936	0.29	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.94	0.27	5.446m	300
802.11a_Nss1,(6Mbps)_4TX	0.951	0.22	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.956	0.2	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.954	0.2	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.937	0.28	5.446m	300

For antenna set 10_20/40/80MHz

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_1TX	0.971	0.13	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_1TX	0.944	0.25	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_1TX	0.936	0.29	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_1TX	0.938	0.28	5.445m	300
802.11a_Nss1,(6Mbps)_2TX	0.965	0.15	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.938	0.28	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.936	0.29	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.94	0.27	5.446m	300
802.11a_Nss1,(6Mbps)_4TX	0.951	0.22	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.956	0.2	5.446m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.954	0.2	5.446m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.937	0.28	5.446m	300

For Pine Radio 2
For Antenna set 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_1TX	0.969	0.14	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_1TX	0.932	0.31	5.445m	300
802.11ax HEW40_Nss1,(MCS0)_1TX	0.868	0.61	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_1TX	0.916	0.38	5.445m	300
802.11ax HEW160_Nss1,(MCS0)_1TX	0.912	0.4	5.445m	300
802.11a_Nss1,(6Mbps)_2TX	0.975	0.11	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.939	0.27	5.445m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.947	0.24	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.928	0.32	5.445m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.924	0.34	5.445m	300
802.11a_Nss1,(6Mbps)_4TX	0.969	0.14	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.922	0.35	5.445m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.924	0.34	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.855	0.68	5.445m	300
802.11ax HEW160_Nss1,(MCS0)_4TX	0.946	0.24	5.445m	300

For Antenna set 10

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a_Nss1,(6Mbps)_1TX	0.967	0.15	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_1TX	0.969	0.14	5.429m	300
802.11ax HEW40_Nss1,(MCS0)_1TX	0.923	0.35	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_1TX	0.934	0.3	5.445m	300
802.11ax HEW160_Nss1,(MCS0)_1TX	0.921	0.36	5.445m	300
802.11a_Nss1,(6Mbps)_2TX	0.967	0.15	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_2TX	0.962	0.17	5.11m	300
802.11ax HEW40_Nss1,(MCS0)_2TX	0.93	0.32	5.445m	300
802.11ax HEW80_Nss1,(MCS0)_2TX	0.929	0.32	5.445m	300
802.11ax HEW160_Nss1,(MCS0)_2TX	0.928	0.32	5.445m	300
802.11a_Nss1,(6Mbps)_4TX	0.967	0.15	1.977m	1k
802.11ax HEW20_Nss1,(MCS0)_4TX	0.921	0.36	5.445m	300
802.11ax HEW40_Nss1,(MCS0)_4TX	0.957	0.19	5.106m	300
802.11ax HEW80_Nss1,(MCS0)_4TX	0.959	0.18	4.931m	300
802.11ax HEW160_Nss1,(MCS0)_4TX	0.961	0.17	4.81m	300

For Scanning radio 3 antenna set 3 and antenna set 10

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.967	0.15	1.977m	1k
802.11ax HEW20	0.932	0.31	5.445m	300
802.11ax HEW40	0.957	0.19	5.076m	300
802.11ax HEW80	0.931	0.31	5.445m	300
802.11ax HEW160	0.961	0.17	4.85m	300

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From PoE / Power adapter / DC 48V			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/11ax in Iron radio 1 2.4GHz, 11n/11ac/11ax in Iron radio 1 5GHz and Pine radio 2 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☒	Outdoor P2M	☒	Indoor P2M
	☒	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☒	Point-to-point
TPC Function	☒	With TPC	☐	Without TPC
Channel Puncturing Function	☐	Supported	☒	Unsupported
Support RU	☒	Full RU	☐	Partial RU
Test Software Version	QSPR (Version 5.0-00201)			
Supported Software Product IDs	IW9167EH-B - Industrial Wireless 9167 AP IW9167EH-B-AP - Wi-Fi mode IW9167EH-B-URWB - URWB mode IW9167EH-B-WGB - WGB mode IW9167EH-ROW - Industrial Wireless 9167 AP IW9167EH-ROW-AP - Wi-Fi mode IW9167EH-ROW-URWB - URWB mode IW9167EH-ROW-WGB - WGB mode			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT support function

Function	Support Band
AP	2.4GHz, 5GHz, 4.9GHz
P2P/P2MP	2.4GHz, 5GHz, 4.9GHz

Note1: For above table list, only AP mode was tested and recorded in this test.
Note2: The above information was declared by manufacturer.

1.1.6 Table for Radio function

Radio (R)	WLAN 2.4GHz	5GHz UNII 1~UNII 3	4.9 GHz	Scanning radio (WLAN 2.4GHz / 5GHz UNII 1~UNII 3)	Bluetooth	GPS
R1 (Iron Radio)	V (AP: 20) (P2P/P2MP: 20)	V (AP: 20/40/80) (P2P/P2MP: 20/40/80)	V	-	-	-
R2 (Pine Radio)	-	V (AP: 20/40/80/160) (P2P/P2MP: 20/40/80/160)	V	-	-	-
R3 (Scanning Radio)	-	-	-	V (AP: 20/40/80/160) (P2P/P2MP: 20/40/80/160)	-	-
R4	-	-	-	-	V	-
R5	-	-	-	-	-	V

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 D01 v02r01
- 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 (For other item tests)	TH02-CB	Jay Lo	22.5~23.8 / 55~61	Aug. 17, 2022~Nov. 11, 2022
Radiated below 1GHz (For cabinet test)	10CH01-CB	Ryan Huang	22~23 / 53~55	Nov. 02, 2022~Dec. 15, 2022
Radiated above 1GHz (For cabinet test)	03CH01-CB	Chris Lee	23.1~24.3 / 57~60	Sep. 26, 2022~Oct. 15, 2022
	03CH06-CB		22.6~23.9 / 55~59	
AC Conduction	CO01-CB	Tim Chen	23~24 / 56~57	Nov. 03, 2022~Dec. 14, 2022

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)

For 10CH01-CB

For Before Nov. 04, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.9 dB	Confidence levels of 95%

For After Nov. 03, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.4 dB	Confidence levels of 95%

For other Test Site No.

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	5.2 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.7 dB	Confidence levels of 95%
Conducted Emission	3.2 dB	Confidence levels of 95%
Output Power Measurement	0.8 dB	Confidence levels of 95%
Power Density Measurement	3.2 dB	Confidence levels of 95%
Bandwidth Measurement	2.0 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For indoor/outdoor use
For Iron Radio 1
For Antenna set 3_20/40/80MHz

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	24
5300MHz	24
5320MHz	24
5500MHz	24
5580MHz	24
5700MHz	23.5
5720MHz Straddle 5.47-5.725GHz	24
5720MHz Straddle 5.725-5.85GHz	24
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	24
5300MHz	24
5320MHz	24
5500MHz	24
5580MHz	24
5700MHz	23.5
5720MHz Straddle 5.47-5.725GHz	24
5720MHz Straddle 5.725-5.85GHz	24
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	24
5310MHz	22.5
5510MHz	23.5
5550MHz	24
5670MHz	24
5710MHz Straddle 5.47-5.725GHz	24
5710MHz Straddle 5.725-5.85GHz	24
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	22
5530MHz	23
5610MHz	24
5690MHz Straddle 5.47-5.725GHz	24
5690MHz Straddle 5.725-5.85GHz	24
802.11a_Nss1,(6Mbps)_2TX	-

Mode	Power Setting
5260MHz	22.5
5300MHz	22.5
5320MHz	22
5500MHz	23
5580MHz	23
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	22.5
5300MHz	23
5320MHz	22
5500MHz	22.5
5580MHz	23.5
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	22.5
5310MHz	21
5510MHz	22
5550MHz	23
5670MHz	21
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	20
5530MHz	20
5610MHz	21.5
5690MHz Straddle 5.47-5.725GHz	21.5
5690MHz Straddle 5.725-5.85GHz	21.5
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	15
5300MHz	15.5
5320MHz	15.5
5500MHz	15
5580MHz	16
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5

Mode	Power Setting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	15.5
5300MHz	15.5
5320MHz	16
5500MHz	15.5
5580MHz	16.5
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	18
5310MHz	12
5510MHz	14.5
5550MHz	18.5
5670MHz	19
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	11
5530MHz	12.5
5610MHz	18.5
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	22.5
5300MHz	22.5
5320MHz	22
5500MHz	22.5
5580MHz	23.5
5700MHz	21.5
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	22.5
5310MHz	21
5510MHz	22
5550MHz	23
5670MHz	21
5710MHz Straddle 5.47-5.725GHz	21
5710MHz Straddle 5.725-5.85GHz	21

Mode	Power Setting
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	20
5530MHz	20
5610MHz	21.5
5690MHz Straddle 5.47-5.725GHz	21.5
5690MHz Straddle 5.725-5.85GHz	21.5
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	15
5300MHz	15.5
5320MHz	15.5
5500MHz	15
5580MHz	16
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	15.5
5310MHz	12
5510MHz	14.5
5550MHz	15.5
5670MHz	15.5
5710MHz Straddle 5.47-5.725GHz	16
5710MHz Straddle 5.725-5.85GHz	16
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	11
5530MHz	12.5
5610MHz	15.5
5690MHz Straddle 5.47-5.725GHz	16
5690MHz Straddle 5.725-5.85GHz	16

For Antenna set 10 P to M

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	14
5500MHz	14.5
5580MHz	15
5700MHz	14
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	14.5
5300MHz	14
5320MHz	14
5500MHz	14.5
5580MHz	15.5
5700MHz	14.5
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	14
5310MHz	12
5510MHz	14.5
5550MHz	14.5
5670MHz	14
5710MHz Straddle 5.47-5.725GHz	14.5
5710MHz Straddle 5.725-5.85GHz	14.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	9.5
5530MHz	14.5
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	16
5690MHz Straddle 5.725-5.85GHz	16
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	9
5300MHz	9.5
5320MHz	9.5
5500MHz	9.5
5580MHz	9.5
5700MHz	7

Mode	Power Setting
5720MHz Straddle 5.47-5.725GHz	9.5
5720MHz Straddle 5.725-5.85GHz	9.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	9
5300MHz	9.5
5320MHz	9.5
5500MHz	9.5
5580MHz	10
5700MHz	9.5
5720MHz Straddle 5.47-5.725GHz	9.5
5720MHz Straddle 5.725-5.85GHz	9.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	9
5310MHz	8.5
5510MHz	9.5
5550MHz	9.5
5670MHz	9
5710MHz Straddle 5.47-5.725GHz	10
5710MHz Straddle 5.725-5.85GHz	10
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	6
5530MHz	9.5
5610MHz	9.5
5690MHz Straddle 5.47-5.725GHz	10
5690MHz Straddle 5.725-5.85GHz	10
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	0
5300MHz	0
5320MHz	0
5500MHz	0
5580MHz	0
5700MHz	0
5720MHz Straddle 5.47-5.725GHz	0
5720MHz Straddle 5.725-5.85GHz	0
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	0
5300MHz	0
5320MHz	0
5500MHz	0
5580MHz	0

Mode	Power Setting
5700MHz	0
5720MHz Straddle 5.47-5.725GHz	0
5720MHz Straddle 5.725-5.85GHz	0
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	0
5310MHz	0
5510MHz	0
5550MHz	0
5670MHz	0
5710MHz Straddle 5.47-5.725GHz	0
5710MHz Straddle 5.725-5.85GHz	0
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	0
5530MHz	0
5610MHz	0
5690MHz Straddle 5.47-5.725GHz	0
5690MHz Straddle 5.725-5.85GHz	0
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	9
5300MHz	9.5
5320MHz	9.5
5500MHz	9.5
5580MHz	10
5700MHz	9.5
5720MHz Straddle 5.47-5.725GHz	9.5
5720MHz Straddle 5.725-5.85GHz	9.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	9
5310MHz	8.5
5510MHz	9.5
5550MHz	9.5
5670MHz	9
5710MHz Straddle 5.47-5.725GHz	10
5710MHz Straddle 5.725-5.85GHz	10
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	6
5530MHz	9.5
5610MHz	9.5
5690MHz Straddle 5.47-5.725GHz	10
5690MHz Straddle 5.725-5.85GHz	10

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	0
5300MHz	0
5320MHz	0
5500MHz	0
5580MHz	0
5700MHz	0
5720MHz Straddle 5.47-5.725GHz	0
5720MHz Straddle 5.725-5.85GHz	0
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	0
5310MHz	0
5510MHz	0
5550MHz	0
5670MHz	0
5710MHz Straddle 5.47-5.725GHz	0
5710MHz Straddle 5.725-5.85GHz	0
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	0
5530MHz	0
5610MHz	0
5690MHz Straddle 5.47-5.725GHz	0
5690MHz Straddle 5.725-5.85GHz	0

For Antenna set 10 P to P

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	14
5500MHz	14.5
5580MHz	15
5700MHz	14
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	14.5
5300MHz	14
5320MHz	14
5500MHz	14.5
5580MHz	15.5
5700MHz	14.5
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5310MHz	12
5510MHz	14.5
5550MHz	14.5
5670MHz	14
5710MHz Straddle 5.47-5.725GHz	14.5
5710MHz Straddle 5.725-5.85GHz	14.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	9.5
5530MHz	14.5
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	16
5690MHz Straddle 5.725-5.85GHz	16
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	9
5300MHz	9.5
5320MHz	9.5
5500MHz	9.5
5580MHz	9.5
5700MHz	7
5720MHz Straddle 5.47-5.725GHz	9.5

Mode	Power Setting
5720MHz Straddle 5.725-5.85GHz	9.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	9
5300MHz	9.5
5320MHz	9.5
5500MHz	9.5
5580MHz	10
5700MHz	9.5
5720MHz Straddle 5.47-5.725GHz	9.5
5720MHz Straddle 5.725-5.85GHz	9.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	9
5310MHz	8.5
5510MHz	9.5
5550MHz	9.5
5670MHz	9
5710MHz Straddle 5.47-5.725GHz	10
5710MHz Straddle 5.725-5.85GHz	10
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	6
5530MHz	9.5
5610MHz	9.5
5690MHz Straddle 5.47-5.725GHz	10
5690MHz Straddle 5.725-5.85GHz	10
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	0
5300MHz	0
5320MHz	0
5500MHz	0
5580MHz	0
5700MHz	0
5720MHz Straddle 5.47-5.725GHz	0
5720MHz Straddle 5.725-5.85GHz	0
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	0
5300MHz	0
5320MHz	0
5500MHz	0
5580MHz	0
5700MHz	0

Mode	Power Setting
5720MHz Straddle 5.47-5.725GHz	0
5720MHz Straddle 5.725-5.85GHz	0
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	0
5310MHz	0
5510MHz	0
5550MHz	0
5670MHz	0
5710MHz Straddle 5.47-5.725GHz	0
5710MHz Straddle 5.725-5.85GHz	0
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	0
5530MHz	0
5610MHz	0
5690MHz Straddle 5.47-5.725GHz	0
5690MHz Straddle 5.725-5.85GHz	0
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	9
5300MHz	9.5
5320MHz	9.5
5500MHz	9.5
5580MHz	10
5700MHz	9.5
5720MHz Straddle 5.47-5.725GHz	9.5
5720MHz Straddle 5.725-5.85GHz	9.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	9
5310MHz	8.5
5510MHz	9.5
5550MHz	9.5
5670MHz	9
5710MHz Straddle 5.47-5.725GHz	10
5710MHz Straddle 5.725-5.85GHz	10
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	6
5530MHz	9.5
5610MHz	9.5
5690MHz Straddle 5.47-5.725GHz	10
5690MHz Straddle 5.725-5.85GHz	10
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-

Mode	Power Setting
5260MHz	0
5300MHz	0
5320MHz	0
5500MHz	0
5580MHz	0
5700MHz	0
5720MHz Straddle 5.47-5.725GHz	0
5720MHz Straddle 5.725-5.85GHz	0
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	0
5310MHz	0
5510MHz	0
5550MHz	0
5670MHz	0
5710MHz Straddle 5.47-5.725GHz	0
5710MHz Straddle 5.725-5.85GHz	0
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	0
5530MHz	0
5610MHz	0
5690MHz Straddle 5.47-5.725GHz	0
5690MHz Straddle 5.725-5.85GHz	0

For Pine Radio 2
For Antenna set 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	17
5310MHz	16
5510MHz	16.5
5550MHz	17
5670MHz	17
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	15
5530MHz	16.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11ax HEW160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	15.5
5250MHz Straddle 5.25-5.35GHz	15.5
5570MHz	17
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	17

Mode	Power Setting
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	16
5500MHz	16
5580MHz	17
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	17
5310MHz	15
5510MHz	16
5550MHz	17
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	14
5530MHz	15
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	13.5
5250MHz Straddle 5.25-5.35GHz	13.5
5570MHz	14
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	15.5
5300MHz	15.5
5320MHz	15.5
5500MHz	15.5
5580MHz	15.5

Mode	Power Setting
5700MHz	15
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	16
5300MHz	16
5320MHz	15
5500MHz	15
5580MHz	15.5
5700MHz	14
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	16
5310MHz	12.5
5510MHz	13
5550MHz	17
5670MHz	14
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	11.5
5530MHz	10.5
5610MHz	16
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	10
5250MHz Straddle 5.25-5.35GHz	10
5570MHz	10
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	17
5300MHz	17
5320MHz	16
5500MHz	16
5580MHz	17
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-

Mode	Power Setting
5270MHz	17
5310MHz	15
5510MHz	16
5550MHz	17
5670MHz	16.5
5710MHz Straddle 5.47-5.725GHz	17
5710MHz Straddle 5.725-5.85GHz	17
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	14
5530MHz	15
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	13.5
5250MHz Straddle 5.25-5.35GHz	13.5
5570MHz	14
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	15
5300MHz	15
5320MHz	15
5500MHz	15
5580MHz	15.5
5700MHz	14
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	15
5310MHz	12.5
5510MHz	13
5550MHz	15.5
5670MHz	14
5710MHz Straddle 5.47-5.725GHz	16
5710MHz Straddle 5.725-5.85GHz	16
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	11.5
5530MHz	10.5
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	15.5
5690MHz Straddle 5.725-5.85GHz	15.5

Mode	Power Setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	10
5250MHz Straddle 5.25-5.35GHz	10
5570MHz	10

For Antenna set 10 P to M

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	15.5
5300MHz	15.5
5320MHz	16
5500MHz	15.5
5580MHz	16
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	15.5
5300MHz	16
5320MHz	16
5500MHz	15.5
5580MHz	16
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	16
5310MHz	11
5510MHz	15
5550MHz	16
5670MHz	16
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	13
5530MHz	14.5
5610MHz	16
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	13

Mode	Power Setting
5250MHz Straddle 5.25-5.35GHz	13
5570MHz	15.5
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	10
5300MHz	10
5320MHz	10.5
5500MHz	10.5
5580MHz	10.5
5700MHz	10.5
5720MHz Straddle 5.47-5.725GHz	10.5
5720MHz Straddle 5.725-5.85GHz	10.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	10
5300MHz	10.5
5320MHz	10
5500MHz	10.5
5580MHz	10.5
5700MHz	10.5
5720MHz Straddle 5.47-5.725GHz	11
5720MHz Straddle 5.725-5.85GHz	11
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	8.5
5310MHz	8
5510MHz	11
5550MHz	11
5670MHz	11
5710MHz Straddle 5.47-5.725GHz	11
5710MHz Straddle 5.725-5.85GHz	11
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	10
5530MHz	10
5610MHz	11
5690MHz Straddle 5.47-5.725GHz	10.5
5690MHz Straddle 5.725-5.85GHz	10.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	8.5
5250MHz Straddle 5.25-5.35GHz	8.5
5570MHz	10
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	3

Mode	Power Setting
5300MHz	3
5320MHz	3
5500MHz	3.5
5580MHz	3
5700MHz	3
5720MHz Straddle 5.47-5.725GHz	2
5720MHz Straddle 5.725-5.85GHz	2
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	3
5300MHz	3
5320MHz	3
5500MHz	3.5
5580MHz	2.5
5700MHz	3
5720MHz Straddle 5.47-5.725GHz	2
5720MHz Straddle 5.725-5.85GHz	2
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	5.5
5310MHz	5
5510MHz	6.5
5550MHz	6
5670MHz	6
5710MHz Straddle 5.47-5.725GHz	6
5710MHz Straddle 5.725-5.85GHz	6
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	5
5530MHz	6
5610MHz	6
5690MHz Straddle 5.47-5.725GHz	6
5690MHz Straddle 5.725-5.85GHz	6
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	4.5
5250MHz Straddle 5.25-5.35GHz	4.5
5570MHz	4.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	10
5300MHz	10.5
5320MHz	10
5500MHz	10.5
5580MHz	10.5

Mode	Power Setting
5700MHz	10.5
5720MHz Straddle 5.47-5.725GHz	11
5720MHz Straddle 5.725-5.85GHz	11
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	8.5
5310MHz	8
5510MHz	11
5550MHz	11
5670MHz	11
5710MHz Straddle 5.47-5.725GHz	11
5710MHz Straddle 5.725-5.85GHz	11
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	10
5530MHz	10
5610MHz	11
5690MHz Straddle 5.47-5.725GHz	10.5
5690MHz Straddle 5.725-5.85GHz	10.5
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	8.5
5250MHz Straddle 5.25-5.35GHz	8.5
5570MHz	10
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	3
5300MHz	3
5320MHz	3
5500MHz	3.5
5580MHz	2.5
5700MHz	2.5
5720MHz Straddle 5.47-5.725GHz	2
5720MHz Straddle 5.725-5.85GHz	2
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	3
5310MHz	3.5
5510MHz	3.5
5550MHz	3.5
5670MHz	3
5710MHz Straddle 5.47-5.725GHz	3
5710MHz Straddle 5.725-5.85GHz	3
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	3

Mode	Power Setting
5530MHz	3.5
5610MHz	3
5690MHz Straddle 5.47-5.725GHz	3
5690MHz Straddle 5.725-5.85GHz	6
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	4.5
5250MHz Straddle 5.25-5.35GHz	4.5
5570MHz	3

For Antenna set 10 P to P

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	15.5
5300MHz	15.5
5320MHz	16
5500MHz	15.5
5580MHz	16
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16
5720MHz Straddle 5.725-5.85GHz	16
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	15.5
5300MHz	16
5320MHz	16
5500MHz	15.5
5580MHz	16
5700MHz	16
5720MHz Straddle 5.47-5.725GHz	16.5
5720MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	16
5310MHz	11
5510MHz	15
5550MHz	16
5670MHz	16
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	13
5530MHz	14.5
5610MHz	16

Mode	Power Setting
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	13
5250MHz Straddle 5.25-5.35GHz	13
5570MHz	15.5
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	10
5300MHz	10
5320MHz	10.5
5500MHz	10.5
5580MHz	10.5
5700MHz	10.5
5720MHz Straddle 5.47-5.725GHz	10.5
5720MHz Straddle 5.725-5.85GHz	10.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	10
5300MHz	10.5
5320MHz	10
5500MHz	10.5
5580MHz	10.5
5700MHz	10.5
5720MHz Straddle 5.47-5.725GHz	11
5720MHz Straddle 5.725-5.85GHz	11
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	8.5
5310MHz	8
5510MHz	11
5550MHz	11
5670MHz	11
5710MHz Straddle 5.47-5.725GHz	11
5710MHz Straddle 5.725-5.85GHz	11
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	10
5530MHz	10
5610MHz	11
5690MHz Straddle 5.47-5.725GHz	10.5
5690MHz Straddle 5.725-5.85GHz	10.5
802.11ax HEW160_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	8.5

Mode	Power Setting
5250MHz Straddle 5.25-5.35GHz	8.5
5570MHz	10
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	3
5300MHz	3
5320MHz	3
5500MHz	3.5
5580MHz	3
5700MHz	3
5720MHz Straddle 5.47-5.725GHz	2
5720MHz Straddle 5.725-5.85GHz	2
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	3
5300MHz	3
5320MHz	3
5500MHz	3.5
5580MHz	2.5
5700MHz	3
5720MHz Straddle 5.47-5.725GHz	2
5720MHz Straddle 5.725-5.85GHz	2
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	5.5
5310MHz	5
5510MHz	6.5
5550MHz	6
5670MHz	6
5710MHz Straddle 5.47-5.725GHz	6
5710MHz Straddle 5.725-5.85GHz	6
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	5
5530MHz	6
5610MHz	6
5690MHz Straddle 5.47-5.725GHz	6
5690MHz Straddle 5.725-5.85GHz	6
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	4.5
5250MHz Straddle 5.25-5.35GHz	4.5
5570MHz	4.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	10

Mode	Power Setting
5300MHz	10.5
5320MHz	10
5500MHz	10.5
5580MHz	10.5
5700MHz	10.5
5720MHz Straddle 5.47-5.725GHz	11
5720MHz Straddle 5.725-5.85GHz	11
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	8.5
5310MHz	8
5510MHz	11
5550MHz	11
5670MHz	11
5710MHz Straddle 5.47-5.725GHz	11
5710MHz Straddle 5.725-5.85GHz	11
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	10
5530MHz	10
5610MHz	11
5690MHz Straddle 5.47-5.725GHz	10.5
5690MHz Straddle 5.725-5.85GHz	10.5
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-
5250MHz Straddle 5.15-5.25GHz	8.5
5250MHz Straddle 5.25-5.35GHz	8.5
5570MHz	10
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	3
5300MHz	3
5320MHz	3
5500MHz	3.5
5580MHz	2.5
5700MHz	2.5
5720MHz Straddle 5.47-5.725GHz	2
5720MHz Straddle 5.725-5.85GHz	2
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	3
5310MHz	3.5
5510MHz	3.5
5550MHz	3.5
5670MHz	3

Mode	Power Setting
5710MHz Straddle 5.47-5.725GHz	3.5
5710MHz Straddle 5.725-5.85GHz	3.5
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	3
5530MHz	3.5
5610MHz	3
5690MHz Straddle 5.47-5.725GHz	3
5690MHz Straddle 5.725-5.85GHz	3
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	4.5
5250MHz Straddle 5.25-5.35GHz	4.5
5570MHz	3

For Scanning radio 3
For Antenna set 3

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	18
5300MHz	18
5320MHz	18
5500MHz	18
5580MHz	18
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	18
5310MHz	18
5510MHz	18
5550MHz	18
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18

Mode	Power Setting
5710MHz Straddle 5.725-5.85GHz	18
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	17.5
5530MHz	18
5610MHz	18
5690MHz Straddle 5.47-5.725GHz	18
5690MHz Straddle 5.725-5.85GHz	18
802.11ax HEW160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	17.5
5250MHz Straddle 5.25-5.35GHz	17.5
5570MHz	18

For Antenna set 10 P to M

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	14
5500MHz	13.5
5580MHz	13
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	12
5720MHz Straddle 5.725-5.85GHz	12
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	14.5
5500MHz	14
5580MHz	13
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	14.5
5720MHz Straddle 5.725-5.85GHz	14.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	14
5310MHz	13.5
5510MHz	12.5
5550MHz	13.5
5670MHz	12.5
5710MHz Straddle 5.47-5.725GHz	13.5
5710MHz Straddle 5.725-5.85GHz	13.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-

Mode	Power Setting
5290MHz	13
5530MHz	10
5610MHz	13
5690MHz Straddle 5.47-5.725GHz	13
5690MHz Straddle 5.725-5.85GHz	13
802.11ax HEW160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	10.5
5250MHz Straddle 5.25-5.35GHz	10.5
5570MHz	8.5

For Antenna set 10 P to P

Mode	Power Setting
802.11a_Nss1,(6Mbps)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	14
5500MHz	13.5
5580MHz	13
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	12
5720MHz Straddle 5.725-5.85GHz	12
802.11ax HEW20_Nss1,(MCS0)_1TX	-
5260MHz	14
5300MHz	14
5320MHz	14.5
5500MHz	14
5580MHz	13
5700MHz	13
5720MHz Straddle 5.47-5.725GHz	14.5
5720MHz Straddle 5.725-5.85GHz	14.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-
5270MHz	14
5310MHz	13.5
5510MHz	12.5
5550MHz	13.5
5670MHz	12.5
5710MHz Straddle 5.47-5.725GHz	13.5
5710MHz Straddle 5.725-5.85GHz	13.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-
5290MHz	13
5530MHz	10

Mode	Power Setting
5610MHz	13
5690MHz Straddle 5.47-5.725GHz	13
5690MHz Straddle 5.725-5.85GHz	13
802.11ax HEW160_Nss1,(MCS0)_1TX	-
5250MHz Straddle 5.15-5.25GHz	10.5
5250MHz Straddle 5.25-5.35GHz	10.5
5570MHz	8.5

Note:
- For Iron R1: evaluated HEW20/HEW40/HEW80 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- For Pine R2 and Scanning R3: evaluated HEW20/HEW40/HEW80/HEW160 mode only due to the similar modulation. The power setting of HT20/HT40/VHT20/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.

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 + Iron R1 : 2.4GHz + adapter
2	EUT + Iron R1 : 2.4GHz + PoE
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~7 will follow this same test mode.	
3	EUT + Iron R1 : 5GHz + adapter
4	EUT + Pine R2 : 5GHz + adapter
5	EUT + Scanning R3 : 2.4GHz + adapter
6	EUT + Scanning R3 : 5GHz + adapter
7	EUT + R4 : Bluetooth + adapter
8	EUT + Iron R1 : 2.4GHz + Ethernet cable + DC 48V
9	EUT + Iron R1 : 2.4GHz + Ethernet cable + PoE
Mode 8 has been evaluated to be the worst case among Mode 8~9, thus measurement for Mode 10~14 will follow this same test mode.	
10	EUT + Iron R1 : 5GHz + Ethernet cable + DC 48V
11	EUT + Pine R2 : 5GHz + Ethernet cable + DC 48V
12	EUT + Scanning R3 : 2.4GHz + Ethernet cable + DC 48V
13	EUT + Scanning R3 : 5GHz + Ethernet cable + DC 48V
14	EUT + R4 : Bluetooth + Ethernet cable + DC 48V
For operating mode 6 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 Power Spectral Density Unwanted Emissions above 1GHz
Test Condition	Conducted measurement at transmit chains
1	Iron R1 : 5GHz
2	Pine R2 : 5GHz
3	Scanning R3 : 5GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions below 1GHz
Test Condition	Conducted measurement at transmit chains
1	Iron R1 : 2.4GHz
2	Iron R1 : 5GHz
3	Pine R2 : 5GHz
4	Scanning R3 : 2.4GHz
5	Scanning R3 : 5GHz
6	R4 : Bluetooth
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement
Operating Mode < 1GHz	CTX (Cabinet)
	The EUT was performed at the X axis, Y axis, and Z axis position for Unwanted Emissions above 1GHz test, and the worst case axis was found and listed below. So the measurement will follow this same test configuration.
1	EUT in Y axis + Iron R1 : 2.4GHz + adapter
2	EUT in Y axis + Iron R1 : 2.4GHz + PoE
Mode 2 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~7 will follow this same test mode.	
3	EUT in Y axis + Iron R1 : 5GHz + PoE
4	EUT in Y axis + Pine R2 : 5GHz + PoE
5	EUT in Y axis + Scanning R3 : 2.4GHz + PoE
6	EUT in Z axis + Scanning R3 : 5GHz + PoE
7	EUT in Y axis + R4 : Bluetooth + PoE
8	EUT in Y axis + Iron R1 : 2.4GHz + Ethernet cable + DC 48V
9	EUT in Y axis + Iron R1 : 2.4GHz + Ethernet cable + PoE
Mode 9 has been evaluated to be the worst case among Mode 8~9, thus measurement for Mode 10~14 will follow this same test mode.	
10	EUT in Y axis + Iron R1 : 5GHz + Ethernet cable + PoE
11	EUT in Y axis + Pine R2 : 5GHz + Ethernet cable + PoE
12	EUT in Y axis + Scanning R3 : 2.4GHz + Ethernet cable + PoE
13	EUT in Z axis + Scanning R3 : 5GHz + Ethernet cable + PoE

14	EUT in Y axis + R4 : Bluetooth + Ethernet cable + PoE
For operating mode 5 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX (Cabinet)
	The EUT was performed at the X axis, Y axis, and Z axis position, and the worst case axis was found and listed below. So the measurement will follow this same test configuration.
1	EUT in Y axis + Iron R1 : 5GHz
2	EUT in Y axis + Pine R2 : 5GHz
3	EUT in Z axis + Scanning R3 : 5GHz

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Conducted Emission Co-location
Test Condition	Conducted measurement at transmit chains
Operating Mode	CTX
1	Iron R1 (2.4GHz) + Iron R1 (5GHz) + Scanning R3 (2.4GHz) + R4 (Bluetooth)
2	Iron R1 (2.4GHz) + Iron R1 (5GHz) + Scanning R3 (5GHz port 2) + R4 (Bluetooth)
3	Pine R2 (5GHz) + Scanning R3 (5GHz port 1)
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (4.9GHz / 5GHz) + Scanning R3 (2.4GHz) + R4 (Bluetooth)
2	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (4.9GHz / 5GHz) + Scanning R3 (5GHz port 2) + R4 (Bluetooth)
3	Iron R1 (2.4GHz) + Iron R1 (4.9GHz / 5GHz) + Pine R2 (4.9GHz / 5GHz) + Scanning R3 (5GHz port 1) + R4 (Bluetooth)
Refer to Sporton Test Report No.: FA281101 for Co-location RF Exposure Evaluation.	

Note: The Adapter and PoE are for measurement only, would not be marketed.

Adapter and PoE information as below:

Power	Brand	Model
Adapter	LITEON	PA-1600-1C
PoE	CISCO	POE075U-1BT-C

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories
Sealing collar*3
Wall-mounted rack*2
Grounding wire*1, Non shielded, 0.8m
DC cable*1, Non shielded, 2.6m
DC cable connect*1
Ethernet cable*2, Shielded, 3m
Ethernet cable connect*2

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E6430	N/A
B	Adapter	LITEON	PA-1600-1C	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	PHIHONG	POE075U-1BT-C	N/A
B	LAN NB	DELL	E6430	N/A

For Radiated (above 1GHz):

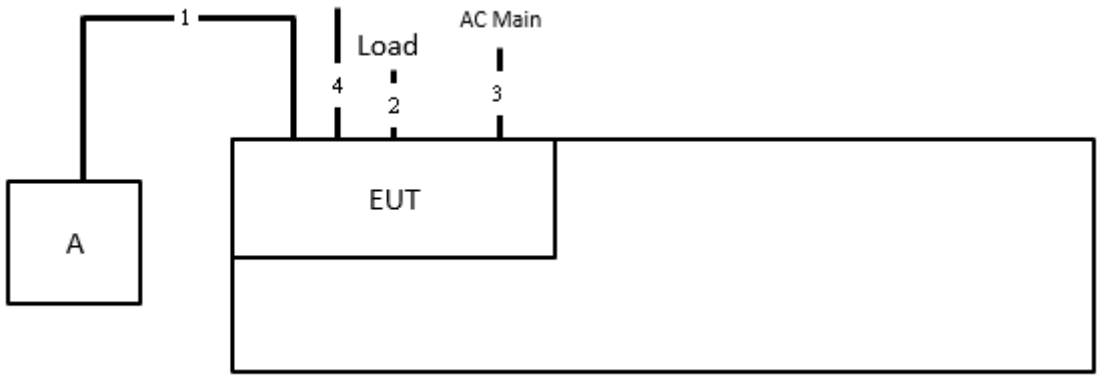
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Adapter	LITEON	PA-1600-1C	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Adapter	LITEON	PA-1600-1C	N/A

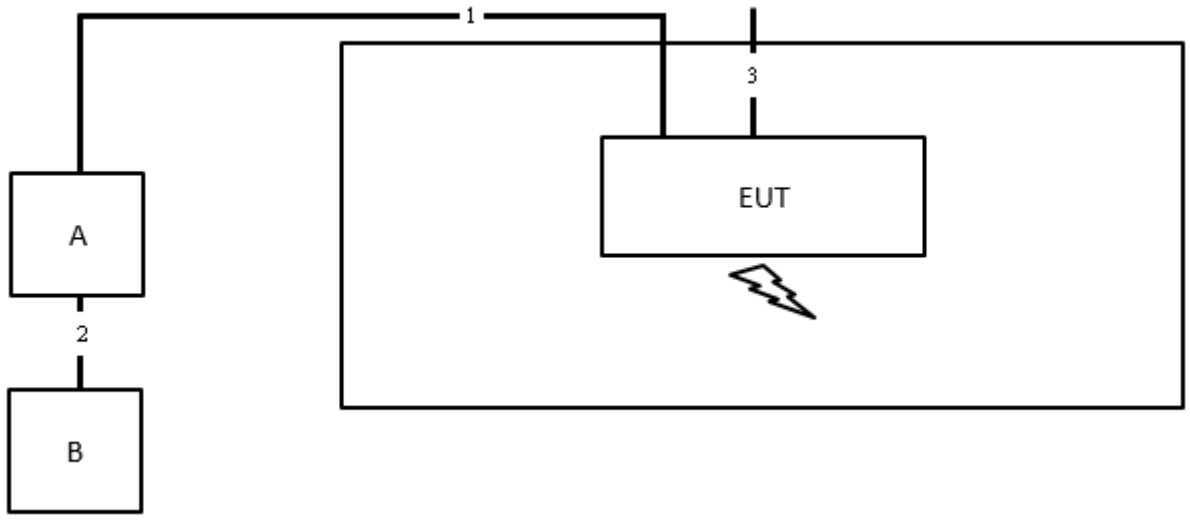
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



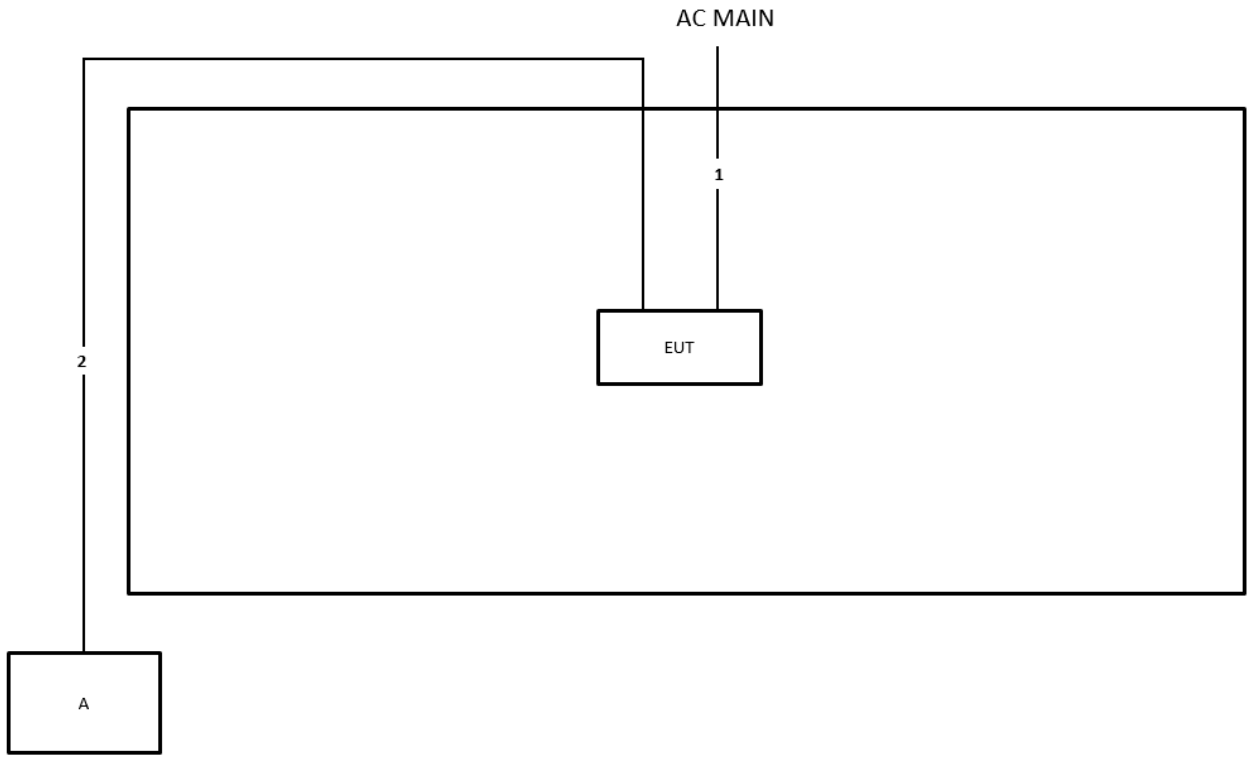
Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	1.5m
3	Power cable	No	2.6m
4	GND cable	No	0.8m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	RJ-45 cable	No	3m
3	GND cable	No	0.8m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	2.6m
2	RJ-45 cable	No	10m

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

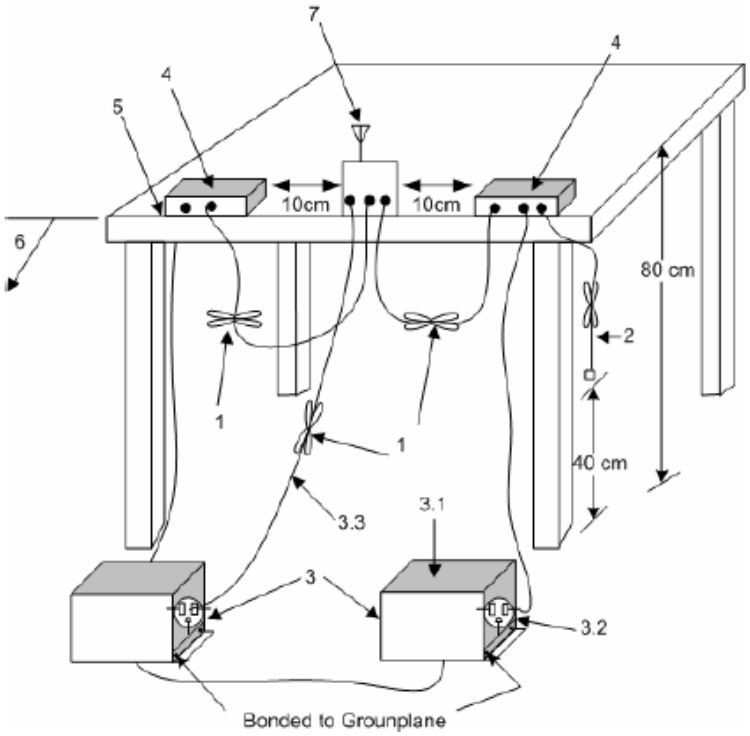
Refer a test equipment and calibration data table in this test report.

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

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

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 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 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 ≥ 500kHz.
☐	For the 5.85-5.895 GHz band, 26 dB emission bandwidth ,N/A. 6 dB emission bandwidth ≥ 500kHz.
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 ≥ 500kHz.

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as 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

Emission Bandwidth
 Spectrum Analyzer — EUT

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:
	▪ Outdoor AP: 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). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, 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:
	▪ Point-to-multipoint systems (P2M): 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).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the

	lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, G_{TX} = the maximum transmitting antenna directional gain in dBi.	

3.3.2 Measuring Instruments

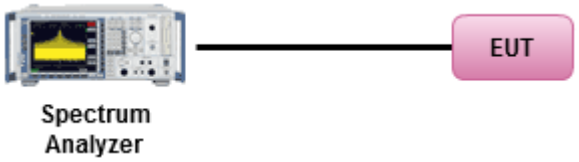
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method	
	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: $P_{total} = P_1 + P_2 + \ldots + P_n$ (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

For Straddle channel

Conducted Measurement (Spectrum Analyzer)


For other channel

Conducted Measurement (Power Meter)


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:
	▪ Outdoor AP: 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).
	▪ Indoor AP: 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).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
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° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	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:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	

power shall be used to determine the power spectral density. And power spectral density in dBm/MHz
G_{TX} = the maximum transmitting antenna directional gain in dBi.

3.4.2 Measuring Instruments

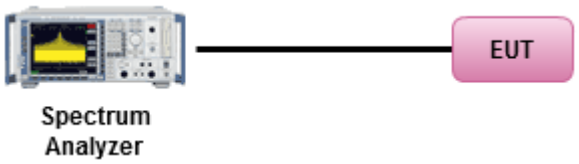
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as 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: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm])

Test Method		
		$EIRP_{total} = PPSD_{total} + DG$
☐	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.
	▪	Refer as FCC KDB 412172 D01 clause 2.2 for EIRP calculation.

3.4.4 Test Setup

Conducted Measurement


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.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an

	e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
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 ≥ 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 ≥ 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.			

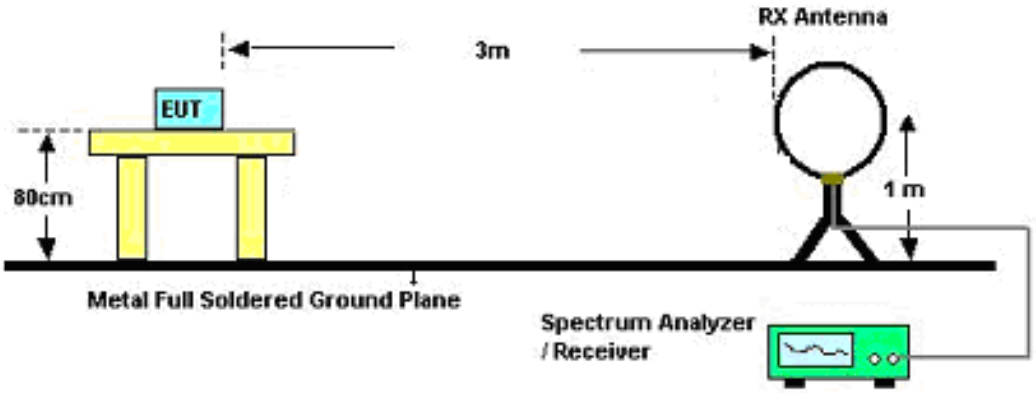
Test Method
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

Test Method	
▪ For conducted and cabinet radiation measurement, refer as FCC KDB 789033 D02, clause G)3).	
	▪ For conducted unwanted emissions into non-restricted bands (relative emission limits). Devices with multiple transmit chains: Refer as FCC KDB 662911, when testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding 10 log(N) if the measurements are made relative to the in-band emissions on the individual outputs.
	▪ For conducted unwanted emissions into restricted bands (absolute emission limits). Devices with multiple transmit chains using options given below: (1) Measure and sum the spectra across the outputs or (2) Measure and add 10 log(N) dB
	▪ For FCC KDB 662911 The methodology described here may overestimate array gain, thereby resulting in apparent failures to satisfy the out-of-band limits even if the device is actually compliant. In such cases, compliance may be demonstrated by performing radiated tests around the frequencies at which the apparent failures occurred.

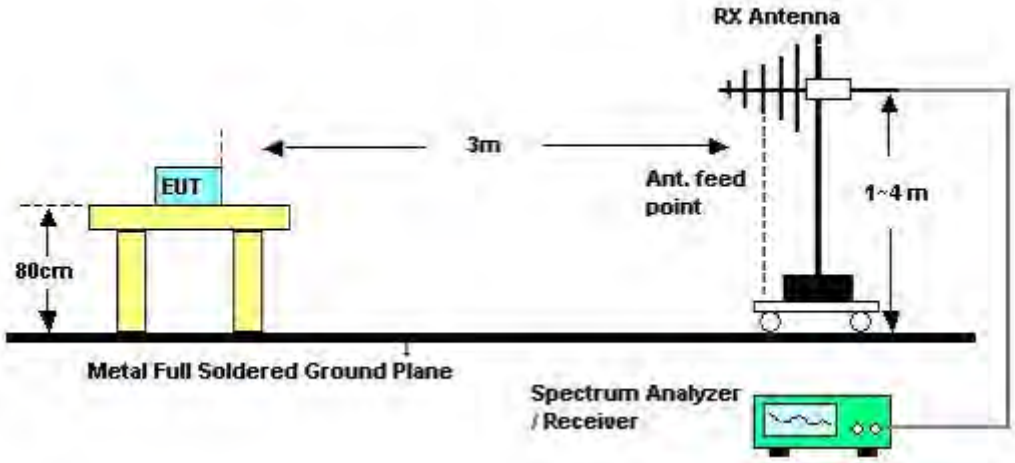
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

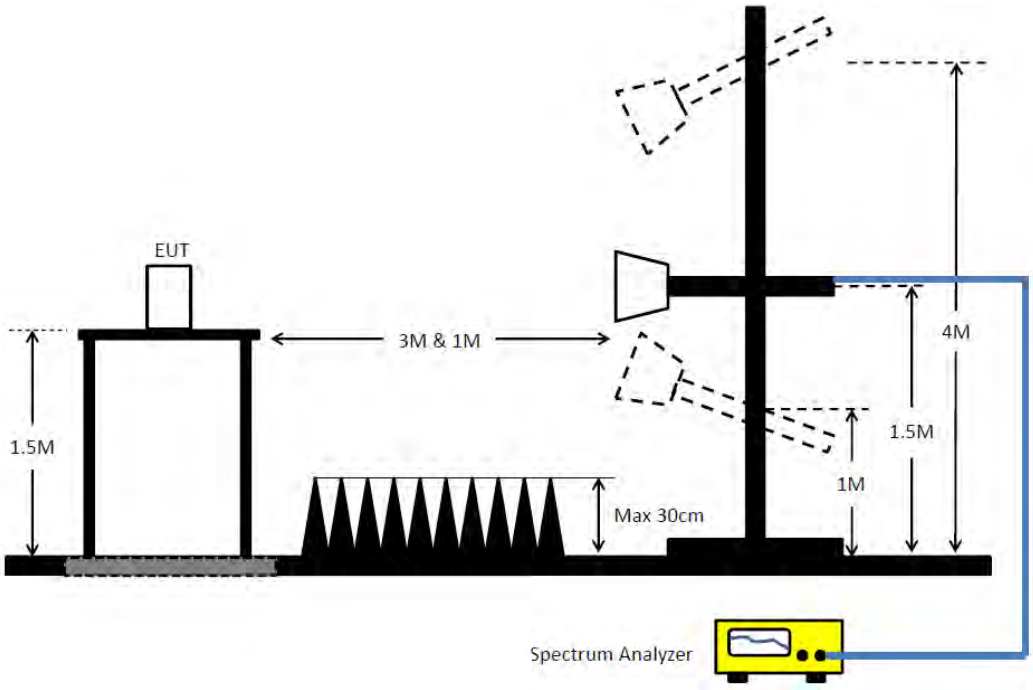
9kHz ~30MHz



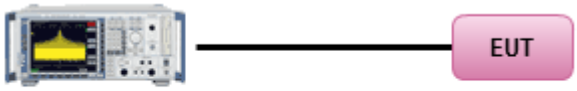
30MHz~1GHz



Above 1GHz



Transmitter Conducted Unwanted Emissions



Spectrum Analyzer

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
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Feb. 22, 2022	Feb. 21, 2023	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Feb. 09, 2022	Feb. 08, 2023	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Apr. 12, 2022	Apr. 11, 2023	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Feb. 10, 2022	Feb. 09, 2023	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 18, 2022	May 17, 2023	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (10CH01-CB)
10m Semi Anechoic Chamber NSA	TDK	SAC-10M	10CH01-CB	30MHz~1GHz 10m,3m	Jan. 27, 2022	Jan. 26, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10783	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Amplifier	Agilent	8447D	2944A10784	9kHz ~ 1.3GHz	Mar. 11, 2022	Mar. 10, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-01	25MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
Low Cable	Woken	SUCOFLEX 104	low cable-02	25MHz ~ 1GHz	Oct. 18, 2022	Oct. 17, 2023	Radiation (10CH01-CB)
Biconical Antenna	Schwarzbeck	VHBB 9124	324	30MHz ~ 200MHz	Jun. 11, 2022	Jun. 10, 2023	Radiation (10CH01-CB)
Log Antenna	Schwarzbeck	VUSLP 9111	247	200MHz ~ 1GHz	Jun. 11, 2022	Jun. 10, 2023	Radiation (10CH01-CB)
EMI Test Receiver	Rohde& Schwarz	ESCI	100186	9kHz ~ 3GHz	Jul. 11, 2022	Jul. 10, 2023	Radiation (10CH01-CB)
Spectrum Analyzer	Rohde& Schwarz	FSV30	101026	9kHz ~ 30GHz	Apr. 22, 2022	Apr. 21, 2023	Radiation (10CH01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (10CH01-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH01-CB	1GHz ~18GHz 3m	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 06, 2021	Nov. 05, 2022	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02121	1GHz ~ 26.5GHz	May 19, 2022	May 18, 2023	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH01-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 06, 2022	May 05, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH01-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH01-CB)
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. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Sep. 30, 2022	Sep. 29, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 09, 2022	Aug. 08, 2023	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBEAK	BBHA9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2022	Aug. 21, 2023	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	Aug 02, 2022	Aug 01, 2023	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 20, 2022	Jul. 19, 2023	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+67	1GHz~18GHz	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH06-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Aug. 15, 2022	Aug. 14, 2023	Conducted (TH02-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Oct. 25, 2021	Oct. 24, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 03, 2022	Oct. 02, 2023	Conducted (TH02-CB)
Switch	SPTCB	SP-SWI	SWI-02	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

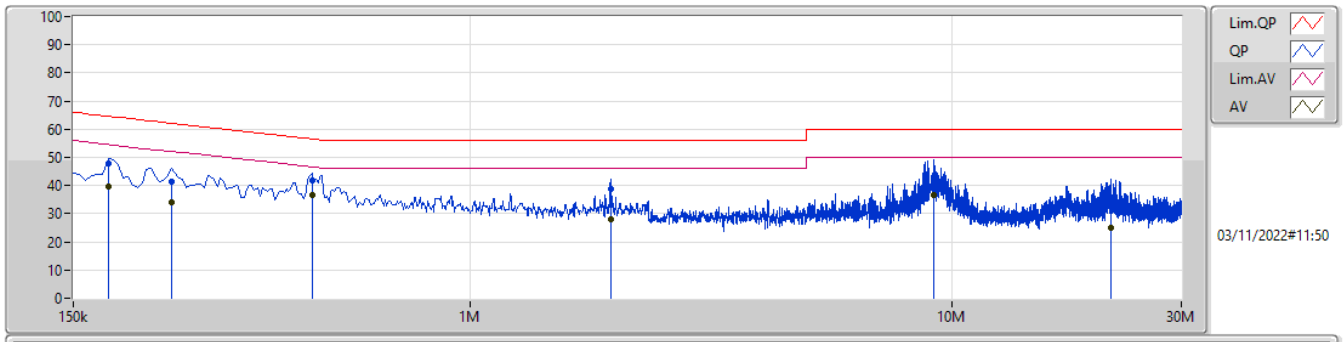
Note: Calibration Interval of instruments listed above is one year.

N.C.R. means Non-Calibration required.

Summary

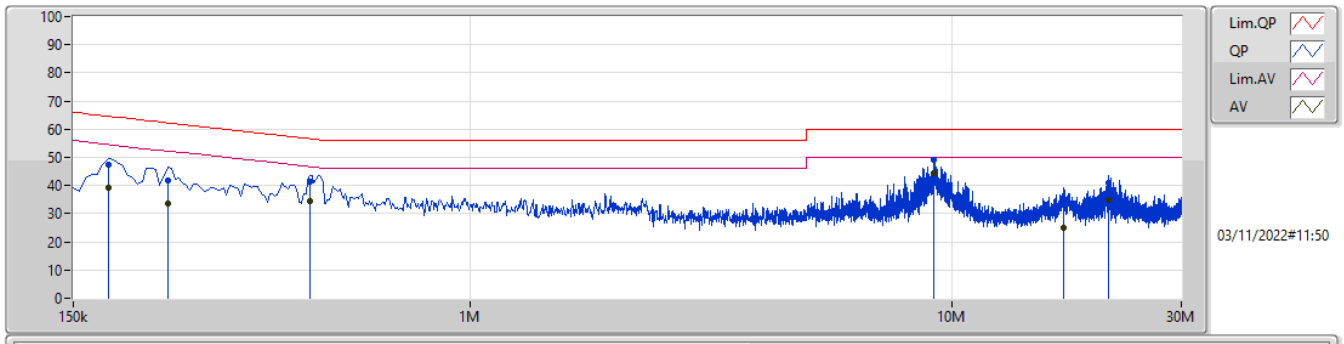
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 6	Pass	AV	9.173M	44.20	50.00	-5.80	Neutral

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	177k	47.82	64.62	-16.80	9.99	Line	-	37.83	0.06	0.04	9.89
AV	177k	39.50	54.62	-15.12	9.99	Line	-	29.51	0.06	0.04	9.89
QP	240k	41.52	62.10	-20.58	10.00	Line	-	31.52	0.06	0.05	9.89
AV	240k	33.90	52.10	-18.20	10.00	Line	-	23.90	0.06	0.05	9.89
QP	469.5k	41.70	56.52	-14.82	10.01	Line	-	31.69	0.06	0.06	9.89
AV	469.5k	36.64	46.52	-9.88	10.01	Line	-	26.63	0.06	0.06	9.89
QP	1.959M	38.81	56.00	-17.19	10.07	Line	-	28.74	0.09	0.09	9.89
AV	1.959M	27.98	46.00	-18.02	10.07	Line	-	17.91	0.09	0.09	9.89
QP	9.173M	41.36	60.00	-18.64	10.27	Line	-	31.09	0.21	0.15	9.91
AV	9.173M	36.54	50.00	-13.46	10.27	Line	"Worst"	26.27	0.21	0.15	9.91
QP	21.404M	32.35	60.00	-27.65	10.52	Line	-	21.83	0.32	0.24	9.96
AV	21.404M	24.96	50.00	-25.04	10.52	Line	-	14.44	0.32	0.24	9.96

Mode 6



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	177k	47.34	64.62	-17.28	10.00	Neutral	-	37.34	0.07	0.04	9.89
AV	177k	39.38	54.62	-15.24	10.00	Neutral	-	29.38	0.07	0.04	9.89
QP	235.5k	41.85	62.25	-20.40	10.00	Neutral	-	31.85	0.07	0.04	9.89
AV	235.5k	33.54	52.25	-18.71	10.00	Neutral	-	23.54	0.07	0.04	9.89
QP	465k	41.40	56.61	-15.21	10.02	Neutral	-	31.38	0.07	0.06	9.89
AV	465k	34.58	46.61	-12.03	10.02	Neutral	-	24.56	0.07	0.06	9.89
QP	9.173M	48.93	60.00	-11.07	10.29	Neutral	-	38.64	0.23	0.15	9.91
AV	9.173M	44.20	50.00	-5.80	10.29	Neutral	"Worst"	33.91	0.23	0.15	9.91
QP	17.115M	33.38	60.00	-26.62	10.43	Neutral	-	22.95	0.29	0.19	9.95
AV	17.115M	24.87	50.00	-25.13	10.43	Neutral	-	14.44	0.29	0.19	9.95
QP	21.161M	41.16	60.00	-18.84	10.50	Neutral	-	30.66	0.30	0.24	9.96
AV	21.161M	34.98	50.00	-15.02	10.50	Neutral	-	24.48	0.30	0.24	9.96

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	20.52M	16.508M	16M6D1D	20.13M	16.486M
802.11ax HEW20_Nss1,(MCS0)_1TX	22.02M	18.999M	19M0D1D	21.75M	18.966M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.58M	38.022M	38M0D1D	40.86M	38.011M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.44M	77.429M	77M5D1D	82.44M	77.429M
802.11a_Nss1,(6Mbps)_2TX	20.16M	16.472M	16M5D1D	19.53M	16.436M
802.11ax HEW20_Nss1,(MCS0)_2TX	22.71M	18.98M	19M0D1D	21.18M	18.923M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.46M	38.012M	38M0D1D	40.98M	37.942M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.374M	77M4D1D	82.32M	77.339M
802.11a_Nss1,(6Mbps)_4TX	19.68M	16.482M	16M5D1D	19.32M	16.384M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.9M	18.981M	19M0D1D	21M	18.896M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.34M	37.994M	38M0D1D	40.62M	37.829M
802.11ax HEW80_Nss1,(MCS0)_4TX	83.4M	77.52M	77M6D1D	81.96M	77.259M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.83M	16.457M	16M5D1D	15.285M	13.317M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.69M	18.958M	19M0D1D	15.6M	14.521M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.58M	37.983M	38M0D1D	35.525M	33.886M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.68M	77.459M	77M5D1D	76.35M	73.426M
802.11a_Nss1,(6Mbps)_2TX	19.77M	16.539M	16M6D1D	14.685M	13.282M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.96M	19.008M	19M0D1D	15.45M	14.49M
802.11ax HEW40_Nss1,(MCS0)_2TX	40.98M	37.964M	38M0D1D	35.91M	33.862M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.44M	77.416M	77M5D1D	76.2M	73.226M
802.11a_Nss1,(6Mbps)_4TX	19.98M	16.491M	16M5D1D	14.625M	13.26M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.63M	19M	19M0D1D	15.36M	14.458M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.34M	38.013M	38M0D1D	35.35M	33.852M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.8M	77.429M	77M5D1D	75.975M	73.173M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.12M	3.467M	3M47D1D	3.12M	3.467M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.44M	4.567M	4M57D1D	4.44M	4.567M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.98M	4.173M	4M17D1D	3.98M	4.173M
802.11ax HEW80_Nss1,(MCS0)_1TX	4.08M	4.455M	4M46D1D	4.08M	4.455M
802.11a_Nss1,(6Mbps)_2TX	3.08M	3.529M	3M53D1D	2.96M	3.43M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.5M	4.571M	4M57D1D	4.32M	4.567M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.04M	4.338M	4M34D1D	3.92M	4.088M
802.11ax HEW80_Nss1,(MCS0)_2TX	3.94M	4.837M	4M84D1D	3.88M	4.204M
802.11a_Nss1,(6Mbps)_4TX	3.1M	3.437M	3M44D1D	3.08M	3.386M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.44M	4.563M	4M56D1D	4.36M	4.545M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.94M	4.119M	4M12D1D	3.84M	4.081M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.04M	4.175M	4M18D1D	3.82M	4.12M

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	20.46M	16.498M						
5300MHz	Pass	Inf	20.52M	16.508M						
5320MHz	Pass	Inf	20.13M	16.486M						
5500MHz	Pass	Inf	19.41M	16.45M						
5580MHz	Pass	Inf	19.47M	16.449M						
5700MHz	Pass	Inf	19.83M	16.457M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.285M	13.317M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.467M						
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	18.977M						
5300MHz	Pass	Inf	22.02M	18.999M						
5320MHz	Pass	Inf	21.75M	18.966M						
5500MHz	Pass	Inf	21.42M	18.931M						
5580MHz	Pass	Inf	21.6M	18.958M						
5700MHz	Pass	Inf	21.69M	18.933M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.6M	14.521M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.567M						
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.58M	38.011M						
5310MHz	Pass	Inf	40.86M	38.022M						
5510MHz	Pass	Inf	41.16M	37.968M						
5550MHz	Pass	Inf	40.8M	37.983M						
5670MHz	Pass	Inf	41.58M	37.952M						
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.525M	33.886M						
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.173M						
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.429M						
5530MHz	Pass	Inf	82.32M	77.459M						
5610MHz	Pass	Inf	82.68M	77.421M						
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.426M						
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.455M						
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.83M	16.44M	20.1M	16.453M				
5300MHz	Pass	Inf	19.71M	16.472M	20.16M	16.46M				
5320MHz	Pass	Inf	19.53M	16.458M	19.71M	16.436M				
5500MHz	Pass	Inf	19.44M	16.456M	19.65M	16.463M				
5580MHz	Pass	Inf	19.77M	16.48M	19.74M	16.458M				
5700MHz	Pass	Inf	19.53M	16.539M	19.26M	16.436M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.685M	13.282M	15.075M	13.296M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	2.96M	3.43M	3.08M	3.529M				
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.54M	18.932M	21.51M	18.961M				
5300MHz	Pass	Inf	21.48M	18.942M	22.71M	18.98M				
5320MHz	Pass	Inf	21.18M	18.923M	21.42M	18.952M				
5500MHz	Pass	Inf	21.51M	18.951M	21.39M	18.939M				
5580MHz	Pass	Inf	21.45M	18.891M	21.87M	18.964M				
5700MHz	Pass	Inf	21.96M	19.008M	21.45M	18.942M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.45M	14.49M	15.96M	14.558M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.571M	4.32M	4.567M				
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.46M	37.957M	41.46M	37.982M				
5310MHz	Pass	Inf	41.16M	38.012M	40.98M	37.942M				
5510MHz	Pass	Inf	40.98M	37.964M	40.86M	37.96M				
5550MHz	Pass	Inf	40.86M	37.916M	40.98M	37.928M				

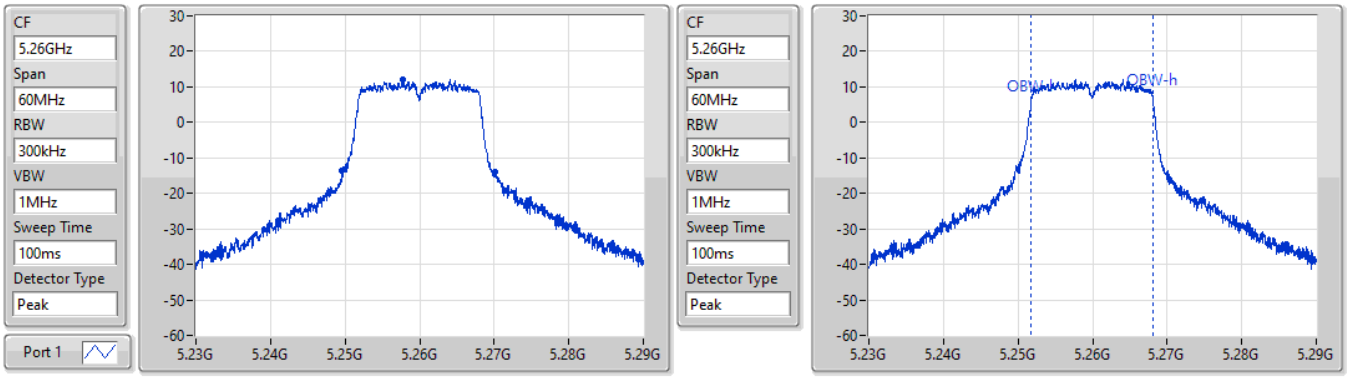
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5670MHz	Pass	Inf	40.38M	37.771M	40.92M	37.931M				
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.98M	33.862M	35.91M	33.956M				
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.088M	4.04M	4.338M				
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.44M	77.339M	82.32M	77.374M				
5530MHz	Pass	Inf	82.2M	77.227M	82.2M	77.416M				
5610MHz	Pass	Inf	82.44M	77.116M	81.84M	77.301M				
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.35M	73.482M	76.2M	73.226M				
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.204M	3.94M	4.837M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.5M	16.482M	19.38M	16.477M	19.56M	16.461M	19.32M	16.428M
5300MHz	Pass	Inf	19.53M	16.457M	19.47M	16.456M	19.41M	16.384M	19.35M	16.433M
5320MHz	Pass	Inf	19.47M	16.458M	19.38M	16.436M	19.68M	16.469M	19.53M	16.431M
5500MHz	Pass	Inf	19.56M	16.444M	19.08M	16.407M	19.29M	16.424M	19.47M	16.434M
5580MHz	Pass	Inf	19.44M	16.491M	19.02M	16.357M	19.35M	16.434M	19.29M	16.441M
5700MHz	Pass	Inf	18.99M	16.316M	19.2M	16.367M	19.98M	16.477M	19.56M	16.439M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.955M	13.391M	14.745M	13.331M	14.625M	13.26M	14.805M	13.3M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.407M	3.08M	3.432M	3.1M	3.437M	3.1M	3.386M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.21M	18.904M	21.3M	18.896M	21.45M	18.981M	21.51M	18.94M
5300MHz	Pass	Inf	21.9M	18.927M	21.72M	18.908M	21.21M	18.942M	21.27M	18.921M
5320MHz	Pass	Inf	21.51M	18.916M	21M	18.924M	21.72M	18.952M	21.72M	18.939M
5500MHz	Pass	Inf	21M	18.915M	21.48M	18.936M	21.3M	18.925M	21.09M	18.941M
5580MHz	Pass	Inf	21.15M	18.972M	21.63M	19M	21.33M	18.919M	21.24M	18.945M
5700MHz	Pass	Inf	20.97M	18.837M	21.06M	18.859M	21.54M	18.982M	21.06M	18.94M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.36M	14.458M	15.645M	14.562M	15.555M	14.515M	15.585M	14.505M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.563M	4.36M	4.545M	4.42M	4.558M	4.36M	4.561M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.86M	37.919M	40.62M	37.885M	41.04M	37.889M	41.34M	37.994M
5310MHz	Pass	Inf	41.22M	37.909M	41.16M	37.928M	40.62M	37.829M	41.04M	37.976M
5510MHz	Pass	Inf	40.5M	37.827M	40.56M	37.917M	41.34M	38.005M	41.22M	37.927M
5550MHz	Pass	Inf	40.86M	37.852M	40.8M	37.822M	40.8M	38.013M	40.92M	37.957M
5670MHz	Pass	Inf	40.74M	37.862M	41.04M	37.843M	41.34M	37.969M	40.62M	37.905M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.35M	33.852M	35.63M	33.889M	35.455M	33.871M	35.56M	33.902M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.84M	4.081M	3.9M	4.119M	3.94M	4.104M	3.92M	4.109M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.56M	77.443M	82.08M	77.259M	81.96M	77.349M	83.4M	77.52M
5530MHz	Pass	Inf	81.96M	77.16M	82.2M	77.34M	82.68M	77.349M	82.68M	77.263M
5610MHz	Pass	Inf	82.2M	77.222M	82.44M	77.094M	82.32M	77.429M	82.8M	77.403M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.379M	76.05M	73.173M	76.5M	73.301M	76.425M	73.255M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.12M	3.82M	4.164M	3.96M	4.134M	4.04M	4.175M

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

802.11a_Nss1,(6Mbps)_1TX EBW

5260MHz

18/08/2022

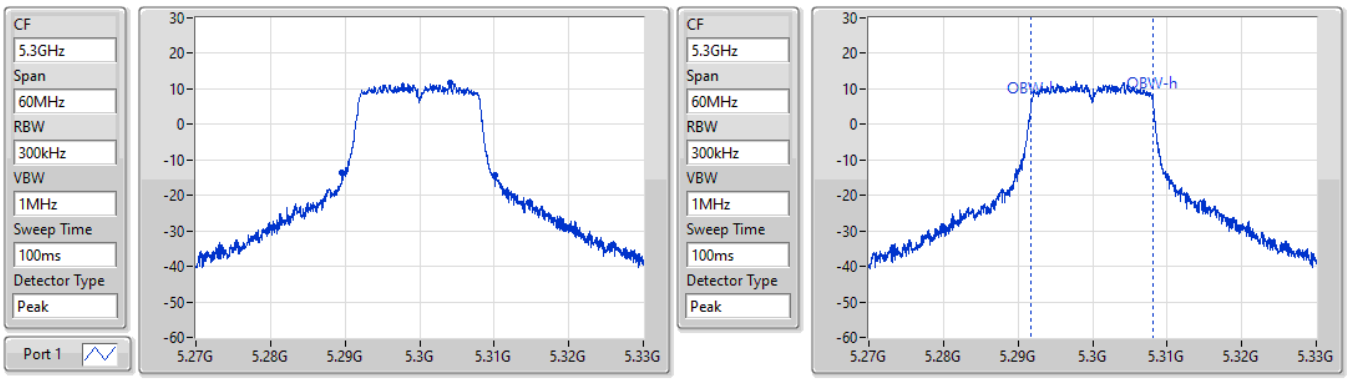


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.24962G	5.27008G	16.498M	5.25166G	5.268158G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5300MHz

18/08/2022

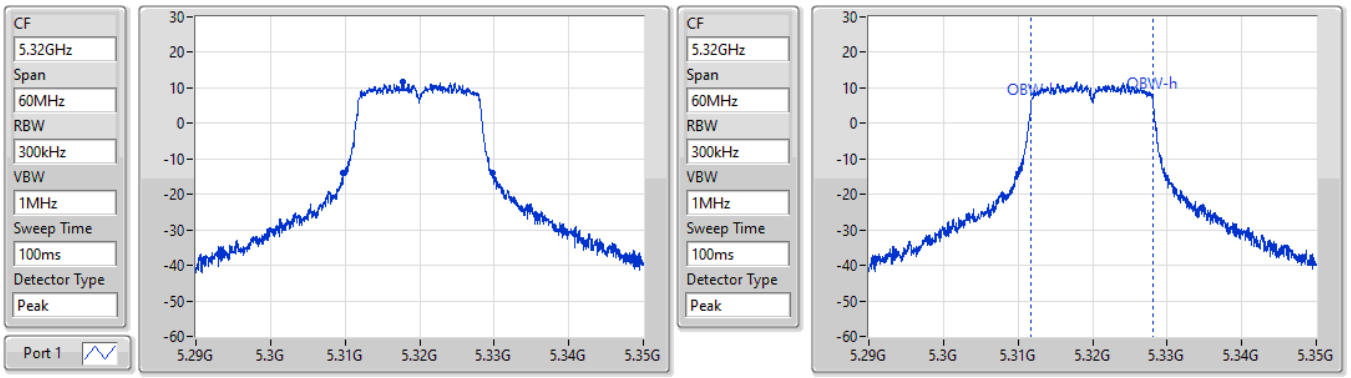


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.28962G	5.31014G	16.508M	5.291655G	5.308164G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

18/08/2022

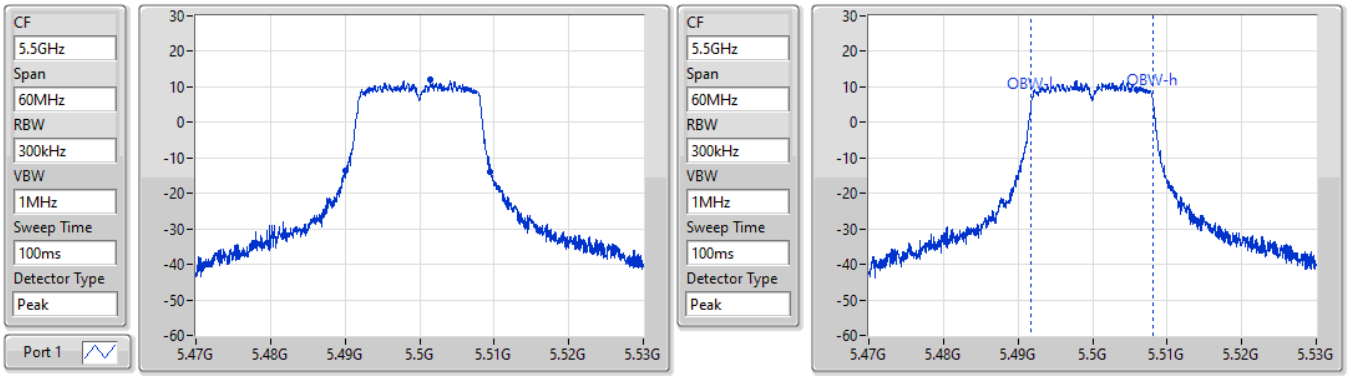


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.13M	5.30971G	5.32984G	16.486M	5.311676G	5.328161G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

18/08/2022

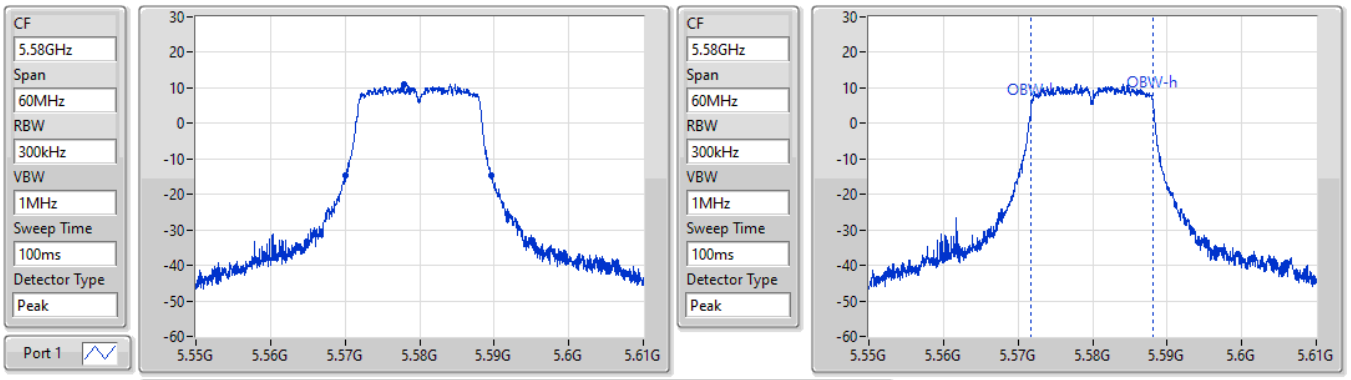


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.41M	5.4901G	5.50951G	16.45M	5.491714G	5.508163G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

18/08/2022

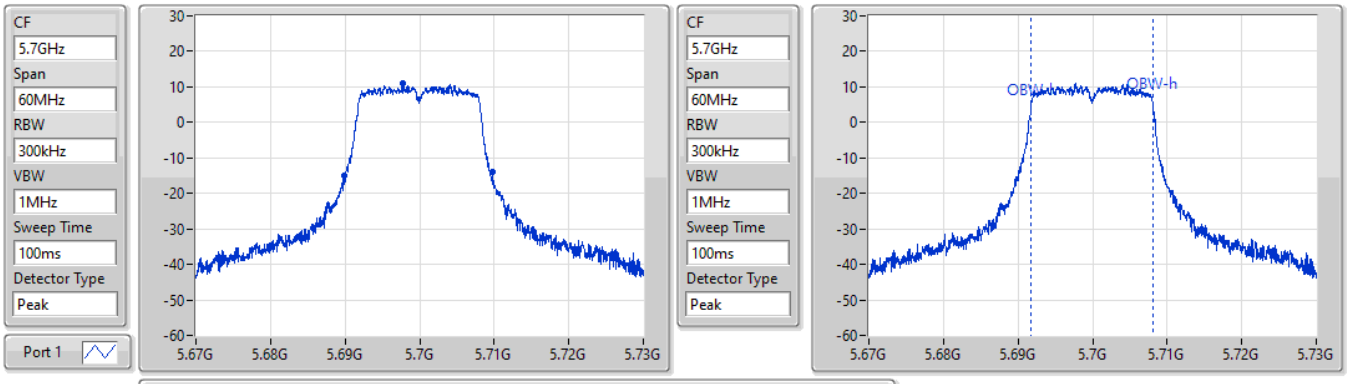


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.47M	5.57007G	5.58954G	16.449M	5.571698G	5.588148G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

19/08/2022

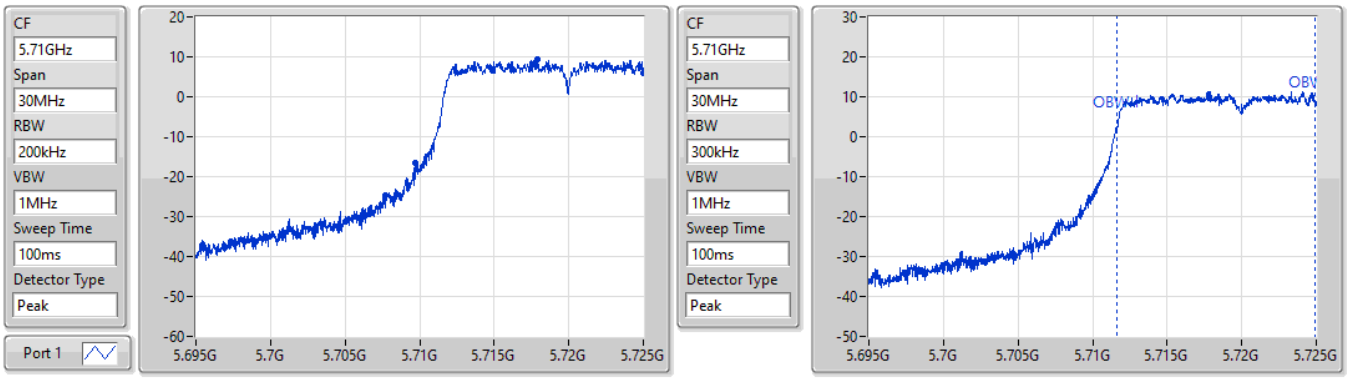


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.83M	5.68995G	5.70978G	16.457M	5.691669G	5.708126G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

18/08/2022

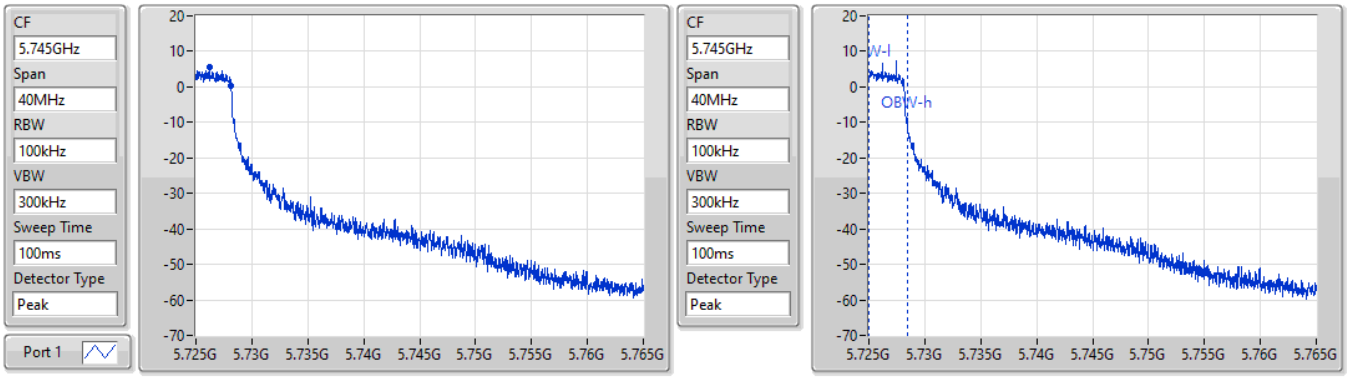


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.285M	5.709715G	5.725G	13.317M	5.7116G	5.724917G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

18/08/2022

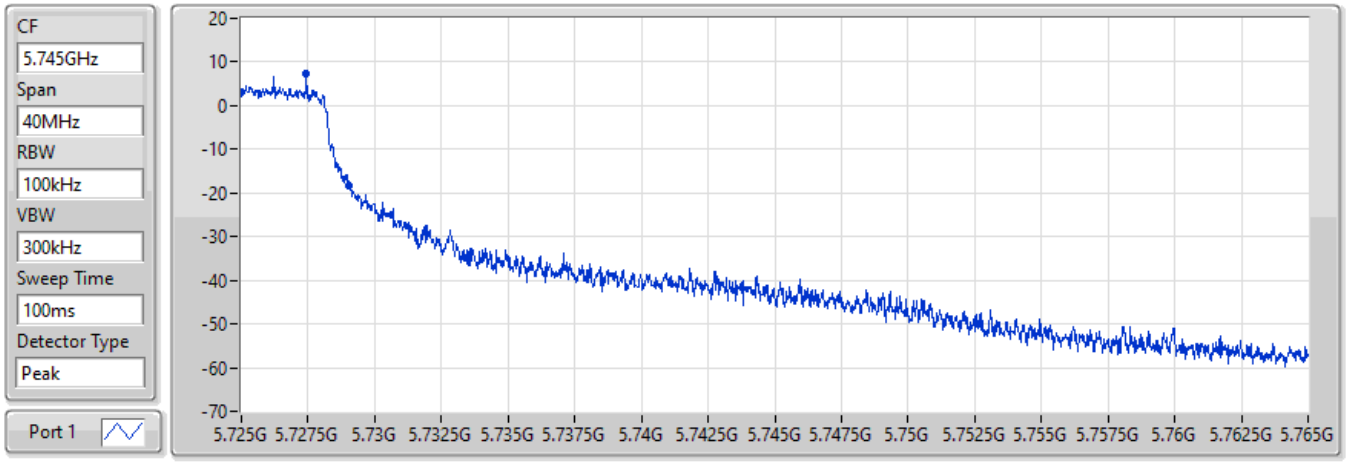


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.467M	5.725015G	5.728482G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

18/08/2022

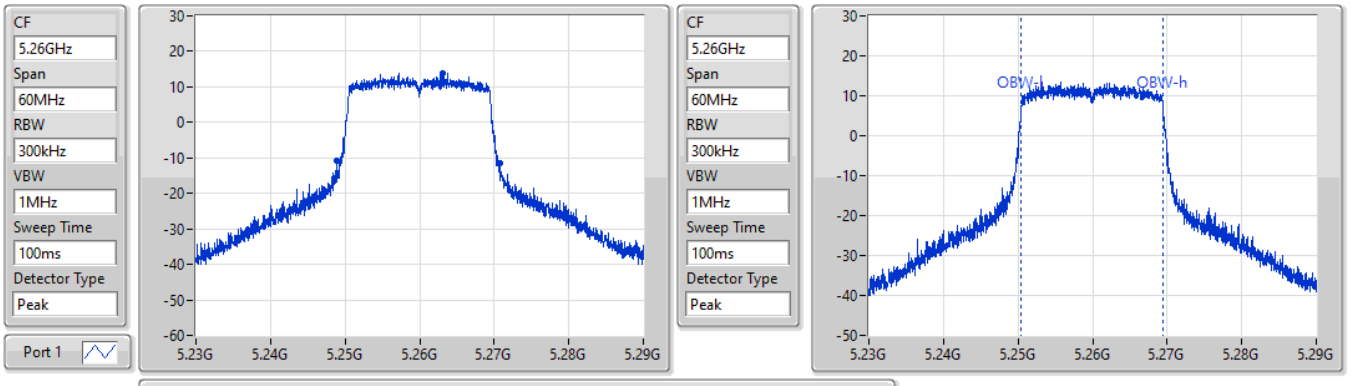


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.04M	5.725G	5.72904G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5260MHz

18/08/2022

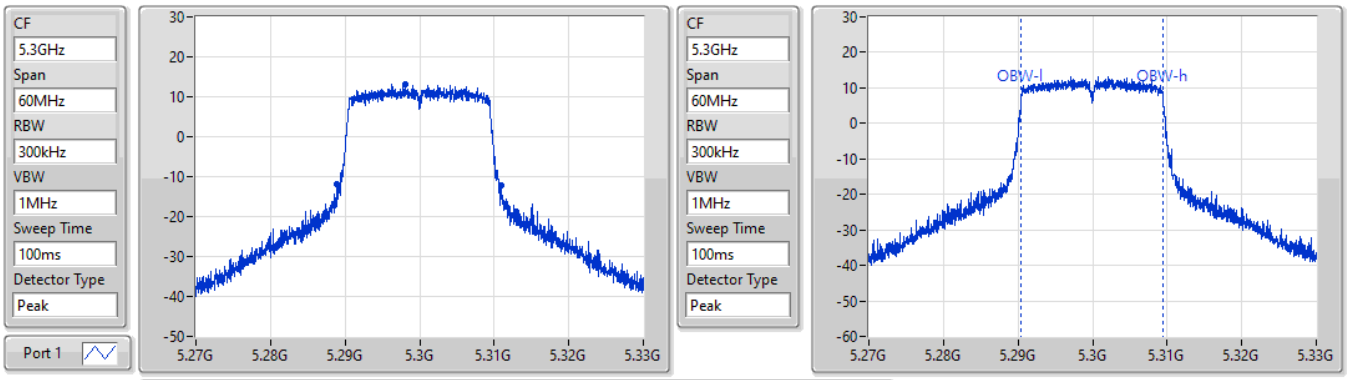


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.24893G	5.27071G	18.977M	5.250456G	5.269433G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5300MHz

18/08/2022

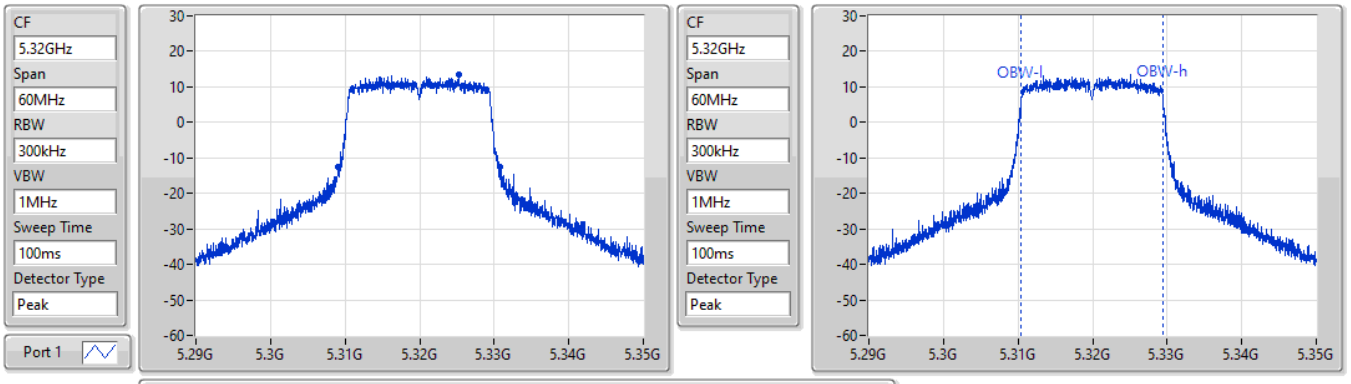


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.02M	5.28893G	5.31095G	18.999M	5.290438G	5.309437G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5320MHz

18/08/2022

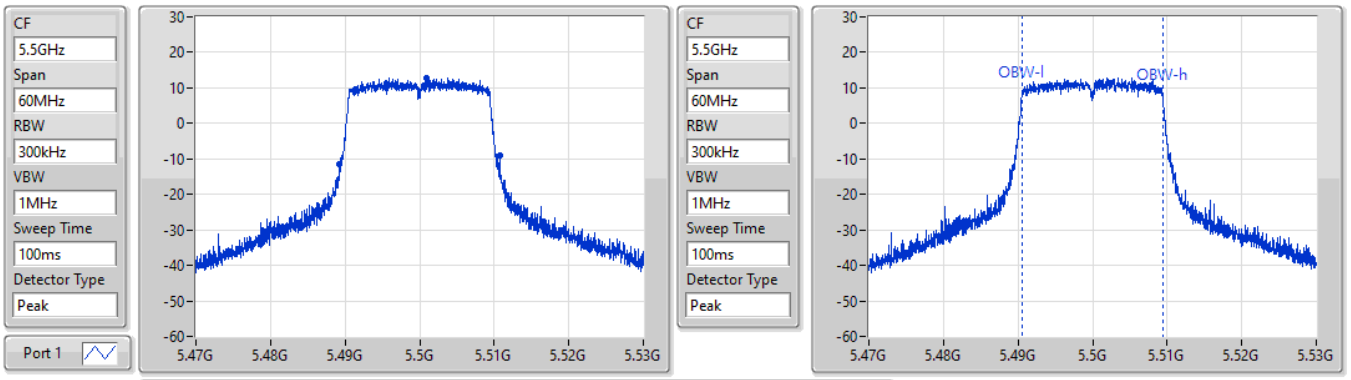


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.30905G	5.3308G	18.966M	5.310462G	5.329428G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5500MHz

18/08/2022

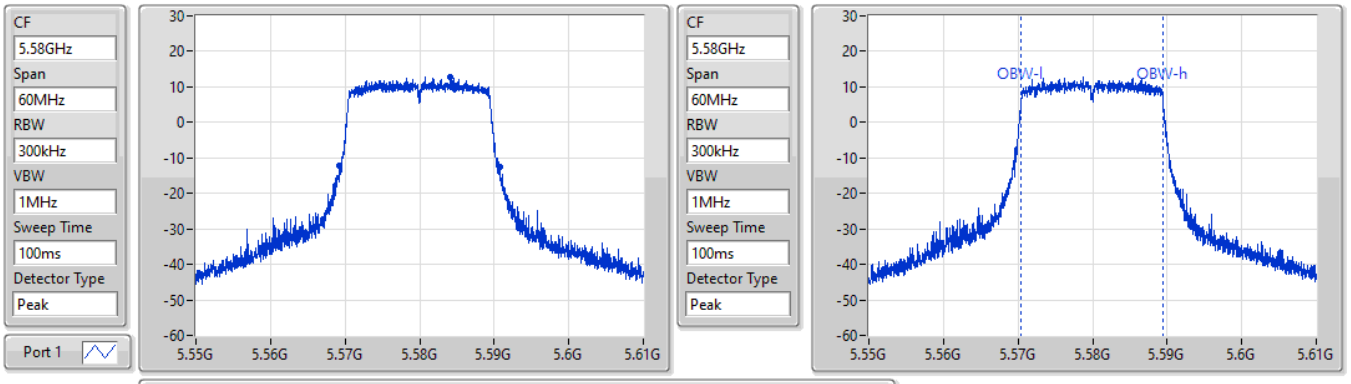


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.48929G	5.51071G	18.931M	5.490485G	5.509417G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5580MHz

18/08/2022

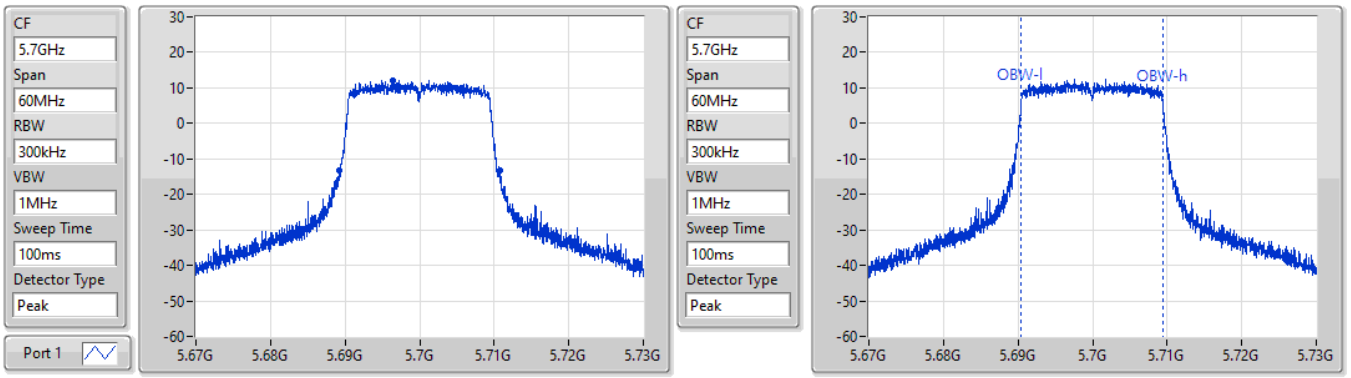


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.56923G	5.59083G	18.958M	5.570464G	5.589422G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5700MHz

19/08/2022

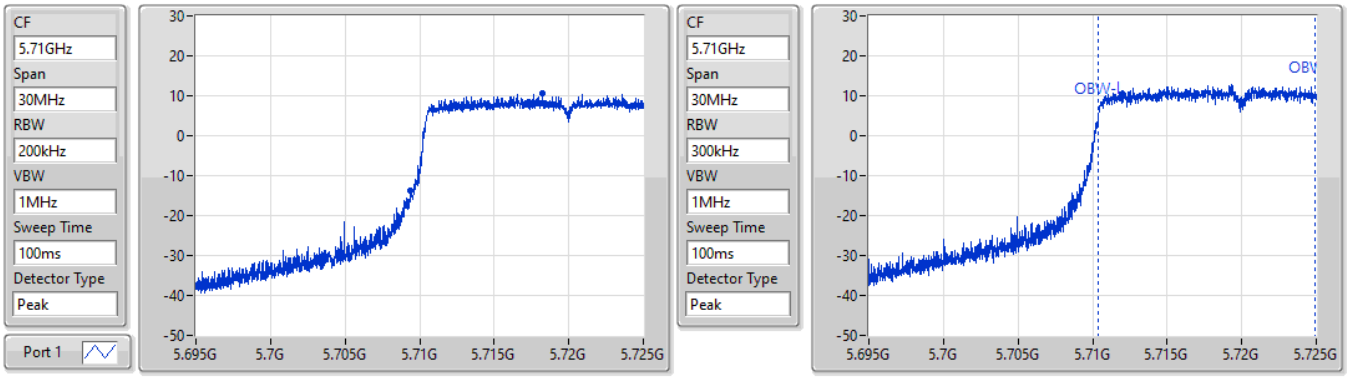


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.68917G	5.71086G	18.933M	5.690453G	5.709387G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

18/08/2022

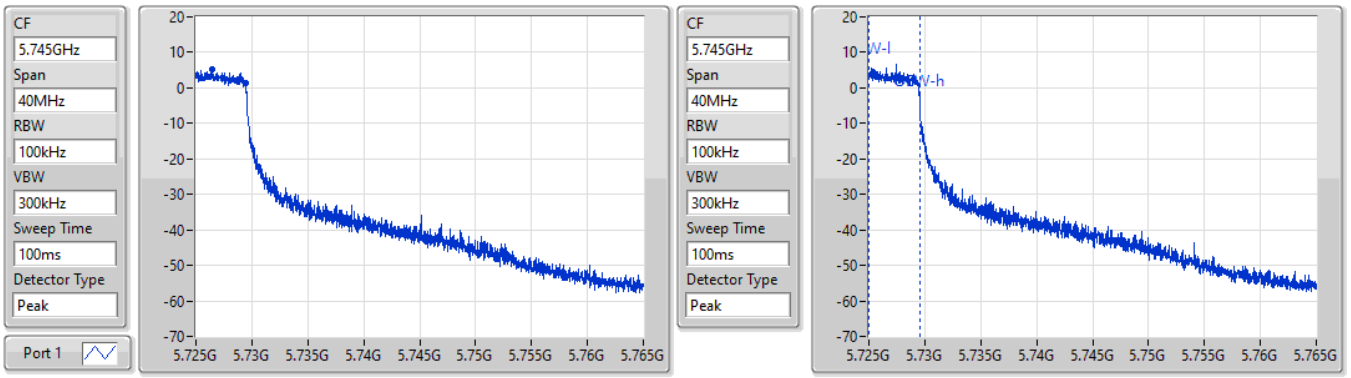


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.6M	5.7094G	5.725G	14.521M	5.710406G	5.724927G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

18/08/2022

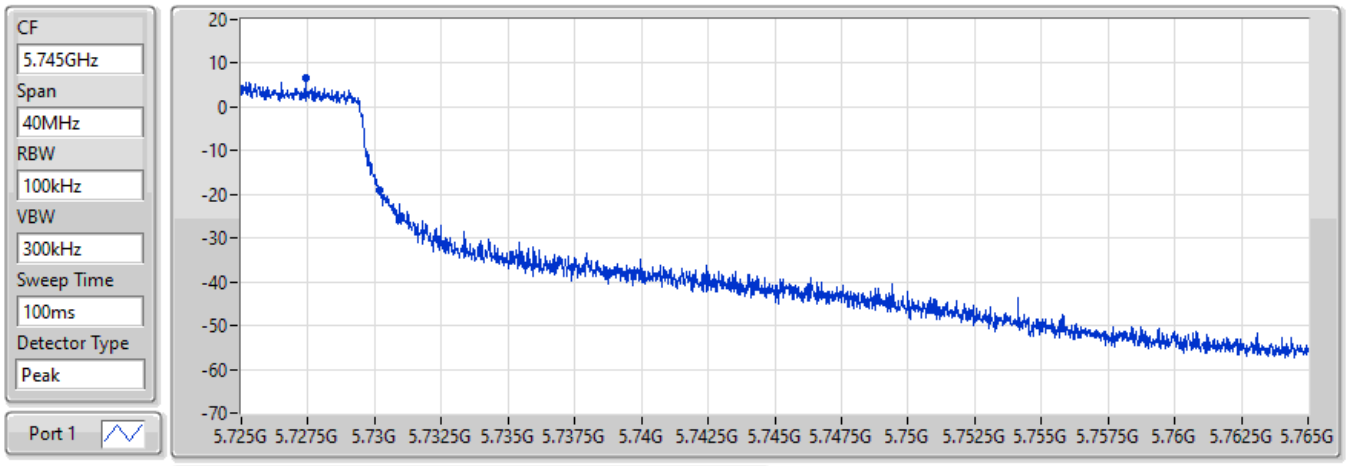


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.725G	5.72944G	4.567M	5.725016G	5.729584G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

18/08/2022

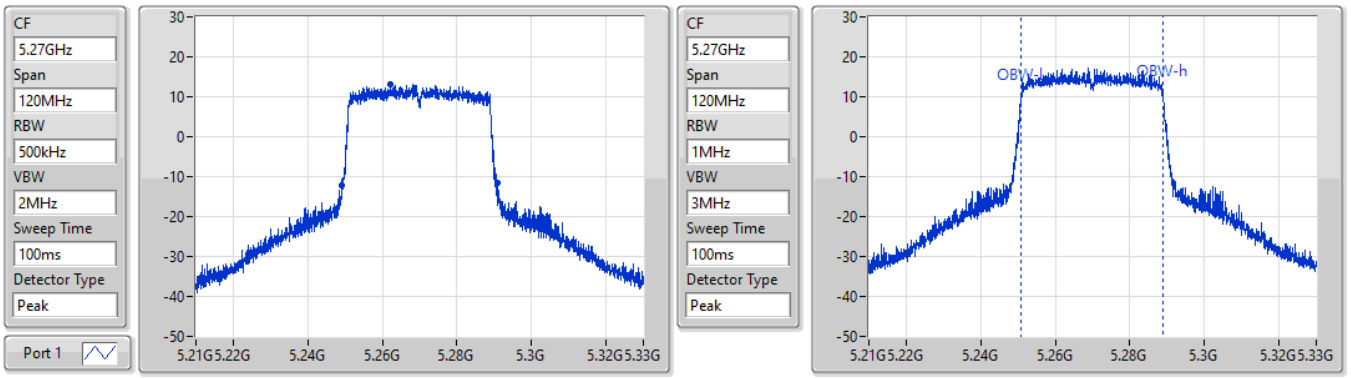


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.2M	5.725G	5.7302G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5270MHz

18/08/2022

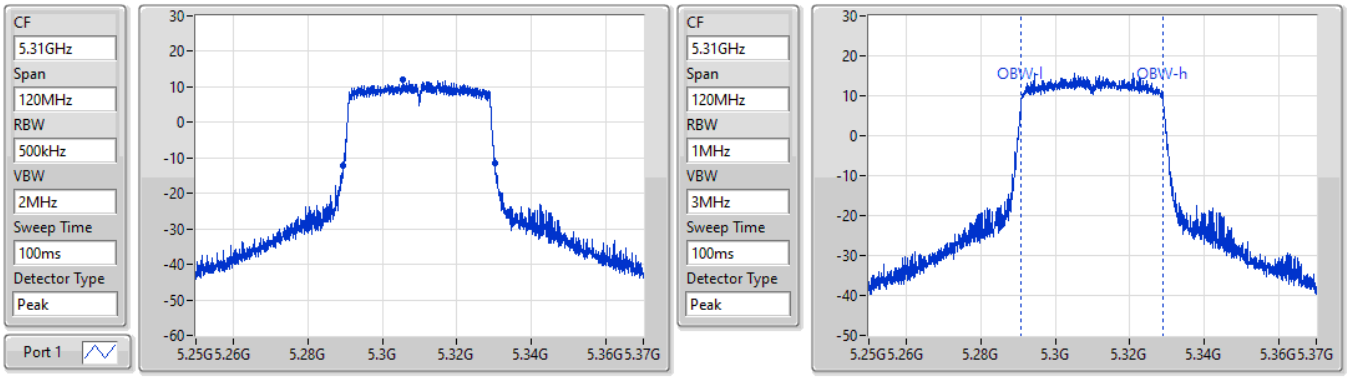


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	5.24918G	5.29076G	38.011M	5.250912G	5.288923G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5310MHz

19/08/2022

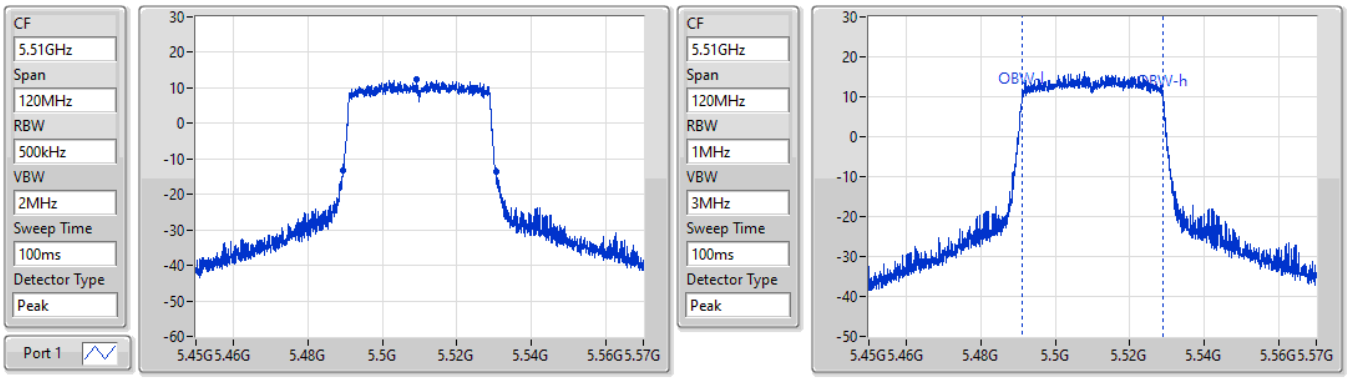


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.28936G	5.33022G	38.022M	5.290916G	5.328939G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5510MHz

19/08/2022

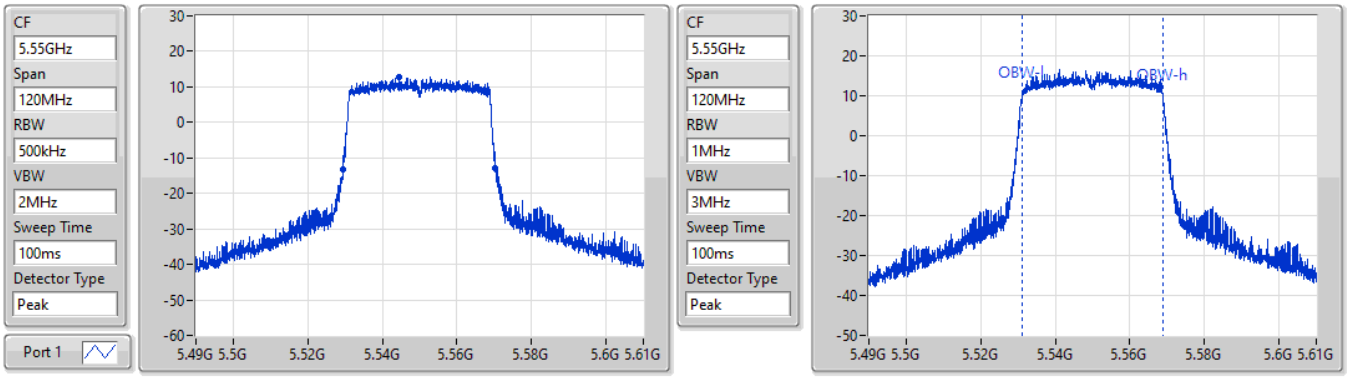


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.48936G	5.53052G	37.968M	5.490984G	5.528953G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5550MHz

18/08/2022

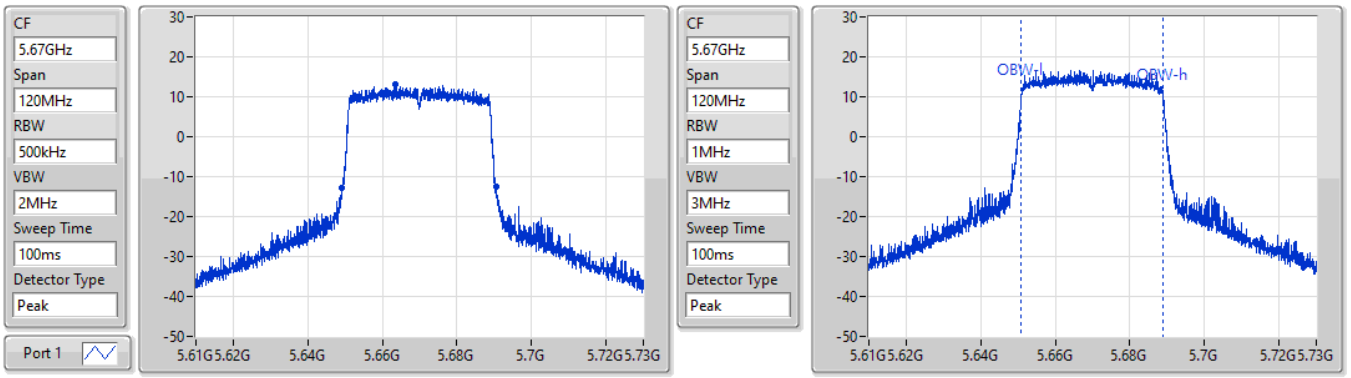


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.52954G	5.57034G	37.983M	5.530962G	5.568945G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5670MHz

18/08/2022

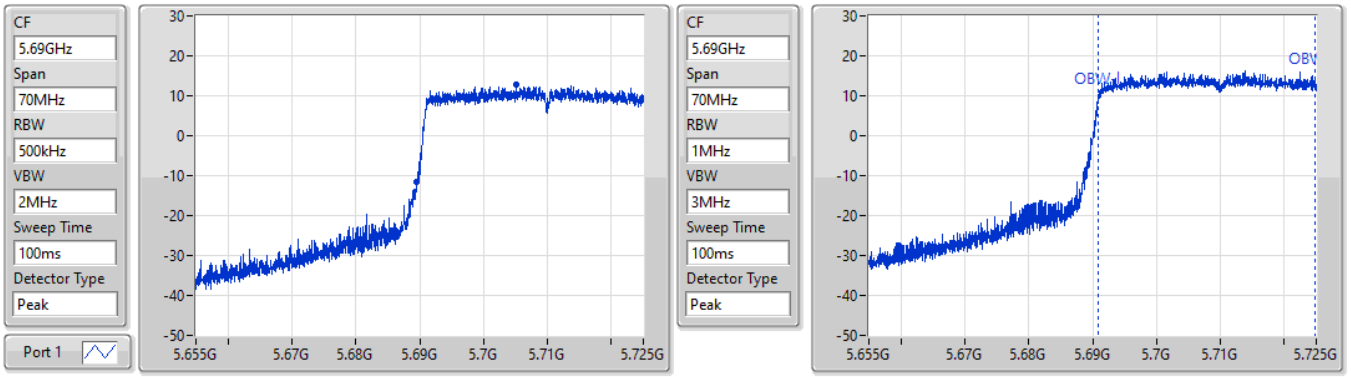


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.58M	5.64912G	5.6907G	37.952M	5.65093G	5.688881G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.47-5.725GHz

18/08/2022

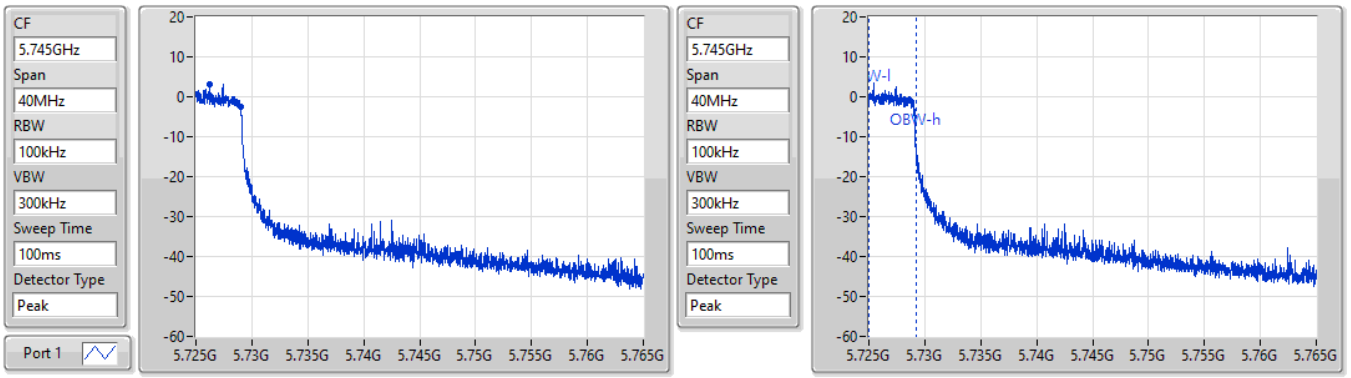


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.525M	5.689475G	5.725G	33.886M	5.690904G	5.72479G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.725-5.85GHz

18/08/2022

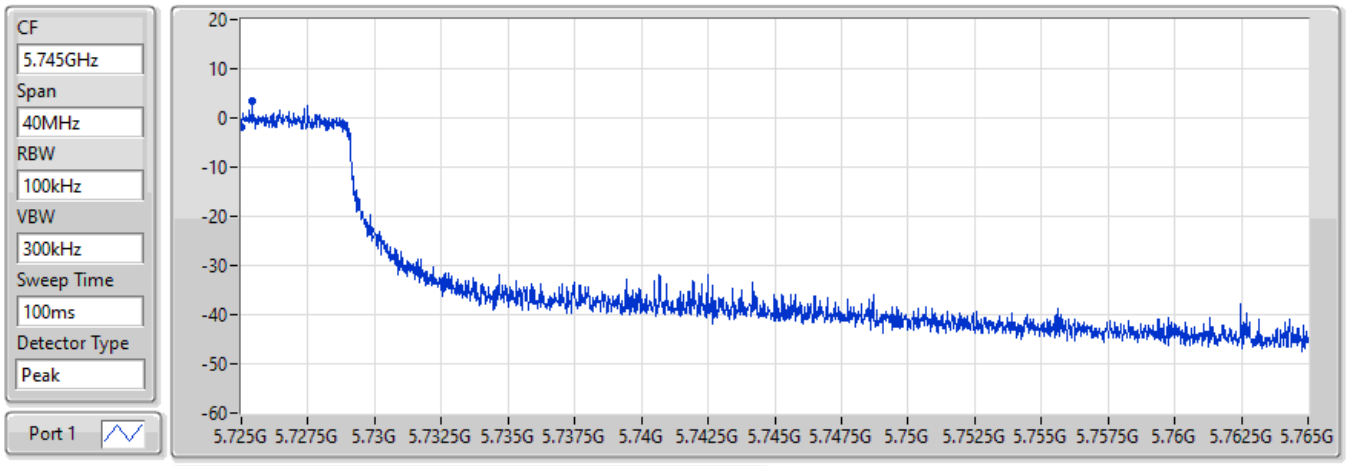


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	4.173M	5.725026G	5.7292G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.725-5.85GHz

18/08/2022

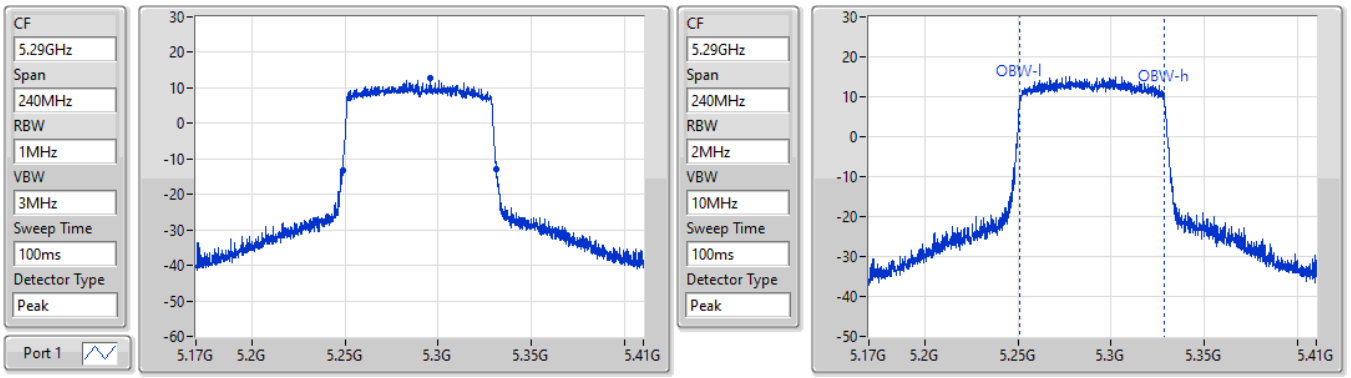


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.86M	5.725G	5.72986G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5290MHz

19/08/2022

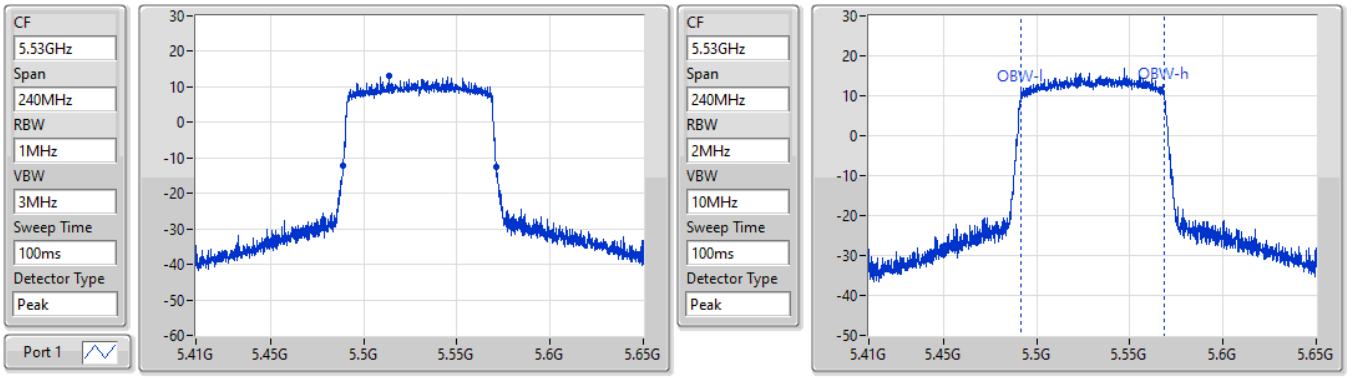


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.24884G	5.33128G	77.429M	5.251152G	5.328581G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5530MHz

19/08/2022

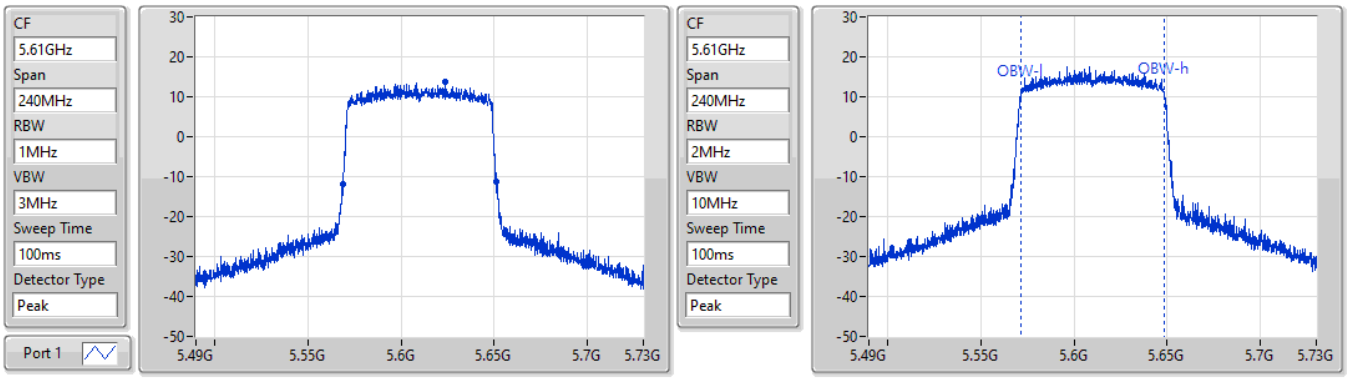


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.48872G	5.57104G	77.459M	5.491265G	5.568724G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5610MHz

18/08/2022

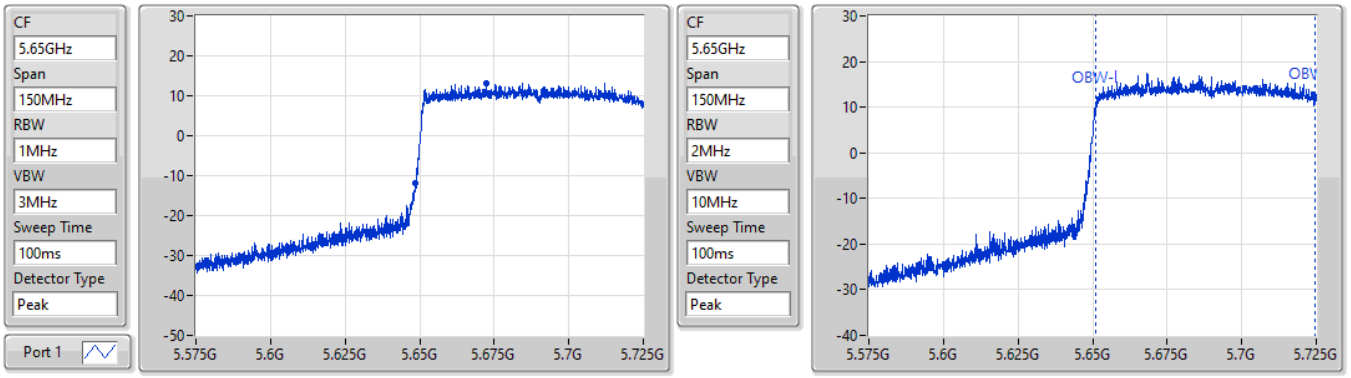


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.56872G	5.6514G	77.421M	5.571258G	5.648679G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.47-5.725GHz

18/08/2022

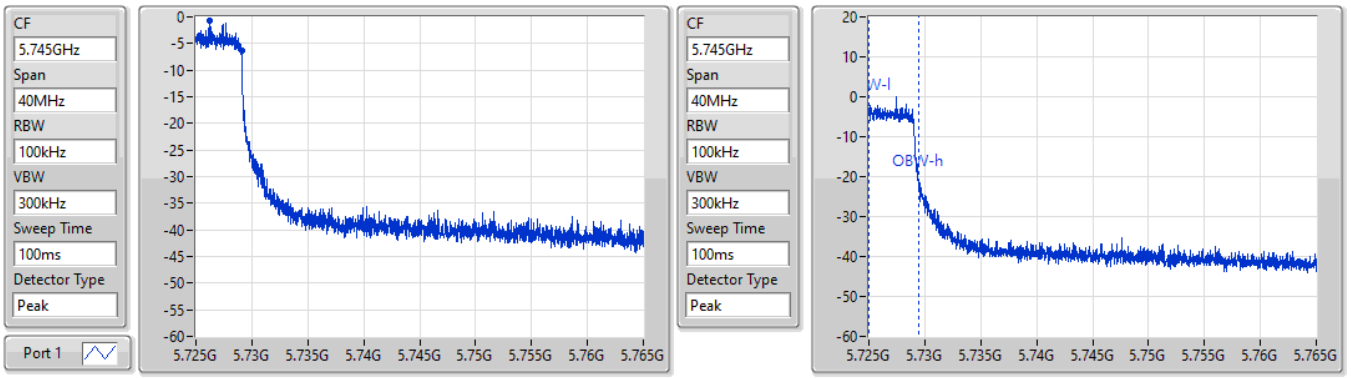


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.35M	5.64865G	5.725G	73.426M	5.651044G	5.72447G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.725-5.85GHz

18/08/2022

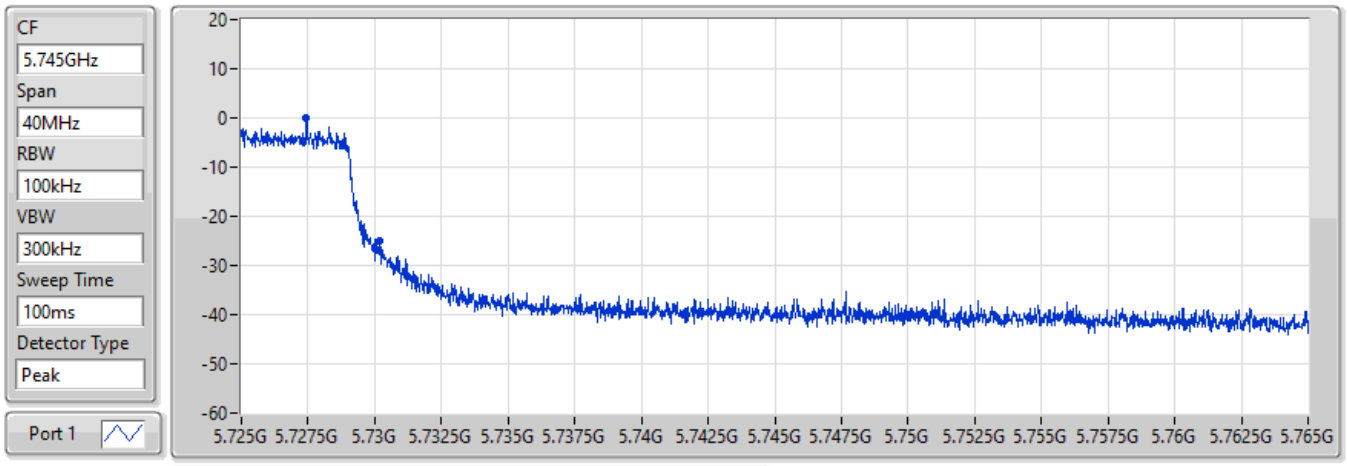


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.08M	5.725G	5.72908G	4.455M	5.725016G	5.729471G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.725-5.85GHz

18/08/2022

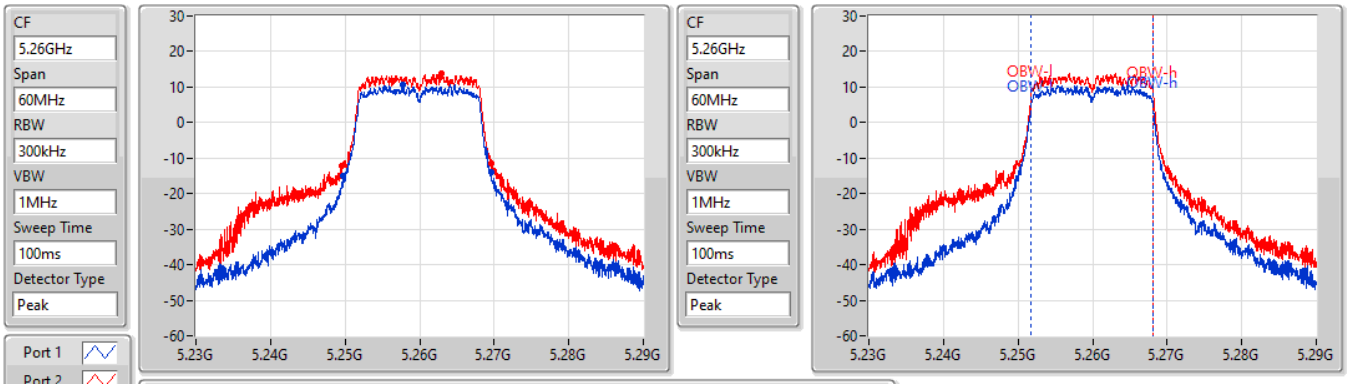


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.16M	5.725G	5.73016G	Inf	1

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

19/08/2022

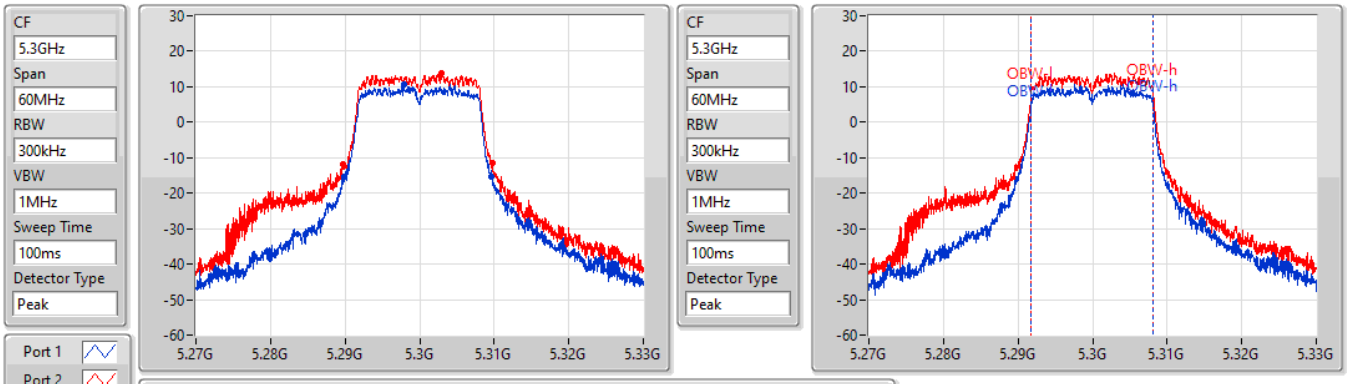


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.83M	5.24977G	5.2696G	16.44M	5.251684G	5.268124G	Inf	1
20.1M	5.24956G	5.26966G	16.453M	5.251711G	5.268164G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

19/08/2022

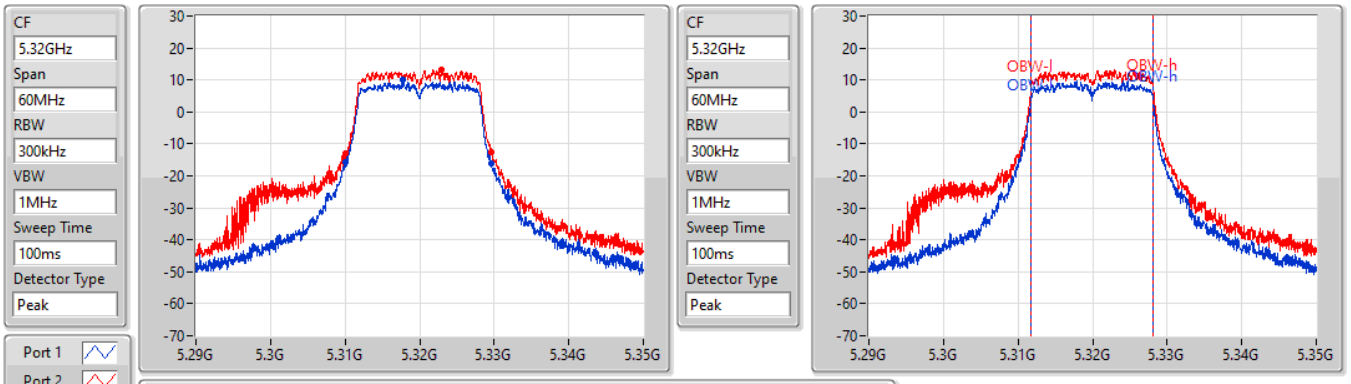


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.71M	5.28989G	5.3096G	16.472M	5.291672G	5.308144G	Inf	1
20.16M	5.28965G	5.30981G	16.46M	5.291704G	5.308165G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

19/08/2022

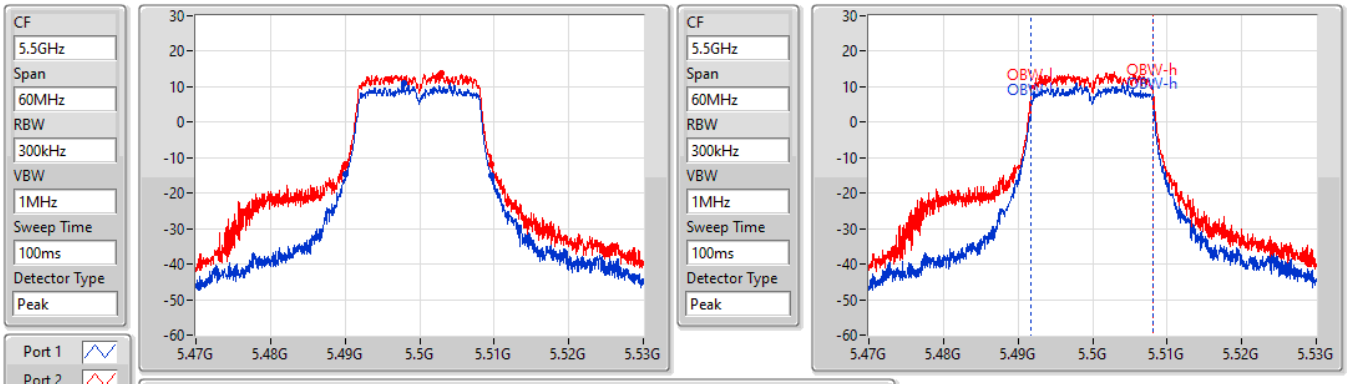


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.31004G	5.32957G	16.458M	5.311676G	5.328134G	Inf	1
19.71M	5.30998G	5.32969G	16.436M	5.311711G	5.328147G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

19/08/2022

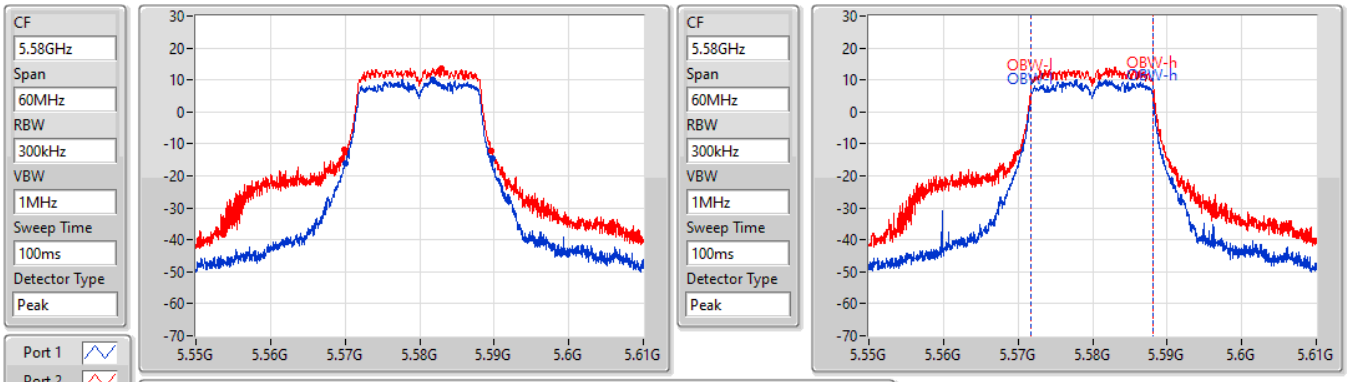


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.44M	5.4901G	5.50954G	16.456M	5.491696G	5.508152G	Inf	1
19.65M	5.49001G	5.50966G	16.463M	5.491689G	5.508152G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5580MHz

19/08/2022

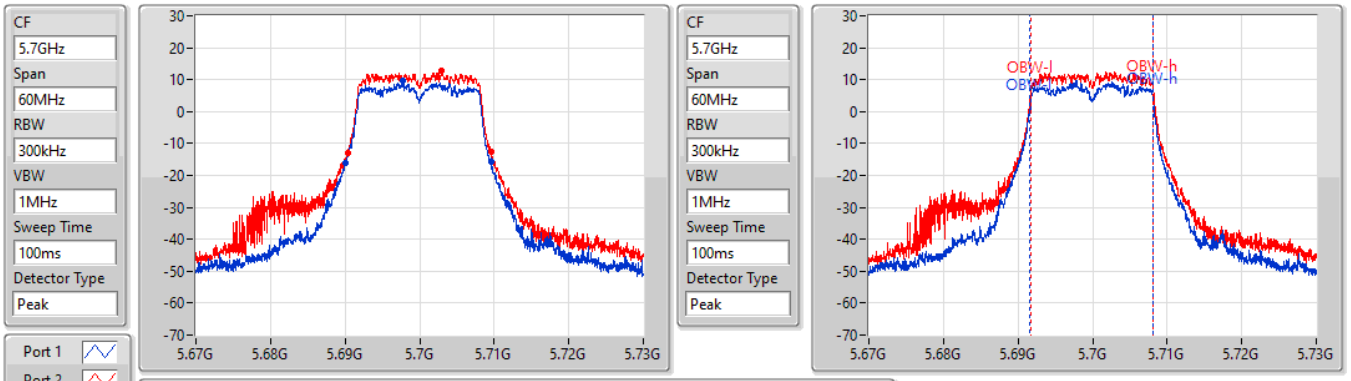


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.77M	5.57004G	5.58981G	16.48M	5.57165G	5.588131G	Inf	1
19.74M	5.56995G	5.58969G	16.458M	5.571699G	5.588157G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

19/08/2022

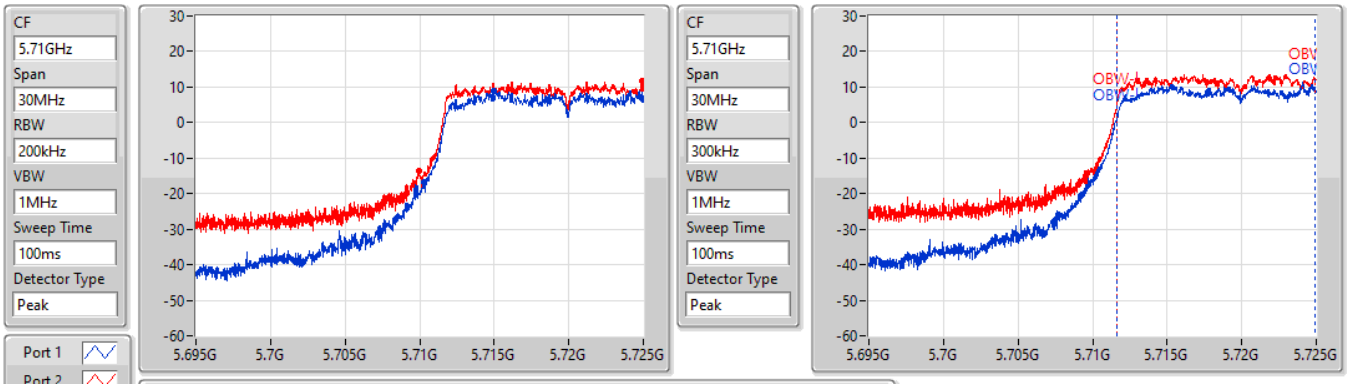


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.69013G	5.70966G	16.539M	5.691619G	5.708159G	Inf	1
19.26M	5.69031G	5.70957G	16.436M	5.691721G	5.708157G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

19/08/2022

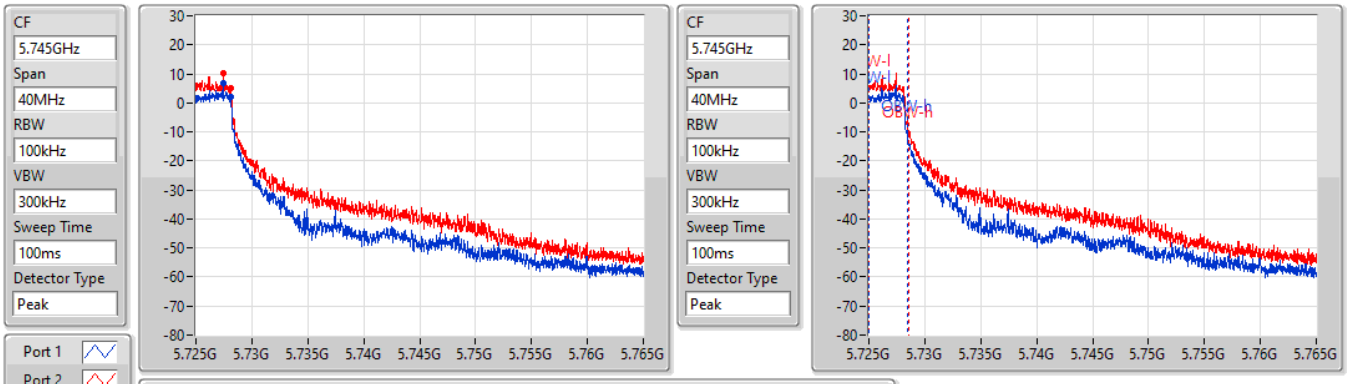


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.685M	5.710315G	5.725G	13.282M	5.711658G	5.72494G	Inf	1
15.075M	5.709925G	5.725G	13.296M	5.711647G	5.724943G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

19/08/2022

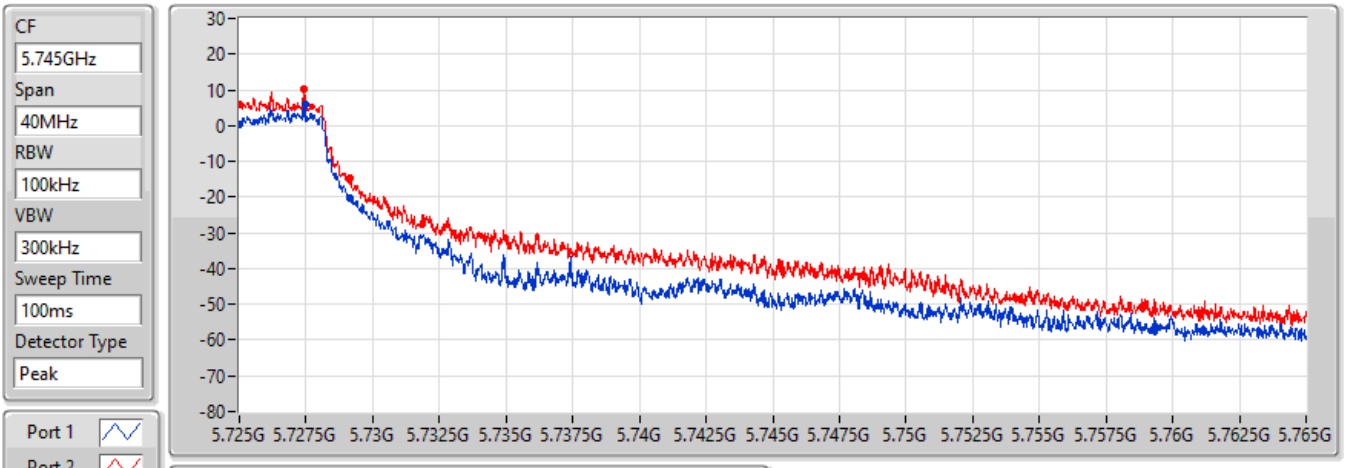


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.96M	5.72512G	5.72808G	3.43M	5.725025G	5.728455G	500k	1
3.08M	5.725G	5.72808G	3.529M	5.725015G	5.728544G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

19/08/2022

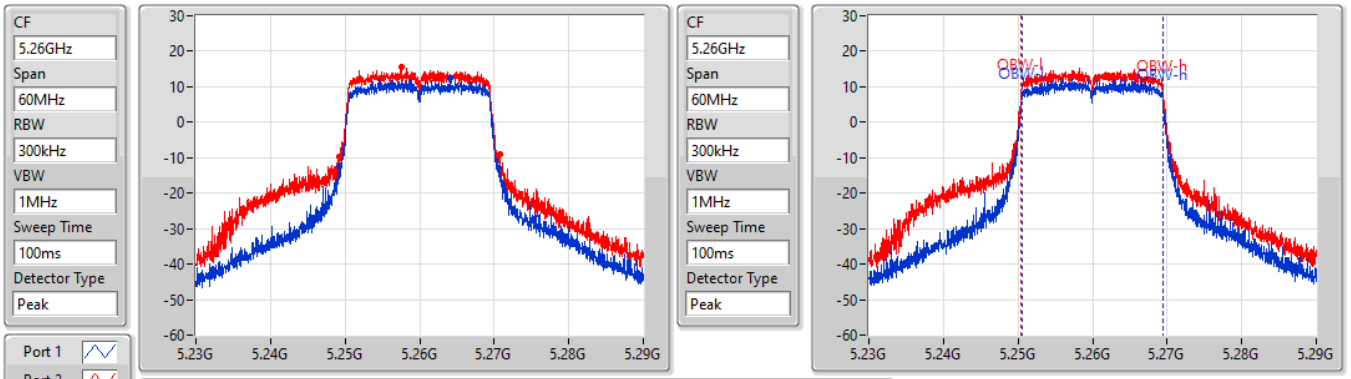


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.16M	5.725G	5.72916G	Inf	1
4.14M	5.725G	5.72914G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

19/08/2022

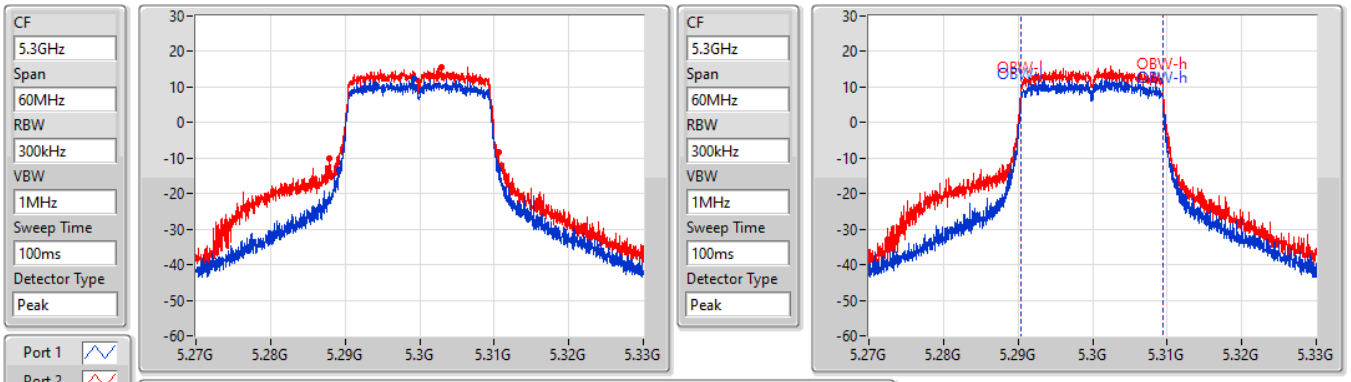


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.24914G	5.27068G	18.932M	5.250482G	5.269413G	Inf	1
21.51M	5.2492G	5.27071G	18.961M	5.250453G	5.269414G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

19/08/2022

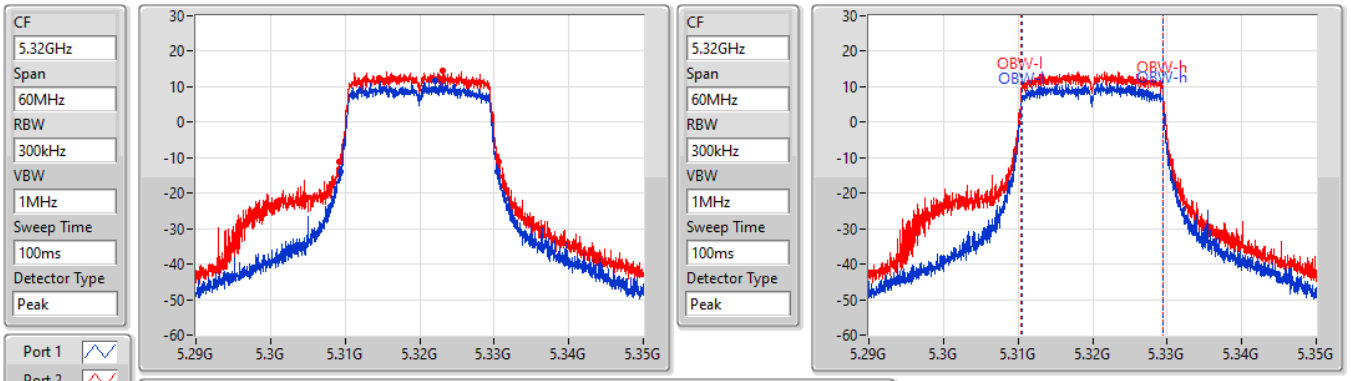


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.28914G	5.31062G	18.942M	5.290454G	5.309396G	Inf	1
22.71M	5.28794G	5.31065G	18.98M	5.290439G	5.309419G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

19/08/2022

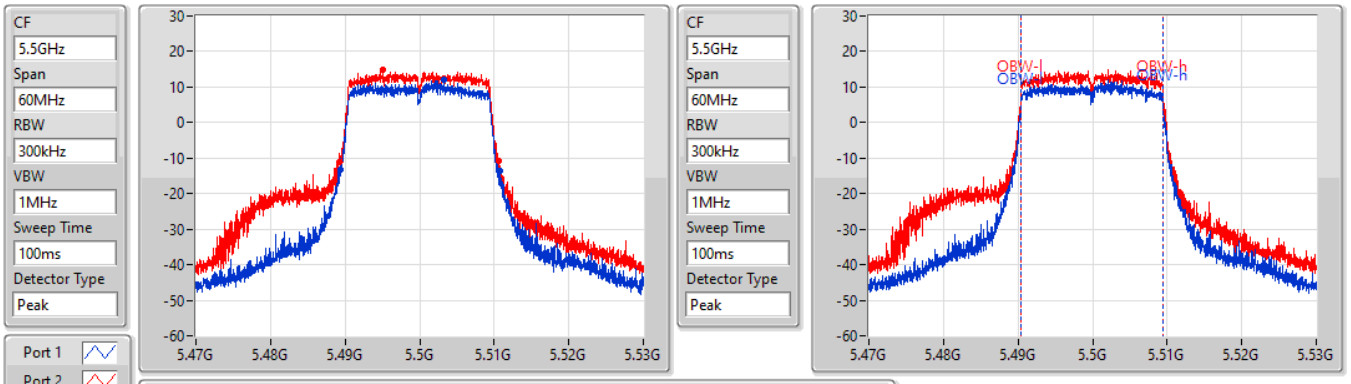


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.30932G	5.3305G	18.923M	5.310474G	5.329397G	Inf	1
21.42M	5.30923G	5.33065G	18.952M	5.310454G	5.329406G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5500MHz

19/08/2022

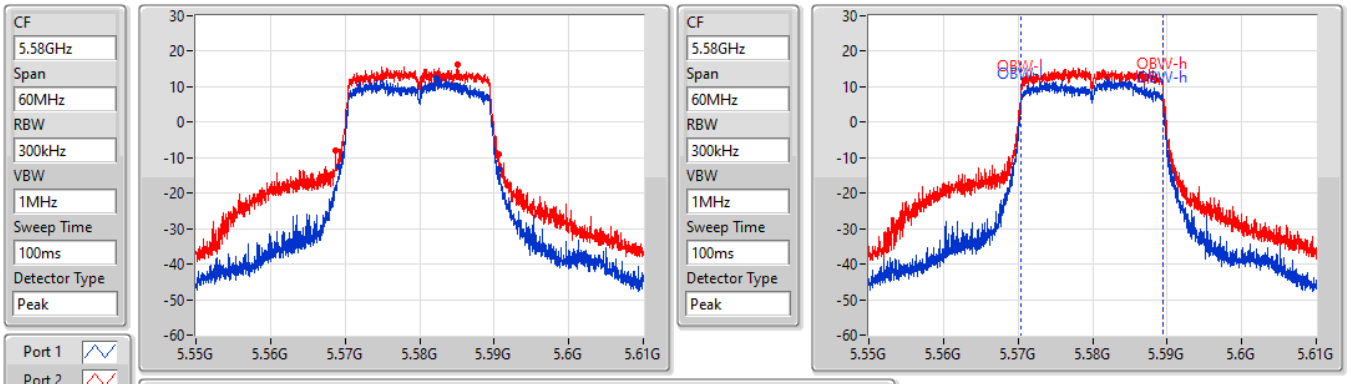


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.48932G	5.51083G	18.951M	5.490448G	5.509399G	Inf	1
21.39M	5.48917G	5.51056G	18.939M	5.490466G	5.509405G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5580MHz

19/08/2022

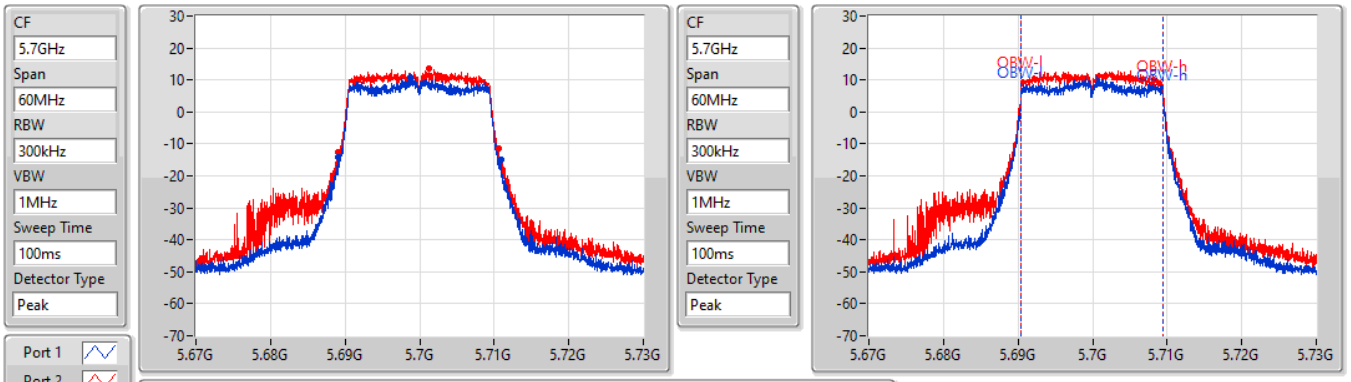


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.56923G	5.59068G	18.891M	5.570472G	5.589363G	Inf	1
21.87M	5.56875G	5.59062G	18.964M	5.570443G	5.589406G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5700MHz

19/08/2022

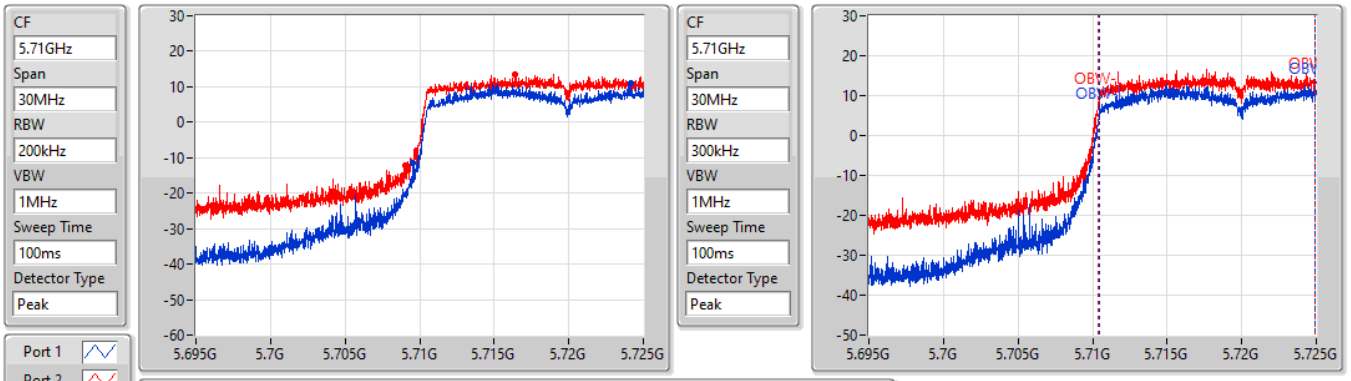


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.96M	5.68899G	5.71095G	19.008M	5.690426G	5.709435G	Inf	1
21.45M	5.68911G	5.71056G	18.942M	5.690457G	5.709399G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

19/08/2022

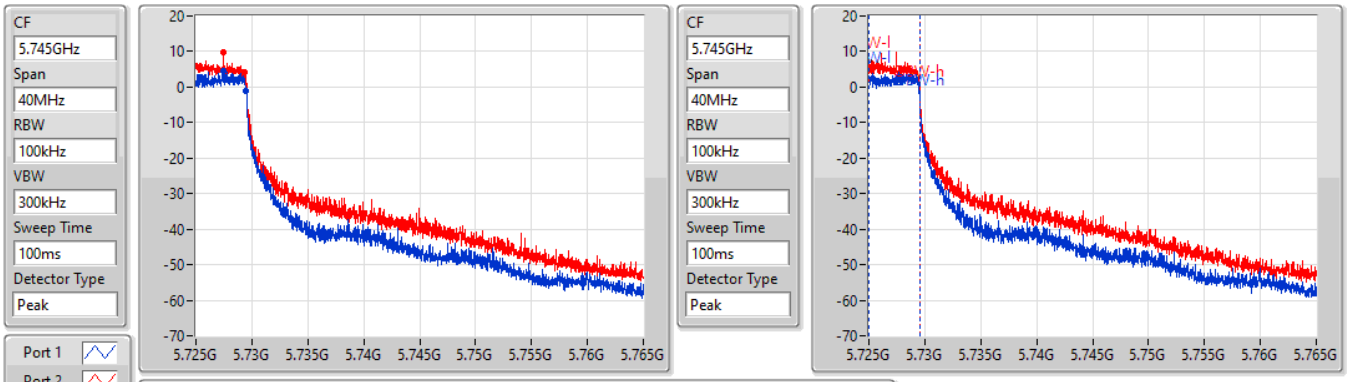


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	5.70955G	5.725G	14.49M	5.710455G	5.724945G	Inf	1
15.96M	5.70904G	5.725G	14.558M	5.710371G	5.72493G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

19/08/2022

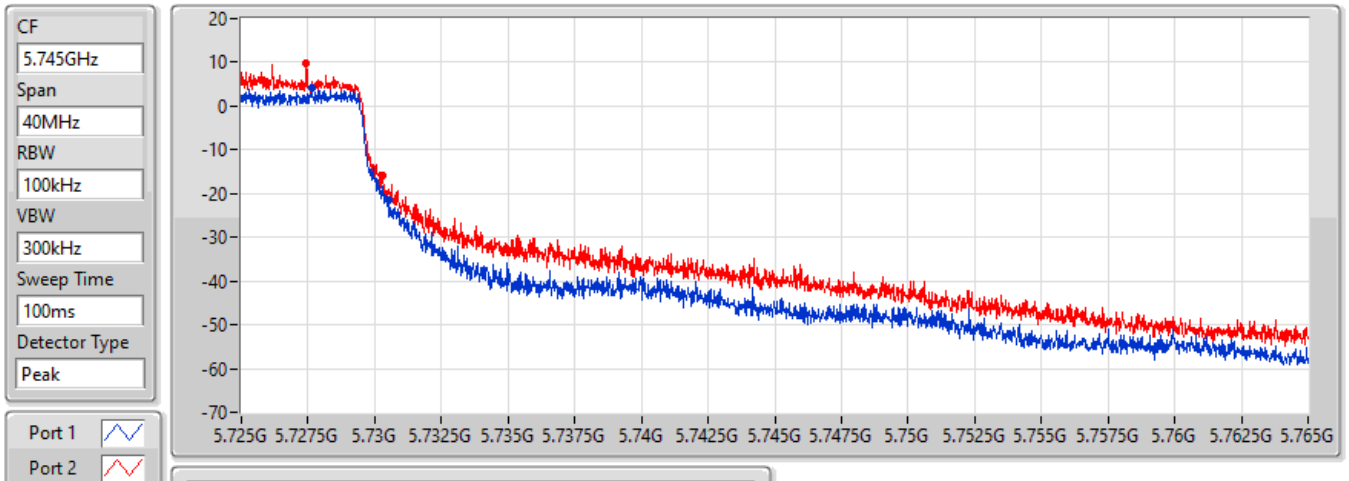


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.5M	5.725G	5.7295G	4.571M	5.725023G	5.729594G	500k	1
4.32M	5.725G	5.72932G	4.567M	5.72502G	5.729587G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

19/08/2022

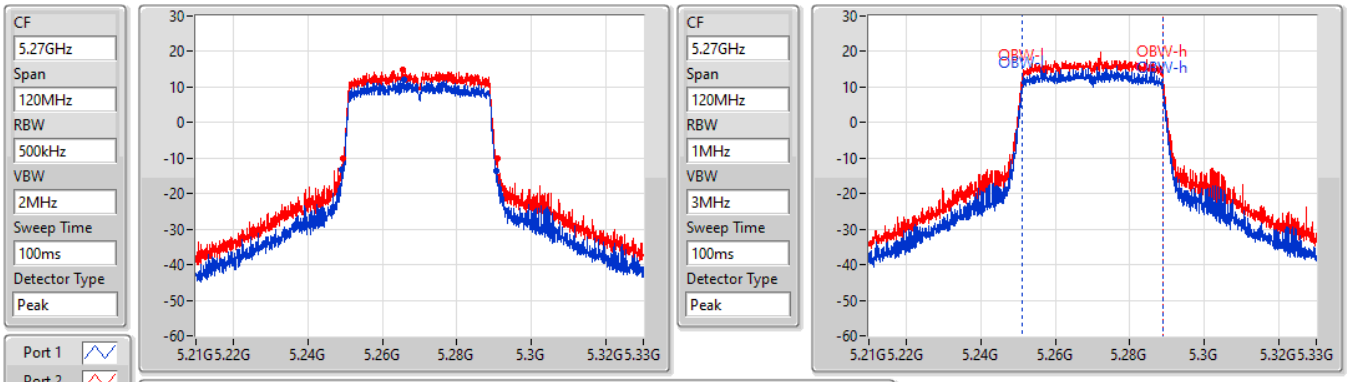


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.5M	5.725G	5.7305G	Inf	1
5.3M	5.725G	5.7303G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

19/08/2022

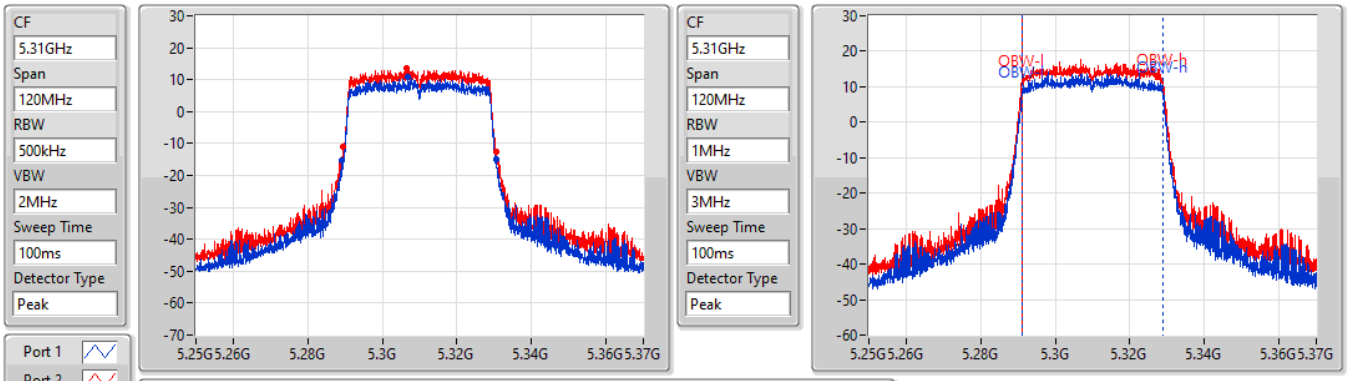


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.46M	5.24912G	5.29058G	37.957M	5.250968G	5.288924G	Inf	1
41.46M	5.24936G	5.29082G	37.982M	5.25098G	5.288962G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

19/08/2022

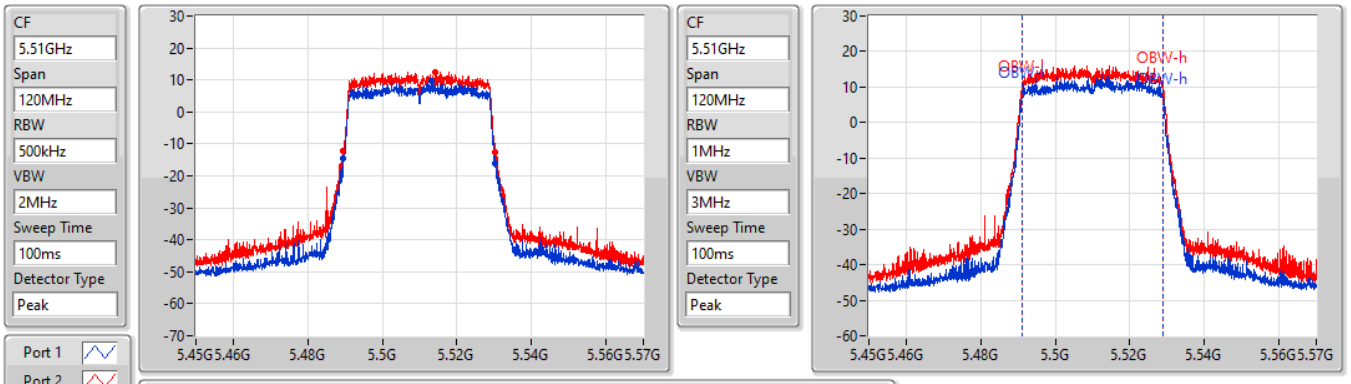


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.16M	5.28924G	5.3304G	38.012M	5.290971G	5.328983G	Inf	1
40.98M	5.28942G	5.3304G	37.942M	5.290973G	5.328914G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5510MHz

19/08/2022

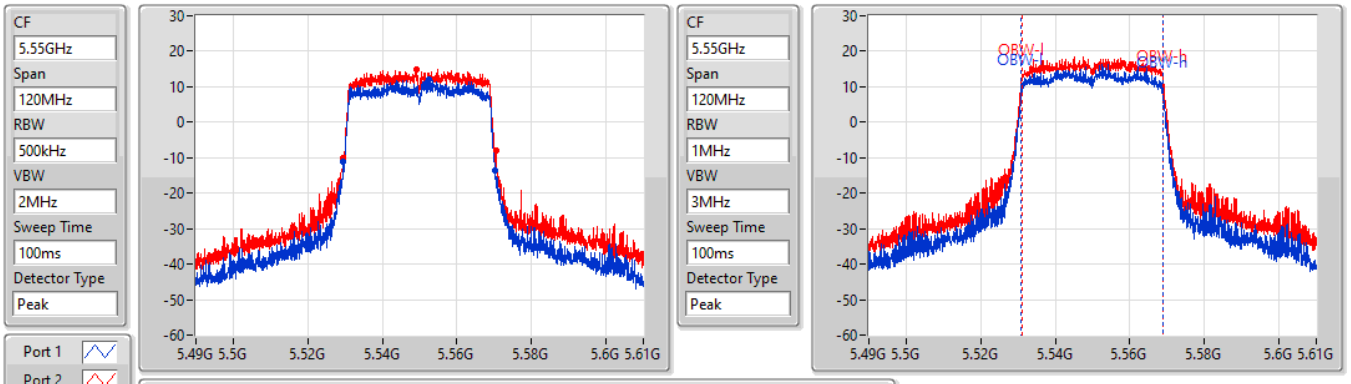


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.48936G	5.53034G	37.964M	5.490967G	5.528931G	Inf	1
40.86M	5.48948G	5.53034G	37.96M	5.490955G	5.528915G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

19/08/2022

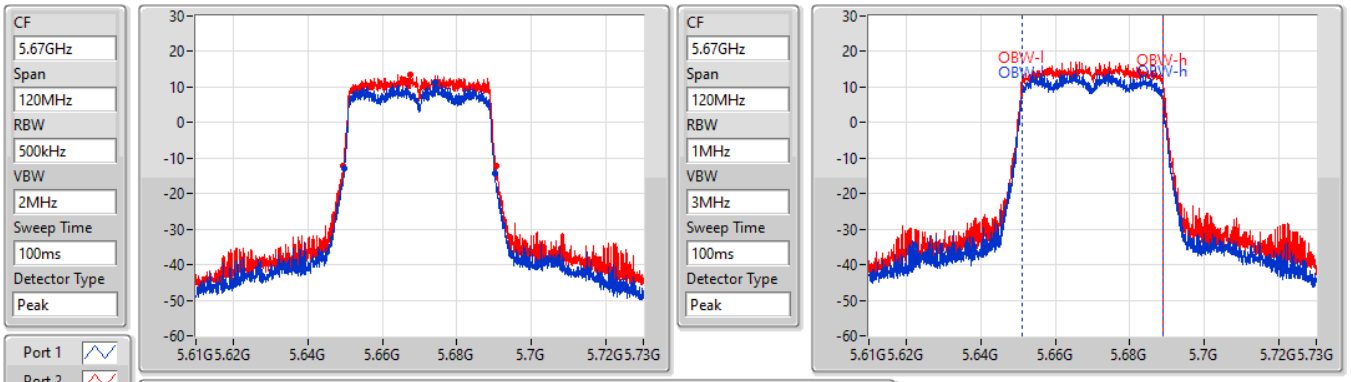


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.52942G	5.57028G	37.916M	5.530934G	5.56885G	Inf	1
40.98M	5.52948G	5.57046G	37.928M	5.530964G	5.568892G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

19/08/2022

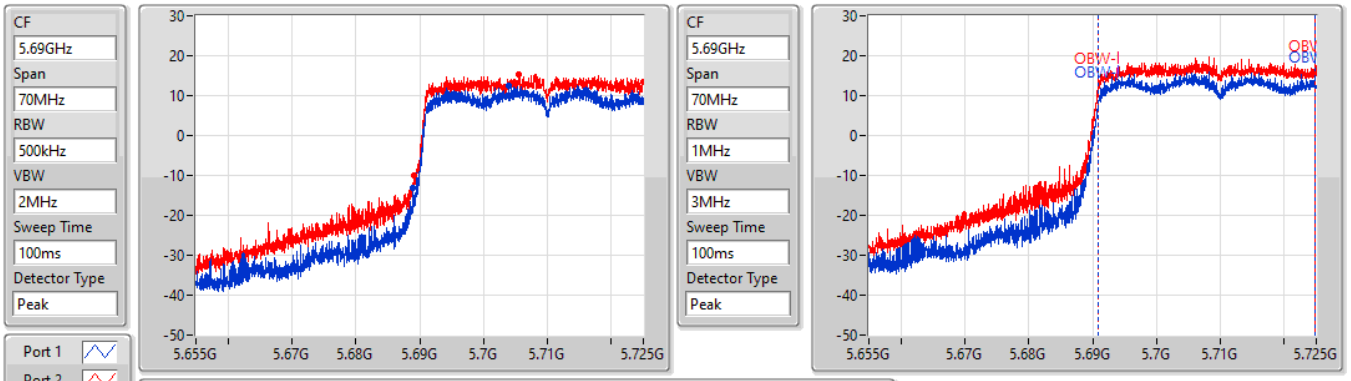


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.38M	5.64972G	5.6901G	37.771M	5.651001G	5.688772G	Inf	1
40.92M	5.64948G	5.6904G	37.931M	5.650959G	5.68889G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

19/08/2022

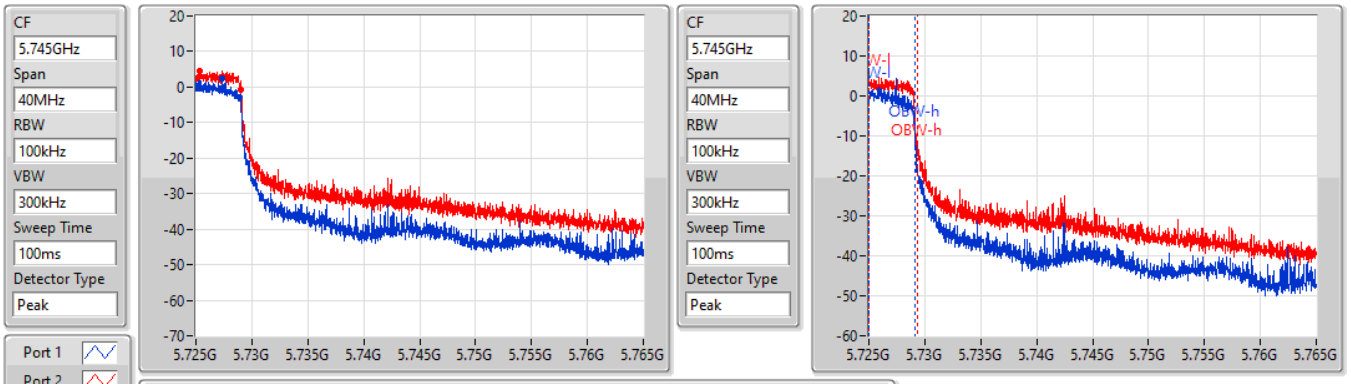


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.98M	5.68902G	5.725G	33.862M	5.690966G	5.724828G	Inf	1
35.91M	5.68909G	5.725G	33.956M	5.690871G	5.724827G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

19/08/2022

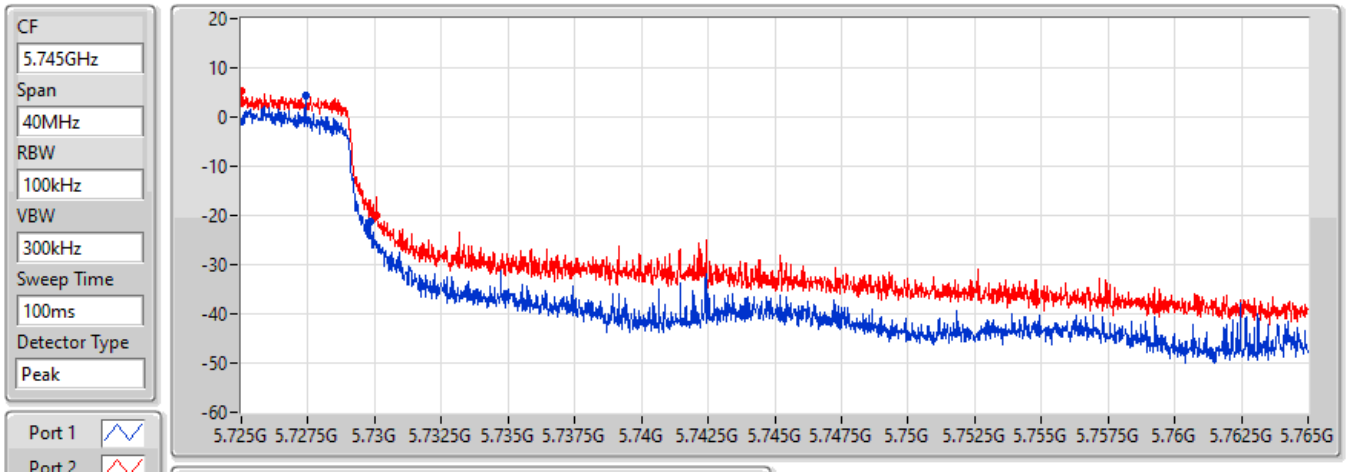


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.92M	5.725G	5.72892G	4.088M	5.725022G	5.72911G	500k	1
4.04M	5.725G	5.72904G	4.338M	5.72502G	5.729358G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

19/08/2022

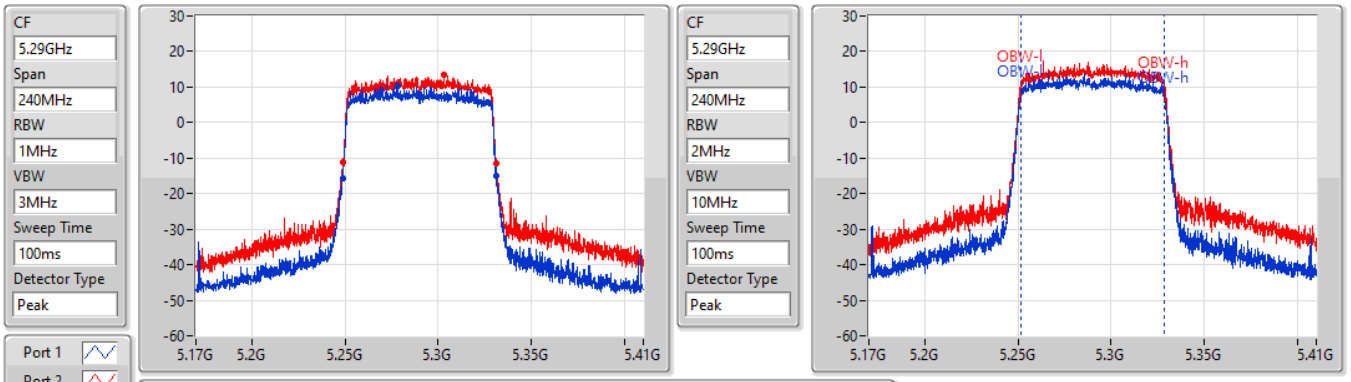


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.84M	5.725G	5.72984G	Inf	1
5.08M	5.725G	5.73008G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5290MHz

19/08/2022

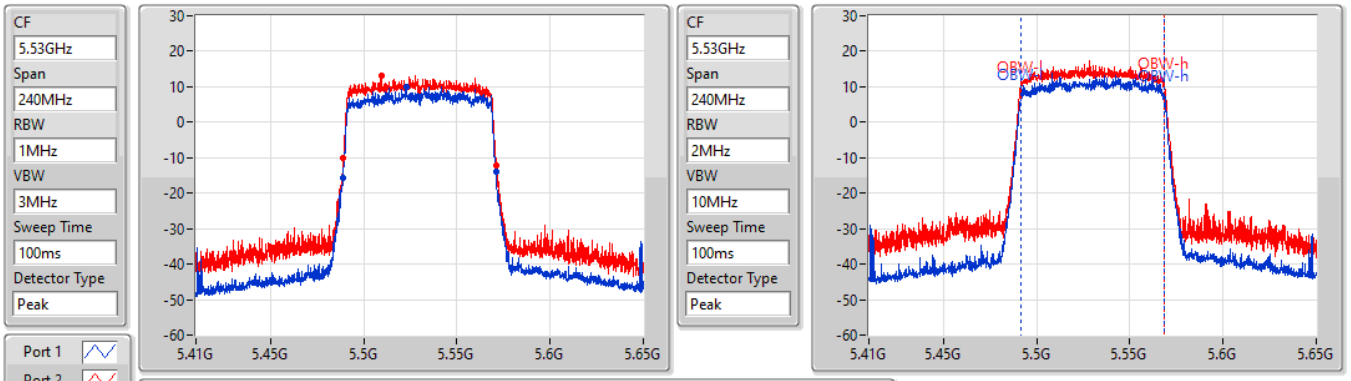


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.2486G	5.33104G	77.339M	5.251279G	5.328618G	Inf	1
82.32M	5.24896G	5.33128G	77.374M	5.251287G	5.328662G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

19/08/2022

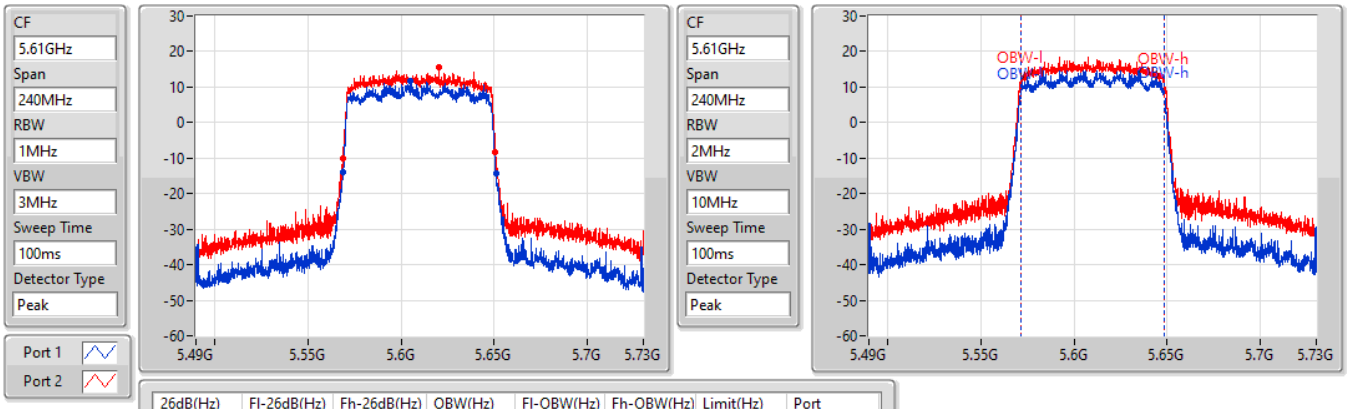


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.48884G	5.57104G	77.227M	5.49134G	5.568567G	Inf	1
82.2M	5.48896G	5.57116G	77.416M	5.491263G	5.568678G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5610MHz

19/08/2022

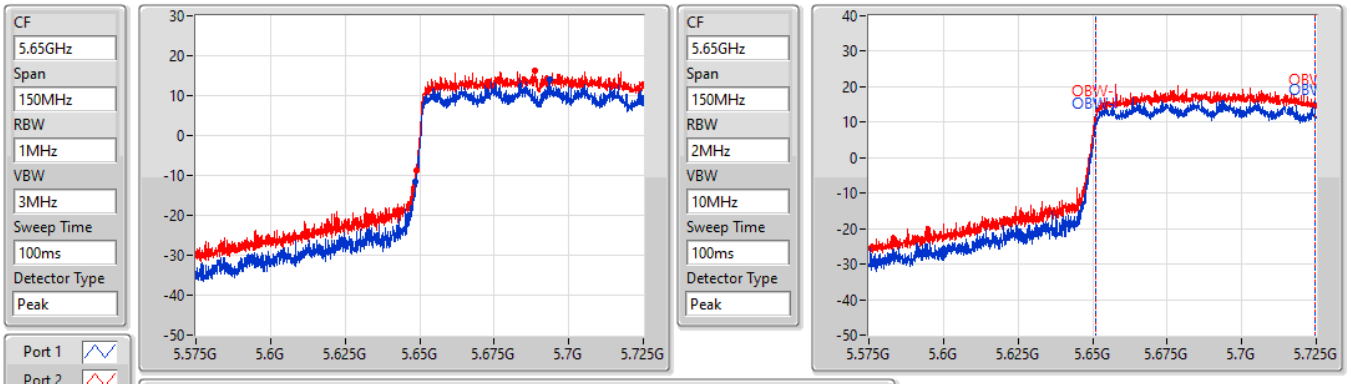


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.56884G	5.65128G	77.116M	5.571318G	5.648434G	Inf	1
81.84M	5.56884G	5.65068G	77.301M	5.571274G	5.648575G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

19/08/2022

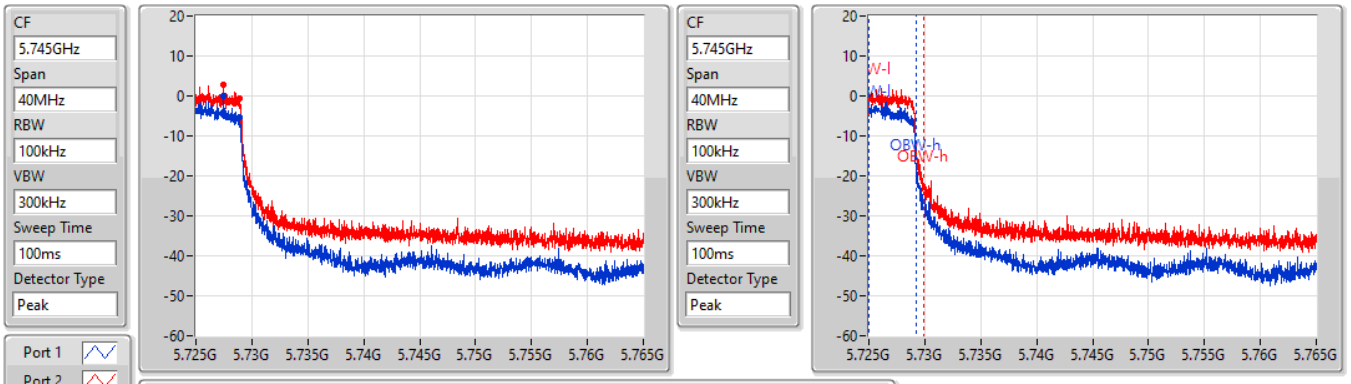


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.35M	5.64865G	5.725G	73.482M	5.651061G	5.724543G	Inf	1
76.2M	5.6488G	5.725G	73.226M	5.6512G	5.724427G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

19/08/2022

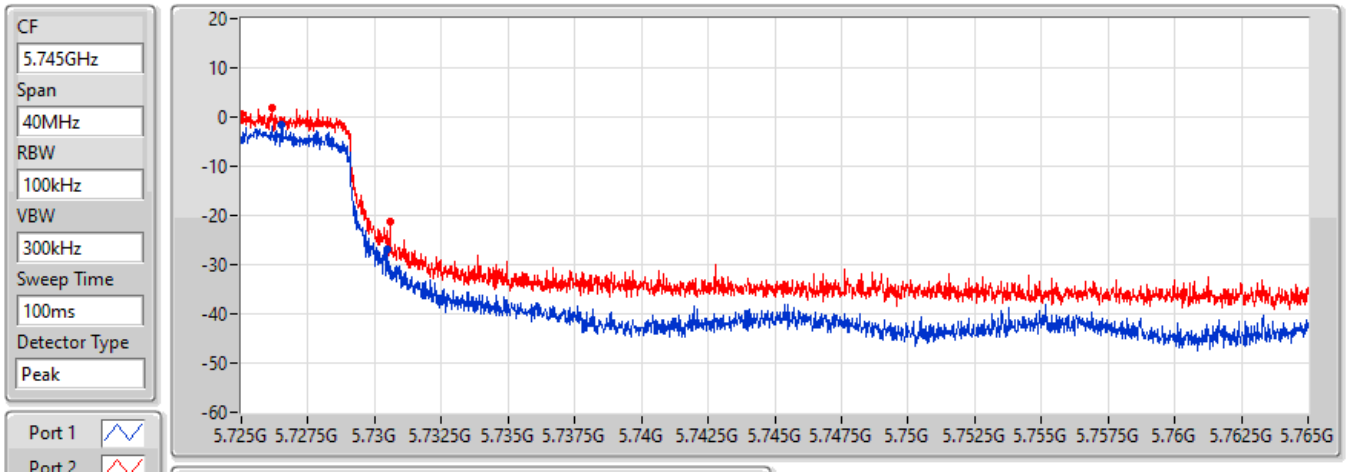


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	4.204M	5.725022G	5.729227G	500k	1
3.94M	5.725G	5.72894G	4.837M	5.725014G	5.729851G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

19/08/2022

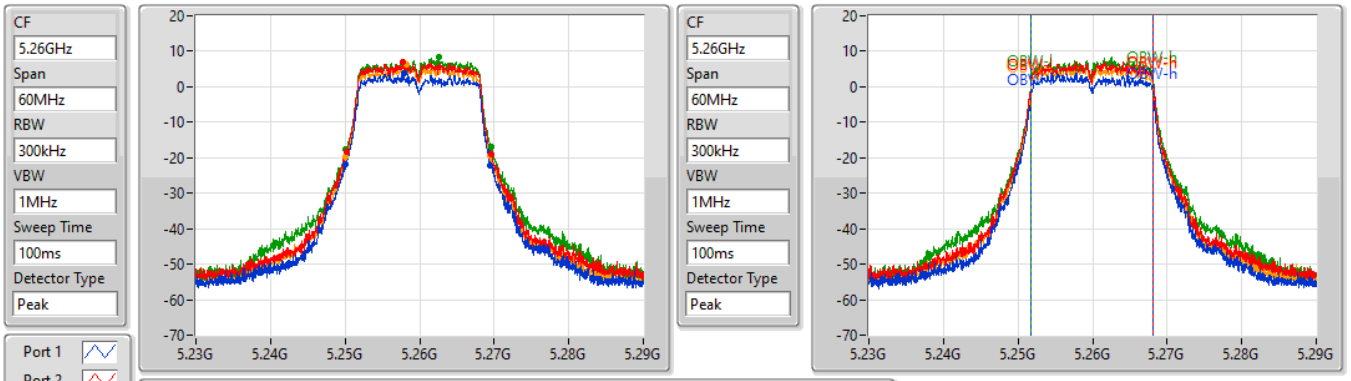


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.46M	5.725G	5.73046G	Inf	1
5.56M	5.725G	5.73056G	Inf	2

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

19/08/2022

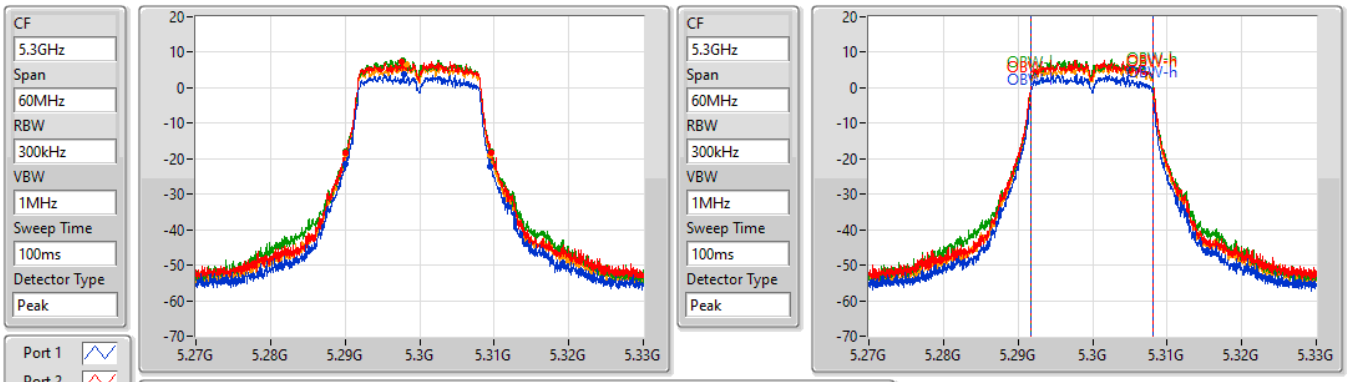


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.5M	5.25001G	5.26951G	16.482M	5.25167G	5.268153G	Inf	1
19.38M	5.25022G	5.2696G	16.477M	5.25168G	5.268156G	Inf	2
19.56M	5.25013G	5.26969G	16.461M	5.251709G	5.26817G	Inf	3
19.32M	5.25013G	5.26945G	16.428M	5.251695G	5.268123G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

19/08/2022

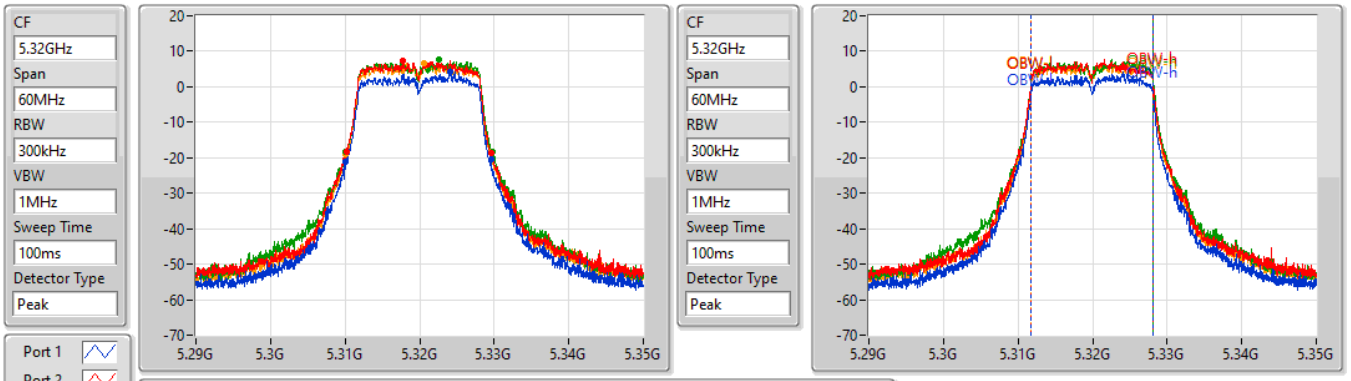


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.28998G	5.30951G	16.457M	5.291652G	5.30811G	Inf	1
19.47M	5.29013G	5.3096G	16.456M	5.291677G	5.308134G	Inf	2
19.41M	5.29013G	5.30954G	16.384M	5.291736G	5.308121G	Inf	3
19.35M	5.2901G	5.30945G	16.433M	5.291707G	5.308139G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

19/08/2022

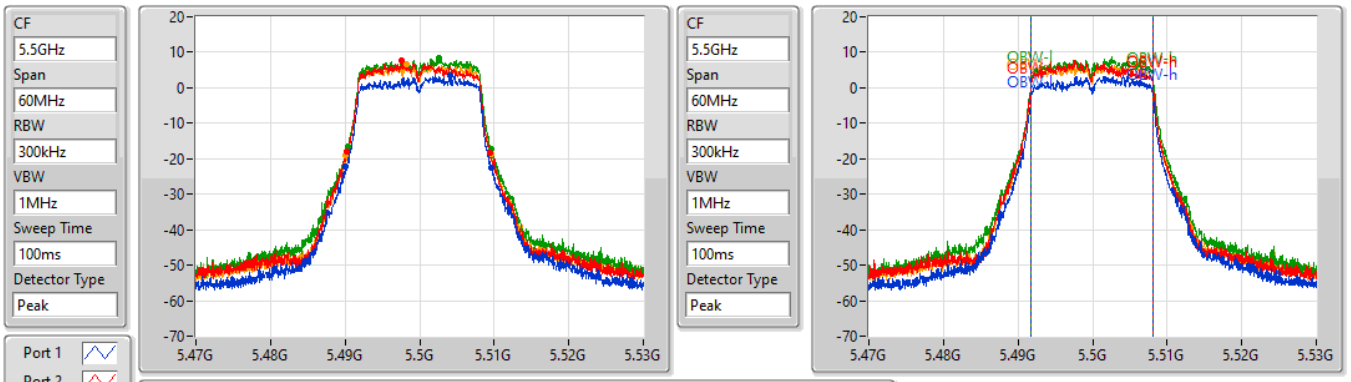


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.47M	5.31007G	5.32954G	16.458M	5.311667G	5.328125G	Inf	1
19.38M	5.31016G	5.32954G	16.436M	5.311689G	5.328125G	Inf	2
19.68M	5.3101G	5.32978G	16.469M	5.311709G	5.328178G	Inf	3
19.53M	5.3101G	5.32963G	16.431M	5.311714G	5.328145G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

19/08/2022

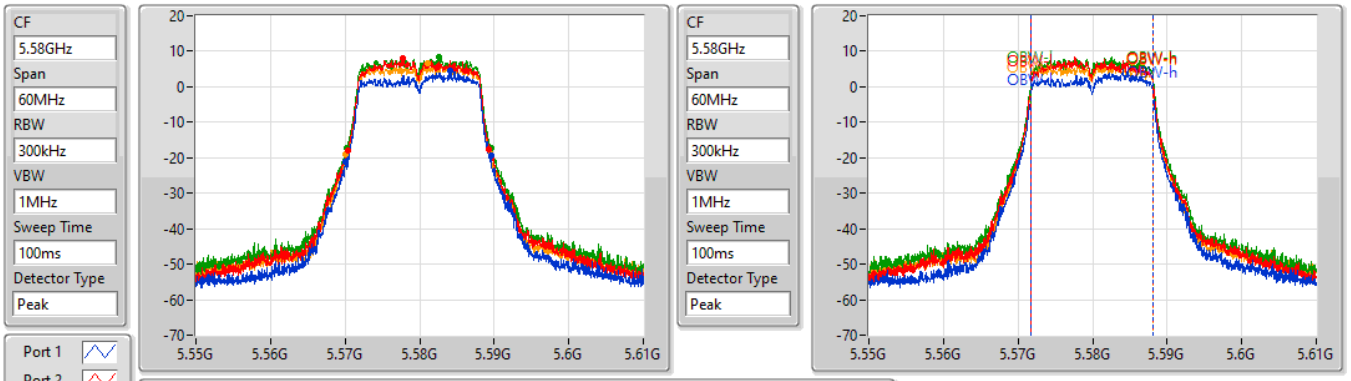


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.56M	5.49007G	5.50963G	16.444M	5.491699G	5.508143G	Inf	1
19.08M	5.49028G	5.50936G	16.407M	5.491708G	5.508116G	Inf	2
19.29M	5.49031G	5.5096G	16.424M	5.49174G	5.508165G	Inf	3
19.47M	5.4901G	5.50957G	16.434M	5.491714G	5.508148G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

19/08/2022

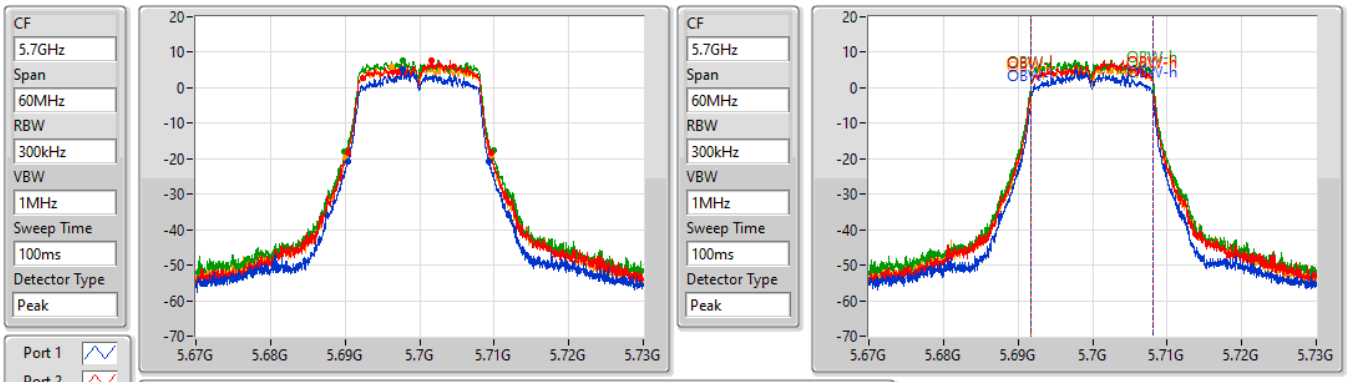


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.44M	5.57013G	5.58957G	16.491M	5.571666G	5.588157G	Inf	1
19.02M	5.57031G	5.58933G	16.357M	5.57175G	5.588108G	Inf	2
19.35M	5.57028G	5.58963G	16.434M	5.57171G	5.588144G	Inf	3
19.29M	5.5701G	5.58939G	16.441M	5.5717G	5.588141G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

19/08/2022

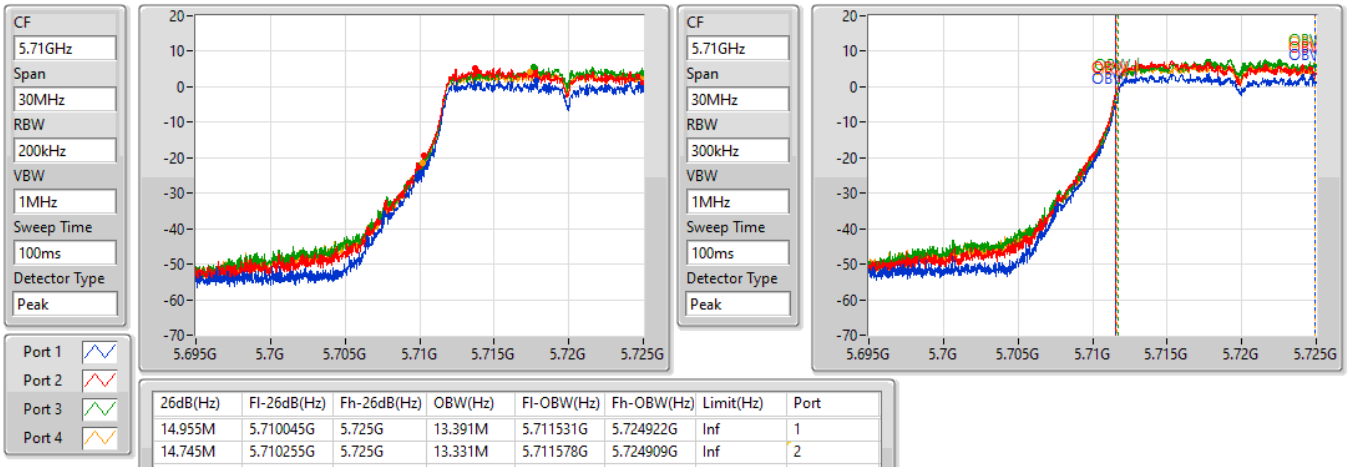


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.99M	5.69031G	5.7093G	16.316M	5.691762G	5.708079G	Inf	1
19.2M	5.6904G	5.7096G	16.367M	5.691745G	5.708112G	Inf	2
19.98M	5.68995G	5.70993G	16.477M	5.691689G	5.708166G	Inf	3
19.56M	5.69007G	5.70963G	16.439M	5.691705G	5.708145G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

19/08/2022

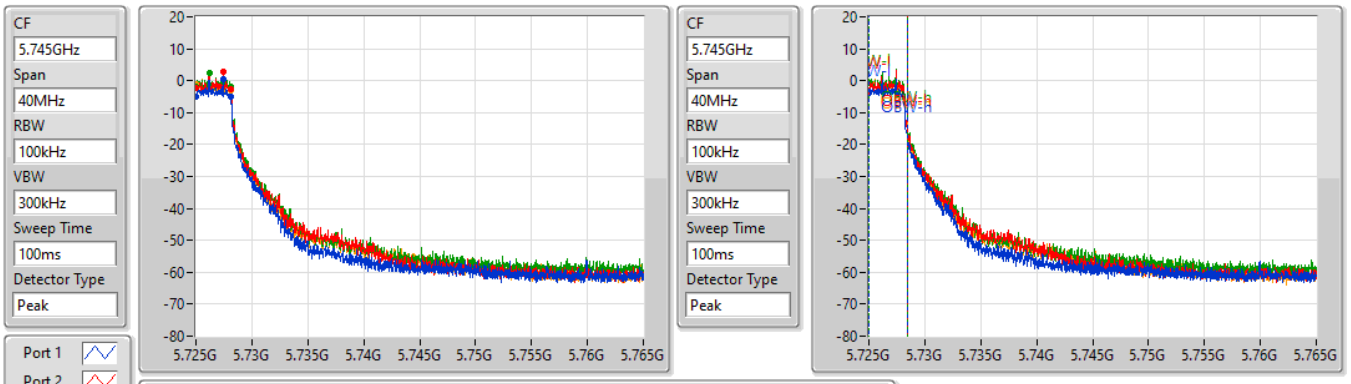


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.955M	5.710045G	5.725G	13.391M	5.711531G	5.724922G	Inf	1
14.745M	5.710255G	5.725G	13.331M	5.711578G	5.724909G	Inf	2
14.625M	5.710375G	5.725G	13.26M	5.711677G	5.724937G	Inf	3
14.805M	5.710195G	5.725G	13.3M	5.711636G	5.724936G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

19/08/2022

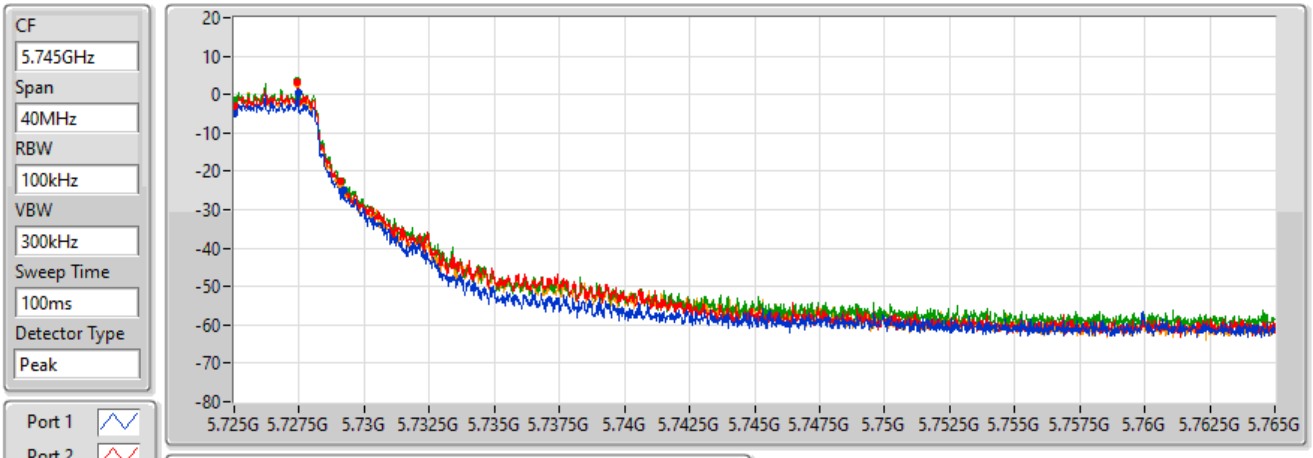


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	3.407M	5.725022G	5.72843G	500k	1
3.08M	5.72502G	5.7281G	3.432M	5.725021G	5.728453G	500k	2
3.1M	5.725G	5.7281G	3.437M	5.725018G	5.728455G	500k	3
3.1M	5.725G	5.7281G	3.386M	5.725016G	5.728402G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

19/08/2022

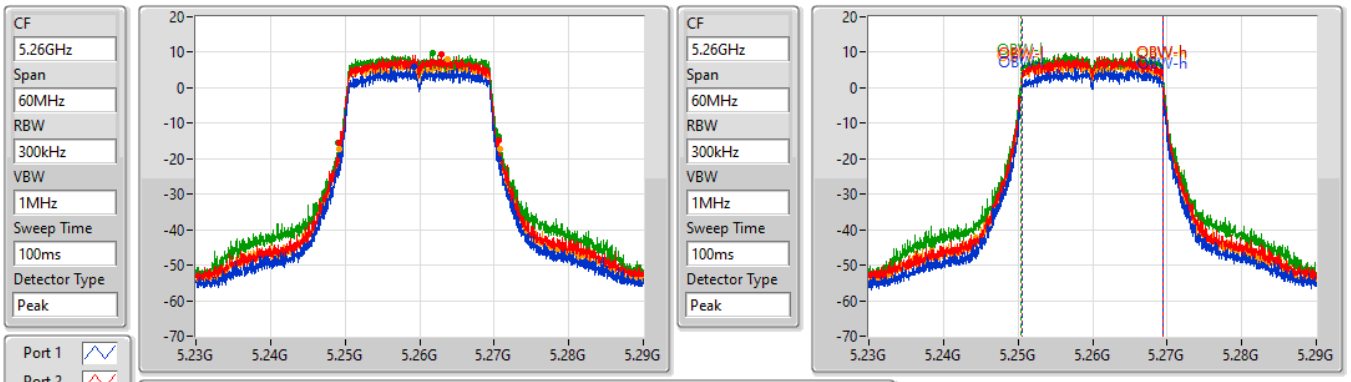


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.18M	5.725G	5.72918G	Inf	1
4.06M	5.725G	5.72906G	Inf	2
4.16M	5.725G	5.72916G	Inf	3
4.08M	5.725G	5.72908G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

19/08/2022

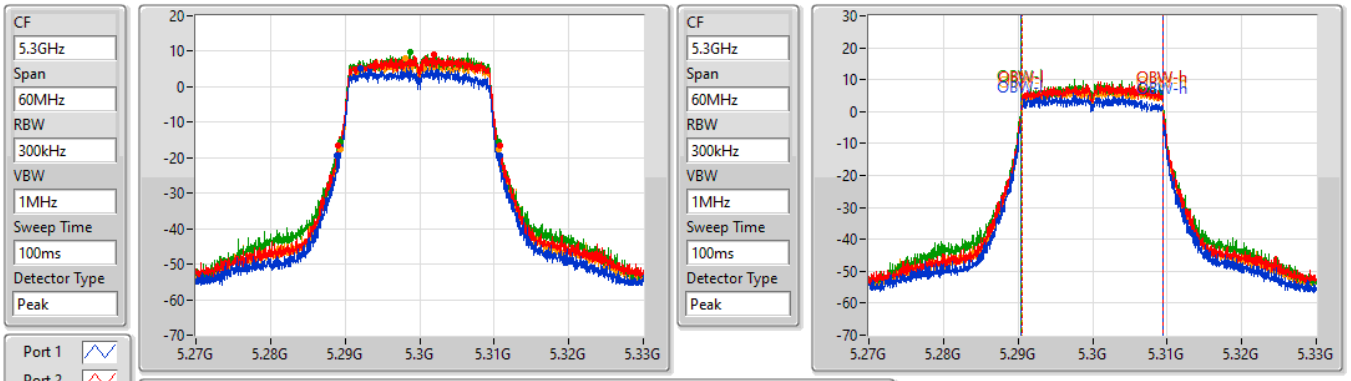


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.24941G	5.27062G	18.904M	5.250493G	5.269396G	Inf	1
21.3M	5.24923G	5.27053G	18.896M	5.250496G	5.269393G	Inf	2
21.45M	5.24911G	5.27056G	18.981M	5.250453G	5.269434G	Inf	3
21.51M	5.24929G	5.2708G	18.94M	5.250455G	5.269396G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

19/08/2022

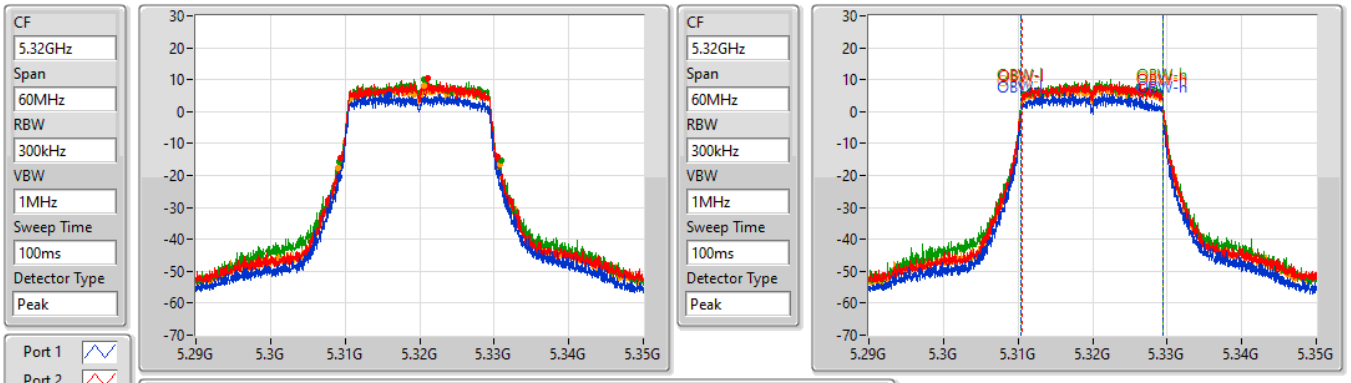


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.28896G	5.31086G	18.927M	5.290454G	5.309381G	Inf	1
21.72M	5.28899G	5.31071G	18.908M	5.29049G	5.309398G	Inf	2
21.21M	5.28935G	5.31056G	18.942M	5.290468G	5.30941G	Inf	3
21.27M	5.28932G	5.31059G	18.921M	5.29048G	5.309401G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

19/08/2022

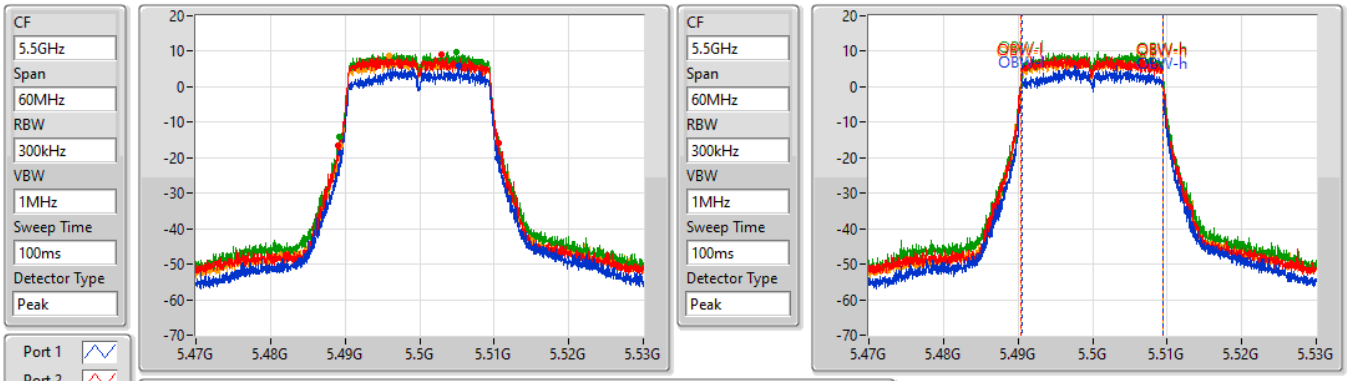


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.30914G	5.33065G	18.916M	5.310456G	5.329372G	Inf	1
21M	5.30941G	5.33041G	18.924M	5.310474G	5.329398G	Inf	2
21.72M	5.3092G	5.33092G	18.952M	5.310459G	5.329411G	Inf	3
21.72M	5.30902G	5.33074G	18.939M	5.310466G	5.329406G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

19/08/2022

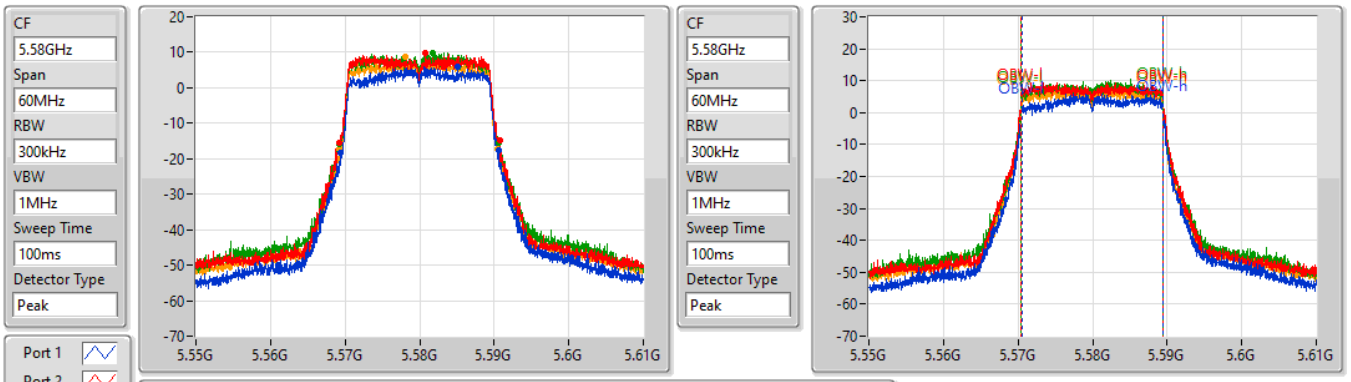


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21M	5.48944G	5.51044G	18.915M	5.490493G	5.509407G	Inf	1
21.48M	5.48911G	5.51059G	18.936M	5.490455G	5.509391G	Inf	2
21.3M	5.48929G	5.51059G	18.925M	5.490481G	5.509406G	Inf	3
21.09M	5.48944G	5.51053G	18.941M	5.490462G	5.509404G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

19/08/2022

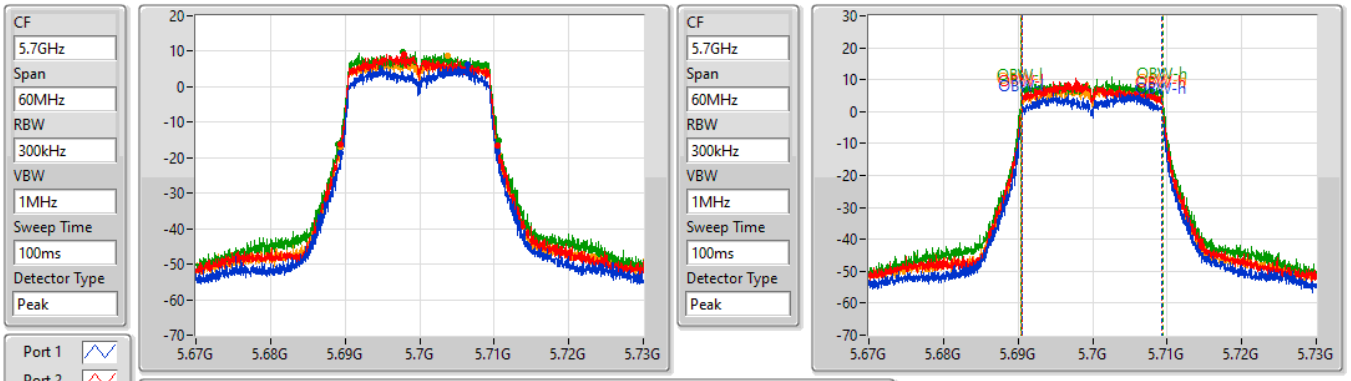


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.15M	5.56938G	5.59053G	18.972M	5.570478G	5.58945G	Inf	1
21.63M	5.56914G	5.59077G	19M	5.57043G	5.58943G	Inf	2
21.33M	5.56923G	5.59056G	18.919M	5.570465G	5.589384G	Inf	3
21.24M	5.56926G	5.5905G	18.945M	5.570455G	5.5894G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

19/08/2022

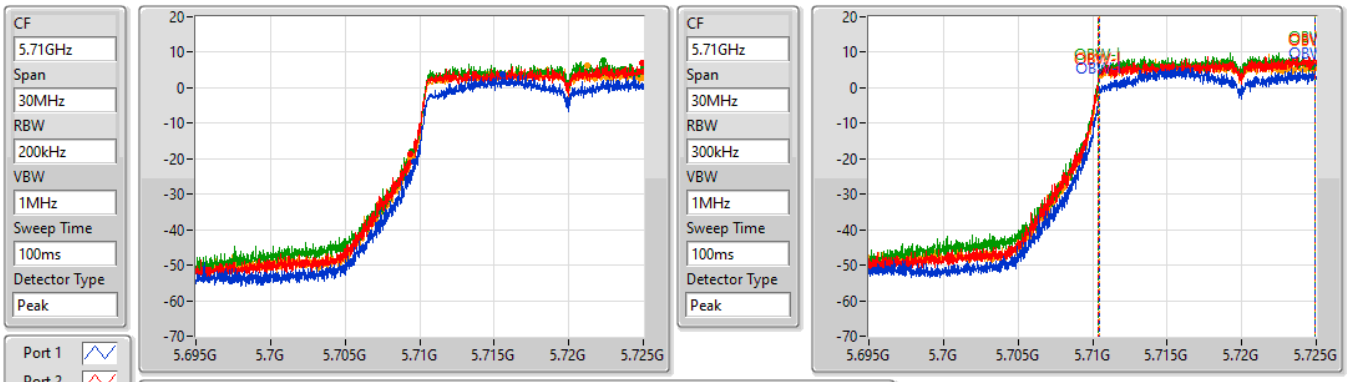


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.97M	5.68947G	5.71044G	18.837M	5.690511G	5.709348G	Inf	1
21.06M	5.68938G	5.71044G	18.859M	5.690494G	5.709353G	Inf	2
21.54M	5.68911G	5.71065G	18.982M	5.690432G	5.709413G	Inf	3
21.06M	5.68938G	5.71044G	18.94M	5.690462G	5.709402G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

19/08/2022

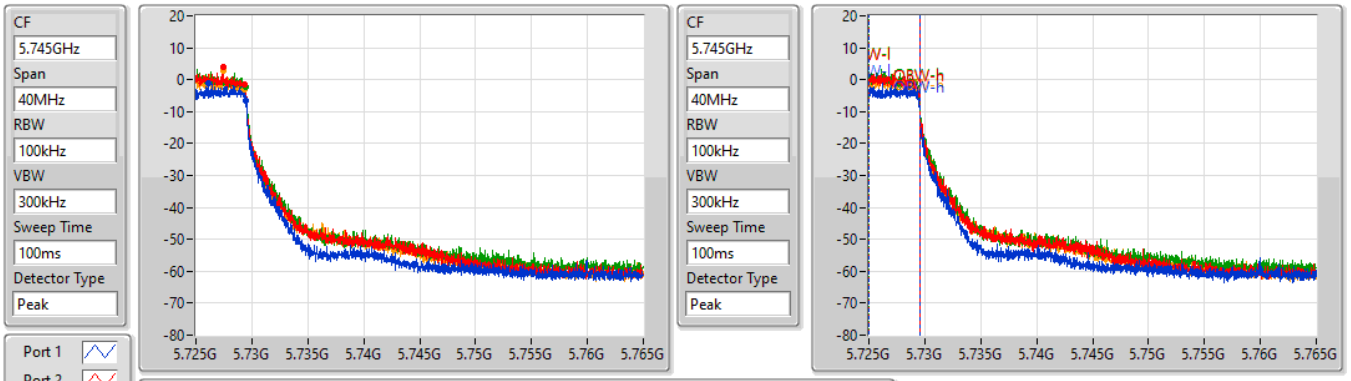


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.36M	5.70964G	5.725G	14.458M	5.710475G	5.724932G	Inf	1
15.645M	5.709355G	5.725G	14.562M	5.710382G	5.724944G	Inf	2
15.555M	5.709445G	5.725G	14.515M	5.710407G	5.724922G	Inf	3
15.585M	5.709415G	5.725G	14.505M	5.710419G	5.724924G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

19/08/2022

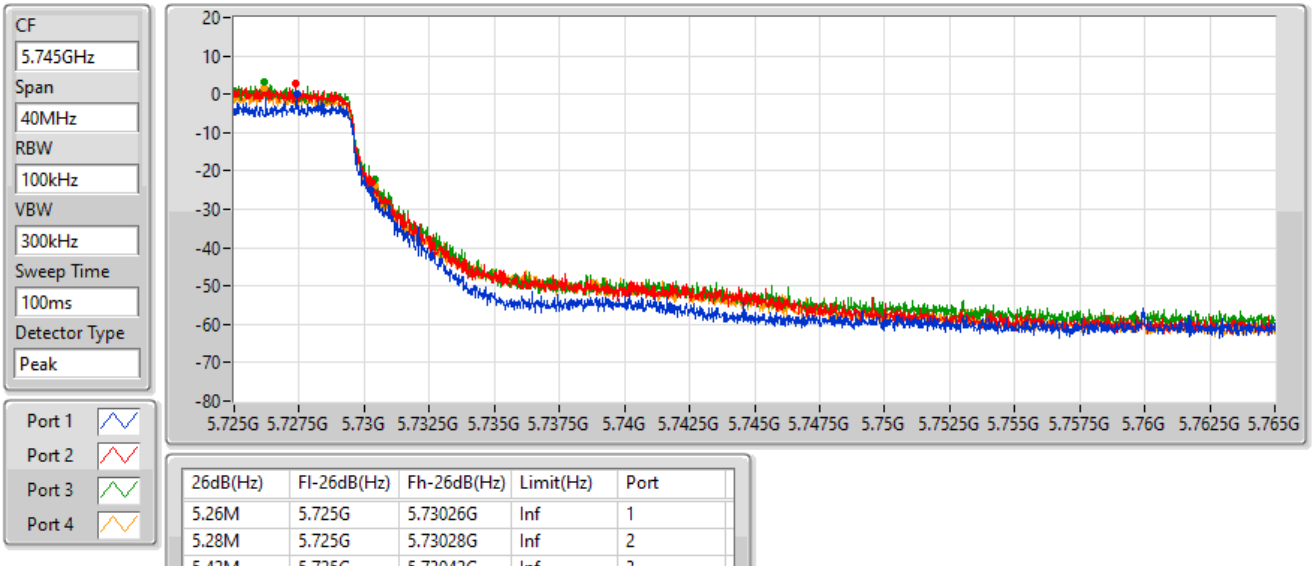


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.725G	5.72944G	4.563M	5.725026G	5.729589G	500k	1
4.36M	5.725G	5.72936G	4.545M	5.72502G	5.729564G	500k	2
4.42M	5.725G	5.72942G	4.558M	5.725019G	5.729577G	500k	3
4.36M	5.725G	5.72936G	4.561M	5.725014G	5.729575G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

19/08/2022

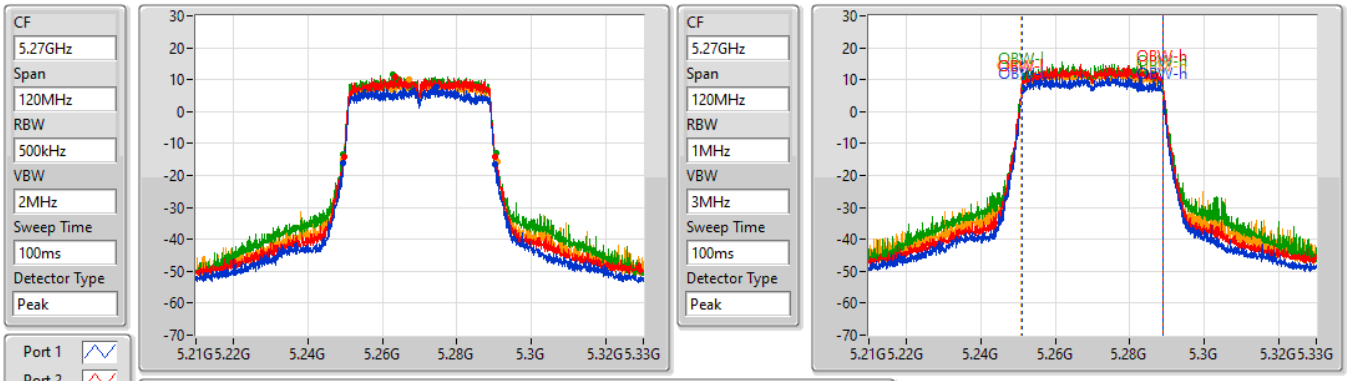


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.26M	5.725G	5.73026G	Inf	1
5.28M	5.725G	5.73028G	Inf	2
5.42M	5.725G	5.73042G	Inf	3
5.4M	5.725G	5.7304G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

19/08/2022

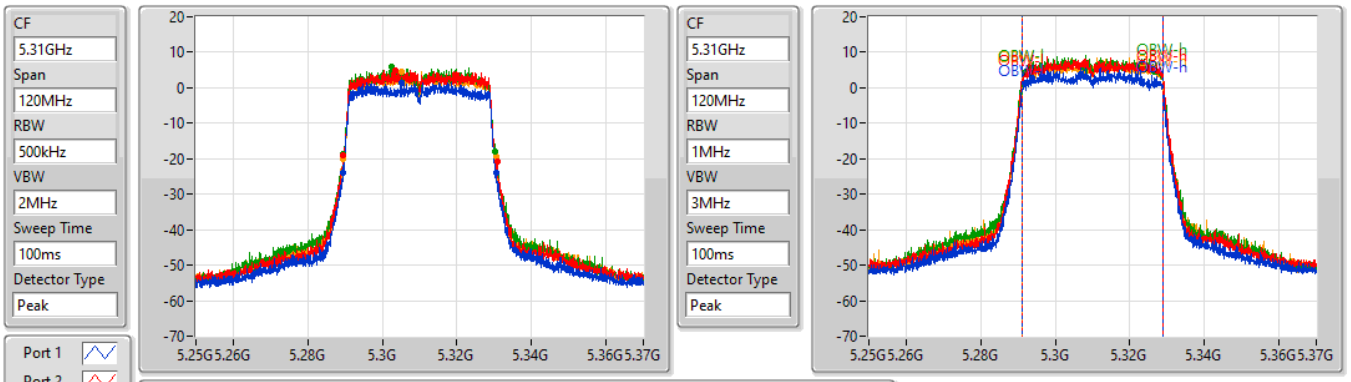


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.24948G	5.29034G	37.919M	5.250973G	5.288893G	Inf	1
40.62M	5.24966G	5.29028G	37.885M	5.251015G	5.288899G	Inf	2
41.04M	5.24954G	5.29058G	37.889M	5.250971G	5.28886G	Inf	3
41.34M	5.24948G	5.29082G	37.994M	5.250944G	5.288938G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

19/08/2022

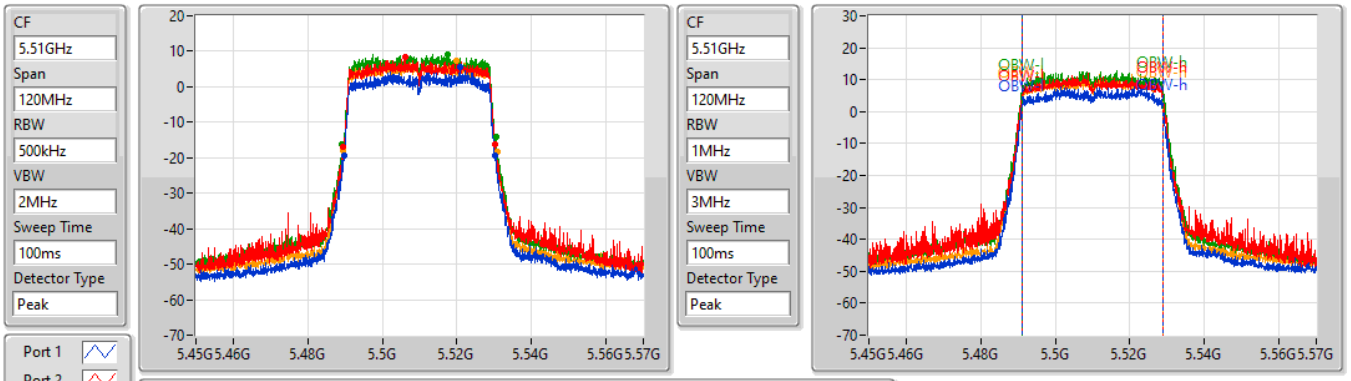


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.28936G	5.33058G	37.909M	5.291G	5.328909G	Inf	1
41.16M	5.2896G	5.33076G	37.928M	5.291019G	5.328947G	Inf	2
40.62M	5.28954G	5.33016G	37.829M	5.291012G	5.328841G	Inf	3
41.04M	5.28942G	5.33046G	37.976M	5.290948G	5.328924G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

19/08/2022

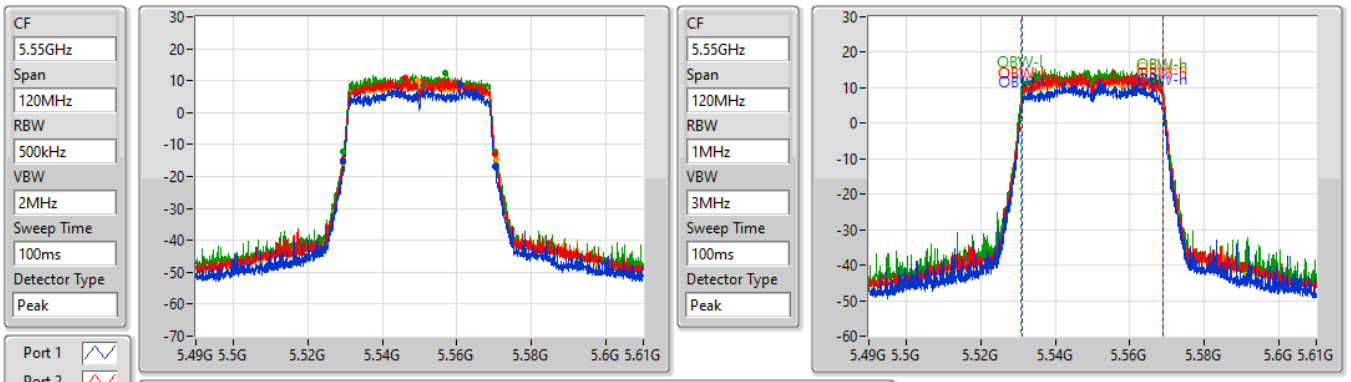


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.5M	5.48978G	5.53028G	37.827M	5.491016G	5.528843G	Inf	1
40.56M	5.4896G	5.53016G	37.917M	5.490967G	5.528884G	Inf	2
41.34M	5.48924G	5.53058G	38.005M	5.490994G	5.529G	Inf	3
41.22M	5.48954G	5.53076G	37.927M	5.490985G	5.528913G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

19/08/2022

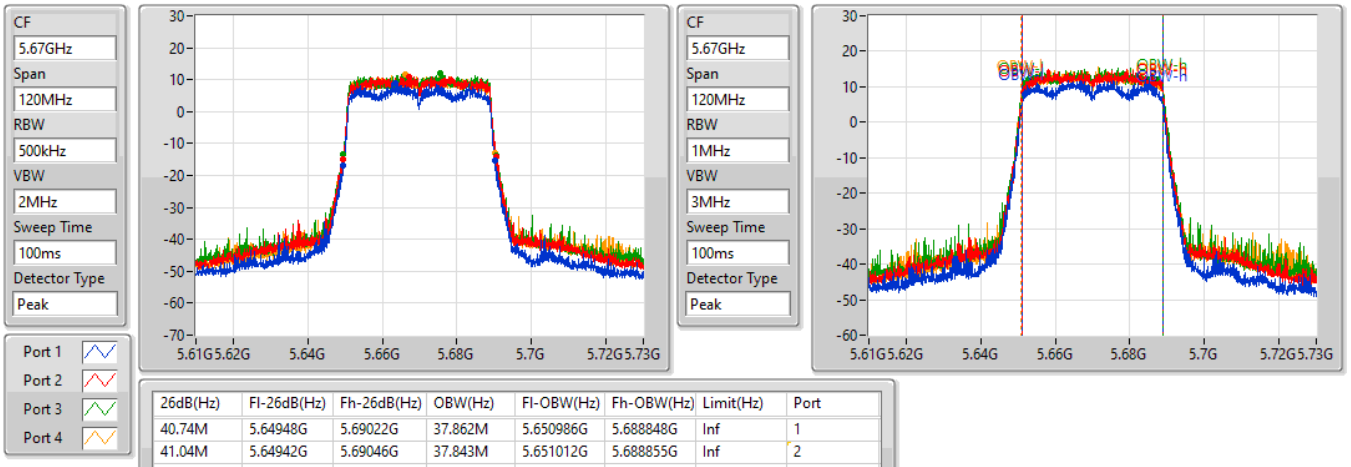


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.52948G	5.57034G	37.852M	5.531002G	5.568853G	Inf	1
40.8M	5.52948G	5.57028G	37.822M	5.531046G	5.568867G	Inf	2
40.8M	5.52954G	5.57034G	38.013M	5.530937G	5.56895G	Inf	3
40.92M	5.52948G	5.5704G	37.957M	5.530979G	5.568935G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

19/08/2022

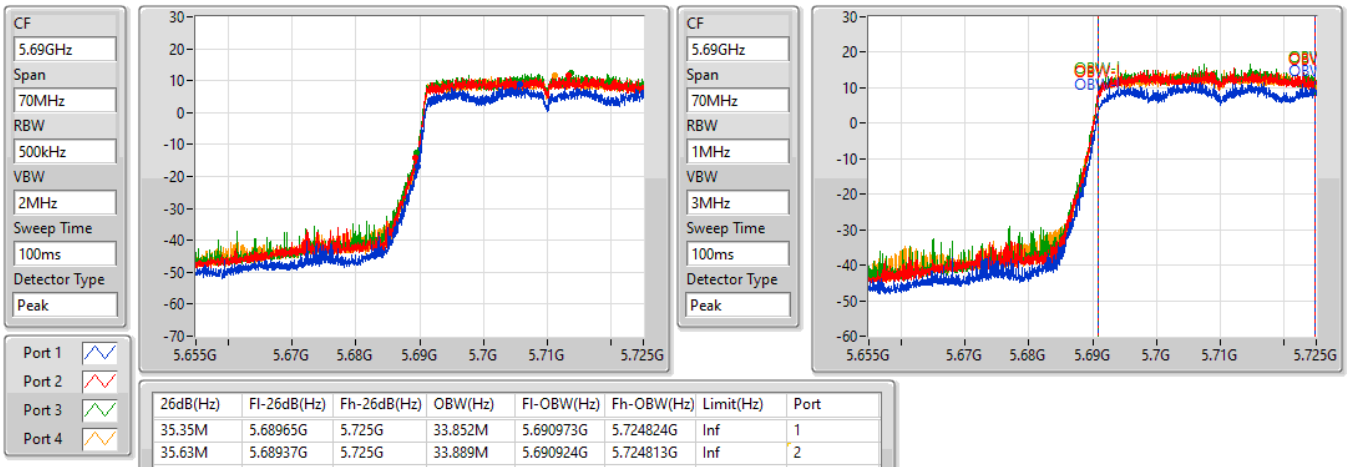


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.64948G	5.69022G	37.862M	5.650986G	5.688848G	Inf	1
41.04M	5.64942G	5.69046G	37.843M	5.651012G	5.688855G	Inf	2
41.34M	5.649336G	5.6907G	37.969M	5.650968G	5.688938G	Inf	3
40.62M	5.6496G	5.69022G	37.905M	5.650946G	5.688851G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

19/08/2022

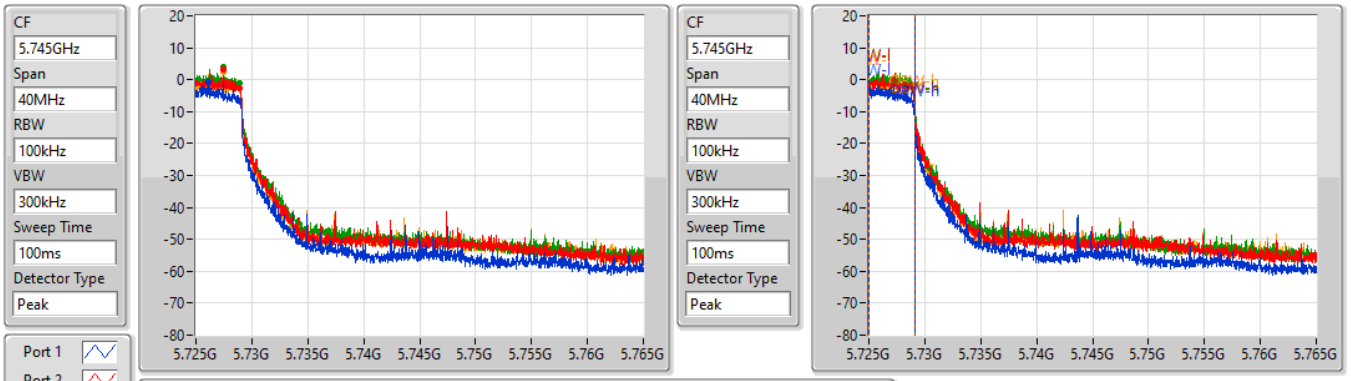


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.35M	5.68965G	5.725G	33.852M	5.690973G	5.724824G	Inf	1
35.63M	5.68937G	5.725G	33.889M	5.690924G	5.724813G	Inf	2
35.455M	5.689545G	5.725G	33.871M	5.690942G	5.724814G	Inf	3
35.56M	5.68944G	5.725G	33.902M	5.690886G	5.724787G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

19/08/2022

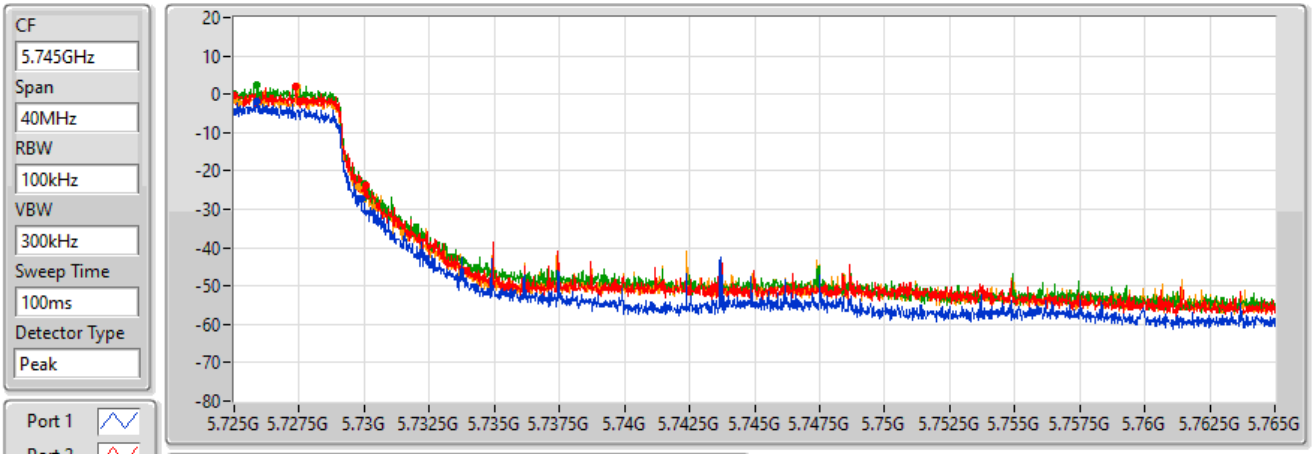


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.84M	5.725G	5.72884G	4.081M	5.72502G	5.729101G	500k	1
3.9M	5.725G	5.7289G	4.119M	5.725015G	5.729134G	500k	2
3.94M	5.725G	5.72894G	4.104M	5.725019G	5.729123G	500k	3
3.92M	5.725G	5.72892G	4.109M	5.725018G	5.729127G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

19/08/2022

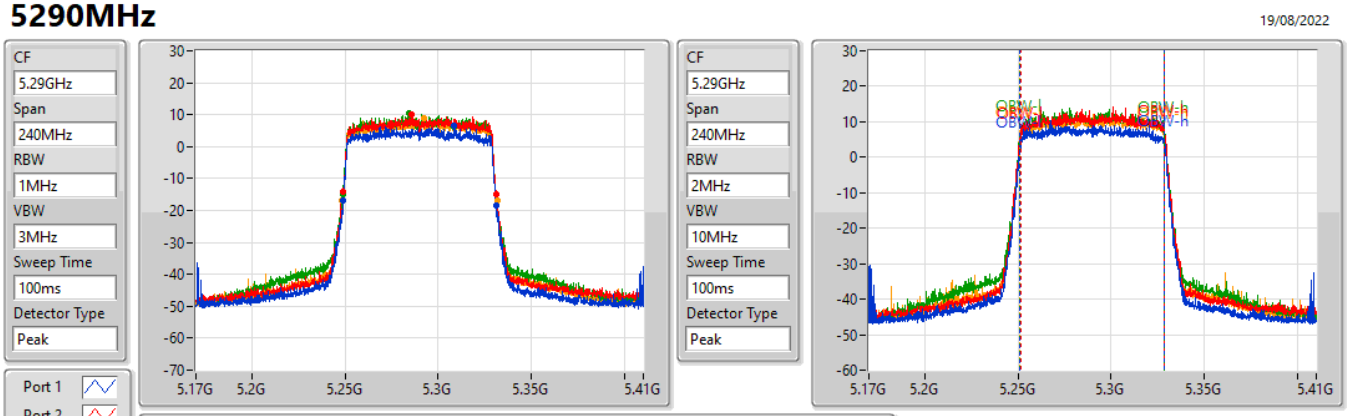


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.88M	5.725G	5.72988G	Inf	1
5.04M	5.725G	5.73004G	Inf	2
5.02M	5.725G	5.73002G	Inf	3
4.76M	5.725G	5.72976G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

19/08/2022

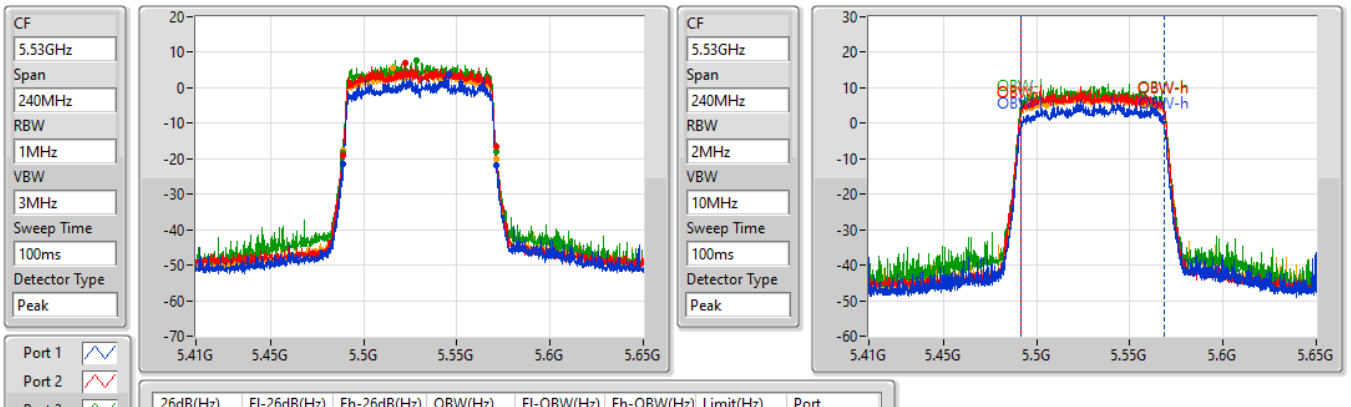


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.24872G	5.33128G	77.443M	5.251212G	5.328655G	Inf	1
82.08M	5.24896G	5.33104G	77.259M	5.251345G	5.328603G	Inf	2
81.96M	5.24896G	5.33092G	77.349M	5.251189G	5.328538G	Inf	3
83.4M	5.24812G	5.33152G	77.52M	5.251209G	5.328728G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

19/08/2022



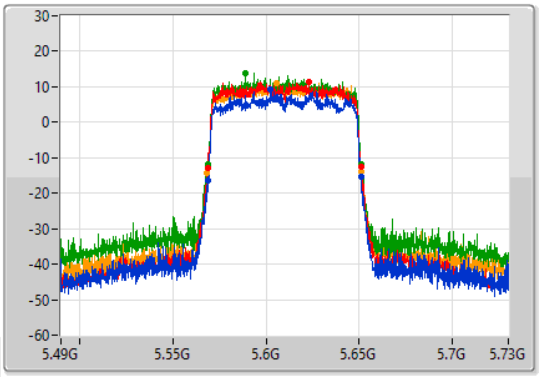
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.48908G	5.57104G	77.16M	5.491292G	5.568452G	Inf	1
82.2M	5.48884G	5.57104G	77.34M	5.49135G	5.56869G	Inf	2
82.68M	5.4886G	5.57128G	77.349M	5.491238G	5.568588G	Inf	3
82.68M	5.48872G	5.5714G	77.263M	5.49141G	5.568673G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

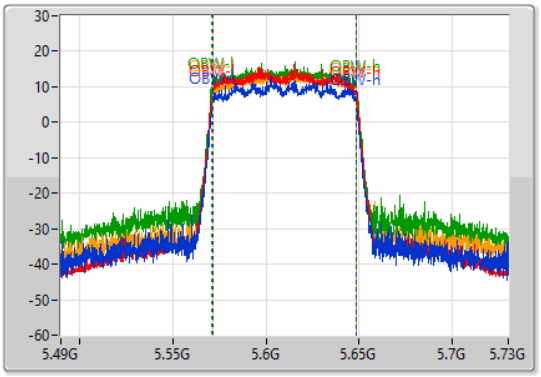
5610MHz

19/08/2022

CF 5.61GHz
Span 240MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Peak



CF 5.61GHz
Span 240MHz
RBW 2MHz
VBW 10MHz
Sweep Time 100ms
Detector Type Peak



Port 1
Port 2
Port 3
Port 4

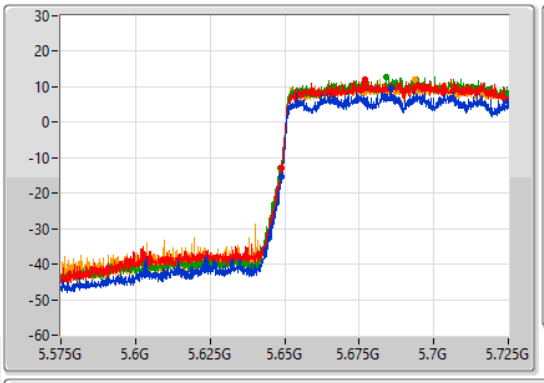
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56884G	5.65104G	77.222M	5.571227G	5.648449G	Inf	1
82.44M	5.5686G	5.65104G	77.094M	5.571318G	5.648412G	Inf	2
82.32M	5.56872G	5.65104G	77.429M	5.571124G	5.648553G	Inf	3
82.8M	5.56836G	5.65116G	77.403M	5.571331G	5.648733G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

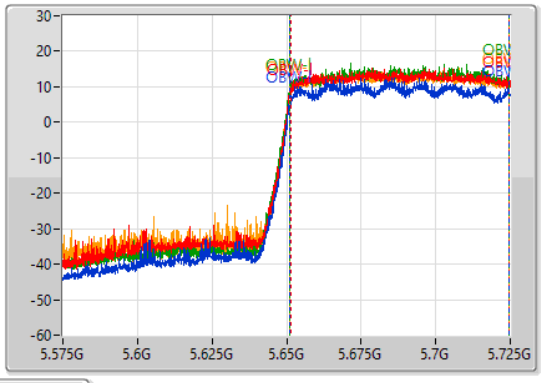
5690MHz Straddle 5.47-5.725GHz

19/08/2022

CF 5.65GHz
Span 150MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Peak



CF 5.65GHz
Span 150MHz
RBW 2MHz
VBW 10MHz
Sweep Time 100ms
Detector Type Peak



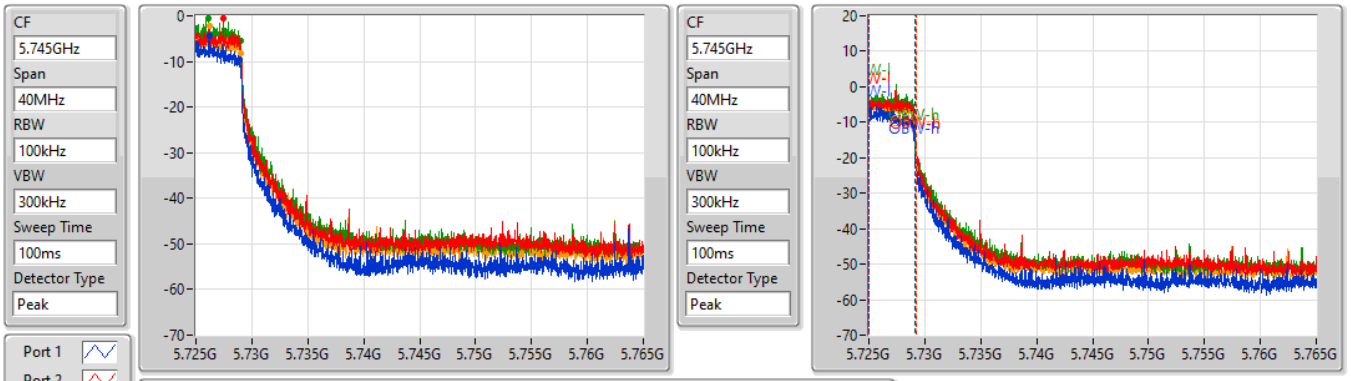
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.975M	5.649025G	5.725G	73.379M	5.65116G	5.724539G	Inf	1
76.05M	5.64895G	5.725G	73.173M	5.651266G	5.724439G	Inf	2
76.5M	5.6485G	5.725G	73.301M	5.651188G	5.724489G	Inf	3
76.425M	5.648575G	5.725G	73.255M	5.651193G	5.724447G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

19/08/2022

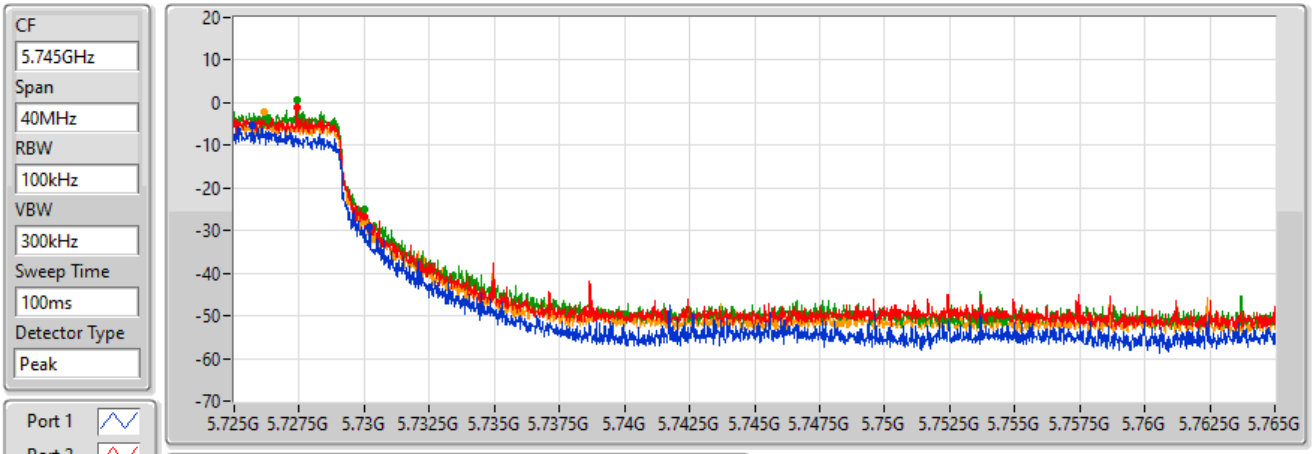


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.92M	5.725G	5.72892G	4.12M	5.725019G	5.72914G	500k	1
3.82M	5.72502G	5.72884G	4.164M	5.725018G	5.729182G	500k	2
3.96M	5.725G	5.72896G	4.134M	5.725021G	5.729155G	500k	3
4.04M	5.725G	5.72904G	4.175M	5.725013G	5.729188G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

19/08/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.2M	5.725G	5.7302G	Inf	1
4.98M	5.725G	5.72998G	Inf	2
4.98M	5.725G	5.72998G	Inf	3
5M	5.725G	5.73G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.74M	16.457M	16M5D1D	19.56M	16.441M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.51M	18.95M	19M0D1D	21.27M	18.936M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.8M	37.953M	38M0D1D	40.74M	37.906M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.68M	77.453M	77M5D1D	82.68M	77.453M
802.11a_Nss1,(6Mbps)_2TX	19.65M	16.443M	16M5D1D	19.44M	16.412M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.6M	18.956M	19M0D1D	21.39M	18.911M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.1M	38.001M	38M0D1D	40.86M	37.906M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.32M	77.479M	77M5D1D	82.2M	77.367M
802.11a_Nss1,(6Mbps)_4TX	19.83M	16.467M	16M5D1D	19.32M	16.392M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.66M	18.979M	19M0D1D	21.12M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.16M	37.979M	38M0D1D	40.74M	37.853M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.68M	77.473M	77M5D1D	81.96M	77.202M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.89M	16.452M	16M5D1D	14.745M	13.307M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.42M	18.949M	19M0D1D	15.9M	14.51M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.22M	37.972M	38M0D1D	35.735M	33.939M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.2M	77.448M	77M5D1D	76.2M	73.346M
802.11a_Nss1,(6Mbps)_2TX	19.71M	16.548M	16M6D1D	14.595M	13.25M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.66M	19.026M	19M0D1D	15.45M	14.467M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.1M	37.981M	38M0D1D	35.525M	33.87M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.92M	77.408M	77M5D1D	76.275M	73.197M
802.11a_Nss1,(6Mbps)_4TX	19.71M	16.596M	16M6D1D	14.67M	13.255M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.54M	19.012M	19M0D1D	15.675M	14.509M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.28M	38.04M	38M0D1D	35.42M	33.828M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.44M	77.465M	77M5D1D	75.825M	73.062M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	3.422M	3M42D1D	3.1M	3.422M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.44M	4.564M	4M56D1D	4.44M	4.564M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.92M	4.109M	4M11D1D	3.92M	4.109M
802.11ax HEW80_Nss1,(MCS0)_1TX	4.08M	4.178M	4M18D1D	4.08M	4.178M
802.11a_Nss1,(6Mbps)_2TX	3.1M	3.453M	3M45D1D	2.94M	3.441M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.44M	4.572M	4M57D1D	4.36M	4.521M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.1M	4.144M	4M14D1D	3.94M	4.096M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.06M	4.19M	4M19D1D	3.88M	4.126M
802.11a_Nss1,(6Mbps)_4TX	3.08M	3.429M	3M43D1D	3.08M	3.407M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.42M	4.575M	4M58D1D	4.3M	4.53M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.02M	4.133M	4M13D1D	3.9M	4.102M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.98M	4.459M	4M46D1D	3.92M	4.231M

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	19.56M	16.448M						
5300MHz	Pass	Inf	19.74M	16.457M						
5320MHz	Pass	Inf	19.59M	16.441M						
5500MHz	Pass	Inf	19.89M	16.438M						
5580MHz	Pass	Inf	19.62M	16.452M						
5700MHz	Pass	Inf	19.53M	16.437M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.745M	13.307M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.422M						
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.51M	18.936M						
5300MHz	Pass	Inf	21.27M	18.936M						
5320MHz	Pass	Inf	21.39M	18.95M						
5500MHz	Pass	Inf	21.42M	18.937M						
5580MHz	Pass	Inf	21.42M	18.937M						
5700MHz	Pass	Inf	21.3M	18.949M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.9M	14.51M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.564M						
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.8M	37.906M						
5310MHz	Pass	Inf	40.74M	37.953M						
5510MHz	Pass	Inf	41.22M	37.951M						
5550MHz	Pass	Inf	40.86M	37.972M						
5670MHz	Pass	Inf	40.92M	37.96M						
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.735M	33.939M						
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.109M						
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.68M	77.453M						
5530MHz	Pass	Inf	82.2M	77.448M						
5610MHz	Pass	Inf	82.2M	77.319M						
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.346M						
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.178M						
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.65M	16.412M	19.53M	16.424M				
5300MHz	Pass	Inf	19.59M	16.443M	19.53M	16.424M				
5320MHz	Pass	Inf	19.62M	16.436M	19.44M	16.422M				
5500MHz	Pass	Inf	19.47M	16.461M	19.44M	16.418M				
5580MHz	Pass	Inf	19.71M	16.468M	19.41M	16.428M				
5700MHz	Pass	Inf	19.38M	16.548M	19.41M	16.432M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.595M	13.25M	14.625M	13.262M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	2.94M	3.441M	3.1M	3.453M				
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.42M	18.911M	21.51M	18.919M				
5300MHz	Pass	Inf	21.6M	18.932M	21.51M	18.928M				
5320MHz	Pass	Inf	21.42M	18.911M	21.39M	18.956M				
5500MHz	Pass	Inf	21.42M	18.908M	21.51M	18.911M				
5580MHz	Pass	Inf	21.09M	18.929M	21.33M	18.942M				
5700MHz	Pass	Inf	21.66M	19.026M	21.45M	18.95M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.45M	14.467M	15.705M	14.492M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	4.521M	4.44M	4.572M				
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.1M	37.906M	41.04M	37.908M				
5310MHz	Pass	Inf	40.86M	38.001M	40.92M	37.927M				
5510MHz	Pass	Inf	41.1M	37.95M	41.1M	37.939M				
5550MHz	Pass	Inf	40.74M	37.981M	41.04M	37.971M				

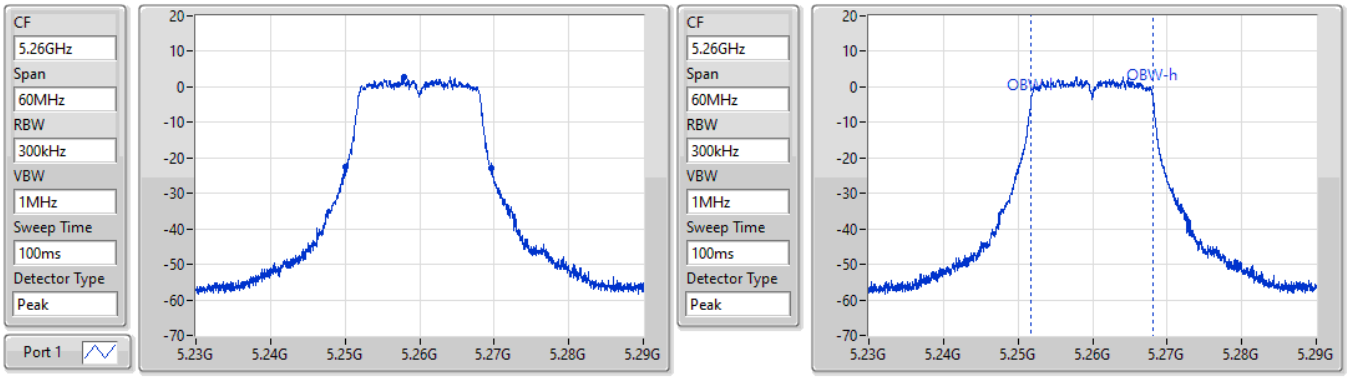
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5670MHz	Pass	Inf	40.74M	37.788M	40.92M	37.964M				
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.805M	33.895M	35.525M	33.87M				
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.096M	4.1M	4.144M				
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.479M	82.2M	77.367M				
5530MHz	Pass	Inf	82.08M	77.232M	82.8M	77.408M				
5610MHz	Pass	Inf	82.92M	77.131M	82.92M	77.372M				
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.442M	76.35M	73.197M				
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.126M	4.06M	4.19M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.38M	16.401M	19.35M	16.445M	19.44M	16.446M	19.8M	16.434M
5300MHz	Pass	Inf	19.32M	16.449M	19.41M	16.452M	19.47M	16.458M	19.35M	16.433M
5320MHz	Pass	Inf	19.83M	16.446M	19.44M	16.467M	19.32M	16.392M	19.59M	16.445M
5500MHz	Pass	Inf	19.71M	16.502M	19.56M	16.493M	19.59M	16.451M	19.44M	16.434M
5580MHz	Pass	Inf	19.44M	16.46M	19.62M	16.529M	19.68M	16.415M	19.56M	16.44M
5700MHz	Pass	Inf	19.65M	16.596M	19.32M	16.414M	19.17M	16.399M	19.47M	16.443M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.67M	13.255M	14.715M	13.332M	14.685M	13.268M	14.775M	13.296M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.416M	3.08M	3.429M	3.08M	3.427M	3.08M	3.407M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.27M	18.941M	21.39M	18.932M	21.18M	18.926M	21.27M	18.93M
5300MHz	Pass	Inf	21.3M	18.94M	21.48M	18.965M	21.57M	18.968M	21.48M	18.944M
5320MHz	Pass	Inf	21.66M	18.963M	21.12M	18.891M	21.27M	18.979M	21.24M	18.944M
5500MHz	Pass	Inf	21.18M	18.929M	21.03M	18.926M	21.18M	18.955M	21.3M	18.955M
5580MHz	Pass	Inf	21.36M	18.949M	21.45M	19.012M	21.06M	18.91M	21.33M	18.946M
5700MHz	Pass	Inf	21.48M	18.807M	21.54M	18.961M	21M	18.891M	21.33M	18.937M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.065M	14.578M	15.915M	14.579M	15.675M	14.551M	15.84M	14.509M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.3M	4.53M	4.38M	4.538M	4.42M	4.575M	4.4M	4.545M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.92M	37.979M	40.74M	37.96M	40.74M	37.889M	40.92M	37.943M
5310MHz	Pass	Inf	41.1M	37.961M	41.16M	37.927M	40.86M	37.853M	41.04M	37.941M
5510MHz	Pass	Inf	40.74M	37.909M	40.98M	37.934M	41.28M	38.04M	40.8M	37.953M
5550MHz	Pass	Inf	40.98M	37.825M	40.5M	37.792M	41.16M	37.957M	40.86M	38.005M
5670MHz	Pass	Inf	40.8M	37.795M	40.62M	37.825M	40.74M	38.028M	41.22M	37.879M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.911M	35.525M	33.828M	35.49M	33.905M	35.42M	33.889M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	4.102M	3.94M	4.128M	4.02M	4.117M	3.9M	4.133M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.68M	77.458M	82.08M	77.288M	81.96M	77.202M	82.44M	77.473M
5530MHz	Pass	Inf	82.44M	77.259M	82.44M	77.428M	82.08M	77.465M	81.84M	77.278M
5610MHz	Pass	Inf	81.72M	77.184M	81.84M	76.954M	82.32M	77.416M	82.32M	77.414M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.433M	76.275M	73.062M	75.825M	73.165M	76.2M	73.39M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.459M	3.96M	4.306M	3.92M	4.231M	3.98M	4.322M

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

802.11a_Nss1,(6Mbps)_1TX EBW

5260MHz

24/08/2022

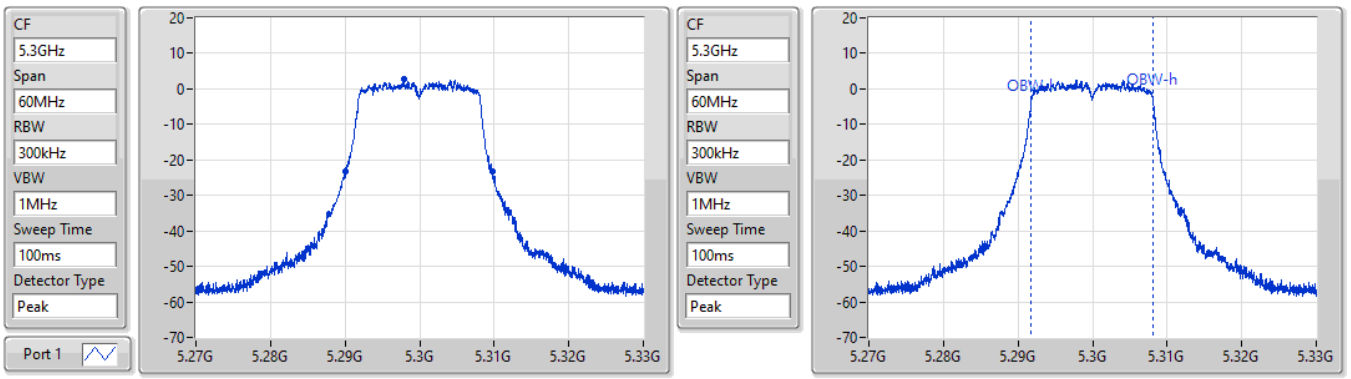


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.56M	5.25004G	5.2696G	16.448M	5.251693G	5.26814G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5300MHz

24/08/2022

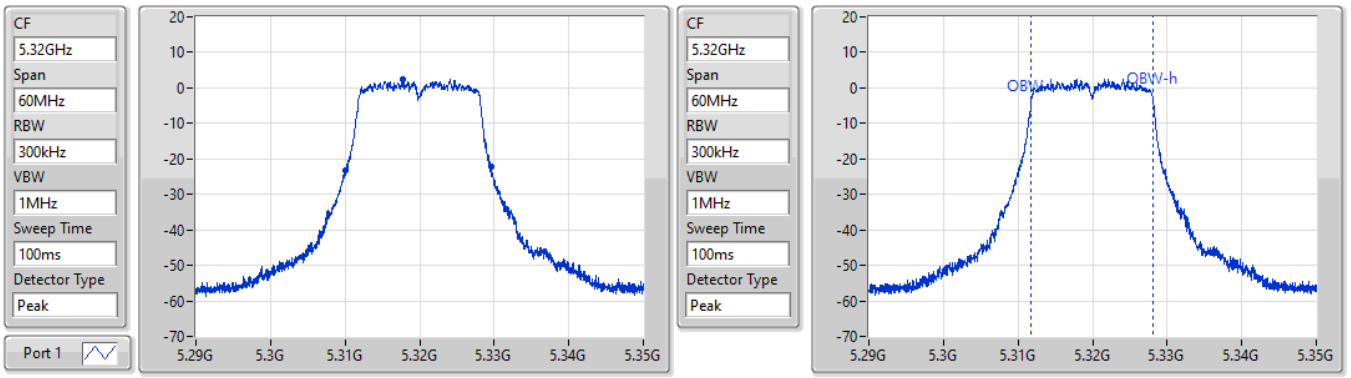


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.74M	5.29001G	5.30975G	16.457M	5.291693G	5.30815G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

24/08/2022

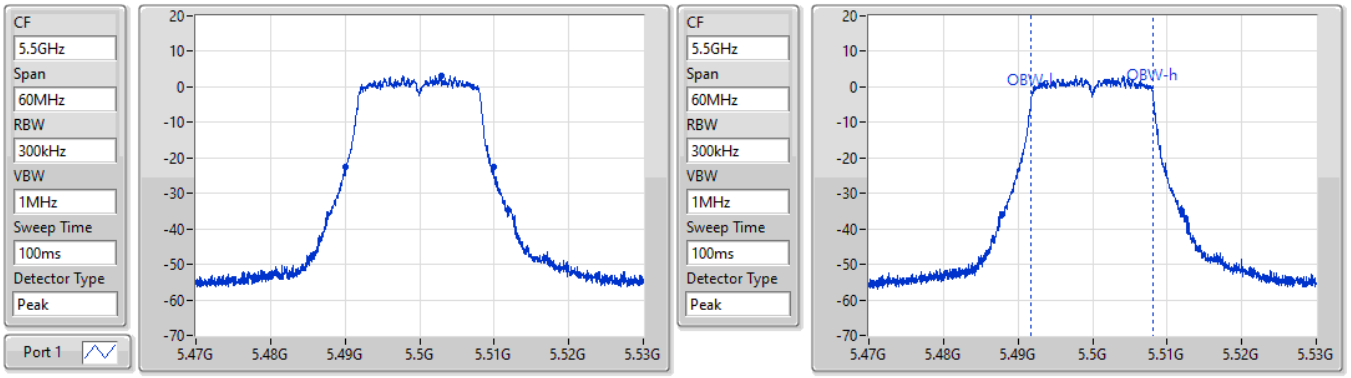


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.59M	5.30998G	5.32957G	16.441M	5.311705G	5.328146G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

24/08/2022

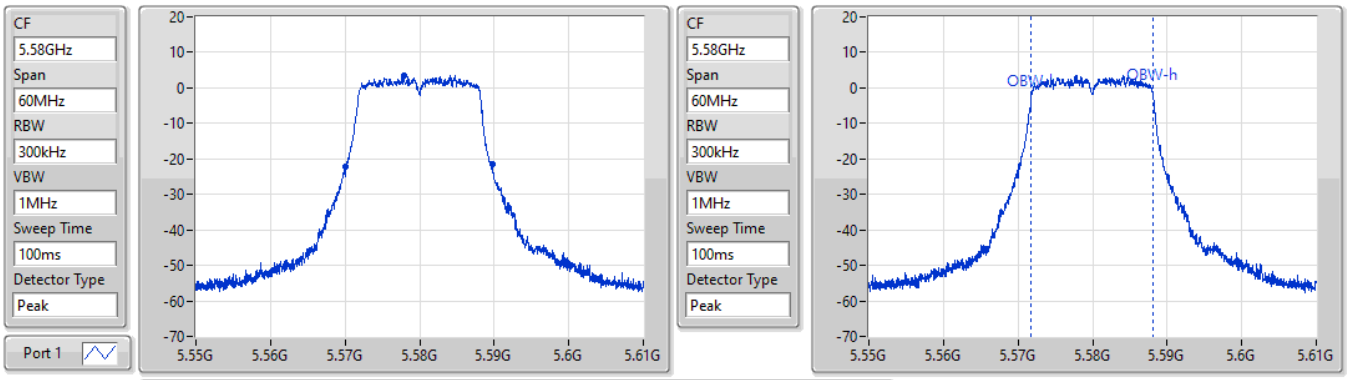


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.89M	5.49004G	5.50993G	16.438M	5.49172G	5.508158G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

24/08/2022

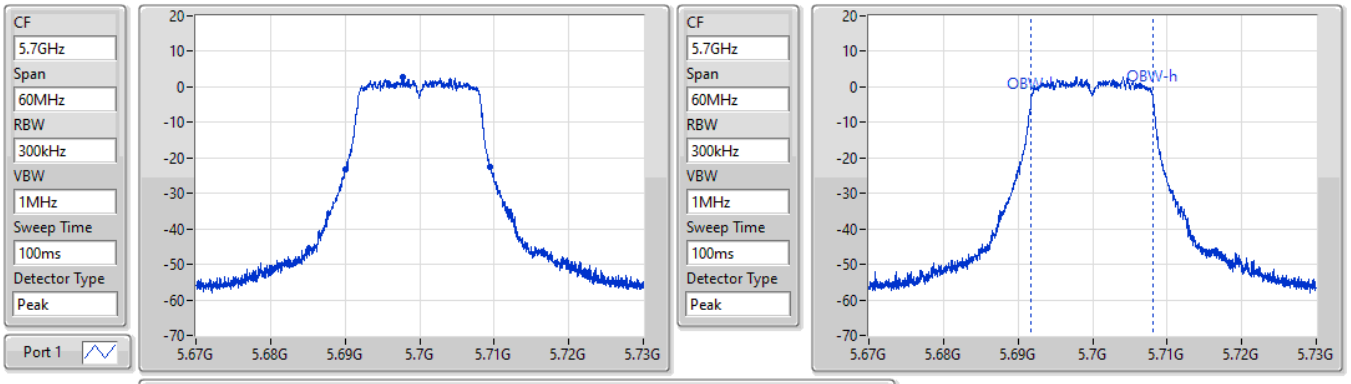


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.62M	5.5701G	5.58972G	16.452M	5.571701G	5.588153G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

24/08/2022

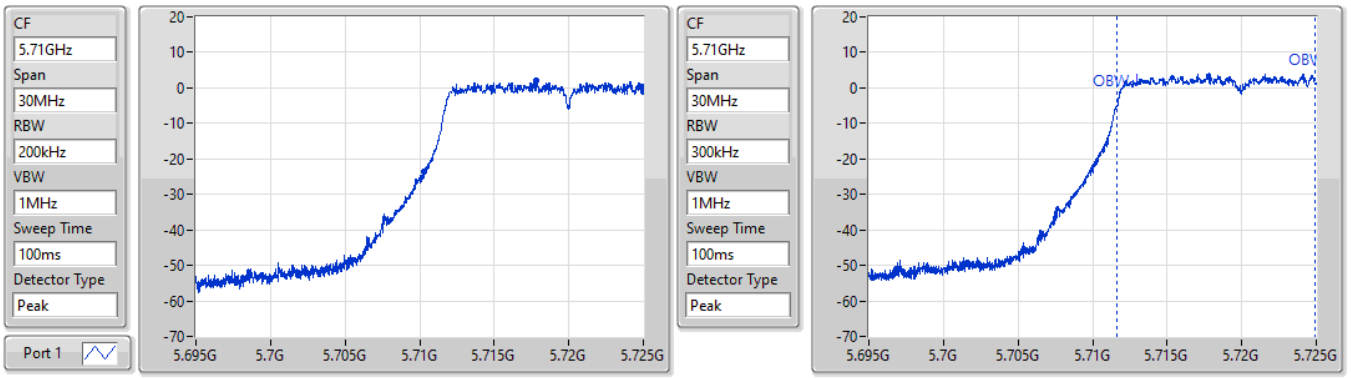


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.68998G	5.70951G	16.437M	5.691698G	5.708135G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

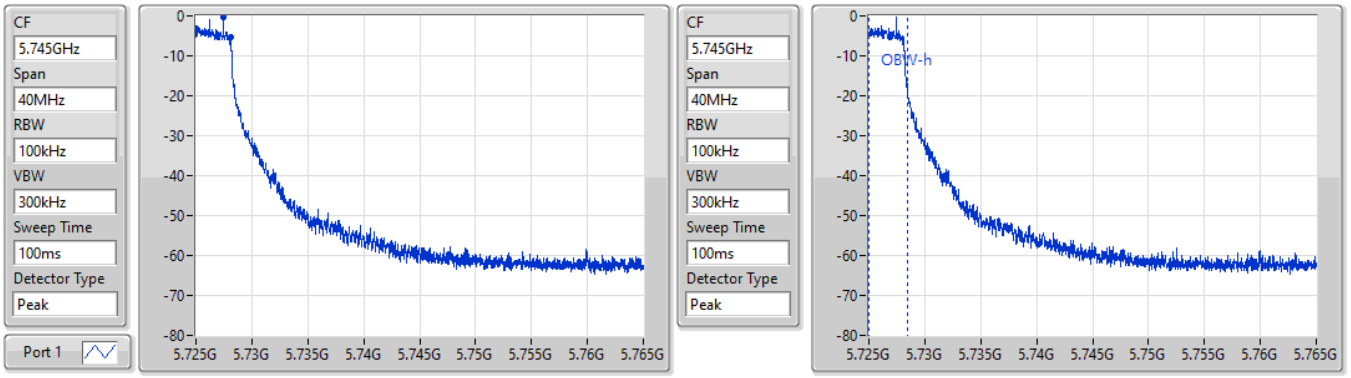


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.745M	5.710255G	5.725G	13.307M	5.711614G	5.724921G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

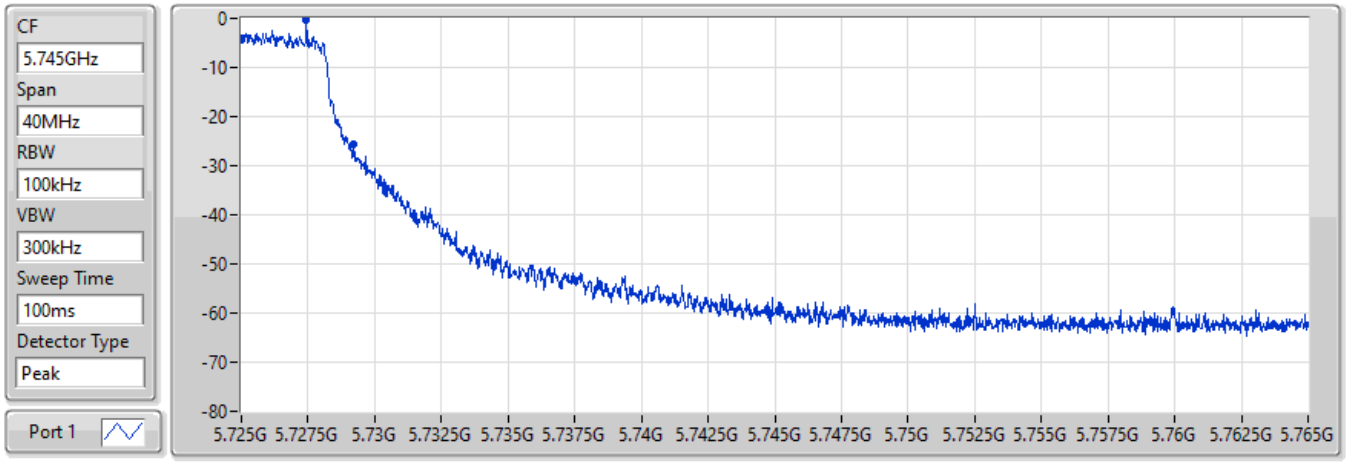


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	3.422M	5.725014G	5.728436G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

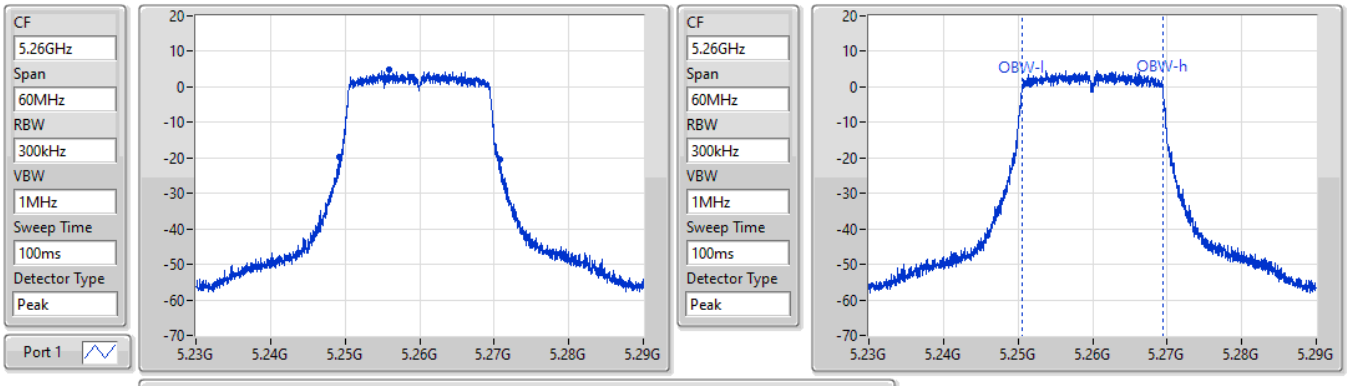


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.18M	5.725G	5.72918G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5260MHz

24/08/2022

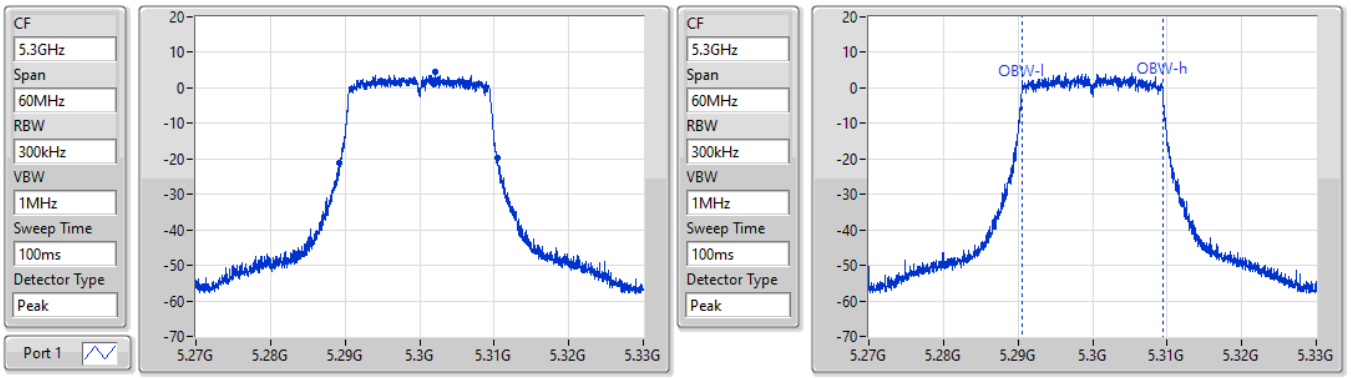


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.24923G	5.27074G	18.936M	5.250482G	5.269418G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5300MHz

24/08/2022

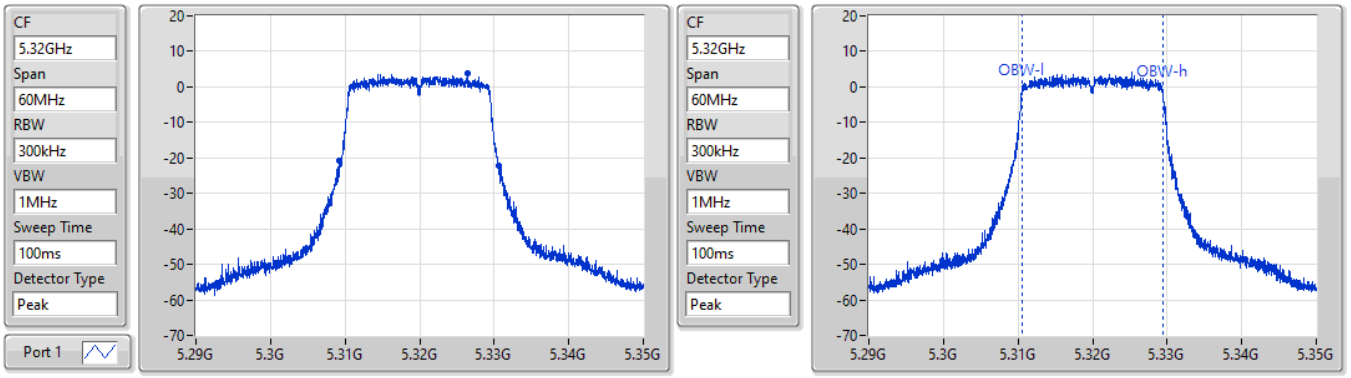


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.2892G	5.31047G	18.936M	5.290477G	5.309412G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5320MHz

24/08/2022

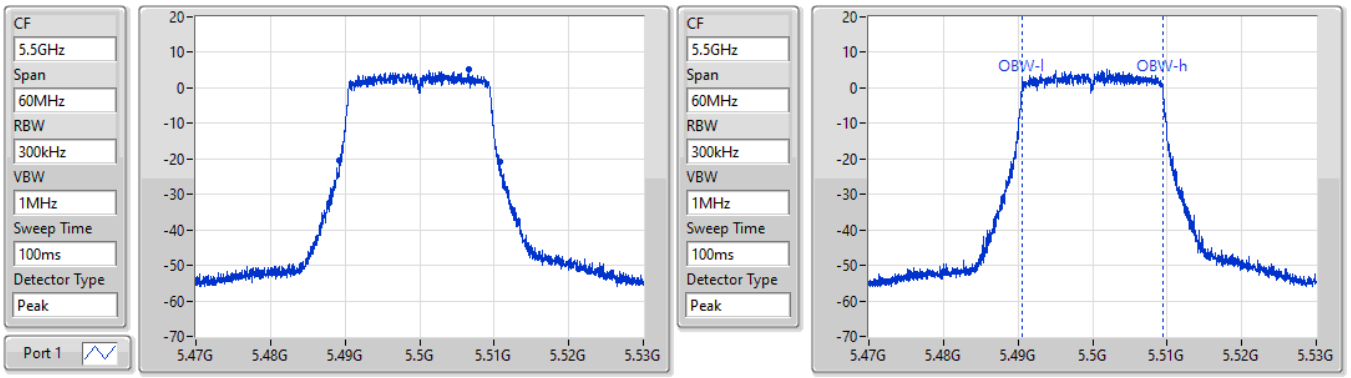


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.30929G	5.33068G	18.95M	5.310481G	5.32943G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5500MHz

24/08/2022

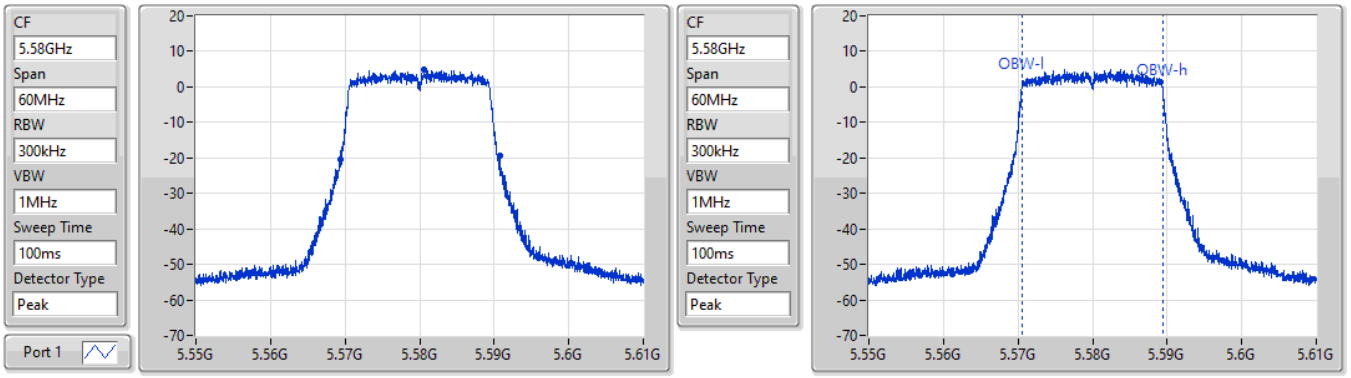


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.48929G	5.51071G	18.937M	5.490488G	5.509425G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5580MHz

24/08/2022

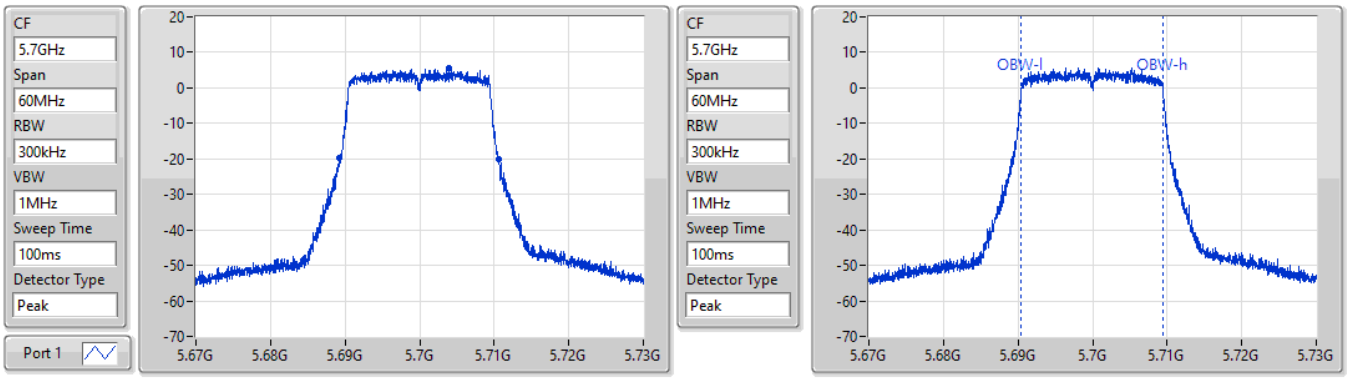


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.56932G	5.59074G	18.937M	5.570483G	5.58942G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5700MHz

24/08/2022

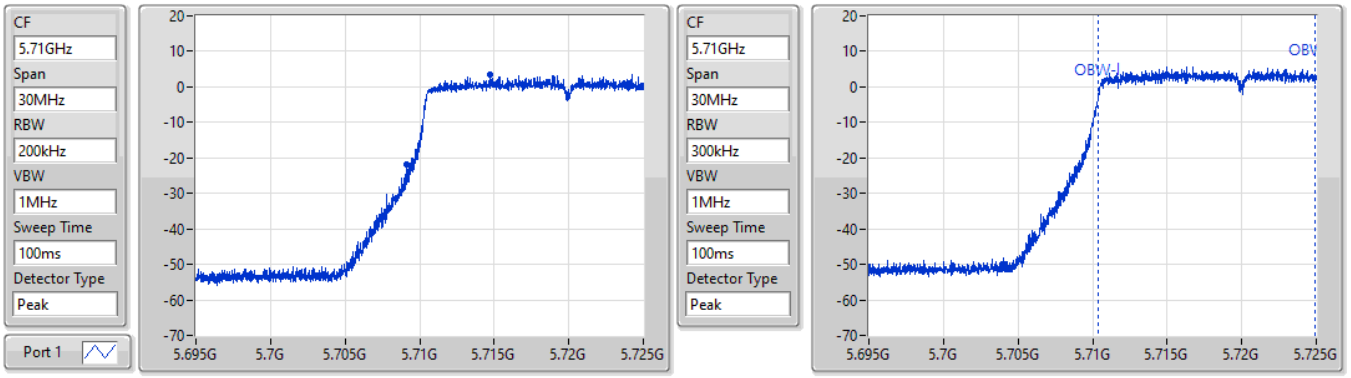


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.68926G	5.71056G	18.949M	5.690471G	5.709421G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

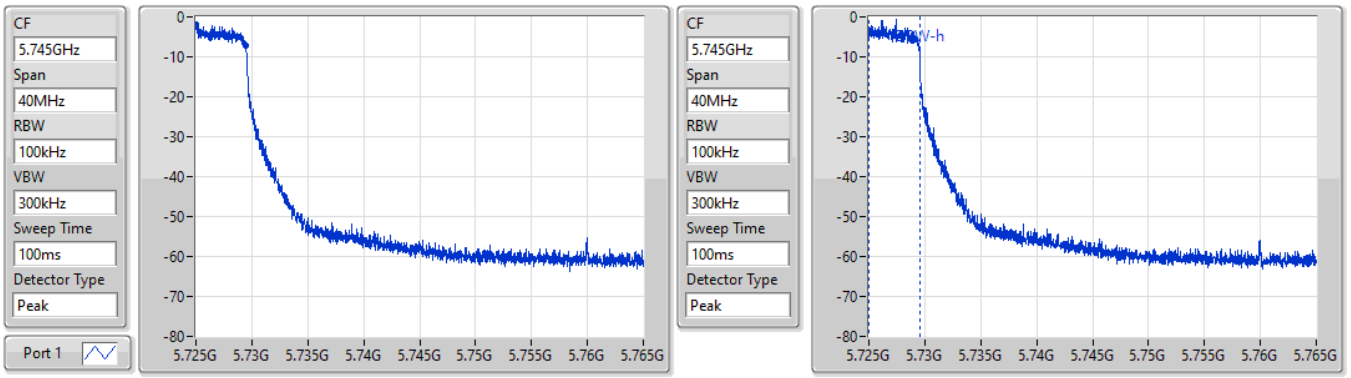


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	5.7091G	5.725G	14.51M	5.710412G	5.724922G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

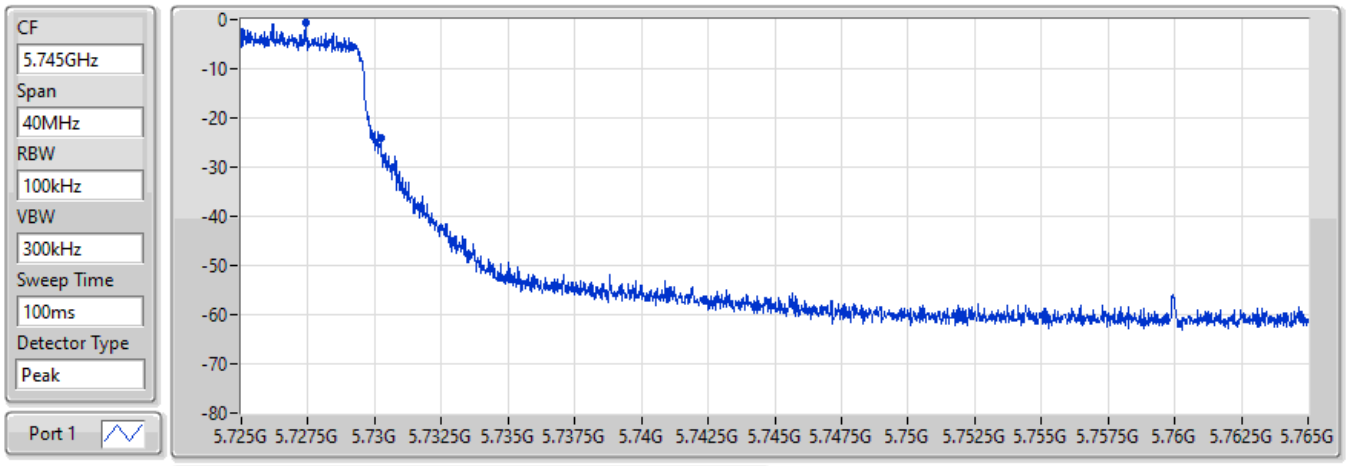


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.725G	5.72944G	4.564M	5.725015G	5.729579G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

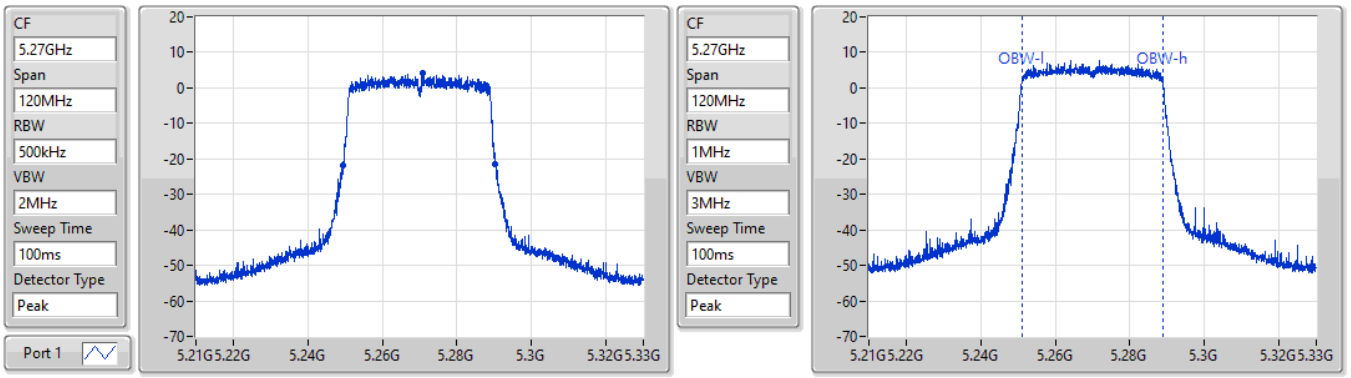


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.24M	5.725G	5.73024G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5270MHz

24/08/2022

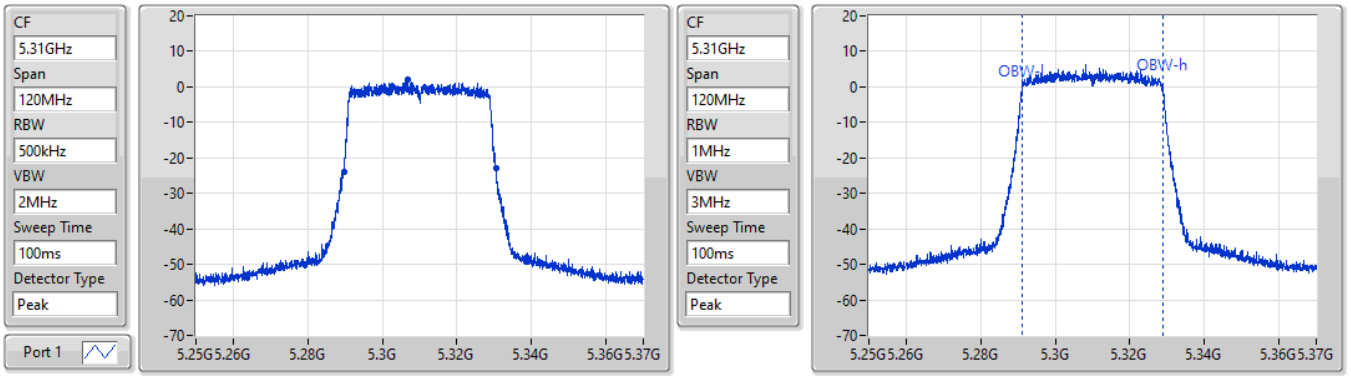


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.24948G	5.29028G	37.906M	5.250974G	5.288879G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5310MHz

24/08/2022

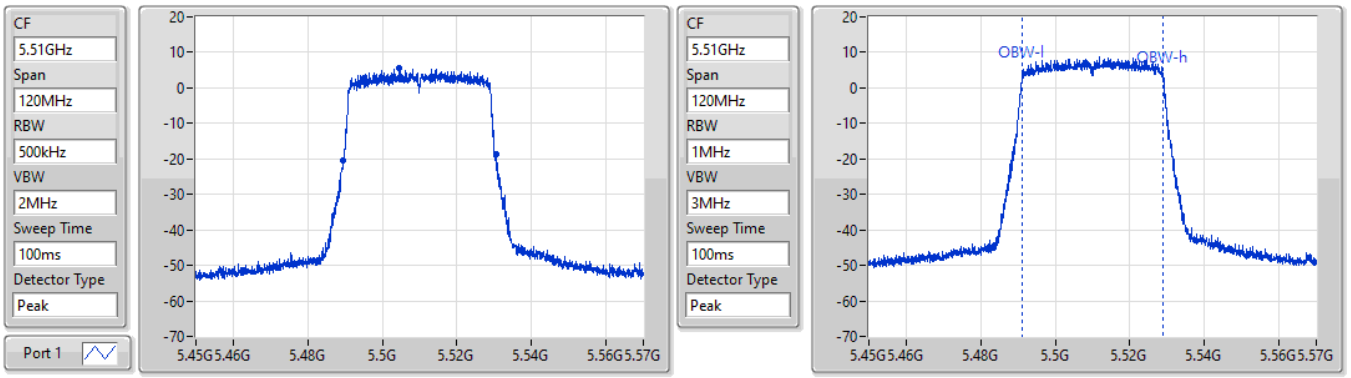


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.28966G	5.3304G	37.953M	5.290976G	5.328929G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5510MHz

24/08/2022

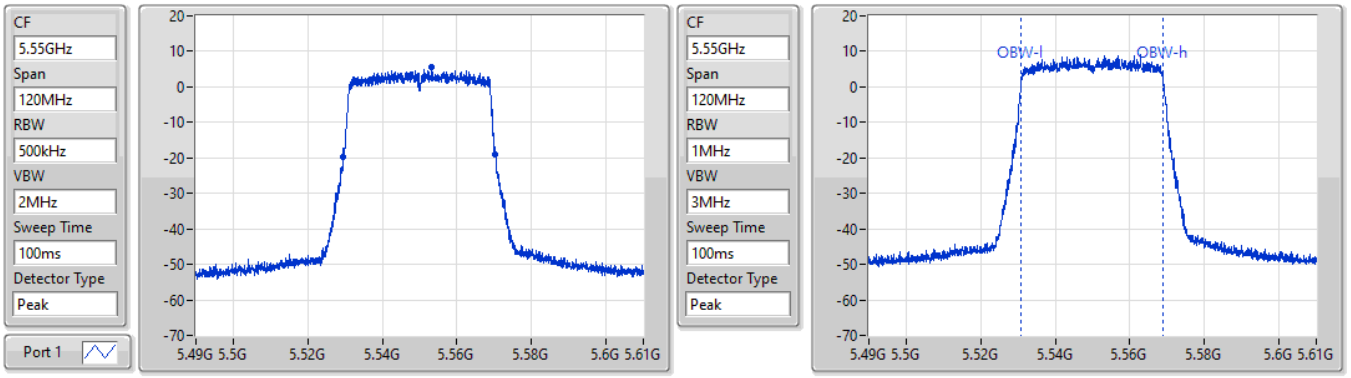


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.48936G	5.53058G	37.951M	5.491031G	5.528982G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5550MHz

24/08/2022

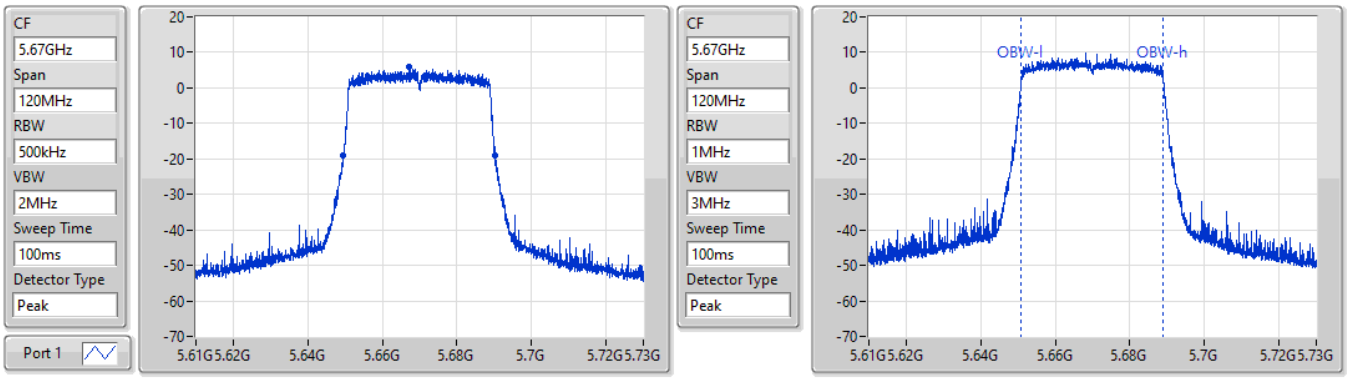


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.52948G	5.57034G	37.972M	5.53094G	5.568911G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5670MHz

24/08/2022

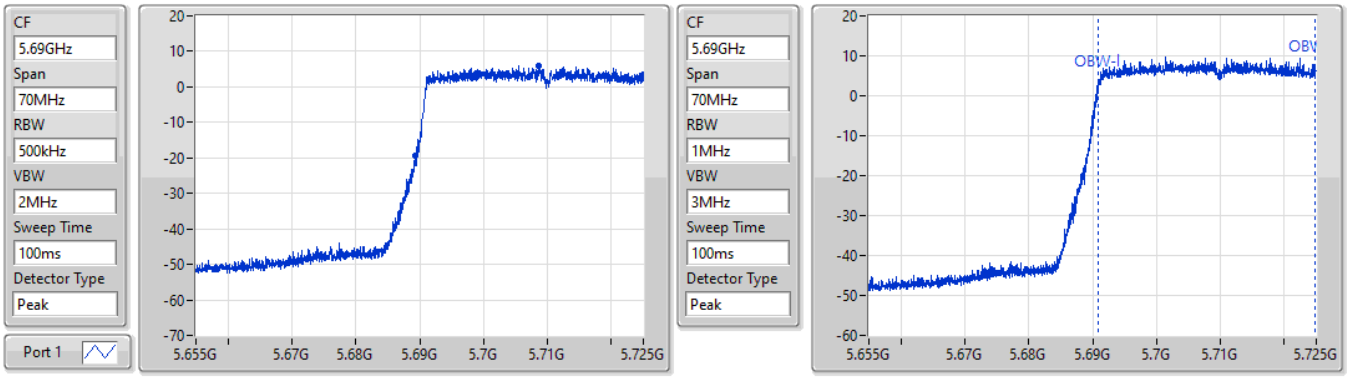


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.64936G	5.69028G	37.96M	5.650939G	5.688899G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.47-5.725GHz

24/08/2022

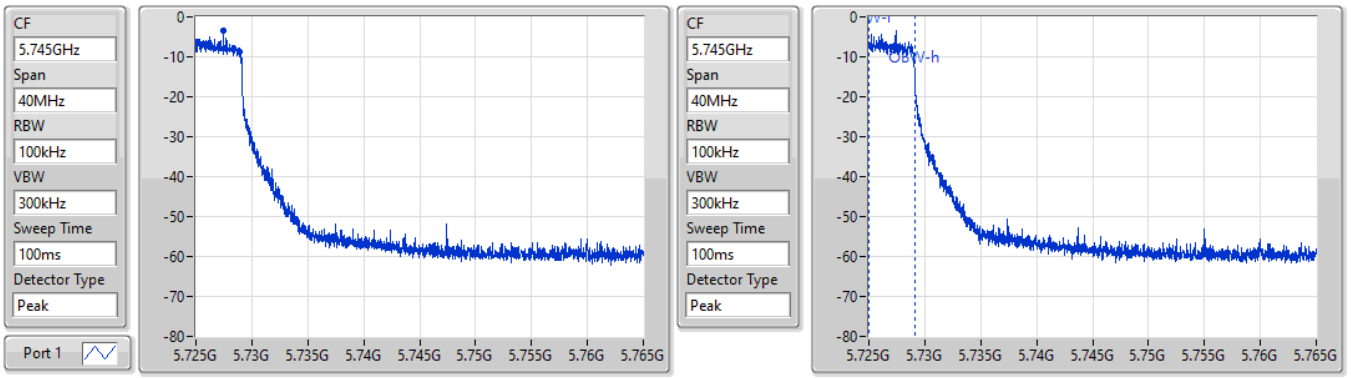


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.735M	5.689265G	5.725G	33.939M	5.690887G	5.724827G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.725-5.85GHz

24/08/2022

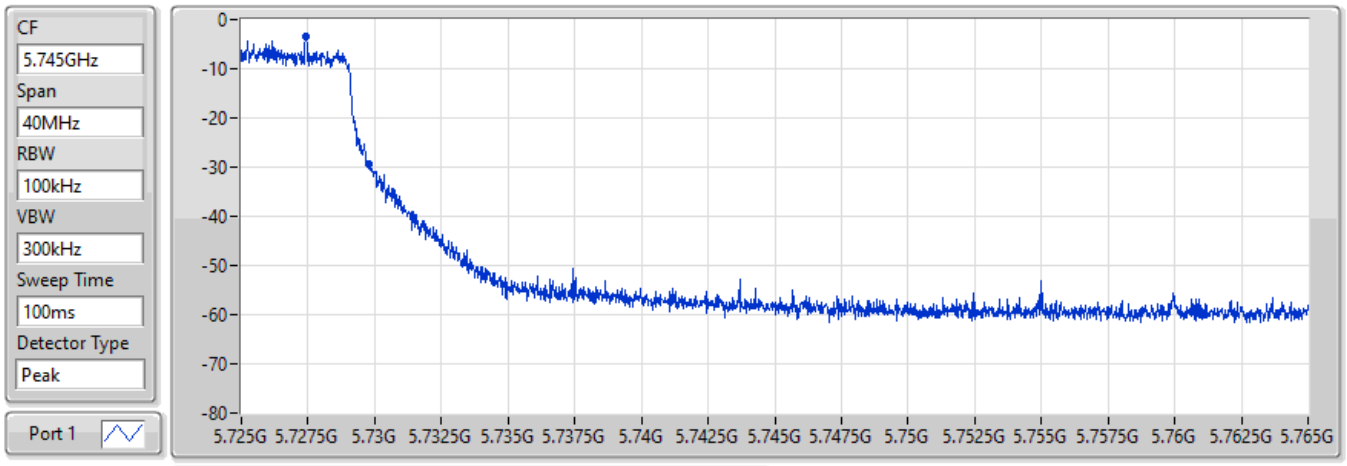


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.92M	5.725G	5.72892G	4.109M	5.725021G	5.729131G	500k	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5710MHz Straddle 5.725-5.85GHz

24/08/2022

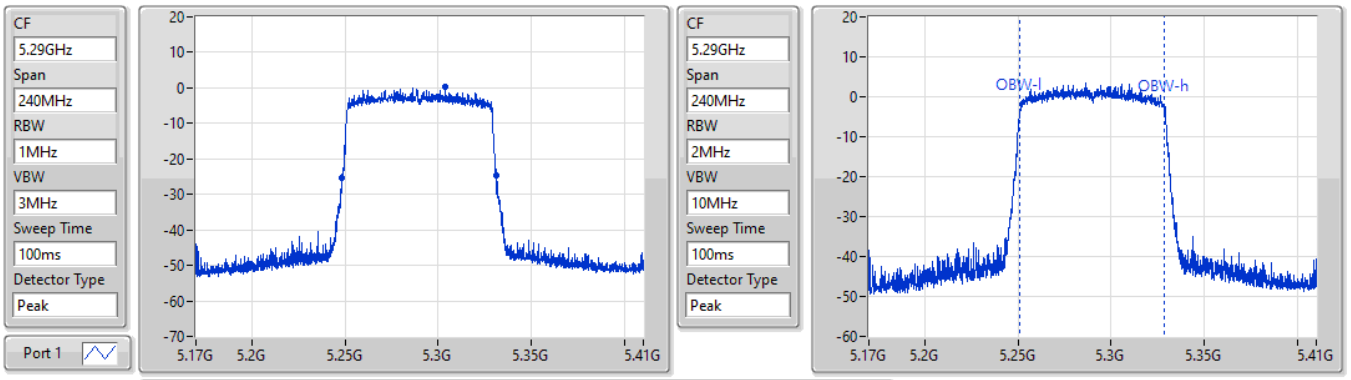


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.8M	5.725G	5.7298G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5290MHz

24/08/2022

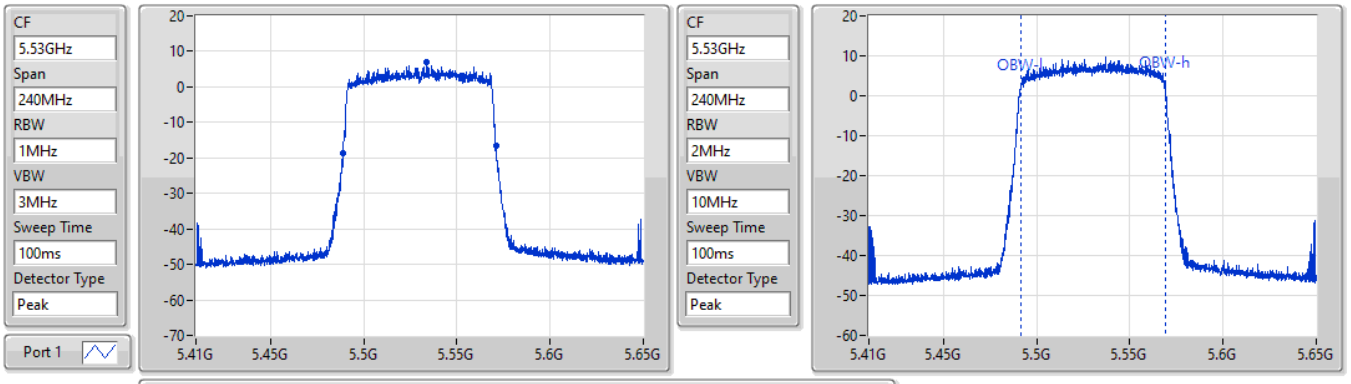


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.24848G	5.33116G	77.453M	5.251173G	5.328626G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5530MHz

24/08/2022

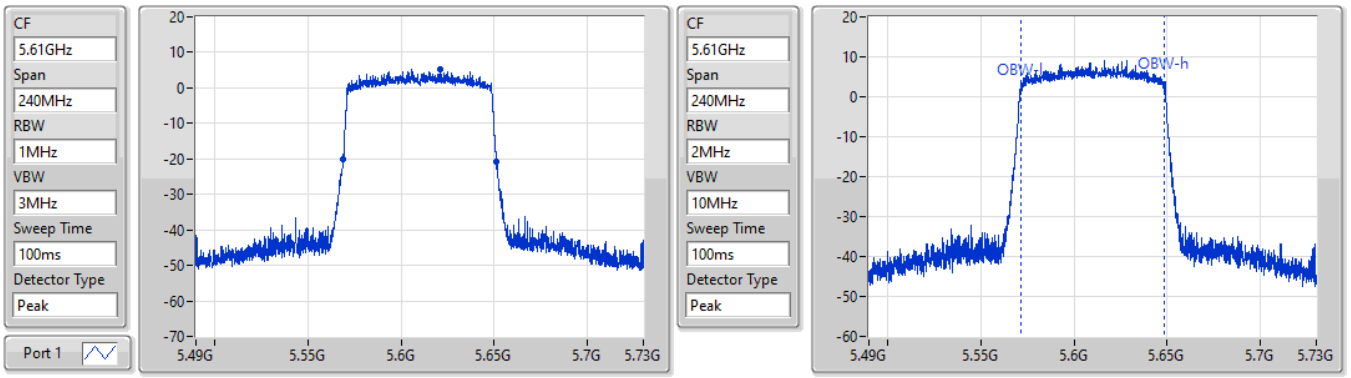


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.48884G	5.57104G	77.448M	5.491337G	5.568785G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5610MHz

24/08/2022

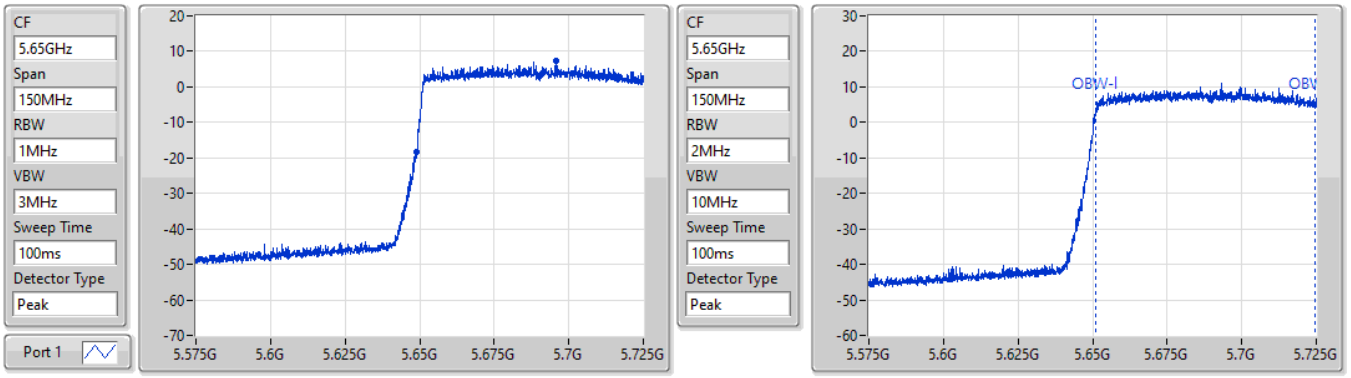


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.56896G	5.65116G	77.319M	5.57136G	5.648679G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.47-5.725GHz

24/08/2022

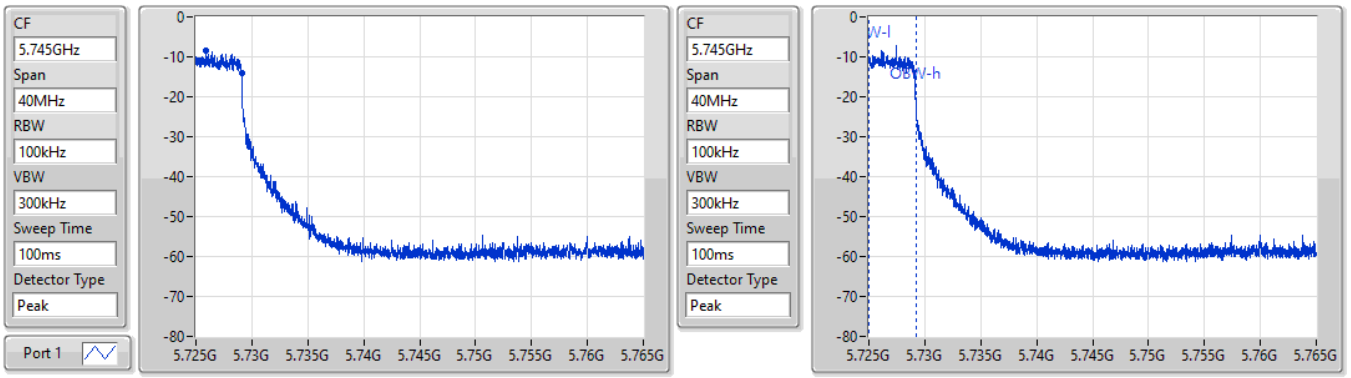


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.6488G	5.725G	73.346M	5.651125G	5.724471G	Inf	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.725-5.85GHz

24/08/2022

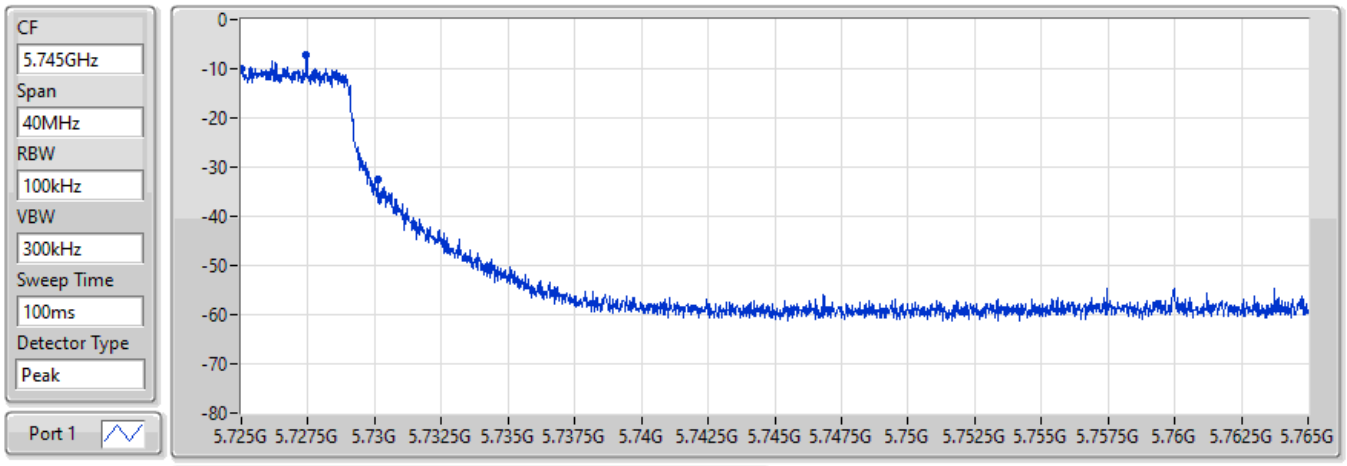


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.08M	5.725G	5.72908G	4.178M	5.725015G	5.729193G	500k	1

802.11ax HEW80_Nss1,(MCS0)_1TX EBW

5690MHz Straddle 5.725-5.85GHz

24/08/2022

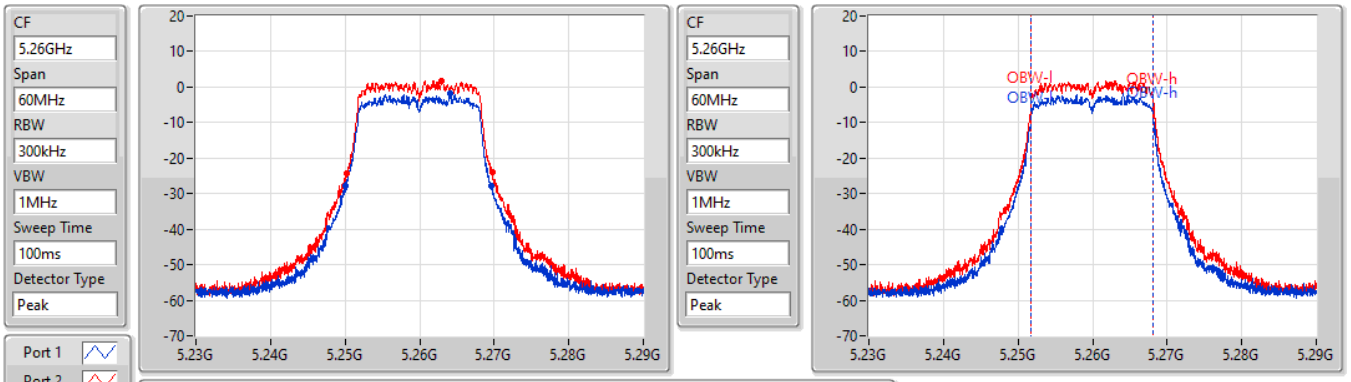


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.12M	5.725G	5.73012G	Inf	1

802.11a_Nss1,(6Mbps)_2TX EBW

5260MHz

24/08/2022

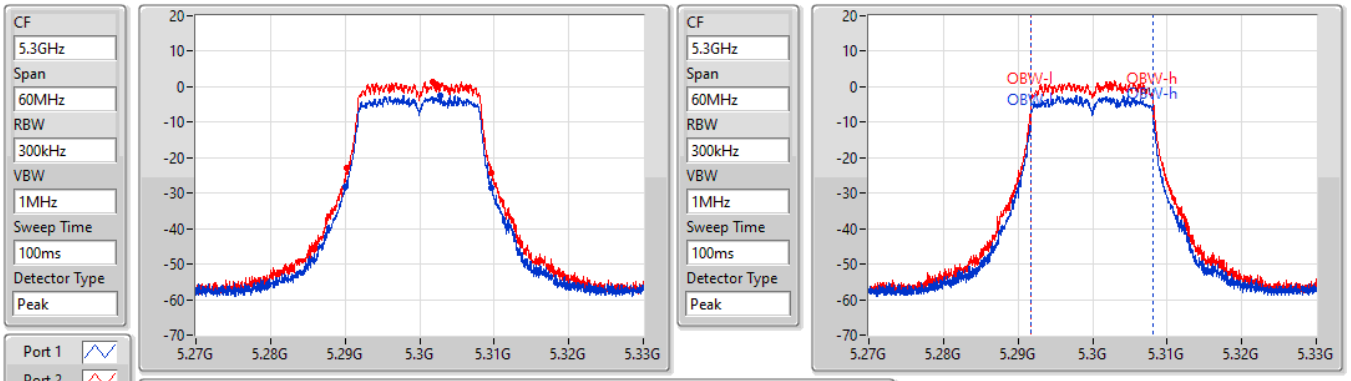


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.25001G	5.26966G	16.412M	5.251715G	5.268127G	Inf	1
19.53M	5.25019G	5.26972G	16.424M	5.251748G	5.268172G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5300MHz

24/08/2022

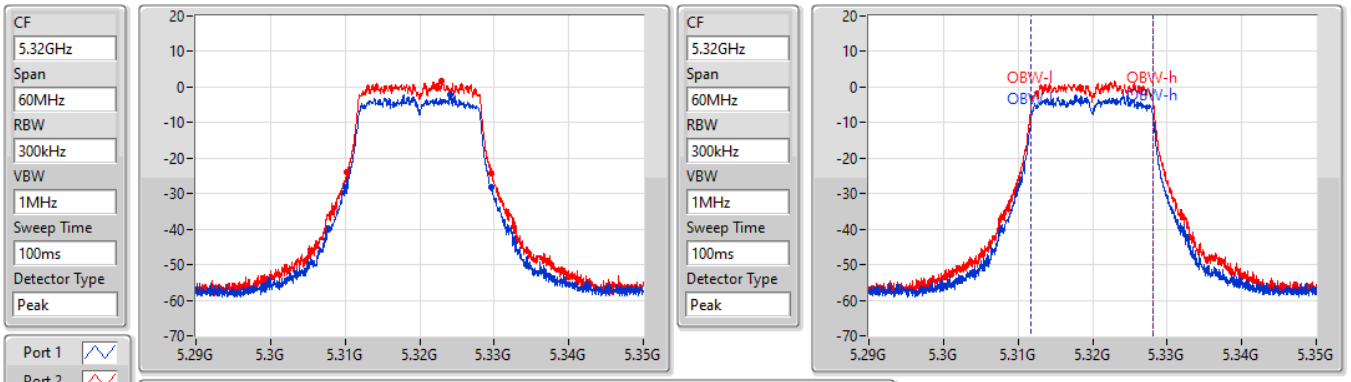


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.59M	5.29001G	5.3096G	16.443M	5.291691G	5.308135G	Inf	1
19.53M	5.29016G	5.30969G	16.424M	5.291741G	5.308165G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5320MHz

24/08/2022

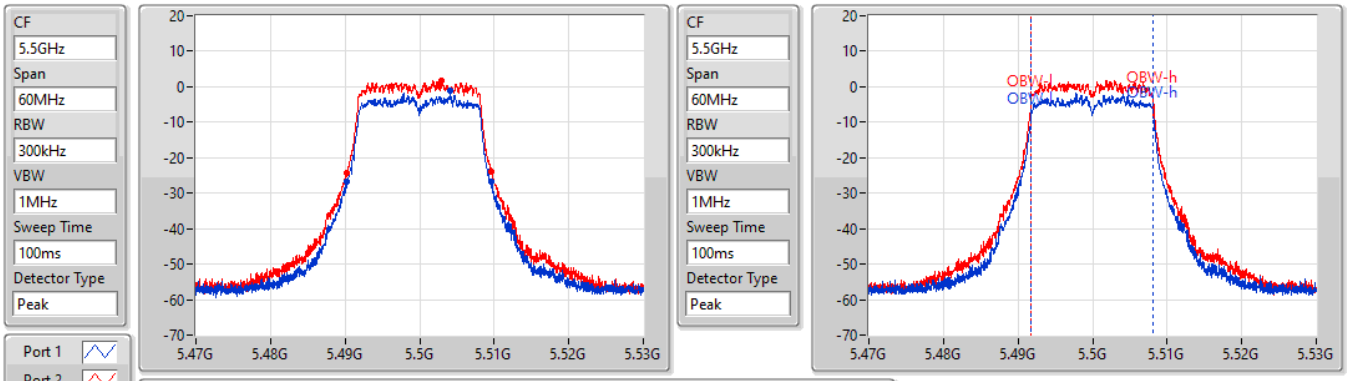


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.62M	5.30998G	5.3296G	16.436M	5.311713G	5.328149G	Inf	1
19.44M	5.31025G	5.32969G	16.422M	5.311741G	5.328163G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5500MHz

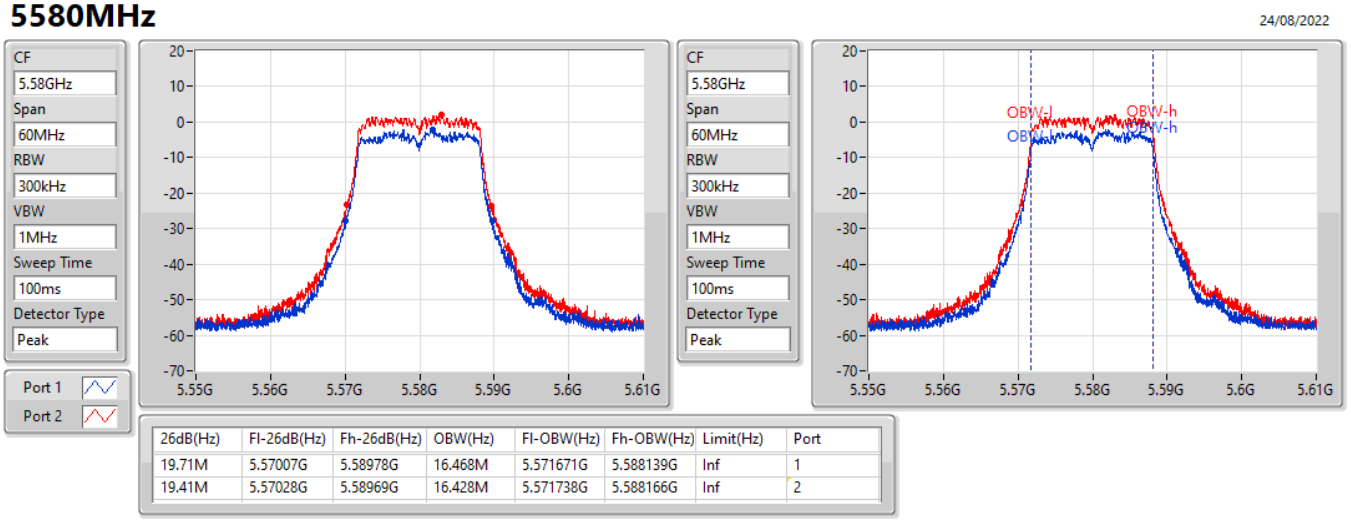
24/08/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.47M	5.49022G	5.50969G	16.461M	5.491709G	5.50817G	Inf	1
19.44M	5.49025G	5.50969G	16.418M	5.491734G	5.508151G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

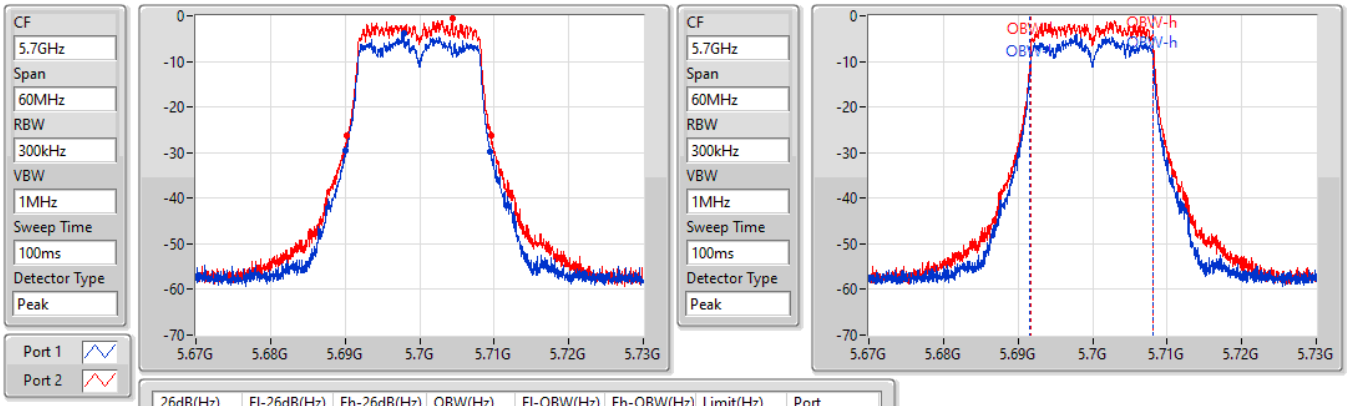
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.71M	5.57007G	5.58978G	16.468M	5.571671G	5.588139G	Inf	1
19.41M	5.57028G	5.58969G	16.428M	5.571738G	5.588166G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5700MHz

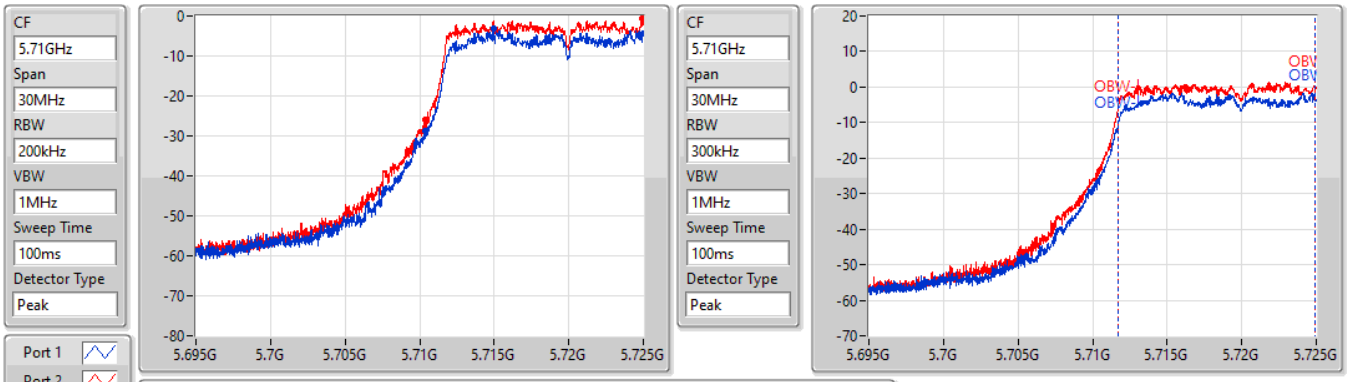


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.38M	5.69007G	5.70945G	16.548M	5.691623G	5.708171G	Inf	1
19.41M	5.69025G	5.70966G	16.432M	5.691734G	5.708166G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

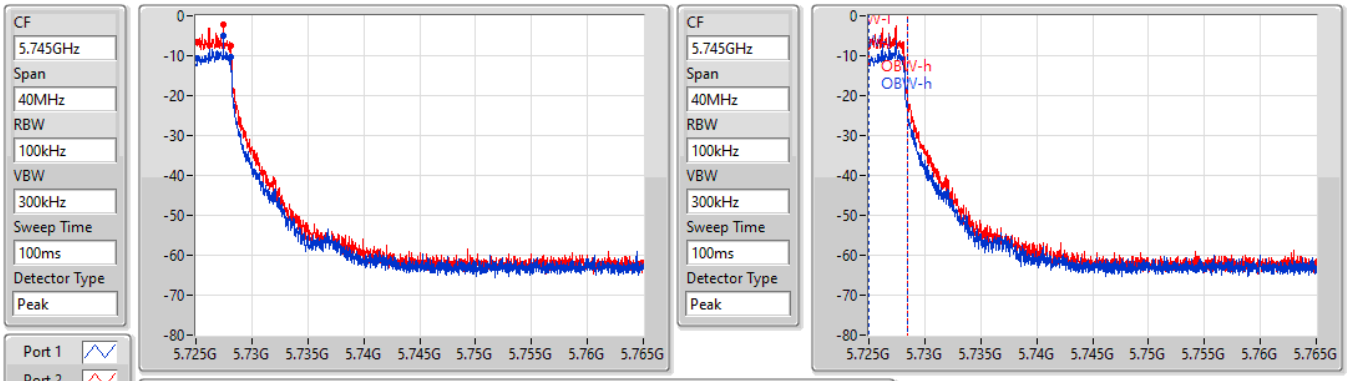


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.595M	5.710405G	5.725G	13.25M	5.711686G	5.724937G	Inf	1
14.625M	5.710375G	5.725G	13.262M	5.711682G	5.724944G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

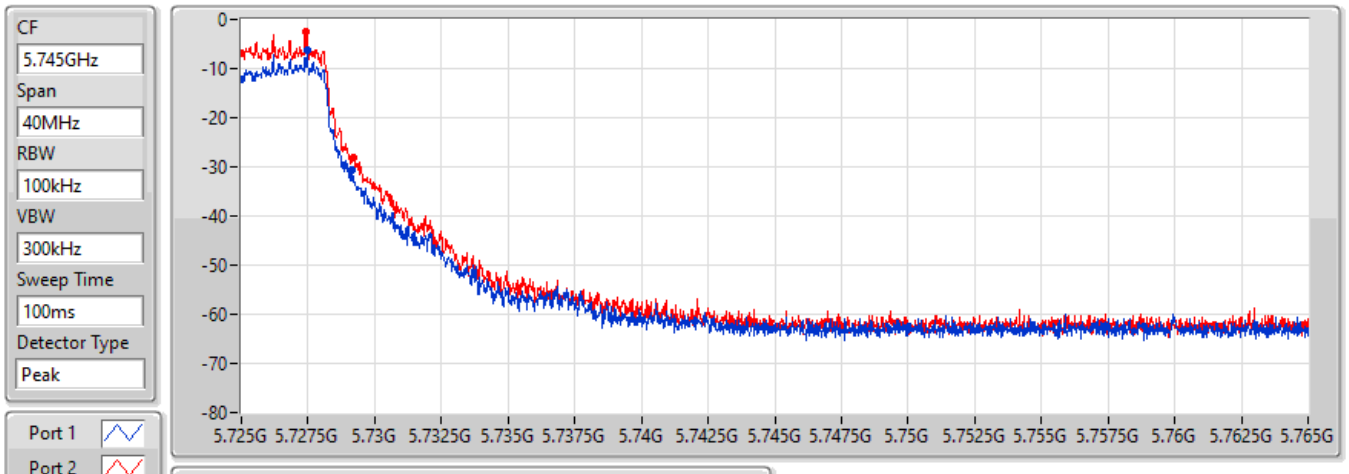


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
2.94M	5.72514G	5.72808G	3.441M	5.725024G	5.728465G	500k	1
3.1M	5.725G	5.7281G	3.453M	5.725017G	5.728469G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

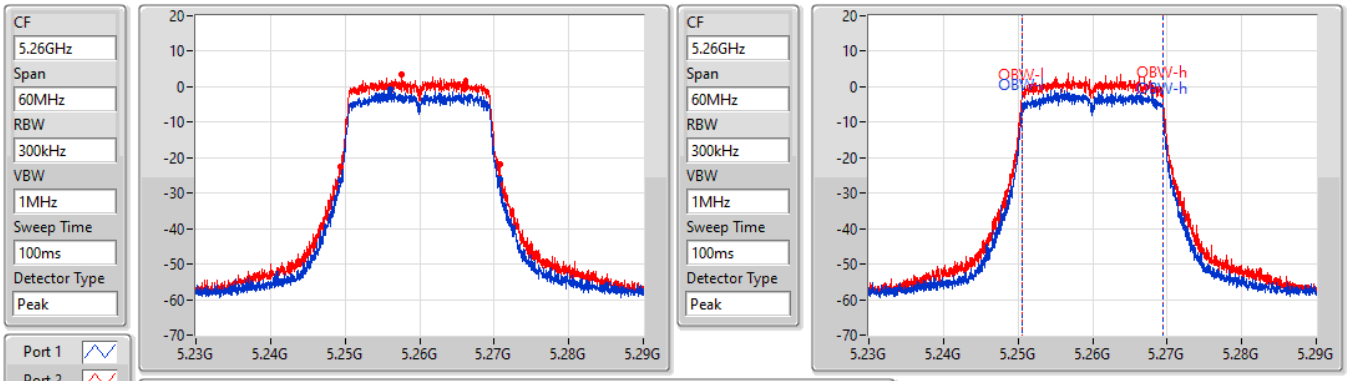


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.16M	5.725G	5.72916G	Inf	1
4.22M	5.725G	5.72922G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5260MHz

24/08/2022

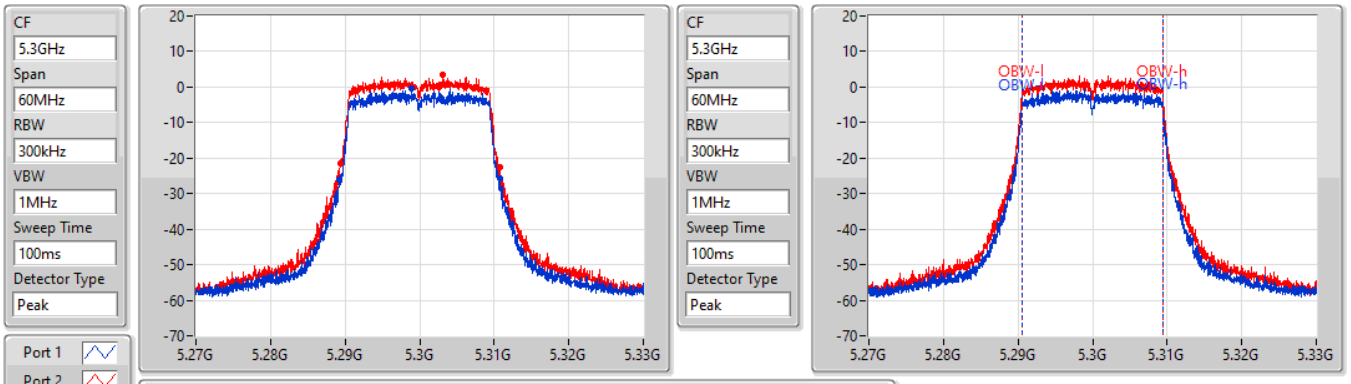


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.24935G	5.27077G	18.911M	5.250493G	5.269404G	Inf	1
21.51M	5.24932G	5.27083G	18.919M	5.250495G	5.269414G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5300MHz

24/08/2022

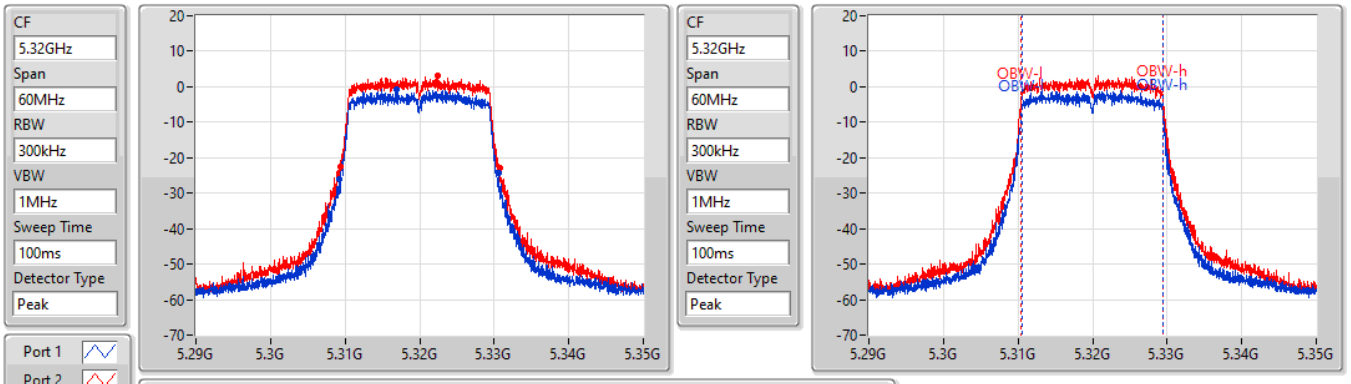


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.2892G	5.3108G	18.932M	5.290488G	5.30942G	Inf	1
21.51M	5.28932G	5.31083G	18.928M	5.290489G	5.309417G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5320MHz

24/08/2022

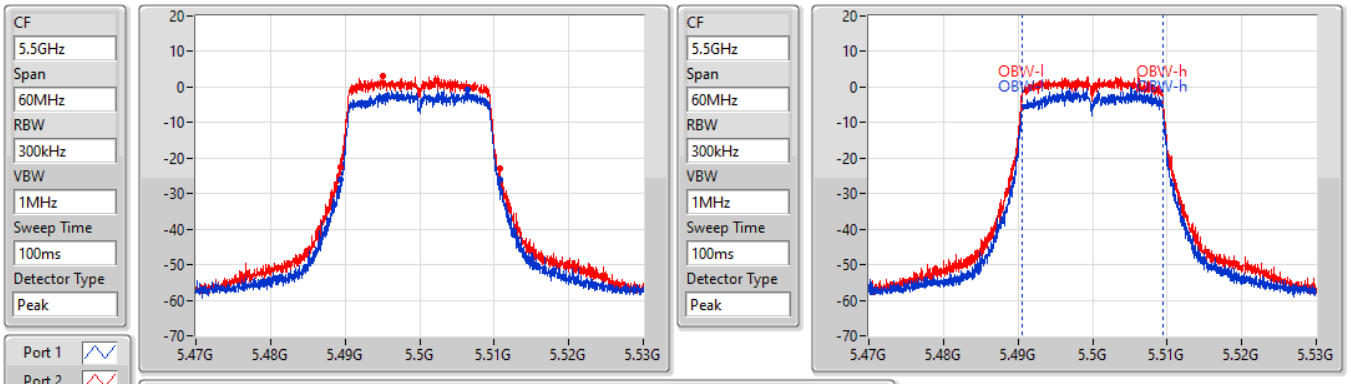


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.3092G	5.33062G	18.911M	5.310478G	5.329389G	Inf	1
21.39M	5.30932G	5.33071G	18.956M	5.310462G	5.329417G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5500MHz

24/08/2022

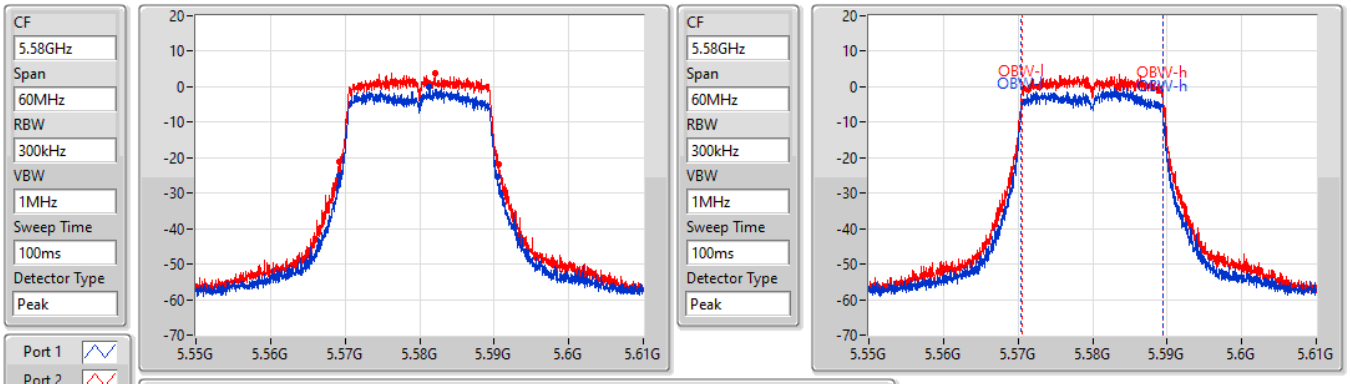


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.48941G	5.51083G	18.908M	5.490508G	5.509416G	Inf	1
21.51M	5.48935G	5.51086G	18.911M	5.490476G	5.509387G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5580MHz

24/08/2022

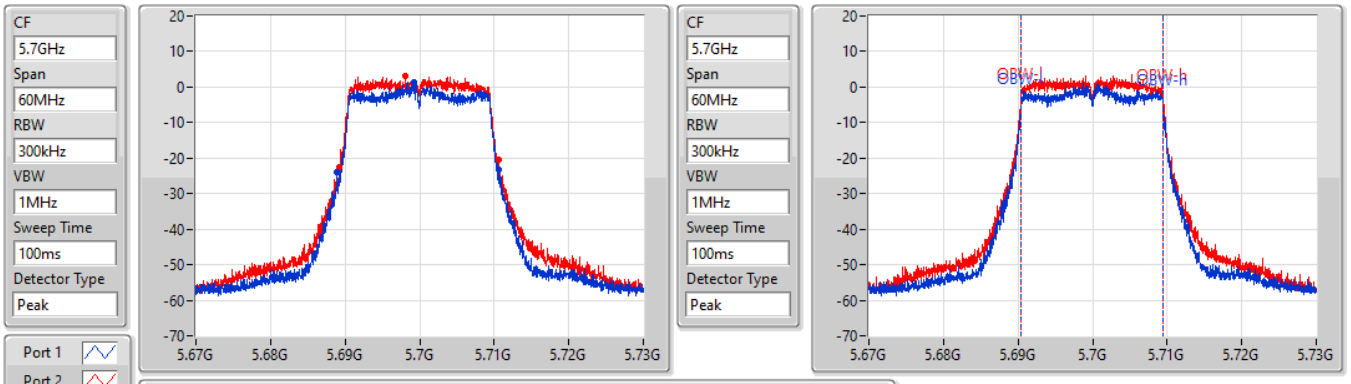


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.09M	5.56929G	5.59038G	18.929M	5.570458G	5.589386G	Inf	1
21.33M	5.56929G	5.59062G	18.942M	5.570477G	5.589419G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5700MHz

24/08/2022

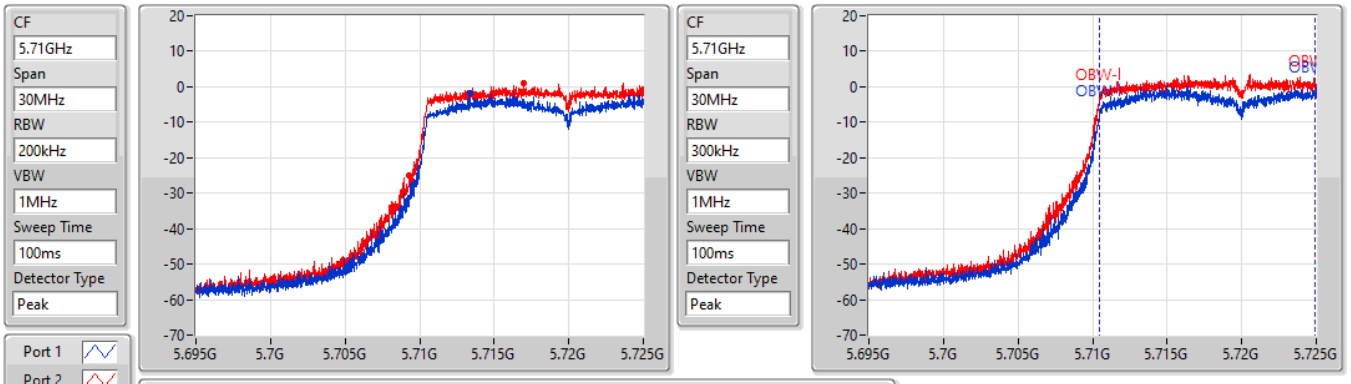


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.68893G	5.71059G	19.026M	5.690426G	5.709452G	Inf	1
21.45M	5.68917G	5.71062G	18.95M	5.690471G	5.70942G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

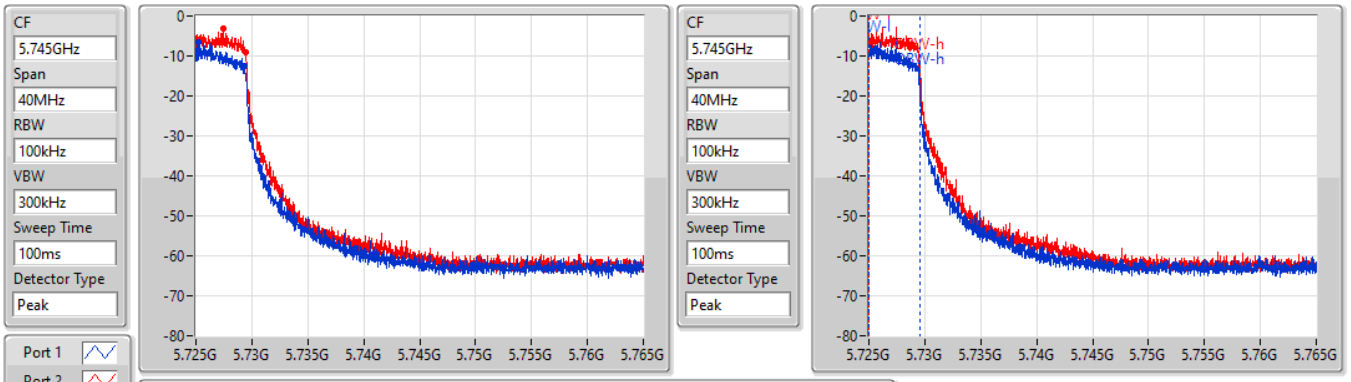


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	5.70955G	5.725G	14.467M	5.710481G	5.724947G	Inf	1
15.705M	5.709295G	5.725G	14.492M	5.710434G	5.724927G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

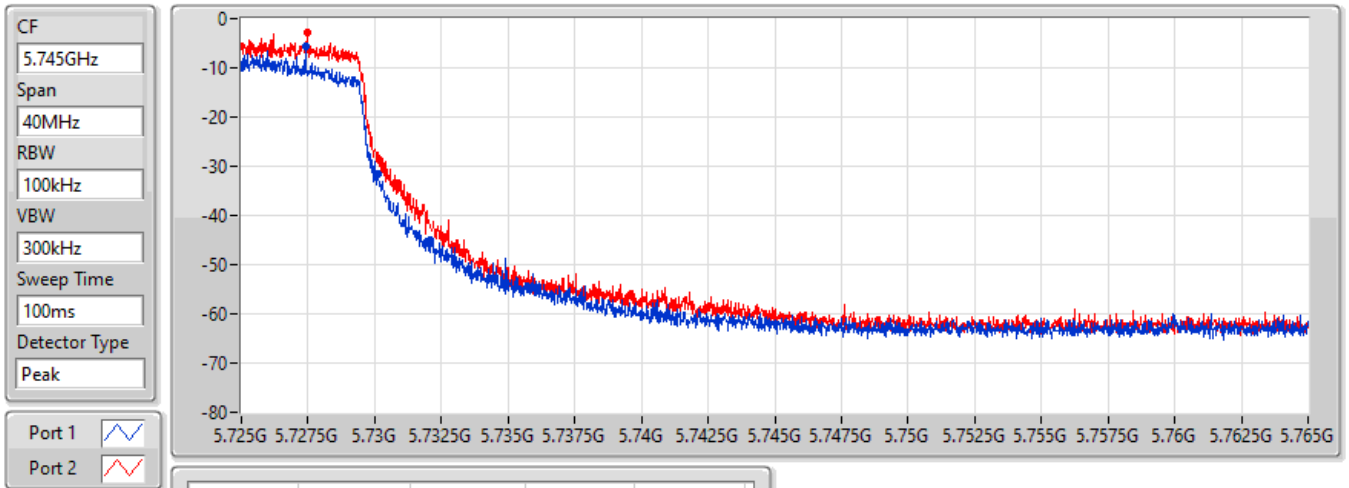


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.36M	5.725G	5.72936G	4.521M	5.725021G	5.729542G	500k	1
4.44M	5.725G	5.72944G	4.572M	5.725018G	5.729589G	500k	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

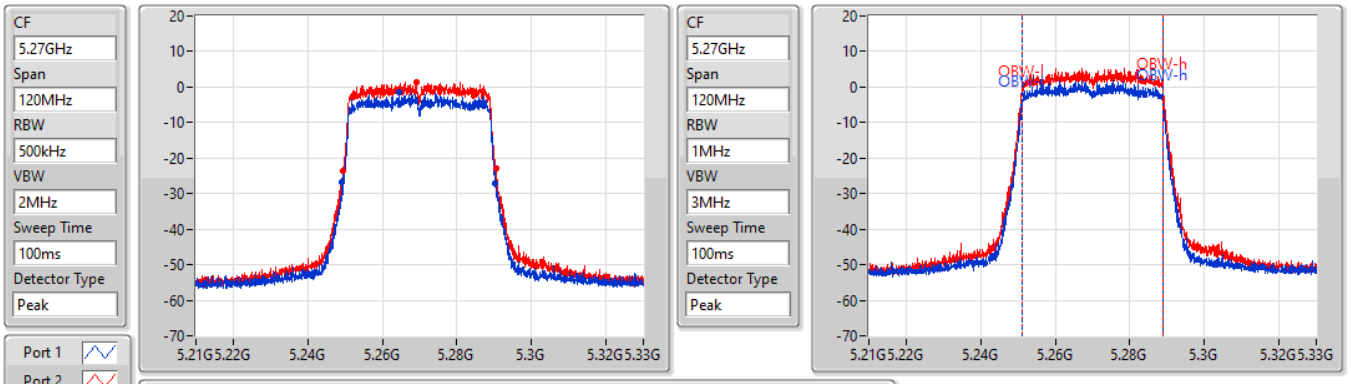


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.12M	5.725G	5.73012G	Inf	1
5.2M	5.725G	5.7302G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5270MHz

24/08/2022

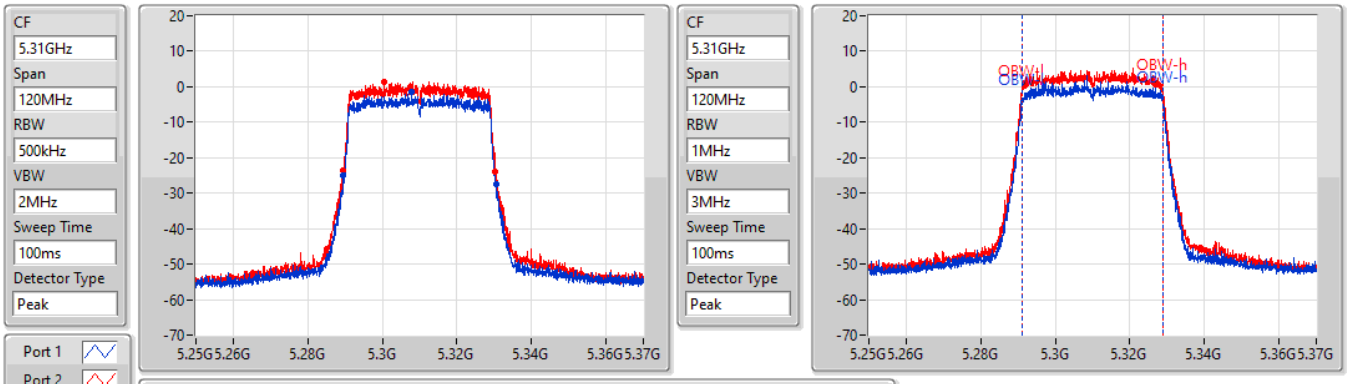


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.24924G	5.29034G	37.906M	5.250999G	5.288905G	Inf	1
41.04M	5.24948G	5.29052G	37.908M	5.250993G	5.288901G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5310MHz

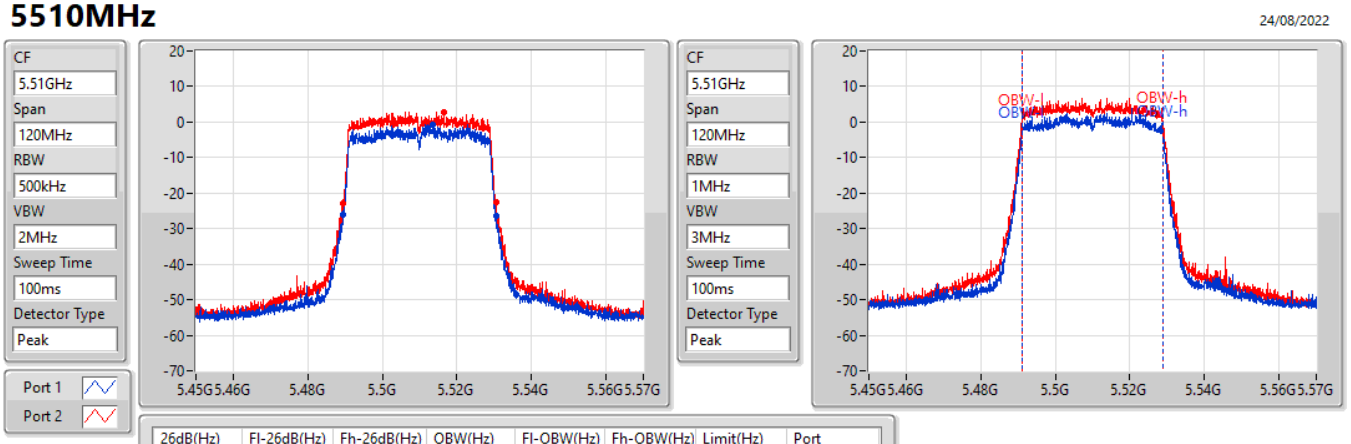
24/08/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.2896G	5.33046G	38.001M	5.29097G	5.32897G	Inf	1
40.92M	5.28942G	5.33034G	37.927M	5.290996G	5.328923G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

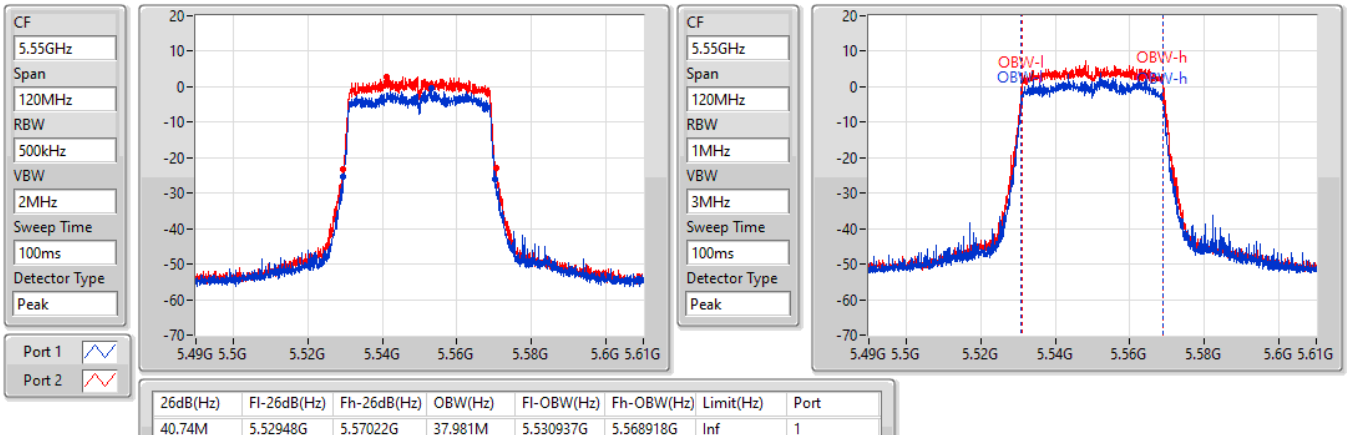
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.48942G	5.53052G	37.95M	5.490969G	5.52892G	Inf	1
41.1M	5.48954G	5.53064G	37.939M	5.490978G	5.528917G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5550MHz

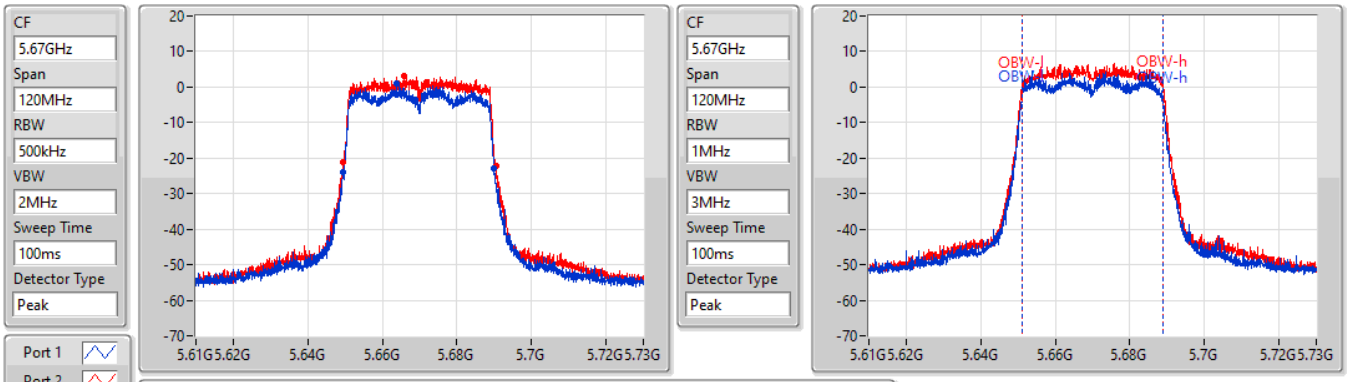


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.52948G	5.57022G	37.981M	5.530937G	5.568918G	Inf	1
41.04M	5.52936G	5.5704G	37.971M	5.531001G	5.568971G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5670MHz

24/08/2022

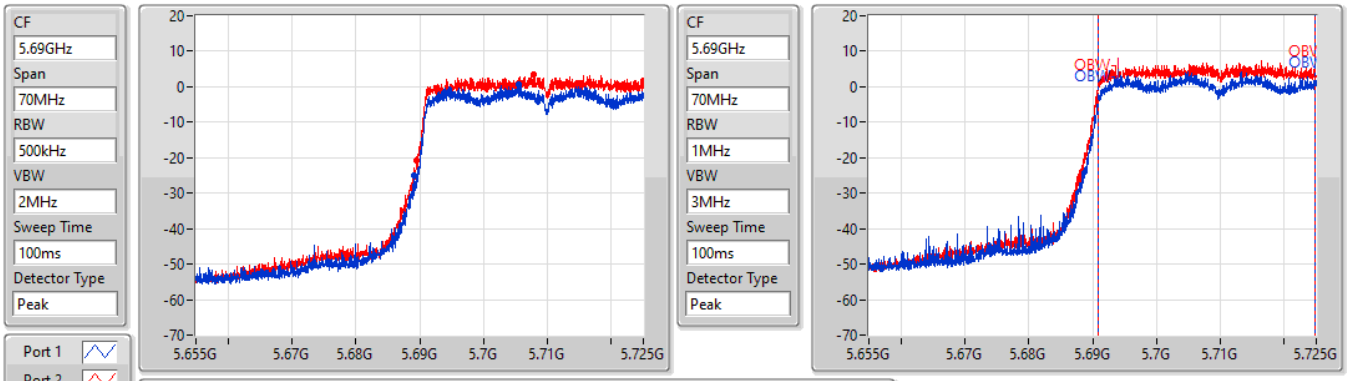


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.6493G	5.69004G	37.788M	5.650999G	5.688788G	Inf	1
40.92M	5.6496G	5.69052G	37.964M	5.650993G	5.6889556G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.47-5.725GHz

24/08/2022

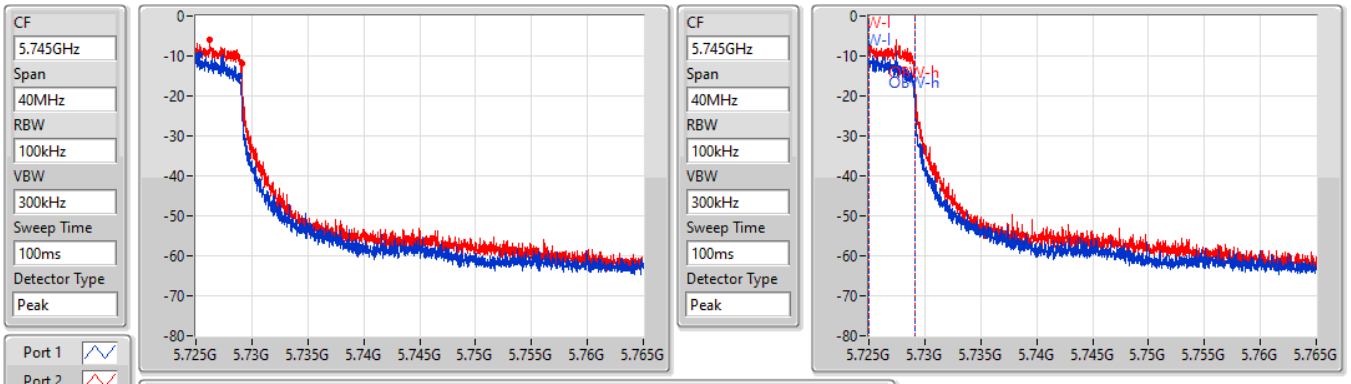


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.805M	5.689195G	5.725G	33.895M	5.690946G	5.72484G	Inf	1
35.525M	5.689475G	5.725G	33.87M	5.690934G	5.724804G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

24/08/2022

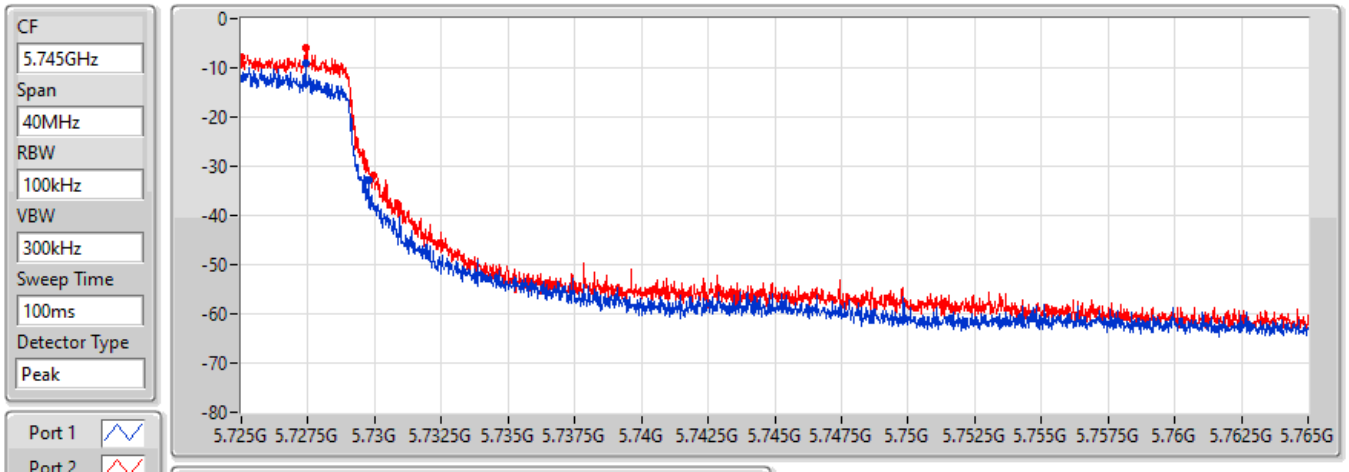


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.94M	5.725G	5.72894G	4.096M	5.725016G	5.729112G	500k	1
4.1M	5.725G	5.7291G	4.144M	5.725014G	5.729158G	500k	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5710MHz Straddle 5.725-5.85GHz

24/08/2022

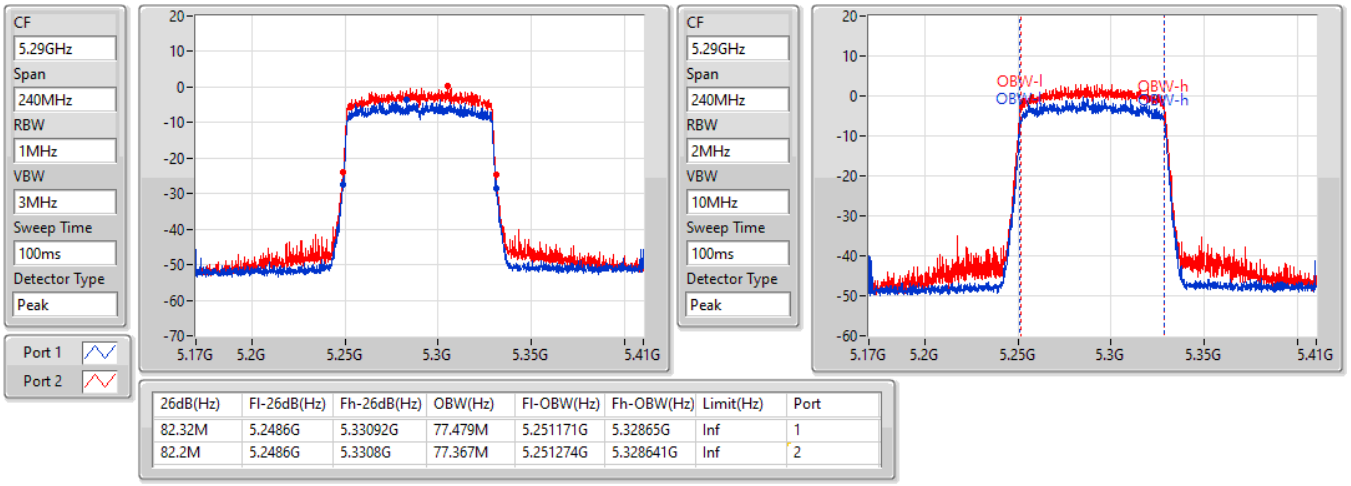


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.76M	5.725G	5.72976G	Inf	1
4.94M	5.725G	5.72994G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5290MHz

24/08/2022

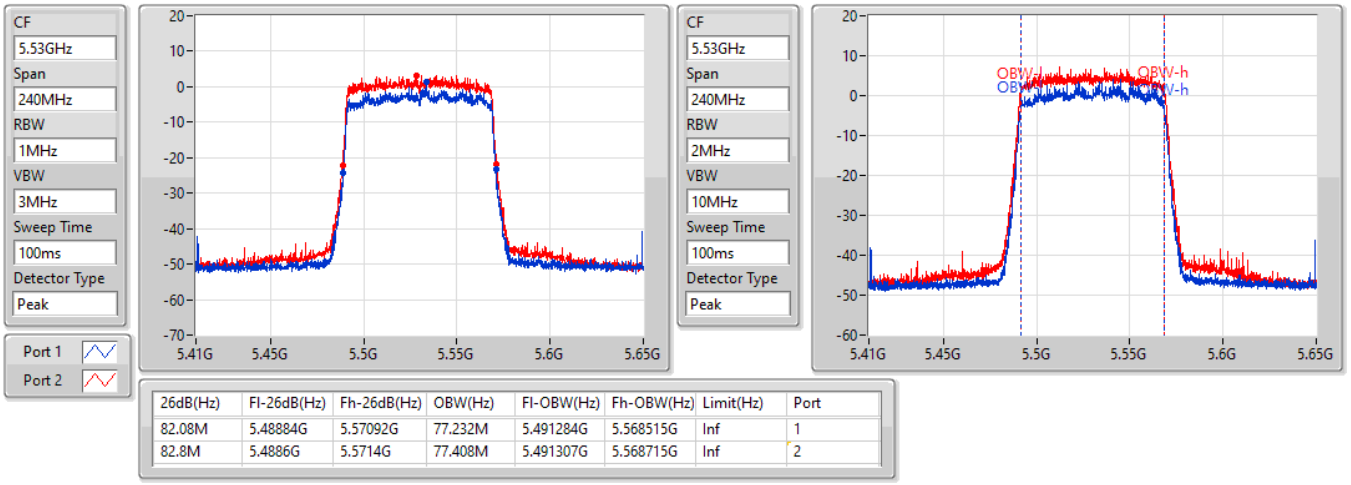


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.2486G	5.33092G	77.479M	5.251171G	5.32865G	Inf	1
82.2M	5.2486G	5.3308G	77.367M	5.251274G	5.328641G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5530MHz

24/08/2022

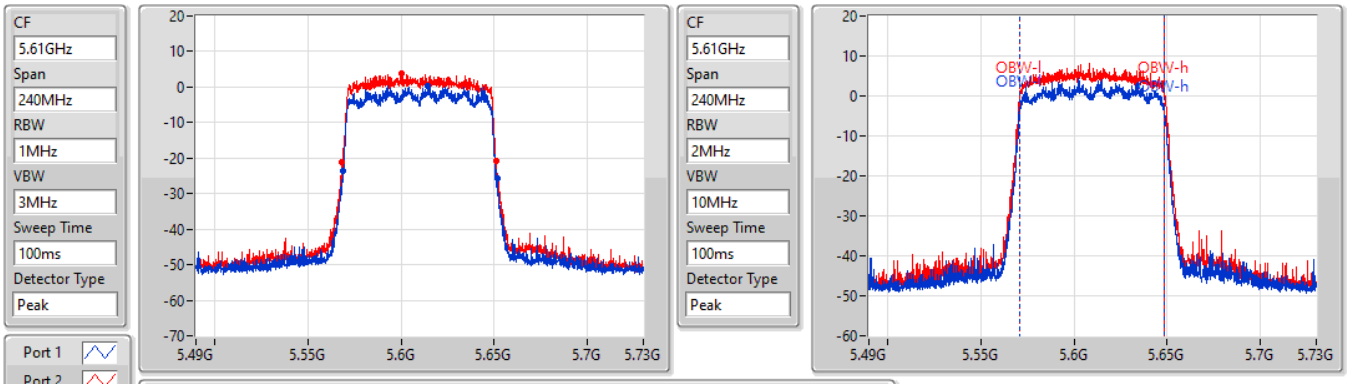


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48884G	5.57092G	77.232M	5.491284G	5.568515G	Inf	1
82.8M	5.4886G	5.5714G	77.408M	5.491307G	5.568715G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5610MHz

24/08/2022

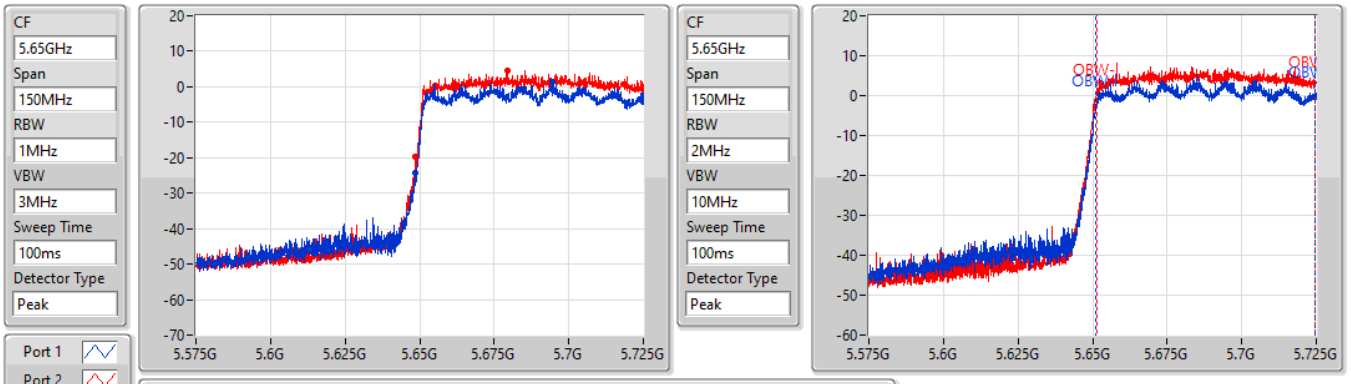


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.56884G	5.65176G	77.131M	5.571223G	5.648354G	Inf	1
82.92M	5.56824G	5.65116G	77.372M	5.571218G	5.648591G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.47-5.725GHz

24/08/2022

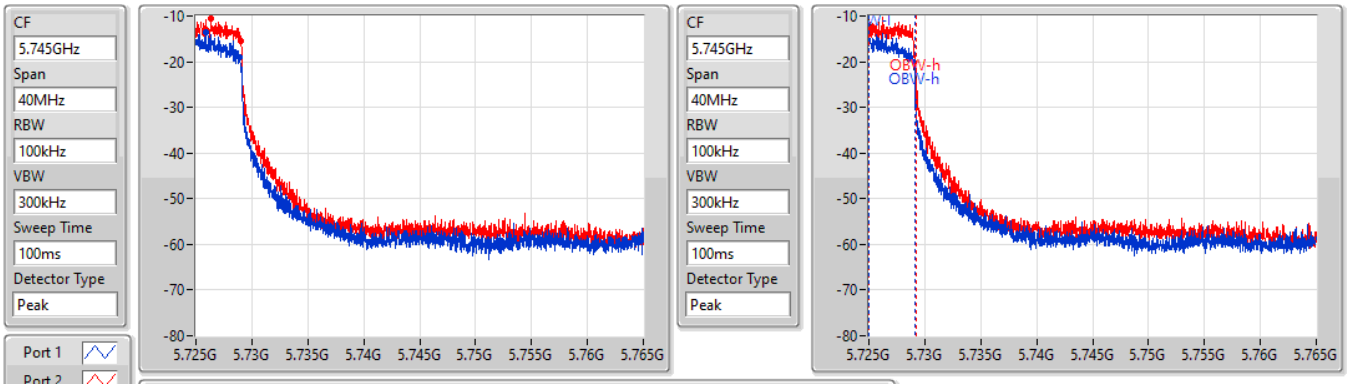


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.275M	5.648725G	5.725G	73.442M	5.651125G	5.724567G	Inf	1
76.35M	5.64865G	5.725G	73.197M	5.6513G	5.724497G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

24/08/2022

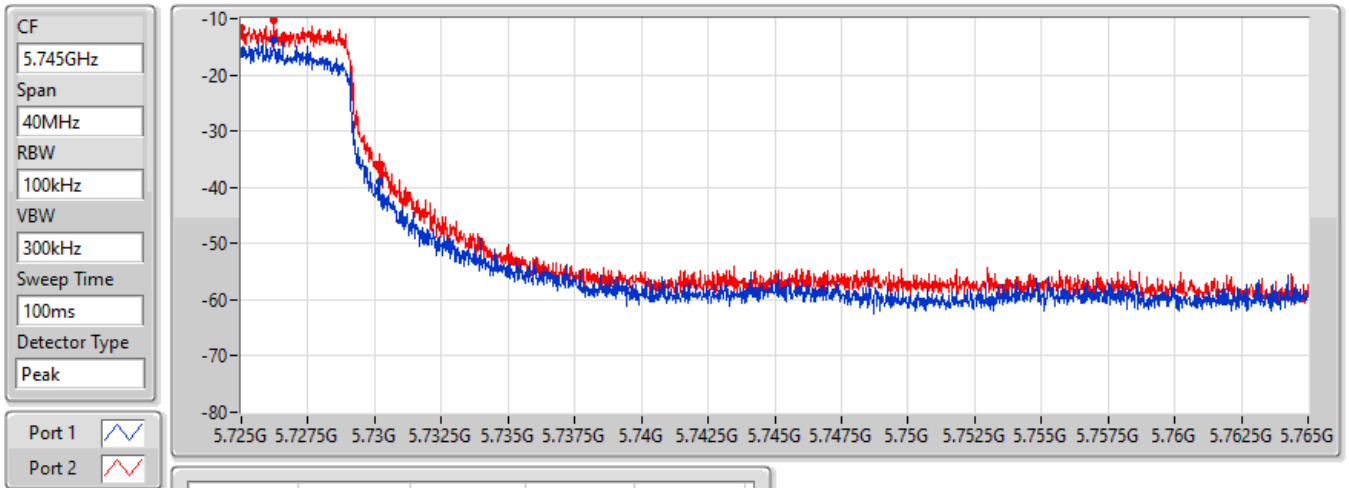


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.88M	5.725G	5.72888G	4.126M	5.725017G	5.729143G	500k	1
4.06M	5.725G	5.72906G	4.19M	5.725014G	5.729204G	500k	2

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5690MHz Straddle 5.725-5.85GHz

24/08/2022

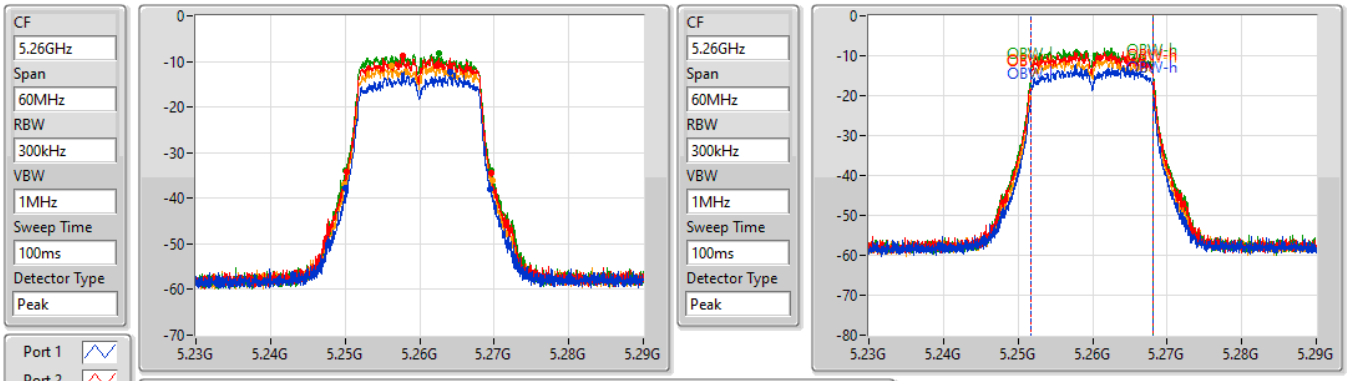


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.16M	5.725G	5.73016G	Inf	1
5.22M	5.725G	5.73022G	Inf	2

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

22/08/2022

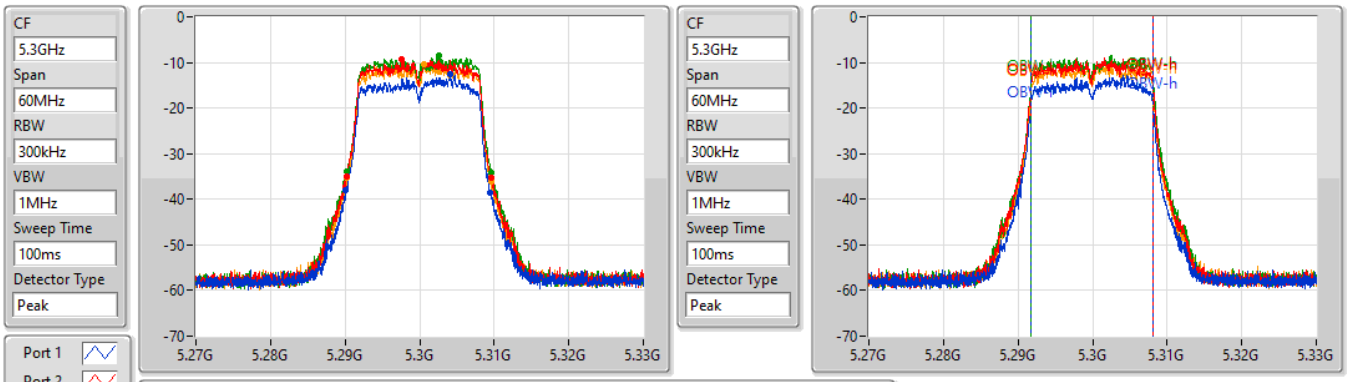


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.38M	5.25013G	5.26951G	16.401M	5.251734G	5.268135G	Inf	1
19.35M	5.25025G	5.2696G	16.445M	5.2517G	5.268144G	Inf	2
19.44M	5.2501G	5.26954G	16.446M	5.251686G	5.268132G	Inf	3
19.8M	5.24992G	5.26972G	16.434M	5.251725G	5.268158G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

22/08/2022

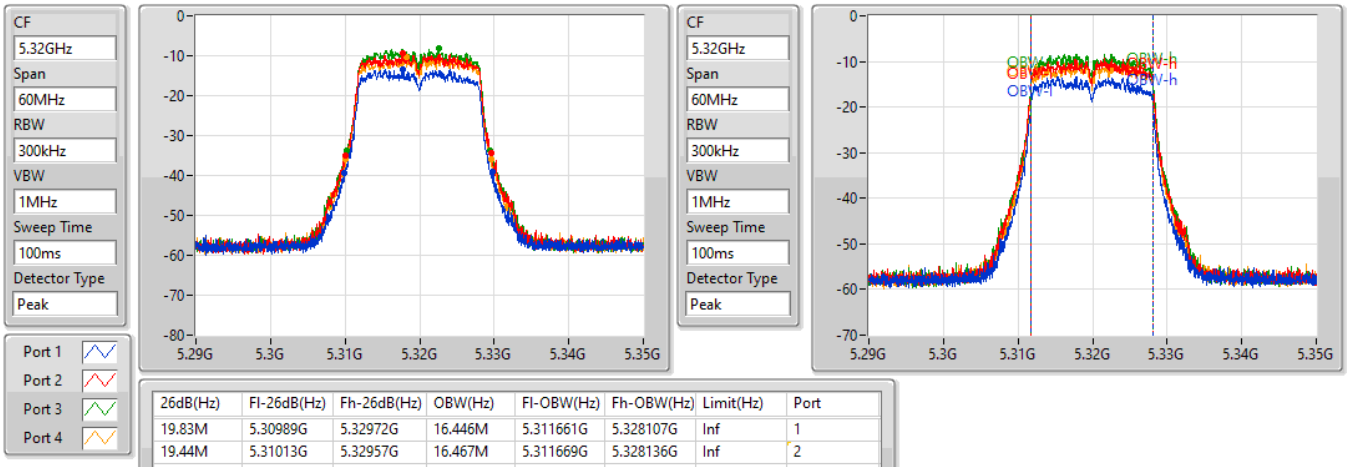


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.32M	5.29013G	5.30945G	16.449M	5.291671G	5.308119G	Inf	1
19.41M	5.29019G	5.3096G	16.452M	5.291689G	5.308141G	Inf	2
19.47M	5.29022G	5.30969G	16.458M	5.291724G	5.308182G	Inf	3
19.35M	5.29019G	5.30954G	16.433M	5.291723G	5.308155G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

22/08/2022

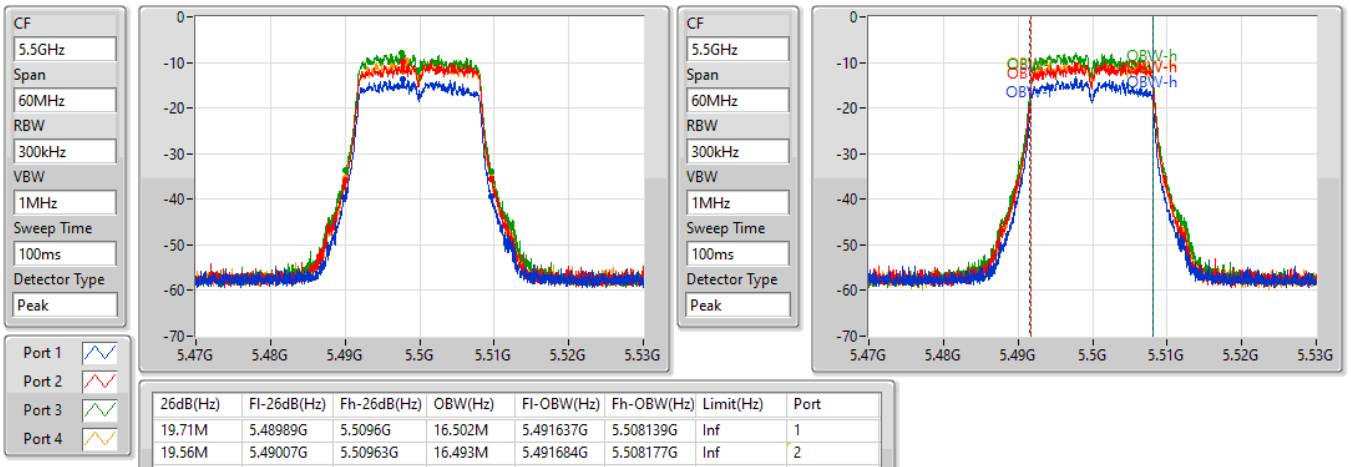


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.83M	5.30989G	5.32972G	16.446M	5.311661G	5.328107G	Inf	1
19.44M	5.31013G	5.32957G	16.467M	5.311669G	5.328136G	Inf	2
19.32M	5.31019G	5.32951G	16.392M	5.31173G	5.328122G	Inf	3
19.59M	5.31004G	5.32963G	16.445M	5.311693G	5.328138G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

22/08/2022

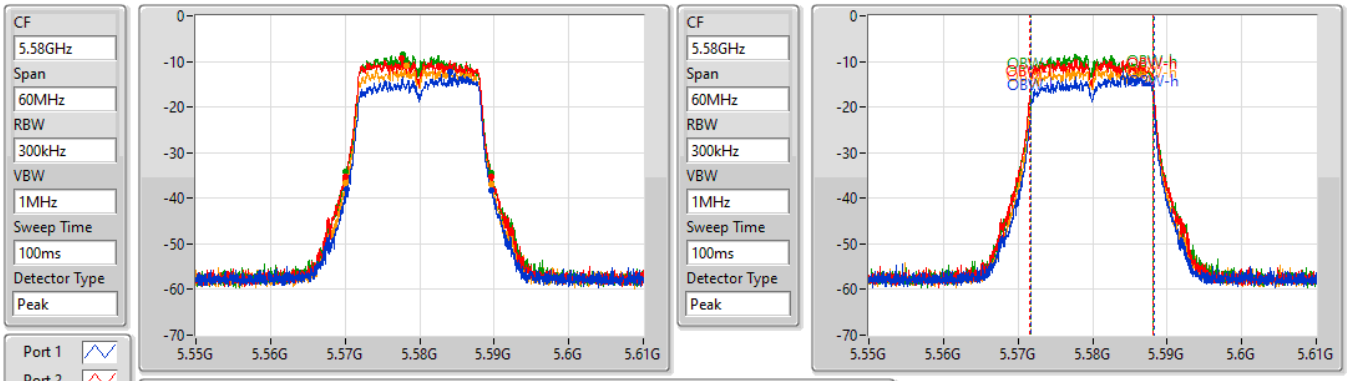


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.71M	5.48989G	5.5096G	16.502M	5.491637G	5.508139G	Inf	1
19.56M	5.49007G	5.50963G	16.493M	5.491684G	5.508177G	Inf	2
19.59M	5.49004G	5.50963G	16.451M	5.491688G	5.508139G	Inf	3
19.44M	5.4901G	5.50954G	16.434M	5.491714G	5.508148G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

22/08/2022

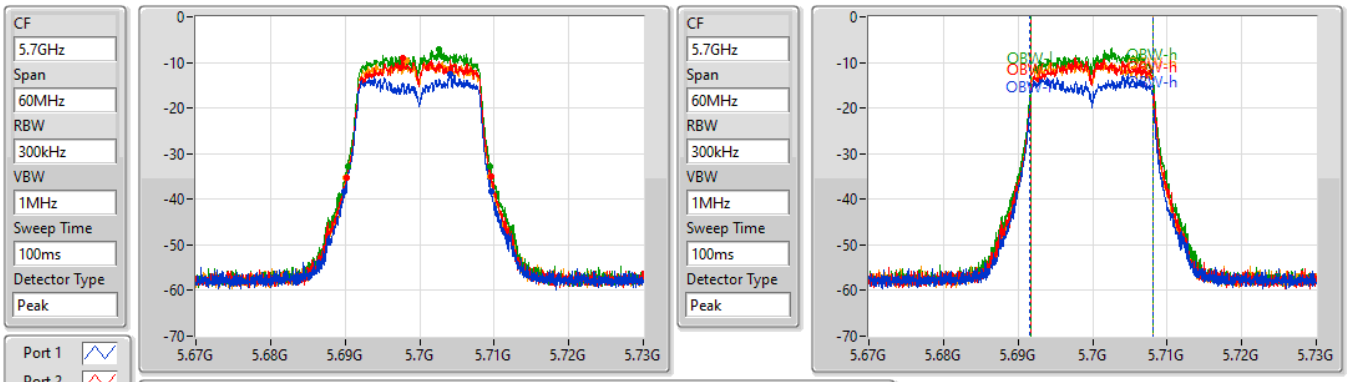


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.44M	5.57019G	5.58963G	16.46M	5.571741G	5.588201G	Inf	1
19.62M	5.57001G	5.58963G	16.529M	5.571633G	5.588163G	Inf	2
19.68M	5.56998G	5.58966G	16.415M	5.571699G	5.588114G	Inf	3
19.56M	5.5701G	5.58966G	16.44M	5.571704G	5.588145G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

22/08/2022

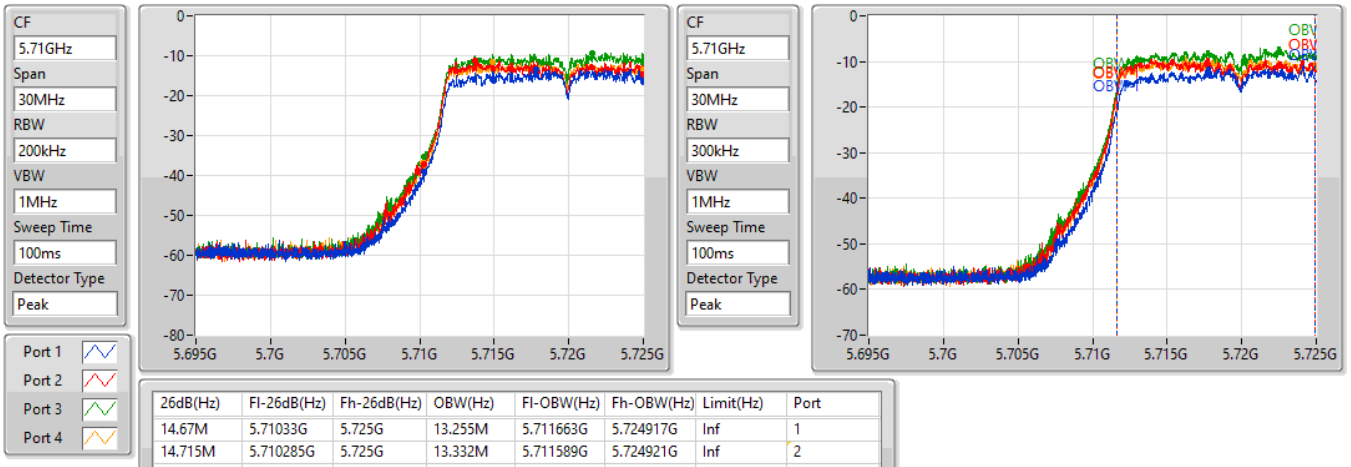


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.68989G	5.70954G	16.596M	5.691575G	5.708171G	Inf	1
19.32M	5.69025G	5.70957G	16.414M	5.691741G	5.708155G	Inf	2
19.17M	5.69034G	5.70951G	16.399M	5.691741G	5.70814G	Inf	3
19.47M	5.69004G	5.70951G	16.443M	5.691692G	5.708135G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

22/08/2022

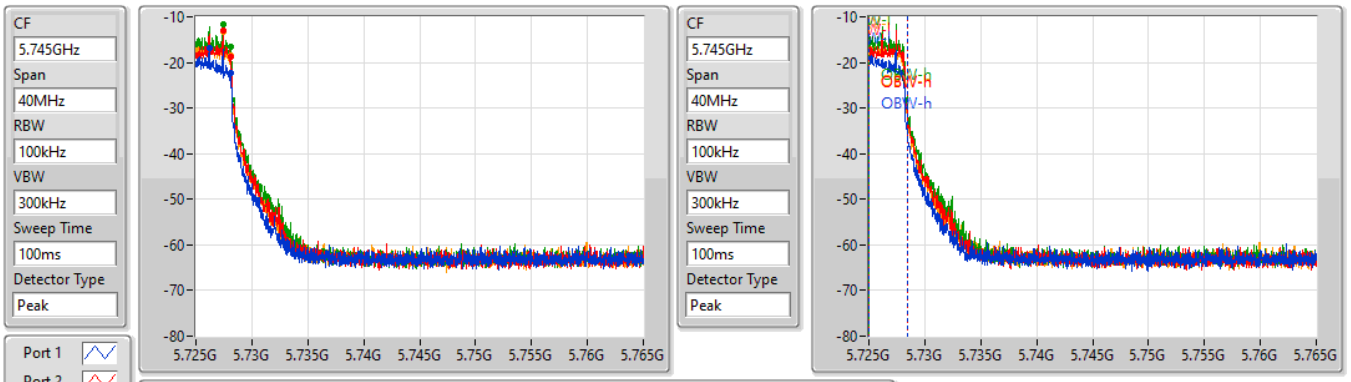


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.67M	5.71033G	5.725G	13.255M	5.711663G	5.724917G	Inf	1
14.715M	5.710285G	5.725G	13.332M	5.711589G	5.724921G	Inf	2
14.685M	5.710315G	5.725G	13.268M	5.711671G	5.724939G	Inf	3
14.775M	5.710225G	5.725G	13.296M	5.71164G	5.724937G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

22/08/2022

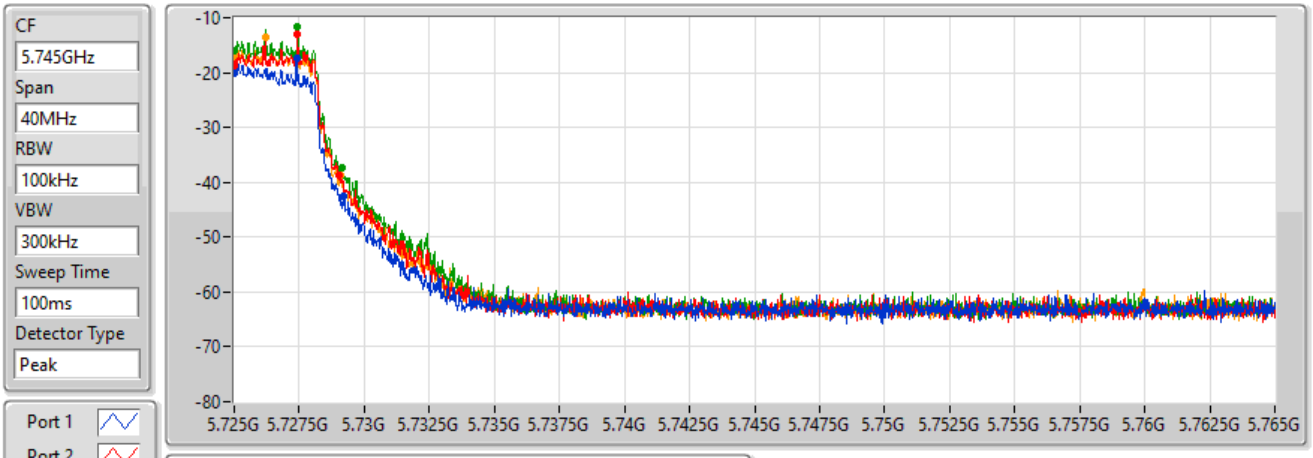


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.08M	5.725G	5.72808G	3.416M	5.725014G	5.72843G	500k	1
3.08M	5.72502G	5.7281G	3.429M	5.725021G	5.72845G	500k	2
3.08M	5.725G	5.72808G	3.427M	5.725016G	5.728443G	500k	3
3.08M	5.725G	5.72808G	3.407M	5.725014G	5.728421G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

22/08/2022

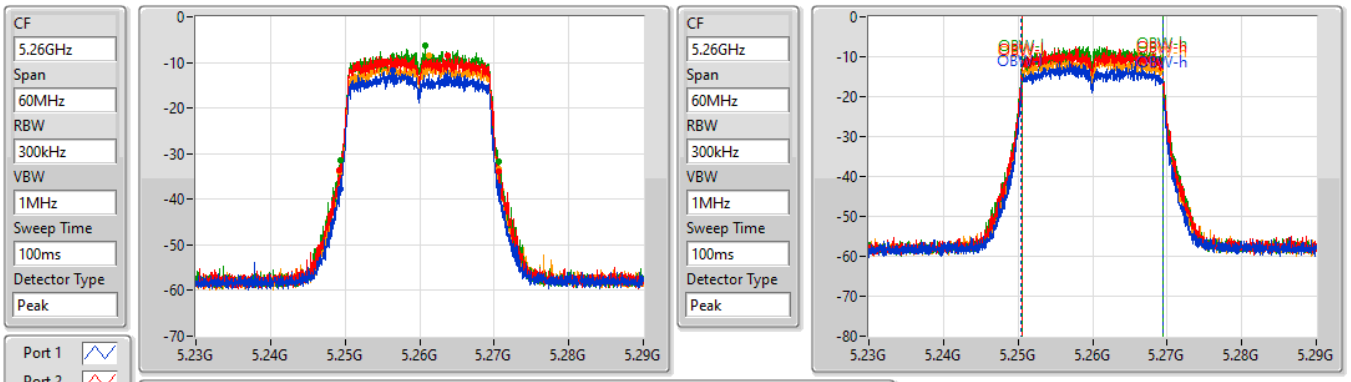


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.22M	5.725G	5.72922G	Inf	1
4.02M	5.725G	5.72902G	Inf	2
4.16M	5.725G	5.72916G	Inf	3
4.1M	5.725G	5.7291G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

22/08/2022

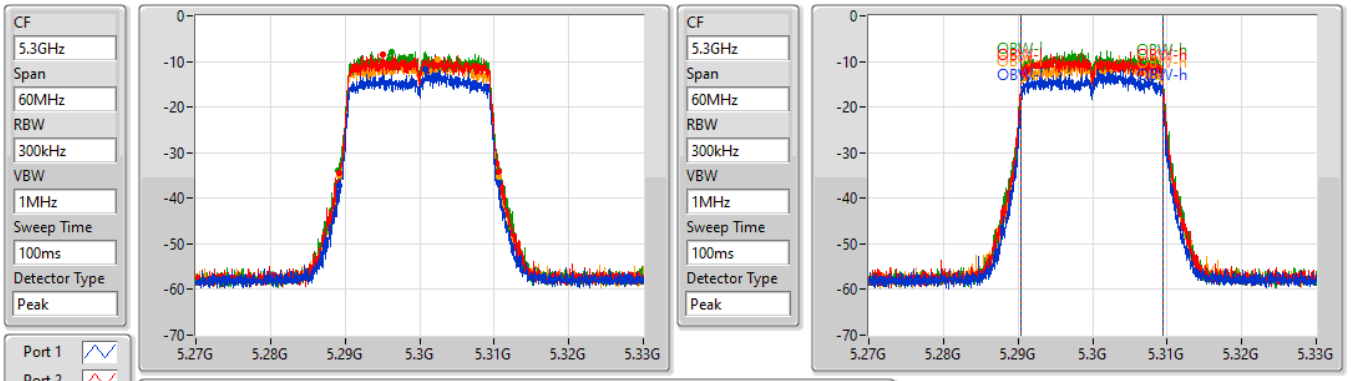


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.24935G	5.27062G	18.941M	5.250467G	5.269407G	Inf	1
21.39M	5.24926G	5.27065G	18.932M	5.250476G	5.269408G	Inf	2
21.18M	5.24944G	5.27062G	18.926M	5.250491G	5.269418G	Inf	3
21.27M	5.24929G	5.27056G	18.93M	5.250484G	5.269414G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

22/08/2022

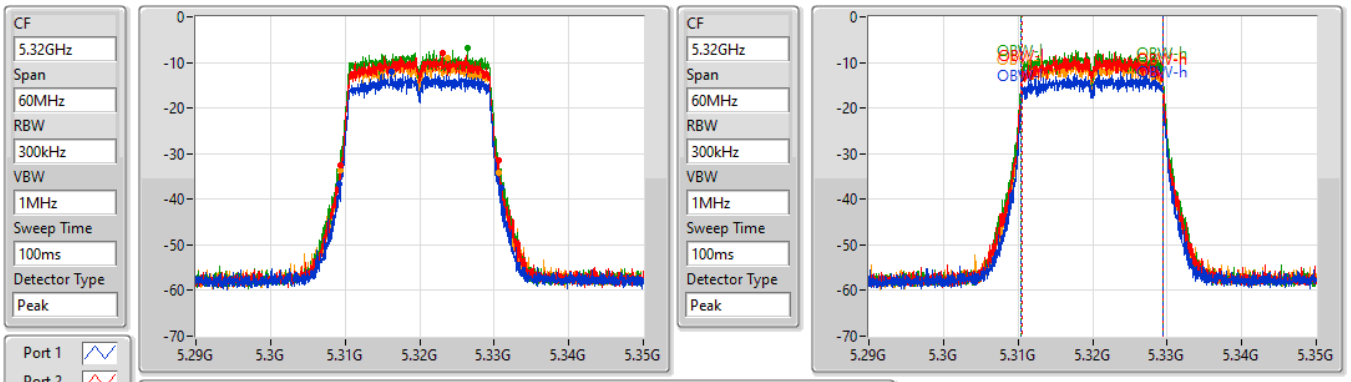


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.28926G	5.31056G	18.94M	5.290461G	5.309401G	Inf	1
21.48M	5.28914G	5.31062G	18.965M	5.290451G	5.309415G	Inf	2
21.57M	5.28911G	5.31068G	18.968M	5.290455G	5.309423G	Inf	3
21.48M	5.28917G	5.31065G	18.944M	5.290468G	5.309412G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

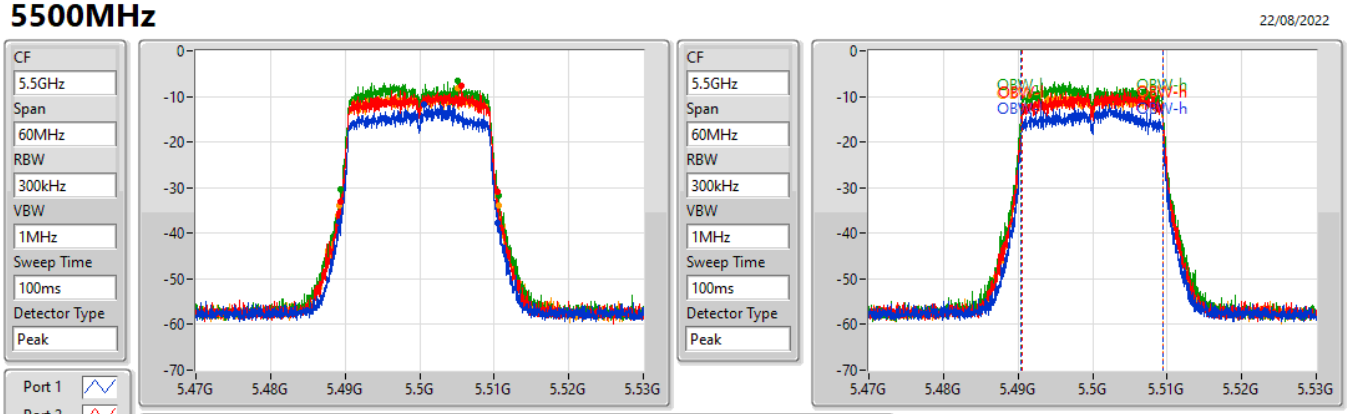
22/08/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.30923G	5.33089G	18.963M	5.310464G	5.329427G	Inf	1
21.12M	5.30944G	5.33056G	18.891M	5.310492G	5.329383G	Inf	2
21.27M	5.30932G	5.33059G	18.979M	5.310454G	5.329433G	Inf	3
21.24M	5.30935G	5.33059G	18.944M	5.310464G	5.329408G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

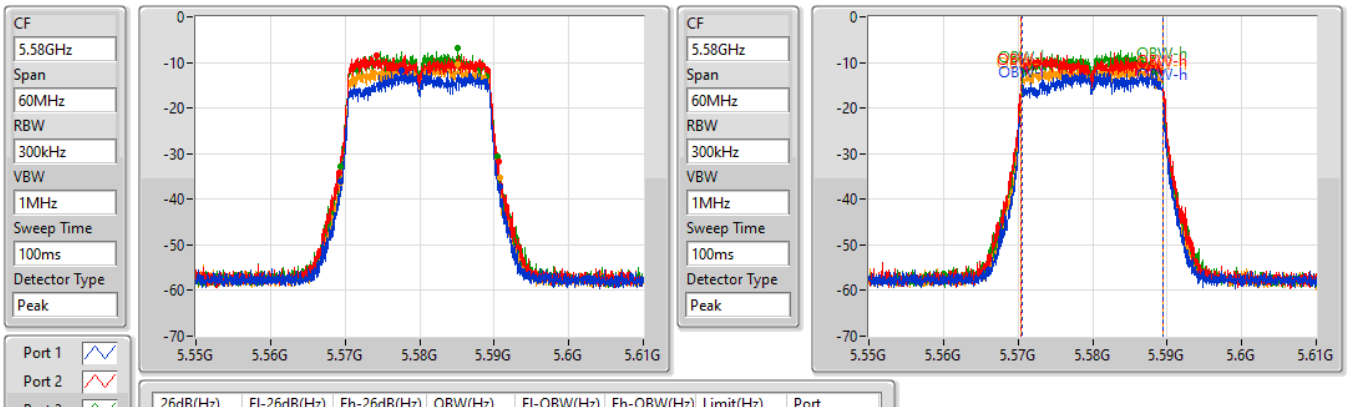
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.48926G	5.51044G	18.929M	5.490471G	5.5094G	Inf	1
21.03M	5.48938G	5.51041G	18.926M	5.490478G	5.509404G	Inf	2
21.18M	5.48935G	5.51053G	18.955M	5.490458G	5.509413G	Inf	3
21.3M	5.48926G	5.51056G	18.955M	5.490461G	5.509416G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

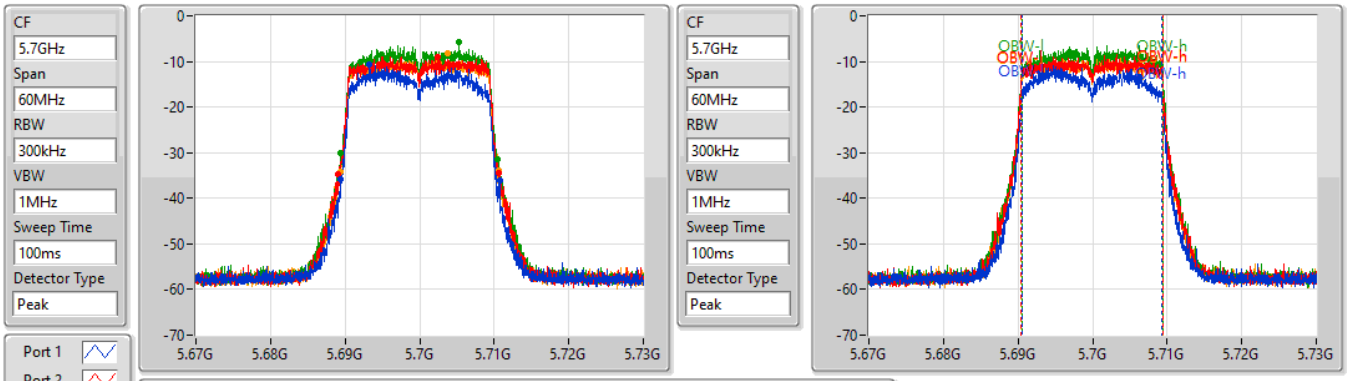


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.56944G	5.5908G	18.949M	5.570484G	5.589434G	Inf	1
21.45M	5.56914G	5.59059G	19.012M	5.57042G	5.589432G	Inf	2
21.06M	5.56941G	5.59047G	18.91M	5.570482G	5.589392G	Inf	3
21.33M	5.56938G	5.59071G	18.946M	5.570469G	5.589415G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

22/08/2022

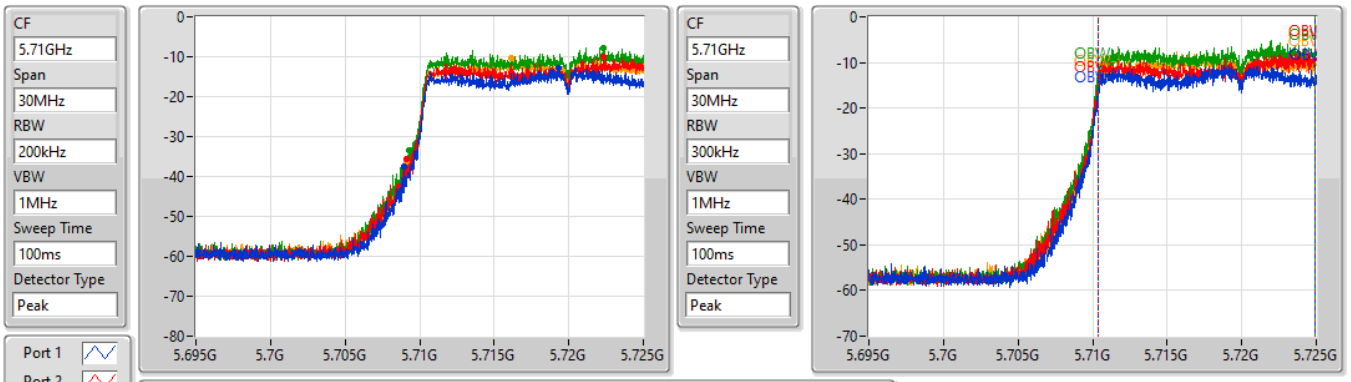


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.68935G	5.71083G	18.807M	5.690509G	5.709316G	Inf	1
21.54M	5.68908G	5.71062G	18.961M	5.690447G	5.709409G	Inf	2
21M	5.68944G	5.71044G	18.891M	5.690491G	5.709382G	Inf	3
21.33M	5.68932G	5.71065G	18.937M	5.690467G	5.709404G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

22/08/2022

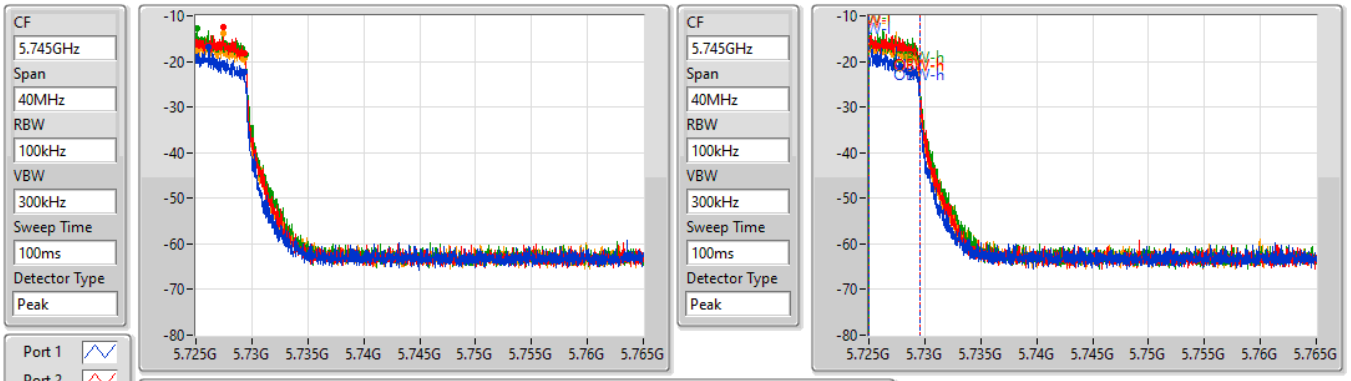


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.065M	5.708935G	5.725G	14.578M	5.710346G	5.724924G	Inf	1
15.915M	5.709085G	5.725G	14.579M	5.710374G	5.724953G	Inf	2
15.675M	5.709325G	5.725G	14.551M	5.710384G	5.724935G	Inf	3
15.84M	5.70916G	5.725G	14.509M	5.710415G	5.724924G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

22/08/2022

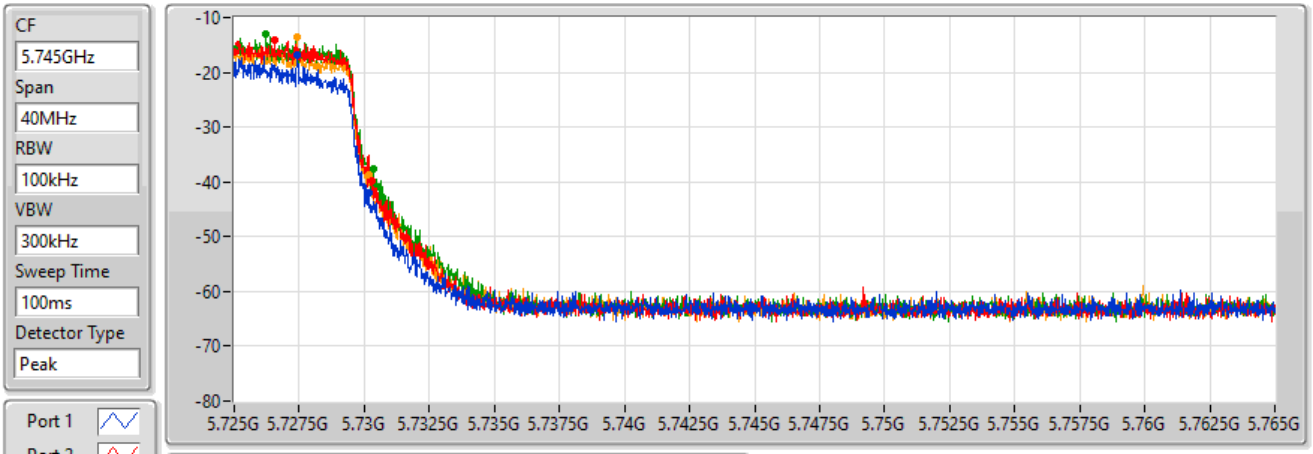


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.3M	5.725G	5.7293G	4.53M	5.72502G	5.729551G	500k	1
4.38M	5.725G	5.72938G	4.538M	5.72502G	5.729558G	500k	2
4.42M	5.725G	5.72942G	4.575M	5.725019G	5.729595G	500k	3
4.4M	5.725G	5.7294G	4.545M	5.725018G	5.729563G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

22/08/2022

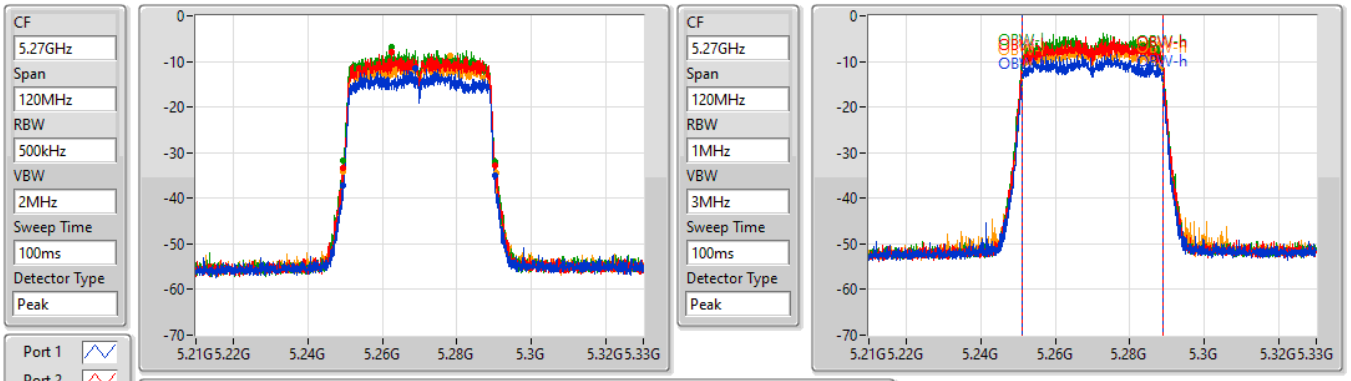


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.18M	5.725G	5.73018G	Inf	1
5.3M	5.725G	5.7303G	Inf	2
5.34M	5.725G	5.73034G	Inf	3
5.18M	5.725G	5.73018G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

22/08/2022

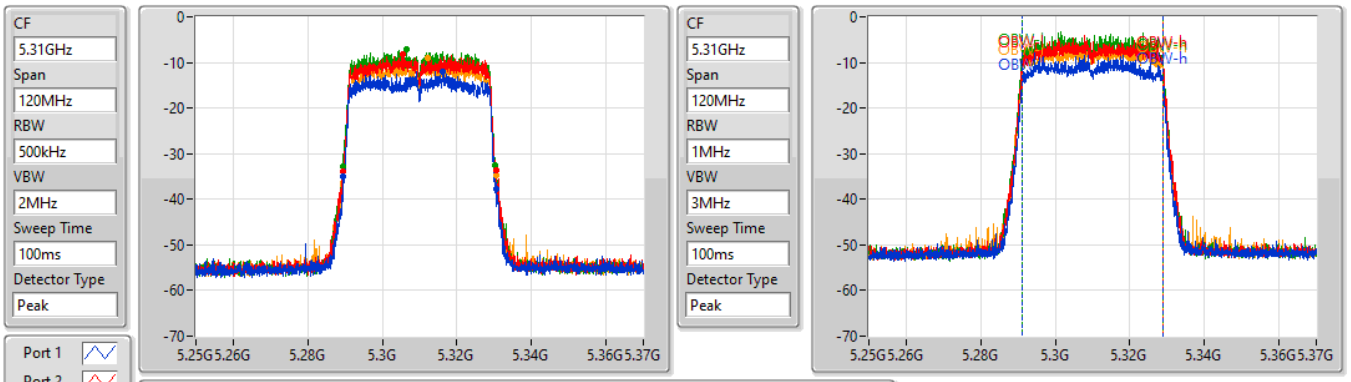


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.24936G	5.29028G	37.979M	5.250963G	5.288942G	Inf	1
40.74M	5.24954G	5.29028G	37.96M	5.250998G	5.288958G	Inf	2
40.74M	5.24948G	5.29022G	37.889M	5.250995G	5.288884G	Inf	3
40.92M	5.2496G	5.29052G	37.943M	5.250962G	5.288905G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

22/08/2022



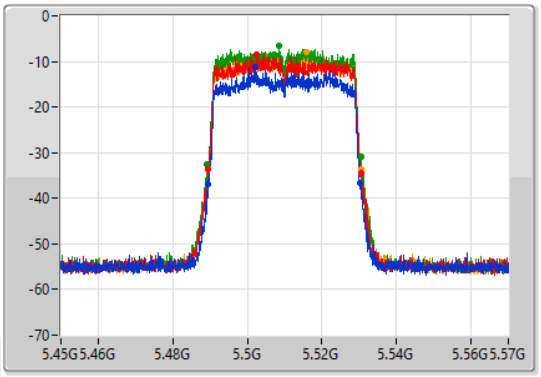
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.28948G	5.33058G	37.961M	5.291006G	5.328968G	Inf	1
41.16M	5.2893G	5.33046G	37.927M	5.291016G	5.328943G	Inf	2
40.86M	5.2893G	5.33016G	37.853M	5.290964G	5.328816G	Inf	3
41.04M	5.28954G	5.33058G	37.941M	5.290979G	5.32892G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

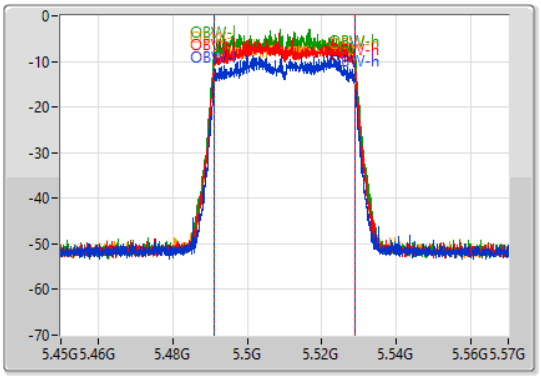
5510MHz

22/08/2022

CF 5.51GHz
Span 120MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Peak



CF 5.51GHz
Span 120MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Peak



Port 1
Port 2
Port 3
Port 4

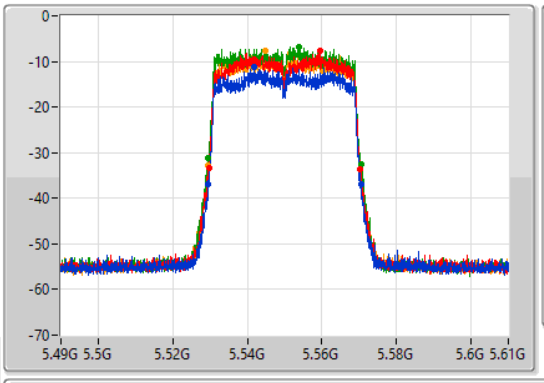
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.48948G	5.53022G	37.909M	5.490951G	5.52886G	Inf	1
40.98M	5.4896G	5.53058G	37.934M	5.490971G	5.528905G	Inf	2
41.28M	5.48924G	5.53052G	38.04M	5.490969G	5.529009G	Inf	3
40.8M	5.4896G	5.5304G	37.953M	5.490994G	5.528947G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

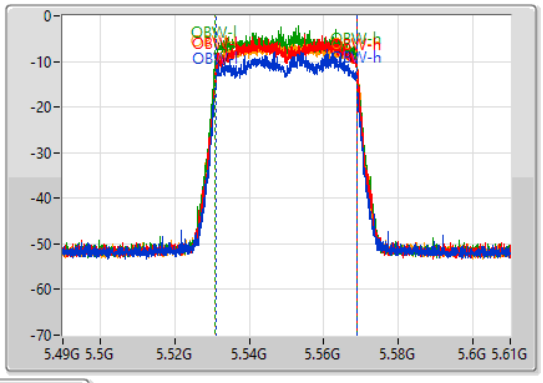
5550MHz

22/08/2022

CF 5.55GHz
Span 120MHz
RBW 500kHz
VBW 2MHz
Sweep Time 100ms
Detector Type Peak



CF 5.55GHz
Span 120MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Peak

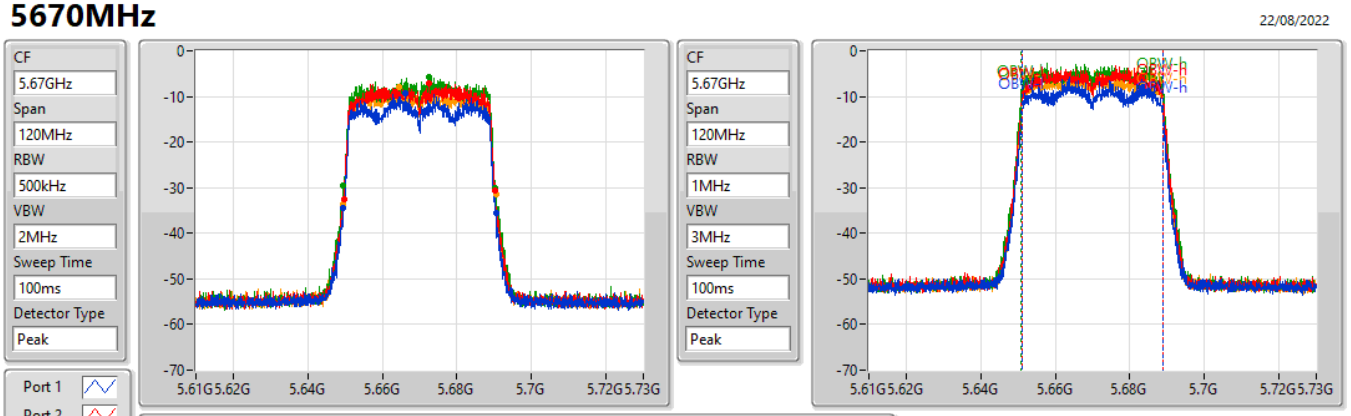


Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.5296G	5.57058G	37.825M	5.530987G	5.568811G	Inf	1
40.5M	5.52966G	5.57016G	37.792M	5.531101G	5.568893G	Inf	2
41.16M	5.5293G	5.57046G	37.957M	5.530895G	5.568851G	Inf	3
40.86M	5.52942G	5.57028G	38.005M	5.530931G	5.568936G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

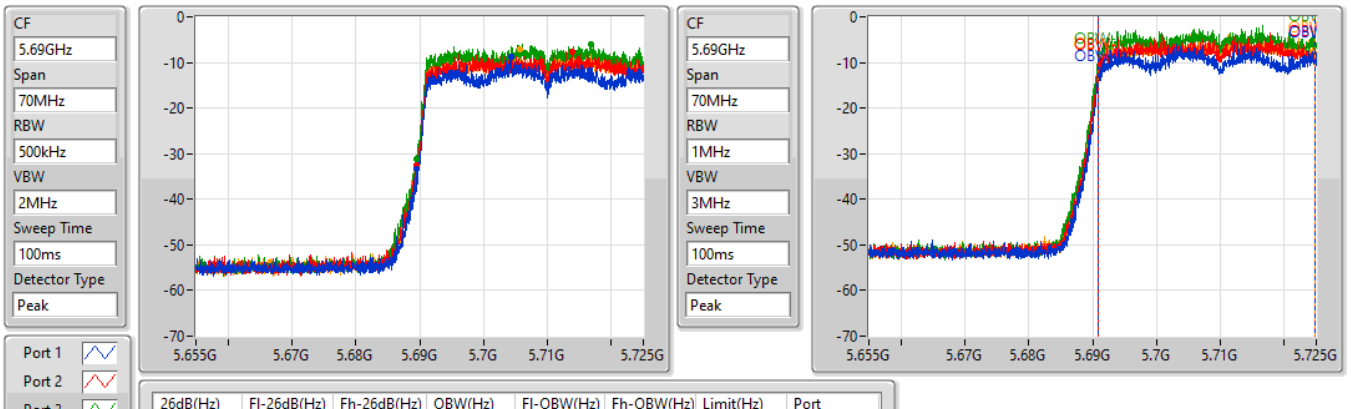
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.6496G	5.6904G	37.795M	5.650999G	5.688793G	Inf	1
40.62M	5.64966G	5.69028G	37.825M	5.65106G	5.688885G	Inf	2
40.74M	5.6496G	5.69034G	38.028M	5.650943G	5.688971G	Inf	3
41.22M	5.6493G	5.69052G	37.879M	5.650963G	5.688843G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

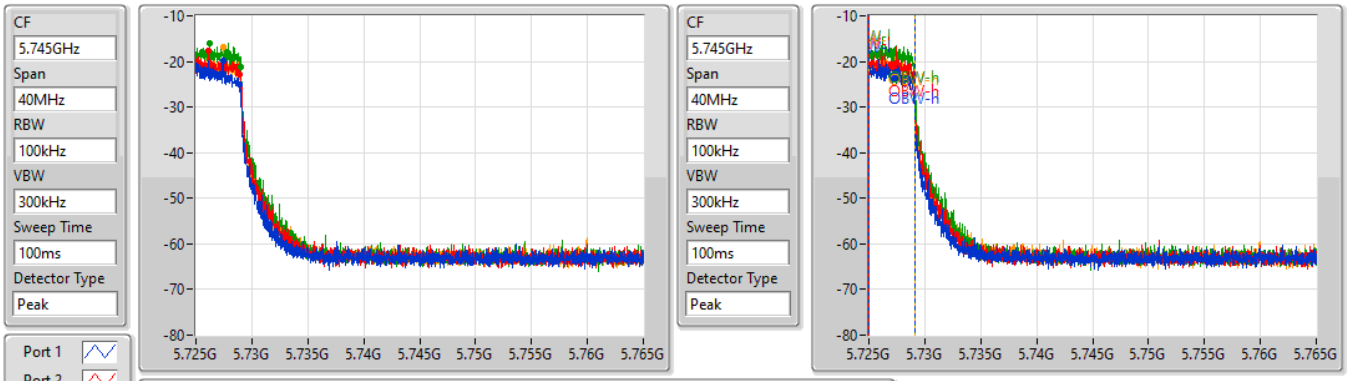


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.42M	5.68958G	5.725G	33.911M	5.690938G	5.724849G	Inf	1
35.525M	5.689475G	5.725G	33.828M	5.690952G	5.72478G	Inf	2
35.49M	5.68951G	5.725G	33.905M	5.690906G	5.724812G	Inf	3
35.42M	5.68958G	5.725G	33.889M	5.690917G	5.724806G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

22/08/2022

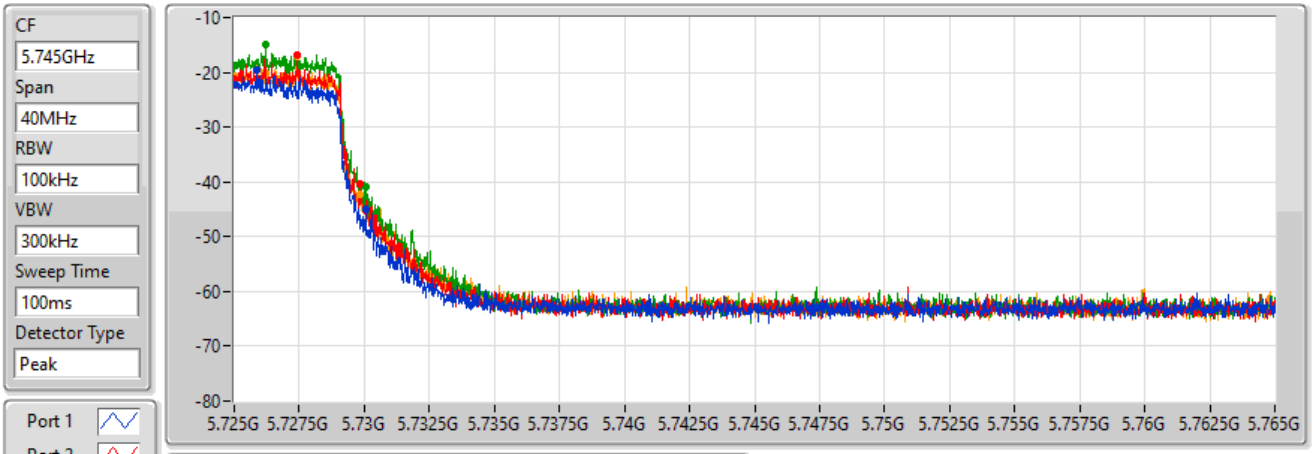


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.9M	5.725G	5.7289G	4.102M	5.725017G	5.729118G	500k	1
3.94M	5.725G	5.72894G	4.128M	5.725021G	5.729149G	500k	2
4.02M	5.725G	5.72902G	4.117M	5.725021G	5.729139G	500k	3
3.9M	5.725G	5.7289G	4.133M	5.725018G	5.729151G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

22/08/2022

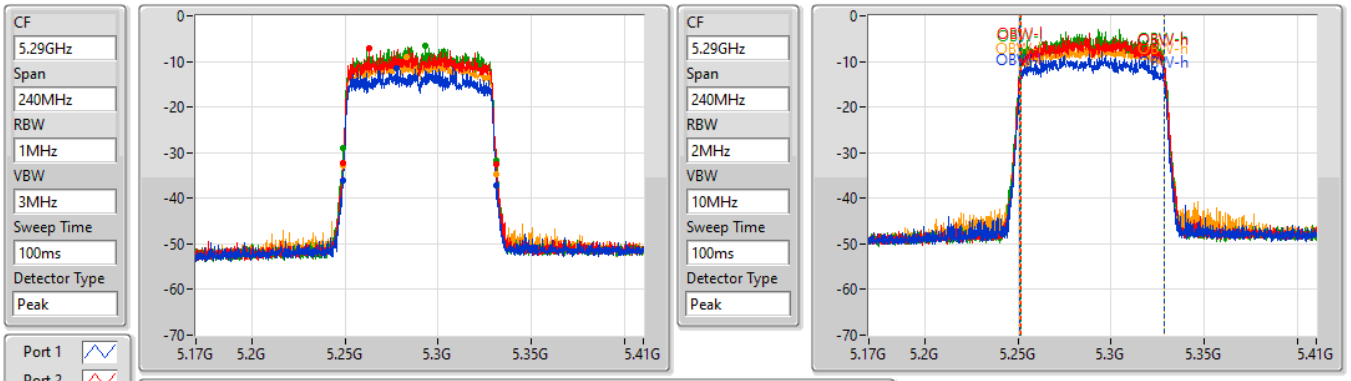


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.04M	5.725G	5.73004G	Inf	1
4.82M	5.725G	5.72982G	Inf	2
5.04M	5.725G	5.73004G	Inf	3
4.86M	5.725G	5.72986G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

22/08/2022

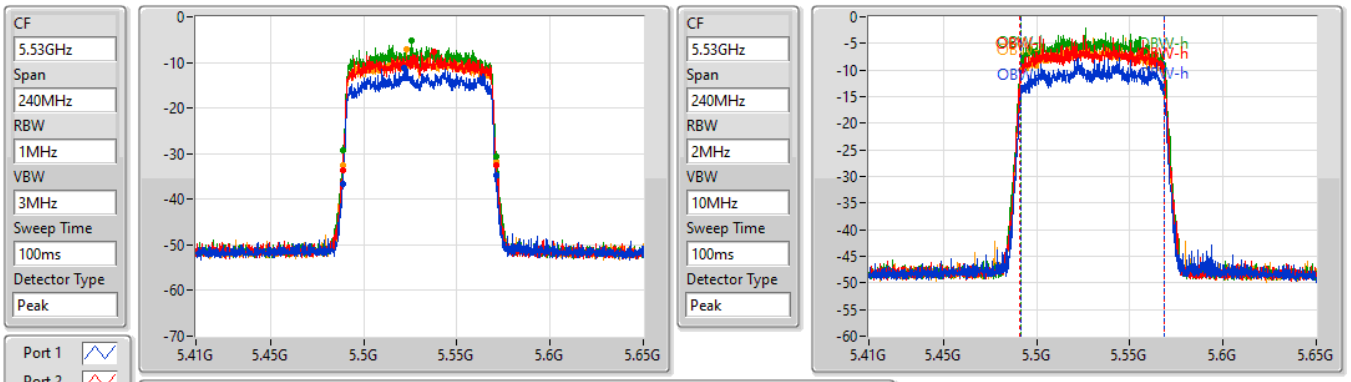


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.2486G	5.33128G	77.458M	5.251204G	5.328662G	Inf	1
82.08M	5.24896G	5.33104G	77.288M	5.25137G	5.328657G	Inf	2
81.96M	5.24908G	5.33104G	77.202M	5.251299G	5.328501G	Inf	3
82.44M	5.24884G	5.33128G	77.473M	5.251217G	5.328691G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

22/08/2022

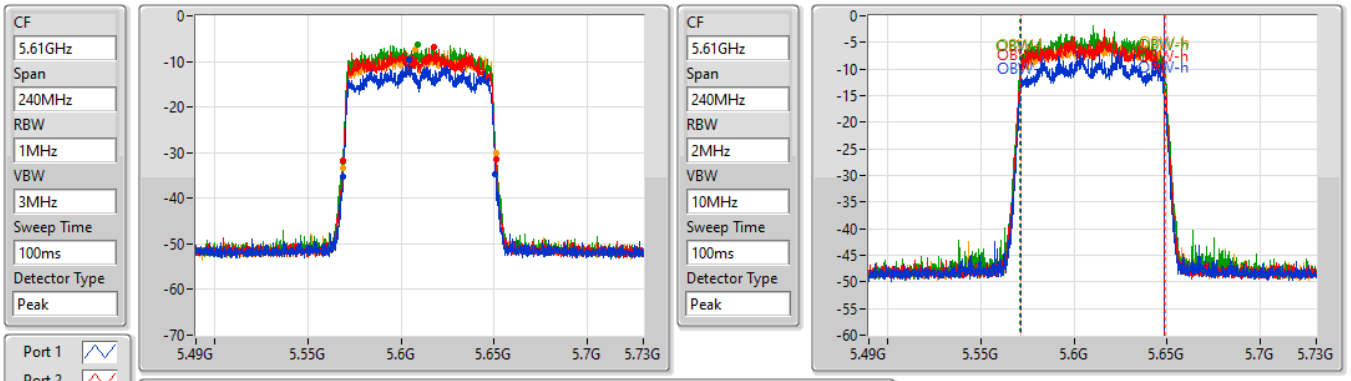


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.4886G	5.57104G	77.259M	5.491313G	5.568572G	Inf	1
82.44M	5.4886G	5.57104G	77.428M	5.491195G	5.568623G	Inf	2
82.08M	5.48896G	5.57104G	77.465M	5.491296G	5.568761G	Inf	3
81.84M	5.48896G	5.5708G	77.278M	5.491347G	5.568625G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

22/08/2022

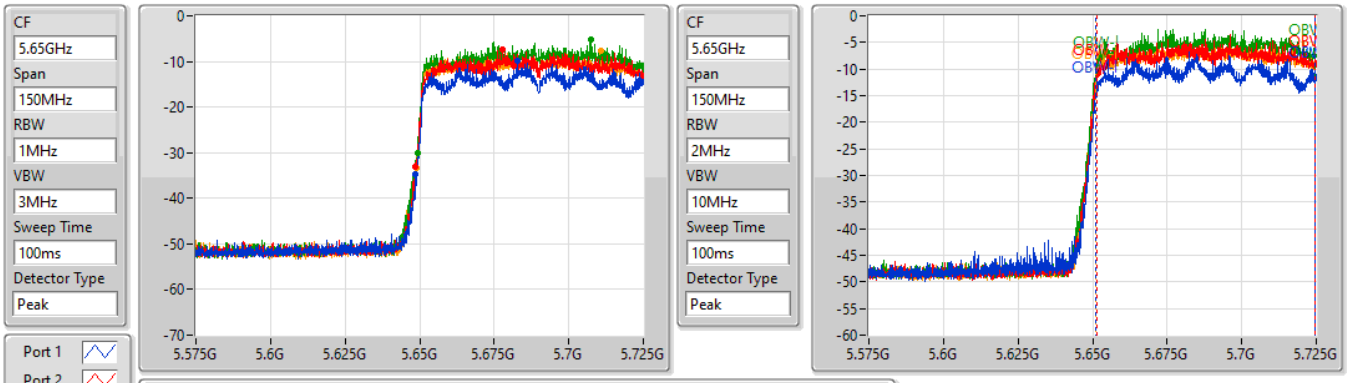


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.56896G	5.65068G	77.184M	5.571287G	5.648471G	Inf	1
81.84M	5.56896G	5.6508G	76.954M	5.571321G	5.648276G	Inf	2
82.32M	5.56872G	5.65104G	77.416M	5.571184G	5.6486G	Inf	3
82.32M	5.56872G	5.65104G	77.414M	5.571372G	5.648786G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

22/08/2022

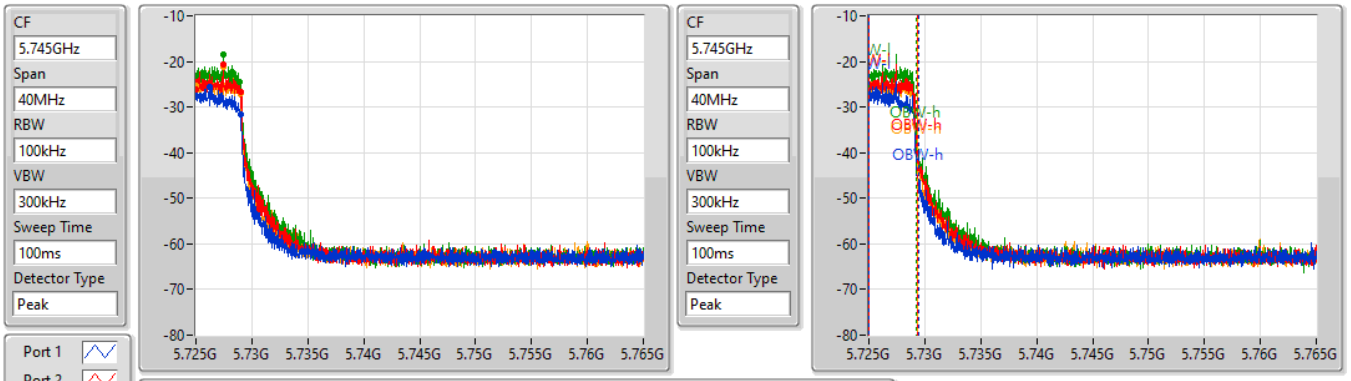


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.5M	5.6485G	5.725G	73.433M	5.6511145G	5.724547G	Inf	1
76.275M	5.648725G	5.725G	73.062M	5.651381G	5.724443G	Inf	2
75.825M	5.649175G	5.725G	73.165M	5.651285G	5.72445G	Inf	3
76.2M	5.6488G	5.725G	73.39M	5.6511G	5.72449G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

22/08/2022

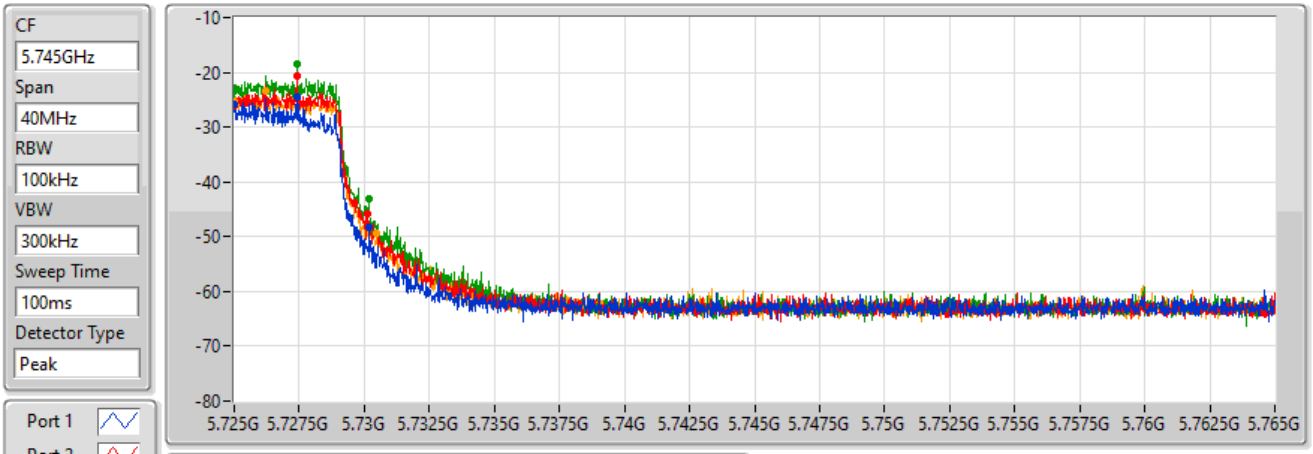


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.98M	5.725G	5.72898G	4.459M	5.725012G	5.729471G	500k	1
3.96M	5.725G	5.72896G	4.306M	5.725024G	5.72933G	500k	2
3.92M	5.72502G	5.72894G	4.231M	5.72502G	5.729251G	500k	3
3.98M	5.725G	5.72898G	4.322M	5.725018G	5.72934G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

22/08/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.18M	5.725G	5.73018G	Inf	1
5.14M	5.725G	5.73014G	Inf	2
5.16M	5.725G	5.73016G	Inf	3
5.48M	5.725G	5.73048G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.74M	16.457M	16M5D1D	19.56M	16.441M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.51M	18.95M	19M0D1D	21.27M	18.936M
802.11ax HEW40_Nss1,(MCS0)_1TX	40.8M	37.953M	38M0D1D	40.74M	37.906M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.68M	77.453M	77M5D1D	82.68M	77.453M
802.11a_Nss1,(6Mbps)_2TX	19.65M	16.443M	16M5D1D	19.44M	16.412M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.6M	18.956M	19M0D1D	21.39M	18.911M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.1M	38.001M	38M0D1D	40.86M	37.906M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.32M	77.479M	77M5D1D	82.2M	77.367M
802.11a_Nss1,(6Mbps)_4TX	19.83M	16.467M	16M5D1D	19.32M	16.392M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.66M	18.979M	19M0D1D	21.12M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.16M	37.979M	38M0D1D	40.74M	37.853M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.68M	77.473M	77M5D1D	81.96M	77.202M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	19.89M	16.452M	16M5D1D	14.745M	13.307M
802.11ax HEW20_Nss1,(MCS0)_1TX	21.42M	18.949M	19M0D1D	15.9M	14.51M
802.11ax HEW40_Nss1,(MCS0)_1TX	41.22M	37.972M	38M0D1D	35.735M	33.939M
802.11ax HEW80_Nss1,(MCS0)_1TX	82.2M	77.448M	77M5D1D	76.2M	73.346M
802.11a_Nss1,(6Mbps)_2TX	19.71M	16.548M	16M6D1D	14.595M	13.25M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.66M	19.026M	19M0D1D	15.45M	14.467M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.1M	37.981M	38M0D1D	35.525M	33.87M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.92M	77.408M	77M5D1D	76.275M	73.197M
802.11a_Nss1,(6Mbps)_4TX	19.71M	16.596M	16M6D1D	14.67M	13.255M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.54M	19.012M	19M0D1D	15.675M	14.509M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.28M	38.04M	38M0D1D	35.42M	33.828M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.44M	77.465M	77M5D1D	75.825M	73.062M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	3.1M	3.422M	3M42D1D	3.1M	3.422M
802.11ax HEW20_Nss1,(MCS0)_1TX	4.44M	4.564M	4M56D1D	4.44M	4.564M
802.11ax HEW40_Nss1,(MCS0)_1TX	3.92M	4.109M	4M11D1D	3.92M	4.109M
802.11ax HEW80_Nss1,(MCS0)_1TX	4.08M	4.178M	4M18D1D	4.08M	4.178M
802.11a_Nss1,(6Mbps)_2TX	3.1M	3.453M	3M45D1D	2.94M	3.441M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.44M	4.572M	4M57D1D	4.36M	4.521M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.1M	4.144M	4M14D1D	3.94M	4.096M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.06M	4.19M	4M19D1D	3.88M	4.126M
802.11a_Nss1,(6Mbps)_4TX	3.08M	3.429M	3M43D1D	3.08M	3.407M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.42M	4.575M	4M58D1D	4.3M	4.53M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.02M	4.133M	4M13D1D	3.9M	4.102M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.98M	4.459M	4M46D1D	3.92M	4.231M

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	19.56M	16.448M						
5300MHz	Pass	Inf	19.74M	16.457M						
5320MHz	Pass	Inf	19.59M	16.441M						
5500MHz	Pass	Inf	19.89M	16.438M						
5580MHz	Pass	Inf	19.62M	16.452M						
5700MHz	Pass	Inf	19.53M	16.437M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.745M	13.307M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.1M	3.422M						
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.51M	18.936M						
5300MHz	Pass	Inf	21.27M	18.936M						
5320MHz	Pass	Inf	21.39M	18.95M						
5500MHz	Pass	Inf	21.42M	18.937M						
5580MHz	Pass	Inf	21.42M	18.937M						
5700MHz	Pass	Inf	21.3M	18.949M						
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.9M	14.51M						
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.564M						
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.8M	37.906M						
5310MHz	Pass	Inf	40.74M	37.953M						
5510MHz	Pass	Inf	41.22M	37.951M						
5550MHz	Pass	Inf	40.86M	37.972M						
5670MHz	Pass	Inf	40.92M	37.96M						
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.735M	33.939M						
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.92M	4.109M						
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.68M	77.453M						
5530MHz	Pass	Inf	82.2M	77.448M						
5610MHz	Pass	Inf	82.2M	77.319M						
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.346M						
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.178M						
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.65M	16.412M	19.53M	16.424M				
5300MHz	Pass	Inf	19.59M	16.443M	19.53M	16.424M				
5320MHz	Pass	Inf	19.62M	16.436M	19.44M	16.422M				
5500MHz	Pass	Inf	19.47M	16.461M	19.44M	16.418M				
5580MHz	Pass	Inf	19.71M	16.468M	19.41M	16.428M				
5700MHz	Pass	Inf	19.38M	16.548M	19.41M	16.432M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.595M	13.25M	14.625M	13.262M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	2.94M	3.441M	3.1M	3.453M				
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.42M	18.911M	21.51M	18.919M				
5300MHz	Pass	Inf	21.6M	18.932M	21.51M	18.928M				
5320MHz	Pass	Inf	21.42M	18.911M	21.39M	18.956M				
5500MHz	Pass	Inf	21.42M	18.908M	21.51M	18.911M				
5580MHz	Pass	Inf	21.09M	18.929M	21.33M	18.942M				
5700MHz	Pass	Inf	21.66M	19.026M	21.45M	18.95M				
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.45M	14.467M	15.705M	14.492M				
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.36M	4.521M	4.44M	4.572M				
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.1M	37.906M	41.04M	37.908M				
5310MHz	Pass	Inf	40.86M	38.001M	40.92M	37.927M				
5510MHz	Pass	Inf	41.1M	37.95M	41.1M	37.939M				
5550MHz	Pass	Inf	40.74M	37.981M	41.04M	37.971M				

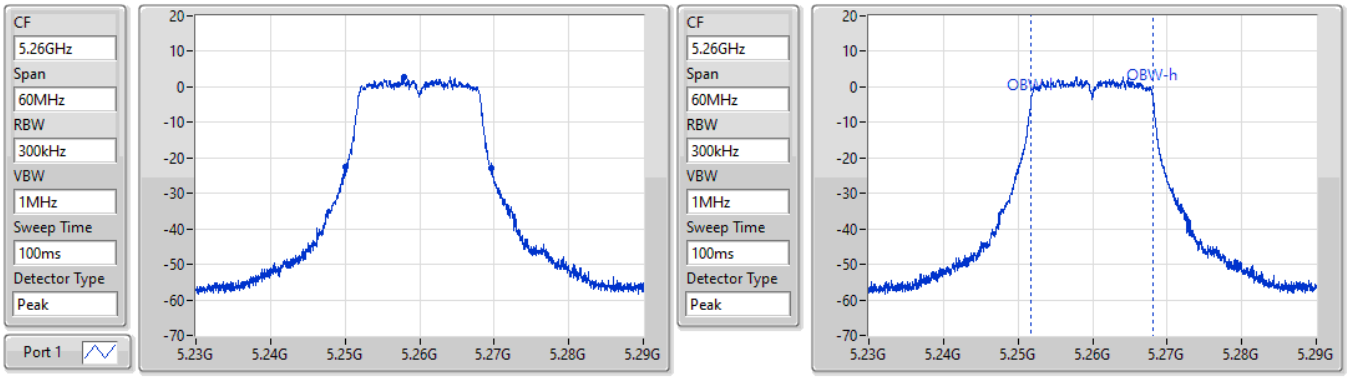
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5670MHz	Pass	Inf	40.74M	37.788M	40.92M	37.964M				
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.805M	33.895M	35.525M	33.87M				
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.94M	4.096M	4.1M	4.144M				
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.479M	82.2M	77.367M				
5530MHz	Pass	Inf	82.08M	77.232M	82.8M	77.408M				
5610MHz	Pass	Inf	82.92M	77.131M	82.92M	77.372M				
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.442M	76.35M	73.197M				
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.126M	4.06M	4.19M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.38M	16.401M	19.35M	16.445M	19.44M	16.446M	19.8M	16.434M
5300MHz	Pass	Inf	19.32M	16.449M	19.41M	16.452M	19.47M	16.458M	19.35M	16.433M
5320MHz	Pass	Inf	19.83M	16.446M	19.44M	16.467M	19.32M	16.392M	19.59M	16.445M
5500MHz	Pass	Inf	19.71M	16.502M	19.56M	16.493M	19.59M	16.451M	19.44M	16.434M
5580MHz	Pass	Inf	19.44M	16.46M	19.62M	16.529M	19.68M	16.415M	19.56M	16.44M
5700MHz	Pass	Inf	19.65M	16.596M	19.32M	16.414M	19.17M	16.399M	19.47M	16.443M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.67M	13.255M	14.715M	13.332M	14.685M	13.268M	14.775M	13.296M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	3.416M	3.08M	3.429M	3.08M	3.427M	3.08M	3.407M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.27M	18.941M	21.39M	18.932M	21.18M	18.926M	21.27M	18.93M
5300MHz	Pass	Inf	21.3M	18.94M	21.48M	18.965M	21.57M	18.968M	21.48M	18.944M
5320MHz	Pass	Inf	21.66M	18.963M	21.12M	18.891M	21.27M	18.979M	21.24M	18.944M
5500MHz	Pass	Inf	21.18M	18.929M	21.03M	18.926M	21.18M	18.955M	21.3M	18.955M
5580MHz	Pass	Inf	21.36M	18.949M	21.45M	19.012M	21.06M	18.91M	21.33M	18.946M
5700MHz	Pass	Inf	21.48M	18.807M	21.54M	18.961M	21M	18.891M	21.33M	18.937M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.065M	14.578M	15.915M	14.579M	15.675M	14.551M	15.84M	14.509M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.3M	4.53M	4.38M	4.538M	4.42M	4.575M	4.4M	4.545M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.92M	37.979M	40.74M	37.96M	40.74M	37.889M	40.92M	37.943M
5310MHz	Pass	Inf	41.1M	37.961M	41.16M	37.927M	40.86M	37.853M	41.04M	37.941M
5510MHz	Pass	Inf	40.74M	37.909M	40.98M	37.934M	41.28M	38.04M	40.8M	37.953M
5550MHz	Pass	Inf	40.98M	37.825M	40.5M	37.792M	41.16M	37.957M	40.86M	38.005M
5670MHz	Pass	Inf	40.8M	37.795M	40.62M	37.825M	40.74M	38.028M	41.22M	37.879M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.42M	33.911M	35.525M	33.828M	35.49M	33.905M	35.42M	33.889M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	4.102M	3.94M	4.128M	4.02M	4.117M	3.9M	4.133M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.68M	77.458M	82.08M	77.288M	81.96M	77.202M	82.44M	77.473M
5530MHz	Pass	Inf	82.44M	77.259M	82.44M	77.428M	82.08M	77.465M	81.84M	77.278M
5610MHz	Pass	Inf	81.72M	77.184M	81.84M	76.954M	82.32M	77.416M	82.32M	77.414M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.433M	76.275M	73.062M	75.825M	73.165M	76.2M	73.39M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.98M	4.459M	3.96M	4.306M	3.92M	4.231M	3.98M	4.322M

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

802.11a_Nss1,(6Mbps)_1TX EBW

5260MHz

24/08/2022

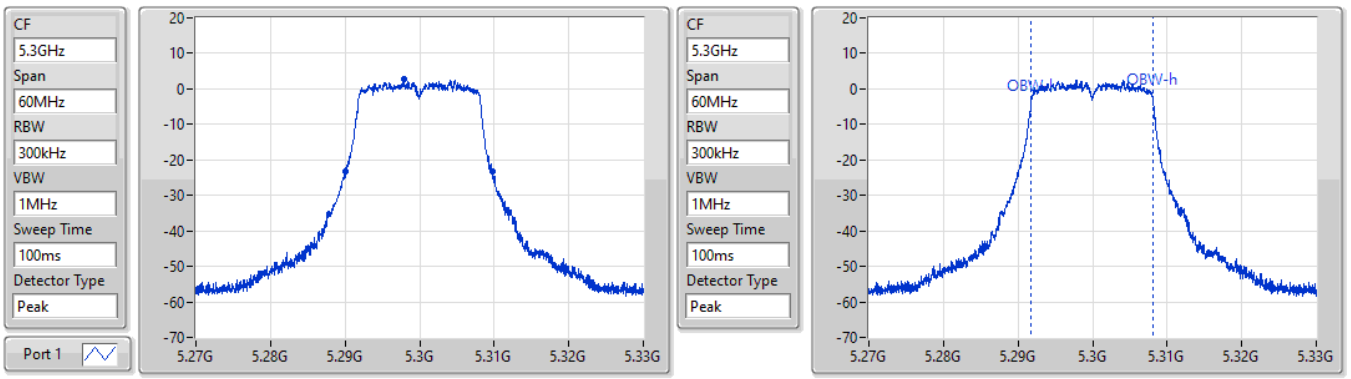


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.56M	5.25004G	5.2696G	16.448M	5.251693G	5.26814G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5300MHz

24/08/2022

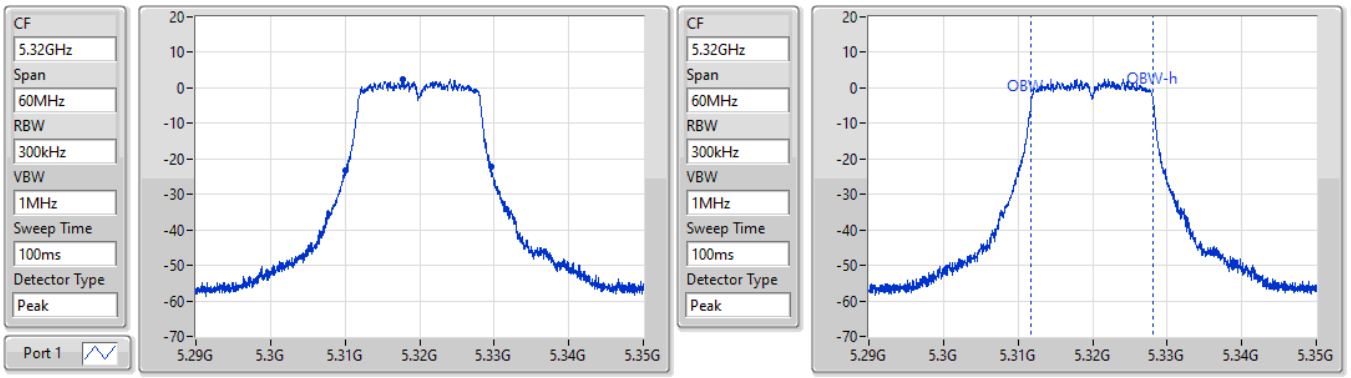


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.74M	5.29001G	5.30975G	16.457M	5.291693G	5.30815G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5320MHz

24/08/2022

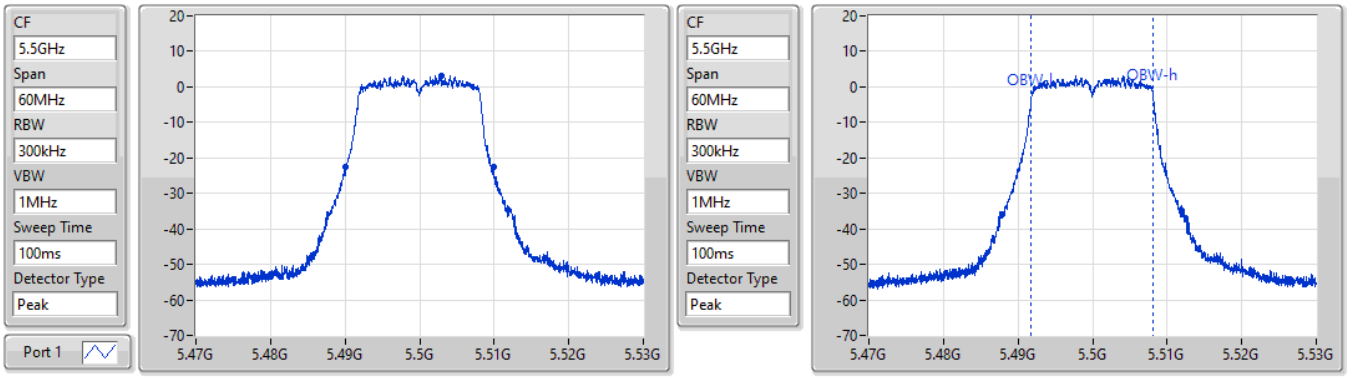


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.59M	5.30998G	5.32957G	16.441M	5.311705G	5.328146G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5500MHz

24/08/2022

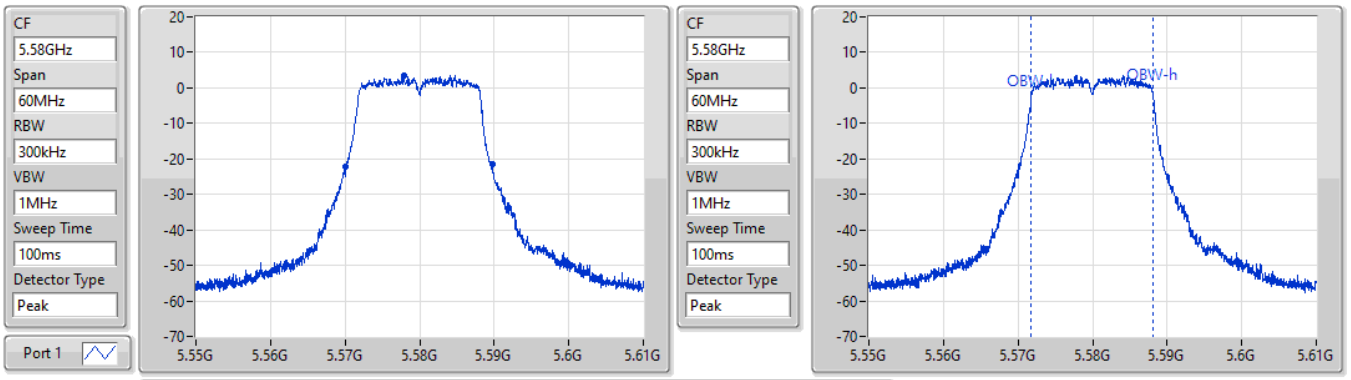


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.89M	5.49004G	5.50993G	16.438M	5.49172G	5.508158G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5580MHz

24/08/2022

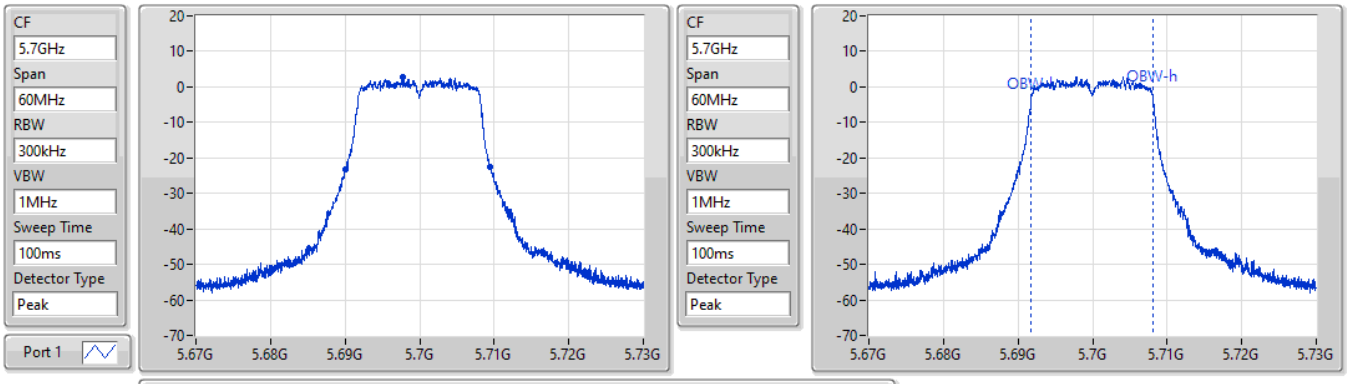


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.62M	5.5701G	5.58972G	16.452M	5.571701G	5.588153G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5700MHz

24/08/2022

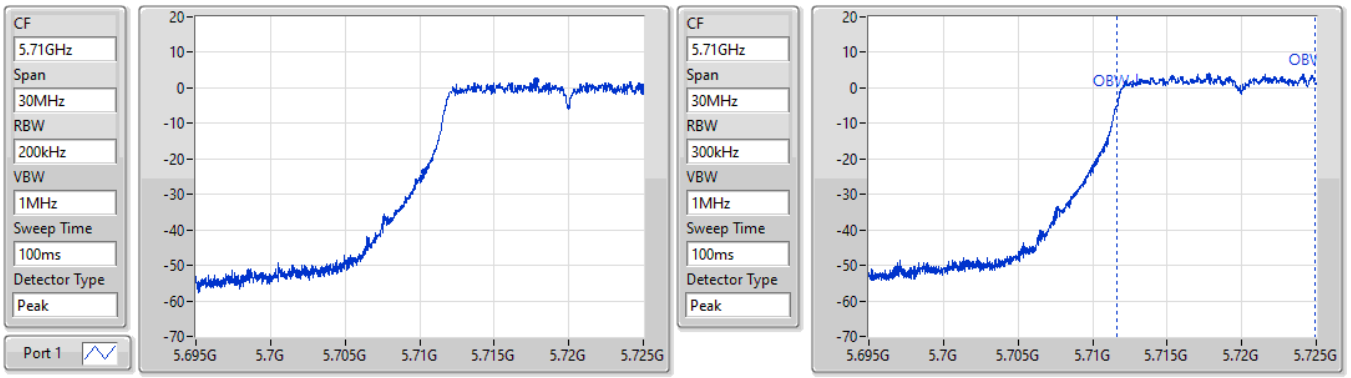


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.68998G	5.70951G	16.437M	5.691698G	5.708135G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

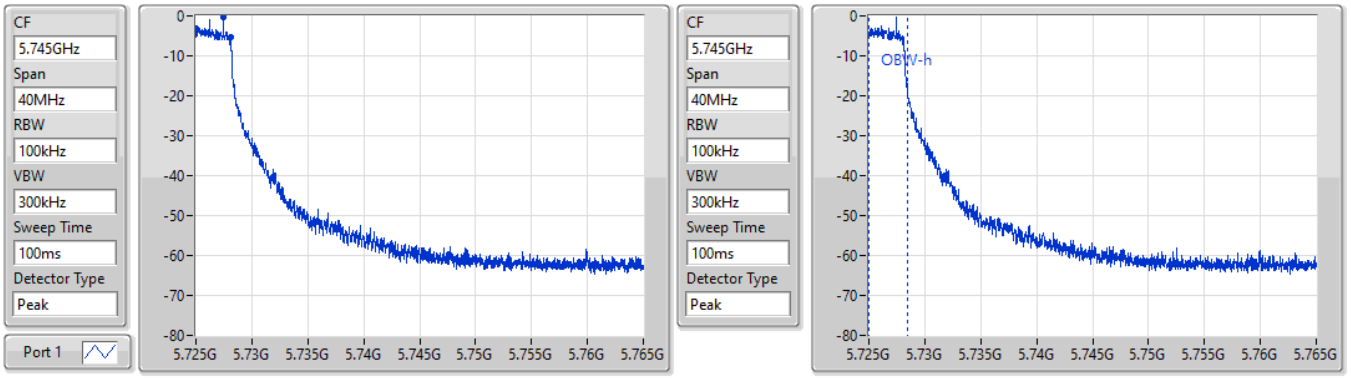


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.745M	5.710255G	5.725G	13.307M	5.711614G	5.724921G	Inf	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

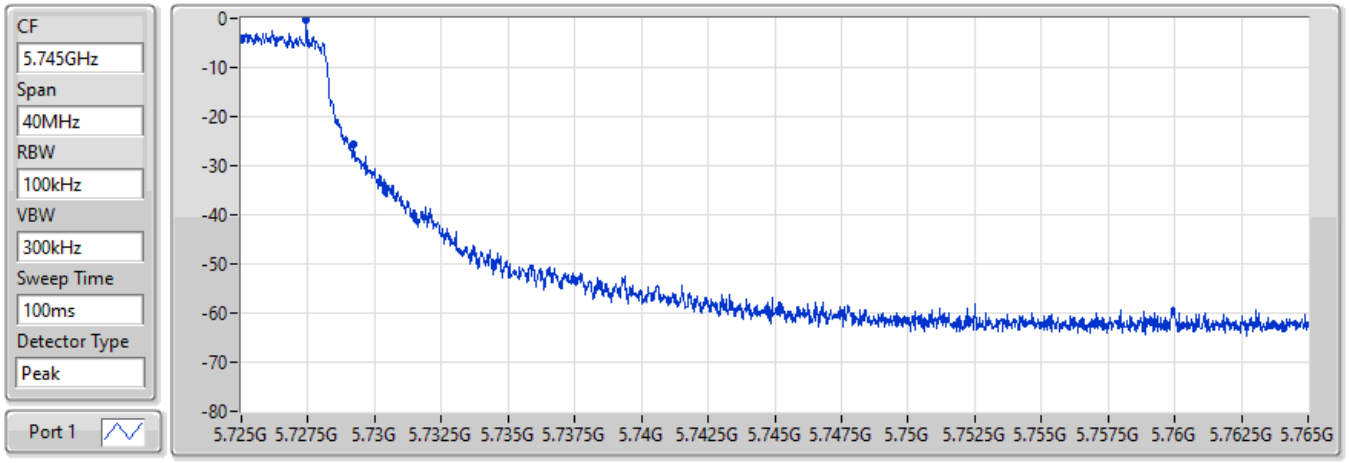


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.1M	5.725G	5.7281G	3.422M	5.725014G	5.728436G	500k	1

802.11a_Nss1,(6Mbps)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

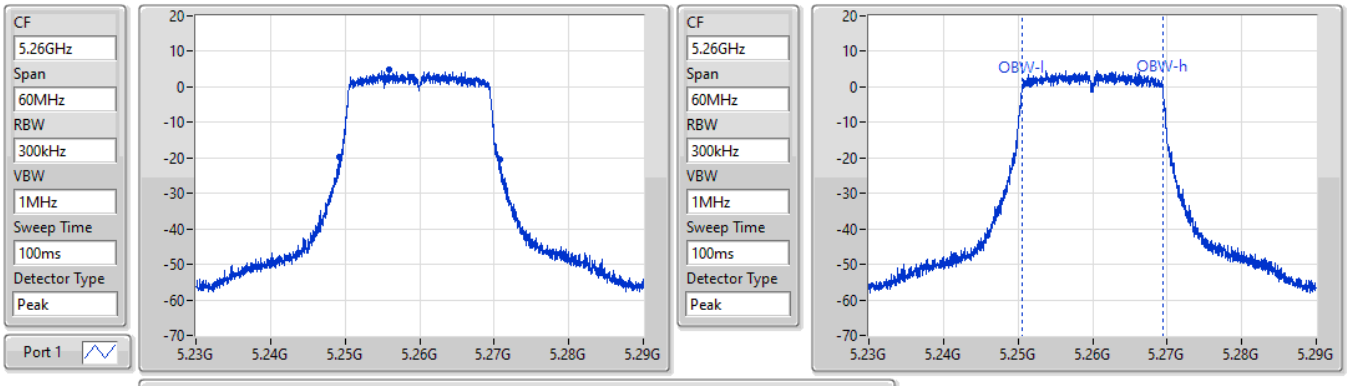


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.18M	5.725G	5.72918G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5260MHz

24/08/2022

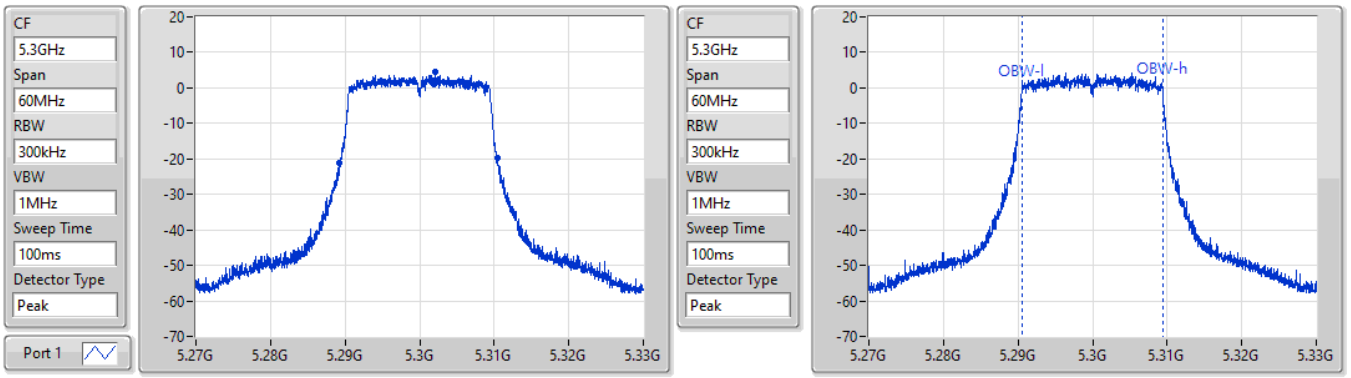


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.24923G	5.27074G	18.936M	5.250482G	5.269418G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5300MHz

24/08/2022

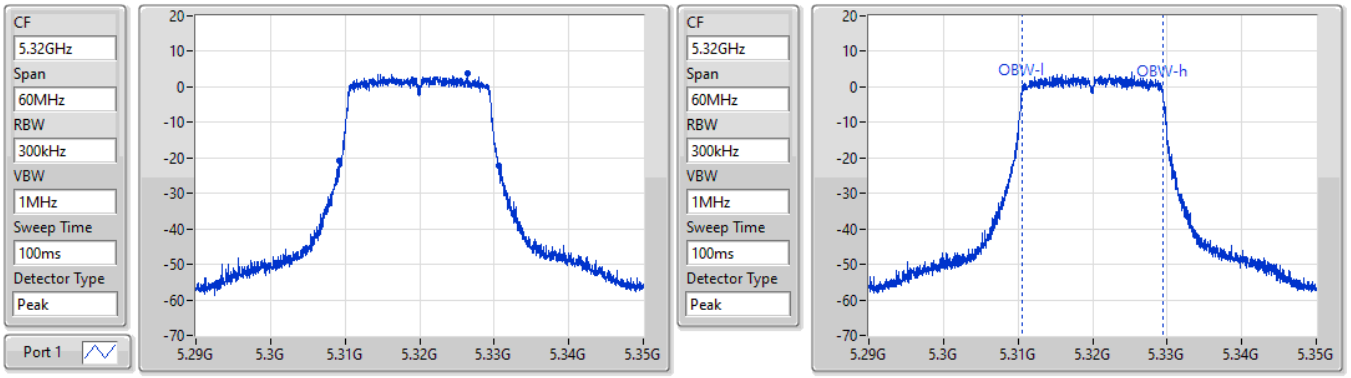


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.2892G	5.31047G	18.936M	5.290477G	5.309412G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5320MHz

24/08/2022

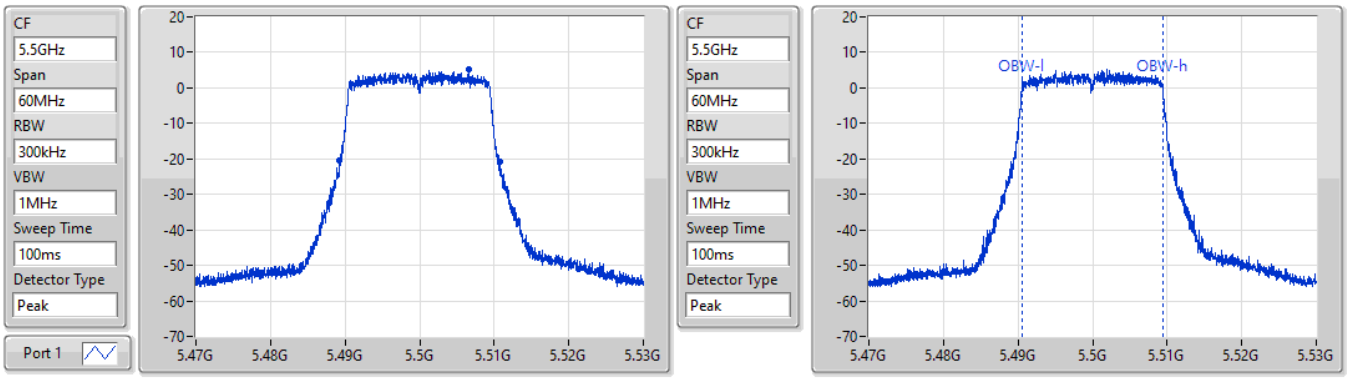


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.30929G	5.33068G	18.95M	5.310481G	5.32943G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5500MHz

24/08/2022

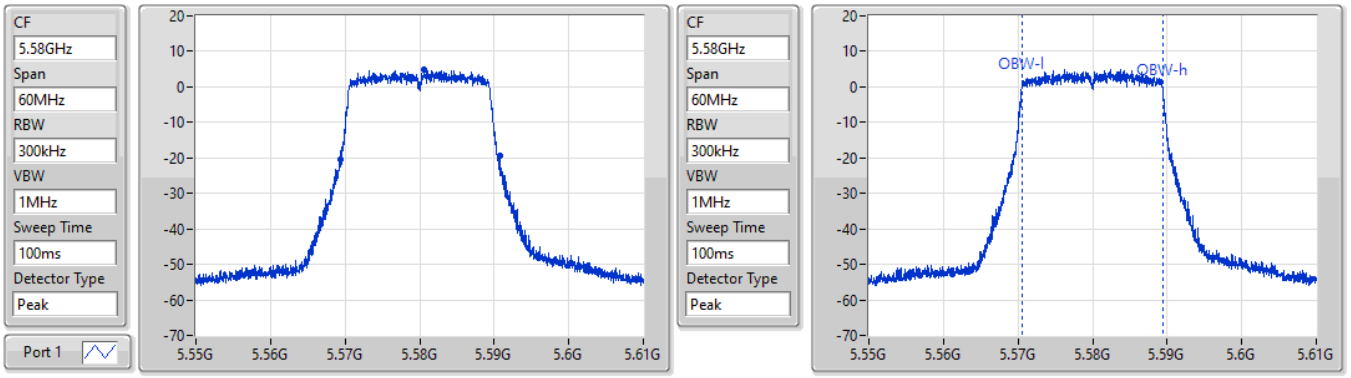


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.48929G	5.51071G	18.937M	5.490488G	5.509425G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5580MHz

24/08/2022

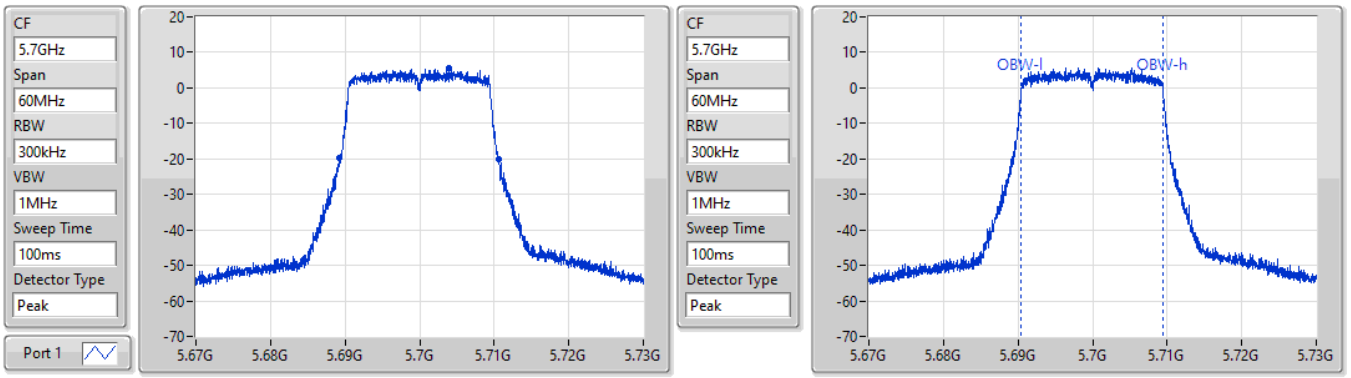


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.42M	5.56932G	5.59074G	18.937M	5.570483G	5.58942G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5700MHz

24/08/2022

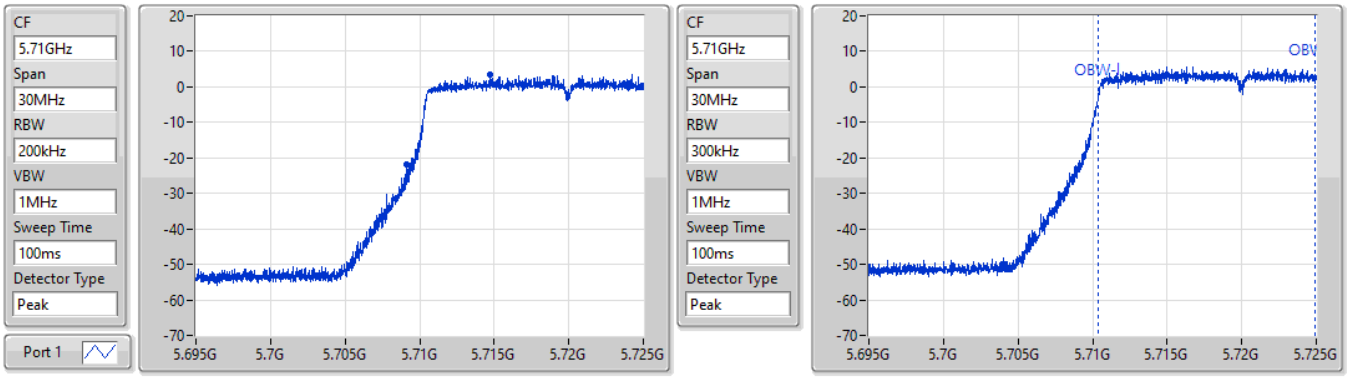


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.68926G	5.71056G	18.949M	5.690471G	5.709421G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.47-5.725GHz

24/08/2022

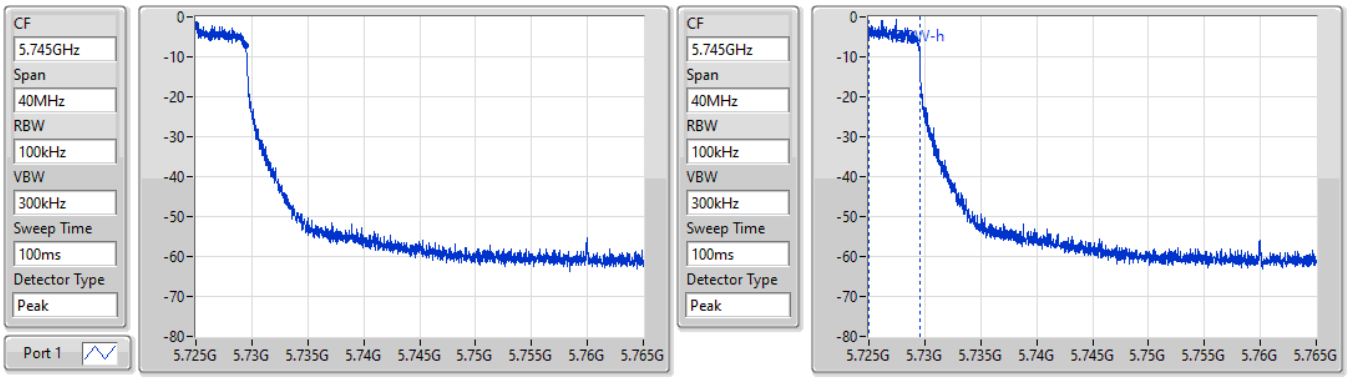


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	5.7091G	5.725G	14.51M	5.710412G	5.724922G	Inf	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

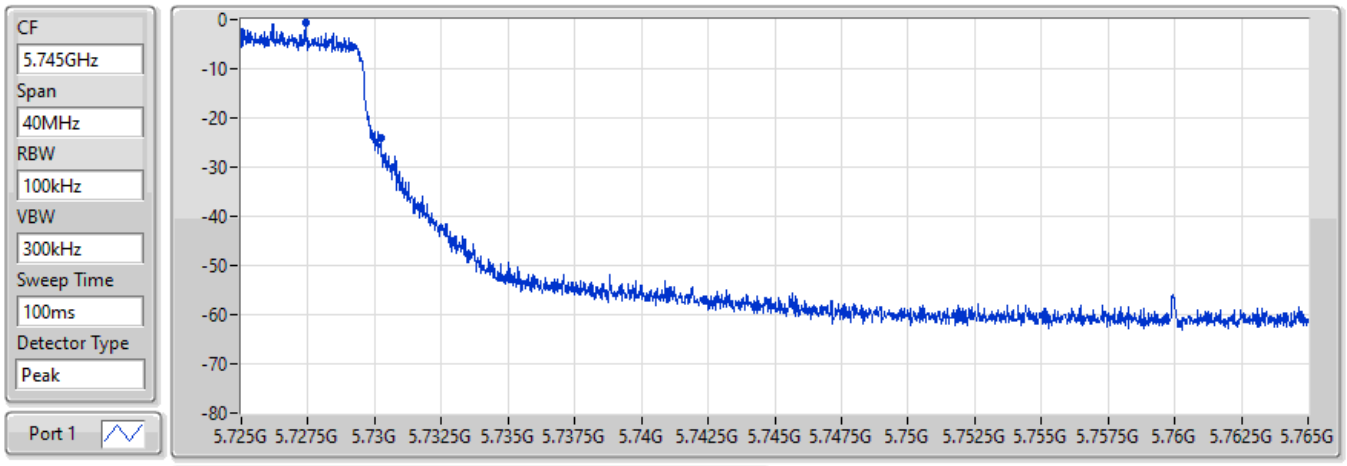


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.44M	5.725G	5.72944G	4.564M	5.725015G	5.729579G	500k	1

802.11ax HEW20_Nss1,(MCS0)_1TX EBW

5720MHz Straddle 5.725-5.85GHz

24/08/2022

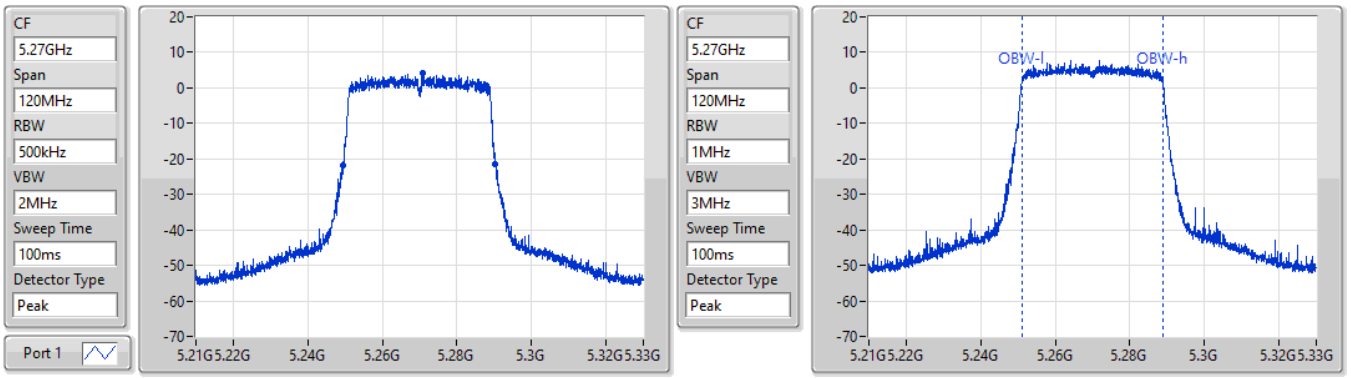


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.24M	5.725G	5.73024G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5270MHz

24/08/2022

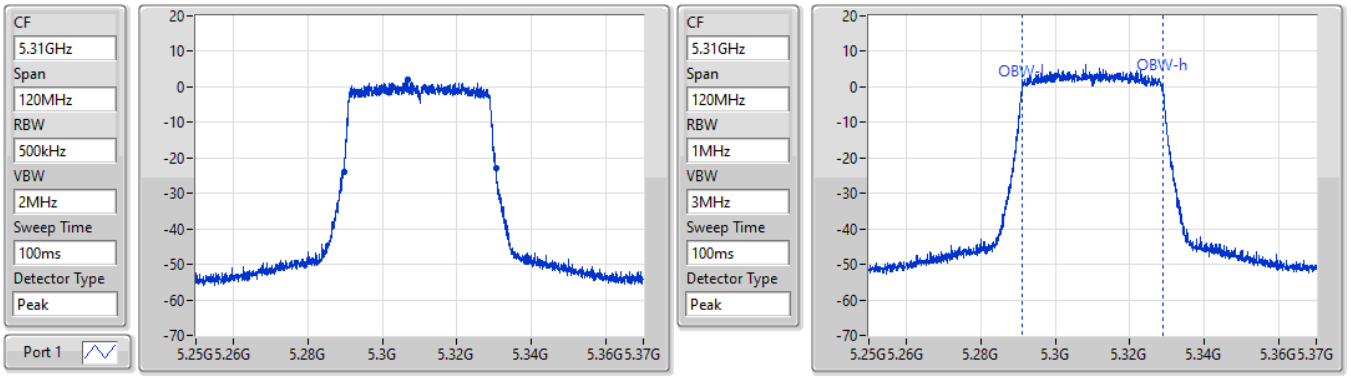


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.24948G	5.29028G	37.906M	5.250974G	5.288879G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5310MHz

24/08/2022

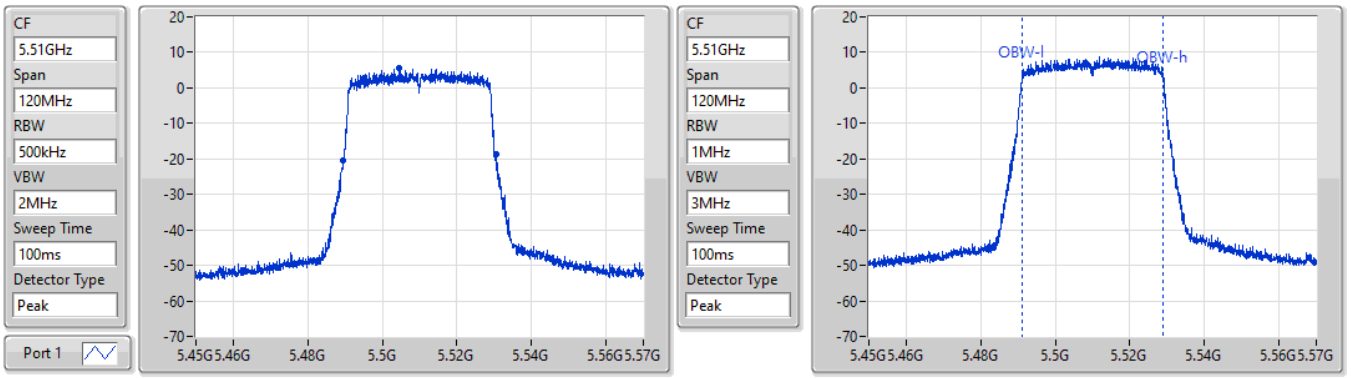


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.28966G	5.3304G	37.953M	5.290976G	5.328929G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5510MHz

24/08/2022

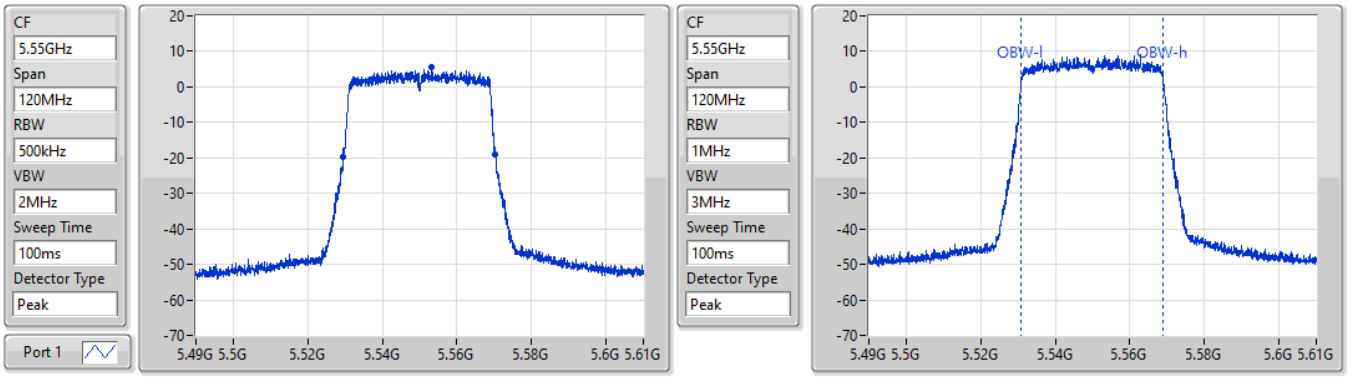


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.48936G	5.53058G	37.951M	5.491031G	5.528982G	Inf	1

802.11ax HEW40_Nss1,(MCS0)_1TX EBW

5550MHz

24/08/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.52948G	5.57034G	37.972M	5.53094G	5.568911G	Inf	1