FCC Test Report

FCC ID	:	**ACQ-STREAMTV**
Equipment	:	**Stream TV**
Model No.	:	**Stream TV**
Brand Name	:	**Verizon**
Applicant	:	**ARRIS**
Address	:	**101 Tournament Drive, Horsham Pennsylvania, United States,19044**
Standard	:	**47 CFR FCC Part 15.407**
Received Date	:	**Mar. 11, 2021**
Tested Date	:	**Mar. 16 ~ Apr. 30, 2021**

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It may be duplicated completely for legal use with the approval of the applicant. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by: **Approved by:**

Along Chen / Assistant Manager **Gary Chang / Manager**

Testing Laboratory 2732

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Release Record

Report No.	Version	Description	Issued Date
FR131101AN	Rev. 01	Initial issue	May 13, 2021

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	Conducted Emissions	[dBuV]: 0.608MHz 44.48 (Margin -1.52dB) - AV	Pass
15.407(b) 15.209	Radiated Emissions	[dBuV/m at 3m]: 5470.00MHz 67.19 (Margin -1.01dB) - PK	Pass
15.407(a)	Emission Bandwidth	Meet the requirement of limit	Pass
15.407(e)	6dB bandwidth	Meet the requirement of limit	Pass
15.407(a)	RF Output Power	Max Power [dBm]: 5150~5250MHz: 23.09 5250~5350MHz: 22.92 5470~5725MHz: 23.51 5725~5850MHz: 25.77	Pass
15.407(a)	Peak Power Spectral Density	Meet the requirement of limit	Pass
15.407(g)	Frequency Stability	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The 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.

1 General Description

1.1 Information

1.1.1 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
5150-5250 5250-5350 5470-5725 5725-5850	a	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	2	6-54 Mbps
5150-5250 5250-5350 5470-5725 5725-5850	n (HT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	2	MCS 0-15
5150-5250 5250-5350 5470-5725 5725-5850	n (HT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	2	MCS 0-15
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	2	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	2	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ac (VHT80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	2	MCS 0-9
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE20)	5180-5240 5260-5320 5500-5720 5745-5825	36-48 [4] 52-64 [4] 100-144 [12] 149-165 [5]	2	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE40)	5190-5230 5270-5310 5510-5710 5755-5795	38-46 [2] 54-62 [2] 102-142 [6] 151-159 [2]	2	MCS 0-11
5150-5250 5250-5350 5470-5725 5725-5850	ax (HE80)	5210 5290 5530~5690 5775	42 [1] 58 [1] 106-138 [3] 155 [1]	2	MCS 0-11
Note 1: RF output power specifies that Maximum Conducted Output Power. Note 2: Chip feature: OFDM/OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM and 1024QAM modulation					

1.1.2 Antenna Details

Ant. No.	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
1	Ant1	Chip	-	2.7	3.84	3.84	3.84	3.84
2	Ant2	PCB	i-pex(MHF)	3.02	3.82	3.82	3.82	3.82

1.1.3 USB chip

Two sources for USB chip

Source 1	IC PER 3.3V SMD QFN24 GP USB HUB Brand: GENESYS Model: GL852G
Source 2	IC PER 3.3V SMD QFN24 GP USB HUB Brand: GENESYS Model: GL850G

1.1.4 Power Supply Type of Equipment under Test (EUT)

Power Supply Type	5Vdc from adapter

1.1.5 Accessories

Accessories		
No.	**Equipment**	**Description**
1	AC adapter	Brand: KUANTECH Model: KSC-10C-050200HU I/P: 100-120Vac, 47-63Hz, 0.3A O/P: 5Vdc, 2A Power Line: 1m non-shielded without core (USB-C cable)
2	HDMI	0.95m non-shielded without core
3	Remote control	Model: RC4513101/01BRP Brand: Verizon

1.1.6 Channel List

802.11a / n HT20 / ac VHT20 / ax HE20		802.11n HT40 / ac VHT40 / ax HE40	
Channel	**Frequency(MHz)**	**Channel**	**Frequency(MHz)**
36	5180	38	5190
40	5200	46	5230
44	5220	54	5270
48	5240	62	5310
52	5260	102	5510
56	5280	110	5550
60	5300	118	5590
64	5320	126	5630
100	5500	134	5670
104	5520	142	5710
108	5540	151	5755
112	5560	159	5795
116	5580	**802.11ac VHT80 / ax HE80**	
120	5600	42	5210
124	5620	58	5290
128	5640	106	5530
132	5660	122	5610
136	5680	138	5690
140	5700	155	5775
144	5720	---	---
149	5745	---	---
153	5765	---	---
157	5785	---	---
161	5805	---	---
165	5825	---	---

1.1.7 Test Tool and Duty Cycle

Test Tool	accessMtool, V3.1.0.2 ; Tera Term, V4.66		
Duty Cycle and Duty Factor	**Mode**	**Duty Cycle (%)**	**Duty Factor (dB)**
	11a	96.00%	0.18
	ax HE20 OFDMA RU242	99.82%	0.01
	ax HE40OFDMA RU484	99.14%	0.04
	ax HE80OFDMA RU996	96.69%	0.15
	ax HE20_RU26	99.66%	0.01
	ax HE20_RU52	99.64%	0.02
	ax HE20_RU106	99.61%	0.02
	ax HE40_RU26	99.66%	0.01
	ax HE40_RU52	99.57%	0.02
	ax HE40_RU106	99.53%	0.02
	ax HE40_RU242	99.82%	0.01
	ax HE80_RU26	99.59%	0.02
	ax HE80_RU52	99.57%	0.02
	ax HE80_RU106	99.92%	0.00
	ax HE80_RU242	99.36%	0.03
	ax HE80_RU484	98.80%	0.05

1.1.8 Power Index of Test Tool

Modulation Mode	Test Frequency (MHz)	Power Index
11a	5180	72
11a	5200	78
11a	5240	78
11a	5260	76
11a	5300	76
11a	5320	74
11a	5500	68
11a	5580	78
11a	5700	56
11a	5745	90
11a	5785	90
11a	5825	90
ax HE20_OFDMA	5180	68
ax HE20_OFDMA	5200	78
ax HE20_OFDMA	5240	78
ax HE20_OFDMA	5260	76
ax HE20_OFDMA	5300	76
ax HE20_OFDMA	5320	66
ax HE20_OFDMA	5500	62
ax HE20_OFDMA	5580	76
ax HE20_OFDMA	5700	52
ax HE20_OFDMA	5745	90
ax HE20_OFDMA	5785	90
ax HE20_OFDMA	5825	90
ax HE40_OFDMA	5190	54
ax HE40_OFDMA	5230	72
ax HE40_OFDMA	5270	72
ax HE40_OFDMA	5310	54
ax HE40_OFDMA	5510	48
ax HE40_OFDMA	5590	74
ax HE40_OFDMA	5670	62
ax HE40_OFDMA	5755	78
ax HE40_OFDMA	5795	84
ax HE80_OFDMA	5210	52
ax HE80_OFDMA	5290	54
ax HE80_OFDMA	5530	48
ax HE80_OFDMA	5610	70
ax HE80_OFDMA	5775	70

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE20 MCS0	26	0	36	5180	28
			40	5200	40
			48	5240	40
			52	5260	38
			60	5300	38
			64	5320	28
			100	5500	24
			116	5580	38
			140	5700	14
			149	5745	52
			157	5785	52
			165	5825	52
		3	36	5180	28
			40	5200	40
			48	5240	40
			52	5260	38
			60	5300	38
			64	5320	28
			100	5500	24
			116	5580	38
			140	5700	14
			149	5745	52
			157	5785	52
			165	5825	52
		8	36	5180	28
			40	5200	40
			48	5240	40
			52	5260	38
			60	5300	38
			64	5320	28
			100	5500	24
			116	5580	38
			140	5700	14
			149	5745	52
			157	5785	52
			165	5825	52

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE20 MCS0	52	37	36	5180	40
			40	5200	50
			48	5240	50
			52	5260	48
			60	5300	48
			64	5320	38
			100	5500	34
			116	5580	48
			140	5700	24
			149	5745	62
			157	5785	62
			165	5825	62
		38	36	5180	40
			40	5200	50
			48	5240	50
			52	5260	48
			60	5300	48
			64	5320	38
			100	5500	34
			116	5580	48
			140	5700	24
			149	5745	62
			157	5785	62
			165	5825	62
		40	36	5180	40
			40	5200	50
			48	5240	50
			52	5260	48
			60	5300	48
			64	5320	38
			100	5500	34
			116	5580	48
			140	5700	24
			149	5745	62
			157	5785	62
			165	5825	62

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE20 MCS0	106	53	36	5180	52
			40	5200	62
			48	5240	62
			52	5260	60
			60	5300	60
			64	5320	50
			100	5500	46
			116	5580	60
			140	5700	36
			149	5745	74
			157	5785	74
			165	5825	74
		54	36	5180	52
			40	5200	62
			48	5240	62
			52	5260	60
			60	5300	60
			64	5320	50
			100	5500	46
			116	5580	60
			140	5700	36
			149	5745	74
			157	5785	74
			165	5825	74

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE40 MCS0	26	0	38	5190	10
			46	5230	28
			54	5270	28
			62	5310	10
			102	5510	2
			118	5590	30
			134	5670	18
			151	5755	36
			159	5795	42
		12	38	5190	10
			46	5230	28
			54	5270	28
			62	5310	10
			102	5510	2
			118	5590	30
			134	5670	18
			151	5755	36
			159	5795	42
		17	38	5190	10
			46	5230	28
			54	5270	28
			62	5310	10
			102	5510	2
			118	5590	30
			134	5670	18
			151	5755	36
			159	5795	42

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE40 MCS0	52	37	38	5190	22
			46	5230	40
			54	5270	40
			62	5310	22
			102	5510	14
			118	5590	42
			134	5670	28
			151	5755	48
			159	5795	54
		42	38	5190	22
			46	5230	40
			54	5270	40
			62	5310	22
			102	5510	14
			118	5590	42
			134	5670	28
			151	5755	48
			159	5795	54
		44	38	5190	22
			46	5230	40
			54	5270	40
			62	5310	22
			102	5510	14
			118	5590	42
			134	5670	28
			151	5755	48
			159	5795	54

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE40 MCS0	106	53	38	5190	34
			46	5230	52
			54	5270	52
			62	5310	34
			102	5510	26
			118	5590	54
			134	5670	42
			151	5755	60
			159	5795	66
		54	38	5190	34
			46	5230	52
			54	5270	52
			62	5310	34
			102	5510	26
			118	5590	54
			134	5670	42
			151	5755	60
			159	5795	66
		56	38	5190	34
			46	5230	52
			54	5270	52
			62	5310	34
			102	5510	26
			118	5590	54
			134	5670	42
			151	5755	60
			159	5795	66
	242	61	38	5190	46
			46	5230	66
			54	5270	66
			62	5310	46
			102	5510	40
			118	5590	68
			134	5670	56
			151	5755	74
			159	5795	82
		62	38	5190	46
			46	5230	66
			54	5270	66
			62	5310	46
			102	5510	40
			118	5590	68
			134	5670	56
			151	5755	74
			159	5795	82

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE80 MCS0	26	0	42	5210	-6
			58	5290	0
			106	5530	-10
			122	5610	14
			155	5775	16
		21	42	5210	-6
			58	5290	0
			106	5530	-10
			122	5610	14
			155	5775	16
		36	42	5210	-6
			58	5290	0
			106	5530	-10
			122	5610	14
			155	5775	16
	52	37	42	5210	6
			58	5290	12
			106	5530	2
			122	5610	26
			155	5775	28
		50	42	5210	6
			58	5290	12
			106	5530	2
			122	5610	26
			155	5775	28
		52	42	5210	6
			58	5290	12
			106	5530	2
			122	5610	26
			155	5775	28
	106	53	42	5210	16
			58	5290	22
			106	5530	14
			122	5610	38
			155	5775	38
		58	42	5210	16
			58	5290	22
			106	5530	14
			122	5610	38
			155	5775	38
		60	42	5210	16
			58	5290	22
			106	5530	14
			122	5610	38
			155	5775	38

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE80 MCS0	242	61	42	5210	28
			58	5290	34
			106	5530	26
			122	5610	50
			155	5775	50
		62	42	5210	28
			58	5290	34
			106	5530	26
			122	5610	50
			155	5775	50
		64	42	5210	28
			58	5290	34
			106	5530	26
			122	5610	50
			155	5775	50
	484	65	42	5210	40
			58	5290	46
			106	5530	38
			122	5610	60
			155	5775	60
		66	42	5210	40
			58	5290	46
			106	5530	38
			122	5610	60
			155	5775	60

Channel that (Within 5470-5725MHz band= Band3) & (Extends across 5725MHz band = Band4)

Modulation Mode	Test Frequency (MHz)	Power Index
11a	5720MHz	78
ax HE20_OFDMA	5720MHz	78
ax HE40_OFDMA	5710MHz	76
ax HE80_OFDMA	5690MHz	76

Mode	RU	Index	Channel	Frequency (MHz)	Test Tool Power index
802.11ax-HE20 MCS0	26	0	144	5720	40
		3	144	5720	40
		8	144	5720	40
	52	37	144	5720	52
		38	144	5720	52
		40	144	5720	52
	106	53	144	5720	64
		54	144	5720	64
802.11ax-HE40 MCS0	26	0	142	5710	30
		12	142	5710	30
		17	142	5710	30
	52	37	142	5710	42
		42	142	5710	42
		44	142	5710	42
	106	53	142	5710	52
		54	142	5710	52
		56	142	5710	52
	242	61	142	5710	66
		62	142	5710	66
802.11ax-HE80 MCS0	26	0	138	5690	18
		21	138	5690	18
		36	138	5690	18
	52	37	138	5690	28
		50	138	5690	28
		52	138	5690	28
	106	53	138	5690	40
		58	138	5690	40
		60	138	5690	40
	242	61	138	5690	52
		62	138	5690	52
		64	138	5690	52
	484	65	138	5690	62
		66	138	5690	62

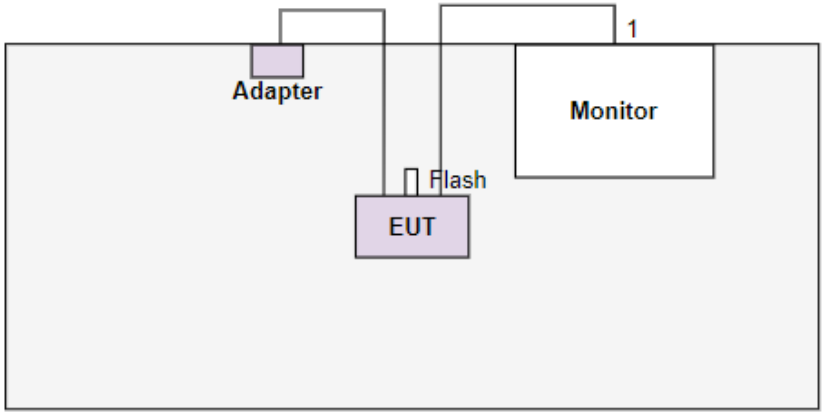
1.2 Local Support Equipment List

Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
1	LCD Monitor	ASUS	MX27UCS	---	---
2	USB 3.0 flash	Transcend	JetFlash 700	---	---
3	Notebook	DELL	Latitude E5470	DoC	---

Note: The support notebook is connected to EUT via fixture and is disconnected from EUT and removed from test table after sending RF command to control EUT to transmit continuously.

1.3 Test Setup Chart

Test Setup Diagram



No.	Signal cable / Length (m)
1	HDMI, 0.95m non-shielded.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Apr. 16 ~ Apr. 20, 2021				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 08, 2021	Feb. 07, 2022
LISN	R&S	ENV216	101579	Mar. 17, 2021	Mar. 16, 2022
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 21, 2020	Oct. 20, 2021
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Mar. 16 ~ Apr. 30, 2021				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 08, 2021	Feb. 07, 2022
Spectrum Analyzer	R&S	FSV40	101498	Dec. 04, 2020	Dec. 03, 2021
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 17, 2020	Nov. 16, 2021
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 10, 2020	Jul. 09, 2021
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Dec. 11, 2020	Dec. 10, 2021
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 06, 2020	Nov. 05, 2021
Preamplifier	EMC	EMC02325	980225	Jul. 03, 2020	Jul. 02, 2021
Preamplifier	Agilent	83017A	MY39501308	Sep. 26, 2020	Sep. 25, 2021
Preamplifier	EMC	EMC184045B	980192	Jul. 21, 2020	Jul. 20, 2021
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 06, 2020	Oct. 05, 2021
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 06, 2020	Oct. 05, 2021
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 06, 2020	Oct. 05, 2021
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 06, 2020	Oct. 05, 2021
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16019/4	Oct. 06, 2020	Oct. 05, 2021
RF Cable	HUBER+SUHNER	SUCOFLEX104	MY16014/4	Oct. 06, 2020	Oct. 05, 2021
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Apr. 08 ~ Apr. 28, 2021				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101063	Apr. 30, 2020	Apr. 29, 2021
Power Meter	Anritsu	ML2495A	1241002	Nov. 04, 2020	Nov. 03, 2021
Power Sensor	Anritsu	MA2411B	1207366	Nov. 04, 2020	Nov. 03, 2021
AC POWER SOURCE	APC	AFC-500W	F312060012	Dec. 04, 2020	Dec. 03, 2021
TEMP&HUMIDITY CHAMBER	GIANT FORCE	GCT-225-40-SP-SD	MAF1212-002	May 06, 2020	May 05, 2021
Measurement Software	-	SENSE-15407_NII	V5.10	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.407
ANSI C63.10-2013

1.6 Reference Guidance

FCC KDB 412172 D01 Determining ERP and EIRP v01r01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Frequency error	$\pm 1 \times 10^{-9}$
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Radiated emission ≤ 1GHz	±3.41 dB
Radiated emission > 1GHz	±4.59 dB
Time	±0.1%
Temperature	±0.4 °C

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Frequency band 5150~5250 MHz / 5250~5350 MHz / 5470~5725 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
Conducted Emissions	ax HE40_RU484	5590	MCS 0	1, 2
Radiated Emissions ≤1GHz	ax HE40_RU484	5590	MCS 0	1, 2
Radiated Emissions >1GHz RF Output Power Emission Bandwidth Peak Power Spectral Density	11a	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	6 Mbps	1
	ax HE20_RU242	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720	MCS 0	
	ax HE40_RU484	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710	MCS 0	
	ax HE80_RU996	5210 / 5290 / 5530 / 5610 / 5690	MCS 0	
Frequency Stability	Un-modulation	5320	---	1
Frequency band 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
Conducted Emissions	ax HE20_RU242	5745	MCS 0	1, 2
Radiated Emissions ≤1GHz	ax HE20_RU242	5745	MCS 0	1, 2
Radiated Emissions >1GHz RF Output Power Emission Bandwidth 6dB bandwidth Peak Power Spectral Density	11a	5745 / 5785 / 5825	6 Mbps	1
	ax HE20_RU242	5745 / 5785 / 5825	MCS 0	
	ax HE40_RU484	5755 / 5795	MCS 0	
	ax HE80_RU996	5775	MCS 0	
Frequency Stability	Un-modulation	5785	---	1

NOTE:

1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **X-plane** results were found as the worst case and were shown in this report.
2. There are two USB chips provided for the test:
   Test Configuration 1: USB chip 1, model GL852G
   Test Configuration 2: USB chip 2, model GL850G

11ax Partial RU mode

Frequency band 5150~5250 MHz / 5250~5350 MHz / 5470~5725 MHz / 5725-5850 MHz				
Test item	**Modulation Mode**	**Test Frequency (MHz)**	**Data Rate**	**Test Configuration**
RF Output Power Peak Power Spectral Density	ax HE20_RU26 ax HE20_RU52 ax HE20_RU106	5180 / 5200 / 5240 / 5260 / 5300 5320 / 5500 / 5580 / 5700 / 5720 5745 / 5825	MCS 0	1
	ax HE40_RU26 ax HE40_RU52 ax HE40_RU106 ax HE40_RU242	5190 / 5230/ 5270 / 5310 / 5510 5590 / 5670 / 5710 5755 / 5795	MCS 0	
	ax HE80_RU26 ax HE80_RU52 ax HE80_RU106 ax HE80_RU242 ax HE80_RU484	5210 / 5290 / 5530 / 5610 / 5690 5775	MCS 0	
RSE Band Edge	ax HE20_RU26 ax HE20_RU52 ax HE20_RU106	5180 / 5320 / 5500 / 5700 / 5720 5745 / 5825	MCS 0	1
	ax HE40_RU26 ax HE40_RU52 ax HE40_RU106 ax HE40_RU242	5190 / 5310 / 5510 / 5670 / 5710 5755 / 5795	MCS 0	
	ax HE80_RU26 ax HE80_RU52 ax HE80_RU106 ax HE80_RU242 ax HE80_RU484	5210 / 5290 / 5530 / 5610 / 5690 5775	MCS 0	
NOTE: 1. The EUT was pretested with 3 orientations placed on the table for the radiated emission measurement – X, Y, and Z-plane. The **X-plane** results were found as the worst case and were shown in this report. 2. There are two USB chips provided for the test: Test Configuration 1: USB chip 1, model GL852G Test Configuration 2: USB chip 2, model GL850G				

3 Transmitter Test Results

3.1 Conducted Emissions

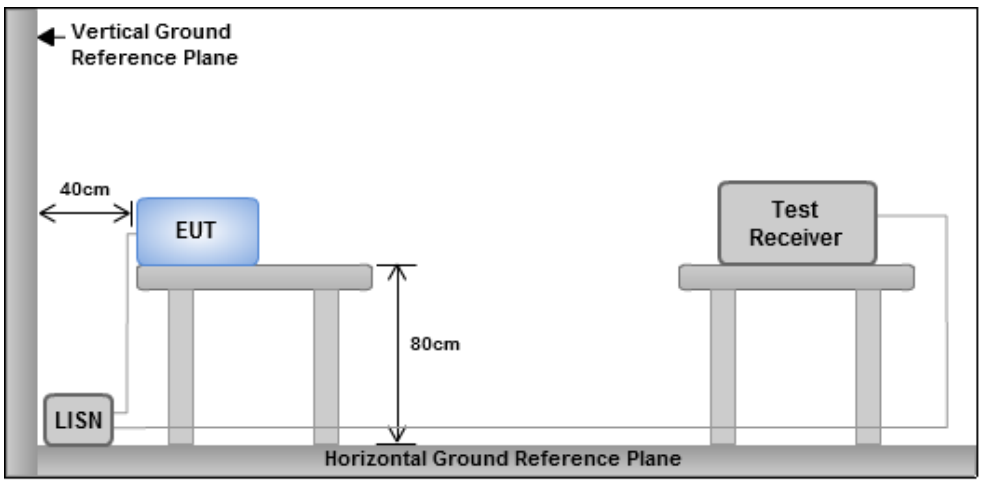
3.1.1 Limit of Conducted Emissions

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 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V/60Hz

3.1.3 Test Setup



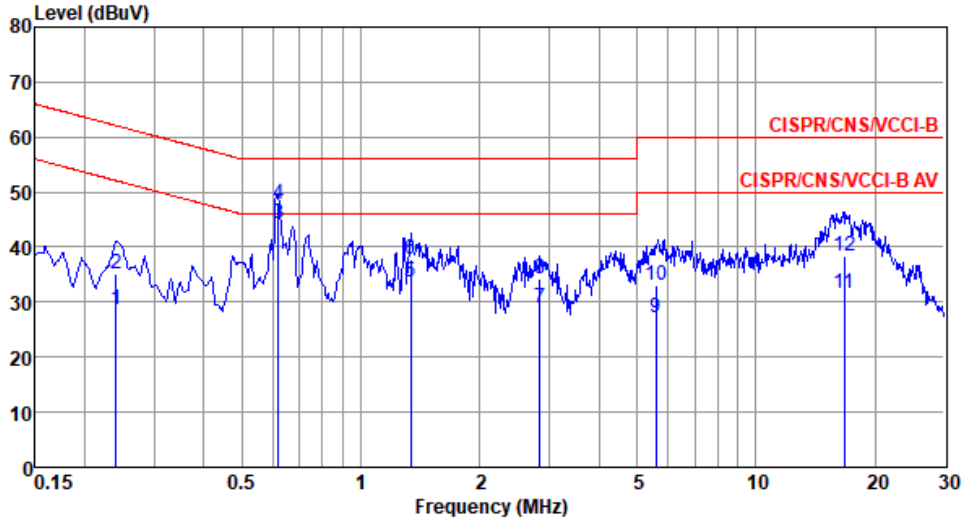
Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.1.4 Test Result of Conducted Emissions

Modulation	ax HE40	Test Freq. (MHz)	5590
Power Phase	Line	Test Configuration	1

Test by : Alex Tsai Temperature: 22°C Humidity: 60%

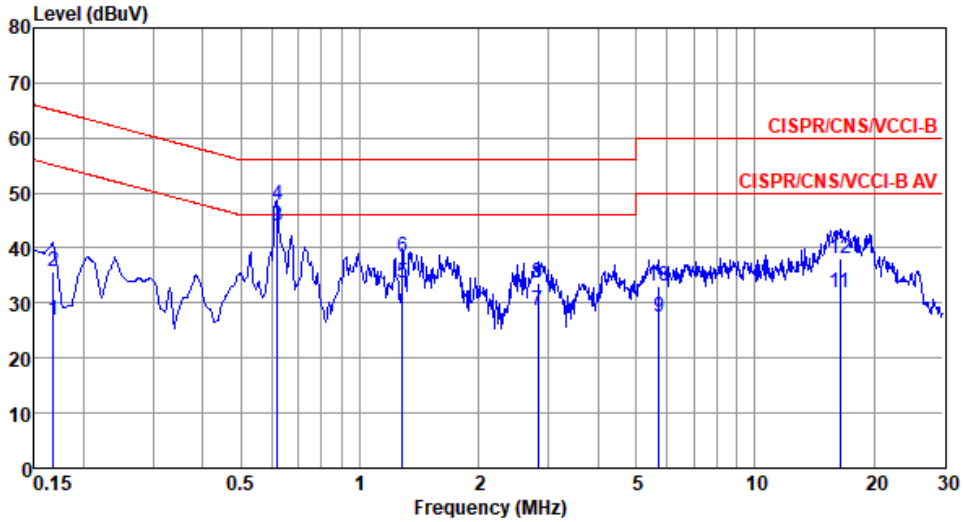


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.240	28.50	52.08	-23.58	18.58	9.85	0.07	Average
2	0.240	35.02	62.08	-27.06	25.10	9.85	0.07	QP
3*	0.617	44.22	46.00	-1.78	34.18	9.94	0.10	Average
4	0.617	47.80	56.00	-8.20	37.76	9.94	0.10	QP
5	1.338	33.73	46.00	-12.27	23.59	9.99	0.15	Average
6	1.338	37.88	56.00	-18.12	27.74	9.99	0.15	QP
7	2.839	28.89	46.00	-17.11	18.63	10.02	0.24	Average
8	2.839	34.30	56.00	-21.70	24.04	10.02	0.24	QP
9	5.594	27.11	50.00	-22.89	16.71	10.07	0.33	Average
10	5.594	32.98	60.00	-27.02	22.58	10.07	0.33	QP
11	16.750	31.53	50.00	-18.47	20.68	10.22	0.63	Average
12	16.750	38.33	60.00	-21.67	27.48	10.22	0.63	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	ax HE40	Test Freq. (MHz)	5590
Power Phase	Neutral	Test Configuration	1

Test by : Alex Tsai Temperature: 22°C Humidity: 60%

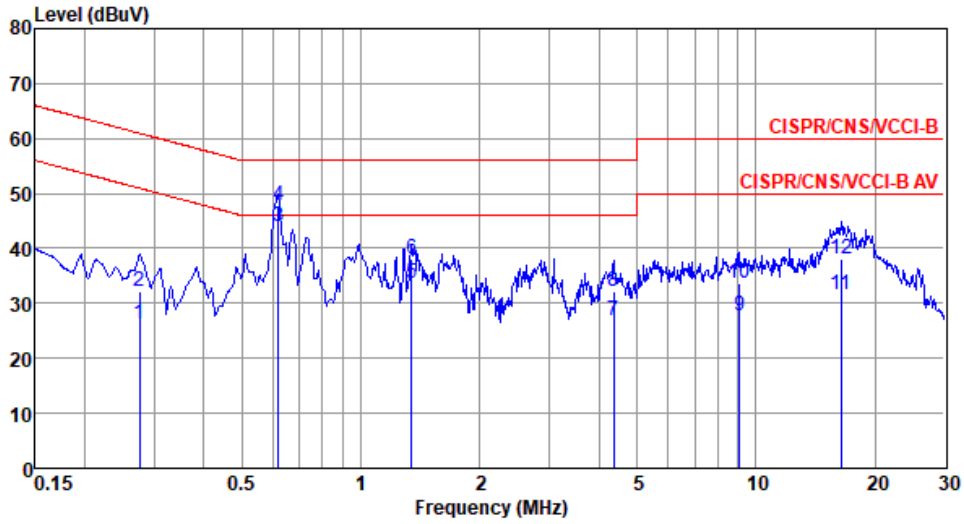


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.168	26.95	55.08	-28.13	17.08	9.82	0.05	Average
2	0.168	35.63	65.08	-29.45	25.76	9.82	0.05	QP
3*	0.617	43.96	46.00	-2.04	34.00	9.86	0.10	Average
4	0.617	47.72	56.00	-8.28	37.76	9.86	0.10	QP
5	1.282	33.70	46.00	-12.30	23.65	9.91	0.14	Average
6	1.282	38.42	56.00	-17.58	28.37	9.91	0.14	QP
7	2.824	28.68	46.00	-17.32	18.50	9.95	0.23	Average
8	2.824	33.79	56.00	-22.21	23.61	9.95	0.23	QP
9	5.713	27.35	50.00	-22.65	17.01	10.01	0.33	Average
10	5.713	33.02	60.00	-26.98	22.68	10.01	0.33	QP
11	16.398	31.89	50.00	-18.11	21.02	10.25	0.62	Average
12	16.398	38.14	60.00	-21.86	27.27	10.25	0.62	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	ax HE20	Test Freq. (MHz)	5745
Power Phase	Line	Test Configuration	1

Test by : Alex Tsai Temperature: 22°C Humidity: 60%

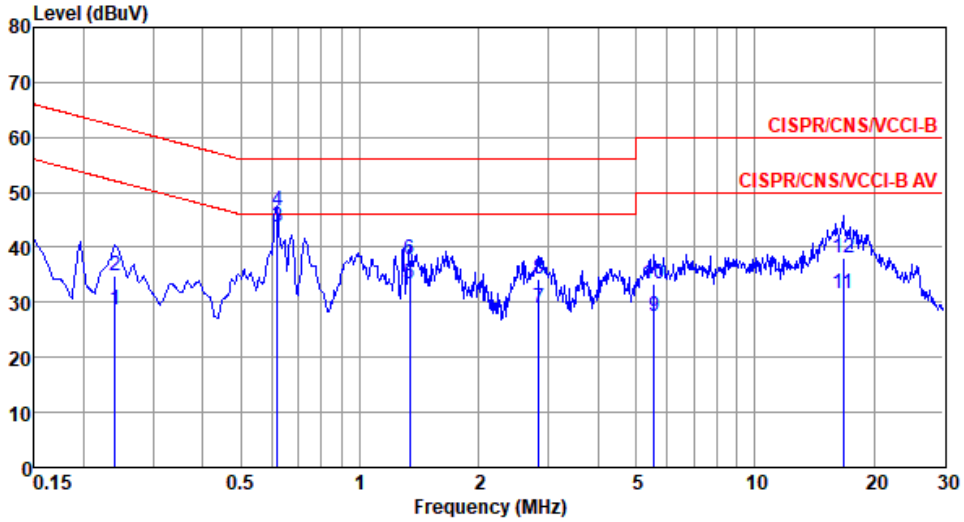


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.276	26.38	50.94	-24.56	16.45	9.86	0.07	Average
2	0.276	32.22	60.94	-28.72	22.29	9.86	0.07	QP
3*	0.617	44.12	46.00	-1.88	34.08	9.94	0.10	Average
4	0.617	47.80	56.00	-8.20	37.76	9.94	0.10	QP
5	1.345	33.62	46.00	-12.38	23.48	9.99	0.15	Average
6	1.345	38.12	56.00	-17.88	27.98	9.99	0.15	QP
7	4.361	26.75	46.00	-19.25	16.40	10.05	0.30	Average
8	4.361	32.08	56.00	-23.92	21.73	10.05	0.30	QP
9	9.107	27.62	50.00	-22.38	17.13	10.10	0.39	Average
10	9.107	33.67	60.00	-26.33	23.18	10.10	0.39	QP
11	16.398	31.73	50.00	-18.27	20.89	10.22	0.62	Average
12	16.398	37.94	60.00	-22.06	27.10	10.22	0.62	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	ax HE20	Test Freq. (MHz)	5745
Power Phase	Neutral	Test Configuration	1

Test by : Alex Tsai Temperature: 22°C Humidity: 60%

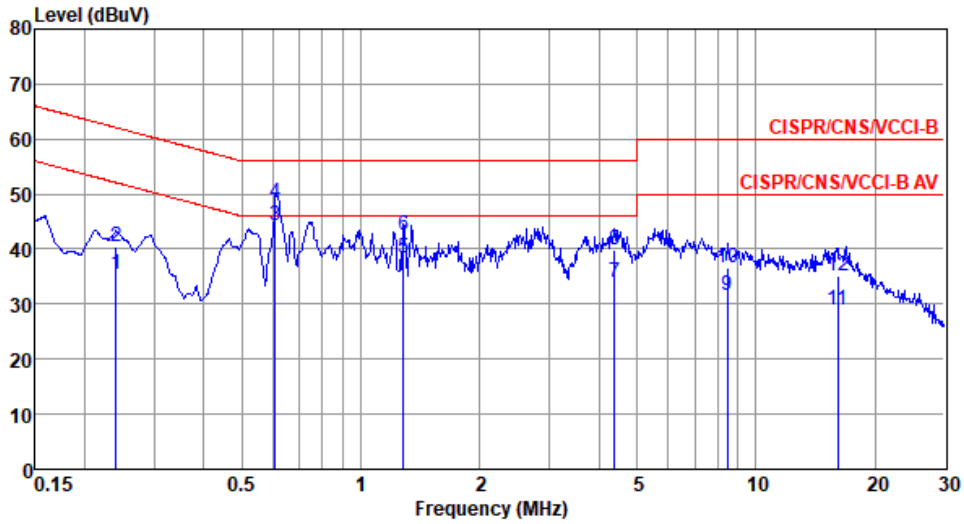


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.240	28.56	52.08	-23.52	18.65	9.84	0.07	Average
2	0.240	34.83	62.08	-27.25	24.92	9.84	0.07	QP
3*	0.617	43.77	46.00	-2.23	33.81	9.86	0.10	Average
4	0.617	46.73	56.00	-9.27	36.77	9.86	0.10	QP
5	1.338	33.45	46.00	-12.55	23.39	9.91	0.15	Average
6	1.338	37.79	56.00	-18.21	27.73	9.91	0.15	QP
7	2.839	28.96	46.00	-17.04	18.76	9.96	0.24	Average
8	2.839	34.33	56.00	-21.67	24.13	9.96	0.24	QP
9	5.564	27.57	50.00	-22.43	17.23	10.01	0.33	Average
10	5.564	33.40	60.00	-26.60	23.06	10.01	0.33	QP
11	16.750	31.45	50.00	-18.55	20.56	10.26	0.63	Average
12	16.750	38.09	60.00	-21.91	27.20	10.26	0.63	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	ax HE40	Test Freq. (MHz)	5590
Power Phase	Line	Test Configuration	2

Test by : Alex Tsai Temperature: 20°C Humidity: 66%

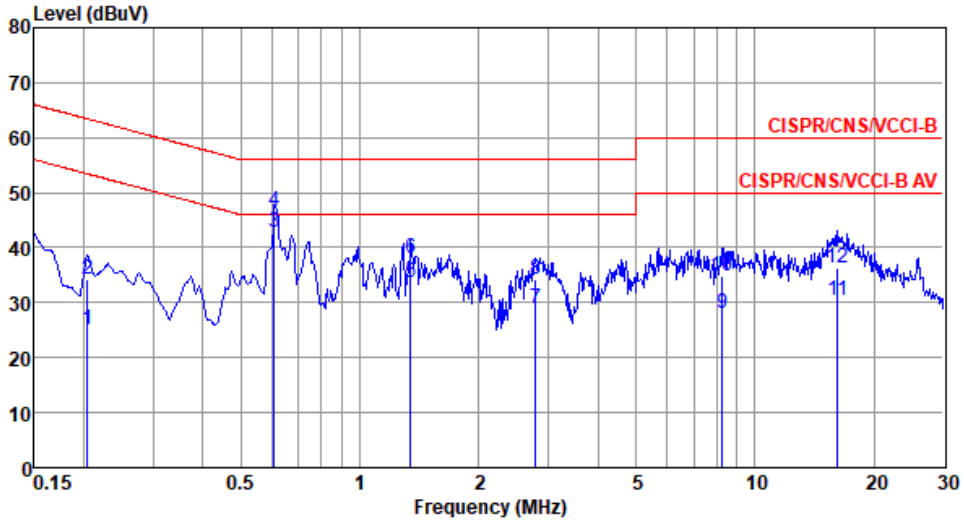


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.240	35.51	52.08	-16.57	25.59	9.85	0.07	Average
2	0.240	40.52	62.08	-21.56	30.60	9.85	0.07	QP
3*	0.608	44.39	46.00	-1.61	34.35	9.94	0.10	Average
4	0.608	48.44	56.00	-7.56	38.40	9.94	0.10	QP
5	1.282	38.25	46.00	-7.75	28.12	9.99	0.14	Average
6	1.282	42.58	56.00	-13.42	32.45	9.99	0.14	QP
7	4.384	33.85	46.00	-12.15	23.50	10.05	0.30	Average
8	4.384	39.74	56.00	-16.26	29.39	10.05	0.30	QP
9	8.456	31.50	50.00	-18.50	21.02	10.10	0.38	Average
10	8.456	36.64	60.00	-23.36	26.16	10.10	0.38	QP
11	16.140	28.90	50.00	-21.10	18.07	10.21	0.62	Average
12	16.140	35.22	60.00	-24.78	24.39	10.21	0.62	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	ax HE40	Test Freq. (MHz)	5590
Power Phase	Neutral	Test Configuration	2

Test by : Alex Tsai Temperature: 20°C Humidity: 66%

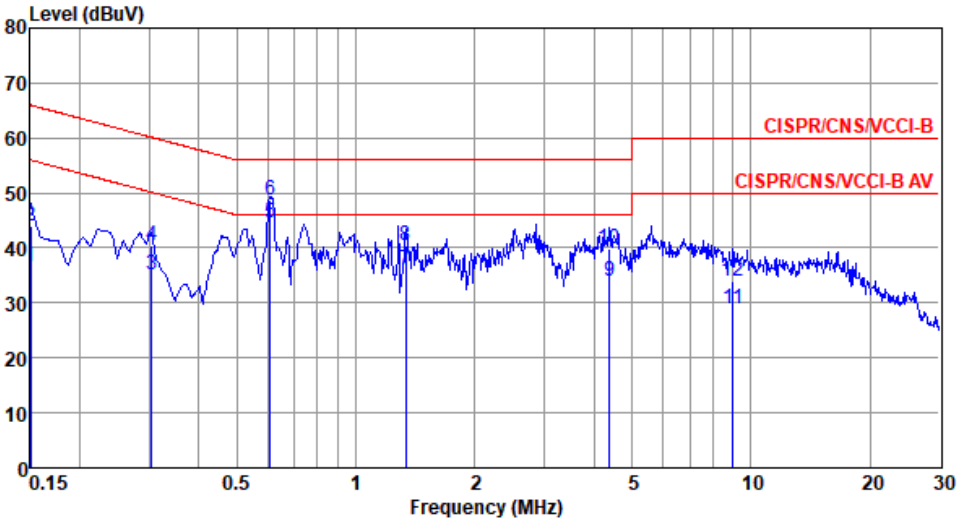


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.204	25.12	53.45	-28.33	15.23	9.83	0.06	Average
2	0.204	34.29	63.45	-29.16	24.40	9.83	0.06	QP
3*	0.608	42.82	46.00	-3.18	32.86	9.86	0.10	Average
4	0.608	46.67	56.00	-9.33	36.71	9.86	0.10	QP
5	1.345	33.78	46.00	-12.22	23.72	9.91	0.15	Average
6	1.345	38.12	56.00	-17.88	28.06	9.91	0.15	QP
7	2.779	28.95	46.00	-17.05	18.77	9.95	0.23	Average
8	2.779	34.27	56.00	-21.73	24.09	9.95	0.23	QP
9	8.279	28.10	50.00	-21.90	17.66	10.06	0.38	Average
10	8.279	34.94	60.00	-25.06	24.50	10.06	0.38	QP
11	16.226	30.42	50.00	-19.58	19.55	10.25	0.62	Average
12	16.226	36.34	60.00	-23.66	25.47	10.25	0.62	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	ax HE20	Test Freq. (MHz)	5745
Power Phase	Line	Test Configuration	2

Test by : Alex Tsai Temperature: 20°C Humidity: 66%

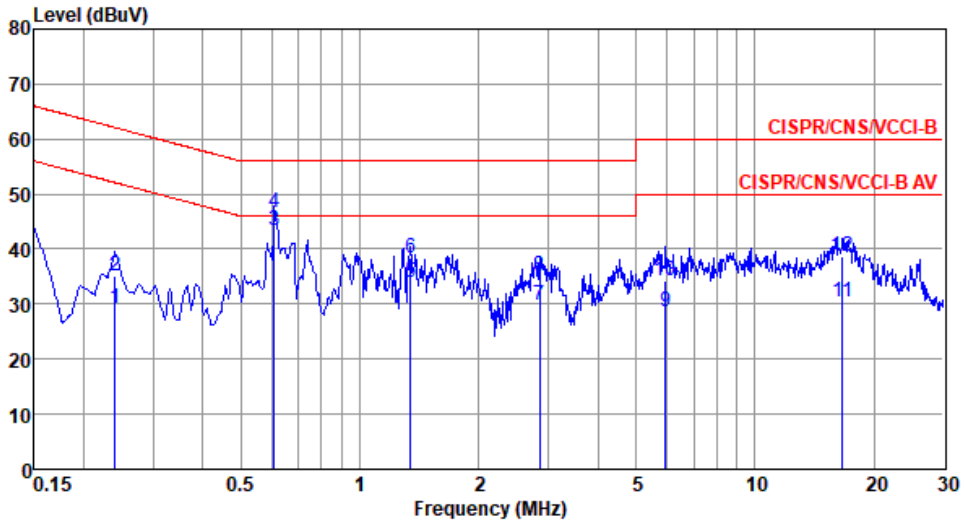


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.150	36.74	56.00	-19.26	26.86	9.83	0.05	Average
2	0.150	44.01	66.00	-21.99	34.13	9.83	0.05	QP
3	0.303	35.05	50.15	-15.10	25.11	9.87	0.07	Average
4	0.303	40.43	60.15	-19.72	30.49	9.87	0.07	QP
5*	0.608	44.48	46.00	-1.52	34.44	9.94	0.10	Average
6	0.608	48.67	56.00	-7.33	38.63	9.94	0.10	QP
7	1.338	35.96	46.00	-10.04	25.82	9.99	0.15	Average
8	1.338	40.31	56.00	-15.69	30.17	9.99	0.15	QP
9	4.384	34.04	46.00	-11.96	23.69	10.05	0.30	Average
10	4.384	39.91	56.00	-16.09	29.56	10.05	0.30	QP
11	9.011	28.88	50.00	-21.12	18.39	10.10	0.39	Average
12	9.011	34.01	60.00	-25.99	23.52	10.10	0.39	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation	ax HE20	Test Freq. (MHz)	5745
Power Phase	Neutral	Test Configuration	2

Test by : Alex Tsai Temperature: 20°C Humidity: 66%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	
1	0.240	29.08	52.08	-23.00	19.17	9.84	0.07	Average
2	0.240	35.18	62.08	-26.90	25.27	9.84	0.07	QP
3*	0.608	43.25	46.00	-2.75	33.29	9.86	0.10	Average
4	0.608	46.70	56.00	-9.30	36.74	9.86	0.10	QP
5	1.345	33.93	46.00	-12.07	23.87	9.91	0.15	Average
6	1.345	38.25	56.00	-17.75	28.19	9.91	0.15	QP
7	2.854	29.68	46.00	-16.32	19.48	9.96	0.24	Average
8	2.854	35.13	56.00	-20.87	24.93	9.96	0.24	QP
9	5.929	28.67	50.00	-21.33	18.31	10.02	0.34	Average
10	5.929	34.37	60.00	-25.63	24.01	10.02	0.34	QP
11	16.661	30.49	50.00	-19.51	19.60	10.26	0.63	Average
12	16.661	38.69	60.00	-21.31	27.80	10.26	0.63	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

3.2 Emission Bandwidth

3.2.1 Limit of Emission Bandwidth

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

3.2.2 Test Procedures

26dB Bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set the VBW > RBW, Detector = Peak.
3. Trace mode = max hold.
4. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

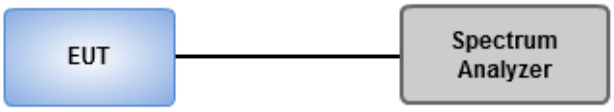
Occupied Bandwidth

1. Set RBW = 1 % to 5 % of the OBW.
2. Set VBW ≥ 3 RBW.
3. Sample detection and single sweep mode shall be used.
4. Use the 99 % power bandwidth function of the instrument.

6dB Bandwidth

1. Set RBW = 100kHz, VBW = 300kHz.
2. Detector = Peak,Trace mode = max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.2.3 Test Setup



3.2.4 Test Result of Emission Bandwidth

Ambient Condition	23-24°C / 64-66%	Tested By	Aska Huang

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)_2TX	37.319M	18.017M	18M0D1D	21.522M	16.643M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	38.986M	19.392M	19M4D1D	21.957M	19.03M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	76.377M	37.916M	37M9D1D	39.855M	37.482M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	81.159M	76.99M	77M0D1D	80.87M	76.99M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	30.507M	17.149M	17M1D1D	21.739M	16.643M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	39.855M	19.392M	19M4D1D	21.667M	19.03M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	80.145M	37.916M	37M9D1D	39.855M	37.482M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	81.449M	77.279M	77M3D1D	80.87M	76.99M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	35.435M	17.294M	17M3D1D	21.232M	16.57M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	34.565M	19.175M	19M2D1D	21.594M	19.03M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	78.116M	37.916M	37M9D1D	40M	37.482M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	124.928M	77.279M	77M3D1D	81.739M	76.99M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.377M	28.726M	28M7D1D	16.304M	26.556M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	18.986M	33.285M	33M3D1D	18.768M	29.74M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	37.681M	69.465M	69M5D1D	36.957M	39.508M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	77.391M	77.279M	77M3D1D	77.101M	77.279M

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

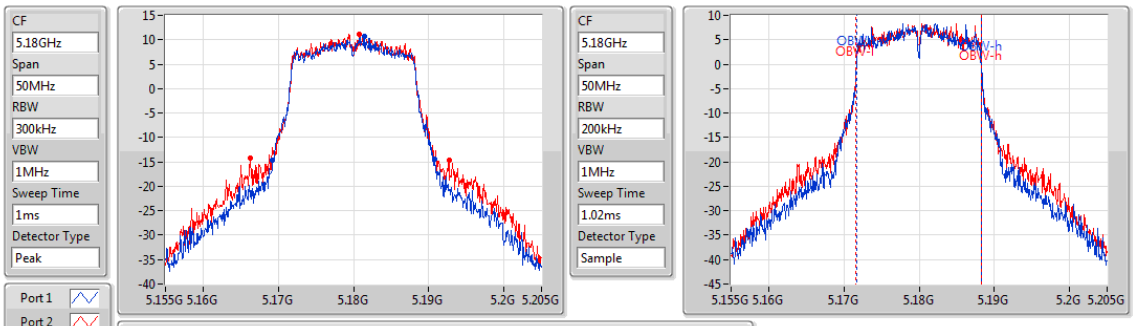
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.522M	16.643M	26.377M	16.715M
5200MHz	Pass	Inf	32.319M	17.149M	37.319M	18.017M
5240MHz	Pass	Inf	31.087M	17.221M	33.261M	17.511M
5260MHz	Pass	Inf	27.754M	16.932M	30.507M	17.149M
5300MHz	Pass	Inf	27.536M	16.932M	28.696M	17.004M
5320MHz	Pass	Inf	21.739M	16.715M	23.333M	16.643M
5500MHz	Pass	Inf	21.232M	16.57M	21.522M	16.643M
5580MHz	Pass	Inf	35.435M	17.294M	30.29M	17.294M
5700MHz	Pass	Inf	21.594M	16.715M	21.377M	16.643M
5745MHz	Pass	500k	16.377M	28.726M	16.304M	26.918M
5785MHz	Pass	500k	16.304M	28.582M	16.377M	26.99M
5825MHz	Pass	500k	16.377M	27.931M	16.304M	26.556M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.957M	19.03M	26.812M	19.103M
5200MHz	Pass	Inf	36.739M	19.175M	38.986M	19.32M
5240MHz	Pass	Inf	38.333M	19.175M	36.449M	19.392M
5260MHz	Pass	Inf	39.493M	19.175M	39.855M	19.392M
5300MHz	Pass	Inf	32.899M	19.103M	38.478M	19.247M
5320MHz	Pass	Inf	22.029M	19.03M	21.667M	19.03M
5500MHz	Pass	Inf	21.812M	19.103M	21.812M	19.03M
5580MHz	Pass	Inf	34.565M	19.175M	34.565M	19.103M
5700MHz	Pass	Inf	21.739M	19.03M	21.594M	19.03M
5745MHz	Pass	500k	18.913M	32.634M	18.768M	31.548M
5785MHz	Pass	500k	18.913M	33.285M	18.913M	30.318M
5825MHz	Pass	500k	18.986M	31.838M	18.913M	29.74M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.145M	37.482M	39.855M	37.482M
5230MHz	Pass	Inf	74.638M	37.771M	76.377M	37.916M
5270MHz	Pass	Inf	80.145M	37.771M	76.957M	37.916M
5310MHz	Pass	Inf	40M	37.482M	39.855M	37.482M
5510MHz	Pass	Inf	40.145M	37.627M	40M	37.627M
5590MHz	Pass	Inf	78.116M	37.916M	77.681M	37.771M
5670MHz	Pass	Inf	40.29M	37.627M	40M	37.482M
5755MHz	Pass	500k	37.681M	48.915M	37.536M	39.508M
5795MHz	Pass	500k	37.246M	69.465M	36.957M	62.808M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.159M	76.99M	80.87M	76.99M
5290MHz	Pass	Inf	81.449M	77.279M	80.87M	76.99M
5530MHz	Pass	Inf	82.029M	76.99M	81.739M	77.279M
5610MHz	Pass	Inf	124.928M	77.279M	99.13M	77.279M
5775MHz	Pass	500k	77.101M	77.279M	77.391M	77.279M

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)_2TX **EBW**

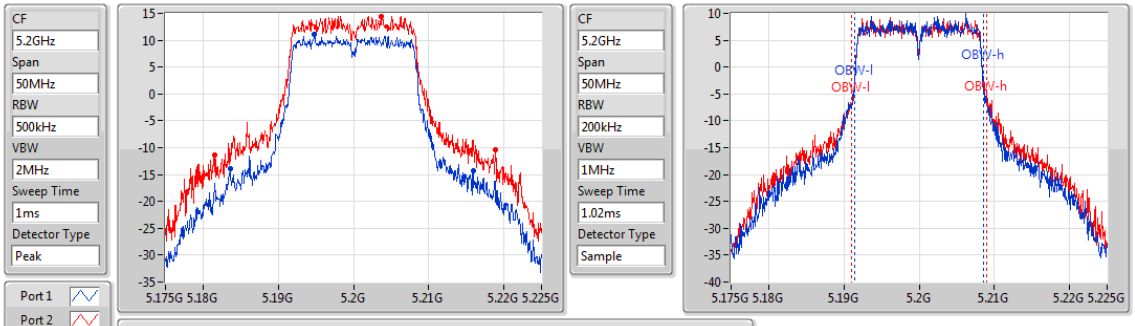
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.522M	5.169275G	5.190797G	16.643M	5.171679G	5.188321G	Inf	1
26.377M	5.166304G	5.192681G	16.715M	5.171606G	5.188321G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

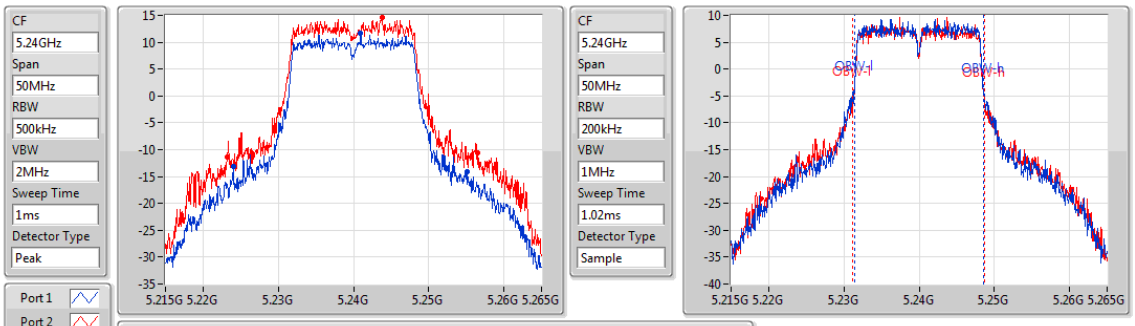
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.319M	5.183623G	5.215942G	17.149M	5.191389G	5.208538G	Inf	1
37.319M	5.181594G	5.218913G	18.017M	5.191027G	5.209045G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

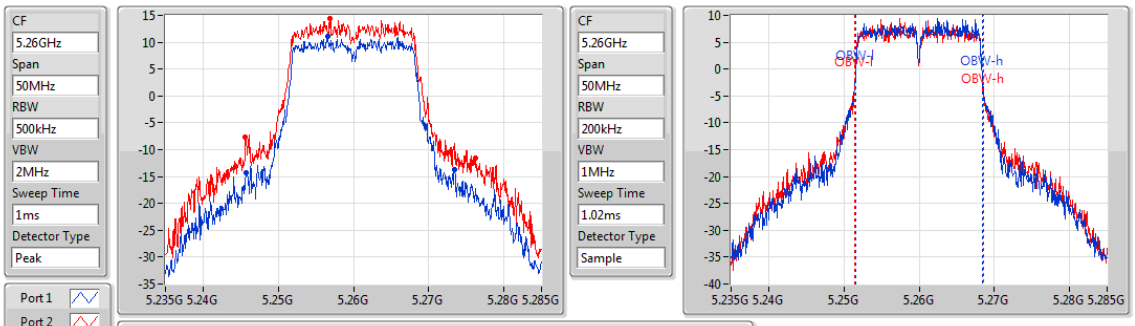
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.087M	5.223986G	5.255072G	17.221M	5.231389G	5.248611G	Inf	1
33.261M	5.223261G	5.256522G	17.511M	5.231172G	5.248683G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

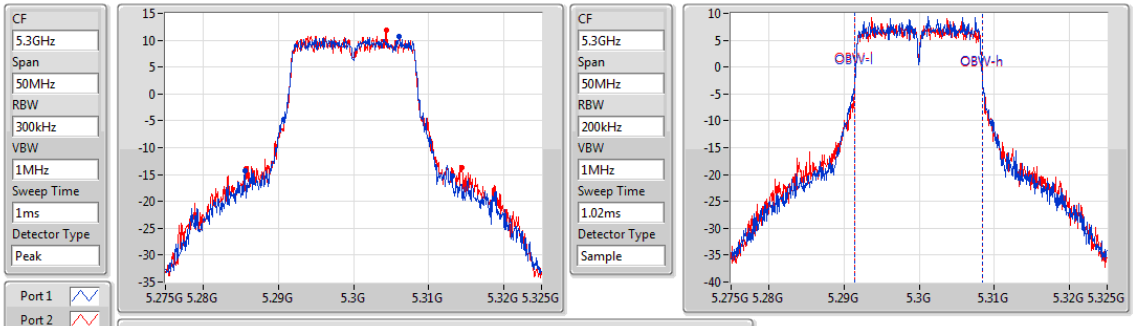
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.754M	5.245725G	5.273478G	16.932M	5.251534G	5.268466G	Inf	1
30.507M	5.245652G	5.276159G	17.149M	5.251389G	5.268538G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

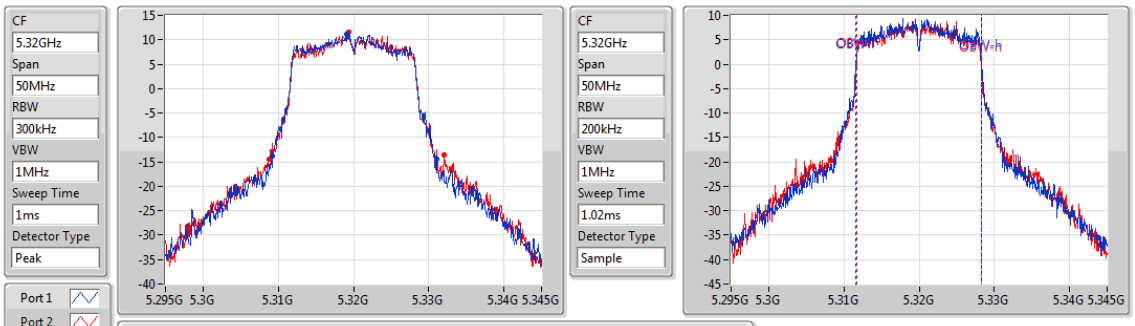
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.536M	5.28558G	5.313116G	16.932M	5.291462G	5.308394G	Inf	1
28.696M	5.285725G	5.31442G	17.004M	5.291462G	5.308466G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

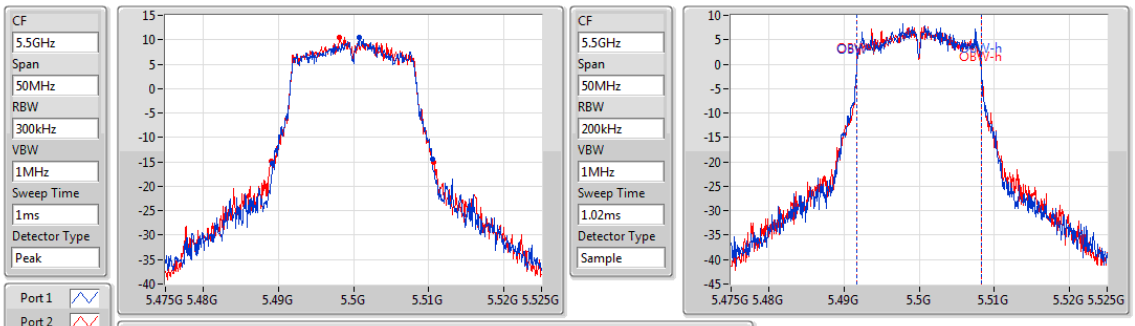
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.739M	5.309275G	5.331014G	16.715M	5.311606G	5.328321G	Inf	1
23.333M	5.308768G	5.332101G	16.643M	5.311679G	5.328321G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

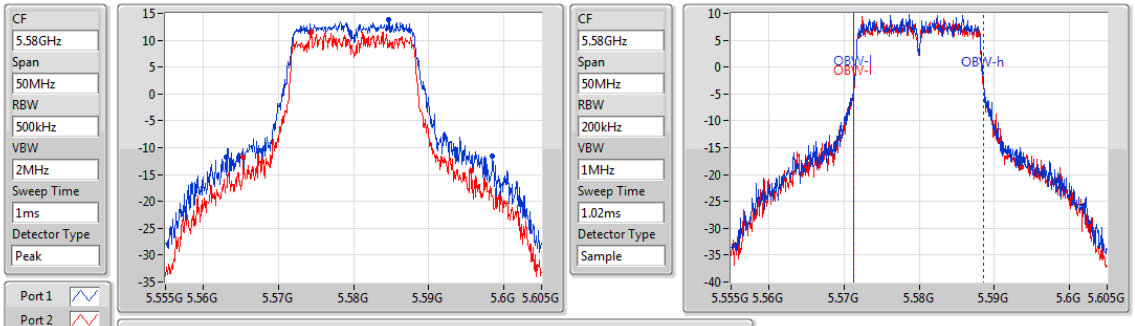
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.232M	5.489275G	5.510507G	16.57M	5.491679G	5.508249G	Inf	1
21.522M	5.48913G	5.510652G	16.643M	5.491679G	5.508321G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

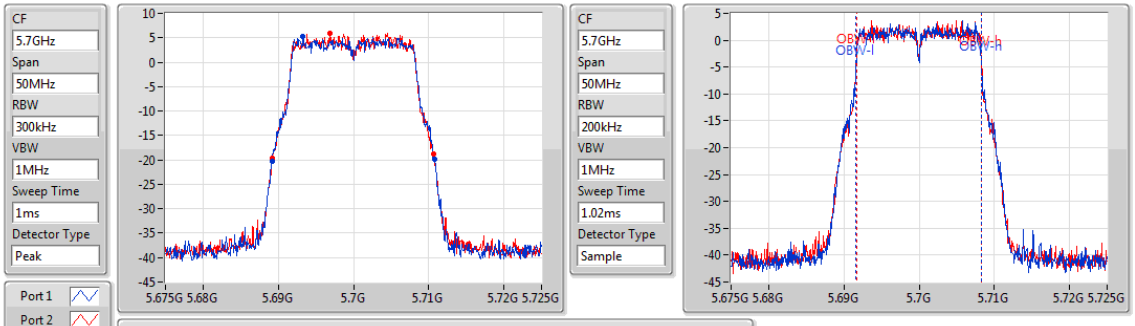
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.435M	5.563043G	5.598478G	17.294M	5.571317G	5.588611G	Inf	1
30.29M	5.565362G	5.595652G	17.294M	5.571317G	5.588611G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

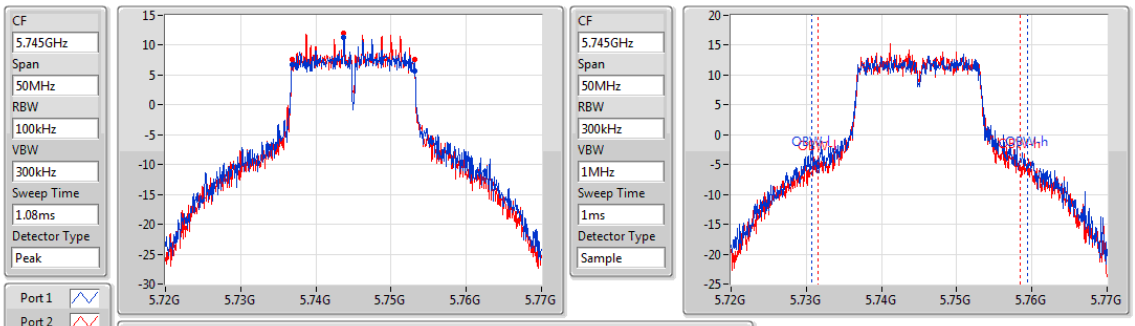
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.594M	5.689203G	5.710797G	16.715M	5.691606G	5.708321G	Inf	1
21.377M	5.689275G	5.710652G	16.643M	5.691679G	5.708321G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

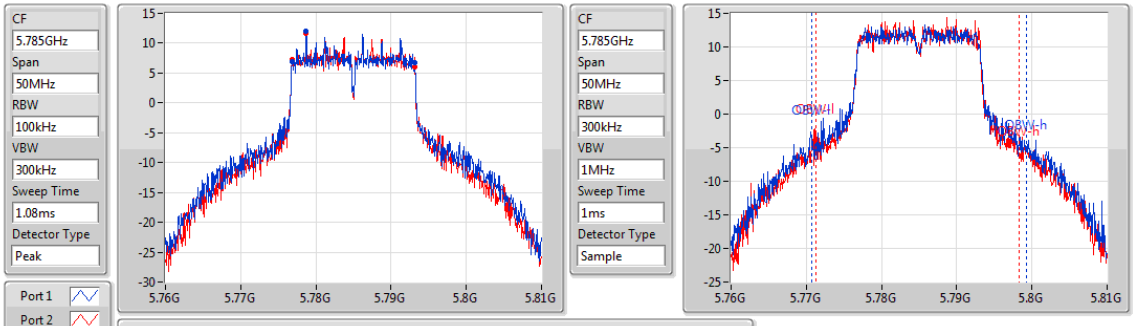
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.377M	5.736812G	5.753188G	28.726M	5.730673G	5.759399G	500k	1
16.304M	5.736812G	5.753116G	26.918M	5.731541G	5.758459G	500k	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

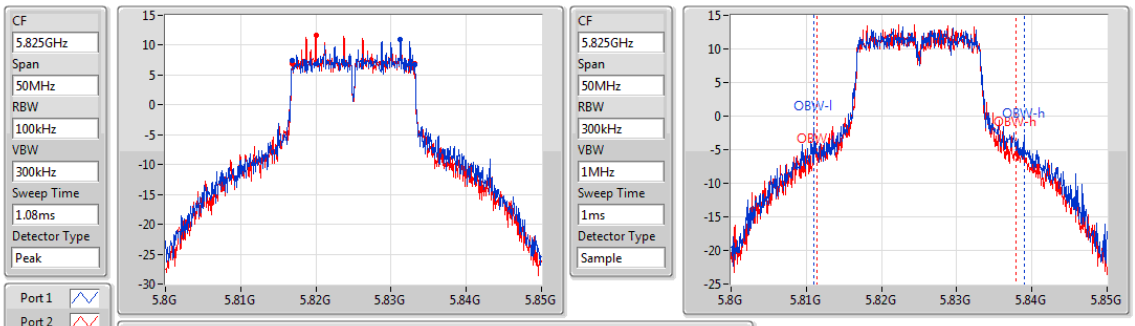
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.304M	5.776812G	5.793116G	28.582M	5.770673G	5.799255G	500k	1
16.377M	5.776812G	5.793188G	26.99M	5.771324G	5.798314G	500k	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

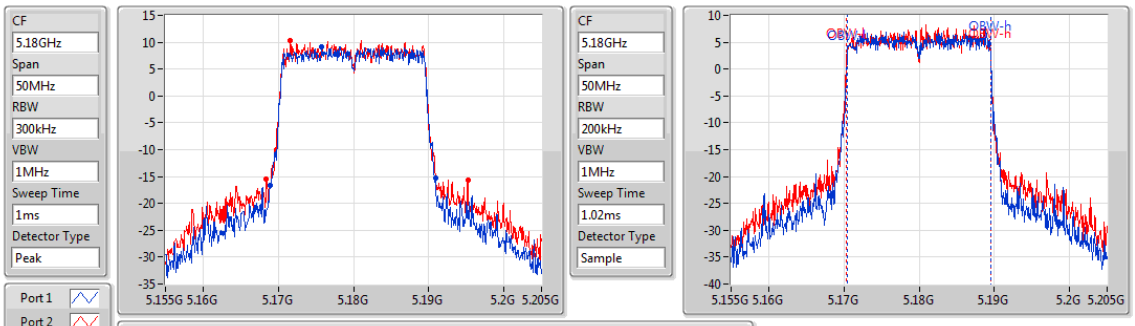
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.377M	5.816812G	5.833188G	27.931M	5.811035G	5.838965G	500k	1
16.304M	5.816812G	5.833116G	26.556M	5.811397G	5.837952G	500k	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX EBW

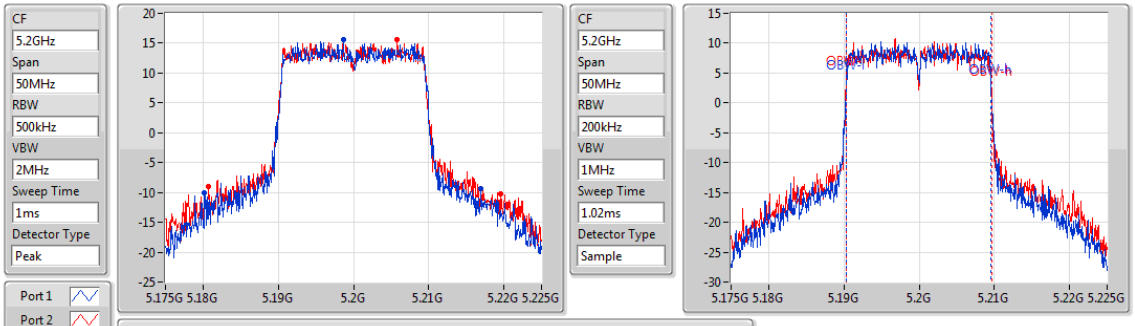
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.957M	5.168913G	5.19087G	19.03M	5.170449G	5.189479G	Inf	1
26.812M	5.168406G	5.195217G	19.103M	5.170376G	5.189479G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX EBW

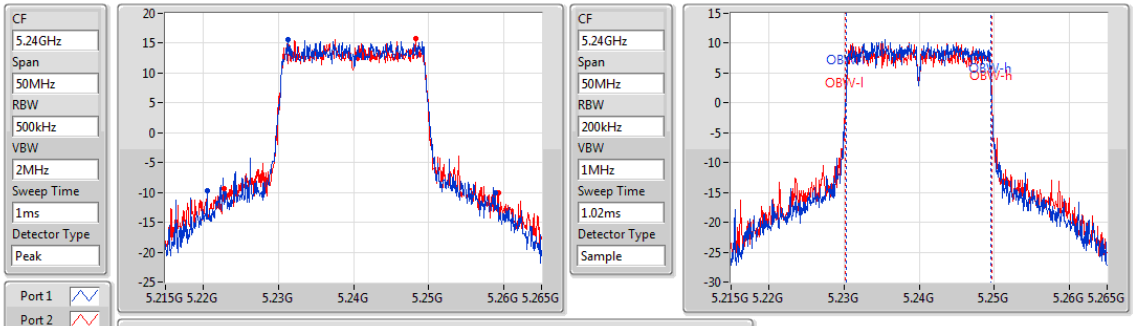
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.739M	5.180217G	5.216957G	19.175M	5.190376G	5.209551G	Inf	1
38.986M	5.180652G	5.219638G	19.32M	5.190304G	5.209624G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX EBW

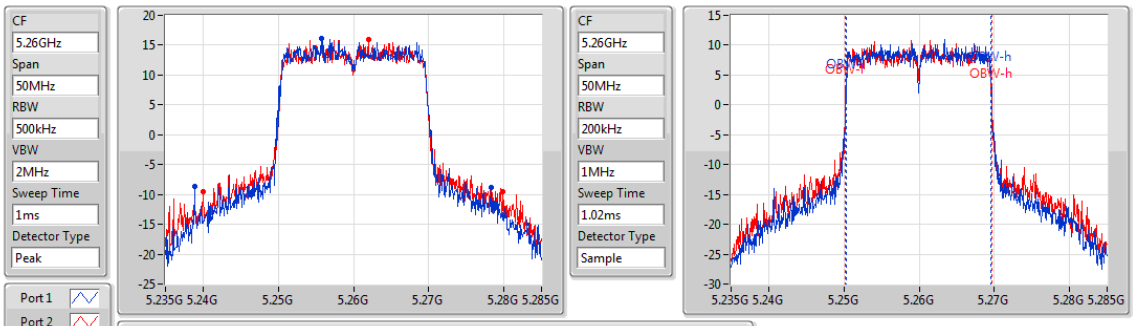
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.333M	5.220507G	5.258841G	19.175M	5.230376G	5.249551G	Inf	1
36.449M	5.222826G	5.259275G	19.392M	5.230232G	5.249624G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **EBW**

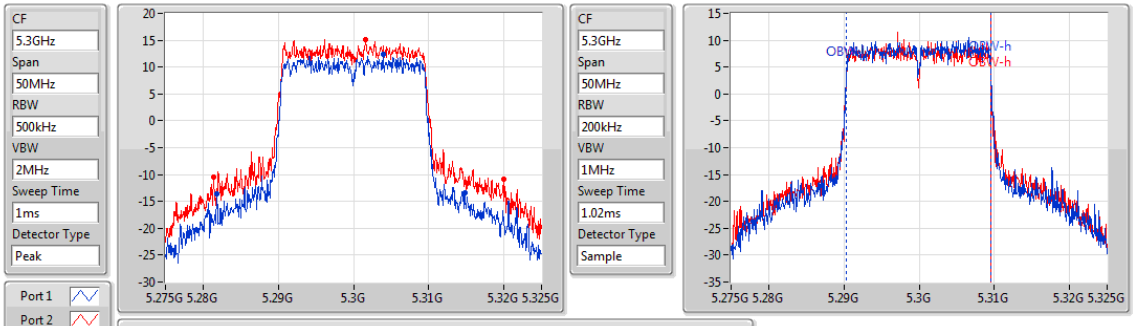
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.493M	5.238841G	5.278333G	19.175M	5.250376G	5.269551G	Inf	1
39.855M	5.24G	5.279855G	19.392M	5.250232G	5.269624G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **EBW**

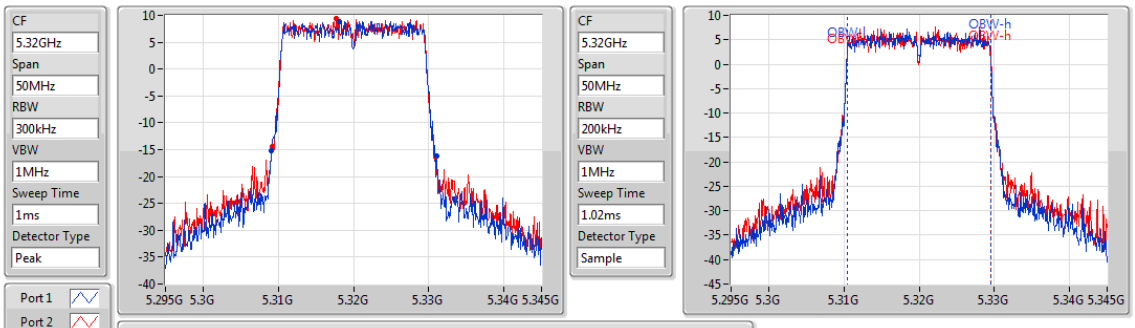
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
32.899M	5.281884G	5.314783G	19.103M	5.290376G	5.309479G	Inf	1
38.478M	5.281449G	5.319928G	19.247M	5.290304G	5.309551G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **EBW**

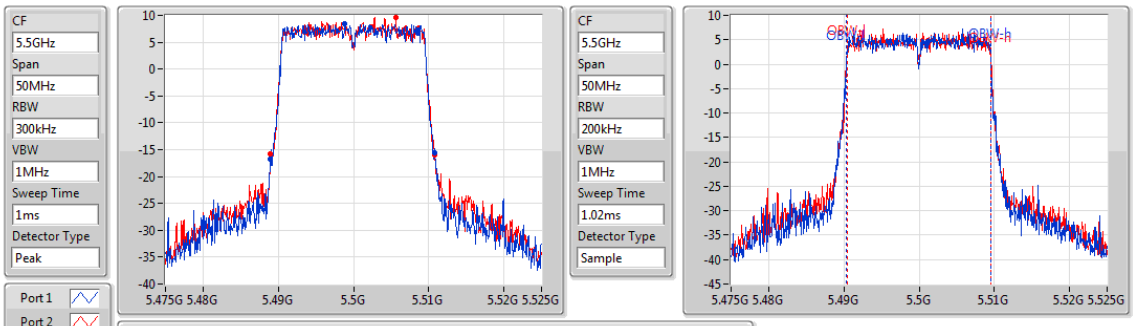
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.029M	5.309058G	5.331087G	19.03M	5.310449G	5.329479G	Inf	1
21.667M	5.309203G	5.33087G	19.03M	5.310449G	5.329479G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX EBW

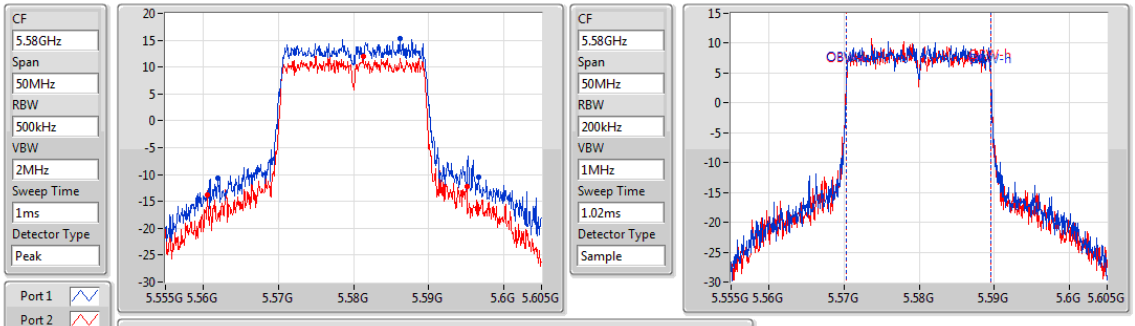
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.812M	5.488986G	5.510797G	19.103M	5.490376G	5.509479G	Inf	1
21.812M	5.488986G	5.510797G	19.03M	5.490449G	5.509479G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX EBW

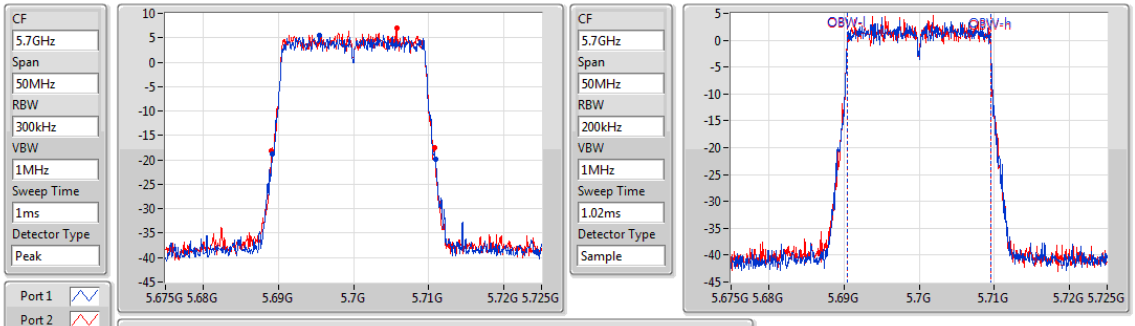
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.565M	5.562029G	5.596594G	19.175M	5.570376G	5.589551G	Inf	1
34.565M	5.560507G	5.595072G	19.103M	5.570376G	5.589479G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX EBW

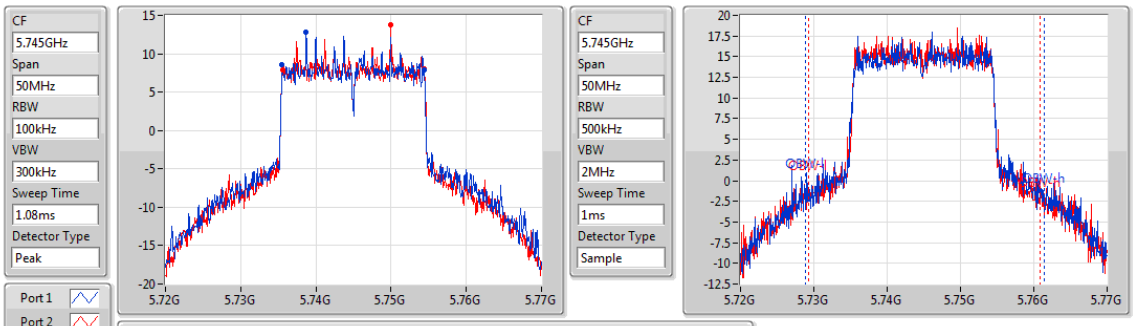
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.739M	5.689203G	5.710942G	19.03M	5.690449G	5.709479G	Inf	1
21.594M	5.68913G	5.710725G	19.03M	5.690449G	5.709479G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **EBW**

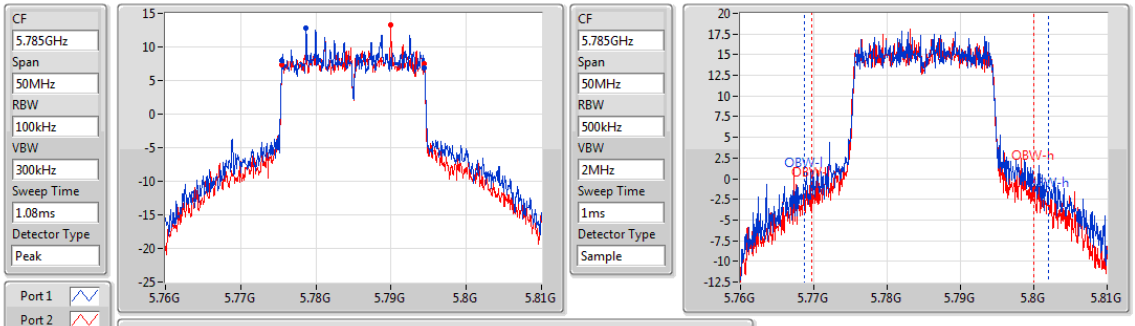
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.913M	5.735507G	5.75442G	32.634M	5.728792G	5.761425G	500k	1
18.768M	5.735652G	5.75442G	31.548M	5.729298G	5.760847G	500k	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **EBW**

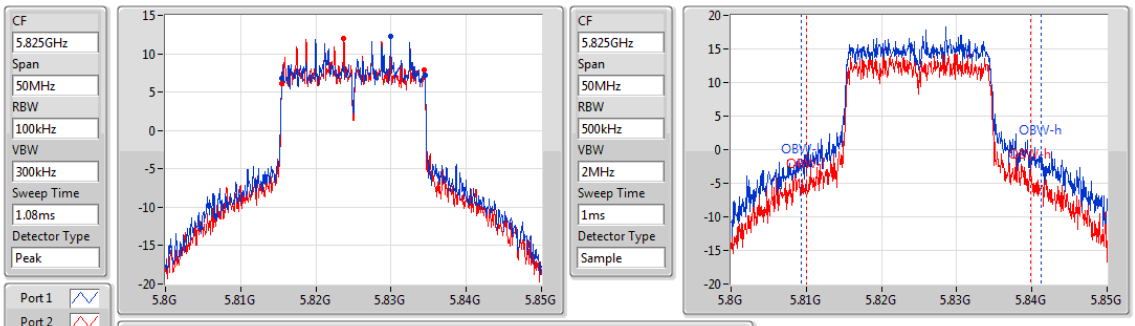
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.913M	5.775507G	5.79442G	33.285M	5.768647G	5.801932G	500k	1
18.913M	5.775507G	5.79442G	30.318M	5.769732G	5.800051G	500k	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **EBW**

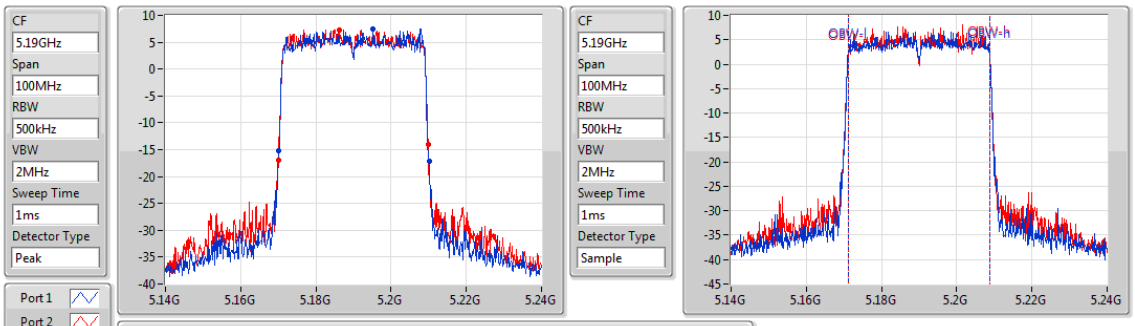
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.986M	5.815507G	5.834493G	31.838M	5.80937G	5.841208G	500k	1
18.913M	5.815507G	5.83442G	29.74M	5.810094G	5.839834G	500k	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

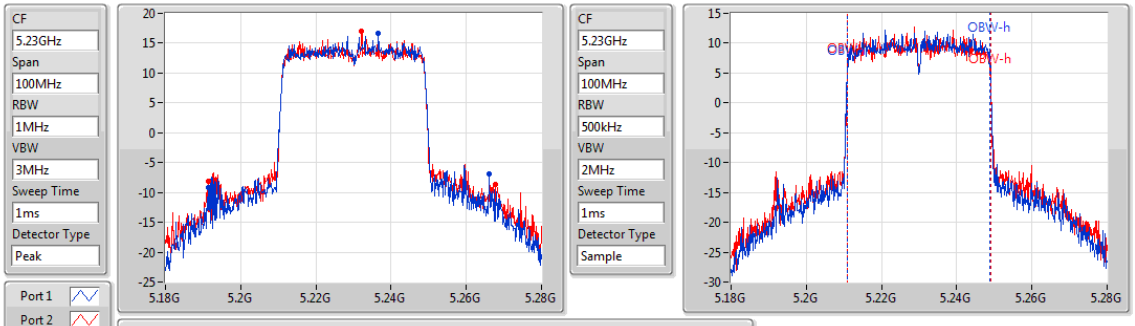
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.145M	5.17G	5.210145G	37.482M	5.171187G	5.208669G	Inf	1
39.855M	5.17G	5.209855G	37.482M	5.171187G	5.208669G	Inf	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

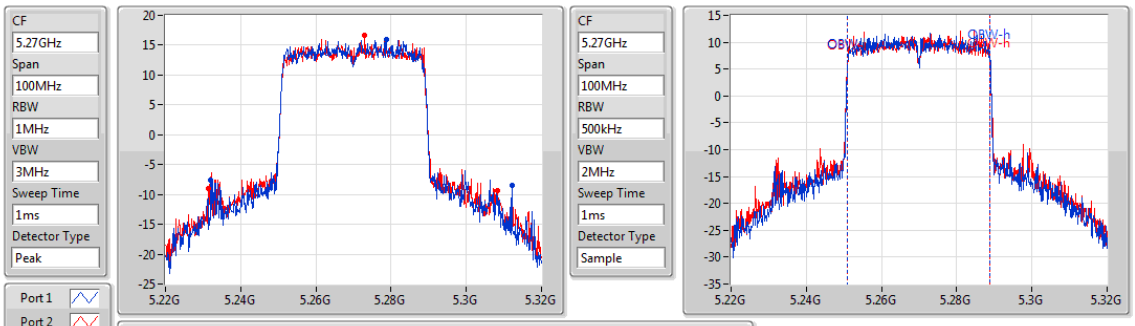
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.638M	5.191449G	5.266087G	37.771M	5.211042G	5.248813G	Inf	1
76.377M	5.191449G	5.267826G	37.916M	5.211042G	5.248958G	Inf	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

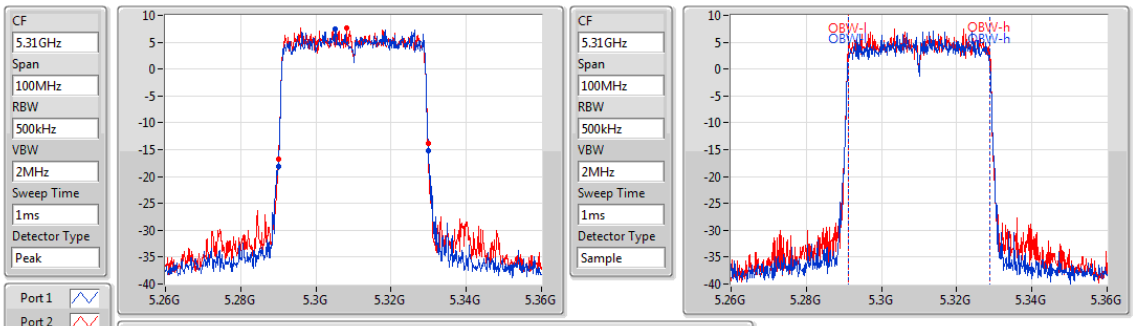
5270MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.145M	5.232029G	5.312174G	37.771M	5.251042G	5.288813G	Inf	1
76.957M	5.231304G	5.308261G	37.916M	5.250897G	5.288813G	Inf	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

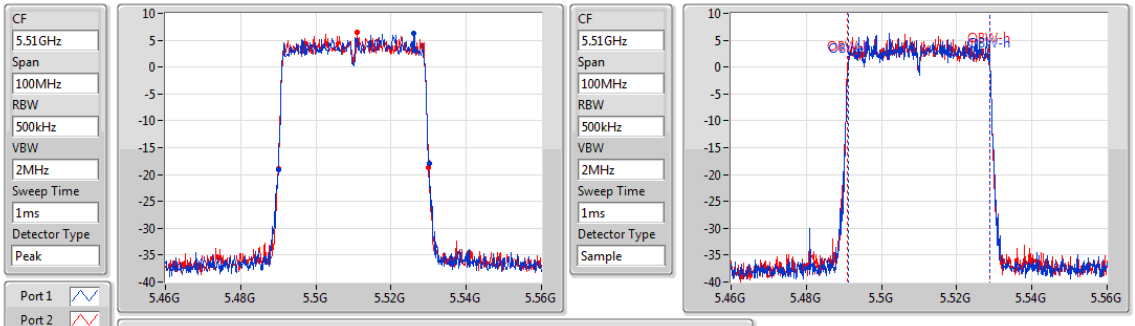
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.29G	5.33G	37.482M	5.291187G	5.328669G	Inf	1
39.855M	5.29G	5.329855G	37.482M	5.291187G	5.328669G	Inf	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

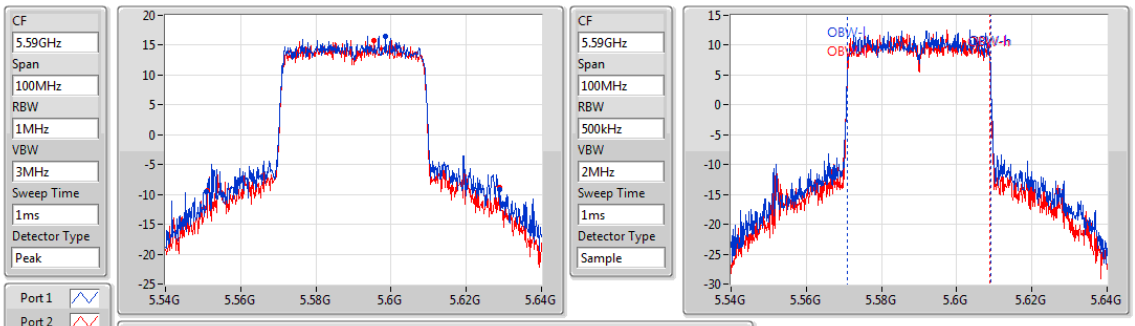
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.145M	5.49G	5.530145G	37.627M	5.491187G	5.528813G	Inf	1
40M	5.49G	5.53G	37.627M	5.491042G	5.528669G	Inf	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

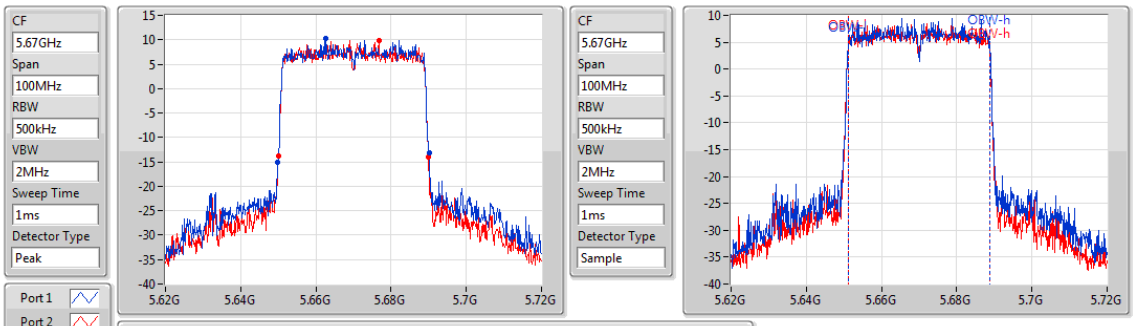
5590MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
78.116M	5.55087G	5.628986G	37.916M	5.571042G	5.608958G	Inf	1
77.681M	5.551159G	5.628841G	37.771M	5.571042G	5.608813G	Inf	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

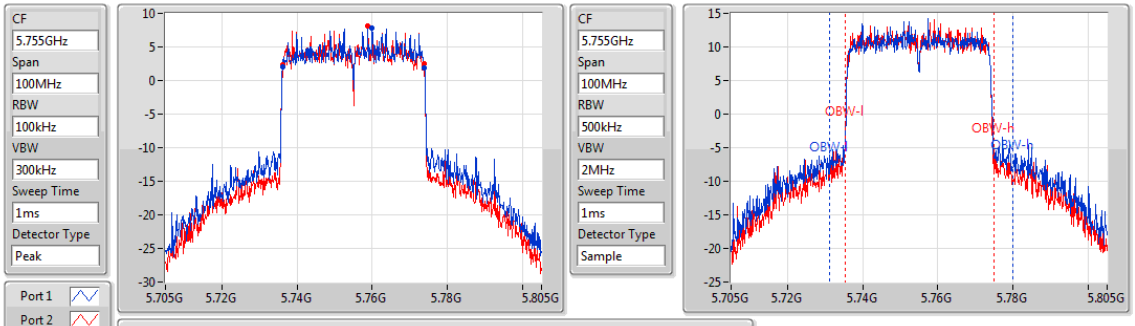
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.29M	5.649855G	5.690145G	37.627M	5.651187G	5.688813G	Inf	1
40M	5.65G	5.69G	37.482M	5.651187G	5.688669G	Inf	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

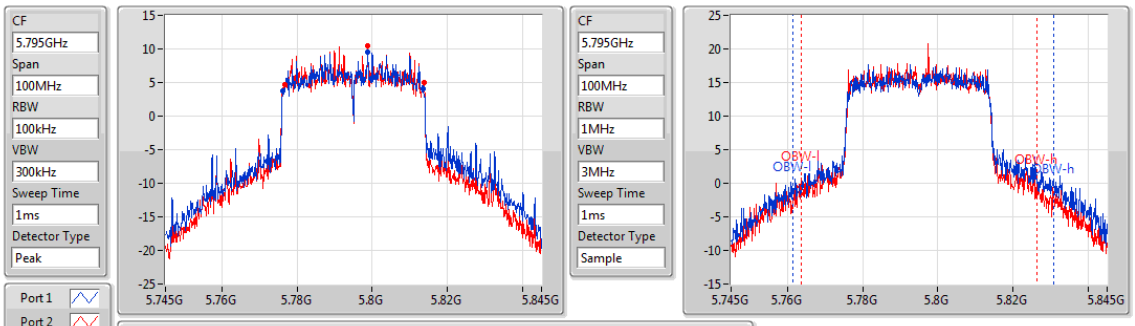
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.681M	5.736159G	5.773841G	48.915M	5.731122G	5.780036G	500k	1
37.536M	5.736159G	5.773696G	39.508M	5.735463G	5.774971G	500k	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX EBW

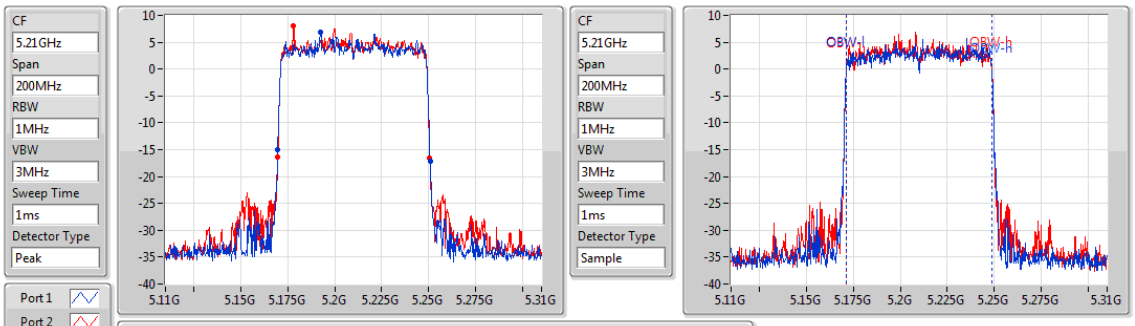
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.246M	5.776304G	5.813551G	69.465M	5.761425G	5.83089G	500k	1
36.957M	5.776739G	5.813696G	62.808M	5.763596G	5.826404G	500k	2

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX EBW

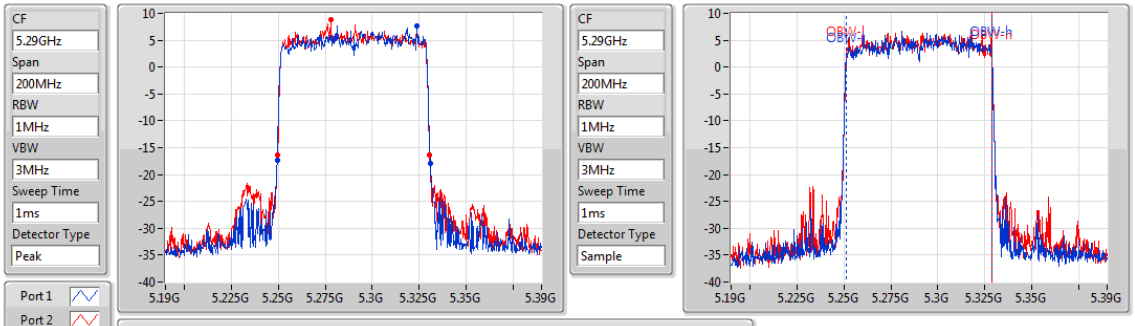
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.159M	5.16971G	5.25087G	76.99M	5.171505G	5.248495G	Inf	1
80.87M	5.16971G	5.25058G	76.99M	5.171505G	5.248495G	Inf	2

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX EBW

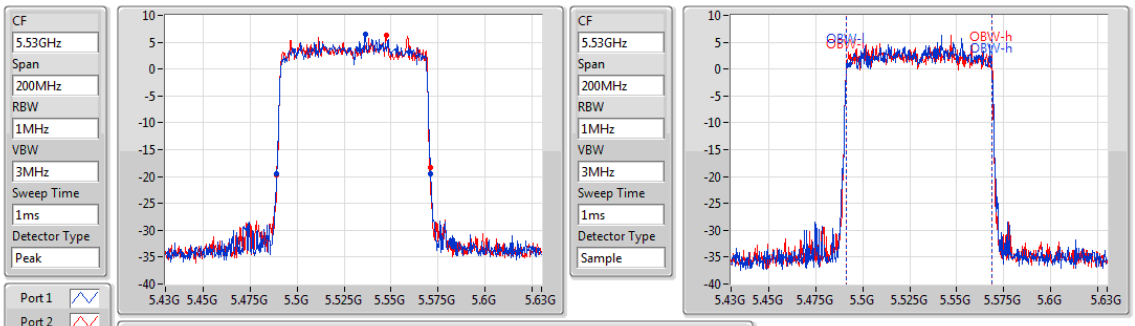
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.449M	5.24942G	5.33087G	77.279M	5.251216G	5.328495G	Inf	1
80.87M	5.24971G	5.33058G	76.99M	5.251505G	5.328495G	Inf	2

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX EBW

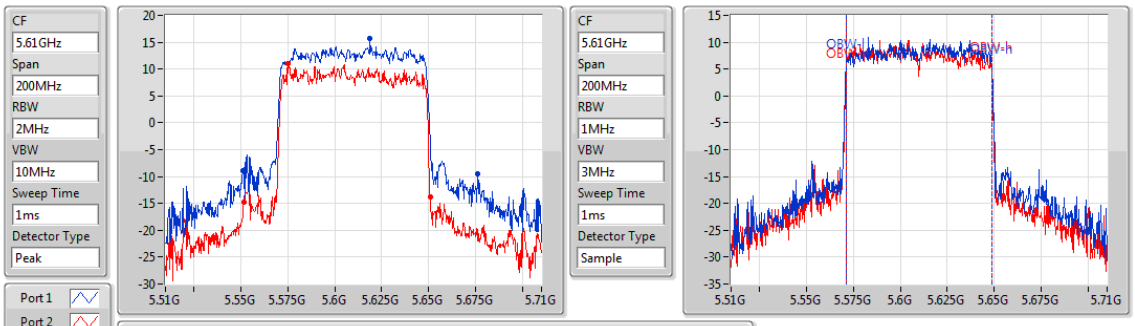
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.029M	5.48913G	5.571159G	76.99M	5.491505G	5.568495G	Inf	1
81.739M	5.48913G	5.57087G	77.279M	5.491505G	5.568784G	Inf	2

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **EBW**

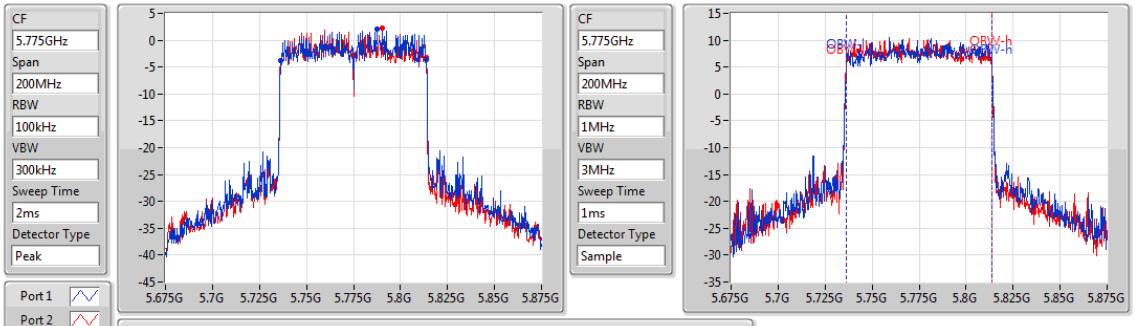
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
124.928M	5.551159G	5.676087G	77.279M	5.571216G	5.648495G	Inf	1
99.13M	5.551739G	5.65087G	77.279M	5.571216G	5.648495G	Inf	2

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **EBW**

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.101M	5.736449G	5.813551G	77.279M	5.736505G	5.813784G	500k	1
77.391M	5.736159G	5.813551G	77.279M	5.736216G	5.813495G	500k	2

Ambient Condition	24°C / 66%	Tested By	Aska Huang

Straddle channels
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.478M	13.936M	13M9D1D	19.652M	13.719M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	24.696M	14.674M	14M7D1D	23.652M	14.631M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	53.971M	34.139M	34M1D1D	53.768M	33.936M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	126.304M	73.589M	73M6D1D	126.304M	73.589M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.13M	7.41M	7M41D1D	3.13M	7.178M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	4.522M	8.741M	8M74D1D	4.406M	8.567M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	3.768M	23.444M	23M4D1D	3.71M	22.229M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	3.884M	34.096M	34M1D1D	3.768M	32.359M

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;

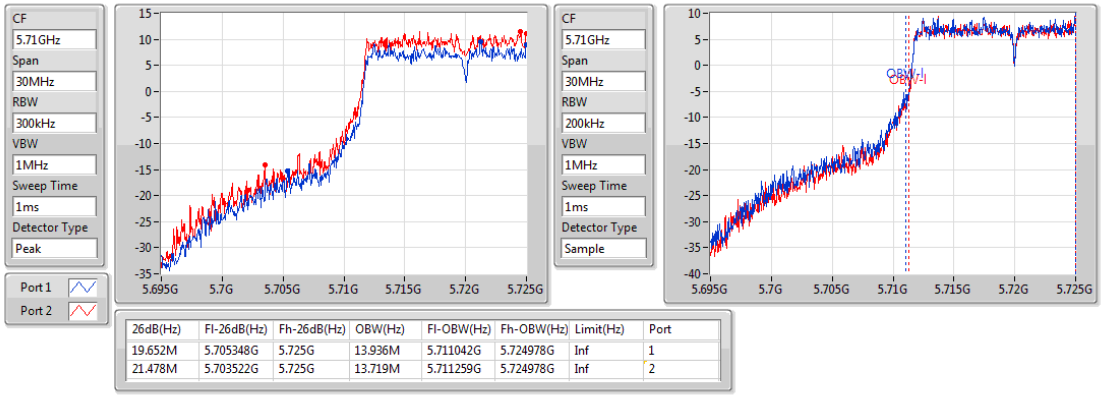
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.652M	13.936M	21.478M	13.719M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.13M	7.41M	3.13M	7.178M
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	24.696M	14.674M	23.652M	14.631M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.522M	8.567M	4.406M	8.741M
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	53.971M	34.139M	53.768M	33.936M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.768M	23.444M	3.71M	22.229M
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	126.304M	73.589M	126.304M	73.589M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.884M	34.096M	3.768M	32.359M

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)_2TX **EBW**

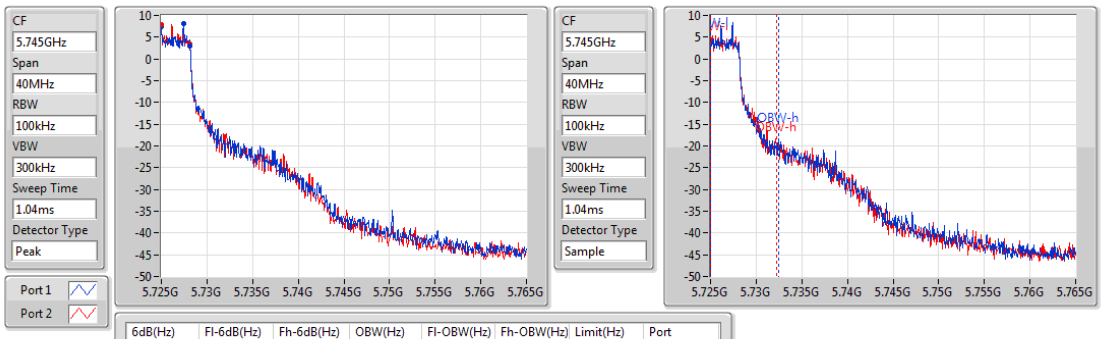
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.652M	5.705348G	5.725G	13.936M	5.711042G	5.724978G	Inf	1
21.478M	5.703522G	5.725G	13.719M	5.711259G	5.724978G	Inf	2

802.11a_Nss1,(6Mbps)_2TX **EBW**

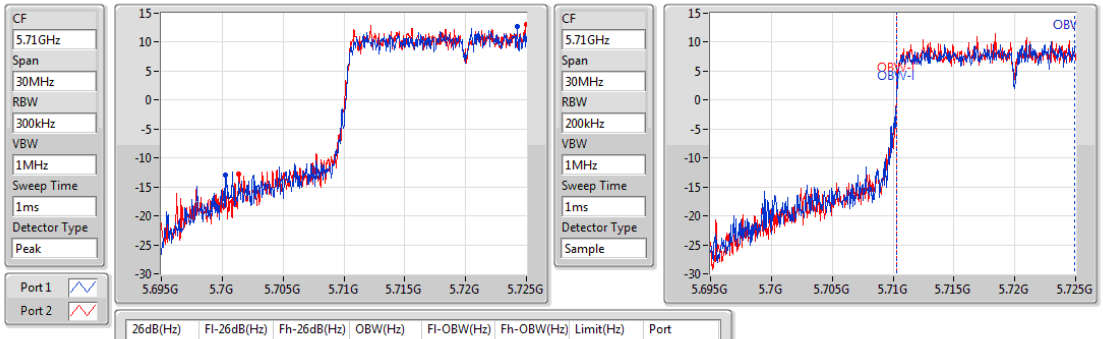
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.13M	5.725G	5.72813G	7.41M	5.725029G	5.732438G	500k	1
3.13M	5.725G	5.72813G	7.178M	5.725029G	5.732207G	500k	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **EBW**

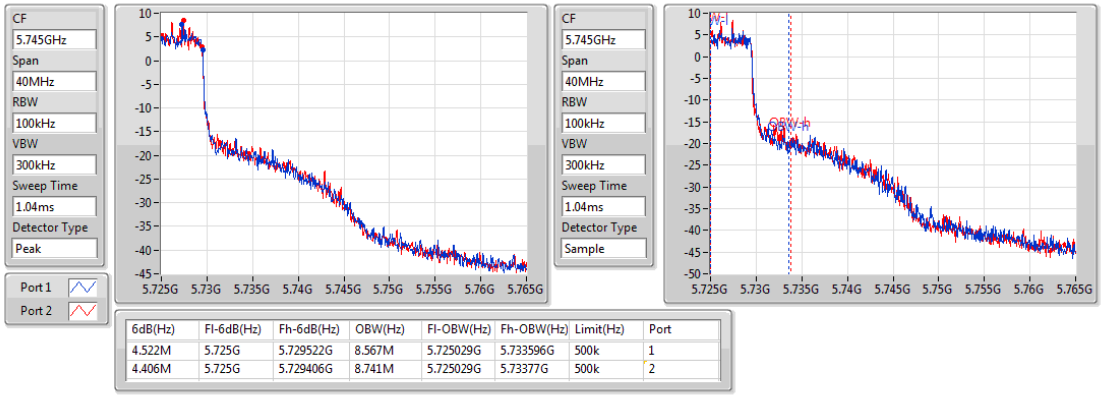
5720MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.696M	5.700304G	5.725G	14.674M	5.71026G	5.724935G	Inf	1
23.652M	5.701348G	5.725G	14.631M	5.710304G	5.724935G	Inf	2

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **EBW**

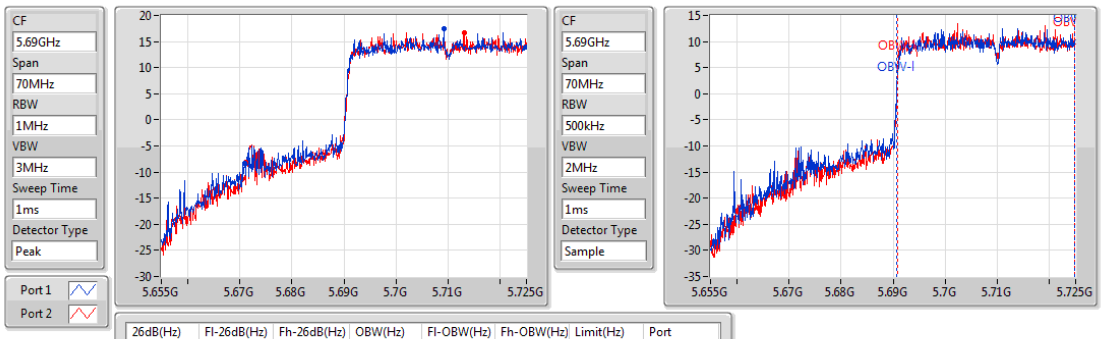
5720MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.522M	5.725G	5.729522G	8.567M	5.725029G	5.733596G	500k	1
4.406M	5.725G	5.729406G	8.741M	5.725029G	5.73377G	500k	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **EBW**

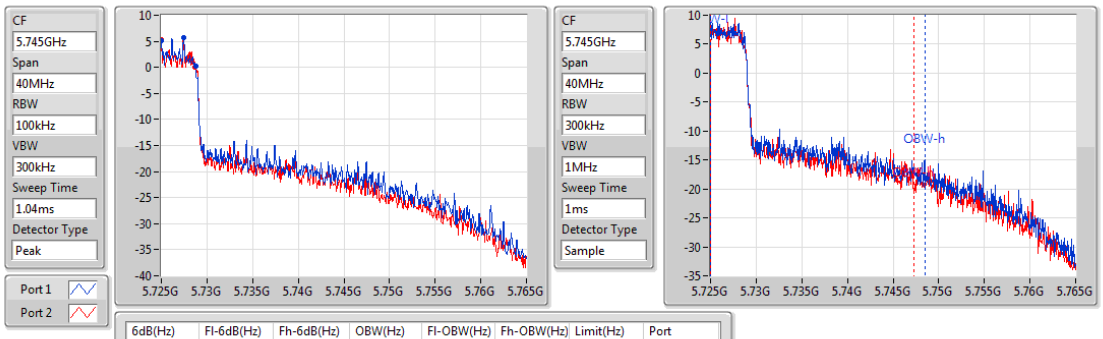
5710MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
53.971M	5.671029G	5.725G	34.139M	5.690709G	5.724848G	Inf	1
53.768M	5.671232G	5.725G	33.936M	5.690912G	5.724848G	Inf	2

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **EBW**

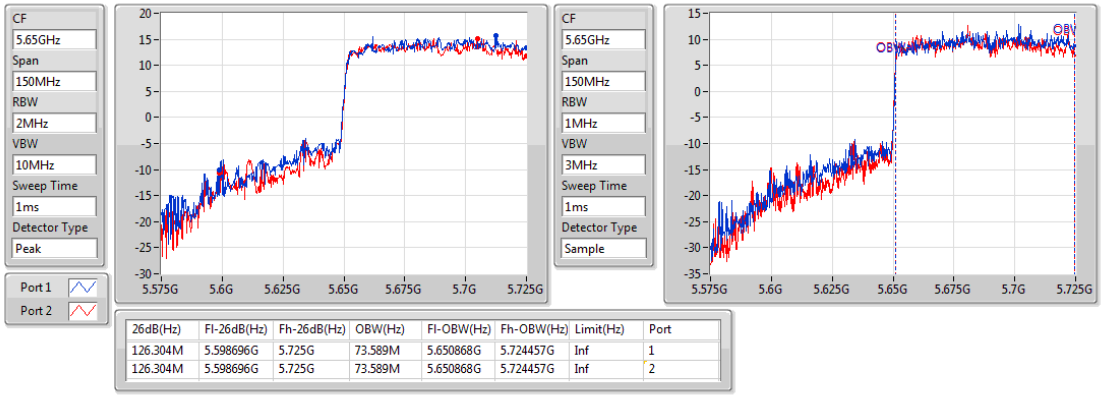
5710MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.768M	5.725G	5.728768G	23.444M	5.725029G	5.748473G	500k	1
3.71M	5.725G	5.72871G	22.229M	5.725029G	5.747258G	500k	2

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **EBW**

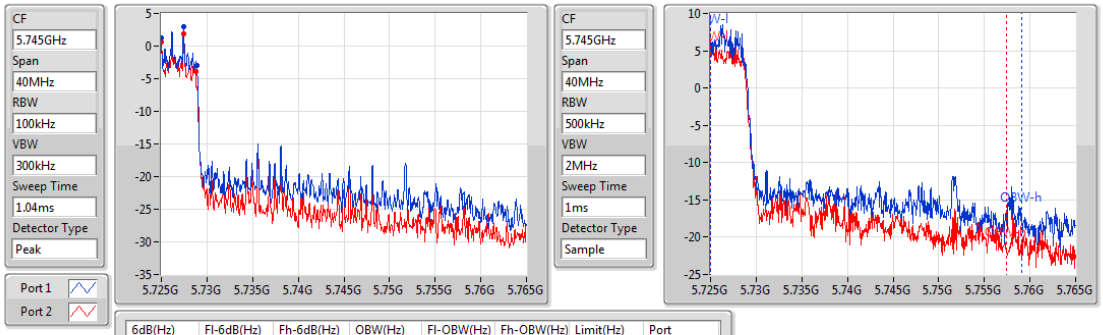
5690MHz Straddle 5.47-5.725GHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
126.304M	5.598696G	5.725G	73.589M	5.650868G	5.724457G	Inf	1
126.304M	5.598696G	5.725G	73.589M	5.650868G	5.724457G	Inf	2

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **EBW**

5690MHz Straddle 5.725-5.85GHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.884M	5.725G	5.728884G	34.096M	5.725029G	5.759124G	500k	1
3.768M	5.725G	5.728768G	32.359M	5.725029G	5.757388G	500k	2

3.3 RF Output Power

3.3.1 Limit of RF Output Power

Frequency band 5150-5250 MHz		
Operating Mode		**Limit**
☐	Outdoor access point	Conducted Power: 1 W The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm)
☐	Indoor access point	Conducted Power: 1 W
☐	Fixed point-to-point access points	Conducted Power: 1 W
☒	Client devices	Conducted Power: 250 mW

Frequency Band (MHz)		**Limit**
☒	5250 ~ 5350	Conducted Power: 250mW or 11dBm+10 log B
☒	5470 ~ 5725	Conducted Power: 250mW or 11dBm+10 log B
☒	5725 ~ 5850	Conducted Power: 1 W
Note: “B” is the 26dB emission bandwidth in MHz.		

3.3.2 Test Procedures

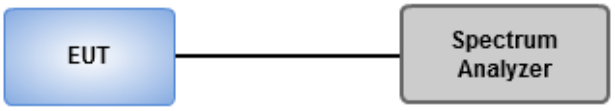
Method PM-G (Measurement using a gated RF average power meter)

Measurements is performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Spectrum analyzer (For channel that extends across the 5.725 GHz boundary)

1. Set RBW = 1MHz, VBW = 3MHz, Sweep time = Auto, Detector = RMS.
2. Trace average at least 100 traces in power averaging mode.
3. Compute power by integrating the spectrum across the 26 dB EBW.
4. Add 10 log(1/X, X:duty cycle) if duty cycle is <98%).

3.3.3 Test Setup



3.3.4 Test Result of Maximum Conducted Output Power

Ambient Condition	23-24°C / 64-66%	Tested By	Aska Huang

Non-beamforming

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.01	0.19999	26.85	0.48417
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	23.09	0.20370	26.93	0.49317
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	22.74	0.18793	26.58	0.45499
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	17.18	0.05224	21.02	0.12647
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.63	0.18323	26.47	0.44361
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	22.92	0.19588	26.76	0.47424
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	22.70	0.18621	26.54	0.45082
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	17.97	0.06266	21.81	0.15171
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.06	0.20230	26.90	0.48978
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	22.89	0.19454	26.73	0.47098
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	23.22	0.20989	27.06	0.50816
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	22.02	0.15922	25.86	0.38548
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.57	0.36058	29.41	0.87297
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	25.77	0.37757	29.61	0.91411
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	25.71	0.37239	29.55	0.90157
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	22.04	0.15996	25.88	0.38726

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.84	18.55	18.51	21.54	24.00	25.38	30.00
5200MHz	Pass	3.84	20.02	19.87	22.96	24.00	26.80	30.00
5240MHz	Pass	3.84	20.05	19.95	23.01	24.00	26.85	30.00
5260MHz	Pass	3.84	19.72	19.51	22.63	24.00	26.47	30.00
5300MHz	Pass	3.84	19.61	19.52	22.58	24.00	26.42	30.00
5320MHz	Pass	3.84	19.08	18.92	22.01	24.00	25.85	30.00
5500MHz	Pass	3.84	17.85	17.79	20.83	24.00	24.67	30.00
5580MHz	Pass	3.84	20.13	19.96	23.06	24.00	26.90	30.00
5700MHz	Pass	3.84	14.45	14.58	17.53	24.00	21.37	30.00
5745MHz	Pass	3.84	22.61	22.51	25.57	30.00	29.41	36.00
5785MHz	Pass	3.84	22.54	22.21	25.39	30.00	29.23	36.00
5825MHz	Pass	3.84	22.36	22.03	25.21	30.00	29.05	36.00
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.84	17.87	17.82	20.86	24.00	24.70	30.00
5200MHz	Pass	3.84	20.12	20.02	23.08	24.00	26.92	30.00
5240MHz	Pass	3.84	20.15	20.01	23.09	24.00	26.93	30.00
5260MHz	Pass	3.84	20.05	19.77	22.92	24.00	26.76	30.00
5300MHz	Pass	3.84	20.07	19.68	22.89	24.00	26.73	30.00
5320MHz	Pass	3.84	17.41	17.36	20.40	24.00	24.24	30.00
5500MHz	Pass	3.84	16.34	16.42	19.39	24.00	23.23	30.00
5580MHz	Pass	3.84	20.03	19.72	22.89	24.00	26.73	30.00
5700MHz	Pass	3.84	13.93	13.92	16.94	24.00	20.78	30.00
5745MHz	Pass	3.84	22.71	22.81	25.77	30.00	29.61	36.00
5785MHz	Pass	3.84	22.7	22.49	25.61	30.00	29.45	36.00
5825MHz	Pass	3.84	22.45	22.15	25.31	30.00	29.15	36.00
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.84	14.61	14.58	17.61	24.00	21.45	30.00
5230MHz	Pass	3.84	20.05	19.38	22.74	24.00	26.58	30.00
5270MHz	Pass	3.84	19.86	19.51	22.70	24.00	26.54	30.00
5310MHz	Pass	3.84	14.86	14.99	17.94	24.00	21.78	30.00
5510MHz	Pass	3.84	13.61	13.42	16.53	24.00	20.37	30.00
5590MHz	Pass	3.84	20.51	19.88	23.22	24.00	27.06	30.00
5670MHz	Pass	3.84	17.15	16.67	19.93	24.00	23.77	30.00
5755MHz	Pass	3.84	21.28	21.11	24.21	30.00	28.05	36.00
5795MHz	Pass	3.84	22.88	22.52	25.71	30.00	29.55	36.00
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.84	14.11	14.22	17.18	24.00	21.02	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5290MHz	Pass	3.84	14.98	14.93	17.97	24.00	21.81	30.00
5530MHz	Pass	3.84	13.63	13.29	16.47	24.00	20.31	30.00
5610MHz	Pass	3.84	19.22	18.79	22.02	24.00	25.86	30.00
5775MHz	Pass	3.84	19.29	18.75	22.04	30.00	25.88	36.00

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

Beamforming

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	20.08	0.10186	26.92	0.49204
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	19.73	0.09397	26.57	0.45394
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	14.17	0.02612	21.01	0.12618
5.25-5.35GHz	-	-	-	-
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	19.91	0.09795	26.75	0.47315
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	19.69	0.09311	26.53	0.44978
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	14.96	0.03133	21.80	0.15136
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	19.88	0.09727	26.72	0.46989
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	20.21	0.10495	27.05	0.50699
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	19.01	0.07962	25.85	0.38459
5.725-5.85GHz	-	-	-	-
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	22.76	0.18880	29.60	0.91201
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	22.70	0.18621	29.54	0.89950
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	19.03	0.07998	25.87	0.38637

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	14.86	14.81	17.85	23.16	24.69	30.00
5200MHz	Pass	6.84	17.11	17.01	20.07	23.16	26.91	30.00
5240MHz	Pass	6.84	17.14	17	20.08	23.16	26.92	30.00
5260MHz	Pass	6.84	17.04	16.76	19.91	23.16	26.75	30.00
5300MHz	Pass	6.84	17.06	16.67	19.88	23.16	26.72	30.00
5320MHz	Pass	6.84	14.4	14.35	17.39	23.16	24.23	30.00
5500MHz	Pass	6.84	13.33	13.41	16.38	23.16	23.22	30.00
5580MHz	Pass	6.84	17.02	16.71	19.88	23.16	26.72	30.00
5700MHz	Pass	6.84	10.92	10.91	13.93	23.16	20.77	30.00
5745MHz	Pass	6.84	19.7	19.8	22.76	29.16	29.60	36.00
5785MHz	Pass	6.84	19.69	19.48	22.60	29.16	29.44	36.00
5825MHz	Pass	6.84	19.44	19.14	22.30	29.16	29.14	36.00
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.84	11.6	11.57	14.60	23.16	21.44	30.00
5230MHz	Pass	6.84	17.04	16.37	19.73	23.16	26.57	30.00
5270MHz	Pass	6.84	16.85	16.5	19.69	23.16	26.53	30.00
5310MHz	Pass	6.84	11.85	11.98	14.93	23.16	21.77	30.00
5510MHz	Pass	6.84	10.6	10.41	13.52	23.16	20.36	30.00
5590MHz	Pass	6.84	17.5	16.87	20.21	23.16	27.05	30.00
5670MHz	Pass	6.84	14.14	13.66	16.92	23.16	23.76	30.00
5755MHz	Pass	6.84	18.27	18.1	21.20	29.16	28.04	36.00
5795MHz	Pass	6.84	19.87	19.51	22.70	29.16	29.54	36.00
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.84	11.1	11.21	14.17	23.16	21.01	30.00
5290MHz	Pass	6.84	11.97	11.92	14.96	23.16	21.80	30.00
5530MHz	Pass	6.84	10.62	10.28	13.46	23.16	20.30	30.00
5610MHz	Pass	6.84	16.21	15.78	19.01	23.16	25.85	30.00
5775MHz	Pass	6.84	16.28	15.74	19.03	29.16	25.87	36.00

DG = Directional Gain=10 * log((10$^{3.84/20}$+10$^{3.82/20}$)^2/2=6.84 dBi

For 5.15 ~ 5.25 GHz / 5.25 ~ 5.35 GHz / 5.47 ~ 5.725 GHz

Limit shall be reduced to 24 dBm – (6.84 dBi – 6 dBi) = 23.16 dBm

For 5.725 ~ 5.85 GHz

Limit shall be reduced to 30 dBm – (6.84 dBi – 6 dBi) = 29.16 dBm

PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

Ambient Condition	24°C / 66%	Tested By	Aska Huang

Non-beamforming

Straddle channels

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.99	0.15812	25.83	0.38282
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	22.02	0.15922	25.86	0.38548
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	23.51	0.22439	27.35	0.54325
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	23.36	0.21677	27.20	0.52481
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	15.98	0.03963	19.82	0.09594
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	16.93	0.04932	20.77	0.11940
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	13.89	0.02449	17.73	0.05929
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	9.99	0.00998	13.83	0.02415

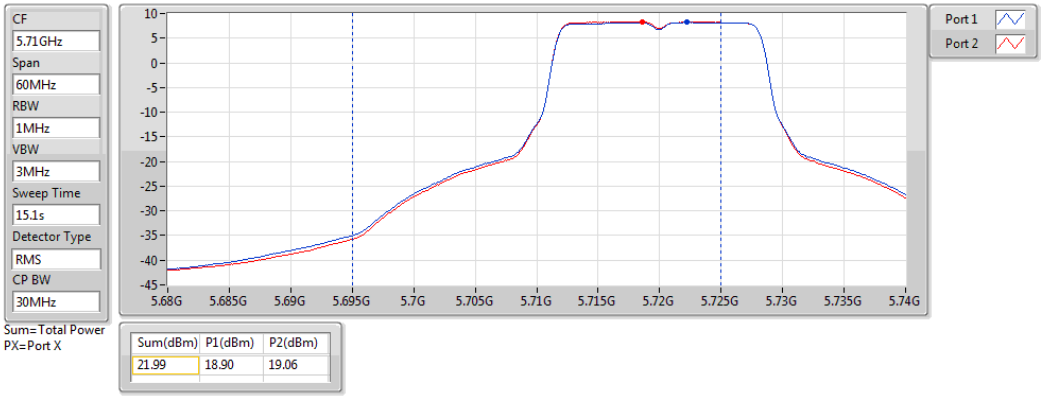
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	18.90	19.06	21.99	23.93	25.83	29.93
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	13.01	12.92	15.98	30.00	19.82	36.00
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	18.85	19.17	22.02	24.00	25.86	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	13.81	14.02	16.93	30.00	20.77	36.00
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	20.54	20.45	23.51	24.00	27.35	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	10.99	10.77	13.89	30.00	17.73	36.00
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	20.57	20.12	23.36	24.00	27.20	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	7.50	6.39	9.99	30.00	13.83	36.00

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

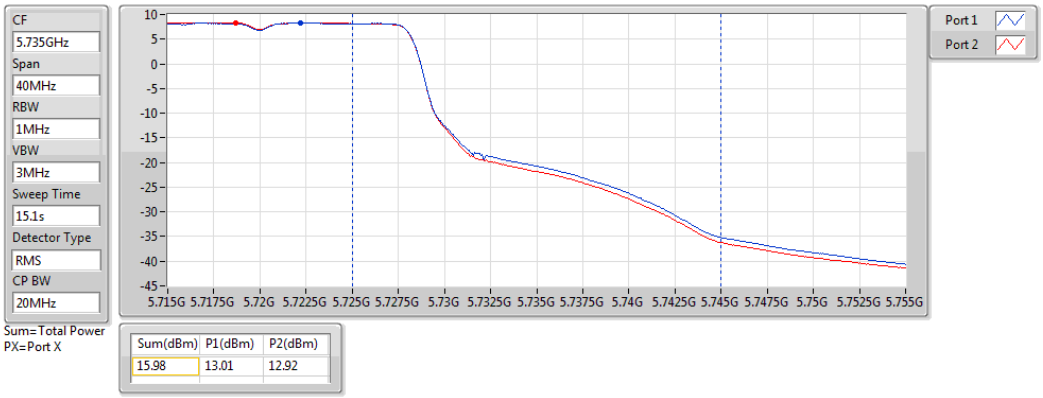
802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



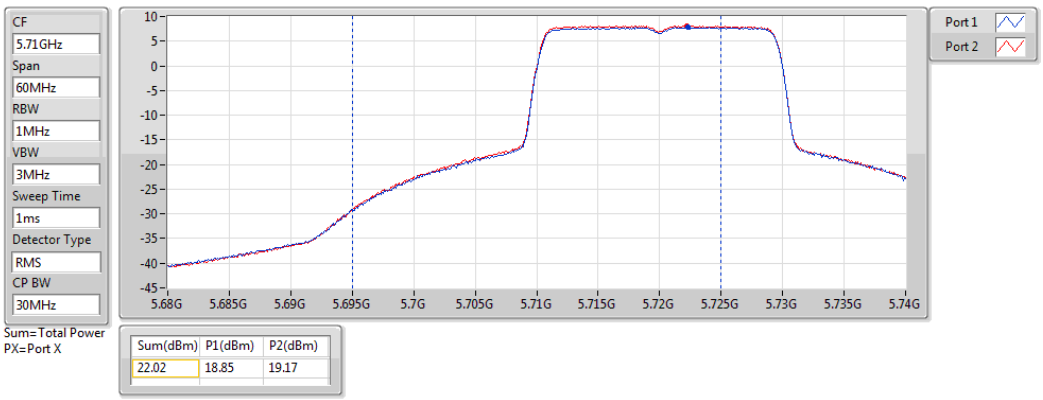
802.11a_Nss1,(6Mbps)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



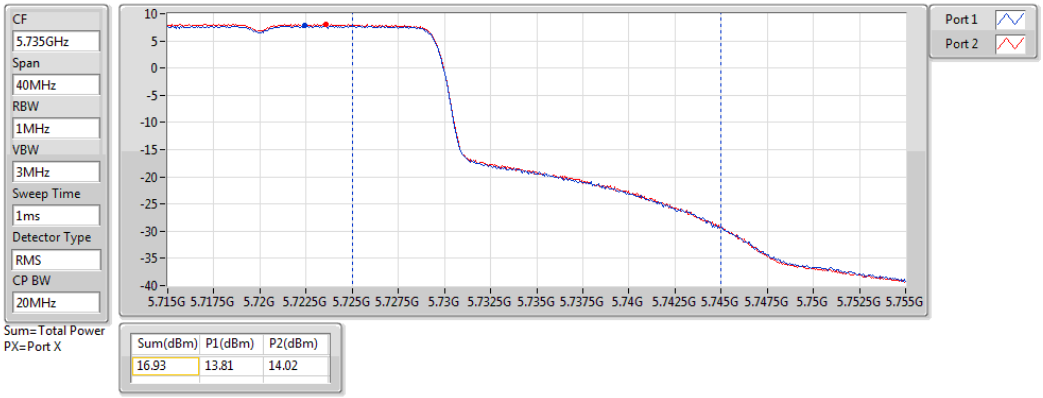
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



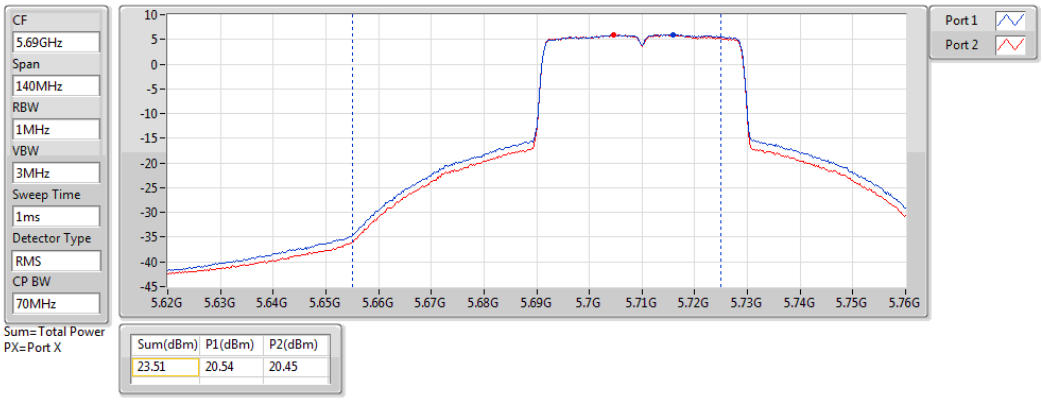
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



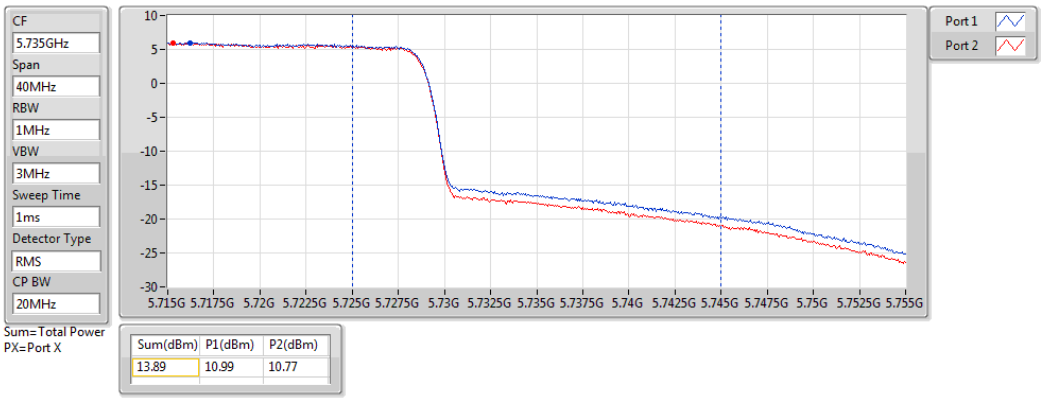
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



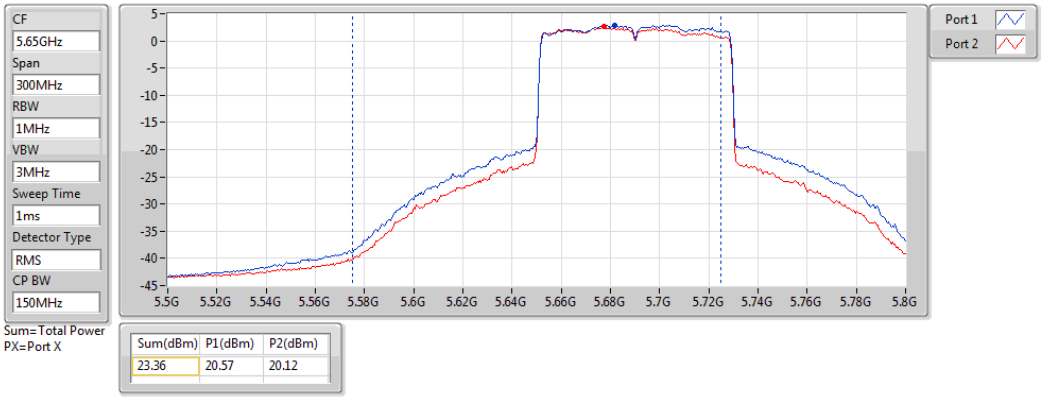
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



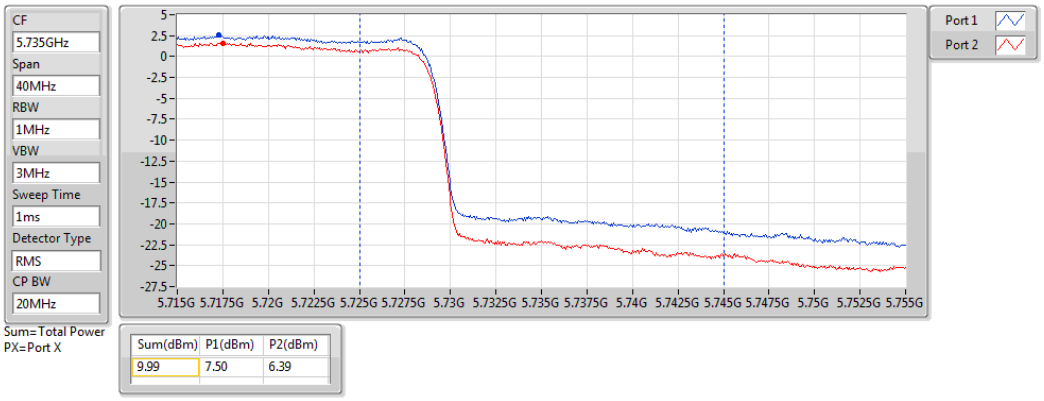
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Beamforming

Straddle channels

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	19.01	0.07962	25.85	0.38459
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	20.50	0.11220	27.34	0.54200
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	20.35	0.10839	27.19	0.52360
5.725-5.85GHz	-	-	-	-
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	13.92	0.02466	20.76	0.11912
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	10.88	0.01225	17.72	0.05916
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	6.98	0.00499	13.82	0.02410

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	15.84	16.16	19.01	23.16	25.85	30.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	10.8	11.01	13.92	29.16	20.76	36.00
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	17.53	17.44	20.50	23.16	27.34	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	7.98	7.76	10.88	29.16	17.72	36.00
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	17.56	17.11	20.35	23.16	27.19	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	4.49	3.38	6.98	29.16	13.82	36.00

DG = Directional Gain=10 * log((10$^{3.84/20}$+10$^{3.82/20}$)^2/2=6.84 dBi

For 5.47 ~ 5.725 GHz

Limit shall be reduced to 24 dBm – (6.84 dBi – 6 dBi) = 23.16 dBm

For 5.725 ~ 5.85 GHz

Limit shall be reduced to 30 dBm – (6.84 dBi – 6 dBi) = 29.16 dBm

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 Xpower density;

3.3.5 Test Result of Maximum Conducted Output Power_11ax Partial RU mode

Ambient Condition	22-24°C / 63-66%	Tested By	Aska Huang

Non-beamforming

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	13.93	0.02472	17.77	0.05984
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	14.28	0.02679	18.12	0.06486
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	14.13	0.02588	17.97	0.06266
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	17.08	0.05105	20.92	0.12359
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	17.22	0.05272	21.06	0.12764
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	17.17	0.05212	21.01	0.12618
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	20.07	0.10162	23.91	0.24604
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	20.12	0.10280	23.96	0.24889
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	10.30	0.01072	14.14	0.02594
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	11.49	0.01409	15.33	0.03412
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	10.38	0.01091	14.22	0.02642
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	13.44	0.02208	17.28	0.05346
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	14.30	0.02692	18.14	0.06516
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	13.53	0.02254	17.37	0.05458
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	16.76	0.04742	20.60	0.11482
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	17.42	0.05521	21.26	0.13366
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	16.93	0.04932	20.77	0.11940
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	20.42	0.11015	24.26	0.26669
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	20.48	0.11169	24.32	0.27040
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	1.72	0.00149	5.56	0.00360
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	2.10	0.00162	5.94	0.00393
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	1.48	0.00141	5.32	0.00340
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	4.77	0.00300	8.61	0.00726
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	5.10	0.00324	8.94	0.00783
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	4.50	0.00282	8.34	0.00682
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	7.51	0.00564	11.35	0.01365
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	7.99	0.00630	11.83	0.01524
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	7.15	0.00519	10.99	0.01256
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	11.04	0.01271	14.88	0.03076
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	11.51	0.01416	15.35	0.03428
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	10.89	0.01227	14.73	0.02972
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	14.19	0.02624	18.03	0.06353
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	14.17	0.02612	18.01	0.06324
5.25-5.35GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	13.45	0.02213	17.29	0.05358

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	13.85	0.02427	17.69	0.05875
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	13.58	0.02280	17.42	0.05521
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	16.69	0.04667	20.53	0.11298
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	16.89	0.04887	20.73	0.11830
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	16.76	0.04742	20.60	0.11482
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	19.75	0.09441	23.59	0.22856
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	19.82	0.09594	23.66	0.23227
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	10.19	0.01045	14.03	0.02529
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	11.49	0.01409	15.33	0.03412
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	10.15	0.01035	13.99	0.02506
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	13.55	0.02265	17.39	0.05483
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	14.38	0.02742	18.22	0.06637
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	13.61	0.02296	17.45	0.05559
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	16.80	0.04786	20.64	0.11588
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	17.42	0.05521	21.26	0.13366
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	16.83	0.04819	20.67	0.11668
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	20.52	0.11272	24.36	0.27290
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	20.48	0.11169	24.32	0.27040
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	3.05	0.00202	6.89	0.00489
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	3.40	0.00219	7.24	0.00530
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	2.73	0.00187	6.57	0.00454
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	5.98	0.00396	9.82	0.00959
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	6.27	0.00424	10.11	0.01026
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	5.59	0.00362	9.43	0.00877
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	8.83	0.00764	12.67	0.01849
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	9.21	0.00834	13.05	0.02018
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	8.65	0.00733	12.49	0.01774
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	12.31	0.01702	16.15	0.04121
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	12.72	0.01871	16.56	0.04529
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	11.85	0.01531	15.69	0.03707
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	15.50	0.03548	19.34	0.08590
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	15.35	0.03428	19.19	0.08299
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	13.74	0.02366	17.58	0.05728
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	13.97	0.02495	17.81	0.06039
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	13.72	0.02355	17.56	0.05702
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	16.86	0.04853	20.70	0.11749
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	17.02	0.05035	20.86	0.12190
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	16.87	0.04864	20.71	0.11776
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	19.91	0.09795	23.75	0.23714
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	19.91	0.09795	23.75	0.23714
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	11.10	0.01288	14.94	0.03119

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	11.99	0.01581	15.83	0.03828
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	11.02	0.01265	14.86	0.03062
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	14.22	0.02642	18.06	0.06397
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	14.87	0.03069	18.71	0.07430
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	14.19	0.02624	18.03	0.06353
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	17.42	0.05521	21.26	0.13366
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	17.91	0.06180	21.75	0.14962
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	17.50	0.05623	21.34	0.13614
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	21.12	0.12942	24.96	0.31333
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	21.15	0.13032	24.99	0.31550
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	6.82	0.00481	10.66	0.01164
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	7.43	0.00553	11.27	0.01340
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	6.61	0.00458	10.45	0.01109
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	9.75	0.00944	13.59	0.02286
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	10.35	0.01084	14.19	0.02624
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	9.48	0.00887	13.32	0.02148
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	12.69	0.01858	16.53	0.04498
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	12.91	0.01954	16.75	0.04732
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	12.44	0.01754	16.28	0.04246
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	16.30	0.04266	20.14	0.10328
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	16.73	0.04710	20.57	0.11402
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	16.12	0.04093	19.96	0.09908
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	19.10	0.08128	22.94	0.19679
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	19.20	0.08318	23.04	0.20137
5.725-5.85GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	16.79	0.04775	20.63	0.11561
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	17.05	0.05070	20.89	0.12274
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	16.78	0.04764	20.62	0.11535
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	19.71	0.09354	23.55	0.22646
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	19.82	0.09594	23.66	0.23227
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	19.73	0.09397	23.57	0.22751
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	22.73	0.18750	26.57	0.45394
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	22.76	0.18880	26.60	0.45709
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	13.12	0.02051	16.96	0.04966
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	14.55	0.02851	18.39	0.06902
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	13.22	0.02099	17.06	0.05082
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	16.27	0.04236	20.11	0.10257
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	17.47	0.05585	21.31	0.13521
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	16.39	0.04355	20.23	0.10544
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	19.54	0.08995	23.38	0.21777
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	20.41	0.10990	24.25	0.26607
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	19.71	0.09354	23.55	0.22646

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	23.53	0.22542	27.37	0.54576
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	23.52	0.22491	27.36	0.54450
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	6.74	0.00472	10.58	0.01143
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	7.02	0.00504	10.86	0.01219
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	6.56	0.00453	10.40	0.01096
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	9.77	0.00948	13.61	0.02296
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	10.22	0.01052	14.06	0.02547
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	9.58	0.00908	13.42	0.02198
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	12.81	0.01910	16.65	0.04624
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	13.15	0.02065	16.99	0.05000
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	12.66	0.01845	16.50	0.04467
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	15.77	0.03776	19.61	0.09141
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	16.56	0.04529	20.40	0.10965
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	15.66	0.03681	19.50	0.08913
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	19.02	0.07980	22.86	0.19320
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	19.14	0.08204	22.98	0.19861

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.84	8.24	8.16	11.21	15.05
5200MHz	Pass	3.84	10.55	11.03	13.81	17.65
5240MHz	Pass	3.84	10.73	11.10	13.93	17.77
5260MHz	Pass	3.84	10.61	10.26	13.45	17.29
5300MHz	Pass	3.84	10.52	10.21	13.38	17.22
5320MHz	Pass	3.84	7.77	7.79	10.79	14.63
5500MHz	Pass	3.84	7.45	7.53	10.50	14.34
5580MHz	Pass	3.84	10.73	10.72	13.74	17.58
5700MHz	Pass	3.84	4.13	4.14	7.15	10.99
5745MHz	Pass	3.84	13.51	14.03	16.79	20.63
5785MHz	Pass	3.84	13.29	13.79	16.56	20.40
5825MHz	Pass	3.84	13.03	13.67	16.37	20.21
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.84	8.70	8.77	11.75	15.59
5200MHz	Pass	3.84	11.01	11.51	14.28	18.12
5240MHz	Pass	3.84	11.09	11.40	14.26	18.10
5260MHz	Pass	3.84	10.94	10.73	13.85	17.69
5300MHz	Pass	3.84	10.88	10.48	13.69	17.53
5320MHz	Pass	3.84	8.10	8.13	11.13	14.97
5500MHz	Pass	3.84	7.56	7.80	10.69	14.53
5580MHz	Pass	3.84	11.05	10.86	13.97	17.81
5700MHz	Pass	3.84	4.44	4.76	7.61	11.45
5745MHz	Pass	3.84	13.91	14.16	17.05	20.89
5785MHz	Pass	3.84	13.77	14.16	16.98	20.82
5825MHz	Pass	3.84	13.60	14.03	16.83	20.67
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.84	8.44	8.66	11.56	15.40
5200MHz	Pass	3.84	10.74	11.01	13.89	17.73
5240MHz	Pass	3.84	11.01	11.22	14.13	17.97
5260MHz	Pass	3.84	10.77	10.35	13.58	17.42
5300MHz	Pass	3.84	10.70	10.20	13.47	17.31
5320MHz	Pass	3.84	7.88	7.92	10.91	14.75
5500MHz	Pass	3.84	7.57	7.48	10.54	14.38
5580MHz	Pass	3.84	10.88	10.53	13.72	17.56
5700MHz	Pass	3.84	4.32	4.47	7.41	11.25
5745MHz	Pass	3.84	13.71	13.83	16.78	20.62
5785MHz	Pass	3.84	13.62	13.86	16.75	20.59
5825MHz	Pass	3.84	13.26	13.66	16.47	20.31
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.84	11.29	11.52	14.42	18.26

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5200MHz	Pass	3.84	13.91	14.22	17.08	20.92
5240MHz	Pass	3.84	13.91	14.10	17.02	20.86
5260MHz	Pass	3.84	13.66	13.69	16.69	20.53
5300MHz	Pass	3.84	13.71	13.46	16.60	20.44
5320MHz	Pass	3.84	11.06	10.88	13.98	17.82
5500MHz	Pass	3.84	10.27	10.45	13.37	17.21
5580MHz	Pass	3.84	13.80	13.89	16.86	20.70
5700MHz	Pass	3.84	7.06	7.58	10.34	14.18
5745MHz	Pass	3.84	16.43	16.95	19.71	23.55
5785MHz	Pass	3.84	16.14	16.69	19.43	23.27
5825MHz	Pass	3.84	16.36	16.91	19.65	23.49
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.84	11.30	11.79	14.56	18.40
5200MHz	Pass	3.84	14.07	14.35	17.22	21.06
5240MHz	Pass	3.84	14.16	14.18	17.18	21.02
5260MHz	Pass	3.84	13.89	13.86	16.89	20.73
5300MHz	Pass	3.84	13.89	13.60	16.76	20.60
5320MHz	Pass	3.84	11.28	11.05	14.18	18.02
5500MHz	Pass	3.84	10.51	10.48	13.51	17.35
5580MHz	Pass	3.84	14.00	14.01	17.02	20.86
5700MHz	Pass	3.84	7.27	7.71	10.51	14.35
5745MHz	Pass	3.84	16.51	17.09	19.82	23.66
5785MHz	Pass	3.84	16.43	16.92	19.69	23.53
5825MHz	Pass	3.84	16.48	16.87	19.69	23.53
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.84	11.50	11.71	14.62	18.46
5200MHz	Pass	3.84	14.03	14.28	17.17	21.01
5240MHz	Pass	3.84	14.11	14.14	17.14	20.98
5260MHz	Pass	3.84	13.79	13.71	16.76	20.60
5300MHz	Pass	3.84	13.79	13.50	16.66	20.50
5320MHz	Pass	3.84	11.23	10.94	14.10	17.94
5500MHz	Pass	3.84	10.47	10.39	13.44	17.28
5580MHz	Pass	3.84	13.94	13.78	16.87	20.71
5700MHz	Pass	3.84	7.48	7.52	10.51	14.35
5745MHz	Pass	3.84	16.52	16.82	19.68	23.52
5785MHz	Pass	3.84	16.35	16.62	19.50	23.34
5825MHz	Pass	3.84	16.52	16.91	19.73	23.57
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.84	14.59	14.73	17.67	21.51
5200MHz	Pass	3.84	16.93	17.18	20.07	23.91
5240MHz	Pass	3.84	16.92	17.08	20.01	23.85
5260MHz	Pass	3.84	16.79	16.69	19.75	23.59

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5300MHz	Pass	3.84	16.78	16.65	19.73	23.57
5320MHz	Pass	3.84	14.29	14.21	17.26	21.10
5500MHz	Pass	3.84	13.59	13.54	16.58	20.42
5580MHz	Pass	3.84	16.91	16.89	19.91	23.75
5700MHz	Pass	3.84	10.28	10.56	13.43	17.27
5745MHz	Pass	3.84	19.57	19.87	22.73	26.57
5785MHz	Pass	3.84	19.45	19.68	22.58	26.42
5825MHz	Pass	3.84	19.12	19.66	22.41	26.25
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.84	14.71	14.80	17.77	21.61
5200MHz	Pass	3.84	17.00	17.21	20.12	23.96
5240MHz	Pass	3.84	17.07	17.13	20.11	23.95
5260MHz	Pass	3.84	16.88	16.72	19.81	23.65
5300MHz	Pass	3.84	16.91	16.70	19.82	23.66
5320MHz	Pass	3.84	14.40	14.26	17.34	21.18
5500MHz	Pass	3.84	13.68	13.51	16.61	20.45
5580MHz	Pass	3.84	16.98	16.82	19.91	23.75
5700MHz	Pass	3.84	10.39	10.52	13.47	17.31
5745MHz	Pass	3.84	19.59	19.90	22.76	26.60
5785MHz	Pass	3.84	19.59	19.71	22.66	26.50
5825MHz	Pass	3.84	19.44	19.63	22.55	26.39
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	2.86	3.06	5.97	9.81
5230MHz	Pass	3.84	7.17	7.40	10.30	14.14
5270MHz	Pass	3.84	7.16	7.19	10.19	14.03
5310MHz	Pass	3.84	2.62	2.88	5.76	9.60
5510MHz	Pass	3.84	0.78	0.86	3.83	7.67
5590MHz	Pass	3.84	7.95	8.22	11.10	14.94
5670MHz	Pass	3.84	4.45	4.34	7.41	11.25
5755MHz	Pass	3.84	9.32	9.50	12.42	16.26
5795MHz	Pass	3.84	9.79	10.40	13.12	16.96
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	3.71	3.95	6.84	10.68
5230MHz	Pass	3.84	8.42	8.53	11.49	15.33
5270MHz	Pass	3.84	8.28	8.68	11.49	15.33
5310MHz	Pass	3.84	3.54	3.48	6.52	10.36
5510MHz	Pass	3.84	1.89	2.14	5.03	8.87
5590MHz	Pass	3.84	8.73	9.21	11.99	15.83
5670MHz	Pass	3.84	5.25	5.45	8.36	12.20
5755MHz	Pass	3.84	10.14	10.23	13.20	17.04
5795MHz	Pass	3.84	11.42	11.66	14.55	18.39
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5190MHz	Pass	3.84	2.78	3.17	5.99	9.83
5230MHz	Pass	3.84	7.32	7.41	10.38	14.22
5270MHz	Pass	3.84	7.17	7.11	10.15	13.99
5310MHz	Pass	3.84	2.32	2.46	5.40	9.24
5510MHz	Pass	3.84	1.04	0.90	3.98	7.82
5590MHz	Pass	3.84	7.85	8.17	11.02	14.86
5670MHz	Pass	3.84	4.35	4.50	7.44	11.28
5755MHz	Pass	3.84	9.39	9.34	12.38	16.22
5795MHz	Pass	3.84	10.16	10.26	13.22	17.06
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	6.17	6.13	9.16	13.00
5230MHz	Pass	3.84	10.30	10.55	13.44	17.28
5270MHz	Pass	3.84	10.62	10.46	13.55	17.39
5310MHz	Pass	3.84	5.39	5.65	8.53	12.37
5510MHz	Pass	3.84	3.79	4.41	7.12	10.96
5590MHz	Pass	3.84	11.27	11.14	14.22	18.06
5670MHz	Pass	3.84	7.23	7.34	10.30	14.14
5755MHz	Pass	3.84	12.01	12.16	15.10	18.94
5795MHz	Pass	3.84	13.04	13.46	16.27	20.11
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	6.40	6.61	9.52	13.36
5230MHz	Pass	3.84	11.16	11.41	14.30	18.14
5270MHz	Pass	3.84	11.44	11.30	14.38	18.22
5310MHz	Pass	3.84	6.03	6.39	9.22	13.06
5510MHz	Pass	3.84	4.74	5.02	7.89	11.73
5590MHz	Pass	3.84	11.75	11.97	14.87	18.71
5670MHz	Pass	3.84	8.06	8.34	11.21	15.05
5755MHz	Pass	3.84	12.75	12.94	15.86	19.70
5795MHz	Pass	3.84	14.34	14.57	17.47	21.31
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	5.86	6.00	8.94	12.78
5230MHz	Pass	3.84	10.26	10.76	13.53	17.37
5270MHz	Pass	3.84	10.79	10.40	13.61	17.45
5310MHz	Pass	3.84	5.34	5.25	8.31	12.15
5510MHz	Pass	3.84	4.03	4.16	7.11	10.95
5590MHz	Pass	3.84	11.22	11.14	14.19	18.03
5670MHz	Pass	3.84	7.07	7.24	10.17	14.01
5755MHz	Pass	3.84	12.08	12.27	15.19	19.03
5795MHz	Pass	3.84	13.29	13.47	16.39	20.23
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	8.59	9.19	11.91	15.75
5230MHz	Pass	3.84	13.74	13.76	16.76	20.60

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5270MHz	Pass	3.84	13.84	13.73	16.80	20.64
5310MHz	Pass	3.84	8.62	8.56	11.60	15.44
5510MHz	Pass	3.84	7.45	7.55	10.51	14.35
5590MHz	Pass	3.84	14.35	14.46	17.42	21.26
5670MHz	Pass	3.84	11.09	10.94	14.03	17.87
5755MHz	Pass	3.84	15.24	15.37	18.32	22.16
5795MHz	Pass	3.84	16.33	16.73	19.54	23.38
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	9.29	9.85	12.59	16.43
5230MHz	Pass	3.84	14.47	14.35	17.42	21.26
5270MHz	Pass	3.84	14.47	14.35	17.42	21.26
5310MHz	Pass	3.84	9.25	9.13	12.20	16.04
5510MHz	Pass	3.84	8.04	8.01	11.04	14.88
5590MHz	Pass	3.84	14.93	14.87	17.91	21.75
5670MHz	Pass	3.84	11.47	11.48	14.49	18.33
5755MHz	Pass	3.84	15.77	15.91	18.85	22.69
5795MHz	Pass	3.84	17.28	17.51	20.41	24.25
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	8.60	9.35	12.00	15.84
5230MHz	Pass	3.84	13.96	13.87	16.93	20.77
5270MHz	Pass	3.84	13.79	13.84	16.83	20.67
5310MHz	Pass	3.84	8.52	8.51	11.53	15.37
5510MHz	Pass	3.84	7.37	7.55	10.47	14.31
5590MHz	Pass	3.84	14.51	14.46	17.50	21.34
5670MHz	Pass	3.84	11.05	10.81	13.94	17.78
5755MHz	Pass	3.84	15.28	15.47	18.39	22.23
5795MHz	Pass	3.84	16.52	16.88	19.71	23.55
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	12.72	12.81	15.78	19.62
5230MHz	Pass	3.84	17.39	17.43	20.42	24.26
5270MHz	Pass	3.84	17.64	17.37	20.52	24.36
5310MHz	Pass	3.84	12.57	12.30	15.45	19.29
5510MHz	Pass	3.84	11.05	11.20	14.14	17.98
5590MHz	Pass	3.84	18.18	18.04	21.12	24.96
5670MHz	Pass	3.84	14.60	14.53	17.58	21.42
5755MHz	Pass	3.84	19.14	19.12	22.14	25.98
5795MHz	Pass	3.84	20.40	20.63	23.53	27.37
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.84	12.49	12.92	15.72	19.56
5230MHz	Pass	3.84	17.42	17.52	20.48	24.32
5270MHz	Pass	3.84	17.55	17.39	20.48	24.32
5310MHz	Pass	3.84	12.41	12.28	15.36	19.20

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5510MHz	Pass	3.84	11.25	11.09	14.18	18.02
5590MHz	Pass	3.84	18.23	18.05	21.15	24.99
5670MHz	Pass	3.84	14.58	14.60	17.60	21.44
5755MHz	Pass	3.84	19.08	19.15	22.13	25.97
5795MHz	Pass	3.84	20.47	20.54	23.52	27.36
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	-1.27	-1.32	1.72	5.56
5290MHz	Pass	3.84	0.09	-0.02	3.05	6.89
5530MHz	Pass	3.84	-1.93	-1.57	1.26	5.10
5610MHz	Pass	3.84	3.62	3.99	6.82	10.66
5775MHz	Pass	3.84	3.88	3.58	6.74	10.58
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	-0.99	-0.83	2.10	5.94
5290MHz	Pass	3.84	0.32	0.45	3.40	7.24
5530MHz	Pass	3.84	-1.50	-1.29	1.62	5.46
5610MHz	Pass	3.84	4.31	4.52	7.43	11.27
5775MHz	Pass	3.84	4.10	3.92	7.02	10.86
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	-1.60	-1.47	1.48	5.32
5290MHz	Pass	3.84	-0.34	-0.23	2.73	6.57
5530MHz	Pass	3.84	-2.59	-2.50	0.47	4.31
5610MHz	Pass	3.84	3.40	3.80	6.61	10.45
5775MHz	Pass	3.84	3.67	3.43	6.56	10.40
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	1.65	1.86	4.77	8.61
5290MHz	Pass	3.84	2.92	3.02	5.98	9.82
5530MHz	Pass	3.84	1.24	1.27	4.27	8.11
5610MHz	Pass	3.84	6.59	6.88	9.75	13.59
5775MHz	Pass	3.84	6.61	6.91	9.77	13.61
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	1.80	2.36	5.10	8.94
5290MHz	Pass	3.84	3.16	3.35	6.27	10.11
5530MHz	Pass	3.84	1.24	1.89	4.59	8.43
5610MHz	Pass	3.84	6.89	7.75	10.35	14.19
5775MHz	Pass	3.84	7.05	7.36	10.22	14.06
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	1.29	1.68	4.50	8.34
5290MHz	Pass	3.84	2.55	2.61	5.59	9.43
5530MHz	Pass	3.84	0.61	1.09	3.87	7.71
5610MHz	Pass	3.84	6.22	6.71	9.48	13.32
5775MHz	Pass	3.84	6.49	6.64	9.58	13.42
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5210MHz	Pass	3.84	4.36	4.63	7.51	11.35
5290MHz	Pass	3.84	5.72	5.92	8.83	12.67
5530MHz	Pass	3.84	4.28	4.57	7.44	11.28
5610MHz	Pass	3.84	9.61	9.74	12.69	16.53
5775MHz	Pass	3.84	9.62	9.97	12.81	16.65
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	4.87	5.09	7.99	11.83
5290MHz	Pass	3.84	6.03	6.37	9.21	13.05
5530MHz	Pass	3.84	4.33	4.56	7.46	11.30
5610MHz	Pass	3.84	9.97	9.82	12.91	16.75
5775MHz	Pass	3.84	9.98	10.29	13.15	16.99
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	3.97	4.30	7.15	10.99
5290MHz	Pass	3.84	5.41	5.86	8.65	12.49
5530MHz	Pass	3.84	3.69	4.34	7.04	10.88
5610MHz	Pass	3.84	9.52	9.33	12.44	16.28
5775MHz	Pass	3.84	9.57	9.73	12.66	16.50
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	7.97	8.09	11.04	14.88
5290MHz	Pass	3.84	9.38	9.22	12.31	16.15
5530MHz	Pass	3.84	7.54	8.06	10.82	14.66
5610MHz	Pass	3.84	13.22	13.36	16.30	20.14
5775MHz	Pass	3.84	12.70	12.82	15.77	19.61
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	8.37	8.63	11.51	15.35
5290MHz	Pass	3.84	9.59	9.82	12.72	16.56
5530MHz	Pass	3.84	7.74	7.97	10.87	14.71
5610MHz	Pass	3.84	13.84	13.60	16.73	20.57
5775MHz	Pass	3.84	13.66	13.43	16.56	20.40
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	7.88	7.88	10.89	14.73
5290MHz	Pass	3.84	8.90	8.78	11.85	15.69
5530MHz	Pass	3.84	7.24	7.76	10.52	14.36
5610MHz	Pass	3.84	13.15	13.06	16.12	19.96
5775MHz	Pass	3.84	12.47	12.83	15.66	19.50
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.84	10.85	11.48	14.19	18.03
5290MHz	Pass	3.84	12.41	12.57	15.50	19.34
5530MHz	Pass	3.84	10.73	10.70	13.73	17.57
5610MHz	Pass	3.84	16.18	15.99	19.10	22.94
5775MHz	Pass	3.84	15.96	16.06	19.02	22.86
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5210MHz	Pass	3.84	11.08	11.23	14.17	18.01
5290MHz	Pass	3.84	12.24	12.43	15.35	19.19
5530MHz	Pass	3.84	10.72	10.67	13.71	17.55
5610MHz	Pass	3.84	16.37	16.00	19.20	23.04
5775MHz	Pass	3.84	16.05	16.20	19.14	22.98

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

Beamforming

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	10.92	0.01236	17.76	0.05970
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	11.27	0.01340	18.11	0.06471
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	11.12	0.01294	17.96	0.06252
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	14.07	0.02553	20.91	0.12331
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	14.21	0.02636	21.05	0.12735
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	14.16	0.02606	21.00	0.12589
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	17.06	0.05082	23.90	0.24547
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	17.11	0.05140	23.95	0.24831
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	7.29	0.00536	14.13	0.02588
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	8.48	0.00705	15.32	0.03404
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	7.37	0.00546	14.21	0.02636
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	10.43	0.01104	17.27	0.05333
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	11.29	0.01346	18.13	0.06501
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	10.52	0.01127	17.36	0.05445
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	13.75	0.02371	20.59	0.11455
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	14.41	0.02761	21.25	0.13335
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	13.92	0.02466	20.76	0.11912
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	17.41	0.05508	24.25	0.26607
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	17.47	0.05585	24.31	0.26977
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-1.29	0.00074	5.55	0.00359
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-0.91	0.00081	5.93	0.00392
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-1.53	0.00070	5.31	0.00340
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	1.76	0.00150	8.60	0.00724
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	2.09	0.00162	8.93	0.00782
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	1.49	0.00141	8.33	0.00681
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	4.50	0.00282	11.34	0.01361
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	4.98	0.00315	11.82	0.01521
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	4.14	0.00259	10.98	0.01253
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	8.03	0.00635	14.87	0.03069
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	8.50	0.00708	15.34	0.03420
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	7.88	0.00614	14.72	0.02965
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	11.18	0.01312	18.02	0.06339
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	11.16	0.01306	18.00	0.06310
5.25-5.35GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	10.44	0.01107	17.28	0.05346
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	10.84	0.01213	17.68	0.05861
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	10.57	0.01140	17.41	0.05508
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	13.68	0.02333	20.52	0.11272

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	13.88	0.02443	20.72	0.11803
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	13.75	0.02371	20.59	0.11455
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	16.74	0.04721	23.58	0.22803
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	16.81	0.04797	23.65	0.23174
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	7.18	0.00522	14.02	0.02523
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	8.48	0.00705	15.32	0.03404
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	7.14	0.00518	13.98	0.02500
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	10.54	0.01132	17.38	0.05470
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	11.37	0.01371	18.21	0.06622
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	10.60	0.01148	17.44	0.05546
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	13.79	0.02393	20.63	0.11561
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	14.41	0.02761	21.25	0.13335
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	13.82	0.02410	20.66	0.11641
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	17.51	0.05636	24.35	0.27227
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	17.47	0.05585	24.31	0.26977
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	0.04	0.00101	6.88	0.00488
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	0.39	0.00109	7.23	0.00528
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-0.28	0.00094	6.56	0.00453
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	2.97	0.00198	9.81	0.00957
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	3.26	0.00212	10.10	0.01023
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	2.58	0.00181	9.42	0.00875
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	5.82	0.00382	12.66	0.01845
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	6.20	0.00417	13.04	0.02014
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	5.64	0.00366	12.48	0.01770
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	9.30	0.00851	16.14	0.04111
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	9.71	0.00935	16.55	0.04519
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	8.84	0.00766	15.68	0.03698
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	12.49	0.01774	19.33	0.08570
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	12.34	0.01714	19.18	0.08279
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	10.73	0.01183	17.57	0.05715
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	10.96	0.01247	17.80	0.06026
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	10.71	0.01178	17.55	0.05689
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	13.85	0.02427	20.69	0.11722
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	14.01	0.02518	20.85	0.12162
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	13.86	0.02432	20.70	0.11749
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	16.90	0.04898	23.74	0.23659
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	16.90	0.04898	23.74	0.23659
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	8.09	0.00644	14.93	0.03112
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	8.98	0.00791	15.82	0.03819
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	8.01	0.00632	14.85	0.03055
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	11.21	0.01321	18.05	0.06383

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	11.86	0.01535	18.70	0.07413
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	11.18	0.01312	18.02	0.06339
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	14.41	0.02761	21.25	0.13335
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	14.90	0.03090	21.74	0.14928
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	14.49	0.02812	21.33	0.13583
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	18.11	0.06471	24.95	0.31261
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	18.14	0.06516	24.98	0.31477
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	3.81	0.00240	10.65	0.01161
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	4.42	0.00277	11.26	0.01337
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	3.60	0.00229	10.44	0.01107
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	6.74	0.00472	13.58	0.02280
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	7.34	0.00542	14.18	0.02618
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	6.47	0.00444	13.31	0.02143
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	9.68	0.00929	16.52	0.04487
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	9.90	0.00977	16.74	0.04721
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	9.43	0.00877	16.27	0.04236
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	13.29	0.02133	20.13	0.10304
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	13.72	0.02355	20.56	0.11376
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	13.11	0.02046	19.95	0.09886
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	16.09	0.04064	22.93	0.19634
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	16.19	0.04159	23.03	0.20091
5.725-5.85GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	13.78	0.02388	20.62	0.11535
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	14.04	0.02535	20.88	0.12246
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	13.77	0.02382	20.61	0.11508
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	16.70	0.04677	23.54	0.22594
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	16.81	0.04797	23.65	0.23174
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	16.72	0.04699	23.56	0.22699
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	19.72	0.09376	26.56	0.45290
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	19.75	0.09441	26.59	0.45604
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	10.11	0.01026	16.95	0.04955
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	11.54	0.01426	18.38	0.06887
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	10.21	0.01050	17.05	0.05070
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	13.26	0.02118	20.10	0.10233
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	14.46	0.02793	21.30	0.13490
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	13.38	0.02178	20.22	0.10520
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	16.53	0.04498	23.37	0.21727
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	17.40	0.05495	24.24	0.26546
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	16.70	0.04677	23.54	0.22594
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	20.52	0.11272	27.36	0.54450
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	20.51	0.11246	27.35	0.54325
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	3.73	0.00236	10.57	0.01140

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	4.01	0.00252	10.85	0.01216
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	3.55	0.00226	10.39	0.01094
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	6.76	0.00474	13.60	0.02291
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	7.21	0.00526	14.05	0.02541
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	6.57	0.00454	13.41	0.02193
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	9.80	0.00955	16.64	0.04613
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	10.14	0.01033	16.98	0.04989
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	9.65	0.00923	16.49	0.04457
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	12.76	0.01888	19.60	0.09120
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	13.55	0.02265	20.39	0.10940
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	12.65	0.01841	19.49	0.08892
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	16.01	0.03990	22.85	0.19275
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	16.13	0.04102	22.97	0.19815

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.84	5.23	5.15	8.20	15.04
5200MHz	Pass	6.84	7.54	8.02	10.80	17.64
5240MHz	Pass	6.84	7.72	8.09	10.92	17.76
5260MHz	Pass	6.84	7.6	7.25	10.44	17.28
5300MHz	Pass	6.84	7.51	7.2	10.37	17.21
5320MHz	Pass	6.84	4.76	4.78	7.78	14.62
5500MHz	Pass	6.84	4.44	4.52	7.49	14.33
5580MHz	Pass	6.84	7.72	7.71	10.73	17.57
5700MHz	Pass	6.84	1.12	1.13	4.14	10.98
5745MHz	Pass	6.84	10.5	11.02	13.78	20.62
5785MHz	Pass	6.84	10.28	10.78	13.55	20.39
5825MHz	Pass	6.84	10.02	10.66	13.36	20.20
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.84	5.69	5.76	8.74	15.58
5200MHz	Pass	6.84	8	8.5	11.27	18.11
5240MHz	Pass	6.84	8.08	8.39	11.25	18.09
5260MHz	Pass	6.84	7.93	7.72	10.84	17.68
5300MHz	Pass	6.84	7.87	7.47	10.68	17.52
5320MHz	Pass	6.84	5.09	5.12	8.12	14.96
5500MHz	Pass	6.84	4.55	4.79	7.68	14.52
5580MHz	Pass	6.84	8.04	7.85	10.96	17.80
5700MHz	Pass	6.84	1.43	1.75	4.60	11.44
5745MHz	Pass	6.84	10.9	11.15	14.04	20.88
5785MHz	Pass	6.84	10.76	11.15	13.97	20.81
5825MHz	Pass	6.84	10.59	11.02	13.82	20.66
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.84	5.43	5.65	8.55	15.39
5200MHz	Pass	6.84	7.73	8	10.88	17.72
5240MHz	Pass	6.84	8	8.21	11.12	17.96
5260MHz	Pass	6.84	7.76	7.34	10.57	17.41
5300MHz	Pass	6.84	7.69	7.19	10.46	17.30
5320MHz	Pass	6.84	4.87	4.91	7.90	14.74
5500MHz	Pass	6.84	4.56	4.47	7.53	14.37
5580MHz	Pass	6.84	7.87	7.52	10.71	17.55
5700MHz	Pass	6.84	1.31	1.46	4.40	11.24
5745MHz	Pass	6.84	10.7	10.82	13.77	20.61
5785MHz	Pass	6.84	10.61	10.85	13.74	20.58
5825MHz	Pass	6.84	10.25	10.65	13.46	20.30
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5180MHz	Pass	6.84	8.28	8.51	11.41	18.25
5200MHz	Pass	6.84	10.9	11.21	14.07	20.91
5240MHz	Pass	6.84	10.9	11.09	14.01	20.85
5260MHz	Pass	6.84	10.65	10.68	13.68	20.52
5300MHz	Pass	6.84	10.7	10.45	13.59	20.43
5320MHz	Pass	6.84	8.05	7.87	10.97	17.81
5500MHz	Pass	6.84	7.26	7.44	10.36	17.20
5580MHz	Pass	6.84	10.79	10.88	13.85	20.69
5700MHz	Pass	6.84	4.05	4.57	7.33	14.17
5745MHz	Pass	6.84	13.42	13.94	16.70	23.54
5785MHz	Pass	6.84	13.13	13.68	16.42	23.26
5825MHz	Pass	6.84	13.35	13.9	16.64	23.48
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.84	8.29	8.78	11.55	18.39
5200MHz	Pass	6.84	11.06	11.34	14.21	21.05
5240MHz	Pass	6.84	11.15	11.17	14.17	21.01
5260MHz	Pass	6.84	10.88	10.85	13.88	20.72
5300MHz	Pass	6.84	10.88	10.59	13.75	20.59
5320MHz	Pass	6.84	8.27	8.04	11.17	18.01
5500MHz	Pass	6.84	7.5	7.47	10.50	17.34
5580MHz	Pass	6.84	10.99	11	14.01	20.85
5700MHz	Pass	6.84	4.26	4.7	7.50	14.34
5745MHz	Pass	6.84	13.5	14.08	16.81	23.65
5785MHz	Pass	6.84	13.42	13.91	16.68	23.52
5825MHz	Pass	6.84	13.47	13.86	16.68	23.52
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.84	8.49	8.7	11.61	18.45
5200MHz	Pass	6.84	11.02	11.27	14.16	21.00
5240MHz	Pass	6.84	11.1	11.13	14.13	20.97
5260MHz	Pass	6.84	10.78	10.7	13.75	20.59
5300MHz	Pass	6.84	10.78	10.49	13.65	20.49
5320MHz	Pass	6.84	8.22	7.93	11.09	17.93
5500MHz	Pass	6.84	7.46	7.38	10.43	17.27
5580MHz	Pass	6.84	10.93	10.77	13.86	20.70
5700MHz	Pass	6.84	4.47	4.51	7.50	14.34
5745MHz	Pass	6.84	13.51	13.81	16.67	23.51
5785MHz	Pass	6.84	13.34	13.61	16.49	23.33
5825MHz	Pass	6.84	13.51	13.9	16.72	23.56
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.84	11.58	11.72	14.66	21.50
5200MHz	Pass	6.84	13.92	14.17	17.06	23.90
5240MHz	Pass	6.84	13.91	14.07	17.00	23.84

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5260MHz	Pass	6.84	13.78	13.68	16.74	23.58
5300MHz	Pass	6.84	13.77	13.64	16.72	23.56
5320MHz	Pass	6.84	11.28	11.2	14.25	21.09
5500MHz	Pass	6.84	10.58	10.53	13.57	20.41
5580MHz	Pass	6.84	13.9	13.88	16.90	23.74
5700MHz	Pass	6.84	7.27	7.55	10.42	17.26
5745MHz	Pass	6.84	16.56	16.86	19.72	26.56
5785MHz	Pass	6.84	16.44	16.67	19.57	26.41
5825MHz	Pass	6.84	16.11	16.65	19.40	26.24
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.84	11.7	11.79	14.76	21.60
5200MHz	Pass	6.84	13.99	14.2	17.11	23.95
5240MHz	Pass	6.84	14.06	14.12	17.10	23.94
5260MHz	Pass	6.84	13.87	13.71	16.80	23.64
5300MHz	Pass	6.84	13.9	13.69	16.81	23.65
5320MHz	Pass	6.84	11.39	11.25	14.33	21.17
5500MHz	Pass	6.84	10.67	10.5	13.60	20.44
5580MHz	Pass	6.84	13.97	13.81	16.90	23.74
5700MHz	Pass	6.84	7.38	7.51	10.46	17.30
5745MHz	Pass	6.84	16.58	16.89	19.75	26.59
5785MHz	Pass	6.84	16.58	16.7	19.65	26.49
5825MHz	Pass	6.84	16.43	16.62	19.54	26.38
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	-0.15	0.05	2.96	9.80
5230MHz	Pass	6.84	4.16	4.39	7.29	14.13
5270MHz	Pass	6.84	4.15	4.18	7.18	14.02
5310MHz	Pass	6.84	-0.39	-0.13	2.75	9.59
5510MHz	Pass	6.84	-2.23	-2.15	0.82	7.66
5590MHz	Pass	6.84	4.94	5.21	8.09	14.93
5670MHz	Pass	6.84	1.44	1.33	4.40	11.24
5755MHz	Pass	6.84	6.31	6.49	9.41	16.25
5795MHz	Pass	6.84	6.78	7.39	10.11	16.95
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	0.7	0.94	3.83	10.67
5230MHz	Pass	6.84	5.41	5.52	8.48	15.32
5270MHz	Pass	6.84	5.27	5.67	8.48	15.32
5310MHz	Pass	6.84	0.53	0.47	3.51	10.35
5510MHz	Pass	6.84	-1.12	-0.87	2.02	8.86
5590MHz	Pass	6.84	5.72	6.2	8.98	15.82
5670MHz	Pass	6.84	2.24	2.44	5.35	12.19
5755MHz	Pass	6.84	7.13	7.22	10.19	17.03
5795MHz	Pass	6.84	8.41	8.65	11.54	18.38

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	-0.23	0.16	2.98	9.82
5230MHz	Pass	6.84	4.31	4.4	7.37	14.21
5270MHz	Pass	6.84	4.16	4.1	7.14	13.98
5310MHz	Pass	6.84	-0.69	-0.55	2.39	9.23
5510MHz	Pass	6.84	-1.97	-2.11	0.97	7.81
5590MHz	Pass	6.84	4.84	5.16	8.01	14.85
5670MHz	Pass	6.84	1.34	1.49	4.43	11.27
5755MHz	Pass	6.84	6.38	6.33	9.37	16.21
5795MHz	Pass	6.84	7.15	7.25	10.21	17.05
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	3.16	3.12	6.15	12.99
5230MHz	Pass	6.84	7.29	7.54	10.43	17.27
5270MHz	Pass	6.84	7.61	7.45	10.54	17.38
5310MHz	Pass	6.84	2.38	2.64	5.52	12.36
5510MHz	Pass	6.84	0.78	1.4	4.11	10.95
5590MHz	Pass	6.84	8.26	8.13	11.21	18.05
5670MHz	Pass	6.84	4.22	4.33	7.29	14.13
5755MHz	Pass	6.84	9	9.15	12.09	18.93
5795MHz	Pass	6.84	10.03	10.45	13.26	20.10
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	3.39	3.6	6.51	13.35
5230MHz	Pass	6.84	8.15	8.4	11.29	18.13
5270MHz	Pass	6.84	8.43	8.29	11.37	18.21
5310MHz	Pass	6.84	3.02	3.38	6.21	13.05
5510MHz	Pass	6.84	1.73	2.01	4.88	11.72
5590MHz	Pass	6.84	8.74	8.96	11.86	18.70
5670MHz	Pass	6.84	5.05	5.33	8.20	15.04
5755MHz	Pass	6.84	9.74	9.93	12.85	19.69
5795MHz	Pass	6.84	11.33	11.56	14.46	21.30
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	2.85	2.99	5.93	12.77
5230MHz	Pass	6.84	7.25	7.75	10.52	17.36
5270MHz	Pass	6.84	7.78	7.39	10.60	17.44
5310MHz	Pass	6.84	2.33	2.24	5.30	12.14
5510MHz	Pass	6.84	1.02	1.15	4.10	10.94
5590MHz	Pass	6.84	8.21	8.13	11.18	18.02
5670MHz	Pass	6.84	4.06	4.23	7.16	14.00
5755MHz	Pass	6.84	9.07	9.26	12.18	19.02
5795MHz	Pass	6.84	10.28	10.46	13.38	20.22
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	5.58	6.18	8.90	15.74

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5230MHz	Pass	6.84	10.73	10.75	13.75	20.59
5270MHz	Pass	6.84	10.83	10.72	13.79	20.63
5310MHz	Pass	6.84	5.61	5.55	8.59	15.43
5510MHz	Pass	6.84	4.44	4.54	7.50	14.34
5590MHz	Pass	6.84	11.34	11.45	14.41	21.25
5670MHz	Pass	6.84	8.08	7.93	11.02	17.86
5755MHz	Pass	6.84	12.23	12.36	15.31	22.15
5795MHz	Pass	6.84	13.32	13.72	16.53	23.37
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	6.28	6.84	9.58	16.42
5230MHz	Pass	6.84	11.46	11.34	14.41	21.25
5270MHz	Pass	6.84	11.46	11.34	14.41	21.25
5310MHz	Pass	6.84	6.24	6.12	9.19	16.03
5510MHz	Pass	6.84	5.03	5	8.03	14.87
5590MHz	Pass	6.84	11.92	11.86	14.90	21.74
5670MHz	Pass	6.84	8.46	8.47	11.48	18.32
5755MHz	Pass	6.84	12.76	12.9	15.84	22.68
5795MHz	Pass	6.84	14.27	14.5	17.40	24.24
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	5.59	6.34	8.99	15.83
5230MHz	Pass	6.84	10.95	10.86	13.92	20.76
5270MHz	Pass	6.84	10.78	10.83	13.82	20.66
5310MHz	Pass	6.84	5.51	5.5	8.52	15.36
5510MHz	Pass	6.84	4.36	4.54	7.46	14.30
5590MHz	Pass	6.84	11.5	11.45	14.49	21.33
5670MHz	Pass	6.84	8.04	7.8	10.93	17.77
5755MHz	Pass	6.84	12.27	12.46	15.38	22.22
5795MHz	Pass	6.84	13.51	13.87	16.70	23.54
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	9.71	9.8	12.77	19.61
5230MHz	Pass	6.84	14.38	14.42	17.41	24.25
5270MHz	Pass	6.84	14.63	14.36	17.51	24.35
5310MHz	Pass	6.84	9.56	9.29	12.44	19.28
5510MHz	Pass	6.84	8.04	8.19	11.13	17.97
5590MHz	Pass	6.84	15.17	15.03	18.11	24.95
5670MHz	Pass	6.84	11.59	11.52	14.57	21.41
5755MHz	Pass	6.84	16.13	16.11	19.13	25.97
5795MHz	Pass	6.84	17.39	17.62	20.52	27.36
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.84	9.48	9.91	12.71	19.55
5230MHz	Pass	6.84	14.41	14.51	17.47	24.31
5270MHz	Pass	6.84	14.54	14.38	17.47	24.31

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5310MHz	Pass	6.84	9.4	9.27	12.35	19.19
5510MHz	Pass	6.84	8.24	8.08	11.17	18.01
5590MHz	Pass	6.84	15.22	15.04	18.14	24.98
5670MHz	Pass	6.84	11.57	11.59	14.59	21.43
5755MHz	Pass	6.84	16.07	16.14	19.12	25.96
5795MHz	Pass	6.84	17.46	17.53	20.51	27.35
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	-4.28	-4.33	-1.29	5.55
5290MHz	Pass	6.84	-2.92	-3.03	0.04	6.88
5530MHz	Pass	6.84	-4.94	-4.58	-1.75	5.09
5610MHz	Pass	6.84	0.61	0.98	3.81	10.65
5775MHz	Pass	6.84	0.87	0.57	3.73	10.57
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	-4	-3.84	-0.91	5.93
5290MHz	Pass	6.84	-2.69	-2.56	0.39	7.23
5530MHz	Pass	6.84	-4.51	-4.3	-1.39	5.45
5610MHz	Pass	6.84	1.3	1.51	4.42	11.26
5775MHz	Pass	6.84	1.09	0.91	4.01	10.85
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	-4.61	-4.48	-1.53	5.31
5290MHz	Pass	6.84	-3.35	-3.24	-0.28	6.56
5530MHz	Pass	6.84	-5.6	-5.51	-2.54	4.30
5610MHz	Pass	6.84	0.39	0.79	3.60	10.44
5775MHz	Pass	6.84	0.66	0.42	3.55	10.39
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	-1.36	-1.15	1.76	8.60
5290MHz	Pass	6.84	-0.09	0.01	2.97	9.81
5530MHz	Pass	6.84	-1.77	-1.74	1.26	8.10
5610MHz	Pass	6.84	3.58	3.87	6.74	13.58
5775MHz	Pass	6.84	3.6	3.9	6.76	13.60
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	-1.21	-0.65	2.09	8.93
5290MHz	Pass	6.84	0.15	0.34	3.26	10.10
5530MHz	Pass	6.84	-1.77	-1.12	1.58	8.42
5610MHz	Pass	6.84	3.88	4.74	7.34	14.18
5775MHz	Pass	6.84	4.04	4.35	7.21	14.05
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	-1.72	-1.33	1.49	8.33
5290MHz	Pass	6.84	-0.46	-0.4	2.58	9.42
5530MHz	Pass	6.84	-2.4	-1.92	0.86	7.70
5610MHz	Pass	6.84	3.21	3.7	6.47	13.31
5775MHz	Pass	6.84	3.48	3.63	6.57	13.41

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	1.35	1.62	4.50	11.34
5290MHz	Pass	6.84	2.71	2.91	5.82	12.66
5530MHz	Pass	6.84	1.27	1.56	4.43	11.27
5610MHz	Pass	6.84	6.6	6.73	9.68	16.52
5775MHz	Pass	6.84	6.61	6.96	9.80	16.64
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	1.86	2.08	4.98	11.82
5290MHz	Pass	6.84	3.02	3.36	6.20	13.04
5530MHz	Pass	6.84	1.32	1.55	4.45	11.29
5610MHz	Pass	6.84	6.96	6.81	9.90	16.74
5775MHz	Pass	6.84	6.97	7.28	10.14	16.98
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	0.96	1.29	4.14	10.98
5290MHz	Pass	6.84	2.4	2.85	5.64	12.48
5530MHz	Pass	6.84	0.68	1.33	4.03	10.87
5610MHz	Pass	6.84	6.51	6.32	9.43	16.27
5775MHz	Pass	6.84	6.56	6.72	9.65	16.49
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	4.96	5.08	8.03	14.87
5290MHz	Pass	6.84	6.37	6.21	9.30	16.14
5530MHz	Pass	6.84	4.53	5.05	7.81	14.65
5610MHz	Pass	6.84	10.21	10.35	13.29	20.13
5775MHz	Pass	6.84	9.69	9.81	12.76	19.60
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	5.36	5.62	8.50	15.34
5290MHz	Pass	6.84	6.58	6.81	9.71	16.55
5530MHz	Pass	6.84	4.73	4.96	7.86	14.70
5610MHz	Pass	6.84	10.83	10.59	13.72	20.56
5775MHz	Pass	6.84	10.65	10.42	13.55	20.39
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	4.87	4.87	7.88	14.72
5290MHz	Pass	6.84	5.89	5.77	8.84	15.68
5530MHz	Pass	6.84	4.23	4.75	7.51	14.35
5610MHz	Pass	6.84	10.14	10.05	13.11	19.95
5775MHz	Pass	6.84	9.46	9.82	12.65	19.49
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	7.84	8.47	11.18	18.02
5290MHz	Pass	6.84	9.4	9.56	12.49	19.33
5530MHz	Pass	6.84	7.72	7.69	10.72	17.56
5610MHz	Pass	6.84	13.17	12.98	16.09	22.93
5775MHz	Pass	6.84	12.95	13.05	16.01	22.85

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.84	8.07	8.22	11.16	18.00
5290MHz	Pass	6.84	9.23	9.42	12.34	19.18
5530MHz	Pass	6.84	7.71	7.66	10.70	17.54
5610MHz	Pass	6.84	13.36	12.99	16.19	23.03
5775MHz	Pass	6.84	13.04	13.19	16.13	22.97

DG = Directional Gain=10 * log((10$^{3.84/20}$+10$^{3.82/20}$)^2/2=6.84 dBi
Port X = Port X

Ambient Condition	24°C / 66%	Tested By	Aska Huang

Non-beamforming

Straddle channels

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	13.82	0.02410	17.66	0.05834
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	14.04	0.02535	17.88	0.06138
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	-5.05	0.00031	-1.21	0.00076
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	16.75	0.04732	20.59	0.11455
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	16.95	0.04955	20.79	0.11995
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	-0.81	0.00083	3.03	0.00201
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	19.79	0.09528	23.63	0.23067
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	16.40	0.04365	20.24	0.10568
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	11.25	0.01334	15.09	0.03228
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	11.81	0.01517	15.65	0.03673
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	-7.44	0.00018	-3.60	0.00044
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	14.06	0.02547	17.90	0.06166
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	14.55	0.02851	18.39	0.06902
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	1.25	0.00133	5.09	0.00323
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	17.22	0.05272	21.06	0.12764
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	17.73	0.05929	21.57	0.14355
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	14.43	0.02773	18.27	0.06714
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	20.96	0.12474	24.80	0.30200
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	19.90	0.09772	23.74	0.23659
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	8.23	0.00665	12.07	0.01611
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	8.80	0.00759	12.64	0.01837
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-10.06	0.00010	-6.22	0.00024
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	10.79	0.01199	14.63	0.02904
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	11.57	0.01435	15.41	0.03475
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	-2.96	0.00051	0.88	0.00122
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	14.09	0.02564	17.93	0.06209
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	14.58	0.02871	18.42	0.06950
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	11.03	0.01268	14.87	0.03069
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	17.56	0.05702	21.40	0.13804
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	18.06	0.06397	21.90	0.15488
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	16.22	0.04188	20.06	0.10139
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	20.69	0.11722	24.53	0.28379
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	20.25	0.10593	24.09	0.25645
5.725-5.85GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-10.63	0.00009	-6.79	0.00021
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	-11.49	0.00007	-7.65	0.00017

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	13.81	0.02404	17.65	0.05821
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	-7.86	0.00016	-4.02	0.00040
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-8.10	0.00015	-4.26	0.00037
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	16.78	0.04764	20.62	0.11535
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-4.34	0.00037	-0.50	0.00089
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	17.02	0.05035	20.86	0.12190
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	-29.69	0.00000	-25.85	0.00000
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	-13.55	0.00004	-9.71	0.00011
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	10.73	0.01183	14.57	0.02864
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	-28.23	0.00000	-24.39	0.00000
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	-10.88	0.00008	-7.04	0.00020
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	13.66	0.02323	17.50	0.05623
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	-26.25	0.00000	-22.41	0.00001
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	-25.12	0.00000	-21.28	0.00001
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	13.58	0.02280	17.42	0.05521
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	-22.38	0.00001	-18.54	0.00001
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	13.58	0.02280	17.42	0.05521
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-31.49	0.00000	-27.65	0.00000
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-31.20	0.00000	-27.36	0.00000
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	7.38	0.00547	11.22	0.01324
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-31.19	0.00000	-27.35	0.00000
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	-14.18	0.00004	-10.34	0.00009
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	9.80	0.00955	13.64	0.02312
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-30.40	0.00000	-26.56	0.00000
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	-13.74	0.00004	-9.90	0.00010
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	10.35	0.01084	14.19	0.02624
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-29.09	0.00000	-25.25	0.00000
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-29.02	0.00000	-25.18	0.00000
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	9.92	0.00982	13.76	0.02377
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-27.15	0.00000	-23.31	0.00000
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	9.94	0.00986	13.78	0.02388

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	10.77	10.85	13.82	17.66
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	-13.52	-13.77	-10.63	-6.79
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	10.92	11.14	14.04	17.88
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	-14.79	-14.23	-11.49	-7.65
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	-8.20	-7.92	-5.05	-1.21
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	10.76	10.84	13.81	17.65
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	13.60	13.88	16.75	20.59
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	-11.01	-10.74	-7.86	-4.02
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	13.83	14.04	16.95	20.79
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	-11.14	-11.08	-8.10	-4.26
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	-4.00	-3.65	-0.81	3.03
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	13.66	13.87	16.78	20.62
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	16.63	16.92	19.79	23.63
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	-7.86	-6.90	-4.34	-0.50
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	3.84	13.27	13.51	16.40	20.24
5720MHz Straddle 5.725-5.85GHz	Pass	3.84	13.93	14.09	17.02	20.86
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	8.23	8.24	11.25	15.09
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	-32.60	-32.80	-29.69	-25.85
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	8.66	8.94	11.81	15.65
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	-16.62	-16.50	-13.55	-9.71
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	-10.90	-10.05	-7.44	-3.60
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	7.77	7.66	10.73	14.57
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	10.89	11.20	14.06	17.90
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	-31.19	-31.30	-28.23	-24.39
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	11.52	11.55	14.55	18.39
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	-13.97	-13.81	-10.88	-7.04
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	-1.91	-1.61	1.25	5.09

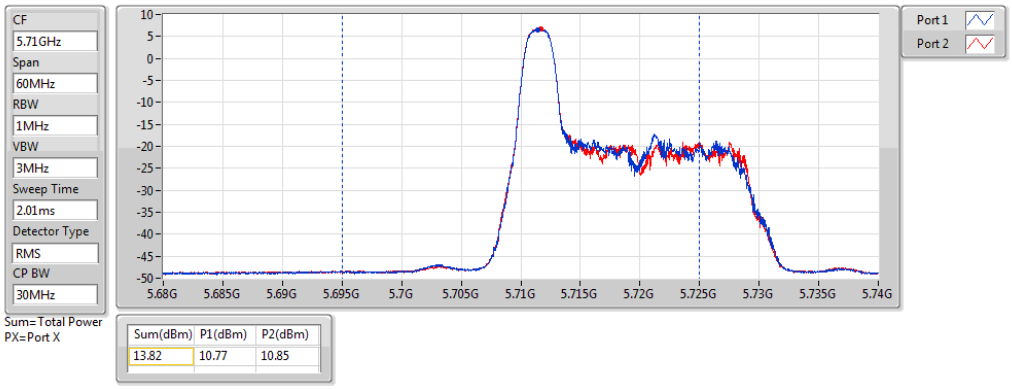
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	10.55	10.74	13.66	17.50
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	14.12	14.29	17.22	21.06
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	-29.08	-29.44	-26.25	-22.41
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	14.66	14.78	17.73	21.57
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	-28.04	-28.22	-25.12	-21.28
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	11.35	11.48	14.43	18.27
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	10.53	10.60	13.58	17.42
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	17.95	17.94	20.96	24.80
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	-25.07	-25.74	-22.38	-18.54
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	3.84	16.85	16.93	19.90	23.74
5710MHz Straddle 5.725-5.85GHz	Pass	3.84	10.60	10.53	13.58	17.42
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	5.17	5.27	8.23	12.07
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-34.38	-34.63	-31.49	-27.65
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	5.56	6.00	8.80	12.64
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-34.22	-34.21	-31.20	-27.36
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	-13.21	-12.94	-10.06	-6.22
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	4.30	4.44	7.38	11.22
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	7.59	7.97	10.79	14.63
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-34.07	-34.34	-31.19	-27.35
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	8.08	9.00	11.57	15.41
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-17.60	-16.81	-14.18	-10.34
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	-6.22	-5.74	-2.96	0.88
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	6.66	6.92	9.80	13.64
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	11.02	11.13	14.09	17.93
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-33.13	-33.71	-30.40	-26.56
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	11.55	11.58	14.58	18.42
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-16.64	-16.87	-13.74	-9.90
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	8.08	7.95	11.03	14.87

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	7.36	7.31	10.35	14.19
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	14.58	14.52	17.56	21.40
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-31.70	-32.55	-29.09	-25.25
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	15.26	14.82	18.06	21.90
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-31.69	-32.39	-29.02	-25.18
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	13.19	13.23	16.22	20.06
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	6.97	6.84	9.92	13.76
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	17.80	17.56	20.69	24.53
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	-29.67	-30.71	-27.15	-23.31
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	3.84	17.30	17.17	20.25	24.09
5690MHz Straddle 5.725-5.85GHz	Pass	3.84	7.17	6.68	9.94	13.78

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

802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX **AV Power**

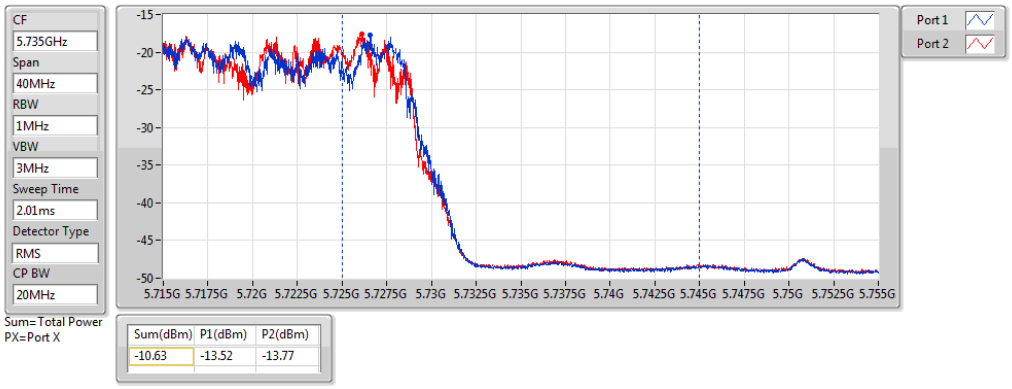
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
13.82	10.77	10.85

802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX **AV Power**

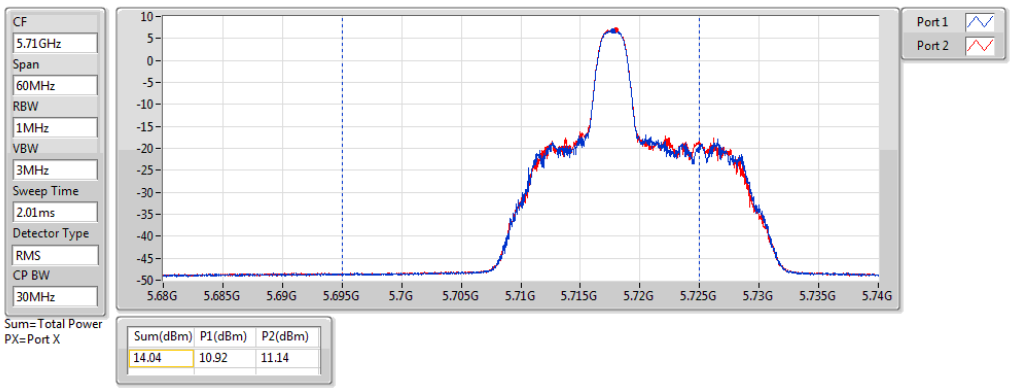
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-10.63	-13.52	-13.77

802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX **AV Power**

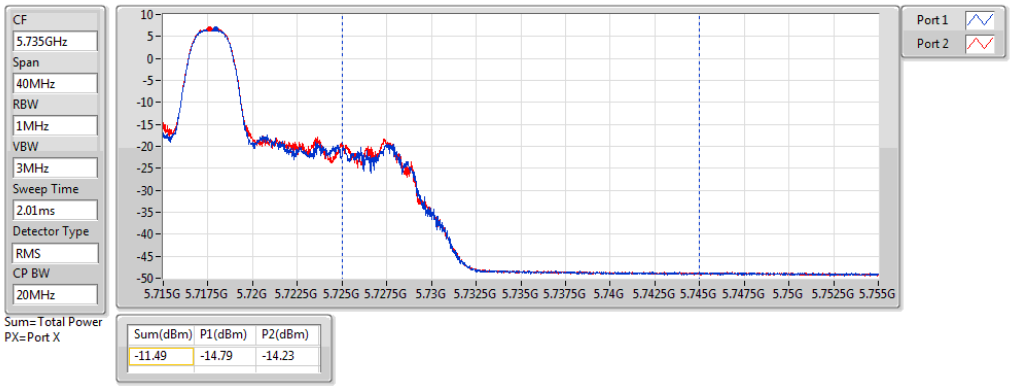
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
14.04	10.92	11.14

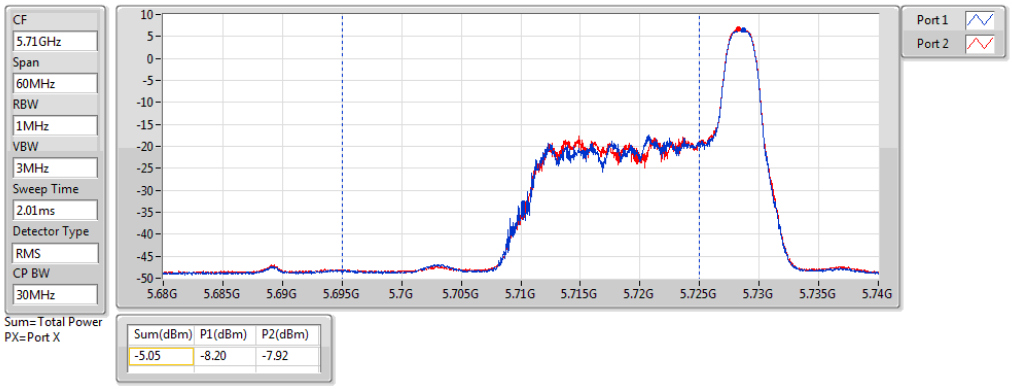
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



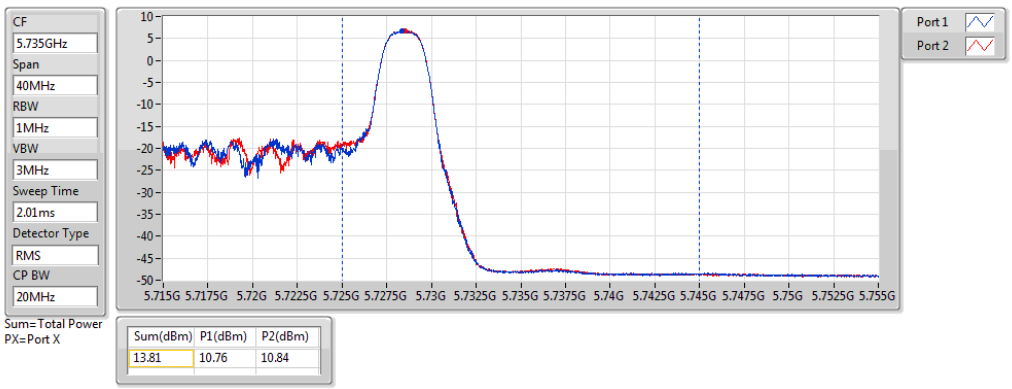
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



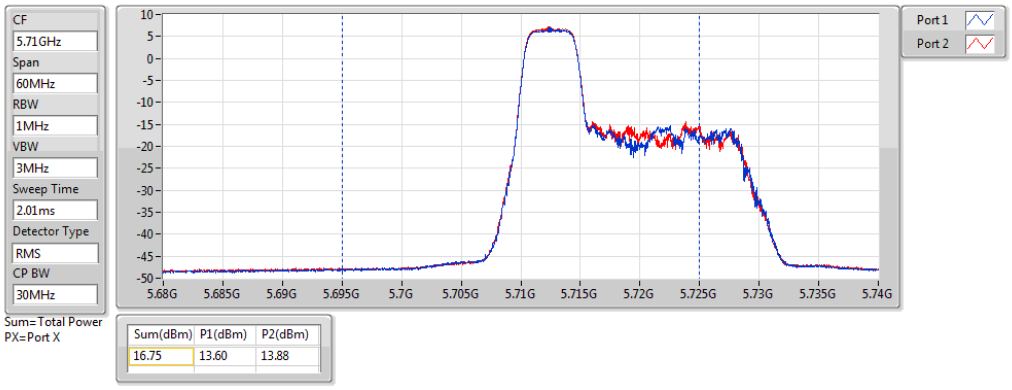
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX **AV Power**

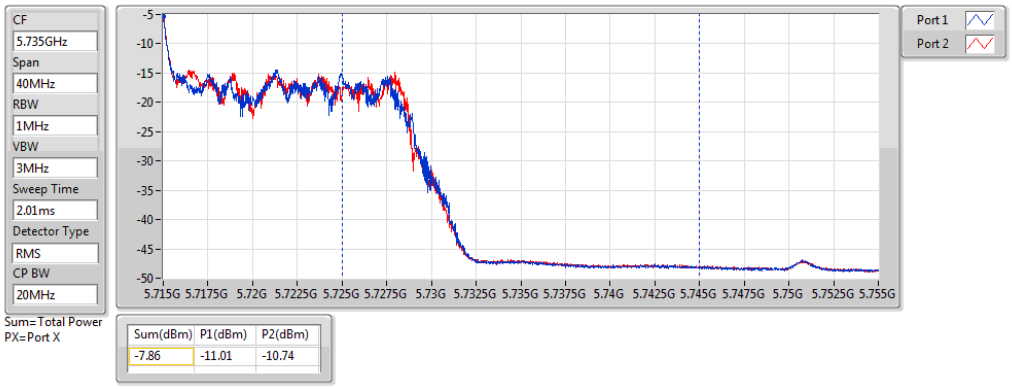
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
16.75	13.60	13.88

802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX **AV Power**

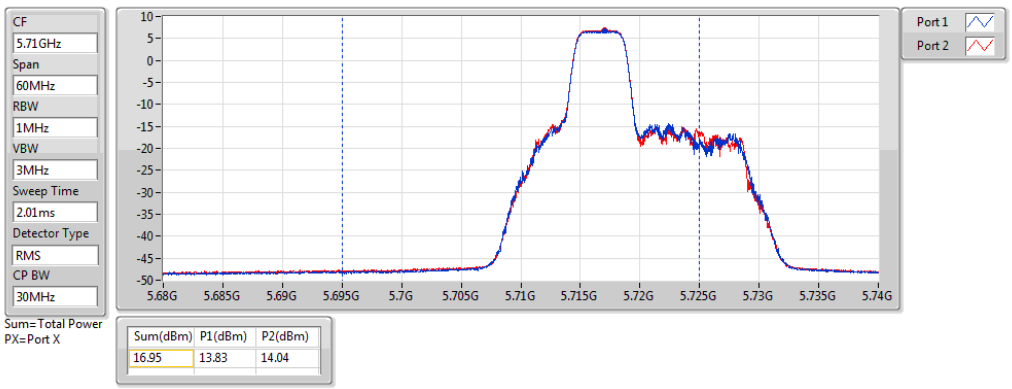
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-7.86	-11.01	-10.74

802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX **AV Power**

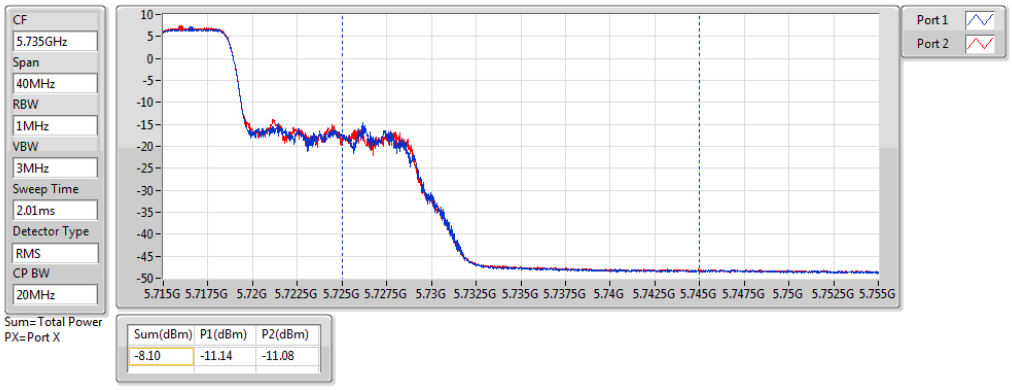
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
16.95	13.83	14.04

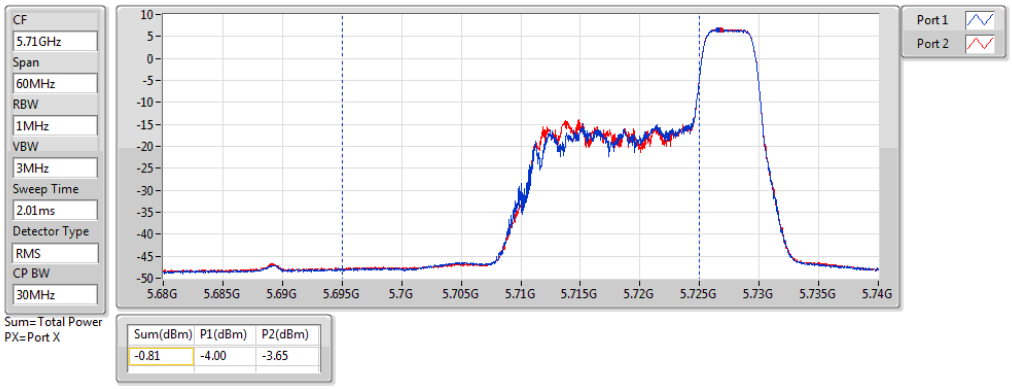
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



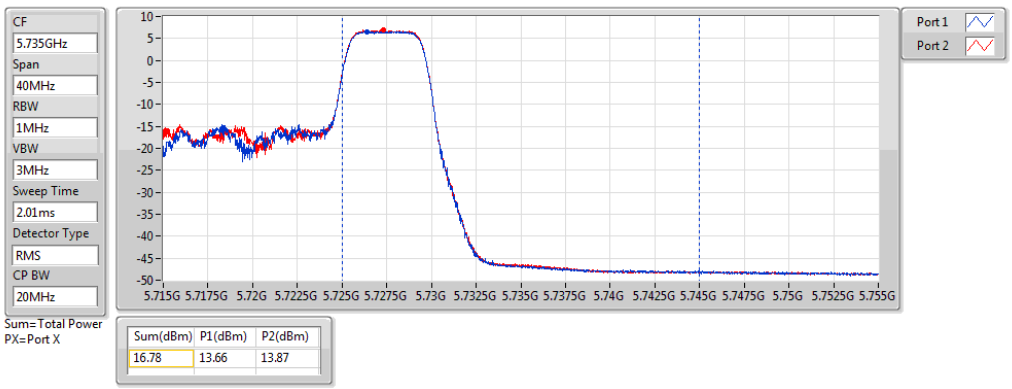
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



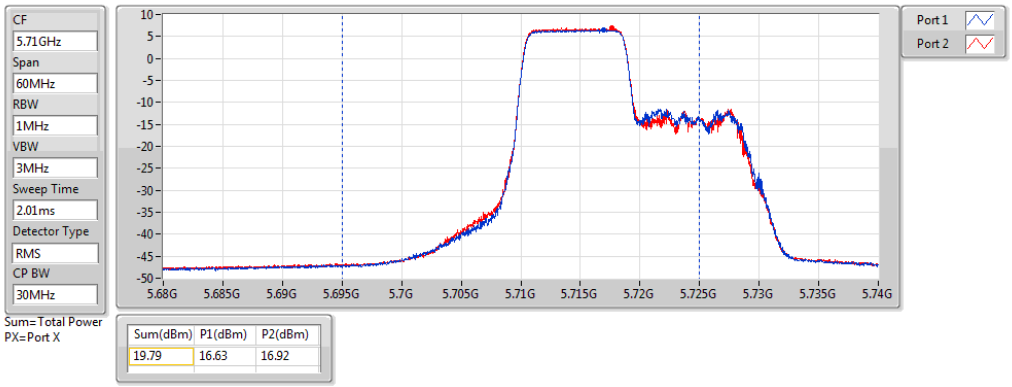
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX **AV Power**

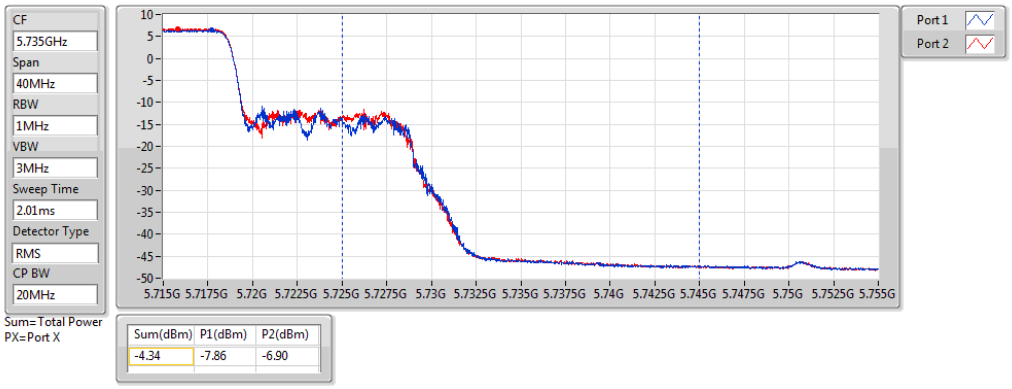
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
19.79	16.63	16.92

802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX **AV Power**

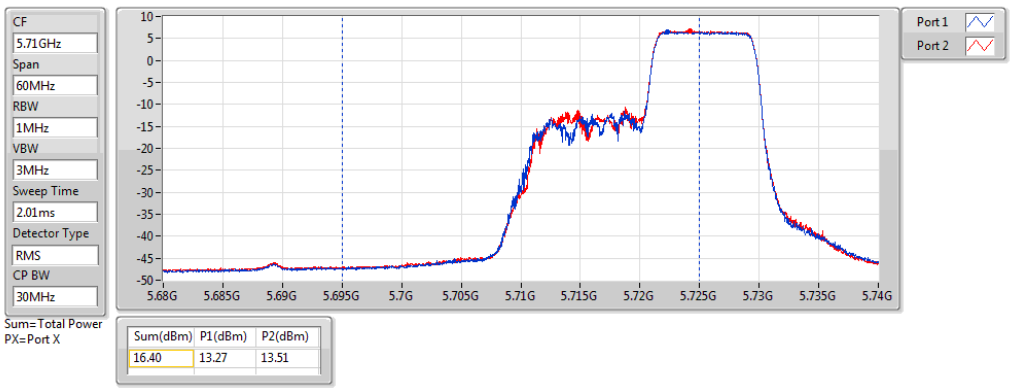
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-4.34	-7.86	-6.90

802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX **AV Power**

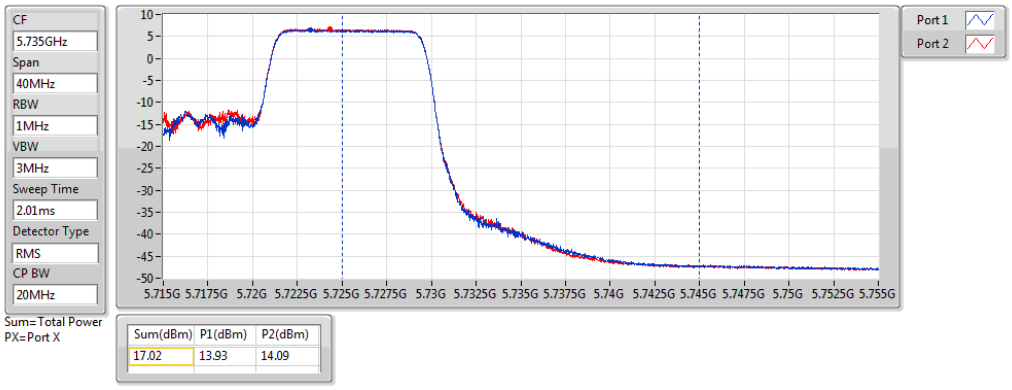
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
16.40	13.27	13.51

802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX **AV Power**

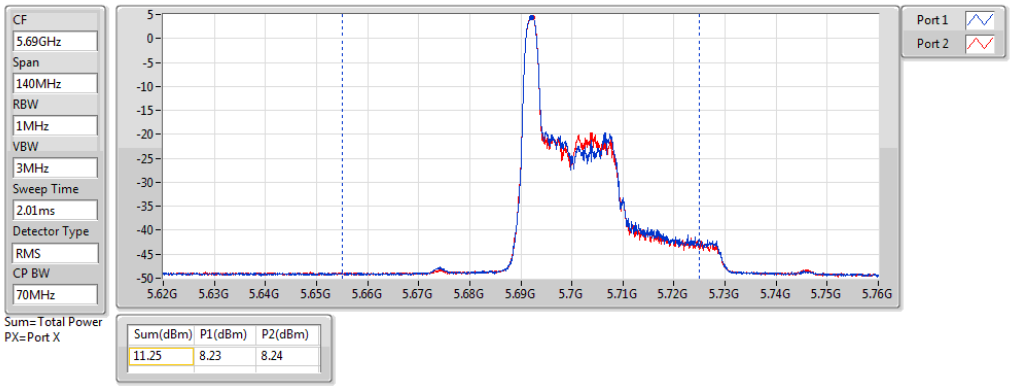
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
17.02	13.93	14.09

802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX **AV Power**

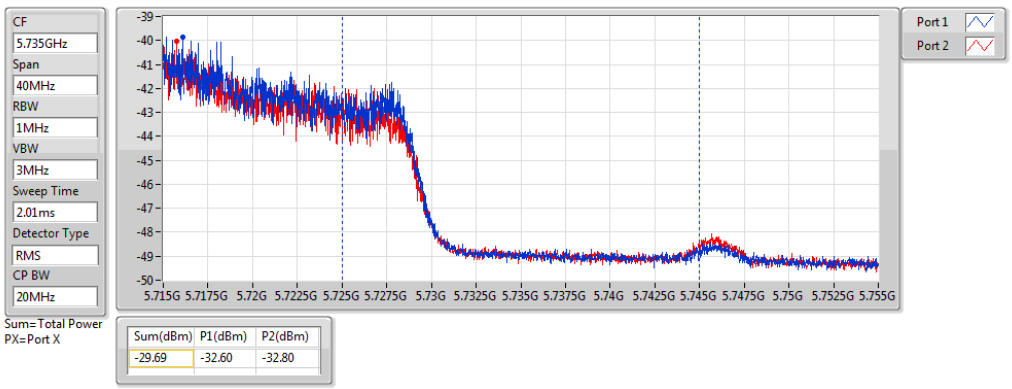
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
11.25	8.23	8.24

802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX **AV Power**

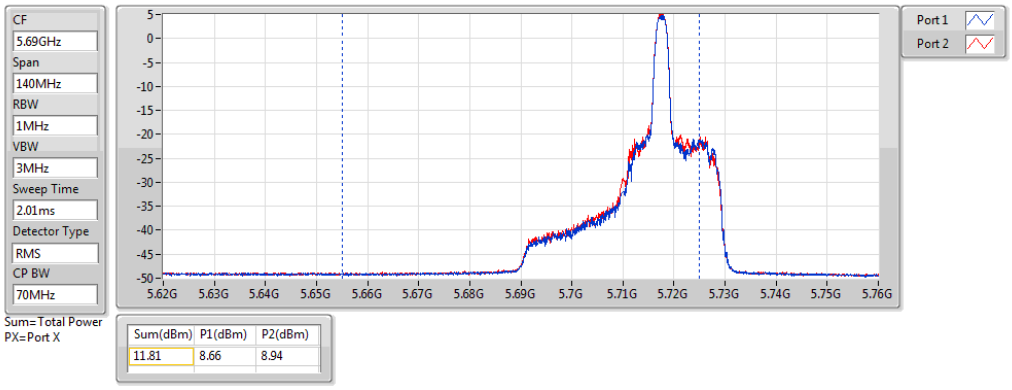
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-29.69	-32.60	-32.80

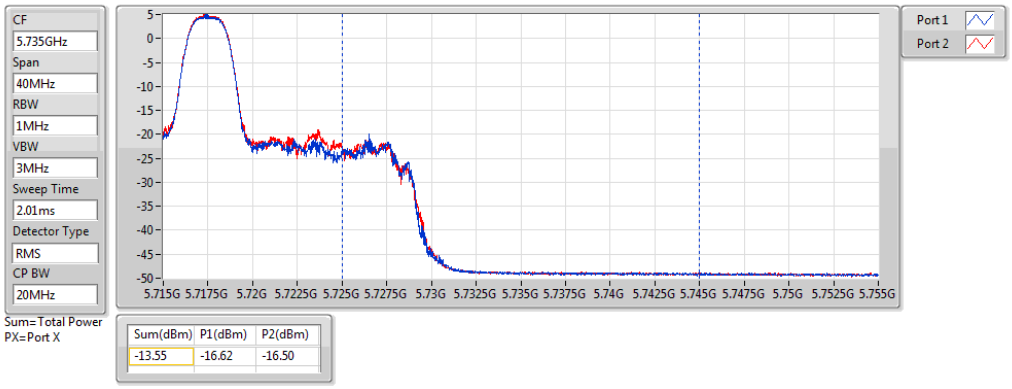
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



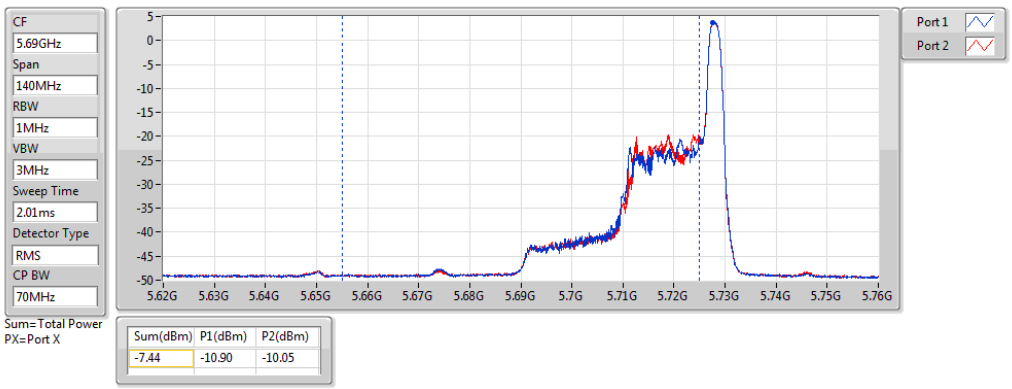
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



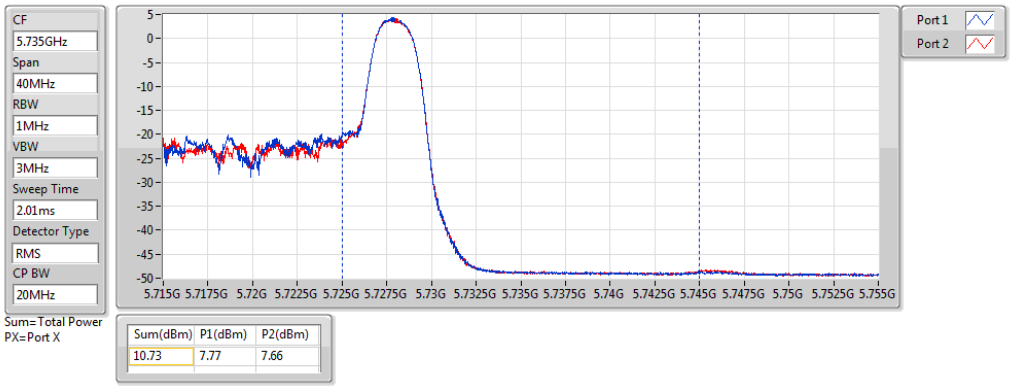
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



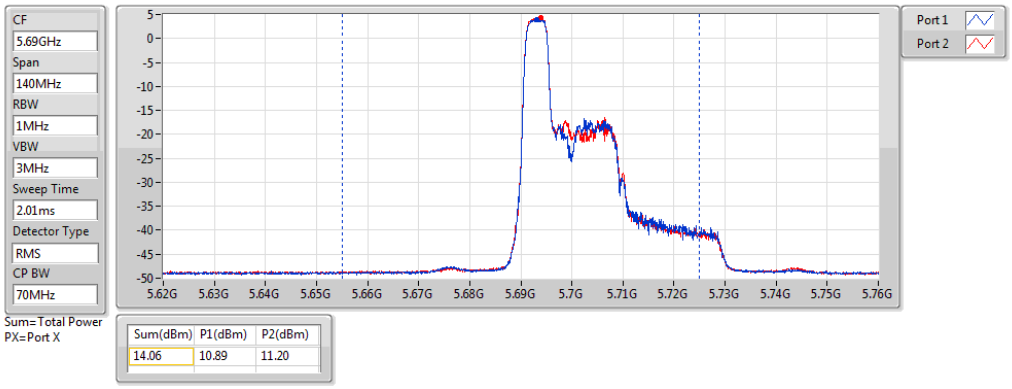
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



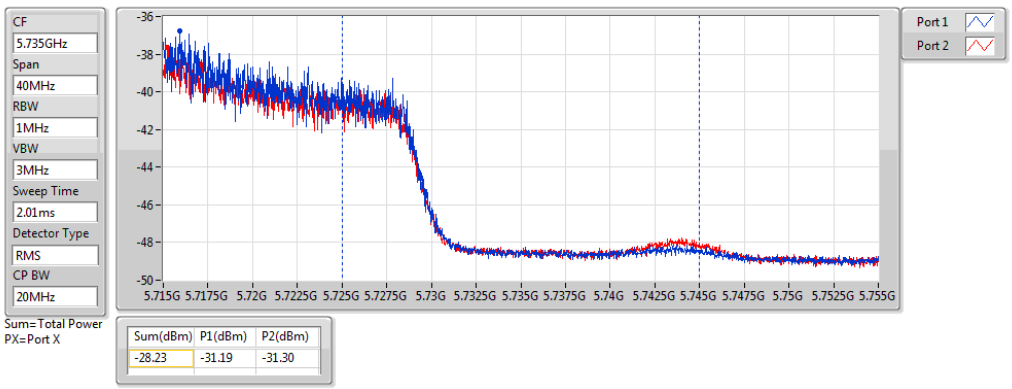
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



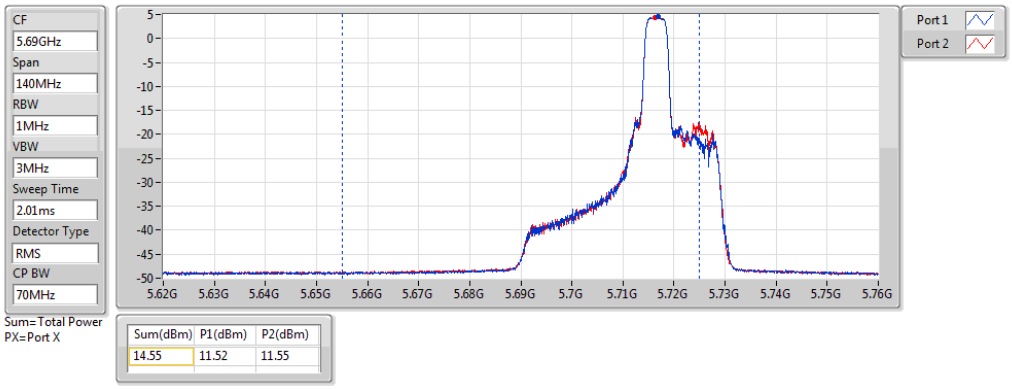
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX **AV Power**

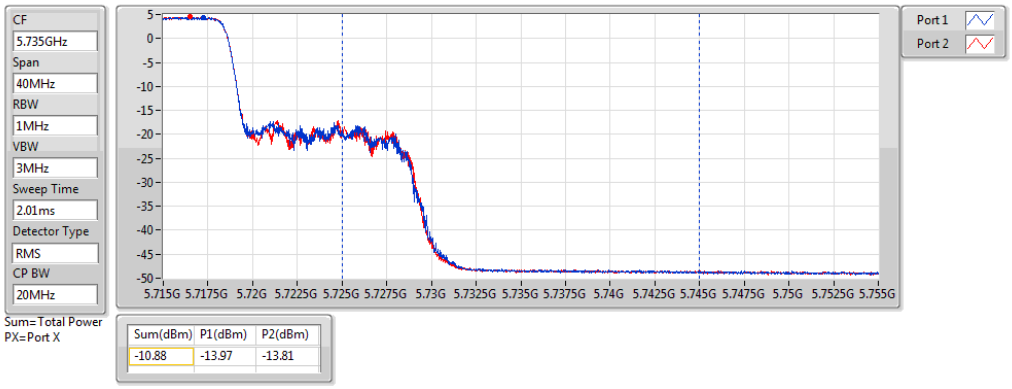
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
14.55	11.52	11.55

802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX **AV Power**

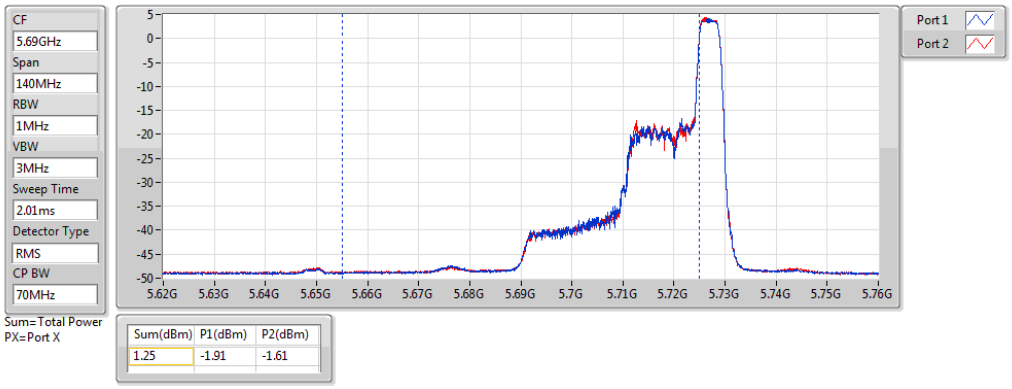
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-10.88	-13.97	-13.81

802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX **AV Power**

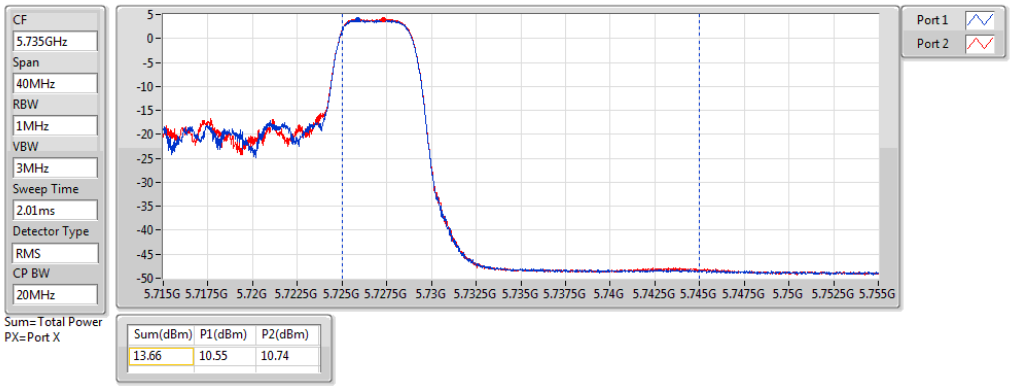
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
1.25	-1.91	-1.61

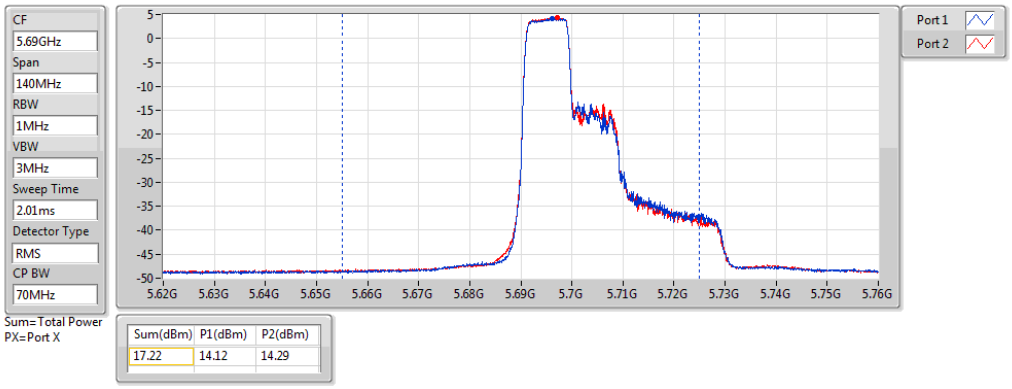
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



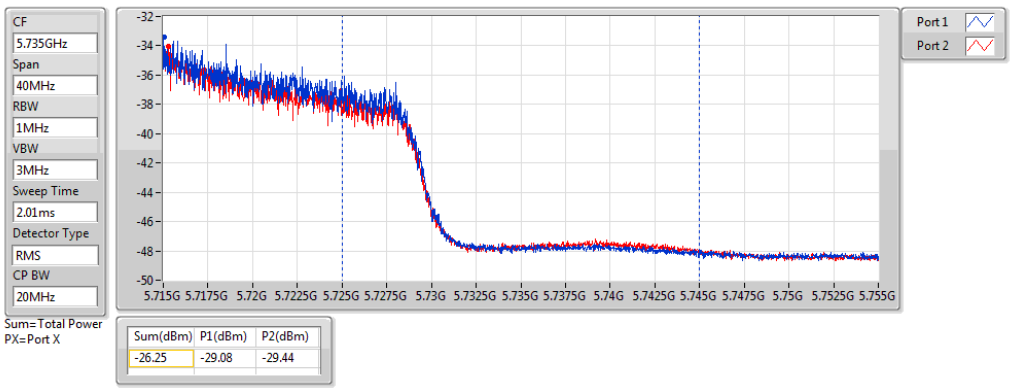
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



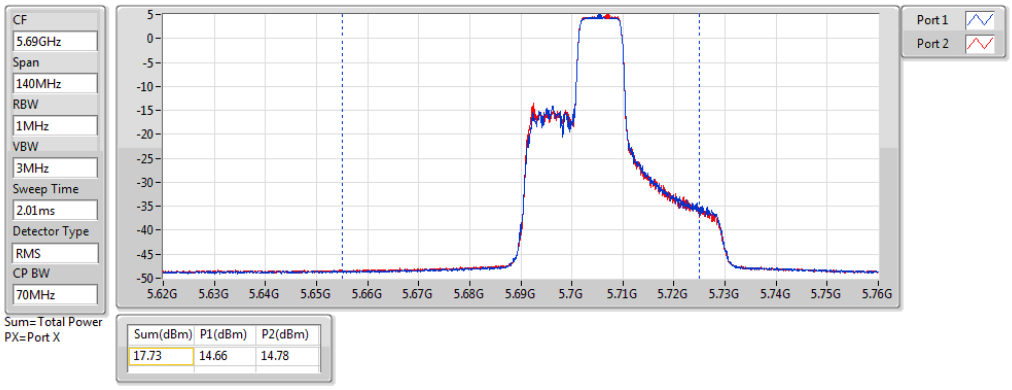
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX **AV Power**

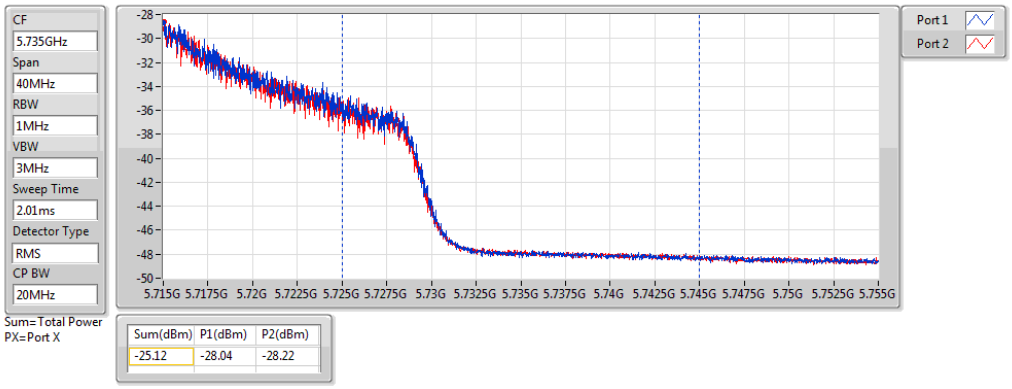
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
17.73	14.66	14.78

802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX **AV Power**

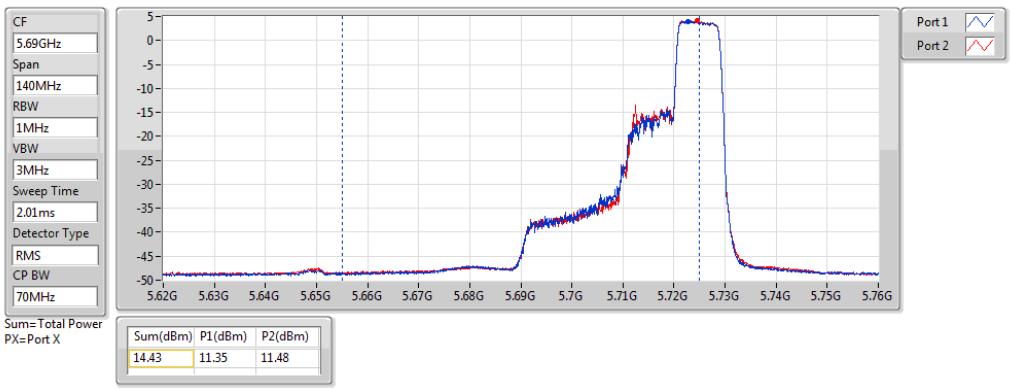
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-25.12	-28.04	-28.22

802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX **AV Power**

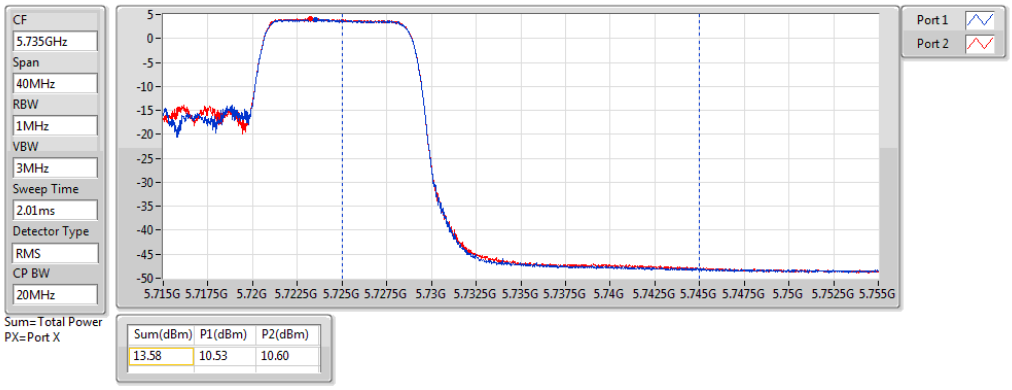
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
14.43	11.35	11.48

802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX **AV Power**

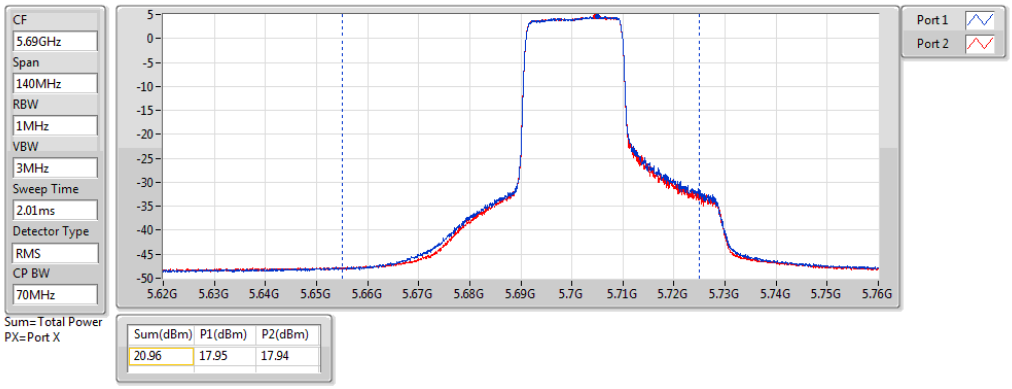
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
13.58	10.53	10.60

802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX **AV Power**

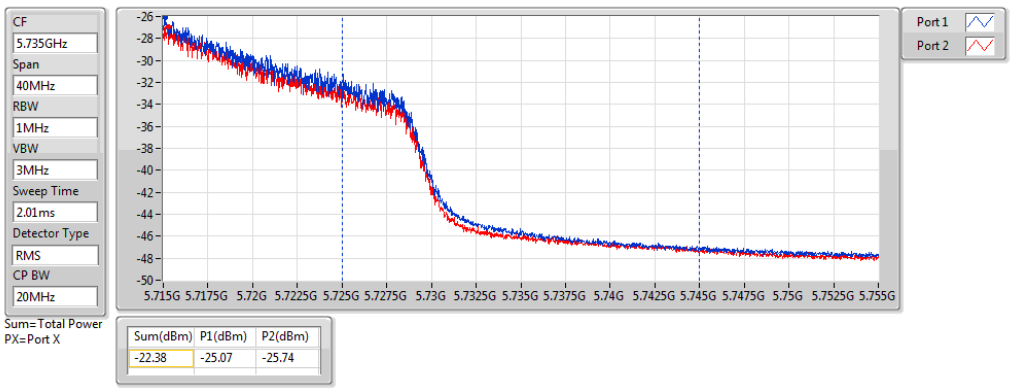
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
20.96	17.95	17.94

802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX **AV Power**

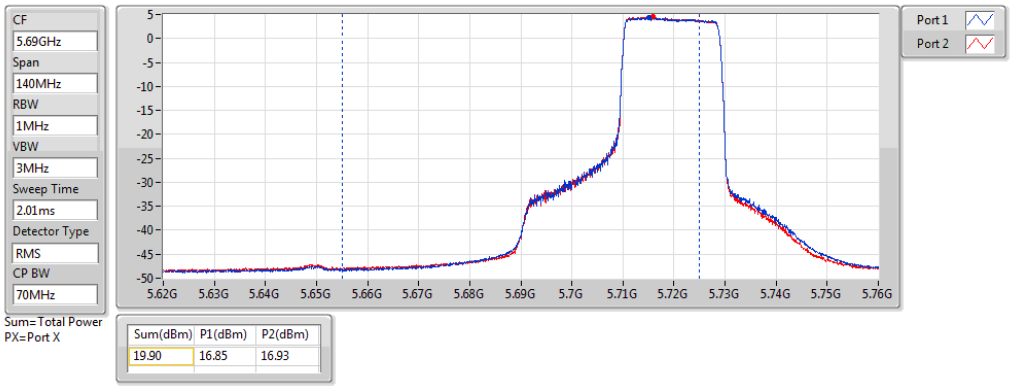
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-22.38	-25.07	-25.74

802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX **AV Power**

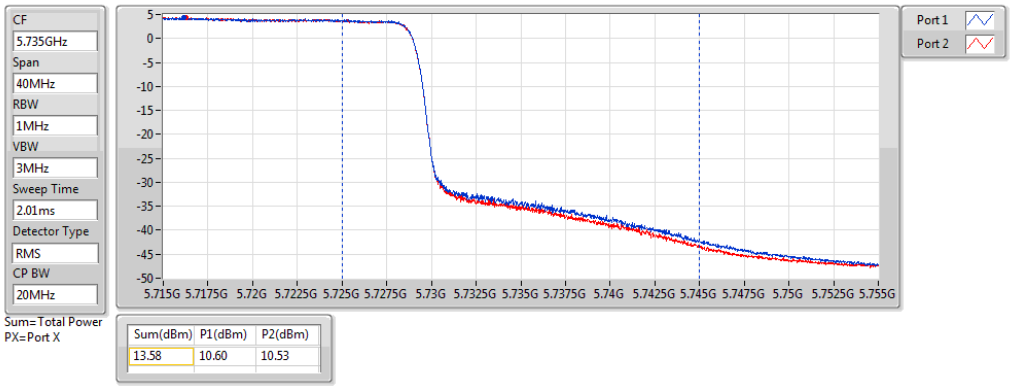
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
19.90	16.85	16.93

802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX **AV Power**

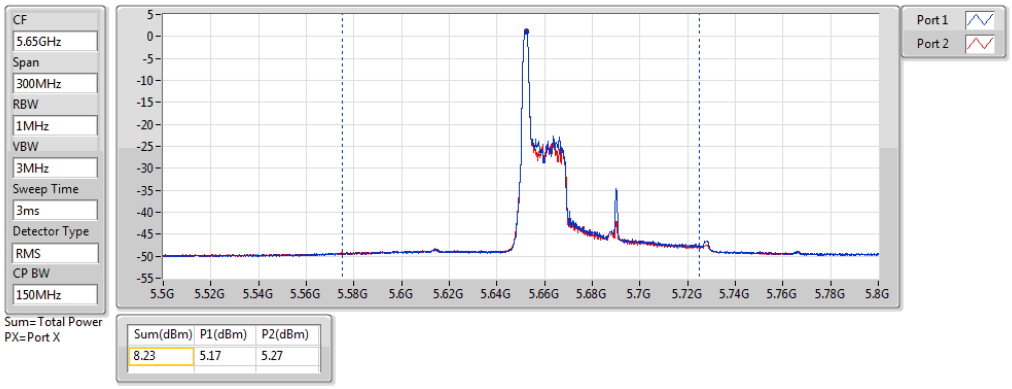
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
13.58	10.60	10.53

802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX **AV Power**

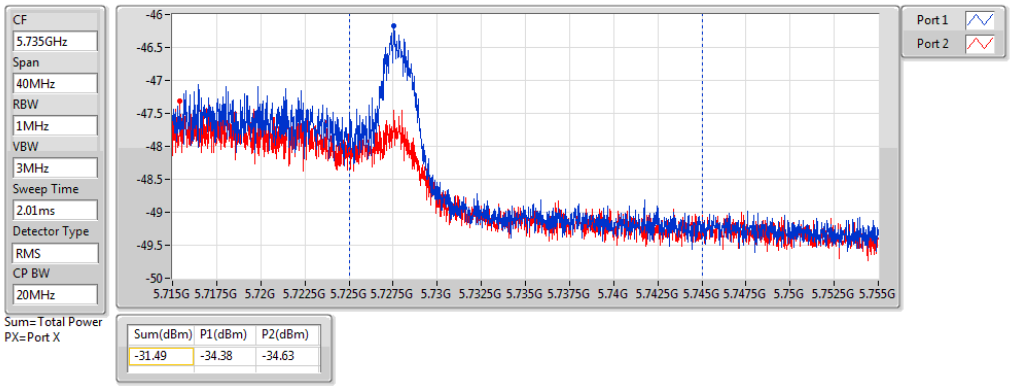
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
8.23	5.17	5.27

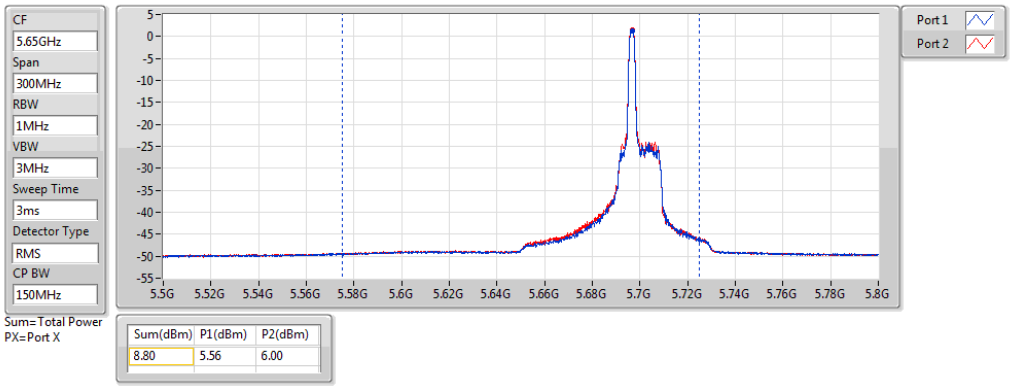
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



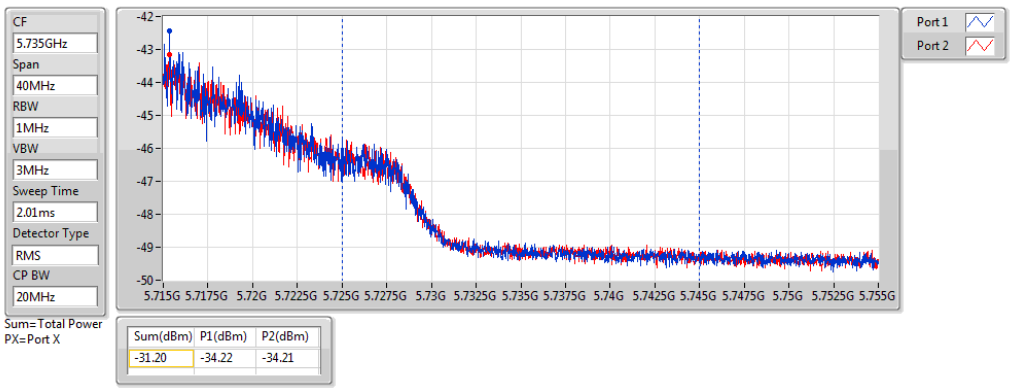
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



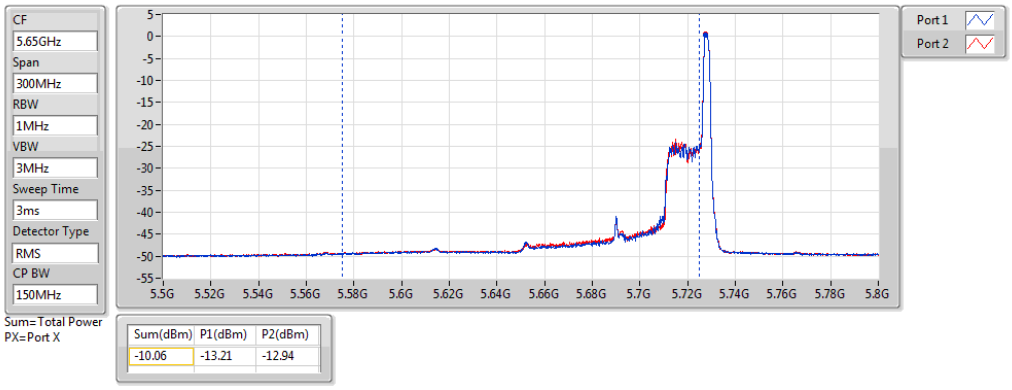
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



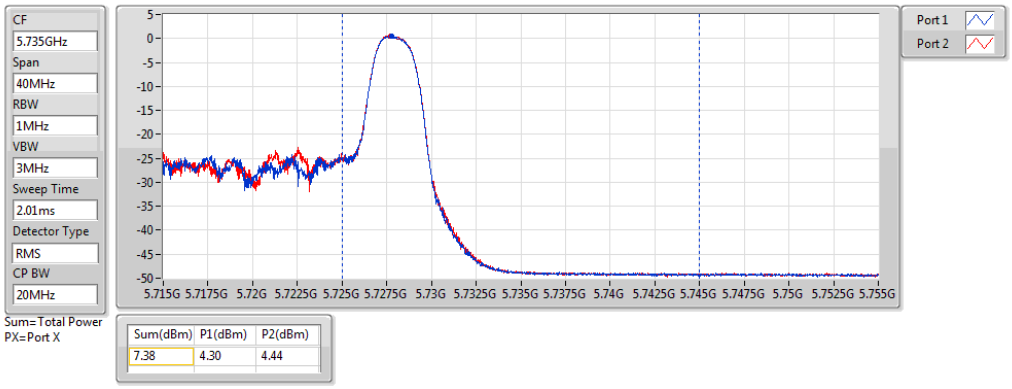
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



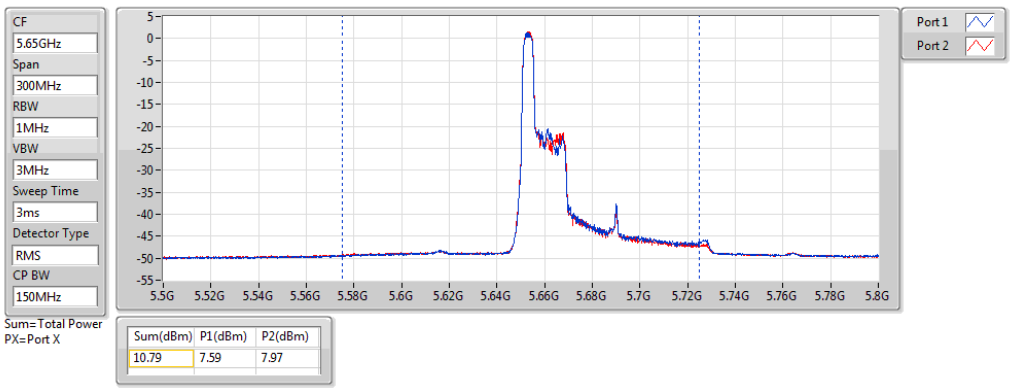
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



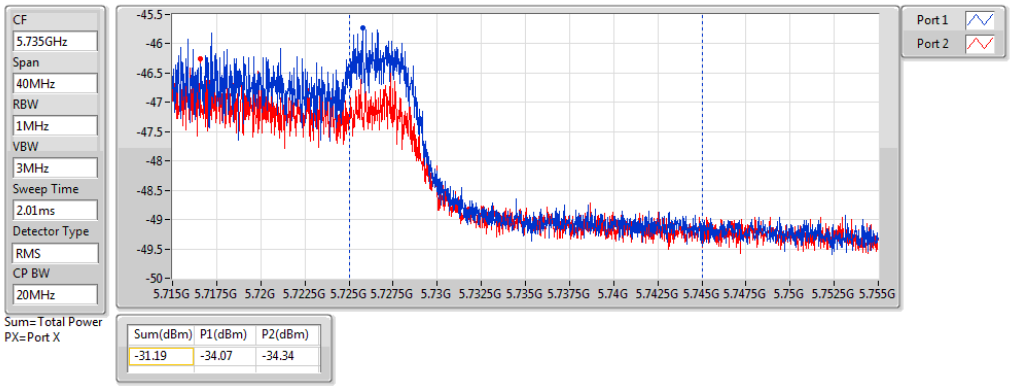
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX **AV Power**

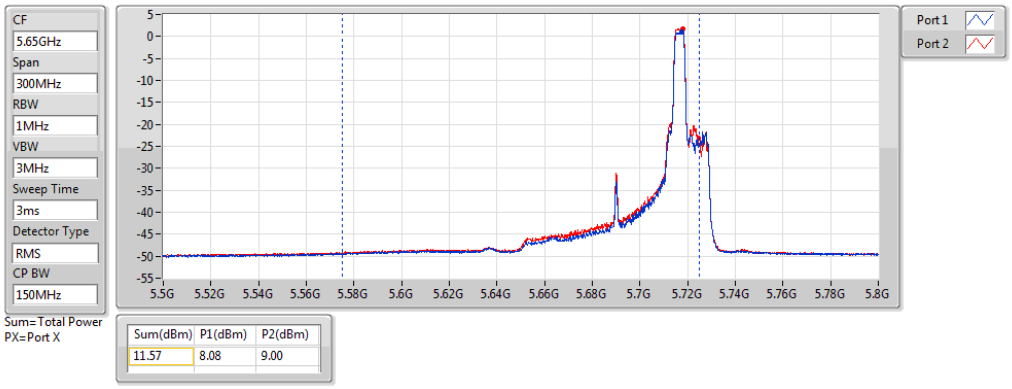
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-31.19	-34.07	-34.34

802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX **AV Power**

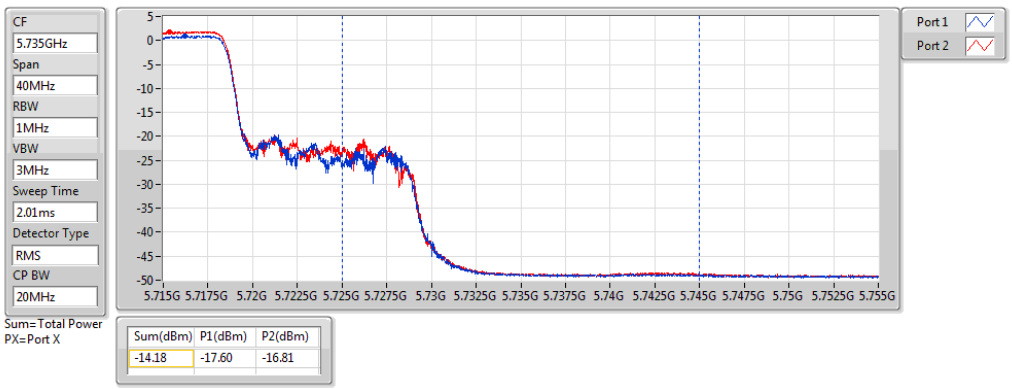
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
11.57	8.08	9.00

802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX **AV Power**

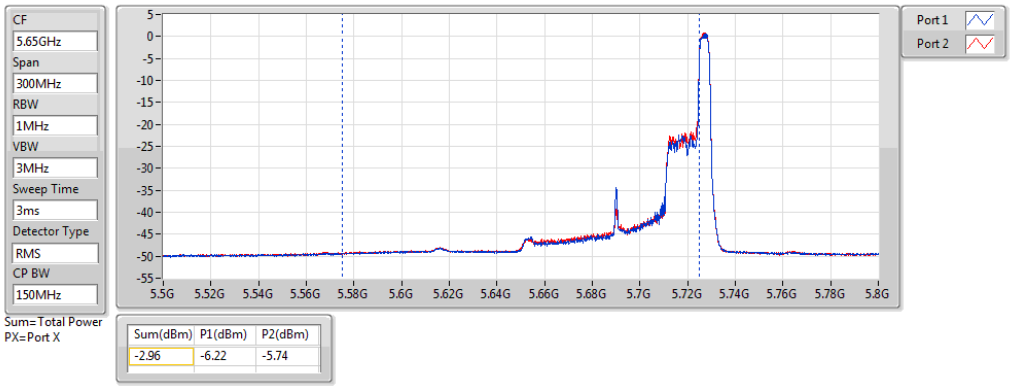
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
-14.18	-17.60	-16.81

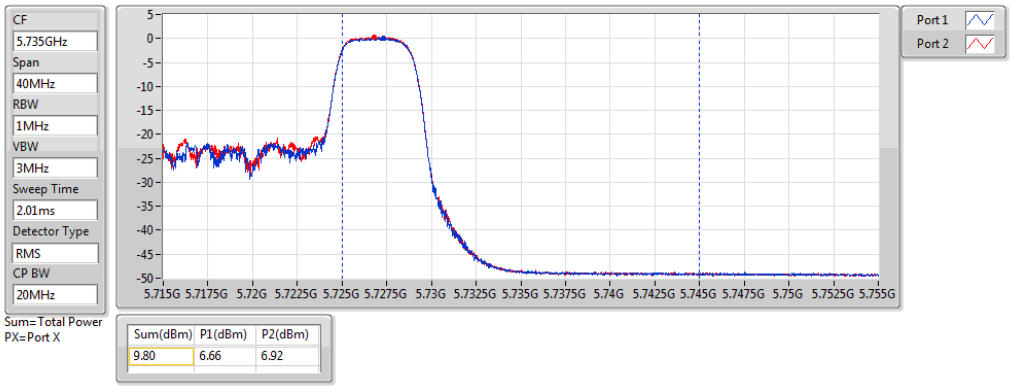
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



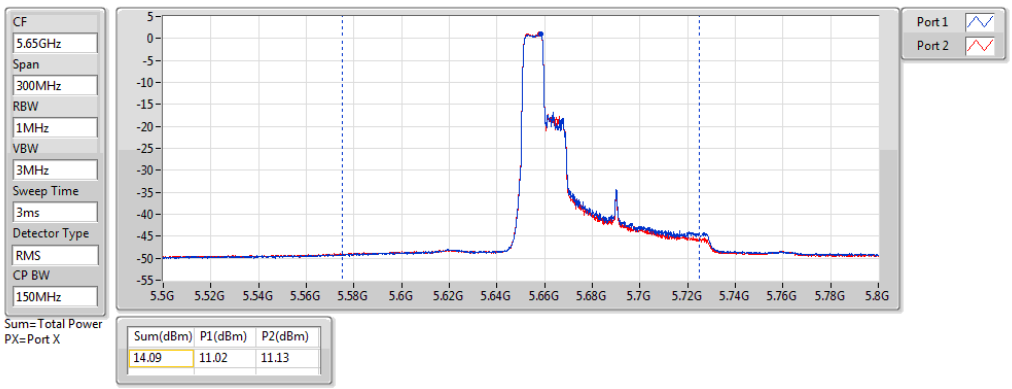
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



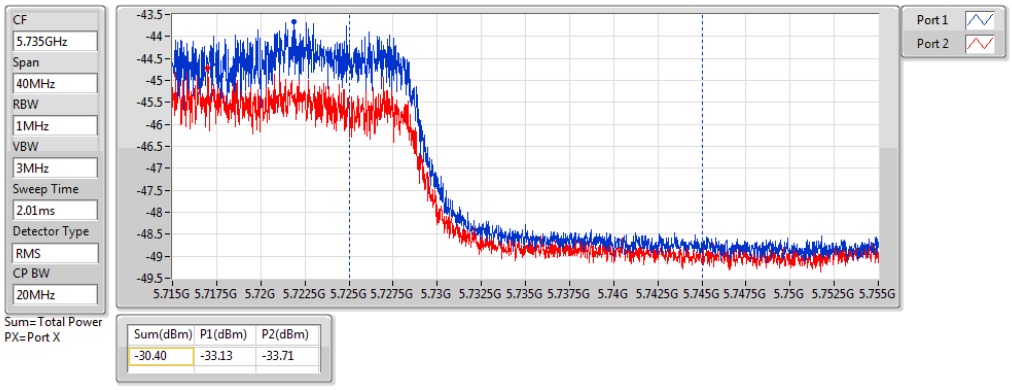
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



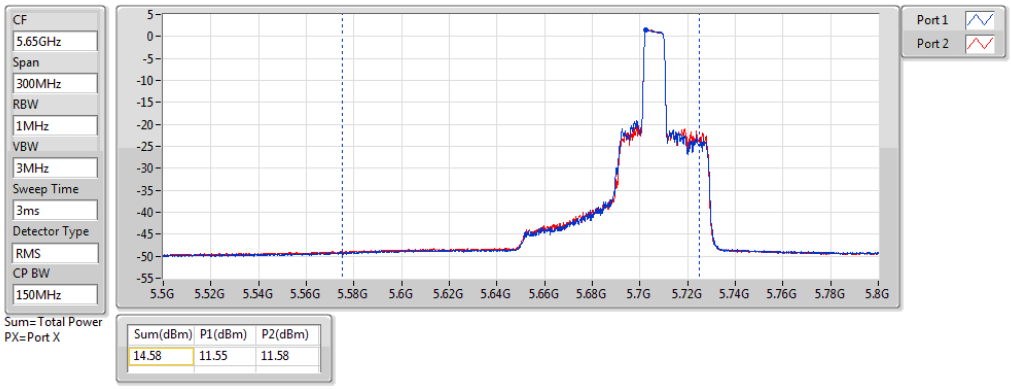
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



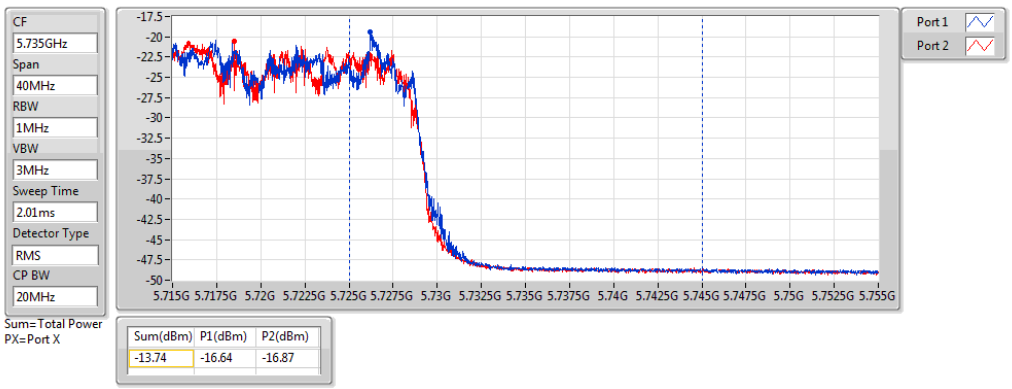
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



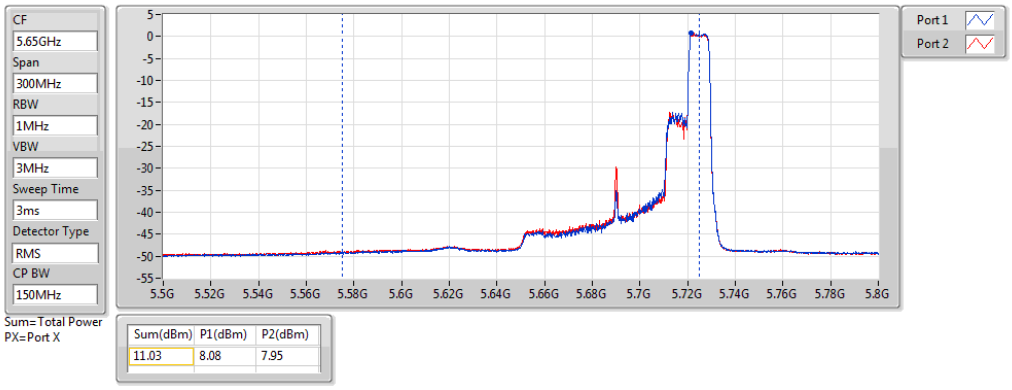
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



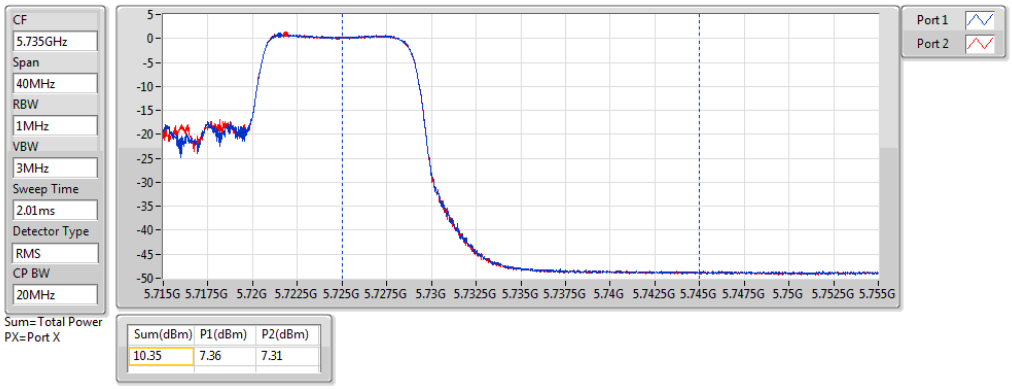
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



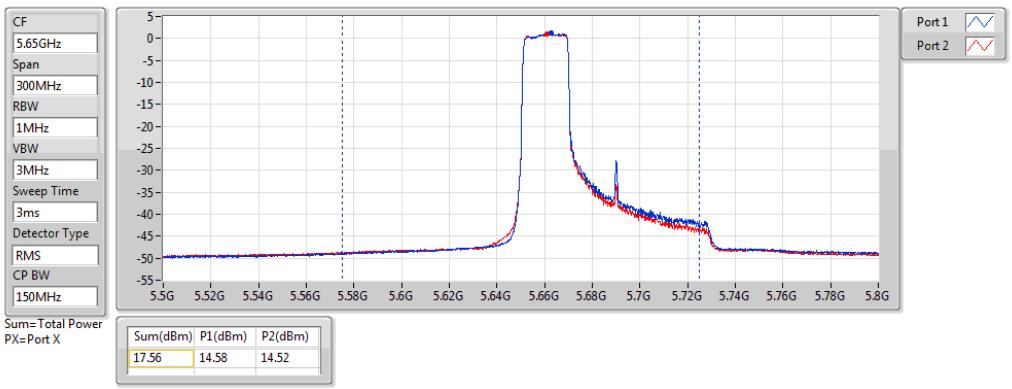
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



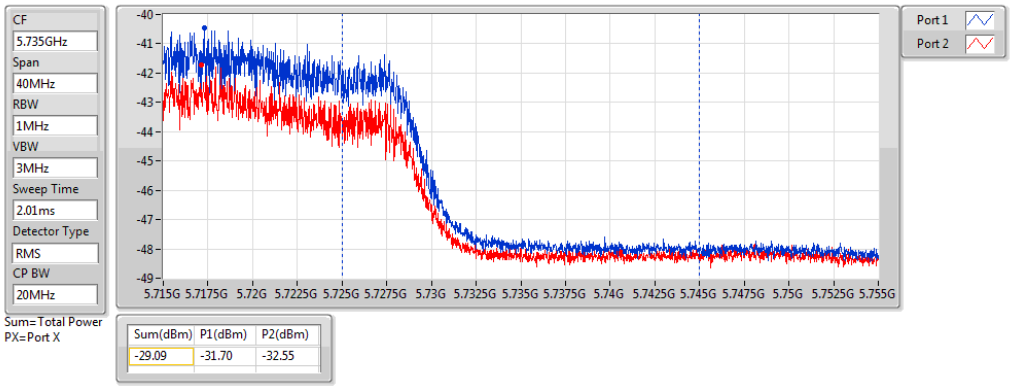
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



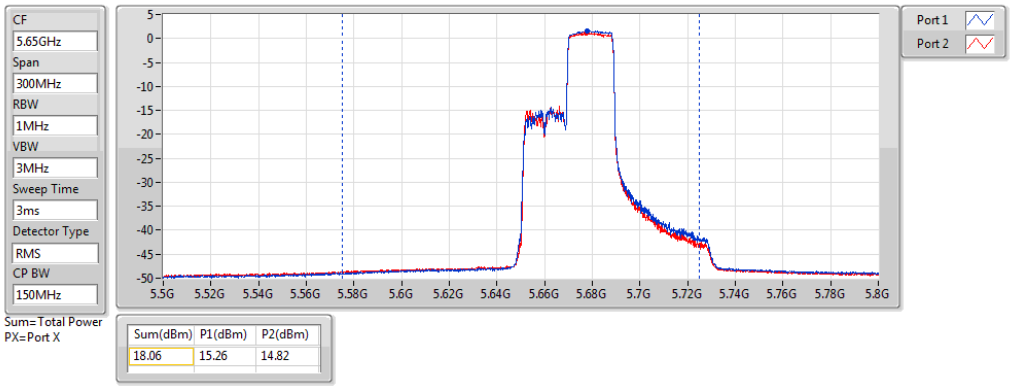
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



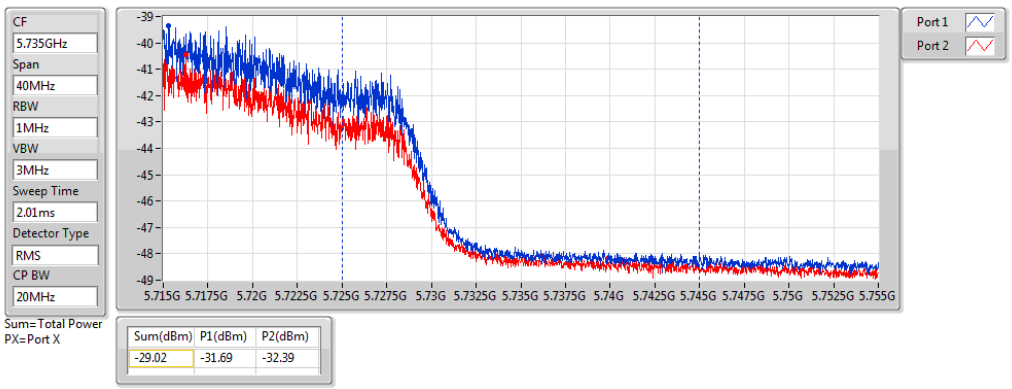
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



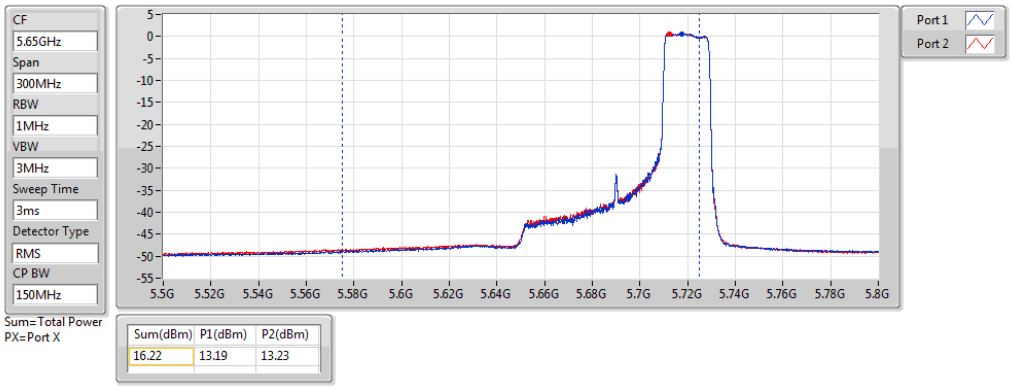
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



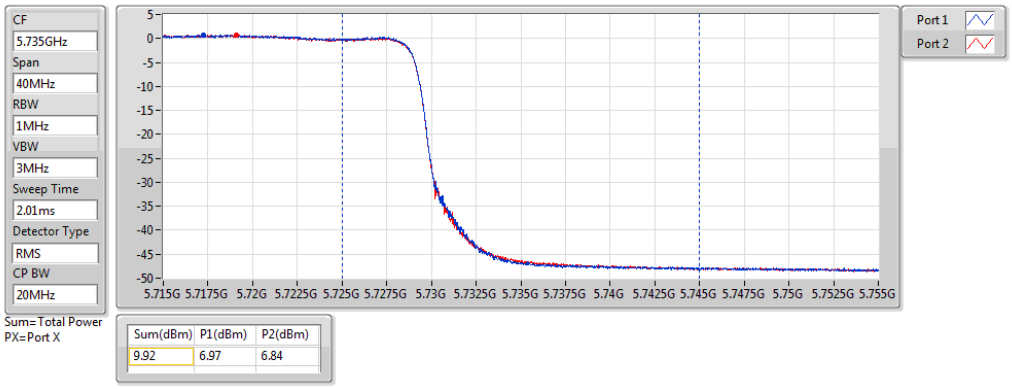
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



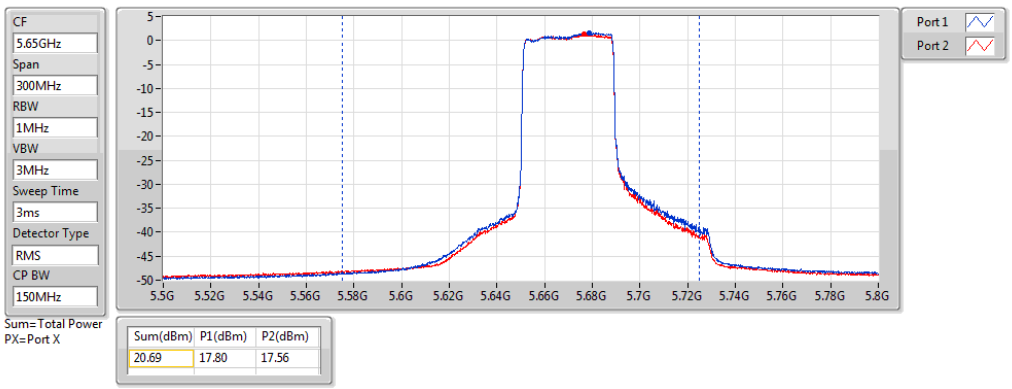
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



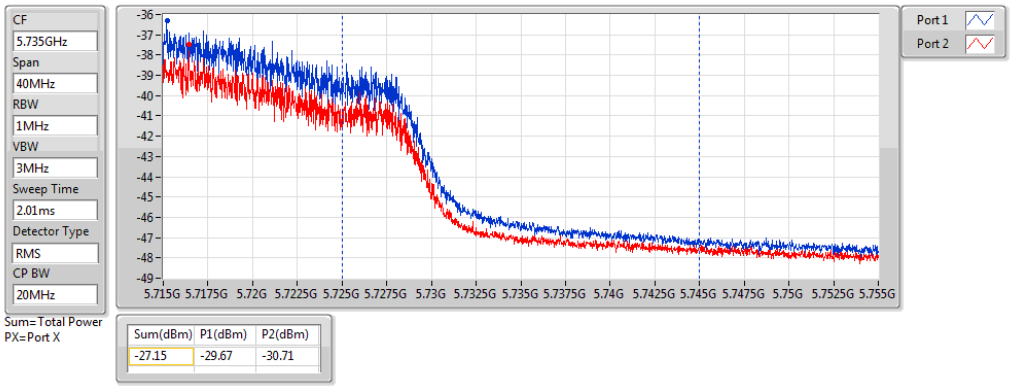
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



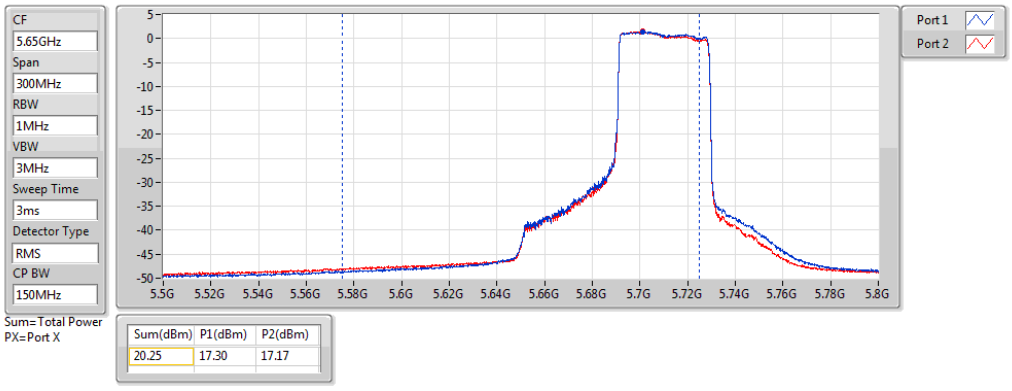
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



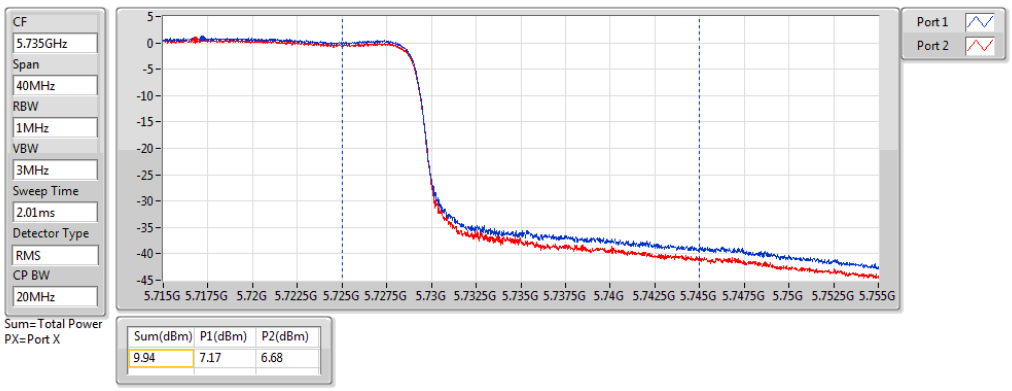
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Beamforming

Straddle channels

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	10.81	0.01205	17.65	0.05821
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	11.03	0.01268	17.87	0.06124
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	-8.06	0.00016	-1.22	0.00076
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	13.74	0.02366	20.58	0.11429
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	13.94	0.02477	20.78	0.11967
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	-3.82	0.00041	3.02	0.00200
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	16.78	0.04764	23.62	0.23014
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	13.39	0.02183	20.23	0.10544
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	8.24	0.00667	15.08	0.03221
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	8.80	0.00759	15.64	0.03664
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	-10.45	0.00009	-3.61	0.00044
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	11.05	0.01274	17.89	0.06152
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	11.54	0.01426	18.38	0.06887
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	-1.76	0.00067	5.08	0.00322
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	14.21	0.02636	21.05	0.12735
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	14.72	0.02965	21.56	0.14322
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	11.42	0.01387	18.26	0.06699
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	17.95	0.06237	24.79	0.30130
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	16.89	0.04887	23.73	0.23605
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	5.22	0.00333	12.06	0.01607
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	5.79	0.00379	12.63	0.01832
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-13.07	0.00005	-6.23	0.00024
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	7.78	0.00600	14.62	0.02897
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	8.56	0.00718	15.40	0.03467
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	-5.97	0.00025	0.87	0.00122
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	11.08	0.01282	17.92	0.06194
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	11.57	0.01435	18.41	0.06934
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	8.02	0.00634	14.86	0.03062
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	14.55	0.02851	21.39	0.13772
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	15.05	0.03199	21.89	0.15453
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	13.21	0.02094	20.05	0.10116
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	17.68	0.05861	24.52	0.28314
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	17.24	0.05297	24.08	0.25586
5.725-5.85GHz	-	-	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-13.64	0.00004	-6.80	0.00021
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	-14.50	0.00004	-7.66	0.00017
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	10.80	0.01202	17.64	0.05808
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	-10.87	0.00008	-4.03	0.00040

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-11.11	0.00008	-4.27	0.00037
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	13.77	0.02382	20.61	0.11508
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-7.35	0.00018	-0.51	0.00089
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	14.01	0.02518	20.85	0.12162
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	-32.70	0.00000	-25.86	0.00000
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	-16.56	0.00002	-9.72	0.00011
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	7.72	0.00592	14.56	0.02858
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	-31.24	0.00000	-24.40	0.00000
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	-13.89	0.00004	-7.05	0.00020
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	10.65	0.01161	17.49	0.05610
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	-29.26	0.00000	-22.42	0.00001
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	-28.13	0.00000	-21.29	0.00001
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	10.57	0.01140	17.41	0.05508
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	-25.39	0.00000	-18.55	0.00001
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	10.57	0.01140	17.41	0.05508
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-34.50	0.00000	-27.66	0.00000
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-34.21	0.00000	-27.37	0.00000
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	4.37	0.00274	11.21	0.01321
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-34.20	0.00000	-27.36	0.00000
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	-17.19	0.00002	-10.35	0.00009
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	6.79	0.00478	13.63	0.02307
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-33.41	0.00000	-26.57	0.00000
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	-16.75	0.00002	-9.91	0.00010
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	7.34	0.00542	14.18	0.02618
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-32.10	0.00000	-25.26	0.00000
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-32.03	0.00000	-25.19	0.00000
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	6.91	0.00491	13.75	0.02371
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-30.16	0.00000	-23.32	0.00000
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	6.93	0.00493	13.77	0.02382

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	7.76	7.84	10.81	17.65
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	-16.53	-16.78	-13.64	-6.80
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	7.91	8.13	11.03	17.87
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	-17.8	-17.24	-14.50	-7.66
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	-11.21	-10.93	-8.06	-1.22
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	7.75	7.83	10.80	17.64
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	10.59	10.87	13.74	20.58
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	-14.02	-13.75	-10.87	-4.03
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	10.82	11.03	13.94	20.78
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	-14.15	-14.09	-11.11	-4.27
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	-7.01	-6.66	-3.82	3.02
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	10.65	10.86	13.77	20.61
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	13.62	13.91	16.78	23.62
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	-10.87	-9.91	-7.35	-0.51
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	10.26	10.5	13.39	20.23
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	10.92	11.08	14.01	20.85
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	5.22	5.23	8.24	15.08
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	-35.61	-35.81	-32.70	-25.86
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	5.65	5.93	8.80	15.64
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	-19.63	-19.51	-16.56	-9.72
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	-13.91	-13.06	-10.45	-3.61
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	4.76	4.65	7.72	14.56
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	7.88	8.19	11.05	17.89
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	-34.2	-34.31	-31.24	-24.40
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	8.51	8.54	11.54	18.38
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	-16.98	-16.82	-13.89	-7.05
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	-4.92	-4.62	-1.76	5.08
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	7.54	7.73	10.65	17.49
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	11.11	11.28	14.21	21.05
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	-32.09	-32.45	-29.26	-22.42
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	11.65	11.77	14.72	21.56
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	-31.05	-31.23	-28.13	-21.29
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	8.34	8.47	11.42	18.26
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	7.52	7.59	10.57	17.41
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	14.94	14.93	17.95	24.79
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	-28.08	-28.75	-25.39	-18.55
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	13.84	13.92	16.89	23.73
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	7.59	7.52	10.57	17.41
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	2.16	2.26	5.22	12.06
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-37.39	-37.64	-34.50	-27.66
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	2.55	2.99	5.79	12.63
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-37.23	-37.22	-34.21	-27.37
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	-16.22	-15.95	-13.07	-6.23
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	1.29	1.43	4.37	11.21
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	4.58	4.96	7.78	14.62
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-37.08	-37.35	-34.20	-27.36
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	5.07	5.99	8.56	15.40
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-20.61	-19.82	-17.19	-10.35
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	-9.23	-8.75	-5.97	0.87
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	3.65	3.91	6.79	13.63
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	8.01	8.12	11.08	17.92
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-36.14	-36.72	-33.41	-26.57
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	8.54	8.57	11.57	18.41
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-19.65	-19.88	-16.75	-9.91
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	-	-	-	-	-	-

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	EIRP (dBm)
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	5.07	4.94	8.02	14.86
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	4.35	4.3	7.34	14.18
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	11.57	11.51	14.55	21.39
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-34.71	-35.56	-32.10	-25.26
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	12.25	11.81	15.05	21.89
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-34.7	-35.4	-32.03	-25.19
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	10.18	10.22	13.21	20.05
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	3.96	3.83	6.91	13.75
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	14.79	14.55	17.68	24.52
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-32.68	-33.72	-30.16	-23.32
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	14.29	14.16	17.24	24.08
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	4.16	3.67	6.93	13.77

DG = Directional Gain=10 * log((10$^{3.84/20}$+10$^{3.82/20}$)^2/2=6.84 dBi
Port X = Port X

3.4 Peak Power Spectral Density

3.4.1 Limit of Peak Power Spectral Density

Frequency band 5150-5250 MHz		
Operating Mode		**Limit**
☐	Outdoor access point	17 dBm / MHz
☐	Indoor access point	17 dBm / MHz
☐	Fixed point-to-point access points	17 dBm / MHz
☒	Client devices	11 dBm / MHz

Frequency Band (MHz)		**Limit**
☒	5250 ~ 5350	11 dBm / MHz
☒	5470 ~ 5725	11 dBm / MHz
☒	5725 ~ 5850	30 dBm /500 kHz

3.4.2 Test Procedures

For 5150 ~ 5250 MHz / 5250 ~ 5350 MHz / 5470 ~ 5725 MHz

Duty cycle ≥ 98 %

1. Set RBW = 1 MHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle < 98 %

1. Set RBW = 1 MHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time ≥ 10 * (number of points in sweep) * (total on/off period of the transmitted signal).
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add 10 log(1/x), where x is the duty cycle.

For 5725 ~ 5850 MHz

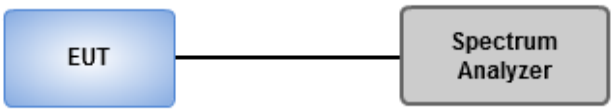
Duty cycle ≥ 98 %

1. Set RBW = 500 kHz, VBW = 3 MHz, Sweep time = auto, Detector = RMS.
2. Trace average 100 traces.
3. Use the peak marker function to determine the maximum amplitude level.

Duty cycle < 98 %

1. Set RBW = 500 kHz, VBW = 3 MHz, Detector = RMS.
2. Set sweep time ≥ 10 * (number of points in sweep) * (total on/off period of the transmitted signal).
3. Perform a single sweep.
4. Use the peak marker function to determine the maximum amplitude level.
5. Add 10 log(1/x), where x is the duty cycle.

3.4.3 Test Setup



3.4.4 Test Result of Peak Power Spectral Density

Ambient Condition	23-24°C / 64-66%	Tested By	Aska Huang

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.00	16.84
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	10.05	16.89
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	7.04	13.88
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-2.18	4.66
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.04	16.88
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	9.66	16.50
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	7.08	13.92
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-0.94	5.90
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.92	16.76
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	9.61	16.45
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	7.64	14.48
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	2.92	9.76
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.06	17.90
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	11.20	18.04
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	8.74	15.58
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	1.25	8.09

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	6.56	6.96	9.73	10.16	16.57	17.00
5200MHz	Pass	6.84	6.99	6.84	9.87	10.16	16.71	17.00
5240MHz	Pass	6.84	7.20	6.85	10.00	10.16	16.84	17.00
5260MHz	Pass	6.84	6.84	6.66	9.72	10.16	16.56	17.00
5300MHz	Pass	6.84	6.90	6.53	9.69	10.16	16.53	17.00
5320MHz	Pass	6.84	7.06	7.07	10.04	10.16	16.88	17.00
5500MHz	Pass	6.84	6.20	6.32	9.24	10.16	16.08	17.00
5580MHz	Pass	6.84	7.09	6.82	9.92	10.16	16.76	17.00
5700MHz	Pass	6.84	1.28	1.49	4.34	10.16	11.18	17.00
5745MHz	Pass	6.84	8.04	8.13	11.06	29.16	17.90	36.00
5785MHz	Pass	6.84	7.98	7.97	10.96	29.16	17.80	36.00
5825MHz	Pass	6.84	7.80	7.68	10.71	29.16	17.55	36.00
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	4.46	4.78	7.55	10.16	14.39	17.00
5200MHz	Pass	6.84	7.09	7.02	10.00	10.16	16.84	17.00
5240MHz	Pass	6.84	7.34	6.92	10.05	10.16	16.89	17.00
5260MHz	Pass	6.84	6.74	6.43	9.55	10.16	16.39	17.00
5300MHz	Pass	6.84	6.87	6.48	9.66	10.16	16.50	17.00
5320MHz	Pass	6.84	4.10	4.10	7.02	10.16	13.86	17.00
5500MHz	Pass	6.84	3.45	3.58	6.43	10.16	13.27	17.00
5580MHz	Pass	6.84	6.81	6.55	9.61	10.16	16.45	17.00
5700MHz	Pass	6.84	0.35	0.47	3.35	10.16	10.19	17.00
5745MHz	Pass	6.84	8.11	8.41	11.20	29.16	18.04	36.00
5785MHz	Pass	6.84	8.12	8.21	11.09	29.16	17.93	36.00
5825MHz	Pass	6.84	7.88	7.87	10.83	29.16	17.67	36.00
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.84	-0.76	-0.55	2.26	10.16	9.10	17.00
5230MHz	Pass	6.84	4.28	3.97	7.04	10.16	13.88	17.00
5270MHz	Pass	6.84	4.11	4.16	7.08	10.16	13.92	17.00
5310MHz	Pass	6.84	-1.20	-0.82	1.97	10.16	8.81	17.00
5510MHz	Pass	6.84	-2.22	-2.23	0.76	10.16	7.60	17.00
5590MHz	Pass	6.84	5.00	4.41	7.64	10.16	14.48	17.00
5670MHz	Pass	6.84	1.30	0.93	4.05	10.16	10.89	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5755MHz	Pass	6.84	4.22	4.14	7.16	29.16	14.00	36.00
5795MHz	Pass	6.84	5.71	5.82	8.74	29.16	15.58	36.00
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2 TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.84	-5.22	-4.87	-2.18	10.16	4.66	17.00
5290MHz	Pass	6.84	-3.95	-3.91	-0.94	10.16	5.90	17.00
5530MHz	Pass	6.84	-5.57	-5.70	-2.71	10.16	4.13	17.00
5610MHz	Pass	6.84	0.27	-0.20	2.92	10.16	9.76	17.00
5775MHz	Pass	6.84	-1.65	-1.61	1.25	29.16	8.09	36.00

DG = Directional Gain=10 * log((10$^{3.84/20}$+10$^{3.82/20}$)^2/2=6.84 dBi

For 5.15 ~ 5.25 GHz / 5.25 ~ 5.35 GHz / 5.47 ~ 5.725 GHz

Limit shall be reduced to 11 dBm – (6.84 dBi – 6 dBi) = 10.16 dBm

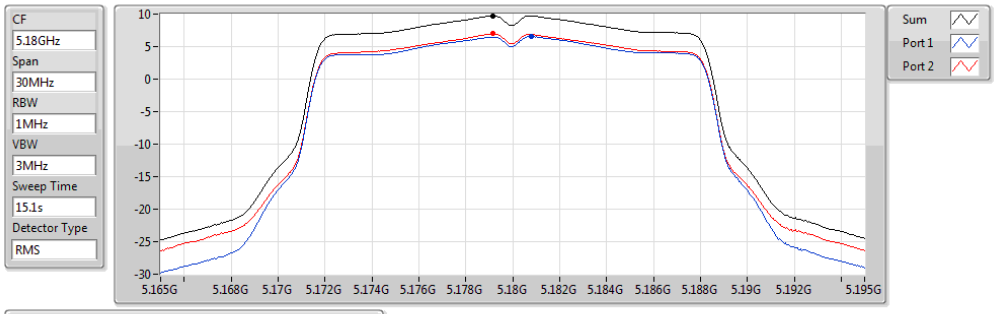
For 5.725 ~ 5.85 GHz

Limit shall be reduced to 30 dBm – (6.84 dBi – 6 dBi) = 29.16 dBm

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)_2TX **PSD**

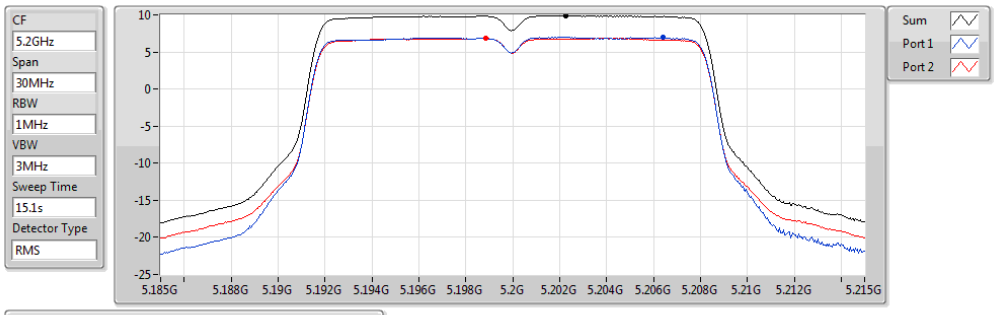
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.73	9.73	6.56	6.96

802.11a_Nss1,(6Mbps)_2TX **PSD**

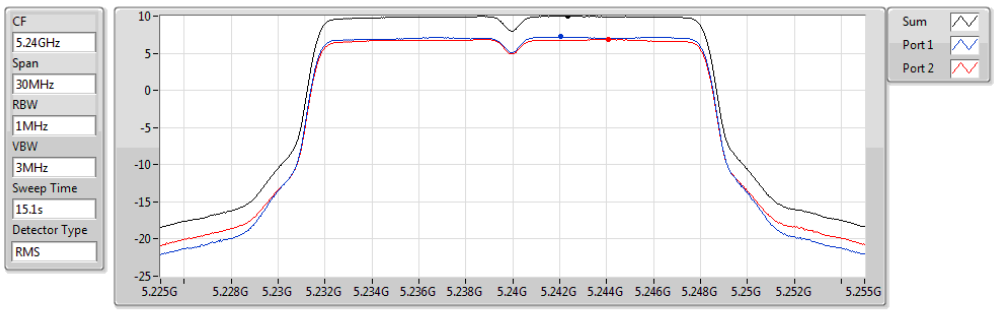
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.87	9.87	6.99	6.84

802.11a_Nss1,(6Mbps)_2TX **PSD**

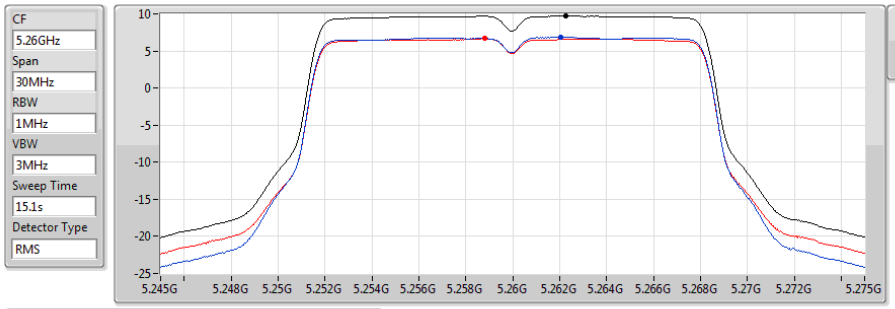
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	10.00	7.20	6.85

802.11a_Nss1,(6Mbps)_2TX **PSD**

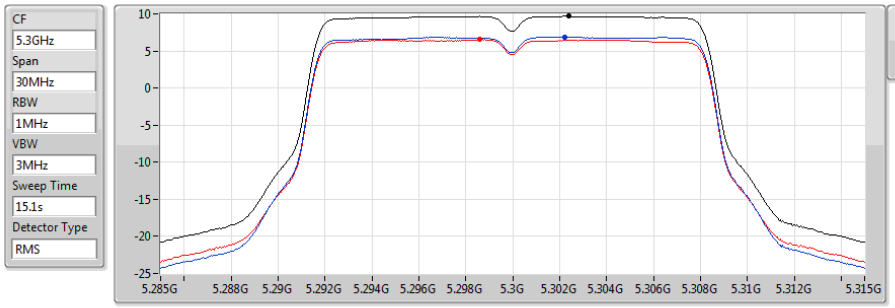
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	6.84	6.66

802.11a_Nss1,(6Mbps)_2TX **PSD**

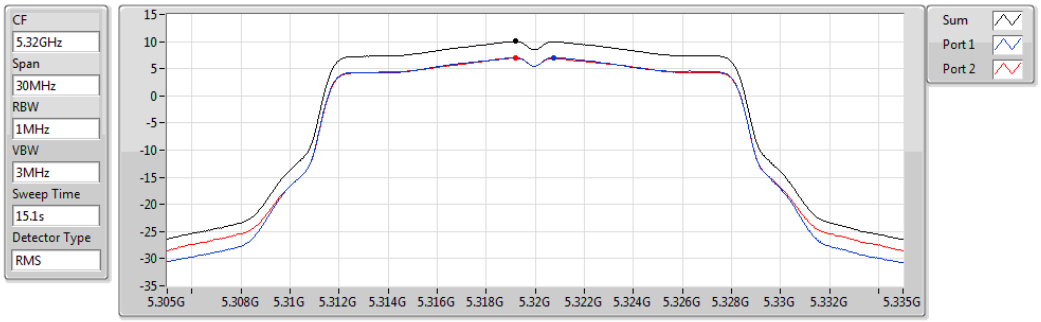
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.69	9.69	6.90	6.53

802.11a_Nss1,(6Mbps)_2TX **PSD**

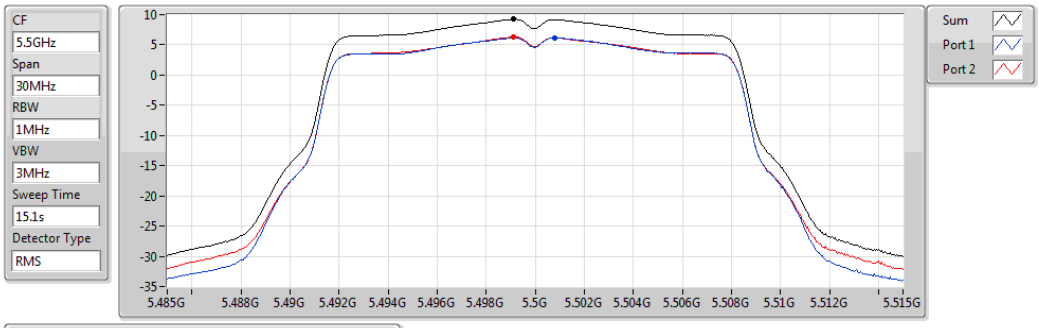
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.04	10.04	7.06	7.07

802.11a_Nss1,(6Mbps)_2TX **PSD**

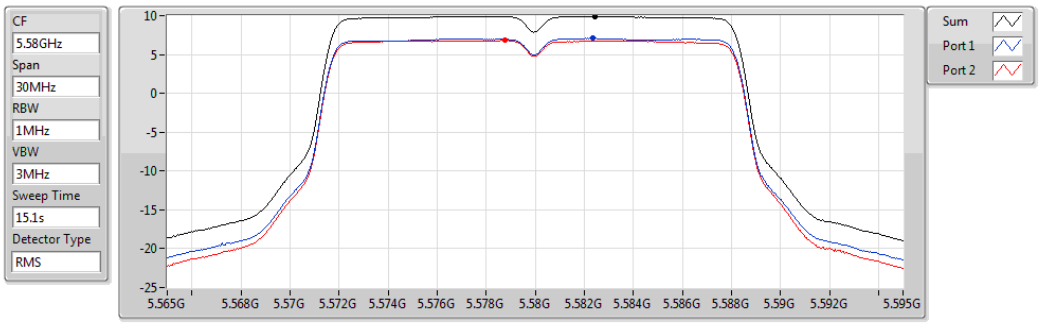
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.24	9.24	6.20	6.32

802.11a_Nss1,(6Mbps)_2TX **PSD**

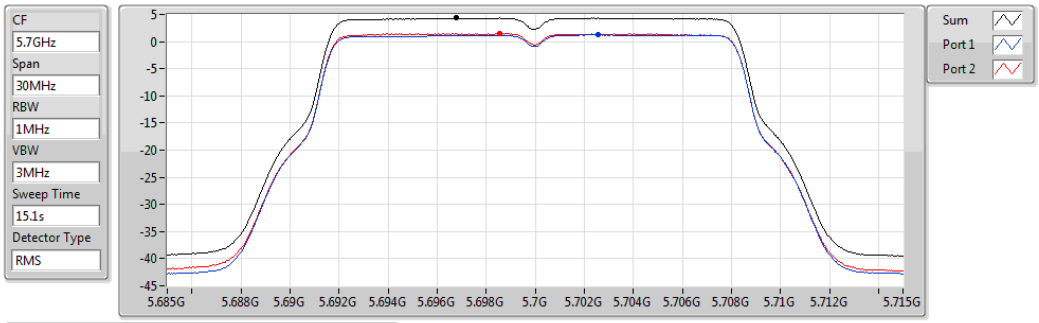
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	7.09	6.82

802.11a_Nss1,(6Mbps)_2TX **PSD**

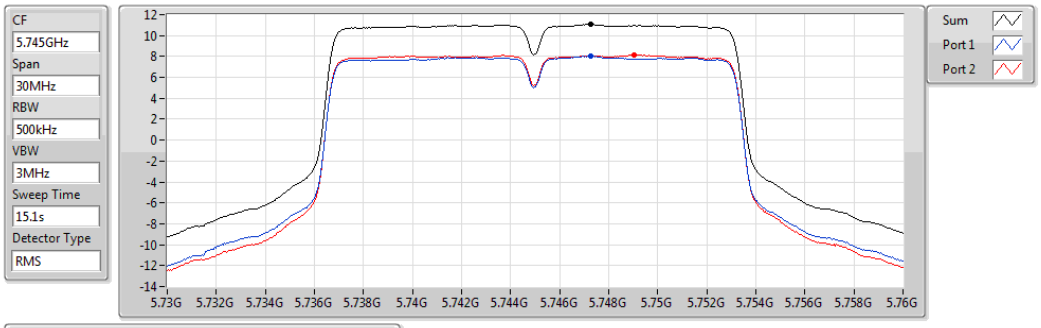
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	1.28	1.49

802.11a_Nss1,(6Mbps)_2TX **PSD**

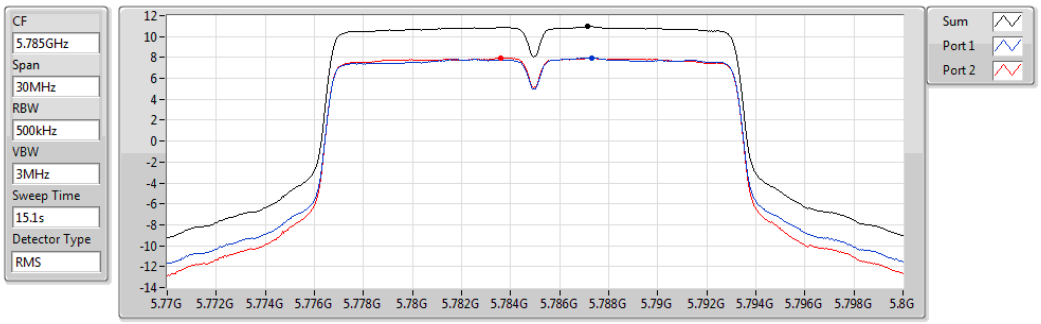
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.06	11.06	8.04	8.13

802.11a_Nss1,(6Mbps)_2TX **PSD**

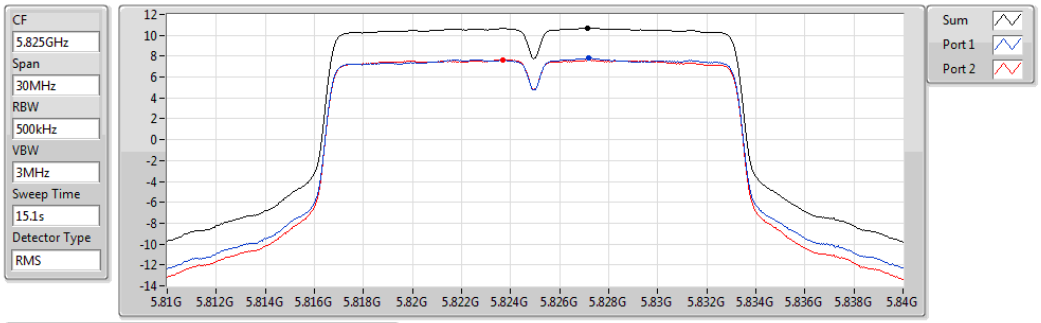
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	7.98	7.97

802.11a_Nss1,(6Mbps)_2TX **PSD**

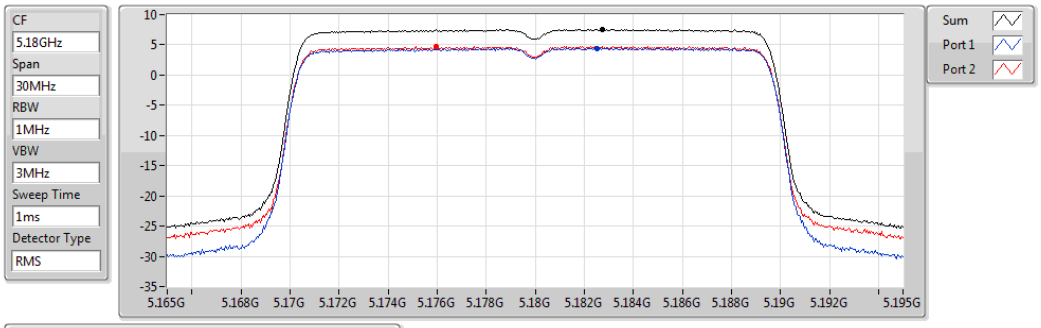
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.71	10.71	7.80	7.68

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

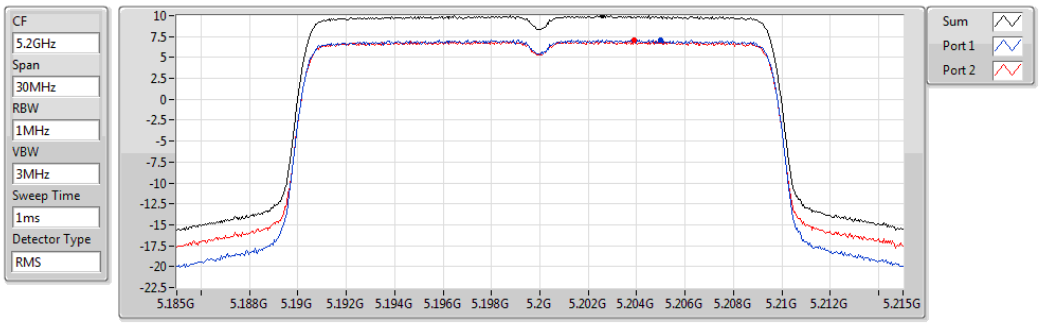
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.55	7.55	4.46	4.78

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

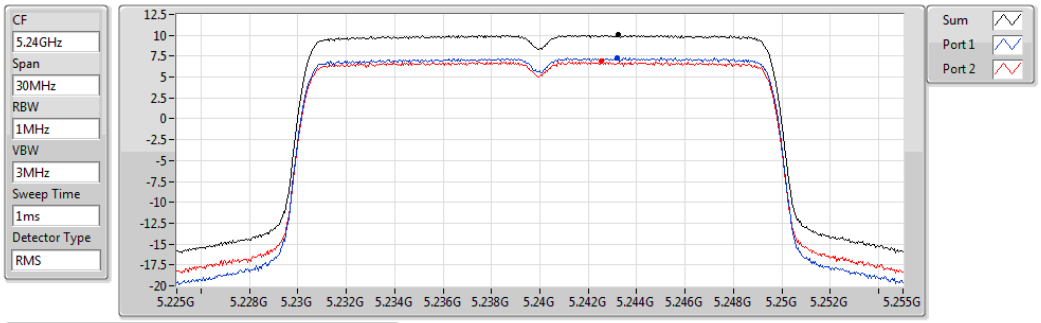
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	10.00	7.09	7.02

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

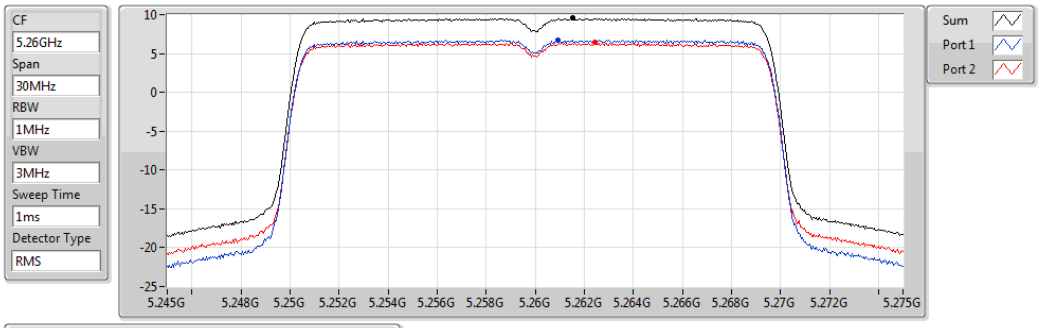
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.05	10.05	7.34	6.92

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

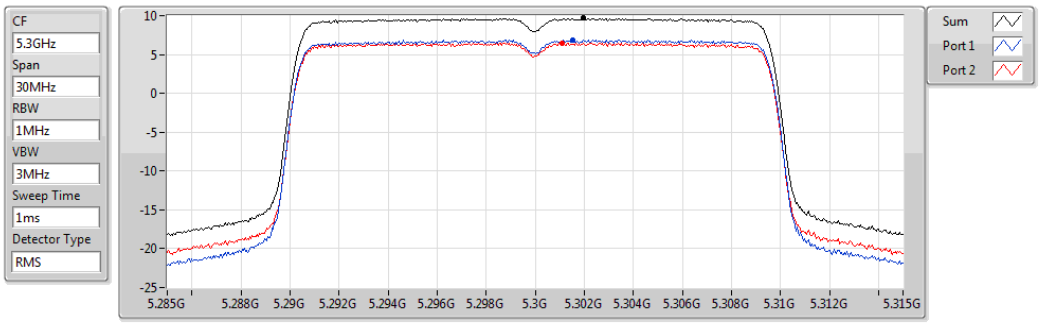
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.55	9.55	6.74	6.43

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

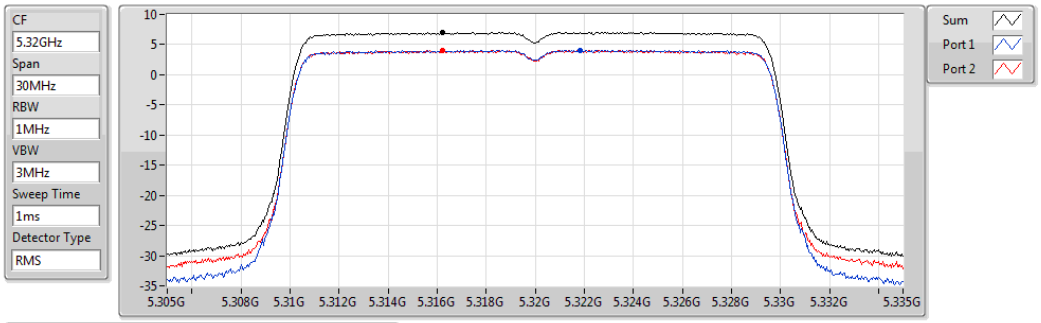
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.66	9.66	6.87	6.48

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

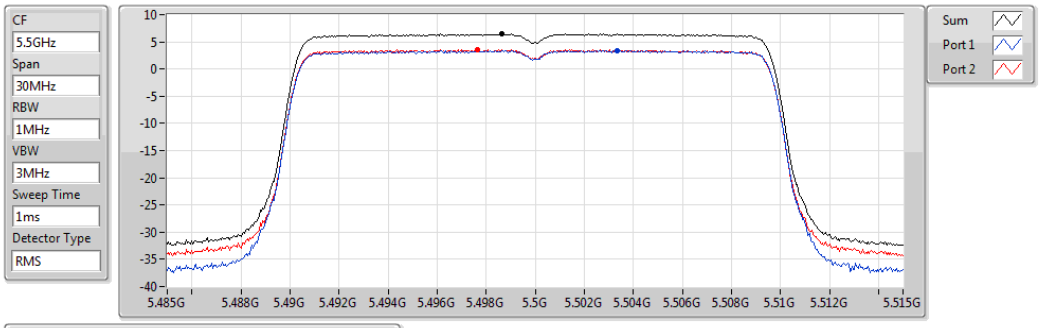
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.02	7.02	4.10	4.10

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

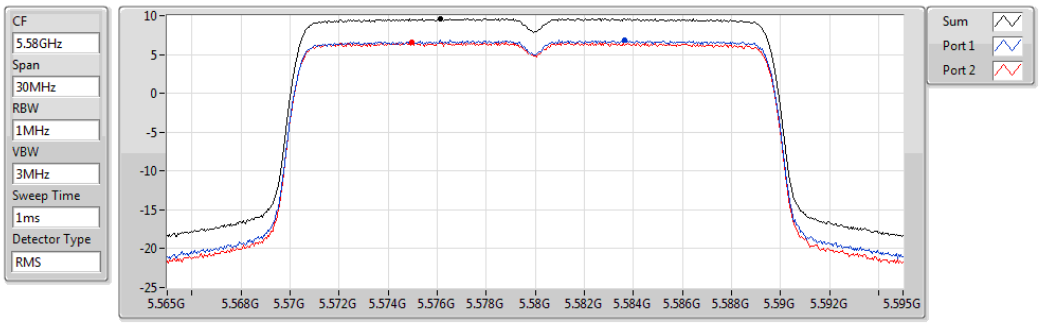
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.45	3.58

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

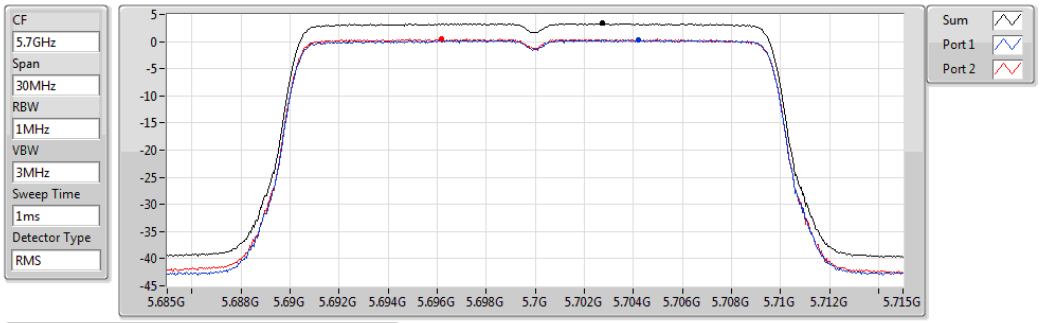
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	6.81	6.55

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

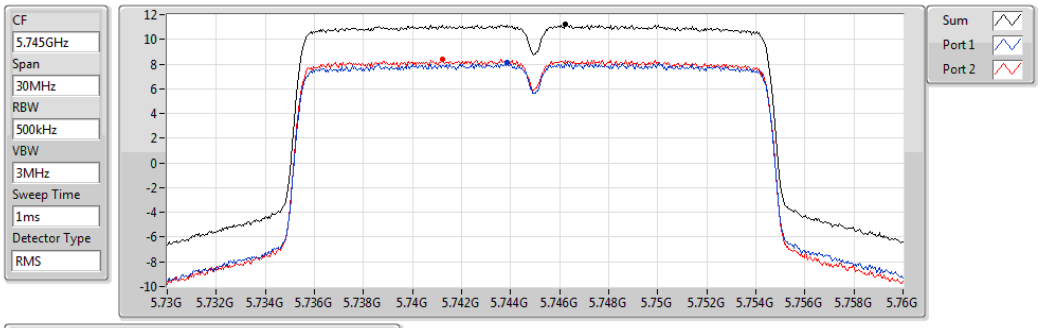
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.35	3.35	0.35	0.47

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

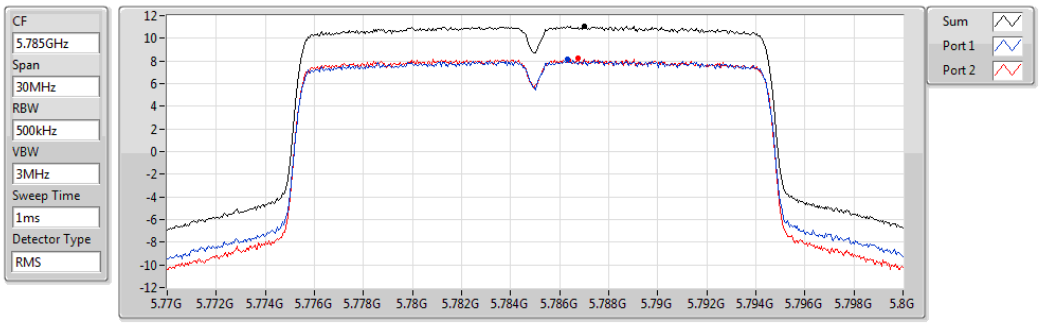
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.20	11.20	8.11	8.41

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

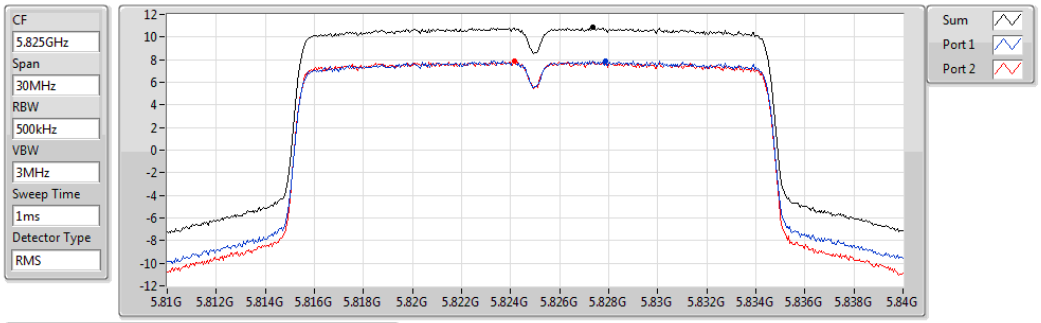
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.09	11.09	8.12	8.21

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

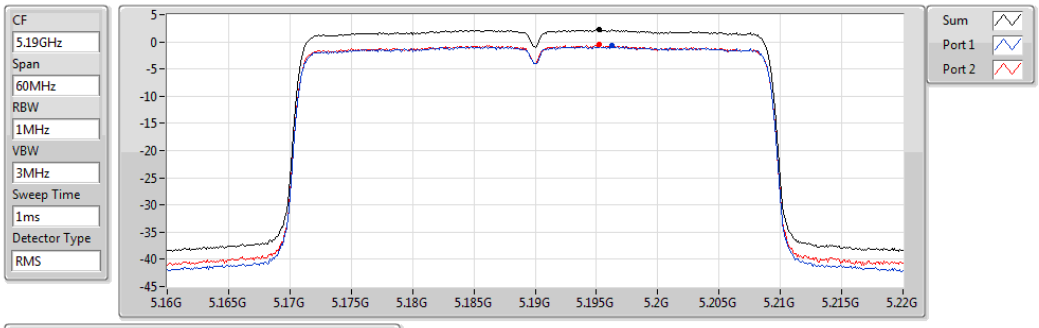
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.83	10.83	7.88	7.87

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

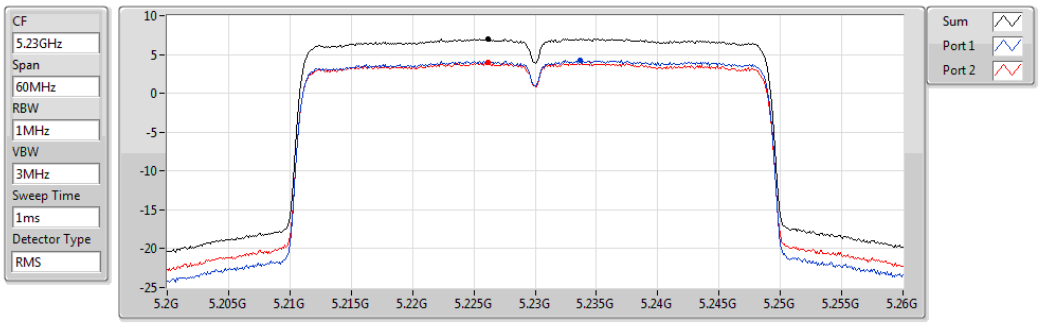
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.26	2.26	-0.76	-0.55

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

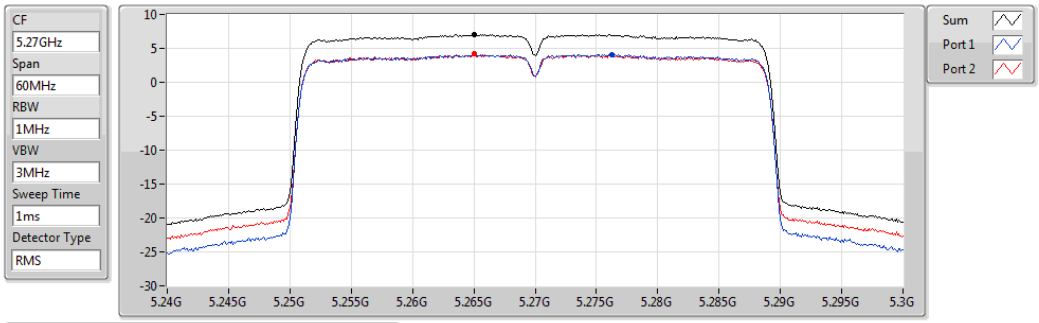
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.04	7.04	4.28	3.97

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

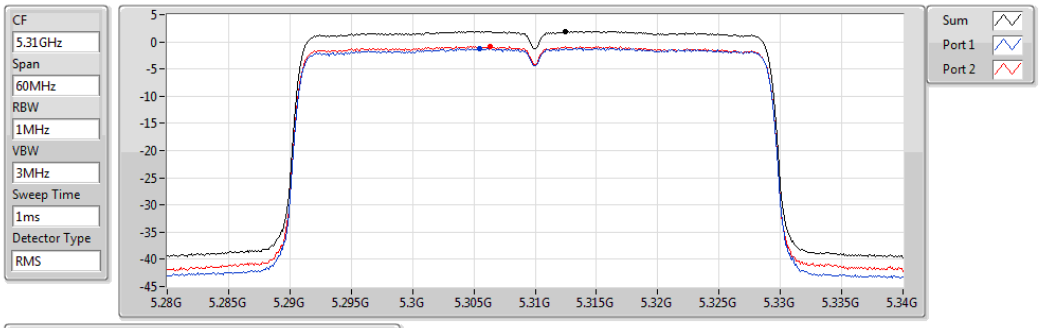
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	4.11	4.16

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

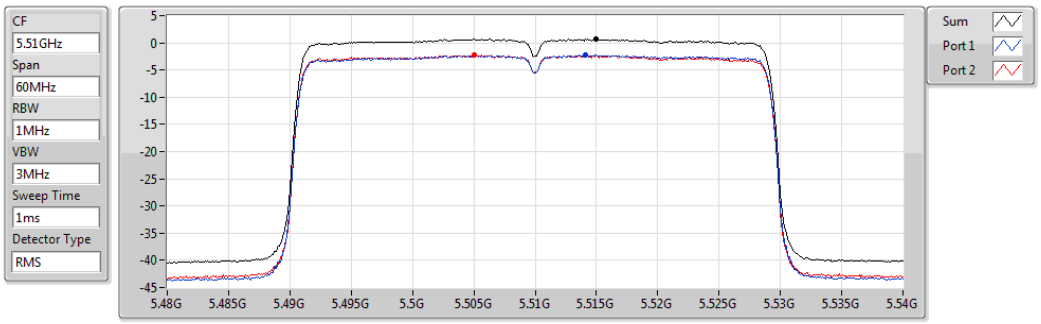
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.97	1.97	-1.20	-0.82

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

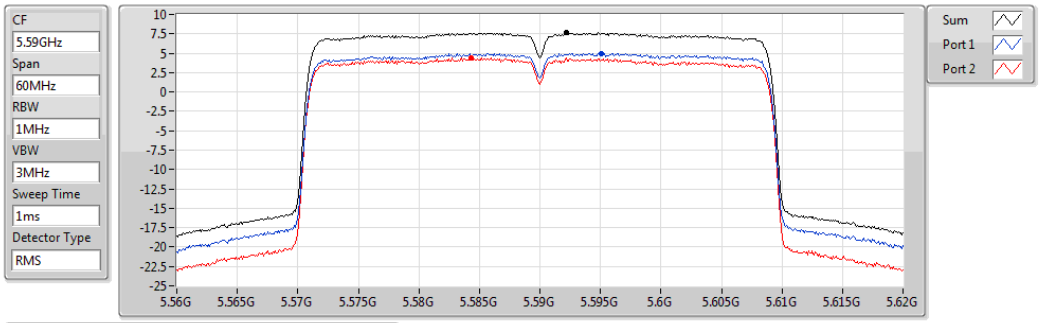
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.76	0.76	-2.22	-2.23

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

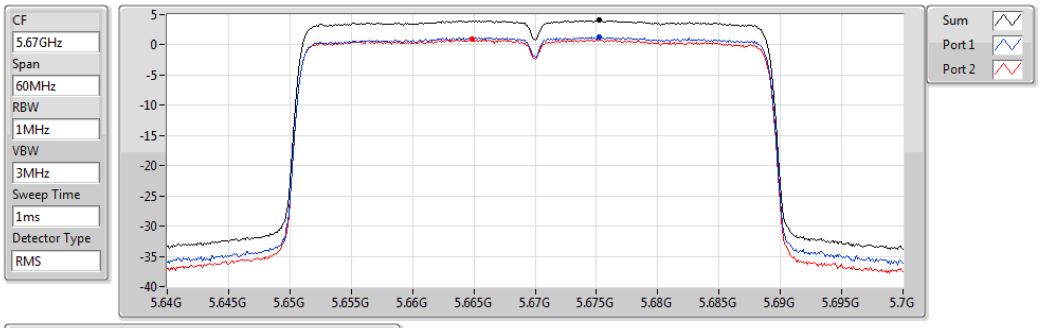
5590MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.64	7.64	5.00	4.41

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

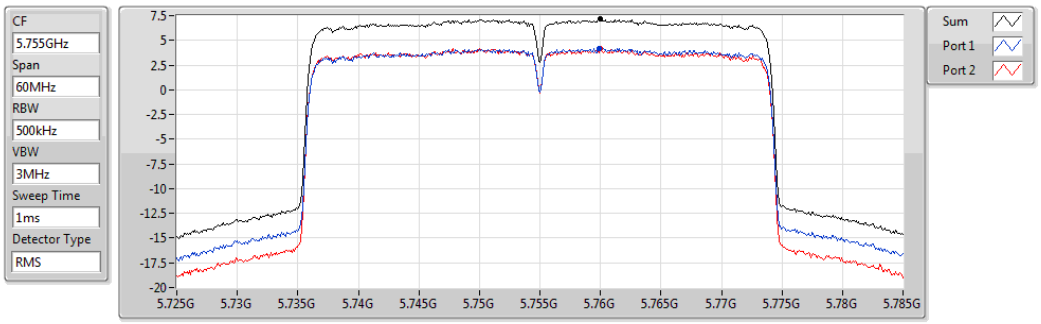
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.05	4.05	1.30	0.93

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

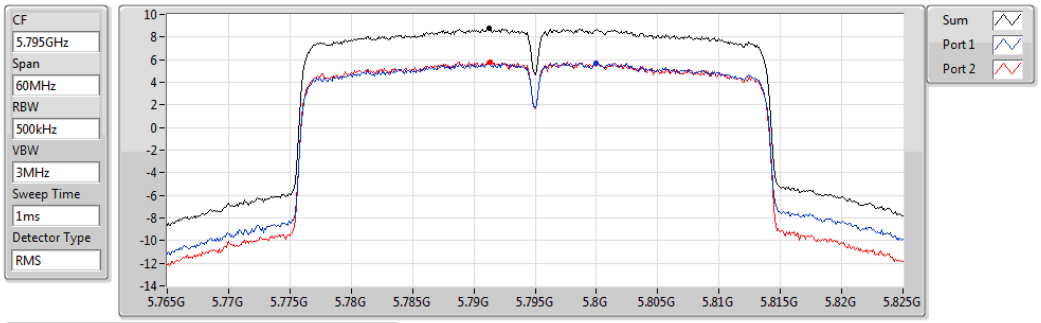
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.16	7.16	4.22	4.14

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

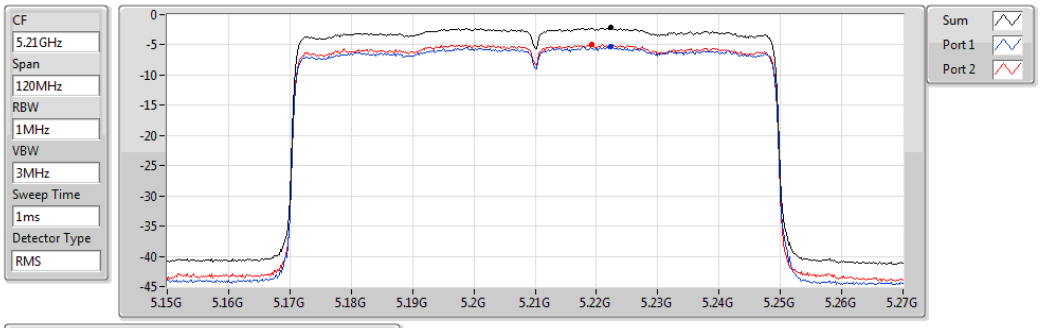
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	5.71	5.82

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **PSD**

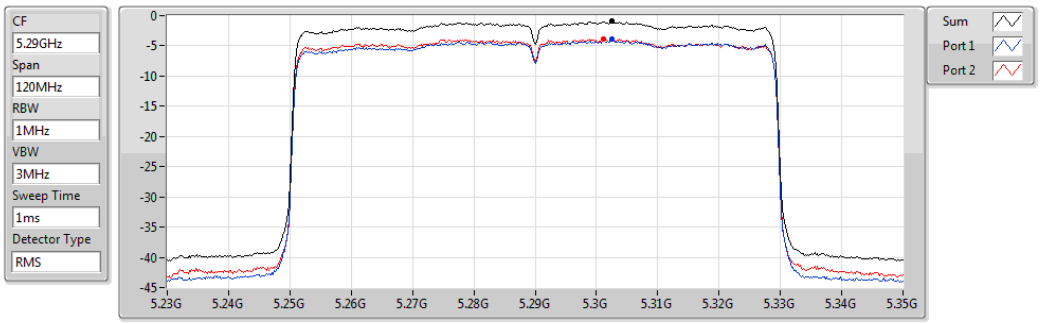
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.18	-2.18	-5.22	-4.87

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **PSD**

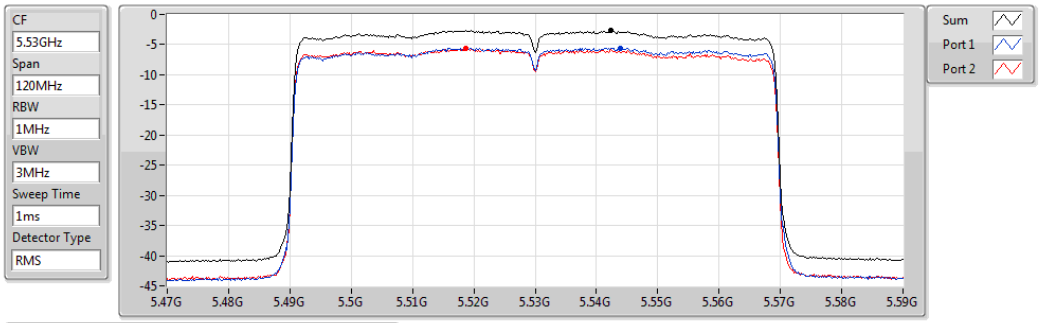
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.94	-0.94	-3.95	-3.91

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **PSD**

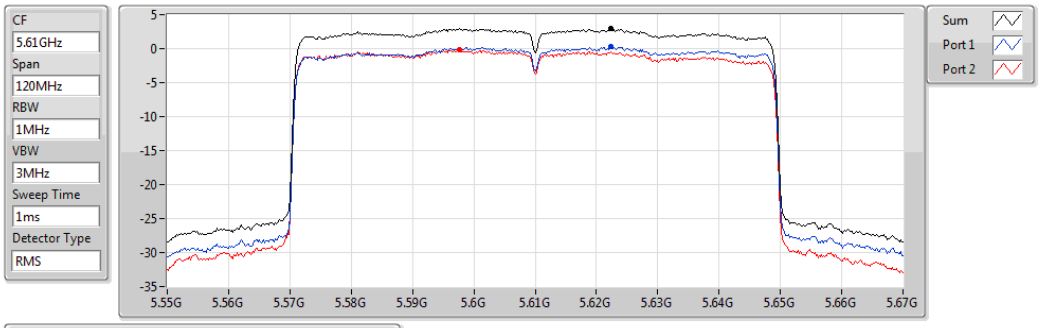
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.71	-2.71	-5.57	-5.70

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **PSD**

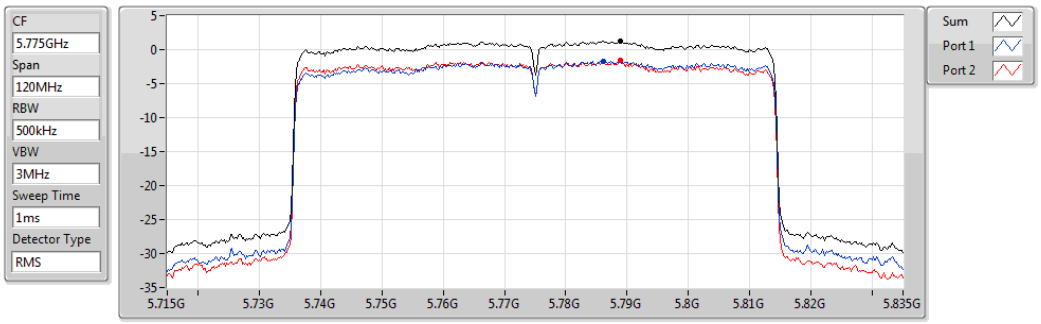
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.92	2.92	0.27	-0.20

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.25	1.25	-1.65	-1.61

Ambient Condition	24°C / 66%	Tested By	Aska Huang

Straddle Channels
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.82	16.66
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	9.78	16.62
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	7.44	14.28
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	4.20	11.04
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.10	14.94
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	7.88	14.72
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	5.65	12.49
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	1.58	8.42

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	6.74	6.94	9.82	10.16	16.66	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	5.17	5.09	8.10	29.16	14.94	36.00
802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5720MHz Straddle 5.47-5.725GHz	Pass	6.84	6.82	6.82	9.78	10.16	16.62	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	6.84	4.78	5.15	7.88	29.16	14.72	36.00
802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5710MHz Straddle 5.47-5.725GHz	Pass	6.84	4.52	4.35	7.44	10.16	14.28	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	6.84	2.69	2.61	5.65	29.16	12.49	36.00
802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5690MHz Straddle 5.47-5.725GHz	Pass	6.84	1.39	1.08	4.20	10.16	11.04	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	6.84	-0.77	-1.95	1.58	29.16	8.42	36.00

DG = Directional Gain=10 * log((10$^{3.84/20}$+10$^{3.82/20}$)^2/2=6.84 dBi

For 5.15 ~ 5.25 GHz / 5.25 ~ 5.35 GHz / 5.47 ~ 5.725 GHz

Limit shall be reduced to 11 dBm – (6.84 dBi – 6 dBi) = 10.16 dBm

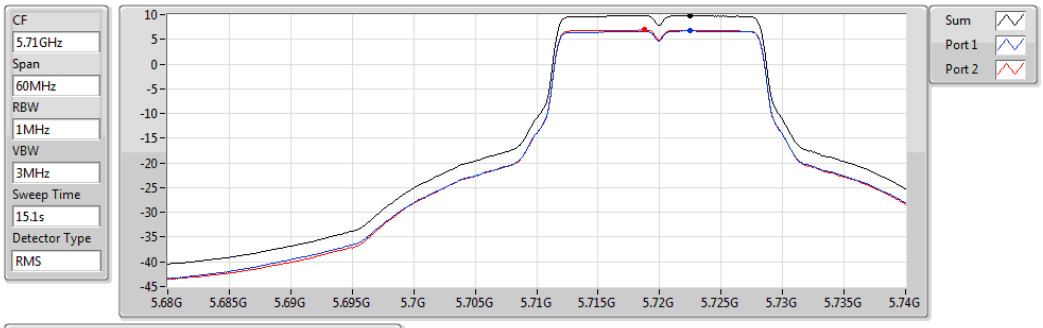
For 5.725 ~ 5.85 GHz

Limit shall be reduced to 30 dBm – (6.84 dBi – 6 dBi) = 29.16 dBm

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 Xpower density;

802.11a_Nss1,(6Mbps)_2TX **PSD**

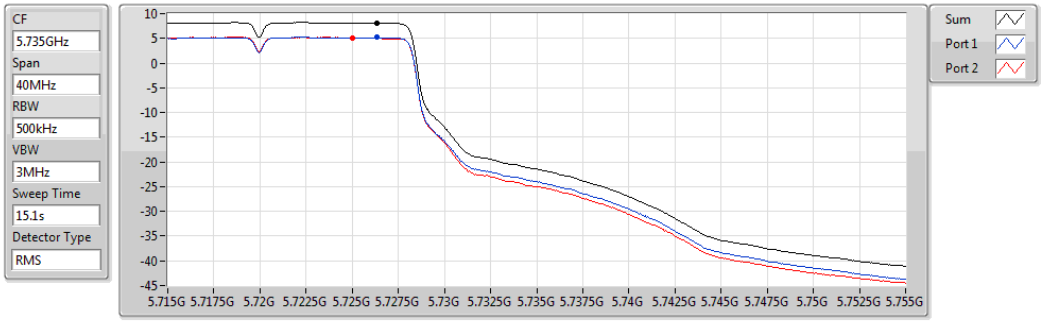
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	6.74	6.94

802.11a_Nss1,(6Mbps)_2TX **PSD**

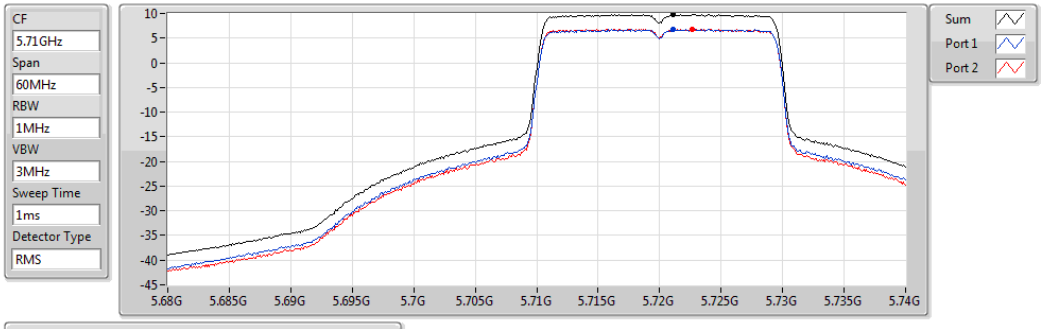
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.10	8.10	5.17	5.09

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

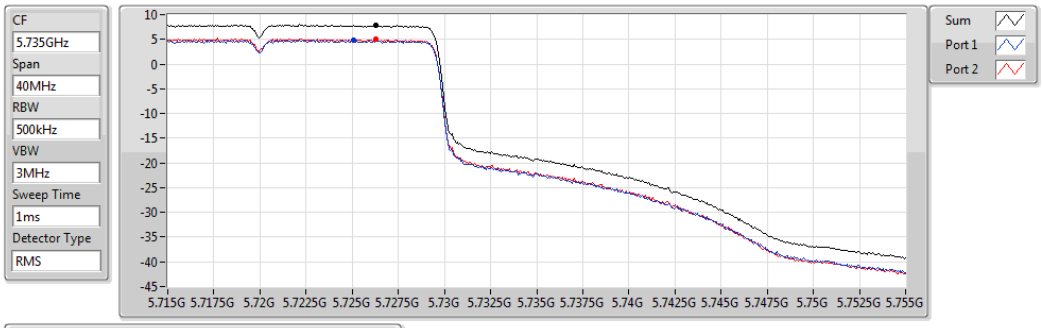
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	6.82	6.82

802.11ax HEW20_RU242_Index61_Nss1,(MCS0)_2TX **PSD**

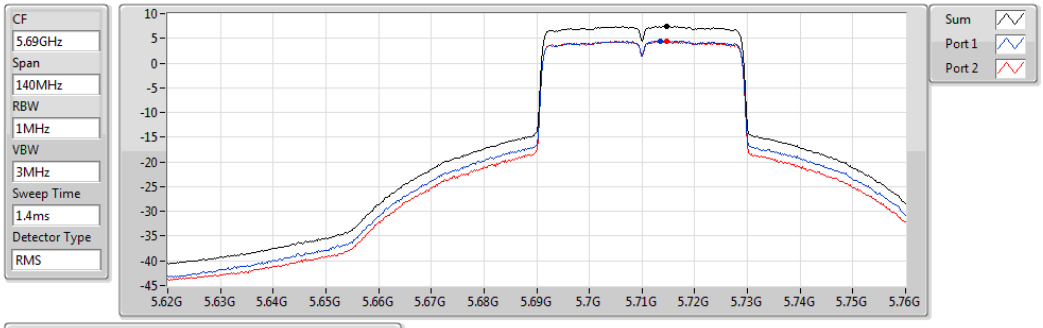
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	4.78	5.15

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

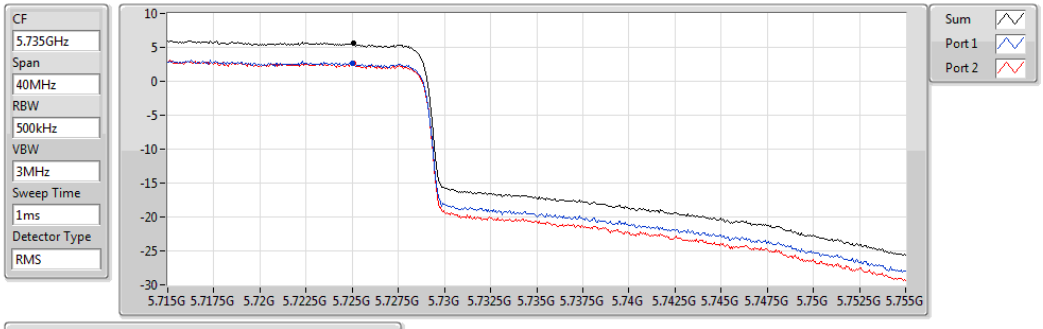
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.44	7.44	4.52	4.35

802.11ax HEW40_RU484_Index65_Nss1,(MCS0)_2TX **PSD**

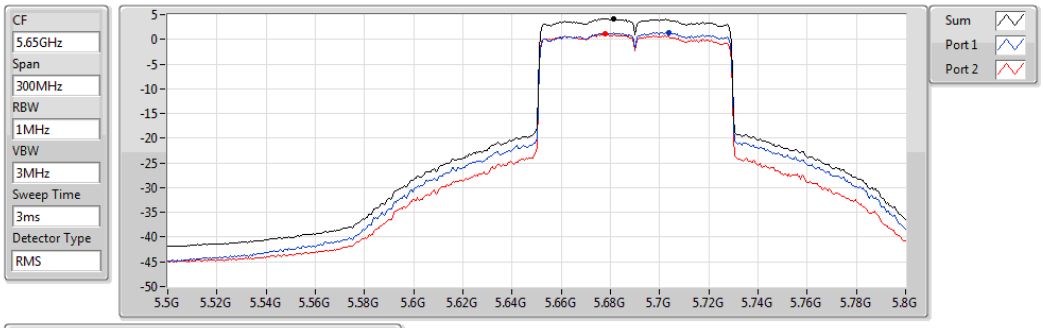
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	2.69	2.61

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **PSD**

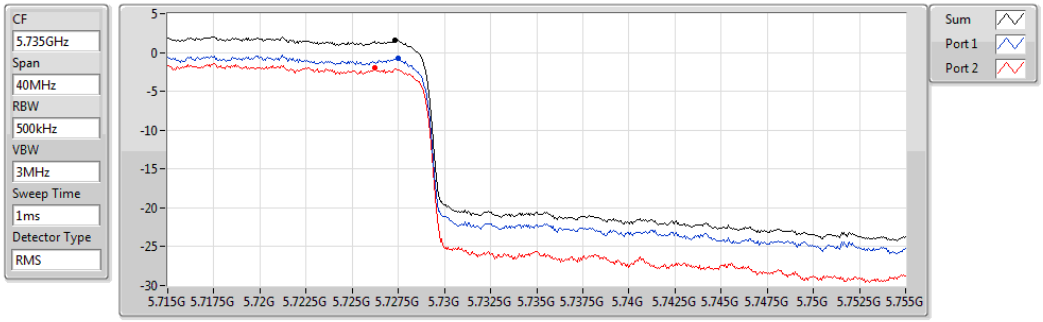
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	1.39	1.08

802.11ax HEW80_RU996_Index67_Nss1,(MCS0)_2TX **PSD**

5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.58	1.58	-0.77	-1.95

3.4.5 Test Result of Peak Power Spectral Density_11ax Partial RU mode

Ambient Condition	22-24°C / 63-66%	Tested By	Aska Huang

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	9.54	16.38
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	9.84	16.68
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	9.73	16.57
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	9.78	16.62
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	9.83	16.67
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	9.77	16.61
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	9.70	16.54
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	9.70	16.54
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	6.08	12.92
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	6.98	13.82
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	6.23	13.07
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	6.10	12.94
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	6.89	13.73
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	6.30	13.14
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	6.50	13.34
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	6.97	13.81
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	6.68	13.52
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	6.80	13.64
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	6.70	13.54
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-2.55	4.29
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-2.32	4.52
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-2.79	4.05
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-2.46	4.38
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	-2.30	4.54
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	-2.62	4.22
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-2.71	4.13
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	-2.30	4.54
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	-3.10	3.74
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-2.64	4.20
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-2.41	4.43
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	-2.91	3.93
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-2.31	4.53
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	-2.36	4.48

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	9.09	15.93
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	9.42	16.26
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	9.19	16.03
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	9.43	16.27
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	9.53	16.37
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	9.46	16.30
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	9.41	16.25
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	9.38	16.22
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	6.01	12.85
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	6.97	13.81
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	5.97	12.81
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	6.28	13.12
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	6.95	13.79
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	6.38	13.22
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	6.58	13.42
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	6.97	13.81
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	6.62	13.46
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	6.84	13.68
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	6.80	13.64
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	-1.10	5.74
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	-1.08	5.76
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	-1.61	5.23
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	-1.19	5.65
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	-1.22	5.62
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	-1.56	5.28
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	-1.24	5.60
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	-1.12	5.72
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	-1.59	5.25
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	-1.38	5.46
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	-1.23	5.61
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	-1.90	4.94
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	-0.98	5.86
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	-1.20	5.64
5.47-5.725GHz	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	9.28	16.12
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	9.47	16.31
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	9.22	16.06
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	9.48	16.32

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	9.55	16.39
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	9.47	16.31
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	9.50	16.34
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	9.49	16.33
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	6.90	13.74
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	7.47	14.31
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	6.95	13.79
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	6.90	13.74
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	7.48	14.32
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	6.83	13.67
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	7.09	13.93
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	7.40	14.24
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	7.23	14.07
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	7.40	14.24
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	7.48	14.32
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	2.64	9.48
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	2.91	9.75
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	2.30	9.14
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	2.61	9.45
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	2.83	9.67
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	2.29	9.13
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	2.50	9.34
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	2.68	9.52
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	2.15	8.99
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	2.51	9.35
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	2.81	9.65
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	2.48	9.32
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	2.69	9.53
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	2.78	9.62
5.725-5.85GHz	-	-
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	10.91	17.75
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	11.03	17.87
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	10.85	17.69
802.11ax HEW20_RU52_Index37_Nss1,(MCS0)_2TX	10.80	17.64
802.11ax HEW20_RU52_Index38_Nss1,(MCS0)_2TX	10.89	17.73
802.11ax HEW20_RU52_Index40_Nss1,(MCS0)_2TX	10.81	17.65
802.11ax HEW20_RU106_Index53_Nss1,(MCS0)_2TX	10.86	17.70
802.11ax HEW20_RU106_Index54_Nss1,(MCS0)_2TX	10.88	17.72
802.11ax HEW40_RU26_Index0_Nss1,(MCS0)_2TX	7.39	14.23

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11ax HEW40_RU26_Index12_Nss1,(MCS0)_2TX	8.59	15.43
802.11ax HEW40_RU26_Index17_Nss1,(MCS0)_2TX	7.44	14.28
802.11ax HEW40_RU52_Index37_Nss1,(MCS0)_2TX	7.61	14.45
802.11ax HEW40_RU52_Index42_Nss1,(MCS0)_2TX	8.49	15.33
802.11ax HEW40_RU52_Index44_Nss1,(MCS0)_2TX	7.64	14.48
802.11ax HEW40_RU106_Index53_Nss1,(MCS0)_2TX	7.83	14.67
802.11ax HEW40_RU106_Index54_Nss1,(MCS0)_2TX	8.49	15.33
802.11ax HEW40_RU106_Index56_Nss1,(MCS0)_2TX	7.97	14.81
802.11ax HEW40_RU242_Index61_Nss1,(MCS0)_2TX	8.59	15.43
802.11ax HEW40_RU242_Index62_Nss1,(MCS0)_2TX	8.39	15.23
802.11ax HEW80_RU26_Index0_Nss1,(MCS0)_2TX	1.04	7.88
802.11ax HEW80_RU26_Index21_Nss1,(MCS0)_2TX	1.06	7.90
802.11ax HEW80_RU26_Index36_Nss1,(MCS0)_2TX	0.94	7.78
802.11ax HEW80_RU52_Index37_Nss1,(MCS0)_2TX	1.18	8.02
802.11ax HEW80_RU52_Index50_Nss1,(MCS0)_2TX	1.21	8.05
802.11ax HEW80_RU52_Index52_Nss1,(MCS0)_2TX	0.89	7.73
802.11ax HEW80_RU106_Index53_Nss1,(MCS0)_2TX	1.03	7.87
802.11ax HEW80_RU106_Index58_Nss1,(MCS0)_2TX	1.20	8.04
802.11ax HEW80_RU106_Index60_Nss1,(MCS0)_2TX	0.97	7.81
802.11ax HEW80_RU242_Index61_Nss1,(MCS0)_2TX	0.49	7.33
802.11ax HEW80_RU242_Index62_Nss1,(MCS0)_2TX	1.09	7.93
802.11ax HEW80_RU242_Index64_Nss1,(MCS0)_2TX	0.34	7.18
802.11ax HEW80_RU484_Index65_Nss1,(MCS0)_2TX	1.05	7.89
802.11ax HEW80_RU484_Index66_Nss1,(MCS0)_2TX	1.09	7.93

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_RU26_Index0_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	3.90	3.82	6.87	10.16	13.71	17.00
5200MHz	Pass	6.84	6.23	6.71	9.49	10.16	16.33	17.00
5240MHz	Pass	6.84	6.38	6.77	9.54	10.16	16.38	17.00
5260MHz	Pass	6.84	6.31	5.93	9.07	10.16	15.91	17.00
5300MHz	Pass	6.84	6.18	5.97	9.09	10.16	15.93	17.00
5320MHz	Pass	6.84	3.40	3.39	6.37	10.16	13.21	17.00
5500MHz	Pass	6.84	3.05	3.13	6.10	10.16	12.94	17.00
5580MHz	Pass	6.84	6.34	6.39	9.28	10.16	16.12	17.00
5700MHz	Pass	6.84	-0.22	-0.16	2.75	10.16	9.59	17.00
5745MHz	Pass	6.84	7.70	8.14	10.91	29.16	17.75	36.00
5785MHz	Pass	6.84	7.48	8.00	10.67	29.16	17.51	36.00
5825MHz	Pass	6.84	7.20	7.76	10.48	29.16	17.32	36.00
802.11ax HEW20_RU26_Index3_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	4.31	4.41	7.32	10.16	14.16	17.00
5200MHz	Pass	6.84	6.52	7.01	9.72	10.16	16.56	17.00
5240MHz	Pass	6.84	6.65	7.03	9.84	10.16	16.68	17.00
5260MHz	Pass	6.84	6.66	6.29	9.42	10.16	16.26	17.00
5300MHz	Pass	6.84	6.54	6.12	9.26	10.16	16.10	17.00
5320MHz	Pass	6.84	3.59	3.71	6.60	10.16	13.44	17.00
5500MHz	Pass	6.84	3.12	3.38	6.25	10.16	13.09	17.00
5580MHz	Pass	6.84	6.59	6.38	9.47	10.16	16.31	17.00
5700MHz	Pass	6.84	0.02	0.36	3.20	10.16	10.04	17.00
5745MHz	Pass	6.84	7.90	8.10	11.00	29.16	17.84	36.00
5785MHz	Pass	6.84	7.87	8.33	11.03	29.16	17.87	36.00
5825MHz	Pass	6.84	7.67	8.13	10.78	29.16	17.62	36.00
802.11ax HEW20_RU26_Index8_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.84	4.04	4.37	7.11	10.16	13.95	17.00
5200MHz	Pass	6.84	6.30	6.64	9.42	10.16	16.26	17.00
5240MHz	Pass	6.84	6.71	6.86	9.73	10.16	16.57	17.00
5260MHz	Pass	6.84	6.40	6.01	9.19	10.16	16.03	17.00
5300MHz	Pass	6.84	6.31	5.84	9.05	10.16	15.89	17.00
5320MHz	Pass	6.84	3.57	3.52	6.56	10.16	13.40	17.00
5500MHz	Pass	6.84	3.17	3.08	6.12	10.16	12.96	17.00
5580MHz	Pass	6.84	6.43	6.03	9.22	10.16	16.06	17.00
5700MHz	Pass	6.84	0.05	0.17	3.09	10.16	9.93	17.00
5745MHz	Pass	6.84	7.84	7.89	10.85	29.16	17.69	36.00
5785MHz	Pass	6.84	7.77	7.94	10.81	29.16	17.65	36.00