Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	MSQ-RTAX5X00
Equipment	:	ROG Rapture AX10000 Tri-band Gaming Mesh Router
Brand Name	:	ASUS
Model Name	:	GT6
Applicant	:	ASUSTeK COMPUTER INC. 1F., No. 15, Lide Rd., Beitou, Taipei City 112, Taiwan
Manufacturer (1)	:	Compal Networking(KunShan) CO., LTD No.520,Nan Bang RD., Economic & Technical Development Zone, KunShan,JiangSu,China
Manufacturer (2)	:	ARCADYAN TECHNOLOGY (VIETNAM) CO., LTD. Land plot No. D4-5-6, Thang Long Industrial Park (Vinh Phuc), Thien Ke Commune, Binh Xuyen District, 15000 Vinh Phuc Province, Vietnam
Standard	:	47 CFR FCC Part 15.407

The product was received on Apr. 06, 2022, and testing was started from Apr. 19, 2022 and completed on Jul. 22, 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

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Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR221807AB	01	Initial issue of report	Aug. 01, 2022

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	-

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: Penny Kao

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5725-5895		5845-5885	169-177[3]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5725-5895		5835-5875	167-175[2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5725-5895		5855	171[1]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]
5725-5895		5815	163[1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	4TX
5.15-5.25GHz	802.11n HT20	20	4TX
5.15-5.25GHz	802.11n HT20-BF	20	4TX
5.15-5.25GHz	802.11ac VHT20	20	4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	4TX
5.15-5.25GHz	802.11ax HEW20	20	4TX
5.15-5.25GHz	802.11ax HEW20-BF	20	4TX
5.15-5.25GHz	802.11n HT40	40	4TX
5.15-5.25GHz	802.11n HT40-BF	40	4TX
5.15-5.25GHz	802.11ac VHT40	40	4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	4TX
5.15-5.25GHz	802.11ax HEW40	40	4TX

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

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX
5.725-5.895GHz	802.11a	20	4TX
5.725-5.895GHz	802.11n HT20	20	4TX
5.725-5.895GHz	802.11n HT20-BF	20	4TX
5.725-5.895GHz	802.11ac VHT20	20	4TX
5.725-5.895GHz	802.11ac VHT20-BF	20	4TX
5.725-5.895GHz	802.11ax HEW20	20	4TX
5.725-5.895GHz	802.11ax HEW20-BF	20	4TX
5.725-5.895GHz	802.11n HT40	40	4TX
5.725-5.895GHz	802.11n HT40-BF	40	4TX
5.725-5.895GHz	802.11ac VHT40	40	4TX
5.725-5.895GHz	802.11ac VHT40-BF	40	4TX
5.725-5.895GHz	802.11ax HEW40	40	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.895GHz	802.11ax HEW40-BF	40	4TX
5.725-5.895GHz	802.11ac VHT80	80	4TX
5.725-5.895GHz	802.11ac VHT80-BF	80	4TX
5.725-5.895GHz	802.11ax HEW80	80	4TX
5.725-5.895GHz	802.11ax HEW80-BF	80	4TX
5.725-5.895GHz	802.11ac VHT160	160	4TX
5.725-5.895GHz	802.11ac VHT160-BF	160	4TX
5.725-5.895GHz	802.11ax HEW160	160	4TX
5.725-5.895GHz	802.11ax HEW160-BF	160	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- 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

Ant.	Port				Brand Name	Model Name	Antenna Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz UNII 1~2A	WLAN 5GHz UNII 2C~4 (Mode 1)	WLAN 5GHz UNII 2C~4 (Mode 2)					
1	2	4	-	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	Note1
2	1	3	-	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
3	-	2	-	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
4	-	1	-	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
5	-	-	4	4	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
6	-	-	1	1	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
7	-	-	3	3	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
8	-	-	2	-	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	
9	-	-	-	2	LYNwave	MLX22M-121AA1-A	Dipole	I-PEX	

Note1: **<Antenna gain>**

Ant.	Port				Gain(dBi)								
					WLAN 5GHz								
	WLAN 2.4GHz	WLAN 5GHz UNII 1~2A	WLAN 5GHz UNII 2C~4 (Mode 1)	WLAN 5GHz UNII 2C~4 (Mode 2)	WLAN 2.4GHz	UNII 1	UNII 2A	UNII 2C		UNII 3		UNII 4	
								Mode1	Mode2	Mode1	Mode2	Mode1	Mode2
1	2	4	-	-	4.1	3.53	3.81	-	-	-	-	-	-
2	1	3	-	-	3.39	3.26	4.32	-	-	-	-	-	-
3	-	2	-	-	-	2.32	2.96	-	-	-	-	-	-
4	-	1	-	-	-	2.31	2.44	-	-	-	-	-	-
5	-	-	4	4	-	-	-	1.43	1.43	2.08	2.08	2.5	2.5
6	-	-	1	1	-	-	-	1.66	1.66	1.91	1.91	2.89	2.89
7	-	-	3	3	-	-	-	2.8	2.8	3.51	3.51	3.79	3.79
8	-	-	2	-	-	-	-	2.55	-	3.36	-	3.65	-
9	-	-	-	2	-	-	-	-	3.64	-	3.64	-	3.29

<Directional Gain>

Item	WLAN 2.4GHz	Directional Gain(dBi)							
		WLAN 5GHz							
		UNII 1	UNII 2A	UNII 2C		UNII 3		UNII 4	
				Mode1	Mode2	Mode1	Mode2	Mode1	Mode2
2T1S	6.01	-	-	-	-	-	-	-	-
2T2S	4.1	-	-	-	-	-	-	-	-
4T1S	-	6.24	6.43	6.13	4.83	7.23	5.25	6.76	4.95
4T2S	-	-	4.32	-	-	4.23	3.64	3.79	3.79

Note2: The above information (except gain) was declared by manufacturer.
The directional gain is measured which follows the procedure of KDB 662911 D03.
Note3: Mode1 was Ant.5~7+Ant.8 and Mode 2 was Ant. 5~7+Ant.9.
Note4: The EUT support the antenna with TX/RX diversity functions. Both Ant.8 and Ant.9 can be used as transmitting and receiving antennas, but only one of them will be used at one time.
Ant. 8 generated be the worst case, so it was selected to test and recorded in the report
For 2.4GHz function:
For IEEE 802.11b/g/n/VHT/ax (2TX/2RX):
Port 1 and Port 2 can be used as transmitting/receiving antenna.
Port 1 and Port 2 could transmit/receive simultaneously.
For 5GHz function:
For IEEE 802.11a/n/ac/ax (4TX/4RX):
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.
Port 1, Port 2, Port 3 and Port 4 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

< UNII 1~2A >
Non-beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.987	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)

Beamforming mode
4T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.956	0.2	2.928m	1k
802.11ax HEW40-BF	0.967	0.15	4.36m	300
802.11ax HEW80-BF	0.95	0.22	4.145m	300
802.11ax HEW160-BF	0.926	0.33	5.368m	300

< UNII 2A >
4T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF	0.984	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80-BF	0.896	0.48	4.84m	300

< UNII 2C~3 >
Non-beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)

Beamforming mode
4T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.928	0.32	2.928m	1k
802.11ax HEW40-BF	0.961	0.17	4.36m	300
802.11ax HEW80-BF	0.964	0.16	6.9m	300
802.11ax HEW160-BF	0.951	0.22	4.815m	300

< UNII 3 >
4T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.976	0.11	4.368m	300
802.11ax HEW40-BF	0.974	0.11	5.083m	300
802.11ax HEW80-BF	0.97	0.13	4.832m	300

< UNII 4 >
Non-beamforming mode

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.99	0.04	n/a (DC>=0.98)	n/a (DC>=0.98)

Beamforming mode
4T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.928	0.32	2.928m	1k
802.11ax HEW40-BF	0.961	0.17	4.36m	300
802.11ax HEW80-BF	0.967	0.15	4.145m	300
802.11ax HEW160-BF	0.951	0.22	4.815m	300

4T2S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.847	0.72	4.368m	300
802.11ax HEW40-BF	0.966	0.15	5.085m	300
802.11ax HEW80-BF	0.976	0.11	5.005m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 11n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
	☒	Point-to-multipoint	☐	Point-to-point
Device Type (UNII 4)	☒	Indoor Access Point	☐	Subordinate
	☐	Indoor Client		
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	M-TOOL V3.2.1.5			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT supports functions

Function	Support Type
AP Router	Master
Bridge	Slave without radar detection
Repeater	Master
Mesh	Master

Note 1: After evaluating, AP Router was selected to test and record in the report.
Note 2: The above information was declared by manufacturer.

1.2 Applicable Standards

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

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

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

- FCC KDB 662911 D03 v01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01
- FCC KDB 291074 D02 v01

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	TH03-CB	Owen Hsu	23.9-24.1 / 56-62	Jun. 11, 2022~ Jun. 27, 2022
Radiated below 1GHz	03CH06-CB	Stim Sung	24.4-25.5 / 55-58	May 28, 2022~ Jul. 15, 2022
Radiated above 1GHz	03CH02-CB	Stim Sung	23.8-24.9 / 55-58	May 28, 2022~ Jul. 15, 2022
	03CH04-CB		24.5-25.6 / 56-59	
Radiated For co-location test	03CH06-CB	Stim Sung	24.4-25.5 / 55-58	Jul. 22, 2022
AC Conduction	CO01-CB	Joe Chu	20~22 / 60~62	Apr. 19, 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)

Test Date: Before Jun. 01, 2022

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.2 dB	Confidence levels of 95%

Test Date: After May 31, 2022

Test Items	Uncertainty	Remark
Radiated Emission (9kHz ~ 30MHz)	3.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 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

<UNII 1~2A>

Non-beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	92
5200MHz	90
5240MHz	91
5260MHz	61
5300MHz	63
5320MHz	68

Beamforming mode

4T1S

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	91
5200MHz	91
5240MHz	89
5260MHz	60
5300MHz	62
5320MHz	67
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	91
5230MHz	89
5270MHz	61
5310MHz	66
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	91
5290MHz	65
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	72
5250MHz Straddle 5.25-5.35GHz	72

4T2S

Mode	Power Setting
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-
5260MHz	62
5300MHz	63
5320MHz	69
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-
5270MHz	63
5310MHz	68
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-
5290MHz	67

<UNII 2C~3>

Non-beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5500MHz	70
5580MHz	66
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	67
5720MHz Straddle 5.725-5.85GHz	67
5745MHz	94
5785MHz	91
5825MHz	92

Beamforming mode

4T1S

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5500MHz	70
5580MHz	65
5700MHz	66
5720MHz Straddle 5.47-5.725GHz	67
5720MHz Straddle 5.725-5.85GHz	67
5745MHz	88
5785MHz	85
5825MHz	86
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5510MHz	69
5550MHz	65
5670MHz	65
5710MHz Straddle 5.47-5.725GHz	69
5710MHz Straddle 5.725-5.85GHz	69
5755MHz	88
5795MHz	85
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5530MHz	68
5610MHz	65
5690MHz Straddle 5.47-5.725GHz	67
5690MHz Straddle 5.725-5.85GHz	67
5775MHz	89
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5570MHz	65

4T2S

Mode	Power Setting
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-
5745MHz	94
5785MHz	90
5825MHz	91
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-
5755MHz	93
5795MHz	90
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-
5775MHz	93

<UNII 4>

Non-beamforming mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5845MHz	81
5865MHz	82
5885MHz	82

Beamforming mode

4T1S

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5845MHz	81
5865MHz	83
5885MHz	70
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5835MHz	91
5875MHz	91
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5690MHz Straddle 5.725-5.895GHz	
5855MHz	91
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5815MHz	80

4T2S

Mode	Power Setting
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-
5845MHz	92
5865MHz	93
5885MHz	70
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-
5835MHz	103
5875MHz	103
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-
5690MHz Straddle 5.725-5.895GHz	
5855MHz	104

Note:

- 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.

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	Normal Link
1	EUT + Adapter 1
2	EUT + Adapter 2
For operating mode 2 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
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
	The EUT was performed in X axis, Y axis and Z axis for Radiated measurement above 1GHz test. The worst case was found in Y axis for 2.4GHz&5GHz low band and in X axis for 5GHz high band. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis + 2.4GHz + Adapter 1
2	EUT in Y axis + 2.4GHz + Adapter 2
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~4 will follow this same test mode.	
3	EUT in Y axis + 5GHz UNII 1, 2A + Adapter 1
4	EUT in X axis + 5GHz UNII 2C~4 + Adapter 1
For operating mode 1 is the worst case and it was record in this test report.	

Operating Mode > 1GHz	CTX
	The EUT was performed at X axis, Y axis and Z axis position, and the worst case as below:
1	EUT in Y axis_5GHz UNII 1, 2A
2	EUT in X axis_5GHz UNII 2C~4 4T1S
3	EUT in Y axis_5GHz UNII 2C~4 4T2S

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
	The EUT was performed in X axis, Y axis and Z axis for Radiated measurement above 1GHz test. The worst case was found in Y axis. Thus, the measurement will follow this same test configuration.
1	EUT in Y axis + WLAN 2.4GHz + WLAN 5GHz UNII 1, 2A
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	WLAN 2.4GHz + WLAN 5GHz UNII 1, 2A + WLAN 5GHz UNII 2C~4
Refer to Sporton Test Report No.: FA221807 for Co-location RF Exposure Evaluation.	

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under M-TOOL V3.2.1.5.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

For Normal Link Mode:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories					
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**	**Remark**
1	Adapter 1	DELTA	ADP-45FE F	INPUT: 100-240V~1.2A, 50-60Hz OUTPUT: 19V, 2.37A	With the DC cable: Non-shielded, 1.6m
2	Adapter 2	AcBel	ADH011	INPUT: 100-240V~1.4A, 50-60Hz OUTPUT: 19.5V, 2.31A, 45W MAX	With the DC cable: Non-shielded, 1.6m
Others					
RJ-45 cable*1: Non-shielded, 1.5m Power cord*2: Non-shielded, 0.8m					

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN 1 NB	DELL	E6430	N/A
B	WAN PC	DELL	T3400	N/A
C	LAN 3 NB	DELL	E6430	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G L NB	DELL	E6430	N/A
F	5G H NB	DELL	E6430	N/A
G	Flash disk3.0	Transcend	JetFlash-700	N/A

For Radiated (below 1GHz), Radiated (above 1GHz) Non-beamforming mode and RF Conducted:

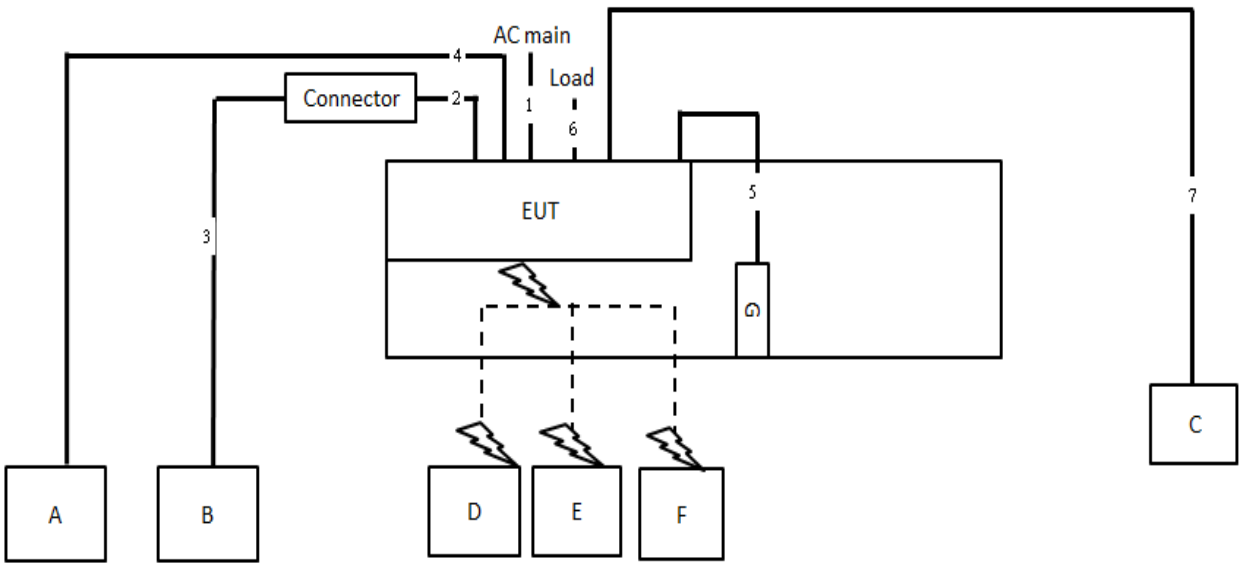
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A

For Radiated (above 1GHz) Beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	RX Device	ASUS	ET12	MSQ-RTAXE4P00

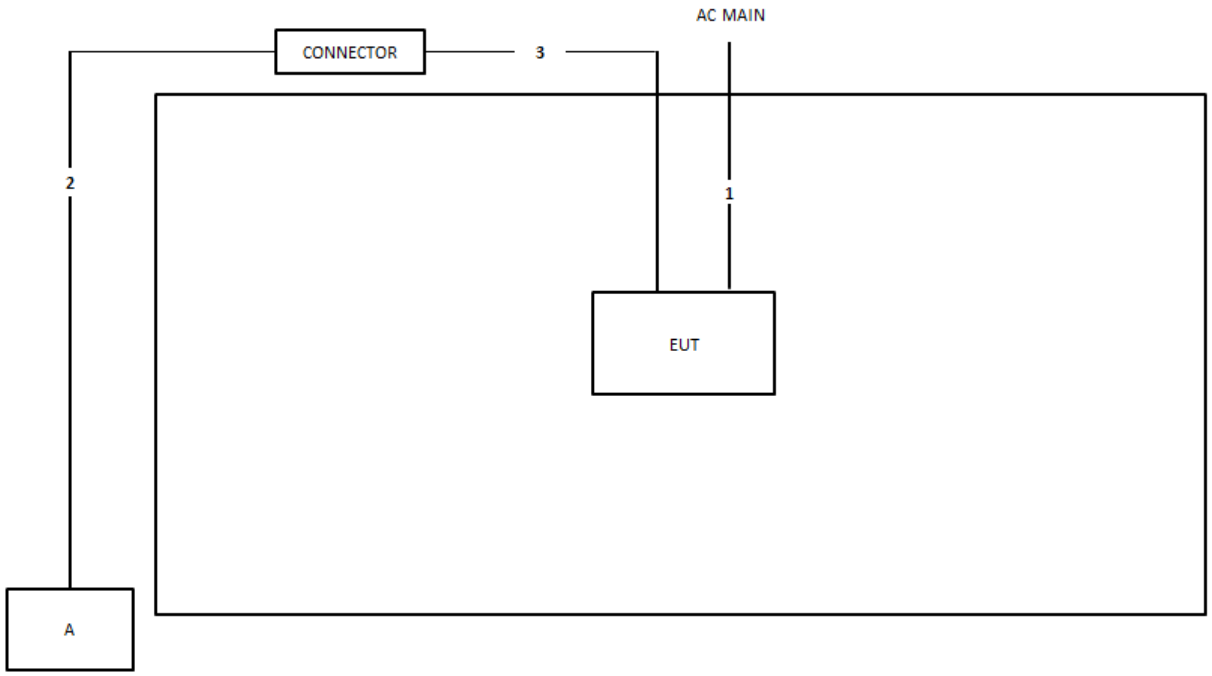
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



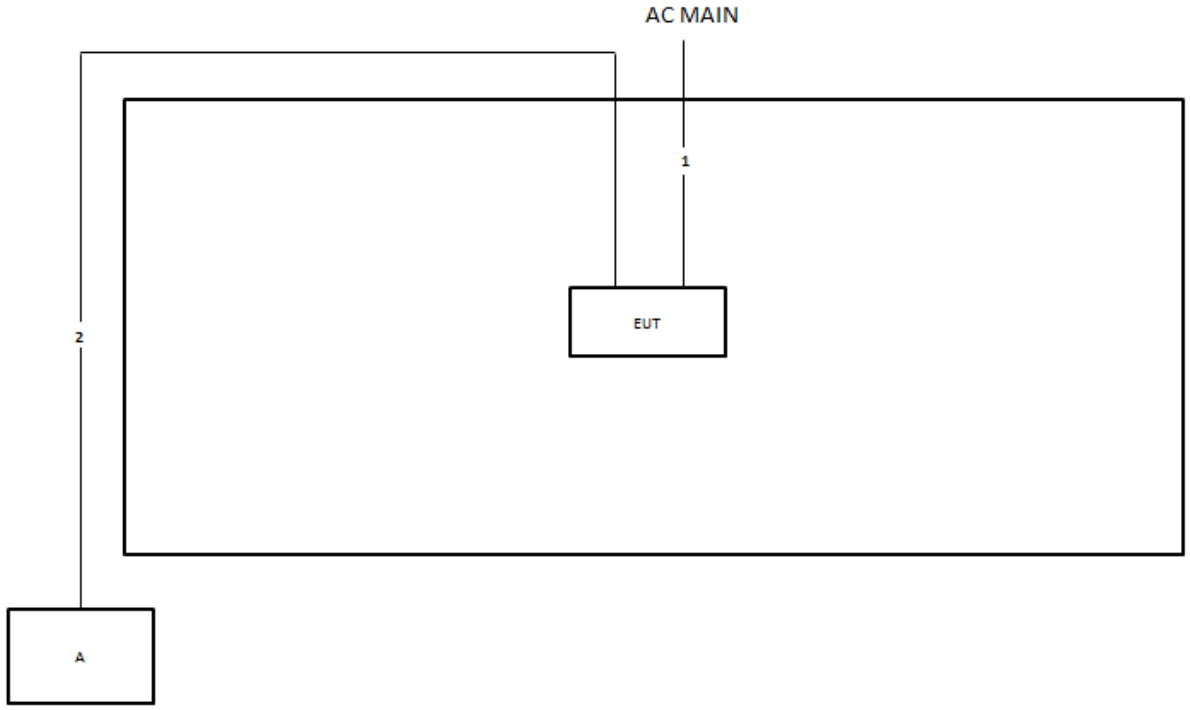
Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	USB cable	Yes	1.8m
6	RJ-45 cable	No	1.5m
7	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



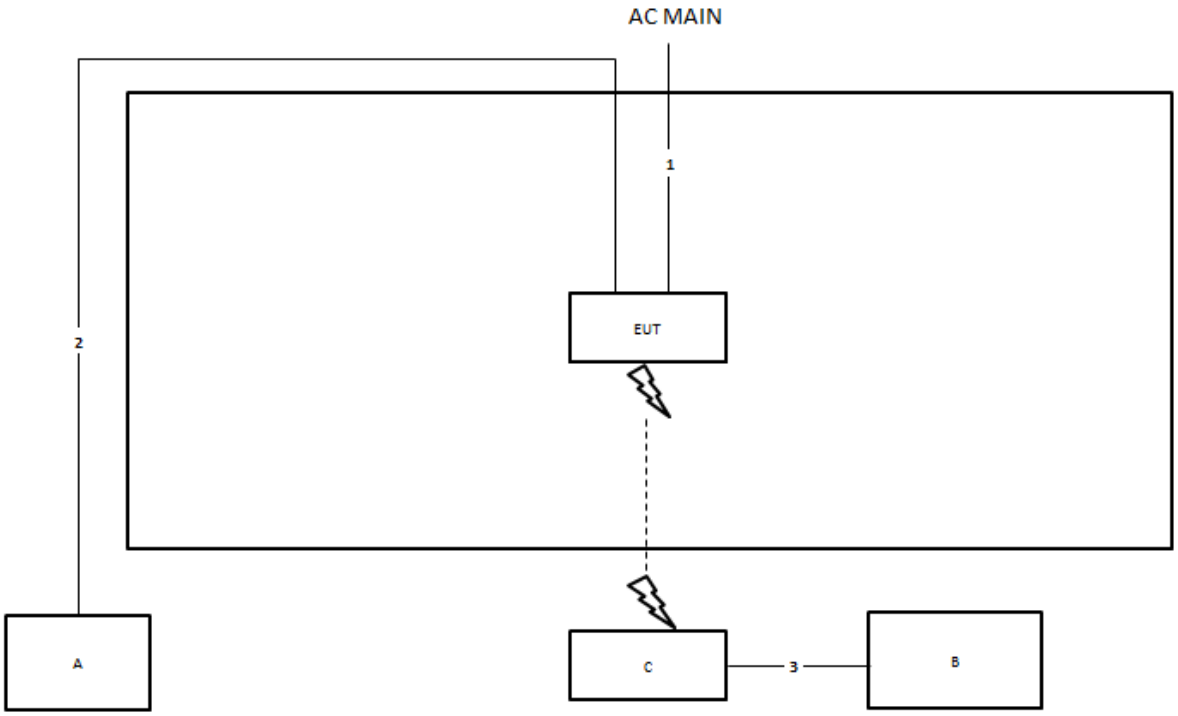
Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz
Non-beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz
Beamforming mode



Item	Connection	Shielded	Length
1	Power cable	No	2.4m
2	RJ-45 cable	No	10m
3	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

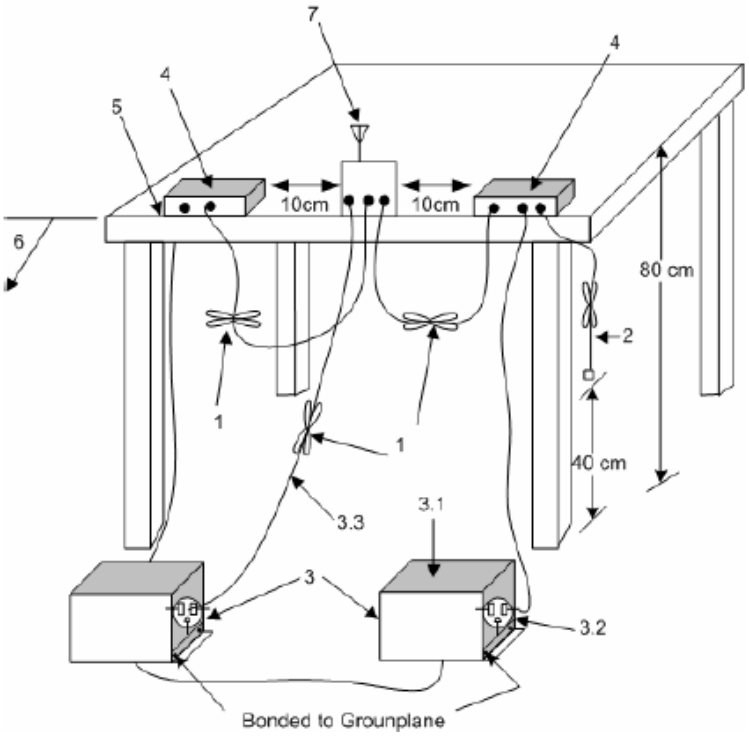
Refer a test equipment and calibration data table in this test report.

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.

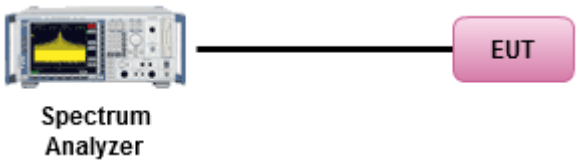
3.2.2 Measuring Instruments

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


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

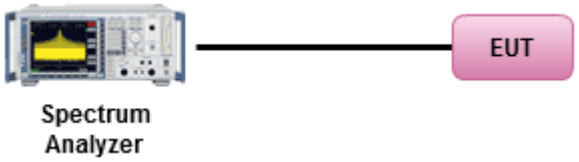
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

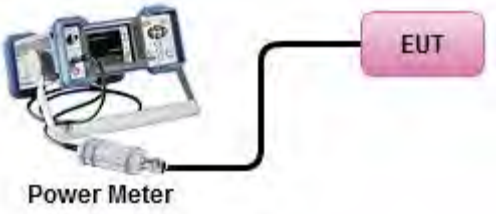
Test Method	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033 D02, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033 D02, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty 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

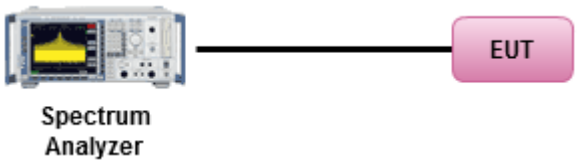
Refer a test equipment and calibration data table in this test report.

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.

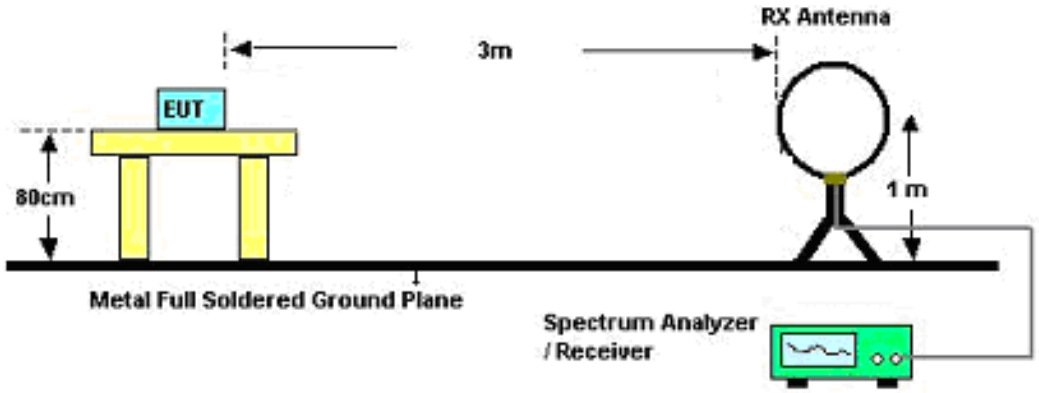
3.5.3 Test Procedures

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

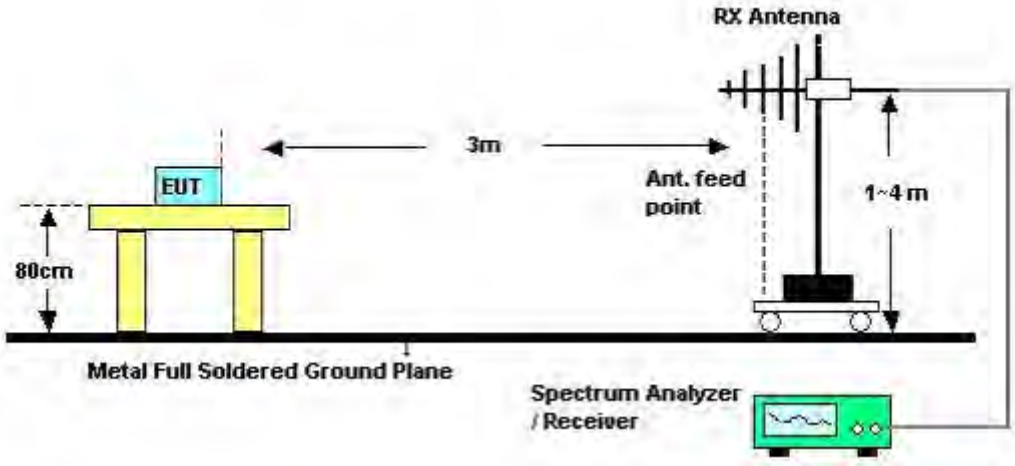
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

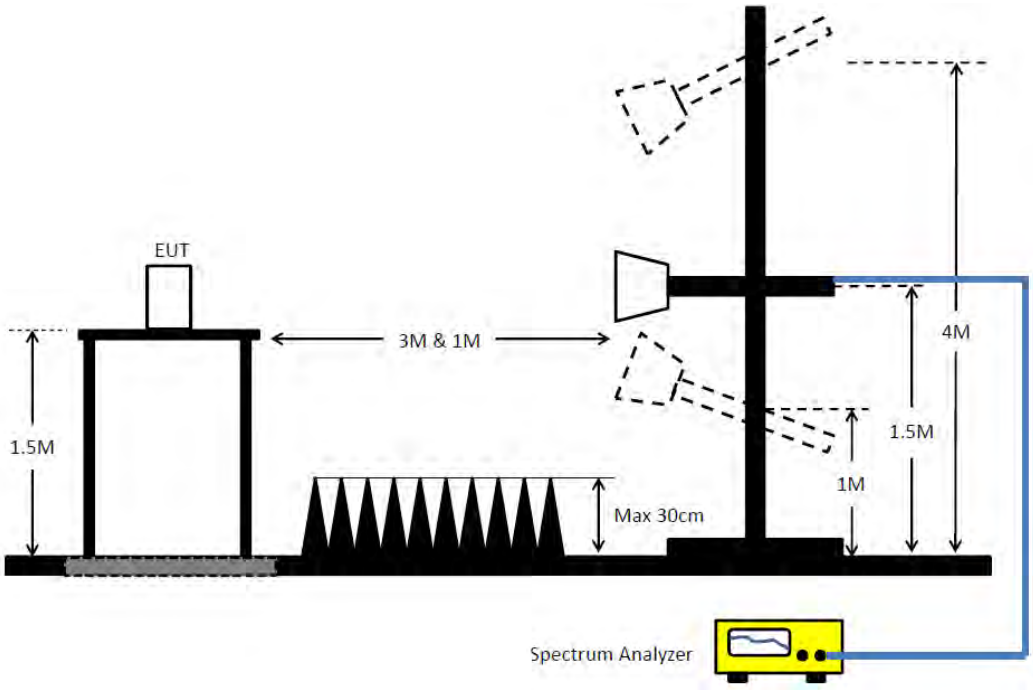
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



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 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz	Mar. 26, 2022	Mar. 25, 2023	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 19, 2022	Apr. 18, 2023	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH02-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH02-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 24, 2022	Feb. 23, 2023	Radiation (03CH04-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 25, 2021	Oct. 24, 2022	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 12, 2021	Jul. 11, 2022	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 01, 2022	Jun. 30, 2023	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH04-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Mar. 28, 2022	Mar. 27, 2023	Radiation (03CH04-CB
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+67	1GHz - 18GHz	Oct. 04, 2021	Oct. 03, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#5+7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB
High Cable	Woken	WCA0929M	40G#5	1GHz ~ 40 GHz	Dec. 08, 2021	Dec. 07, 2022	Radiation (03CH04-CB)
High Cable	Woken	WCA0929M	40G#7	1GHz ~ 40 GHz	Dec. 14, 2021	Dec. 13, 2022	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	May 14, 2022	May 13, 2023	Radiation (03CH06-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH06-CB	30 MHz ~ 1 GHz	Aug. 09, 2021	Aug. 08. 2022	Radiation (03CH06-CB)
3m Semi Anechoic Chamber VSWR	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 01, 2021	Sep. 30, 2022	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Jul. 31, 2021	Jul. 30, 2022	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Aug. 04, 2021	Aug. 03, 2022	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 05, 2021	Aug. 04, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	310N	187290	0.1MHz ~ 1GHz	Nov. 04, 2021	Nov. 03, 2022	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	SGH5265	20211115-1	1GHz ~ 26.5GHz	Jan. 19, 2022	Jan. 18, 2023	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 13, 2021	Jul. 12, 2022	Radiation (03CH06-CB)
Pre-Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 21, 2022	Jun. 20, 2023	Radiation (03CH06-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Dec. 24, 2021	Dec. 23, 2022	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 21, 2021	Jun. 20, 2022	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	Jun. 17, 2022	Jun. 16, 2023	Radiation (03CH06-CB)
RF Cable-low	Woken	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 04, 2021	Oct. 03, 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	101028	9kHz~40GHz	Jan. 07, 2022	Jan. 06, 2023	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 22, 2021	Aug. 21, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz –18 GHz	Oct. 04, 2021	Oct. 03, 2022	Conducted (TH03-CB)
Switch	SPTCB	SP-SWI	SWI-03	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P1	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P2	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P3	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P4	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	SWI-03-P5	1 GHz –26.5 GHz	Dec. 13, 2021	Dec. 12, 2022	Conducted (TH03-CB)

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

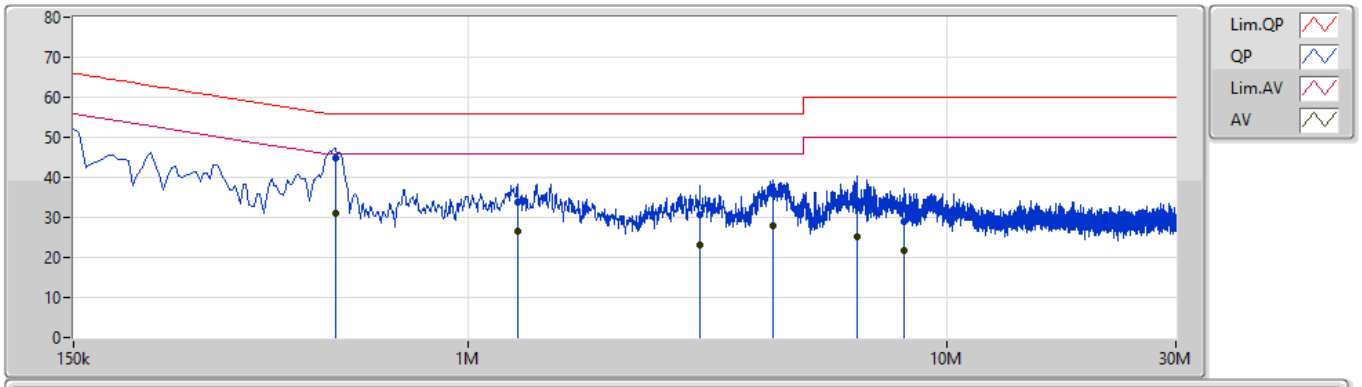
Note: Calibration Interval of instruments listed above is one year.
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 2	Pass	AV	514.5k	39.04	46.00	-6.96	Neutral

Mode 2

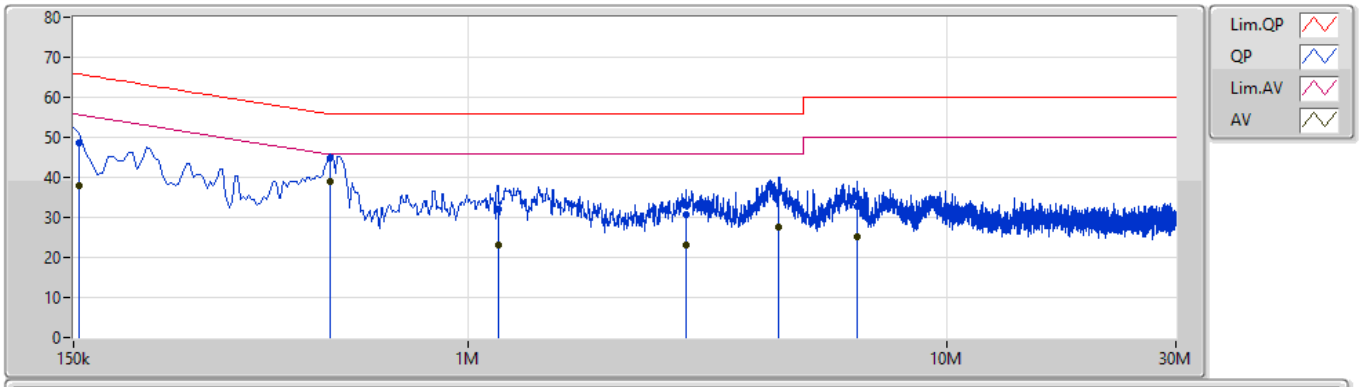
19/04/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	528k	44.66	56.00	-11.34	10.04	Line	"Worst"	34.62	0.13	0.02	9.89
AV	528k	30.98	46.00	-15.02	10.04	Line	-	20.94	0.13	0.02	9.89
QP	1.266M	33.84	56.00	-22.16	10.07	Line	-	23.77	0.15	0.03	9.89
AV	1.266M	26.44	46.00	-19.56	10.07	Line	-	16.37	0.15	0.03	9.89
QP	3.044M	30.85	56.00	-25.15	10.16	Line	-	20.69	0.21	0.06	9.89
AV	3.044M	23.23	46.00	-22.77	10.16	Line	-	13.07	0.21	0.06	9.89
QP	4.322M	35.85	56.00	-20.15	10.20	Line	-	25.65	0.24	0.07	9.89
AV	4.322M	27.95	46.00	-18.05	10.20	Line	-	17.75	0.24	0.07	9.89
QP	6.468M	33.37	60.00	-26.63	10.26	Line	-	23.11	0.29	0.07	9.90
AV	6.468M	25.30	50.00	-24.70	10.26	Line	-	15.04	0.29	0.07	9.90
QP	8.151M	28.82	60.00	-31.18	10.30	Line	-	18.52	0.32	0.07	9.91
AV	8.151M	21.65	50.00	-28.35	10.30	Line	-	11.35	0.32	0.07	9.91

Mode 2

19/04/2022



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	154.5k	48.58	65.75	-17.17	10.07	Neutral	-	38.51	0.16	0.02	9.89
AV	154.5k	38.04	55.75	-17.71	10.07	Neutral	-	27.97	0.16	0.02	9.89
QP	514.5k	44.99	56.00	-11.01	10.07	Neutral	-	34.92	0.16	0.02	9.89
AV	514.5k	39.04	46.00	-6.96	10.07	Neutral	"Worst"	28.97	0.16	0.02	9.89
QP	1.154M	32.16	56.00	-23.84	10.09	Neutral	-	22.07	0.17	0.03	9.89
AV	1.154M	22.94	46.00	-23.06	10.09	Neutral	-	12.85	0.17	0.03	9.89
QP	2.846M	30.73	56.00	-25.27	10.16	Neutral	-	20.57	0.21	0.06	9.89
AV	2.846M	23.20	46.00	-22.80	10.16	Neutral	-	13.04	0.21	0.06	9.89
QP	4.457M	36.06	56.00	-19.94	10.19	Neutral	-	25.87	0.23	0.07	9.89
AV	4.457M	27.56	46.00	-18.44	10.19	Neutral	-	17.37	0.23	0.07	9.89
QP	6.468M	32.67	60.00	-27.33	10.23	Neutral	-	22.44	0.26	0.07	9.90
AV	6.468M	25.03	50.00	-24.97	10.23	Neutral	-	14.80	0.26	0.07	9.90

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.8M	17.391M	17M4D1D	22.2M	17.031M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.59M	17.421M	17M4D1D	21.45M	16.912M

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

Result

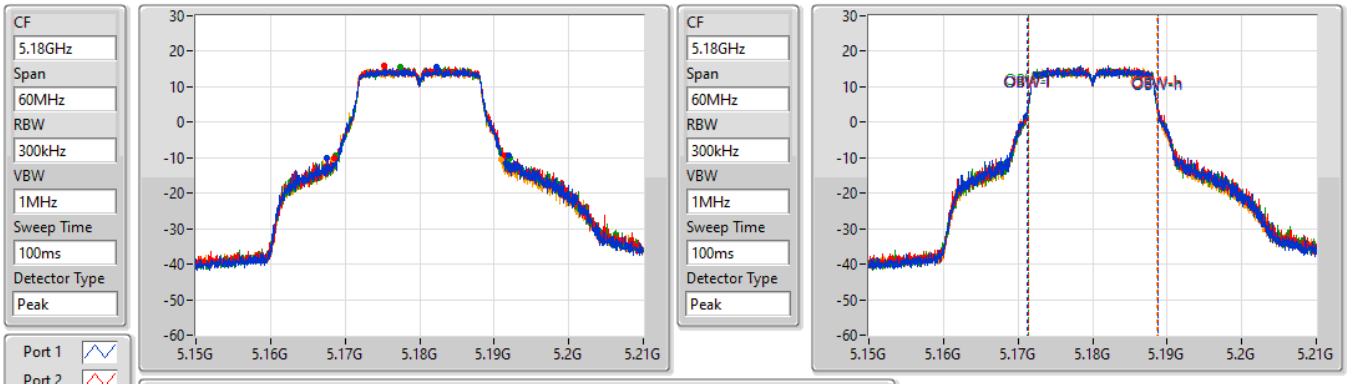
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	24.42M	17.391M	22.89M	17.331M	23.4M	17.271M	22.5M	17.241M
5200MHz	Pass	Inf	25.56M	17.271M	24.39M	17.181M	25.8M	17.211M	22.2M	17.061M
5240MHz	Pass	Inf	22.8M	17.181M	22.47M	17.151M	23.88M	17.091M	25.29M	17.031M
5260MHz	Pass	Inf	21.72M	17.091M	21.66M	17.091M	21.48M	16.972M	21.45M	16.912M
5300MHz	Pass	Inf	21.63M	17.121M	21.78M	17.031M	21.48M	17.001M	21.45M	16.972M
5320MHz	Pass	Inf	24.54M	17.421M	24.24M	17.391M	24.54M	17.271M	25.59M	17.361M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

10/06/2022

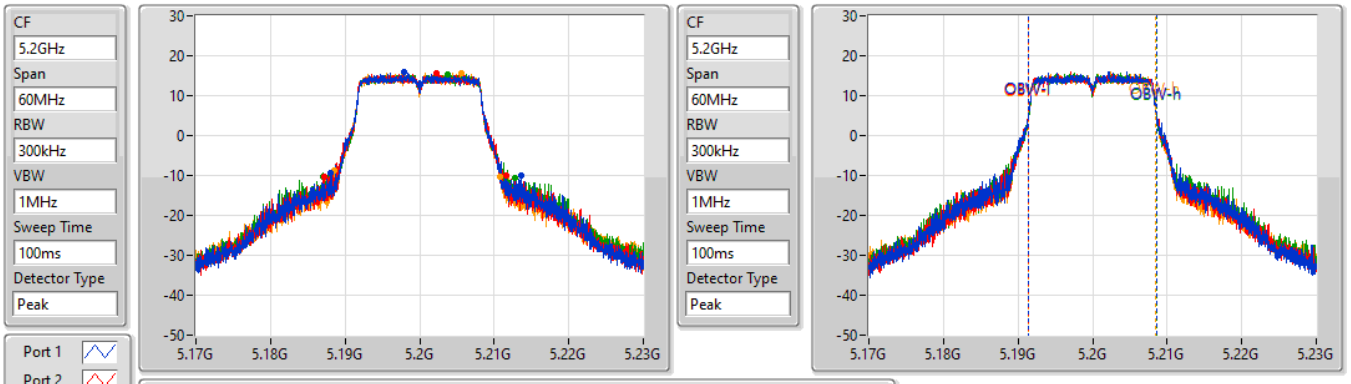


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.42M	5.16758G	5.192G	17.391M	5.171304G	5.188696G	Inf	1
22.89M	5.1686G	5.19149G	17.331M	5.171364G	5.188696G	Inf	2
23.4M	5.16878G	5.19218G	17.271M	5.171424G	5.188696G	Inf	3
22.5M	5.16842G	5.19092G	17.241M	5.171364G	5.188606G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

10/06/2022

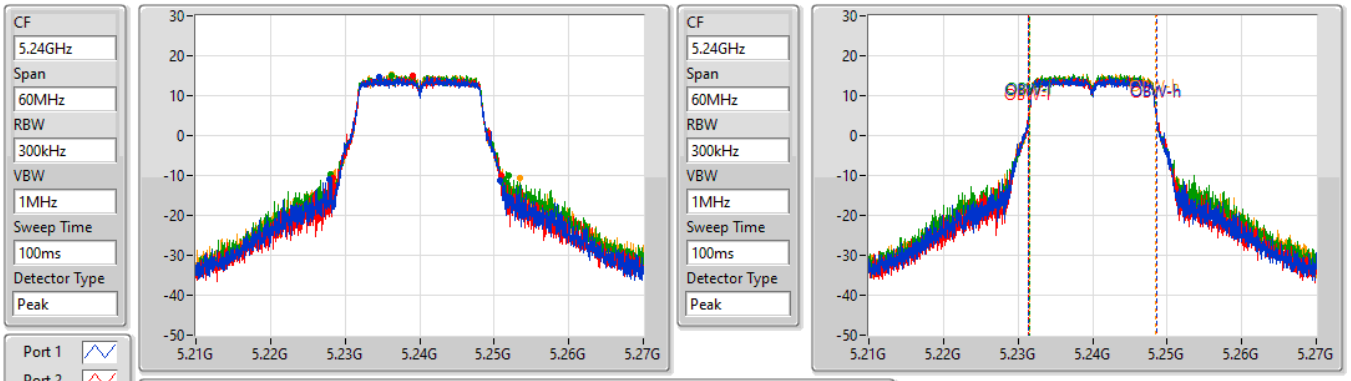


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.56M	5.18809G	5.21365G	17.271M	5.191364G	5.208636G	Inf	1
24.39M	5.18725G	5.21164G	17.181M	5.191394G	5.208576G	Inf	2
25.8M	5.18698G	5.21278G	17.211M	5.191394G	5.208606G	Inf	3
22.2M	5.1886G	5.2108G	17.061M	5.191454G	5.208516G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

10/06/2022

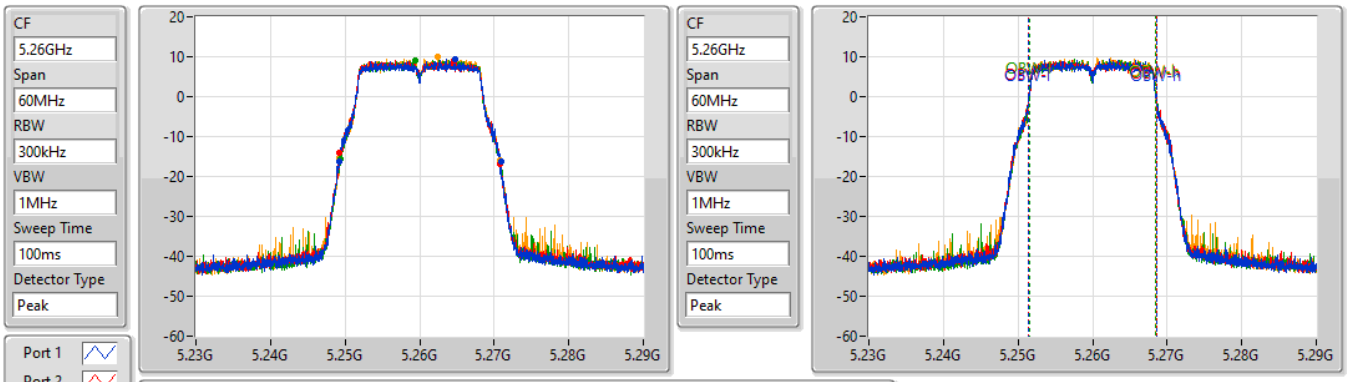


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.8M	5.22794G	5.25074G	17.181M	5.231394G	5.248576G	Inf	1
22.47M	5.22842G	5.25089G	17.151M	5.231424G	5.248576G	Inf	2
23.88M	5.22812G	5.252G	17.091M	5.231484G	5.248576G	Inf	3
25.29M	5.22818G	5.25347G	17.031M	5.231484G	5.248516G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

11/06/2022

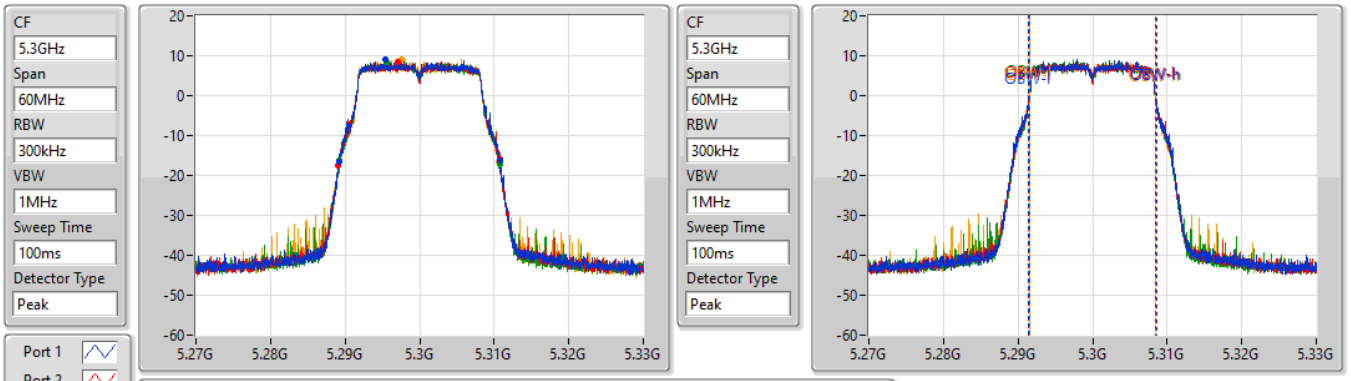


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.2492G	5.27092G	17.091M	5.251454G	5.268546G	Inf	1
21.66M	5.2492G	5.27086G	17.091M	5.251454G	5.268546G	Inf	2
21.48M	5.24932G	5.2708G	16.972M	5.251544G	5.268516G	Inf	3
21.45M	5.24929G	5.27074G	16.912M	5.251544G	5.268456G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

11/06/2022

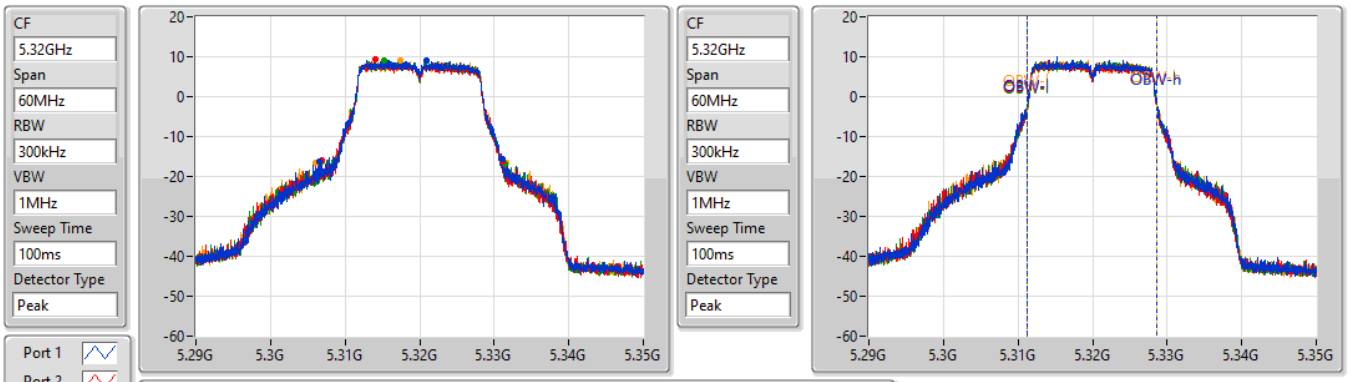


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.28914G	5.31077G	17.121M	5.291424G	5.308546G	Inf	1
21.78M	5.28905G	5.31083G	17.031M	5.291454G	5.308486G	Inf	2
21.48M	5.28923G	5.31071G	17.001M	5.291484G	5.308486G	Inf	3
21.45M	5.28914G	5.31059G	16.972M	5.291484G	5.308456G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

11/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.54M	5.30662G	5.33116G	17.421M	5.311154G	5.328576G	Inf	1
24.24M	5.30686G	5.3311G	17.391M	5.311154G	5.328546G	Inf	2
24.54M	5.30689G	5.33143G	17.271M	5.311274G	5.328546G	Inf	3
25.59M	5.30605G	5.33164G	17.361M	5.311184G	5.328546G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.5M	19.25M	19M2D1D	21.75M	19.13M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	46.8M	38.201M	38M2D1D	40.38M	38.021M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	87.96M	78.081M	78M1D1D	83.52M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.04M	78.521M	78M5D1D	82.32M	78.281M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.1M	19.28M	19M3D1D	21.6M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	44.34M	38.141M	38M1D1D	40.26M	37.901M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	84.36M	77.841M	77M8D1D	83.88M	77.601M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.4M	78.281M	78M3D1D	82.08M	77.961M

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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	23.55M	19.22M	25.5M	19.25M	23.64M	19.25M	22.41M	19.22M
5200MHz	Pass	Inf	21.9M	19.13M	21.84M	19.13M	22.62M	19.16M	21.9M	19.22M
5240MHz	Pass	Inf	21.93M	19.19M	21.96M	19.16M	23.1M	19.16M	21.75M	19.16M
5260MHz	Pass	Inf	21.6M	19.16M	21.69M	19.07M	21.63M	19.13M	21.66M	19.07M
5300MHz	Pass	Inf	21.75M	19.13M	21.63M	19.13M	21.81M	19.1M	21.6M	19.1M
5320MHz	Pass	Inf	24.39M	19.28M	23.37M	19.28M	26.01M	19.25M	26.1M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	45.36M	38.201M	41.64M	38.141M	41.94M	38.081M	43.92M	38.141M
5230MHz	Pass	Inf	46.8M	38.081M	40.56M	38.141M	40.38M	38.081M	40.5M	38.021M
5270MHz	Pass	Inf	40.68M	37.961M	40.26M	37.901M	40.32M	37.961M	40.68M	37.961M
5310MHz	Pass	Inf	44.34M	38.081M	43.32M	38.081M	42.66M	38.081M	44.34M	38.141M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	84.48M	77.961M	87.96M	77.961M	83.52M	77.841M	83.88M	78.081M
5290MHz	Pass	Inf	83.88M	77.721M	83.88M	77.601M	84.36M	77.841M	84.12M	77.721M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	83.04M	78.521M	82.56M	78.281M	82.48M	78.441M	82.32M	78.521M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.08M	78.041M	82.08M	78.121M	82.08M	78.281M	82.4M	77.961M

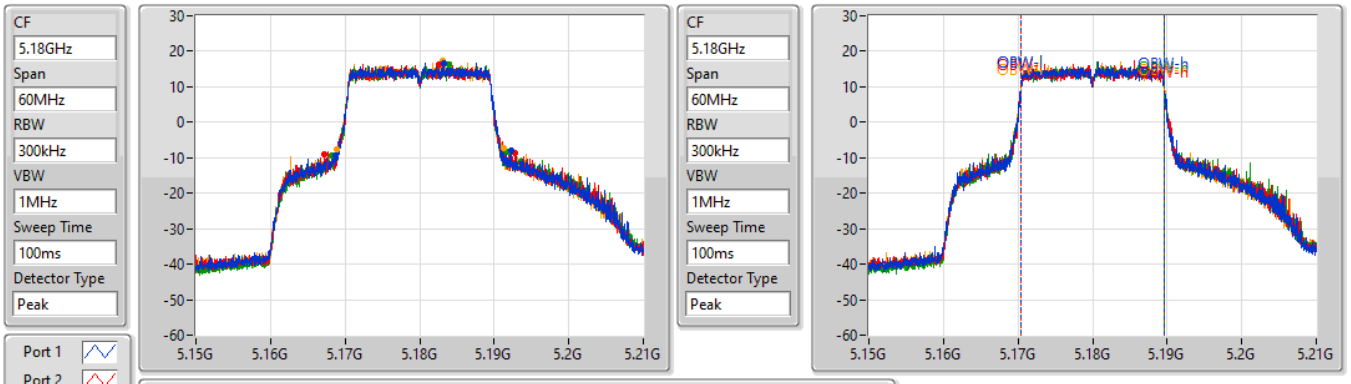
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port X 99% occupied bandwidth

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

11/06/2022



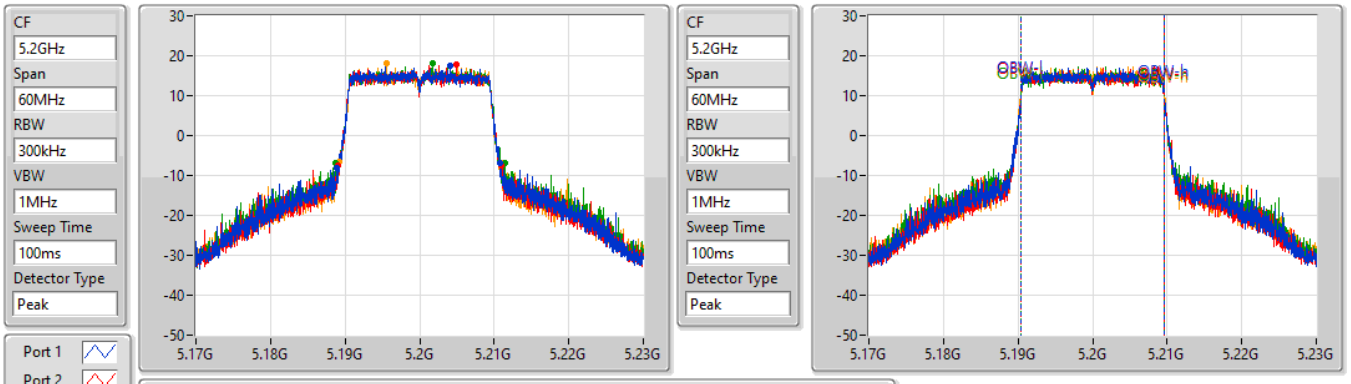
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.55M	5.16866G	5.19221G	19.22M	5.170405G	5.189625G	Inf	1
25.5M	5.16728G	5.19278G	19.25M	5.170405G	5.189655G	Inf	2
23.64M	5.16827G	5.19191G	19.25M	5.170405G	5.189655G	Inf	3
22.41M	5.16884G	5.19125G	19.22M	5.170405G	5.189625G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

11/06/2022



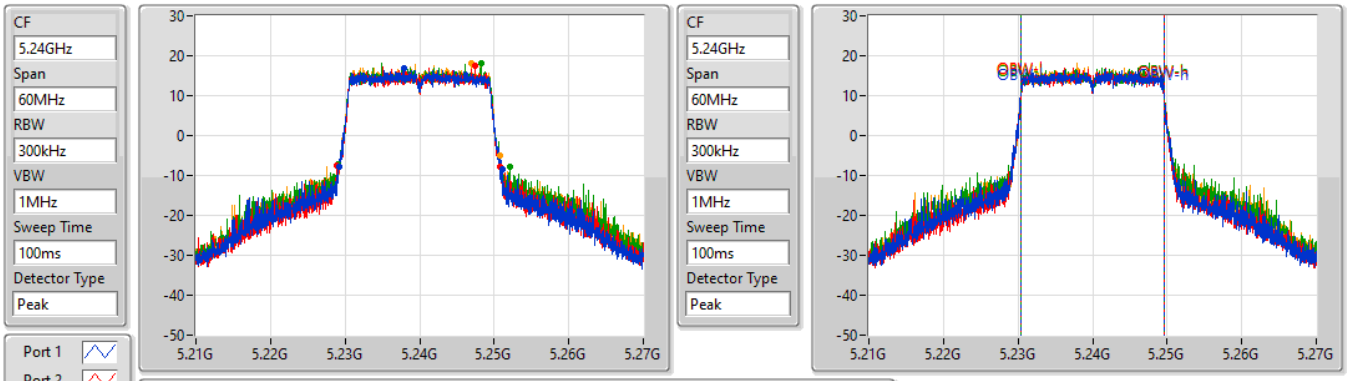
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.18896G	5.21086G	19.13M	5.190435G	5.209565G	Inf	1
21.84M	5.18911G	5.21095G	19.13M	5.190435G	5.209565G	Inf	2
22.62M	5.18875G	5.21137G	19.16M	5.190405G	5.209565G	Inf	3
21.9M	5.18923G	5.21113G	19.22M	5.190375G	5.209595G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

11/06/2022



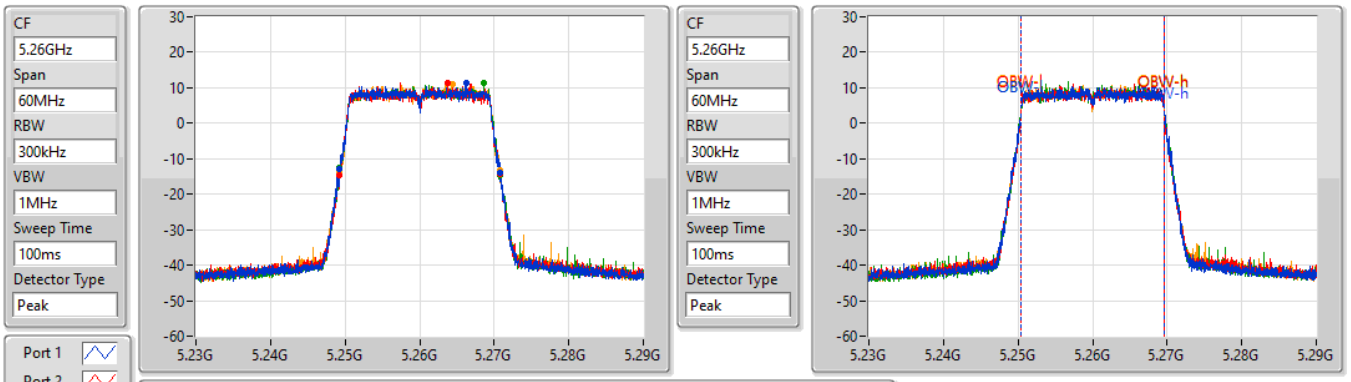
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.93M	5.22914G	5.25107G	19.19M	5.230375G	5.249565G	Inf	1
21.96M	5.2289G	5.25086G	19.16M	5.230405G	5.249565G	Inf	2
23.1M	5.22902G	5.25212G	19.16M	5.230435G	5.249595G	Inf	3
21.75M	5.22908G	5.25083G	19.16M	5.230435G	5.249595G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5260MHz

11/06/2022

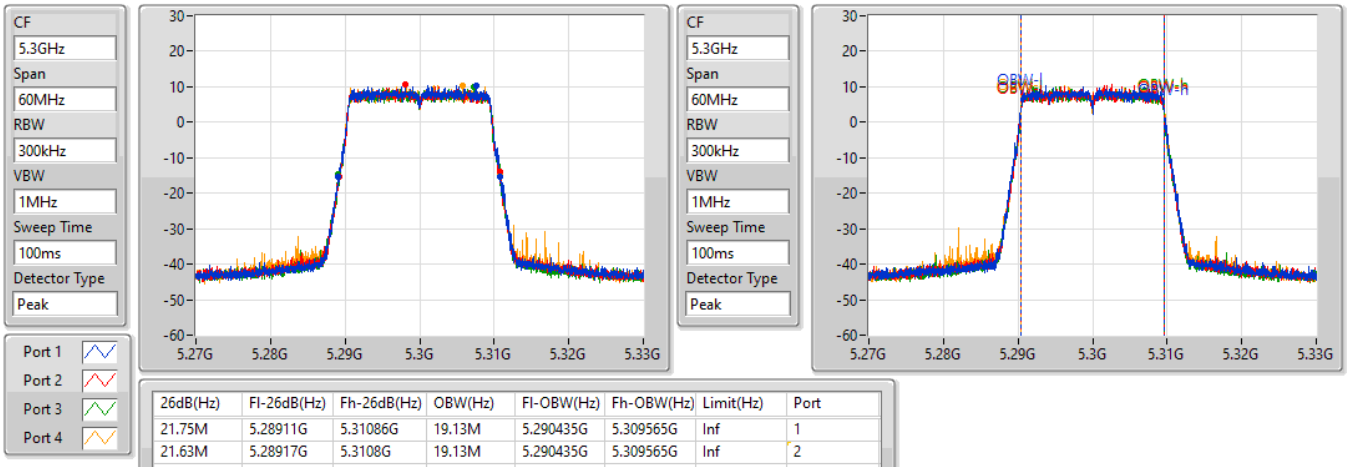


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.24926G	5.27086G	19.16M	5.250435G	5.269595G	Inf	1
21.69M	5.24917G	5.27086G	19.07M	5.250465G	5.269535G	Inf	2
21.63M	5.24923G	5.27086G	19.13M	5.250435G	5.269565G	Inf	3
21.66M	5.24914G	5.2708G	19.07M	5.250465G	5.269535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

11/06/2022

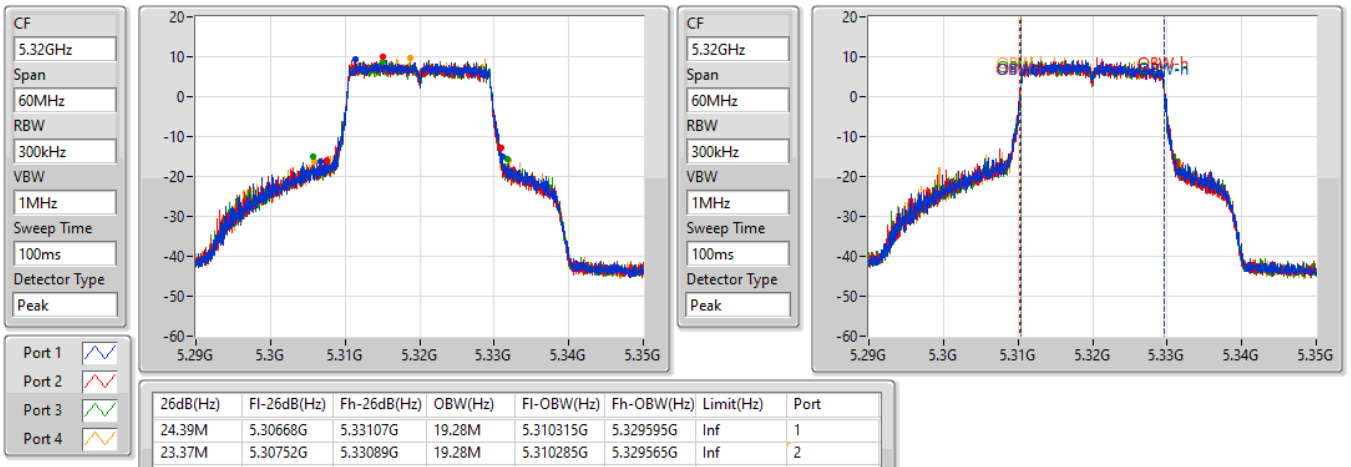


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.28911G	5.31086G	19.13M	5.290435G	5.309565G	Inf	1
21.63M	5.28917G	5.3108G	19.13M	5.290435G	5.309565G	Inf	2
21.81M	5.28899G	5.3108G	19.1M	5.290435G	5.309535G	Inf	3
21.6M	5.28917G	5.31077G	19.1M	5.290435G	5.309535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

11/06/2022



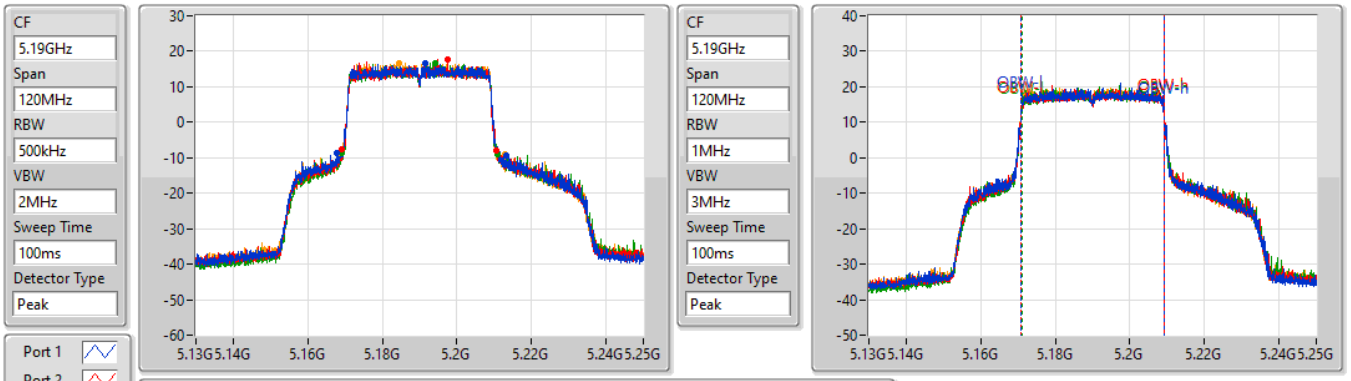
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.39M	5.30668G	5.33107G	19.28M	5.310315G	5.329595G	Inf	1
23.37M	5.30752G	5.33089G	19.28M	5.310285G	5.329565G	Inf	2
26.01M	5.30569G	5.3317G	19.25M	5.310315G	5.329565G	Inf	3
26.1M	5.30584G	5.33194G	19.22M	5.310345G	5.329565G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

11/06/2022



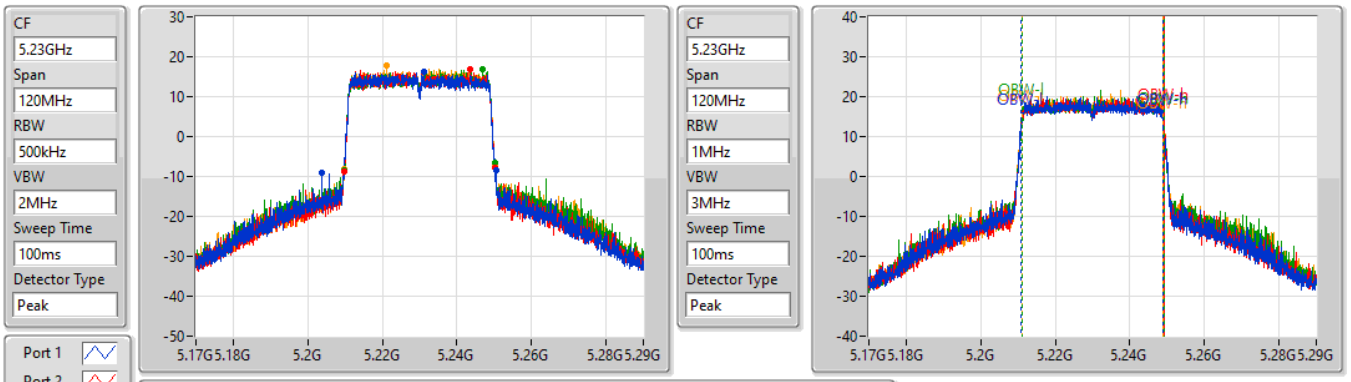
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.36M	5.16792G	5.21328G	38.201M	5.17093G	5.20913G	Inf	1
41.64M	5.16906G	5.2107G	38.141M	5.17093G	5.20907G	Inf	2
41.94M	5.16906G	5.211G	38.081M	5.17099G	5.20907G	Inf	3
43.92M	5.16888G	5.2128G	38.141M	5.17093G	5.20907G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

11/06/2022



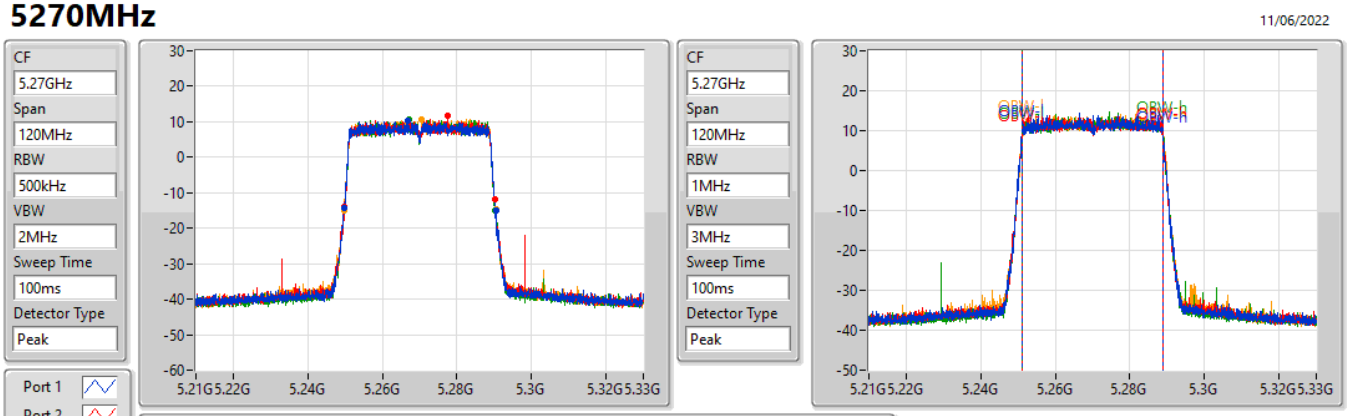
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
46.8M	5.20366G	5.25046G	38.081M	5.21093G	5.24901G	Inf	1
40.56M	5.20966G	5.25022G	38.141M	5.21093G	5.24907G	Inf	2
40.38M	5.20972G	5.2501G	38.081M	5.21099G	5.24907G	Inf	3
40.5M	5.20972G	5.25022G	38.021M	5.21099G	5.24901G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5270MHz

11/06/2022



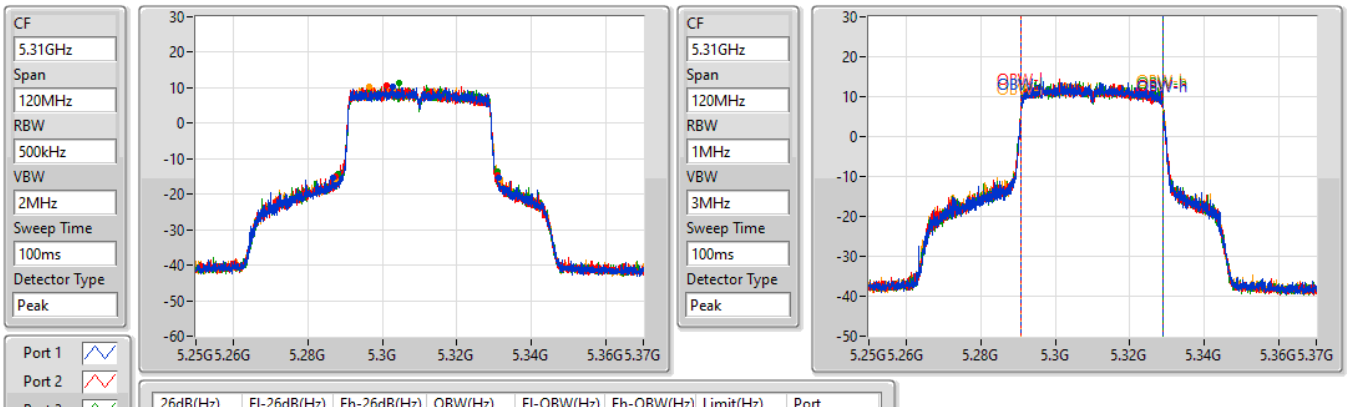
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.24972G	5.2904G	37.961M	5.25099G	5.288951G	Inf	1
40.26M	5.24984G	5.2901G	37.901M	5.251049G	5.288951G	Inf	2
40.32M	5.24978G	5.2901G	37.961M	5.251049G	5.28901G	Inf	3
40.68M	5.24978G	5.29046G	37.961M	5.251049G	5.28901G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

11/06/2022

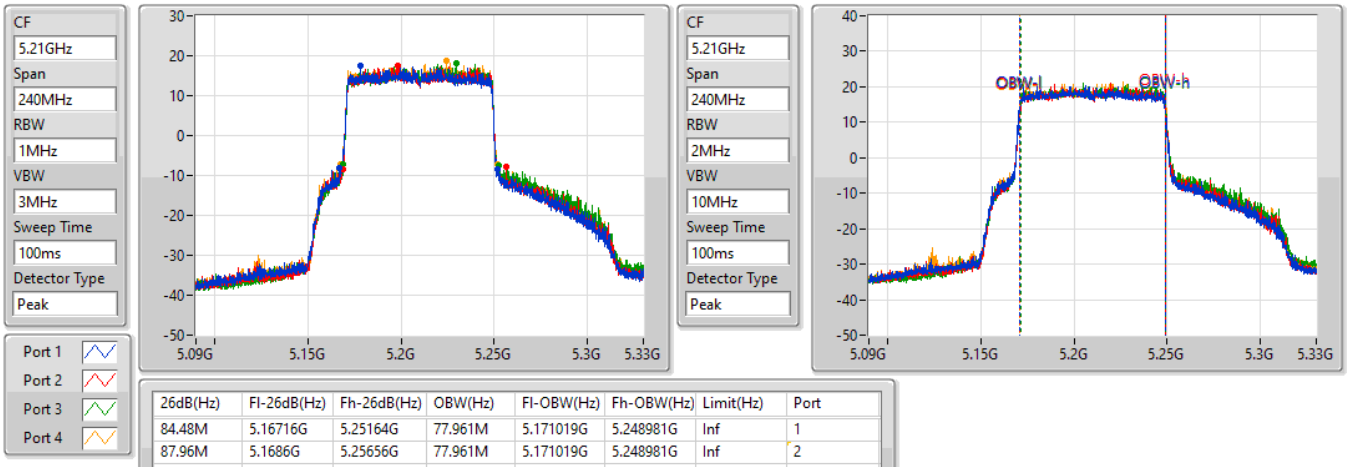


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.34M	5.2869G	5.33124G	38.081M	5.29081G	5.328891G	Inf	1
43.32M	5.28744G	5.33076G	38.081M	5.29081G	5.328891G	Inf	2
42.66M	5.2881G	5.33076G	38.081M	5.29087G	5.328951G	Inf	3
44.34M	5.28738G	5.33172G	38.141M	5.29081G	5.328951G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

11/06/2022

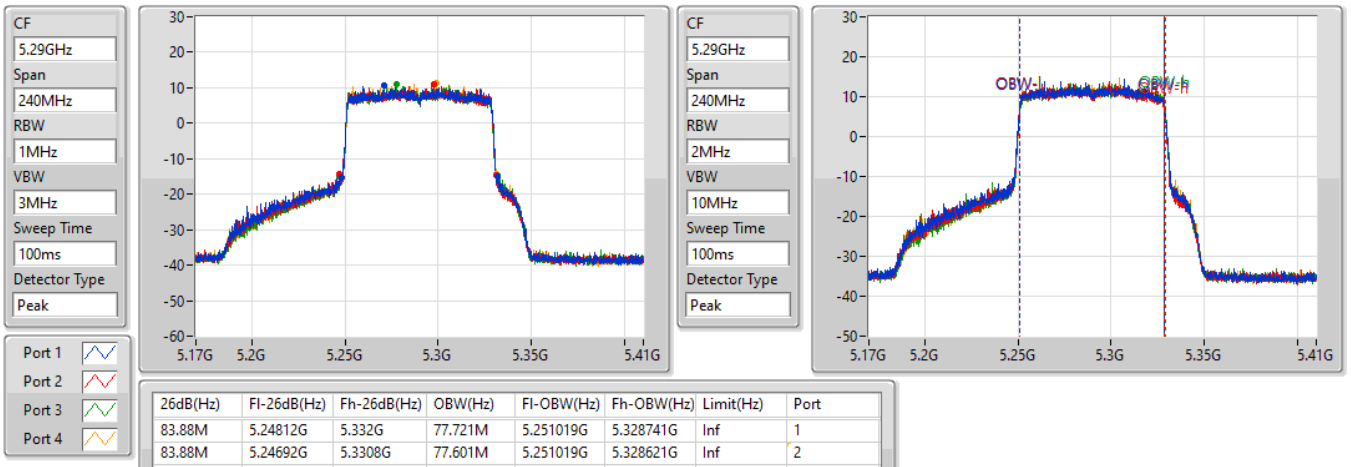


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.48M	5.16716G	5.25164G	77.961M	5.171019G	5.248981G	Inf	1
87.96M	5.1686G	5.25656G	77.961M	5.171019G	5.248981G	Inf	2
83.52M	5.16908G	5.2526G	77.841M	5.171259G	5.2491G	Inf	3
83.88M	5.16764G	5.25152G	78.081M	5.171019G	5.2491G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

11/06/2022



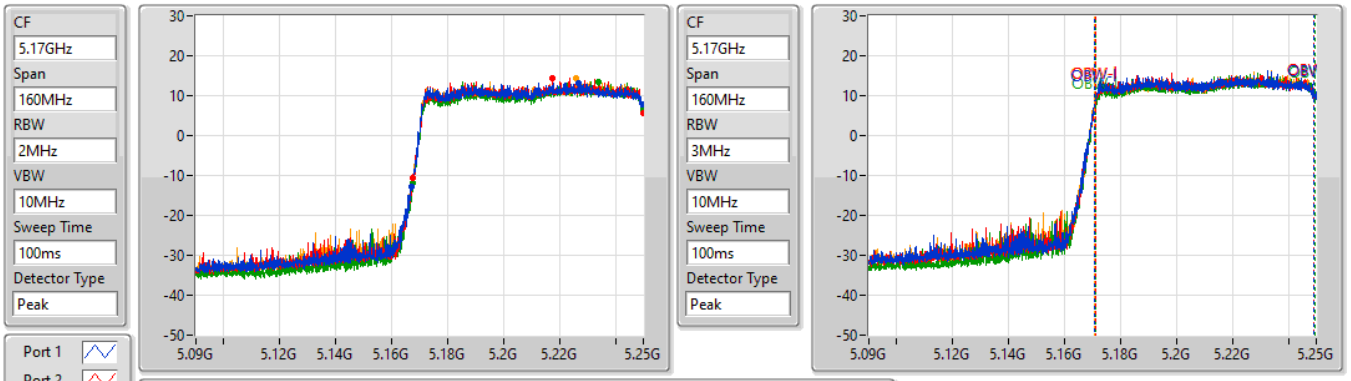
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.88M	5.24812G	5.332G	77.721M	5.251019G	5.328741G	Inf	1
83.88M	5.24692G	5.3308G	77.601M	5.251019G	5.328621G	Inf	2
84.36M	5.24716G	5.33152G	77.841M	5.251019G	5.328861G	Inf	3
84.12M	5.24716G	5.33128G	77.721M	5.251019G	5.328741G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.15-5.25GHz

11/06/2022



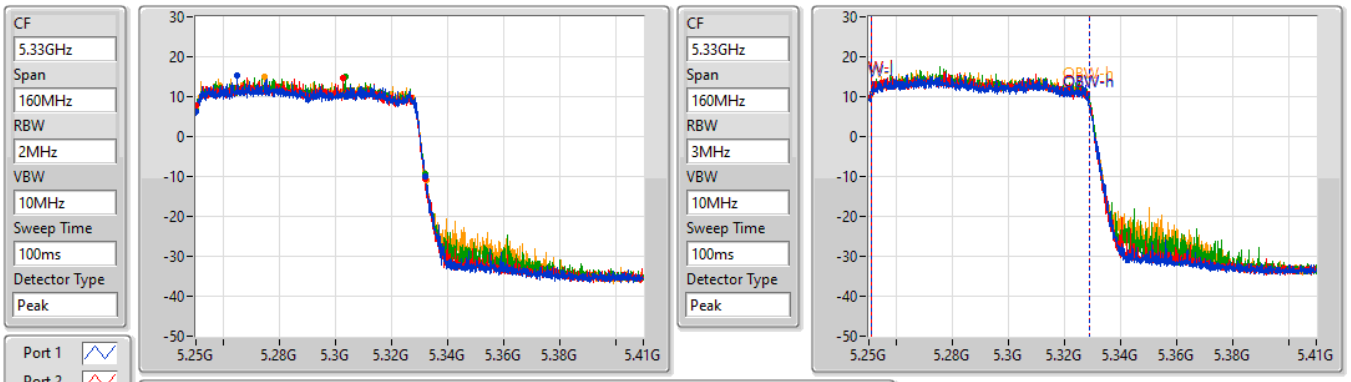
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.04M	5.16696G	5.25G	78.521M	5.1708G	5.24932G	Inf	1
82.56M	5.16744G	5.25G	78.281M	5.17096G	5.24924G	Inf	2
82.48M	5.16752G	5.25G	78.441M	5.17096G	5.2494G	Inf	3
82.32M	5.16768G	5.25G	78.521M	5.1708G	5.24932G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

11/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.25G	5.33208G	78.041M	5.25076G	5.328801G	Inf	1
82.08M	5.25G	5.33208G	78.121M	5.25068G	5.328801G	Inf	2
82.08M	5.25G	5.33208G	78.281M	5.25076G	5.32904G	Inf	3
82.4M	5.25G	5.3324G	77.961M	5.25084G	5.328801G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	25.29M	19.25M	19M2D1D	21.51M	19.1M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	44.28M	38.141M	38M1D1D	40.5M	37.901M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	86.16M	77.841M	77M8D1D	82.68M	77.601M

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

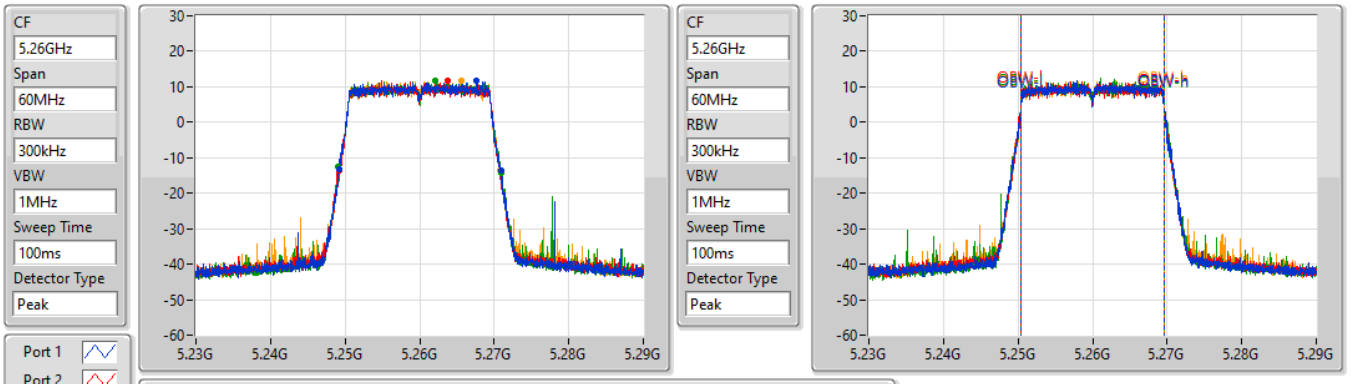
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.75M	19.1M	21.69M	19.13M	21.87M	19.1M	21.66M	19.1M
5300MHz	Pass	Inf	21.69M	19.1M	21.66M	19.1M	21.93M	19.13M	21.51M	19.13M
5320MHz	Pass	Inf	24.54M	19.22M	23.91M	19.22M	22.05M	19.25M	25.29M	19.22M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.86M	37.901M	40.56M	37.961M	40.68M	37.961M	40.5M	37.901M
5310MHz	Pass	Inf	43.92M	38.141M	43.44M	38.081M	44.28M	38.081M	43.2M	38.081M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	83.52M	77.841M	83.04M	77.721M	86.16M	77.841M	82.68M	77.601M

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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5260MHz

11/06/2022

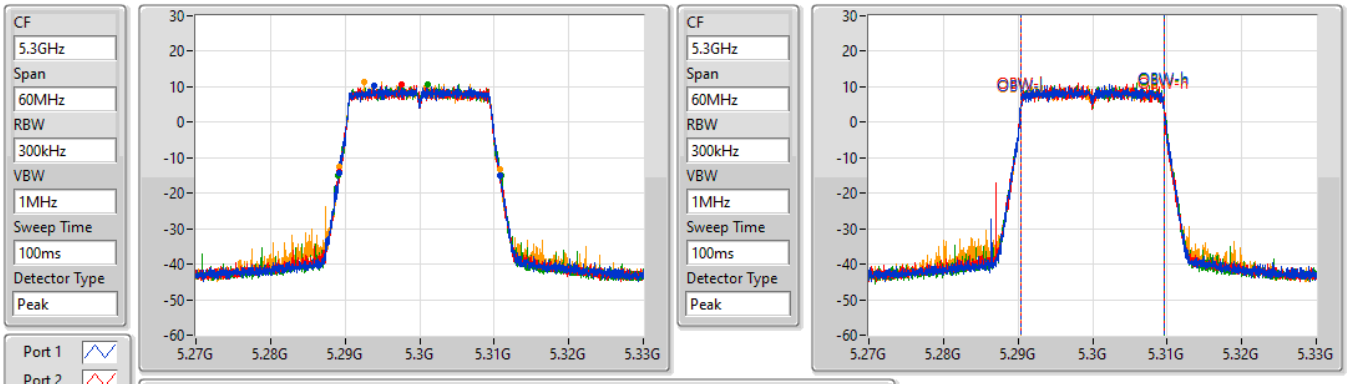


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.24914G	5.27089G	19.1M	5.250435G	5.269535G	Inf	1
21.69M	5.2492G	5.27089G	19.13M	5.250435G	5.269565G	Inf	2
21.87M	5.24911G	5.27098G	19.1M	5.250465G	5.269565G	Inf	3
21.66M	5.24914G	5.2708G	19.1M	5.250435G	5.269535G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5300MHz

11/06/2022

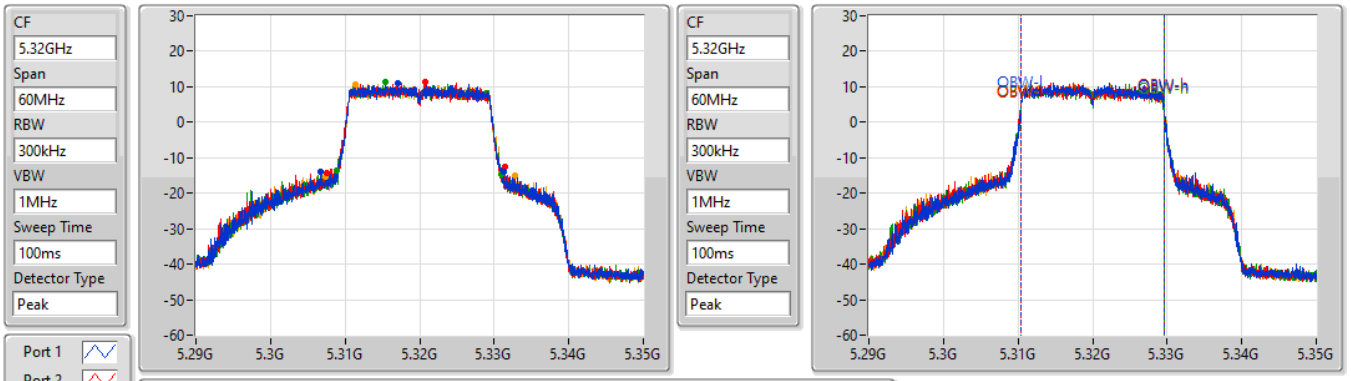


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.28914G	5.31083G	19.1M	5.290435G	5.309535G	Inf	1
21.66M	5.28917G	5.31083G	19.1M	5.290435G	5.309535G	Inf	2
21.93M	5.28905G	5.31098G	19.13M	5.290405G	5.309535G	Inf	3
21.51M	5.2892G	5.31071G	19.13M	5.290405G	5.309535G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5320MHz

11/06/2022

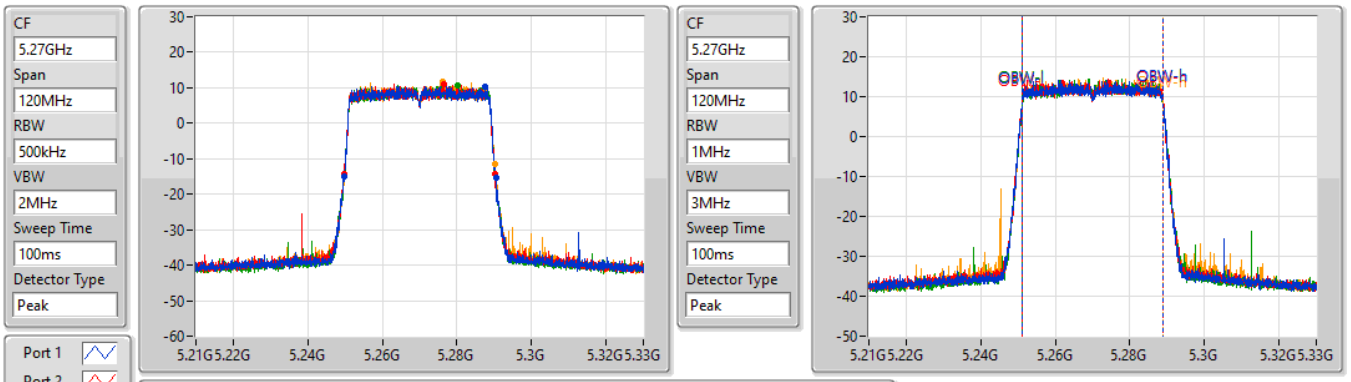


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.54M	5.30677G	5.33131G	19.22M	5.310345G	5.329565G	Inf	1
23.91M	5.30752G	5.33143G	19.22M	5.310315G	5.329535G	Inf	2
22.05M	5.30884G	5.33089G	19.25M	5.310315G	5.329565G	Inf	3
25.29M	5.30743G	5.33272G	19.22M	5.310345G	5.329565G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5270MHz

11/06/2022

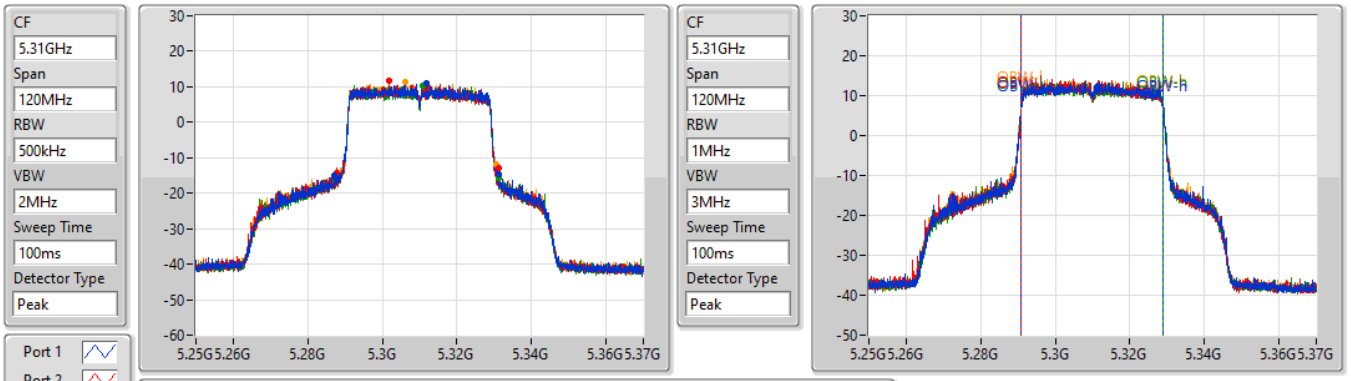


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.24966G	5.29052G	37.901M	5.251049G	5.288951G	Inf	1
40.56M	5.24972G	5.29028G	37.961M	5.251049G	5.28901G	Inf	2
40.68M	5.24966G	5.29034G	37.961M	5.251049G	5.28901G	Inf	3
40.5M	5.24978G	5.29028G	37.901M	5.251049G	5.288951G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5310MHz

11/06/2022

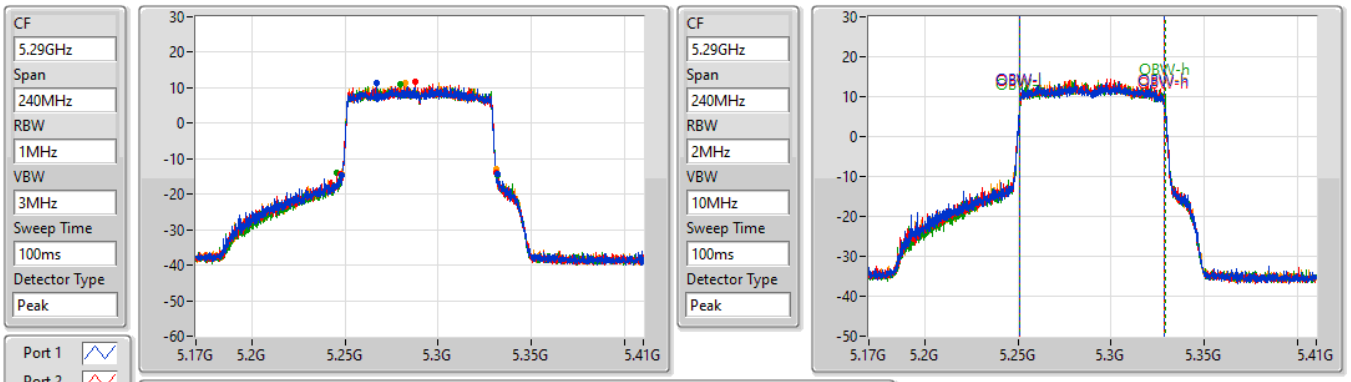


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.92M	5.28714G	5.33106G	38.141M	5.29087G	5.32901G	Inf	1
43.44M	5.28762G	5.33106G	38.081M	5.29087G	5.328951G	Inf	2
44.28M	5.28696G	5.33124G	38.081M	5.29087G	5.328951G	Inf	3
43.2M	5.2875G	5.3307G	38.081M	5.29087G	5.328951G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5290MHz

11/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.52M	5.248G	5.33152G	77.841M	5.2509G	5.328741G	Inf	1
83.04M	5.24788G	5.33092G	77.721M	5.2509G	5.328621G	Inf	2
86.16M	5.24536G	5.33152G	77.841M	5.251019G	5.328861G	Inf	3
82.68M	5.24812G	5.3308G	77.601M	5.251019G	5.328621G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.41M	17.421M	17M4D1D	15.615M	13.508M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.35M	17.361M	17M4D1D	3.16M	4.158M

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

Result

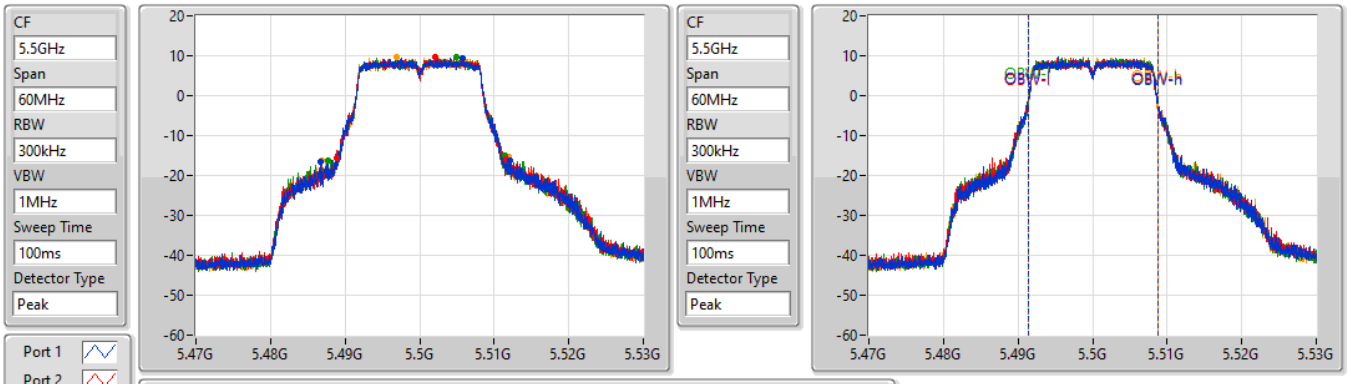
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	25.41M	17.421M	22.86M	17.361M	23.76M	17.271M	24.96M	17.331M
5580MHz	Pass	Inf	21.51M	17.151M	21.57M	17.061M	21.54M	16.972M	21.72M	16.912M
5700MHz	Pass	Inf	21.63M	17.091M	21.69M	17.121M	21.54M	16.972M	21.54M	16.972M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.765M	13.628M	15.675M	13.583M	15.615M	13.508M	15.66M	13.523M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	4.238M	3.16M	4.218M	3.16M	4.158M	3.18M	4.198M
5745MHz	Pass	500k	16.26M	17.361M	16.32M	17.301M	16.26M	17.211M	16.26M	17.241M
5785MHz	Pass	500k	16.35M	17.241M	16.29M	17.241M	16.32M	17.001M	16.32M	17.061M
5825MHz	Pass	500k	16.35M	17.241M	16.32M	17.211M	16.32M	17.061M	16.32M	17.061M

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)_4TX EBW

5500MHz

11/06/2022

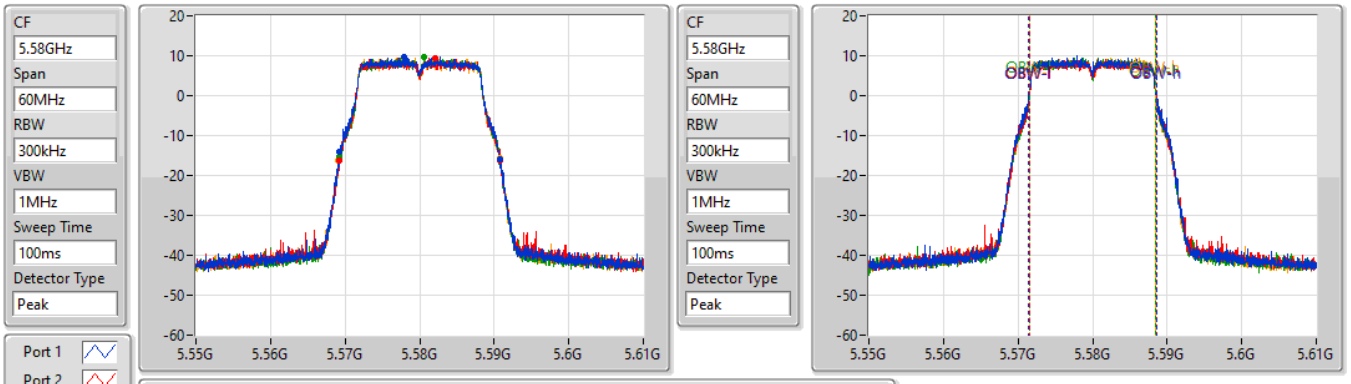


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.41M	5.48668G	5.51209G	17.421M	5.491334G	5.508756G	Inf	1
22.86M	5.48881G	5.51167G	17.361M	5.491364G	5.508726G	Inf	2
23.76M	5.48764G	5.5114G	17.271M	5.491424G	5.508696G	Inf	3
24.96M	5.48695G	5.51191G	17.331M	5.491394G	5.508726G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

11/06/2022

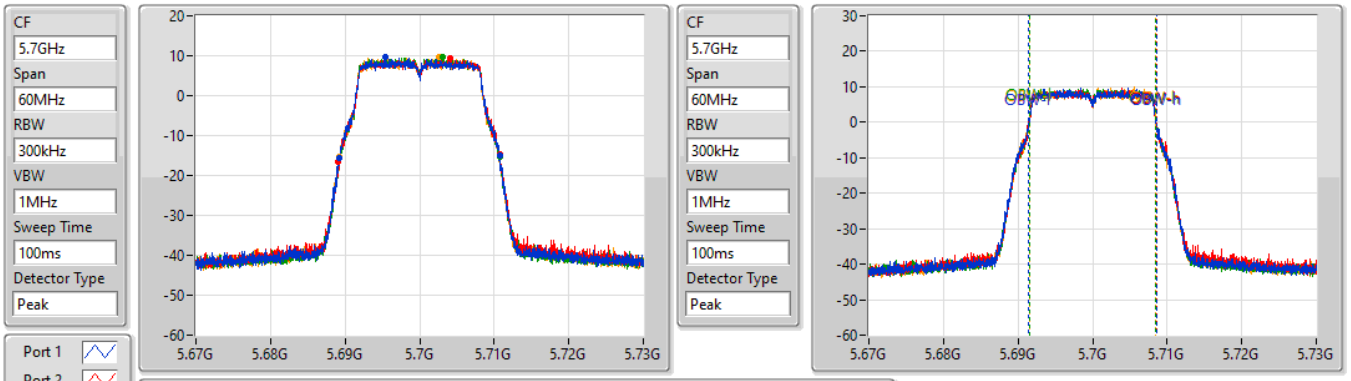


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.56926G	5.59077G	17.151M	5.571424G	5.588576G	Inf	1
21.57M	5.5692G	5.59077G	17.061M	5.571484G	5.588546G	Inf	2
21.54M	5.56929G	5.59083G	16.972M	5.571544G	5.588516G	Inf	3
21.72M	5.56911G	5.59083G	16.912M	5.571544G	5.588456G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

11/06/2022

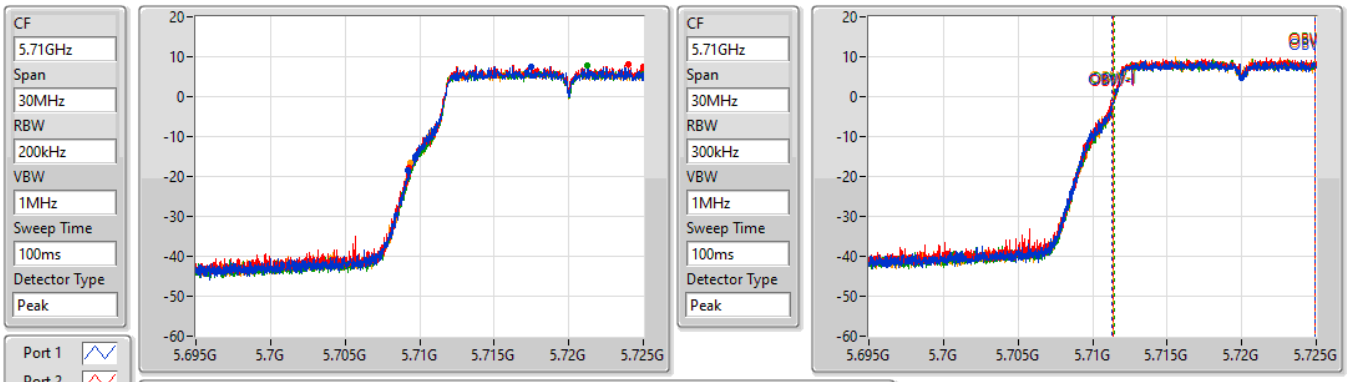


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.63M	5.6892G	5.71083G	17.091M	5.691454G	5.708546G	Inf	1
21.69M	5.68911G	5.7108G	17.121M	5.691454G	5.708576G	Inf	2
21.54M	5.68917G	5.71071G	16.972M	5.691544G	5.708516G	Inf	3
21.54M	5.68926G	5.7108G	16.972M	5.691514G	5.708486G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

11/06/2022

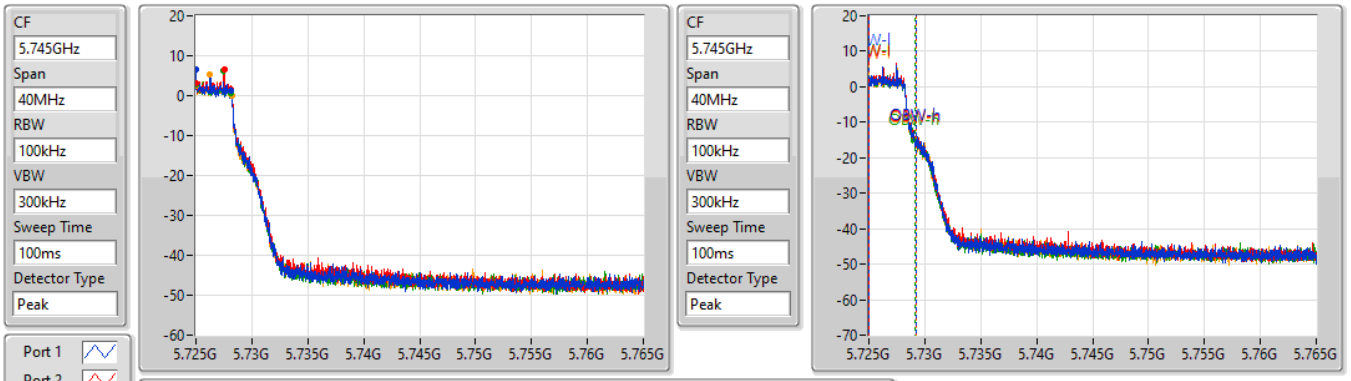


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.765M	5.709235G	5.725G	13.628M	5.711304G	5.724933G	Inf	1
15.675M	5.709325G	5.725G	13.583M	5.711349G	5.724933G	Inf	2
15.615M	5.709385G	5.725G	13.508M	5.711424G	5.724933G	Inf	3
15.66M	5.70934G	5.725G	13.523M	5.711409G	5.724933G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

11/06/2022

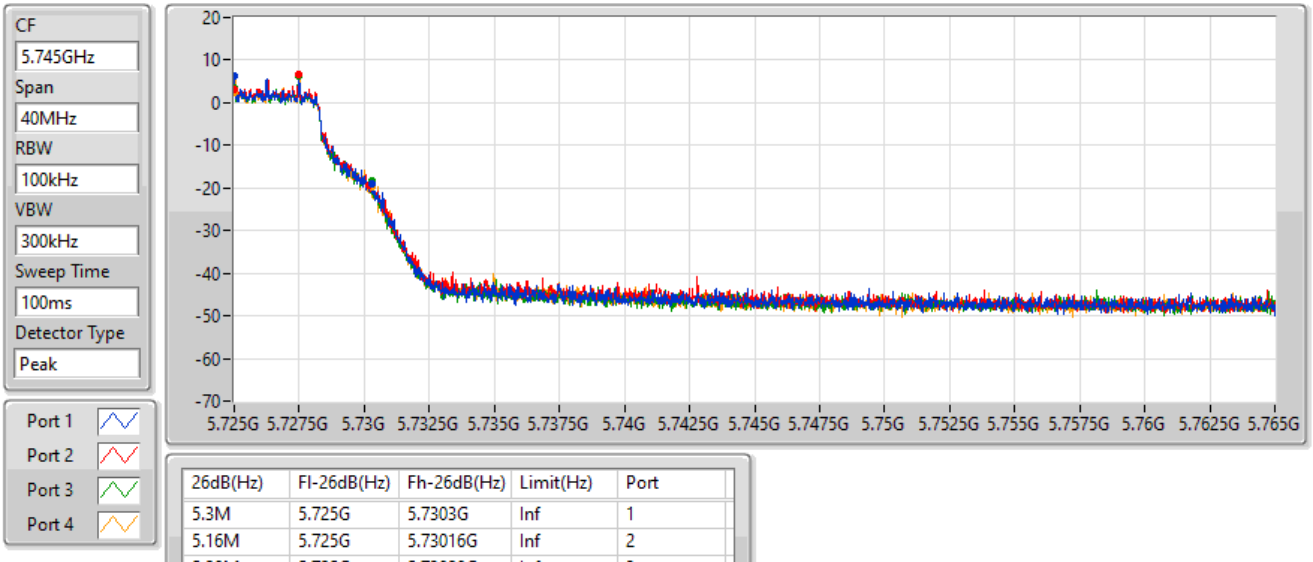


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	4.238M	5.72501G	5.729248G	500k	1
3.16M	5.725G	5.72816G	4.218M	5.72501G	5.729228G	500k	2
3.16M	5.725G	5.72816G	4.158M	5.72501G	5.729168G	500k	3
3.18M	5.725G	5.72818G	4.198M	5.72501G	5.729208G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

11/06/2022

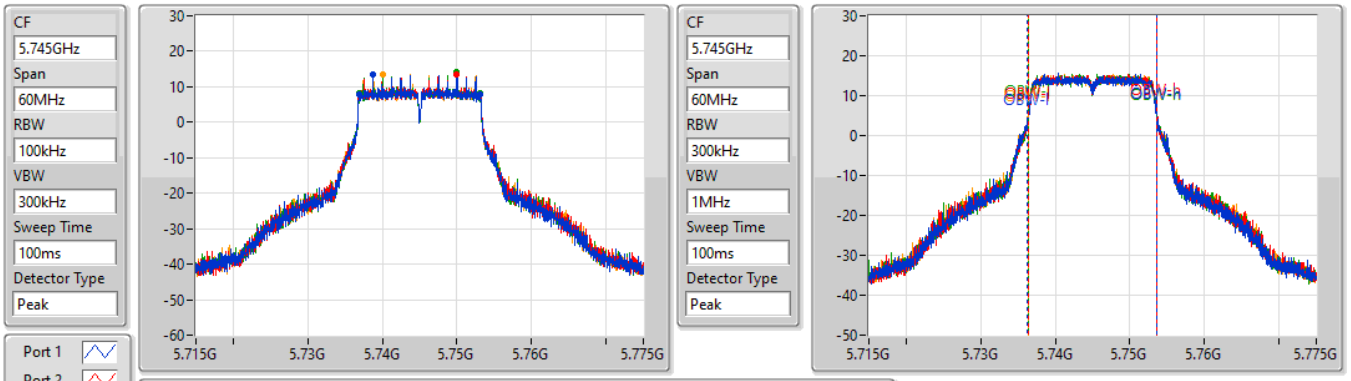


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.3M	5.725G	5.7303G	Inf	1
5.16M	5.725G	5.73016G	Inf	2
5.28M	5.725G	5.73028G	Inf	3
5.28M	5.725G	5.73028G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

11/06/2022

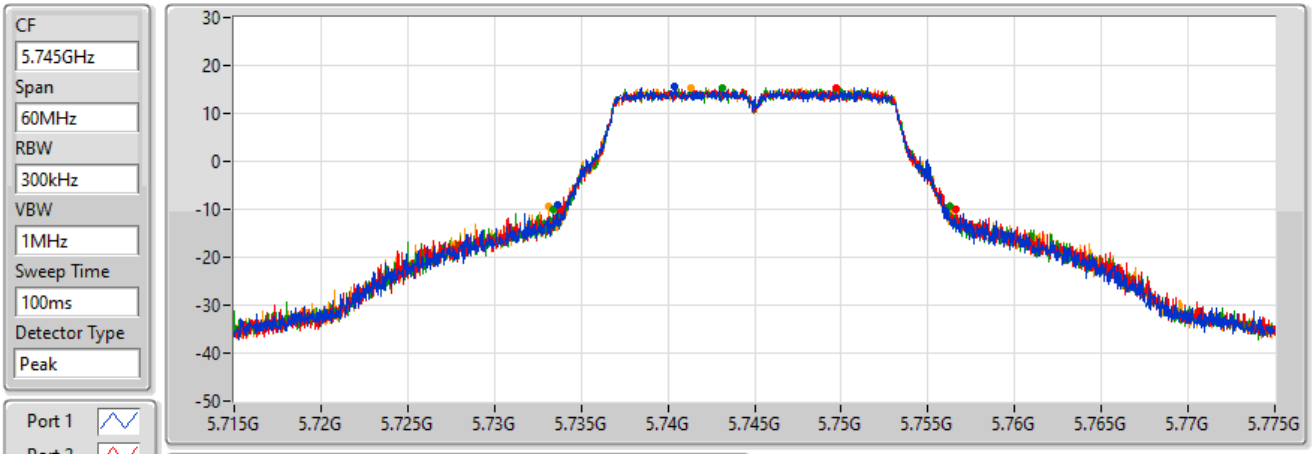


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.26M	5.73687G	5.75313G	17.361M	5.736304G	5.753666G	500k	1
16.32M	5.73684G	5.75316G	17.301M	5.736364G	5.753666G	500k	2
16.26M	5.73687G	5.75313G	17.211M	5.736424G	5.753636G	500k	3
16.26M	5.73687G	5.75313G	17.241M	5.736394G	5.753636G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

11/06/2022

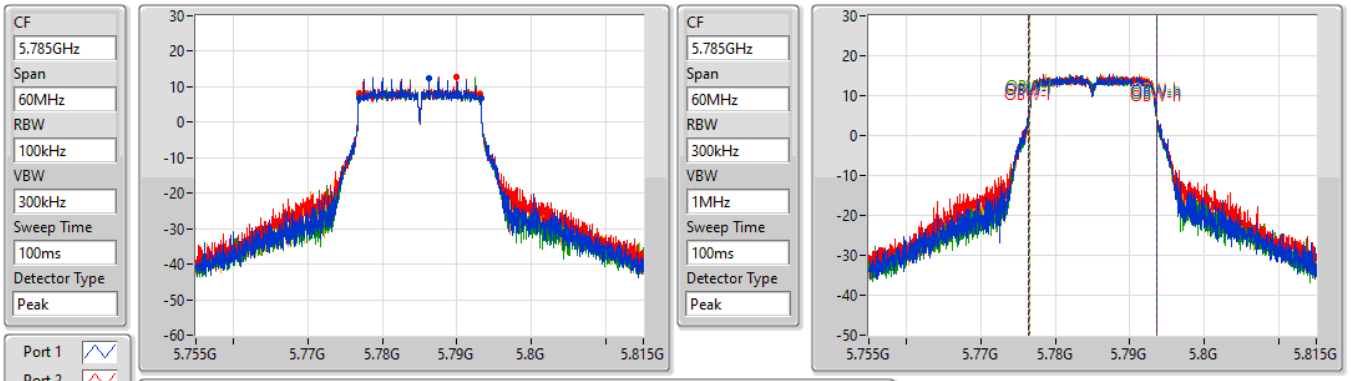


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.41M	5.73363G	5.75604G	Inf	1
22.77M	5.73384G	5.75661G	Inf	2
22.89M	5.73339G	5.75628G	Inf	3
23.31M	5.73312G	5.75643G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

11/06/2022

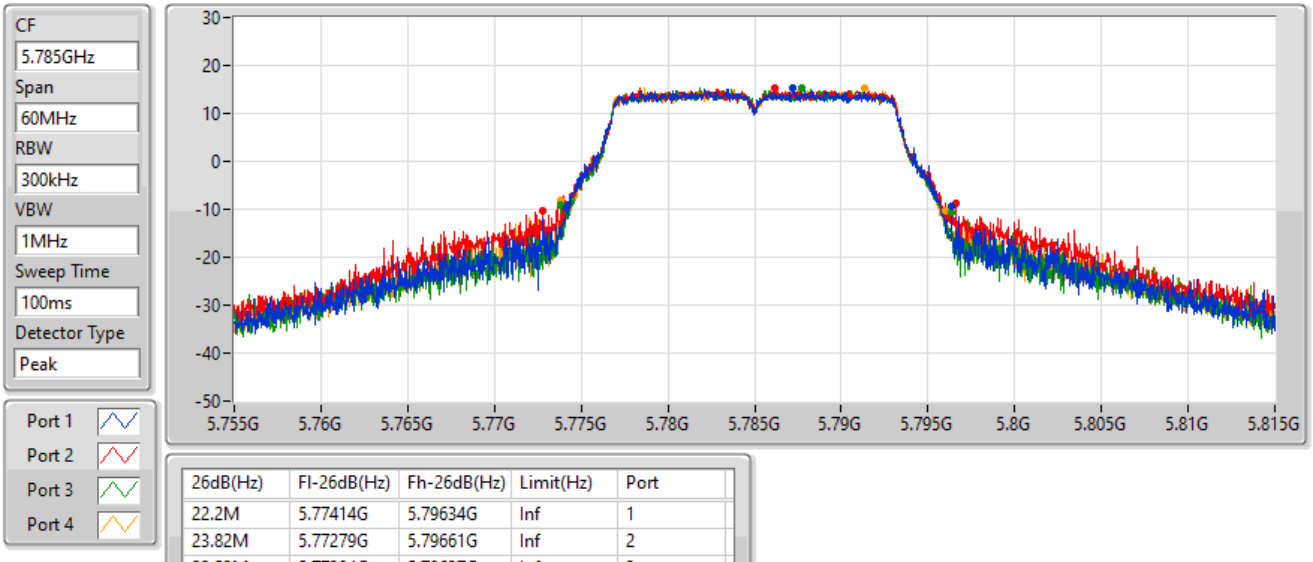


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.77684G	5.79319G	17.241M	5.776364G	5.793606G	500k	1
16.29M	5.77687G	5.79316G	17.241M	5.776394G	5.793636G	500k	2
16.32M	5.77684G	5.79316G	17.001M	5.776544G	5.793546G	500k	3
16.32M	5.77684G	5.79316G	17.061M	5.776484G	5.793546G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

11/06/2022

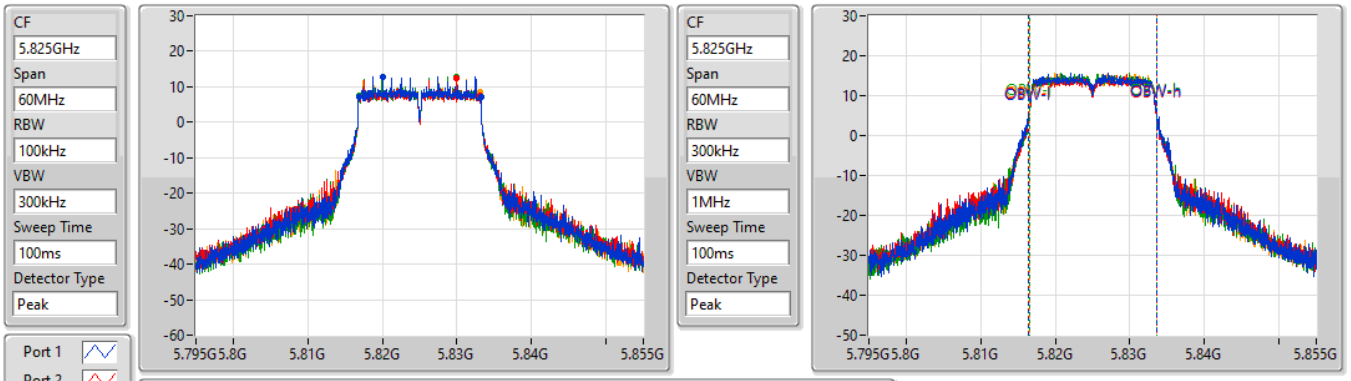


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.2M	5.77414G	5.79634G	Inf	1
23.82M	5.77279G	5.79661G	Inf	2
22.53M	5.77384G	5.79637G	Inf	3
22.17M	5.77381G	5.79598G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

11/06/2022

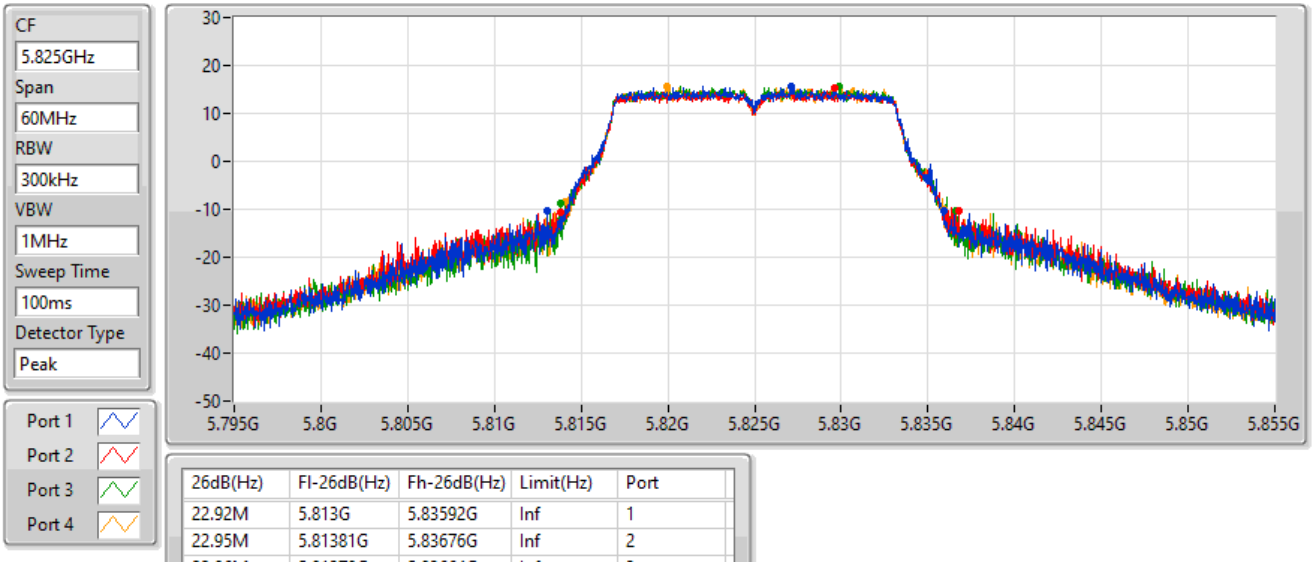


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.81684G	5.83319G	17.241M	5.816364G	5.833606G	500k	1
16.32M	5.81684G	5.83316G	17.211M	5.816394G	5.833606G	500k	2
16.32M	5.81684G	5.83316G	17.061M	5.816514G	5.833576G	500k	3
16.32M	5.81684G	5.83316G	17.061M	5.816484G	5.833546G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

11/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.92M	5.813G	5.83592G	Inf	1
22.95M	5.81381G	5.83676G	Inf	2
22.86M	5.81378G	5.83664G	Inf	3
21.84M	5.81405G	5.83589G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.75M	19.25M	19M2D1D	15.675M	14.543M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	45.6M	38.141M	38M1D1D	35.245M	33.793M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	88.32M	77.961M	78M0D1D	75.9M	73.313M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	156.642M	157MD1D	164.64M	156.402M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.96M	19.25M	19M2D1D	4.4M	4.678M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.74M	38.201M	38M2D1D	3.78M	4.158M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.16M	77.961M	78M0D1D	3.78M	4.178M

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

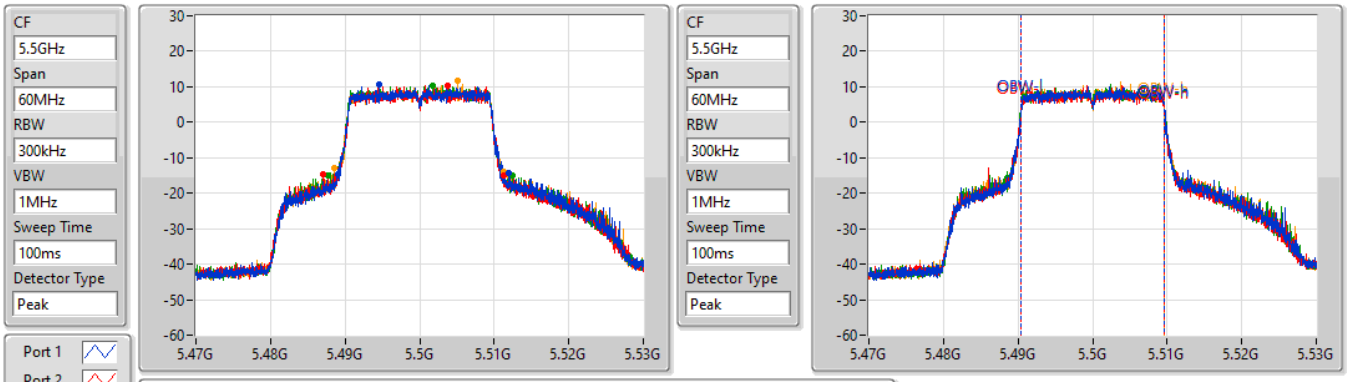
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5500MHz	Pass	Inf	23.04M	19.25M	24.09M	19.22M	24.75M	19.25M	22.62M	19.25M
5580MHz	Pass	Inf	21.81M	19.1M	21.63M	19.1M	21.66M	19.1M	21.78M	19.16M
5700MHz	Pass	Inf	21.75M	19.1M	21.72M	19.13M	21.78M	19.13M	21.63M	19.07M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	14.543M	15.675M	14.543M	15.795M	14.543M	15.81M	14.543M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.698M	4.48M	4.718M	4.42M	4.678M	4.4M	4.718M
5745MHz	Pass	500k	18.72M	19.22M	18.72M	19.25M	18.69M	19.22M	18.78M	19.22M
5785MHz	Pass	500k	18.9M	19.13M	18.84M	19.16M	18.87M	19.13M	18.87M	19.1M
5825MHz	Pass	500k	18.84M	19.13M	18.96M	19.13M	18.69M	19.13M	18.9M	19.16M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	45.6M	38.141M	44.1M	38.141M	44.82M	38.141M	42.06M	38.081M
5550MHz	Pass	Inf	40.86M	37.901M	40.38M	38.021M	40.26M	38.021M	40.44M	38.021M
5670MHz	Pass	Inf	40.68M	37.901M	40.62M	37.901M	40.5M	37.961M	40.32M	37.961M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.245M	33.828M	35.245M	33.828M	35.245M	33.793M	35.245M	33.863M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4M	4.158M	3.78M	4.158M	3.92M	4.158M	4M	4.158M
5755MHz	Pass	500k	37.74M	38.201M	37.44M	38.141M	37.44M	38.081M	37.68M	38.081M
5795MHz	Pass	500k	37.38M	37.961M	37.62M	38.021M	37.68M	37.961M	37.5M	37.961M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5530MHz	Pass	Inf	83.88M	77.841M	88.32M	77.841M	84.24M	77.961M	87.24M	77.961M
5610MHz	Pass	Inf	81.96M	77.481M	81.84M	77.481M	82.2M	77.601M	81.72M	77.601M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.538M	75.9M	73.313M	76.05M	73.538M	75.9M	73.538M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.198M	3.9M	4.198M	3.92M	4.178M	3.78M	4.198M
5775MHz	Pass	500k	77.04M	77.961M	77.04M	77.961M	75.84M	77.841M	77.16M	77.961M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5570MHz	Pass	Inf	164.64M	156.402M	165.12M	156.642M	165.12M	156.402M	165.12M	156.402M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

11/06/2022

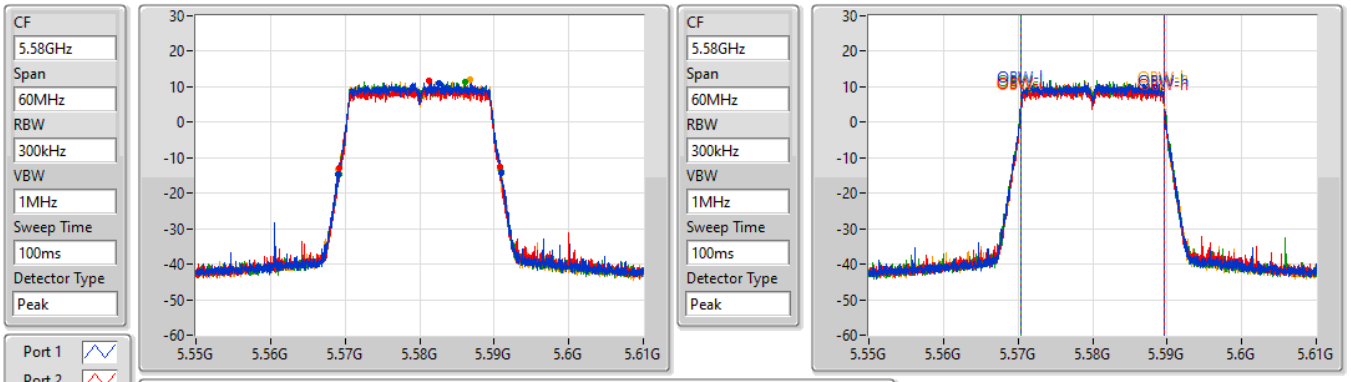


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.04M	5.48899G	5.51203G	19.25M	5.490435G	5.509685G	Inf	1
24.09M	5.48713G	5.51122G	19.22M	5.490435G	5.509655G	Inf	2
24.75M	5.4877G	5.51245G	19.25M	5.490405G	5.509655G	Inf	3
22.62M	5.4886G	5.51122G	19.25M	5.490435G	5.509685G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

11/06/2022

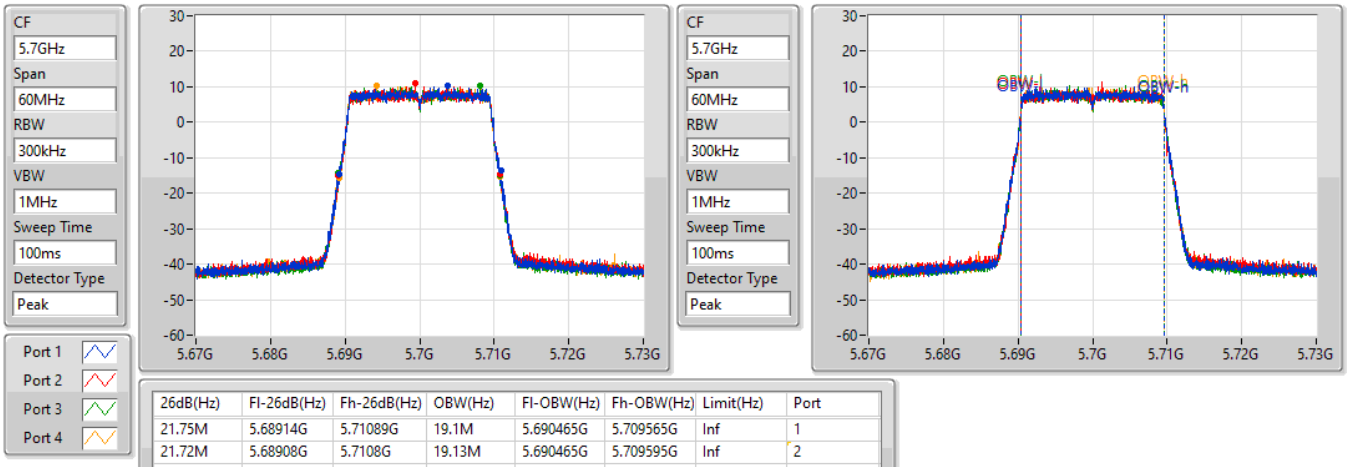


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.56908G	5.59089G	19.1M	5.570465G	5.589565G	Inf	1
21.63M	5.56917G	5.5908G	19.1M	5.570465G	5.589565G	Inf	2
21.66M	5.56926G	5.59092G	19.1M	5.570465G	5.589565G	Inf	3
21.78M	5.56908G	5.59086G	19.16M	5.570435G	5.589595G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

11/06/2022

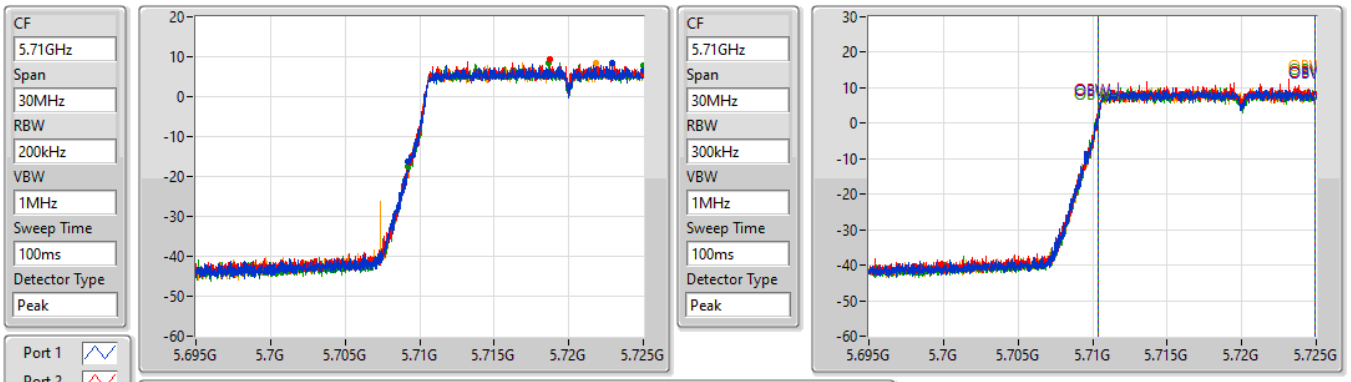


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.68914G	5.71089G	19.1M	5.690465G	5.709565G	Inf	1
21.72M	5.68908G	5.7108G	19.13M	5.690465G	5.709595G	Inf	2
21.78M	5.68905G	5.71083G	19.13M	5.690435G	5.709565G	Inf	3
21.63M	5.6892G	5.71083G	19.07M	5.690465G	5.709535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

11/06/2022

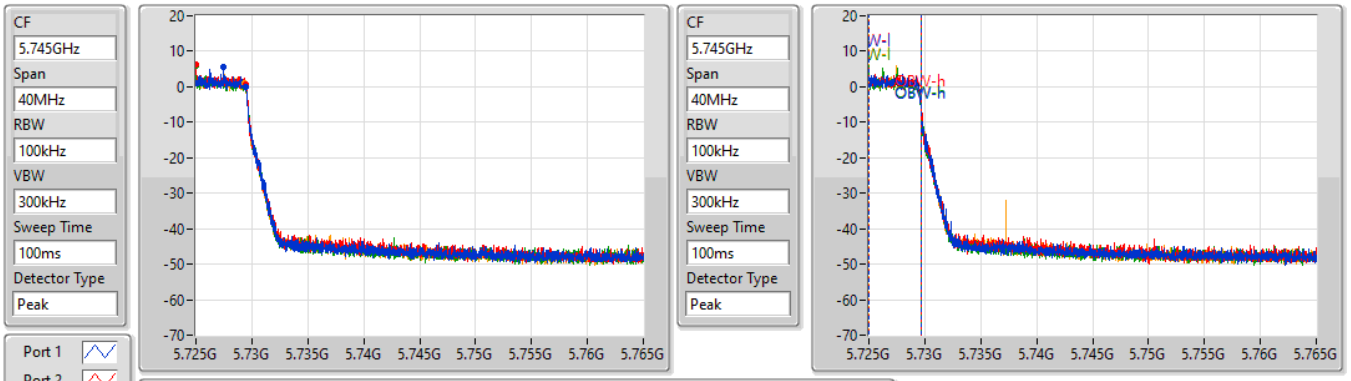


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.795M	5.709205G	5.725G	14.543M	5.71039G	5.724933G	Inf	1
15.675M	5.709325G	5.725G	14.543M	5.71039G	5.724933G	Inf	2
15.795M	5.709205G	5.725G	14.543M	5.71039G	5.724933G	Inf	3
15.81M	5.70919G	5.725G	14.543M	5.71039G	5.724933G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

11/06/2022

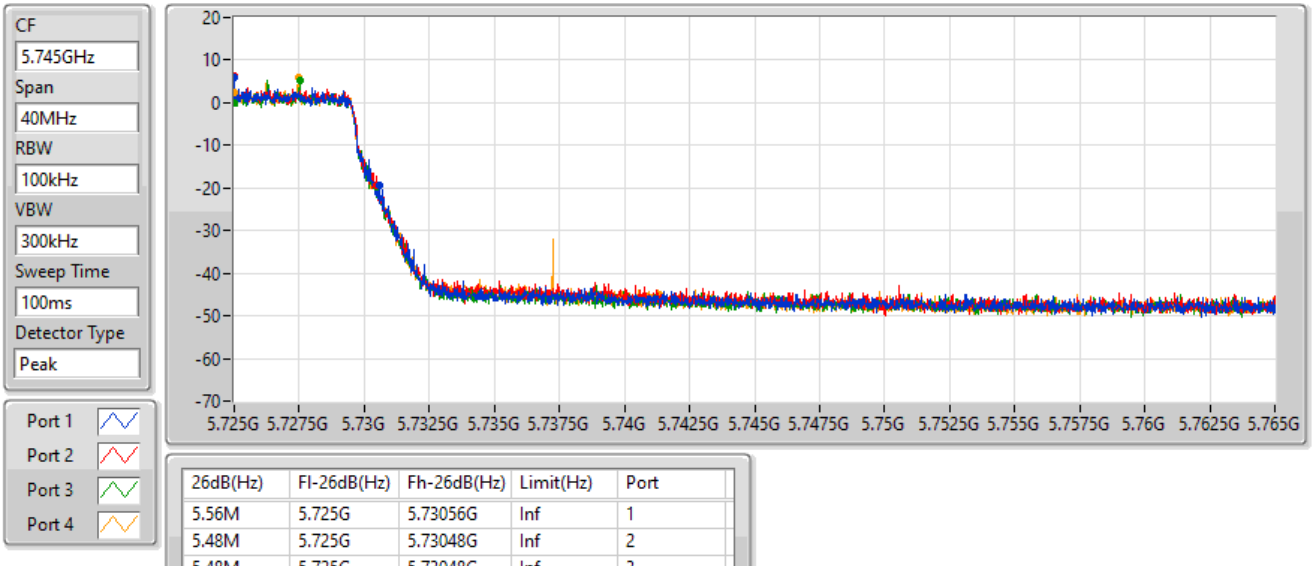


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.48M	5.725G	5.72948G	4.698M	5.72501G	5.729708G	500k	1
4.48M	5.725G	5.72948G	4.718M	5.72501G	5.729728G	500k	2
4.42M	5.725G	5.72942G	4.678M	5.72503G	5.729708G	500k	3
4.4M	5.725G	5.7294G	4.718M	5.72501G	5.729728G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

11/06/2022

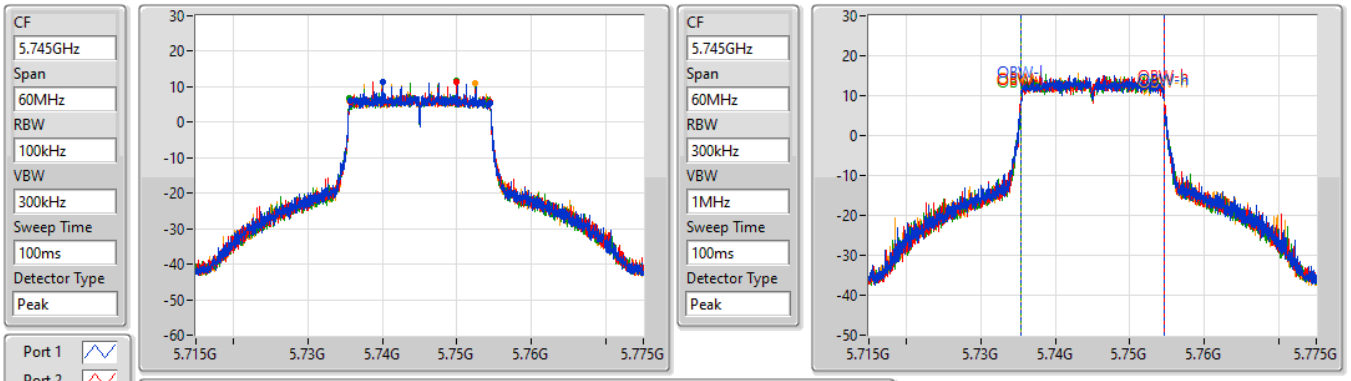


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
5.56M	5.725G	5.73056G	Inf	1
5.48M	5.725G	5.73048G	Inf	2
5.48M	5.725G	5.73048G	Inf	3
5.46M	5.725G	5.73046G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

11/06/2022

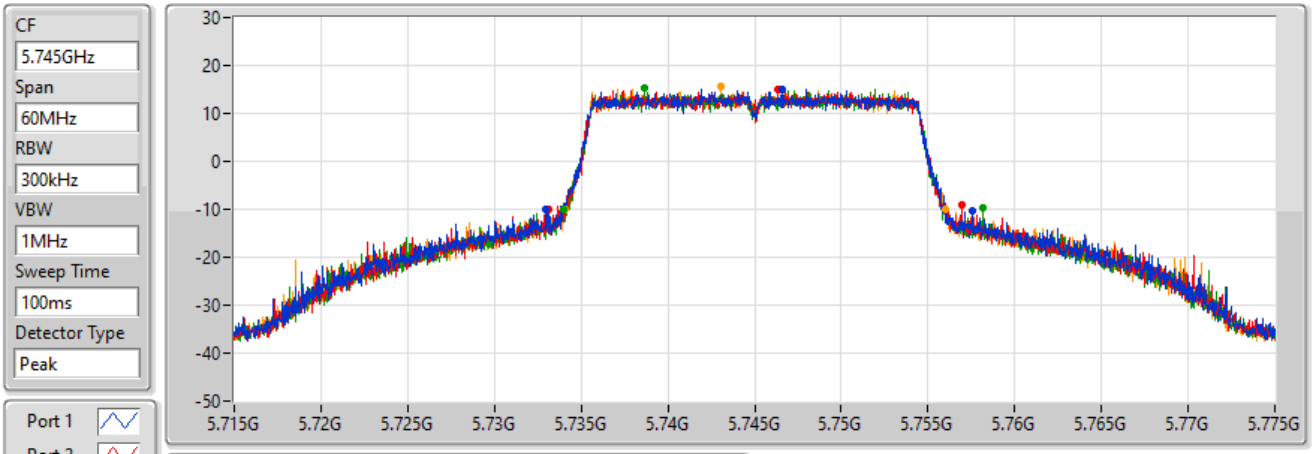


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.72M	5.73567G	5.75439G	19.22M	5.735405G	5.754625G	500k	1
18.72M	5.7357G	5.75442G	19.25M	5.735345G	5.754595G	500k	2
18.69M	5.73561G	5.7543G	19.22M	5.735405G	5.754625G	500k	3
18.78M	5.73555G	5.75433G	19.22M	5.735375G	5.754595G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

11/06/2022

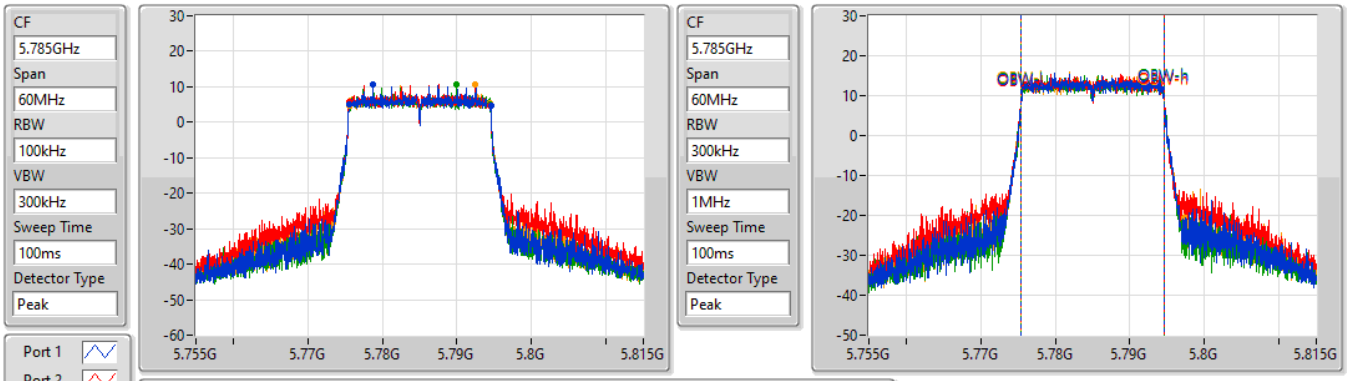


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
24.6M	5.73297G	5.75757G	Inf	1
23.88M	5.73309G	5.75697G	Inf	2
24.12M	5.73402G	5.75814G	Inf	3
21.96M	5.73405G	5.75601G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

11/06/2022

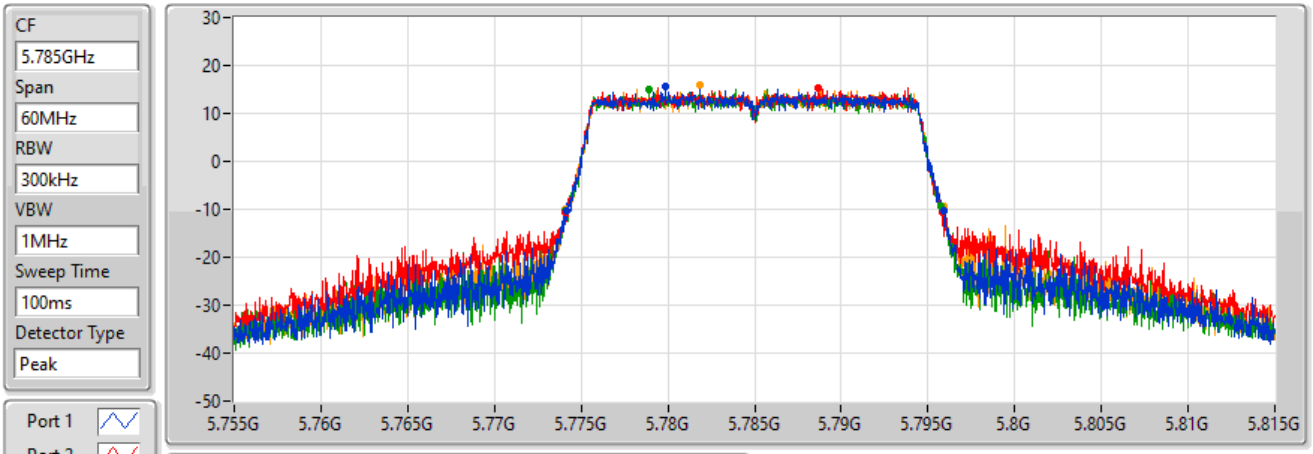


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.77564G	5.79454G	19.13M	5.775465G	5.794595G	500k	1
18.84M	5.77564G	5.79448G	19.16M	5.775435G	5.794595G	500k	2
18.87M	5.77558G	5.79445G	19.13M	5.775435G	5.794565G	500k	3
18.87M	5.77558G	5.79445G	19.1M	5.775465G	5.794565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

11/06/2022

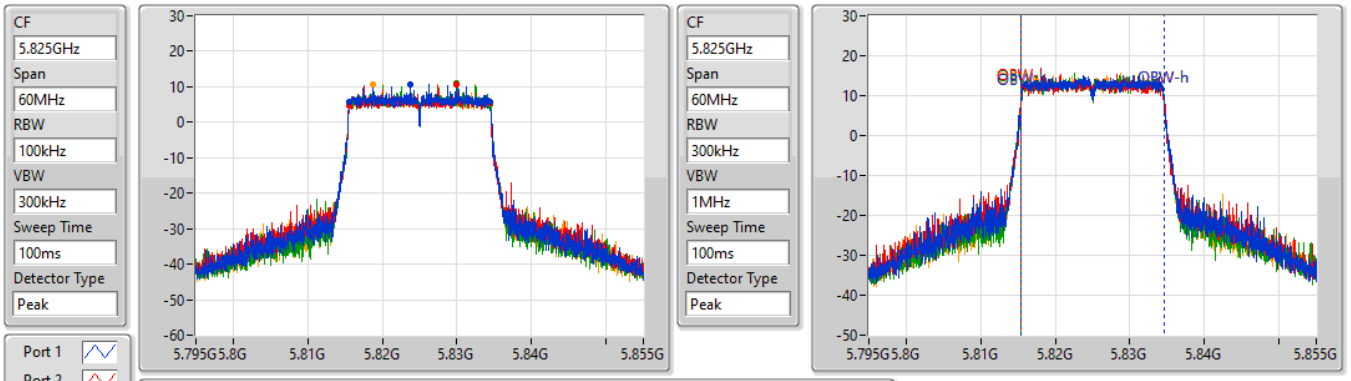


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.72M	5.77417G	5.79589G	Inf	1
21.81M	5.77405G	5.79586G	Inf	2
21.6M	5.77411G	5.79571G	Inf	3
21.9M	5.77405G	5.79595G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

11/06/2022

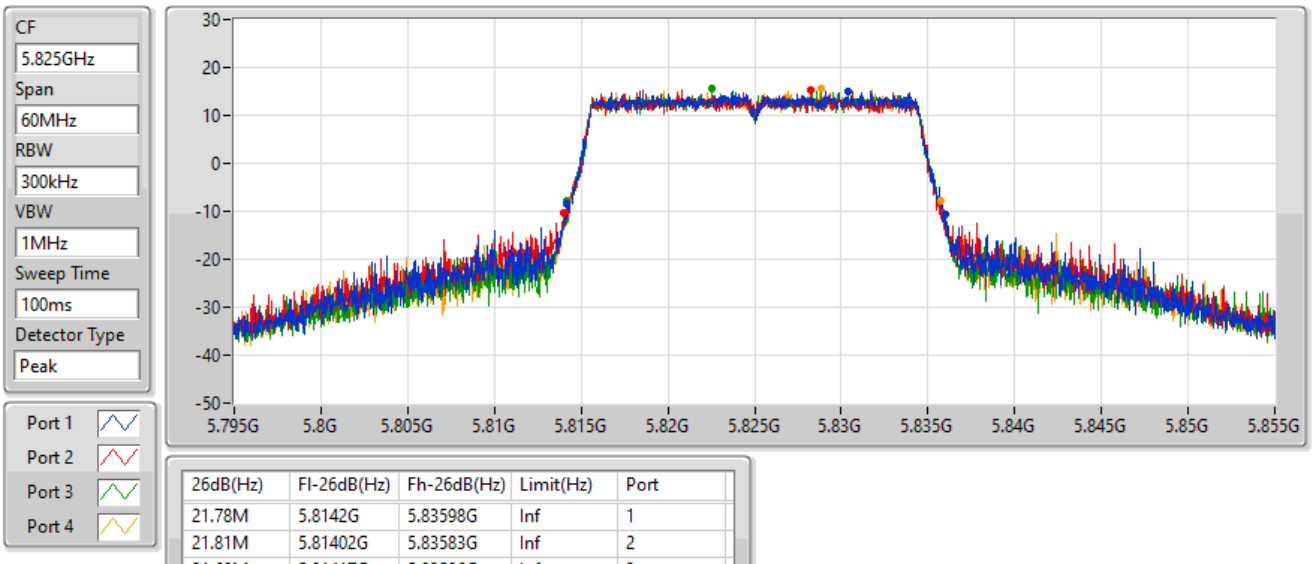


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.81561G	5.83445G	19.13M	5.815435G	5.834565G	500k	1
18.96M	5.81552G	5.83448G	19.13M	5.815435G	5.834565G	500k	2
18.69M	5.8157G	5.83439G	19.13M	5.815465G	5.834595G	500k	3
18.9M	5.81558G	5.83448G	19.16M	5.815405G	5.834565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

11/06/2022

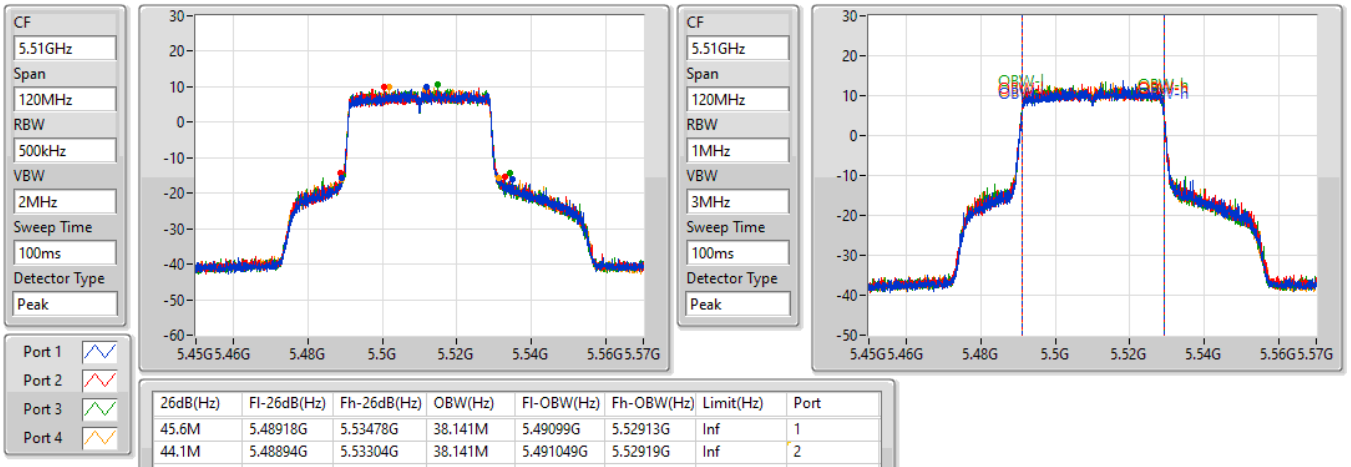


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.78M	5.8142G	5.83598G	Inf	1
21.81M	5.81402G	5.83583G	Inf	2
21.69M	5.81417G	5.83586G	Inf	3
21.48M	5.81423G	5.83571G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

11/06/2022

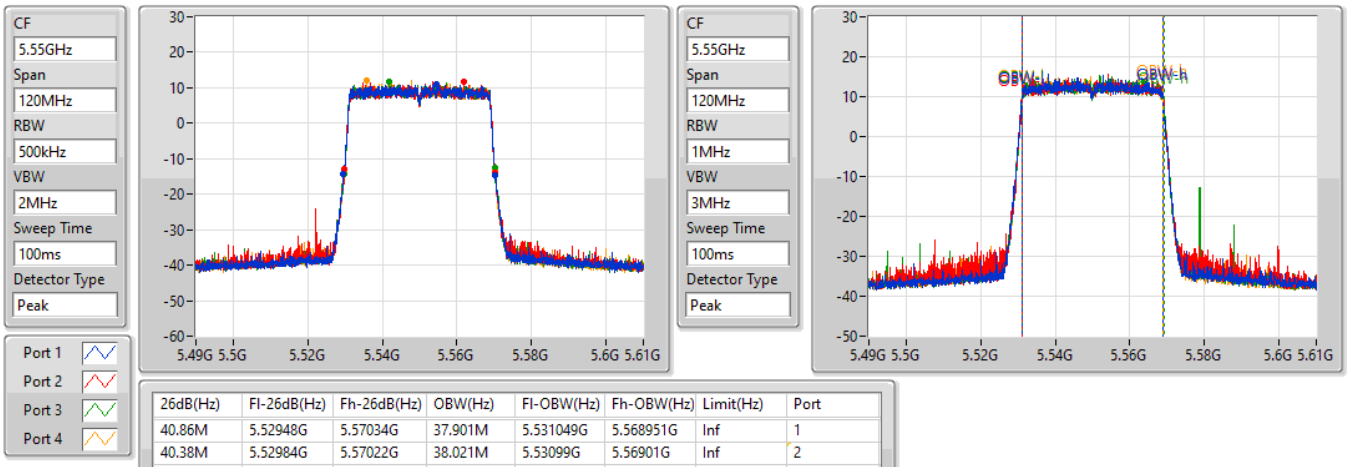


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.6M	5.48918G	5.53478G	38.141M	5.49099G	5.52913G	Inf	1
44.1M	5.48894G	5.53304G	38.141M	5.491049G	5.52919G	Inf	2
44.82M	5.48954G	5.53436G	38.141M	5.49099G	5.52913G	Inf	3
42.06M	5.48912G	5.53118G	38.081M	5.49099G	5.52907G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

11/06/2022

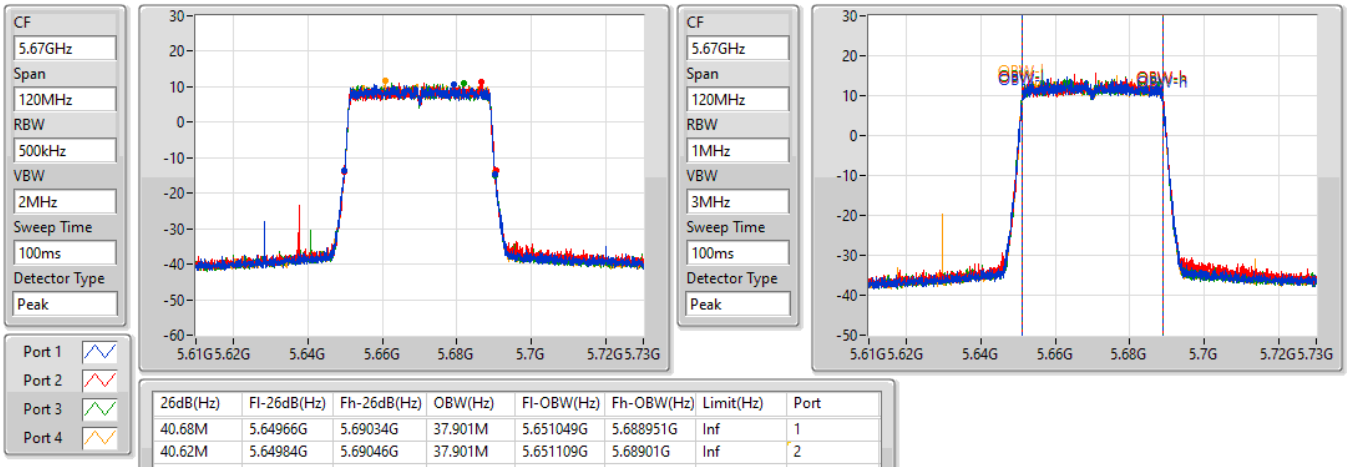


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.52948G	5.57034G	37.901M	5.531049G	5.568951G	Inf	1
40.38M	5.52984G	5.57022G	38.021M	5.53099G	5.56901G	Inf	2
40.26M	5.5299G	5.57016G	38.021M	5.531049G	5.56907G	Inf	3
40.44M	5.52972G	5.57016G	38.021M	5.53099G	5.56901G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

11/06/2022

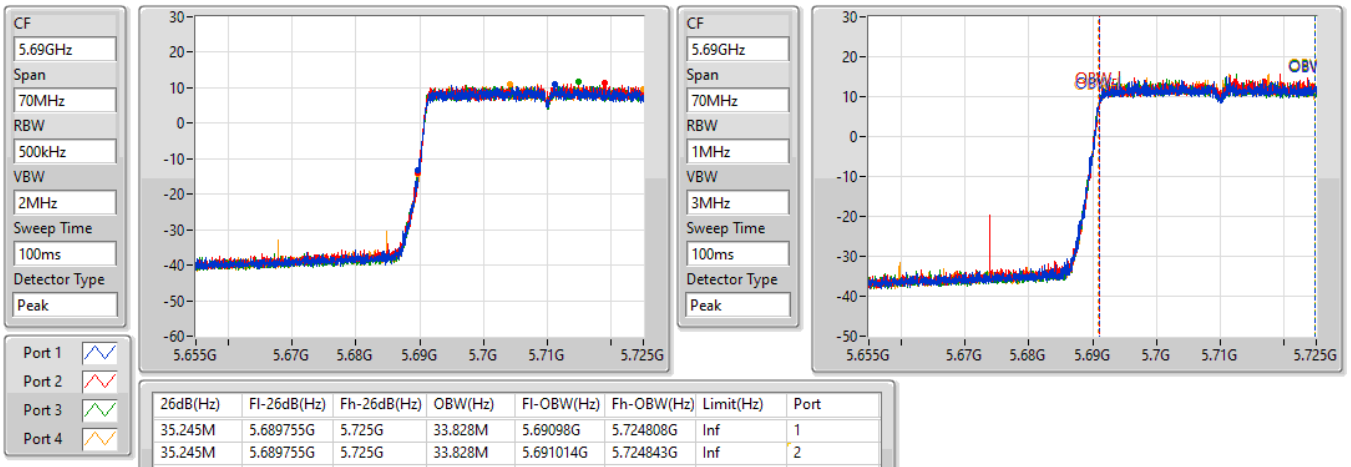


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.68M	5.64966G	5.69034G	37.901M	5.651049G	5.688951G	Inf	1
40.62M	5.64984G	5.69046G	37.901M	5.651109G	5.68901G	Inf	2
40.5M	5.64984G	5.69034G	37.961M	5.651049G	5.68901G	Inf	3
40.32M	5.6499G	5.69022G	37.961M	5.65099G	5.688951G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

11/06/2022

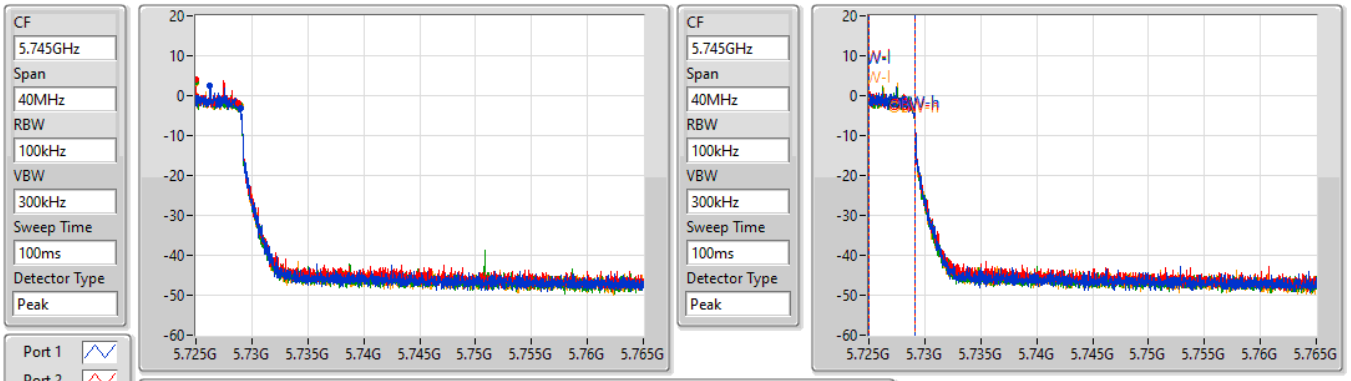


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.245M	5.689755G	5.725G	33.828M	5.69098G	5.724808G	Inf	1
35.245M	5.689755G	5.725G	33.828M	5.691014G	5.724843G	Inf	2
35.245M	5.689755G	5.725G	33.793M	5.691014G	5.724808G	Inf	3
35.245M	5.689755G	5.725G	33.863M	5.690945G	5.724808G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

11/06/2022

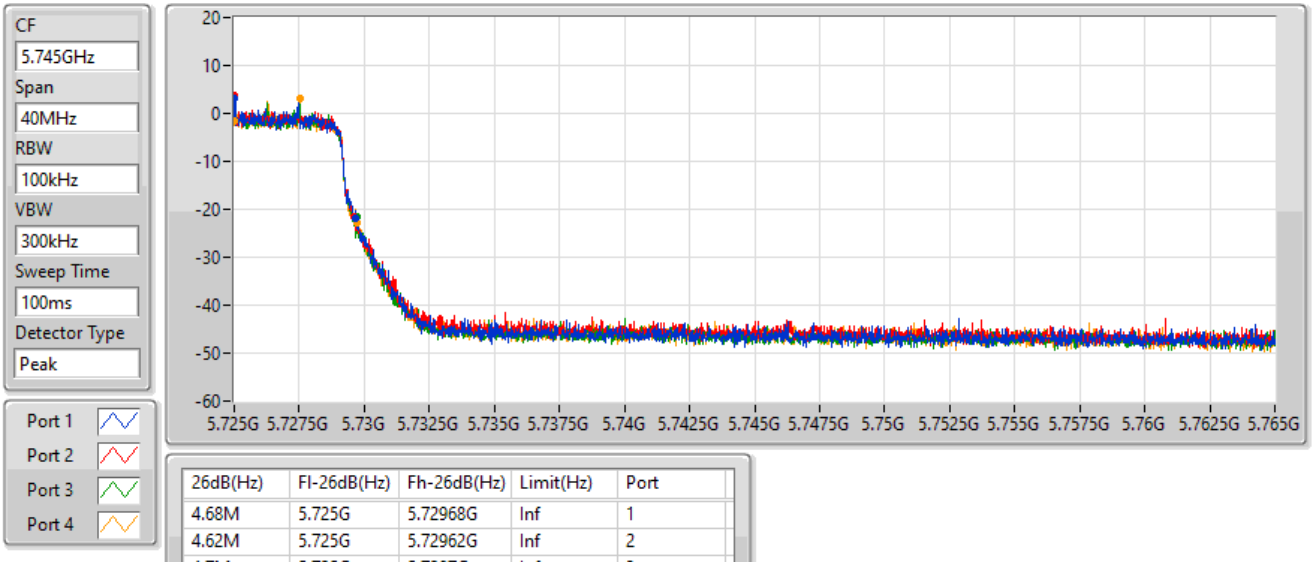


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4M	5.725G	5.729G	4.158M	5.72501G	5.729168G	500k	1
3.78M	5.725G	5.72878G	4.158M	5.72501G	5.729168G	500k	2
3.92M	5.725G	5.72892G	4.158M	5.72501G	5.729168G	500k	3
4M	5.725G	5.729G	4.158M	5.72501G	5.729168G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

11/06/2022

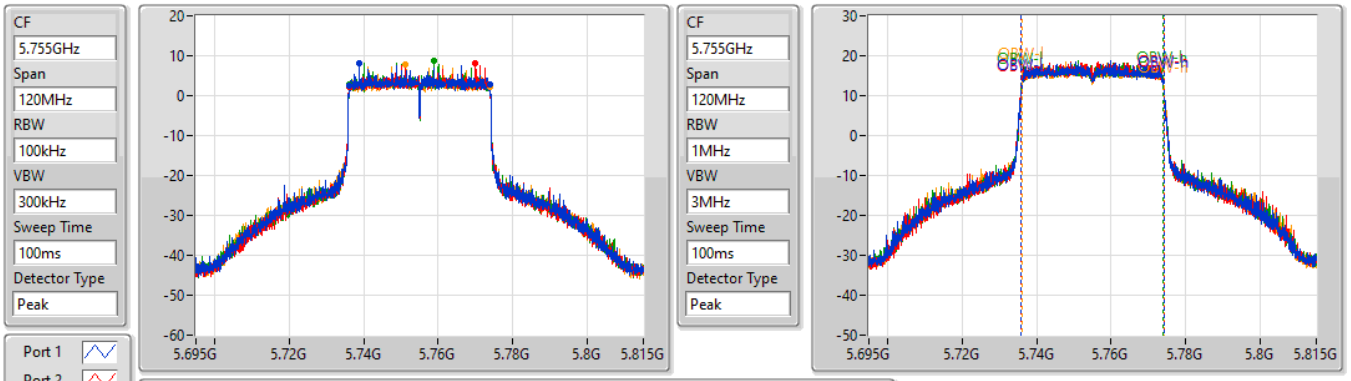


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.68M	5.725G	5.72968G	Inf	1
4.62M	5.725G	5.72962G	Inf	2
4.7M	5.725G	5.7297G	Inf	3
4.72M	5.725G	5.72972G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

11/06/2022

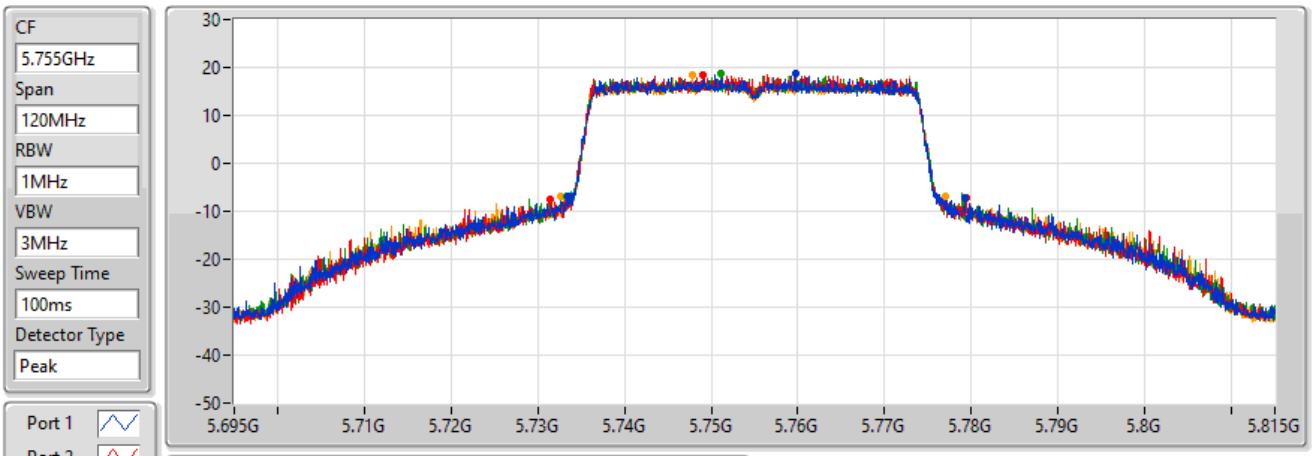


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.7361G	5.77384G	38.201M	5.73593G	5.77413G	500k	1
37.44M	5.73616G	5.7736G	38.141M	5.73593G	5.77407G	500k	2
37.44M	5.73616G	5.7736G	38.081M	5.73593G	5.77401G	500k	3
37.68M	5.73616G	5.77384G	38.081M	5.73599G	5.77407G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

11/06/2022

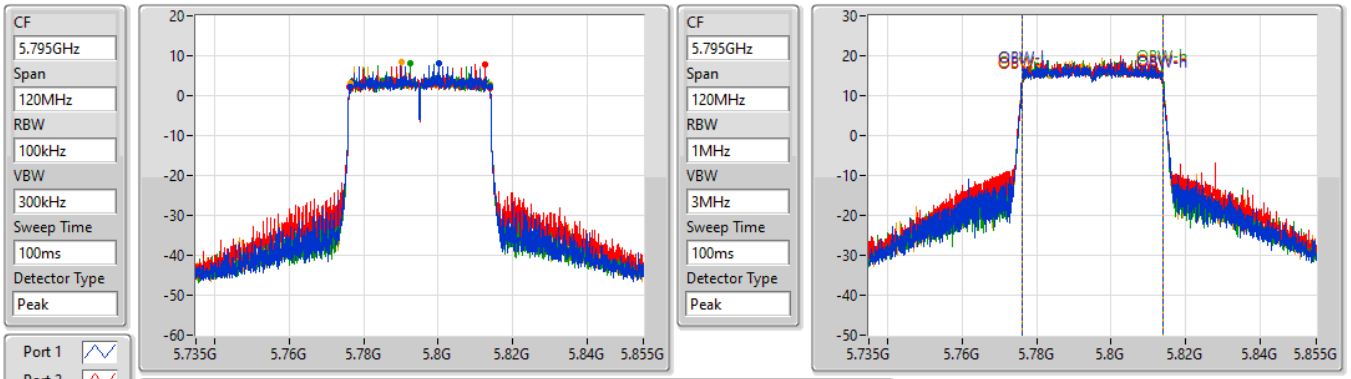


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
45.72M	5.73352G	5.77924G	Inf	1
48.06M	5.73142G	5.77948G	Inf	2
46.14M	5.73334G	5.77948G	Inf	3
44.52M	5.73256G	5.77708G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

11/06/2022

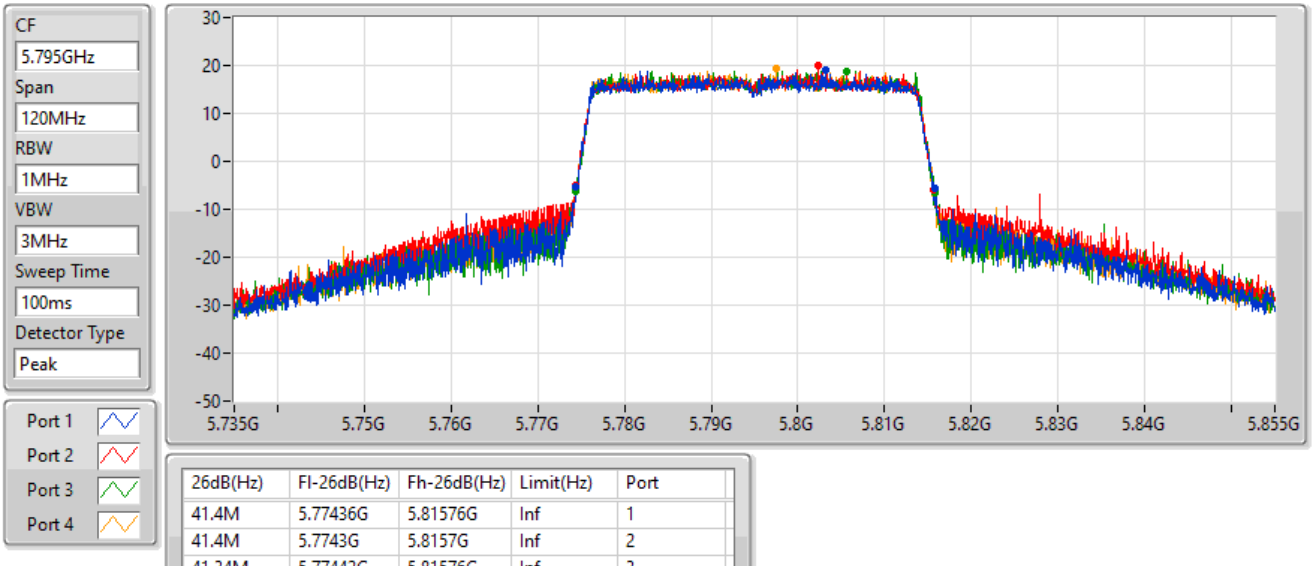


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.77634G	5.81372G	37.961M	5.77599G	5.813951G	500k	1
37.62M	5.7761G	5.81372G	38.021M	5.77599G	5.81401G	500k	2
37.68M	5.77616G	5.81384G	37.961M	5.776049G	5.81401G	500k	3
37.5M	5.77634G	5.81384G	37.961M	5.776049G	5.81401G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

11/06/2022

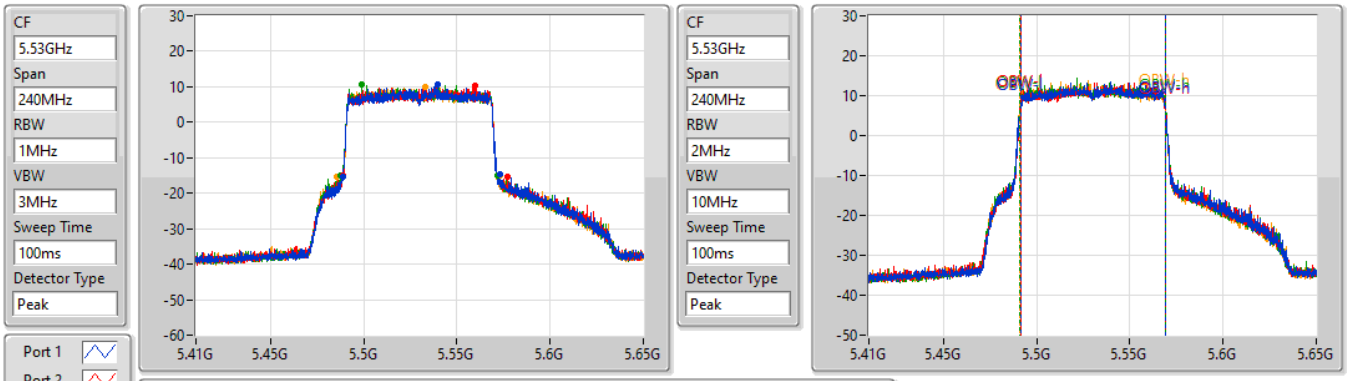


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.4M	5.77436G	5.81576G	Inf	1
41.4M	5.7743G	5.8157G	Inf	2
41.34M	5.77442G	5.81576G	Inf	3
41.22M	5.77442G	5.81564G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

11/06/2022

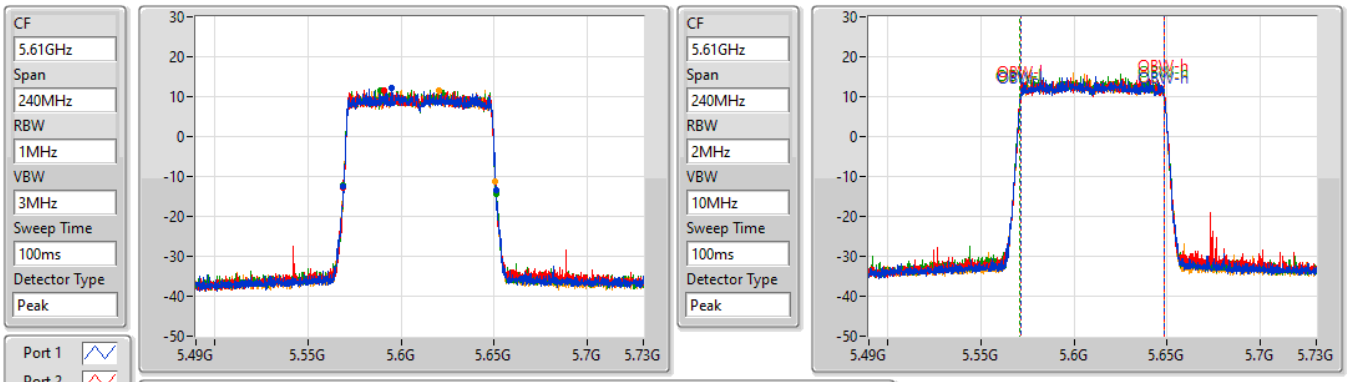


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.88M	5.48896G	5.57284G	77.841M	5.491259G	5.5691G	Inf	1
88.32M	5.48884G	5.57716G	77.841M	5.491259G	5.5691G	Inf	2
84.24M	5.48764G	5.57188G	77.961M	5.491139G	5.5691G	Inf	3
87.24M	5.4856G	5.57284G	77.961M	5.491019G	5.568981G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

11/06/2022

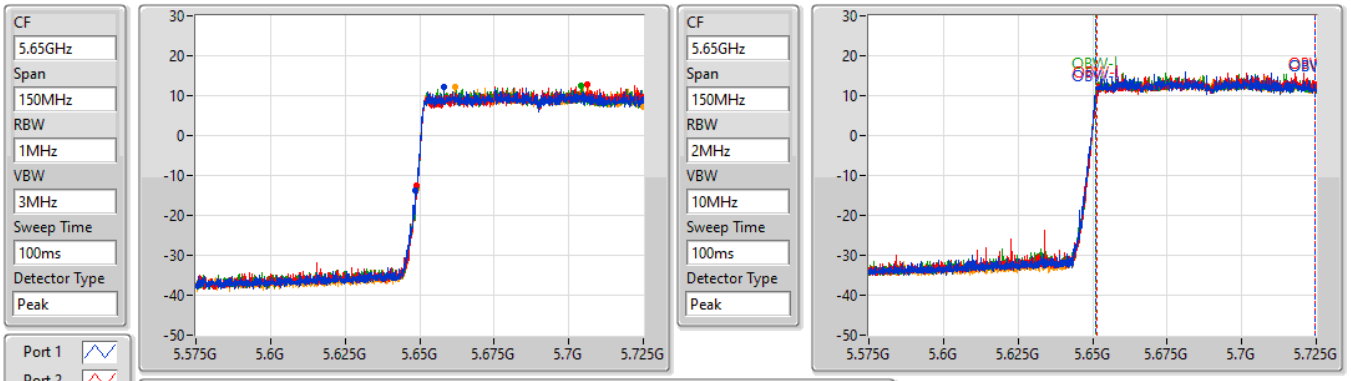


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.56896G	5.65092G	77.481M	5.571259G	5.648741G	Inf	1
81.84M	5.56908G	5.65092G	77.481M	5.571259G	5.648741G	Inf	2
82.2M	5.56896G	5.65116G	77.601M	5.571139G	5.648741G	Inf	3
81.72M	5.56896G	5.65068G	77.601M	5.571139G	5.648741G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

11/06/2022

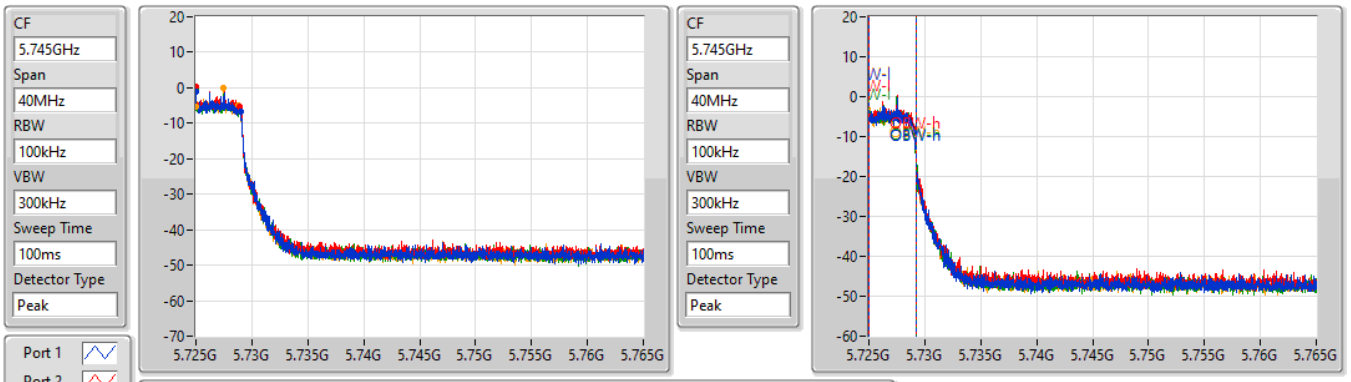


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.275M	5.648725G	5.725G	73.538M	5.650975G	5.724513G	Inf	1
75.9M	5.6491G	5.725G	73.313M	5.651274G	5.724588G	Inf	2
76.05M	5.64895G	5.725G	73.538M	5.650975G	5.724513G	Inf	3
75.9M	5.6491G	5.725G	73.538M	5.651049G	5.724588G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

11/06/2022

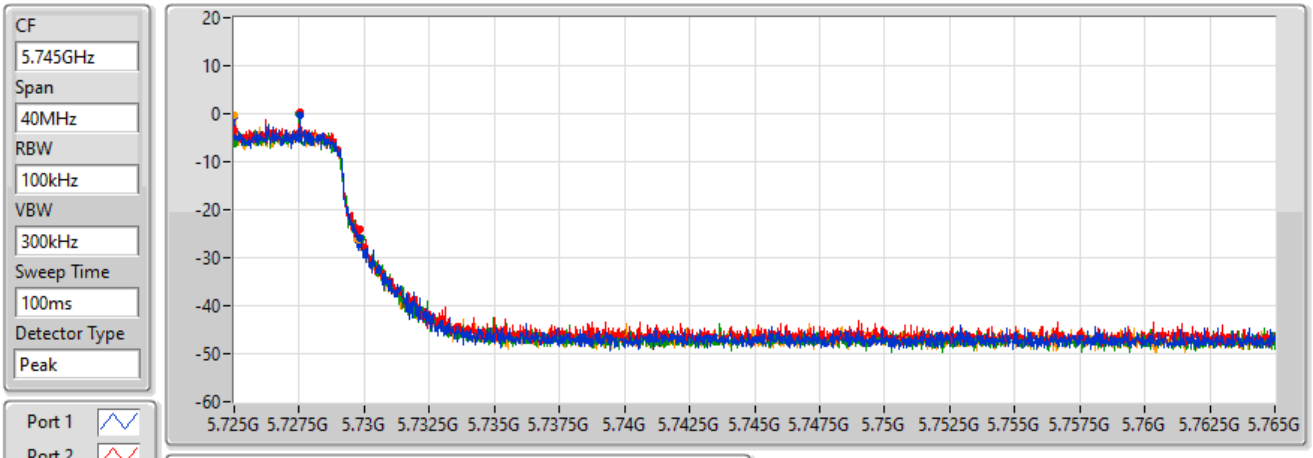


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.96M	5.725G	5.72896G	4.198M	5.72501G	5.729208G	500k	1
3.9M	5.725G	5.7289G	4.198M	5.72501G	5.729208G	500k	2
3.92M	5.725G	5.72892G	4.178M	5.72503G	5.729208G	500k	3
3.78M	5.725G	5.72878G	4.198M	5.72501G	5.729208G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

11/06/2022

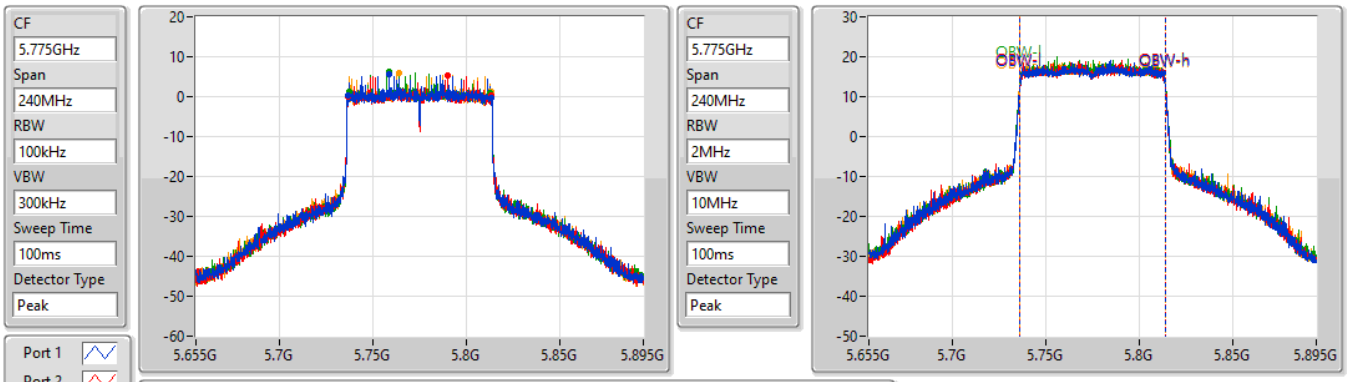


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
4.86M	5.725G	5.72986G	Inf	1
4.82M	5.725G	5.72982G	Inf	2
4.88M	5.725G	5.72988G	Inf	3
4.8M	5.725G	5.7298G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

11/06/2022



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.04M	5.73672G	5.81376G	77.961M	5.736019G	5.813981G	500k	1
77.04M	5.73672G	5.81376G	77.961M	5.736019G	5.813981G	500k	2
75.84M	5.7372G	5.81304G	77.841M	5.736139G	5.813981G	500k	3
77.16M	5.73624G	5.8134G	77.961M	5.736019G	5.813981G	500k	4

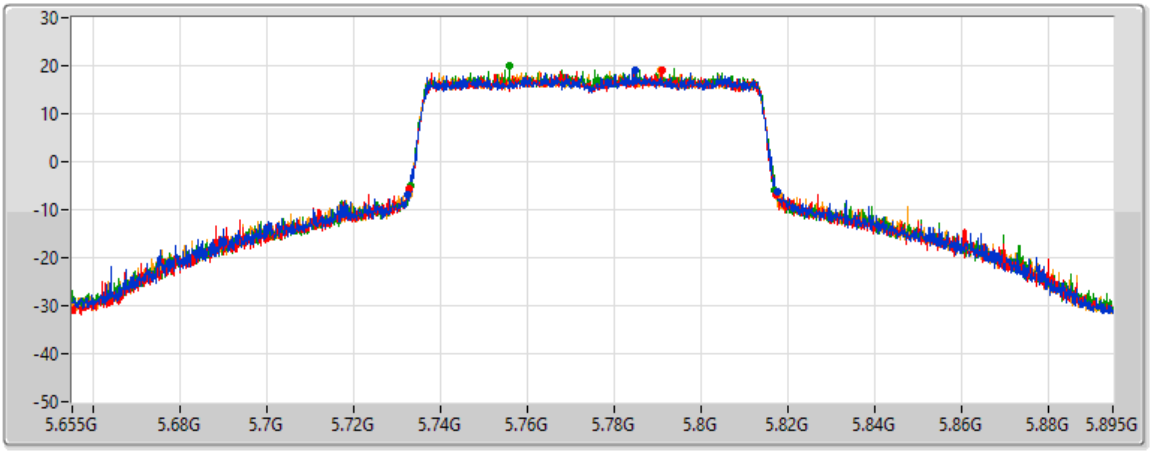
802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

11/06/2022

CF	5.775GHz
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)	Limit(Hz)	Port
85.2M	5.73228G	5.81748G	Inf	1
84.48M	5.73276G	5.81724G	Inf	2
84M	5.733G	5.817G	Inf	3
85.44M	5.73264G	5.81808G	Inf	4

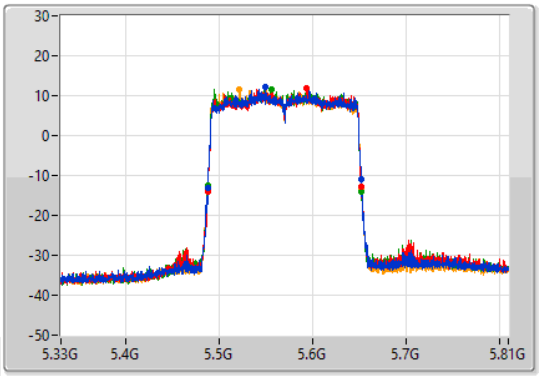
802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5570MHz

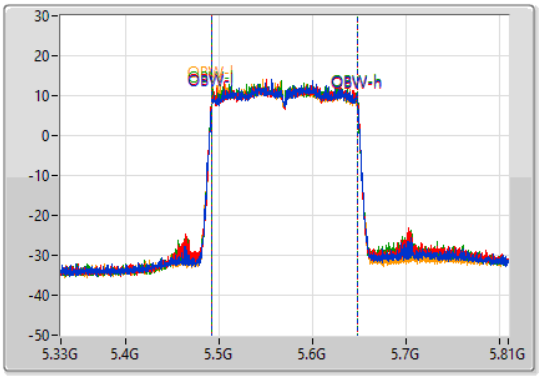
11/06/2022

CF	5.57GHz
Span	480MHz
RBW	2MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak

Port 1 Port 2 Port 3 Port 4



CF	5.57GHz
Span	480MHz
RBW	3MHz
VBW	10MHz
Sweep Time	100ms
Detector Type	Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.64M	5.48768G	5.65232G	156.402M	5.491799G	5.648201G	Inf	1
165.12M	5.48768G	5.6528G	156.642M	5.491799G	5.648441G	Inf	2
165.12M	5.48768G	5.6528G	156.402M	5.491799G	5.648201G	Inf	3
165.12M	5.4872G	5.65232G	156.402M	5.491799G	5.648201G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.96M	19.28M	19M3D1D	18.72M	19.1M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	37.74M	38.141M	38M1D1D	37.14M	38.021M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	77.04M	78.081M	78M1D1D	76.32M	77.961M

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

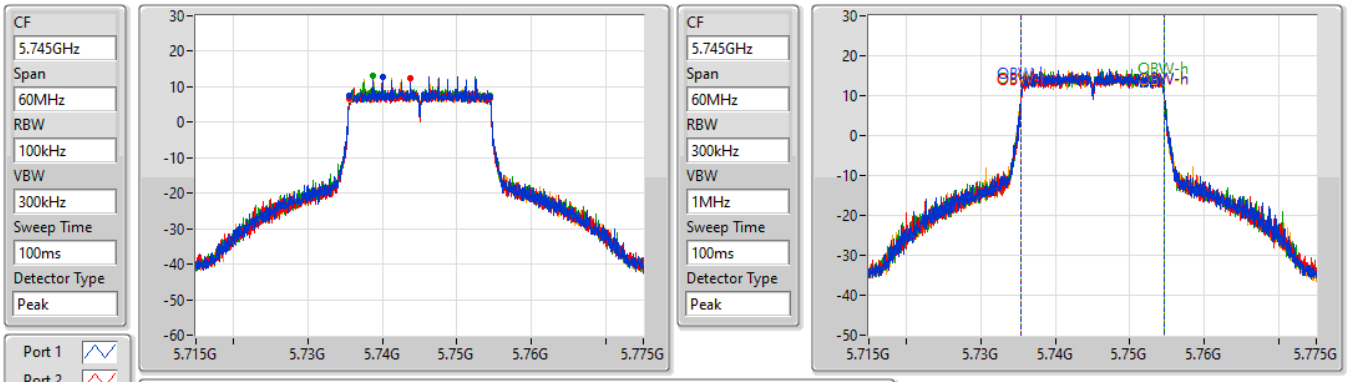
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	18.78M	19.28M	18.81M	19.19M	18.72M	19.25M	18.84M	19.22M
5785MHz	Pass	500k	18.87M	19.13M	18.96M	19.16M	18.93M	19.13M	18.93M	19.1M
5825MHz	Pass	500k	18.93M	19.13M	18.9M	19.16M	18.93M	19.19M	18.84M	19.13M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	37.38M	38.081M	37.44M	38.141M	37.14M	38.141M	37.38M	38.081M
5795MHz	Pass	500k	37.56M	38.021M	37.74M	38.081M	37.62M	38.021M	37.68M	38.081M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	77.04M	77.961M	76.92M	78.081M	76.56M	78.081M	76.32M	78.081M

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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5745MHz

11/06/2022

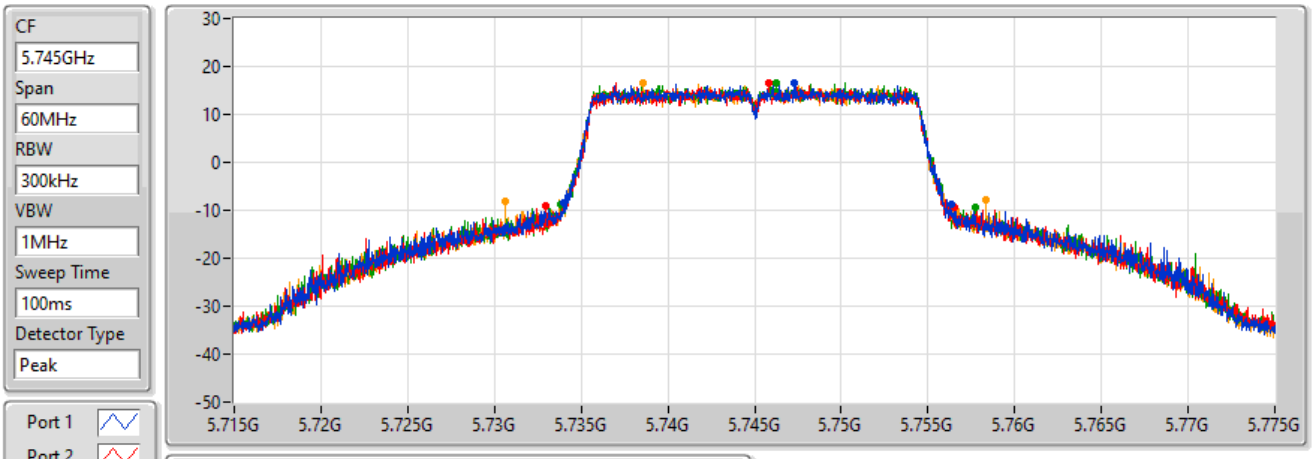


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.78M	5.73561G	5.75439G	19.28M	5.735375G	5.754655G	500k	1
18.81M	5.73564G	5.75445G	19.19M	5.735435G	5.754625G	500k	2
18.72M	5.73576G	5.75448G	19.25M	5.735405G	5.754655G	500k	3
18.84M	5.73564G	5.75448G	19.22M	5.735405G	5.754625G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5745MHz

11/06/2022

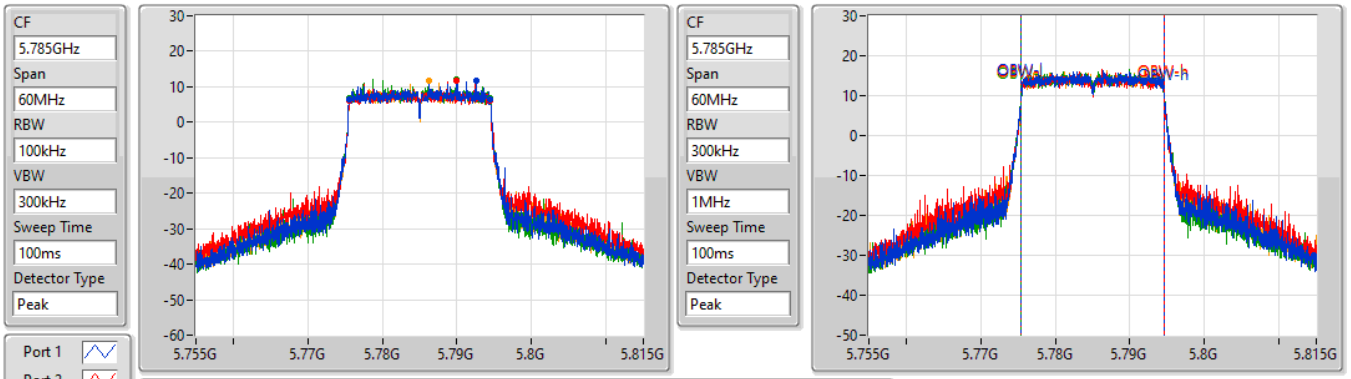


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.35M	5.73399G	5.75634G	Inf	1
23.55M	5.73297G	5.75652G	Inf	2
23.91M	5.73381G	5.75772G	Inf	3
27.75M	5.73063G	5.75838G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5785MHz

11/06/2022

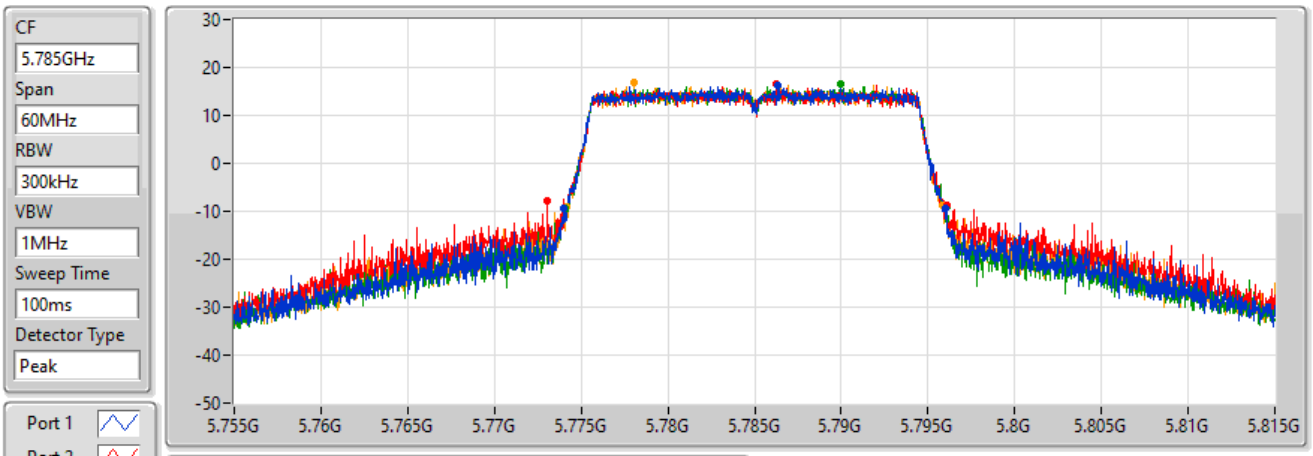


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.77561G	5.79448G	19.13M	5.775465G	5.794595G	500k	1
18.96M	5.77555G	5.79451G	19.16M	5.775435G	5.794595G	500k	2
18.93M	5.77558G	5.79451G	19.13M	5.775465G	5.794595G	500k	3
18.93M	5.77555G	5.79448G	19.1M	5.775465G	5.794565G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5785MHz

11/06/2022

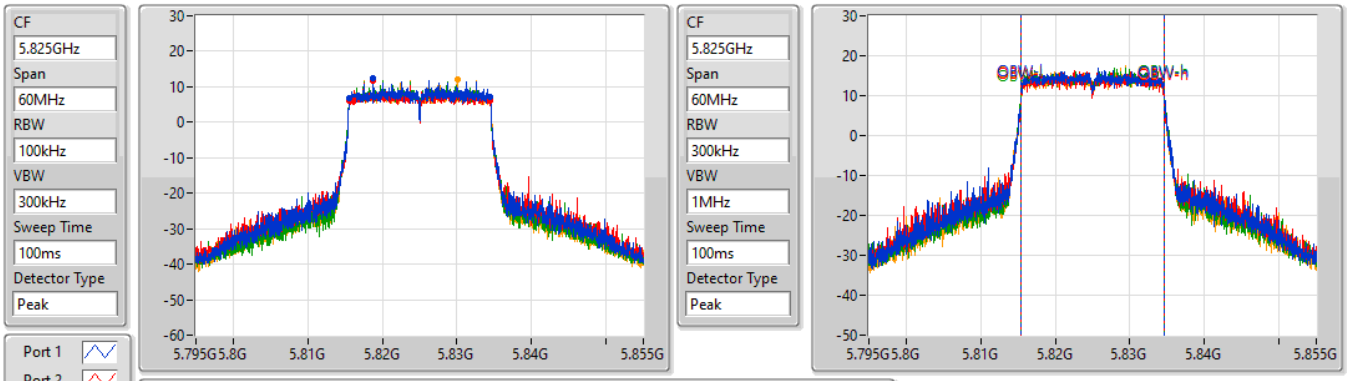


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
21.96M	5.77402G	5.79598G	Inf	1
23.04M	5.77303G	5.79607G	Inf	2
22.02M	5.77405G	5.79607G	Inf	3
21.66M	5.77417G	5.79583G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5825MHz

11/06/2022

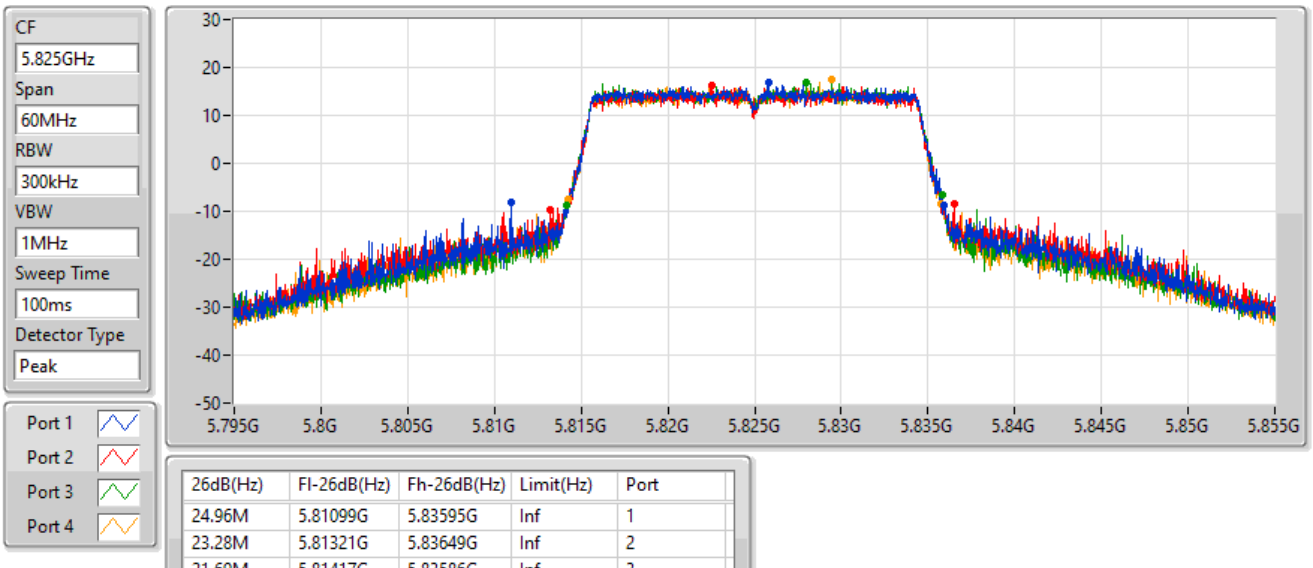


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.81555G	5.83448G	19.13M	5.815465G	5.834595G	500k	1
18.9M	5.81555G	5.83445G	19.16M	5.815435G	5.834595G	500k	2
18.93M	5.81555G	5.83448G	19.19M	5.815435G	5.834625G	500k	3
18.84M	5.81561G	5.83445G	19.13M	5.815465G	5.834595G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5825MHz

11/06/2022

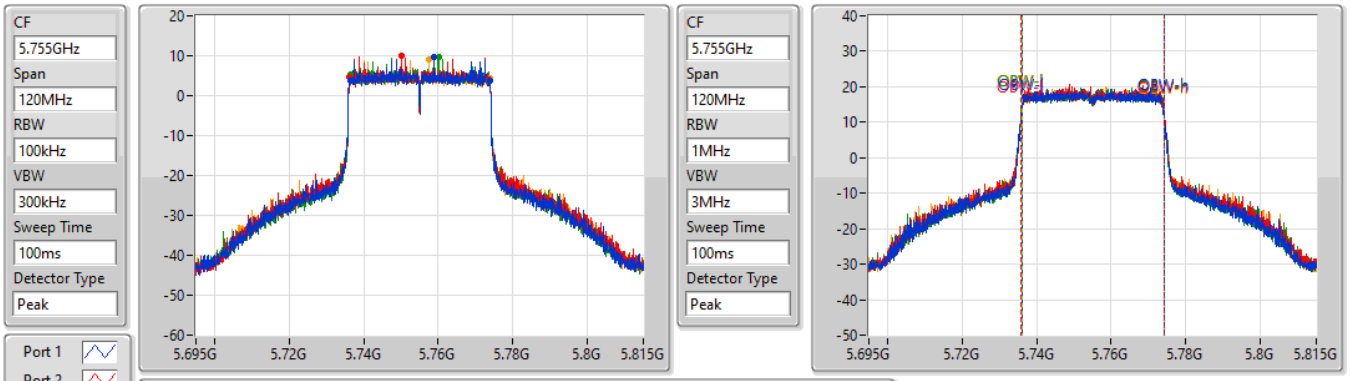


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
24.96M	5.81099G	5.83595G	Inf	1
23.28M	5.81321G	5.83649G	Inf	2
21.69M	5.81417G	5.83586G	Inf	3
21.45M	5.81426G	5.83571G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5755MHz

11/06/2022

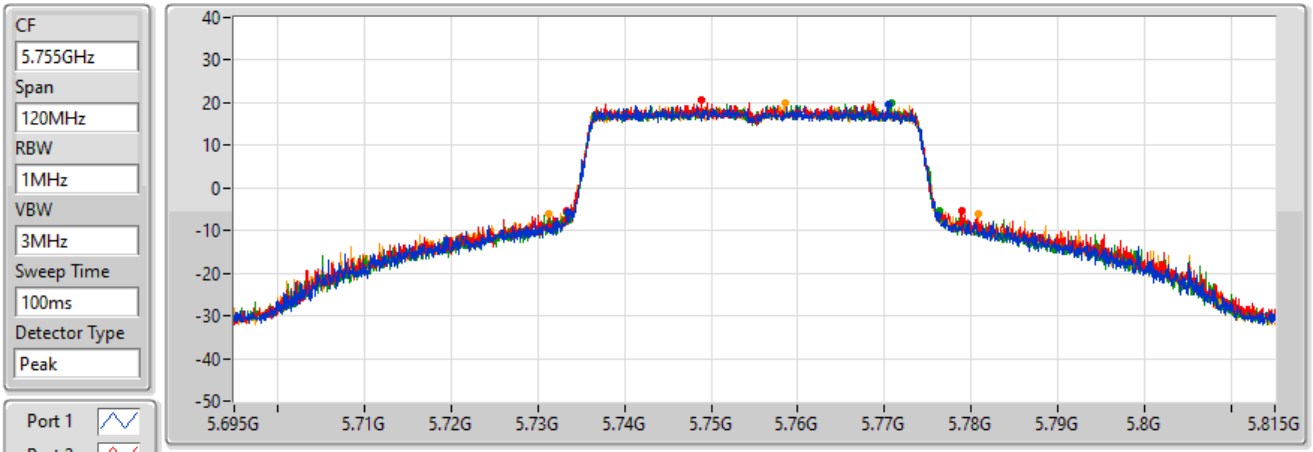


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.73634G	5.77372G	38.081M	5.73599G	5.77407G	500k	1
37.44M	5.73622G	5.77366G	38.141M	5.73593G	5.77407G	500k	2
37.14M	5.73652G	5.77366G	38.141M	5.73593G	5.77407G	500k	3
37.38M	5.7364G	5.77378G	38.081M	5.73599G	5.77407G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5755MHz

11/06/2022

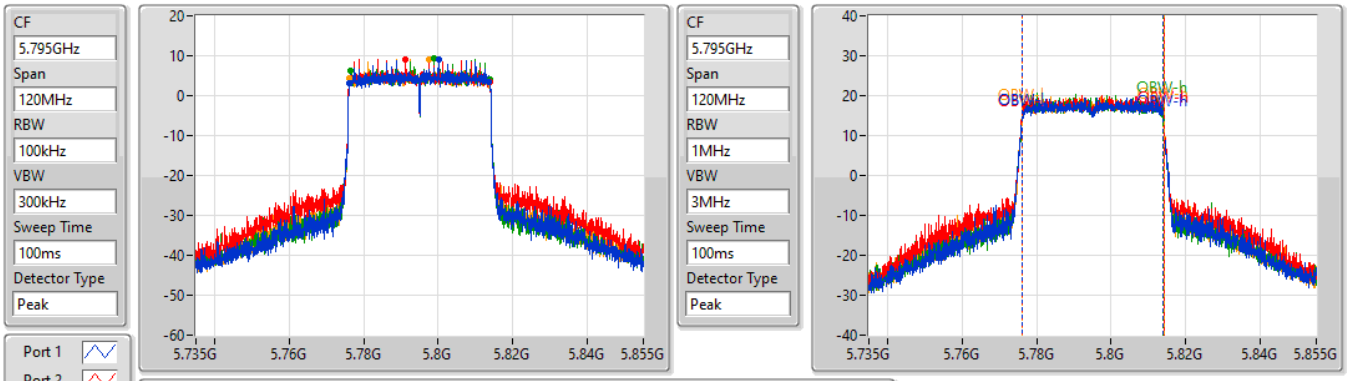


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
42.66M	5.73346G	5.77612G	Inf	1
45.6M	5.73328G	5.77888G	Inf	2
43.02M	5.73334G	5.77636G	Inf	3
49.56M	5.7313G	5.78086G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5795MHz

11/06/2022

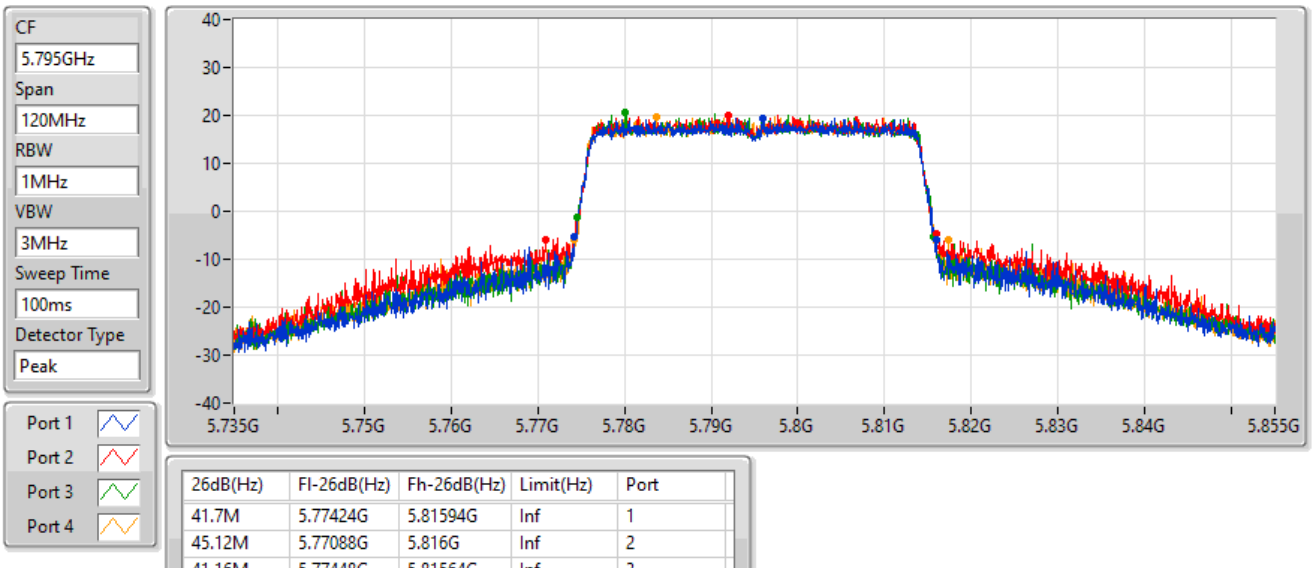


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.7761G	5.81366G	38.021M	5.77599G	5.81401G	500k	1
37.74M	5.77616G	5.8139G	38.081M	5.77599G	5.81407G	500k	2
37.62M	5.77634G	5.81396G	38.021M	5.77599G	5.81401G	500k	3
37.68M	5.77622G	5.8139G	38.081M	5.77599G	5.81407G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5795MHz

11/06/2022

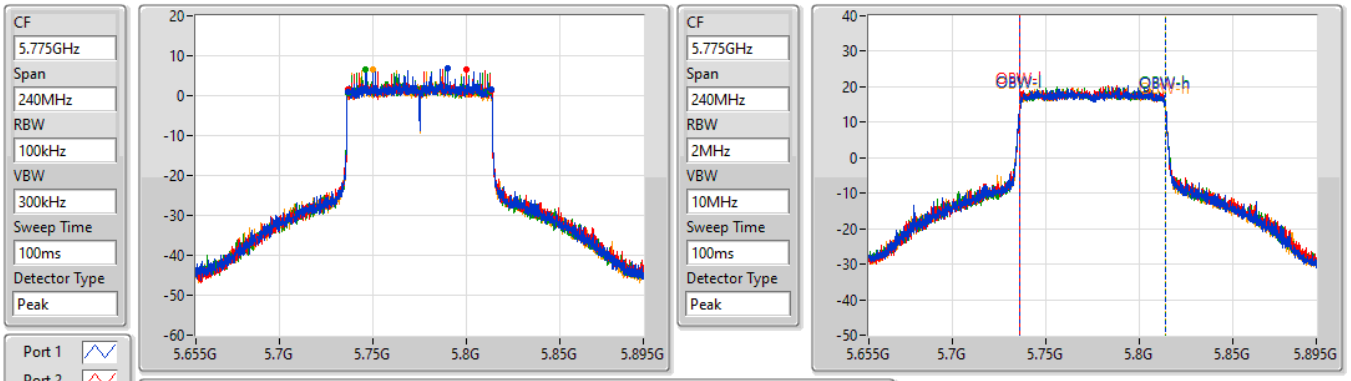


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.7M	5.77424G	5.81594G	Inf	1
45.12M	5.77088G	5.816G	Inf	2
41.16M	5.77448G	5.81564G	Inf	3
43.26M	5.77418G	5.81744G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5775MHz

11/06/2022

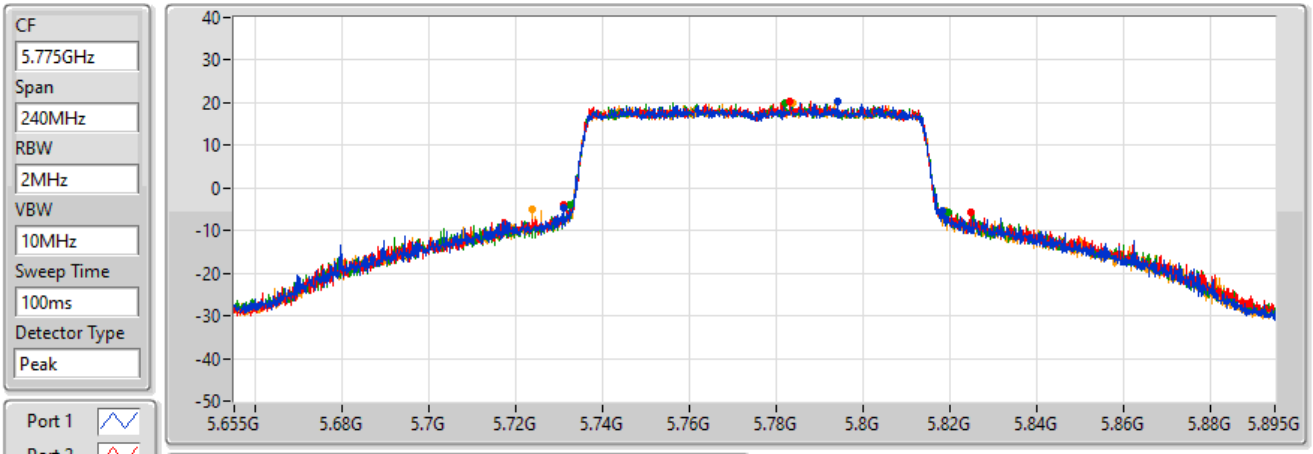


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.04M	5.73648G	5.81352G	77.961M	5.736019G	5.813981G	500k	1
76.92M	5.73684G	5.81376G	78.081M	5.7359G	5.813981G	500k	2
76.56M	5.73648G	5.81304G	78.081M	5.736019G	5.8141G	500k	3
76.32M	5.73684G	5.81316G	78.081M	5.736019G	5.8141G	500k	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5775MHz

11/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
87.48M	5.73084G	5.81832G	Inf	1
93.84M	5.73096G	5.8248G	Inf	2
87.6M	5.73228G	5.81988G	Inf	3
95.16M	5.72376G	5.81892G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.32M	17.421M	17M4D1D	16.26M	17.241M
5.85-5.895GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.32M	17.421M	17M4D1D	16.29M	17.211M

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

Result

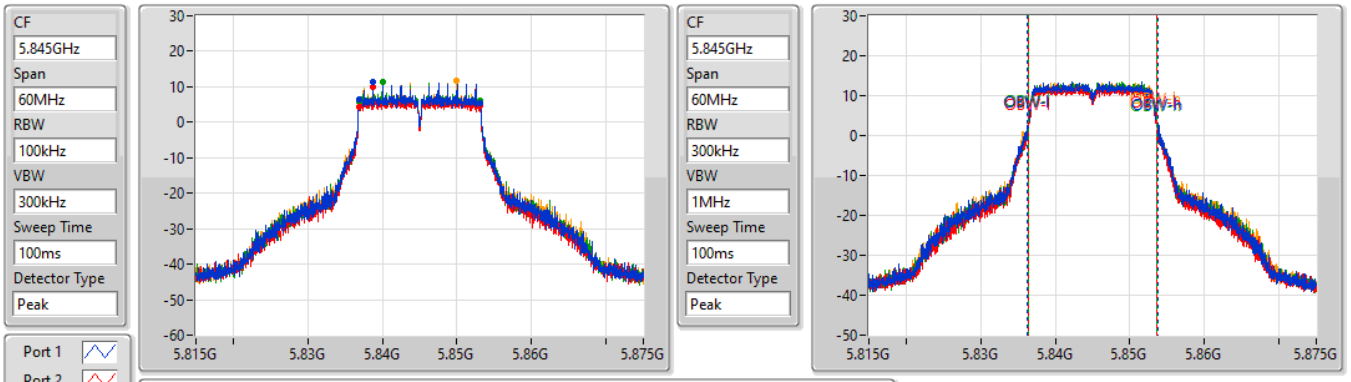
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5845MHz	Pass	500k	16.29M	17.421M	16.32M	17.331M	16.29M	17.241M	16.26M	17.271M
5865MHz	Pass	500k	16.32M	17.391M	16.32M	17.331M	16.29M	17.211M	16.32M	17.241M
5885MHz	Pass	500k	16.29M	17.421M	16.29M	17.301M	16.29M	17.211M	16.32M	17.271M

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)_4TX EBW

5845MHz

11/06/2022

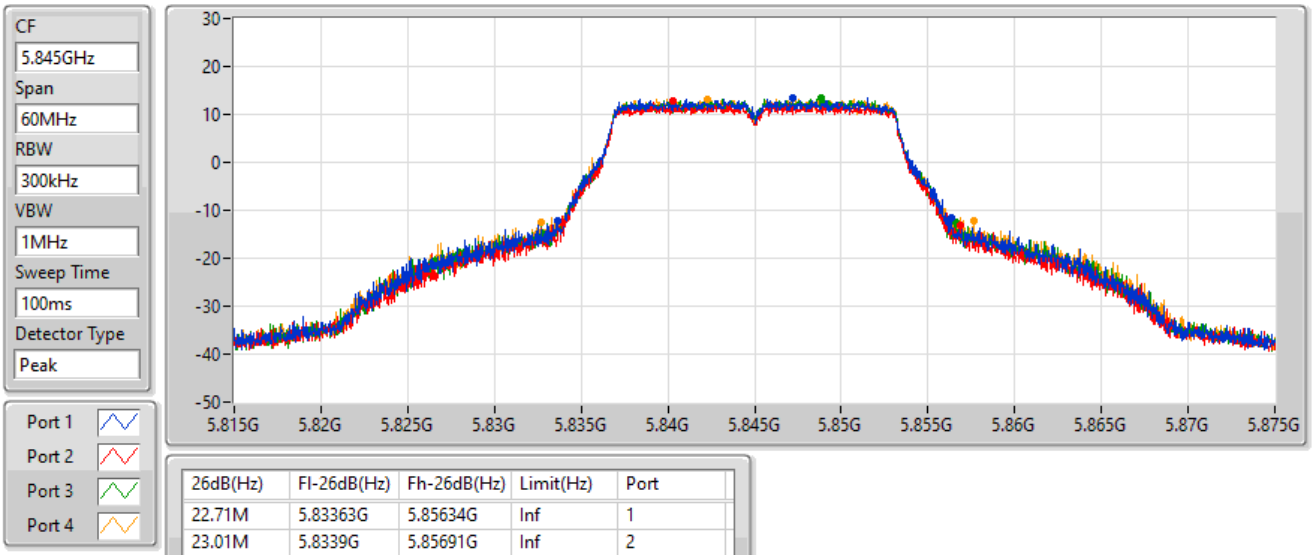


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.83687G	5.85316G	17.421M	5.836304G	5.853726G	500k	1
16.32M	5.83684G	5.85316G	17.331M	5.836334G	5.853666G	500k	2
16.29M	5.83687G	5.85316G	17.241M	5.836394G	5.853636G	500k	3
16.26M	5.83687G	5.85313G	17.271M	5.836334G	5.853606G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5845MHz

11/06/2022

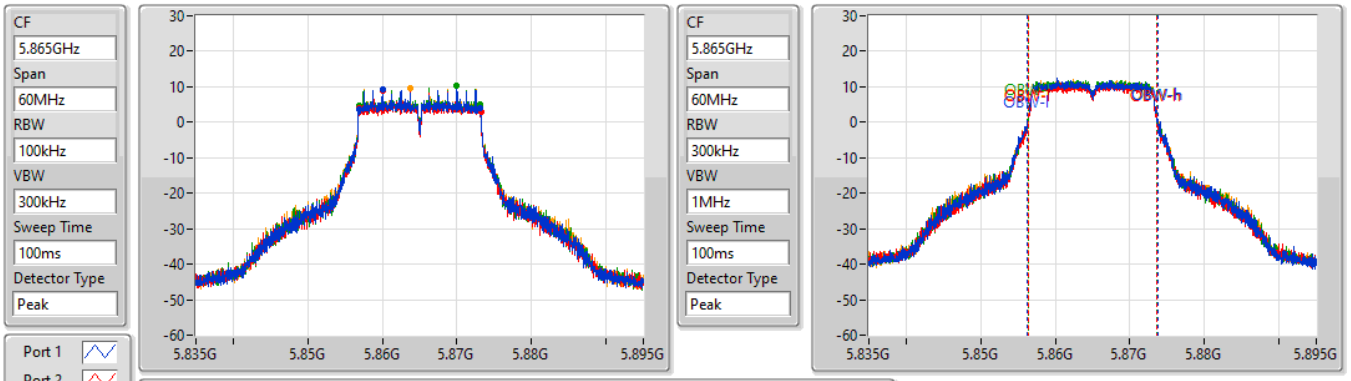


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.71M	5.83363G	5.85634G	Inf	1
23.01M	5.8339G	5.85691G	Inf	2
22.92M	5.83369G	5.85661G	Inf	3
24.93M	5.8327G	5.85763G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5865MHz

11/06/2022

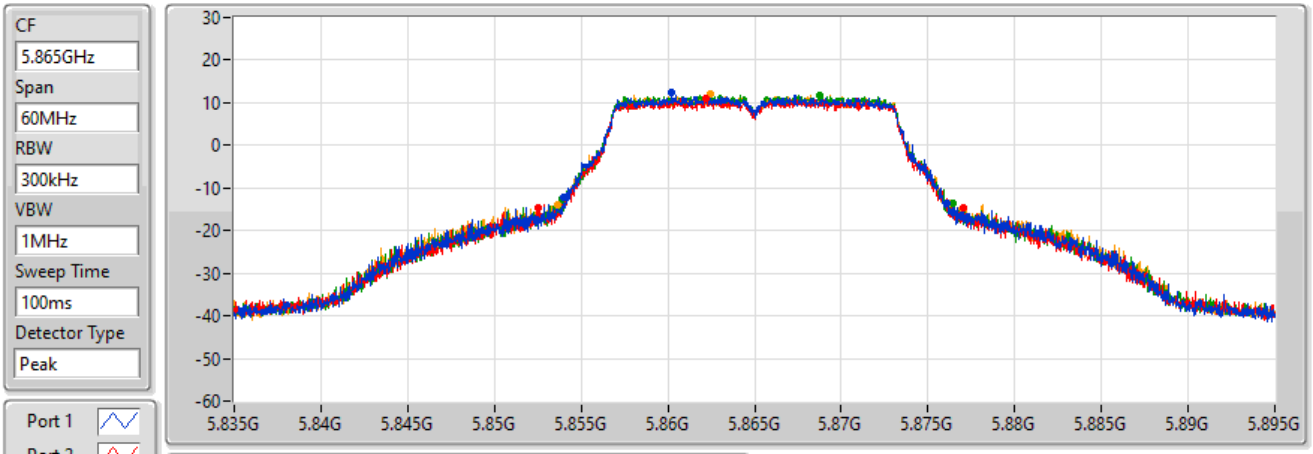


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.85684G	5.87316G	17.391M	5.856304G	5.873696G	500k	1
16.32M	5.85687G	5.87319G	17.331M	5.856334G	5.873666G	500k	2
16.29M	5.85687G	5.87316G	17.211M	5.856424G	5.873636G	500k	3
16.32M	5.85684G	5.87316G	17.241M	5.856394G	5.873636G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5865MHz

11/06/2022

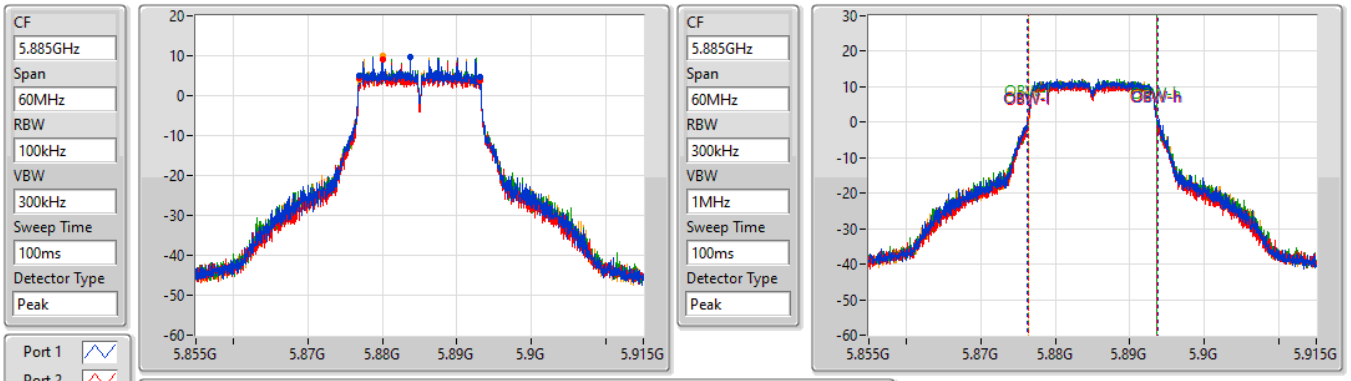


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.08M	5.85402G	5.8761G	Inf	1
24.51M	5.85249G	5.877G	Inf	2
22.5M	5.85393G	5.87643G	Inf	3
22.59M	5.85366G	5.87625G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5885MHz

11/06/2022

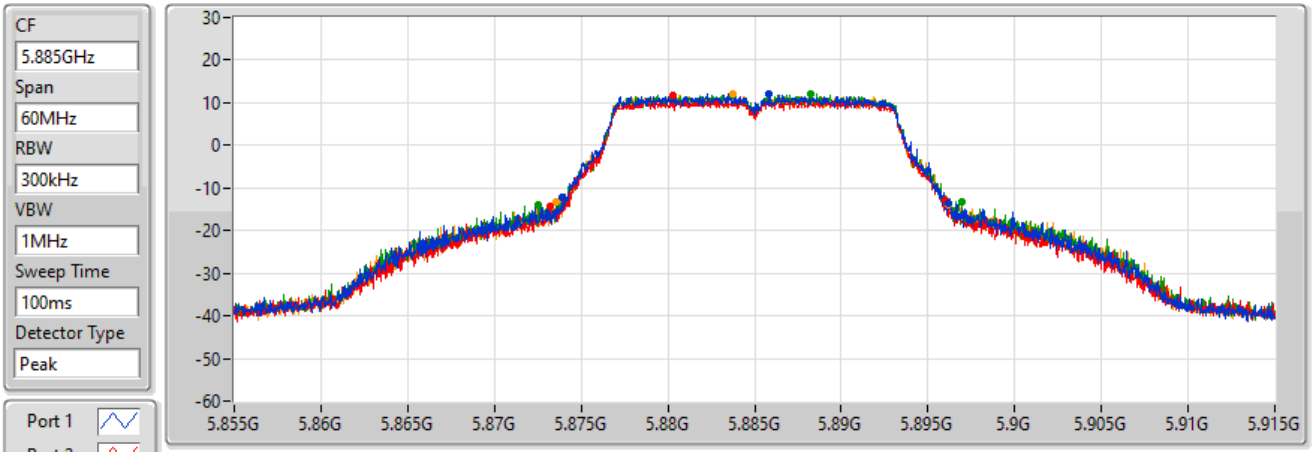


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.87687G	5.89316G	17.421M	5.876274G	5.893696G	500k	1
16.29M	5.87687G	5.89316G	17.301M	5.876334G	5.893636G	500k	2
16.29M	5.87687G	5.89316G	17.211M	5.876424G	5.893636G	500k	3
16.32M	5.87684G	5.89316G	17.271M	5.876334G	5.893606G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5885MHz

11/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.26M	5.8739G	5.89616G	Inf	1
22.8M	5.87324G	5.89604G	Inf	2
24.45M	5.87249G	5.89694G	Inf	3
22.62M	5.87354G	5.89616G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.87M	19.28M	19M3D1D	18.48M	19.25M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.98M	38.201M	38M2D1D	36.66M	38.021M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.68M	78.081M	78M1D1D	75.6M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	157.2M	156.882M	157MD1D	152.4M	156.642M
5.85-5.895GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.84M	19.28M	19M3D1D	18.51M	19.19M

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

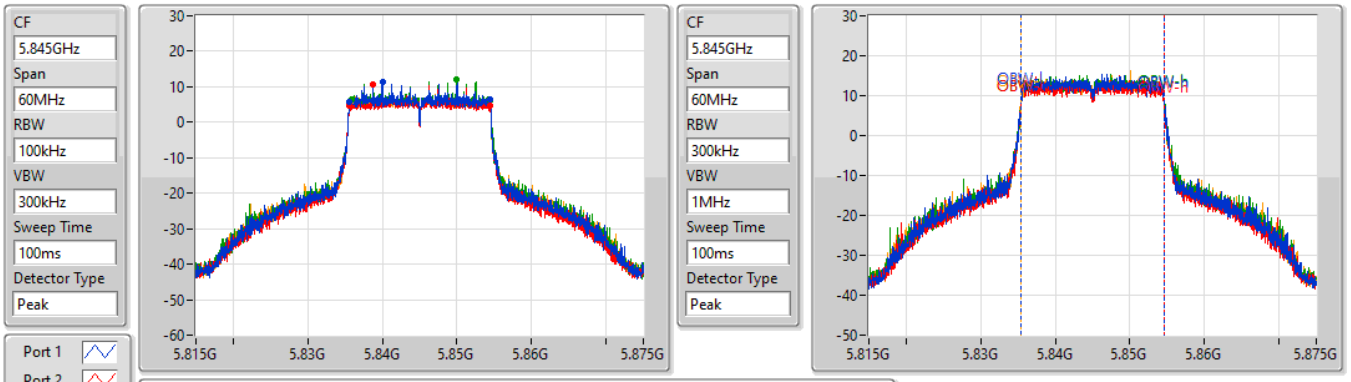
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5845MHz	Pass	500k	18.87M	19.28M	18.81M	19.25M	18.48M	19.25M	18.66M	19.25M
5865MHz	Pass	500k	18.84M	19.25M	18.69M	19.25M	18.75M	19.28M	18.69M	19.19M
5885MHz	Pass	500k	18.6M	19.22M	18.72M	19.28M	18.84M	19.25M	18.51M	19.22M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5835MHz	Pass	500k	37.38M	38.141M	37.56M	38.081M	37.56M	38.081M	36.66M	38.141M
5875MHz	Pass	500k	37.98M	38.201M	37.26M	38.021M	37.56M	38.141M	37.32M	38.081M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5855MHz	Pass	500k	75.6M	78.081M	76.2M	78.081M	76.68M	77.961M	75.6M	77.841M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5815MHz	Pass	500k	155.04M	156.642M	152.4M	156.642M	157.2M	156.882M	156M	156.882M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5845MHz

11/06/2022

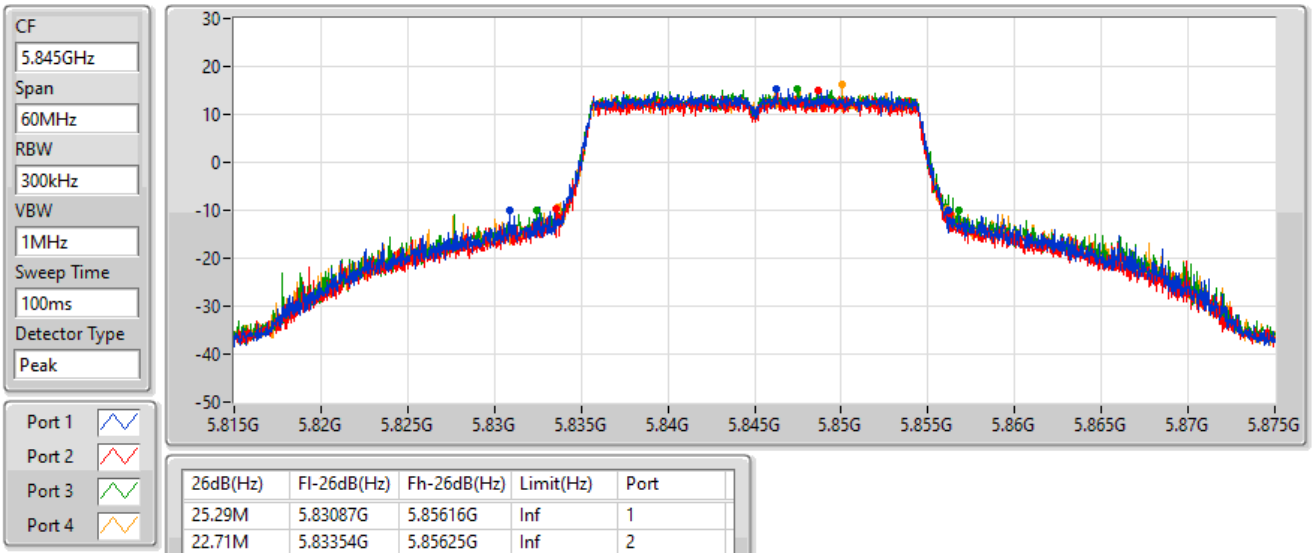


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.83558G	5.85445G	19.28M	5.835375G	5.854655G	500k	1
18.81M	5.83555G	5.85436G	19.25M	5.835375G	5.854625G	500k	2
18.48M	5.83588G	5.85436G	19.25M	5.835405G	5.854655G	500k	3
18.66M	5.83573G	5.85439G	19.25M	5.835375G	5.854625G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5845MHz

11/06/2022

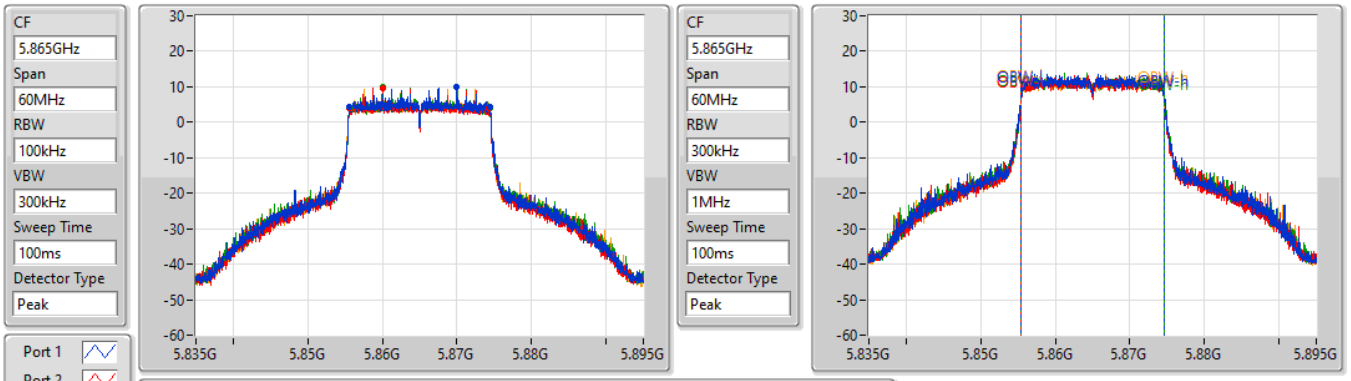


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
25.29M	5.83087G	5.85616G	Inf	1
22.71M	5.83354G	5.85625G	Inf	2
24.36M	5.83246G	5.85682G	Inf	3
22.44M	5.83369G	5.85613G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5865MHz

11/06/2022

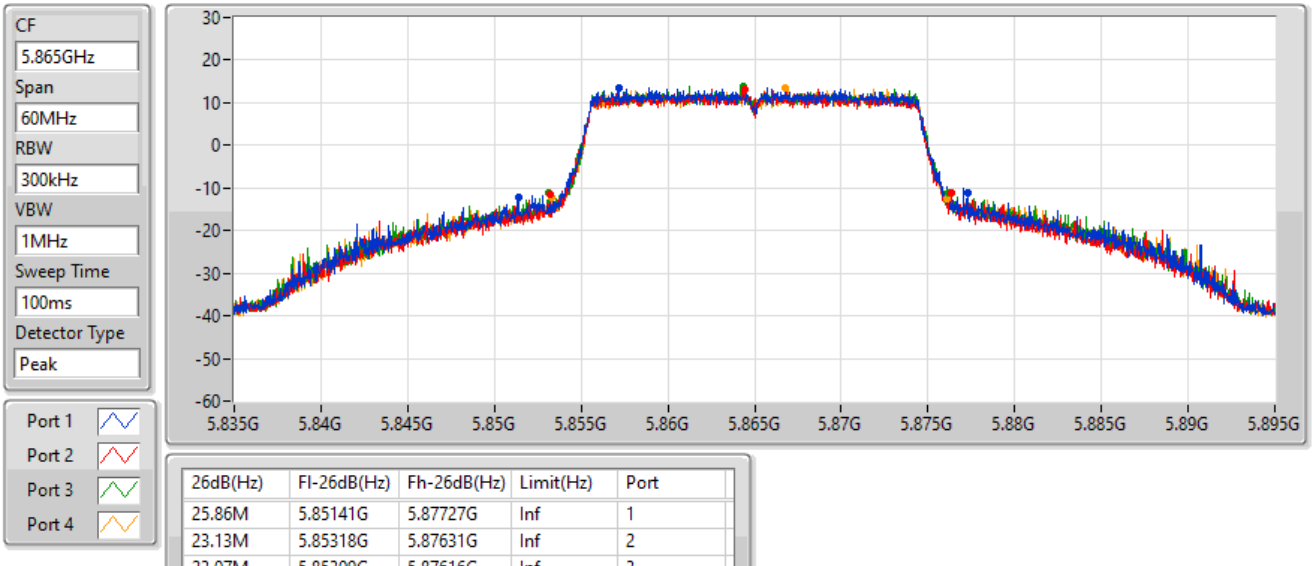


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.85561G	5.87445G	19.25M	5.855375G	5.874625G	500k	1
18.69M	5.85555G	5.87424G	19.25M	5.855375G	5.874625G	500k	2
18.75M	5.85567G	5.87442G	19.28M	5.855375G	5.874655G	500k	3
18.69M	5.85564G	5.87433G	19.19M	5.855435G	5.874625G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5865MHz

11/06/2022

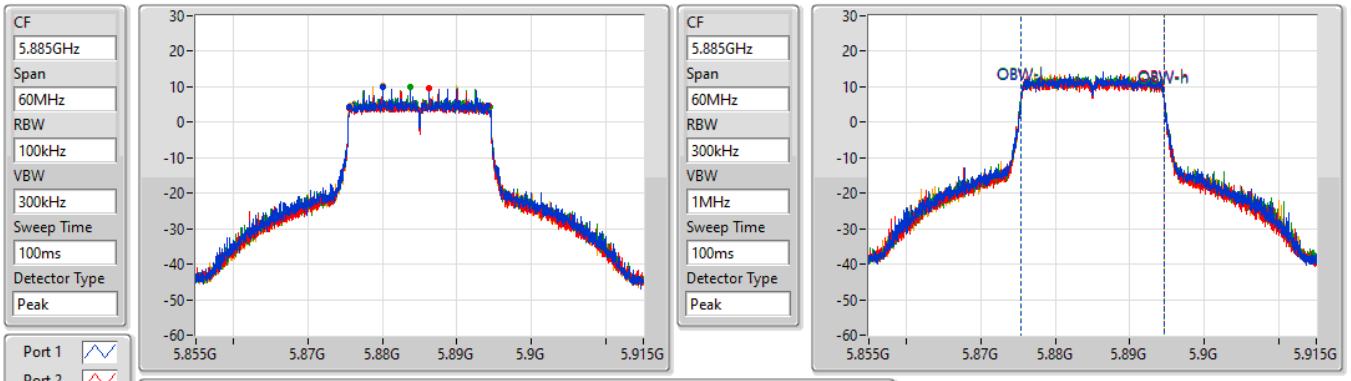


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
25.86M	5.85141G	5.87727G	Inf	1
23.13M	5.85318G	5.87631G	Inf	2
23.07M	5.85309G	5.87616G	Inf	3
22.77M	5.85333G	5.8761G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5885MHz

11/06/2022

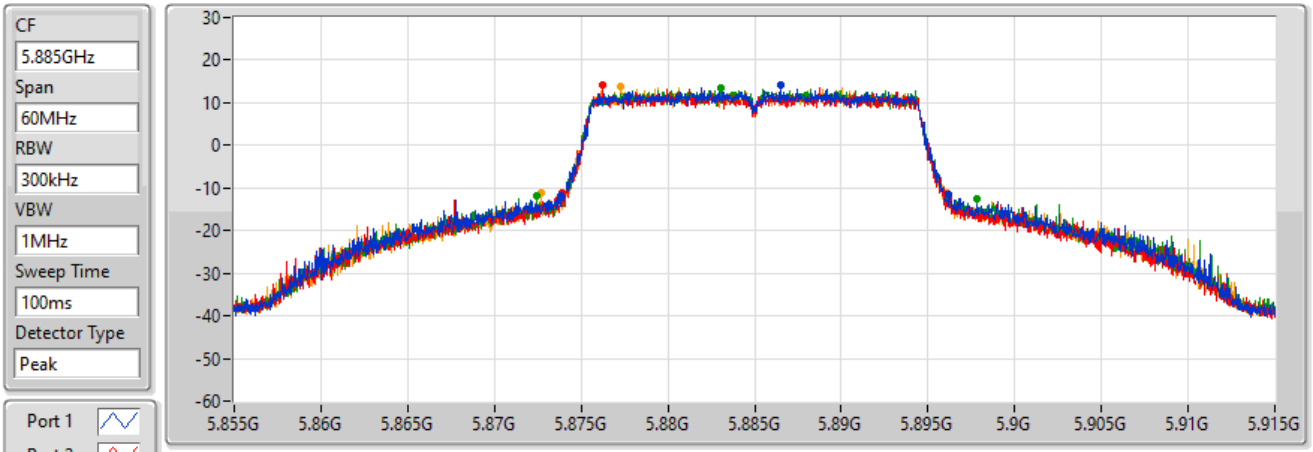


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.6M	5.87555G	5.89415G	19.22M	5.875405G	5.894625G	500k	1
18.72M	5.87561G	5.89433G	19.28M	5.875345G	5.894625G	500k	2
18.84M	5.87561G	5.89445G	19.25M	5.875375G	5.894625G	500k	3
18.51M	5.87576G	5.89427G	19.22M	5.875375G	5.894595G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5885MHz

11/06/2022

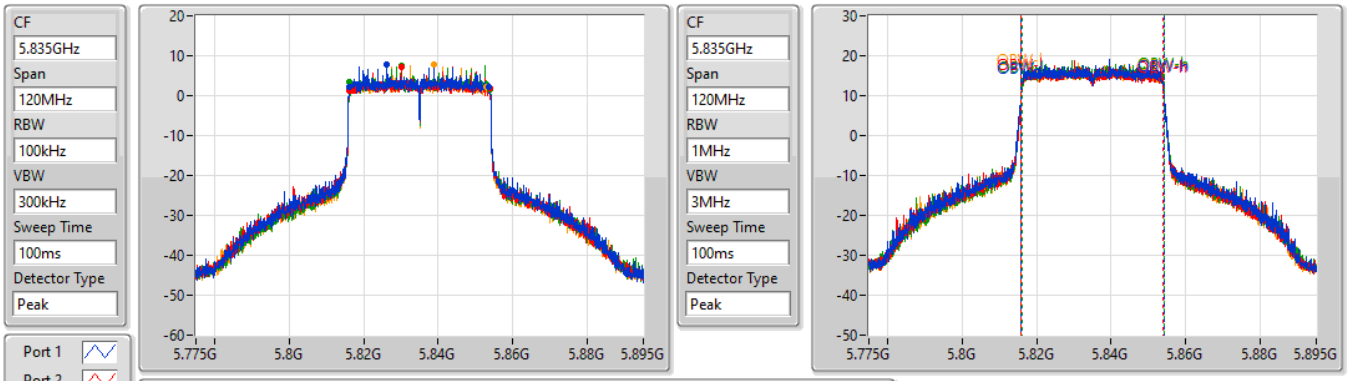


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
22.35M	5.87384G	5.89619G	Inf	1
22.14M	5.87387G	5.89601G	Inf	2
25.41M	5.8724G	5.89781G	Inf	3
23.4M	5.87267G	5.89607G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5835MHz

11/06/2022

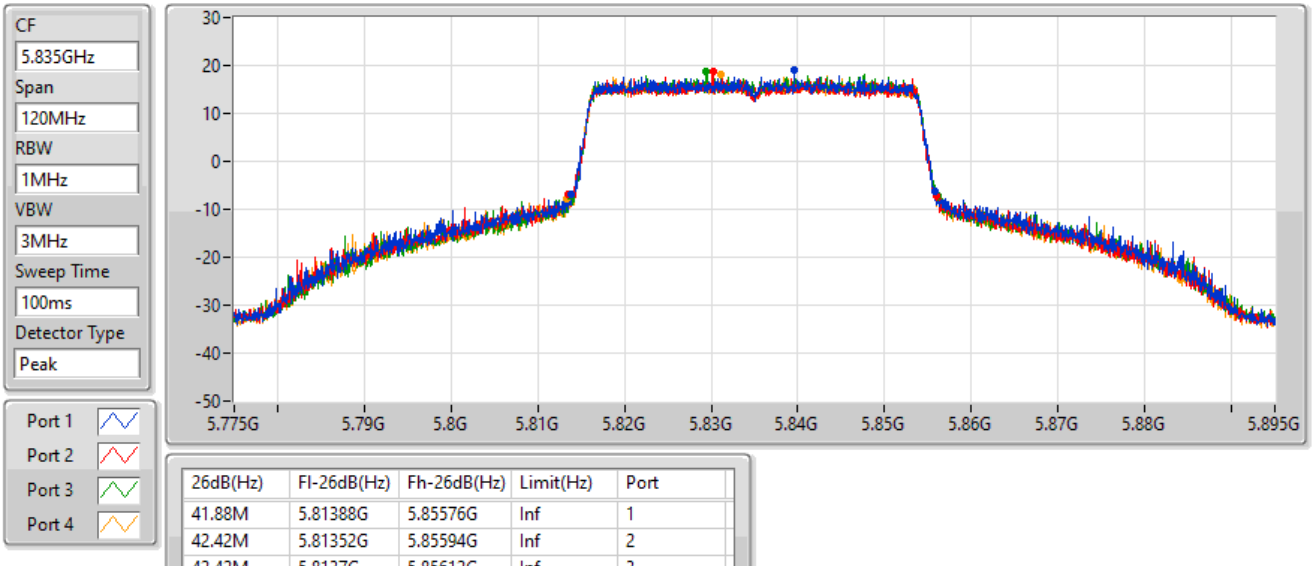


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.81616G	5.85354G	38.141M	5.81593G	5.85407G	500k	1
37.56M	5.81616G	5.85372G	38.081M	5.81593G	5.85401G	500k	2
37.56M	5.81628G	5.85384G	38.081M	5.81599G	5.85407G	500k	3
36.66M	5.81616G	5.85282G	38.141M	5.81593G	5.85407G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5835MHz

11/06/2022

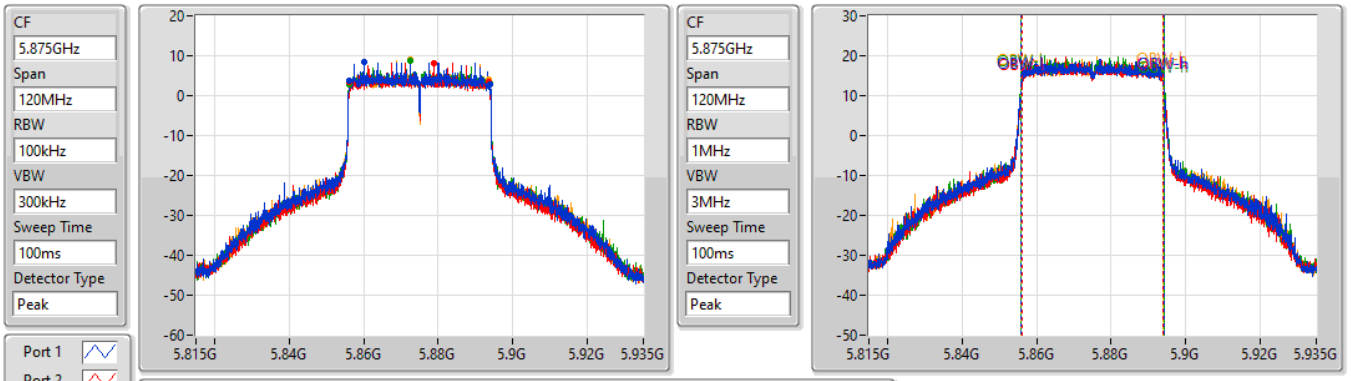


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
41.88M	5.81388G	5.85576G	Inf	1
42.42M	5.81352G	5.85594G	Inf	2
42.42M	5.8137G	5.85612G	Inf	3
42.66M	5.8134G	5.85606G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5875MHz

11/06/2022

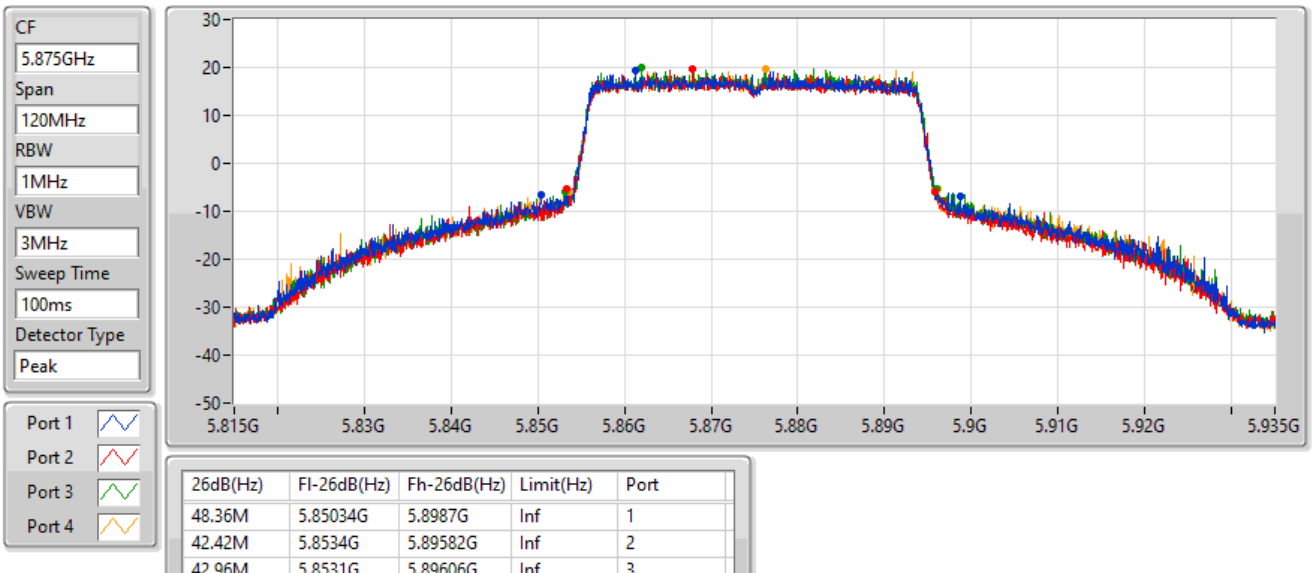


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.98M	5.85604G	5.89402G	38.201M	5.85587G	5.89407G	500k	1
37.26M	5.85628G	5.89354G	38.021M	5.85599G	5.89401G	500k	2
37.56M	5.85616G	5.89372G	38.141M	5.85593G	5.89407G	500k	3
37.32M	5.85628G	5.8936G	38.081M	5.85593G	5.89401G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5875MHz

11/06/2022

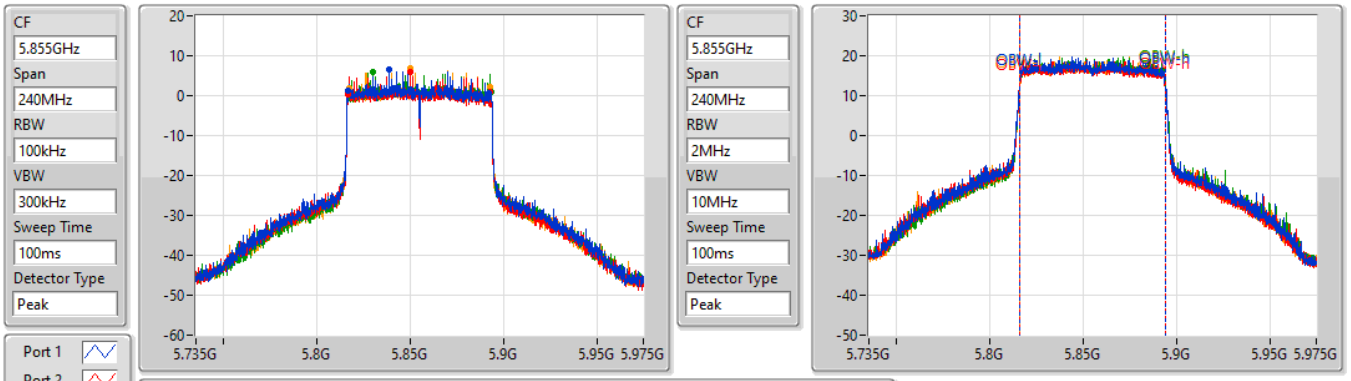


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
48.36M	5.85034G	5.8987G	Inf	1
42.42M	5.8534G	5.89582G	Inf	2
42.96M	5.8531G	5.89606G	Inf	3
42.48M	5.8537G	5.89618G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5855MHz

11/06/2022

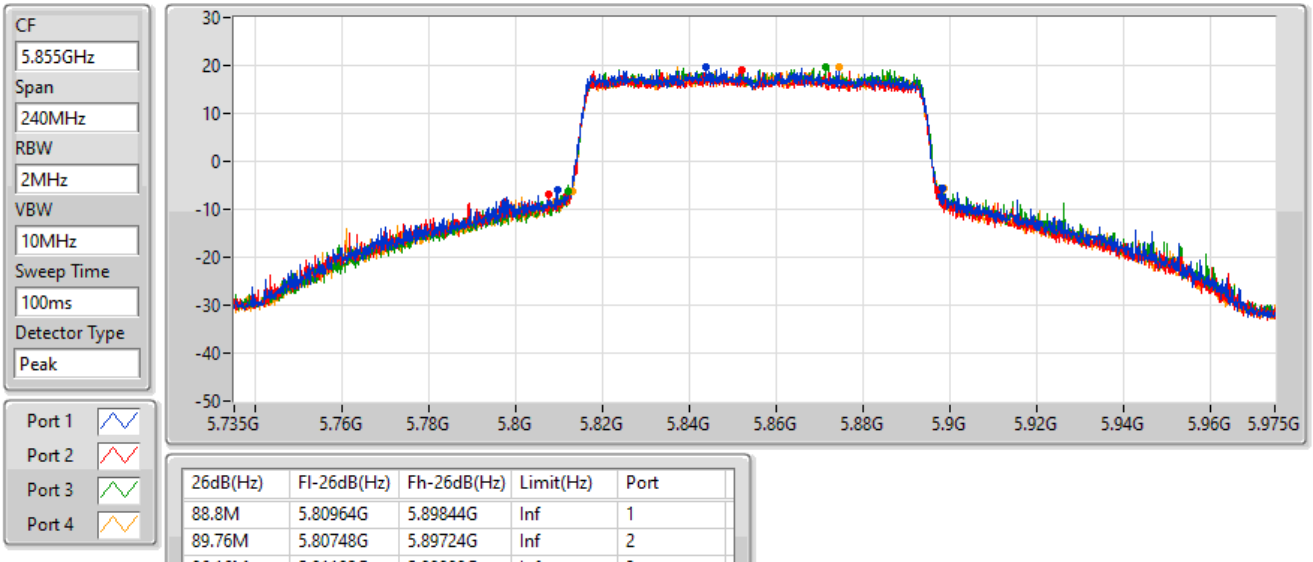


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.6M	5.81672G	5.89232G	78.081M	5.8159G	5.893981G	500k	1
76.2M	5.81648G	5.89268G	78.081M	5.8159G	5.893981G	500k	2
76.68M	5.81672G	5.8934G	77.961M	5.816019G	5.893981G	500k	3
75.6M	5.81696G	5.89256G	77.841M	5.816019G	5.893861G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5855MHz

11/06/2022

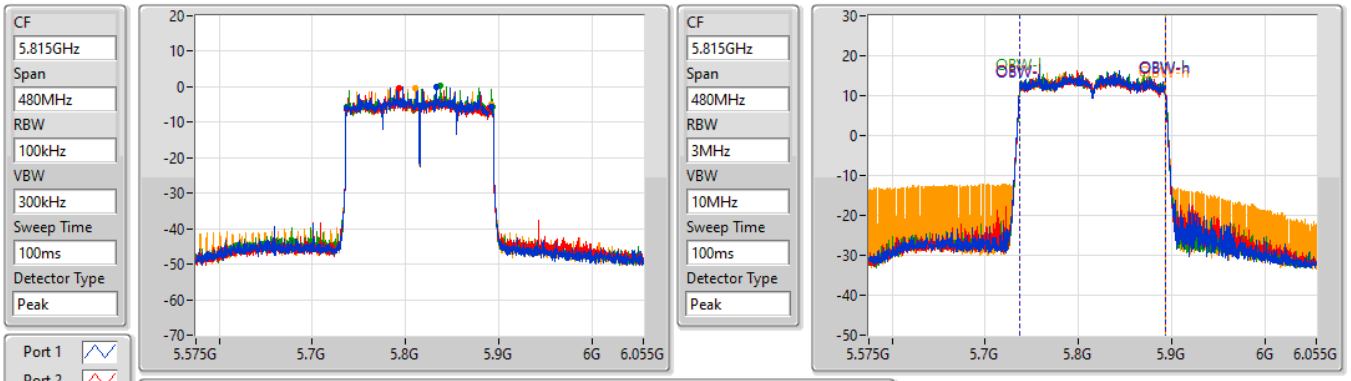


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
88.8M	5.80964G	5.89844G	Inf	1
89.76M	5.80748G	5.89724G	Inf	2
86.16M	5.81192G	5.89808G	Inf	3
85.8M	5.81288G	5.89868G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5815MHz

11/06/2022

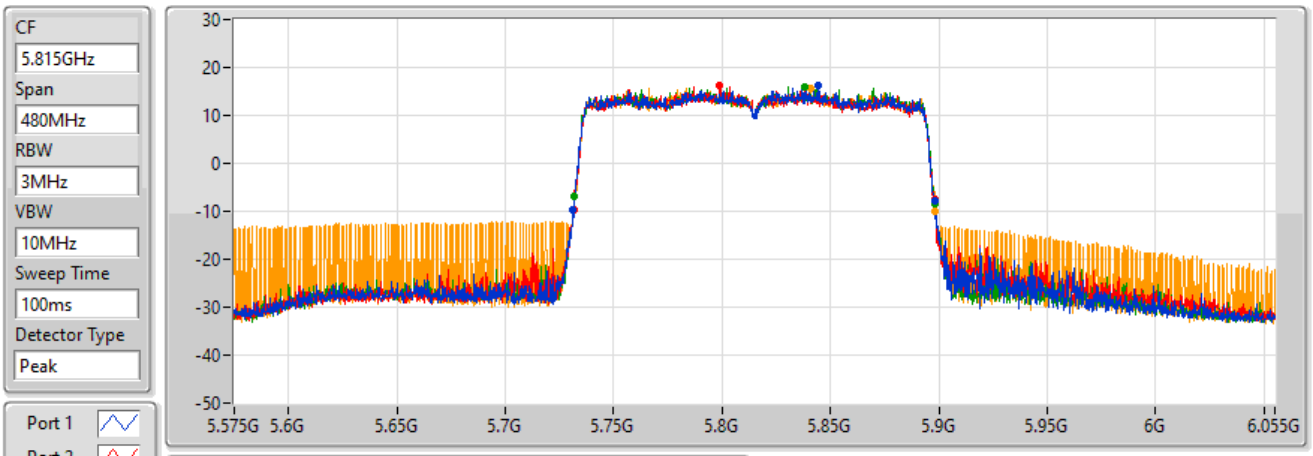


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
155.04M	5.73652G	5.89156G	156.642M	5.736559G	5.893201G	500k	1
152.4M	5.73628G	5.88868G	156.642M	5.736559G	5.893201G	500k	2
157.2M	5.73652G	5.89372G	156.882M	5.736559G	5.893441G	500k	3
156M	5.73652G	5.89252G	156.882M	5.736319G	5.893201G	500k	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5815MHz

11/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
167.04M	5.731G	5.89804G	Inf	1
166.56M	5.73148G	5.89804G	Inf	2
166.8M	5.73172G	5.89852G	Inf	3
166.8M	5.73172G	5.89852G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.725-5.895GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.84M	19.31M	19M3D1D	18.75M	19.25M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	37.68M	38.561M	38M6D1D	37.32M	38.201M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	77.04M	78.561M	78M6D1D	75.24M	78.441M
5.85-5.895GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	18.84M	19.28M	19M3D1D	18.33M	19.19M

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

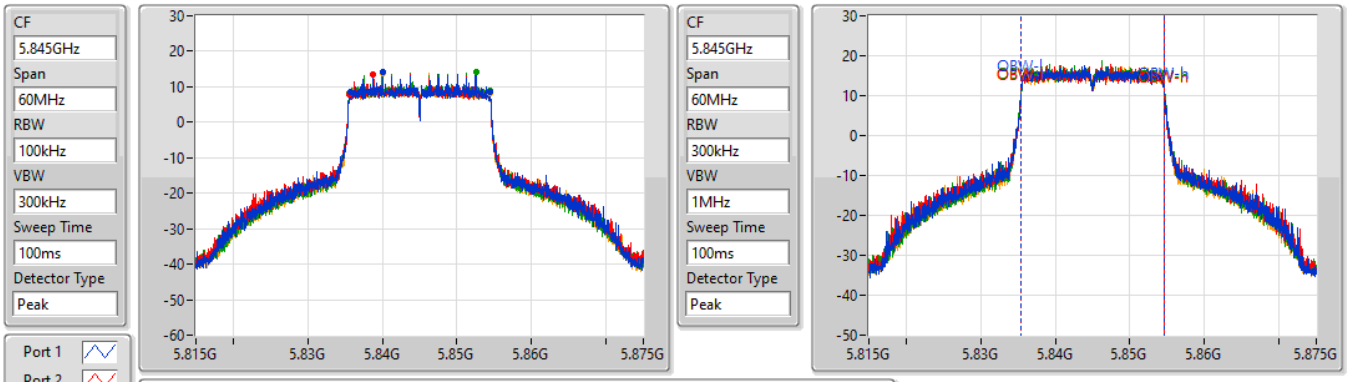
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5845MHz	Pass	500k	18.75M	19.31M	18.78M	19.25M	18.78M	19.25M	18.84M	19.25M
5865MHz	Pass	500k	18.51M	19.19M	18.84M	19.25M	18.75M	19.28M	18.63M	19.22M
5885MHz	Pass	500k	18.63M	19.25M	18.33M	19.25M	18.72M	19.19M	18.66M	19.22M
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5835MHz	Pass	500k	37.56M	38.321M	37.62M	38.261M	37.62M	38.201M	37.56M	38.261M
5875MHz	Pass	500k	37.68M	38.561M	37.56M	38.381M	37.32M	38.321M	37.68M	38.381M
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5855MHz	Pass	500k	77.04M	78.561M	75.48M	78.561M	75.24M	78.441M	76.56M	78.441M

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

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5845MHz

11/06/2022

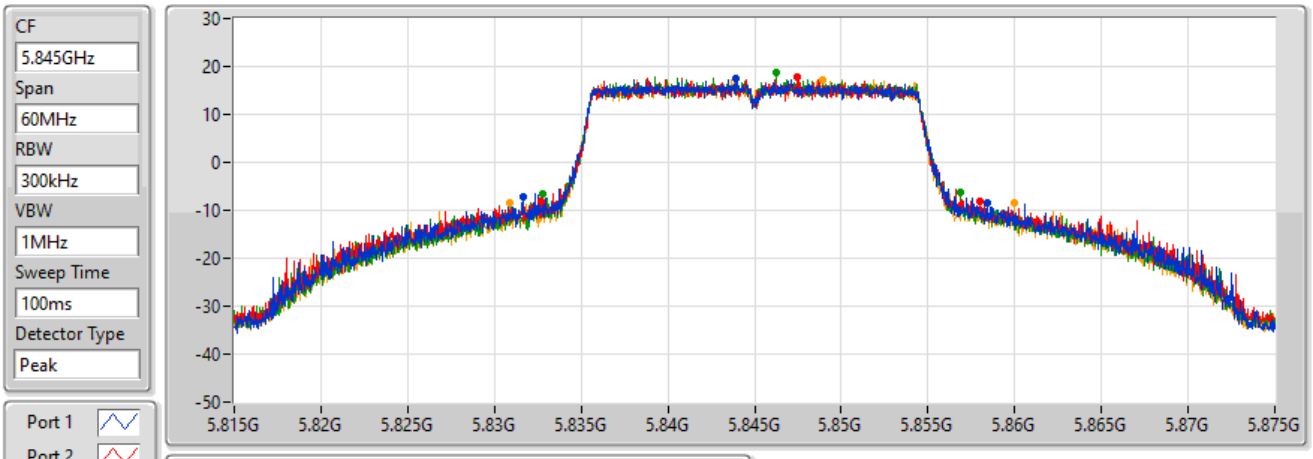


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.83573G	5.85448G	19.31M	5.835375G	5.854685G	500k	1
18.78M	5.83561G	5.85439G	19.25M	5.835405G	5.854655G	500k	2
18.78M	5.83561G	5.85439G	19.25M	5.835405G	5.854655G	500k	3
18.84M	5.83561G	5.85445G	19.25M	5.835405G	5.854655G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5845MHz

11/06/2022

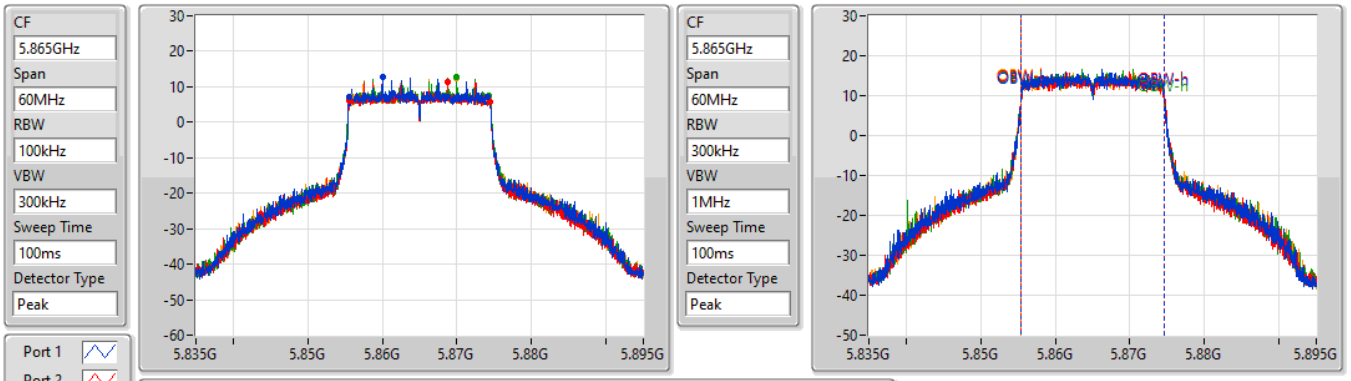


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
26.79M	5.83162G	5.85841G	Inf	1
25.32M	5.83267G	5.85799G	Inf	2
24.12M	5.83276G	5.85688G	Inf	3
29.1M	5.83087G	5.85997G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5865MHz

11/06/2022

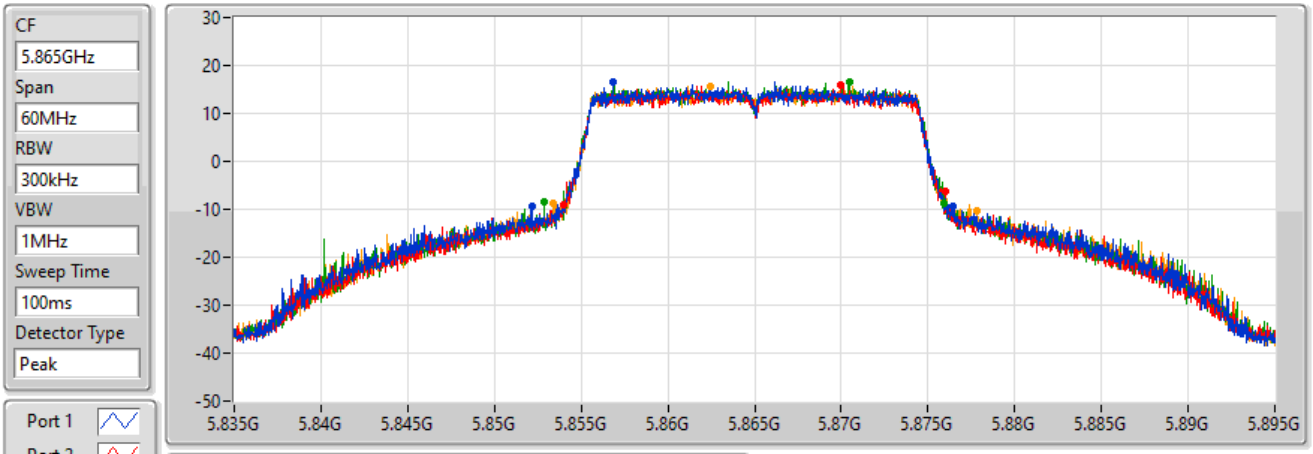


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.51M	5.85558G	5.87409G	19.19M	5.855435G	5.874625G	500k	1
18.84M	5.85564G	5.87448G	19.25M	5.855405G	5.874655G	500k	2
18.75M	5.85555G	5.8743G	19.28M	5.8553375G	5.874655G	500k	3
18.63M	5.85567G	5.8743G	19.22M	5.855405G	5.874625G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5865MHz

11/06/2022

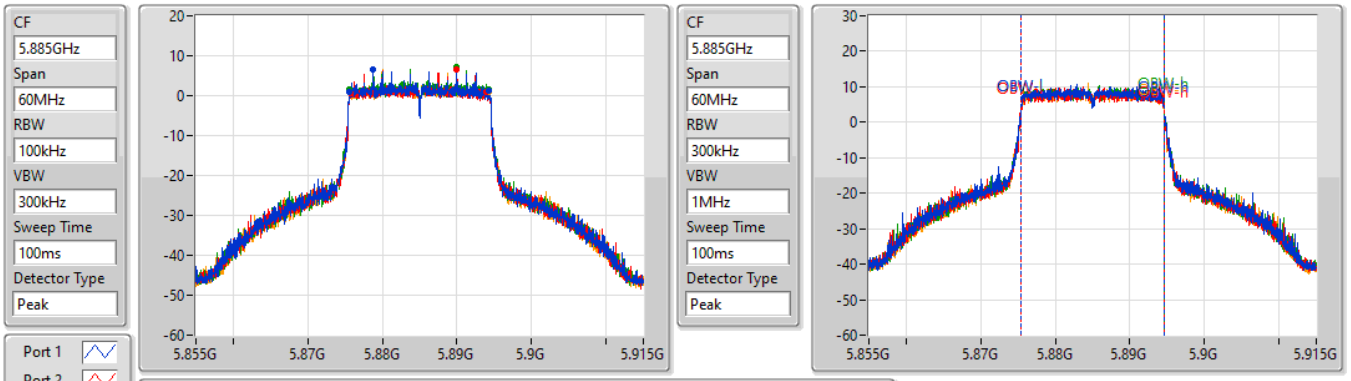


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
24.21M	5.85219G	5.8764G	Inf	1
22.05M	5.85399G	5.87604G	Inf	2
23.04M	5.85288G	5.87592G	Inf	3
24.39M	5.85342G	5.87781G	Inf	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5885MHz

11/06/2022

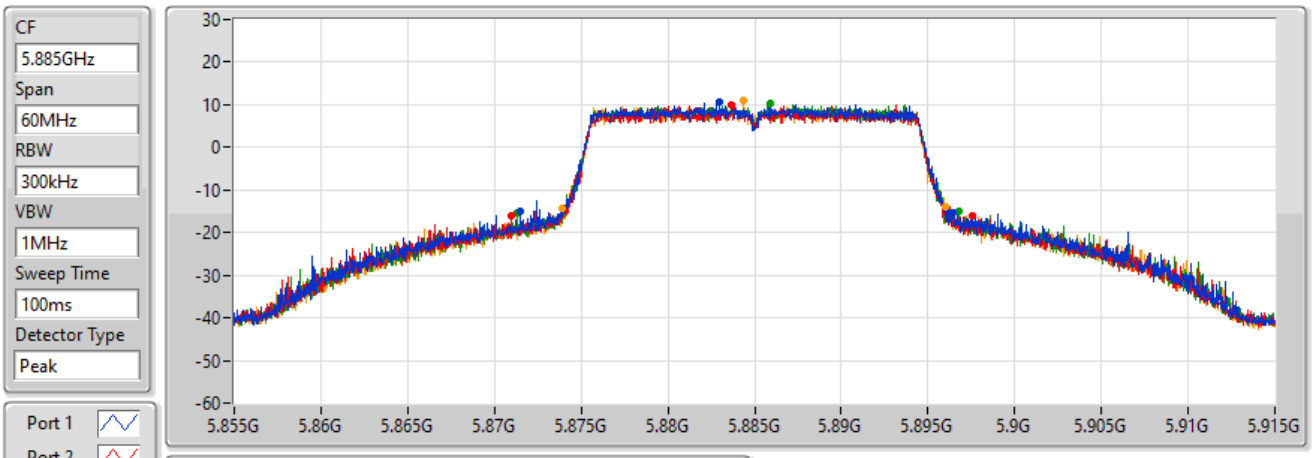


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.63M	5.87564G	5.89427G	19.25M	5.875375G	5.894625G	500k	1
18.33M	5.87567G	5.894G	19.25M	5.875375G	5.894625G	500k	2
18.72M	5.87558G	5.8943G	19.19M	5.8754375G	5.894625G	500k	3
18.66M	5.87561G	5.89427G	19.22M	5.875375G	5.894595G	500k	4

802.11ax HEW20-BF_Nss2,(MCS0)_4TX EBW

5885MHz

11/06/2022

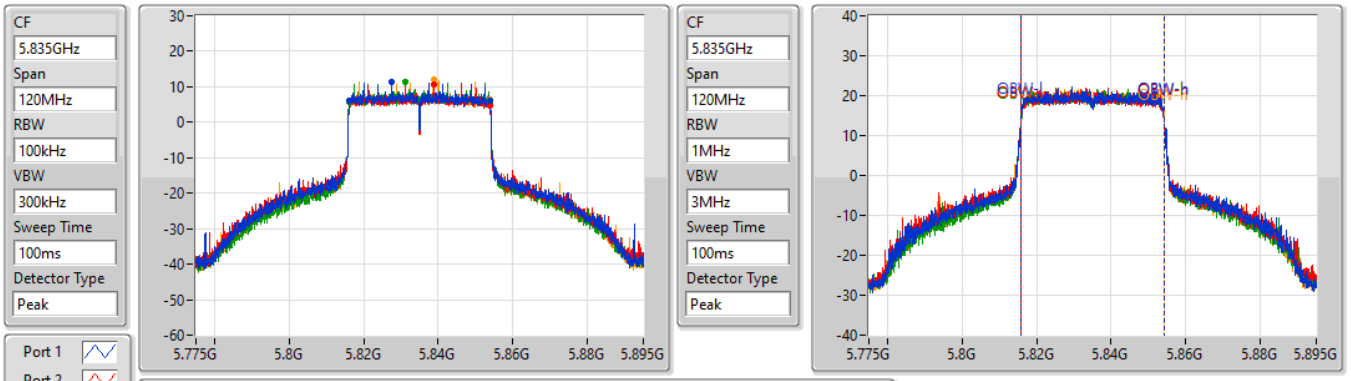


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
24.93M	5.87153G	5.89646G	Inf	1
26.64M	5.87093G	5.89757G	Inf	2
25.44M	5.87132G	5.89676G	Inf	3
22.08M	5.87393G	5.89601G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5835MHz

11/06/2022

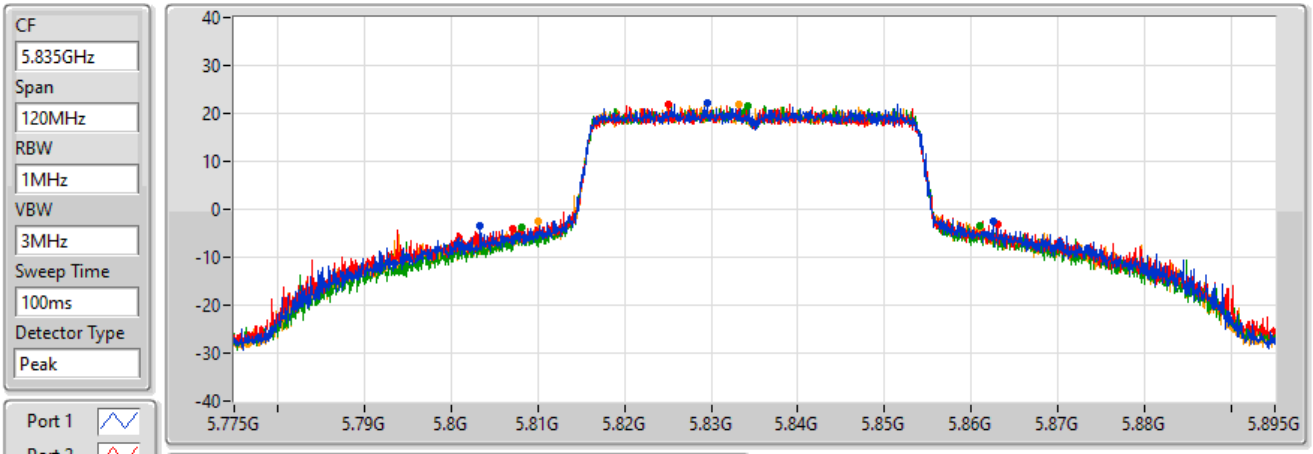


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.81616G	5.85372G	38.321M	5.81587G	5.85419G	500k	1
37.62M	5.81622G	5.85384G	38.261M	5.81587G	5.85413G	500k	2
37.62M	5.81616G	5.85378G	38.201M	5.81593G	5.85413G	500k	3
37.56M	5.81616G	5.85372G	38.261M	5.81587G	5.85413G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5835MHz

11/06/2022

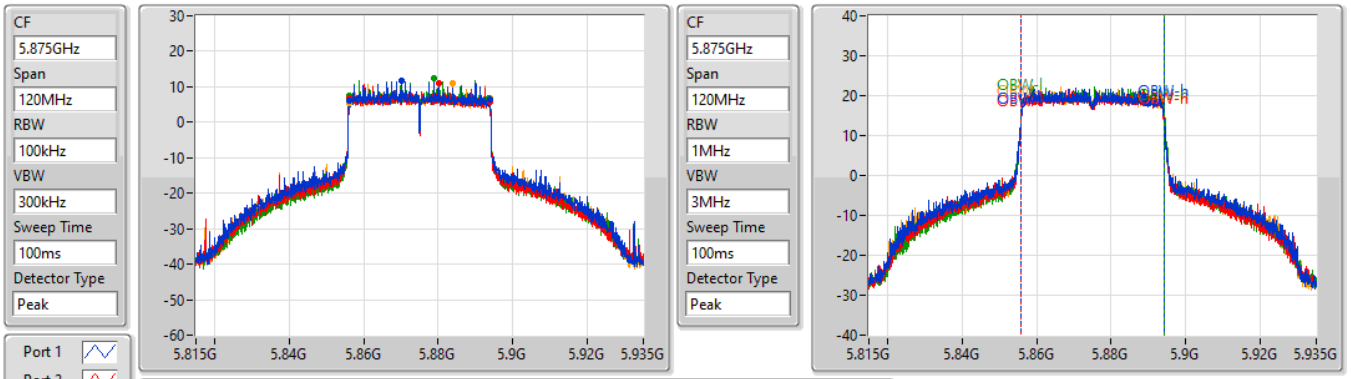


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
59.16M	5.80338G	5.86254G	Inf	1
56.04M	5.80704G	5.86308G	Inf	2
52.8M	5.80818G	5.86098G	Inf	3
51M	5.80998G	5.86098G	Inf	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5875MHz

11/06/2022

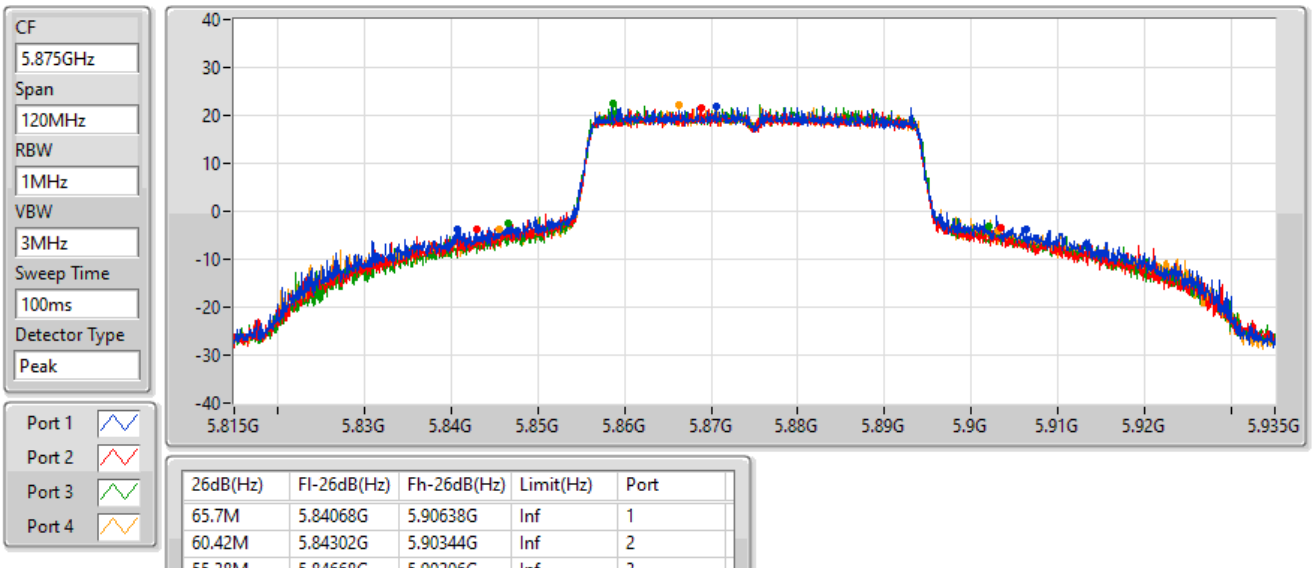


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.68M	5.8561G	5.89378G	38.561M	5.85569G	5.89425G	500k	1
37.56M	5.85622G	5.89378G	38.381M	5.85575G	5.89413G	500k	2
37.32M	5.85622G	5.89354G	38.321M	5.85587G	5.89419G	500k	3
37.68M	5.8561G	5.89378G	38.381M	5.85581G	5.89419G	500k	4

802.11ax HEW40-BF_Nss2,(MCS0)_4TX EBW

5875MHz

11/06/2022

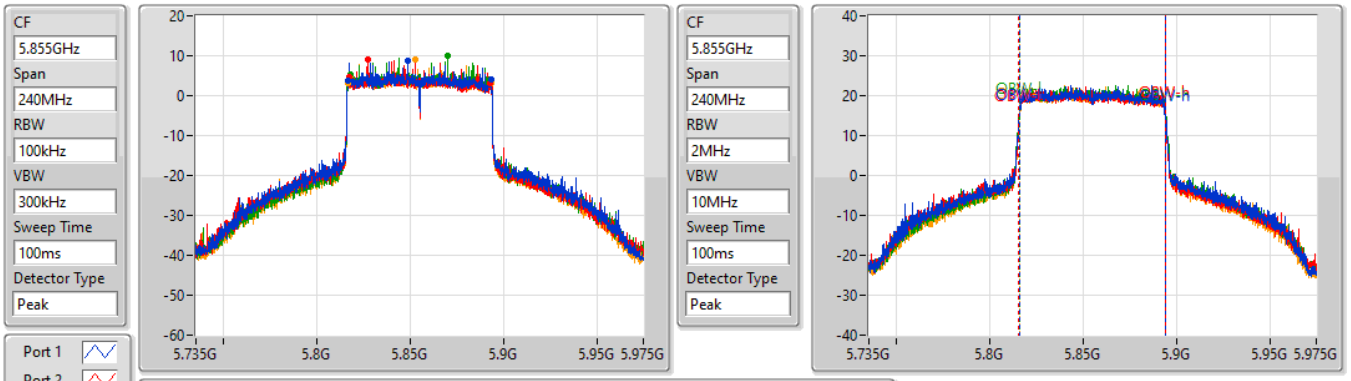


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
65.7M	5.84068G	5.90638G	Inf	1
60.42M	5.84302G	5.90344G	Inf	2
55.38M	5.84668G	5.90206G	Inf	3
57.48M	5.8456G	5.90308G	Inf	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5855MHz

11/06/2022

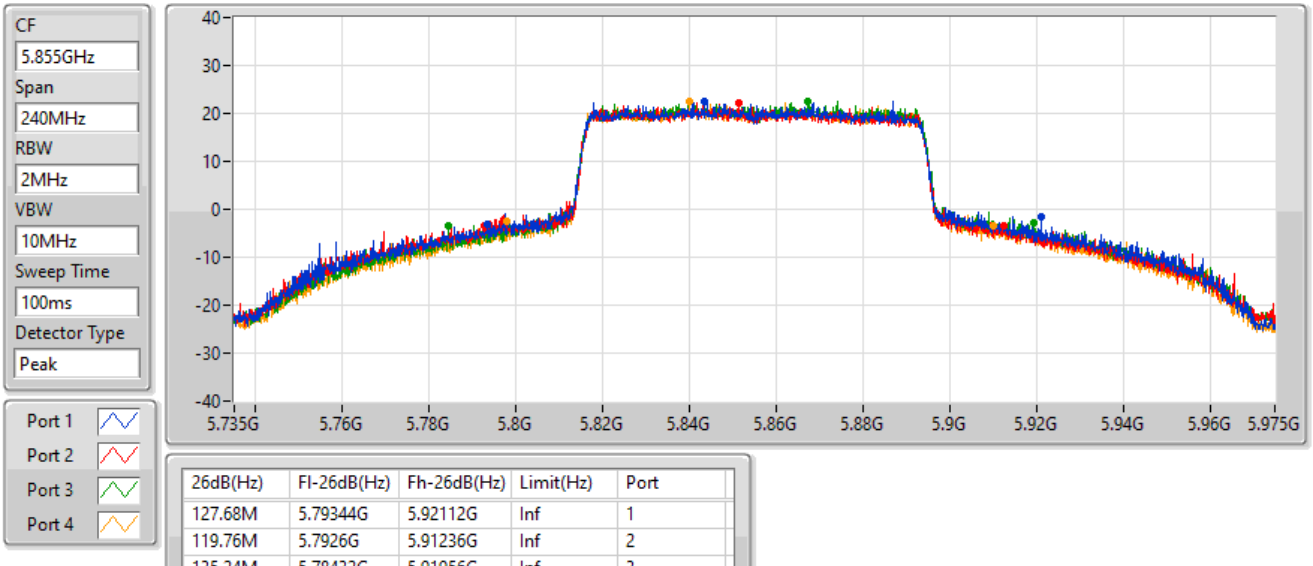


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.04M	5.81648G	5.89352G	78.561M	5.81566G	5.89422G	500k	1
75.48M	5.81732G	5.8928G	78.561M	5.81554G	5.8941G	500k	2
75.24M	5.8178G	5.89304G	78.441M	5.81578G	5.89422G	500k	3
76.56M	5.81684G	5.8934G	78.441M	5.81578G	5.89422G	500k	4

802.11ax HEW80-BF_Nss2,(MCS0)_4TX EBW

5855MHz

11/06/2022



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
127.68M	5.79344G	5.92112G	Inf	1
119.76M	5.7926G	5.91236G	Inf	2
135.24M	5.78432G	5.91956G	Inf	3
112.32M	5.79788G	5.9102G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.68	0.92897
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.49	0.22336

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.53	23.53	23.81	23.59	23.38	29.60	30.00
5200MHz	Pass	3.53	23.54	23.47	23.67	23.41	29.54	30.00
5240MHz	Pass	3.53	23.34	23.61	24.02	23.66	29.68	30.00
5260MHz	Pass	4.32	17.15	17.18	17.33	17.34	23.27	23.98
5300MHz	Pass	4.32	17.43	17.51	17.37	17.55	23.49	23.98
5320MHz	Pass	4.32	17.53	17.26	17.38	17.51	23.44	23.98

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.68	0.92897
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.71	0.93541
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	29.46	0.88308
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.97	0.19815
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.47	0.22233
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.42	0.21979
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.33	0.21528
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.33	0.21528

Result

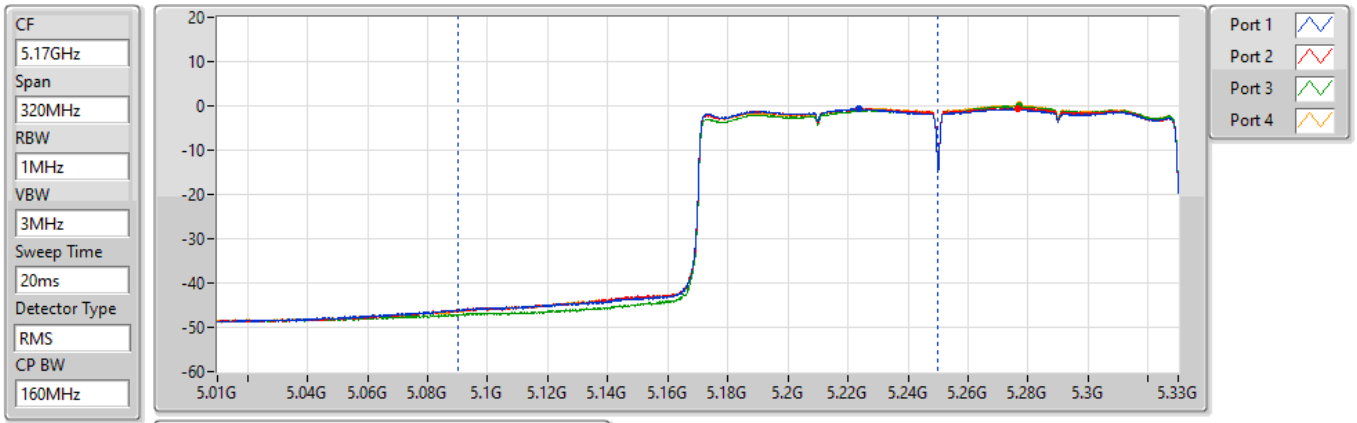
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.24	23.82	23.61	23.63	23.45	29.65	29.76
5200MHz	Pass	6.24	23.70	23.59	23.72	23.48	29.64	29.76
5240MHz	Pass	6.24	23.37	23.43	23.97	23.85	29.68	29.76
5260MHz	Pass	6.43	17.39	17.33	17.33	17.41	23.39	23.55
5300MHz	Pass	6.43	17.44	17.51	17.39	17.47	23.47	23.55
5320MHz	Pass	6.43	17.50	17.35	17.29	17.54	23.44	23.55
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.24	23.97	23.59	23.64	23.56	29.71	29.76
5230MHz	Pass	6.24	23.43	23.60	23.54	23.91	29.64	29.76
5270MHz	Pass	6.43	17.22	17.34	17.55	17.47	23.42	23.55
5310MHz	Pass	6.43	17.30	17.21	17.27	17.38	23.31	23.55
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.24	23.31	23.47	23.52	23.47	29.46	29.76
5290MHz	Pass	6.43	17.27	17.30	17.31	17.34	23.33	23.55
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.24	17.06	17.09	16.56	17.05	22.97	29.76
5250MHz Straddle 5.25-5.35GHz	Pass	6.43	16.92	17.06	17.58	17.64	23.33	23.55

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

802.11ax HEW160-BF_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.15-5.25GHz_TnomVnom

11/06/2022

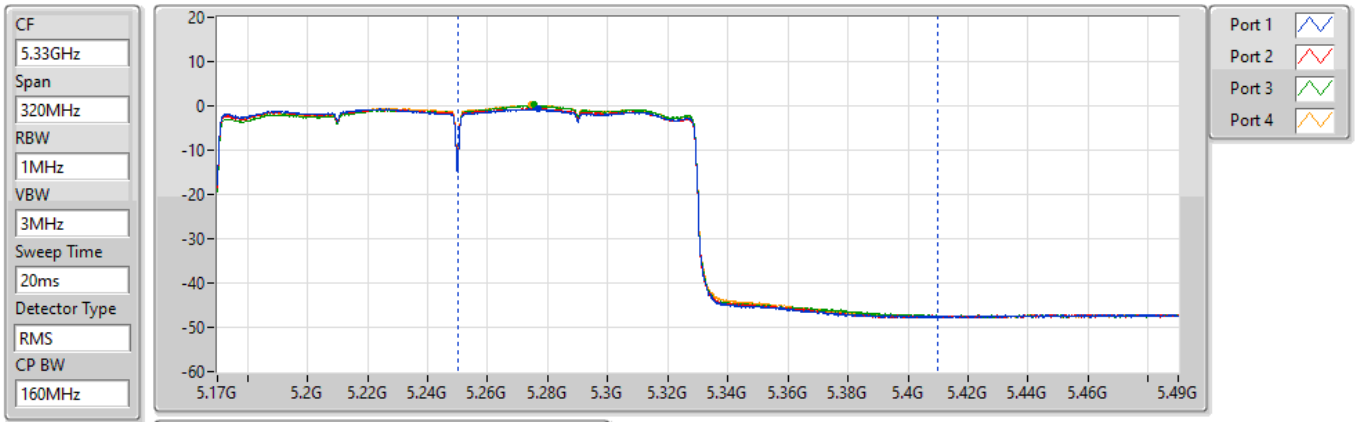


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.97	17.06	17.09	16.56	17.05

802.11ax HEW160-BF_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz_TnomVnom

11/06/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.33	16.92	17.06	17.58	17.64

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	23.92	0.24660
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	23.81	0.24044
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	23.83	0.24155

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.32	17.79	17.79	17.90	18.11	23.92	23.98
5300MHz	Pass	4.32	17.68	17.78	17.69	17.77	23.75	23.98
5320MHz	Pass	4.32	17.90	17.82	17.91	17.94	23.91	23.98
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.32	17.77	17.73	17.76	17.90	23.81	23.98
5310MHz	Pass	4.32	17.88	17.72	17.53	17.94	23.79	23.98
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.32	17.86	17.86	17.69	17.82	23.83	23.98

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.89	0.24491
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.91	0.97949

Result

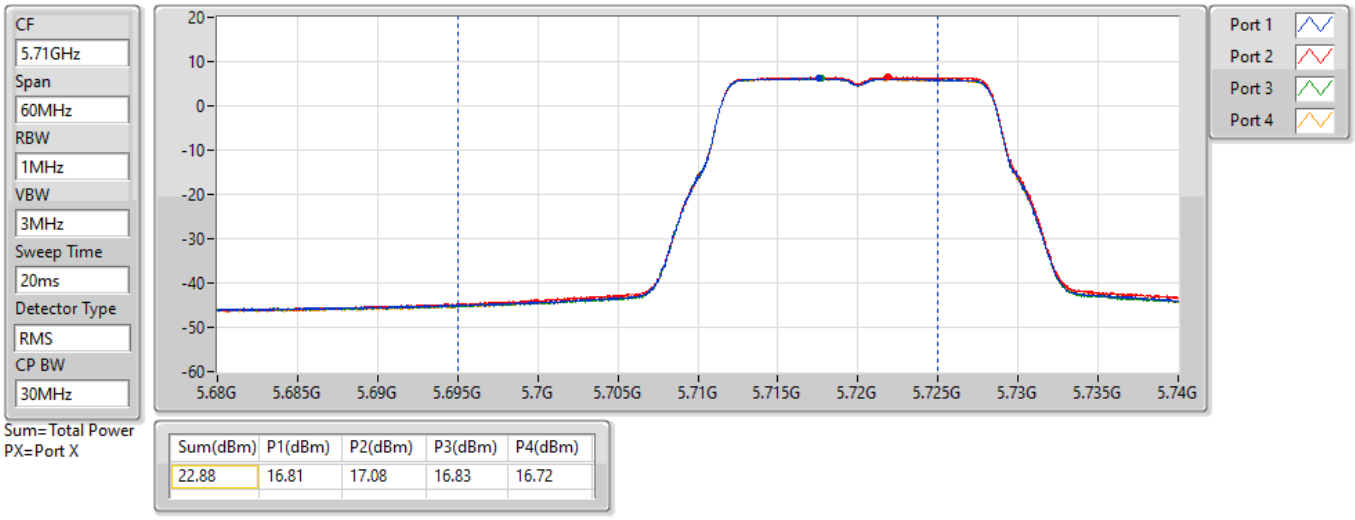
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	2.80	17.54	17.85	17.95	17.88	23.83	23.98
5580MHz	Pass	2.80	17.96	17.63	17.76	17.63	23.77	23.98
5700MHz	Pass	2.80	17.85	17.84	18.02	17.77	23.89	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.80	16.81	17.08	16.83	16.72	22.88	22.94
5720MHz Straddle 5.725-5.85GHz	Pass	3.51	10.65	11.19	10.63	10.56	16.79	30.00
5745MHz	Pass	3.51	23.86	24.04	23.91	23.74	29.91	30.00
5785MHz	Pass	3.51	23.67	24.04	23.80	23.77	29.84	30.00
5825MHz	Pass	3.51	23.96	23.61	23.80	23.81	29.82	30.00

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

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

11/06/2022

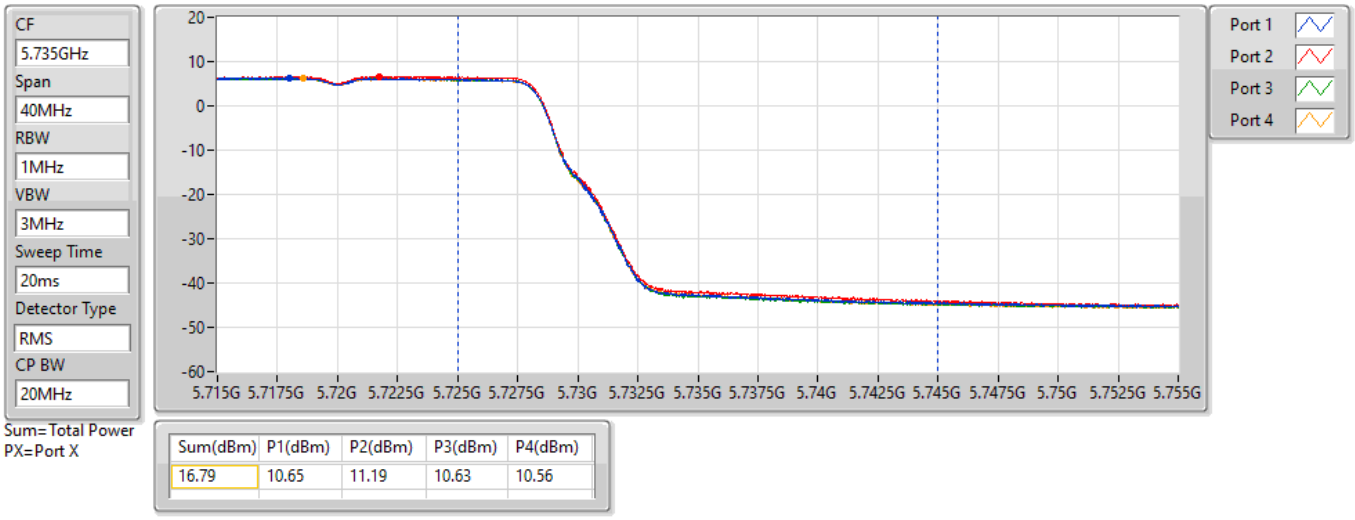


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.88	16.81	17.08	16.83	16.72

802.11a_Nss1,(6Mbps)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

11/06/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.79	10.65	11.19	10.63	10.56

Summary

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.74	0.23659
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.83	0.24155
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.71	0.23496
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	23.63	0.23067
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.63	0.72946
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.69	0.73961
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	28.72	0.74473

Result

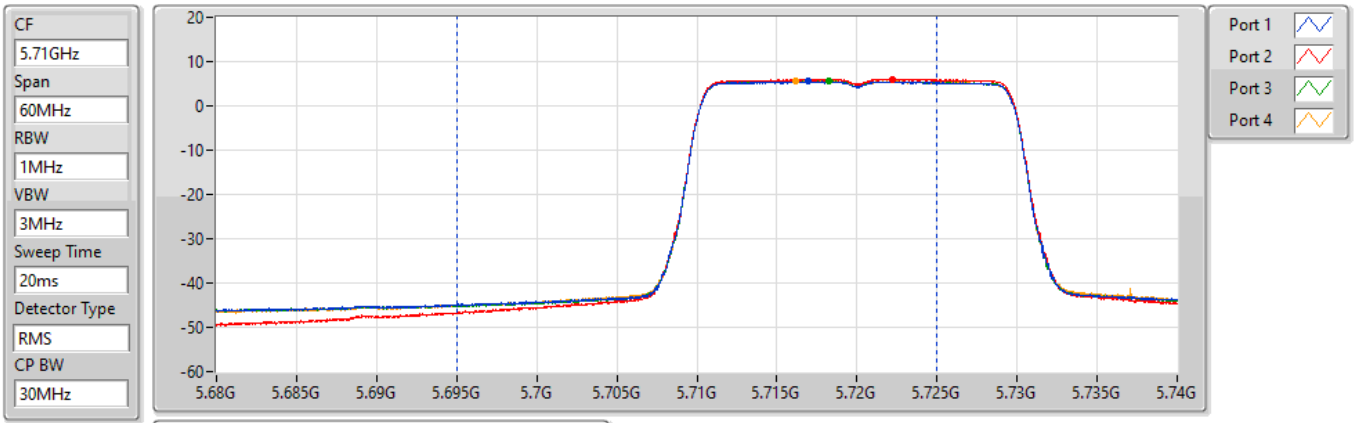
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	6.13	17.48	17.59	17.88	17.64	23.67	23.85
5580MHz	Pass	6.13	18.03	16.88	17.71	17.81	23.65	23.85
5700MHz	Pass	6.13	17.55	17.88	17.73	17.72	23.74	23.85
5720MHz Straddle 5.47-5.725GHz	Pass	6.13	16.52	17.03	16.60	16.65	22.73	22.82
5720MHz Straddle 5.725-5.85GHz	Pass	7.23	11.41	11.97	11.33	11.47	17.57	28.77
5745MHz	Pass	7.23	22.39	22.51	22.58	22.59	28.54	28.77
5785MHz	Pass	7.23	22.41	22.81	22.63	22.59	28.63	28.77
5825MHz	Pass	7.23	22.66	22.47	22.51	22.66	28.60	28.77
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	6.13	17.63	17.65	18.03	17.92	23.83	23.85
5550MHz	Pass	6.13	17.66	17.67	17.62	17.94	23.74	23.85
5670MHz	Pass	6.13	17.71	17.64	17.67	17.61	23.68	23.85
5710MHz Straddle 5.47-5.725GHz	Pass	6.13	17.58	17.96	17.82	17.74	23.80	23.85
5710MHz Straddle 5.725-5.85GHz	Pass	7.23	8.11	8.57	7.96	7.97	14.18	28.77
5755MHz	Pass	7.23	22.50	22.79	22.58	22.46	28.60	28.77
5795MHz	Pass	7.23	22.54	22.68	22.70	22.76	28.69	28.77
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	6.13	17.67	17.61	17.78	17.68	23.71	23.85
5610MHz	Pass	6.13	17.63	17.67	17.80	17.64	23.71	23.85
5690MHz Straddle 5.47-5.725GHz	Pass	6.13	17.52	17.71	17.84	17.51	23.67	23.85
5690MHz Straddle 5.725-5.85GHz	Pass	7.23	4.31	5.11	4.41	4.36	10.58	28.77
5775MHz	Pass	7.23	22.66	22.58	22.84	22.70	28.72	28.77
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	6.13	17.71	17.44	17.82	17.47	23.63	23.85

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz_TnomVnom

11/06/2022

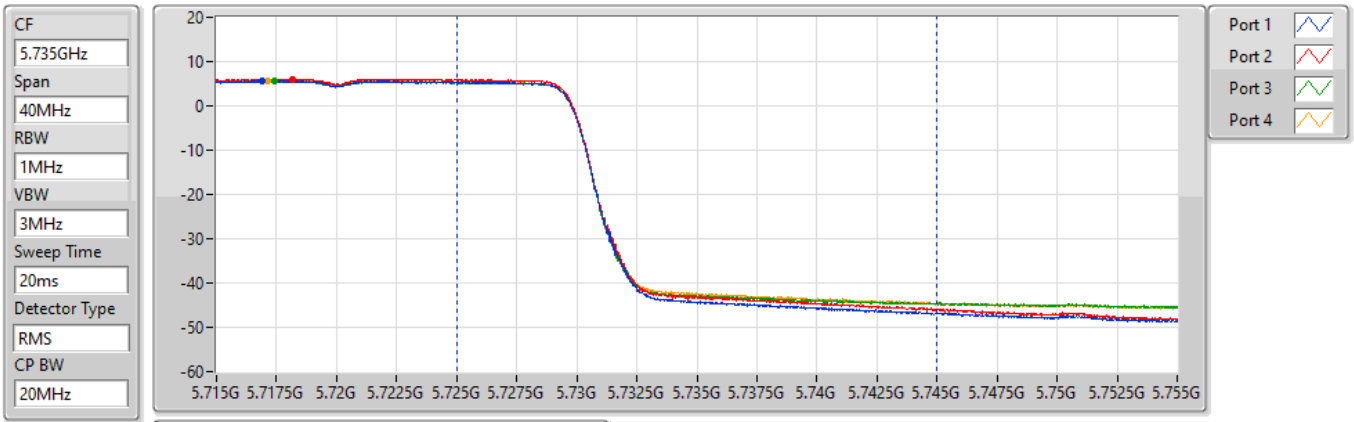


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.73	16.52	17.03	16.60	16.65

802.11ax HEW20-BF_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz_TnomVnom

11/06/2022

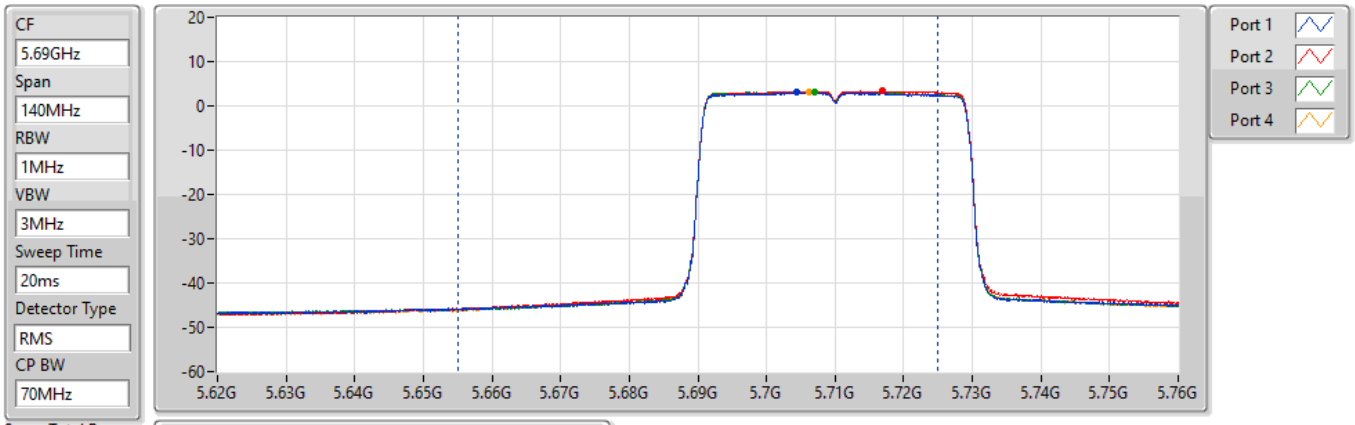


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.57	11.41	11.97	11.33	11.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz_TnomVnom

11/06/2022

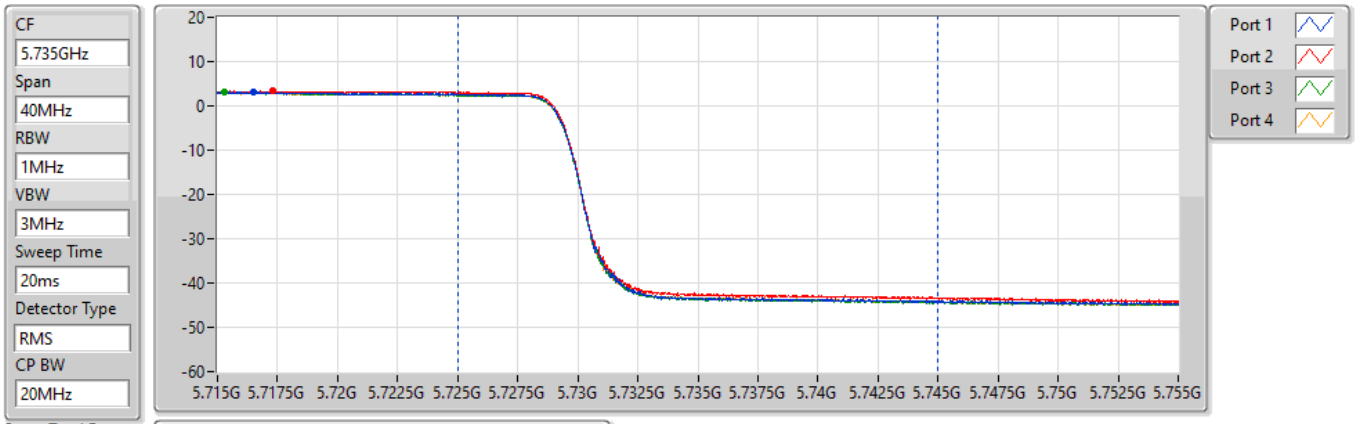


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.80	17.58	17.96	17.82	17.74

802.11ax HEW40-BF_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.725-5.85GHz_TnomVnom

11/06/2022

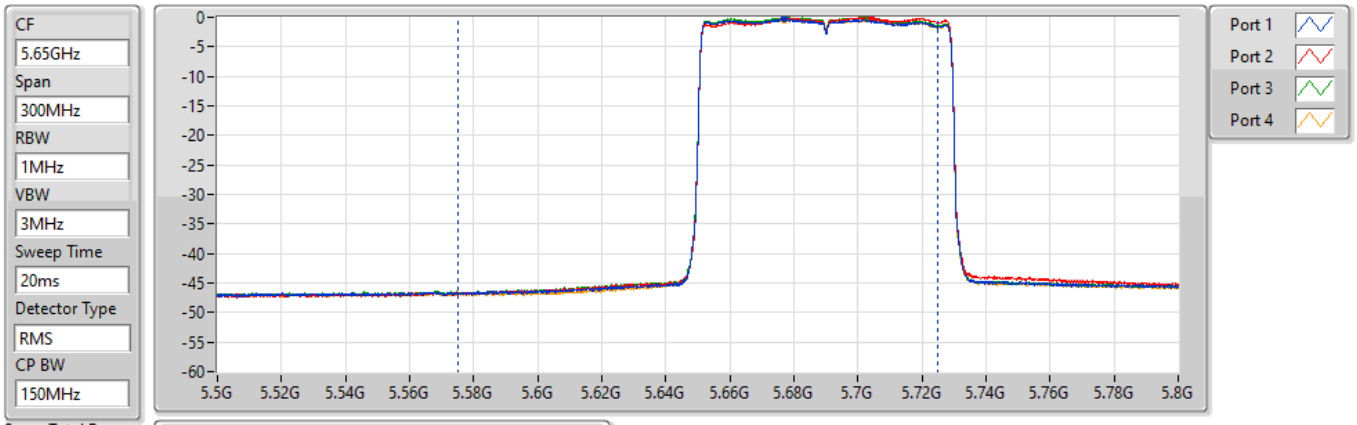


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.18	8.11	8.57	7.96	7.97

802.11ax HEW80-BF_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.47-5.725GHz_TnomVnom

11/06/2022

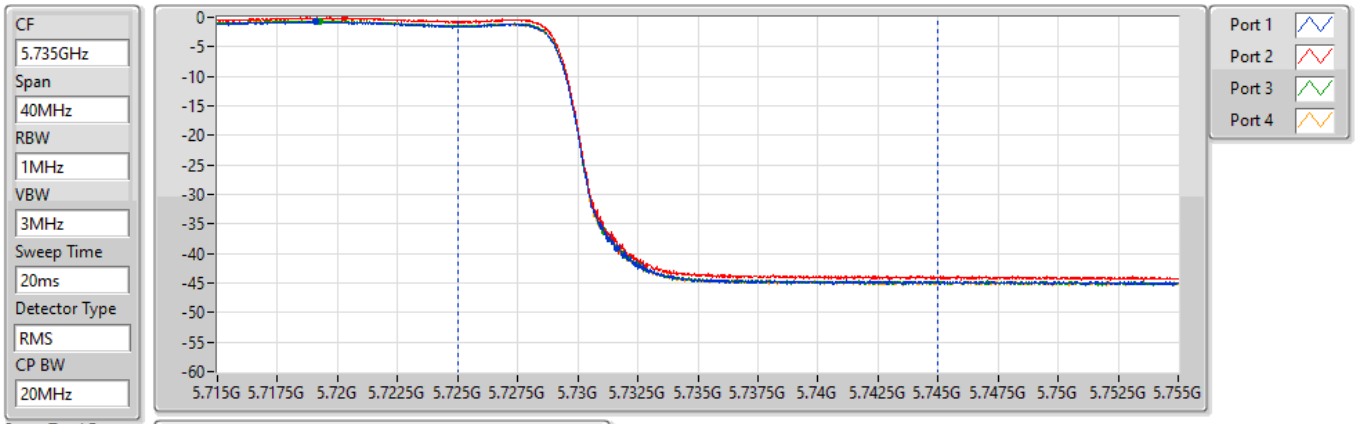


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.67	17.52	17.71	17.84	17.51

802.11ax HEW80-BF_Nss1,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz_TnomVnom

11/06/2022



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.58	4.31	5.11	4.41	4.36

Summary

Mode	Total Power (dBm)	Total Power (W)
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	29.89	0.97499
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	29.85	0.96605
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	29.75	0.94406

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	4.23	23.80	23.83	23.96	23.90	29.89	30.00
5785MHz	Pass	4.23	23.67	23.81	23.69	23.77	29.76	30.00
5825MHz	Pass	4.23	23.94	23.45	23.94	23.68	29.78	30.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	4.23	23.45	24.04	23.80	23.73	29.78	30.00
5795MHz	Pass	4.23	23.48	24.10	23.97	23.76	29.85	30.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	4.23	23.68	23.80	23.87	23.55	29.75	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.20	0.41687	29.99	0.99770
5.85-5.895GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.68	0.46559	30.47	1.11429

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	3.79	20.23	20.00	20.36	20.10	26.20	29.99	36.00
5865MHz	Pass	3.79	20.80	20.04	20.83	20.64	26.61	30.40	36.00
5885MHz	Pass	3.79	20.84	20.06	20.96	20.74	26.68	30.47	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.55	0.45186	33.31	2.14289
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.14	0.82035	35.90	3.89045
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	29.12	0.81658	35.88	3.87258
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	27.13	0.51642	33.89	2.44906
5.85-5.895GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.07	0.50933	33.83	2.41546

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	6.76	20.60	20.13	20.82	20.55	26.55	33.31	36.00
5865MHz	Pass	6.76	21.10	20.81	21.25	21.03	27.07	33.83	36.00
5885MHz	Pass	6.76	17.90	17.68	17.99	17.95	23.90	30.66	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	6.76	23.04	22.85	23.24	23.05	29.07	35.83	36.00
5875MHz	Pass	6.76	23.12	22.80	23.38	23.15	29.14	35.90	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.895GHz									
5855MHz	Pass	6.76	23.20	22.73	23.46	22.98	29.12	35.88	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5815MHz	Pass	6.76	21.29	21.04	20.97	21.12	27.13	33.89	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.725-5.895GHz	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	28.99	0.79250	32.78	1.89671
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	32.05	1.60325	35.84	3.83707
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	32.18	1.65196	35.97	3.95367
5.85-5.895GHz	-	-	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	29.56	0.90365	33.35	2.16272

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	3.79	23.20	22.74	23.12	22.82	28.99	32.78	36.00
5865MHz	Pass	3.79	23.53	23.24	23.91	23.44	29.56	33.35	36.00
5885MHz	Pass	3.79	17.87	17.60	18.28	17.79	23.91	27.70	36.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	3.79	26.02	25.73	26.28	26.08	32.05	35.84	36.00
5875MHz	Pass	3.79	26.08	25.45	26.38	26.02	32.02	35.81	36.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5855MHz	Pass	3.79	26.19	25.92	26.41	26.11	32.18	35.97	36.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	16.70
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.54

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

Result

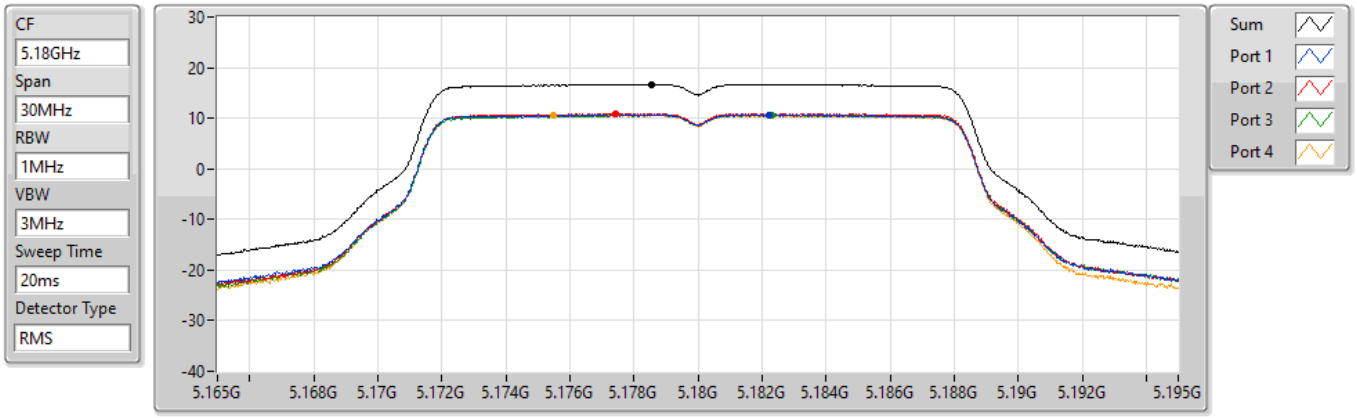
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.24	10.67	10.90	10.69	10.60	16.66	16.76
5200MHz	Pass	6.24	10.71	10.74	10.84	10.61	16.67	16.76
5240MHz	Pass	6.24	10.47	10.78	11.03	10.76	16.70	16.76
5260MHz	Pass	6.43	4.26	4.43	4.61	4.50	10.40	10.57
5300MHz	Pass	6.43	4.44	4.68	4.55	4.64	10.54	10.57
5320MHz	Pass	6.43	4.61	4.48	4.50	4.65	10.48	10.57

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX PSD

5180MHz

10/06/2022

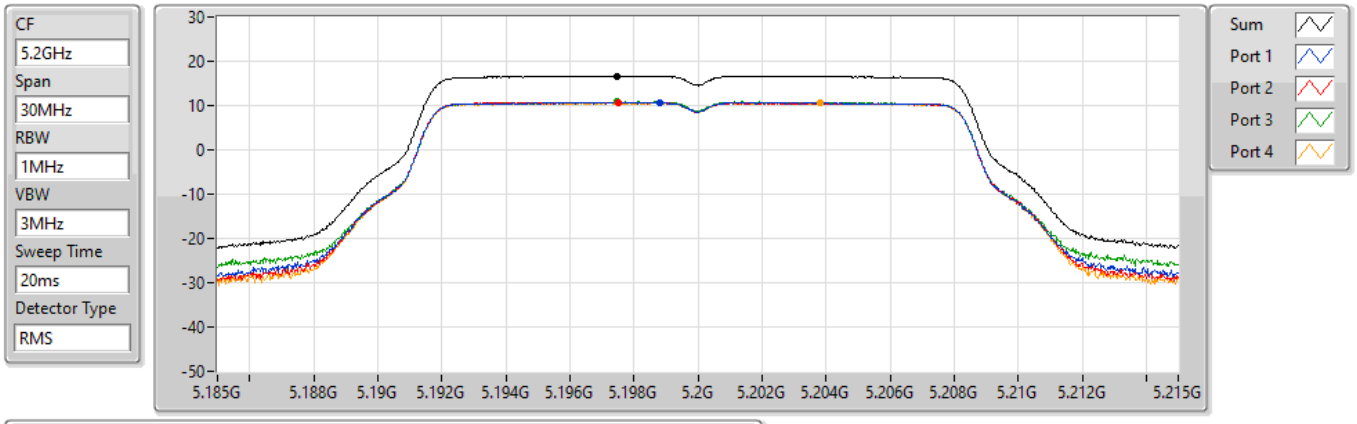


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.66	16.66	10.67	10.90	10.69	10.60

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

10/06/2022

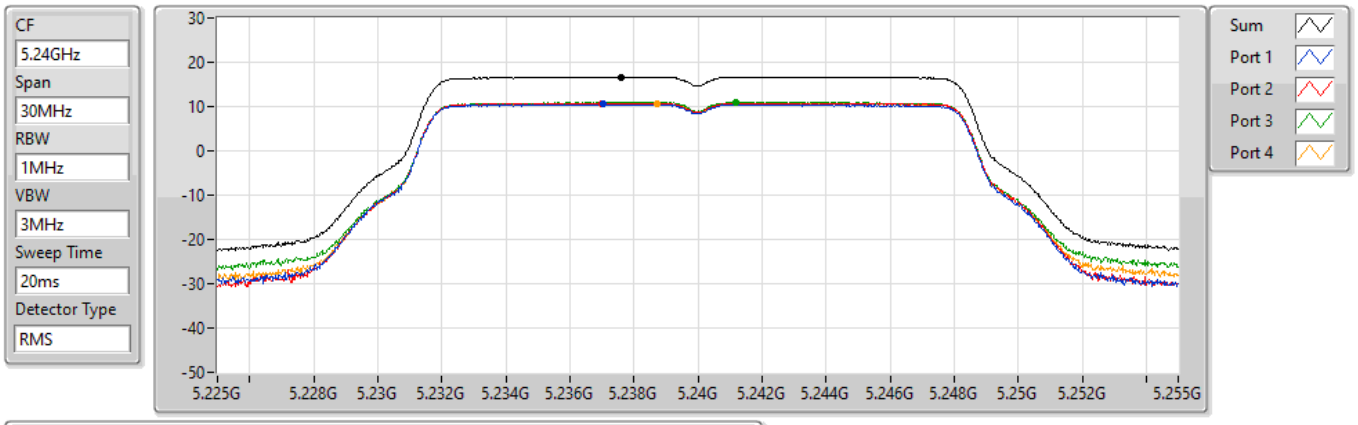


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.67	16.67	10.71	10.74	10.84	10.61

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

10/06/2022

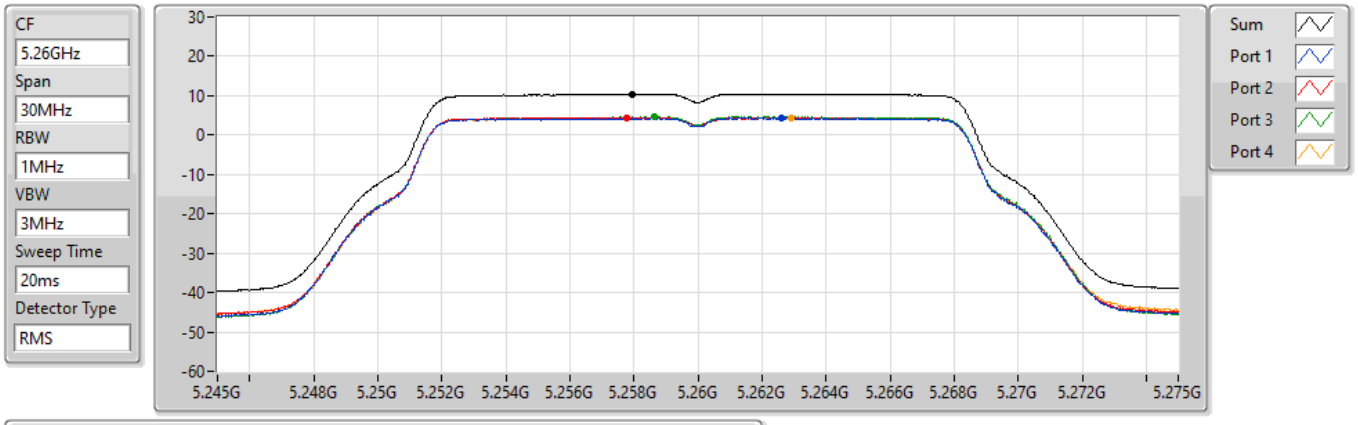


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.70	16.70	10.47	10.78	11.03	10.76

802.11a_Nss1,(6Mbps)_4TX PSD

5260MHz

11/06/2022

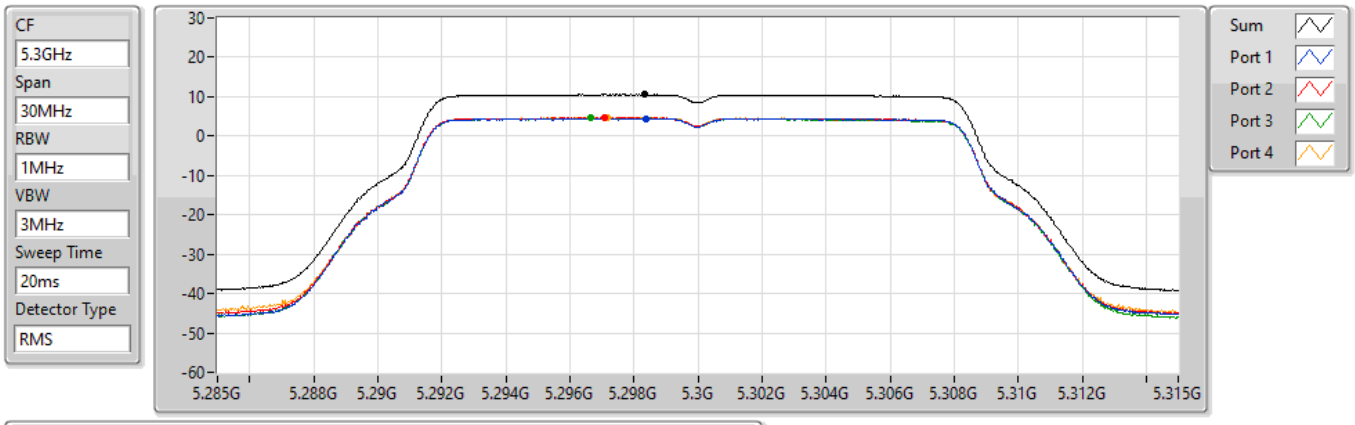


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.40	10.40	4.26	4.43	4.61	4.50

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

11/06/2022

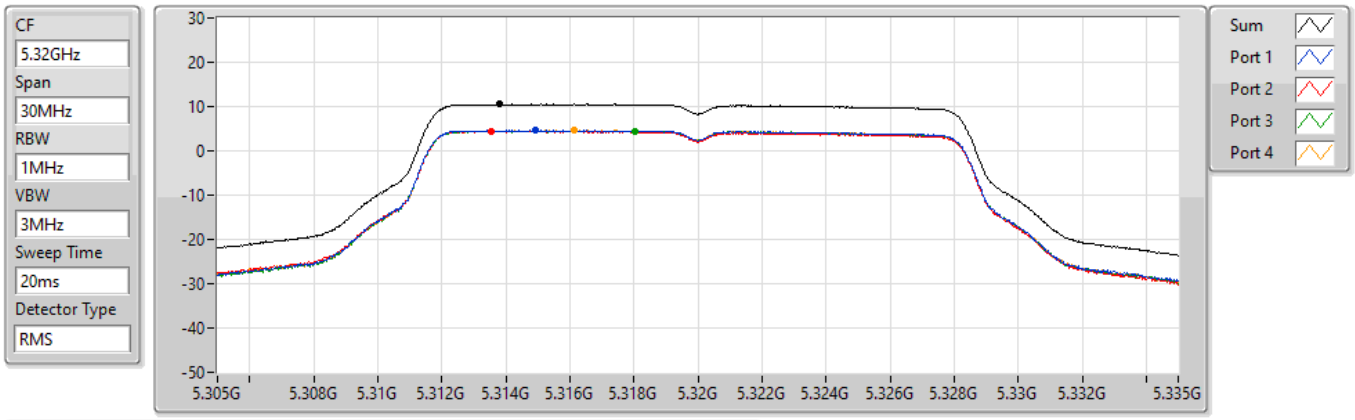


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	4.44	4.68	4.55	4.64

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	4.61	4.48	4.50	4.65

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.68
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.58
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	10.37
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	3.75
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.13
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.10
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.23
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	4.23

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

Result

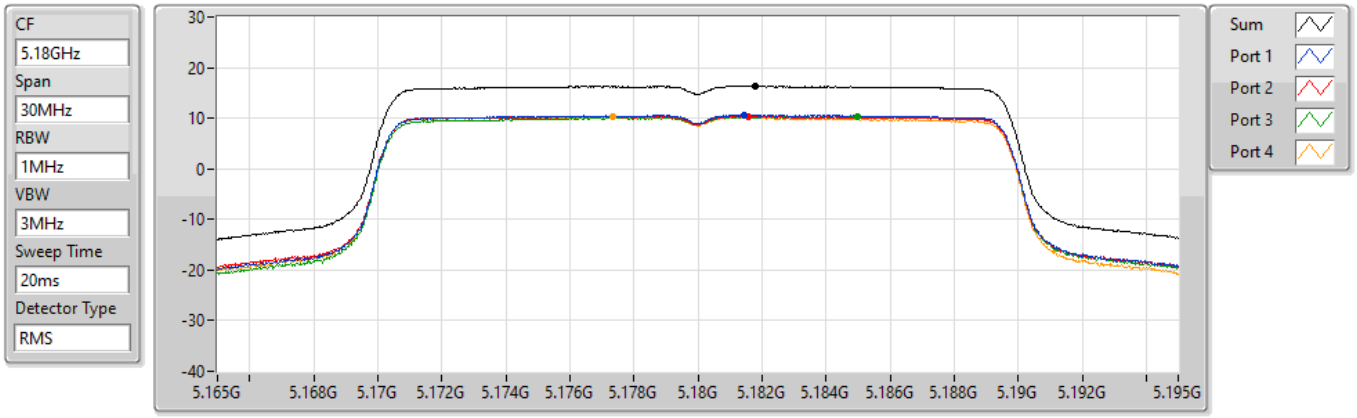
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.24	10.59	10.40	10.31	10.27	16.34	16.76
5200MHz	Pass	6.24	10.86	10.89	10.52	10.45	16.68	16.76
5240MHz	Pass	6.24	9.92	10.11	10.53	10.51	16.25	16.76
5260MHz	Pass	6.43	3.95	3.83	4.01	3.95	9.88	10.57
5300MHz	Pass	6.43	4.07	4.02	4.24	4.30	10.09	10.57
5320MHz	Pass	6.43	4.24	4.30	4.17	4.15	10.13	10.57
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.24	8.02	7.67	7.55	7.32	13.58	16.76
5230MHz	Pass	6.24	7.34	7.44	7.54	7.67	13.44	16.76
5270MHz	Pass	6.43	0.85	0.80	1.09	1.10	6.91	10.57
5310MHz	Pass	6.43	1.16	1.21	1.09	1.18	7.10	10.57
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.24	4.46	4.38	4.73	4.31	10.37	16.76
5290MHz	Pass	6.43	-1.81	-1.62	-1.73	-1.65	4.23	10.57
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.24	-2.22	-2.17	-2.43	-2.09	3.75	16.76
5250MHz Straddle 5.25-5.35GHz	Pass	6.43	-2.19	-1.99	-1.42	-1.40	4.23	10.57

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5180MHz

14/06/2022

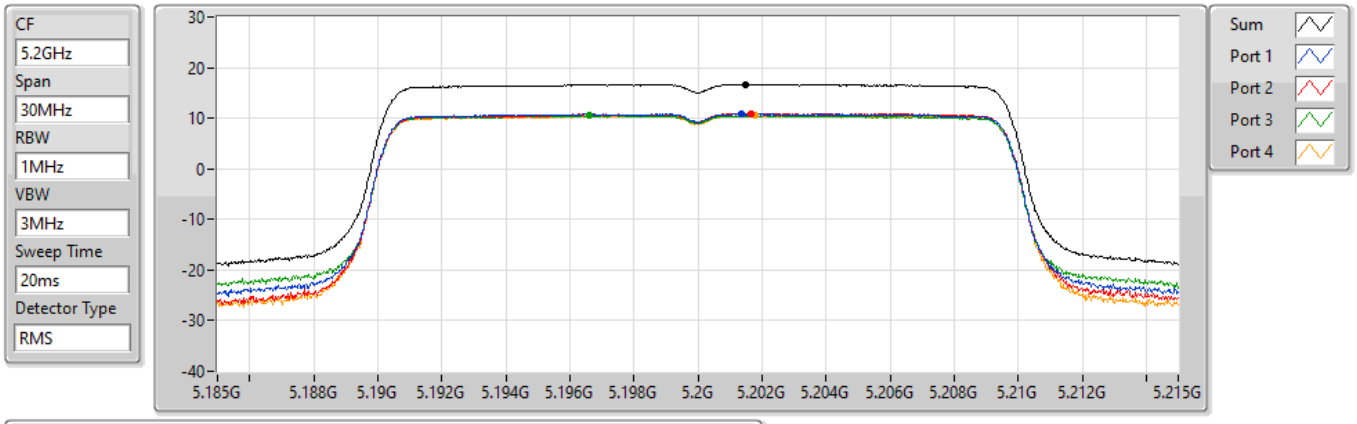


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.34	16.34	10.59	10.40	10.31	10.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5200MHz

14/06/2022

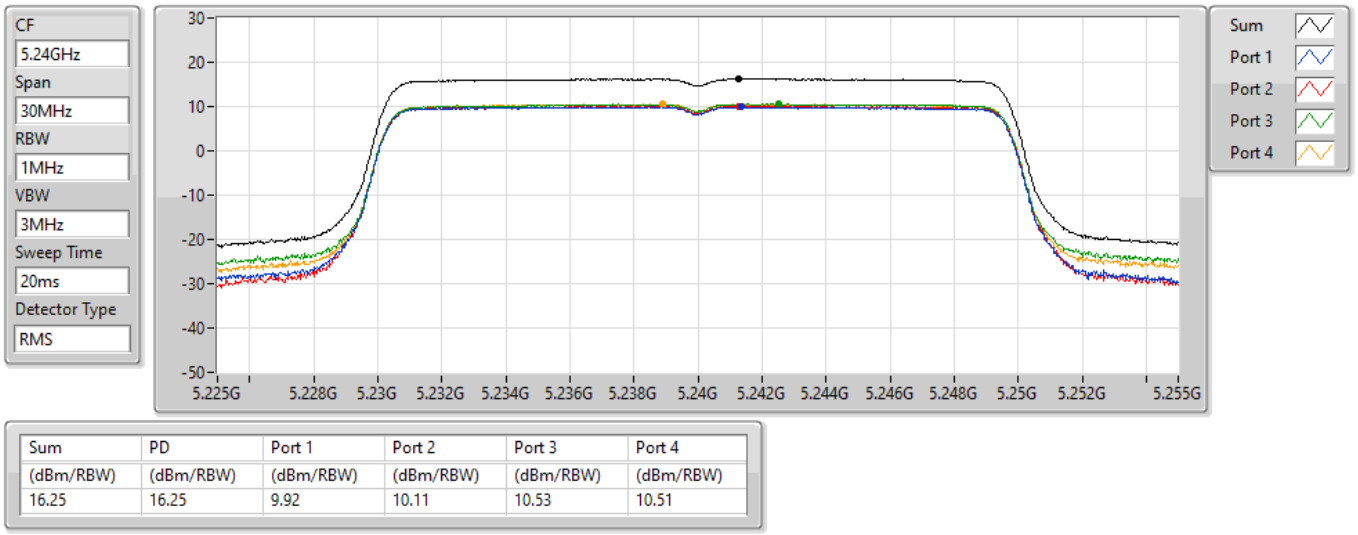


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.68	16.68	10.86	10.89	10.52	10.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5240MHz

11/06/2022

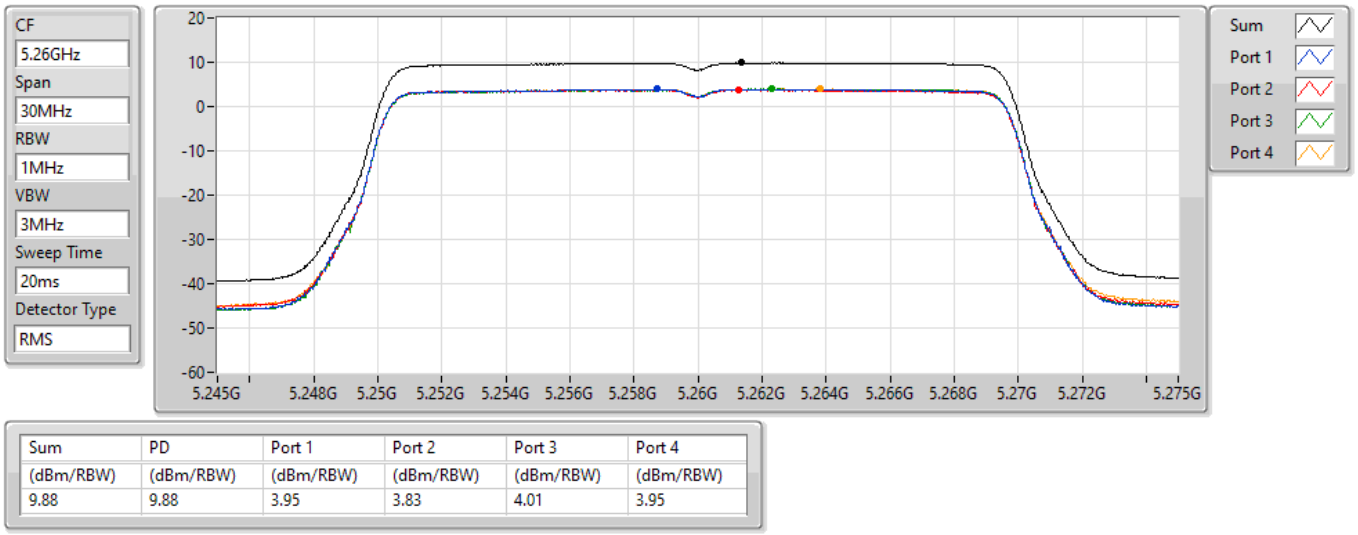


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.25	16.25	9.92	10.11	10.53	10.51

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5260MHz

11/06/2022



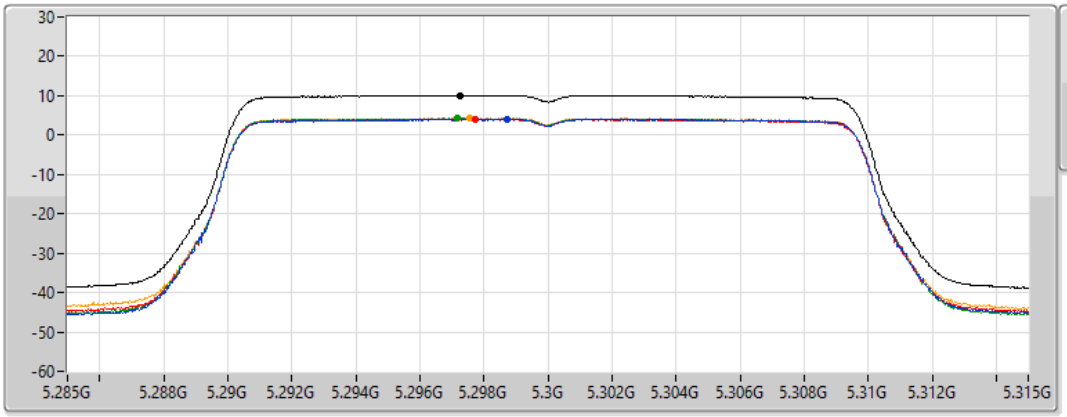
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.88	9.88	3.95	3.83	4.01	3.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5300MHz

11/06/2022

CF	5.3GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



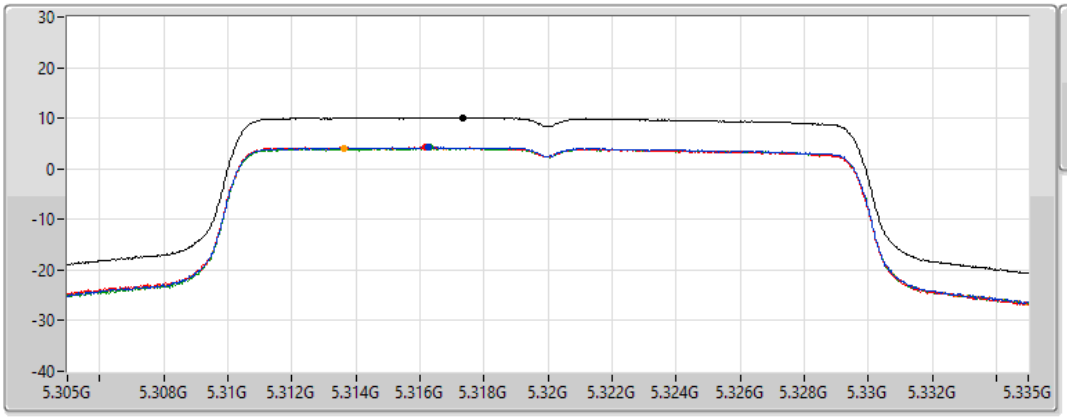
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.09	10.09	4.07	4.02	4.24	4.30

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5320MHz

11/06/2022

CF	5.32GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS

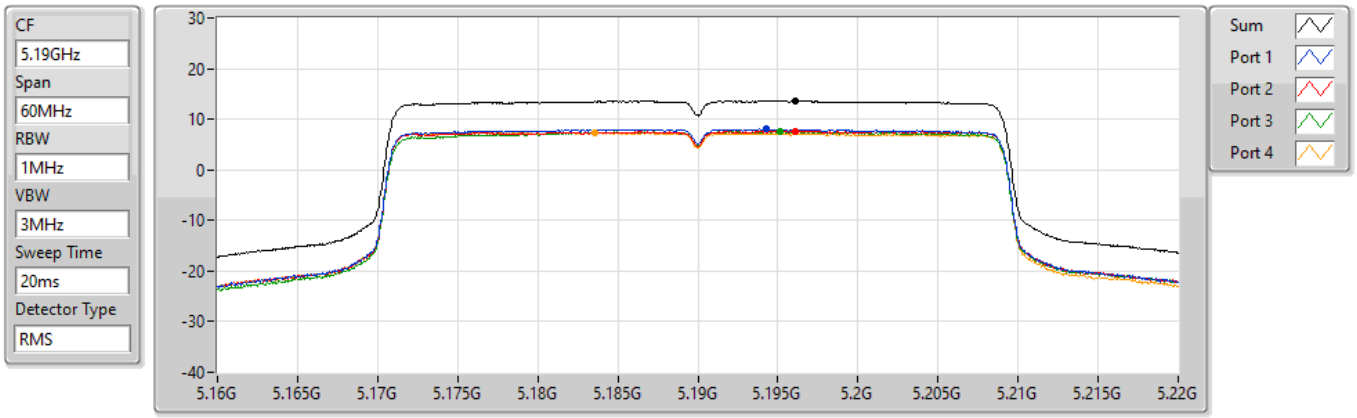


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.13	10.13	4.24	4.30	4.17	4.15

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5190MHz

14/06/2022

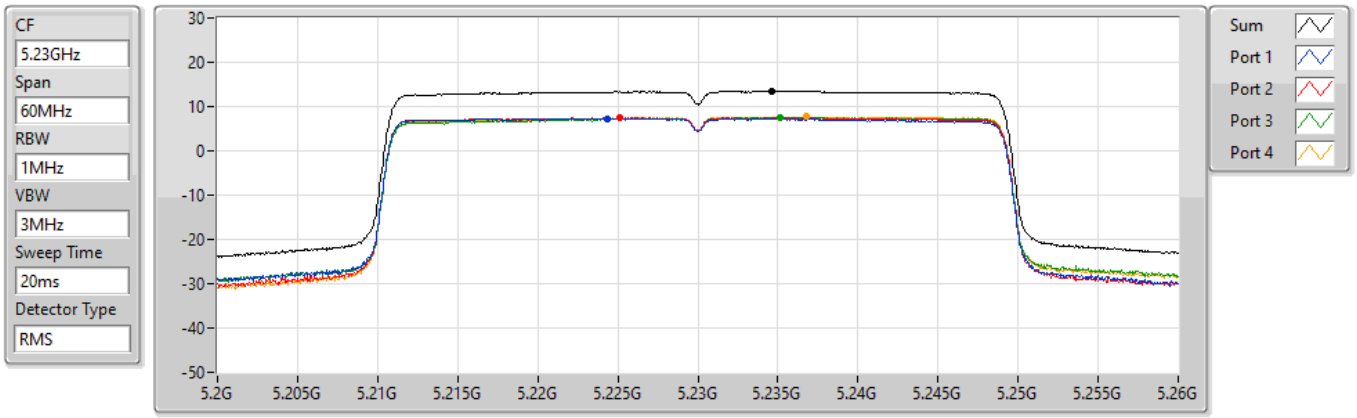


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.58	13.58	8.02	7.67	7.55	7.32

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5230MHz

14/06/2022

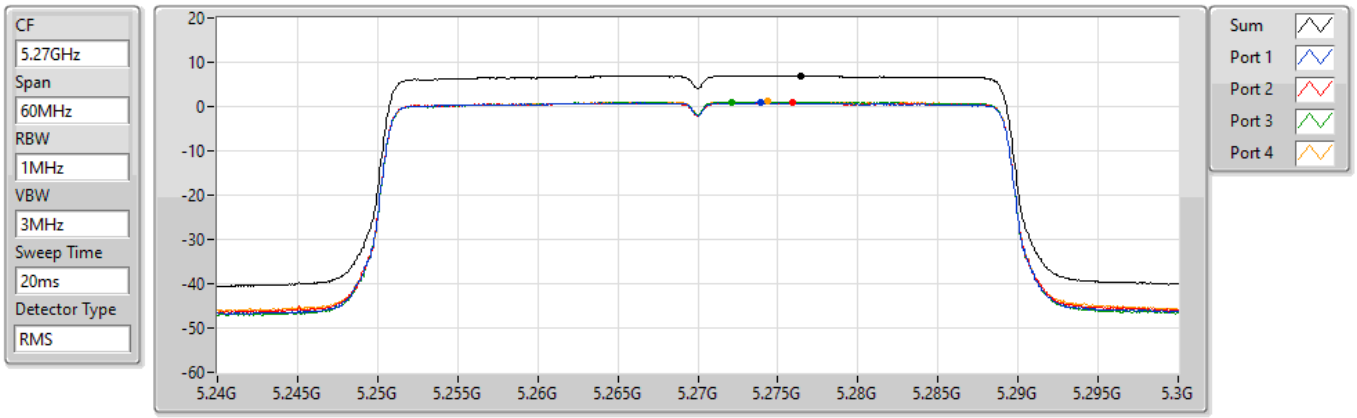


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.44	13.44	7.34	7.44	7.54	7.67

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5270MHz

11/06/2022

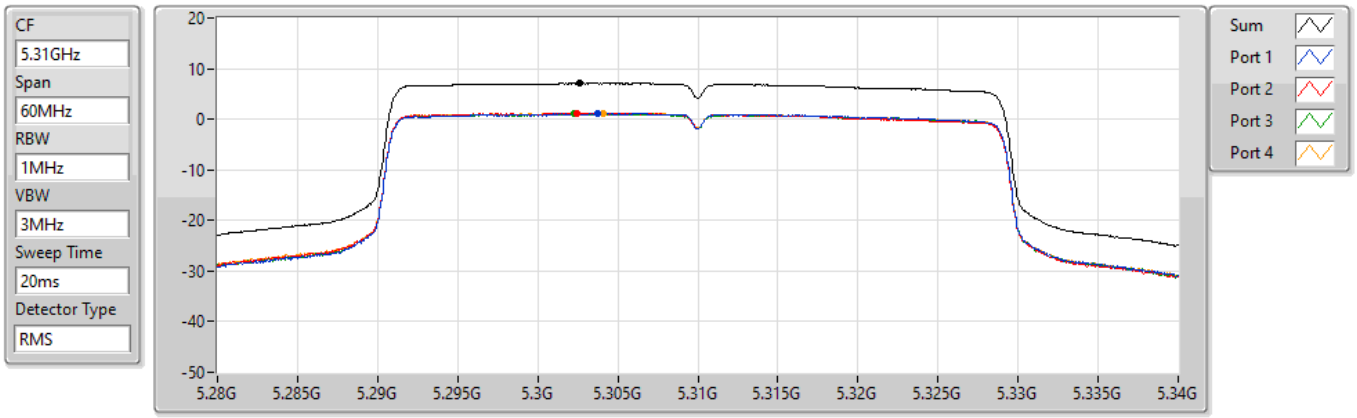


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	0.85	0.80	1.09	1.10

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5310MHz

11/06/2022

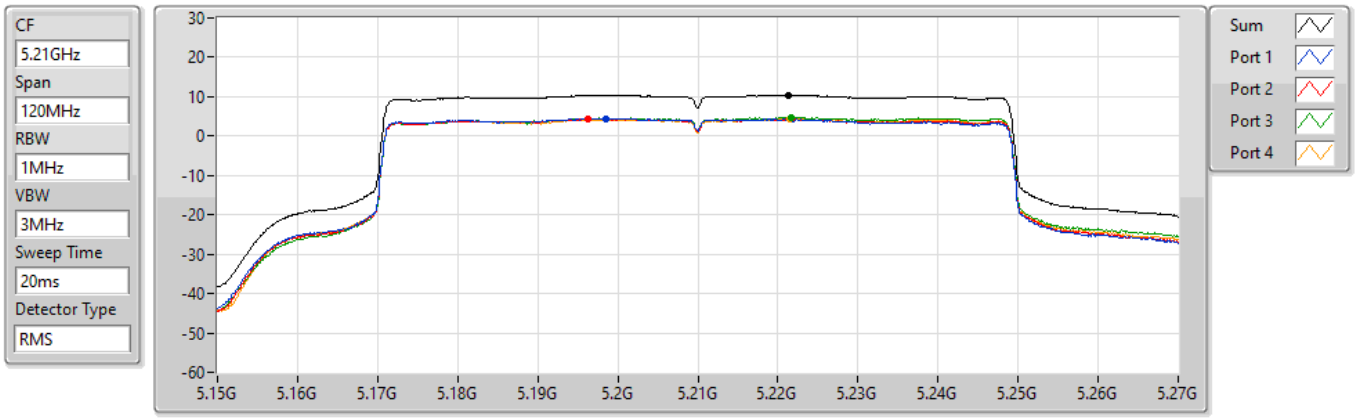


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	1.16	1.21	1.09	1.18

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5210MHz

11/06/2022

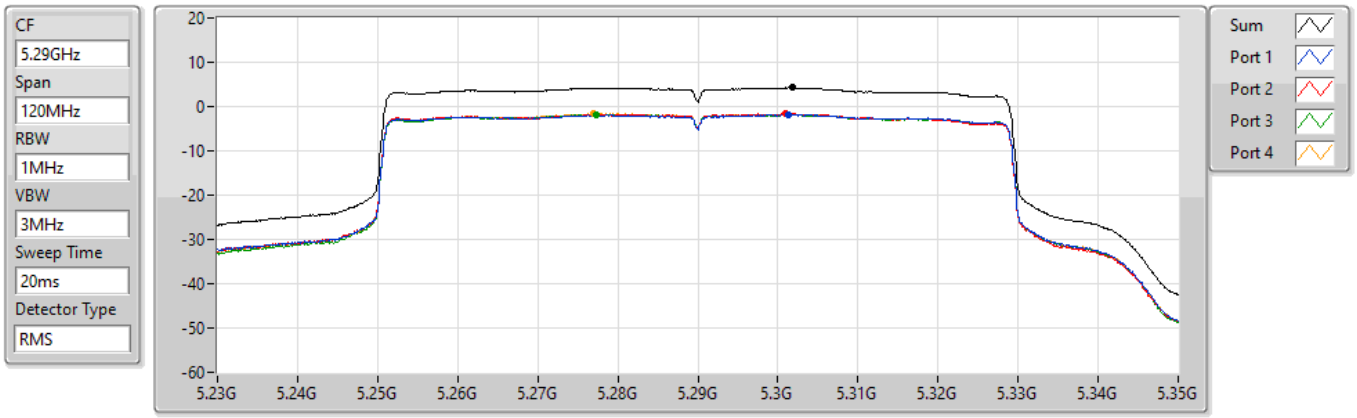


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	4.46	4.38	4.73	4.31

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5290MHz

11/06/2022

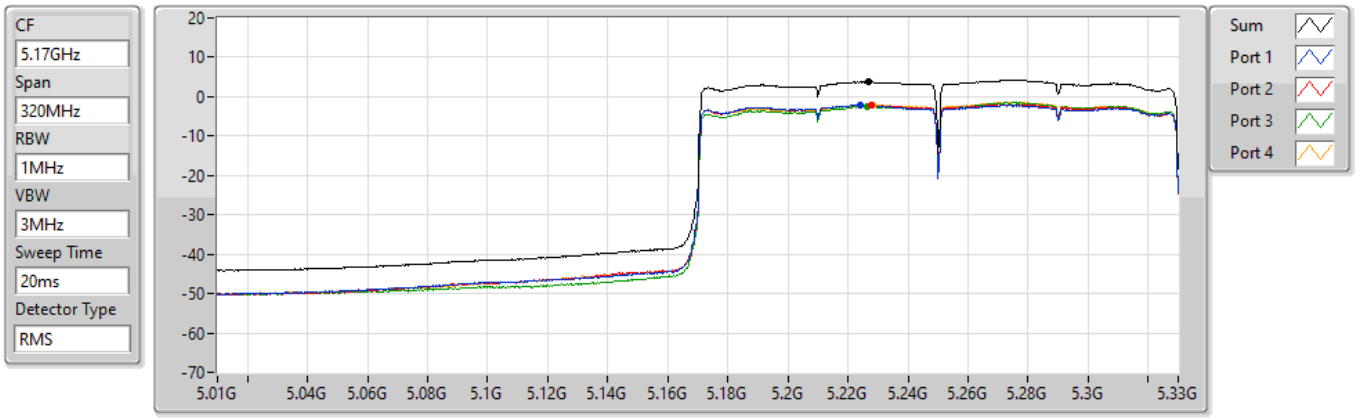


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-1.81	-1.62	-1.73	-1.65

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

11/06/2022

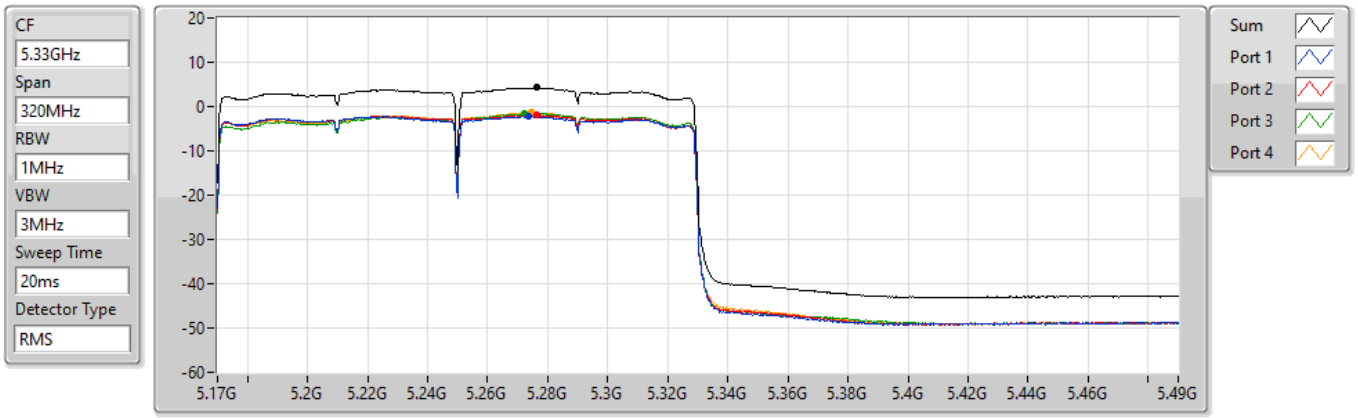


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.75	3.75	-2.22	-2.17	-2.43	-2.09

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-2.19	-1.99	-1.42	-1.40

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	10.38
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	7.55
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	5.05

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

Result

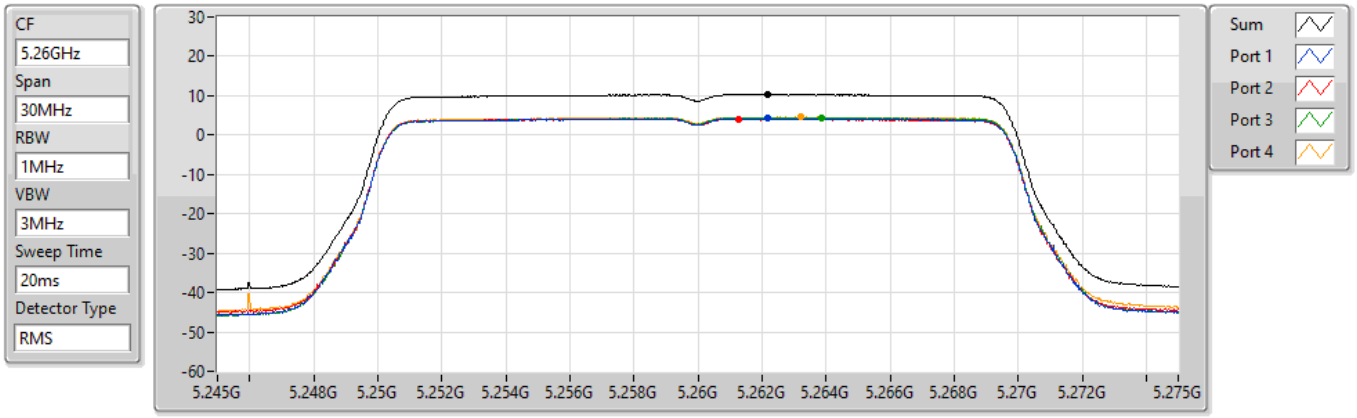
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.32	4.18	4.13	4.38	4.56	10.27	11.00
5300MHz	Pass	4.32	4.28	4.31	4.20	4.38	10.25	11.00
5320MHz	Pass	4.32	4.49	4.35	4.31	4.46	10.38	11.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.32	1.23	1.28	1.46	1.48	7.33	11.00
5310MHz	Pass	4.32	1.52	1.61	1.54	1.71	7.55	11.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.32	-0.89	-0.83	-1.05	-0.87	5.05	11.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5260MHz

11/06/2022

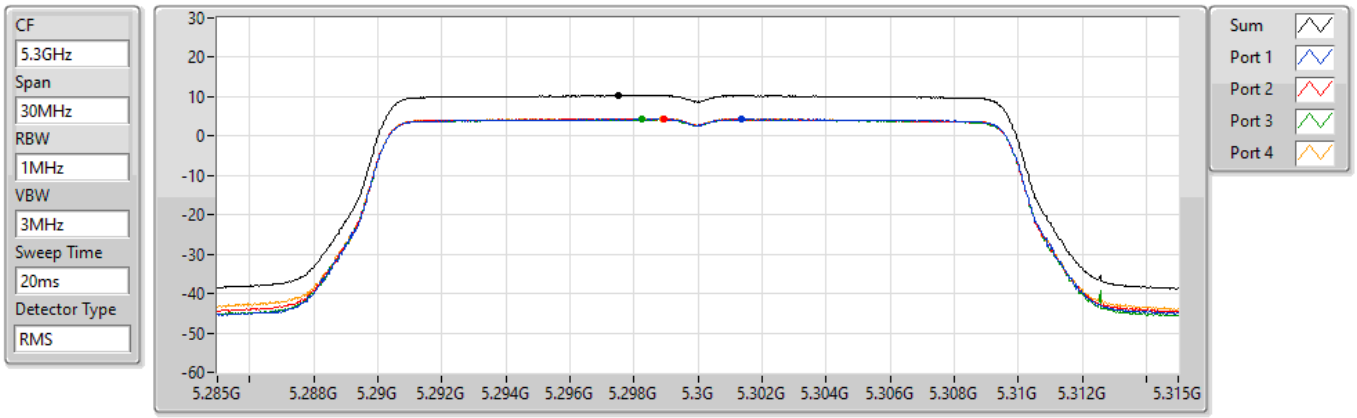


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	4.18	4.13	4.38	4.56

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5300MHz

11/06/2022

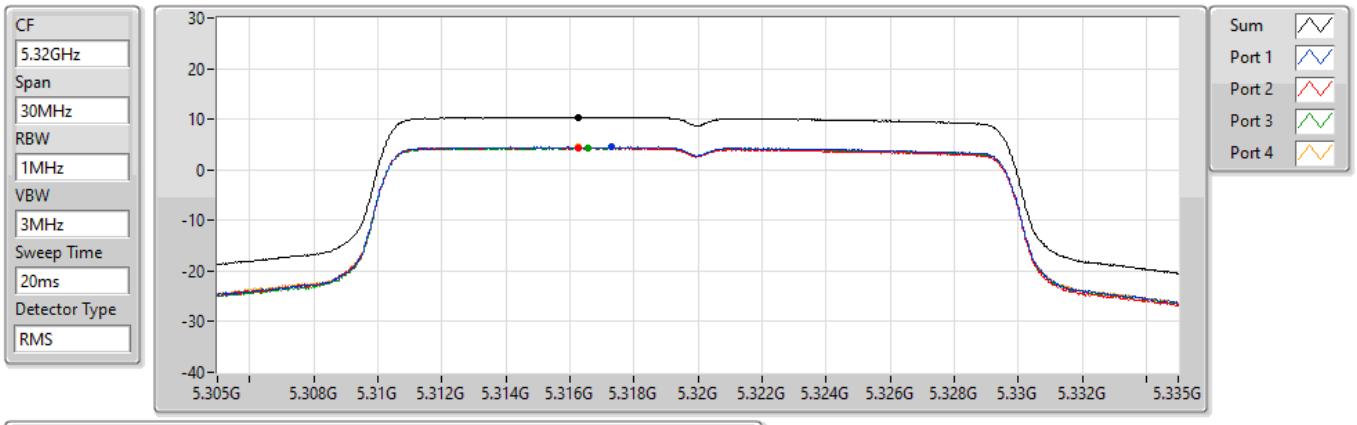


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	4.28	4.31	4.20	4.38

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5320MHz

11/06/2022

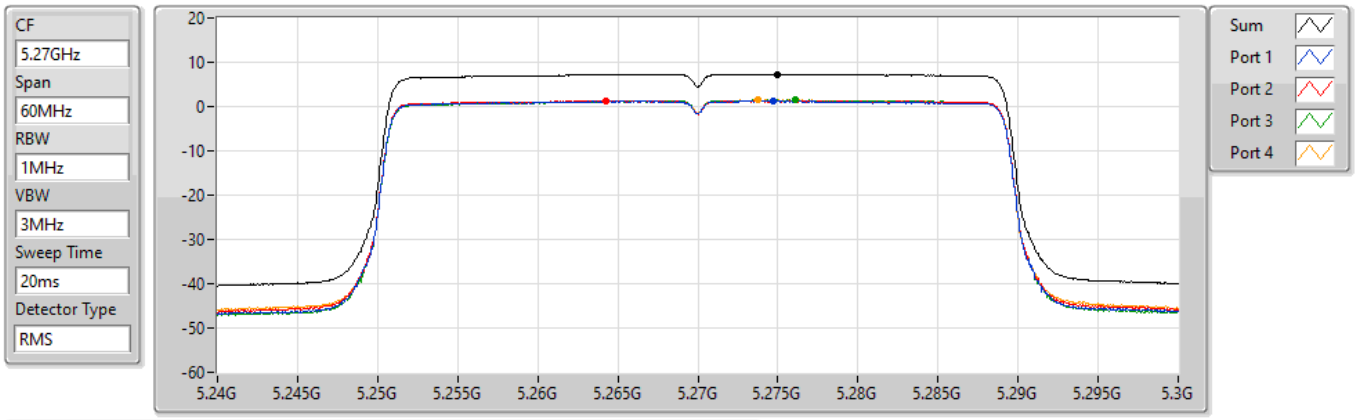


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.38	10.38	4.49	4.35	4.31	4.46

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5270MHz

11/06/2022

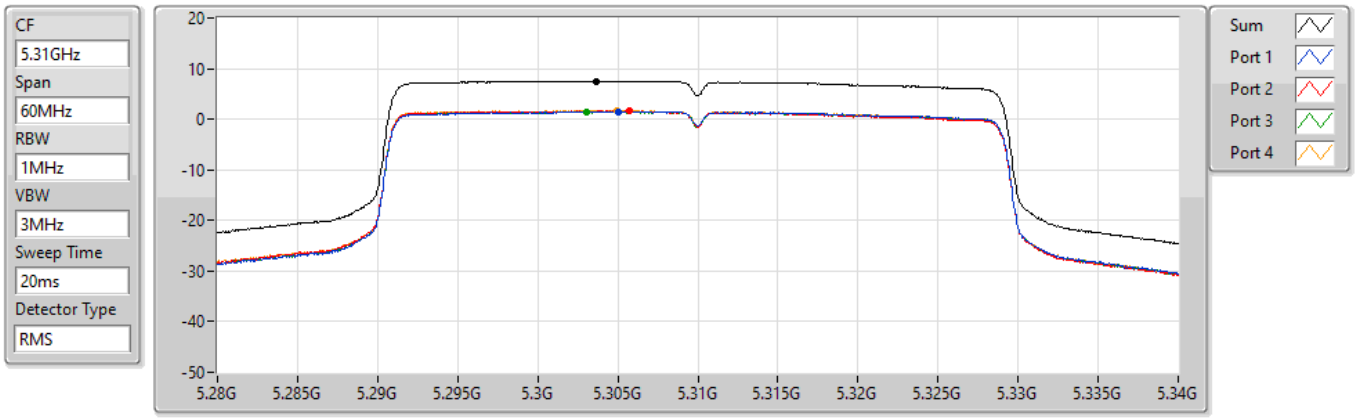


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.33	7.33	1.23	1.28	1.46	1.48

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5310MHz

11/06/2022

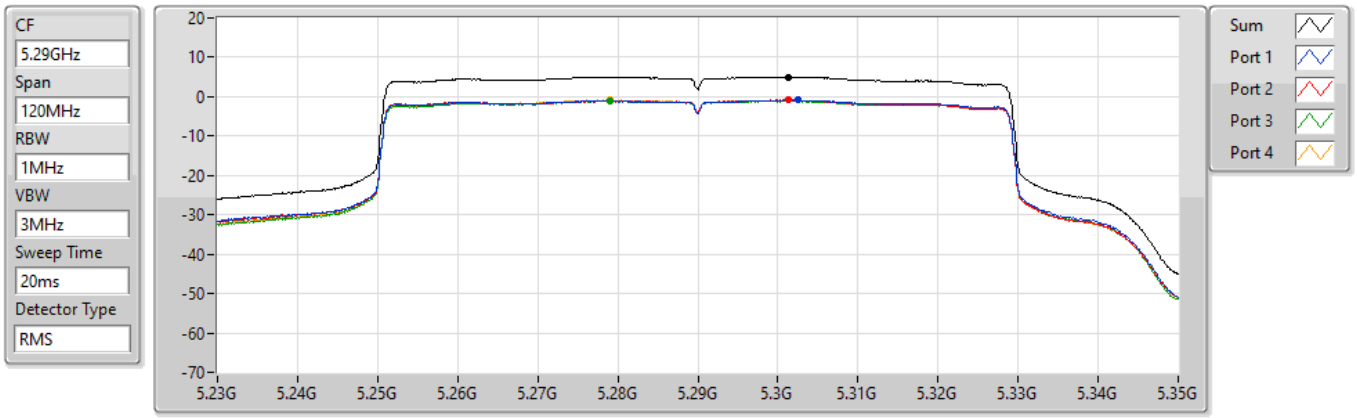


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	1.52	1.61	1.54	1.71

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

5290MHz

11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.05	5.05	-0.89	-0.83	-1.05	-0.87

Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.85
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.24

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

Result

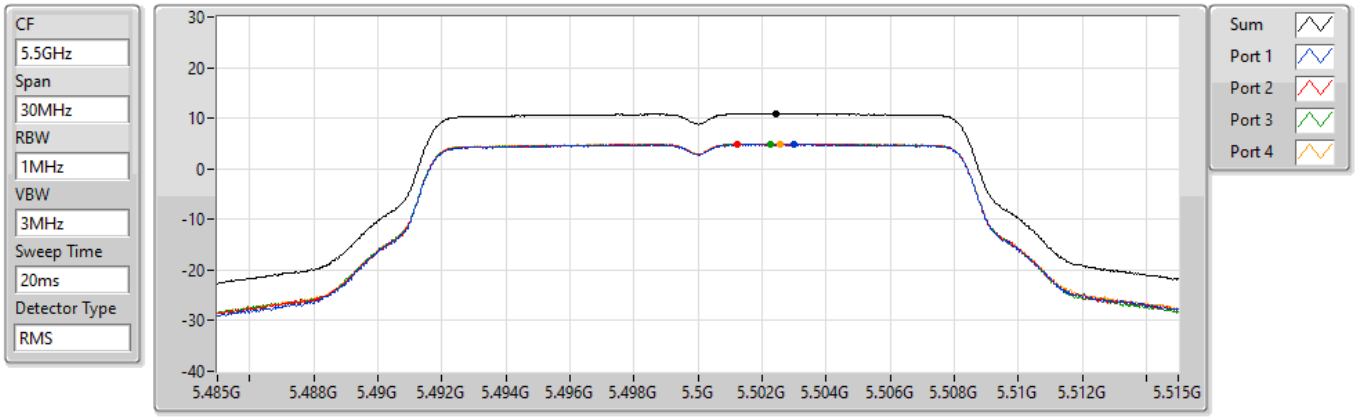
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	6.13	4.80	4.88	4.97	4.98	10.85	10.87
5580MHz	Pass	6.13	4.99	4.58	4.92	4.66	10.72	10.87
5700MHz	Pass	6.13	4.66	4.94	4.91	4.67	10.74	10.87
5720MHz Straddle 5.47-5.725GHz	Pass	6.13	4.70	5.01	4.75	4.61	10.71	10.87
5720MHz Straddle 5.725-5.85GHz	Pass	7.23	2.93	3.43	2.91	2.93	9.04	28.77
5745MHz	Pass	7.23	9.34	9.26	9.44	9.23	15.24	28.77
5785MHz	Pass	7.23	9.09	9.44	9.12	9.17	15.12	28.77
5825MHz	Pass	7.23	9.32	8.97	9.37	9.21	15.15	28.77

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

11/06/2022

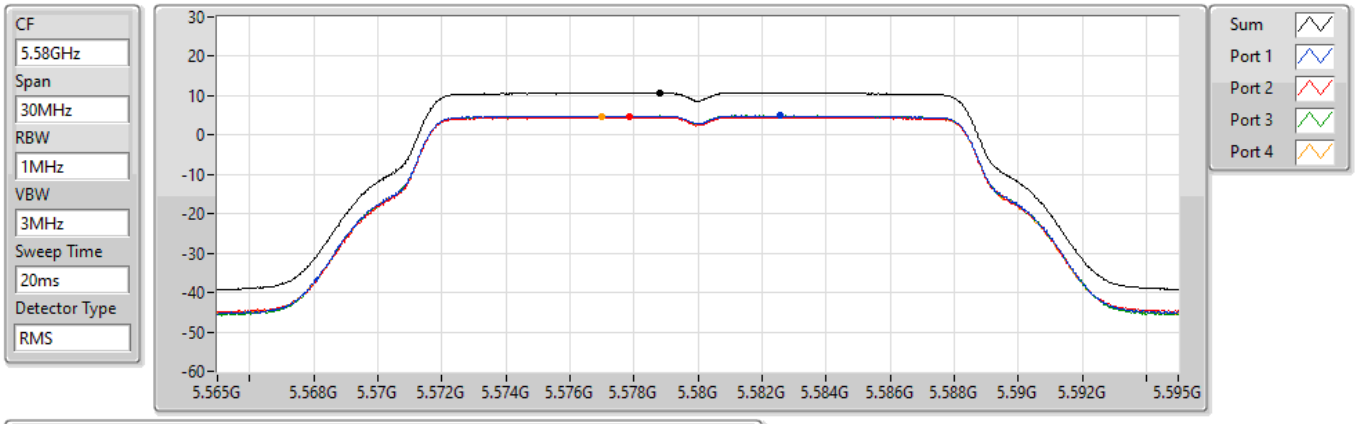


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.85	10.85	4.80	4.88	4.97	4.98

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

11/06/2022

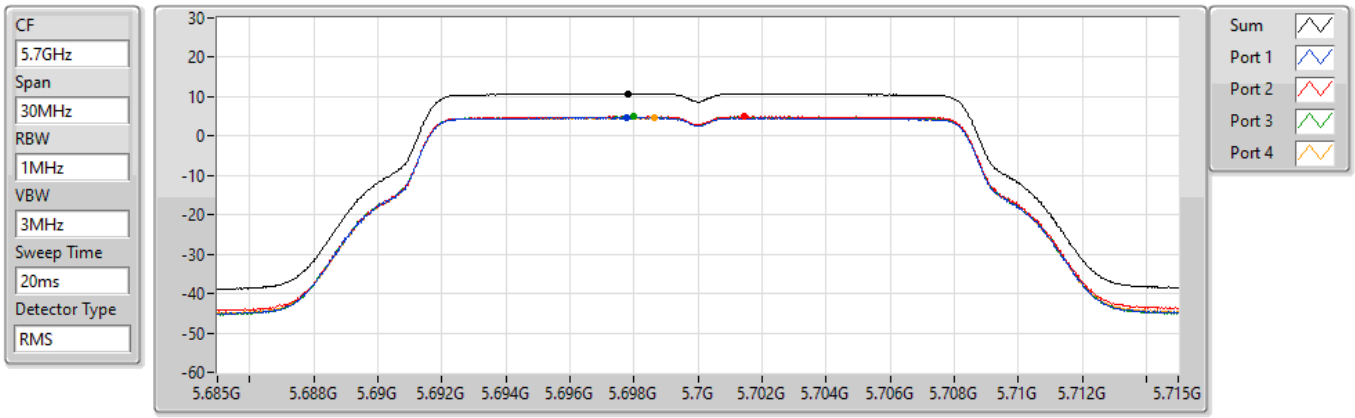


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	4.99	4.58	4.92	4.66

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

11/06/2022

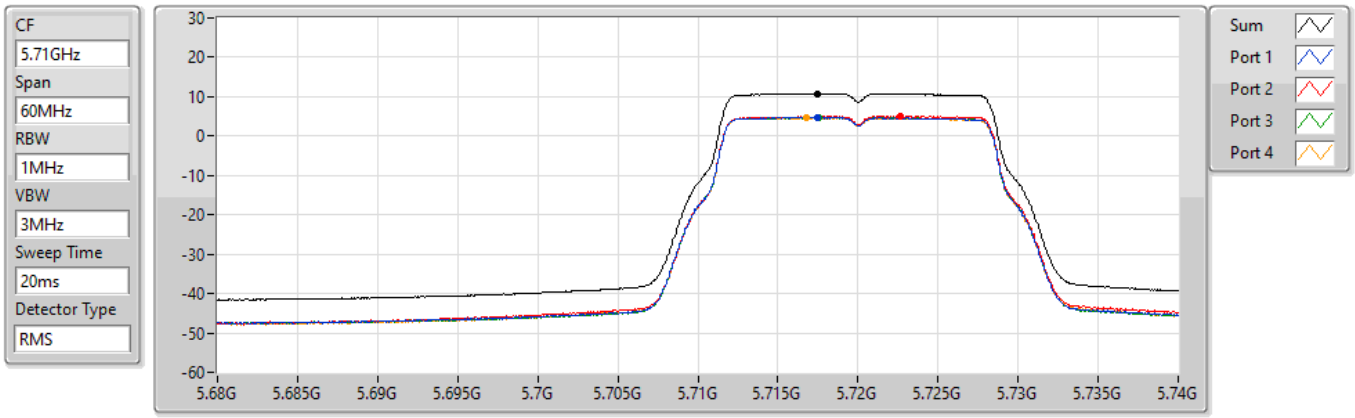


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	4.66	4.94	4.91	4.67

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

11/06/2022

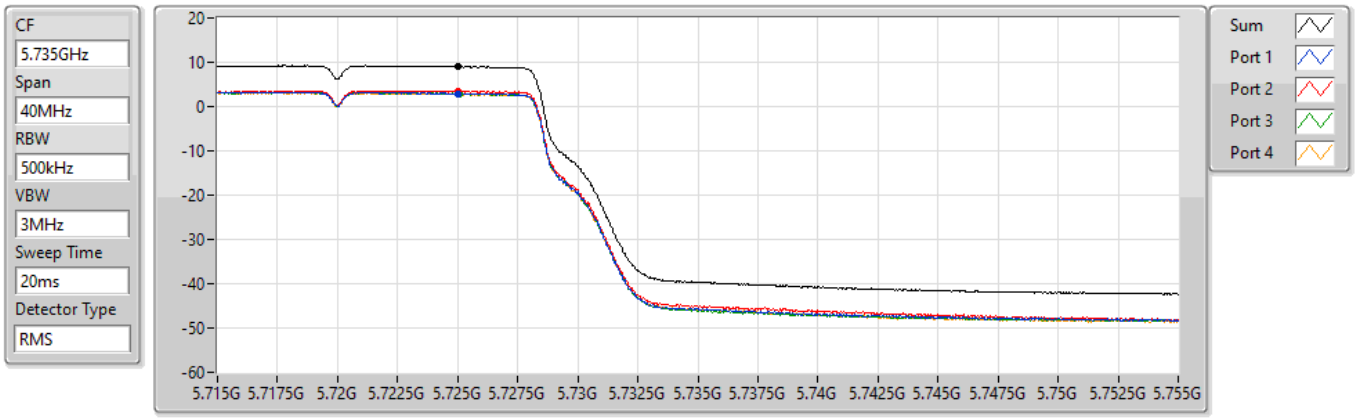


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.71	10.71	4.70	5.01	4.75	4.61

802.11a_Nss1,(6Mbps)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

11/06/2022

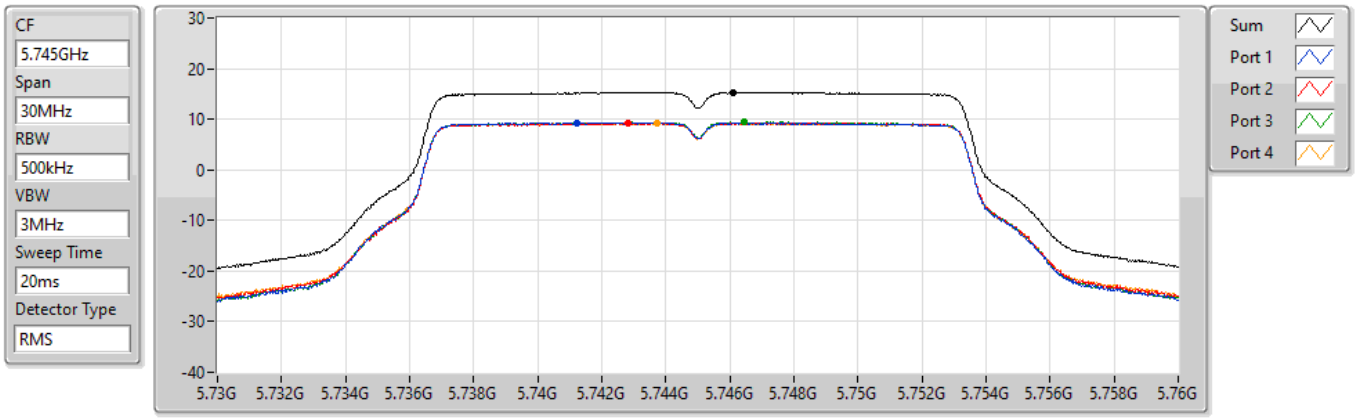


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	2.93	3.43	2.91	2.93

802.11a_Nss1,(6Mbps)_4TX PSD

5745MHz

11/06/2022

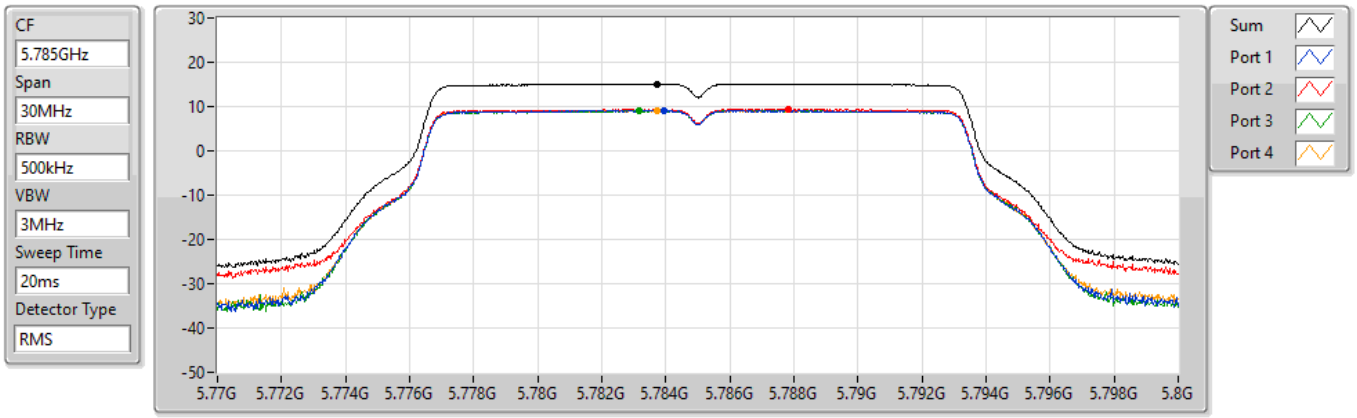


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.24	15.24	9.34	9.26	9.44	9.23

802.11a_Nss1,(6Mbps)_4TX PSD

5785MHz

11/06/2022

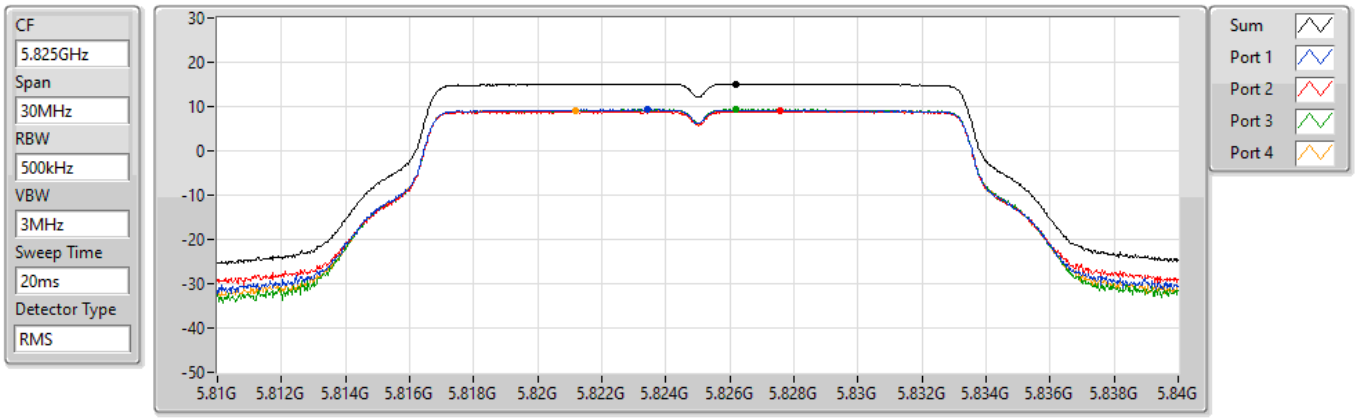


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.12	15.12	9.09	9.44	9.12	9.17

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.15	15.15	9.32	8.97	9.37	9.21

Summary

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.58
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.32
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.59
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.20
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.46

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

Result

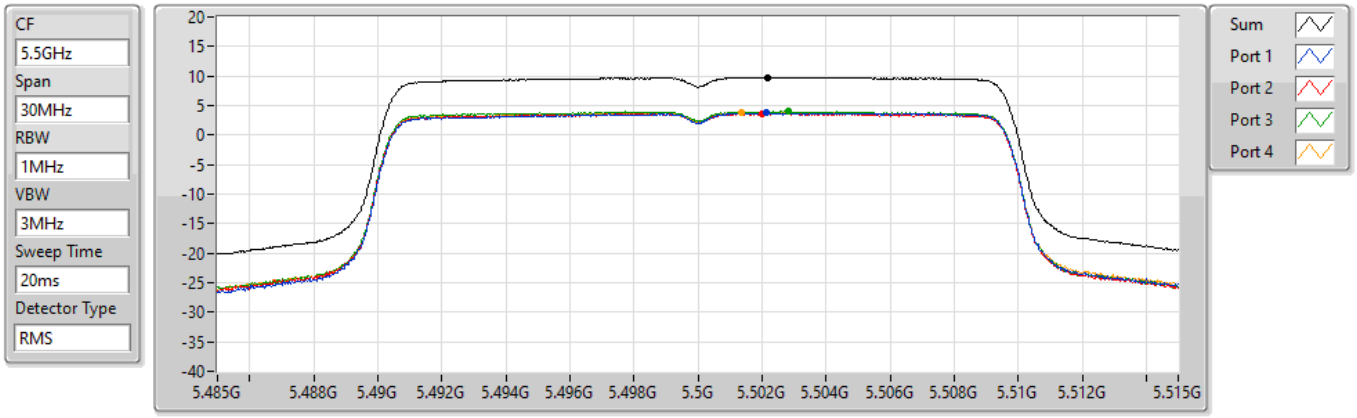
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5500MHz	Pass	6.13	3.72	3.65	4.02	3.90	9.77	10.87
5580MHz	Pass	6.13	4.15	3.15	4.13	3.95	9.83	10.87
5700MHz	Pass	6.13	3.90	3.99	3.87	3.83	9.86	10.87
5720MHz Straddle 5.47-5.725GHz	Pass	6.13	3.92	4.45	4.02	4.15	10.10	10.87
5720MHz Straddle 5.725-5.85GHz	Pass	7.23	2.31	2.86	2.28	2.37	8.47	28.77
5745MHz	Pass	7.23	7.06	7.45	7.20	7.14	13.16	28.77
5785MHz	Pass	7.23	7.05	7.53	7.04	7.25	13.16	28.77
5825MHz	Pass	7.23	7.29	7.16	7.32	7.29	13.20	28.77
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	6.13	0.90	1.07	1.06	1.11	6.99	10.87
5550MHz	Pass	6.13	0.90	0.86	0.93	0.90	6.85	10.87
5670MHz	Pass	6.13	0.72	0.82	0.70	0.72	6.65	10.87
5710MHz Straddle 5.47-5.725GHz	Pass	6.13	1.47	1.77	1.64	1.57	7.58	10.87
5710MHz Straddle 5.725-5.85GHz	Pass	7.23	-0.40	0.06	-0.53	-0.55	5.63	28.77
5755MHz	Pass	7.23	4.24	4.34	4.39	4.07	10.23	28.77
5795MHz	Pass	7.23	4.15	4.43	4.35	4.37	10.28	28.77
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5530MHz	Pass	6.13	-1.72	-1.78	-1.84	-1.83	4.10	10.87
5610MHz	Pass	6.13	-2.00	-2.03	-1.83	-2.09	3.96	10.87
5690MHz Straddle 5.47-5.725GHz	Pass	6.13	-1.73	-1.51	-1.59	-1.78	4.32	10.87
5690MHz Straddle 5.725-5.85GHz	Pass	7.23	-4.12	-3.39	-4.04	-4.09	2.09	28.77
5775MHz	Pass	7.23	1.39	1.41	1.77	1.53	7.46	28.77
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5570MHz	Pass	6.13	-4.48	-4.52	-4.22	-4.40	1.59	10.87

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5500MHz

11/06/2022

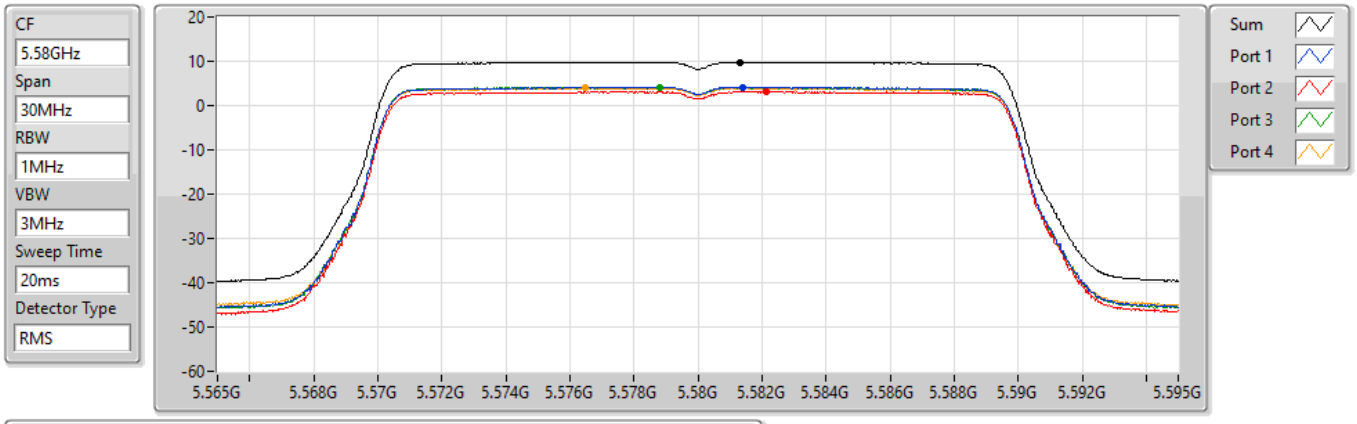


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	3.72	3.65	4.02	3.90

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5580MHz

11/06/2022

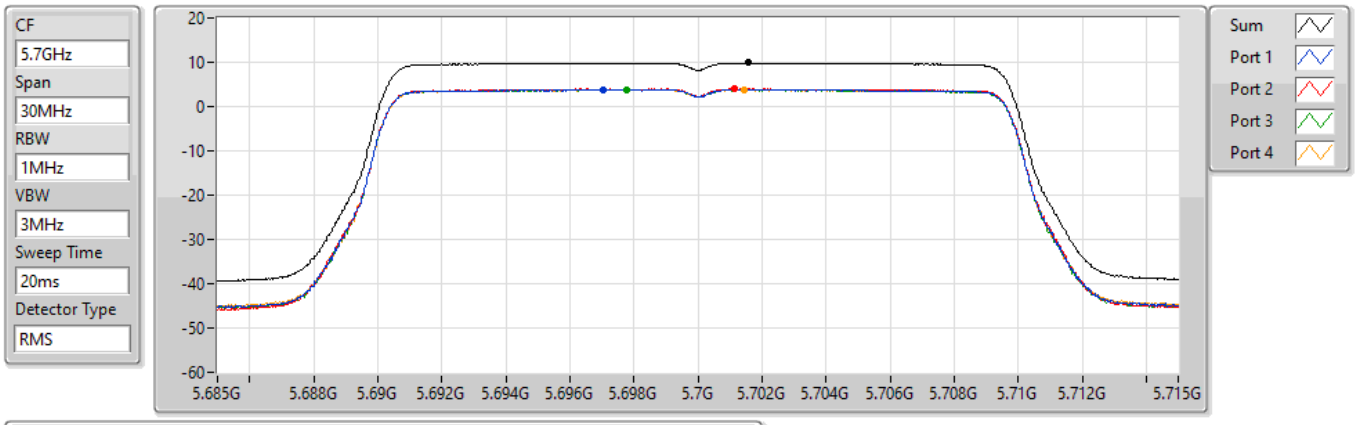


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	4.15	3.15	4.13	3.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5700MHz

11/06/2022

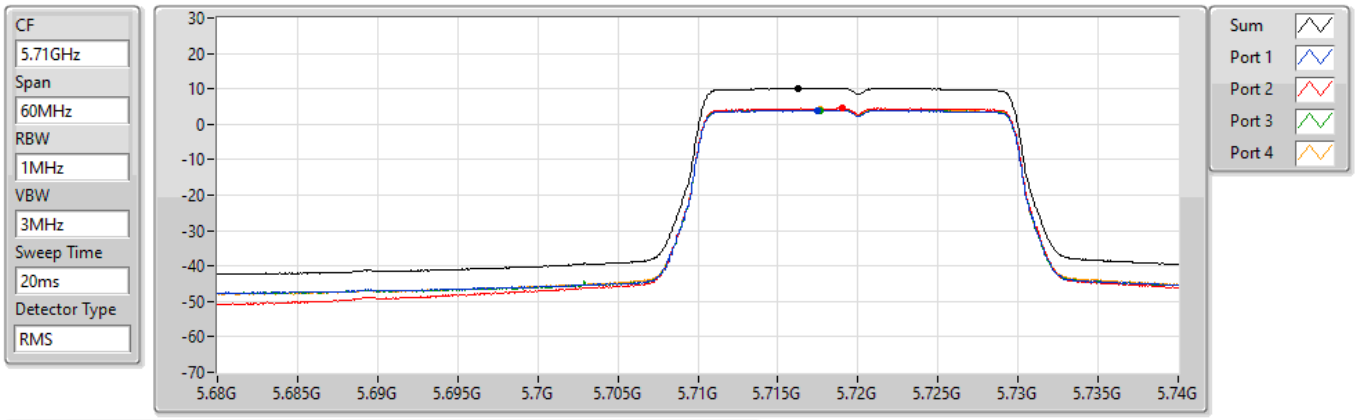


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	3.90	3.99	3.87	3.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

11/06/2022

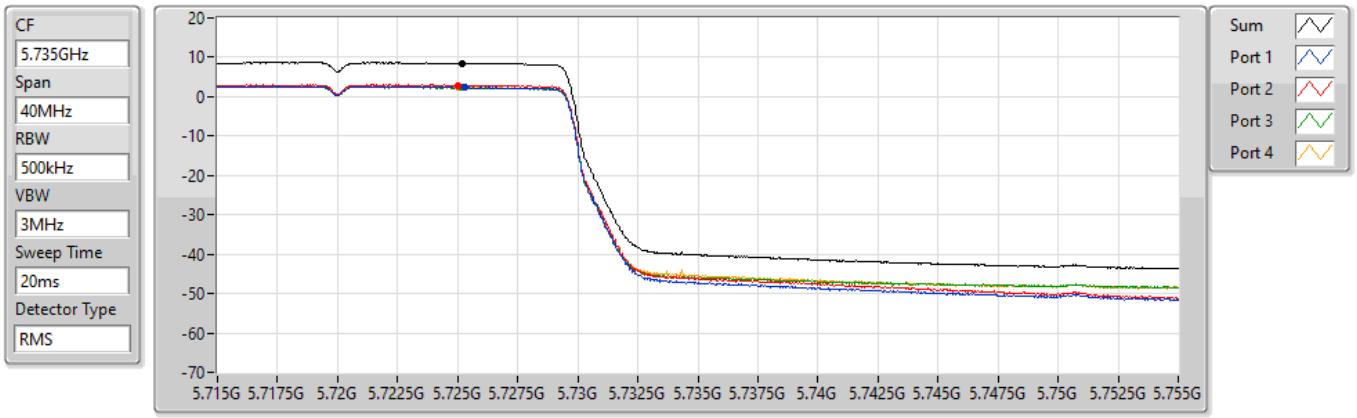


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	3.92	4.45	4.02	4.15

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

11/06/2022

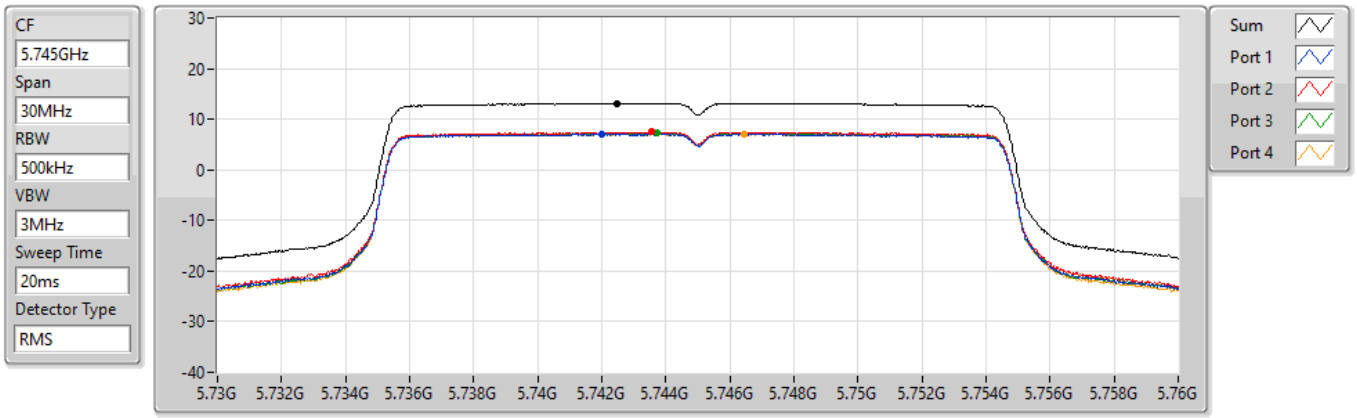


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	2.31	2.86	2.28	2.37

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5745MHz

11/06/2022

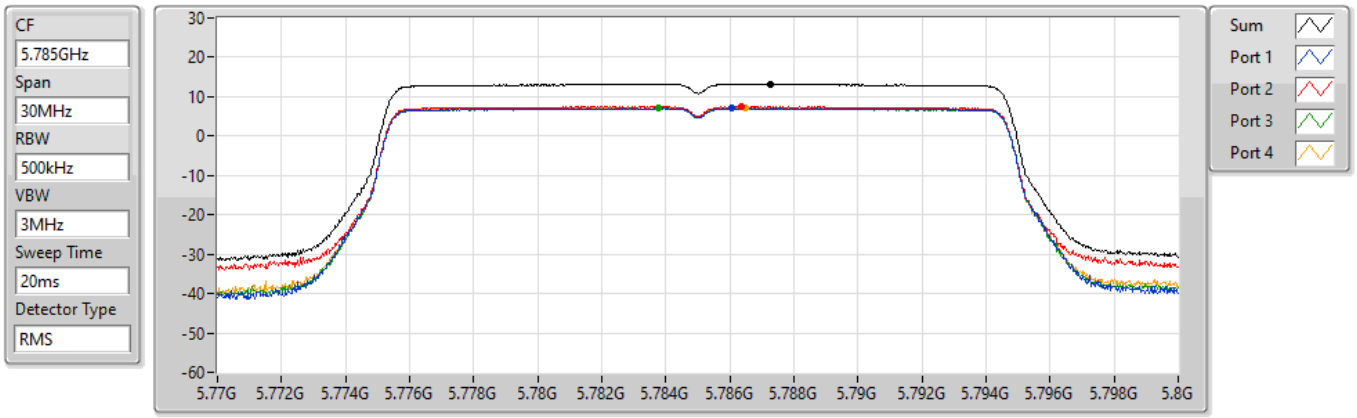


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.16	13.16	7.06	7.45	7.20	7.14

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5785MHz

11/06/2022

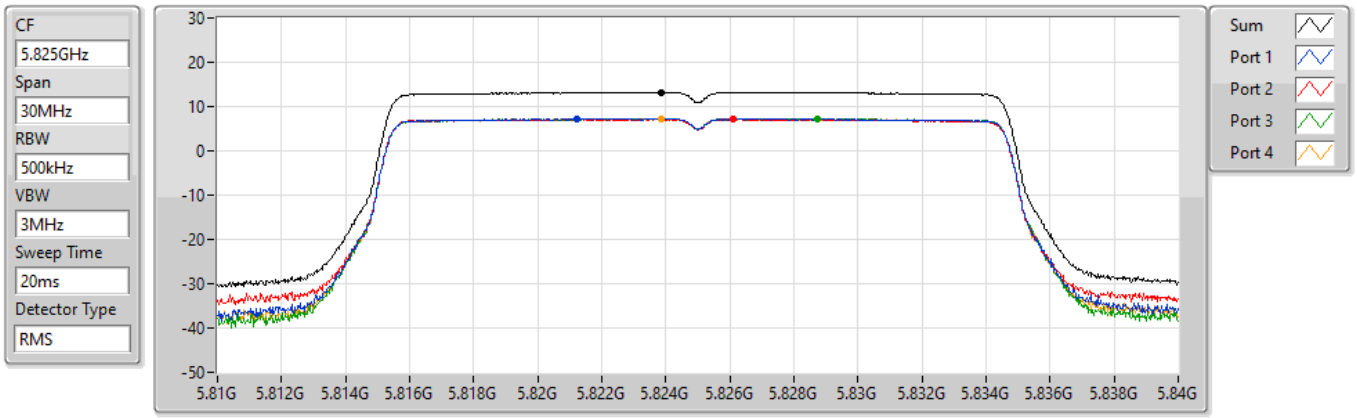


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.16	13.16	7.05	7.53	7.04	7.25

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5825MHz

11/06/2022

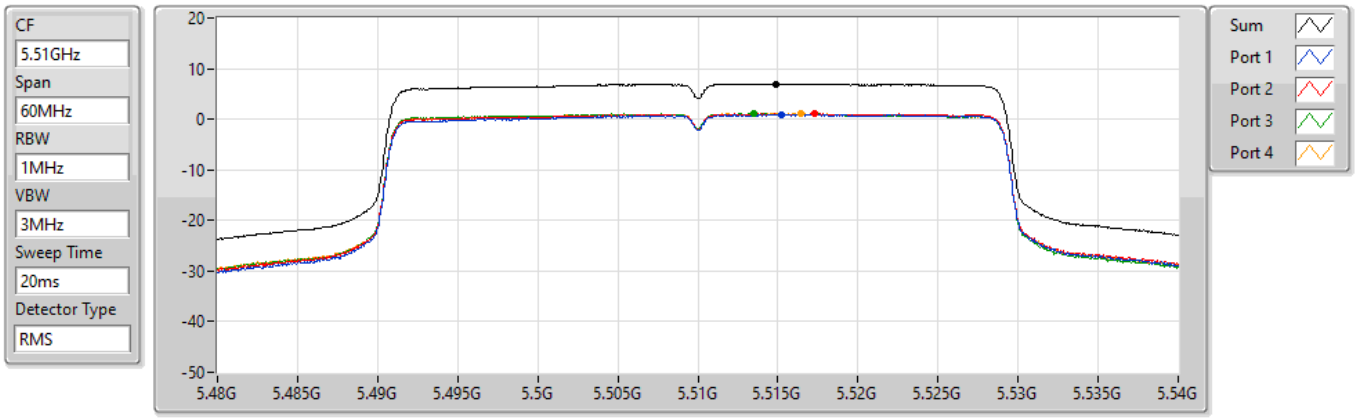


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.20	13.20	7.29	7.16	7.32	7.29

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5510MHz

11/06/2022

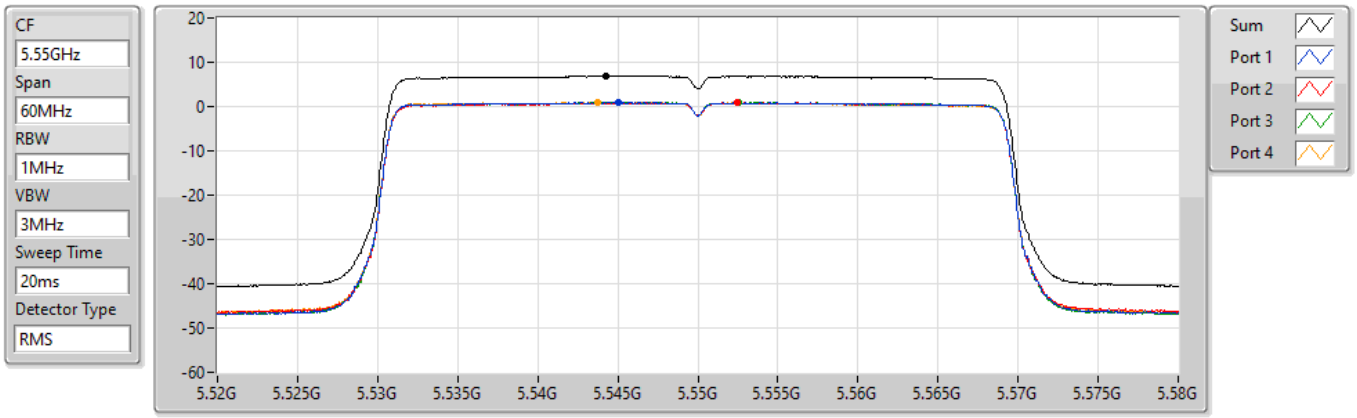


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	0.90	1.07	1.06	1.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5550MHz

11/06/2022

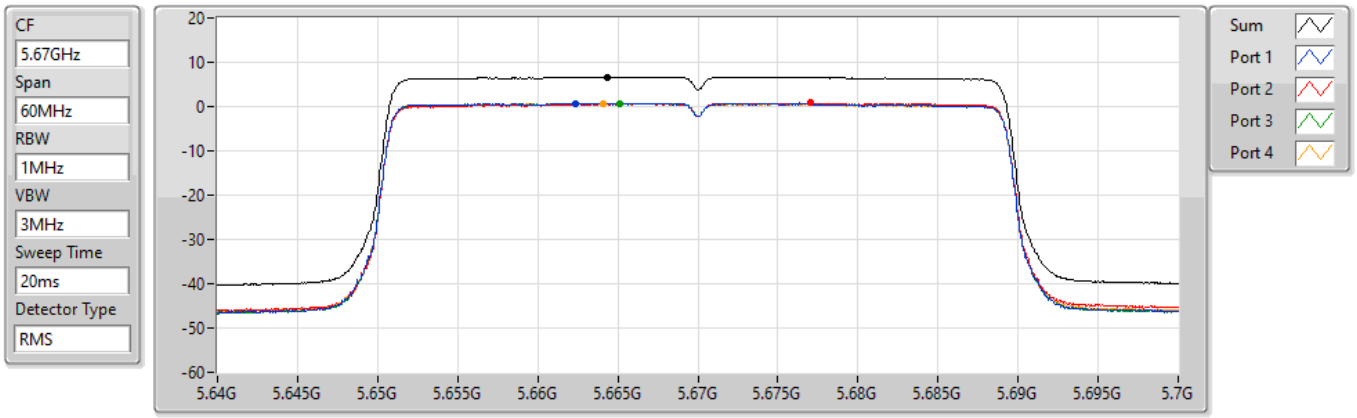


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.85	6.85	0.90	0.86	0.93	0.90

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5670MHz

11/06/2022

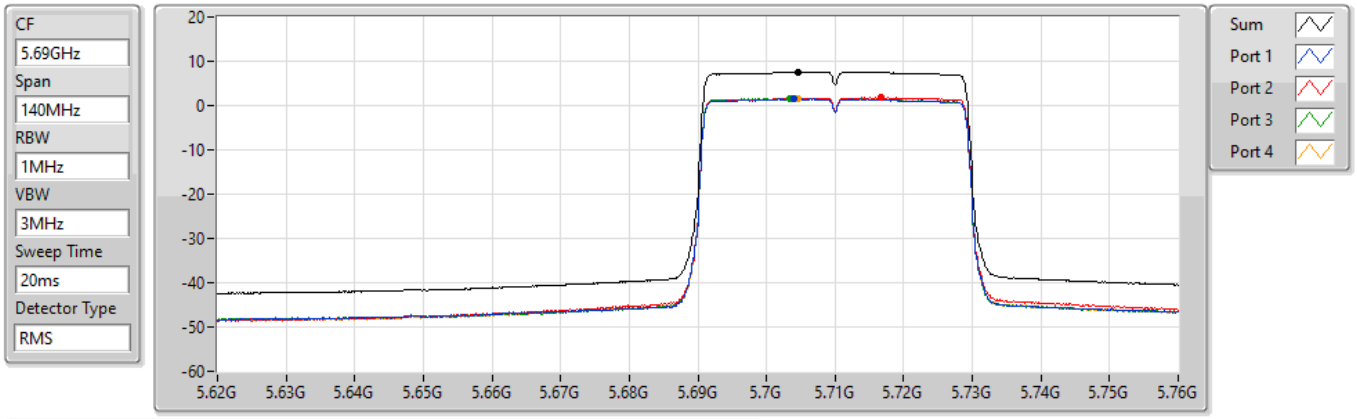


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	0.72	0.82	0.70	0.72

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.47-5.725GHz

11/06/2022

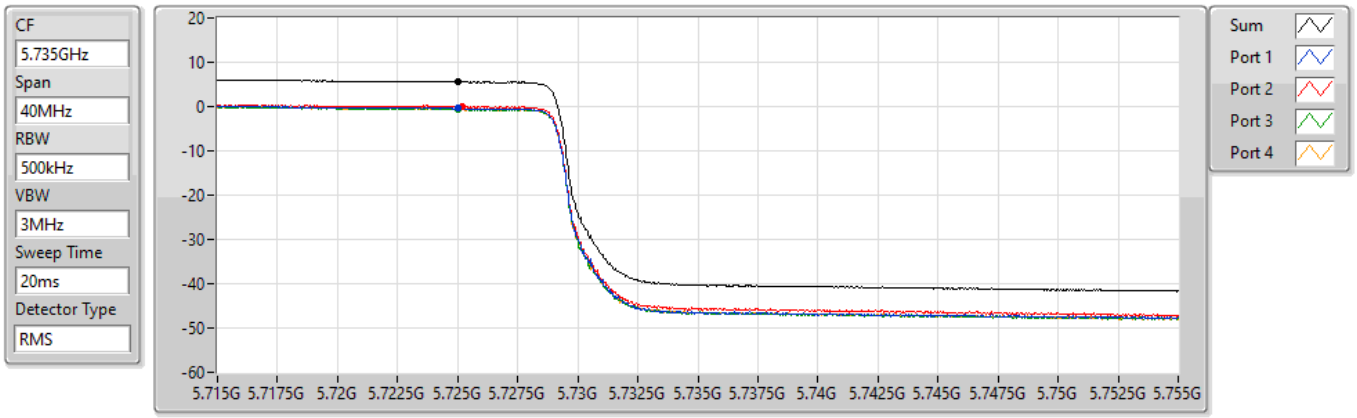


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	1.47	1.77	1.64	1.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5710MHz Straddle 5.725-5.85GHz

11/06/2022

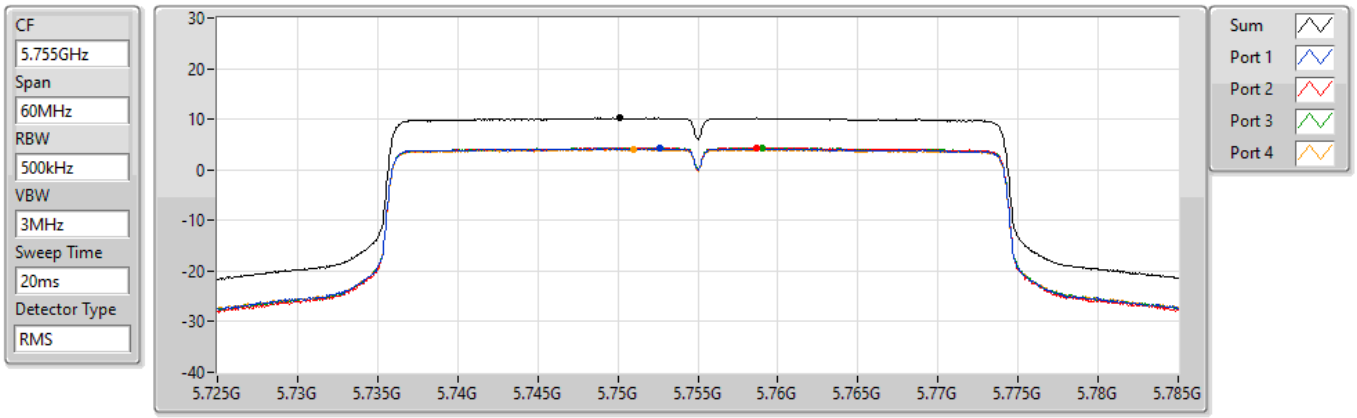


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	-0.40	0.06	-0.53	-0.55

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5755MHz

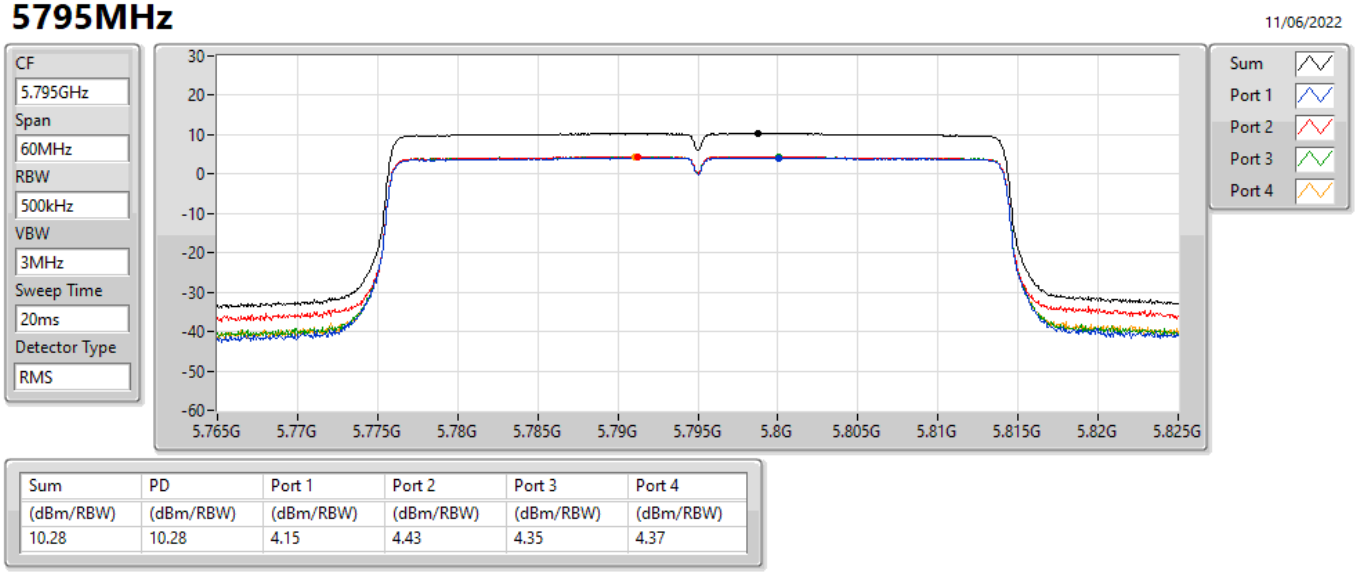
11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	4.24	4.34	4.39	4.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

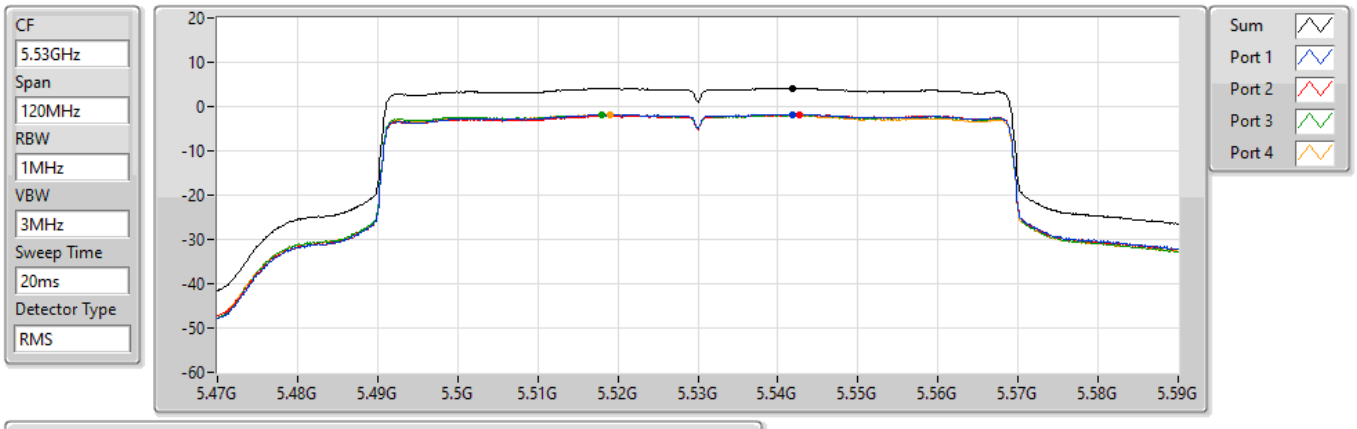
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	4.15	4.43	4.35	4.37

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5530MHz

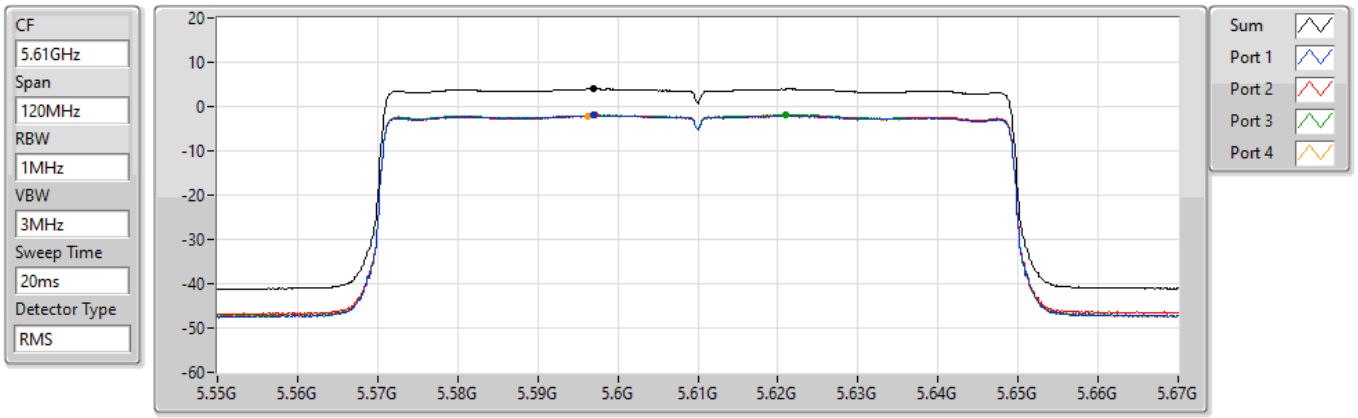


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.10	4.10	-1.72	-1.78	-1.84	-1.83

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5610MHz

11/06/2022

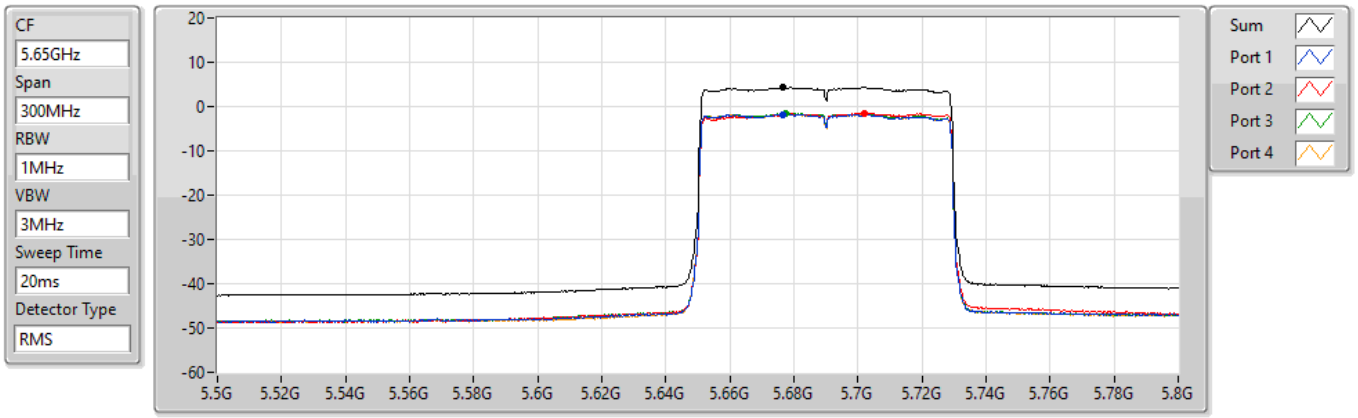


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.96	3.96	-2.00	-2.03	-1.83	-2.09

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

11/06/2022

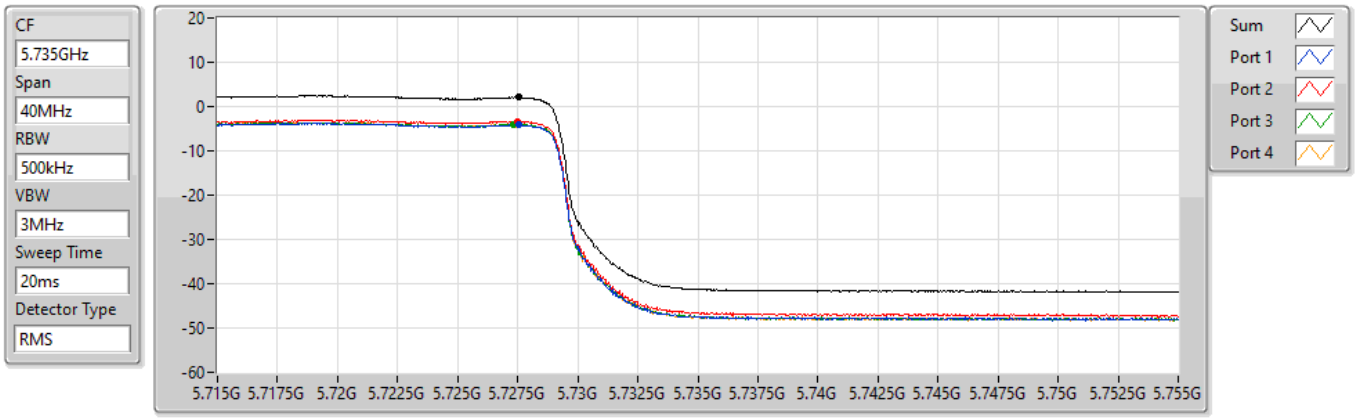


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.32	4.32	-1.73	-1.51	-1.59	-1.78

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

11/06/2022

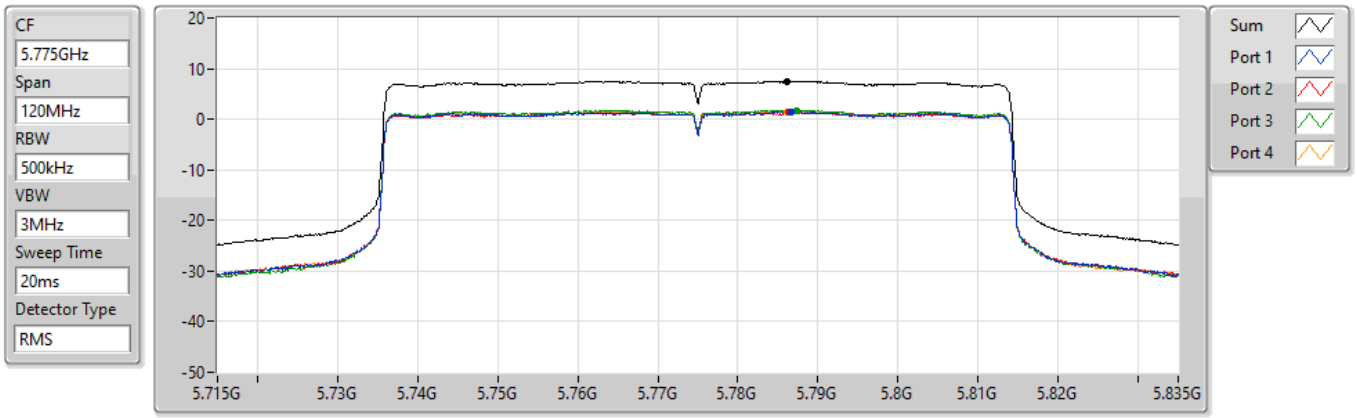


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.09	2.09	-4.12	-3.39	-4.04	-4.09

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5775MHz

11/06/2022

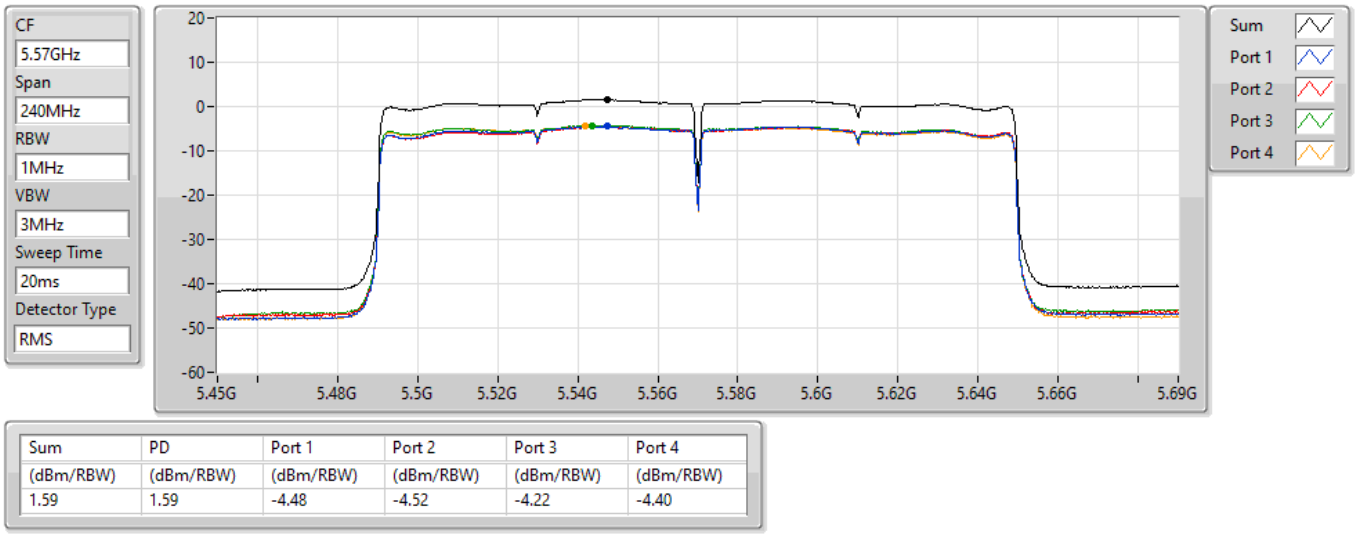


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	1.39	1.41	1.77	1.53

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5570MHz

11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.59	1.59	-4.48	-4.52	-4.22	-4.40

Summary

Mode	PD (dBm/RBW)
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	14.36
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	11.50
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	8.59

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

Result

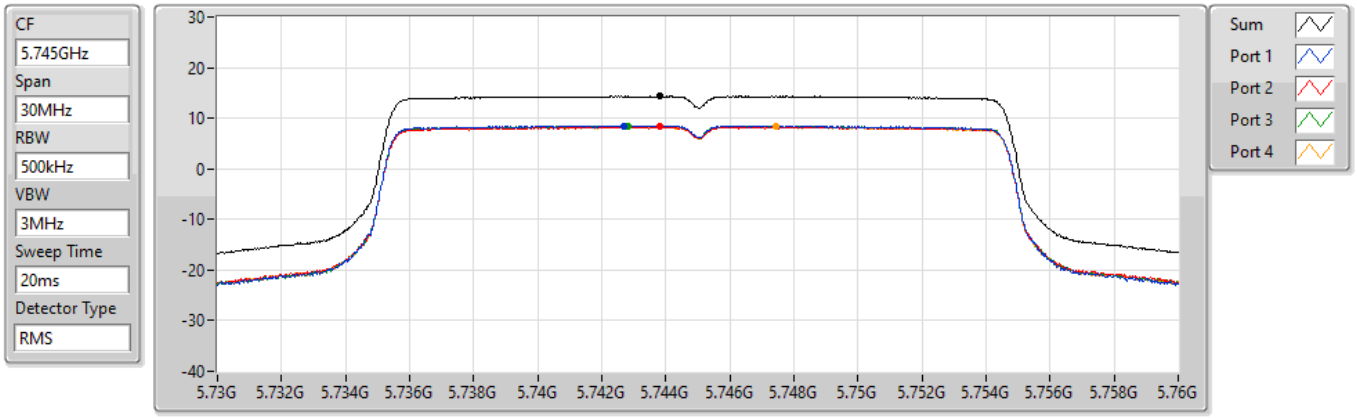
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	4.23	8.50	8.28	8.46	8.30	14.36	30.00
5785MHz	Pass	4.23	8.24	8.42	8.30	8.23	14.26	30.00
5825MHz	Pass	4.23	8.50	8.09	8.47	8.18	14.26	30.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	4.23	5.35	5.61	5.57	5.39	11.45	30.00
5795MHz	Pass	4.23	5.32	5.83	5.55	5.51	11.50	30.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	4.23	2.42	2.78	2.75	2.48	8.59	30.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5745MHz

11/06/2022

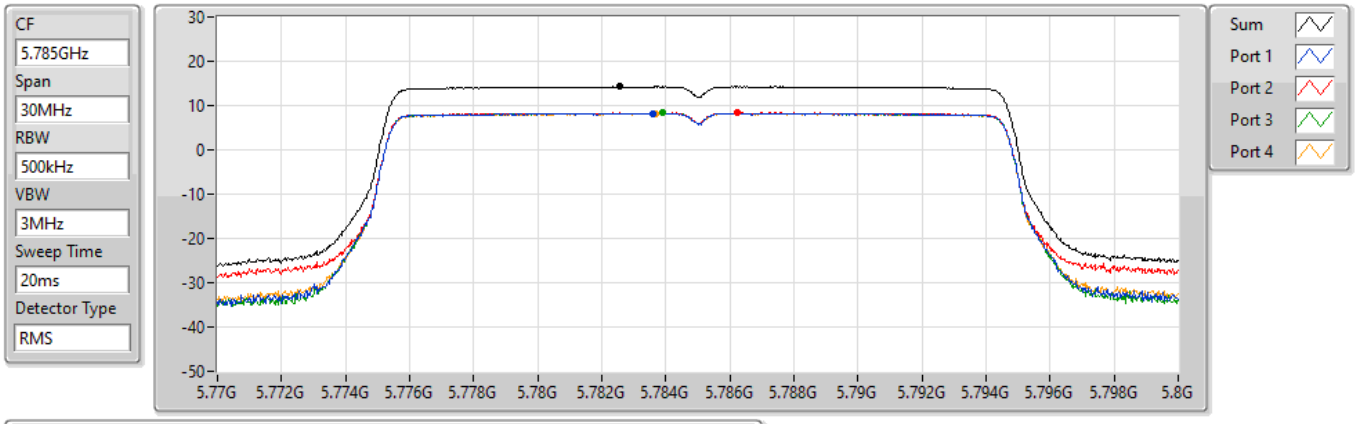


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.36	14.36	8.50	8.28	8.46	8.30

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5785MHz

11/06/2022

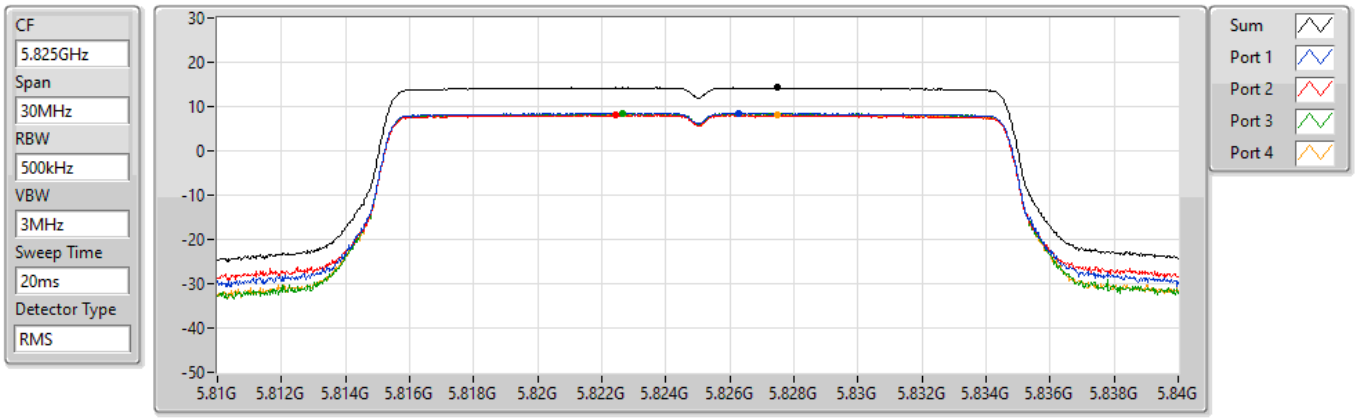


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.26	14.26	8.24	8.42	8.30	8.23

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5825MHz

11/06/2022

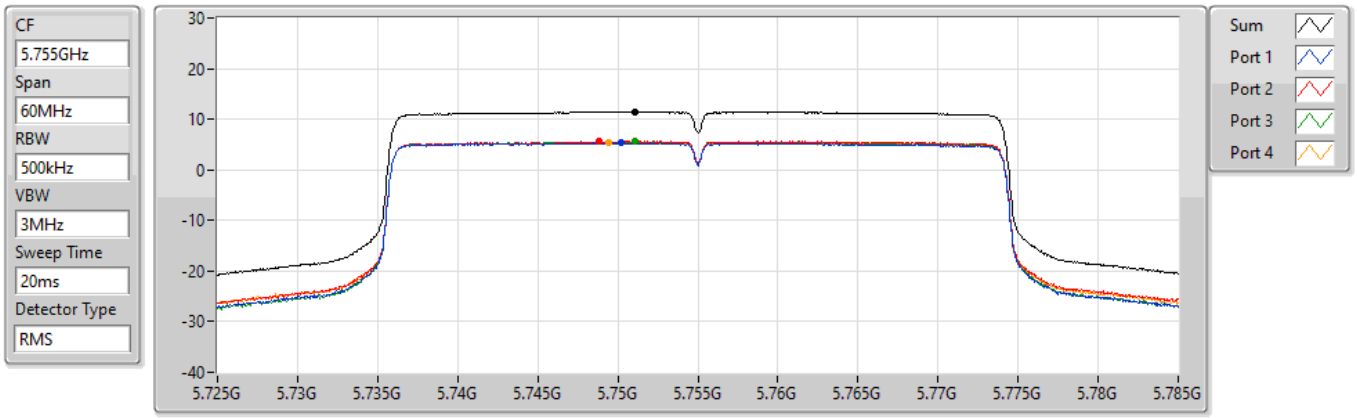


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.26	14.26	8.50	8.09	8.47	8.18

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5755MHz

11/06/2022

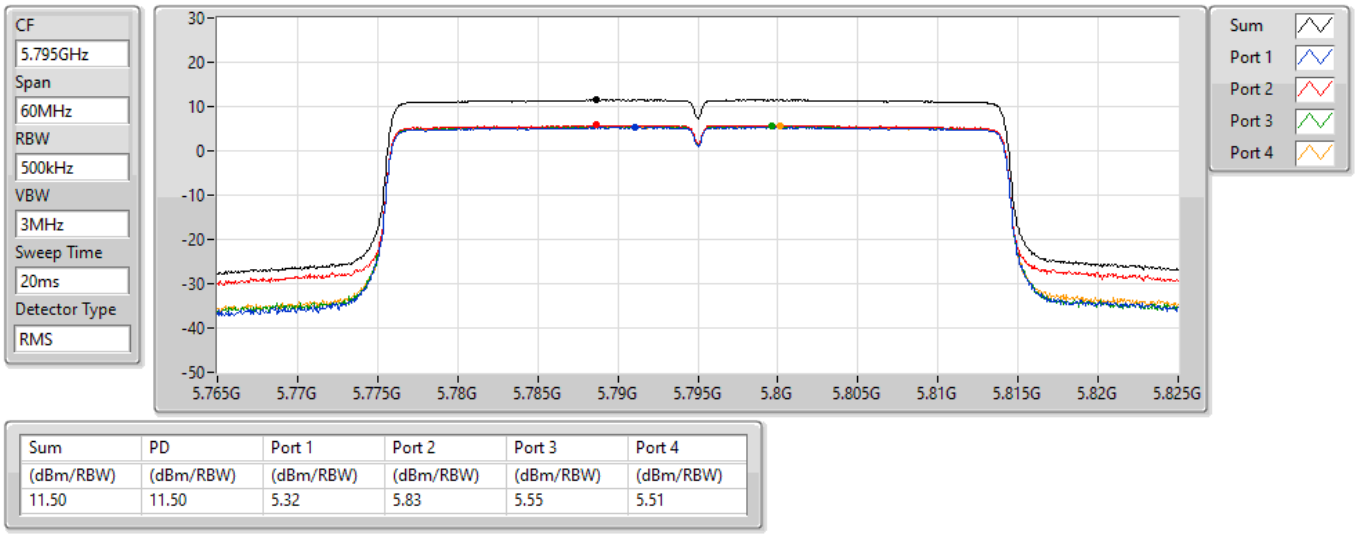


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.45	11.45	5.35	5.61	5.57	5.39

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5795MHz

11/06/2022

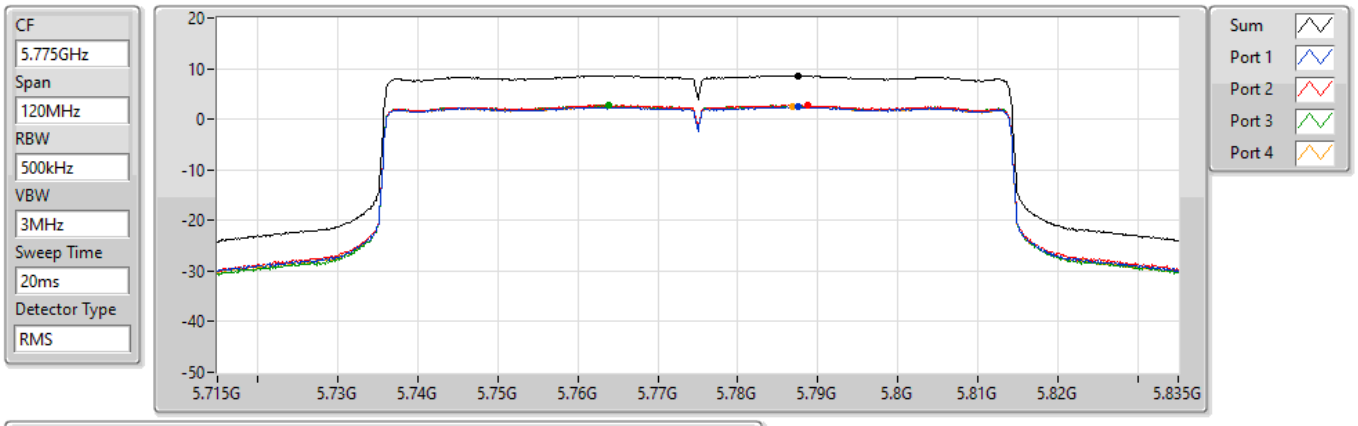


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.50	11.50	5.32	5.83	5.55	5.51

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

5775MHz

11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	2.42	2.78	2.75	2.48

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.895GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.12	19.88
5.85-5.895GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.10	19.86

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

Result

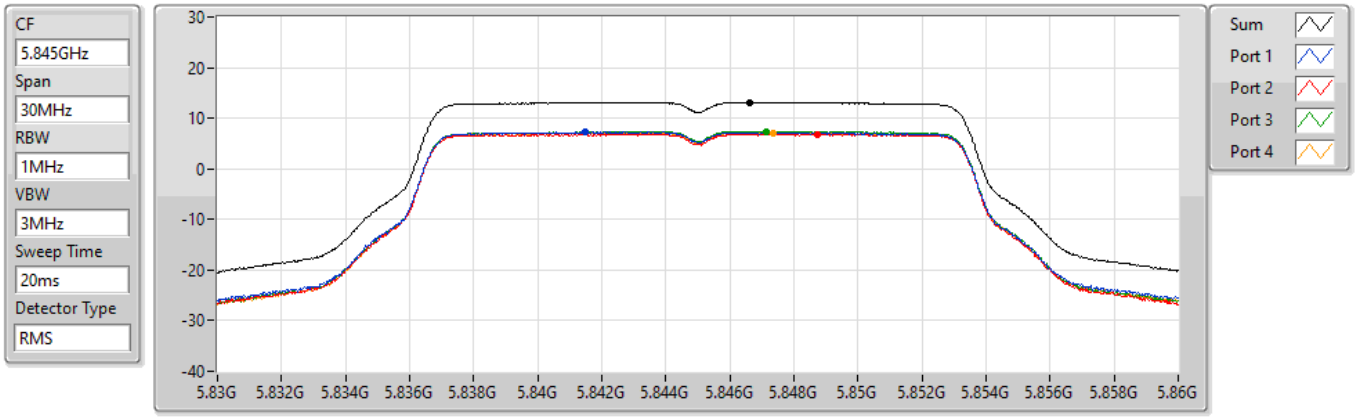
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	6.76	7.27	6.84	7.42	7.12	13.12	19.88	20.00
5865MHz	Pass	6.76	7.34	6.61	7.35	7.30	13.09	19.85	20.00
5885MHz	Pass	6.76	7.27	6.47	7.45	7.36	13.10	19.86	20.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_4TX PSD

5845MHz

22/06/2022

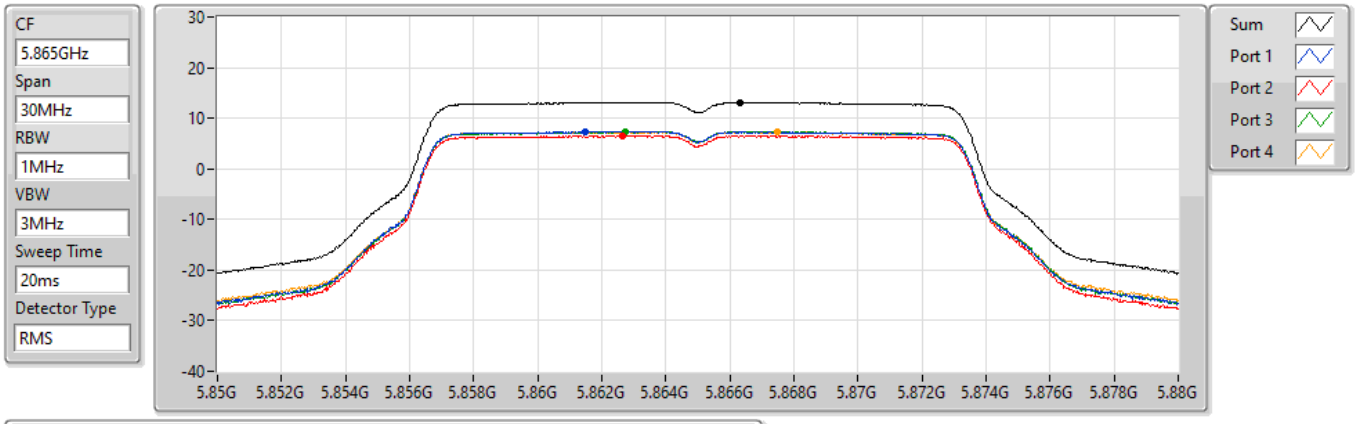


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.12	13.12	7.27	6.84	7.42	7.12

802.11a_Nss1,(6Mbps)_4TX PSD

5865MHz

11/06/2022

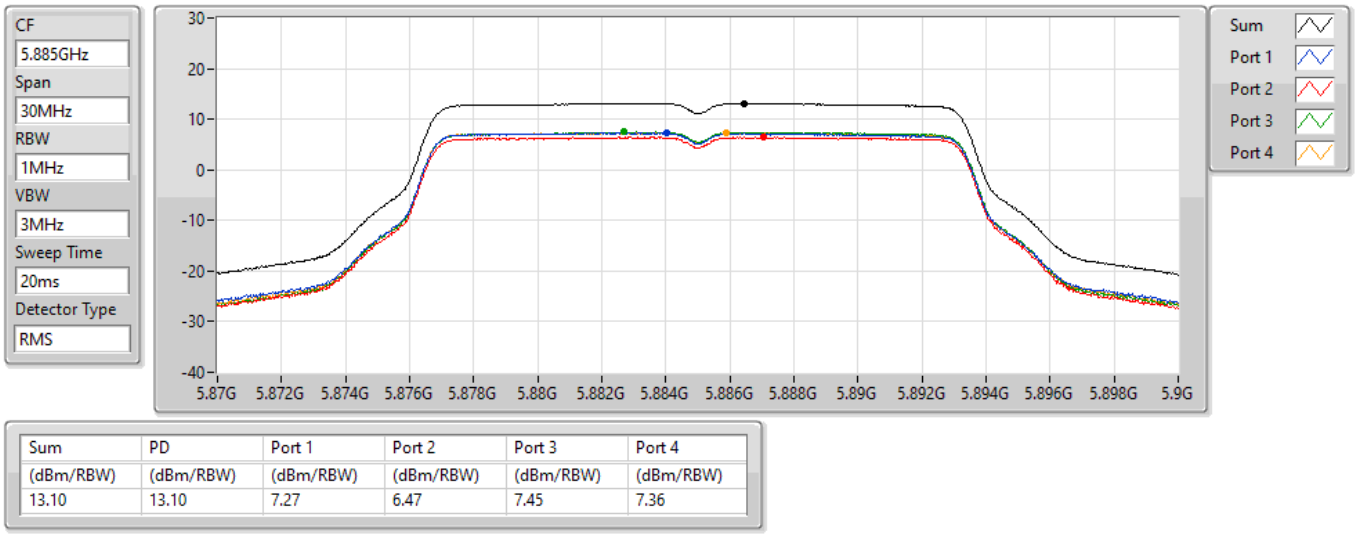


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.09	13.09	7.34	6.61	7.35	7.30

802.11a_Nss1,(6Mbps)_4TX **PSD**

5885MHz

11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.10	13.10	7.27	6.47	7.45	7.36

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.895GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.11	19.87
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.90	19.66
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.96	16.72
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	5.35	12.11
5.85-5.895GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.07	19.83

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

Result

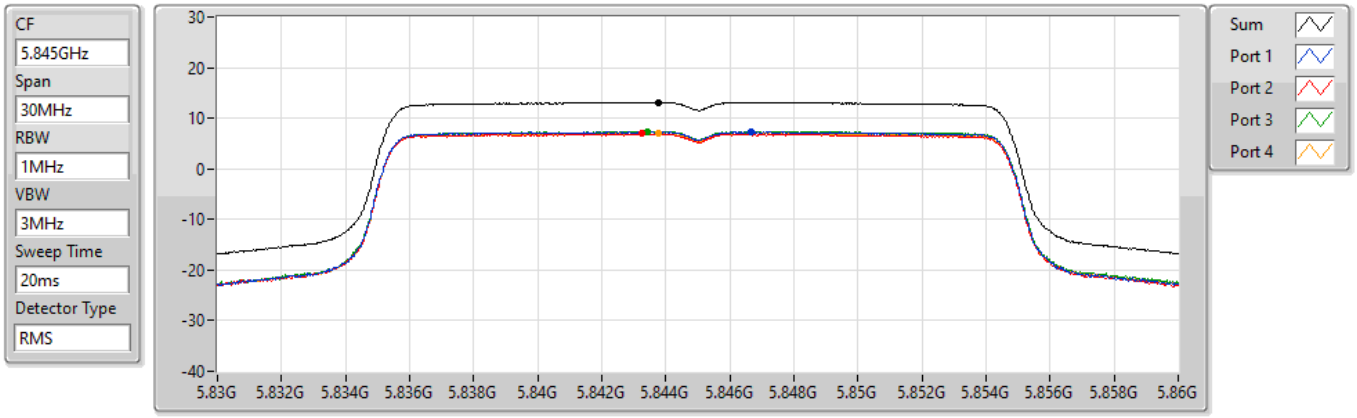
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	6.76	7.29	6.92	7.42	7.05	13.11	19.87	20.00
5865MHz	Pass	6.76	7.21	6.79	7.34	7.05	13.07	19.83	20.00
5885MHz	Pass	6.76	4.67	4.46	4.75	4.47	10.55	17.31	20.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	6.76	6.77	6.47	7.02	6.76	12.71	19.47	20.00
5875MHz	Pass	6.76	6.94	6.54	7.21	6.95	12.90	19.66	20.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5690MHz Straddle 5.725-5.895GHz									
5855MHz	Pass	6.76	4.20	3.51	4.30	3.82	9.96	16.72	20.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5815MHz	Pass	6.76	-0.51	-0.79	-0.49	-0.47	5.35	12.11	20.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5845MHz

22/06/2022

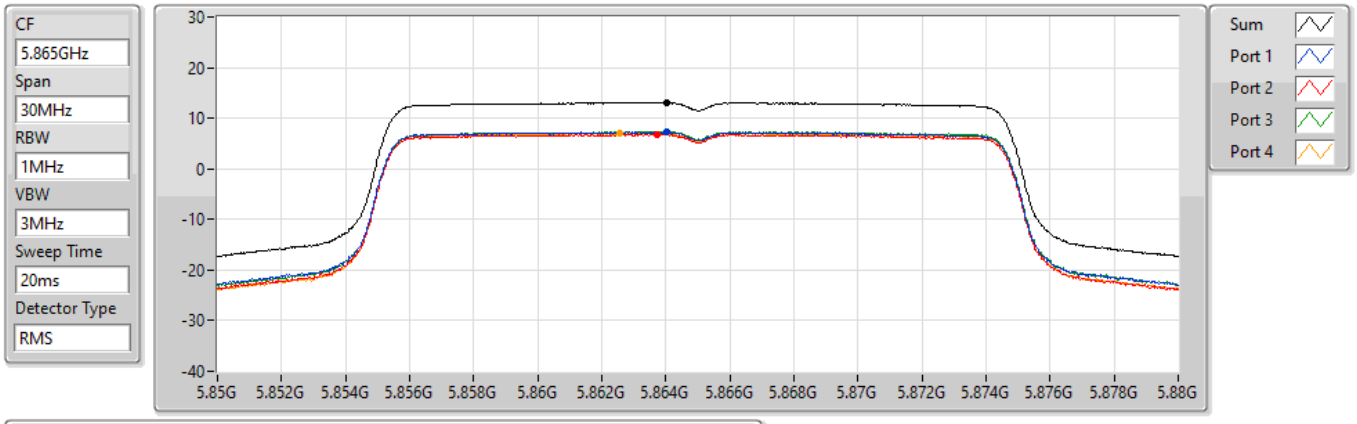


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.11	13.11	7.29	6.92	7.42	7.05

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5865MHz

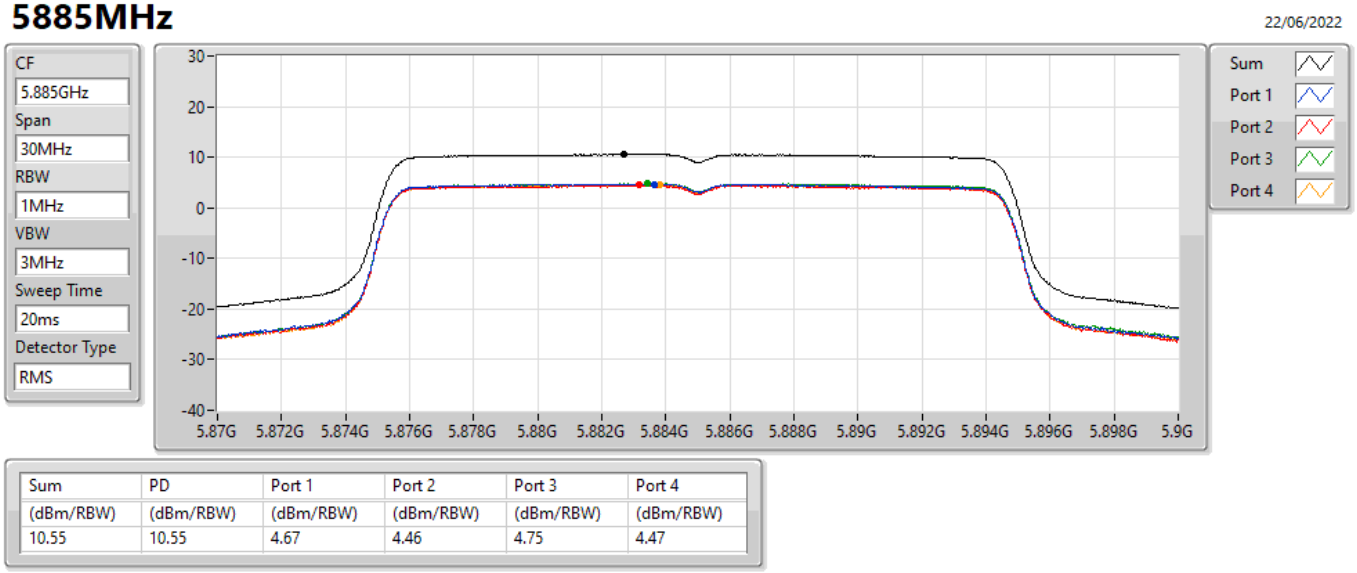
11/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.07	13.07	7.21	6.79	7.34	7.05

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

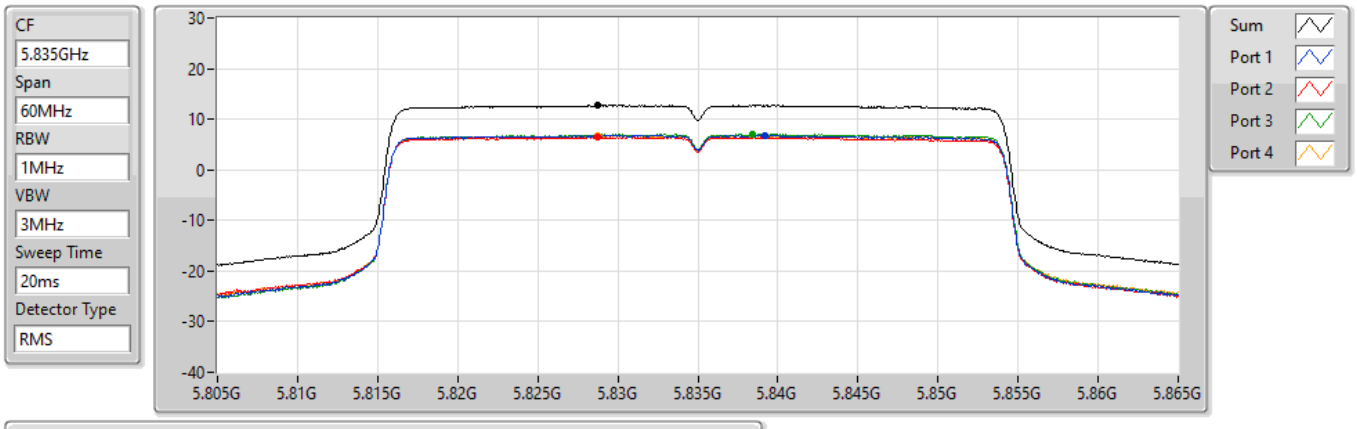
5885MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	4.67	4.46	4.75	4.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

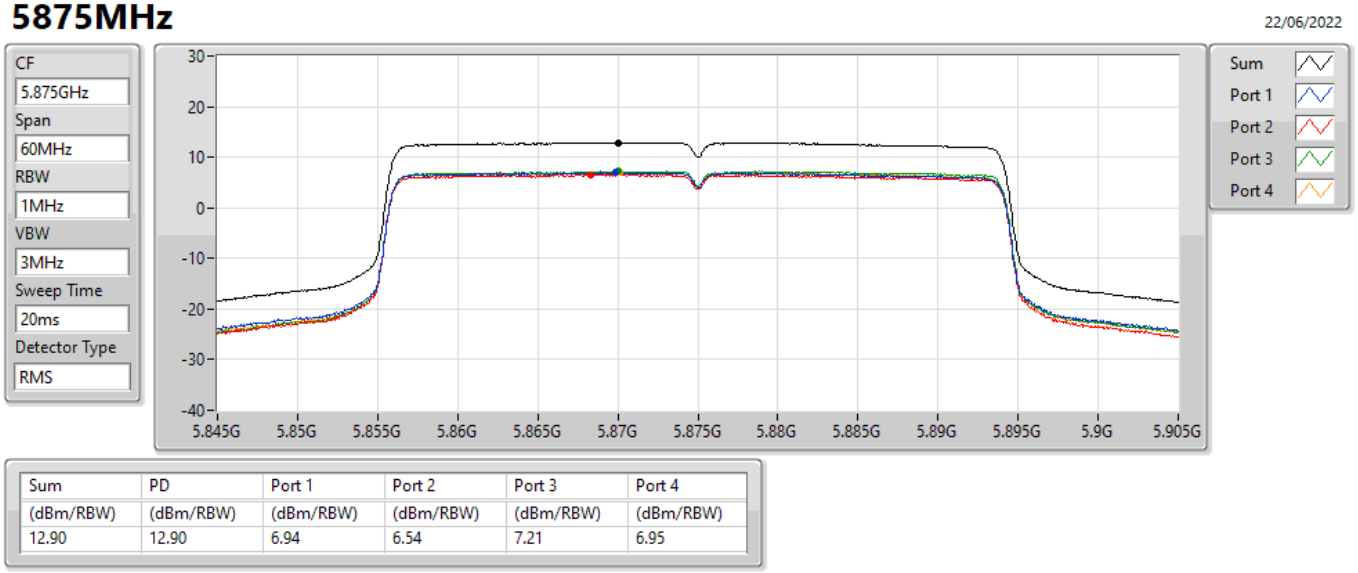
5835MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.71	12.71	6.77	6.47	7.02	6.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

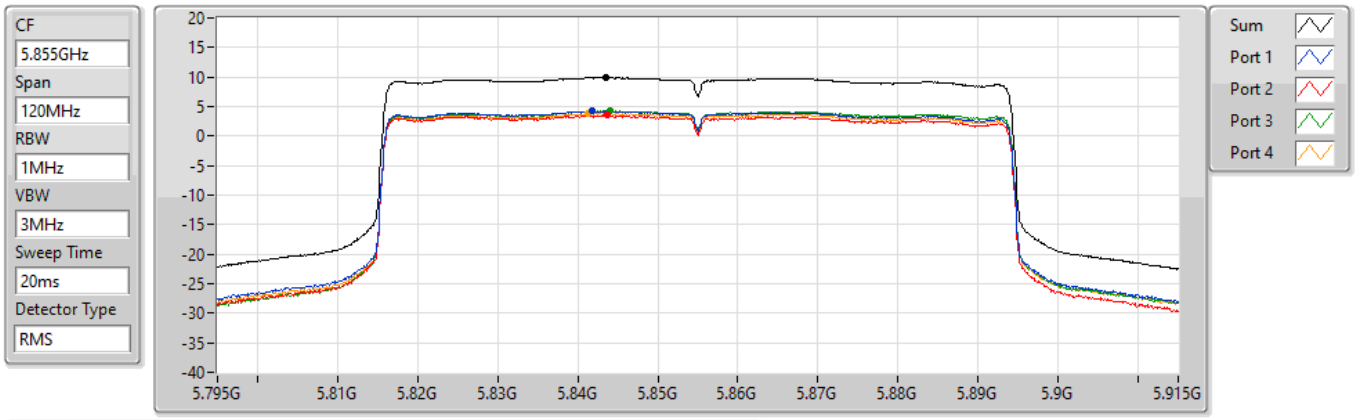
5875MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.90	12.90	6.94	6.54	7.21	6.95

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5855MHz

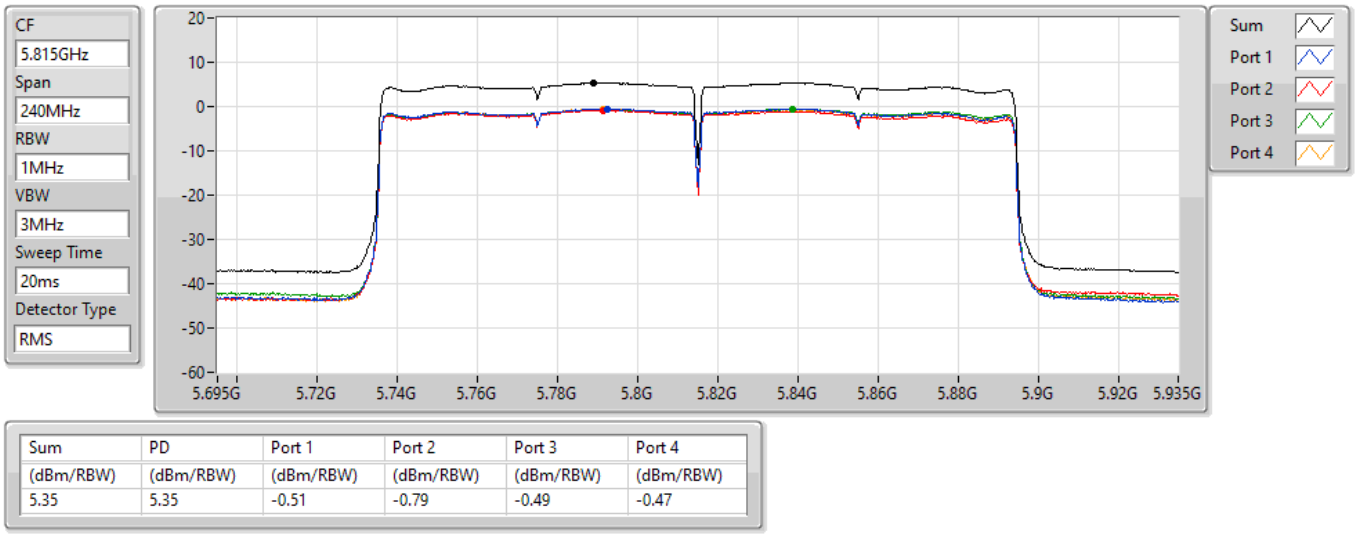


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.96	9.96	4.20	3.51	4.30	3.82

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **PSD**

5815MHz

22/06/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.35	5.35	-0.51	-0.79	-0.49	-0.47

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.725-5.895GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	16.06	19.85
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	15.46	19.25
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	12.64	16.43
5.85-5.895GHz	-	-
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	16.09	19.88

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

Result

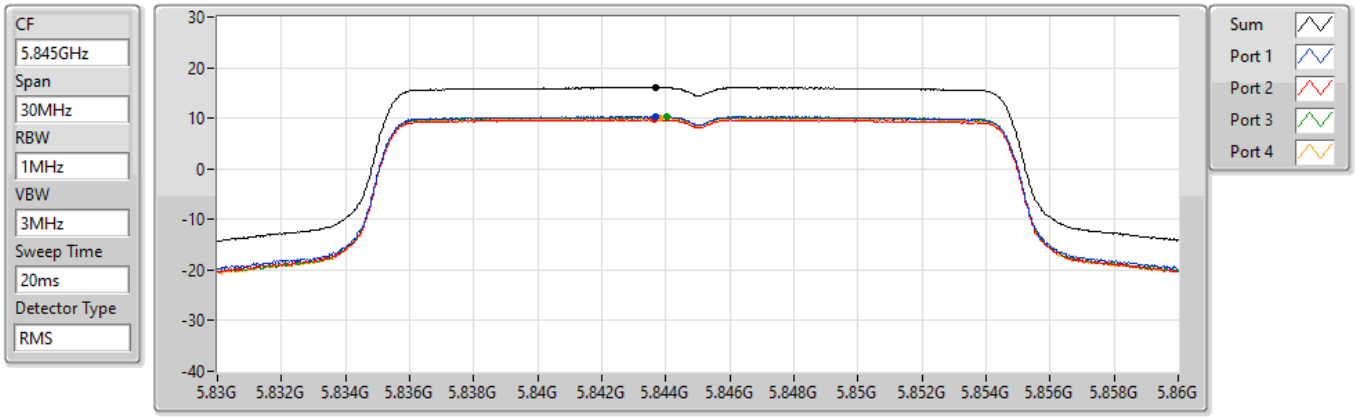
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5845MHz	Pass	3.79	10.32	9.68	10.27	10.01	16.06	19.85	20.00
5865MHz	Pass	3.79	10.13	10.05	10.28	10.01	16.09	19.88	20.00
5885MHz	Pass	3.79	4.41	4.15	4.77	4.29	10.39	14.18	20.00
802.11ax HEW40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5835MHz	Pass	3.79	9.52	8.99	9.66	9.28	15.36	19.15	20.00
5875MHz	Pass	3.79	9.67	9.25	9.68	9.48	15.46	19.25	20.00
802.11ax HEW80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5855MHz	Pass	3.79	6.79	6.31	6.96	6.52	12.64	16.43	20.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5845MHz

22/06/2022

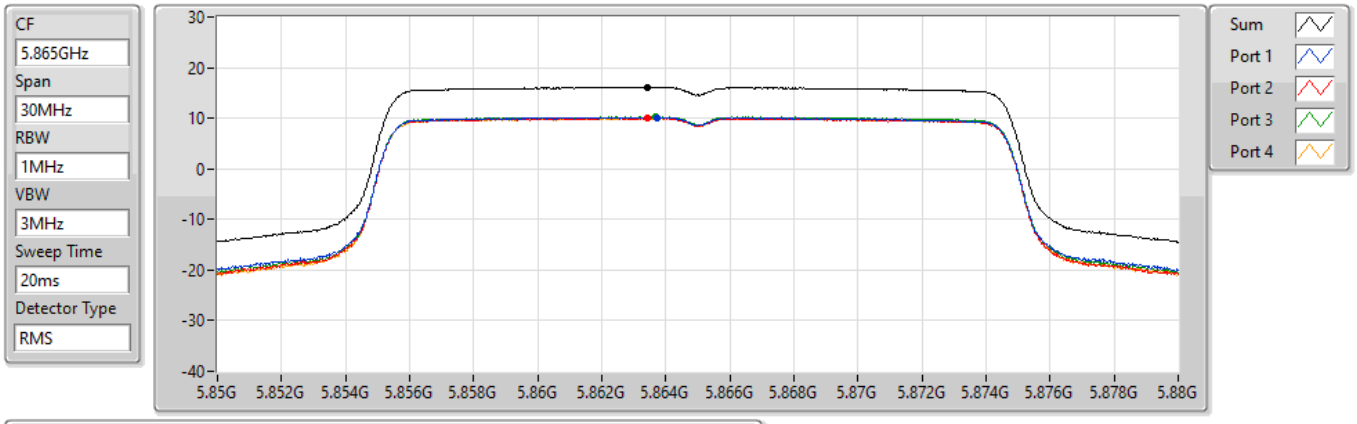


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.06	16.06	10.32	9.68	10.27	10.01

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5865MHz

11/06/2022

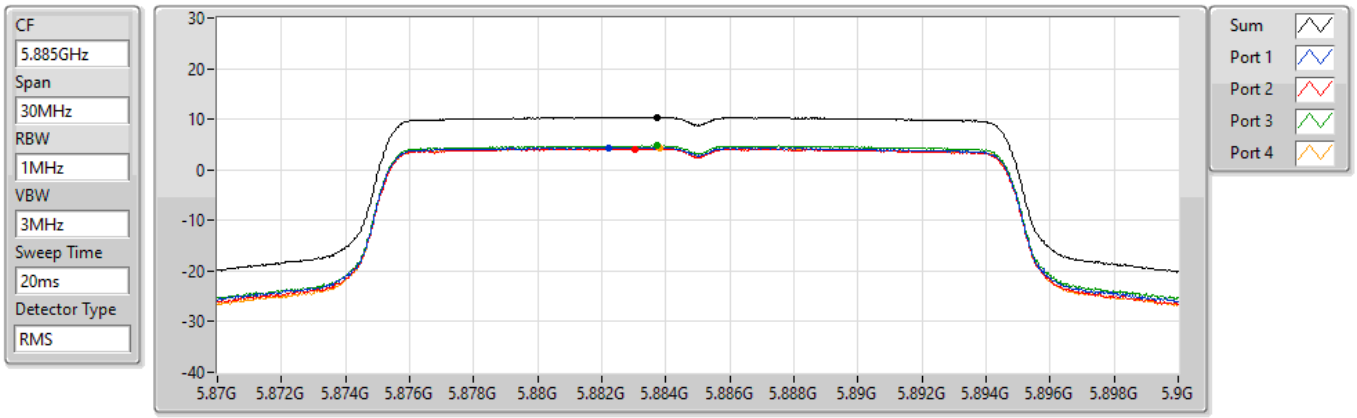


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.09	16.09	10.13	10.05	10.28	10.01

802.11ax HEW20-BF_Nss2,(MCS0)_4TX PSD

5885MHz

11/06/2022

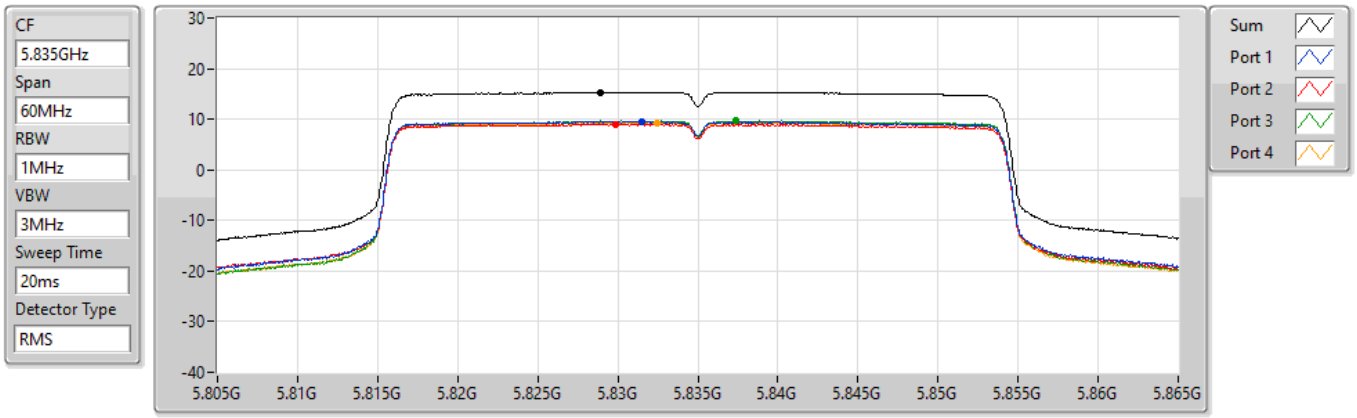


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.39	10.39	4.41	4.15	4.77	4.29

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5835MHz

22/06/2022

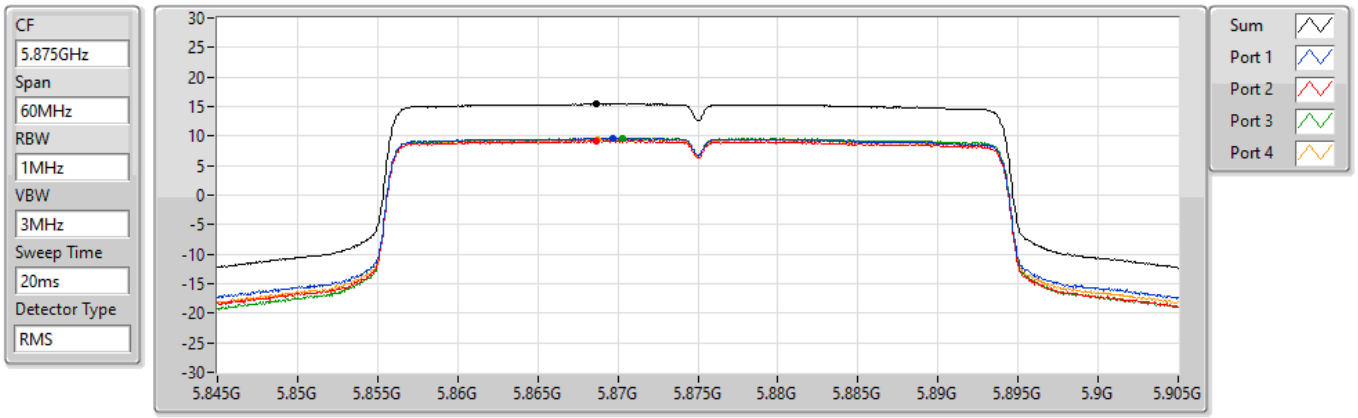


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.36	15.36	9.52	8.99	9.66	9.28

802.11ax HEW40-BF_Nss2,(MCS0)_4TX PSD

5875MHz

22/06/2022

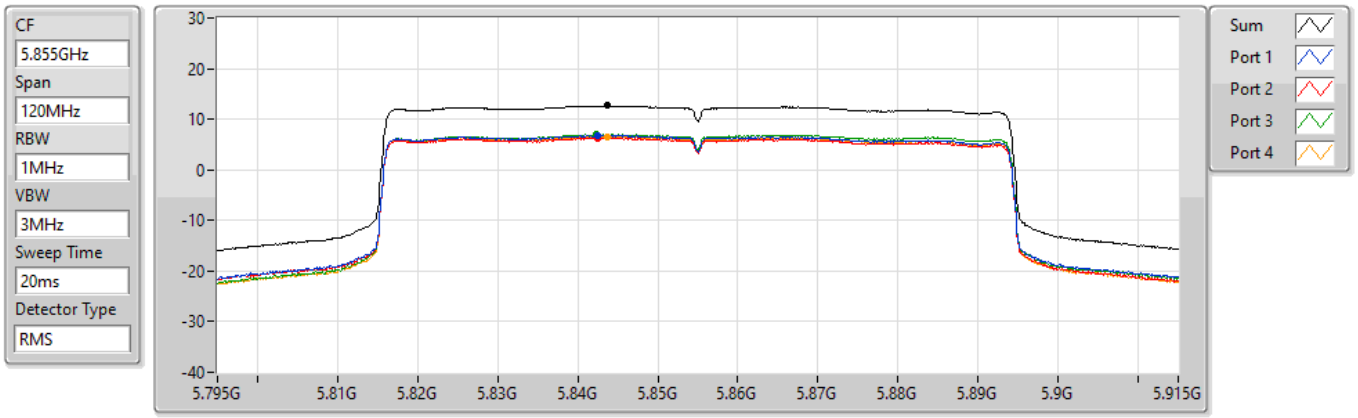


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.46	15.46	9.67	9.25	9.68	9.48

802.11ax HEW80-BF_Nss2,(MCS0)_4TX PSD

5855MHz

22/06/2022

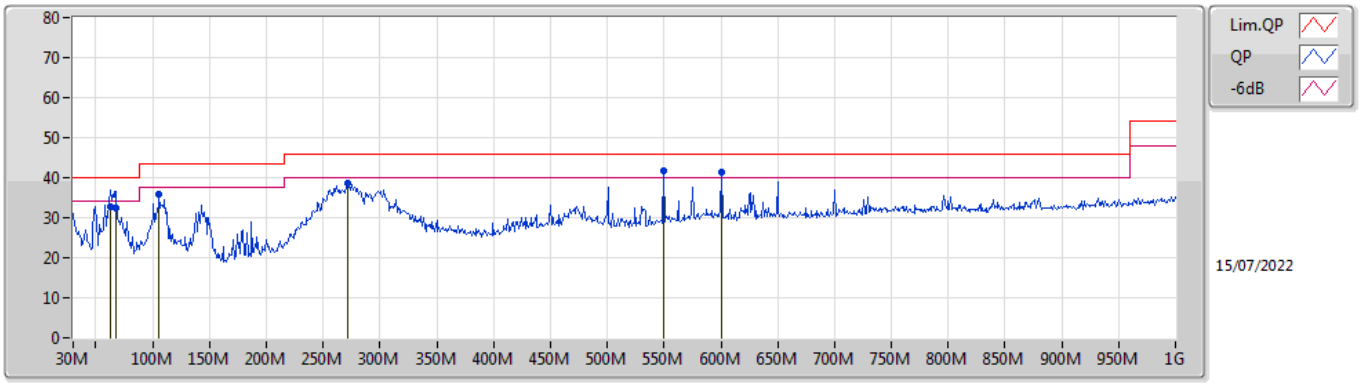


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.64	12.64	6.79	6.31	6.96	6.52

Summary

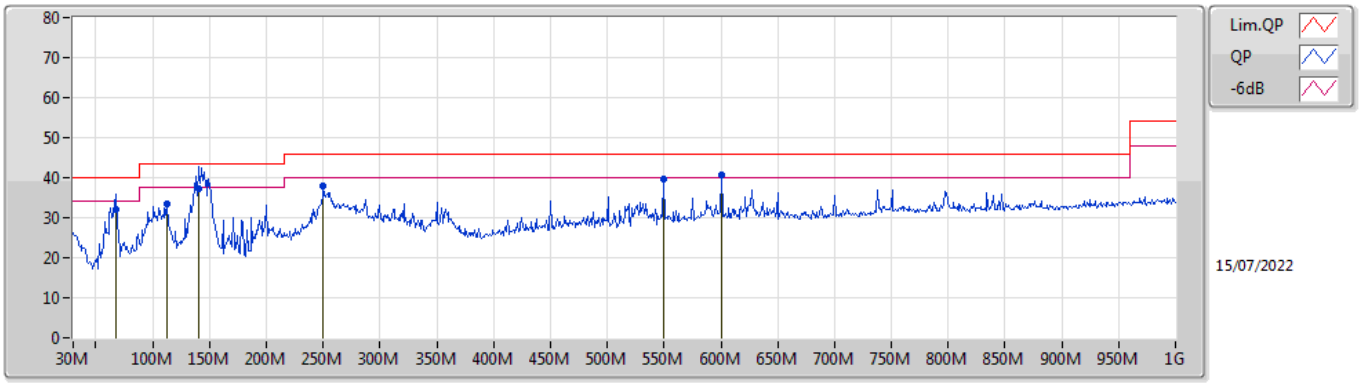
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	549.92M	41.56	46.00	-4.44	Vertical

Mode 1



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
QP	62.98M	32.92	40.00	-7.08	-18.74	3	Vertical	1	2.00	-	51.66	12.31	1.40	32.45
QP	67.83M	32.41	40.00	-7.59	-18.63	3	Vertical	258	2.00	-	51.04	12.34	1.46	32.43
PK	105.66M	35.95	43.50	-7.55	-13.26	3	Vertical	351	1.25	-	49.21	17.24	1.86	32.36
PK	271.53M	38.64	46.00	-7.36	-10.58	3	Vertical	61	1.50	-	49.22	18.72	3.03	32.33
PK	549.92M	41.56	46.00	-4.44	-3.04	3	Vertical	108	1.00	"Worst"	44.60	24.77	4.50	32.31
PK	600.36M	41.36	46.00	-4.64	-2.76	3	Vertical	102	1.50	-	44.12	24.61	4.70	32.07

Mode 1



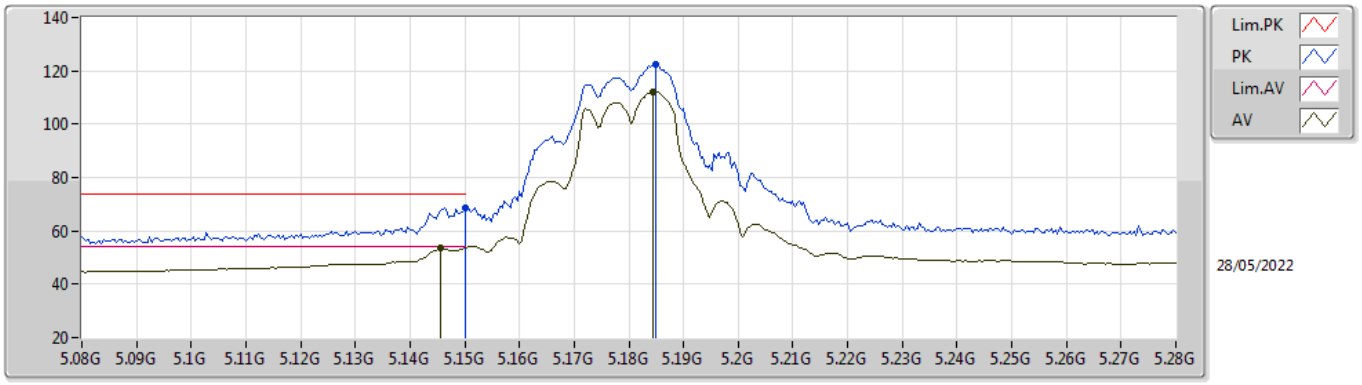
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
QP	67.83M	32.01	40.00	-7.99	-18.63	3	Horizontal	0	3.00	-	50.64	12.34	1.46	32.43
PK	112.45M	33.50	43.50	-10.00	-12.73	3	Horizontal	0	3.00	-	46.23	17.73	1.92	32.38
QP	140.58M	37.09	43.50	-6.41	-13.21	3	Horizontal	176	2.00	-	50.30	17.03	2.20	32.44
PK	250.19M	38.06	46.00	-7.94	-11.05	3	Horizontal	335	1.00	-	49.11	18.35	2.90	32.30
PK	549.92M	39.72	46.00	-6.28	-3.04	3	Horizontal	184	3.00	-	42.76	24.77	4.50	32.31
PK	600.36M	40.83	46.00	-5.17	-2.76	3	Horizontal	67	1.25	"Worst"	43.59	24.61	4.70	32.07

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	5.3516G	53.84	54.00	-0.16	3	Vertical	47	1.80	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

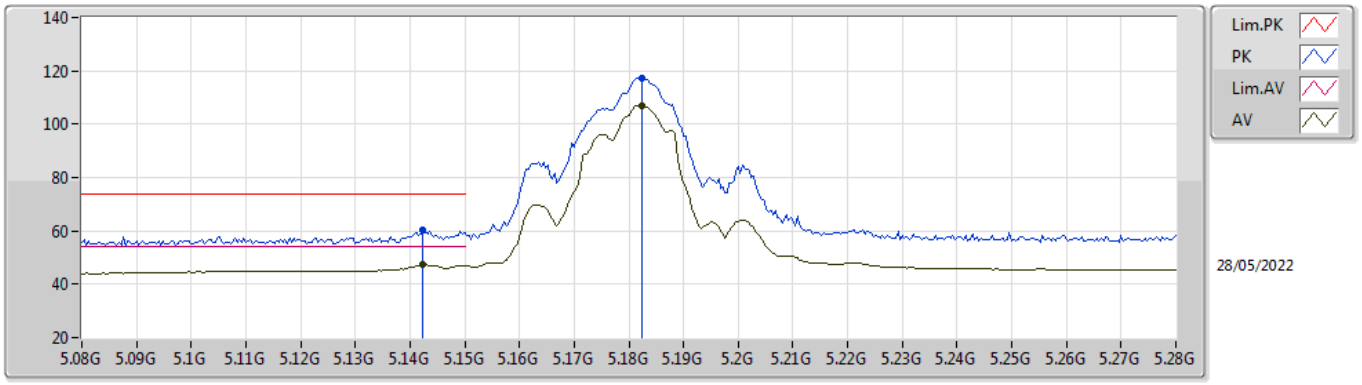


EUT Y_4TX
Setting 99
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	68.67	74.00	-5.33	61.97	3	Vertical	76	1.82	-	33.60	5.25	32.15
AV	5.1456G	53.76	54.00	-0.24	47.07	3	Vertical	76	1.82	-	33.59	5.25	32.15
PK	5.1848G	122.30	Inf	-Inf	115.50	3	Vertical	76	1.82	-	33.67	5.28	32.15
AV	5.1844G	112.12	Inf	-Inf	105.32	3	Vertical	76	1.82	-	33.67	5.28	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

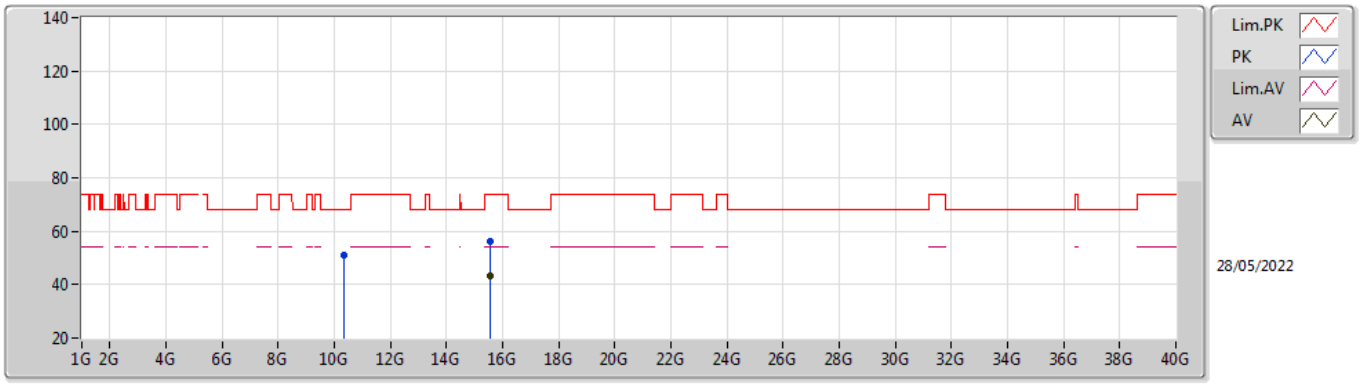


EUT Y_4TX
Setting 99
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1424G	60.19	74.00	-13.81	53.52	3	Horizontal	226	1.54	-	33.58	5.24	32.15
AV	5.1424G	47.26	54.00	-6.74	40.59	3	Horizontal	226	1.54	-	33.58	5.24	32.15
PK	5.1824G	117.34	Inf	-Inf	110.55	3	Horizontal	226	1.54	-	33.66	5.28	32.15
AV	5.1824G	106.90	Inf	-Inf	100.11	3	Horizontal	226	1.54	-	33.66	5.28	32.15

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

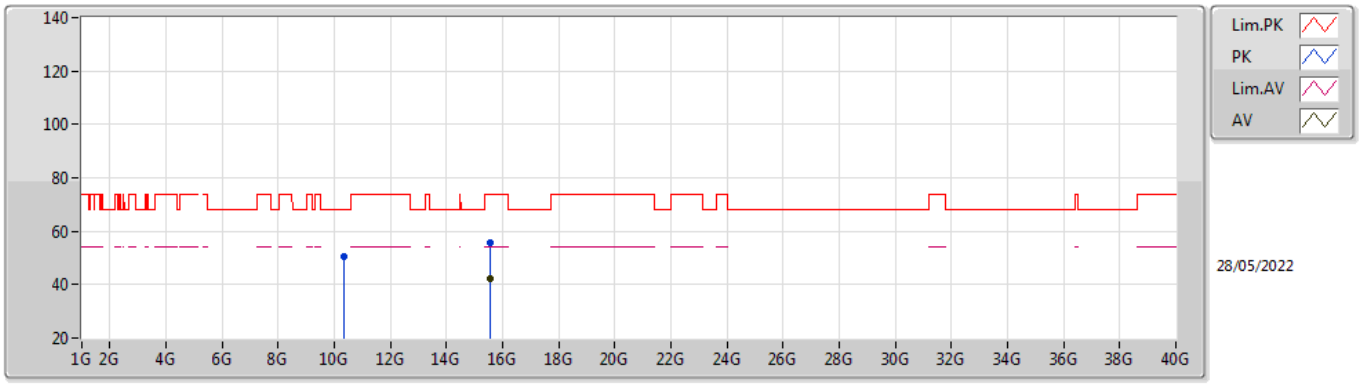


EUT Y_4TX
Setting 99
02-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.35956G	50.79	68.20	-17.41	37.67	3	Vertical	290	2.70	-	38.64	7.44	32.96
PK	15.54484G	56.06	74.00	-17.94	41.63	3	Vertical	324	1.56	-	37.83	9.80	33.20
AV	15.5482G	43.20	54.00	-10.80	28.80	3	Vertical	324	1.56	-	37.81	9.80	33.21

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TnomVnom

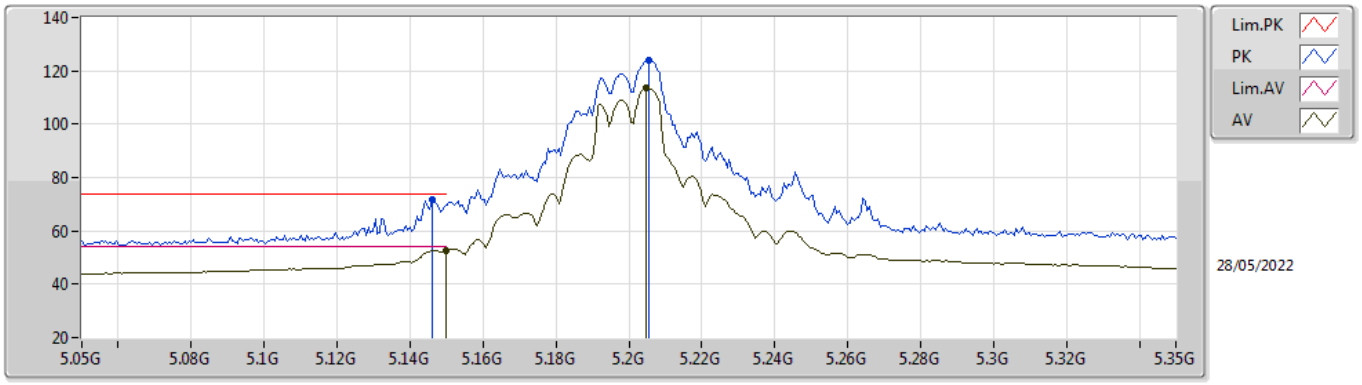


EUT Y_4TX
Setting 99
02-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.36528G	50.35	68.20	-17.85	37.23	3	Horizontal	152	1.35	-	38.63	7.45	32.96
PK	15.54936G	55.88	74.00	-18.12	41.49	3	Horizontal	53	1.09	-	37.80	9.80	33.21
AV	15.54536G	42.13	54.00	-11.87	27.70	3	Horizontal	53	1.09	-	37.83	9.80	33.20

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

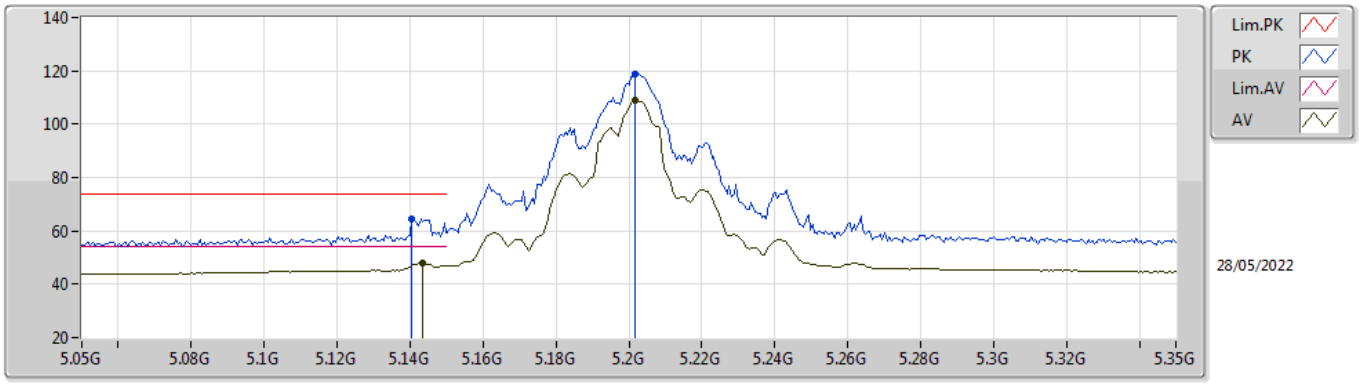


EUT Y_4TX
Setting 108
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	71.98	74.00	-2.02	65.29	3	Vertical	85	1.60	-	33.59	5.25	32.15
AV	5.15G	52.67	54.00	-1.33	45.97	3	Vertical	85	1.60	-	33.60	5.25	32.15
PK	5.2054G	124.04	Inf	-Inf	117.19	3	Vertical	85	1.60	-	33.70	5.30	32.15
AV	5.2048G	113.62	Inf	-Inf	106.77	3	Vertical	85	1.60	-	33.70	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

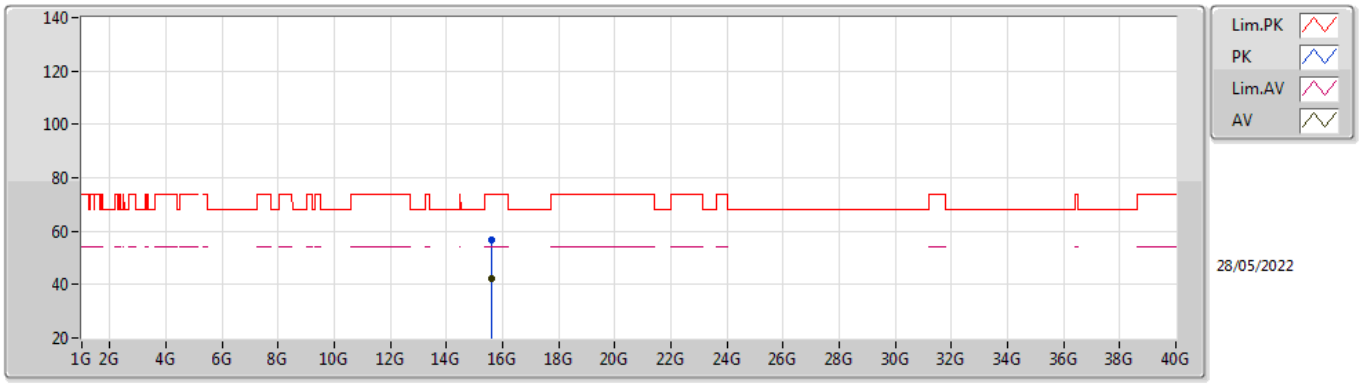


EUT Y_4TX
Setting 108
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1406G	64.57	74.00	-9.43	57.90	3	Horizontal	225	1.64	-	33.58	5.24	32.15
AV	5.1436G	47.81	54.00	-6.19	41.13	3	Horizontal	225	1.64	-	33.59	5.24	32.15
PK	5.2018G	119.01	Inf	-Inf	112.16	3	Horizontal	225	1.64	-	33.70	5.30	32.15
AV	5.2018G	108.83	Inf	-Inf	101.98	3	Horizontal	225	1.64	-	33.70	5.30	32.15

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

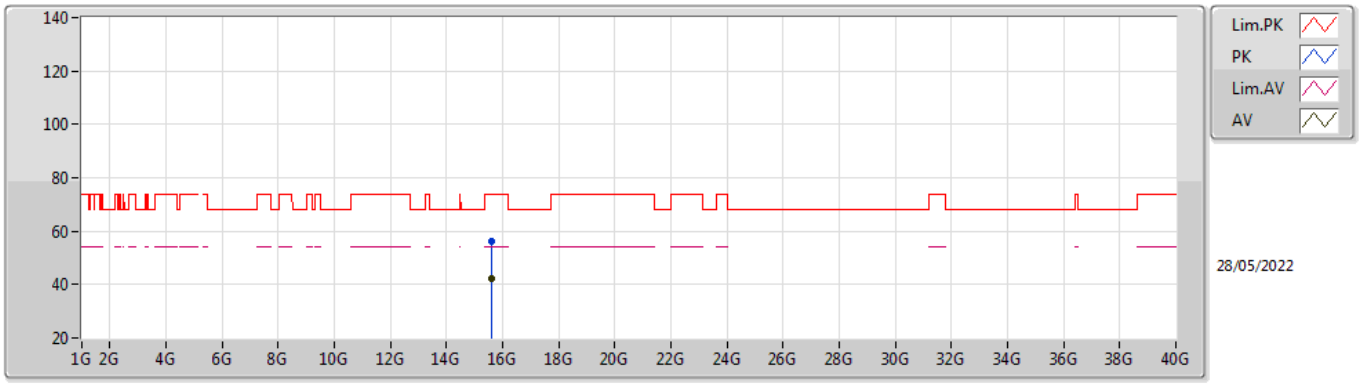


EUT Y_4TX
Setting 108
02-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5973G	56.83	74.00	-17.17	42.75	3	Vertical	83	1.72	-	37.52	9.82	33.26
AV	15.60472G	42.10	54.00	-11.90	28.05	3	Vertical	83	1.72	-	37.50	9.82	33.27

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TnomVnom

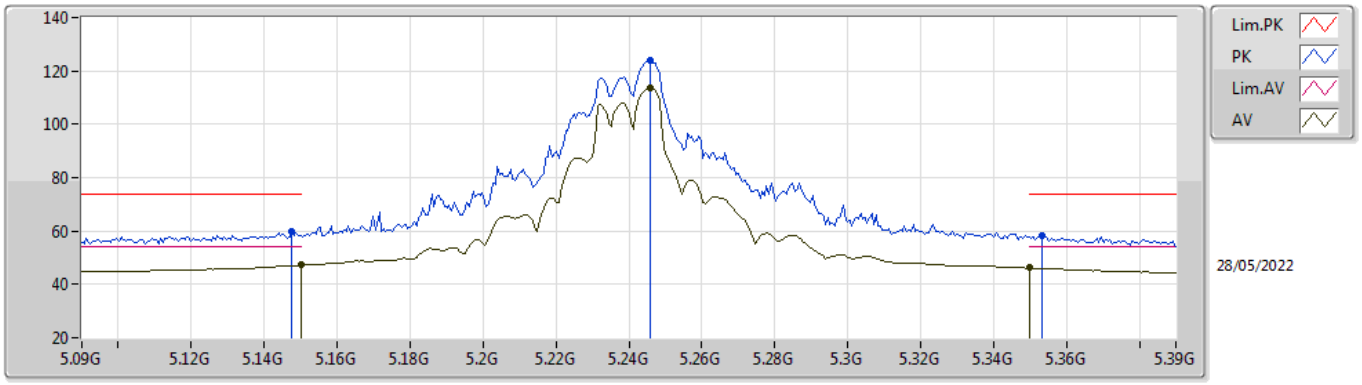


EUT Y_4TX
Setting 108
02-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59752G	56.12	74.00	-17.88	42.06	3	Horizontal	262	1.10	-	37.51	9.82	33.27
AV	15.59834G	42.15	54.00	-11.85	28.09	3	Horizontal	262	1.10	-	37.51	9.82	33.27

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

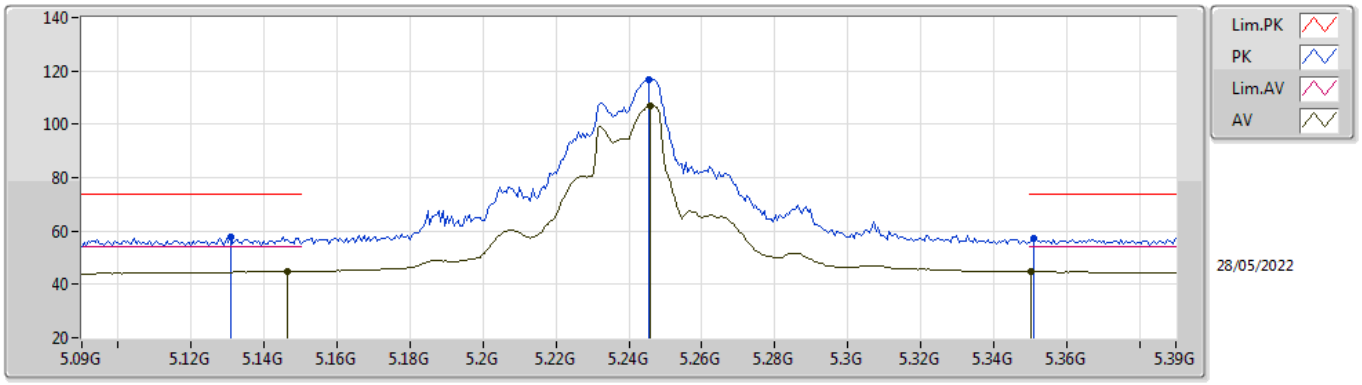


EUT Y_4TX
Setting 108
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1476G	59.62	74.00	-14.38	52.92	3	Vertical	88	1.68	-	33.60	5.25	32.15
AV	5.15G	47.17	54.00	-6.83	40.47	3	Vertical	88	1.68	-	33.60	5.25	32.15
PK	5.246G	123.82	Inf	-Inf	116.95	3	Vertical	88	1.68	-	33.70	5.32	32.15
AV	5.246G	113.45	Inf	-Inf	106.58	3	Vertical	88	1.68	-	33.70	5.32	32.15
PK	5.3534G	58.27	74.00	-15.73	51.12	3	Vertical	88	1.68	-	33.91	5.38	32.14
AV	5.35G	46.13	54.00	-7.87	38.99	3	Vertical	88	1.68	-	33.90	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

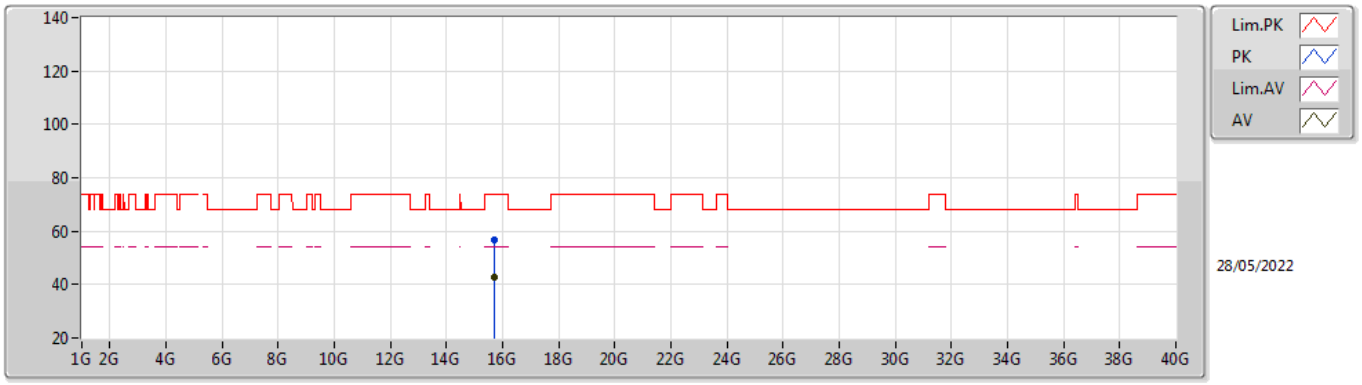


EUT Y_4TX
Setting 108
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1308G	57.81	74.00	-16.19	51.17	3	Horizontal	20	1.87	-	33.56	5.23	32.15
AV	5.1464G	44.95	54.00	-9.05	38.26	3	Horizontal	20	1.87	-	33.59	5.25	32.15
PK	5.2454G	116.90	Inf	-Inf	110.03	3	Horizontal	20	1.87	-	33.70	5.32	32.15
AV	5.246G	106.75	Inf	-Inf	99.88	3	Horizontal	20	1.87	-	33.70	5.32	32.15
PK	5.351G	57.06	74.00	-16.94	49.92	3	Horizontal	20	1.87	-	33.90	5.38	32.14
AV	5.3504G	44.80	54.00	-9.20	37.66	3	Horizontal	20	1.87	-	33.90	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

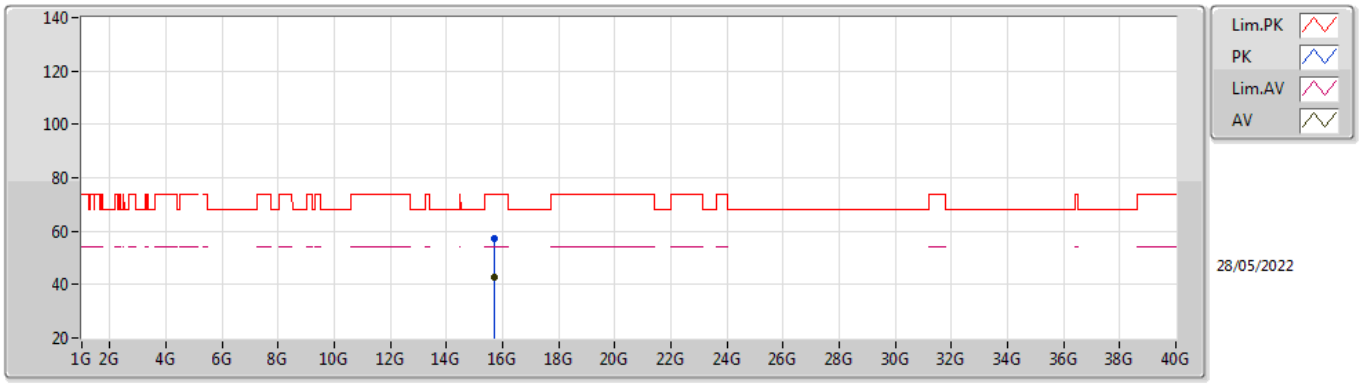


EUT Y_4TX
Setting 108
02-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.71828G	56.61	74.00	-17.39	42.65	3	Vertical	101	1.01	-	37.50	9.87	33.41
AV	15.72138G	42.52	54.00	-11.48	28.56	3	Vertical	101	1.01	-	37.50	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TnomVnom

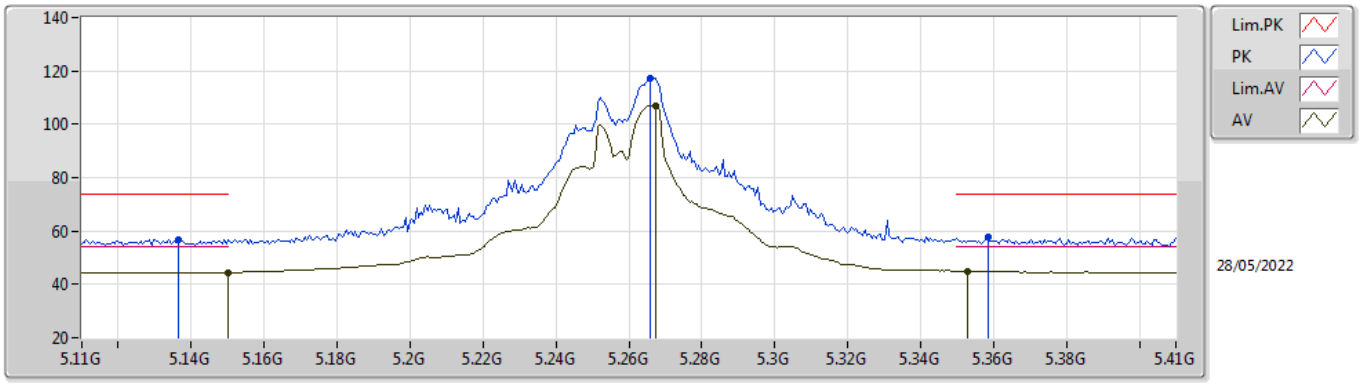


EUT Y_4TX
Setting 108
02-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7211G	57.00	74.00	-17.00	43.04	3	Horizontal	223	2.90	-	37.50	9.87	33.41
AV	15.7163G	42.55	54.00	-11.45	28.59	3	Horizontal	223	2.90	-	37.50	9.87	33.41

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

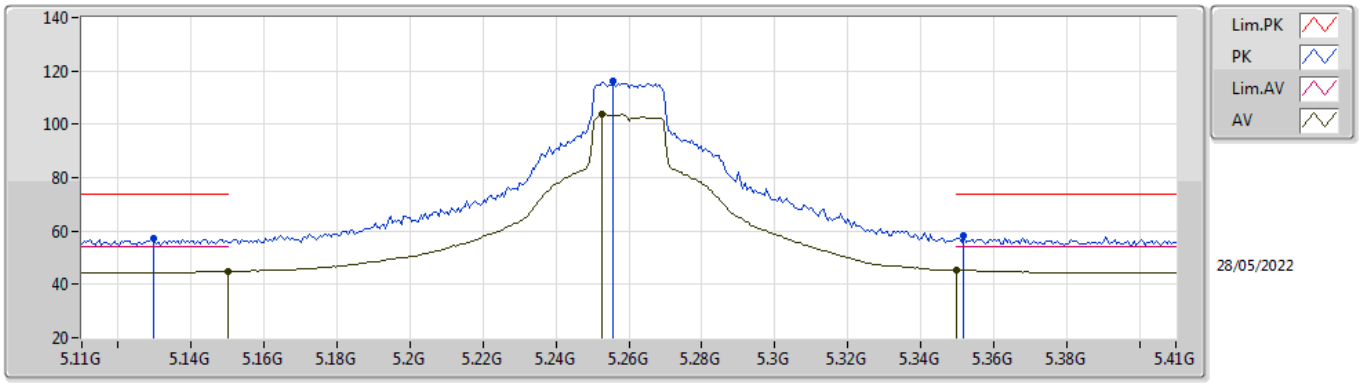


EUT Y_4TX
Setting 108
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1364G	56.84	74.00	-17.16	50.18	3	Vertical	22	1.80	-	33.57	5.24	32.15
AV	5.15G	44.56	54.00	-9.44	37.86	3	Vertical	22	1.80	-	33.60	5.25	32.15
PK	5.266G	117.21	Inf	-Inf	110.29	3	Vertical	22	1.80	-	33.73	5.33	32.14
AV	5.2672G	107.14	Inf	-Inf	100.22	3	Vertical	22	1.80	-	33.73	5.33	32.14
PK	5.3584G	58.00	74.00	-16.00	50.84	3	Vertical	22	1.80	-	33.92	5.38	32.14
AV	5.353G	45.08	54.00	-8.92	37.93	3	Vertical	22	1.80	-	33.91	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

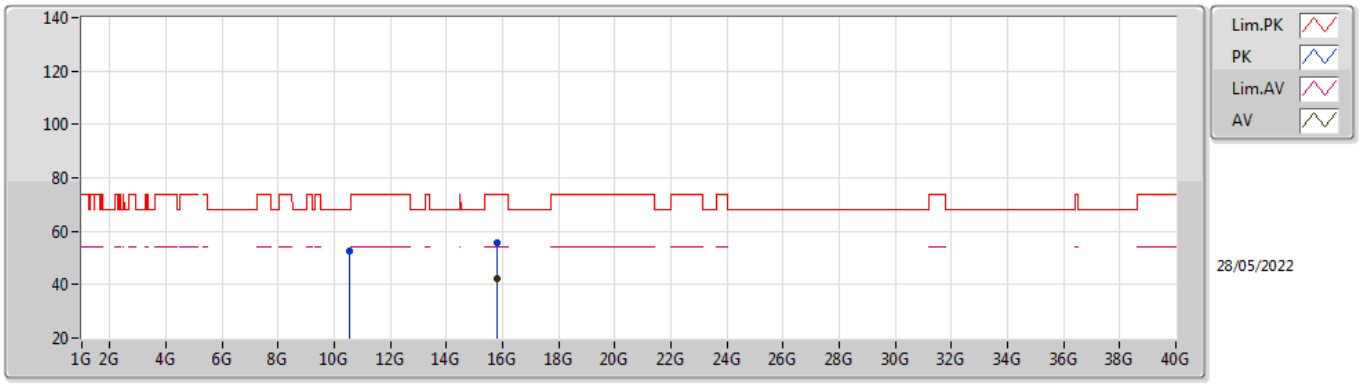


EUT Y_4TX
Setting 108
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1298G	57.35	74.00	-16.65	50.71	3	Horizontal	24	1.82	-	33.56	5.23	32.15
AV	5.15G	44.71	54.00	-9.29	38.01	3	Horizontal	24	1.82	-	33.60	5.25	32.15
PK	5.2558G	116.28	Inf	-Inf	109.38	3	Horizontal	24	1.82	-	33.71	5.33	32.14
AV	5.2528G	103.59	Inf	-Inf	96.69	3	Horizontal	24	1.82	-	33.71	5.33	32.14
PK	5.3518G	58.27	74.00	-15.73	51.13	3	Horizontal	24	1.82	-	33.90	5.38	32.14
AV	5.35G	45.26	54.00	-8.74	38.12	3	Horizontal	24	1.82	-	33.90	5.38	32.14

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

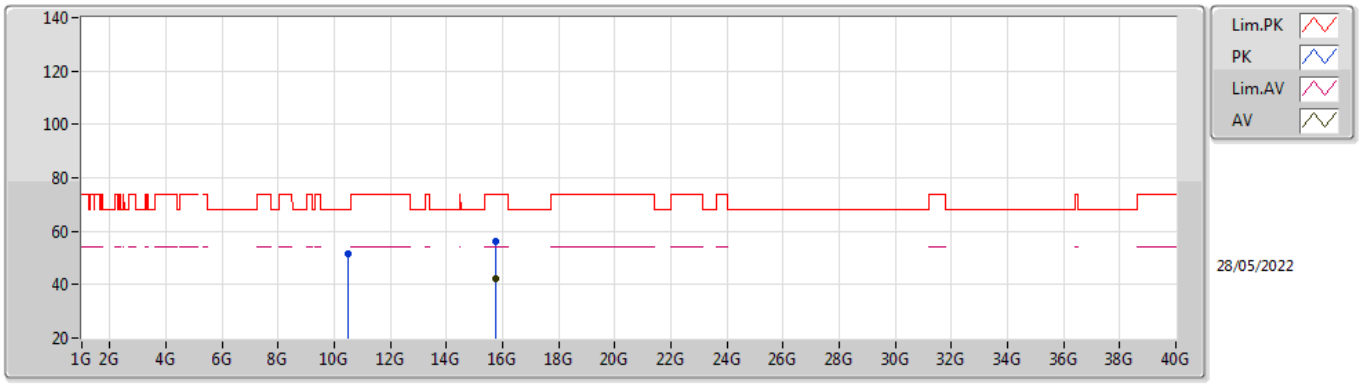


EUT Y_4TX
Setting 108
02-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.52764G	52.56	68.20	-15.64	39.54	3	Vertical	282	1.80	-	38.57	7.51	33.06
PK	15.78056G	55.85	74.00	-18.15	41.93	3	Vertical	238	2.86	-	37.50	9.90	33.48
AV	15.78004G	42.24	54.00	-11.76	28.32	3	Vertical	238	2.86	-	37.50	9.90	33.48

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TnomVnom

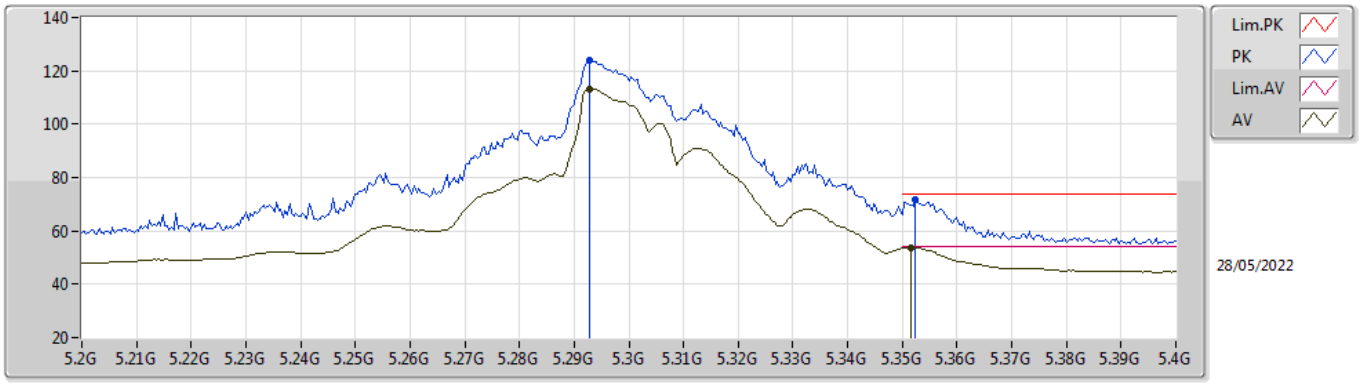


EUT Y_4TX
Setting 108
02-D-S-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5126G	51.44	68.20	-16.76	38.40	3	Horizontal	360	2.73	-	38.59	7.51	33.06
PK	15.77268G	56.29	74.00	-17.71	42.36	3	Horizontal	354	3.00	-	37.50	9.90	33.47
AV	15.77796G	42.16	54.00	-11.84	28.24	3	Horizontal	354	3.00	-	37.50	9.90	33.48

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TnomVnom



EUT Y_4TX
Setting 106
02-D-S-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2928G	124.00	Inf	-Inf	117.00	3	Vertical	47	1.80	-	33.79	5.35	32.14
AV	5.2928G	113.33	Inf	-Inf	106.33	3	Vertical	47	1.80	-	33.79	5.35	32.14
PK	5.3524G	71.94	74.00	-2.06	64.80	3	Vertical	47	1.80	-	33.90	5.38	32.14
AV	5.3516G	53.84	54.00	-0.16	46.70	3	Vertical	47	1.80	-	33.90	5.38	32.14