Testing Laboratory 3787

RADIO TEST REPORT

FCC ID	:	S9GR650P
Equipment	:	R650p Access Point
Brand Name	:	Ruckus
Model Name	:	R650p
Applicant	:	Ruckus Wireless, Inc. 350 West Java Drive, Sunnyvale , California 94089 United States
Manufacturer	:	Ruckus Wireless, Inc. 350 West Java Drive, Sunnyvale , California 94089 United States
Standard	:	47 CFR FCC Part 15.407

The product was received on Sep. 11, 2019, and testing was started from Sep. 14, 2019 and completed on Jun. 21, 2021. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

Approved by: Sam Chen

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

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History of this test report

Report No.	Version	Description	Issued Date
FR980216-02AB	01	Initial issue of report	Jul. 02, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-
Note: Reference to Sporton Project No.: 980216, 980216-01.				

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.

Reviewed by: Sam Chen

Report Producer: Wendy Pan

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX

Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Table for 80+80 MHz Mode

Type	Channel No.	Frequency
1	Continuously 80+80MHz-42(port1+2)+58(port3+4)	5210+5290 MHz
2	Continuously 80+80MHz-106(port1+2)+122(port3+4)	5530+5610 MHz

1.1.3 Antenna Information

Ant.	Port		Brand	Model Name	Ant. Type	Connector	Ant. Gain (dBi)	
	WLAN 2.4GHz	WLAN 5GHz					WLAN 2.4GHz	WLAN 5GHz
1	1	-	Ruckus	KAUS	PCB	I-PEX	2.3	-
2	2	-	Ruckus	HERSCHEL	PCB	I-PEX	2.3	-
3	-	1	Ruckus	PIFA5G	Metal	I-PEX	-	2
4	-	2	Ruckus	QUASAR	PCB	I-PEX	-	2
5	-	3	Ruckus	SADAL	PCB	I-PEX	-	2
6	-	4	Ruckus	CORZAR	PCB	I-PEX	-	2

Note 1:

WLAN 2.4GHz and 5GHz antenna configuration:

Ant.	Polarity				Array Gain (dBi)			
	WLAN 2.4GHz		WLAN 5GHz		WLAN 2.4GHz	WLAN 5GHz		
	Vertical	Horizontal	Vertical	Horizontal		Other Bandwidth	Continuously 80+80MHz-42 (port1+2)+58 (port3+4)	Continuously 80+80MHz-106 (port1+2)+122(port3+4)
1	V	-	-	-	0	-	-	-
2	-	V	-	-		-	-	-
3	-	-	V	-	-	3.01	0	3.01
4	-	-	-	V	-			
5	-	-	-	V	-			
6	-	-	V	-	-			

Note 2: The above information was declared by manufacturer.

For 2.4GHz function:

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

Port 1 and Port 2 can be used as transmitting/receiving antenna.

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

For IEEE 802.11a/n/ac/ax (4TX/4RX):

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

Port 1, Port 2, Pot 3 and Port 4 could transmit/receive simultaneously.

1.1.4 Mode Test Duty Cycle

RU(100%):

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.949	0.23	1.98m	1k
802.11ac VHT20	0.951	0.22	5.435m	300
802.11ac VHT40	0.95	0.22	5.435m	300
802.11ac VHT80	0.953	0.21	5.435m	300
802.11ax HEW20	0.955	0.2	5.46m	300
802.11ax HEW40	0.955	0.2	5.455m	300
802.11ax HEW80	0.957	0.19	5.46m	300
802.11ac VHT80+80	0.945	0.25	5.433m	300
802.11ax HEW80+80	0.955	0.2	5.455m	300

RU (20M: 66% / 40M: 60% / 80M: 48%):

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.845	0.73	1.575m	1k
802.11ax HEW40	0.9	0.46	2.06m	1k
802.11ax HEW80	0.785	1.05	795u	3k

RU (20M: 56% / 40M: 56% / 80M: 72%):

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.946	0.24	3.87m	300
802.11ax HEW40	0.902	0.45	2.84m	1k
802.11ax HEW80	0.85	0.71	1.99m	1k

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

1.1.5 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QRCT 4.0.00123, PUTTY(version 0.62.0.0)			

Note: The above information was declared by manufacturer.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15.407
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01

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

- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (For Band 1 & Band 4)	TH01-CB	Jeff Wu	22.4-23.8 / 49-54	Sep. 16, 2019~ Nov. 14, 2019
RF Conducted (For Band 2 & Band 3)	TH01-CB	Ekko Hsieh	24.5-25.5 / 62-66	Sep. 16, 2019~ Nov. 14, 2019
Radiated (Below 1GHz)	03CH01-CB	Stim Sung	20.5-21.4 / 56-57	Jun. 17, 2021
Radiated (Above 1GHz)	03CH01-CB	KJ Chang, Stim Sung	24.8-27 / 59-60	Sep. 14, 2019~ Nov. 08, 2019
AC Conduction	CO01-CB	Peter Wu	24~25 / 56~58	Jun. 21, 2021

1.4 Measurement Uncertainty

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

For Other test items:

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

For AC Conduction Radiated and (Below 1GHz) test:

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	4.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.5 dB	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

20/40/80MHz RU(100%):
For Band 1 & Band 4:

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	21
5200MHz	22
5240MHz	22
5745MHz	19.5
5785MHz	19.5
5825MHz	19.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	20
5200MHz	22
5240MHz	22
5745MHz	20.5
5785MHz	20.5
5825MHz	20.5
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	17.5
5230MHz	22
5755MHz	22
5795MHz	22
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	16.5
5775MHz	19
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	20
5200MHz	22
5240MHz	22
5745MHz	20.5
5785MHz	20.5
5825MHz	20.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	17.5
5230MHz	22
5755MHz	22
5795MHz	22

Mode	PowerSetting
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	16.5
5775MHz	19

For Band 2 & Band 3:

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	17
5300MHz	17
5320MHz	17
5500MHz	17
5580MHz	17.5
5700MHz	17.5
5720MHz Straddle 5.47-5.725GHz	18
5720MHz Straddle 5.725-5.85GHz	18
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17.5
5500MHz	17.5
5580MHz	17.5
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	17.5
5310MHz	17.5
5510MHz	16.5
5550MHz	17.5
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	17
5530MHz	15.5
5610MHz	17.5
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	17.5
5300MHz	17.5
5320MHz	17
5500MHz	17
5580MHz	17
5700MHz	17

Mode	PowerSetting
5720MHz Straddle 5.47-5.725GHz	17.5
5720MHz Straddle 5.725-5.85GHz	17.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5510MHz	16.5
5550MHz	17
5670MHz	17.5
5710MHz Straddle 5.47-5.725GHz	19
5710MHz Straddle 5.725-5.85GHz	19
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	17
5530MHz	15.5
5610MHz	17
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5

80+80MHz RU(100%):

Mode	Power Setting
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	16.5
5210MHz,#5290MHz	16.5
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
#5530MHz,#5610MHz	16.5
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	16.5
5210MHz,#5290MHz	16.5
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-
#5530MHz,#5610MHz	16.5

RU (20M: 66% / 40M: 60% / 80M: 48%):
For Band 1 & Band 4

Mode	PowerSetting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	18.5
5200MHz	20.5
5240MHz	20.5
5745MHz	19
5785MHz	18.5
5825MHz	18.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	15
5230MHz	19
5755MHz	19.5
5795MHz	19.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	14.5
5775MHz	17

For Band 2 & Band 3

Mode	PowerSetting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	16.5
5300MHz	16
5320MHz	15.5
5500MHz	15.5
5580MHz	15.5
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	17
5720MHz Straddle 5.725-5.85GHz	17
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	14
5310MHz	14
5510MHz	13.5
5550MHz	14
5670MHz	15
5710MHz Straddle 5.47-5.725GHz	15.5
5710MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	14.5
5530MHz	13
5610MHz	14.5
5690MHz Straddle 5.47-5.725GHz	16.5
5690MHz Straddle 5.725-5.85GHz	15

RU (20M: 56% / 40M: 56% / 80M: 72%):
For Band 1 & Band 4

Mode	PowerSetting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	17
5200MHz	19
5240MHz	19
5745MHz	17.5
5785MHz	17
5825MHz	17
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	15
5230MHz	19.5
5755MHz	19.5
5795MHz	19.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	15
5775MHz	18

For Band 2 & Band 3

Mode	PowerSetting
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	15
5300MHz	15
5320MHz	14.5
5500MHz	14.5
5580MHz	14.5
5700MHz	15.5
5720MHz Straddle 5.47-5.725GHz	15.5
5720MHz Straddle 5.725-5.85GHz	15.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	14
5310MHz	14
5510MHz	13.5
5550MHz	14
5670MHz	15
5710MHz Straddle 5.47-5.725GHz	16.5
5710MHz Straddle 5.725-5.85GHz	16.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	15.5
5530MHz	14
5610MHz	15.5
5690MHz Straddle 5.47-5.725GHz	17.5
5690MHz Straddle 5.725-5.85GHz	17.5

Note:
- Evaluated HEW20/HEW40/HEW80 mode only, due to similar modulation. The power setting of HT20/ HT40/VHT20/VHT40/VHT80 mode are the same or lower than HEW20/HEW40/HEW80.
- There are two modes of EUT, one is beamforming mode, and the other is Non-beamforming mode for n/ac/ax in 5GHz, Only Non-beamforming mode was tested and recorded in this report.
- The power setting will be 3dB lower than non-beamforming for beamforming mode by manufacturer declaration.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	CTX - WLAN 2.4GHz + Adapter
2	CTX - WLAN 2.4GHz + PoE
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	CTX - WLAN 5GHz + Adapter
For operating mode 1 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode	CTX
1	CTX - WLAN 2.4GHz + Adapter
2	CTX - WLAN 2.4GHz + PoE
Mode 2 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	CTX - WLAN 5GHz + PoE
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA980216-02 for Co-location RF Exposure Evaluation.	

Note 1: The EUT can only be used at Y axis position.

Note 2: The PoE and Adapter below are for measurement only, would not be marketed.

Power	Brand	Model No.
Adapter	Ruckus	740-64277-001
PoE	Ruckus	740-64216-001

Note 3: The RU100 performed all test items, but the others RU performed the test item "Output Power and Power Spectral Density" only.

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	JetFlash-700	N/A
B	LAN NB	DELL	E6430	N/A
C	Adapter	Ruckus	740-64277-001	Adapter

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Ruckus	740-64216-001	N/A

For Radiated (above 1GHz):

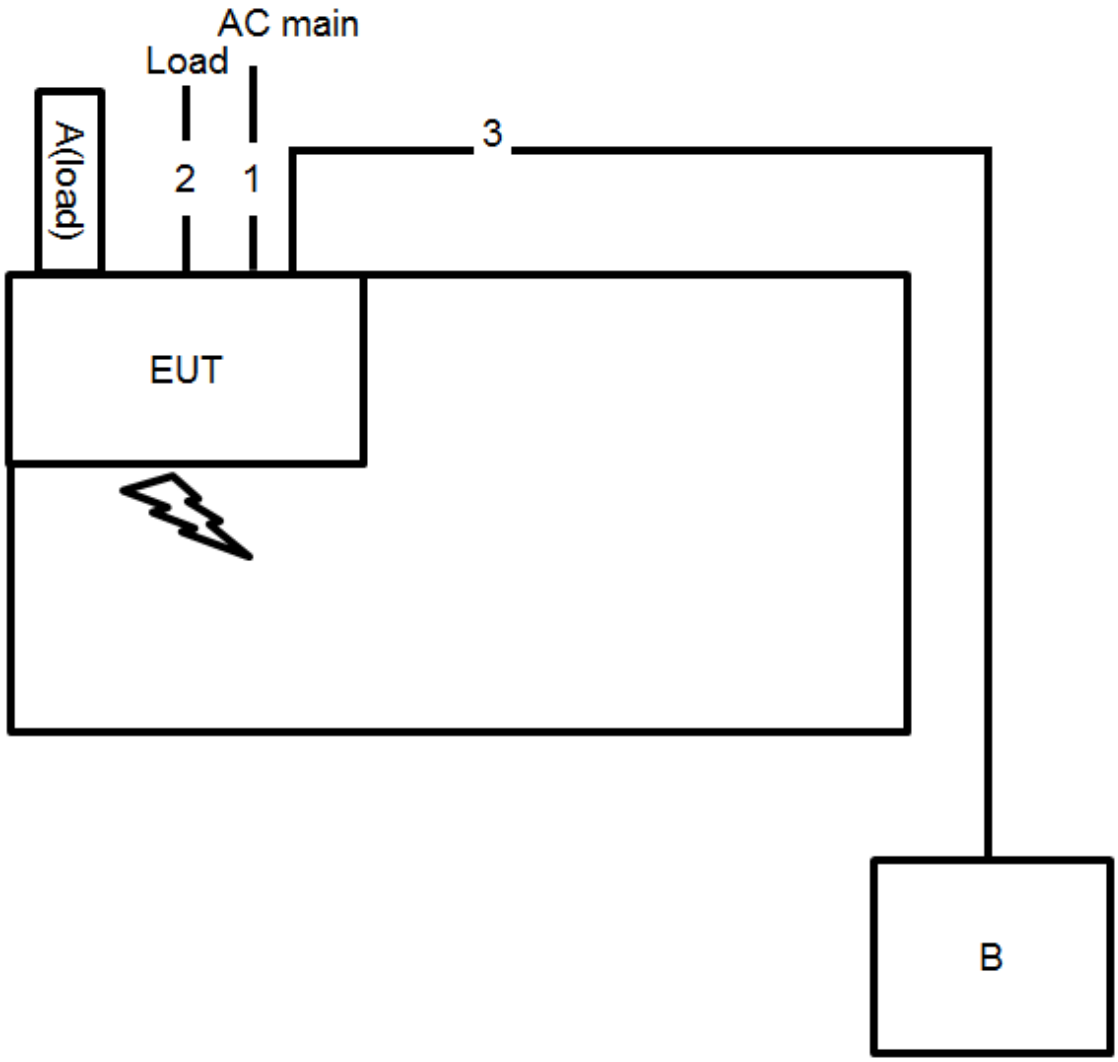
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	Ruckus	740-64216-001	N/A

For RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Adapter	Ruckus	740-64277-001	N/A

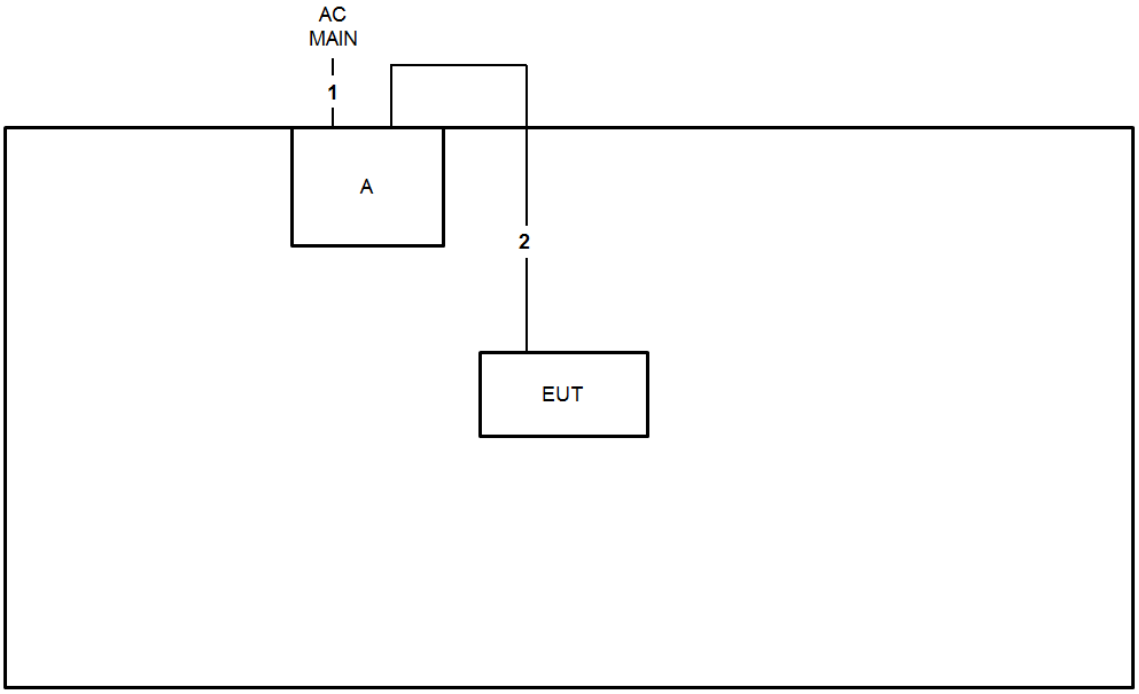
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



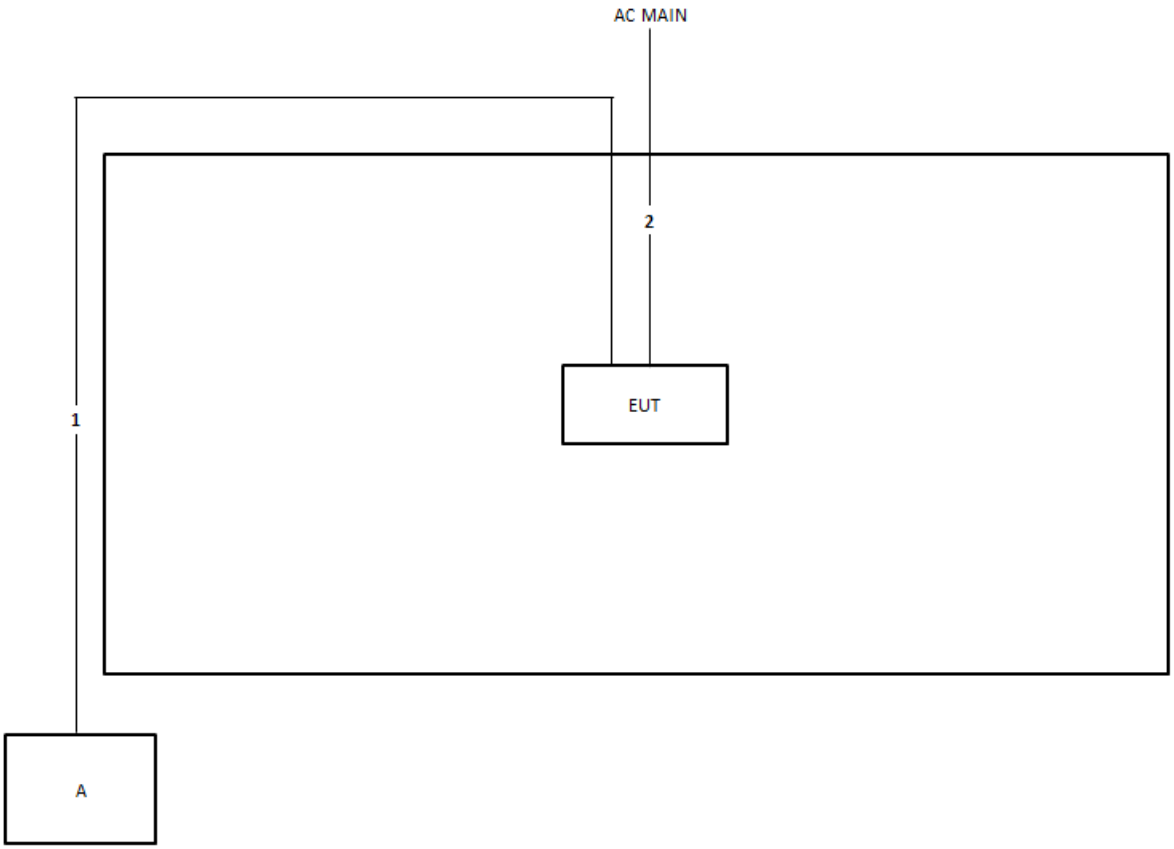
Item	Connection	Shielded	Length
1	Power cable	No	3.1m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.75m
2	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz



Item	Connection	Shielded	Length
1	RJ-45 cable	No	10m
2	Power cable	No	3.1m

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

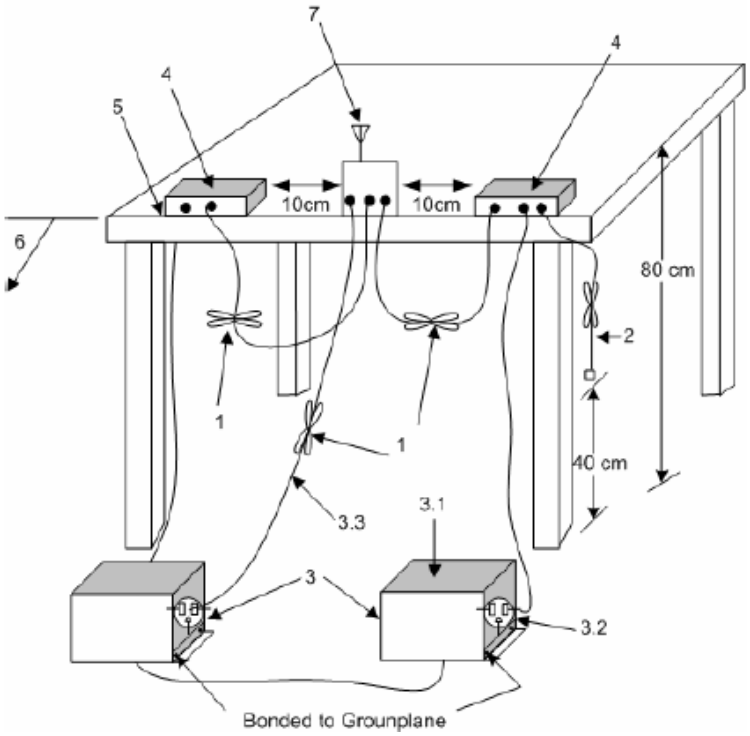
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

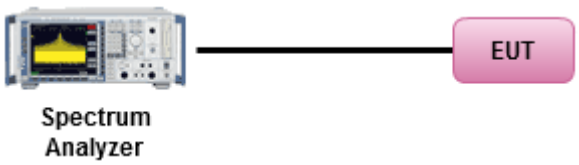
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

Test Method		
▪	For the emission bandwidth shall be measured using one of the options below:	
	☒	Refer as FCC KDB 789033, clause C for EBW and clause D for OBW measurement.
	☐	Refer as ANSI C63.10, clause 6.9.1 for occupied bandwidth testing.
	☐	Refer as IC RSS-Gen, clause 4.6 for bandwidth testing.

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
P_{Out} = maximum conducted output power in dBm, **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

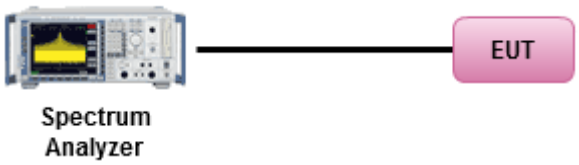
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method PM-G (using an RF average power meter).
▪ For conducted measurement.	
	▪ If the EUT supports multiple transmit chains using options given below: Refer as FCC KDB 662911, In-band power measurements. Using the measure-and-sum approach, measured all transmit ports individually. Sum the power (in linear power units e.g., mW) of all ports for each individual sample and save them.
	▪ If multiple transmit chains, EIRP calculation could be following as methods: $P_{total} = P_1 + P_2 + \ldots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

For straddle channel

RF Output Power (Spectrum Analyzer)


For others channel

RF Output Power (Power Meter)


3.3.4 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

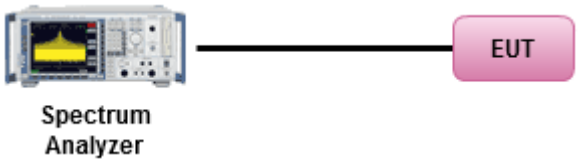
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

Test Method		
▪ Peak power spectral density procedures that the same method as used to determine the conducted output power shall be used to determine the peak power spectral density and use the peak search function on the spectrum analyzer to find the peak of the spectrum. For the peak power spectral density shall be measured using below options:		
	☐ Refer as FCC KDB 789033, F)5) power spectral density can be measured using resolution bandwidths < 1 MHz provided that the results are integrated over 1 MHz bandwidth	
	[duty cycle ≥ 98% or external video / power trigger]	
	☒ Refer as FCC KDB 789033, clause E Method SA-1 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-1 Alt. (RMS detection with slow sweep speed)	
	duty cycle < 98% and average over on/off periods with duty factor	
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).	
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)	
▪ For conducted measurement.		
	▪ If the EUT supports multiple transmit chains using options given below:	
		☒ Option 1: Measure and sum the spectra across the outputs. Refer as FCC KDB 662911, In-band power spectral density (PSD). Sample all transmit ports simultaneously using a spectrum analyzer for each transmit port. Where the trace bin-by-bin of each transmit port summing can be performed. (i.e., in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3, and so on up to the NTX output to obtain the value for the first frequency bin of the summed spectrum.). Add up the amplitude (power) values for the different transmit chains and use this as the new data trace.
		☐ Option 2: Measure and sum spectral maxima across the outputs. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs. These operations shall be performed separately over frequency spans that have different out-of-band or spurious emission limits,
		☐ Option 3: Measure and add 10 log(N) dB, where N is the number of transmit chains. Refer as FCC KDB 662911, In-band power spectral density (PSD). Performed at each transmit chains and each transmit chains shall be compared with the limit have been reduced with 10 log(N). Or each transmit chains shall be add 10 log(N) to compared with the limit.
	▪	If multiple transmit chains, EIRP PPSD calculation could be following as methods: $PPSD_{total} = PPSD_1 + PPSD_2 + \ldots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

Unwanted emissions below 1 GHz and restricted band emissions above 1GHz limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.5.2 Measuring Instruments

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

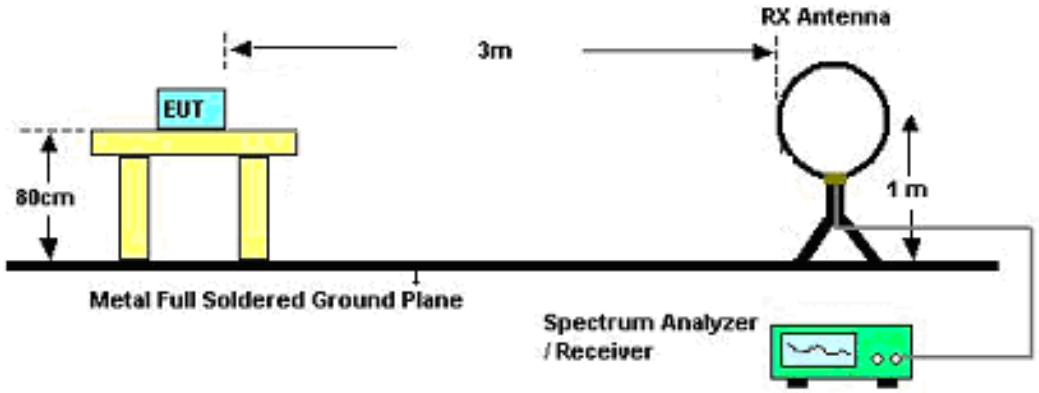
3.5.3 Test Procedures

Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].			
▪ For the transmitter unwanted emissions shall be measured using following options below:			
	▪ Refer as FCC KDB 789033, clause G)2) for unwanted emissions into non-restricted bands.		
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.		
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).	
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).	
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.	
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.	
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.	
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.	
▪ For radiated measurement.			
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.		
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.		
▪ The any unwanted emissions level shall not exceed the fundamental emission level.			
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.			

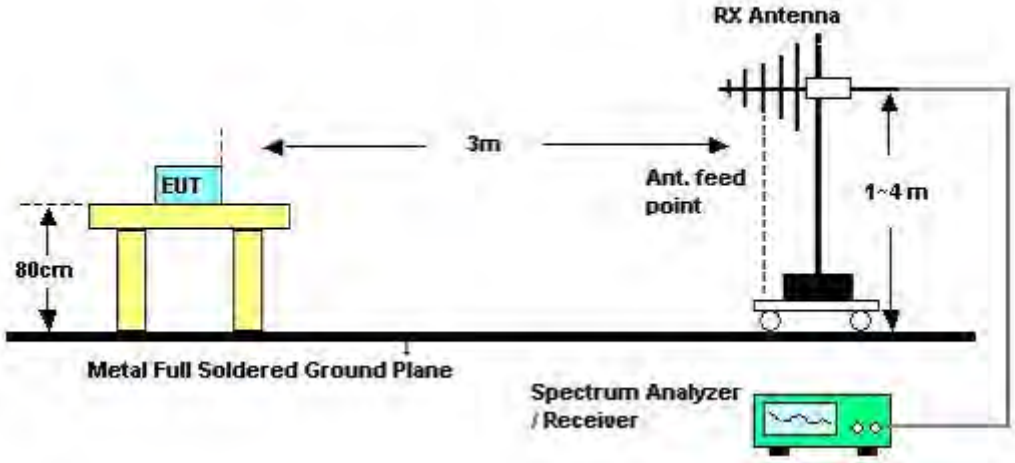
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

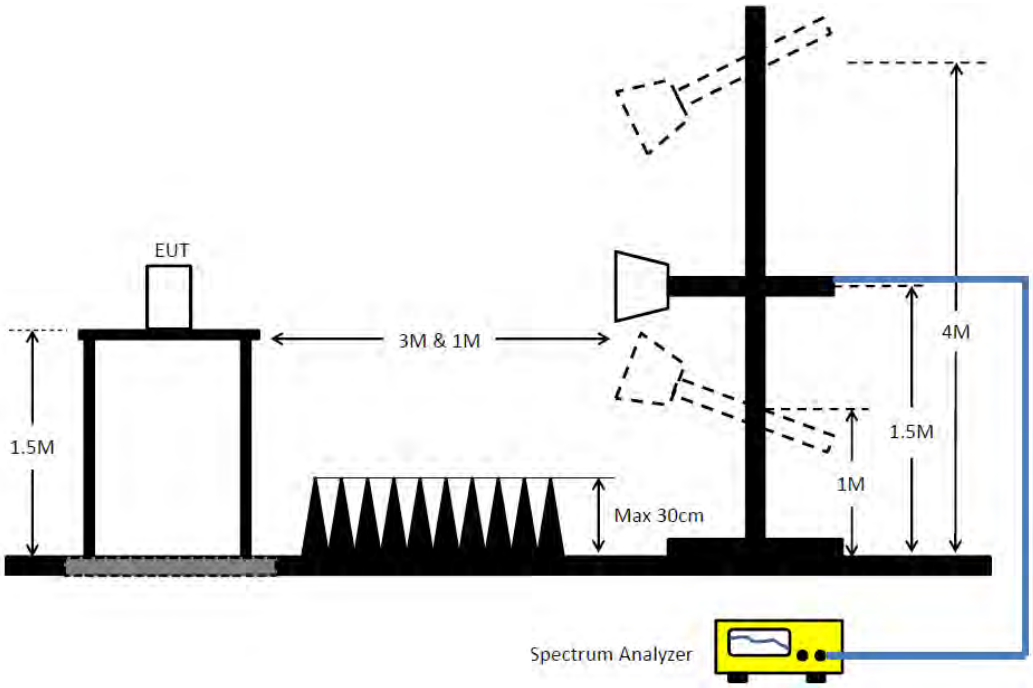
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.
The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.4GHz	Mar. 03, 2021	Mar. 02, 2022	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Jan. 06, 2021	Jan. 05, 2022	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Mar. 07, 2021	Mar. 06, 2022	Conduction (CO01-CB)
Pulse Limiter	Rohde&Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 30, 2021	Jan. 29, 2022	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 19, 2021	May 18, 2022	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
3m Semi Anechoic Chamber NSA	TDK	SAC-3M	03CH01-CB	30 MHz ~ 1 GHz	Jan. 26, 2021	Jan. 25, 2022	Radiation (03CH01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Feb. 22, 2021	Feb. 21, 2022	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 14, 2021	Apr. 13, 2022	Radiation (03CH01-CB)
Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESR7	102171	9kHz ~ 26GHz	Jul. 01, 2020	Jun. 30, 2021	Radiation (03CH01-CB)
RF Cable-low	Woken	RG402	Low Cable-16+17	30 MHz ~ 1 GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2019	Nov. 03, 2020	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2019	Jan. 07, 2020	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	May 03, 2021	May 02, 2022	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH01-CB)

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

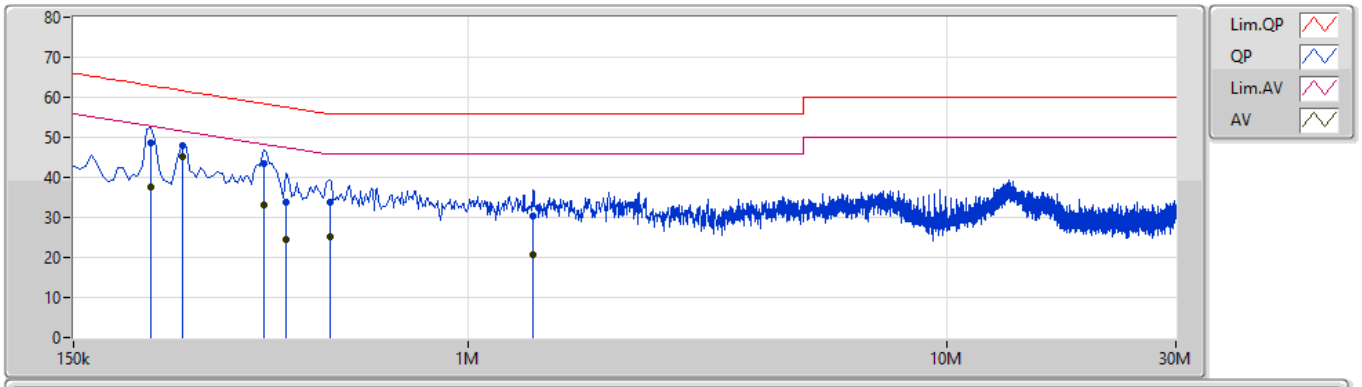
NCR means Non-Calibration required.

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	AV	253.5k	45.09	51.64	-6.55	Line

Mode 1

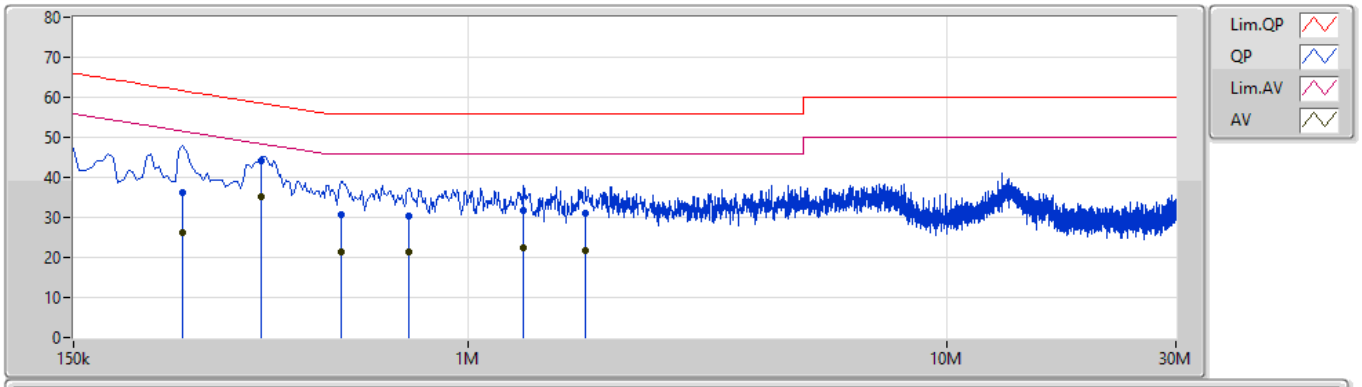
21/06/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	48.79	62.92	-14.13	9.89	Line	-	38.90	0.04	0.04	9.81
AV	217.5k	37.45	52.92	-15.47	9.89	Line	-	27.56	0.04	0.04	9.81
QP	253.5k	47.85	61.64	-13.79	9.89	Line	-	37.96	0.04	0.04	9.81
AV	253.5k	45.09	51.64	-6.55	9.89	Line	"Worst"	35.20	0.04	0.04	9.81
QP	375k	43.29	58.39	-15.10	9.90	Line	-	33.39	0.04	0.04	9.82
AV	375k	33.24	48.39	-15.15	9.90	Line	-	23.34	0.04	0.04	9.82
QP	415.5k	33.81	57.53	-23.72	9.90	Line	-	23.91	0.04	0.04	9.82
AV	415.5k	24.54	47.53	-22.99	9.90	Line	-	14.64	0.04	0.04	9.82
QP	514.5k	33.63	56.00	-22.37	9.91	Line	-	23.72	0.05	0.04	9.82
AV	514.5k	25.18	46.00	-20.82	9.91	Line	-	15.27	0.05	0.04	9.82
QP	1.365M	30.19	56.00	-25.81	9.95	Line	-	20.24	0.07	0.05	9.83
AV	1.365M	20.59	46.00	-25.41	9.95	Line	-	10.64	0.07	0.05	9.83

Mode 1

21/06/2021



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	253.5k	36.36	61.64	-25.28	9.88	Neutral	-	26.48	0.03	0.04	9.81
AV	253.5k	26.16	51.64	-25.48	9.88	Neutral	-	16.28	0.03	0.04	9.81
QP	370.5k	44.30	58.49	-14.19	9.89	Neutral	-	34.41	0.03	0.04	9.82
AV	370.5k	35.32	48.49	-13.17	9.89	Neutral	"Worst"	25.43	0.03	0.04	9.82
QP	541.5k	30.65	56.00	-25.35	9.90	Neutral	-	20.75	0.04	0.04	9.82
AV	541.5k	21.42	46.00	-24.58	9.90	Neutral	-	11.52	0.04	0.04	9.82
QP	753k	30.35	56.00	-25.65	9.91	Neutral	-	20.44	0.04	0.04	9.83
AV	753k	21.39	46.00	-24.61	9.91	Neutral	-	11.48	0.04	0.04	9.83
QP	1.307M	31.70	56.00	-24.30	9.94	Neutral	-	21.76	0.06	0.05	9.83
AV	1.307M	22.25	46.00	-23.75	9.94	Neutral	-	12.31	0.06	0.05	9.83
QP	1.757M	30.94	56.00	-25.06	9.95	Neutral	-	20.99	0.07	0.06	9.82
AV	1.757M	21.60	46.00	-24.40	9.95	Neutral	-	11.65	0.07	0.06	9.82

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.175M	16.525M	16M5D1D	19.425M	16.417M
802.11ac VHT20_Nss1,(MCS0)_4TX	26.95M	17.716M	17M7D1D	20.8M	17.598M
802.11ac VHT40_Nss1,(MCS0)_4TX	69.2M	36.382M	36M4D1D	39.55M	36.079M
802.11ac VHT80_Nss1,(MCS0)_4TX	81.7M	75.563M	75M6D1D	81.1M	75.299M
802.11ax HEW20_Nss1,(MCS0)_4TX	29.025M	19.015M	19M0D1D	21.5M	18.869M
802.11ax HEW40_Nss1,(MCS0)_4TX	64.2M	37.952M	38M0D1D	40.65M	37.656M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.2M	77.277M	77M3D1D	81.9M	76.9M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.325M	16.461M	16M5D1D	15.75M	16.37M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.575M	17.67M	17M7D1D	16.85M	17.603M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.45M	36.427M	36M4D1D	34.85M	36.224M
802.11ac VHT80_Nss1,(MCS0)_4TX	76.2M	75.464M	75M5D1D	74.8M	75.232M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.875M	18.993M	19M0D1D	18.375M	18.892M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.95M	38.08M	38M1D1D	37.1M	37.808M
802.11ax HEW80_Nss1,(MCS0)_4TX	76.9M	77.186M	77M2D1D	71.1M	76.968M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

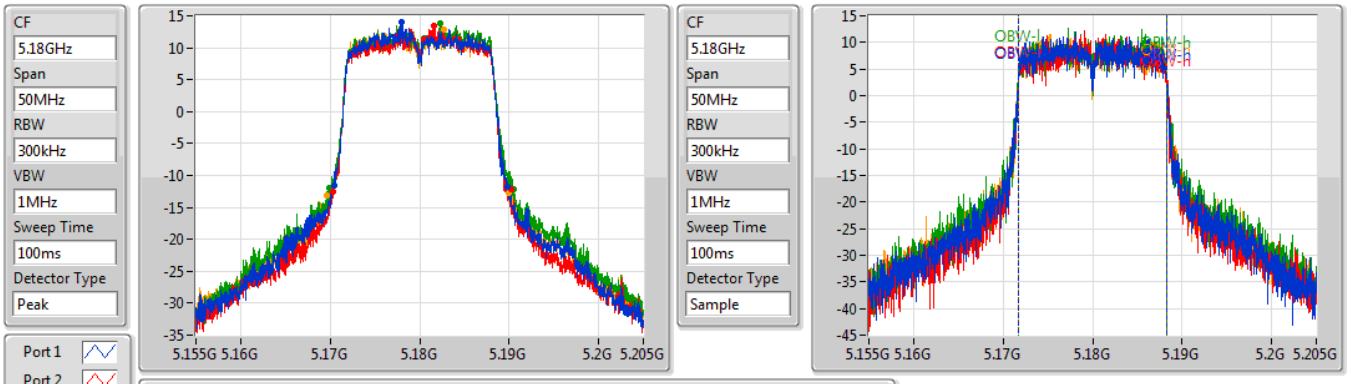
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.425M	16.475M	19.9M	16.475M	20.6M	16.525M	20.375M	16.475M
5200MHz	Pass	Inf	24.45M	16.517M	23.75M	16.417M	26.175M	16.492M	24.25M	16.517M
5240MHz	Pass	Inf	24.125M	16.467M	22.825M	16.467M	25.275M	16.467M	25.45M	16.492M
5745MHz	Pass	500k	16.05M	16.439M	16.325M	16.398M	16.3M	16.424M	16.3M	16.405M
5785MHz	Pass	500k	16.275M	16.396M	15.925M	16.432M	16.025M	16.393M	16.05M	16.436M
5825MHz	Pass	500k	16.3M	16.418M	16.05M	16.37M	15.75M	16.424M	15.925M	16.461M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.225M	17.612M	20.8M	17.619M	21.825M	17.598M	20.825M	17.618M
5200MHz	Pass	Inf	23.575M	17.691M	23.425M	17.641M	26.95M	17.691M	25.7M	17.716M
5240MHz	Pass	Inf	26.875M	17.666M	25.5M	17.666M	26.875M	17.691M	24.95M	17.691M
5745MHz	Pass	500k	16.975M	17.63M	17.575M	17.618M	17.375M	17.623M	17.525M	17.621M
5785MHz	Pass	500k	17.525M	17.631M	17.55M	17.619M	17.125M	17.603M	17.525M	17.651M
5825MHz	Pass	500k	16.85M	17.67M	17.525M	17.669M	17.4M	17.626M	16.975M	17.655M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.55M	36.135M	40.05M	36.166M	40M	36.079M	39.65M	36.124M
5230MHz	Pass	Inf	45.55M	36.202M	43.05M	36.193M	69.2M	36.382M	45.3M	36.263M
5755MHz	Pass	500k	36.25M	36.335M	35.6M	36.242M	36M	36.38M	36.15M	36.404M
5795MHz	Pass	500k	36.1M	36.375M	36.15M	36.224M	34.85M	36.324M	36.45M	36.427M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.7M	75.299M	81.1M	75.381M	81.6M	75.563M	81.1M	75.466M
5775MHz	Pass	500k	76.2M	75.232M	75.5M	75.464M	74.8M	75.436M	76M	75.418M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.5M	18.886M	21.5M	18.916M	21.7M	18.869M	21.55M	18.897M
5200MHz	Pass	Inf	26.1M	19.015M	26.175M	19.015M	27.65M	19.015M	24.575M	18.966M
5240MHz	Pass	Inf	25.775M	18.991M	26.775M	18.966M	29.025M	18.966M	27.25M	18.966M
5745MHz	Pass	500k	18.75M	18.932M	18.65M	18.929M	18.8M	18.936M	18.75M	18.937M
5785MHz	Pass	500k	18.375M	18.937M	18.725M	18.903M	18.875M	18.939M	18.85M	18.892M
5825MHz	Pass	500k	18.575M	18.955M	18.85M	18.993M	18.825M	18.967M	18.475M	18.969M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.8M	37.681M	40.95M	37.656M	40.7M	37.674M	40.65M	37.732M
5230MHz	Pass	Inf	48.8M	37.821M	49.1M	37.785M	64.2M	37.947M	59.3M	37.952M
5755MHz	Pass	500k	37.7M	37.948M	37.4M	37.809M	37.95M	37.937M	37.1M	38.075M
5795MHz	Pass	500k	37.85M	38.074M	37.2M	37.808M	37.85M	37.946M	37.7M	38.08M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82M	77.129M	82.2M	77.198M	82.1M	76.9M	81.9M	77.277M
5775MHz	Pass	500k	76.9M	77.186M	71.1M	77.079M	75.6M	77.087M	75M	76.968M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

17/09/2019

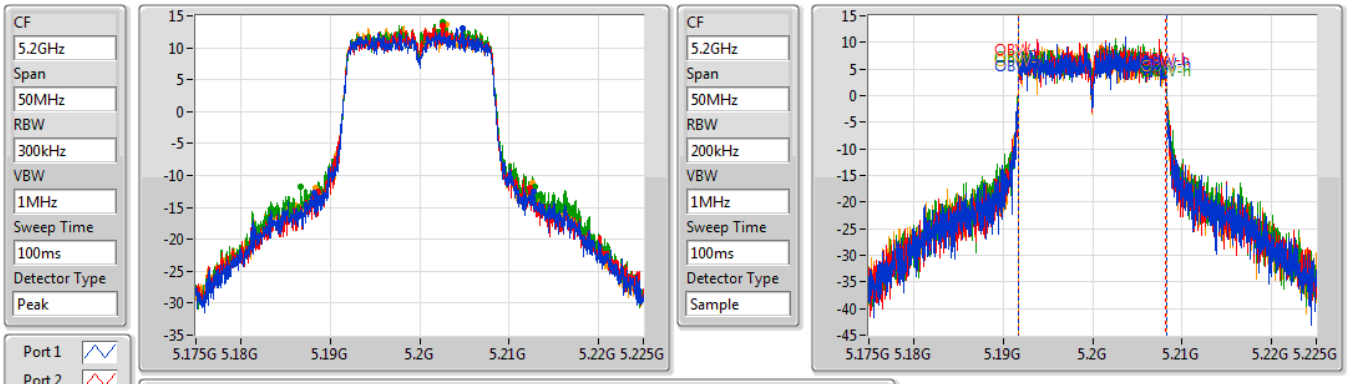


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.425M	5.1704G	5.189825G	16.475M	5.171775G	5.18825G	Inf	1
19.9M	5.1703G	5.1902G	16.475M	5.17175G	5.188225G	Inf	2
20.6M	5.16995G	5.19055G	16.525M	5.171725G	5.18825G	Inf	3
20.375M	5.16965G	5.190025G	16.475M	5.17175G	5.188225G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

19/09/2019

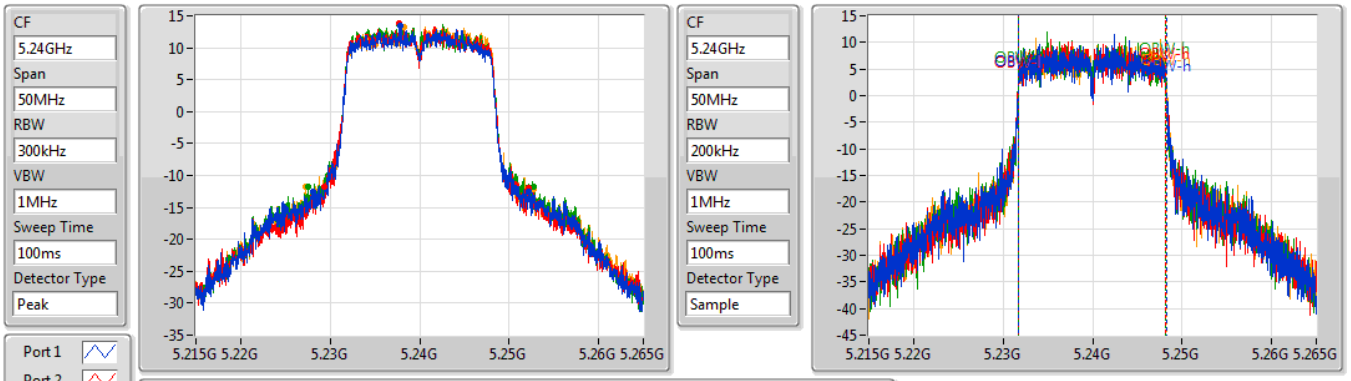


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.45M	5.188275G	5.212725G	16.517M	5.191729G	5.208246G	Inf	1
23.75M	5.188625G	5.212375G	16.417M	5.191779G	5.208196G	Inf	2
26.175M	5.1867G	5.212875G	16.492M	5.191754G	5.208246G	Inf	3
24.25M	5.188375G	5.212625G	16.517M	5.191729G	5.208246G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

19/09/2019

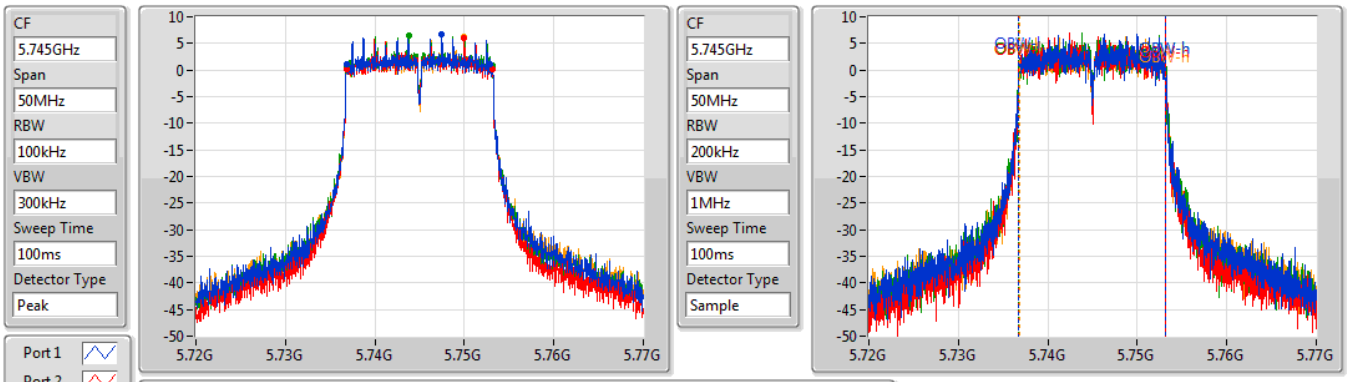


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.125M	5.2281G	5.252225G	16.467M	5.231754G	5.248221G	Inf	1
22.825M	5.22935G	5.252175G	16.467M	5.231729G	5.248196G	Inf	2
25.275M	5.227475G	5.25275G	16.467M	5.231729G	5.248196G	Inf	3
25.45M	5.2273G	5.25275G	16.492M	5.231729G	5.248221G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

17/09/2019

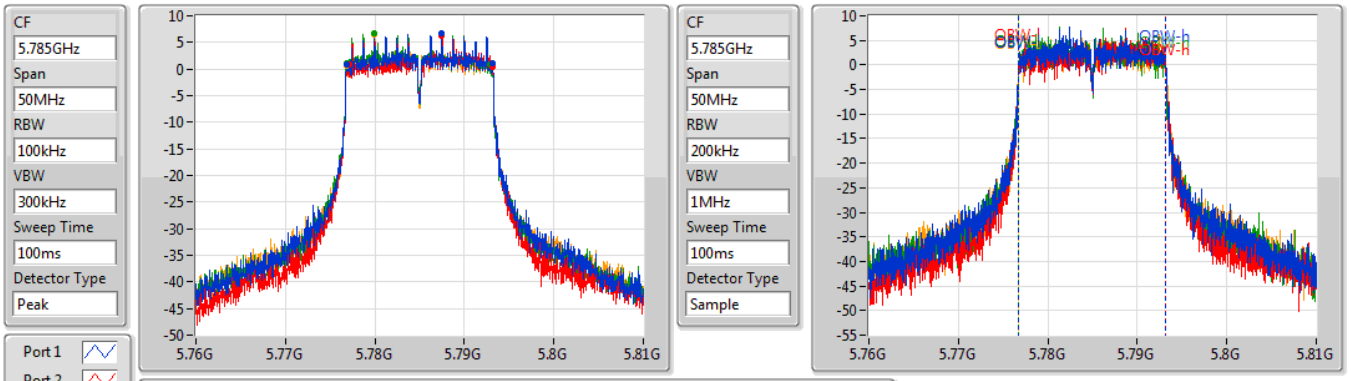


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.05M	5.736825G	5.752875G	16.439M	5.736755G	5.753195G	500k	1
16.325M	5.7368G	5.753125G	16.398M	5.736767G	5.753164G	500k	2
16.3M	5.736825G	5.753125G	16.424M	5.736767G	5.753191G	500k	3
16.3M	5.73685G	5.75315G	16.405M	5.736785G	5.75319G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

17/09/2019

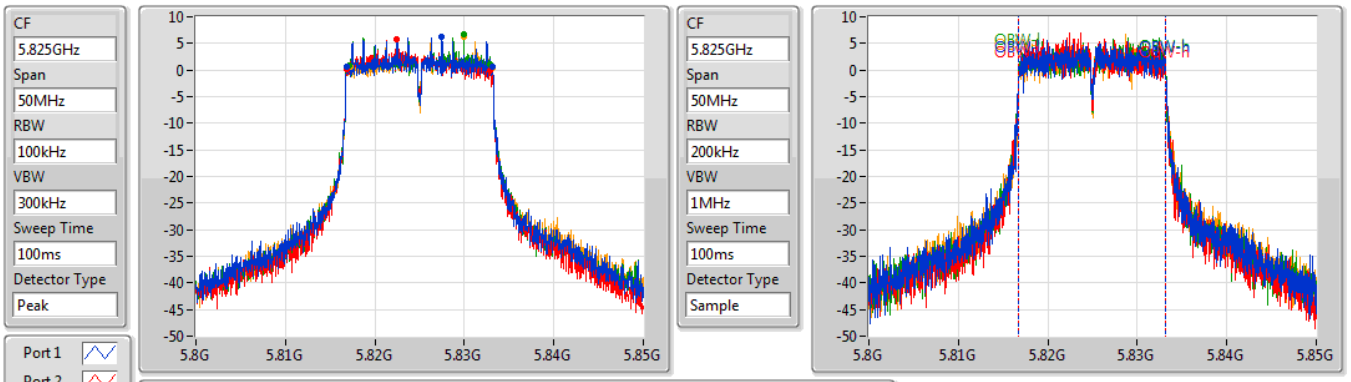


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.77685G	5.793125G	16.396M	5.776781G	5.793177G	500k	1
15.925M	5.7772G	5.793125G	16.432M	5.776763G	5.793196G	500k	2
16.025M	5.776825G	5.79285G	16.393M	5.776778G	5.793172G	500k	3
16.05M	5.77685G	5.7929G	16.436M	5.776773G	5.793209G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

17/09/2019

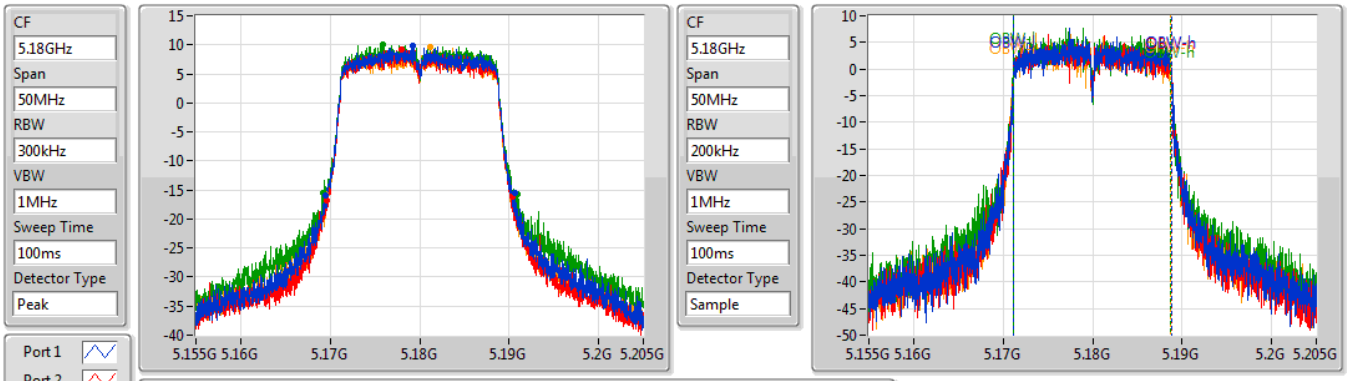


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.816825G	5.833125G	16.418M	5.816771G	5.83319G	500k	1
16.05M	5.816825G	5.832875G	16.37M	5.816782G	5.833151G	500k	2
15.75M	5.81715G	5.8329G	16.424M	5.81676G	5.833184G	500k	3
15.925M	5.81725G	5.833175G	16.461M	5.816746G	5.833208G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5180MHz

17/09/2019

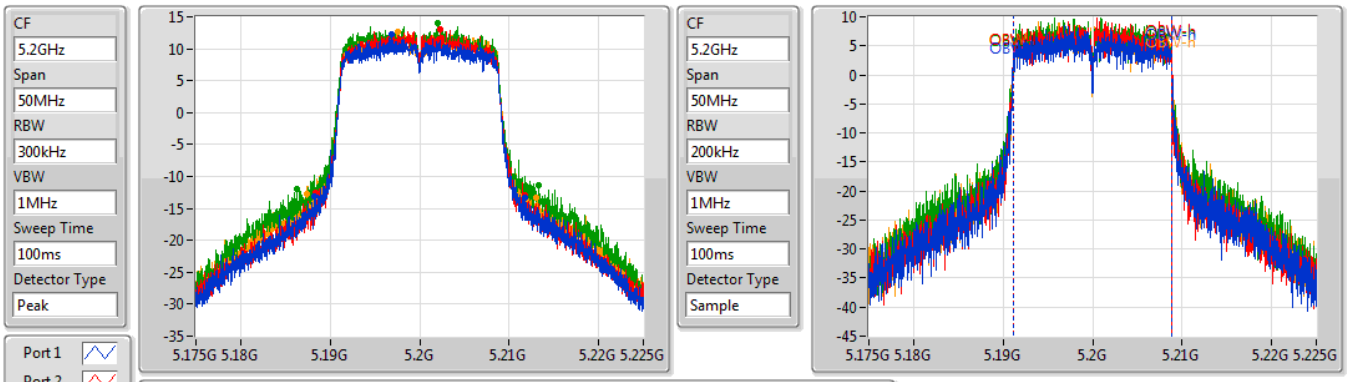


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.225M	5.169475G	5.1907G	17.612M	5.171182G	5.188794G	Inf	1
20.8M	5.169575G	5.190375G	17.619M	5.171166G	5.188786G	Inf	2
21.825M	5.16915G	5.190975G	17.598M	5.171175G	5.188773G	Inf	3
20.825M	5.169525G	5.19035G	17.618M	5.171152G	5.18877G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5200MHz

19/09/2019

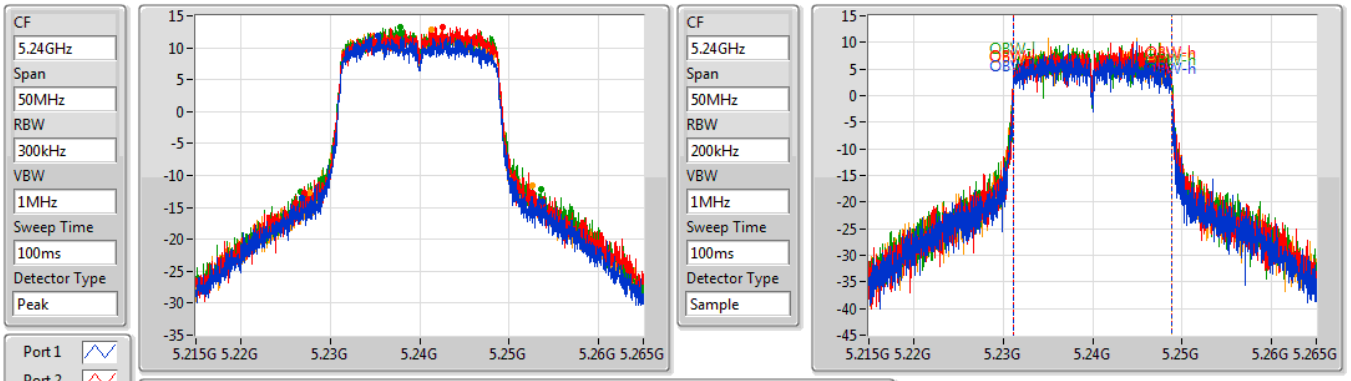


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.575M	5.188225G	5.2118G	17.691M	5.191129G	5.208821G	Inf	1
23.425M	5.18835G	5.211775G	17.641M	5.191154G	5.208796G	Inf	2
26.95M	5.186325G	5.213275G	17.691M	5.191104G	5.208796G	Inf	3
25.7M	5.187375G	5.213075G	17.716M	5.191129G	5.208846G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5240MHz

19/09/2019

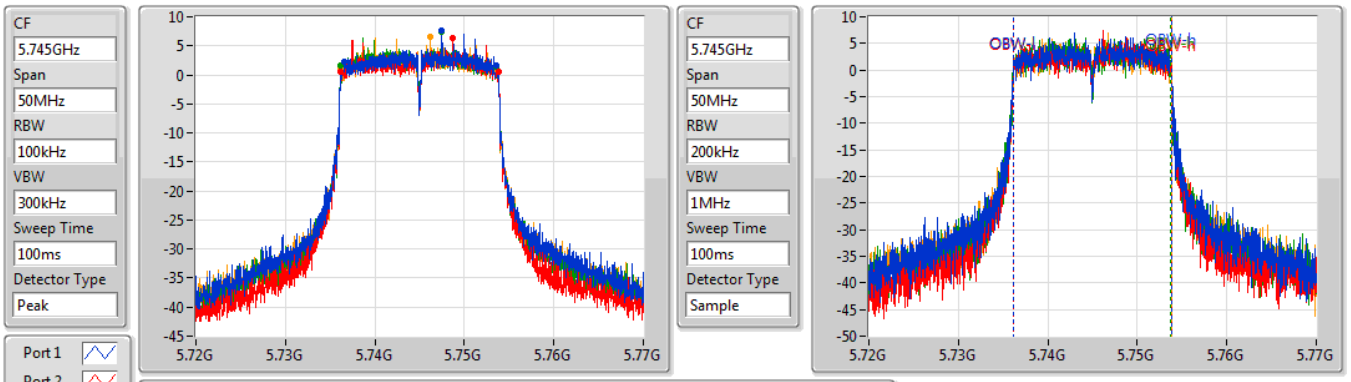


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.875M	5.226875G	5.25375G	17.666M	5.231154G	5.248821G	Inf	1
25.5M	5.22705G	5.25255G	17.666M	5.231154G	5.248821G	Inf	2
26.875M	5.22665G	5.253525G	17.691M	5.231129G	5.248821G	Inf	3
24.95M	5.227625G	5.252575G	17.691M	5.231129G	5.248821G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5745MHz

17/09/2019

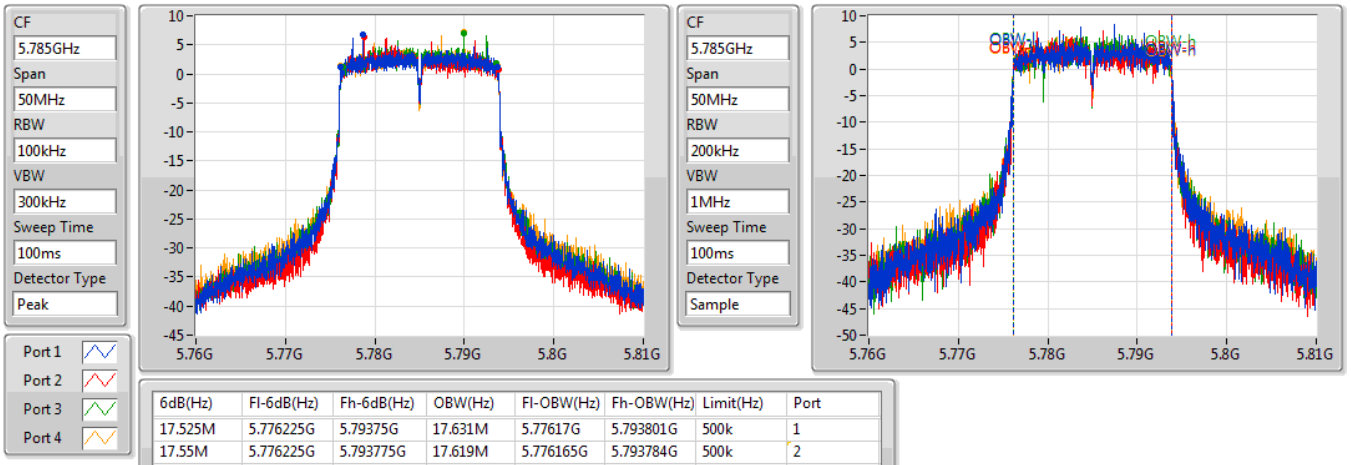


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.975M	5.736625G	5.7536G	17.63M	5.736153G	5.753783G	500k	1
17.575M	5.7362G	5.753775G	17.618M	5.73616G	5.753777G	500k	2
17.375M	5.736225G	5.7536G	17.623M	5.73615G	5.753773G	500k	3
17.525M	5.736225G	5.75375G	17.621M	5.736161G	5.753783G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5785MHz

17/09/2019

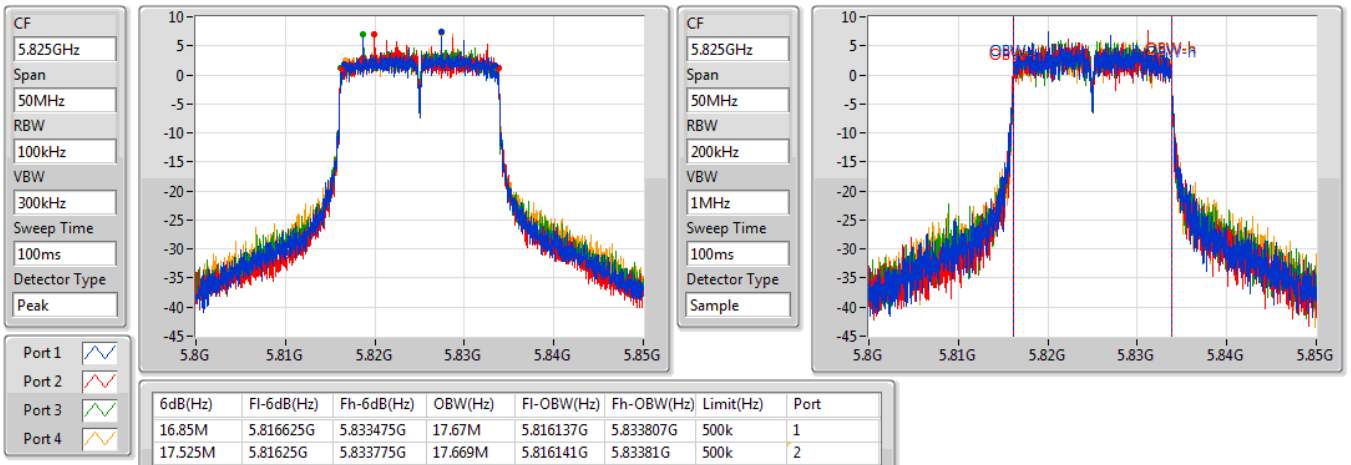


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.776225G	5.79375G	17.631M	5.77617G	5.793801G	500k	1
17.55M	5.776225G	5.793775G	17.619M	5.776165G	5.793784G	500k	2
17.125M	5.776475G	5.7936G	17.603M	5.776179G	5.793782G	500k	3
17.525M	5.776225G	5.79375G	17.651M	5.776157G	5.793808G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5825MHz

17/09/2019

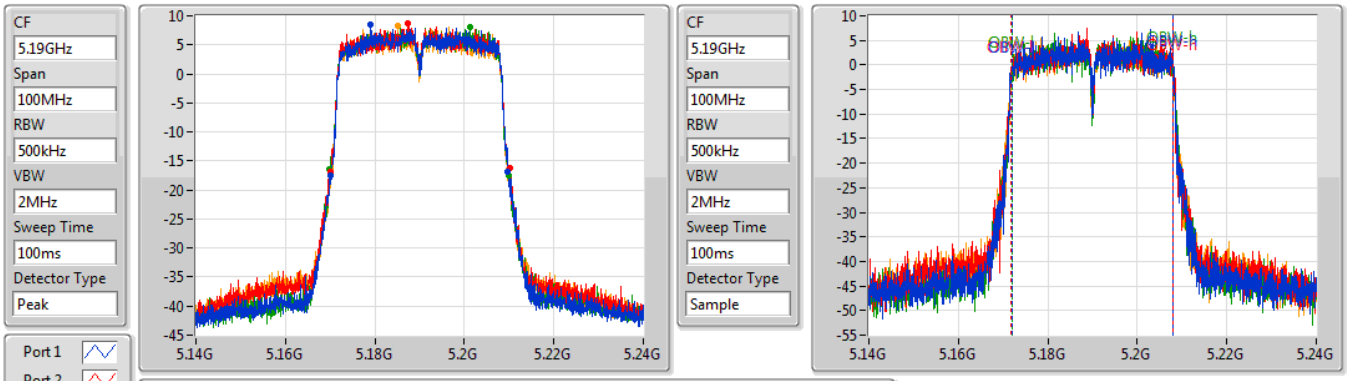


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.85M	5.816625G	5.833475G	17.67M	5.816137G	5.833807G	500k	1
17.525M	5.81625G	5.833775G	17.669M	5.816141G	5.83381G	500k	2
17.4M	5.8162G	5.8336G	17.626M	5.816167G	5.833793G	500k	3
16.975M	5.81665G	5.833625G	17.655M	5.816151G	5.833806G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5190MHz

17/09/2019

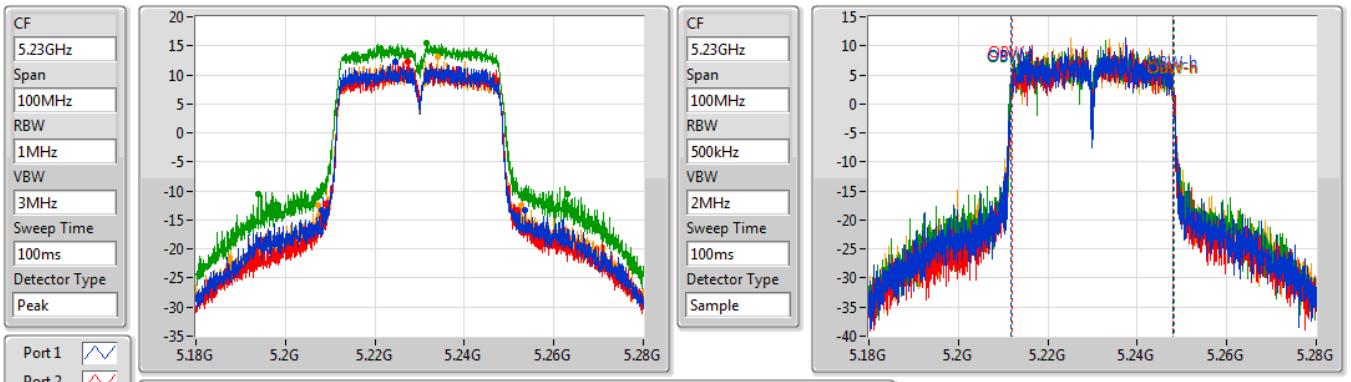


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.55M	5.1702G	5.20975G	36.135M	5.171902G	5.208037G	Inf	1
40.05M	5.17005G	5.2101G	36.166M	5.171857G	5.208023G	Inf	2
40M	5.16985G	5.20985G	36.079M	5.171925G	5.208004G	Inf	3
39.65M	5.1702G	5.20985G	36.124M	5.171908G	5.208032G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5230MHz

17/09/2019

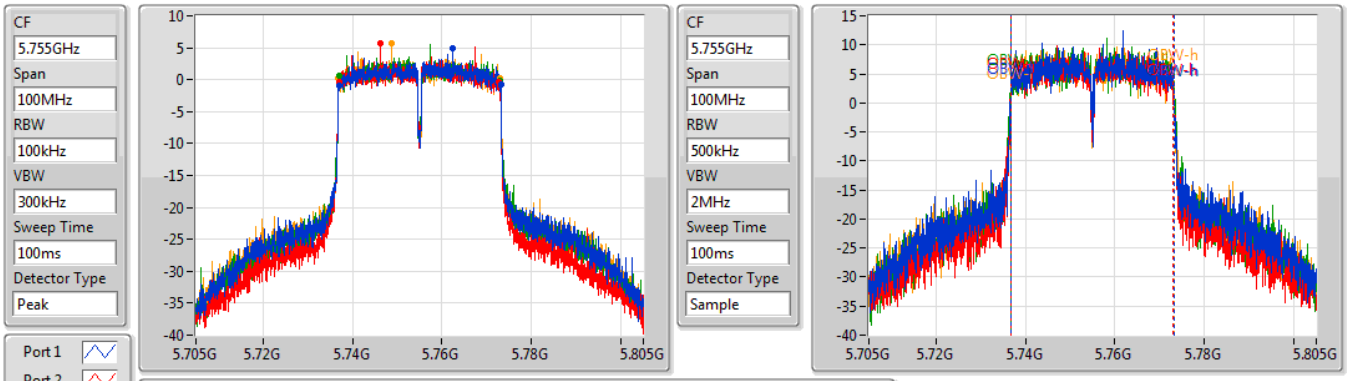


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
45.55M	5.20805G	5.2536G	36.202M	5.211875G	5.248076G	Inf	1
43.05M	5.20895G	5.252G	36.193M	5.211903G	5.248096G	Inf	2
69.2M	5.1938G	5.263G	36.382M	5.211735G	5.248117G	Inf	3
45.3M	5.2073G	5.2526G	36.263M	5.211842G	5.248105G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5755MHz

17/09/2019

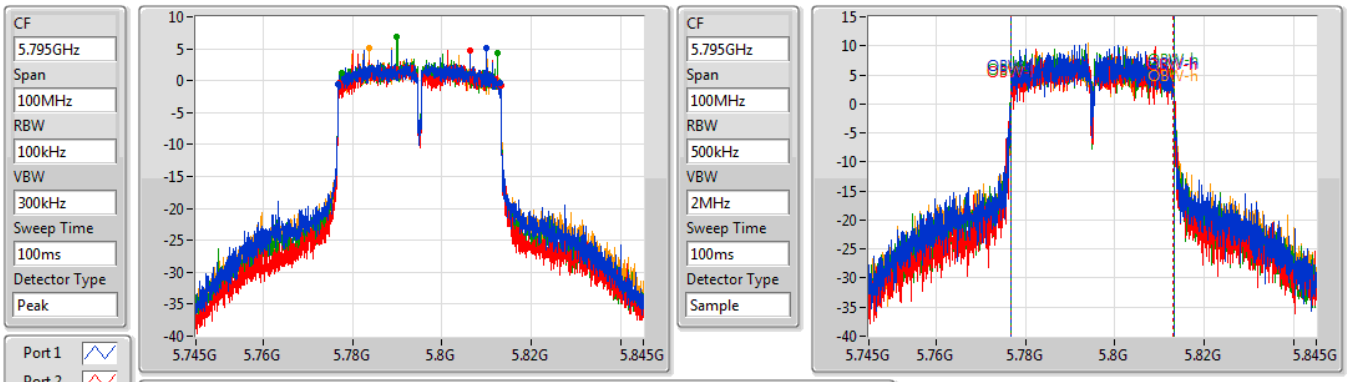


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.25M	5.73695G	5.7732G	36.335M	5.736806G	5.773142G	500k	1
35.6M	5.737G	5.7726G	36.242M	5.736797G	5.773039G	500k	2
36M	5.73705G	5.77305G	36.38M	5.736788G	5.773168G	500k	3
36.15M	5.73675G	5.7729G	36.404M	5.73675G	5.773154G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5795MHz

17/09/2019

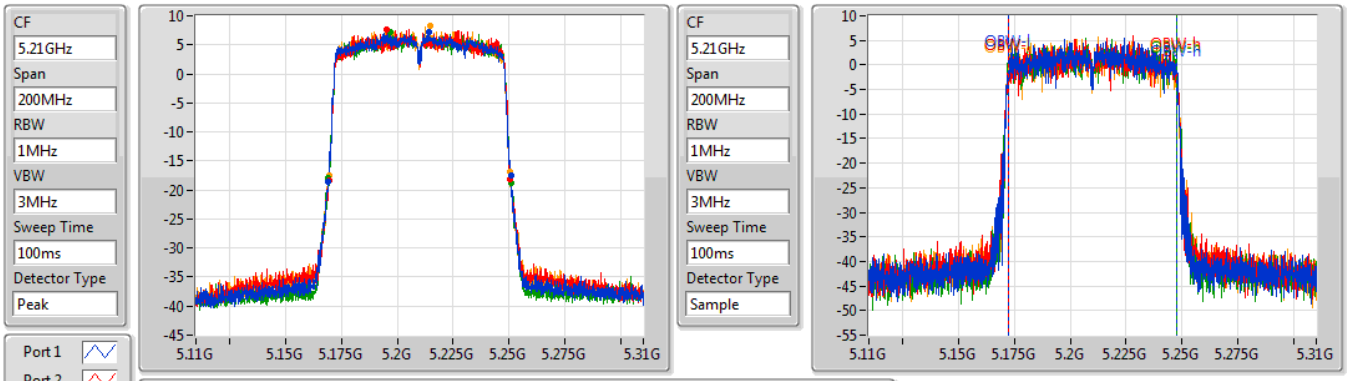


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.1M	5.7768G	5.8129G	36.375M	5.776763G	5.813138G	500k	1
36.15M	5.77705G	5.8132G	36.224M	5.77687G	5.813094G	500k	2
34.85M	5.7776G	5.81245G	36.324M	5.776785G	5.813109G	500k	3
36.45M	5.77675G	5.8132G	36.427M	5.776754G	5.813181G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5210MHz

17/09/2019

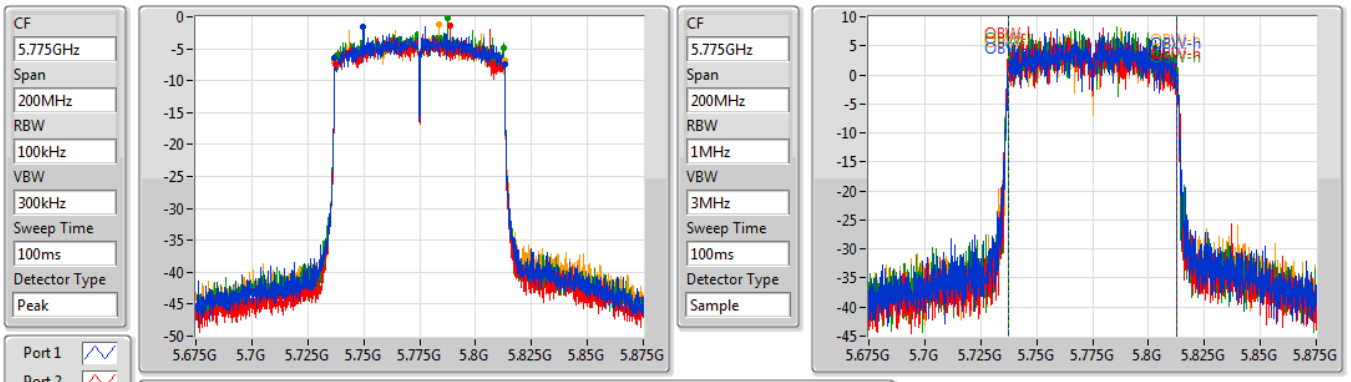


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.169G	5.2507G	75.299M	5.172278G	5.247576G	Inf	1
81.1M	5.1695G	5.2506G	75.381M	5.172218G	5.2476G	Inf	2
81.6M	5.1693G	5.2509G	75.563M	5.172175G	5.247738G	Inf	3
81.1M	5.1694G	5.2505G	75.466M	5.172132G	5.247598G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5775MHz

17/09/2019

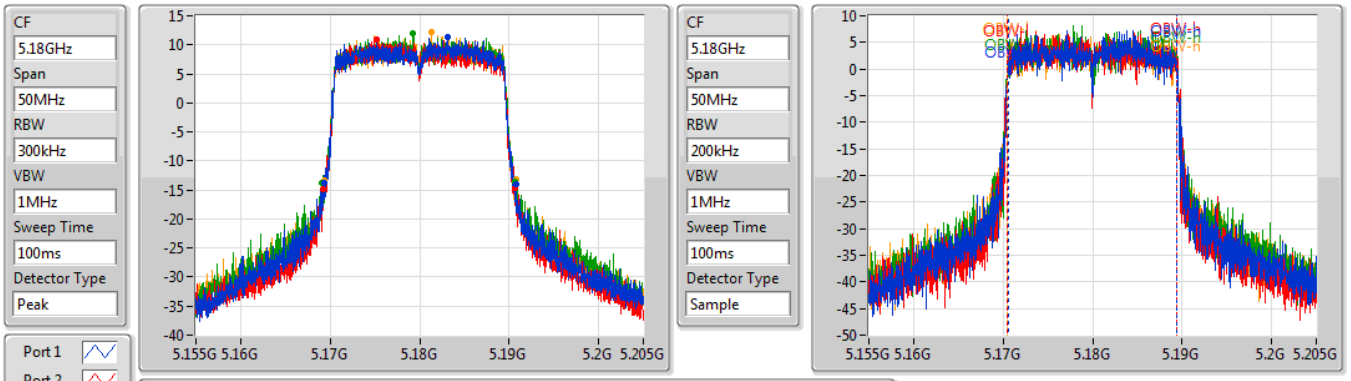


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.737G	5.8132G	75.232M	5.737367G	5.812599G	500k	1
75.5M	5.7374G	5.8129G	75.464M	5.737125G	5.812589G	500k	2
74.8M	5.7377G	5.8125G	75.436M	5.737173G	5.812609G	500k	3
76M	5.7369G	5.8129G	75.418M	5.737241G	5.812659G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

17/09/2019

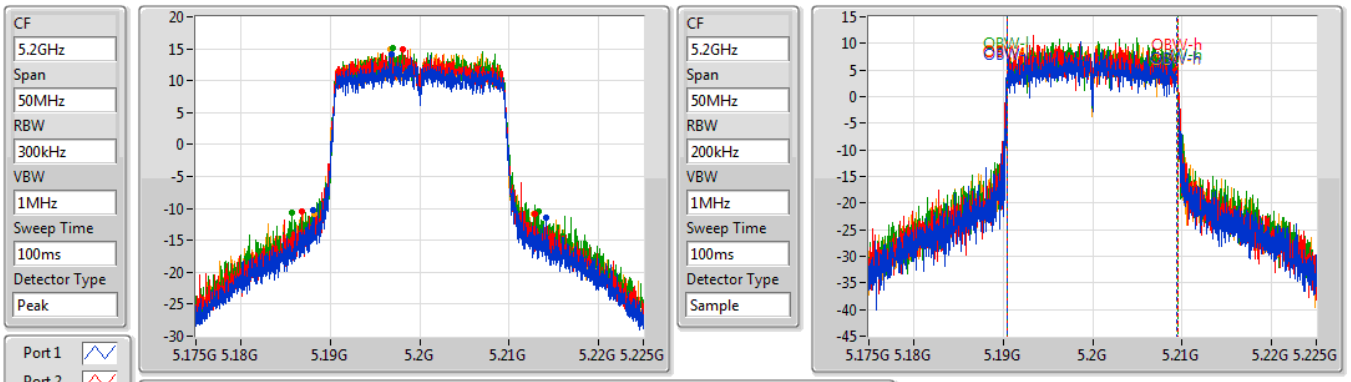


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.169325G	5.190825G	18.886M	5.170536G	5.189422G	Inf	1
21.5M	5.16915G	5.19065G	18.916M	5.170514G	5.18943G	Inf	2
21.7M	5.169G	5.1907G	18.869M	5.170554G	5.189424G	Inf	3
21.55M	5.1693G	5.19085G	18.897M	5.170521G	5.189418G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

19/09/2019



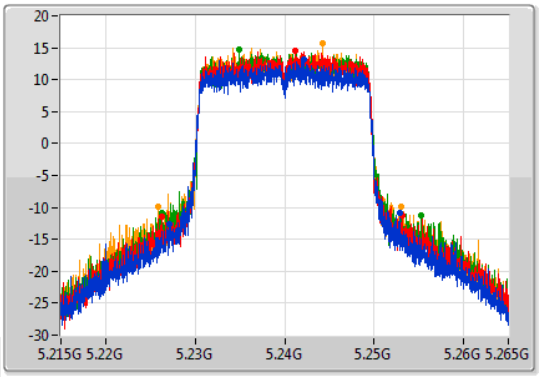
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.1M	5.1881G	5.2142G	19.015M	5.190455G	5.20947G	Inf	1
26.175M	5.186775G	5.21295G	19.015M	5.19048G	5.209495G	Inf	2
27.65M	5.185675G	5.213325G	19.015M	5.19048G	5.209495G	Inf	3
24.575M	5.1882G	5.212775G	18.966M	5.190505G	5.20947G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

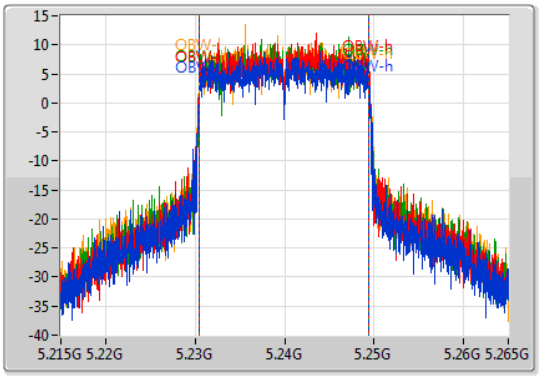
5240MHz

19/09/2019

CF 5.24GHz
Span 50MHz
RBW 300kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak



CF 5.24GHz
Span 50MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Sample



Port 1
Port 2
Port 3
Port 4

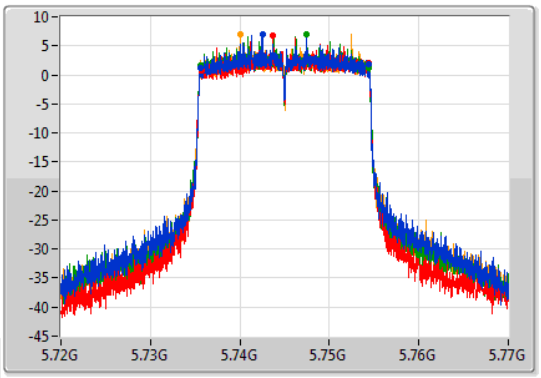
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.775M	5.22715G	5.252925G	18.991M	5.23048G	5.24947G	Inf	1
26.775M	5.226325G	5.2531G	18.966M	5.230505G	5.24947G	Inf	2
29.025M	5.226225G	5.25525G	18.966M	5.230505G	5.24947G	Inf	3
27.25M	5.2258G	5.25305G	18.966M	5.230505G	5.24947G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

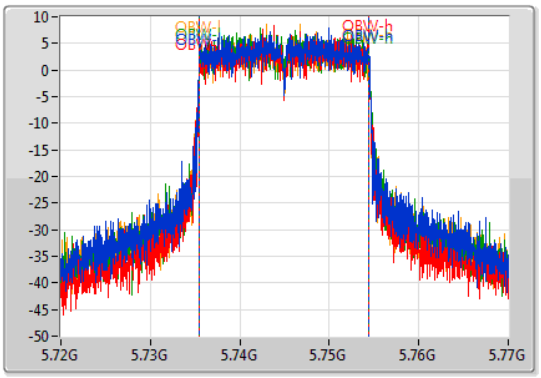
5745MHz

17/09/2019

CF 5.745GHz
Span 50MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



CF 5.745GHz
Span 50MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Sample



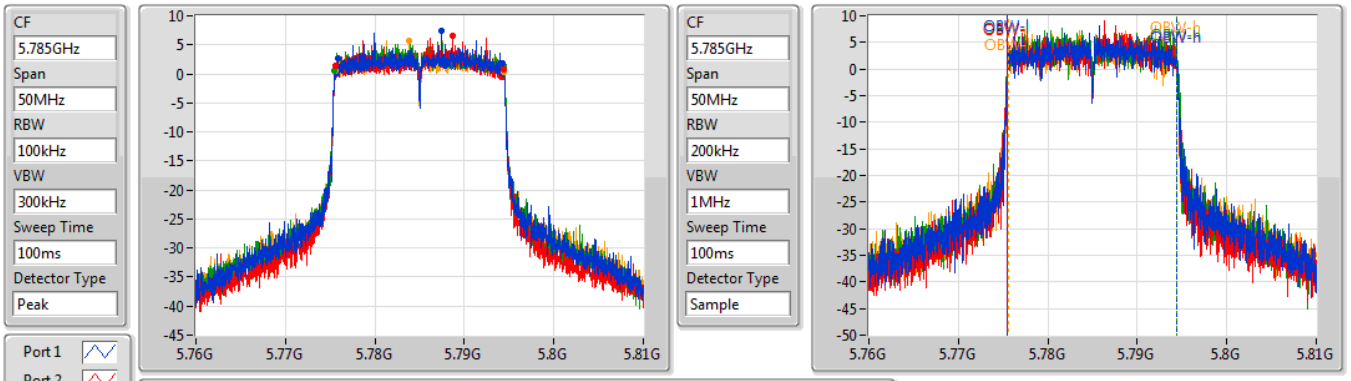
Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.73565G	5.7544G	18.932M	5.73552G	5.754452G	500k	1
18.65M	5.7357G	5.75435G	18.929M	5.735523G	5.754452G	500k	2
18.8M	5.7356G	5.7544G	18.936M	5.735506G	5.754443G	500k	3
18.75M	5.735625G	5.754375G	18.937M	5.735527G	5.754464G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

17/09/2019

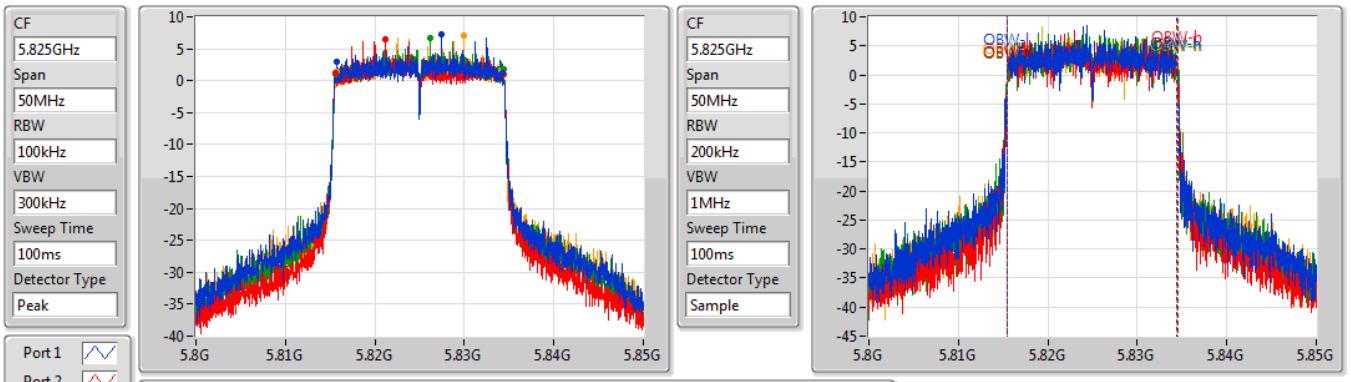


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.375M	5.775825G	5.7942G	18.937M	5.7755G	5.794438G	500k	1
18.725M	5.775625G	5.79435G	18.903M	5.775512G	5.794416G	500k	2
18.875M	5.775525G	5.7944G	18.939M	5.775508G	5.794448G	500k	3
18.85M	5.775575G	5.794425G	18.892M	5.775535G	5.794427G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

17/09/2019

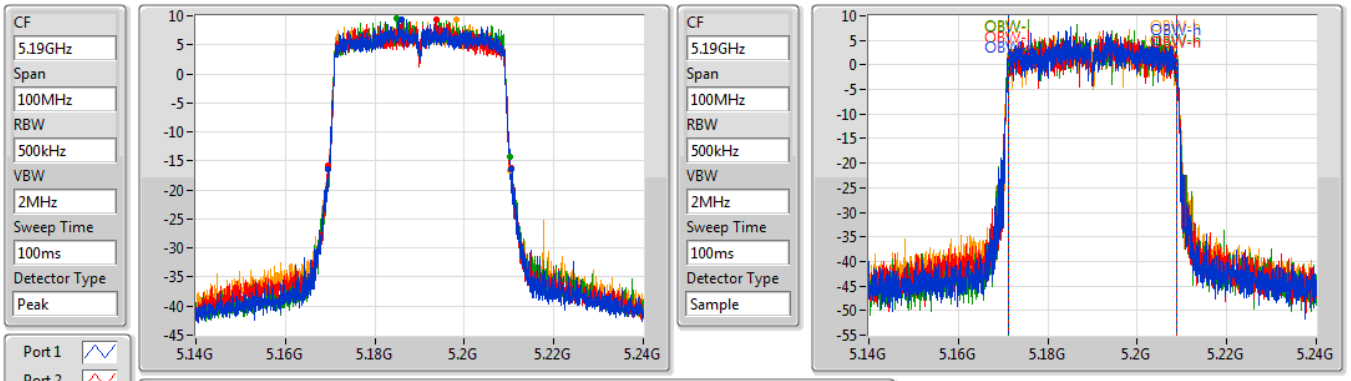


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.575M	5.815725G	5.8343G	18.955M	5.815481G	5.834436G	500k	1
18.85M	5.81555G	5.8344G	18.993M	5.815512G	5.834505G	500k	2
18.825M	5.815575G	5.8344G	18.967M	5.815512G	5.834479G	500k	3
18.475M	5.8157G	5.834175G	18.969M	5.815494G	5.834464G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

17/09/2019

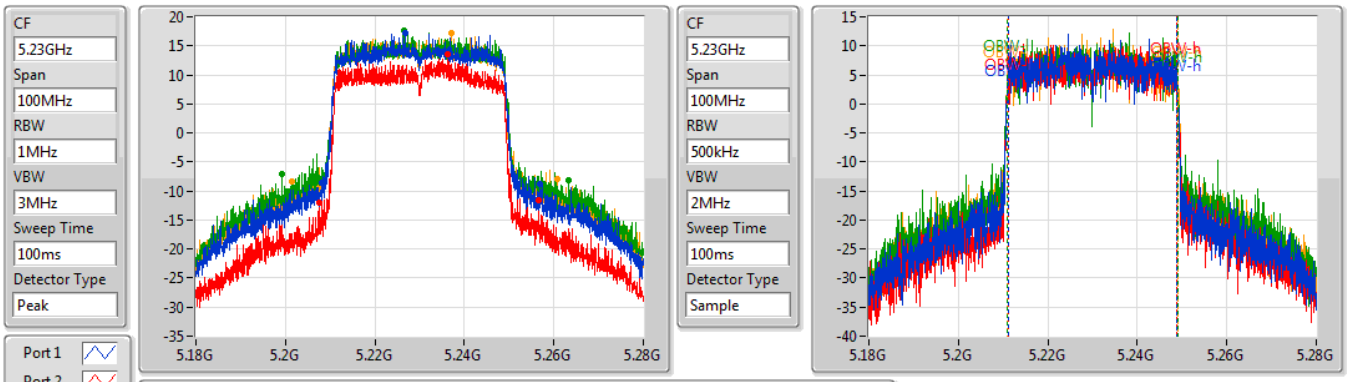


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.16965G	5.21045G	37.681M	5.171127G	5.208808G	Inf	1
40.95M	5.16945G	5.2104G	37.656M	5.171109G	5.208765G	Inf	2
40.7M	5.16955G	5.21025G	37.674M	5.171191G	5.208865G	Inf	3
40.65M	5.16965G	5.2103G	37.732M	5.17108G	5.208812G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

17/09/2019

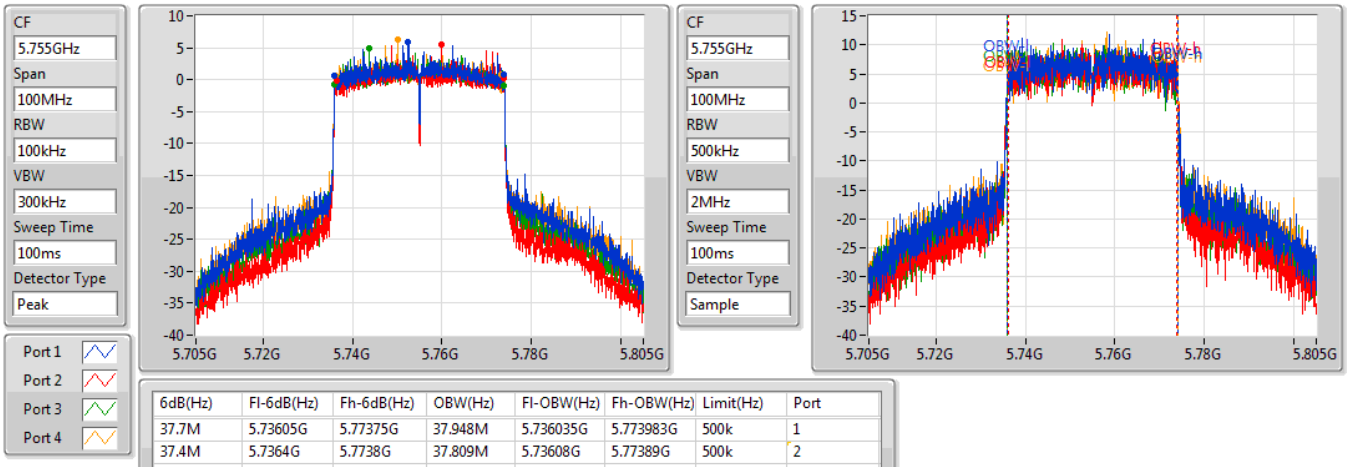


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.8M	5.20815G	5.25695G	37.821M	5.211076G	5.248897G	Inf	1
49.1M	5.2075G	5.2566G	37.785M	5.211083G	5.248868G	Inf	2
64.2M	5.1992G	5.2634G	37.947M	5.211041G	5.248988G	Inf	3
59.3M	5.2014G	5.2607G	37.952M	5.211004G	5.248956G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

17/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.7M	5.73605G	5.77375G	37.948M	5.736035G	5.773983G	500k	1
37.4M	5.7364G	5.7738G	37.809M	5.73608G	5.77389G	500k	2
37.95M	5.73595G	5.7739G	37.937M	5.736018G	5.773955G	500k	3
37.1M	5.7361G	5.7732G	38.075M	5.735924G	5.773999G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

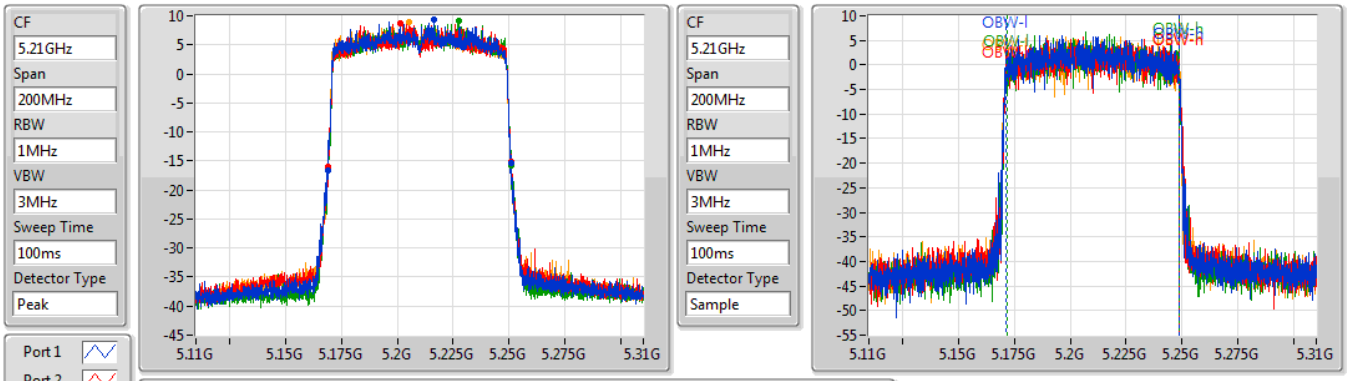
17/09/2019

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.85M	5.776G	5.81385G	38.074M	5.775871G	5.813945G	500k	1
37.2M	5.77625G	5.81345G	37.808M	5.776053G	5.81386G	500k	2
37.85M	5.77605G	5.8139G	37.946M	5.775972G	5.813917G	500k	3
37.7M	5.77615G	5.81385G	38.08M	5.77593G	5.81401G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

17/09/2019

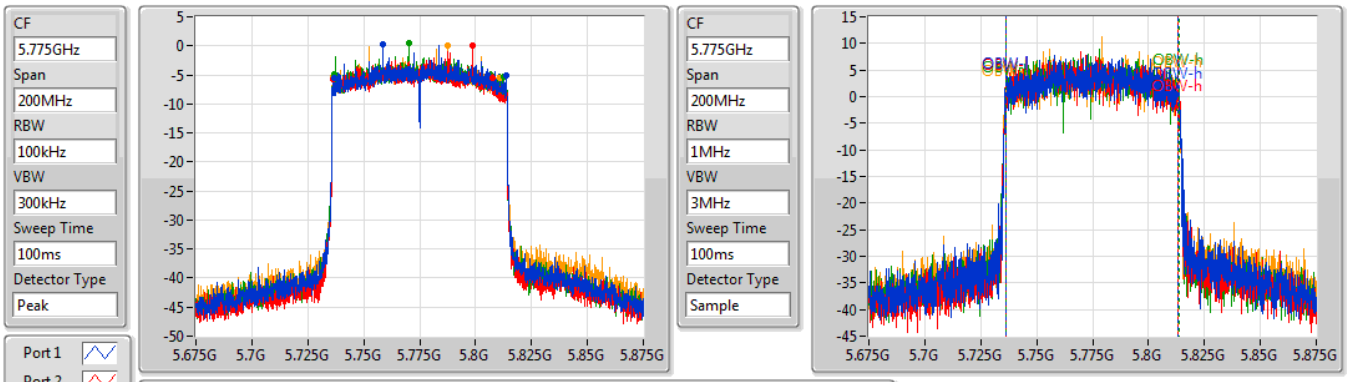


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.169G	5.251G	77.129M	5.171402G	5.248532G	Inf	1
82.2M	5.169G	5.2512G	77.198M	5.171443G	5.248641G	Inf	2
82.1M	5.169G	5.2511G	76.9M	5.17167G	5.24857G	Inf	3
81.9M	5.1689G	5.2508G	77.277M	5.171277G	5.248553G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

17/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.9M	5.7366G	5.8135G	77.186M	5.736172G	5.813358G	500k	1
71.1M	5.7365G	5.8076G	77.079M	5.736253G	5.813333G	500k	2
75.6M	5.7368G	5.8124G	77.087M	5.736436G	5.813523G	500k	3
75M	5.7361G	5.8111G	76.968M	5.736411G	5.813379G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.2M	16.392M	16M4D1D	18.825M	16.342M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.95M	17.641M	17M6D1D	20.3M	17.566M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.35M	36.172M	36M2D1D	39.65M	36.071M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.3M	75.678M	75M7D1D	81.1M	75.294M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.5M	18.941M	18M9D1D	20.9M	18.841M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.4M	77.142M	77M1D1D	82.2M	77.011M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.275M	16.417M	16M4D1D	14.46M	13.148M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.85M	17.616M	17M6D1D	15.105M	13.763M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.25M	36.162M	36M2D1D	34.86M	32.901M
802.11ac VHT80_Nss1,(MCS0)_4TX	82.2M	75.592M	75M6D1D	75.6M	72.185M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.6M	18.941M	18M9D1D	15.45M	14.423M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.05M	37.802M	37M8D1D	35.42M	33.683M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.4M	77.076M	77M1D1D	75.9M	73.038M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.16M	3.438M	3M44D1D	3.14M	3.358M
802.11ac VHT20_Nss1,(MCS0)_4TX	3.88M	4.018M	4M02D1D	3.76M	3.898M
802.11ac VHT40_Nss1,(MCS0)_4TX	3.2M	3.535M	3M54D1D	3.18M	3.482M
802.11ac VHT80_Nss1,(MCS0)_4TX	3.22M	4.447M	4M45D1D	3.16M	3.806M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.54M	4.538M	4M54D1D	4.34M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	4.08M	4.136M	4M14D1D	4.02M	4.068M
802.11ax HEW80_Nss1,(MCS0)_4TX	4.1M	4.242M	4M24D1D	4.02M	4.131M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	18.975M	16.367M	18.875M	16.367M	19.075M	16.392M	19.15M	16.392M
5300MHz	Pass	Inf	19.2M	16.392M	18.925M	16.392M	19.05M	16.392M	19.025M	16.367M
5320MHz	Pass	Inf	18.9M	16.367M	18.825M	16.367M	19.075M	16.342M	19.125M	16.367M
5500MHz	Pass	Inf	18.95M	16.342M	19M	16.342M	19.225M	16.392M	19.15M	16.367M
5580MHz	Pass	Inf	18.925M	16.367M	18.975M	16.392M	19.275M	16.417M	19.05M	16.392M
5700MHz	Pass	Inf	18.975M	16.342M	19.025M	16.417M	19.025M	16.392M	19.025M	16.392M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	14.655M	13.163M	14.46M	13.148M	14.565M	13.163M	14.685M	13.148M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	3.438M	3.14M	3.358M	3.14M	3.398M	3.14M	3.358M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.4M	17.616M	20.75M	17.566M	20.95M	17.591M	20.8M	17.616M
5300MHz	Pass	Inf	20.625M	17.641M	20.6M	17.616M	20.75M	17.591M	20.425M	17.616M
5320MHz	Pass	Inf	20.475M	17.591M	20.425M	17.591M	20.3M	17.616M	20.825M	17.591M
5500MHz	Pass	Inf	20.85M	17.616M	20.65M	17.591M	20.4M	17.616M	20.55M	17.616M
5580MHz	Pass	Inf	20.825M	17.616M	20.7M	17.591M	20.625M	17.616M	20.425M	17.591M
5700MHz	Pass	Inf	20.475M	17.616M	20.725M	17.616M	20.475M	17.616M	20.85M	17.591M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.135M	13.793M	15.12M	13.763M	15.105M	13.778M	15.18M	13.793M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.018M	3.88M	3.958M	3.88M	3.898M	3.76M	3.938M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.15M	36.167M	40.2M	36.156M	39.65M	36.164M	40.05M	36.172M
5310MHz	Pass	Inf	39.75M	36.15M	40.35M	36.126M	39.8M	36.071M	40M	36.139M
5510MHz	Pass	Inf	39.8M	36.117M	39.75M	36.055M	39.9M	36.062M	39.4M	36.162M
5550MHz	Pass	Inf	39.9M	36.111M	39.9M	36.127M	39.85M	36.141M	39.65M	36.09M
5670MHz	Pass	Inf	39.9M	36.113M	39.75M	36.107M	39.75M	36.129M	40.25M	36.063M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.93M	32.983M	34.86M	32.901M	34.965M	32.908M	34.93M	32.924M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	3.5M	3.18M	3.535M	3.2M	3.482M	3.18M	3.522M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.3M	75.294M	81.2M	75.424M	81.2M	75.678M	81.1M	75.435M
5530MHz	Pass	Inf	81.8M	75.571M	81.4M	75.435M	81.4M	75.304M	81.1M	75.592M
5610MHz	Pass	Inf	82.2M	75.414M	81.3M	75.429M	81.8M	75.534M	81M	75.372M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.05M	72.329M	76.05M	72.185M	75.825M	72.411M	75.6M	72.423M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.18M	3.806M	3.22M	3.859M	3.16M	3.967M	3.2M	4.447M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.5M	18.916M	21.175M	18.841M	21.05M	18.891M	21.45M	18.916M
5300MHz	Pass	Inf	21.35M	18.916M	20.95M	18.866M	21.1M	18.916M	21.4M	18.941M
5320MHz	Pass	Inf	21.375M	18.866M	20.9M	18.916M	21.2M	18.916M	21.225M	18.891M
5500MHz	Pass	Inf	21.6M	18.866M	21.2M	18.941M	21.325M	18.891M	21.175M	18.841M
5580MHz	Pass	Inf	21.6M	18.941M	21.375M	18.891M	21.2M	18.916M	21.175M	18.891M
5700MHz	Pass	Inf	21.05M	18.891M	21.225M	18.916M	21.3M	18.891M	21.175M	18.916M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.45M	14.423M	15.51M	14.438M	15.51M	14.423M	15.705M	14.423M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.538M	4.54M	4.518M	4.46M	4.538M	4.34M	4.518M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5510MHz	Pass	Inf	40.9M	37.736M	40.4M	37.551M	40.55M	37.626M	40.85M	37.688M
5550MHz	Pass	Inf	40.75M	37.802M	40.85M	37.753M	40.55M	37.7M	40.5M	37.752M

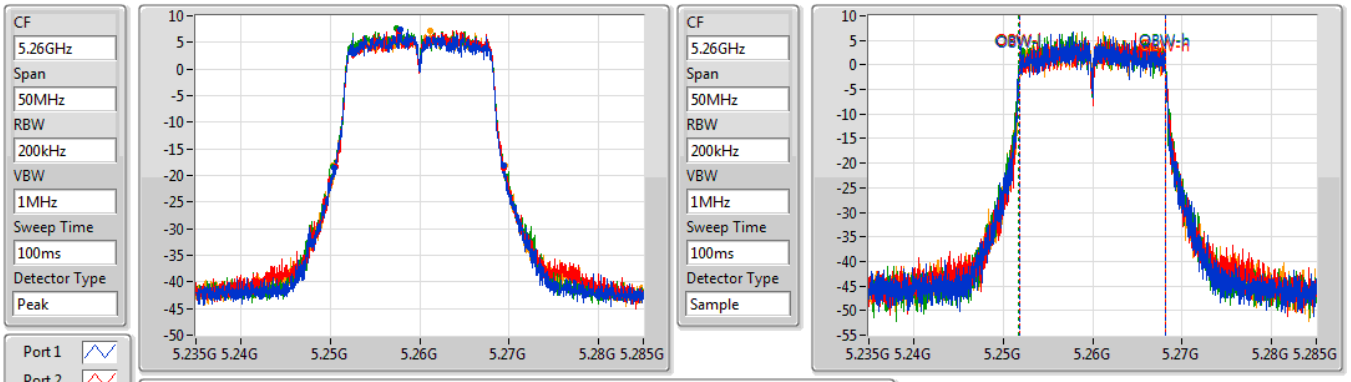
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5670MHz	Pass	Inf	40.8M	37.752M	40.4M	37.683M	40.8M	37.668M	41.05M	37.686M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.665M	33.699M	35.42M	33.755M	35.56M	33.683M	35.455M	33.773M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.072M	4.04M	4.136M	4.04M	4.126M	4.08M	4.068M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	77.073M	82.2M	77.041M	82.4M	77.142M	82.2M	77.011M
5530MHz	Pass	Inf	82.2M	76.981M	82.3M	77.06M	82.4M	77.028M	82M	77.067M
5610MHz	Pass	Inf	82.4M	76.748M	82.3M	76.841M	82.2M	76.852M	81.6M	77.076M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.5M	73.041M	76.2M	73.1M	75.975M	73.038M	75.9M	73.079M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.1M	4.17M	4.08M	4.131M	4.08M	4.177M	4.02M	4.242M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

18/09/2019

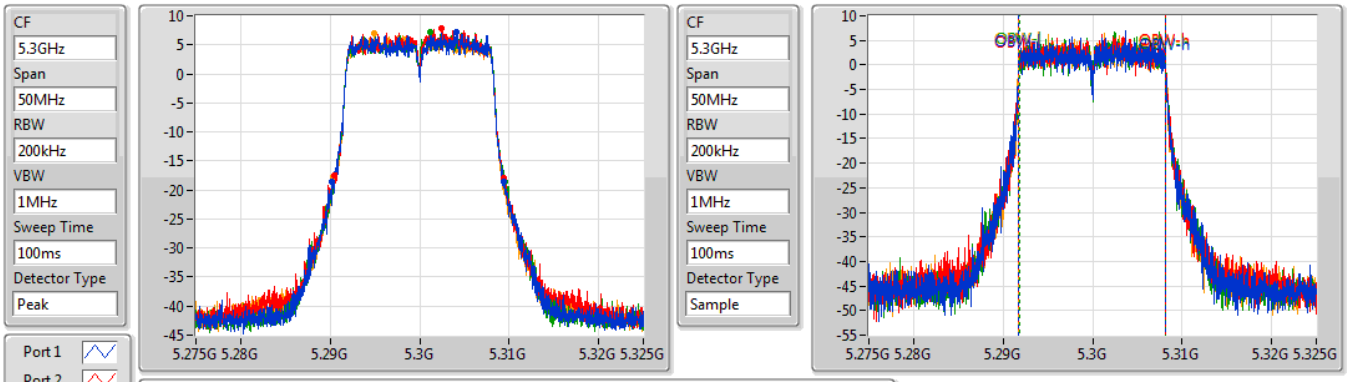


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.25045G	5.269425G	16.367M	5.251804G	5.268171G	Inf	1
18.875M	5.25055G	5.269425G	16.367M	5.251829G	5.268196G	Inf	2
19.075M	5.250375G	5.26945G	16.392M	5.251779G	5.268171G	Inf	3
19.15M	5.25035G	5.2695G	16.392M	5.251804G	5.268196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

18/09/2019

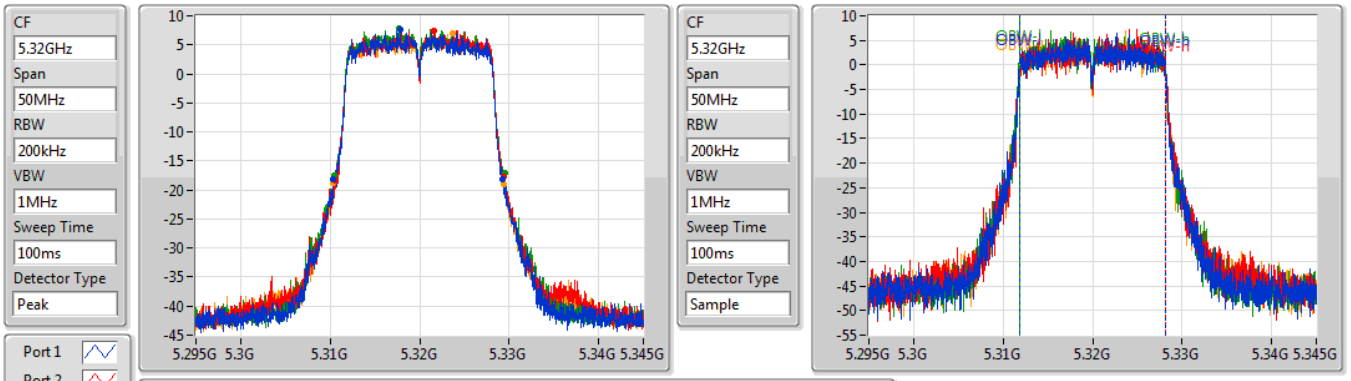


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.2M	5.29025G	5.30945G	16.392M	5.291779G	5.308171G	Inf	1
18.925M	5.290475G	5.3094G	16.392M	5.291779G	5.308171G	Inf	2
19.05M	5.29045G	5.3095G	16.392M	5.291804G	5.308196G	Inf	3
19.025M	5.29035G	5.309375G	16.367M	5.291779G	5.308146G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

18/09/2019

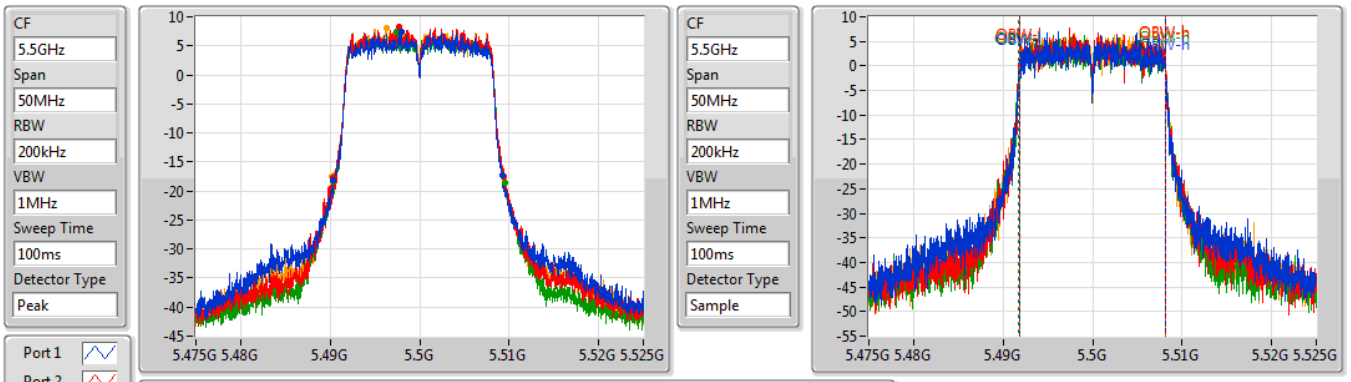


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.310375G	5.329275G	16.367M	5.311804G	5.328171G	Inf	1
18.825M	5.31055G	5.329375G	16.367M	5.311829G	5.328196G	Inf	2
19.075M	5.310425G	5.3295G	16.342M	5.311804G	5.328146G	Inf	3
19.125M	5.310325G	5.32945G	16.367M	5.311804G	5.328171G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

18/09/2019

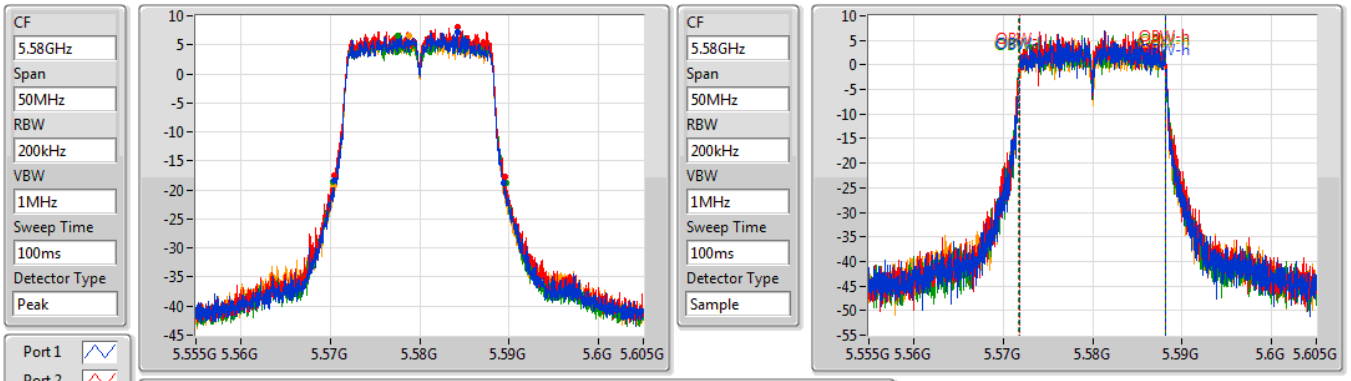


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	5.49035G	5.5093G	16.342M	5.491804G	5.508146G	Inf	1
19M	5.490375G	5.509375G	16.342M	5.491804G	5.508146G	Inf	2
19.225M	5.49035G	5.509575G	16.392M	5.491779G	5.508171G	Inf	3
19.15M	5.490225G	5.509375G	16.367M	5.491804G	5.508171G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

18/09/2019

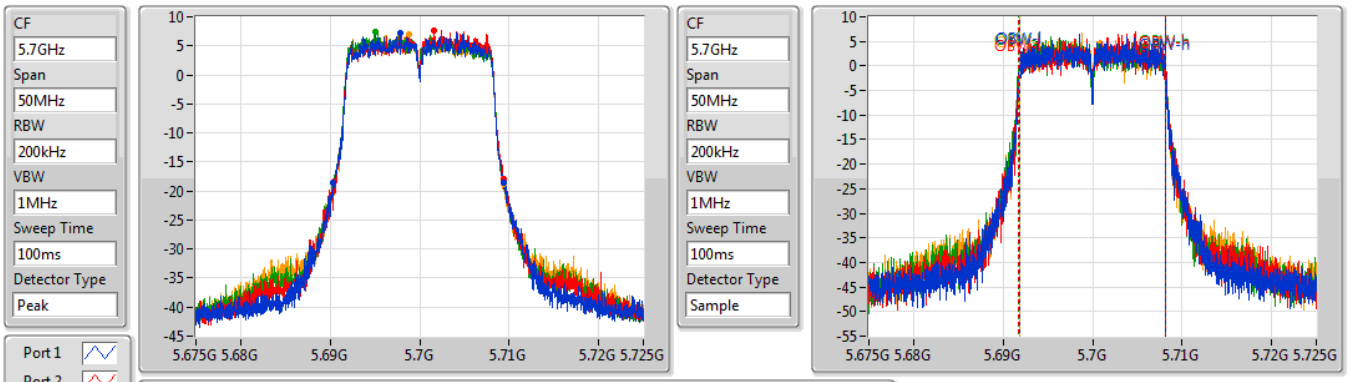


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.925M	5.570425G	5.58935G	16.367M	5.571829G	5.588196G	Inf	1
18.975M	5.5705G	5.589475G	16.392M	5.571804G	5.588196G	Inf	2
19.275M	5.57035G	5.589625G	16.417M	5.571779G	5.588196G	Inf	3
19.05M	5.57035G	5.5894G	16.392M	5.571779G	5.588171G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

18/09/2019

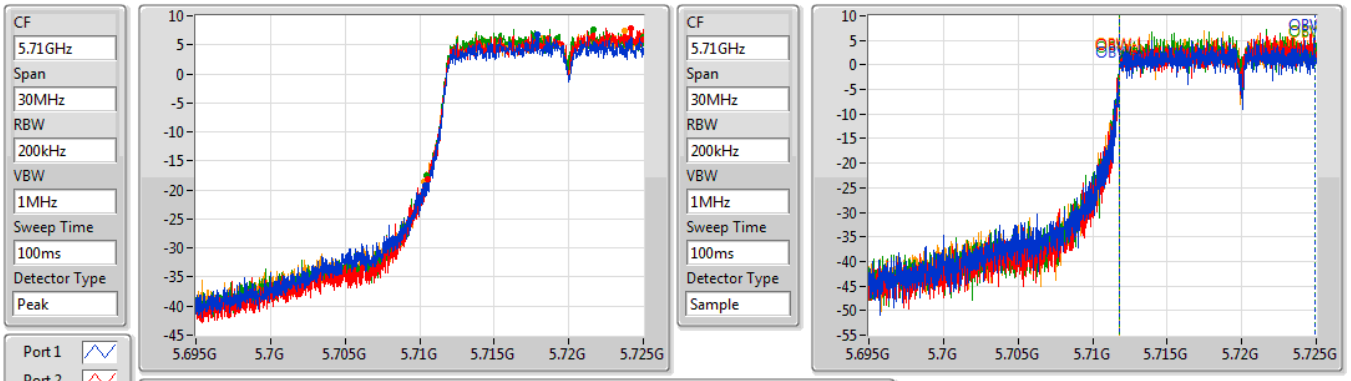


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.975M	5.690375G	5.70935G	16.342M	5.691829G	5.708171G	Inf	1
19.025M	5.690425G	5.70945G	16.417M	5.691779G	5.708196G	Inf	2
19.025M	5.690425G	5.70945G	16.392M	5.691779G	5.708171G	Inf	3
19.025M	5.690375G	5.7094G	16.392M	5.691804G	5.708196G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

18/09/2019

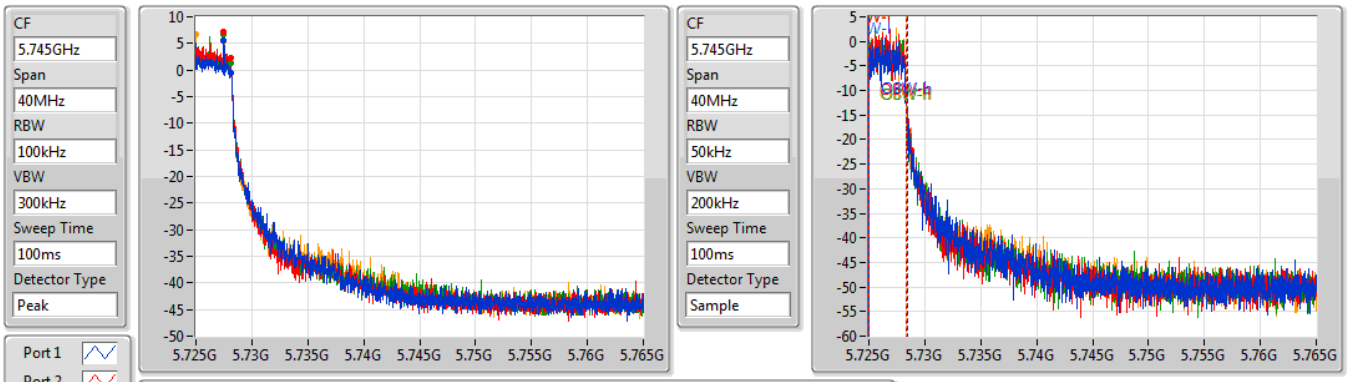


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
14.655M	5.710345G	5.725G	13.163M	5.711769G	5.724933G	Inf	1
14.46M	5.71054G	5.725G	13.148M	5.711784G	5.724933G	Inf	2
14.565M	5.710435G	5.725G	13.163M	5.711769G	5.724933G	Inf	3
14.685M	5.710315G	5.725G	13.148M	5.711769G	5.724918G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

18/09/2019

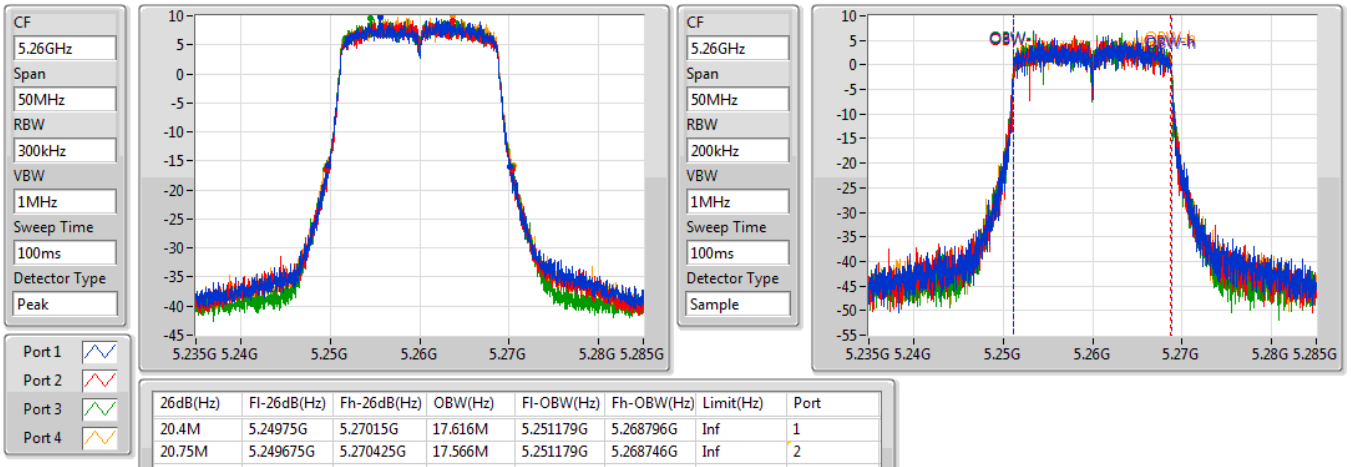


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.16M	5.725G	5.72816G	3.438M	5.72501G	5.728448G	500k	1
3.14M	5.725G	5.72814G	3.358M	5.72501G	5.728368G	500k	2
3.14M	5.725G	5.72814G	3.398M	5.72501G	5.728408G	500k	3
3.14M	5.725G	5.72814G	3.358M	5.72501G	5.728368G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

18/09/2019

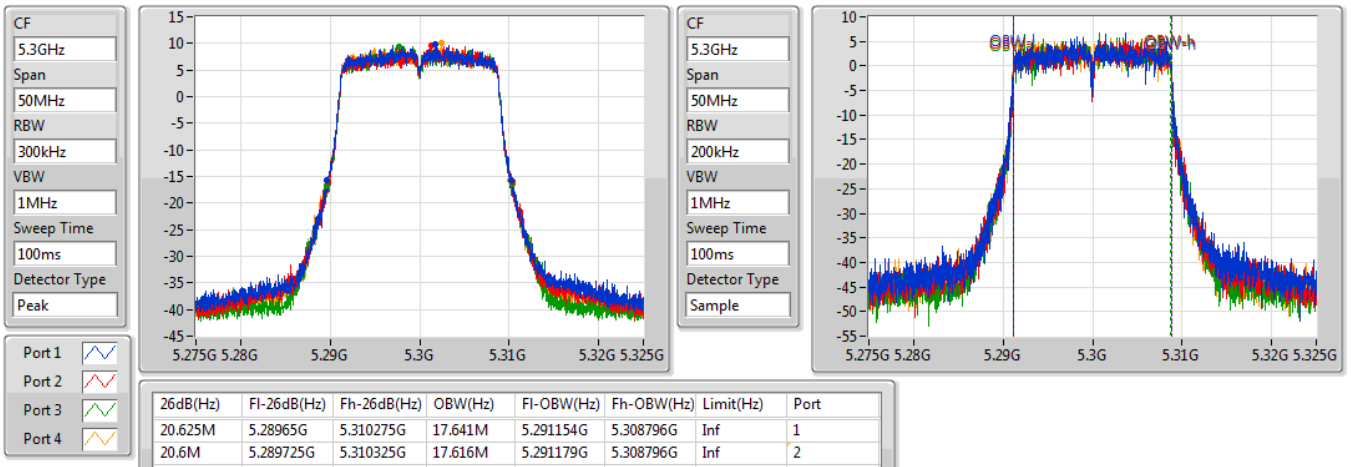


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.24975G	5.27015G	17.616M	5.251179G	5.268796G	Inf	1
20.75M	5.249675G	5.270425G	17.566M	5.251179G	5.268746G	Inf	2
20.95M	5.24945G	5.2704G	17.591M	5.251179G	5.268771G	Inf	3
20.8M	5.249675G	5.270475G	17.616M	5.251179G	5.268796G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

18/09/2019

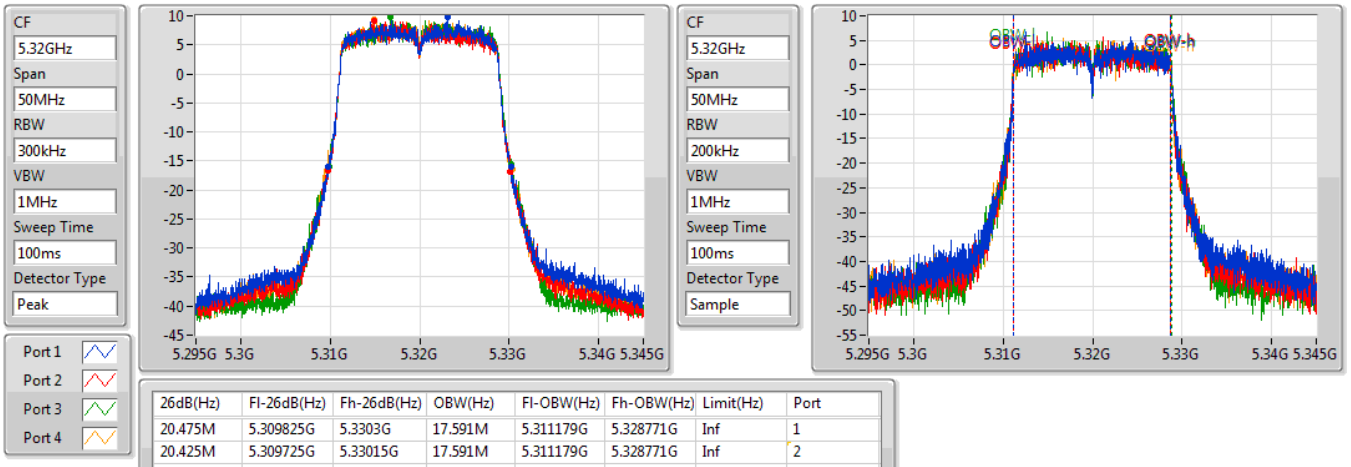


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.625M	5.28965G	5.310275G	17.641M	5.291154G	5.308796G	Inf	1
20.6M	5.289725G	5.310325G	17.616M	5.291179G	5.308796G	Inf	2
20.75M	5.289675G	5.310425G	17.591M	5.291179G	5.308771G	Inf	3
20.425M	5.289725G	5.31015G	17.616M	5.291179G	5.308796G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

18/09/2019

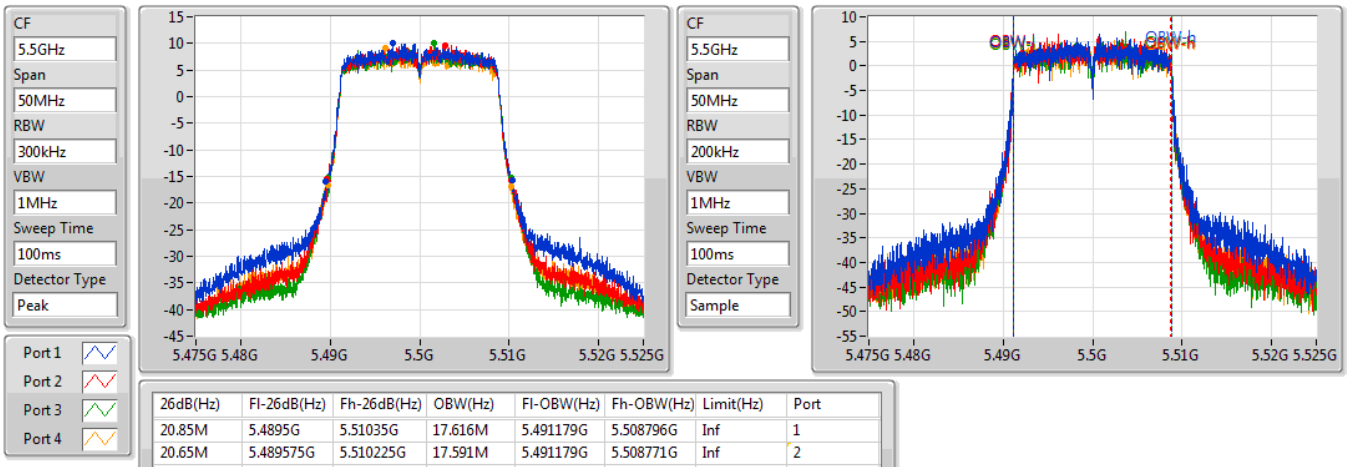


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.475M	5.309825G	5.3303G	17.591M	5.311179G	5.328771G	Inf	1
20.425M	5.309725G	5.33015G	17.591M	5.311179G	5.328771G	Inf	2
20.3M	5.309925G	5.330225G	17.616M	5.311179G	5.328796G	Inf	3
20.825M	5.3096G	5.330425G	17.591M	5.311179G	5.328771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

18/09/2019

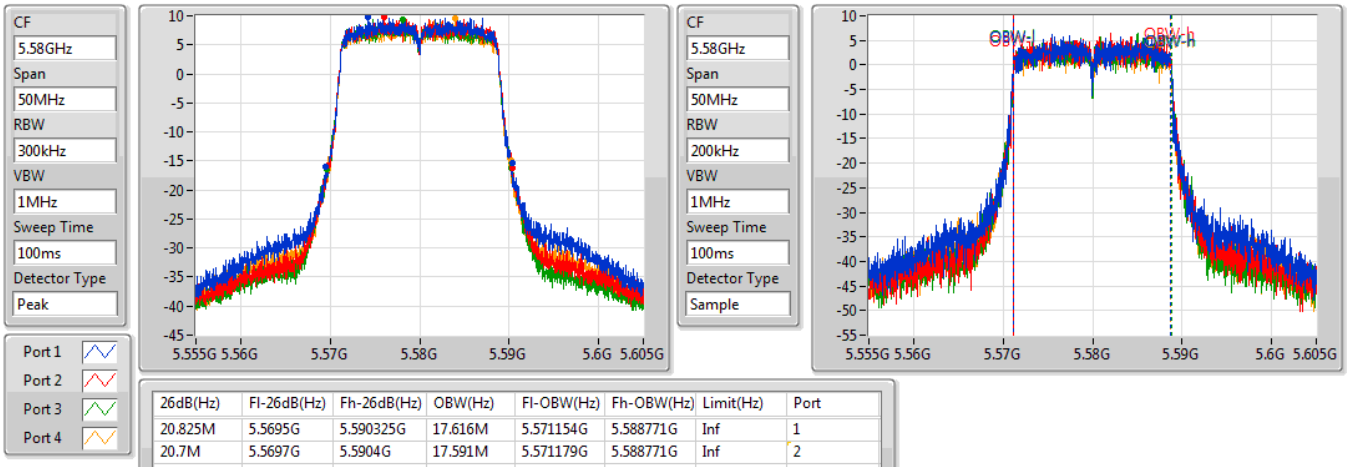


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.4895G	5.51035G	17.616M	5.491179G	5.508796G	Inf	1
20.65M	5.489575G	5.510225G	17.591M	5.491179G	5.508771G	Inf	2
20.4M	5.489825G	5.510225G	17.616M	5.491179G	5.508796G	Inf	3
20.55M	5.489725G	5.510275G	17.616M	5.491179G	5.508796G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

18/09/2019

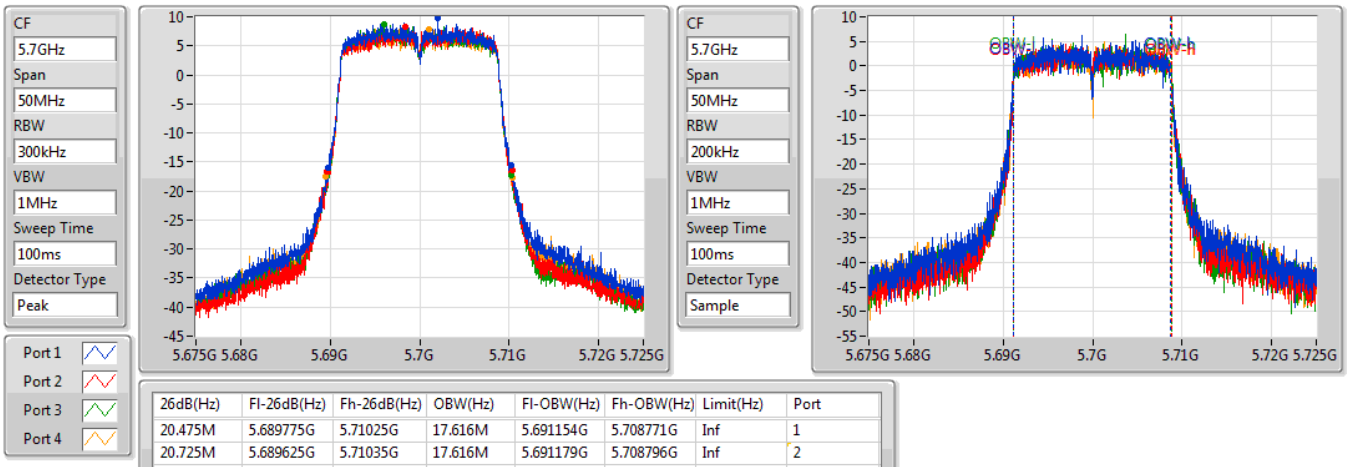


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.825M	5.5695G	5.590325G	17.616M	5.571154G	5.588771G	Inf	1
20.7M	5.5697G	5.5904G	17.591M	5.571179G	5.588771G	Inf	2
20.625M	5.569625G	5.59025G	17.616M	5.571179G	5.588796G	Inf	3
20.425M	5.56975G	5.590175G	17.591M	5.571179G	5.588771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

18/09/2019

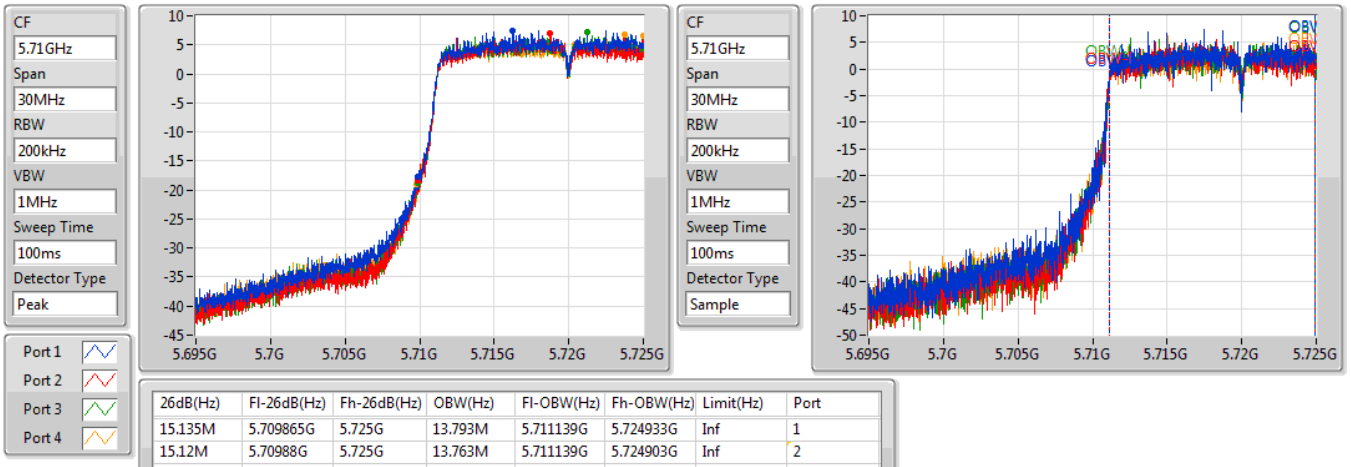


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.475M	5.689775G	5.71025G	17.616M	5.691154G	5.708771G	Inf	1
20.725M	5.689625G	5.71035G	17.616M	5.691179G	5.708796G	Inf	2
20.475M	5.68975G	5.710225G	17.616M	5.691179G	5.708796G	Inf	3
20.85M	5.689525G	5.710375G	17.591M	5.691179G	5.708771G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

18/09/2019

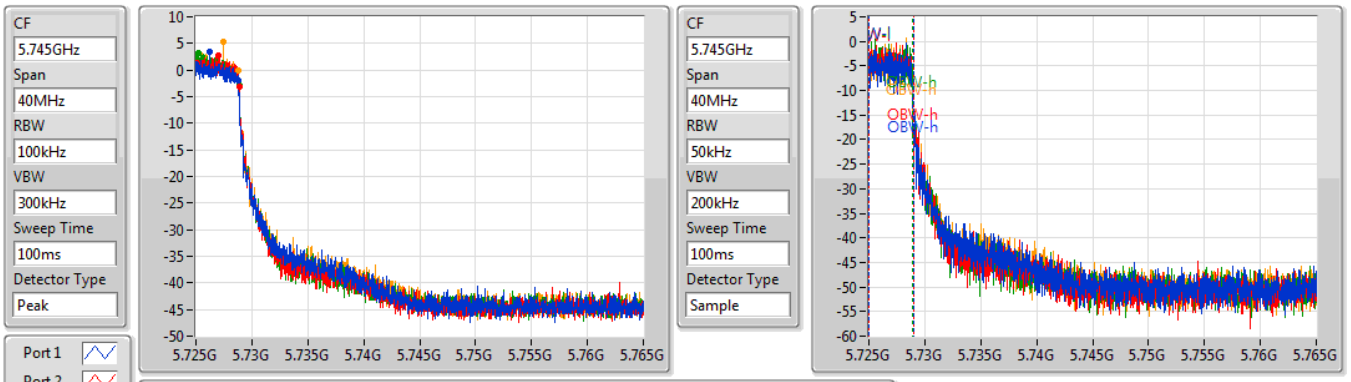


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.135M	5.709865G	5.725G	13.793M	5.711139G	5.724933G	Inf	1
15.12M	5.70988G	5.725G	13.763M	5.711139G	5.724903G	Inf	2
15.105M	5.709895G	5.725G	13.778M	5.711154G	5.724933G	Inf	3
15.18M	5.70982G	5.725G	13.793M	5.711124G	5.724918G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

18/09/2019

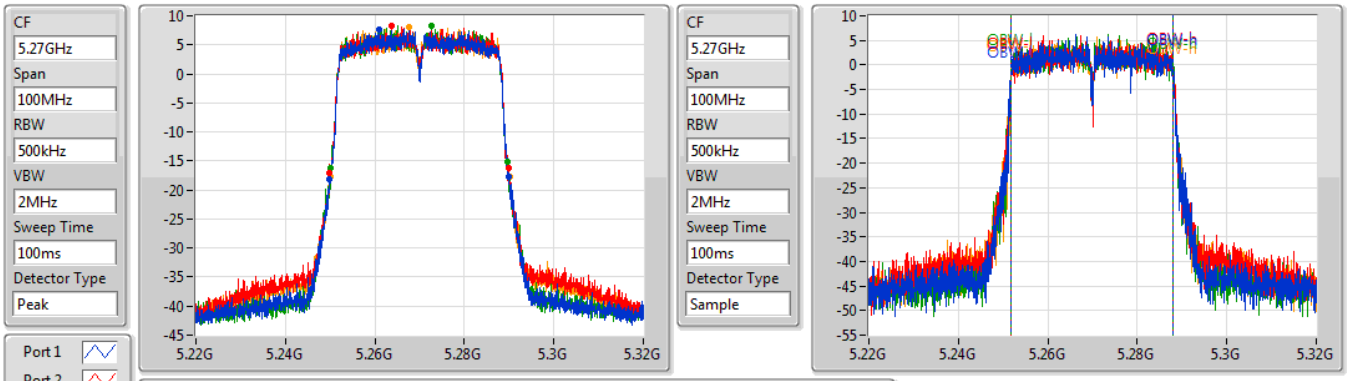


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.76M	5.725G	5.72876G	4.018M	5.72501G	5.729028G	500k	1
3.88M	5.725G	5.72888G	3.958M	5.72501G	5.728968G	500k	2
3.88M	5.725G	5.72888G	3.898M	5.72503G	5.728928G	500k	3
3.76M	5.725G	5.72876G	3.938M	5.72501G	5.728948G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

17/09/2019

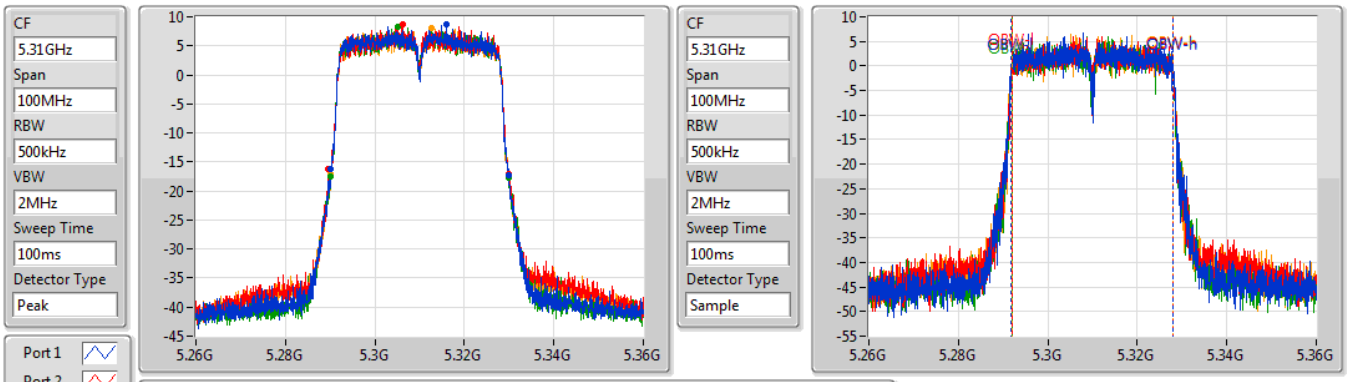


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.15M	5.2499G	5.29005G	36.167M	5.251868G	5.288035G	Inf	1
40.2M	5.2498G	5.29G	36.156M	5.251883G	5.288038G	Inf	2
39.65M	5.25005G	5.2897G	36.164M	5.251886G	5.28805G	Inf	3
40.05M	5.25005G	5.2901G	36.172M	5.251869G	5.288041G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

17/09/2019

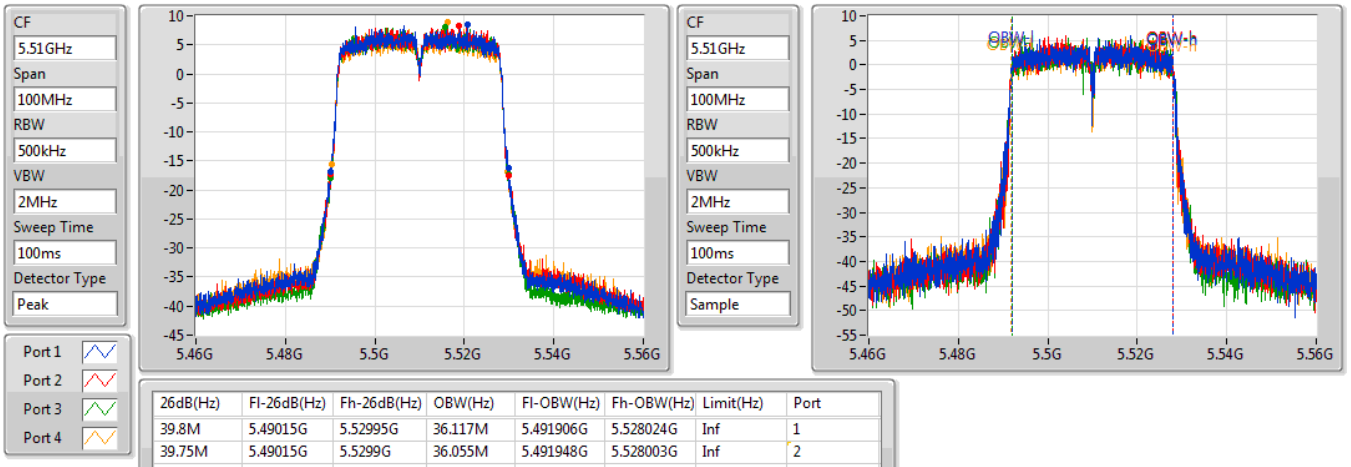


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.75M	5.2902G	5.32995G	36.15M	5.291867G	5.328017G	Inf	1
40.35M	5.2895G	5.32985G	36.126M	5.291912G	5.328039G	Inf	2
39.8M	5.29005G	5.32985G	36.071M	5.291904G	5.327975G	Inf	3
40M	5.29005G	5.33005G	36.139M	5.291895G	5.328033G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

17/09/2019

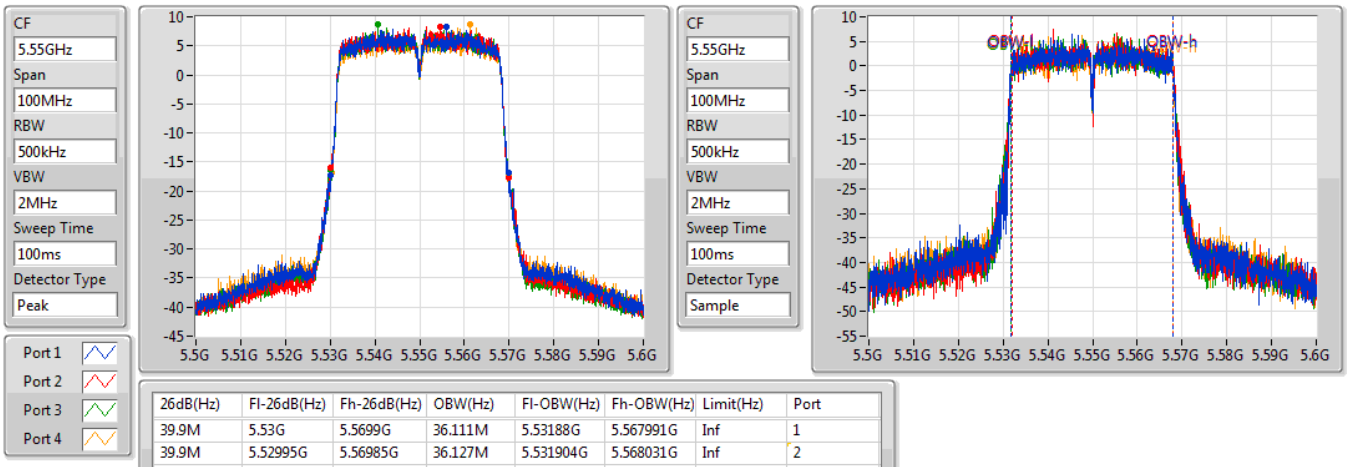


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.49015G	5.52995G	36.117M	5.491906G	5.528024G	Inf	1
39.75M	5.49015G	5.5299G	36.055M	5.491948G	5.528003G	Inf	2
39.9M	5.49005G	5.52995G	36.062M	5.491899G	5.527961G	Inf	3
39.4M	5.4903G	5.5297G	36.162M	5.49188G	5.528042G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

17/09/2019

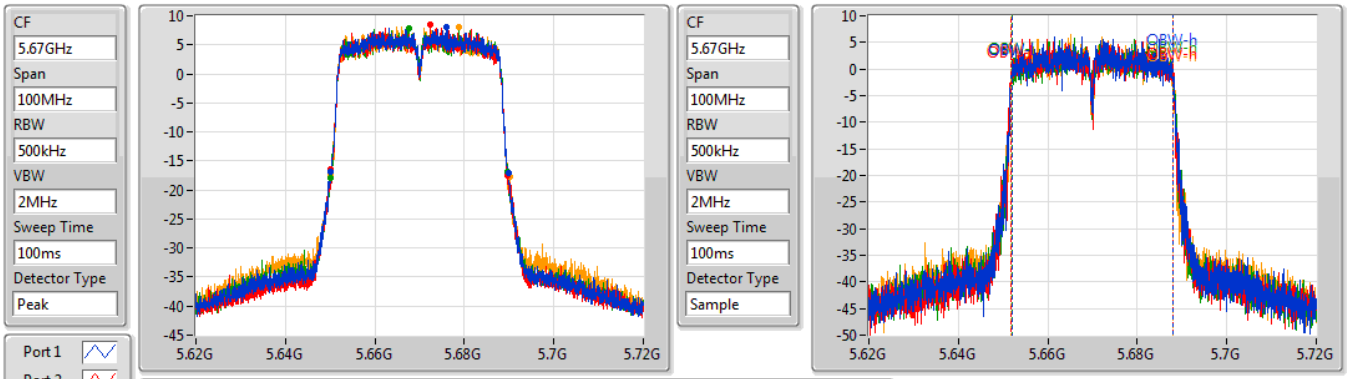


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.53G	5.5699G	36.111M	5.53188G	5.567991G	Inf	1
39.9M	5.52995G	5.56985G	36.127M	5.531904G	5.568031G	Inf	2
39.85M	5.53G	5.56985G	36.141M	5.531859G	5.567999G	Inf	3
39.65M	5.5303G	5.56995G	36.09M	5.531892G	5.567982G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

17/09/2019

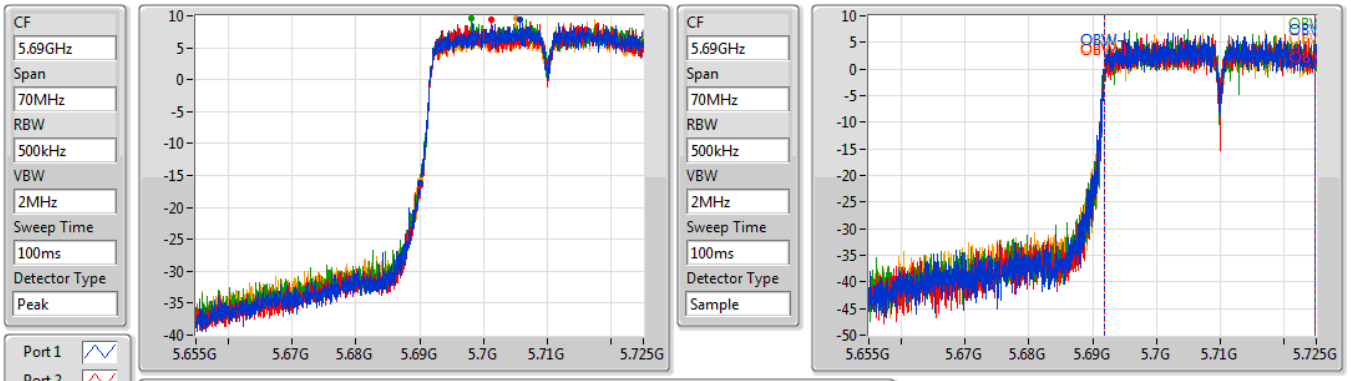


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.65G	5.6899G	36.113M	5.651898G	5.688011G	Inf	1
39.75M	5.65G	5.68975G	36.107M	5.651849G	5.687956G	Inf	2
39.75M	5.64995G	5.6897G	36.129M	5.651901G	5.68803G	Inf	3
40.25M	5.64995G	5.6902G	36.063M	5.65186G	5.687923G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

17/09/2019

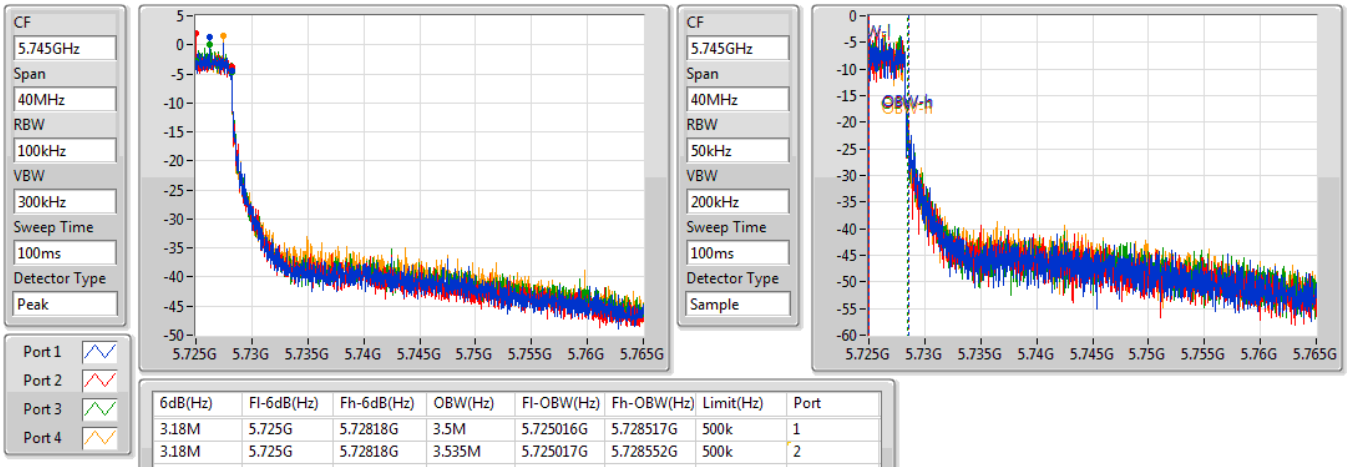


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.93M	5.69007G	5.725G	32.983M	5.691863G	5.724846G	Inf	1
34.86M	5.69014G	5.725G	32.901M	5.691869G	5.72477G	Inf	2
34.965M	5.690035G	5.725G	32.908M	5.691881G	5.724789G	Inf	3
34.93M	5.69007G	5.725G	32.924M	5.69185G	5.724774G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

17/09/2019

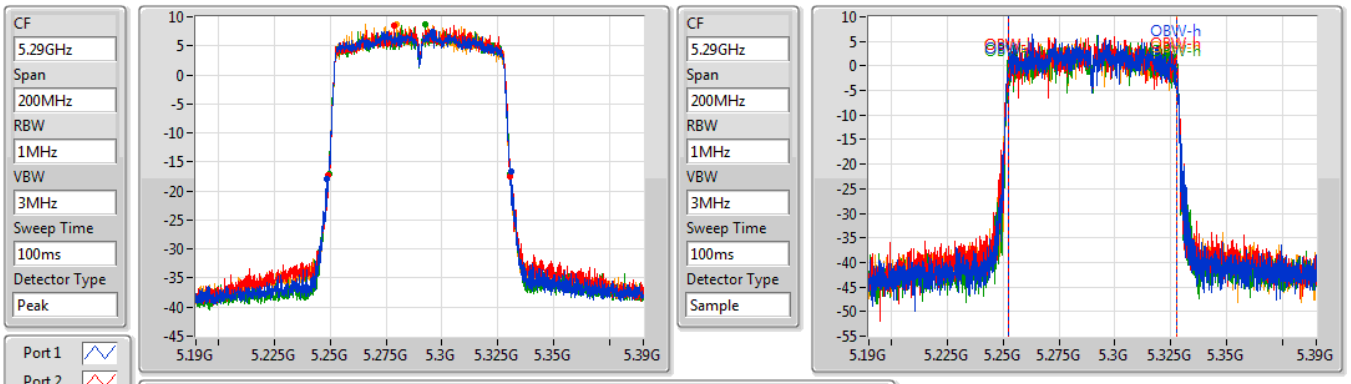


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.18M	5.725G	5.72818G	3.5M	5.725016G	5.728517G	500k	1
3.18M	5.725G	5.72818G	3.535M	5.725017G	5.728552G	500k	2
3.2M	5.725G	5.7282G	3.482M	5.725018G	5.7285G	500k	3
3.18M	5.725G	5.72818G	3.522M	5.725023G	5.728545G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

17/09/2019

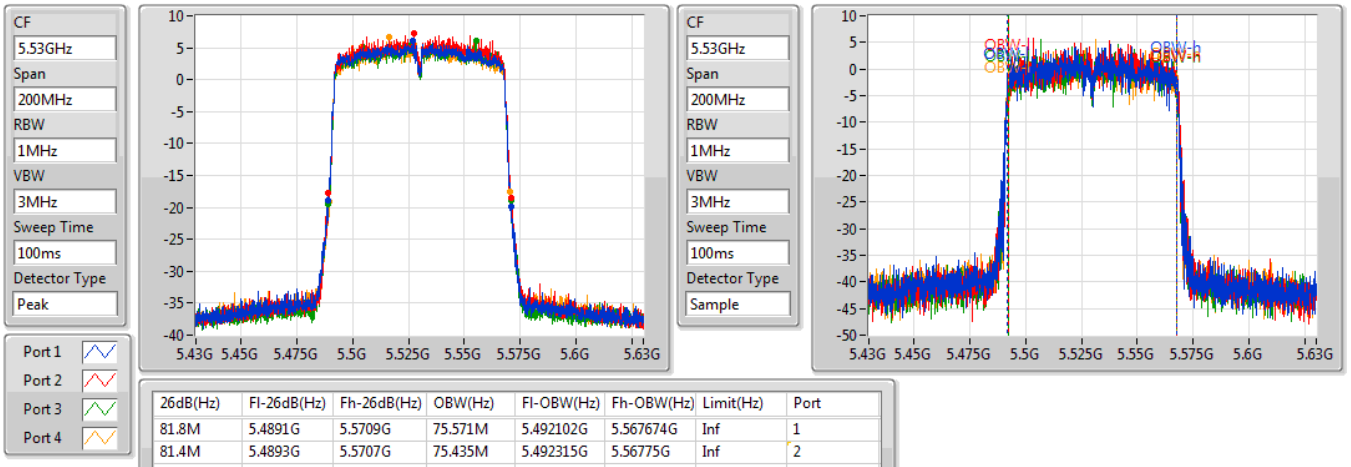


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.3M	5.2484G	5.3307G	75.294M	5.252199G	5.327493G	Inf	1
81.2M	5.2493G	5.3305G	75.424M	5.252279G	5.327704G	Inf	2
81.2M	5.2494G	5.3306G	75.678M	5.252138G	5.327816G	Inf	3
81.1M	5.2493G	5.3304G	75.435M	5.252221G	5.327656G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

17/09/2019

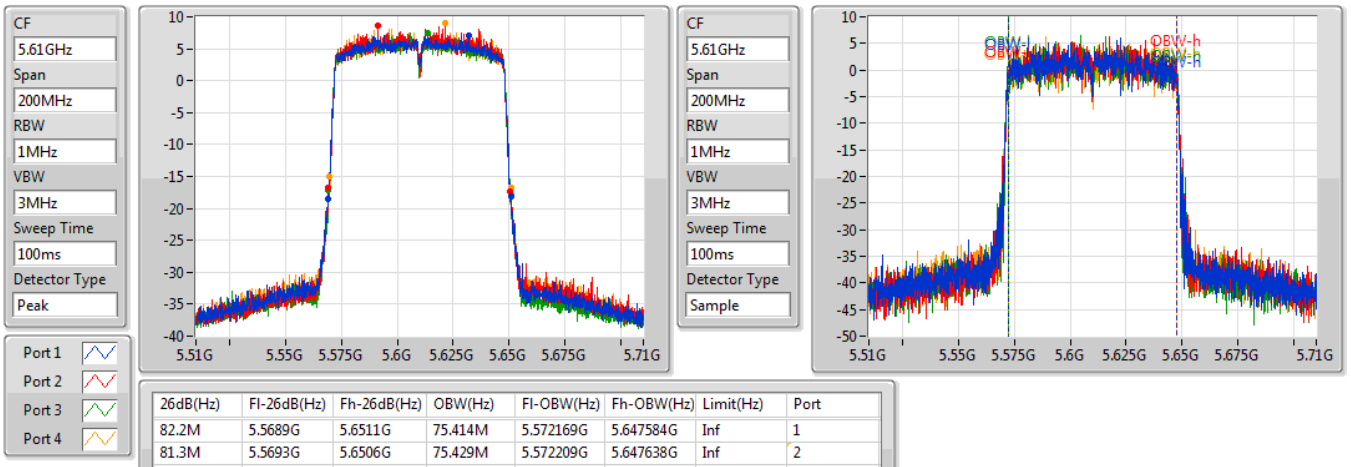


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.4891G	5.5709G	75.571M	5.492102G	5.567674G	Inf	1
81.4M	5.4893G	5.5707G	75.435M	5.492315G	5.56775G	Inf	2
81.4M	5.4893G	5.5707G	75.304M	5.492345G	5.567649G	Inf	3
81.1M	5.4895G	5.5706G	75.592M	5.492158G	5.56775G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

17/09/2019

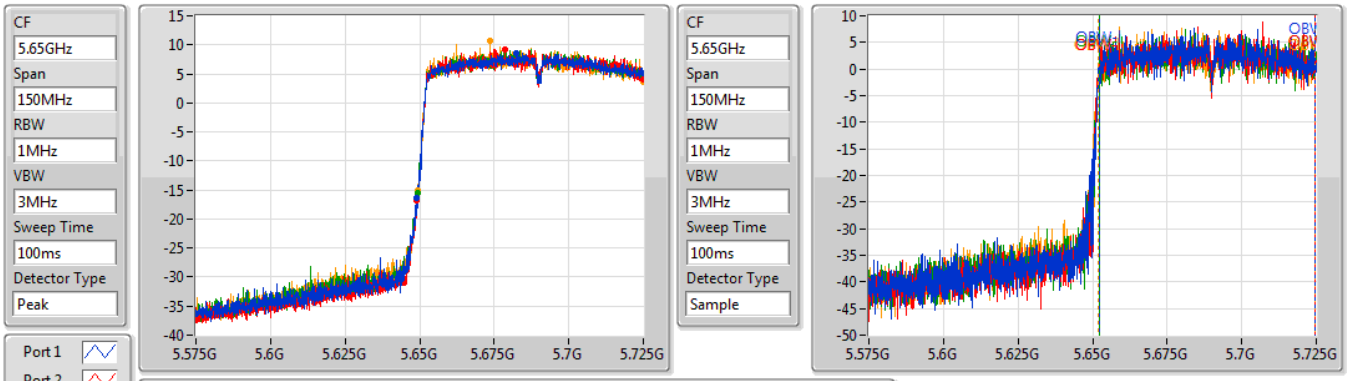


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.5689G	5.6511G	75.414M	5.572169G	5.647584G	Inf	1
81.3M	5.5693G	5.6506G	75.429M	5.572209G	5.647638G	Inf	2
81.8M	5.569G	5.6508G	75.534M	5.572164G	5.647698G	Inf	3
81M	5.5697G	5.6507G	75.372M	5.572216G	5.647587G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

17/09/2019

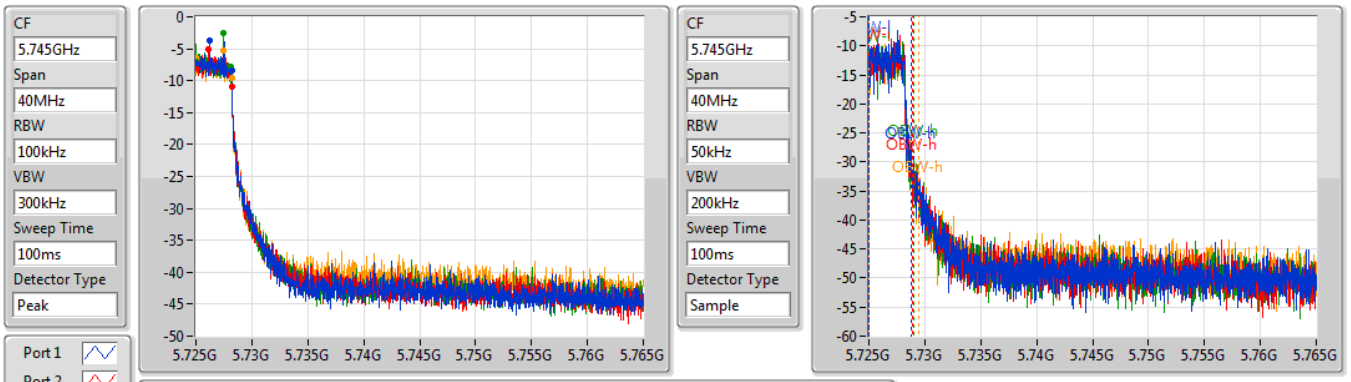


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.05M	5.64895G	5.725G	72.329M	5.652203G	5.724532G	Inf	1
76.05M	5.64895G	5.725G	72.185M	5.652192G	5.724377G	Inf	2
75.825M	5.649175G	5.725G	72.411M	5.65214G	5.724551G	Inf	3
75.6M	5.6494G	5.725G	72.423M	5.652046G	5.724468G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

17/09/2019

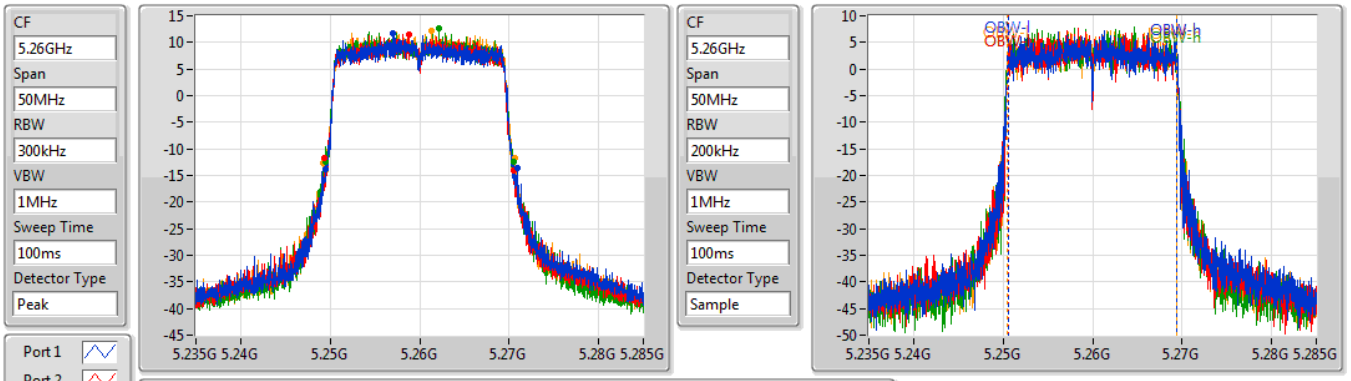


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.18M	5.725G	5.72818G	3.806M	5.725022G	5.728828G	500k	1
3.22M	5.725G	5.72822G	3.859M	5.725016G	5.728875G	500k	2
3.16M	5.725G	5.72816G	3.967M	5.725017G	5.728983G	500k	3
3.2M	5.725G	5.7282G	4.447M	5.725016G	5.729463G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

18/09/2019

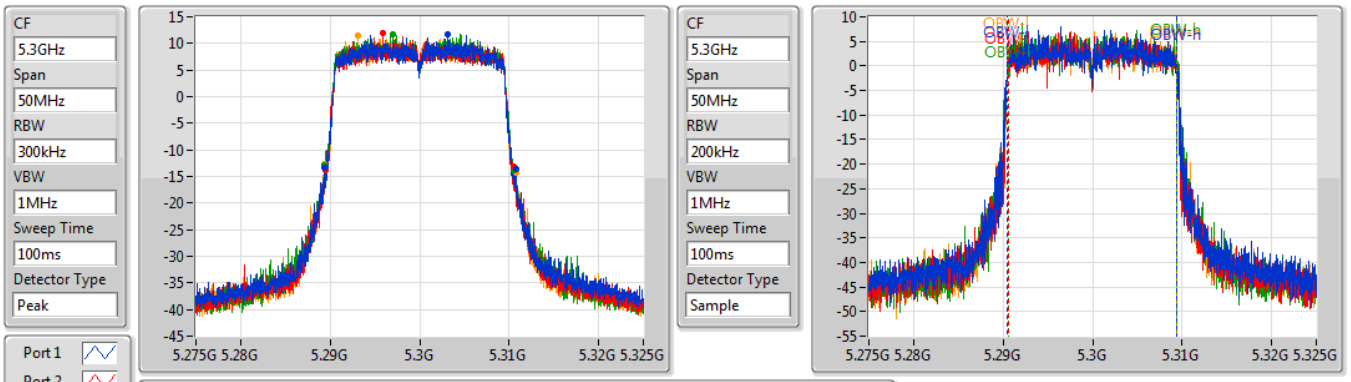


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.5M	5.24945G	5.27095G	18.916M	5.25053G	5.269445G	Inf	1
21.175M	5.249375G	5.27055G	18.841M	5.250555G	5.269395G	Inf	2
21.05M	5.2495G	5.27055G	18.891M	5.25053G	5.26942G	Inf	3
21.45M	5.24925G	5.2707G	18.916M	5.250505G	5.26942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

18/09/2019

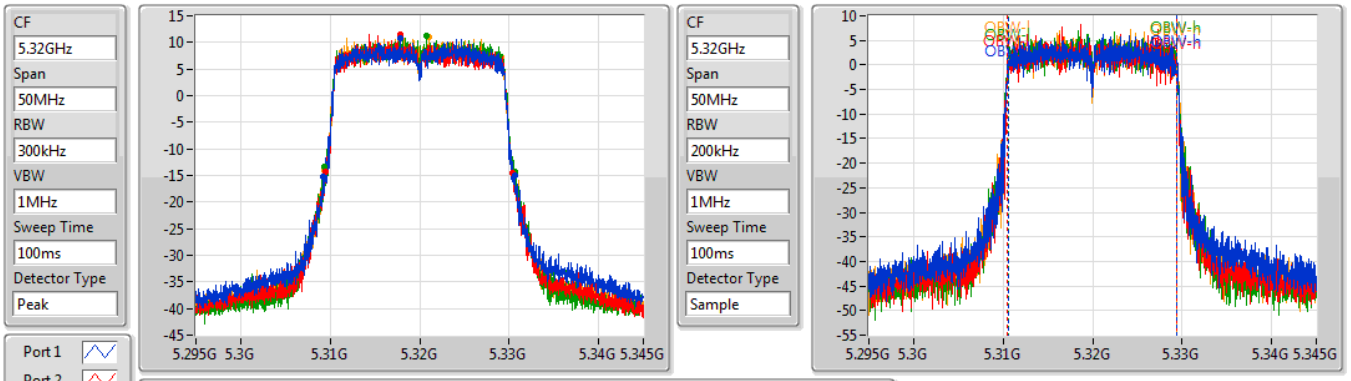


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.35M	5.2894G	5.31075G	18.916M	5.290505G	5.30942G	Inf	1
20.95M	5.289525G	5.310475G	18.866M	5.29053G	5.309395G	Inf	2
21.1M	5.289375G	5.310475G	18.916M	5.29053G	5.309445G	Inf	3
21.4M	5.289325G	5.310725G	18.941M	5.290505G	5.309445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

18/09/2019

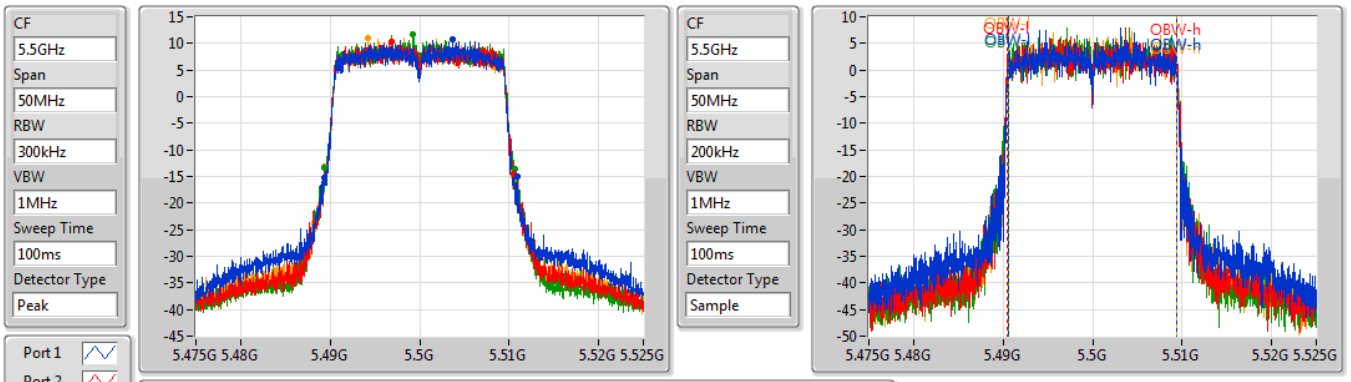


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.375M	5.30925G	5.330625G	18.866M	5.310555G	5.32942G	Inf	1
20.9M	5.3095G	5.3304G	18.916M	5.310505G	5.32942G	Inf	2
21.2M	5.3094G	5.3306G	18.916M	5.31053G	5.329445G	Inf	3
21.225M	5.3094G	5.330625G	18.891M	5.31053G	5.32942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

18/09/2019

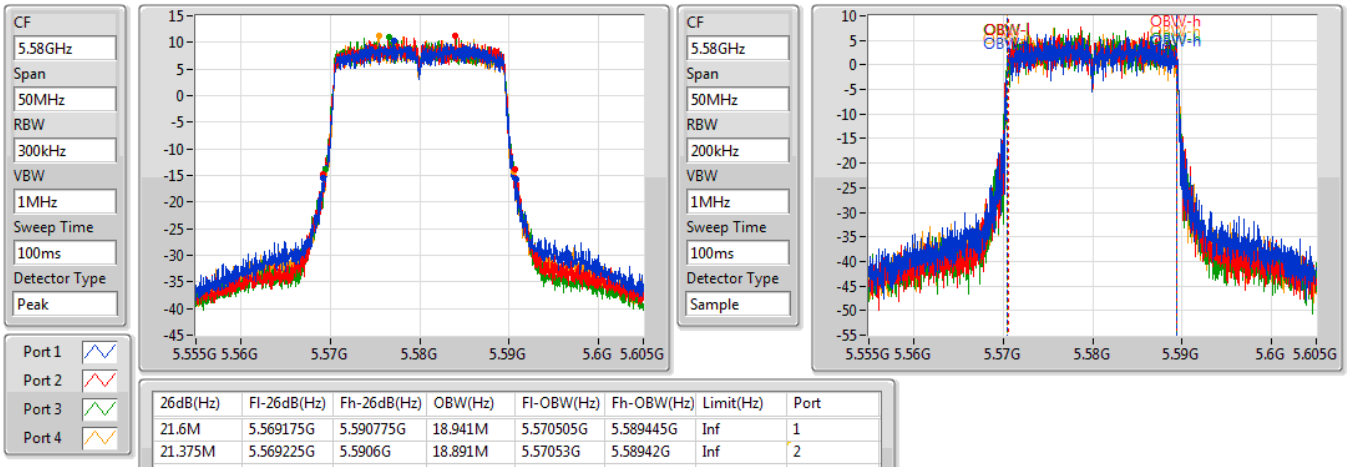


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.4893G	5.5109G	18.866M	5.49053G	5.509395G	Inf	1
21.2M	5.4893G	5.5105G	18.941M	5.490505G	5.509445G	Inf	2
21.325M	5.4893G	5.510625G	18.891M	5.49053G	5.50942G	Inf	3
21.175M	5.489375G	5.51055G	18.841M	5.490555G	5.509395G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

18/09/2019

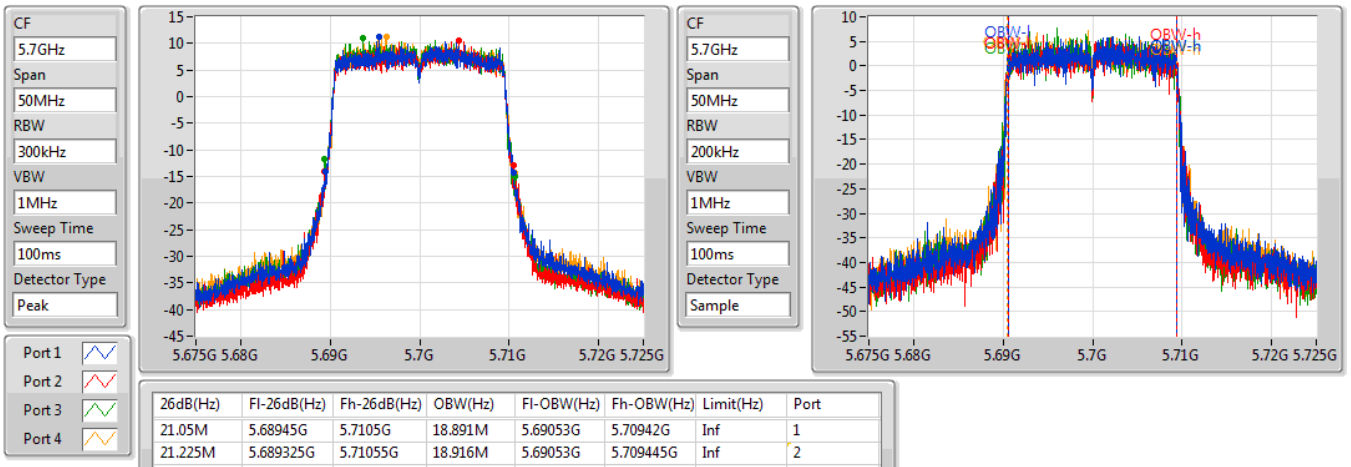


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.569175G	5.590775G	18.941M	5.570505G	5.589445G	Inf	1
21.375M	5.569225G	5.5906G	18.891M	5.57053G	5.58942G	Inf	2
21.2M	5.569425G	5.590625G	18.916M	5.570505G	5.58942G	Inf	3
21.175M	5.569325G	5.5905G	18.891M	5.570505G	5.589395G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

18/09/2019

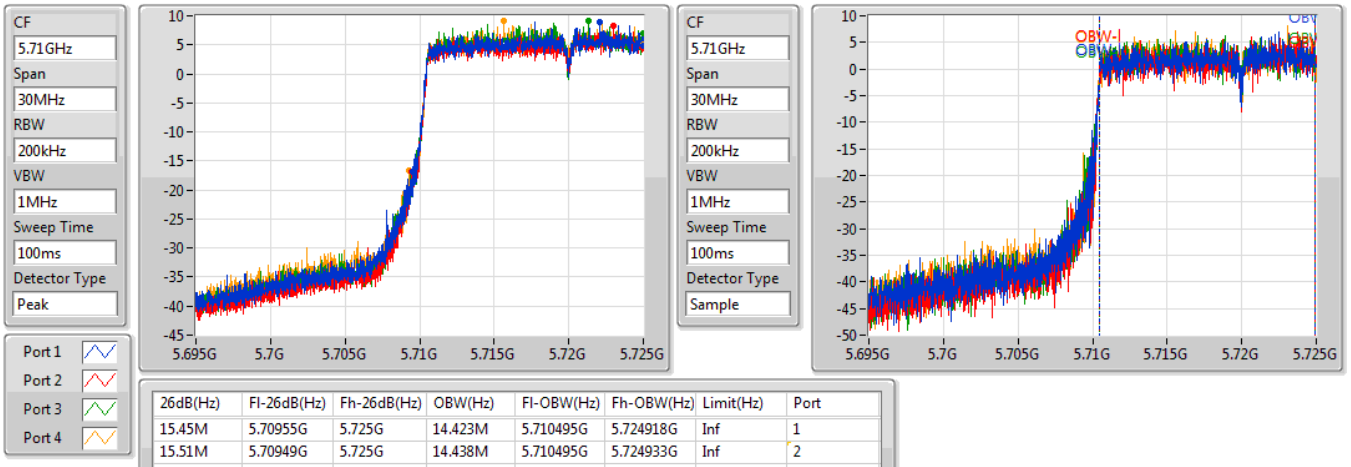


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.05M	5.68945G	5.7105G	18.891M	5.69053G	5.70942G	Inf	1
21.225M	5.689325G	5.71055G	18.916M	5.69053G	5.709445G	Inf	2
21.3M	5.6894G	5.7107G	18.891M	5.69053G	5.70942G	Inf	3
21.175M	5.689475G	5.71065G	18.916M	5.690505G	5.70942G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

18/09/2019

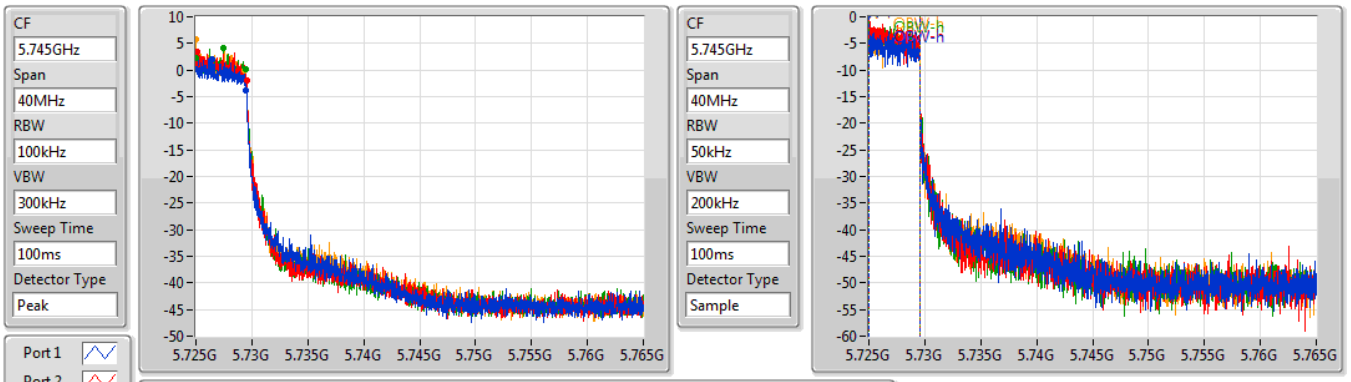


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.45M	5.70955G	5.725G	14.423M	5.710495G	5.724918G	Inf	1
15.51M	5.70949G	5.725G	14.438M	5.710495G	5.724933G	Inf	2
15.51M	5.70949G	5.725G	14.423M	5.710495G	5.724918G	Inf	3
15.705M	5.709295G	5.725G	14.423M	5.710495G	5.724918G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

18/09/2019

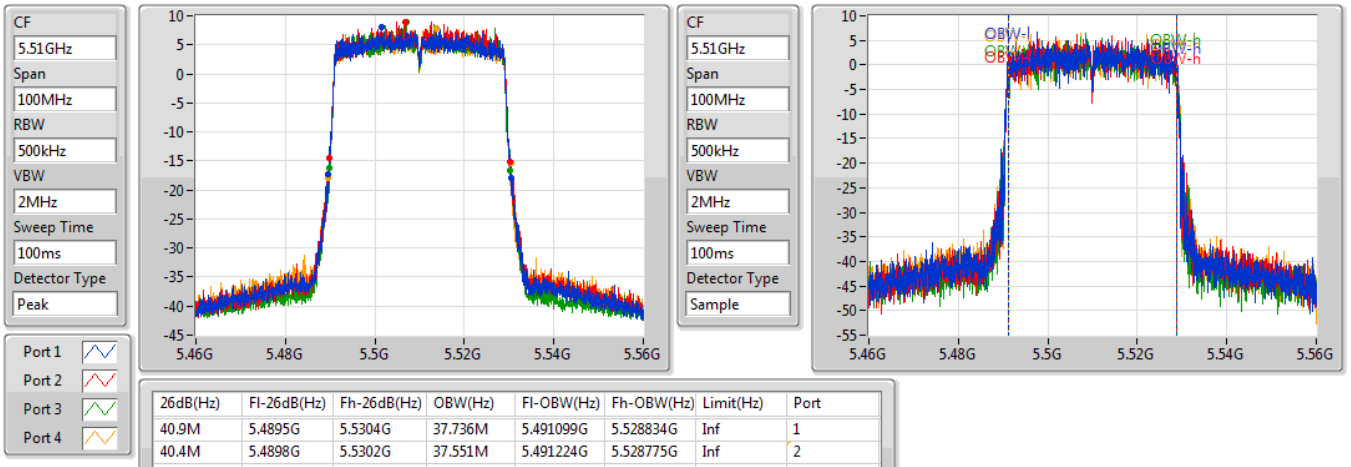


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.5M	5.725G	5.7295G	4.538M	5.72501G	5.729548G	500k	1
4.54M	5.725G	5.72954G	4.518M	5.72503G	5.729548G	500k	2
4.46M	5.725G	5.72946G	4.538M	5.72501G	5.729548G	500k	3
4.34M	5.725G	5.72934G	4.518M	5.72503G	5.729548G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

17/09/2019

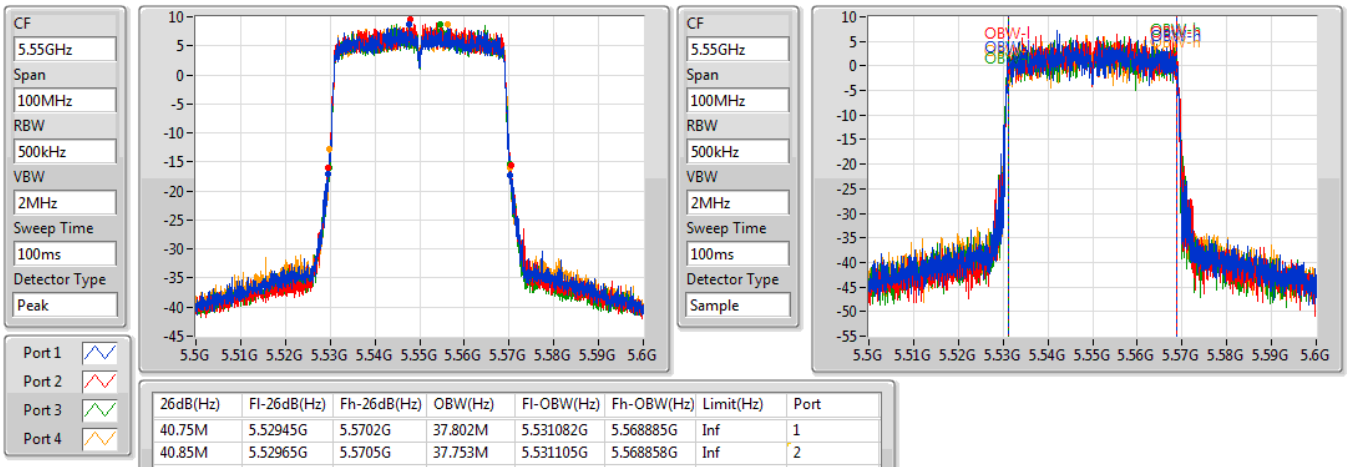


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.9M	5.4895G	5.5304G	37.736M	5.491099G	5.528834G	Inf	1
40.4M	5.4898G	5.5302G	37.551M	5.491224G	5.528775G	Inf	2
40.55M	5.48975G	5.5303G	37.626M	5.491194G	5.528819G	Inf	3
40.85M	5.48965G	5.5305G	37.688M	5.491124G	5.528813G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

17/09/2019

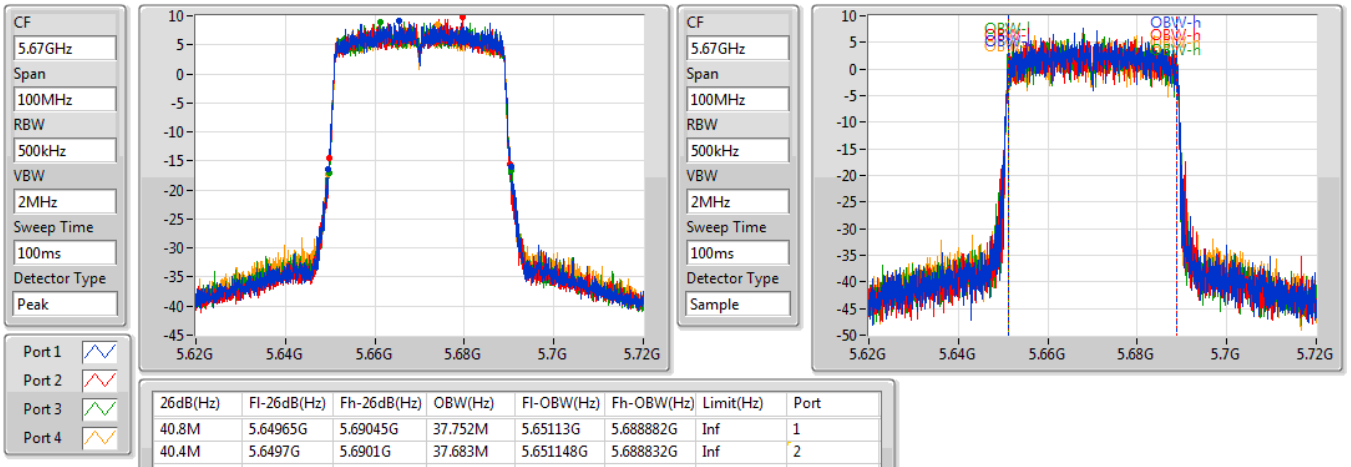


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.75M	5.52945G	5.5702G	37.802M	5.531082G	5.568885G	Inf	1
40.85M	5.52965G	5.5705G	37.753M	5.531105G	5.568858G	Inf	2
40.55M	5.52975G	5.5703G	37.7M	5.531064G	5.568764G	Inf	3
40.5M	5.52975G	5.57025G	37.752M	5.53113G	5.568883G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

17/09/2019

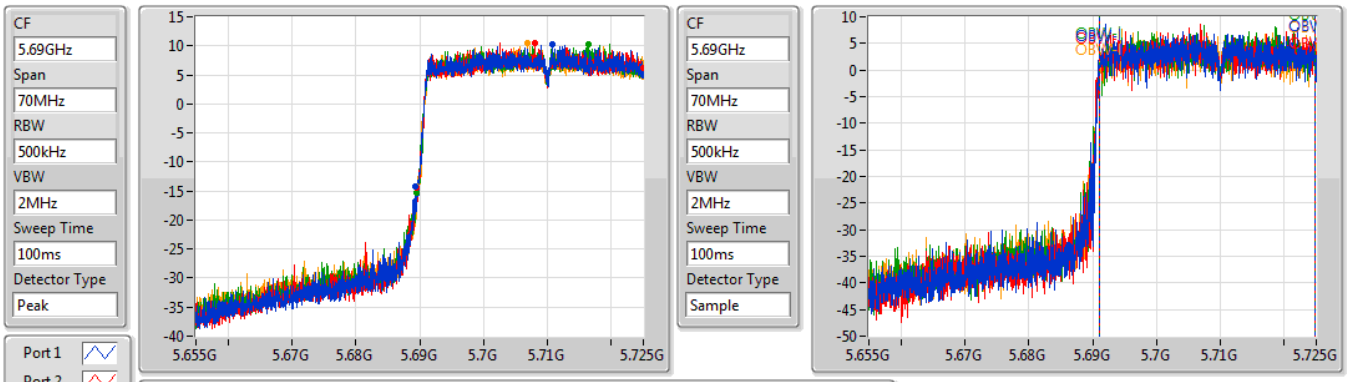


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.64965G	5.69045G	37.752M	5.65113G	5.688882G	Inf	1
40.4M	5.6497G	5.6901G	37.683M	5.651148G	5.688832G	Inf	2
40.8M	5.6497G	5.6905G	37.668M	5.651078G	5.688746G	Inf	3
41.05M	5.64945G	5.6905G	37.686M	5.651125G	5.688811G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

17/09/2019

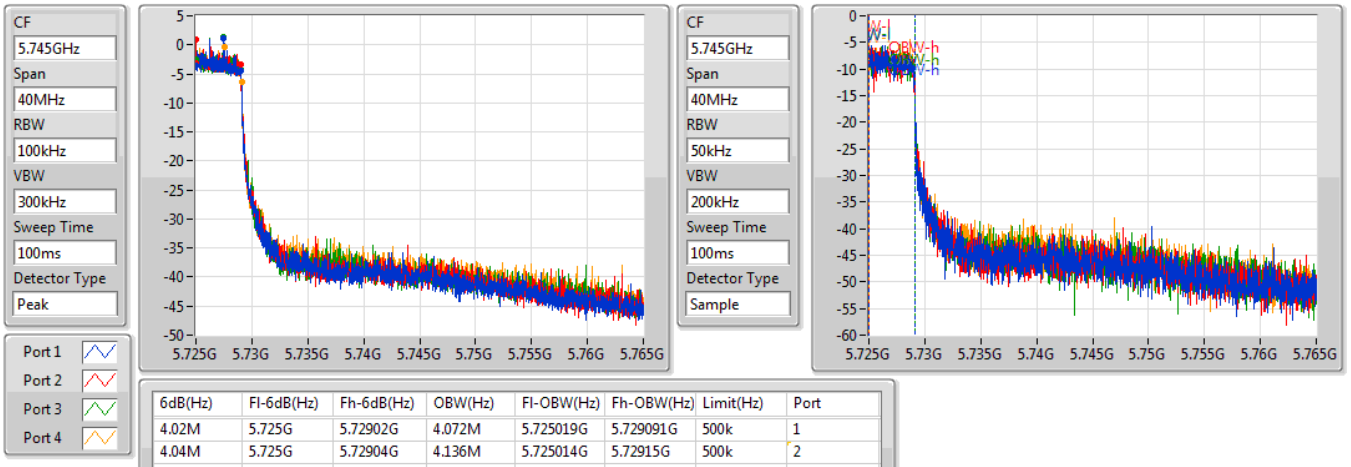


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.665M	5.689335G	5.725G	33.699M	5.69108G	5.724779G	Inf	1
35.42M	5.68958G	5.725G	33.755M	5.691053G	5.724808G	Inf	2
35.56M	5.68944G	5.725G	33.683M	5.691082G	5.724766G	Inf	3
35.455M	5.689545G	5.725G	33.773M	5.691045G	5.724818G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

17/09/2019

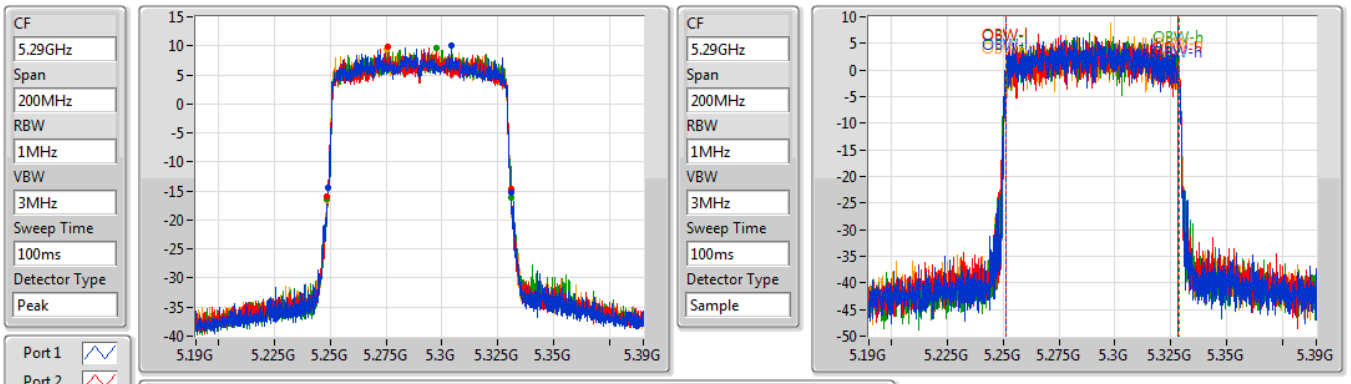


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.072M	5.725019G	5.729091G	500k	1
4.04M	5.725G	5.72904G	4.136M	5.725014G	5.72915G	500k	2
4.04M	5.725G	5.72904G	4.126M	5.725018G	5.729144G	500k	3
4.08M	5.725G	5.72908G	4.068M	5.725025G	5.729094G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

17/09/2019

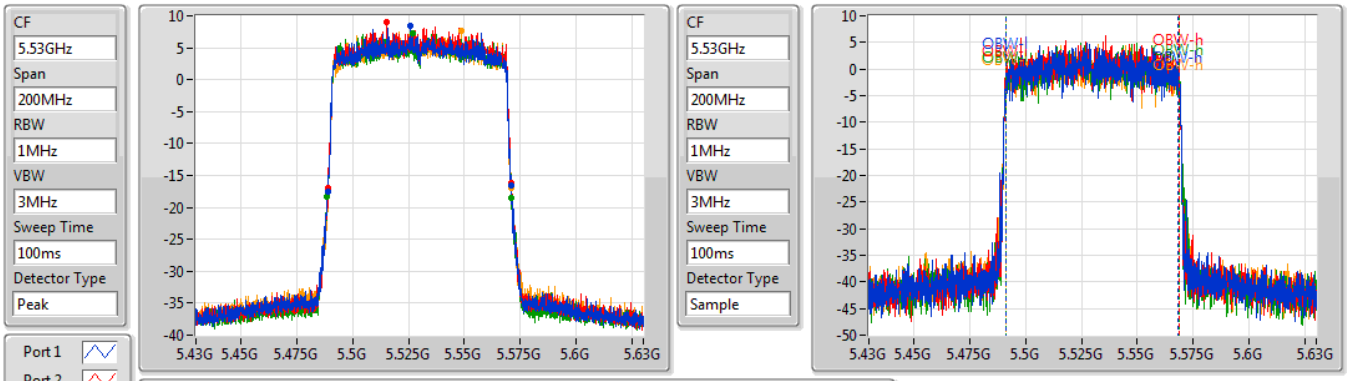


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.2488G	5.331G	77.073M	5.251318G	5.328391G	Inf	1
82.2M	5.2487G	5.3309G	77.041M	5.251362G	5.328403G	Inf	2
82.4M	5.2487G	5.3311G	77.142M	5.25148G	5.328622G	Inf	3
82.2M	5.2486G	5.3308G	77.011M	5.251468G	5.328479G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

17/09/2019

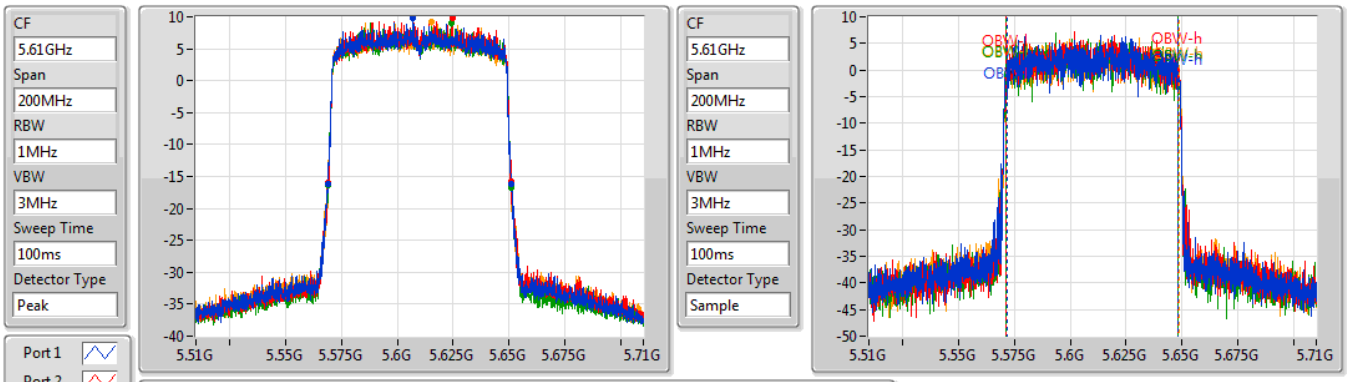


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.4888G	5.571G	76.981M	5.491427G	5.568408G	Inf	1
82.3M	5.4889G	5.5712G	77.06M	5.491459G	5.568519G	Inf	2
82.4M	5.4886G	5.571G	77.028M	5.491528G	5.568556G	Inf	3
82M	5.489G	5.571G	77.067M	5.491389G	5.568456G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

17/09/2019

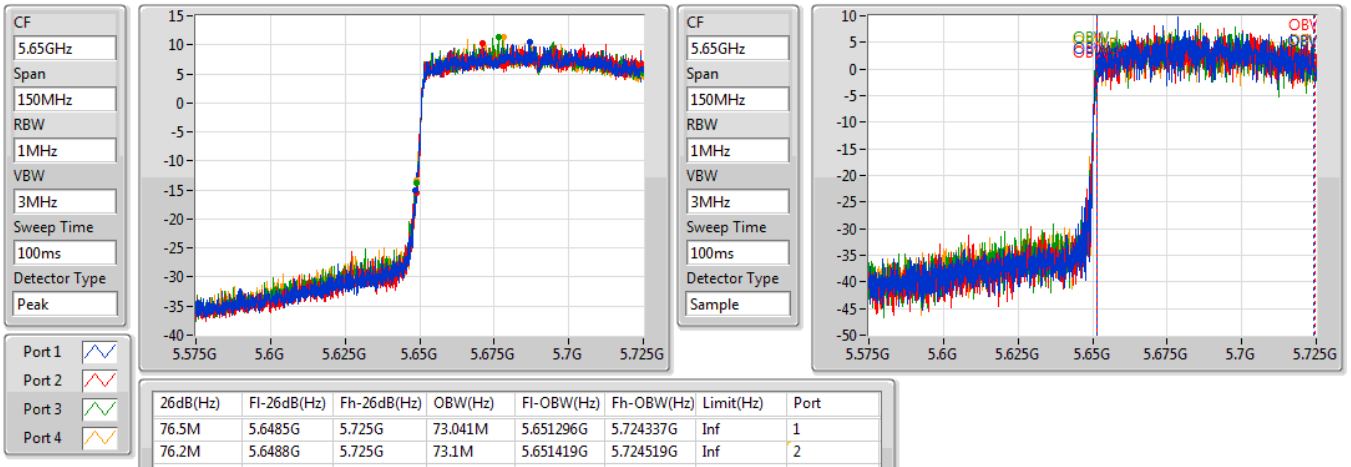


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.4M	5.5688G	5.6512G	76.748M	5.571573G	5.648322G	Inf	1
82.3M	5.5689G	5.6512G	76.841M	5.571543G	5.648384G	Inf	2
82.2M	5.5689G	5.6511G	76.852M	5.571393G	5.648245G	Inf	3
81.6M	5.5692G	5.6508G	77.076M	5.571418G	5.648495G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

17/09/2019

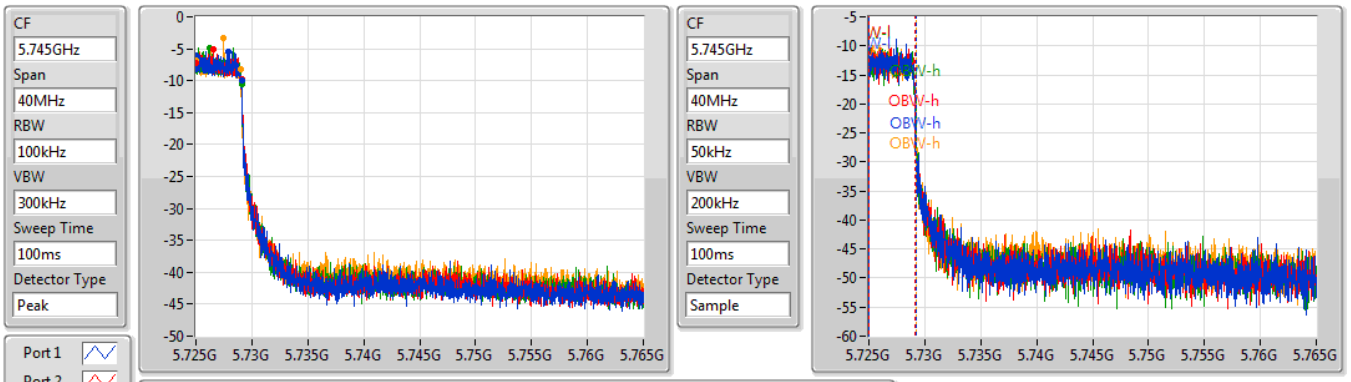


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.5M	5.6485G	5.725G	73.041M	5.651296G	5.724337G	Inf	1
76.2M	5.6488G	5.725G	73.1M	5.651419G	5.724519G	Inf	2
75.975M	5.649025G	5.725G	73.038M	5.651302G	5.72434G	Inf	3
75.9M	5.6491G	5.725G	73.079M	5.651336G	5.724414G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

17/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.1M	5.725G	5.7291G	4.17M	5.725025G	5.729194G	500k	1
4.08M	5.725G	5.72908G	4.131M	5.725017G	5.729149G	500k	2
4.08M	5.725G	5.72908G	4.177M	5.725018G	5.729195G	500k	3
4.02M	5.725G	5.72902G	4.242M	5.725032G	5.729274G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	139.8M	75.562M	75M6D1D	81.6M	75.562M
802.11ax HEW80+80_Nss1,(MCS0)_4TX	139.68M	77.721M	77M7D1D	82.32M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	82.32M	75.562M	75M6D1D	81.84M	75.322M
802.11ax HEW80+80_Nss1,(MCS0)_4TX	82.2M	77.121M	77M1D1D	81.96M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT80+80_Nss2,(MCS0)_4TX	82.35M	75.562M	75M6D1D	82.05M	75.262M
802.11ax HEW80+80_Nss2,(MCS0)_4TX	82.5M	77.211M	77M2D1D	82.05M	77.061M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

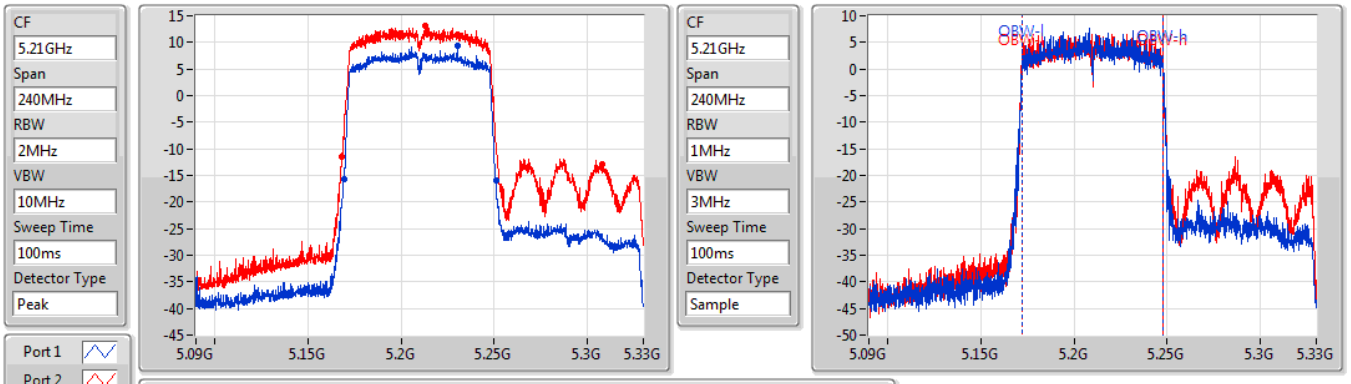
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	81.6M	75.562M	139.8M	75.562M				
5210MHz,#5290MHz	Pass	Inf					82.32M	75.562M	81.84M	75.322M
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	82.05M	75.562M	82.35M	75.562M	82.2M	75.412M	82.2M	75.262M
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	82.32M	77.241M	139.68M	77.721M				
5210MHz,#5290MHz	Pass	Inf					81.96M	77.121M	82.2M	77.001M
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	82.2M	77.061M	82.05M	77.061M	82.5M	77.211M	82.05M	77.061M

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

802.11ac VHT80+80_Nss1,(MCS0)_4TX EBW

#5210MHz,5290MHz

27/09/2019

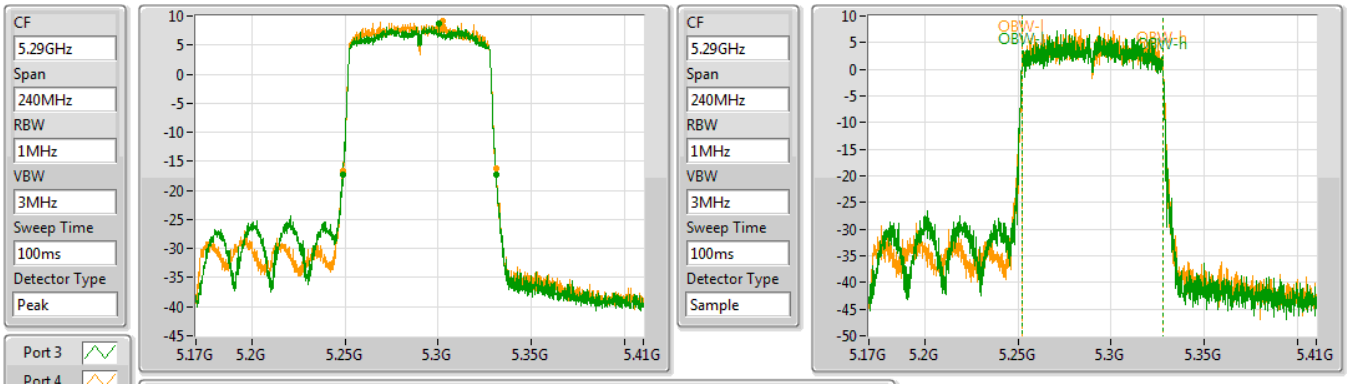


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.16932G	5.25092G	75.562M	5.172219G	5.247781G	Inf	1
139.8M	5.168G	5.3078G	75.562M	5.172339G	5.247901G	Inf	2

802.11ac VHT80+80_Nss1,(MCS0)_4TX EBW

5210MHz,#5290MHz

27/09/2019

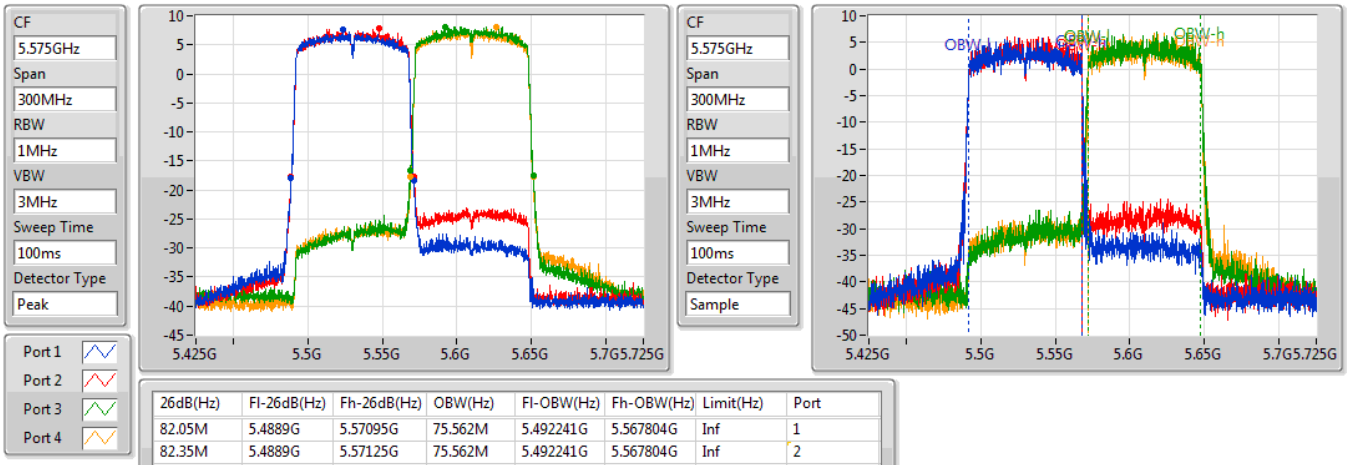


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.24884G	5.33116G	75.562M	5.252099G	5.327661G	Inf	3
81.84M	5.24908G	5.33092G	75.322M	5.252219G	5.327541G	Inf	4

802.11ac VHT80+80_Nss2,(MCS0)_4TX EBW

#5530MHz,#5610MHz

27/09/2019

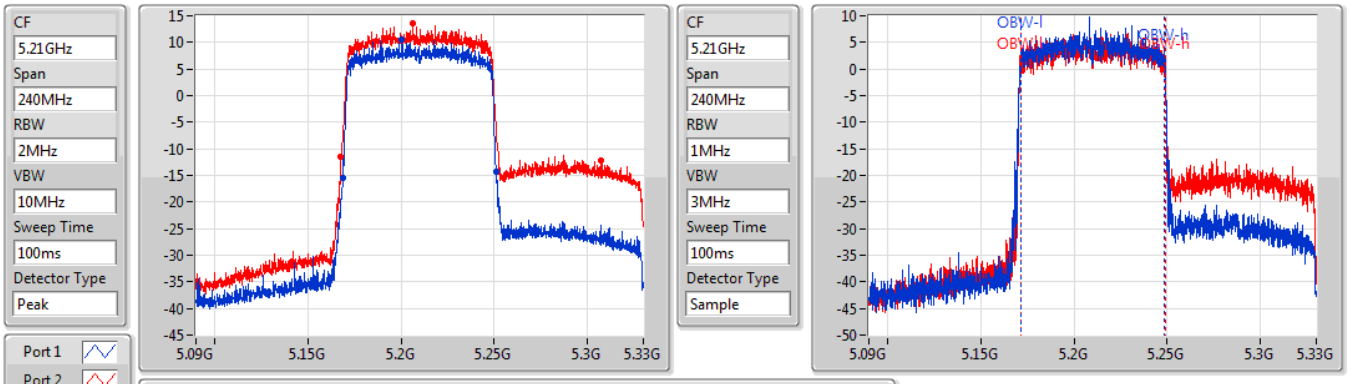


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.05M	5.4889G	5.57095G	75.562M	5.492241G	5.567804G	Inf	1
82.35M	5.4889G	5.57125G	75.562M	5.492241G	5.567804G	Inf	2
82.2M	5.56885G	5.65105G	75.412M	5.572151G	5.647564G	Inf	3
82.2M	5.56885G	5.65105G	75.262M	5.572151G	5.647414G	Inf	4

802.11ax HEW80+80_Nss1,(MCS0)_4TX EBW

#5210MHz,5290MHz

27/09/2019

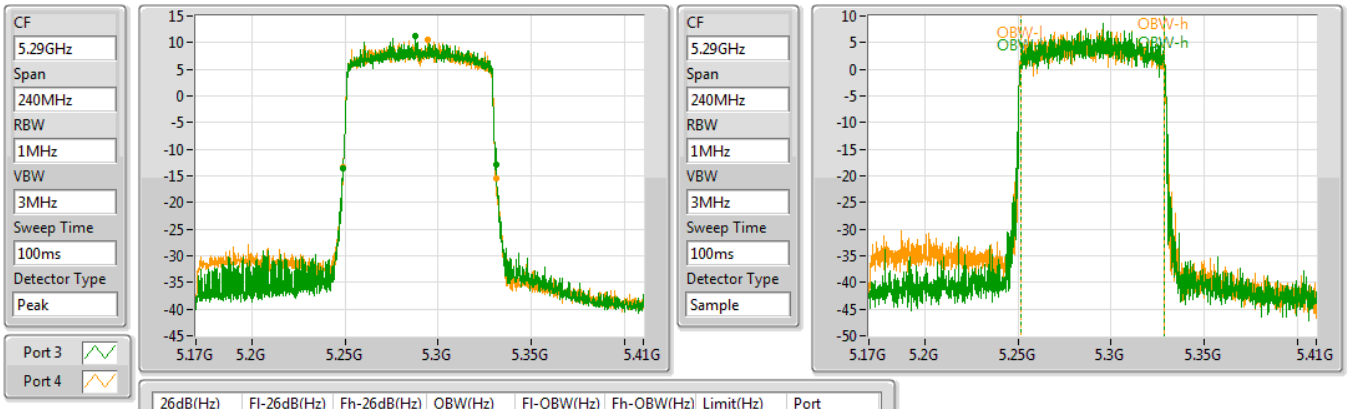


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.16872G	5.25104G	77.241M	5.171379G	5.248621G	Inf	1
139.68M	5.16788G	5.30756G	77.721M	5.171259G	5.248981G	Inf	2

802.11ax HEW80+80_Nss1,(MCS0)_4TX EBW

5210MHz,#5290MHz

27/09/2019

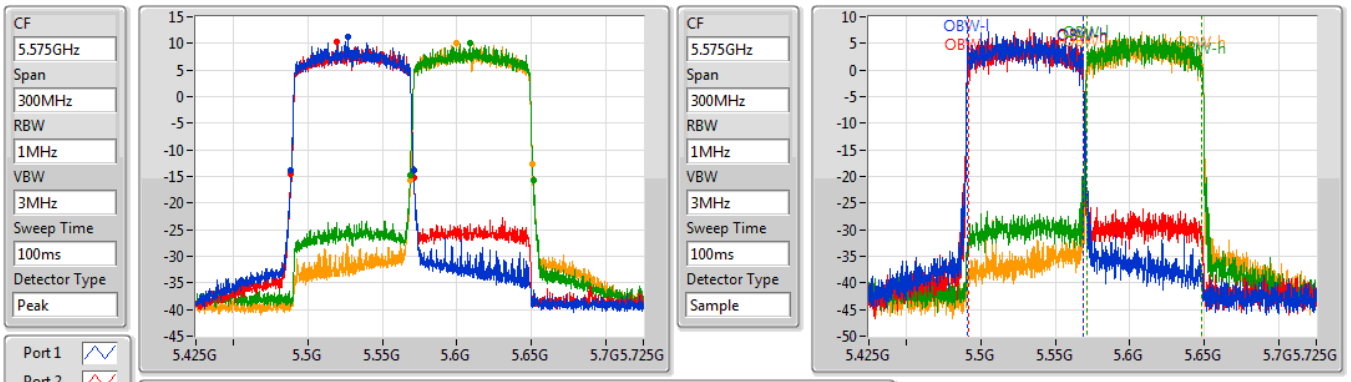


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.24896G	5.33092G	77.121M	5.251379G	5.328501G	Inf	3
82.2M	5.24884G	5.33104G	77.001M	5.251379G	5.328381G	Inf	4

802.11ax HEW80+80_Nss2,(MCS0)_4TX EBW

#5530MHz,#5610MHz

27/09/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.4889G	5.5711G	77.061M	5.491342G	5.568403G	Inf	1
82.05M	5.4889G	5.57095G	77.061M	5.491492G	5.568553G	Inf	2
82.5M	5.5687G	5.6512G	77.211M	5.571252G	5.648463G	Inf	3
82.05M	5.5687G	5.65075G	77.061M	5.571402G	5.648463G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.49	0.56105
802.11ac VHT20_Nss1,(MCS0)_4TX	27.19	0.52360
802.11ac VHT40_Nss1,(MCS0)_4TX	27.92	0.61944
802.11ac VHT80_Nss1,(MCS0)_4TX	22.78	0.18967
802.11ax HEW20_Nss1,(MCS0)_4TX	27.53	0.56624
802.11ax HEW40_Nss1,(MCS0)_4TX	28.15	0.65313
802.11ax HEW80_Nss1,(MCS0)_4TX	23.12	0.20512
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	25.32	0.34041
802.11ac VHT20_Nss1,(MCS0)_4TX	26.12	0.40926
802.11ac VHT40_Nss1,(MCS0)_4TX	27.90	0.61660
802.11ac VHT80_Nss1,(MCS0)_4TX	24.87	0.30690
802.11ax HEW20_Nss1,(MCS0)_4TX	26.34	0.43053
802.11ax HEW40_Nss1,(MCS0)_4TX	28.01	0.63241
802.11ax HEW80_Nss1,(MCS0)_4TX	25.02	0.31769

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.00	20.72	20.52	20.93	20.55	26.70	30.00
5200MHz	Pass	2.00	21.13	21.52	21.76	21.46	27.49	30.00
5240MHz	Pass	2.00	21.27	21.34	21.64	21.59	27.48	30.00
5745MHz	Pass	2.00	19.35	19.10	19.51	19.24	25.32	30.00
5785MHz	Pass	2.00	19.41	18.93	19.53	19.22	25.30	30.00
5825MHz	Pass	2.00	19.13	19.18	19.24	18.94	25.14	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.00	19.08	19.63	20.46	19.51	25.72	30.00
5200MHz	Pass	2.00	20.35	21.29	21.56	21.38	27.19	30.00
5240MHz	Pass	2.00	20.37	21.21	21.64	21.32	27.18	30.00
5745MHz	Pass	2.00	20.30	19.78	20.25	20.05	26.12	30.00
5785MHz	Pass	2.00	19.94	19.73	20.30	20.06	26.03	30.00
5825MHz	Pass	2.00	19.79	19.92	20.23	19.88	25.98	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.00	17.79	18.05	18.11	17.79	23.96	30.00
5230MHz	Pass	2.00	21.94	21.77	22.04	21.84	27.92	30.00
5755MHz	Pass	2.00	21.94	21.63	22.10	21.83	27.90	30.00
5795MHz	Pass	2.00	21.94	21.36	21.86	21.69	27.74	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.00	16.86	16.72	16.71	16.74	22.78	30.00
5775MHz	Pass	2.00	19.01	18.46	19.16	18.75	24.87	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.00	20.20	19.88	20.55	20.10	26.21	30.00
5200MHz	Pass	2.00	20.61	21.67	21.75	21.52	27.43	30.00
5240MHz	Pass	2.00	20.69	21.79	21.85	21.63	27.53	30.00
5745MHz	Pass	2.00	20.49	20.01	20.45	20.26	26.33	30.00
5785MHz	Pass	2.00	20.35	20.16	20.57	20.17	26.34	30.00
5825MHz	Pass	2.00	20.22	19.98	20.53	20.12	26.24	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.00	18.03	17.89	18.18	18.24	24.11	30.00
5230MHz	Pass	2.00	21.98	21.72	22.55	22.21	28.15	30.00
5755MHz	Pass	2.00	22.22	21.57	22.06	22.09	28.01	30.00
5795MHz	Pass	2.00	22.09	21.57	22.19	22.05	28.00	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.00	17.22	17.02	16.98	17.18	23.12	30.00
5775MHz	Pass	2.00	19.01	18.81	19.21	18.96	25.02	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	25.73	0.37411
802.11ax HEW40_Nss1,(MCS0)_4TX	24.93	0.31117
802.11ax HEW80_Nss1,(MCS0)_4TX	20.61	0.11508
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	24.51	0.28249
802.11ax HEW40_Nss1,(MCS0)_4TX	25.28	0.33729
802.11ax HEW80_Nss1,(MCS0)_4TX	22.79	0.19011

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.00	17.87	17.87	17.97	18.49	24.08	30.00
5200MHz	Pass	2.00	19.50	19.37	19.91	19.86	25.69	30.00
5240MHz	Pass	2.00	19.36	19.38	19.87	20.19	25.73	30.00
5745MHz	Pass	2.00	18.38	18.36	18.66	18.54	24.51	30.00
5785MHz	Pass	2.00	18.40	18.43	18.11	18.25	24.32	30.00
5825MHz	Pass	2.00	18.05	18.14	18.24	18.14	24.16	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.00	15.00	14.90	15.23	15.53	21.19	30.00
5230MHz	Pass	2.00	18.53	18.81	19.06	19.19	24.93	30.00
5755MHz	Pass	2.00	19.28	19.10	19.21	19.14	25.20	30.00
5795MHz	Pass	2.00	19.32	19.31	19.26	19.15	25.28	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.00	14.42	14.50	14.61	14.83	20.61	30.00
5775MHz	Pass	2.00	16.68	16.85	16.77	16.76	22.79	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	24.86	0.30620
802.11ax HEW40_Nss1,(MCS0)_4TX	25.27	0.33651
802.11ax HEW80_Nss1,(MCS0)_4TX	21.24	0.13305
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	23.35	0.21627
802.11ax HEW40_Nss1,(MCS0)_4TX	25.28	0.33729
802.11ax HEW80_Nss1,(MCS0)_4TX	23.76	0.23768

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	2.00	16.96	16.62	16.96	17.32	22.99	30.00
5200MHz	Pass	2.00	18.47	18.82	18.89	19.15	24.86	30.00
5240MHz	Pass	2.00	18.24	18.23	18.54	19.08	24.56	30.00
5745MHz	Pass	2.00	17.35	17.20	17.37	17.41	23.35	30.00
5785MHz	Pass	2.00	16.69	17.04	16.46	17.03	22.83	30.00
5825MHz	Pass	2.00	16.68	16.56	16.50	16.82	22.66	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	2.00	14.90	15.03	15.03	15.86	21.24	30.00
5230MHz	Pass	2.00	18.42	19.30	19.55	19.62	25.27	30.00
5755MHz	Pass	2.00	19.28	19.10	19.21	19.14	25.20	30.00
5795MHz	Pass	2.00	19.32	19.31	19.26	19.15	25.28	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	2.00	15.03	15.08	15.26	15.50	21.24	30.00
5775MHz	Pass	2.00	17.73	17.75	17.75	17.73	23.76	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.31	0.21429
802.11ac VHT20_Nss1,(MCS0)_4TX	23.78	0.23878
802.11ac VHT40_Nss1,(MCS0)_4TX	23.97	0.24946
802.11ac VHT80_Nss1,(MCS0)_4TX	23.38	0.21777
802.11ax HEW20_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ax HEW80_Nss1,(MCS0)_4TX	23.67	0.23281
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.69	0.23388
802.11ac VHT20_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ac VHT40_Nss1,(MCS0)_4TX	23.87	0.24378
802.11ac VHT80_Nss1,(MCS0)_4TX	23.66	0.23227
802.11ax HEW20_Nss1,(MCS0)_4TX	23.63	0.23067
802.11ax HEW40_Nss1,(MCS0)_4TX	23.82	0.24099
802.11ax HEW80_Nss1,(MCS0)_4TX	23.75	0.23714
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	17.31	0.05383
802.11ac VHT20_Nss1,(MCS0)_4TX	16.19	0.04159
802.11ac VHT40_Nss1,(MCS0)_4TX	13.00	0.01995
802.11ac VHT80_Nss1,(MCS0)_4TX	8.31	0.00678
802.11ax HEW20_Nss1,(MCS0)_4TX	16.74	0.04721
802.11ax HEW40_Nss1,(MCS0)_4TX	13.80	0.02399
802.11ax HEW80_Nss1,(MCS0)_4TX	9.46	0.00883

Result

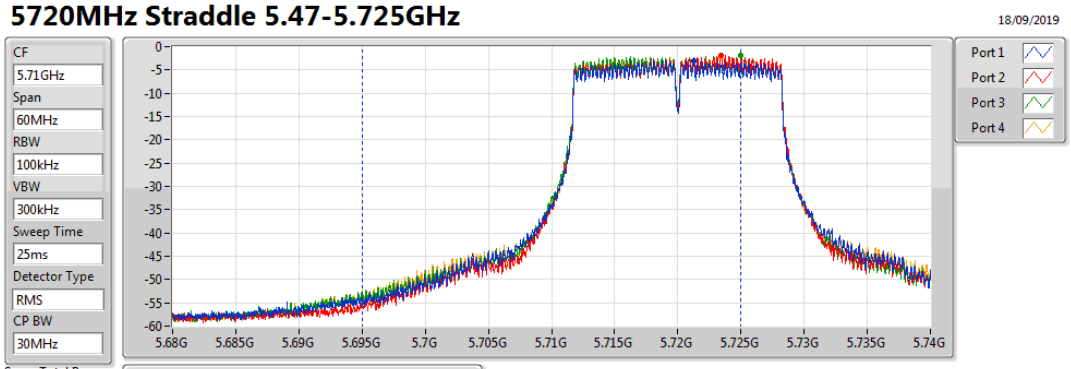
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	16.90	17.09	17.48	17.12	23.17	23.76
5300MHz	Pass	2.00	17.05	17.54	17.28	17.20	23.29	23.77
5320MHz	Pass	2.00	17.14	17.31	17.65	17.05	23.31	23.75
5500MHz	Pass	2.00	17.35	18.14	17.60	17.56	23.69	23.78
5580MHz	Pass	2.00	17.39	18.16	17.27	17.03	23.50	23.77
5700MHz	Pass	2.00	17.05	16.99	16.87	16.52	22.88	23.78
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	15.82	16.54	17.04	16.66	22.56	22.60
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	10.19	11.77	11.64	11.37	17.31	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	17.47	17.62	17.82	18.07	23.77	23.98
5300MHz	Pass	2.00	17.68	17.75	17.58	17.89	23.75	23.98
5320MHz	Pass	2.00	17.62	17.59	17.84	17.99	23.78	23.98
5500MHz	Pass	2.00	17.87	17.90	17.47	17.21	23.64	23.98
5580MHz	Pass	2.00	17.83	17.75	17.34	17.30	23.58	23.98
5700MHz	Pass	2.00	16.98	16.61	16.58	16.54	22.70	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	16.75	16.18	16.39	16.09	22.38	22.79
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	9.38	10.21	10.51	10.47	16.19	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	2.00	17.64	17.84	18.00	17.91	23.87	23.98
5310MHz	Pass	2.00	18.00	18.04	17.89	17.85	23.97	23.98
5510MHz	Pass	2.00	17.78	17.65	16.46	16.80	23.23	23.98
5550MHz	Pass	2.00	17.90	18.19	17.55	17.66	23.85	23.98
5670MHz	Pass	2.00	17.70	17.56	17.54	17.54	23.61	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	17.87	17.79	18.09	17.62	23.87	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	7.00	6.83	7.31	6.77	13.00	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	17.43	17.46	17.26	17.30	23.38	23.98
5530MHz	Pass	2.00	15.89	16.32	15.58	15.55	21.87	23.98
5610MHz	Pass	2.00	17.68	17.77	17.70	17.41	23.66	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	17.63	17.44	17.72	17.39	23.57	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	2.50	2.36	2.40	1.89	8.31	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	17.43	17.72	18.00	18.05	23.83	23.98
5300MHz	Pass	2.00	17.60	17.74	18.08	17.95	23.87	23.98
5320MHz	Pass	2.00	17.39	17.53	17.80	17.76	23.64	23.98
5500MHz	Pass	2.00	17.42	17.52	17.81	17.66	23.63	23.98
5580MHz	Pass	2.00	17.47	17.66	17.73	17.46	23.60	23.98
5700MHz	Pass	2.00	16.97	16.88	17.28	17.45	23.17	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	16.57	16.21	16.94	16.94	22.70	22.89
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	9.92	10.87	10.95	11.04	16.74	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	2.00	17.13	17.42	16.97	16.86	23.12	23.98
5550MHz	Pass	2.00	17.56	17.78	17.60	17.43	23.61	23.98

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5670MHz	Pass	2.00	17.91	17.81	17.75	17.71	23.82	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	17.79	17.85	17.95	17.62	23.82	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	7.63	7.93	7.79	7.78	13.80	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	17.69	17.27	17.88	17.73	23.67	23.98
5530MHz	Pass	2.00	16.17	16.59	15.14	15.97	22.02	23.98
5610MHz	Pass	2.00	17.59	17.95	17.60	17.32	23.64	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	17.76	17.69	17.89	17.56	23.75	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	3.43	3.60	3.43	3.31	9.46	30.00

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

802.11a_Nss1,(6Mbps)_4TX **AV Power**

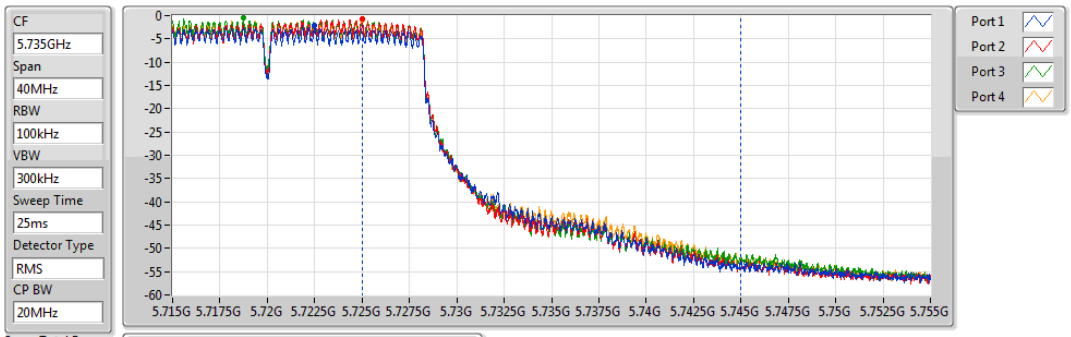
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.56	15.82	16.54	17.04	16.66

802.11a_Nss1,(6Mbps)_4TX **AV Power**

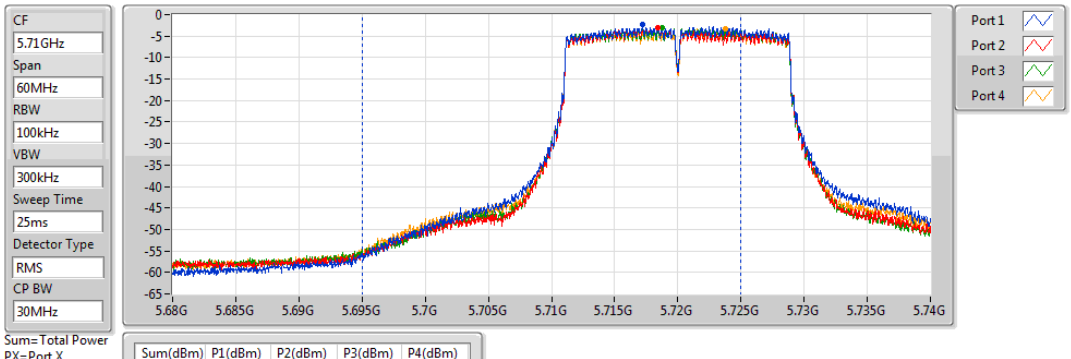
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.31	10.19	11.77	11.64	11.37

802.11ac VHT20_Nss1,(MCS0)_4TX **AV Power**

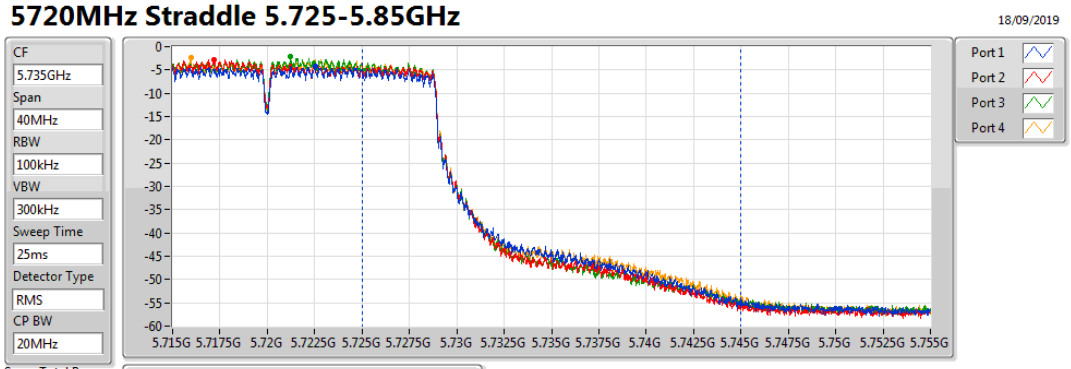
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.38	16.75	16.18	16.39	16.09

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

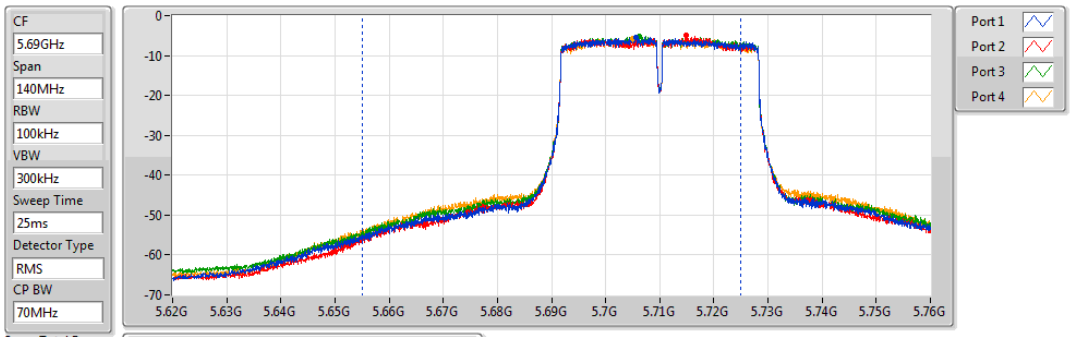
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.19	9.38	10.21	10.51	10.47

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

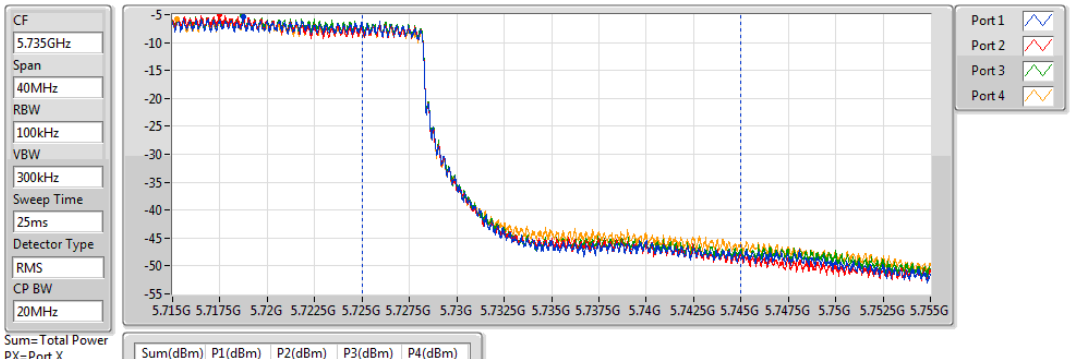
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.87	17.87	17.79	18.09	17.62

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

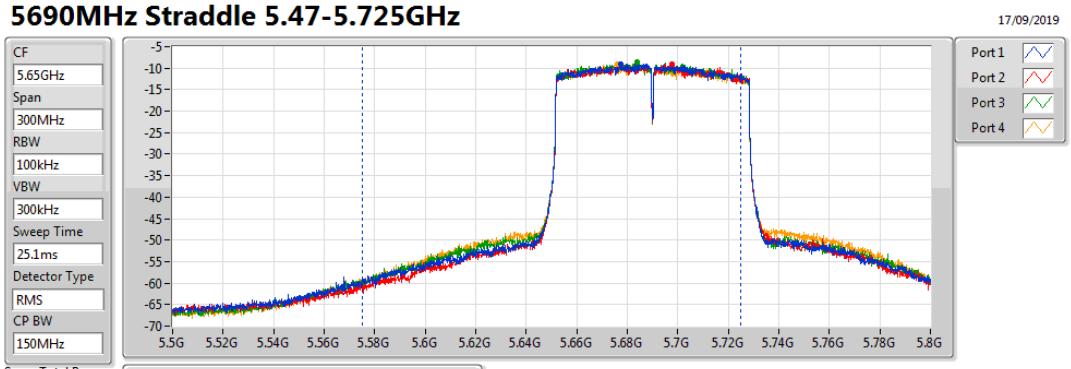
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.00	7.00	6.83	7.31	6.77

802.11ac VHT80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

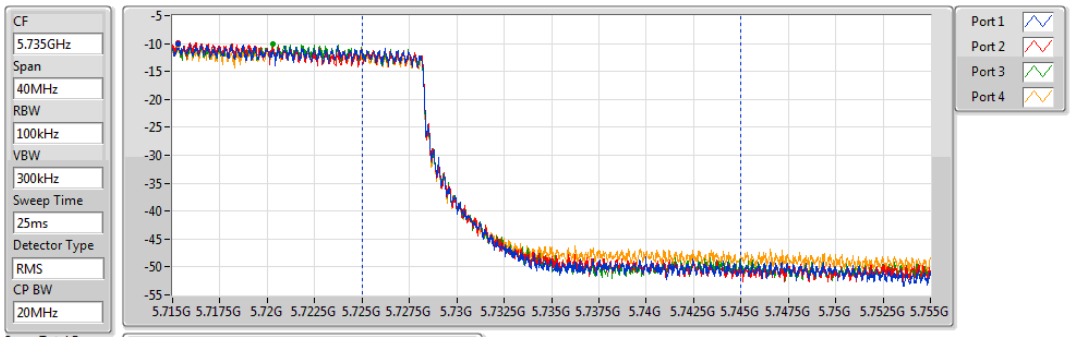


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.57	17.63	17.44	17.72	17.39

802.11ac VHT80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

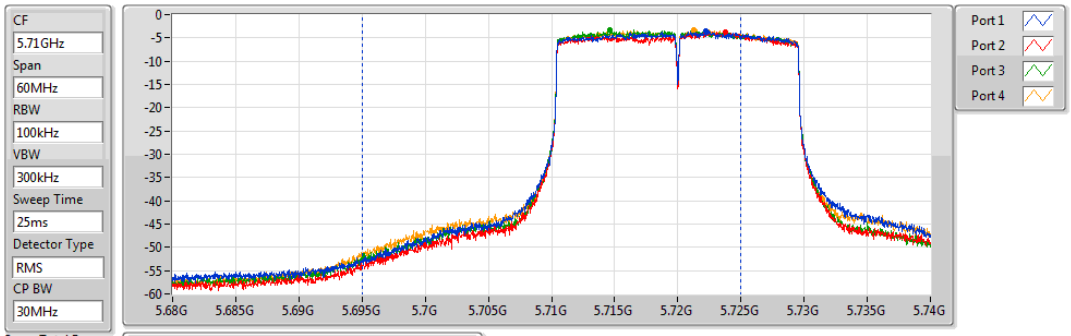


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.31	2.50	2.36	2.40	1.89

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

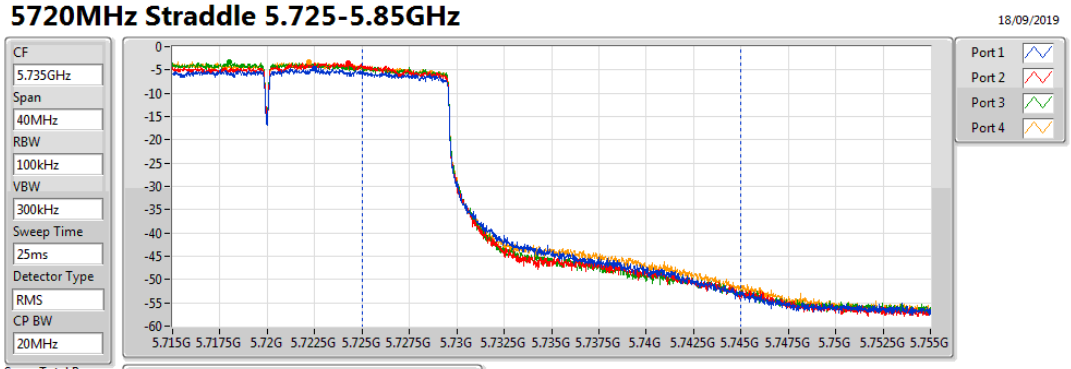


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.70	16.57	16.21	16.94	16.94

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

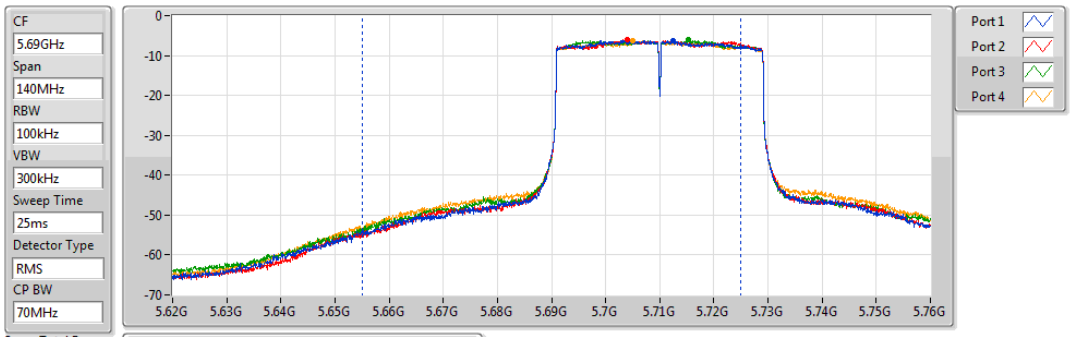
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.74	9.92	10.87	10.95	11.04

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

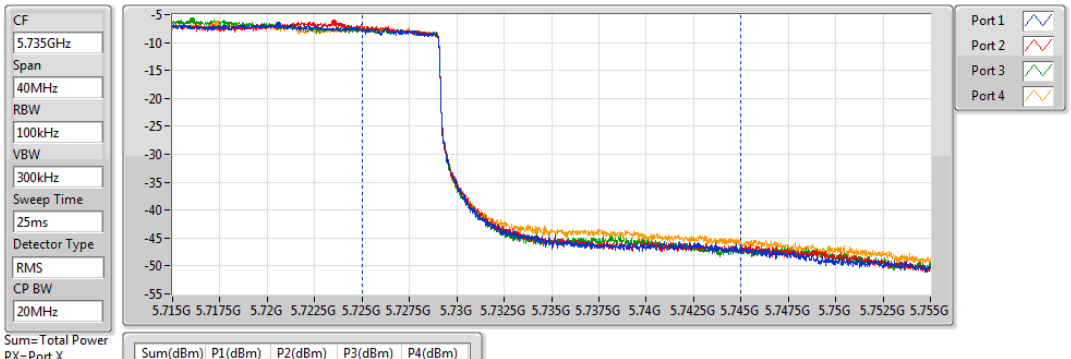
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.82	17.79	17.85	17.95	17.62

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

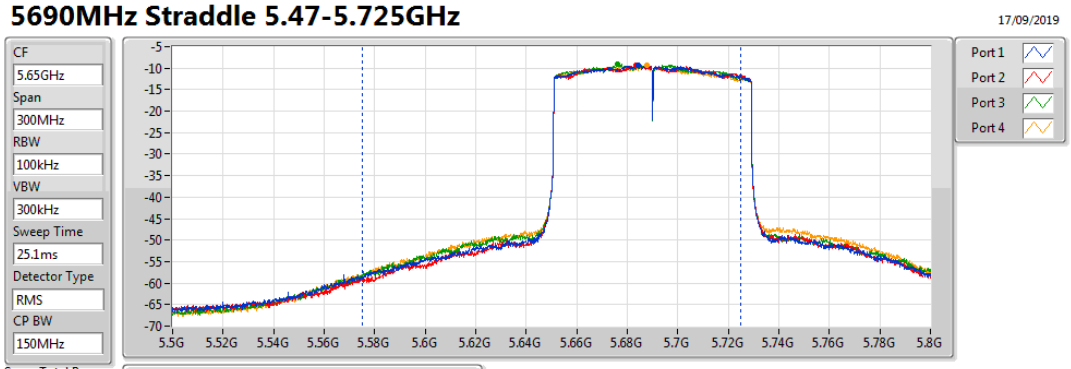
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.80	7.63	7.93	7.79	7.78

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

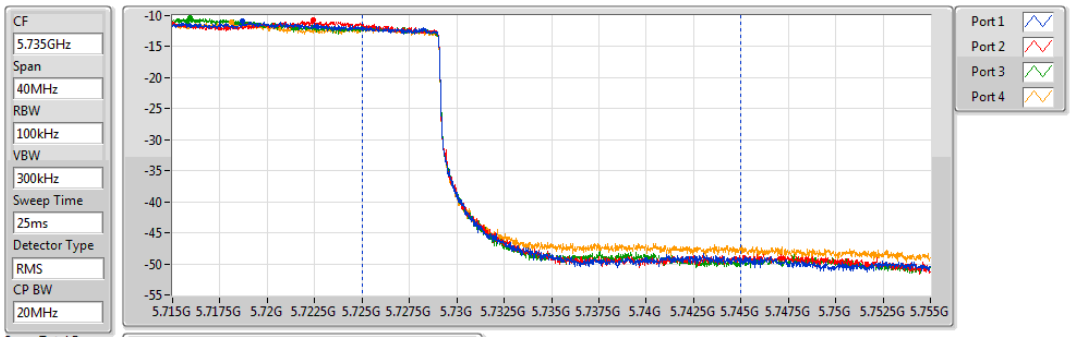


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.75	17.76	17.69	17.89	17.56

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.46	3.43	3.60	3.43	3.31

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	19.66	0.09247
802.11ax HEW80+80_Nss1,(MCS0)_4TX	19.72	0.09376
5.25-5.35GHz	-	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	19.68	0.09290
802.11ax HEW80+80_Nss1,(MCS0)_4TX	19.87	0.09705
5.47-5.725GHz	-	-
802.11ac VHT80+80_Nss2,(MCS0)_4TX	22.11	0.16255
802.11ax HEW80+80_Nss2,(MCS0)_4TX	22.25	0.16788

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	2.00	16.63	16.67			19.66	30.00	21.66	36.00
5210MHz,#5290MHz	Pass	2.00			16.47	16.86	19.68	23.98	21.68	30.00
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	2.00	15.69	16.00	16.46	16.16	22.11	23.98	24.11	30.00
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	2.00	16.77	16.65			19.72	30.00	21.72	36.00
5210MHz,#5290MHz	Pass	2.00			16.82	16.89	19.87	23.98	21.87	30.00
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	2.00	16.27	16.11	16.35	16.17	22.25	23.98	24.25	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	22.45	0.17579
802.11ax HEW40_Nss1,(MCS0)_4TX	20.45	0.11092
802.11ax HEW80_Nss1,(MCS0)_4TX	20.68	0.11695
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	22.31	0.17022
802.11ax HEW40_Nss1,(MCS0)_4TX	21.15	0.13032
802.11ax HEW80_Nss1,(MCS0)_4TX	21.41	0.13836
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	18.45	0.06998
802.11ax HEW40_Nss1,(MCS0)_4TX	14.49	0.02812
802.11ax HEW80_Nss1,(MCS0)_4TX	9.72	0.00938

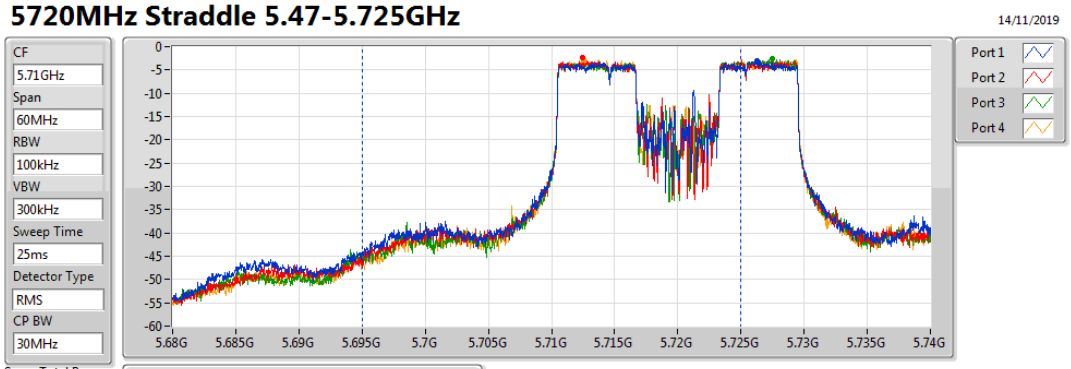
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	16.41	16.04	16.60	16.64	22.45	23.98
5300MHz	Pass	2.00	16.05	16.09	16.09	16.27	22.15	23.98
5320MHz	Pass	2.00	15.53	15.84	15.67	15.55	21.67	23.98
5500MHz	Pass	2.00	15.79	15.75	15.97	15.88	21.87	23.98
5580MHz	Pass	2.00	15.67	15.67	15.87	15.72	21.75	23.98
5700MHz	Pass	2.00	16.11	16.31	16.28	16.44	22.31	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	14.41	14.65	14.58	14.71	20.61	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	12.32	12.36	12.52	12.50	18.45	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	2.00	14.31	14.09	14.53	14.47	20.37	23.98
5310MHz	Pass	2.00	14.23	14.32	14.44	14.72	20.45	23.98
5510MHz	Pass	2.00	13.96	13.99	13.93	14.07	20.01	23.98
5550MHz	Pass	2.00	14.57	14.58	14.36	14.48	20.52	23.98
5670MHz	Pass	2.00	14.93	15.22	15.15	15.23	21.15	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	14.64	14.65	14.59	14.61	20.64	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	8.29	8.65	8.48	8.47	14.49	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	14.60	14.55	14.76	14.72	20.68	23.98
5530MHz	Pass	2.00	13.52	13.50	12.97	13.33	19.36	23.98
5610MHz	Pass	2.00	14.50	14.57	14.98	14.69	20.71	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	15.25	15.41	15.53	15.36	21.41	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	3.72	3.54	3.79	3.75	9.72	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

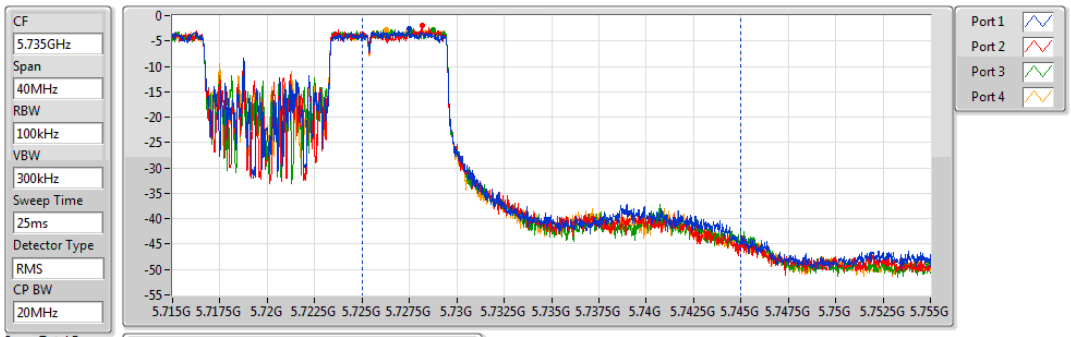


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.61	14.41	14.65	14.58	14.71

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

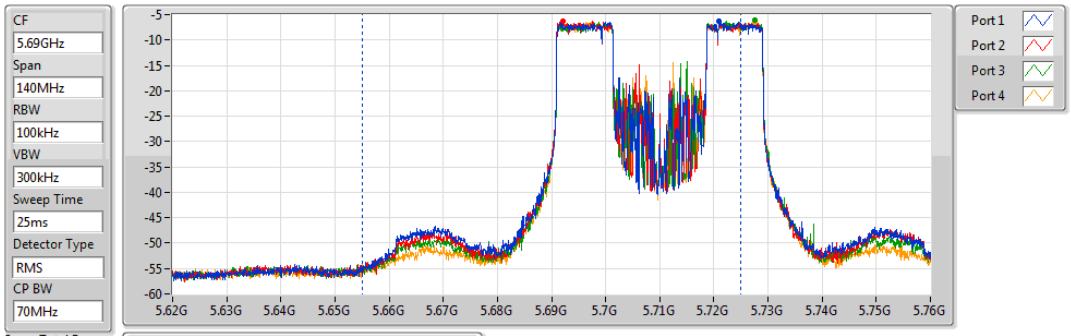


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.45	12.32	12.36	12.52	12.50

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

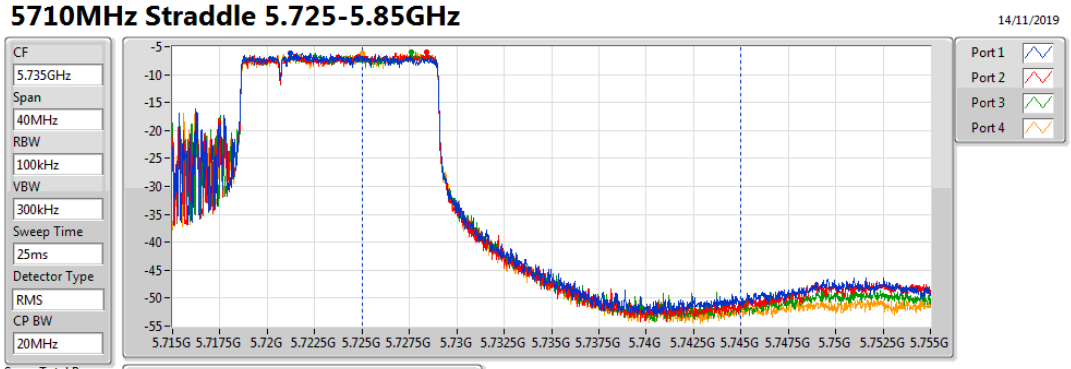


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.64	14.64	14.65	14.59	14.61

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

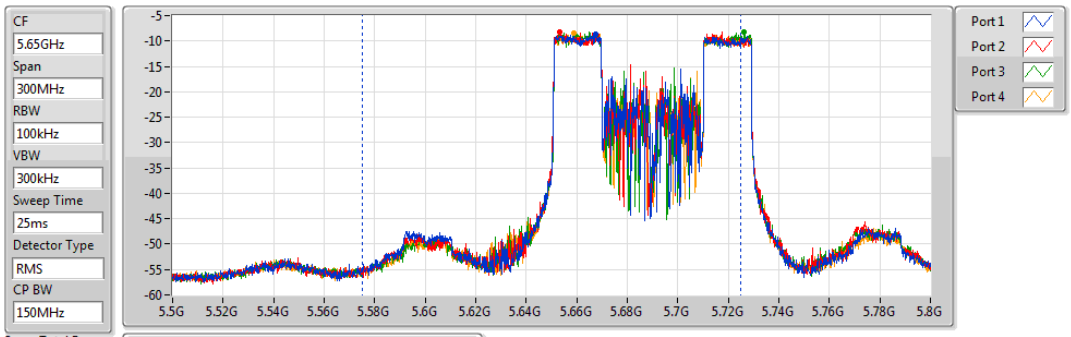


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.49	8.29	8.65	8.48	8.47

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

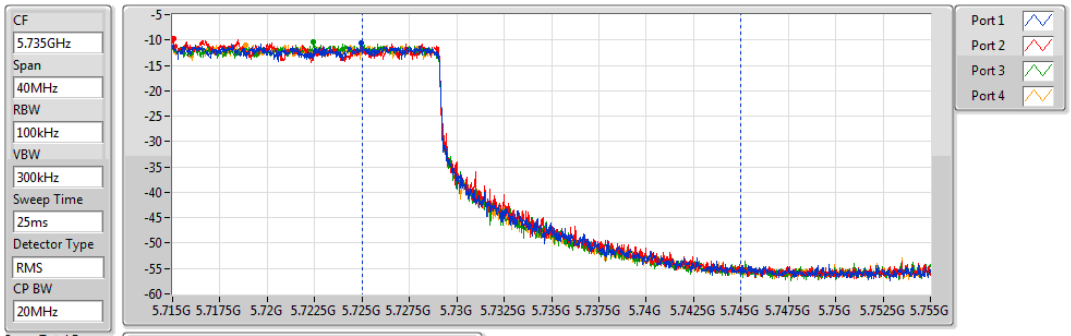


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.41	15.25	15.41	15.53	15.36

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.72	3.72	3.54	3.79	3.75

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	20.96	0.12474
802.11ax HEW40_Nss1,(MCS0)_4TX	20.37	0.10889
802.11ax HEW80_Nss1,(MCS0)_4TX	21.86	0.15346
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	21.46	0.13996
802.11ax HEW40_Nss1,(MCS0)_4TX	22.52	0.17865
802.11ax HEW80_Nss1,(MCS0)_4TX	23.23	0.21038
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	7.48	0.00560
802.11ax HEW40_Nss1,(MCS0)_4TX	-3.12	0.00049
802.11ax HEW80_Nss1,(MCS0)_4TX	-4.07	0.00039

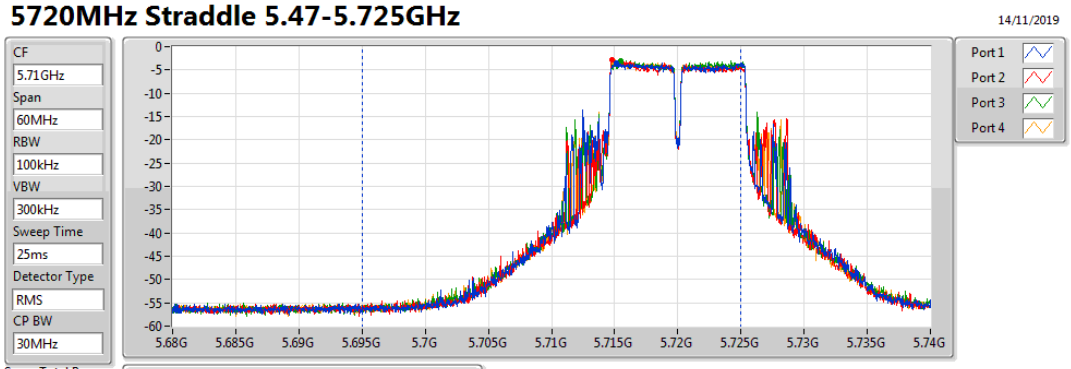
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	2.00	14.88	14.57	14.78	15.47	20.96	23.98
5300MHz	Pass	2.00	14.81	14.89	14.81	15.24	20.96	23.98
5320MHz	Pass	2.00	14.66	14.47	14.69	14.63	20.63	23.98
5500MHz	Pass	2.00	14.63	14.69	15.11	14.71	20.81	23.98
5580MHz	Pass	2.00	14.67	14.69	14.46	14.62	20.63	23.98
5700MHz	Pass	2.00	15.15	15.54	15.44	15.61	21.46	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.00	15.26	15.19	15.51	15.40	21.36	23.98
5720MHz Straddle 5.725-5.85GHz	Pass	2.00	1.36	1.10	1.64	1.72	7.48	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	2.00	14.15	13.97	14.39	14.57	20.30	23.98
5310MHz	Pass	2.00	13.70	14.47	14.57	14.61	20.37	23.98
5510MHz	Pass	2.00	14.01	14.23	14.02	14.13	20.12	23.98
5550MHz	Pass	2.00	14.50	14.36	14.35	14.47	20.44	23.98
5670MHz	Pass	2.00	15.00	15.45	15.28	15.17	21.25	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.00	16.34	16.56	16.37	16.70	22.52	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.00	-9.19	-8.16	-9.99	-9.41	-3.12	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	2.00	15.77	15.64	16.03	15.90	21.86	23.98
5530MHz	Pass	2.00	14.43	14.62	14.47	14.57	20.54	23.98
5610MHz	Pass	2.00	15.62	15.86	15.87	15.80	21.81	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.00	17.08	17.25	17.21	17.31	23.23	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.00	-9.83	-9.71	-10.30	-10.60	-4.07	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

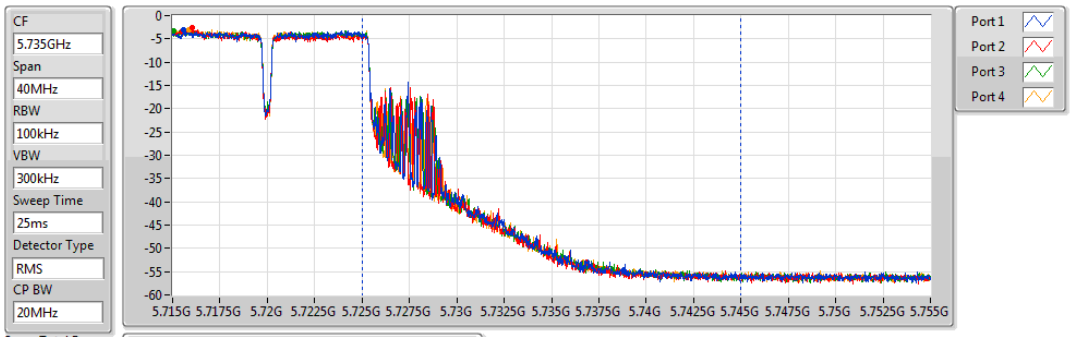


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.36	15.26	15.19	15.51	15.40

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

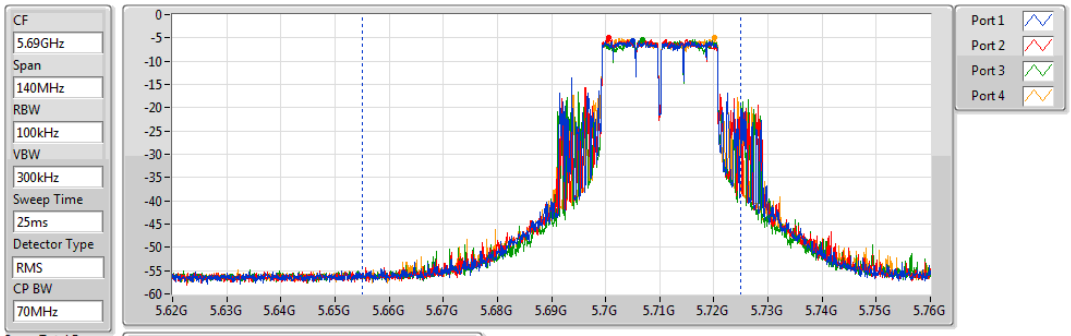


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.48	1.36	1.10	1.64	1.72

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

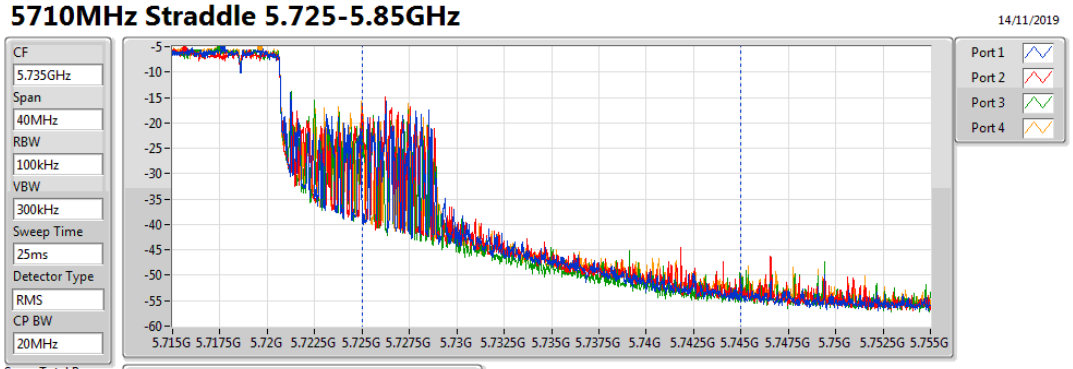


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.52	16.34	16.56	16.37	16.70

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

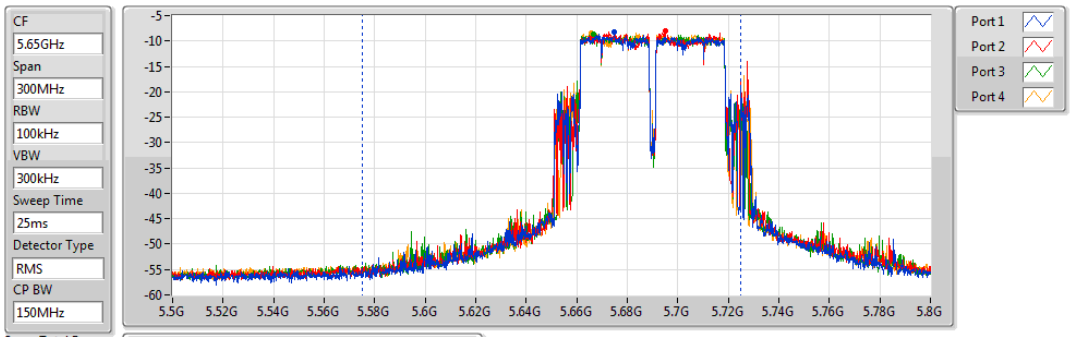


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
-3.12	-9.19	-8.16	-9.99	-9.41

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

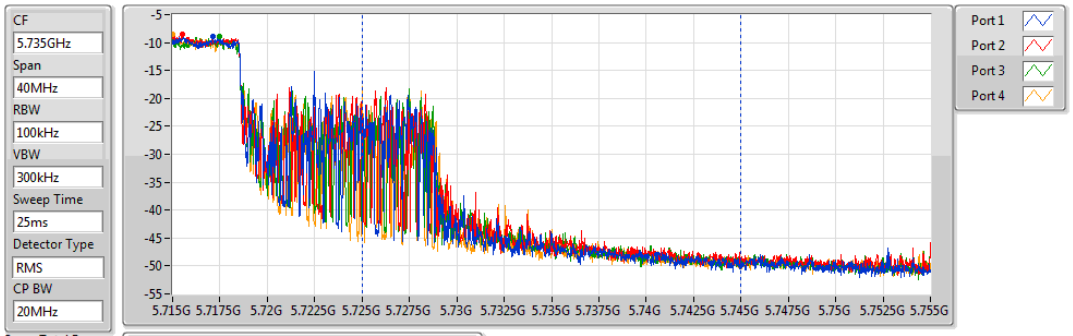


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.23	17.08	17.25	17.21	17.31

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
-4.07	-9.83	-9.71	-10.30	-10.60

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.77
802.11ac VHT20_Nss1,(MCS0)_4TX	14.28
802.11ac VHT40_Nss1,(MCS0)_4TX	11.78
802.11ac VHT80_Nss1,(MCS0)_4TX	3.52
802.11ax HEW20_Nss1,(MCS0)_4TX	14.24
802.11ax HEW40_Nss1,(MCS0)_4TX	11.74
802.11ax HEW80_Nss1,(MCS0)_4TX	3.69
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.04
802.11ac VHT20_Nss1,(MCS0)_4TX	9.88
802.11ac VHT40_Nss1,(MCS0)_4TX	8.66
802.11ac VHT80_Nss1,(MCS0)_4TX	2.70
802.11ax HEW20_Nss1,(MCS0)_4TX	9.58
802.11ax HEW40_Nss1,(MCS0)_4TX	8.49
802.11ax HEW80_Nss1,(MCS0)_4TX	2.90

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

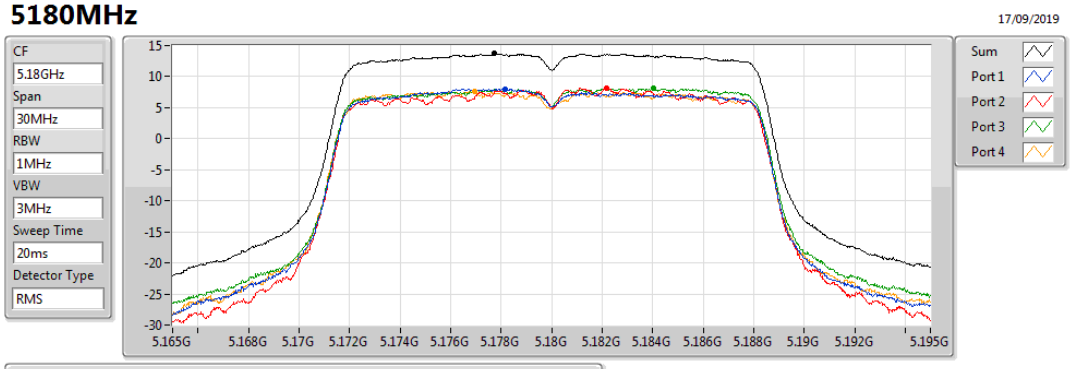
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.01	8.02	8.19	8.06	7.62	13.70	17.00
5200MHz	Pass	5.01	8.44	9.12	9.33	8.69	14.77	17.00
5240MHz	Pass	5.01	8.82	8.98	9.13	9.11	14.71	17.00
5745MHz	Pass	5.01	3.37	2.99	3.46	3.27	9.04	30.00
5785MHz	Pass	5.01	3.39	3.34	3.73	3.21	9.00	30.00
5825MHz	Pass	5.01	2.87	3.60	3.12	2.77	8.72	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.01	6.81	6.37	7.31	6.19	12.62	17.00
5200MHz	Pass	5.01	7.49	8.54	8.78	8.60	14.20	17.00
5240MHz	Pass	5.01	7.51	9.01	8.96	8.59	14.28	17.00
5745MHz	Pass	5.01	4.04	3.94	3.90	3.87	9.78	30.00
5785MHz	Pass	5.01	3.76	4.01	4.21	4.22	9.88	30.00
5825MHz	Pass	5.01	3.42	3.92	3.92	3.76	9.44	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.01	2.00	2.42	1.97	1.69	7.88	17.00
5230MHz	Pass	5.01	6.13	5.88	6.04	5.69	11.78	17.00
5755MHz	Pass	5.01	2.71	3.02	3.20	2.65	8.58	30.00
5795MHz	Pass	5.01	2.70	2.75	2.96	2.75	8.66	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.01	-1.92	-2.29	-2.28	-2.38	3.52	17.00
5775MHz	Pass	5.01	-3.03	-3.09	-2.83	-3.08	2.70	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.01	6.93	6.54	7.01	6.63	12.42	17.00
5200MHz	Pass	5.01	7.35	8.55	8.89	8.28	14.22	17.00
5240MHz	Pass	5.01	7.24	8.82	8.70	8.83	14.24	17.00
5745MHz	Pass	5.01	3.86	3.60	3.87	3.58	9.58	30.00
5785MHz	Pass	5.01	3.71	4.18	4.24	3.81	9.58	30.00
5825MHz	Pass	5.01	3.52	3.71	3.88	3.60	9.44	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.01	1.93	1.69	1.89	1.76	7.50	17.00
5230MHz	Pass	5.01	5.90	5.81	6.24	6.08	11.74	17.00
5755MHz	Pass	5.01	2.89	2.76	2.97	2.81	8.49	30.00
5795MHz	Pass	5.01	2.83	2.40	2.93	2.64	8.48	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.01	-1.60	-2.00	-2.18	-2.15	3.69	17.00
5775MHz	Pass	5.01	-3.11	-2.86	-2.93	-3.03	2.90	30.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

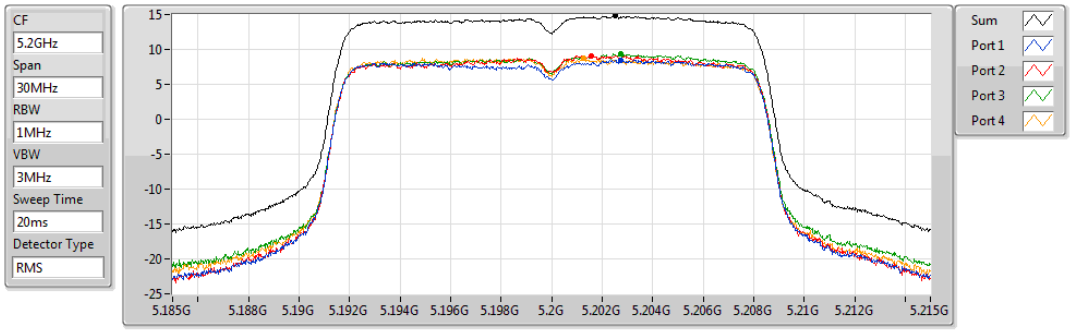
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.70	13.70	8.02	8.19	8.06	7.62

802.11a_Nss1,(6Mbps)_4TX PSD

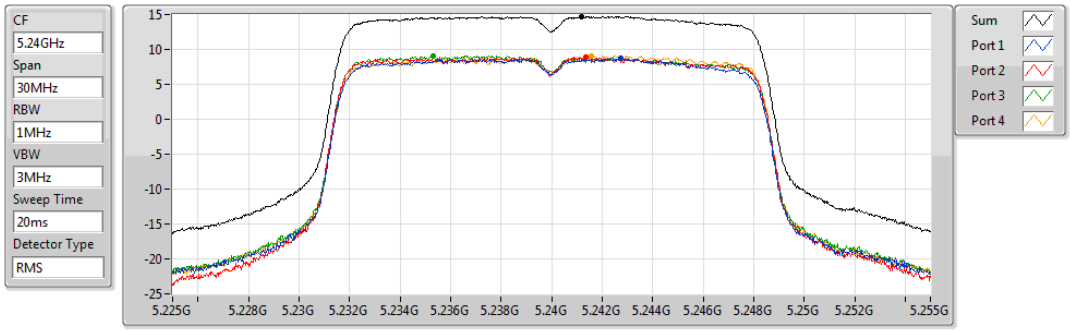
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.77	14.77	8.44	9.12	9.33	8.69

802.11a_Nss1,(6Mbps)_4TX PSD

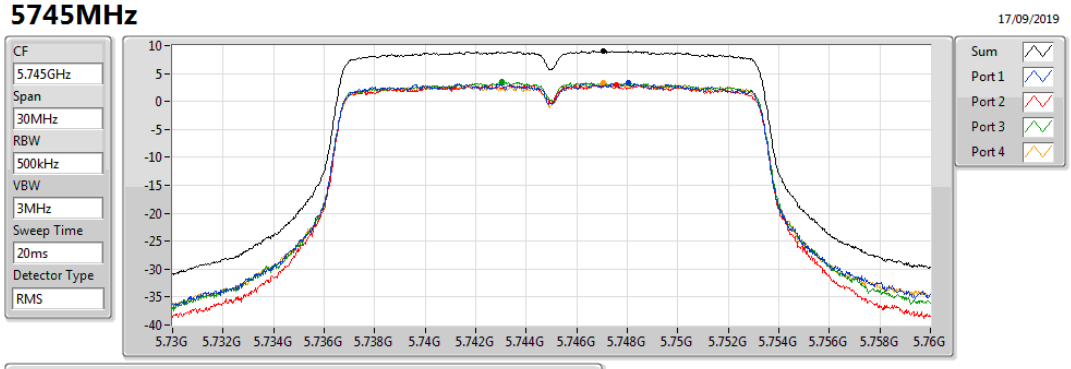
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.71	14.71	8.82	8.98	9.13	9.11

802.11a_Nss1,(6Mbps)_4TX PSD

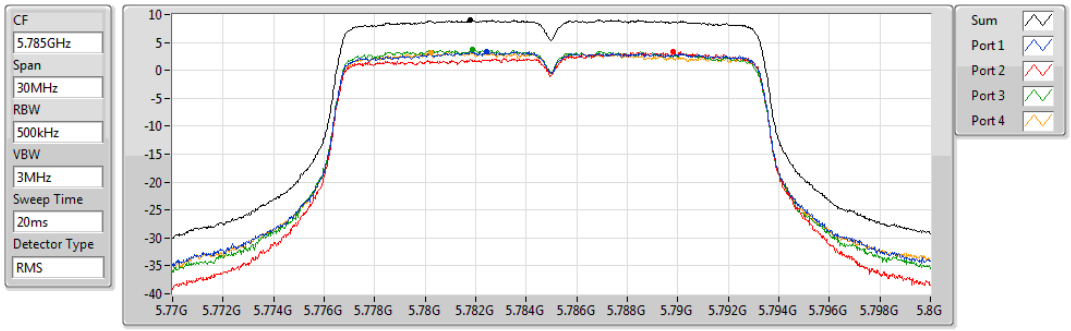
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	3.37	2.99	3.46	3.27

802.11a_Nss1,(6Mbps)_4TX PSD

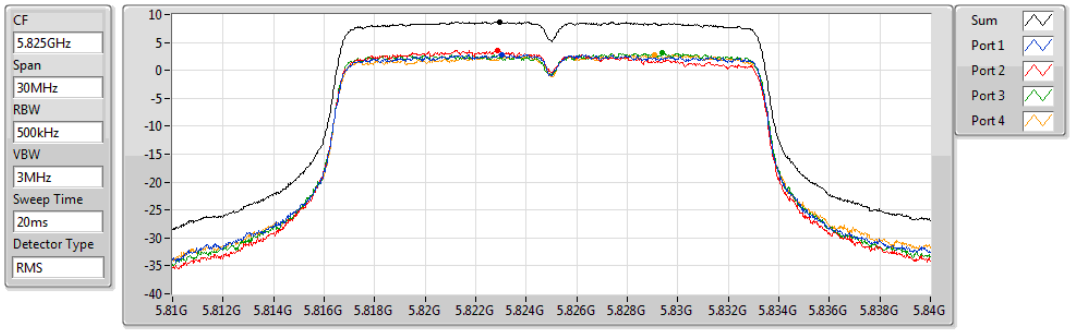
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.00	9.00	3.39	3.34	3.73	3.21

802.11a_Nss1,(6Mbps)_4TX PSD

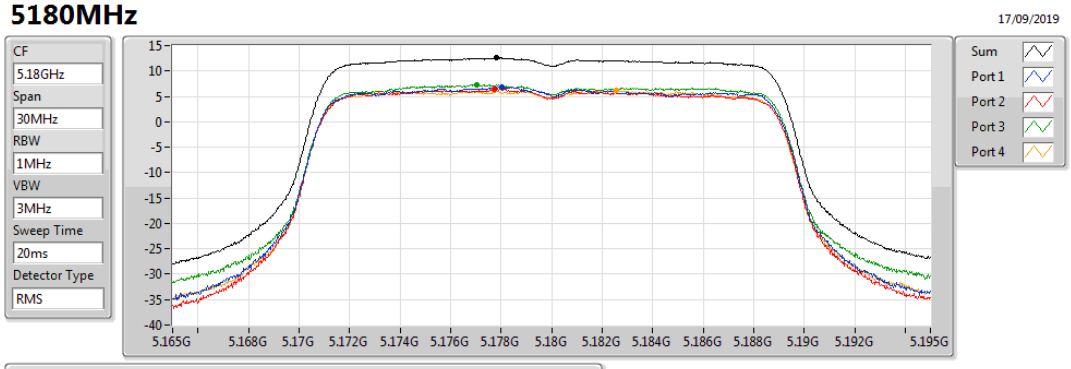
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	2.87	3.60	3.12	2.77

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

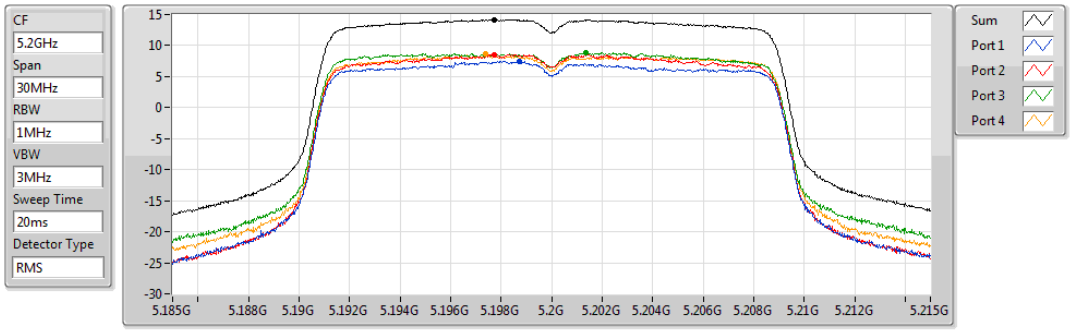
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.62	12.62	6.81	6.37	7.31	6.19

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

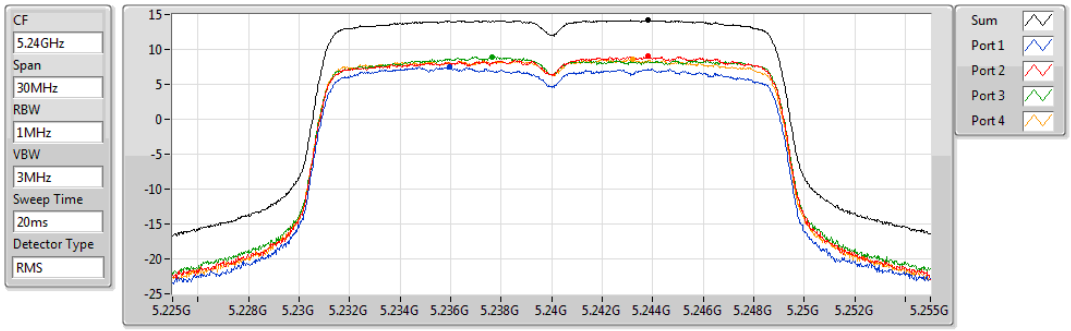
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.20	14.20	7.49	8.54	8.78	8.60

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

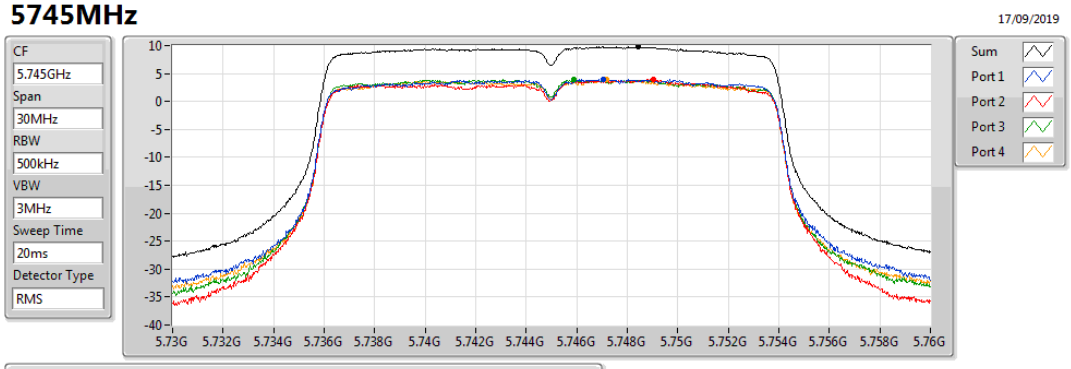
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.28	14.28	7.51	9.01	8.96	8.59

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

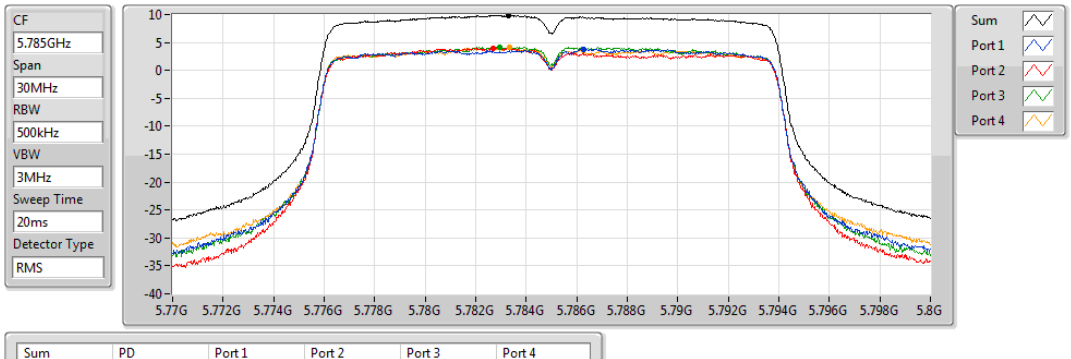
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	4.04	3.94	3.90	3.87

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

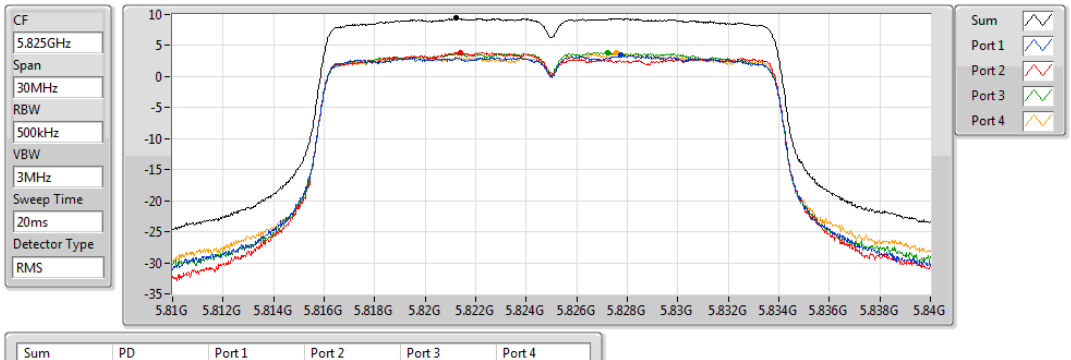
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.88	9.88	3.76	4.01	4.21	4.22

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

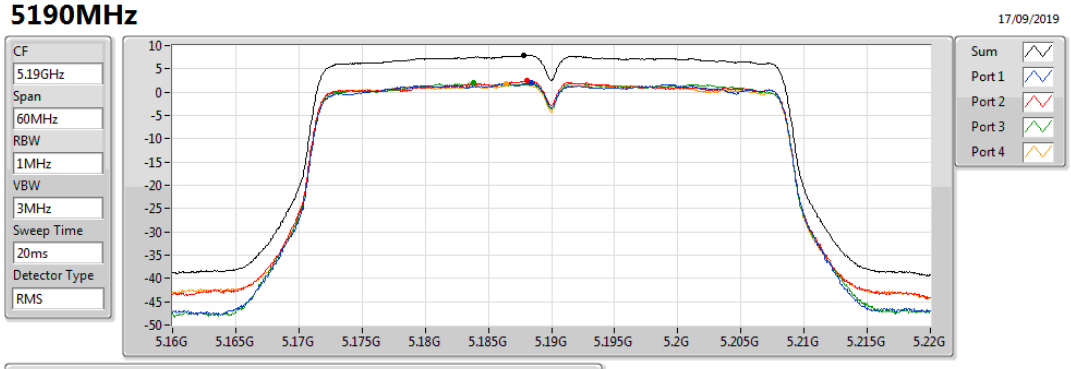
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.44	9.44	3.42	3.92	3.92	3.76

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

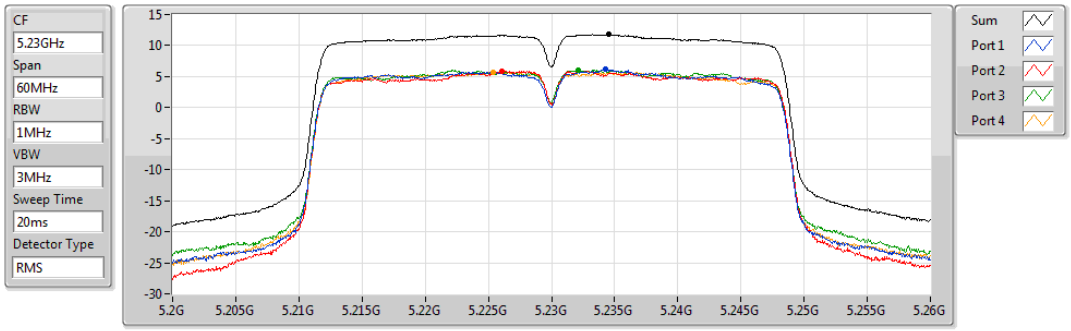
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	2.00	2.42	1.97	1.69

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

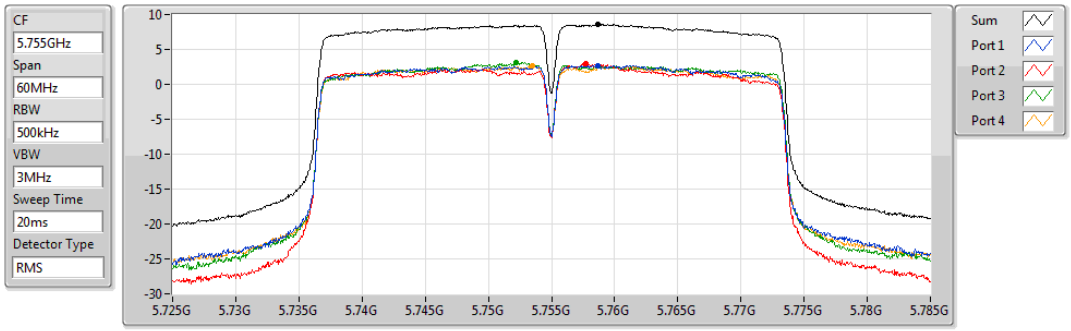
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.78	11.78	6.13	5.88	6.04	5.69

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

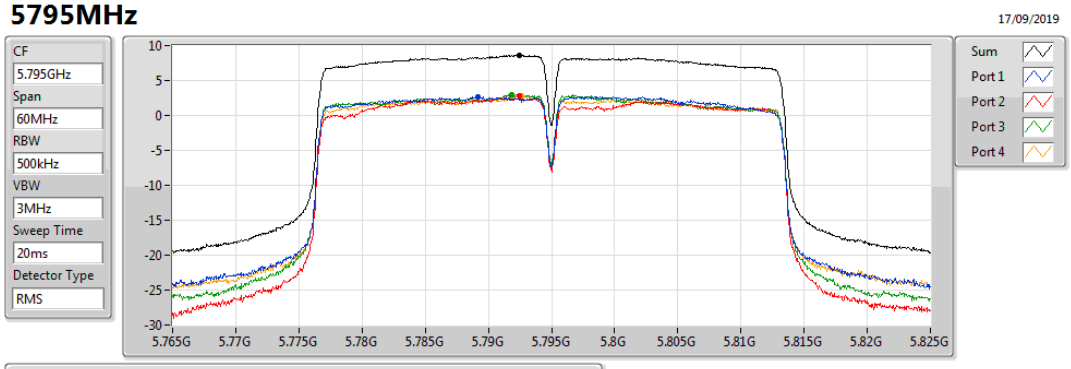
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.58	8.58	2.71	3.02	3.20	2.65

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

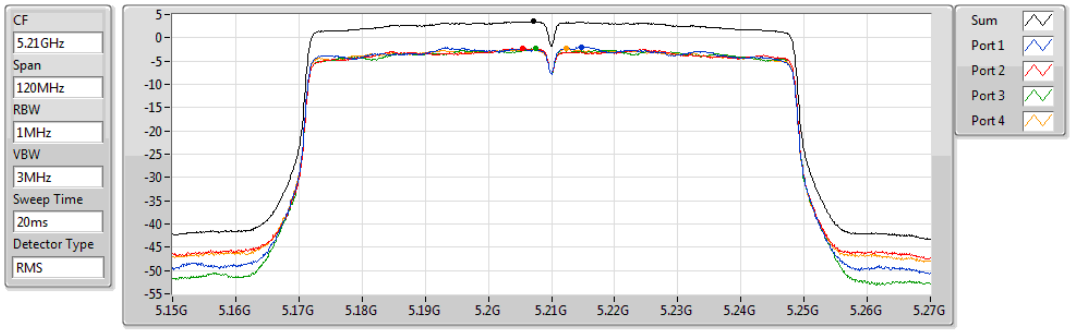
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	2.70	2.75	2.96	2.75

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

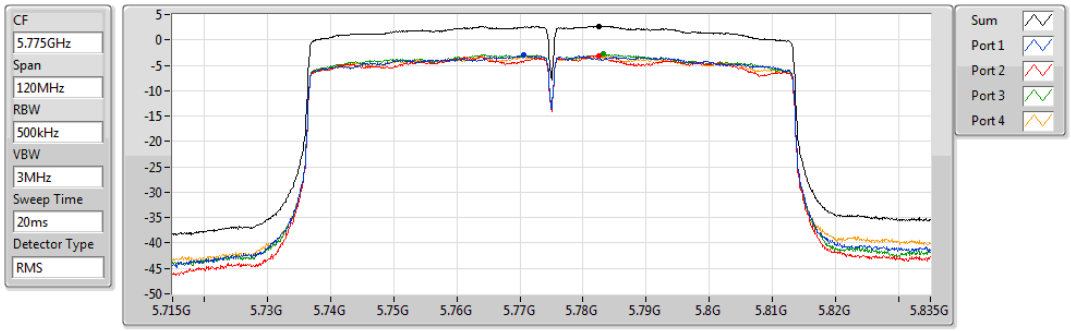
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.52	3.52	-1.92	-2.29	-2.28	-2.38

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

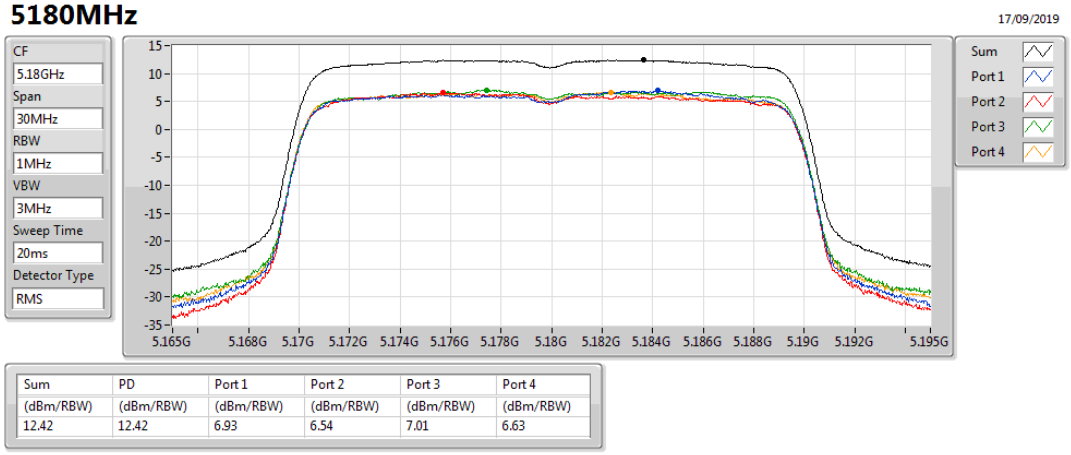
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.70	2.70	-3.03	-3.09	-2.83	-3.08

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

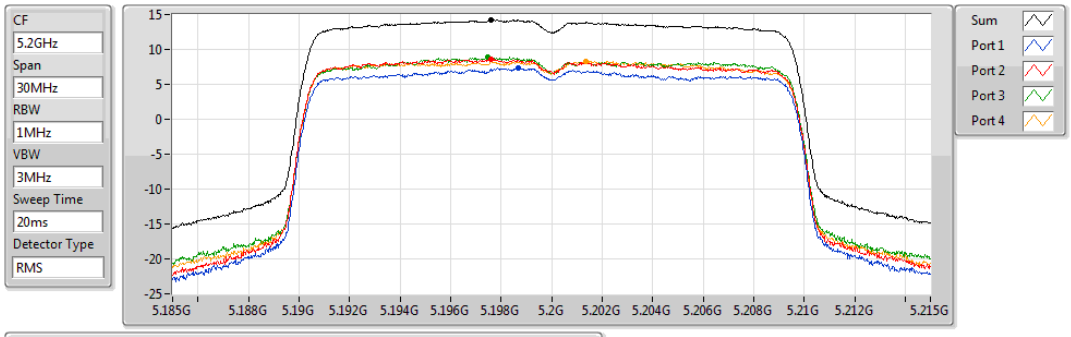
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.42	12.42	6.93	6.54	7.01	6.63

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

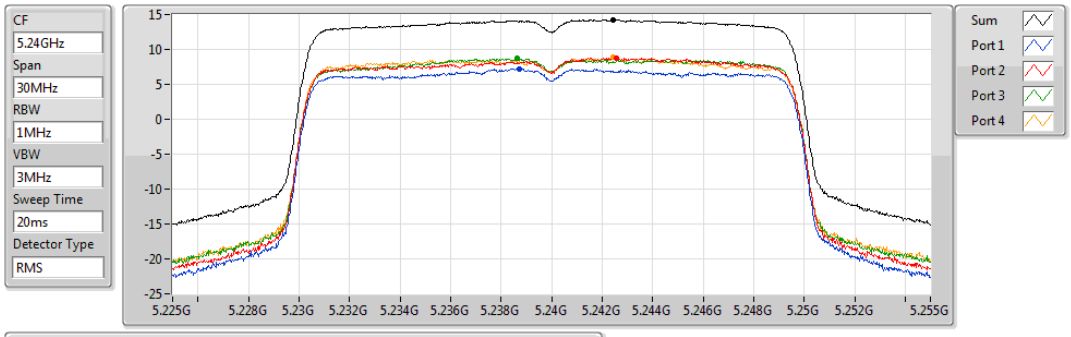
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.22	14.22	7.35	8.55	8.89	8.28

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

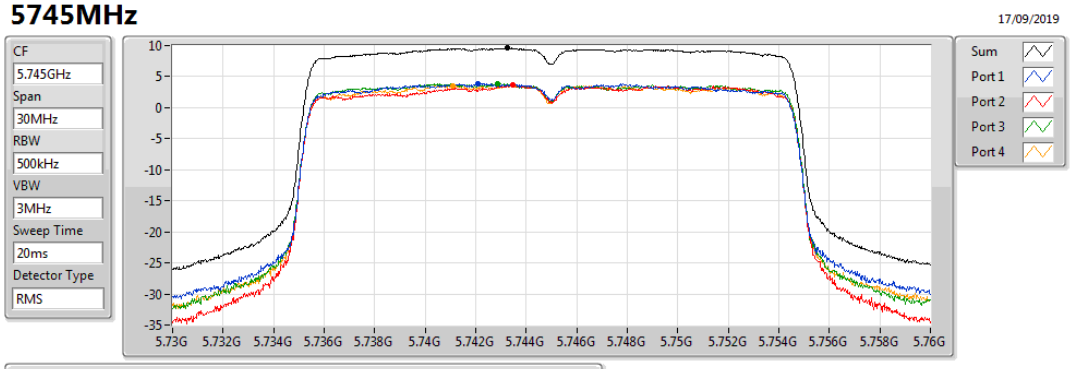
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.24	14.24	7.24	8.82	8.70	8.83

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

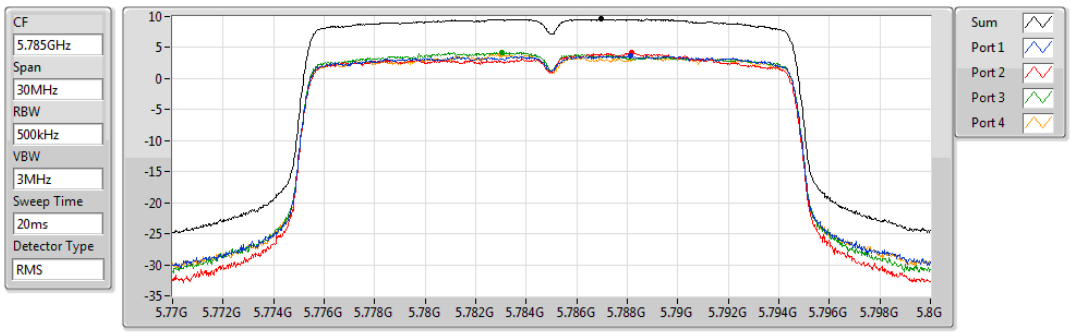
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.58	9.58	3.86	3.60	3.87	3.58

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

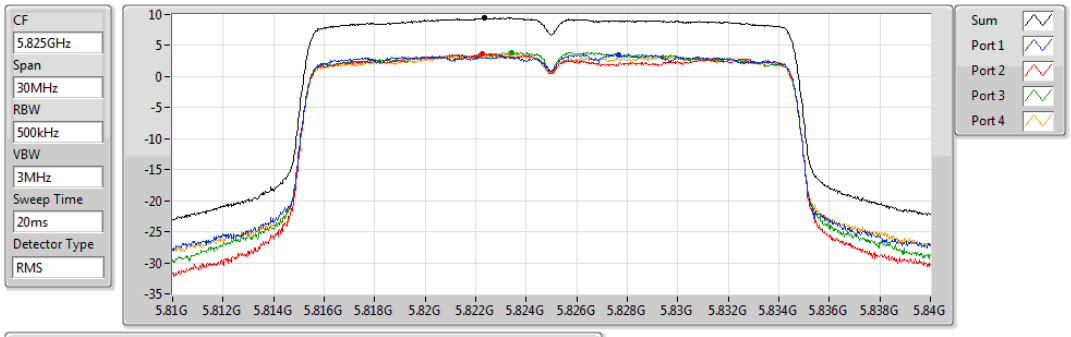
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.58	9.58	3.71	4.18	4.24	3.81

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

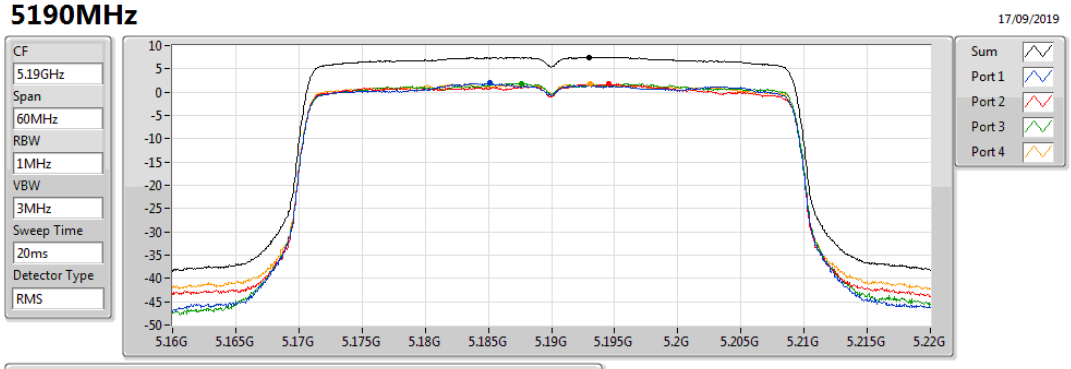
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.44	9.44	3.52	3.71	3.88	3.60

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

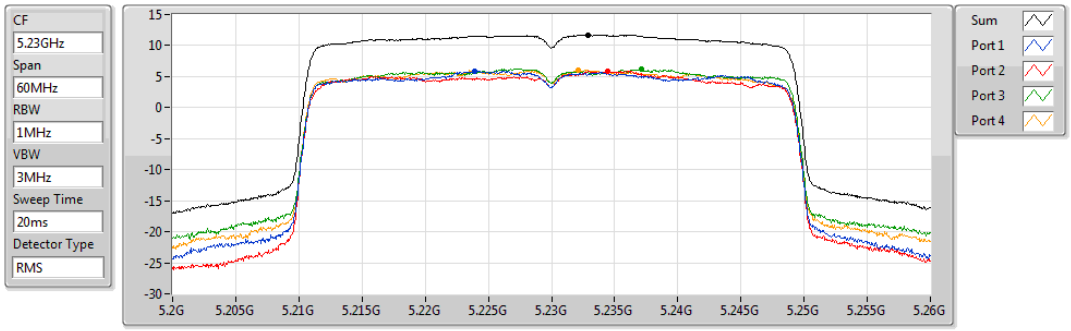
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	1.93	1.69	1.89	1.76

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

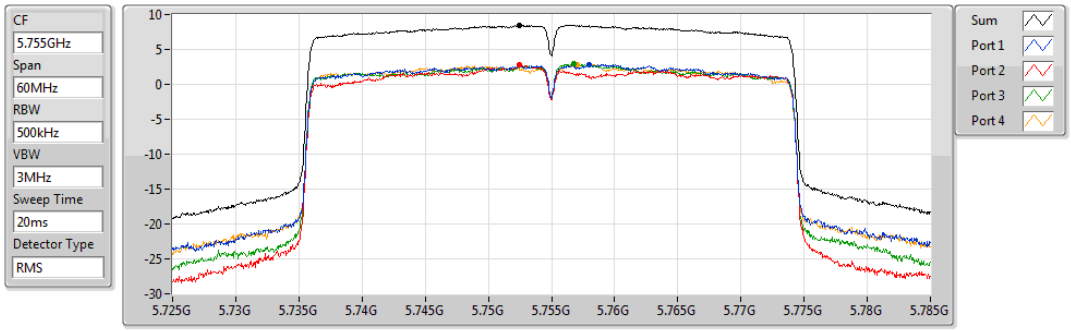
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.74	11.74	5.90	5.81	6.24	6.08

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

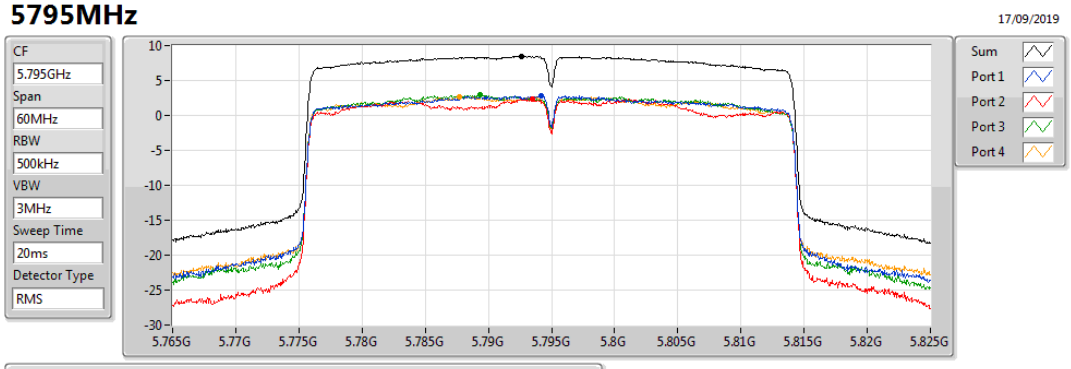
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.49	8.49	2.89	2.76	2.97	2.81

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

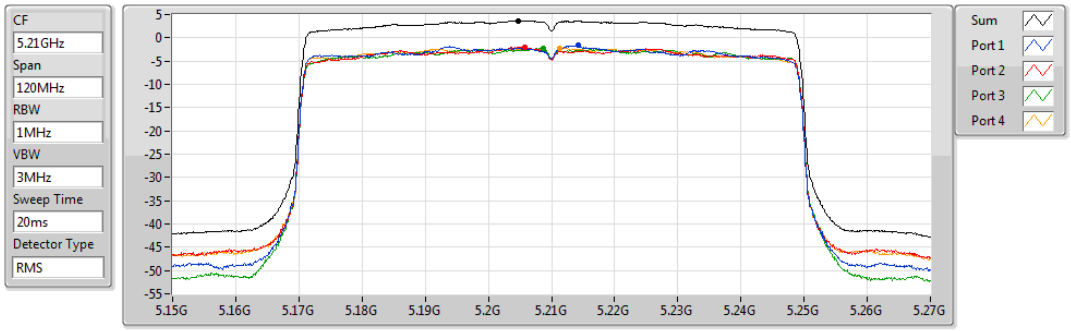
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.48	8.48	2.83	2.40	2.93	2.64

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

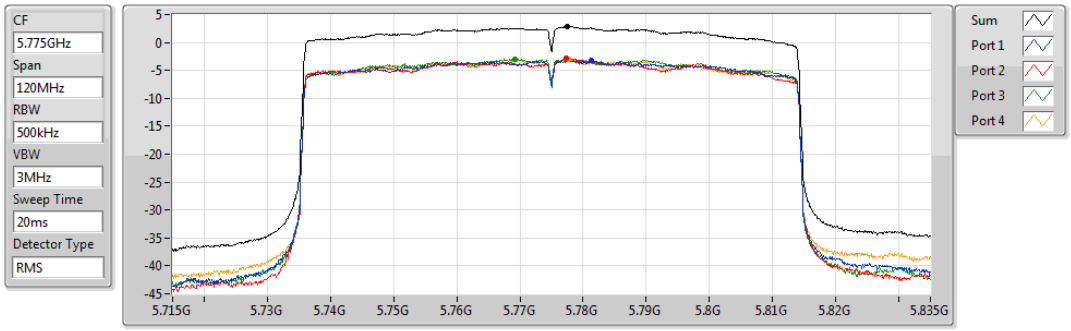
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.69	3.69	-1.60	-2.00	-2.18	-2.15

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.90	2.90	-3.11	-2.86	-2.93	-3.03

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	14.00
802.11ax HEW40_Nss1,(MCS0)_4TX	11.45
802.11ax HEW80_Nss1,(MCS0)_4TX	3.69
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	9.55
802.11ax HEW40_Nss1,(MCS0)_4TX	8.34
802.11ax HEW80_Nss1,(MCS0)_4TX	2.64

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

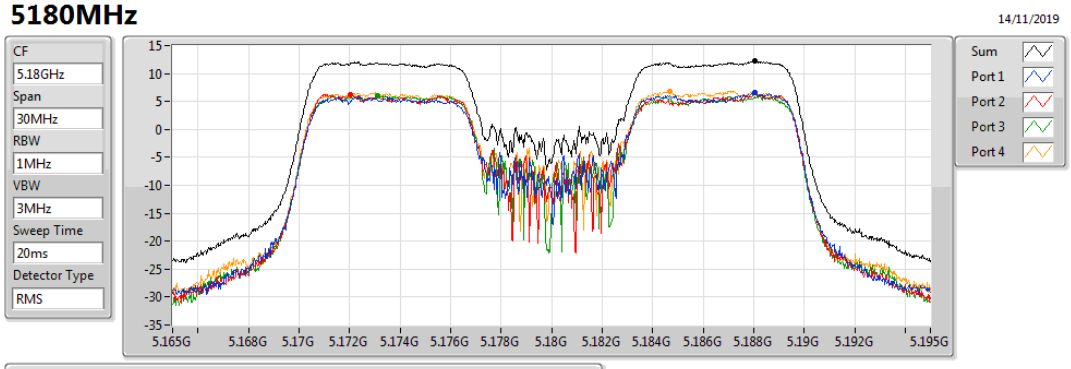
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.01	6.58	6.30	5.99	6.82	12.29	17.00
5200MHz	Pass	5.01	7.88	7.84	8.43	8.52	13.88	17.00
5240MHz	Pass	5.01	8.12	8.16	8.59	8.82	14.00	17.00
5745MHz	Pass	5.01	3.71	4.19	3.94	3.80	9.37	30.00
5785MHz	Pass	5.01	3.60	4.16	3.52	4.07	9.55	30.00
5825MHz	Pass	5.01	3.53	3.93	3.41	3.58	9.16	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.01	1.39	1.74	1.60	1.71	7.23	17.00
5230MHz	Pass	5.01	5.60	5.64	5.71	5.76	11.45	17.00
5755MHz	Pass	5.01	2.66	2.47	2.53	2.35	8.34	30.00
5795MHz	Pass	5.01	2.74	2.72	2.84	2.61	8.31	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.01	-2.23	-1.62	-1.88	-1.80	3.69	17.00
5775MHz	Pass	5.01	-3.06	-2.74	-2.82	-2.81	2.64	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

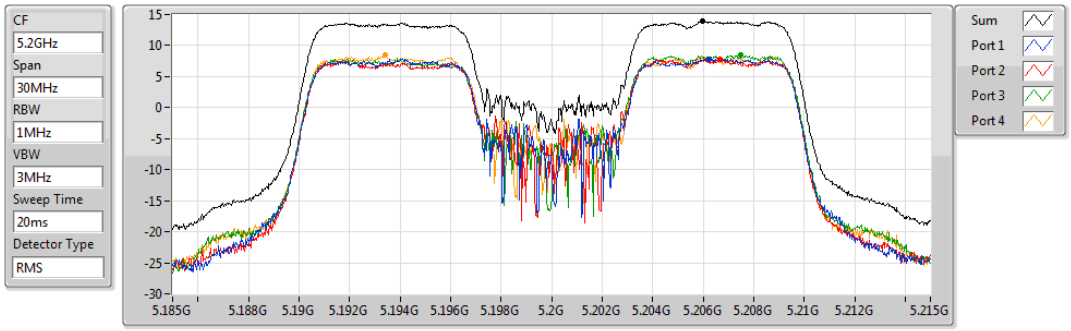
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.29	12.29	6.58	6.30	5.99	6.82

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

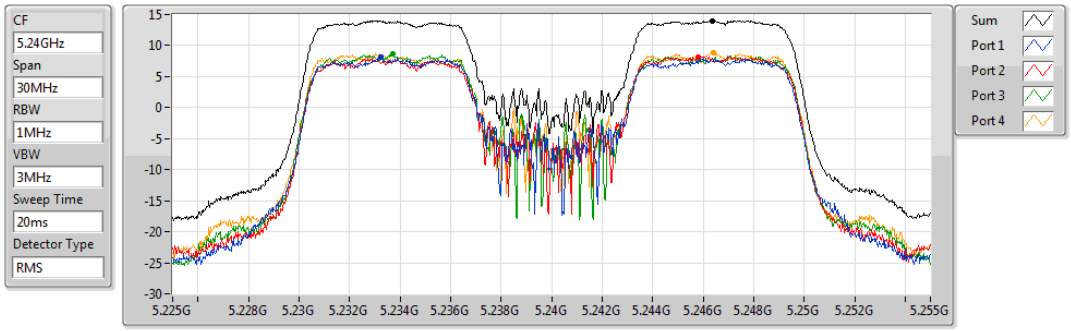
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.88	13.88	7.88	7.84	8.43	8.52

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.00	14.00	8.12	8.16	8.59	8.82

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5745MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.37	9.37	3.71	4.19	3.94	3.80

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5785MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.55	9.55	3.60	4.16	3.52	4.07

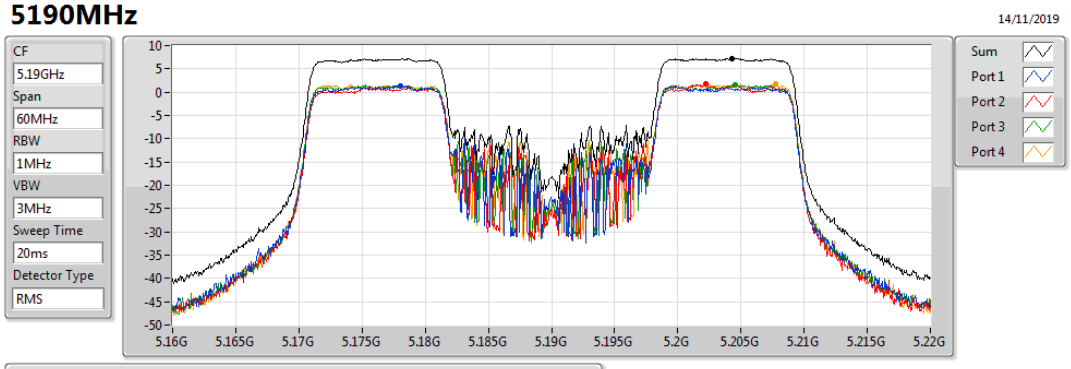
802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5825MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.16	9.16	3.53	3.93	3.41	3.58

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

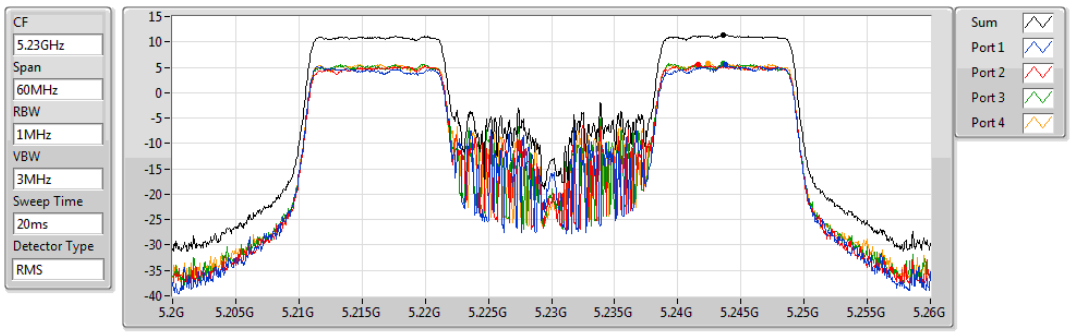
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	1.39	1.74	1.60	1.71

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

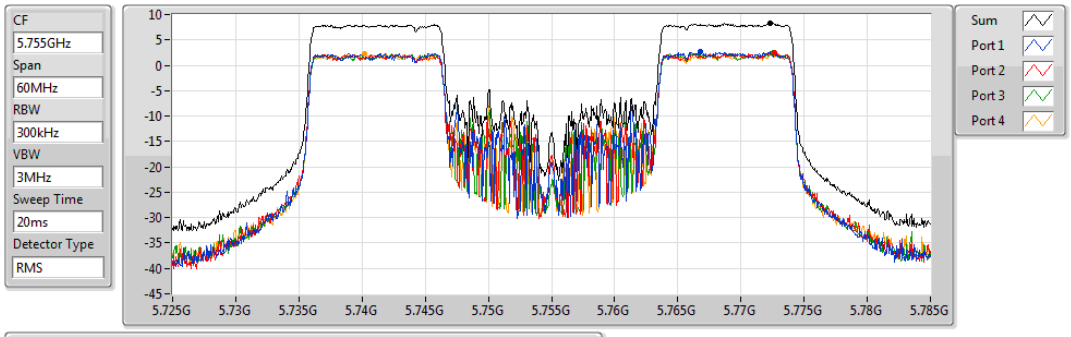
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.45	11.45	5.60	5.64	5.71	5.76

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

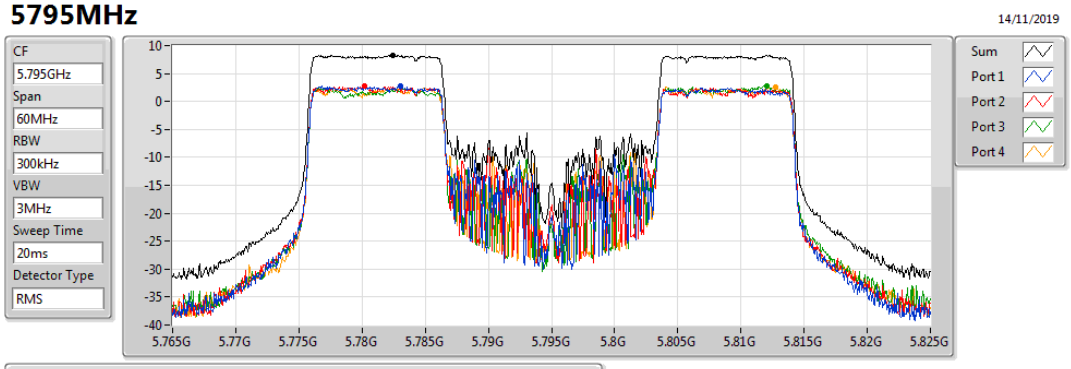
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	2.66	2.47	2.53	2.35

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

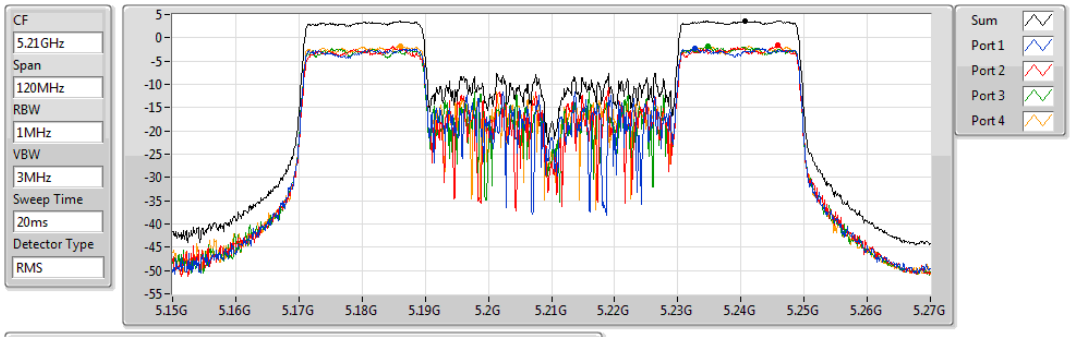
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.31	8.31	2.74	2.72	2.84	2.61

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

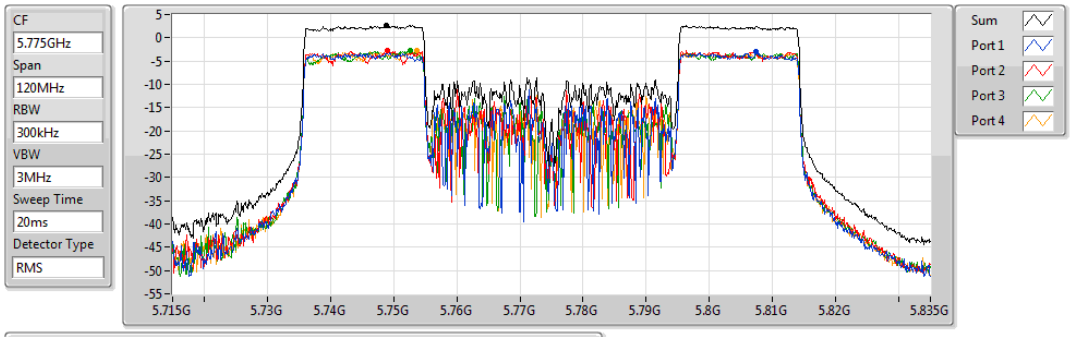
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.69	3.69	-2.23	-1.62	-1.88	-1.80

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.64	2.64	-3.06	-2.74	-2.82	-2.81

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	14.14
802.11ax HEW40_Nss1,(MCS0)_4TX	11.67
802.11ax HEW80_Nss1,(MCS0)_4TX	3.28
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	9.38
802.11ax HEW40_Nss1,(MCS0)_4TX	8.38
802.11ax HEW80_Nss1,(MCS0)_4TX	2.69

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

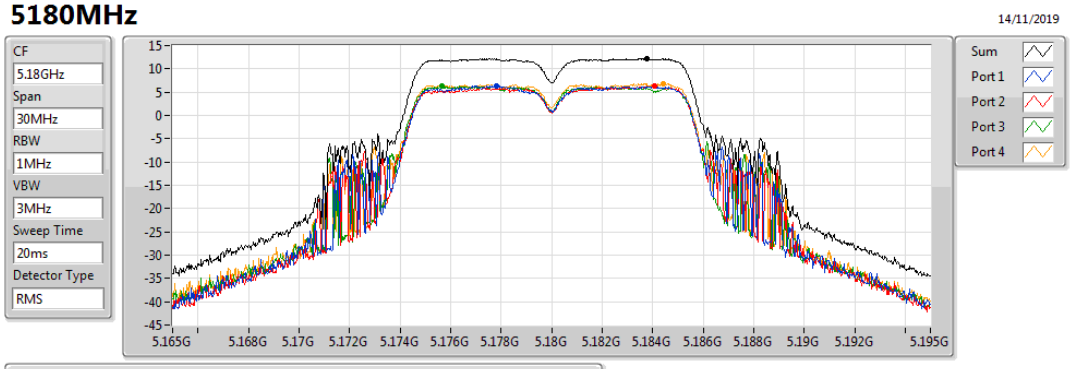
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.01	6.40	6.30	6.30	6.88	12.22	17.00
5200MHz	Pass	5.01	8.03	8.59	8.31	8.86	14.13	17.00
5240MHz	Pass	5.01	8.15	8.20	8.45	8.82	14.14	17.00
5745MHz	Pass	5.01	3.65	3.69	3.54	3.58	9.38	30.00
5785MHz	Pass	5.01	3.21	4.06	3.02	3.44	9.19	30.00
5825MHz	Pass	5.01	3.17	3.74	3.34	3.57	9.03	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.01	1.66	1.58	1.53	2.10	7.40	17.00
5230MHz	Pass	5.01	5.76	5.78	6.38	6.21	11.67	17.00
5755MHz	Pass	5.01	2.52	2.41	2.50	2.46	8.11	30.00
5795MHz	Pass	5.01	2.55	2.89	2.51	2.84	8.38	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.01	-2.48	-2.71	-2.29	-2.40	3.28	17.00
5775MHz	Pass	5.01	-2.92	-2.57	-2.86	-2.86	2.69	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

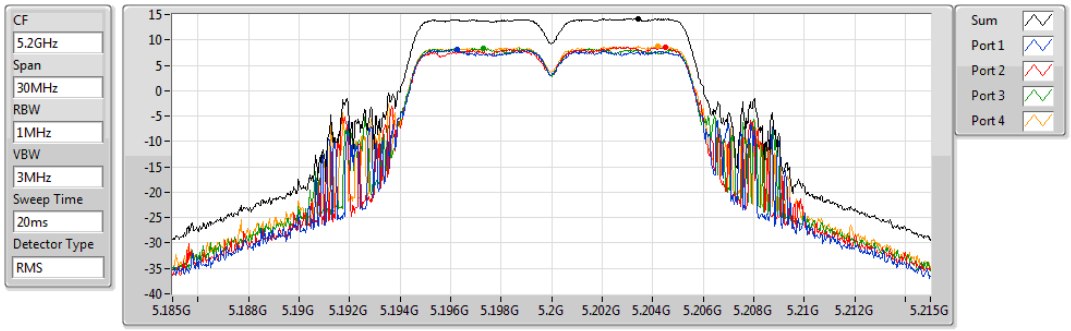
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.22	12.22	6.40	6.30	6.30	6.88

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

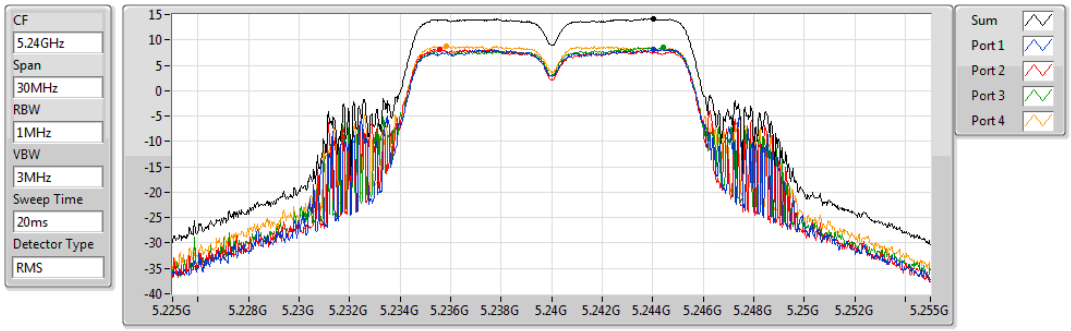
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.13	14.13	8.03	8.59	8.31	8.86

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

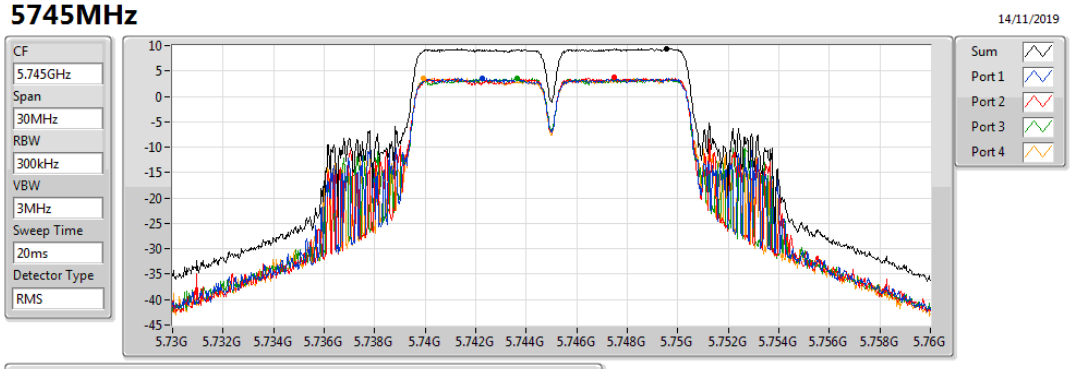
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.14	14.14	8.15	8.20	8.45	8.82

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

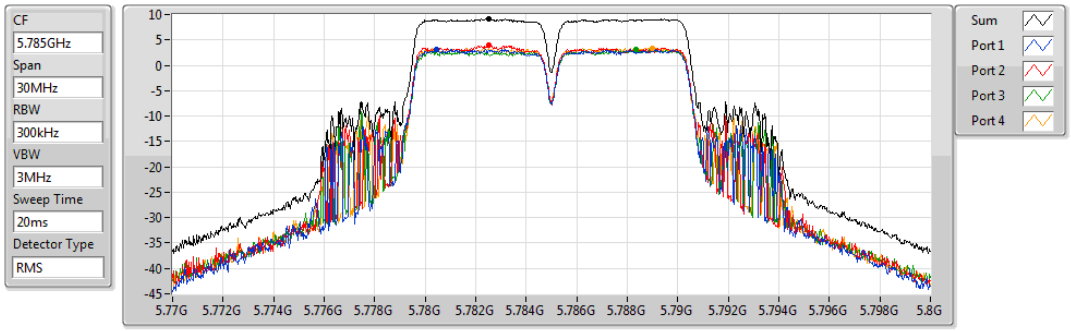
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	3.65	3.69	3.54	3.58

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

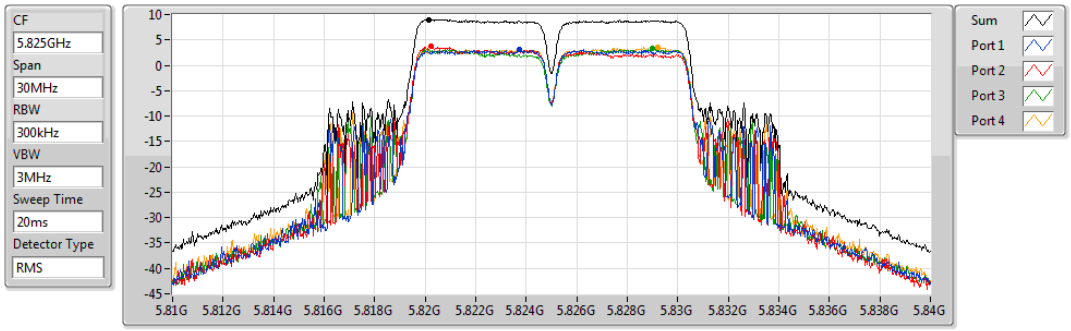
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.19	9.19	3.21	4.06	3.02	3.44

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

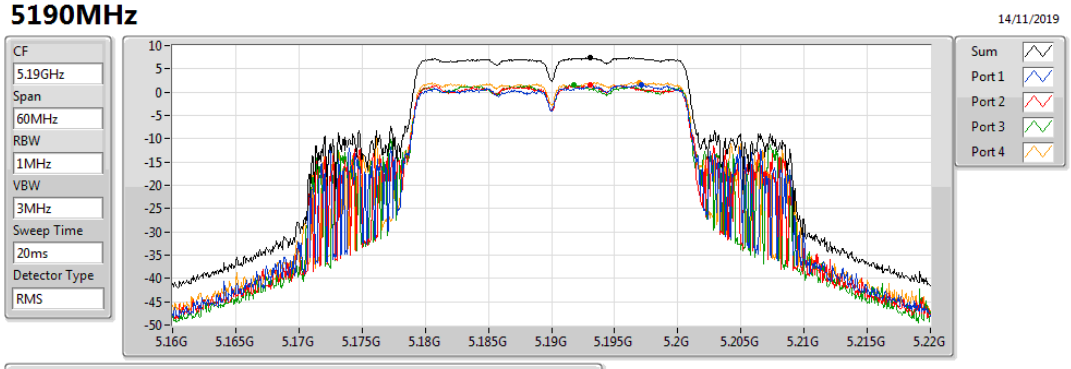
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.03	9.03	3.17	3.74	3.34	3.57

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

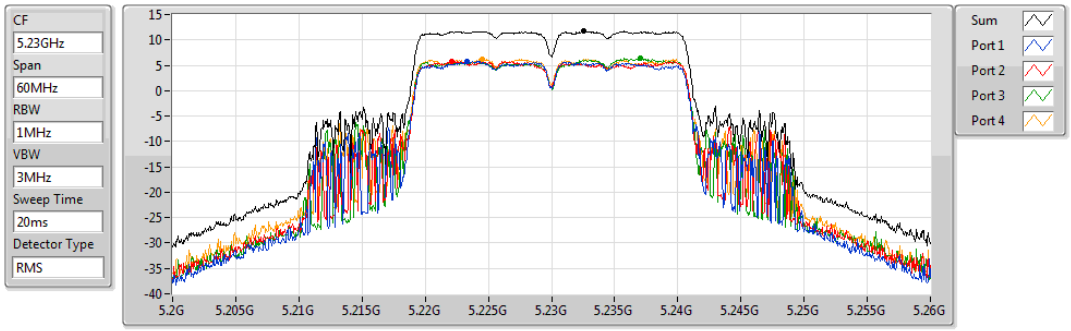
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	1.66	1.58	1.53	2.10

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

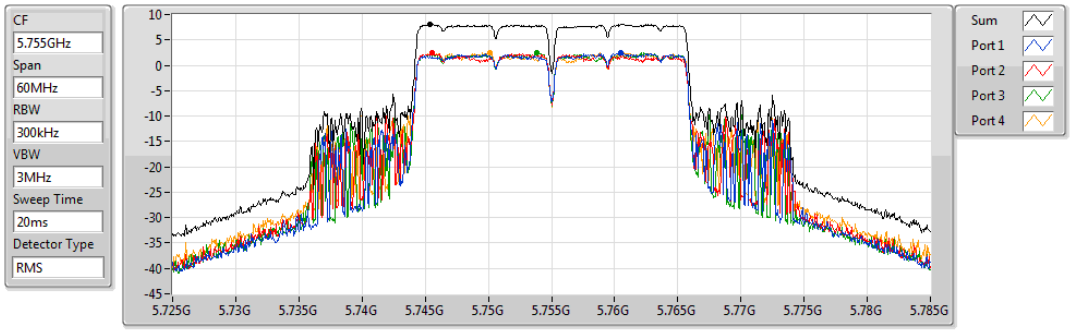
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.67	11.67	5.76	5.78	6.38	6.21

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5755MHz

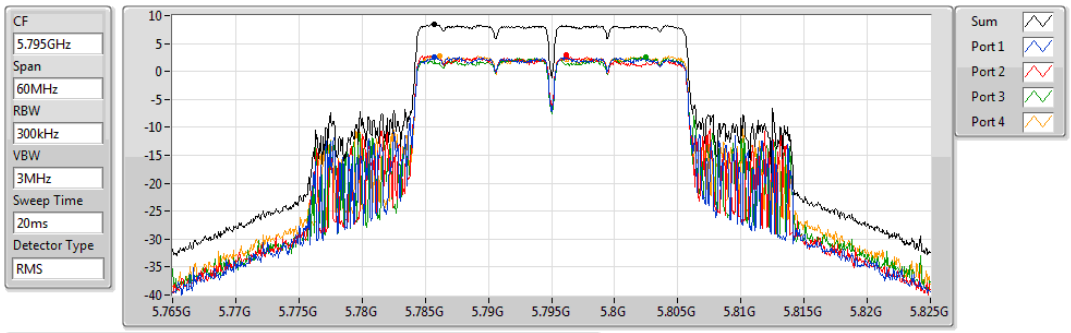


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	2.52	2.41	2.50	2.46

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5795MHz

14/11/2019

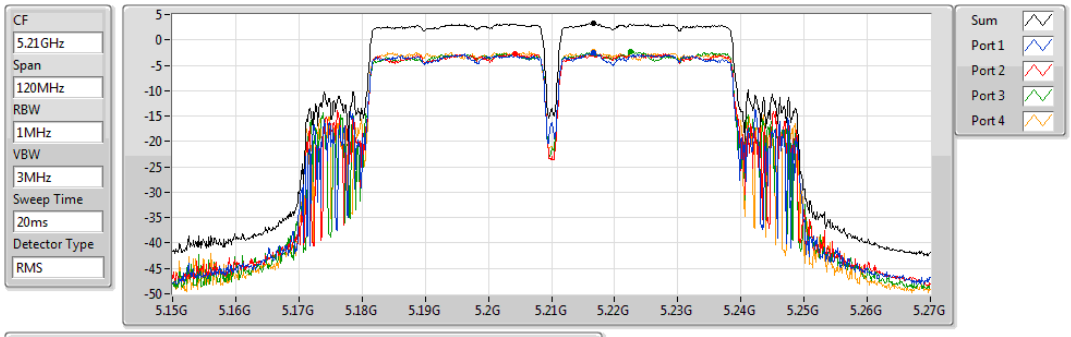


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	2.55	2.89	2.51	2.84

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz

14/11/2019

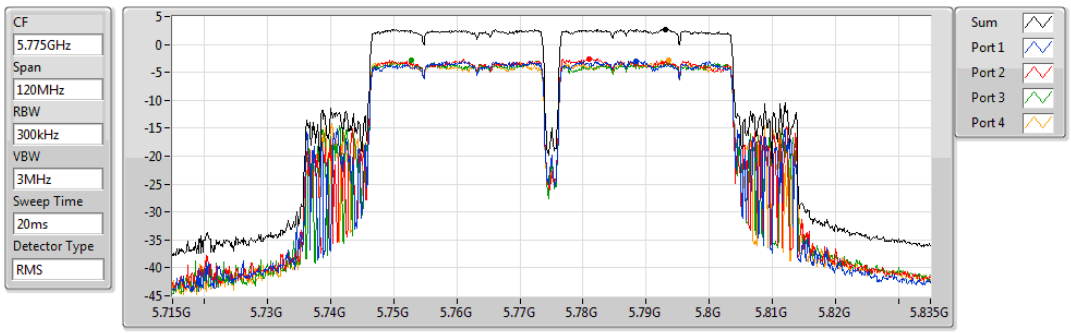


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.28	3.28	-2.48	-2.71	-2.29	-2.40

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

14/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.69	2.69	-2.92	-2.57	-2.86	-2.86

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.80
802.11ac VHT20_Nss1,(MCS0)_4TX	10.98
802.11ac VHT40_Nss1,(MCS0)_4TX	7.68
802.11ac VHT80_Nss1,(MCS0)_4TX	4.05
802.11ax HEW20_Nss1,(MCS0)_4TX	10.86
802.11ax HEW80_Nss1,(MCS0)_4TX	4.28
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.98
802.11ac VHT20_Nss1,(MCS0)_4TX	10.87
802.11ac VHT40_Nss1,(MCS0)_4TX	8.46
802.11ac VHT80_Nss1,(MCS0)_4TX	5.09
802.11ax HEW20_Nss1,(MCS0)_4TX	10.56
802.11ax HEW40_Nss1,(MCS0)_4TX	8.29
802.11ax HEW80_Nss1,(MCS0)_4TX	5.17
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.06
802.11ac VHT20_Nss1,(MCS0)_4TX	8.14
802.11ac VHT40_Nss1,(MCS0)_4TX	4.23
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.37
802.11ax HEW20_Nss1,(MCS0)_4TX	8.35
802.11ax HEW40_Nss1,(MCS0)_4TX	4.36
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.08

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

Result

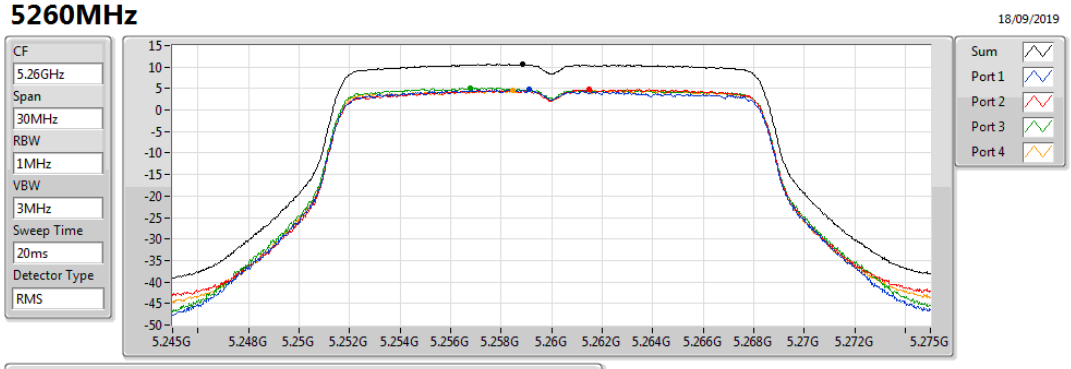
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	4.76	4.75	5.18	4.60	10.65	11.00
5300MHz	Pass	5.01	4.50	5.34	5.05	4.67	10.73	11.00
5320MHz	Pass	5.01	4.82	4.92	5.44	4.65	10.80	11.00
5500MHz	Pass	5.01	4.84	5.58	4.99	5.24	10.98	11.00
5580MHz	Pass	5.01	5.21	5.86	4.88	4.65	10.97	11.00
5700MHz	Pass	5.01	3.53	5.24	5.02	4.86	10.44	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	3.95	5.45	5.21	5.01	10.75	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	2.88	4.71	4.45	4.43	10.06	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	4.89	5.03	5.18	5.35	10.86	11.00
5300MHz	Pass	5.01	5.04	5.14	5.06	5.20	10.90	11.00
5320MHz	Pass	5.01	5.10	5.15	5.33	5.32	10.98	11.00
5500MHz	Pass	5.01	5.16	5.32	4.98	4.42	10.87	11.00
5580MHz	Pass	5.01	5.10	5.12	4.67	4.58	10.70	11.00
5700MHz	Pass	5.01	4.55	3.98	4.04	3.85	9.97	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.70	4.81	4.62	4.29	10.30	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	1.53	2.10	2.75	2.64	8.14	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.01	1.73	1.83	1.91	1.57	7.48	11.00
5310MHz	Pass	5.01	1.94	1.93	1.86	1.59	7.68	11.00
5510MHz	Pass	5.01	2.22	2.16	1.17	1.39	7.51	11.00
5550MHz	Pass	5.01	1.59	2.26	1.86	1.43	7.66	11.00
5670MHz	Pass	5.01	1.62	1.50	1.43	1.50	7.42	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	2.75	2.72	2.93	2.25	8.46	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-1.63	-1.91	-1.29	-1.73	4.23	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.01	-1.58	-1.60	-1.69	-2.07	4.05	11.00
5530MHz	Pass	5.01	-3.32	-2.94	-3.43	-3.91	2.53	11.00
5610MHz	Pass	5.01	-1.67	-1.37	-1.55	-1.85	4.09	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-0.63	-0.64	-0.45	-0.80	5.09	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-6.10	-6.32	-5.99	-6.80	-0.37	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	4.92	4.90	4.95	5.06	10.77	11.00
5300MHz	Pass	5.01	4.85	4.86	5.37	4.98	10.86	11.00
5320MHz	Pass	5.01	4.51	4.59	5.09	4.77	10.42	11.00
5500MHz	Pass	5.01	4.53	4.57	5.01	4.63	10.40	11.00
5580MHz	Pass	5.01	4.31	4.60	4.58	4.46	10.36	11.00
5700MHz	Pass	5.01	4.23	4.12	4.37	4.58	10.18	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.68	4.54	4.67	4.82	10.56	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	1.47	2.88	2.59	2.54	8.35	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5510MHz	Pass	5.01	0.83	0.90	0.73	0.32	6.40	11.00
5550MHz	Pass	5.01	1.15	1.43	1.49	1.26	7.14	11.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5670MHz	Pass	5.01	1.49	1.54	1.45	1.38	7.25	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	2.41	2.74	2.58	2.31	8.29	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-1.78	-1.19	-1.68	-1.68	4.36	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.01	-1.29	-1.34	-1.22	-1.68	4.28	11.00
5530MHz	Pass	5.01	-3.13	-2.83	-3.14	-3.46	2.78	11.00
5610MHz	Pass	5.01	-1.79	-1.53	-1.71	-2.04	4.04	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-0.68	-0.67	-0.42	-0.88	5.17	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-6.02	-5.65	-6.13	-6.21	-0.08	30.00

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

802.11a_Nss1,(6Mbps)_4TX PSD

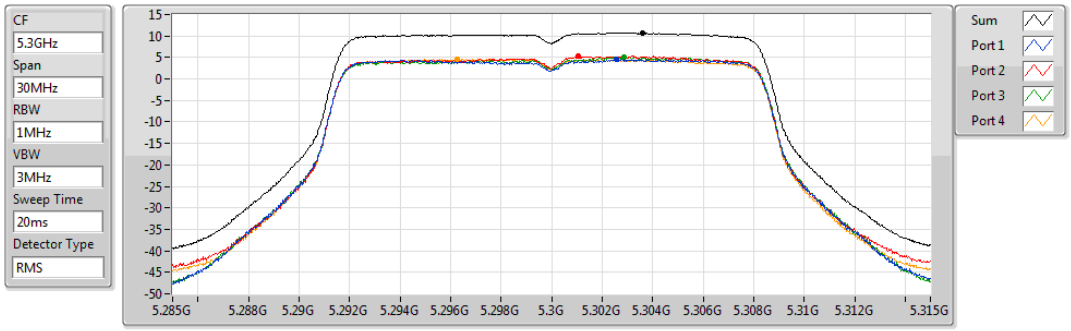
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	4.76	4.75	5.18	4.60

802.11a_Nss1,(6Mbps)_4TX PSD

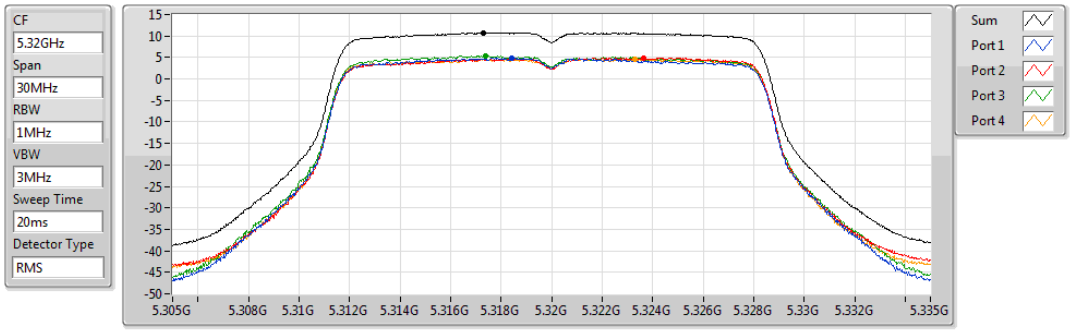
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	4.50	5.34	5.05	4.67

802.11a_Nss1,(6Mbps)_4TX PSD

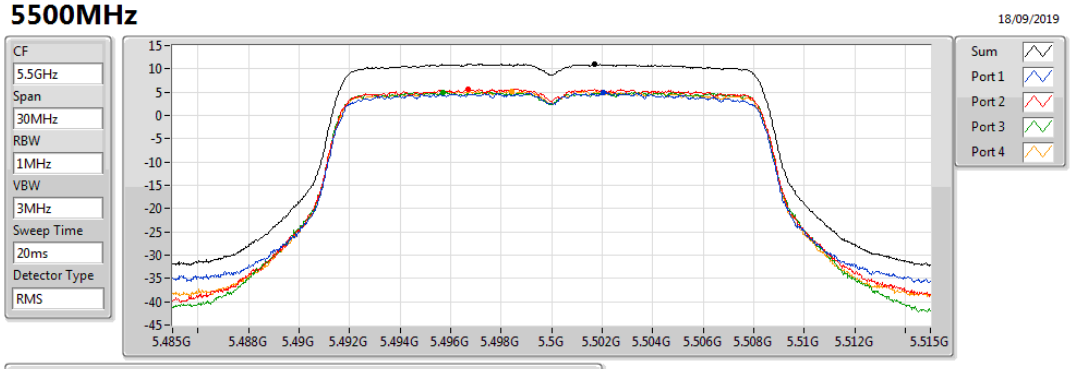
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	4.82	4.92	5.44	4.65

802.11a_Nss1,(6Mbps)_4TX PSD

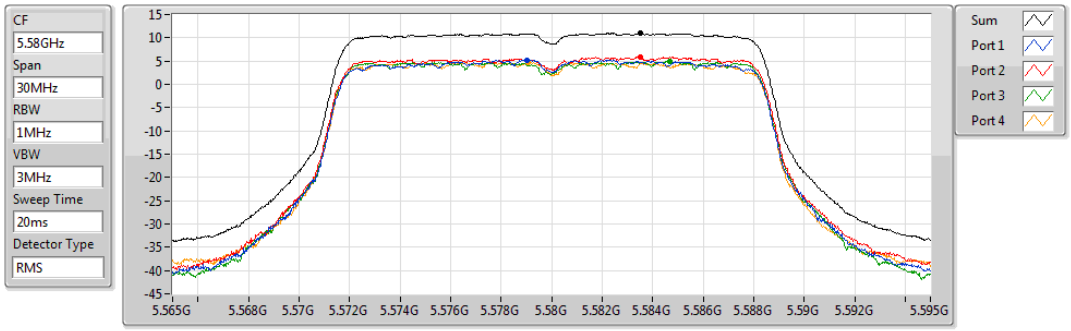
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	4.84	5.58	4.99	5.24

802.11a_Nss1,(6Mbps)_4TX PSD

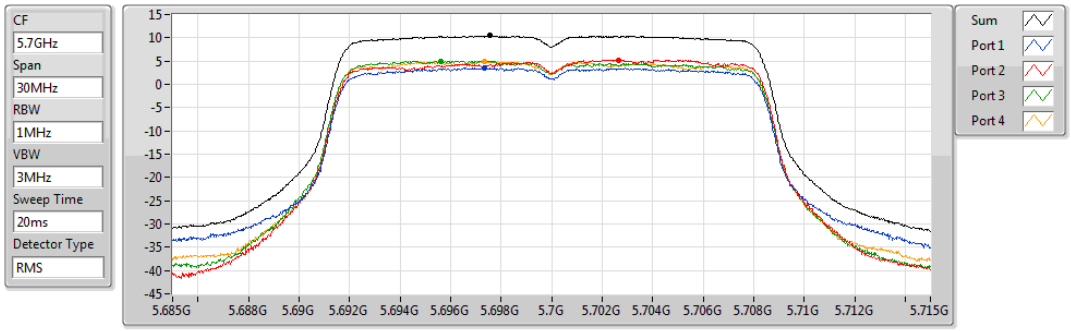
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	5.21	5.86	4.88	4.65

802.11a_Nss1,(6Mbps)_4TX PSD

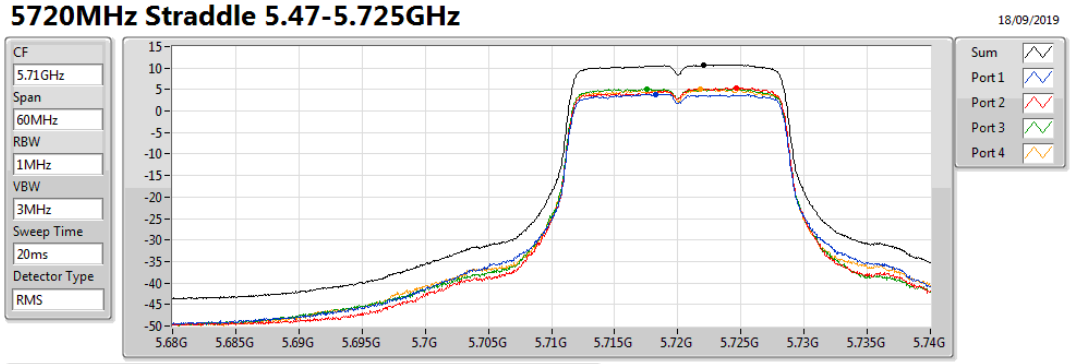
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	3.53	5.24	5.02	4.86

802.11a_Nss1,(6Mbps)_4TX PSD

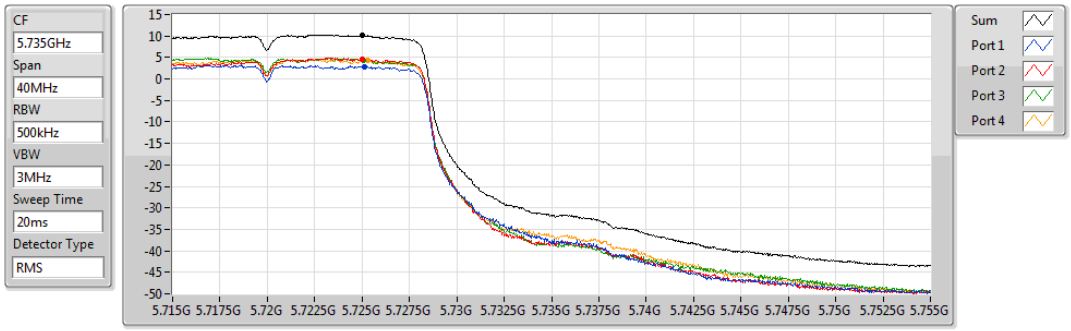
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	3.95	5.45	5.21	5.01

802.11a_Nss1,(6Mbps)_4TX PSD

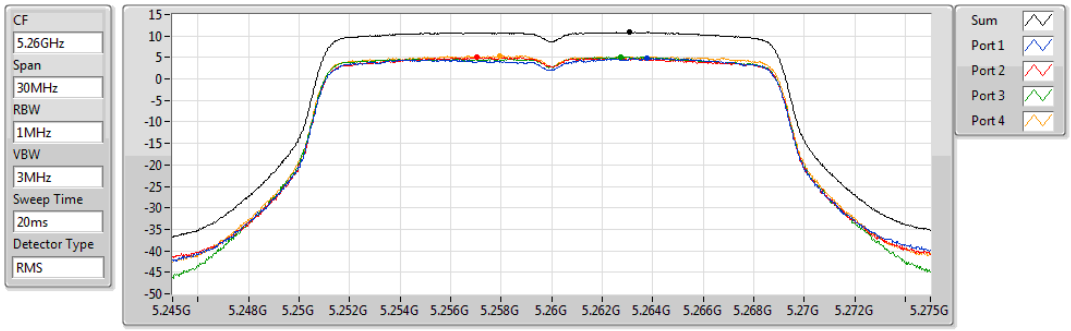
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	2.88	4.71	4.45	4.43

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

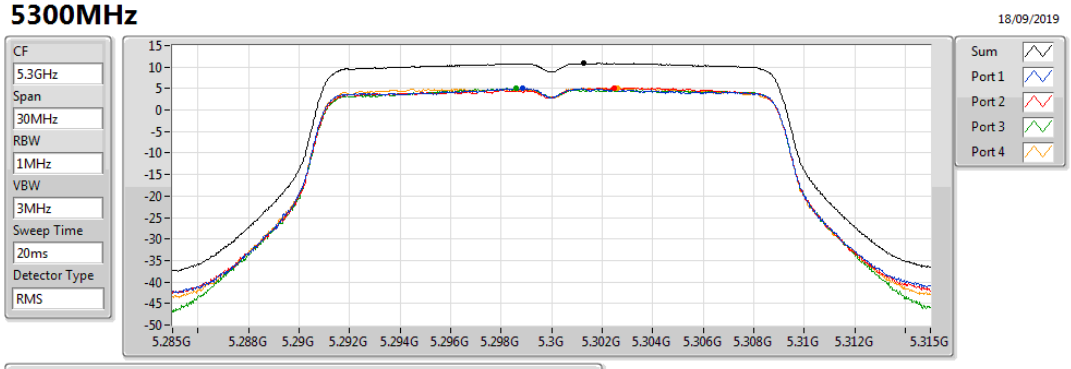
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	4.89	5.03	5.18	5.35

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

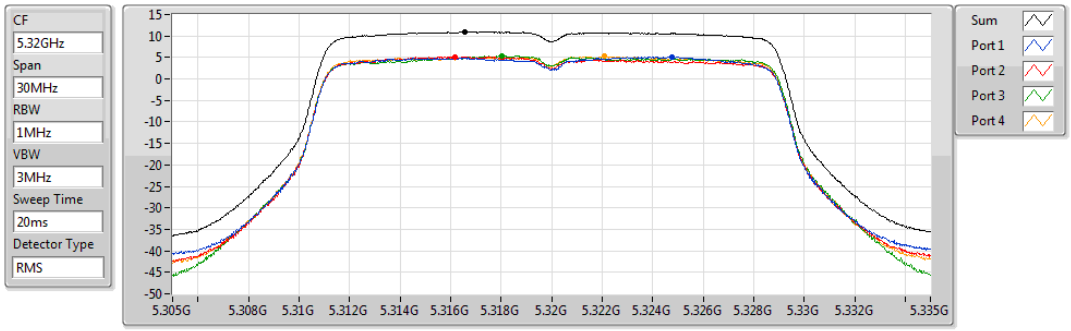
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	5.04	5.14	5.06	5.20

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

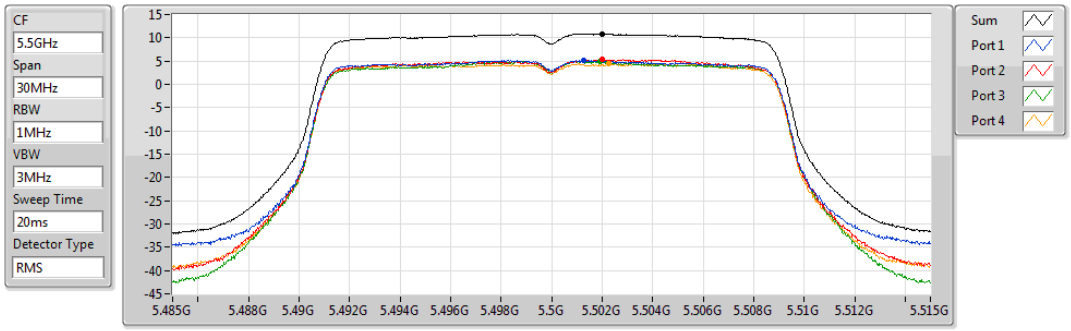
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	5.10	5.15	5.33	5.32

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

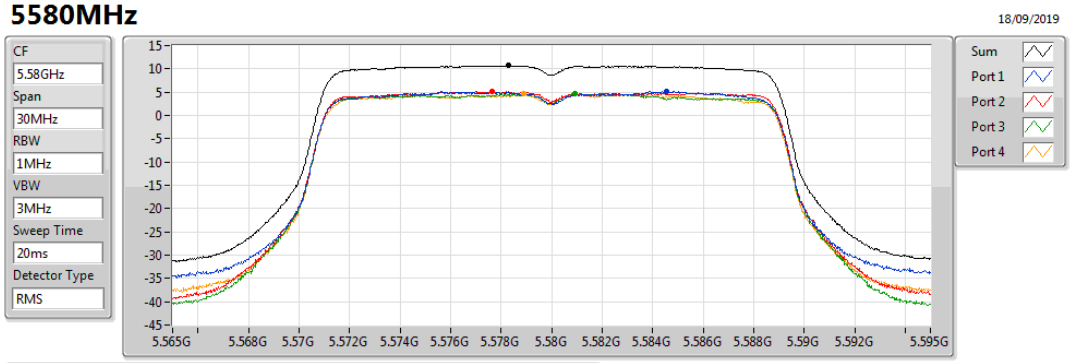
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	5.16	5.32	4.98	4.42

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

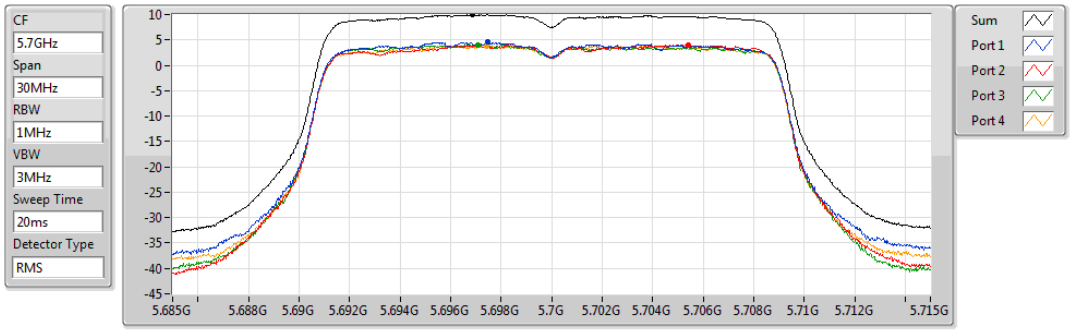
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	5.10	5.12	4.67	4.58

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

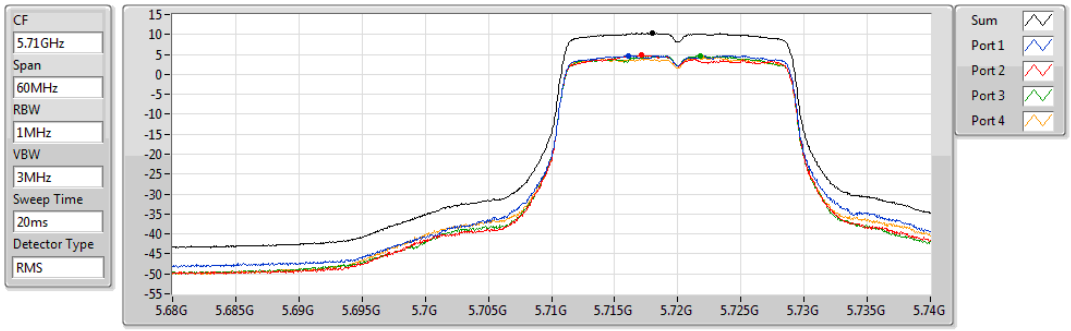
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	4.55	3.98	4.04	3.85

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

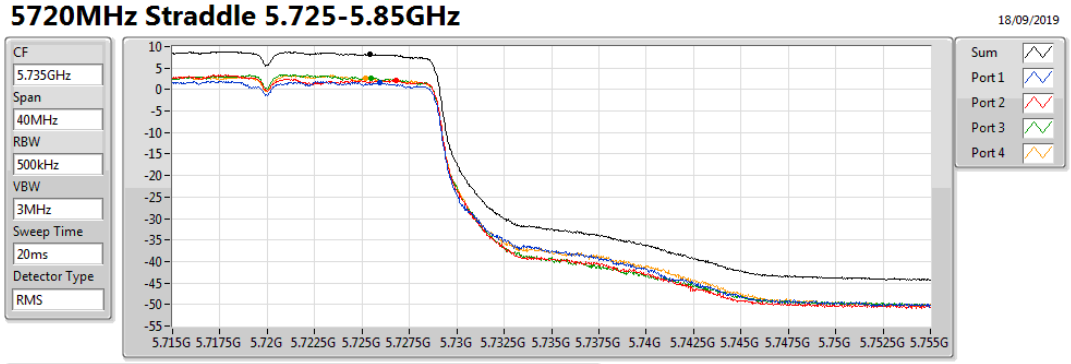
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	4.70	4.81	4.62	4.29

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

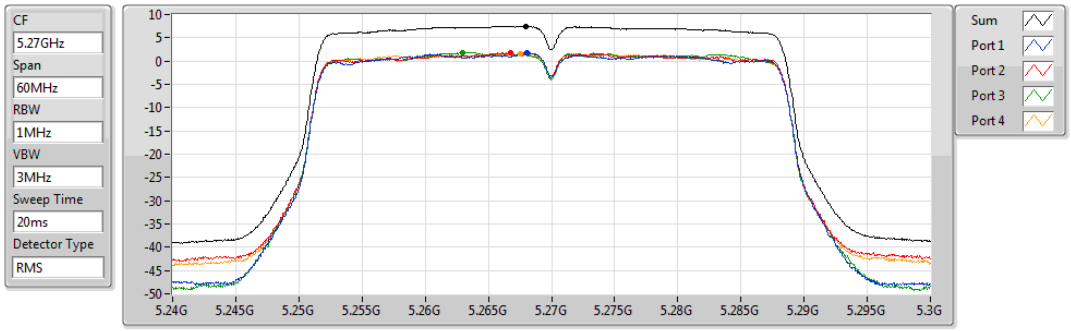
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	1.53	2.10	2.75	2.64

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

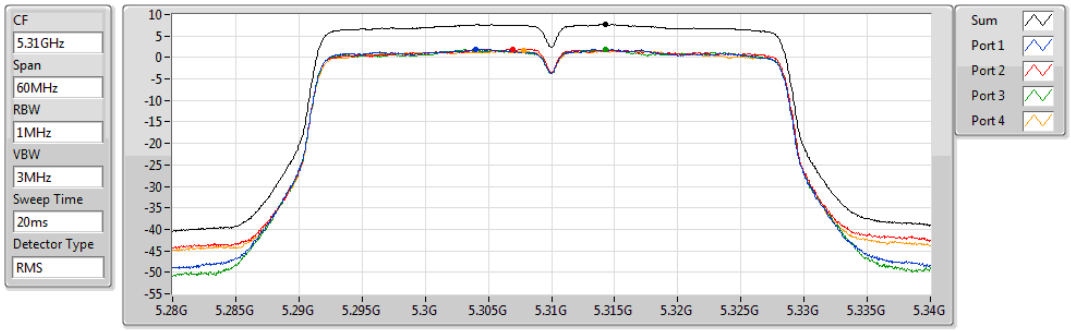
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.48	7.48	1.73	1.83	1.91	1.57

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

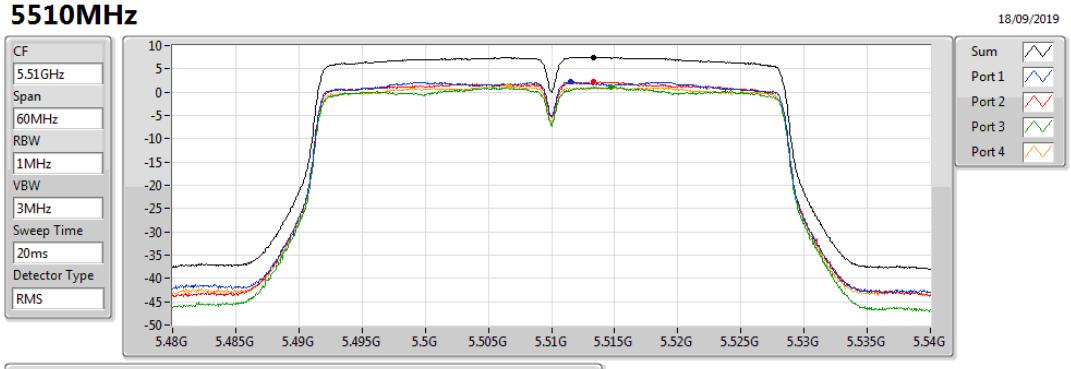
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	1.94	1.93	1.86	1.59

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

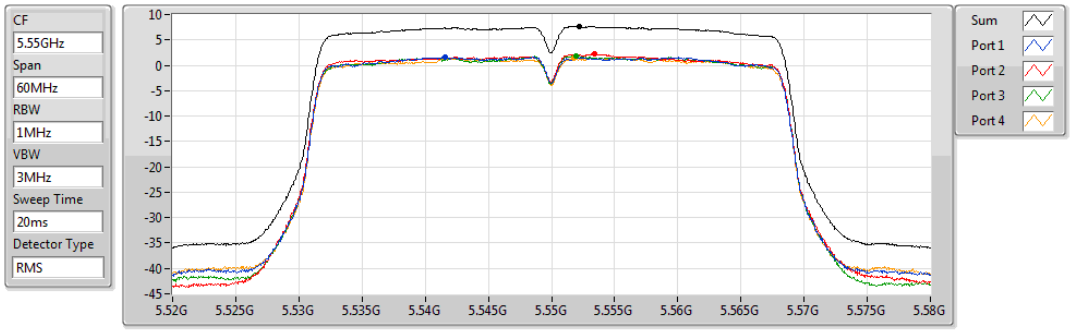
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	2.22	2.16	1.17	1.39

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

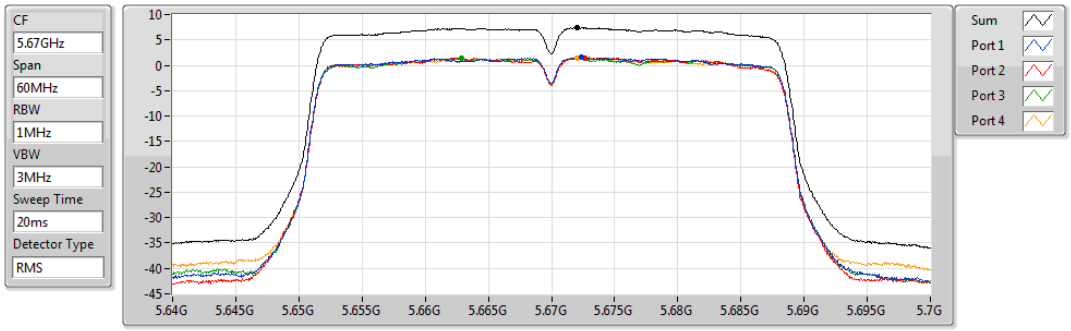
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.66	7.66	1.59	2.26	1.86	1.43

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

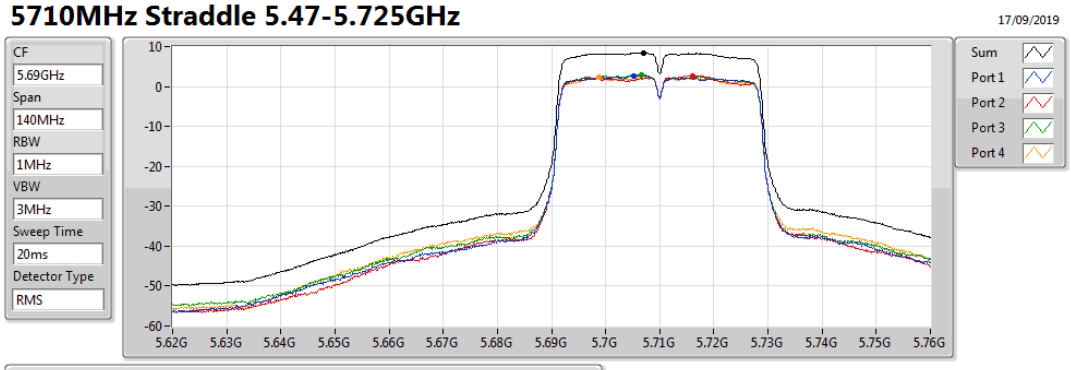
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	1.62	1.50	1.43	1.50

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

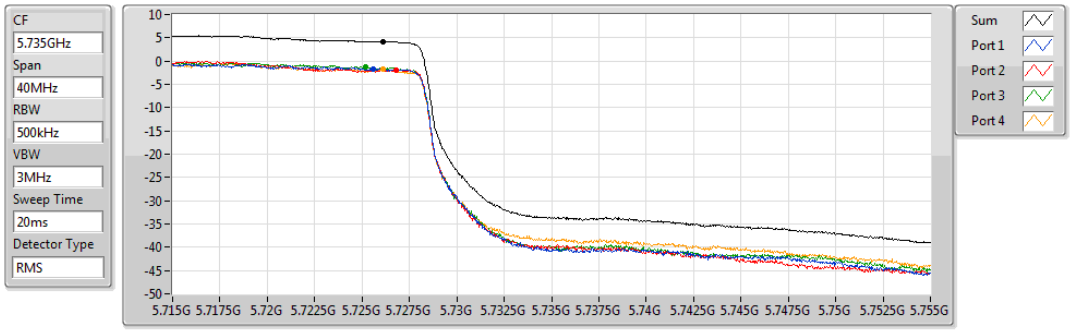
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	2.75	2.72	2.93	2.25

802.11ac VHT40_Nss1,(MCS0)_4TX **PSD**

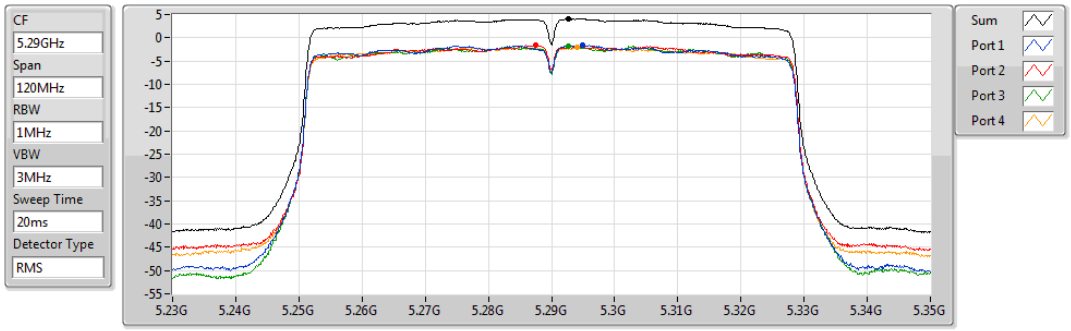
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-1.63	-1.91	-1.29	-1.73

802.11ac VHT80_Nss1,(MCS0)_4TX **PSD**

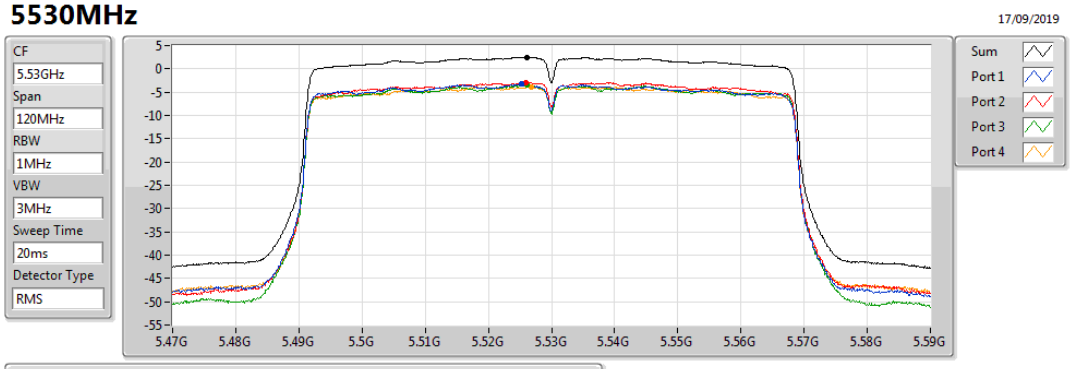
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.05	4.05	-1.58	-1.60	-1.69	-2.07

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

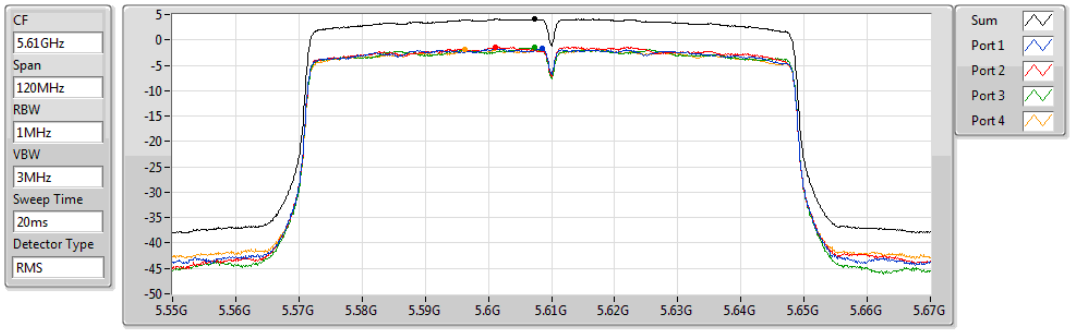
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.53	2.53	-3.32	-2.94	-3.43	-3.91

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

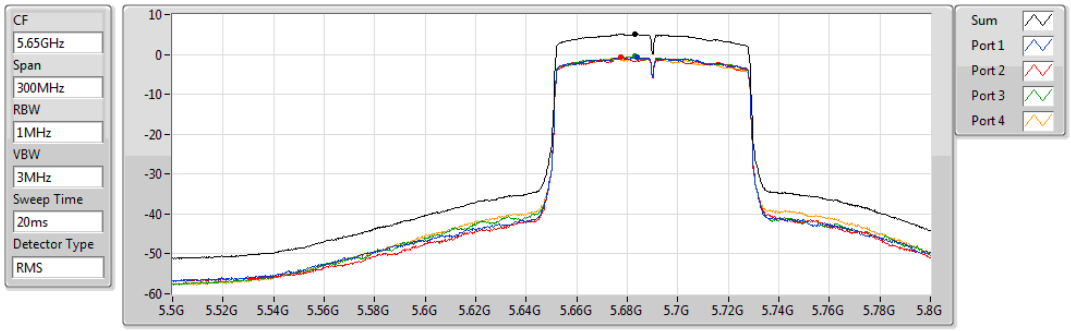
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	-1.67	-1.37	-1.55	-1.85

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

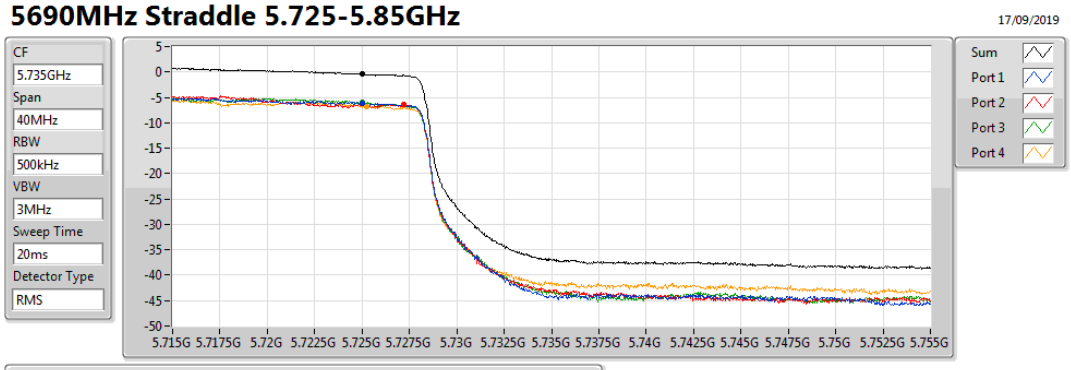
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.09	5.09	-0.63	-0.64	-0.45	-0.80

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

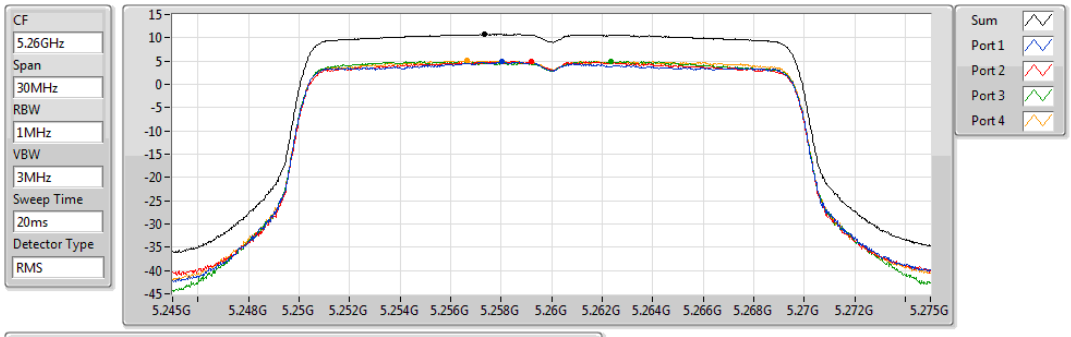
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.37	-0.37	-6.10	-6.32	-5.99	-6.80

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

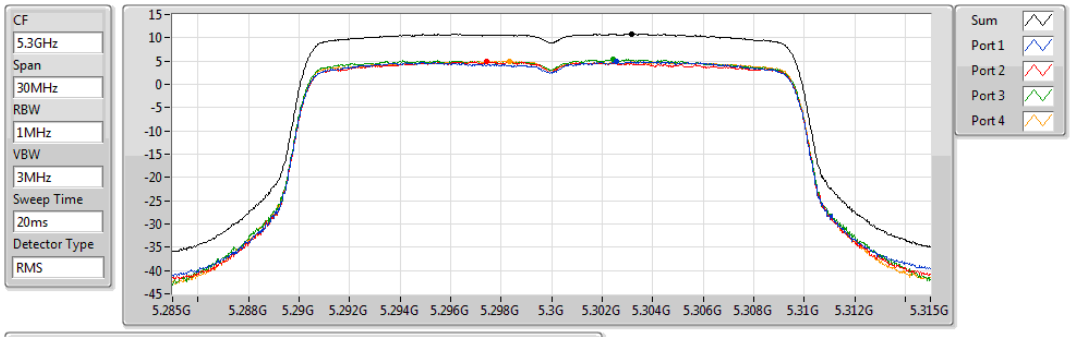
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.77	10.77	4.92	4.90	4.95	5.06

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

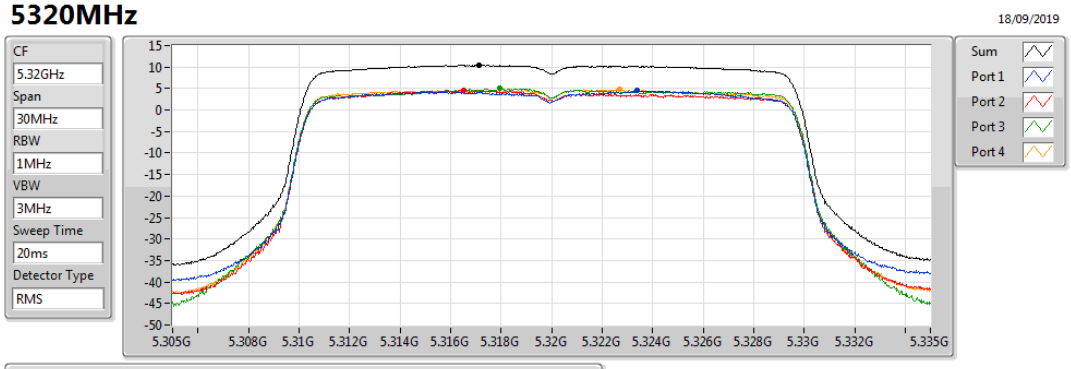
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	4.85	4.86	5.37	4.98

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

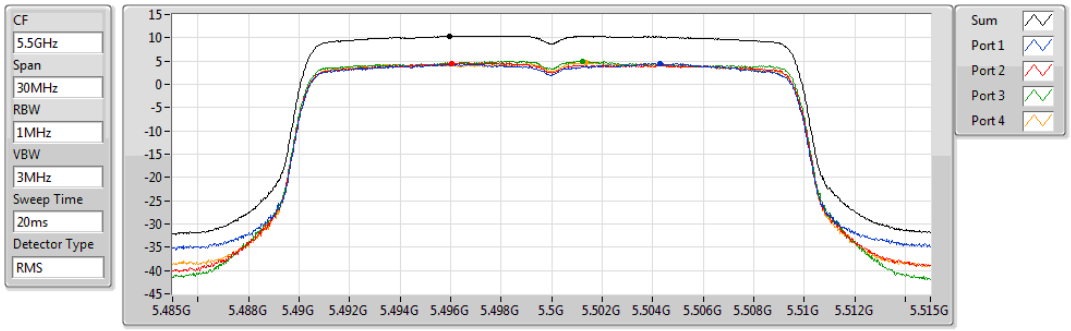
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.42	10.42	4.51	4.59	5.09	4.77

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

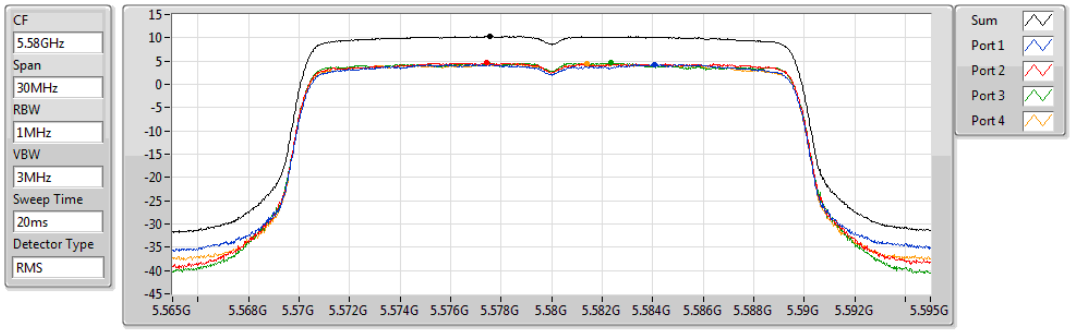
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.40	10.40	4.53	4.57	5.01	4.63

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

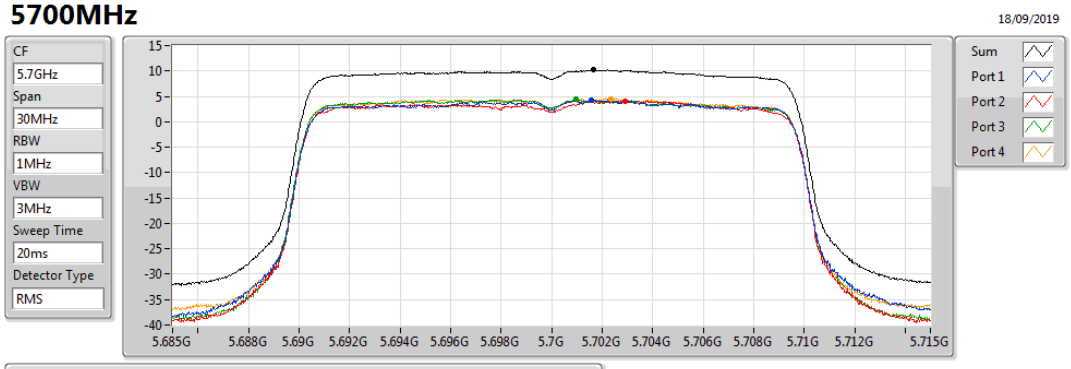
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	4.31	4.60	4.58	4.46

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

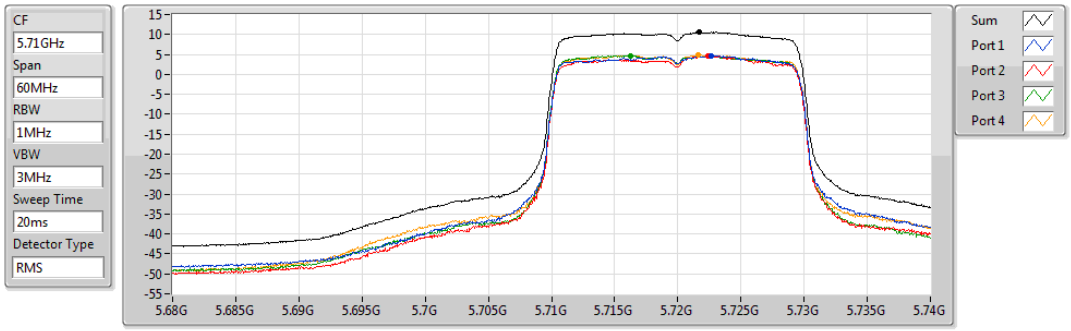
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	4.23	4.12	4.37	4.58

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

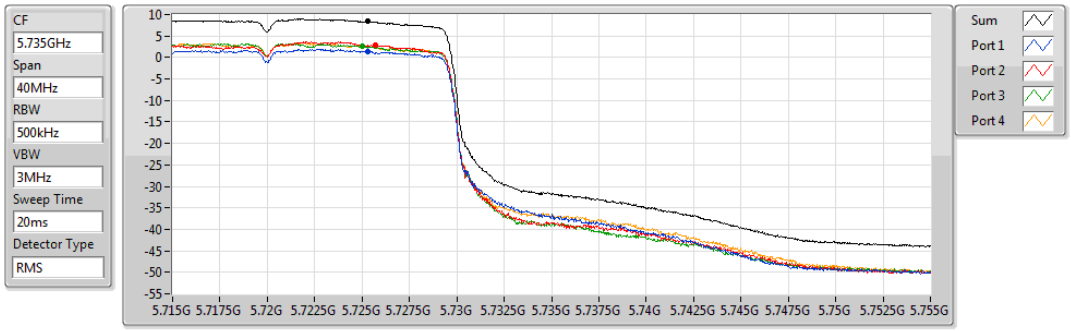
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.68	4.54	4.67	4.82

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

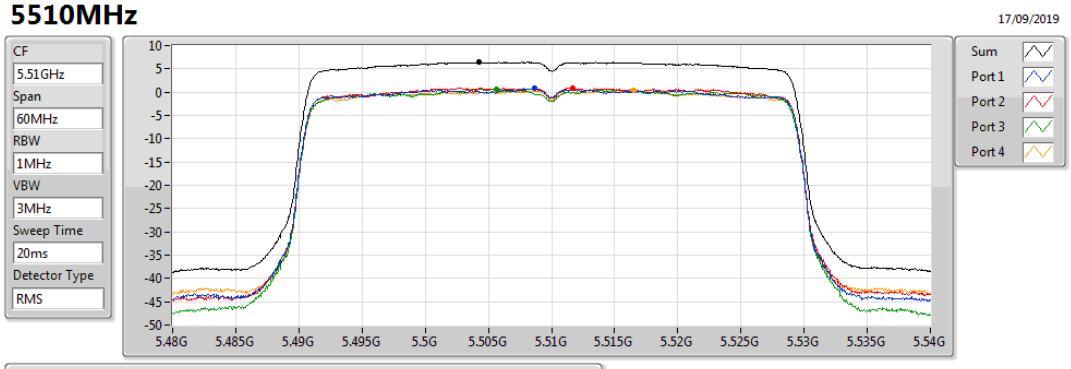
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	1.47	2.88	2.59	2.54

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

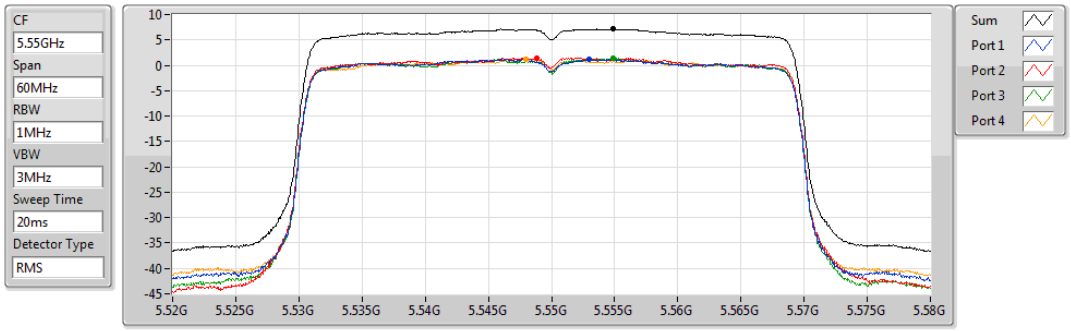
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.40	6.40	0.83	0.90	0.73	0.32

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

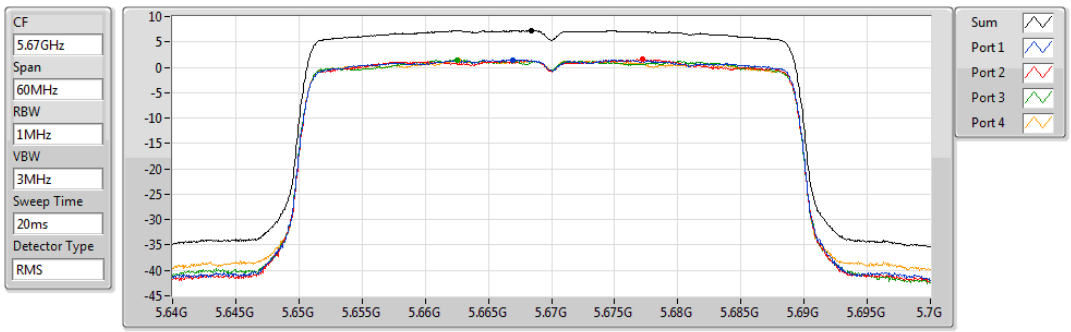
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	1.15	1.43	1.49	1.26

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

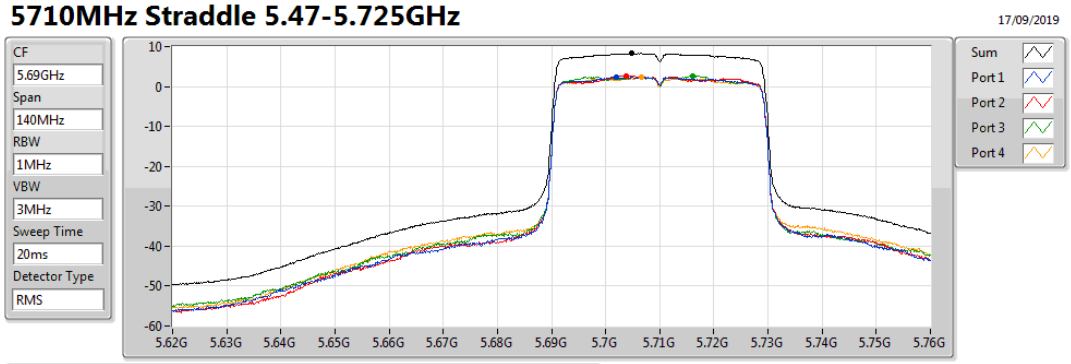
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	1.49	1.54	1.45	1.38

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

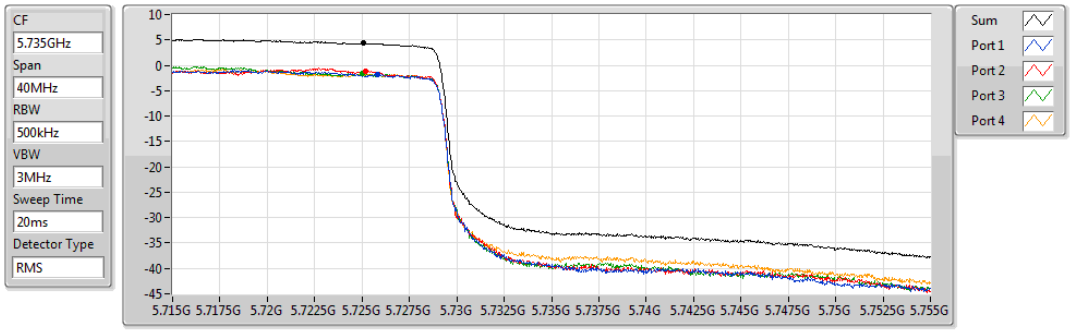
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.29	8.29	2.41	2.74	2.58	2.31

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

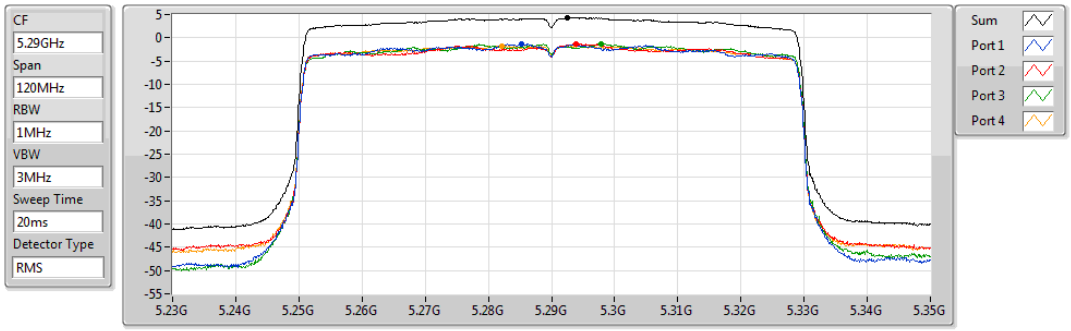
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	-1.78	-1.19	-1.68	-1.68

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

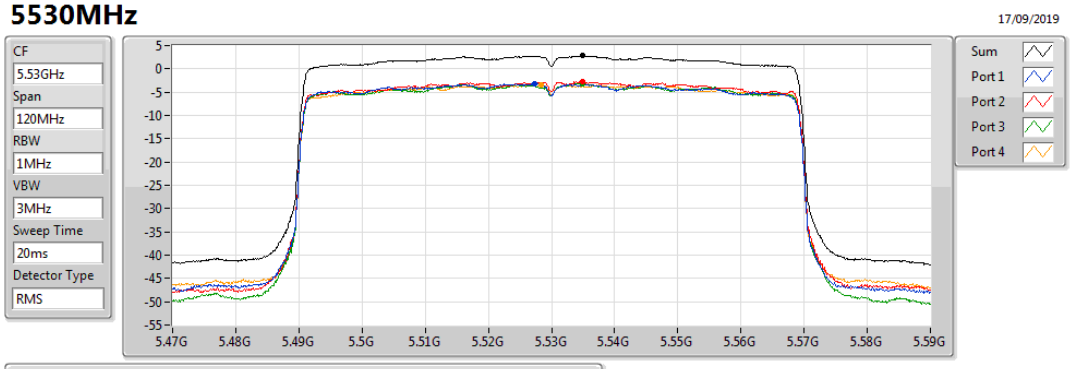
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	-1.29	-1.34	-1.22	-1.68

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

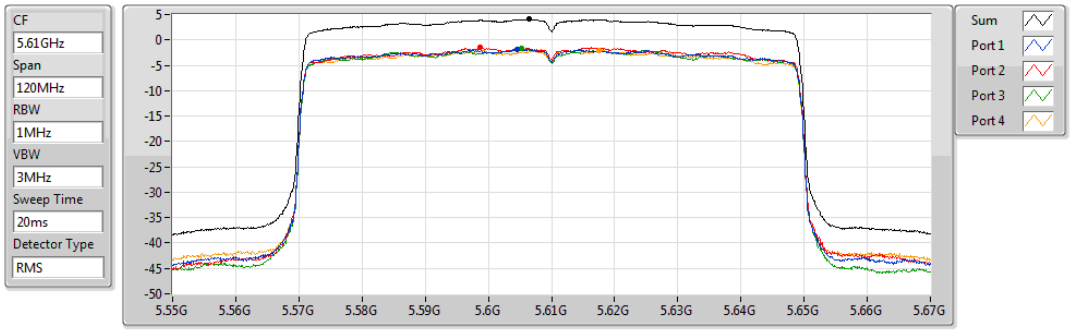
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-3.13	-2.83	-3.14	-3.46

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

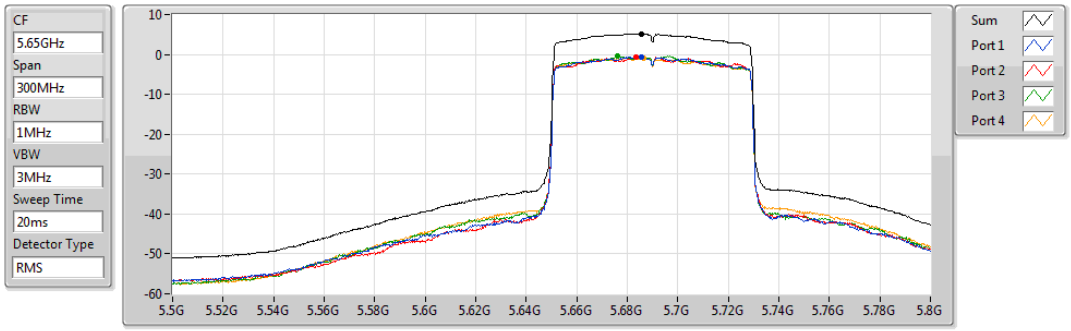
5610MHz



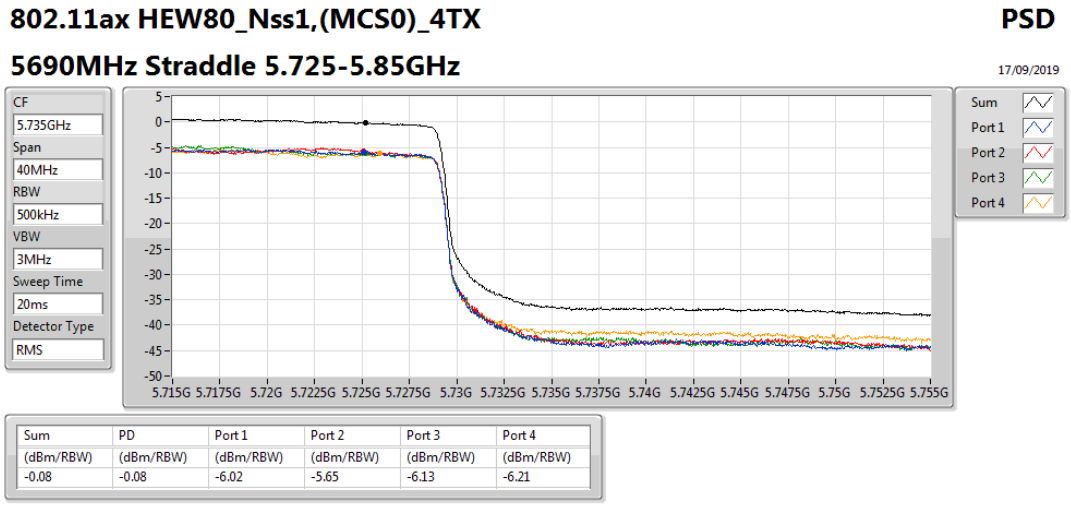
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	-1.79	-1.53	-1.71	-2.04

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.68	-0.67	-0.42	-0.88



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.08	-0.08	-6.02	-5.65	-6.13	-6.21

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	0.37
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-0.09
5.25-5.35GHz	-
802.11ac VHT80+80_Nss1,(MCS0)_4TX	0.46
802.11ax HEW80+80_Nss1,(MCS0)_4TX	0.08
5.47-5.725GHz	-
802.11ac VHT80+80_Nss2,(MCS0)_4TX	0.08
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-0.03

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

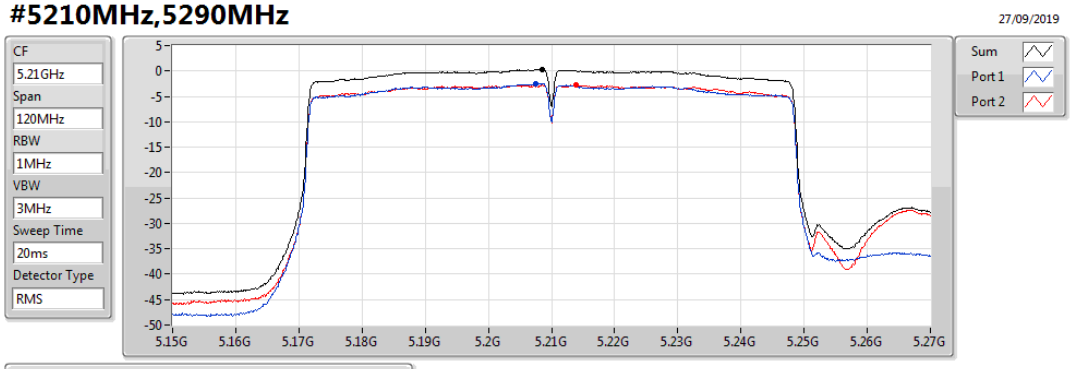
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	5.01	-2.51	-2.73			0.37	17.00	5.38	Inf
5210MHz,#5290MHz	Pass	5.01			-2.48	-2.33	0.46	11.00	5.47	Inf
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	5.01	-3.61	-3.21	-2.71	-3.12	0.08	11.00	5.09	Inf
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	5.01	-2.77	-3.45			-0.09	17.00	4.92	Inf
5210MHz,#5290MHz	Pass	5.01			-2.91	-2.87	0.08	11.00	5.09	Inf
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	5.01	-2.92	-3.21	-2.94	-3.12	-0.03	11.00	4.98	17.00

DG = Directional Gain; **RBW** = 500 kHz 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;

802.11ac VHT80+80_Nss1,(MCS0)_4TX PSD

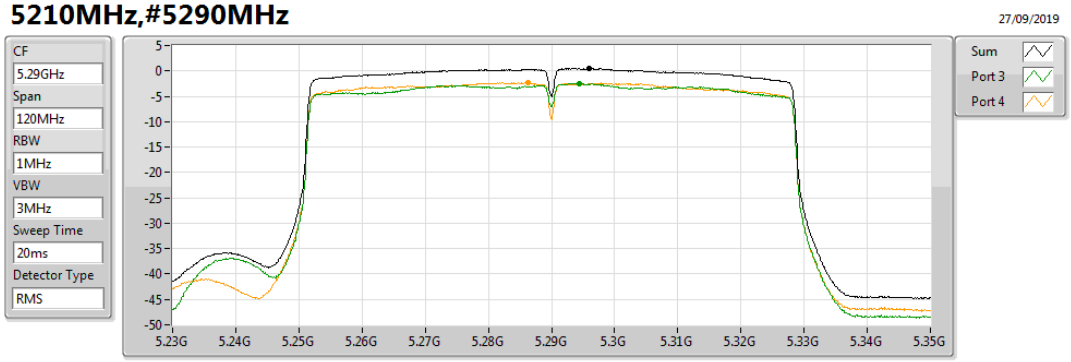
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.37	0.37	-2.51	-2.73

802.11ac VHT80+80_Nss1,(MCS0)_4TX PSD

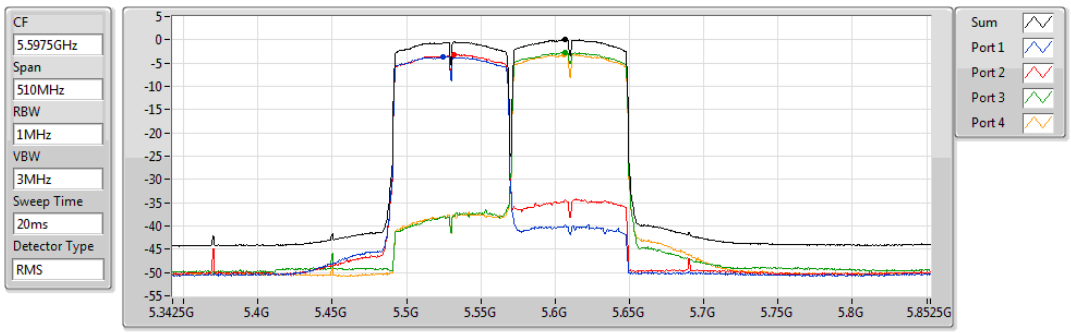
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.46	0.46			-2.48	-2.33

802.11ac VHT80+80_Nss2,(MCS0)_4TX PSD

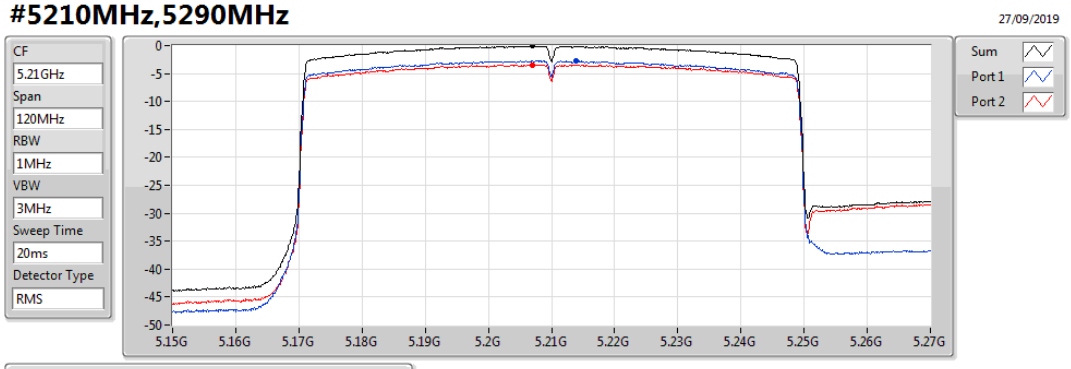
#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.08	0.08	-3.61	-3.21	-2.71	-3.12

802.11ax HEW80+80_Nss1,(MCS0)_4TX PSD

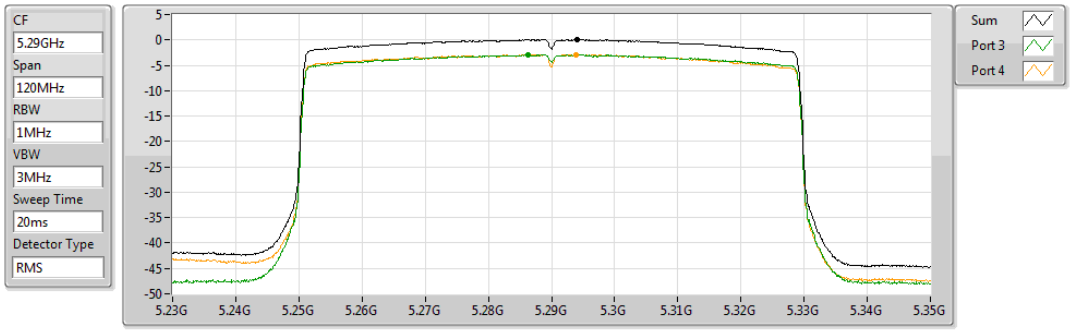
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.09	-0.09	-2.77	-3.45

802.11ax HEW80+80_Nss1,(MCS0)_4TX PSD

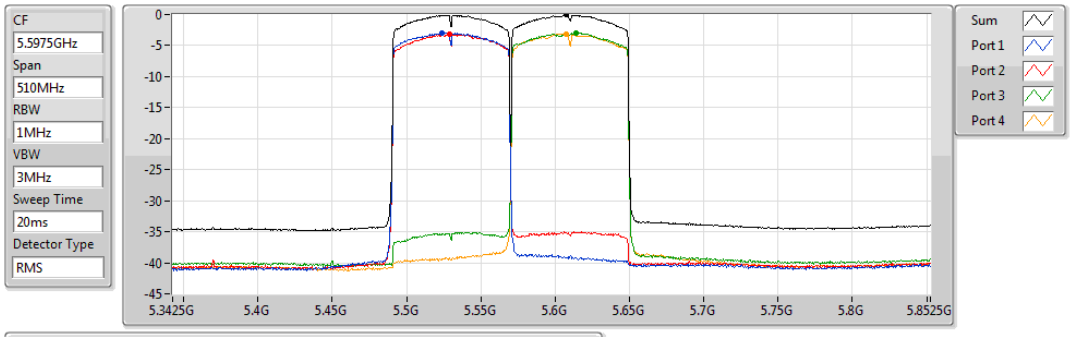
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.08	0.08			-2.91	-2.87

802.11ax HEW80+80_Nss2,(MCS0)_4TX PSD

#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.03	-0.03	-2.92	-3.21	-2.94	-3.12

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	10.75
802.11ax HEW40_Nss1,(MCS0)_4TX	6.88
802.11ax HEW80_Nss1,(MCS0)_4TX	3.85
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	10.30
802.11ax HEW40_Nss1,(MCS0)_4TX	7.11
802.11ax HEW80_Nss1,(MCS0)_4TX	4.75
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	7.86
802.11ax HEW40_Nss1,(MCS0)_4TX	4.23
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.52

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

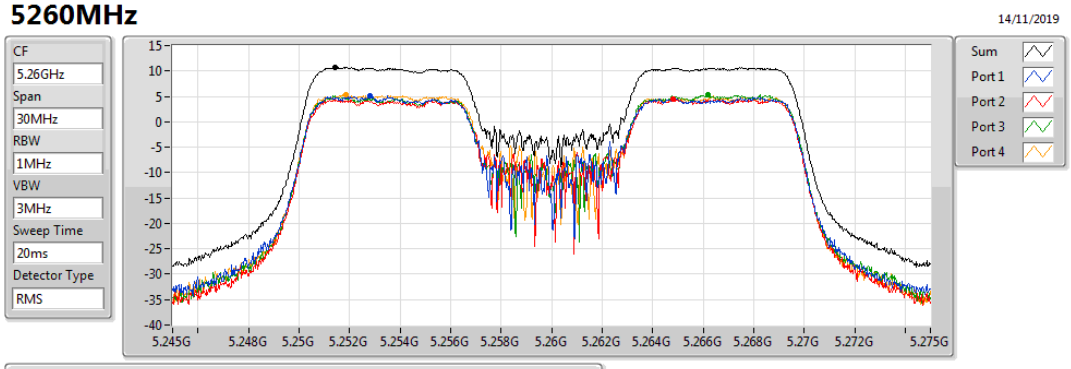
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	5.08	4.51	5.23	5.29	10.75	11.00
5300MHz	Pass	5.01	4.83	4.75	4.97	4.66	10.48	11.00
5320MHz	Pass	5.01	4.69	4.53	4.48	4.08	10.11	11.00
5500MHz	Pass	5.01	4.13	4.62	4.44	4.57	10.13	11.00
5580MHz	Pass	5.01	4.17	4.27	4.52	4.43	10.10	11.00
5700MHz	Pass	5.01	3.81	4.70	4.27	4.24	9.85	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.26	4.55	4.80	4.34	10.30	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	2.20	2.36	2.08	2.05	7.86	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.01	1.29	1.21	1.32	0.91	6.88	11.00
5310MHz	Pass	5.01	0.99	0.93	1.12	1.26	6.86	11.00
5510MHz	Pass	5.01	0.26	0.36	0.47	0.38	6.04	11.00
5550MHz	Pass	5.01	1.00	0.96	1.02	0.91	6.67	11.00
5670MHz	Pass	5.01	1.10	1.21	0.96	1.07	6.83	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	1.32	1.47	1.38	1.21	7.11	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-1.71	-1.47	-1.63	-1.65	4.23	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.01	-1.76	-2.10	-1.37	-1.20	3.85	11.00
5530MHz	Pass	5.01	-3.07	-3.48	-3.32	-3.39	2.38	11.00
5610MHz	Pass	5.01	-2.27	-2.13	-1.68	-2.15	3.63	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-1.11	-0.73	-0.74	-0.70	4.75	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-6.06	-6.64	-5.90	-5.98	-0.52	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

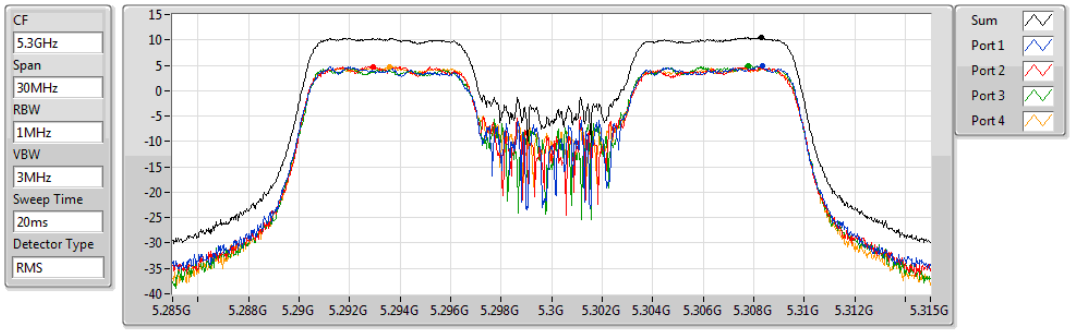
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	5.08	4.51	5.23	5.29

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

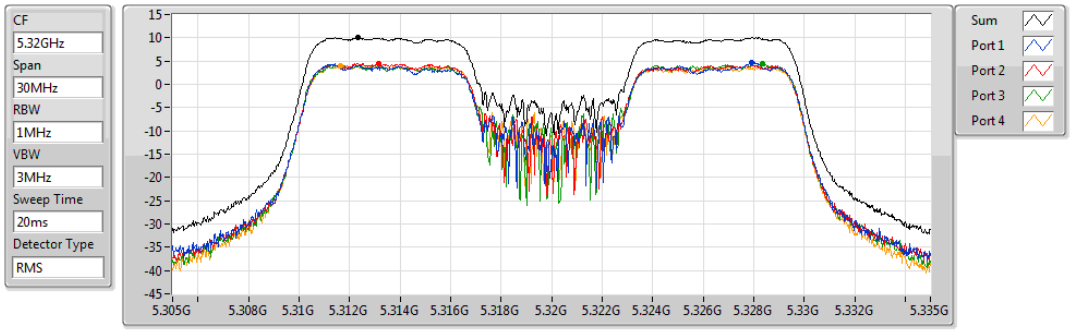
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	4.83	4.75	4.97	4.66

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

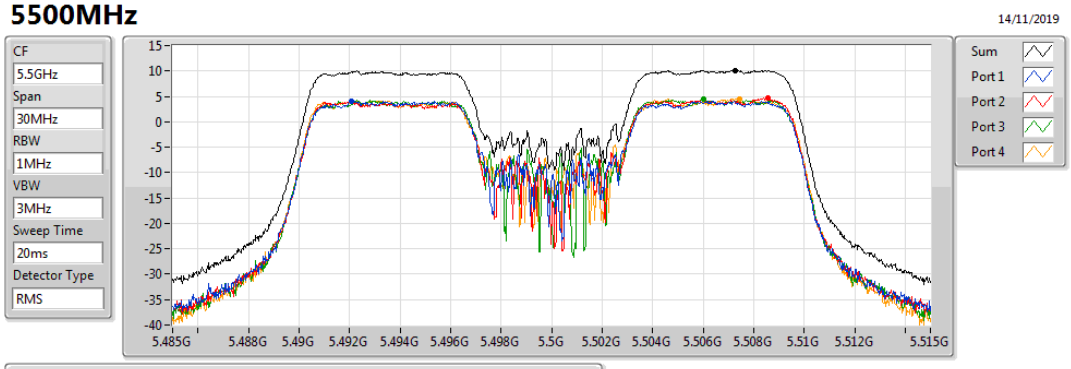
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.11	10.11	4.69	4.53	4.48	4.08

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

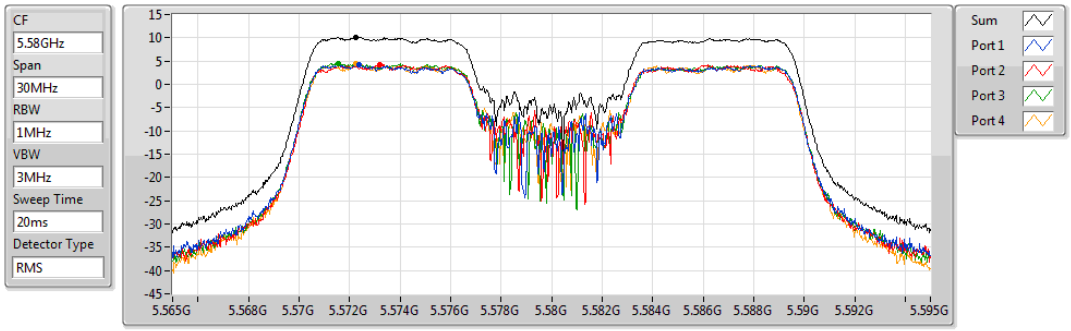
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.13	10.13	4.13	4.62	4.44	4.57

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.10	10.10	4.17	4.27	4.52	4.43

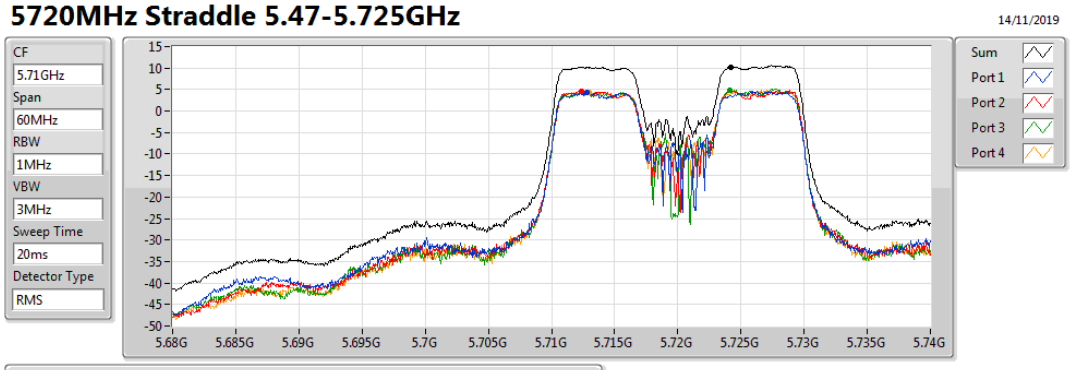
802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	3.81	4.70	4.27	4.24

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

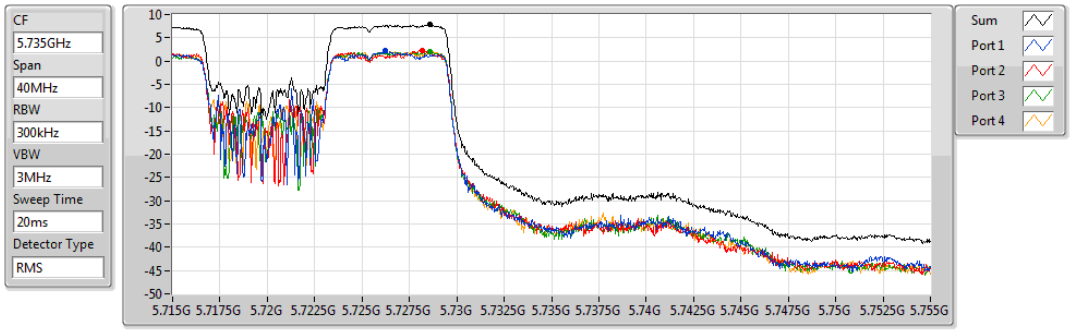
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.30	10.30	4.26	4.55	4.80	4.34

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

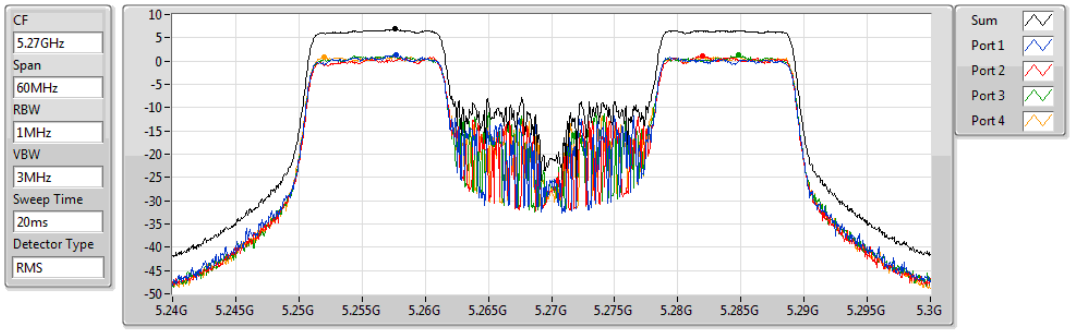
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	2.20	2.36	2.08	2.05

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

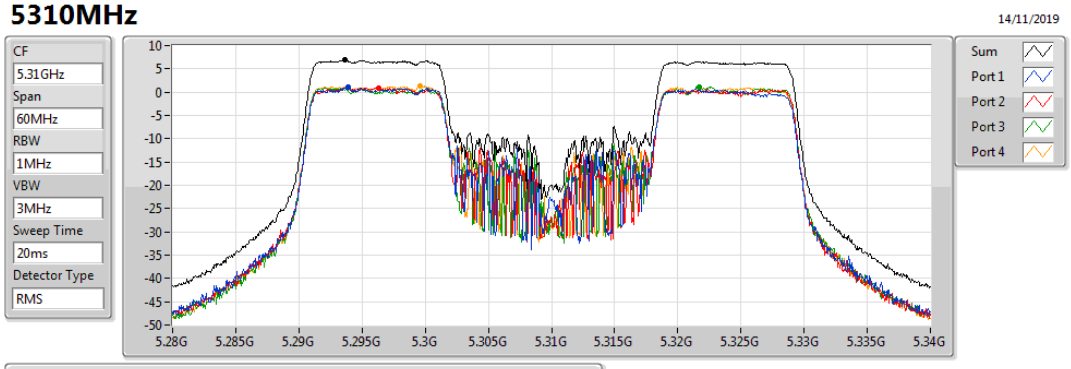
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	1.29	1.21	1.32	0.91

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

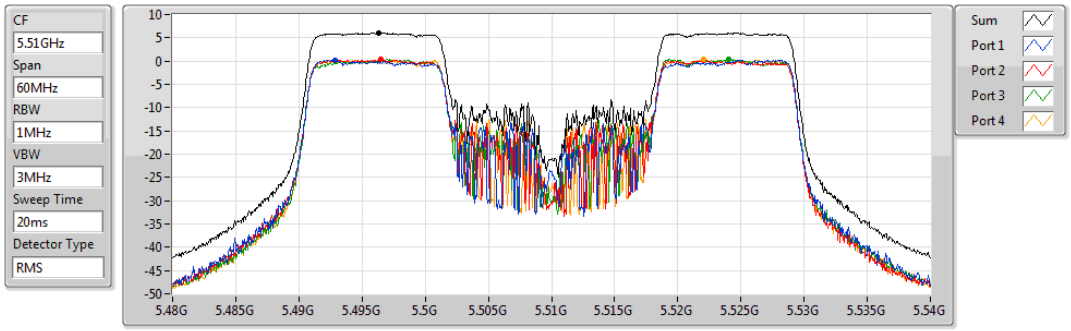
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	0.99	0.93	1.12	1.26

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

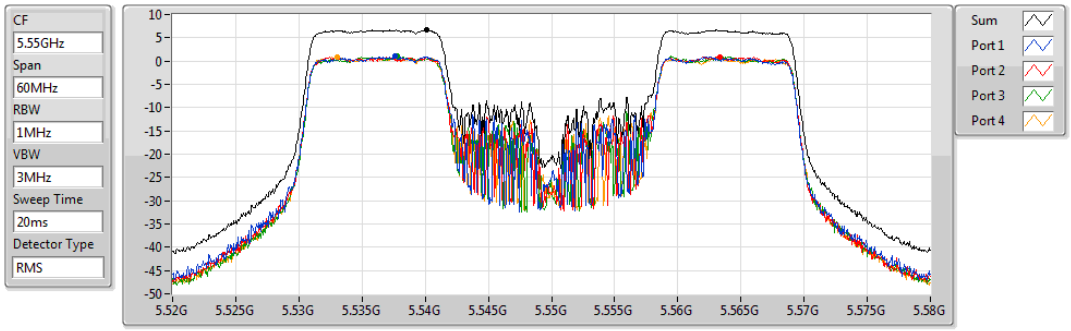
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.04	6.04	0.26	0.36	0.47	0.38

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

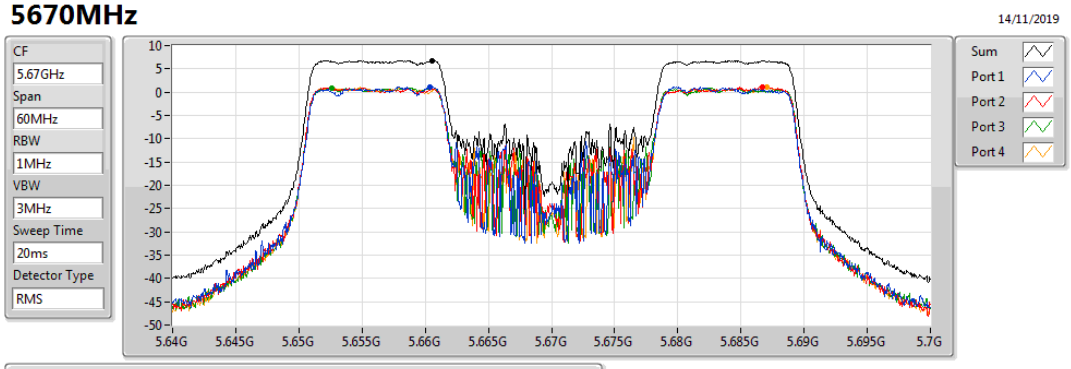
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.67	6.67	1.00	0.96	1.02	0.91

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

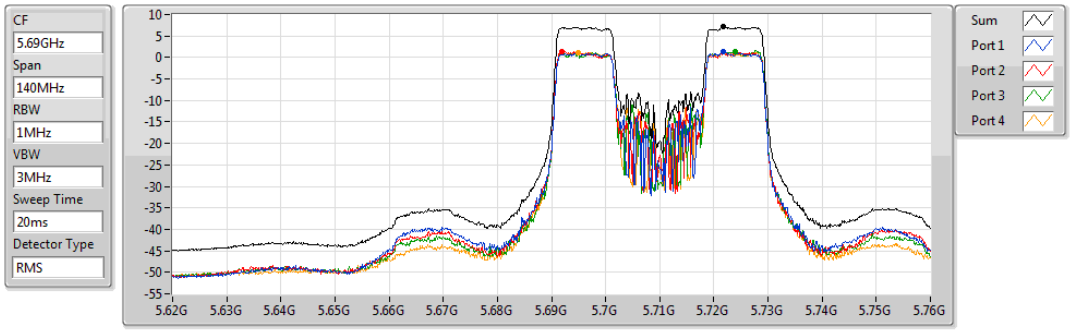
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.83	6.83	1.10	1.21	0.96	1.07

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

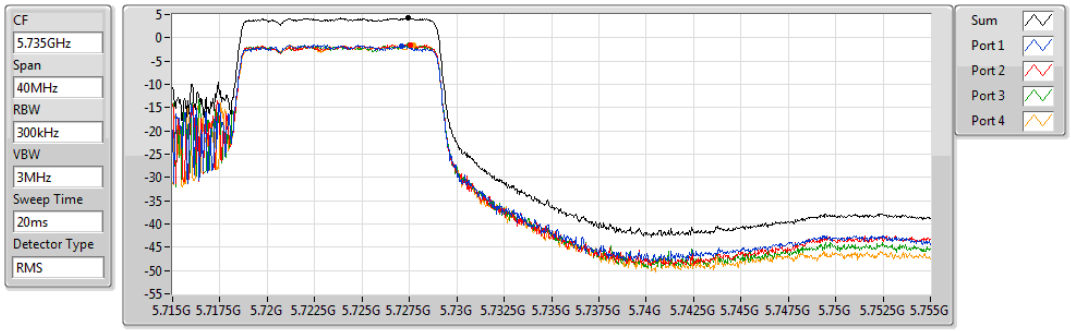
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	1.32	1.47	1.38	1.21

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

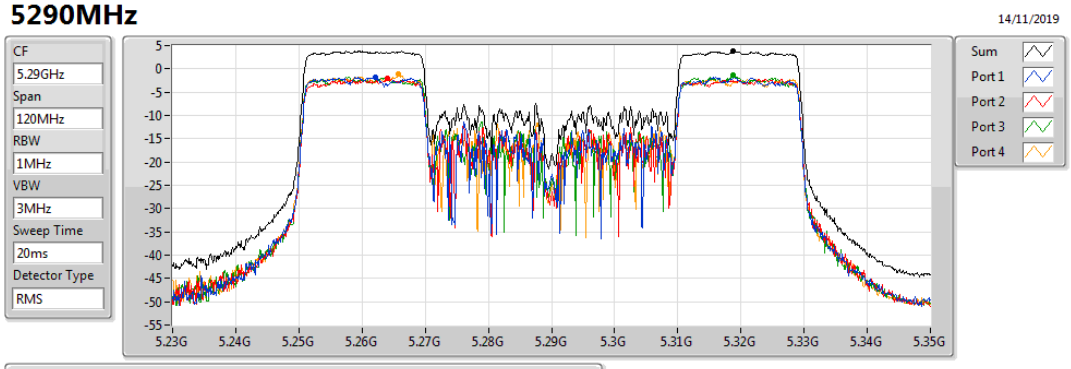
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-1.71	-1.47	-1.63	-1.65

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

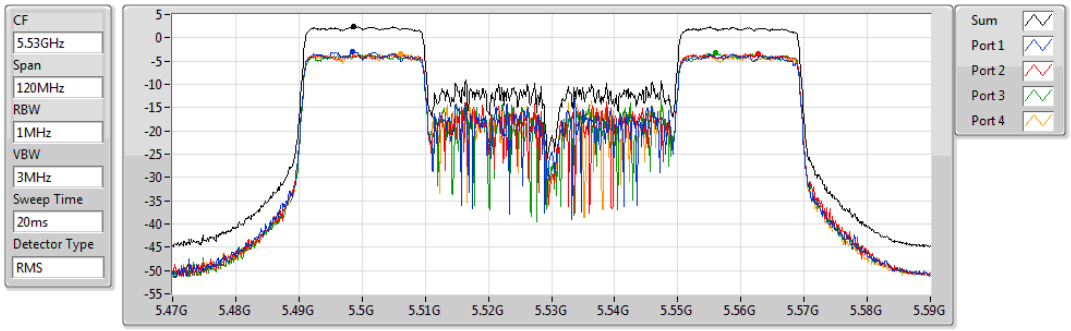
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	-1.76	-2.10	-1.37	-1.20

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

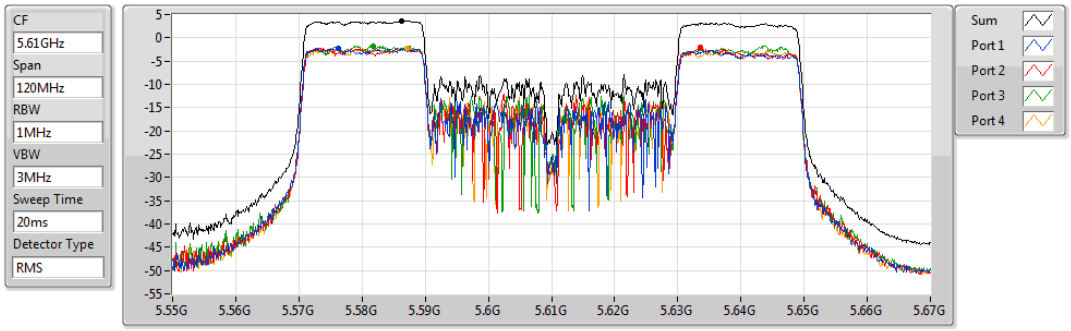
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-3.07	-3.48	-3.32	-3.39

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

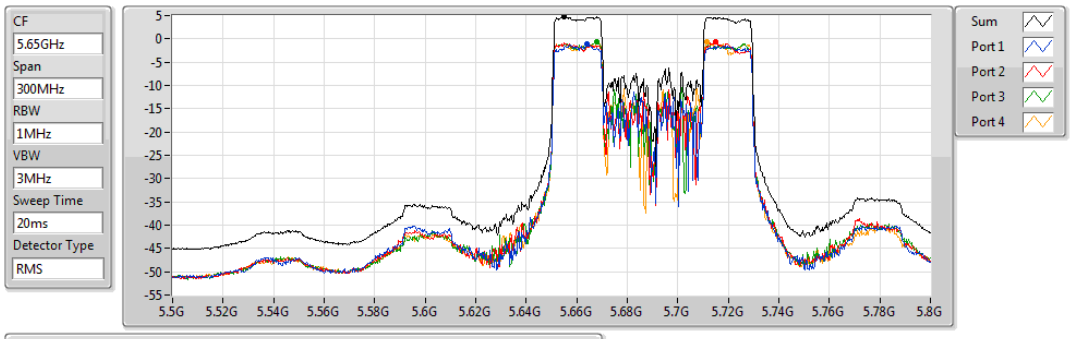


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	-2.27	-2.13	-1.68	-2.15

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

14/11/2019

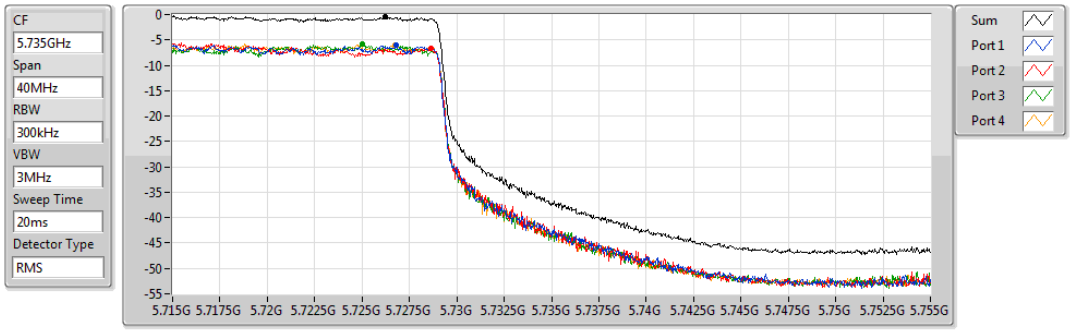


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	-1.11	-0.73	-0.74	-0.70

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

14/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.52	-0.52	-6.06	-6.64	-5.90	-5.98

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	10.56
802.11ax HEW40_Nss1,(MCS0)_4TX	6.85
802.11ax HEW80_Nss1,(MCS0)_4TX	3.84
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	10.32
802.11ax HEW40_Nss1,(MCS0)_4TX	8.07
802.11ax HEW80_Nss1,(MCS0)_4TX	4.69
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	7.08
802.11ax HEW40_Nss1,(MCS0)_4TX	-7.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-10.57

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

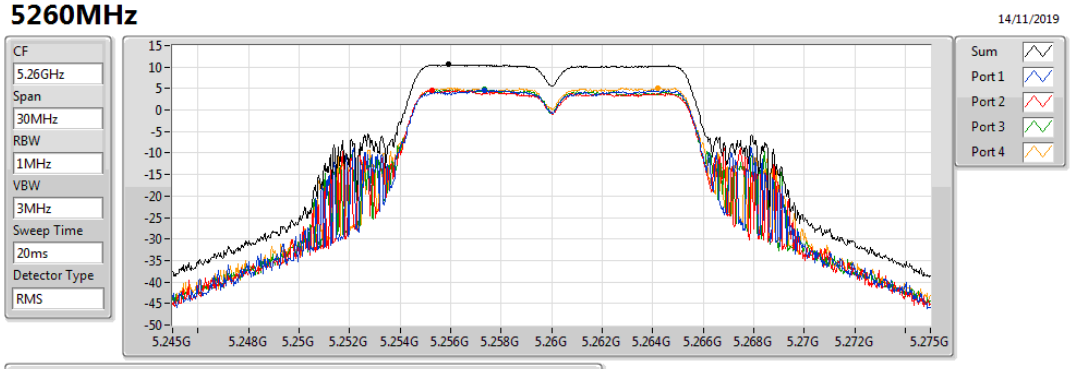
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.01	4.71	4.63	4.72	5.14	10.56	11.00
5300MHz	Pass	5.01	4.67	4.81	4.85	5.07	10.46	11.00
5320MHz	Pass	5.01	4.69	4.31	4.88	4.27	10.20	11.00
5500MHz	Pass	5.01	4.27	4.31	4.75	4.29	10.24	11.00
5580MHz	Pass	5.01	4.32	4.34	4.22	4.29	10.06	11.00
5700MHz	Pass	5.01	3.96	4.75	4.58	4.55	10.15	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.01	4.21	4.57	4.38	4.50	10.32	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.01	1.24	1.00	1.11	0.97	7.08	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.01	0.99	1.00	1.22	1.31	6.80	11.00
5310MHz	Pass	5.01	1.19	1.28	1.45	1.22	6.85	11.00
5510MHz	Pass	5.01	0.51	0.39	0.88	0.68	6.27	11.00
5550MHz	Pass	5.01	1.09	0.94	1.11	1.29	6.88	11.00
5670MHz	Pass	5.01	1.09	1.55	1.95	1.21	7.07	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.01	2.09	2.19	2.35	2.66	8.07	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.01	-12.39	-8.36	-13.11	-11.98	-7.28	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.01	-1.82	-1.98	-1.69	-1.93	3.84	11.00
5530MHz	Pass	5.01	-3.45	-3.29	-3.07	-3.19	2.46	11.00
5610MHz	Pass	5.01	-1.96	-1.95	-1.98	-1.88	3.99	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.01	-1.23	-0.57	-0.79	-0.71	4.69	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.01	-13.86	-15.05	-14.73	-15.31	-10.57	30.00

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

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

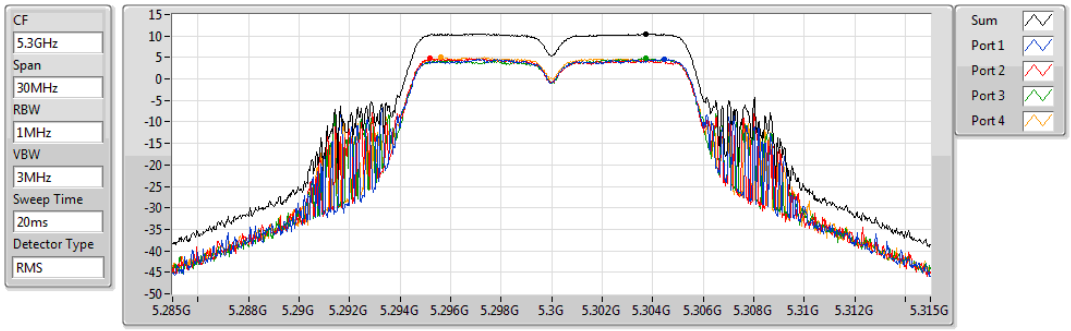
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.71	4.63	4.72	5.14

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

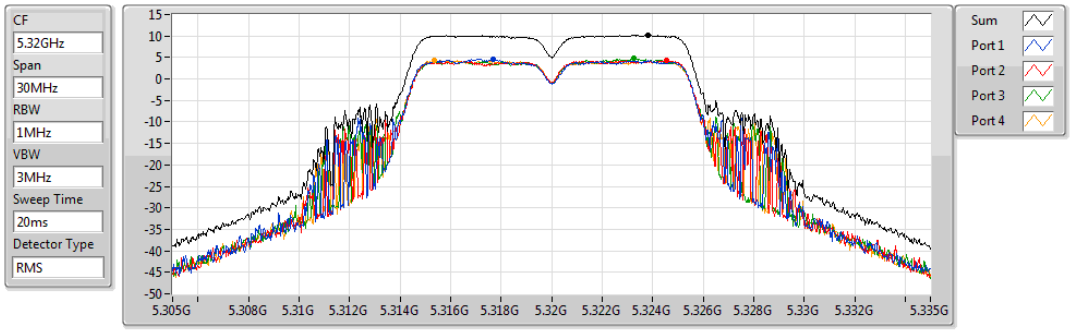
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	4.67	4.81	4.85	5.07

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

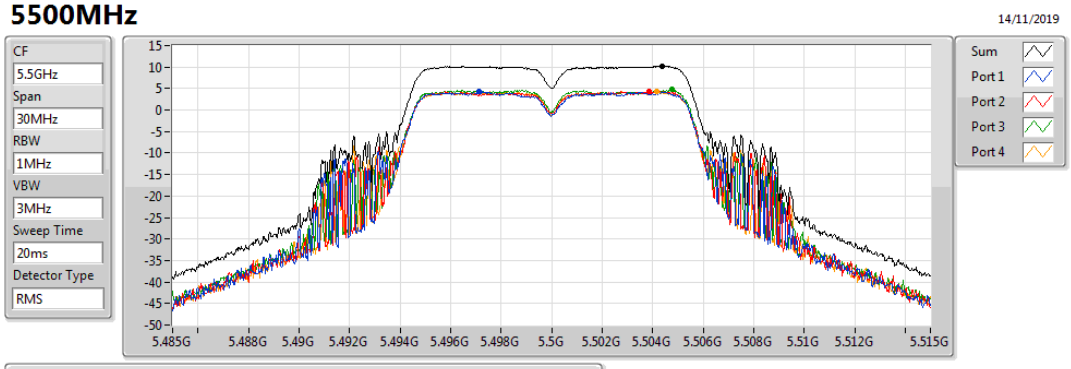
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	4.69	4.31	4.88	4.27

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

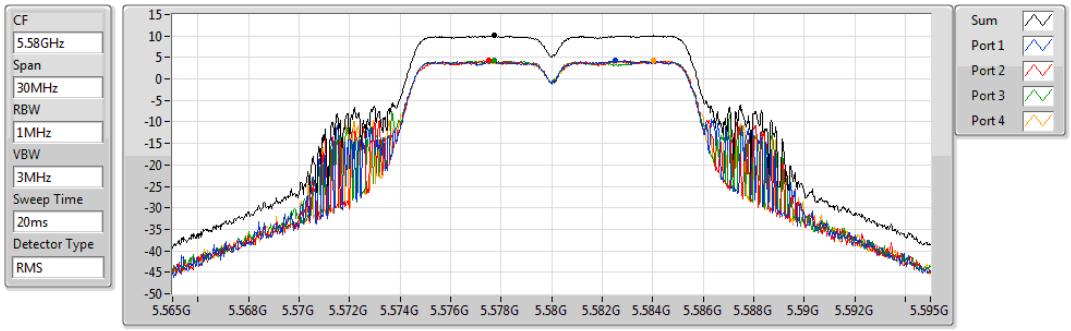
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.24	10.24	4.27	4.31	4.75	4.29

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

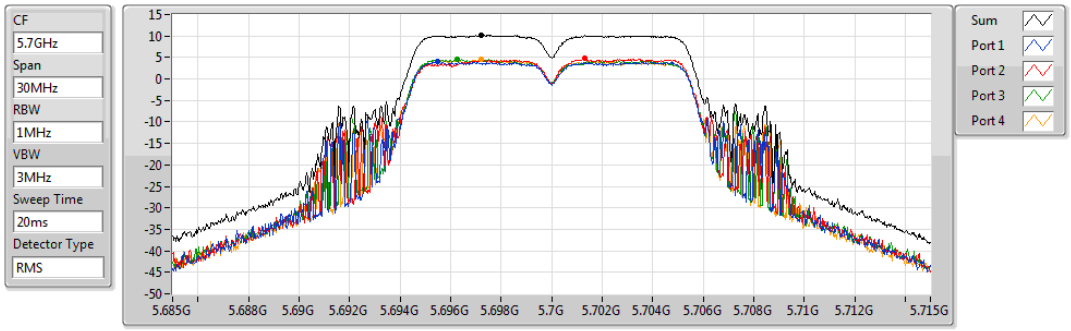
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.06	10.06	4.32	4.34	4.22	4.29

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

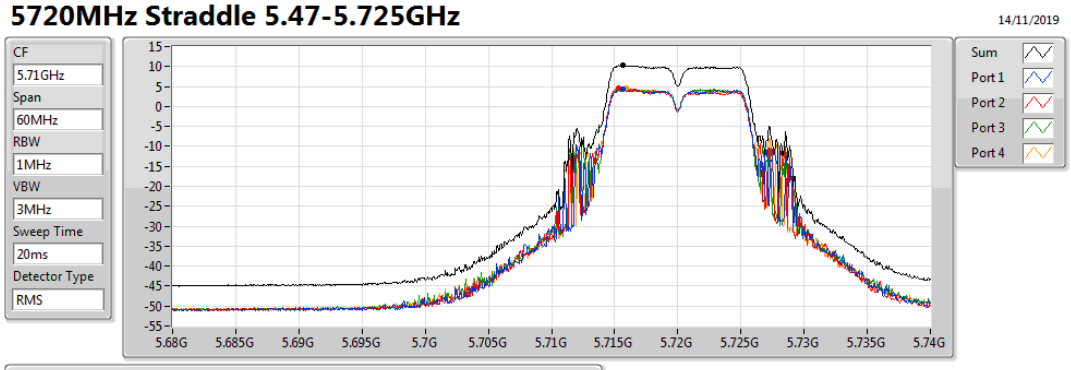
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	3.96	4.75	4.58	4.55

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

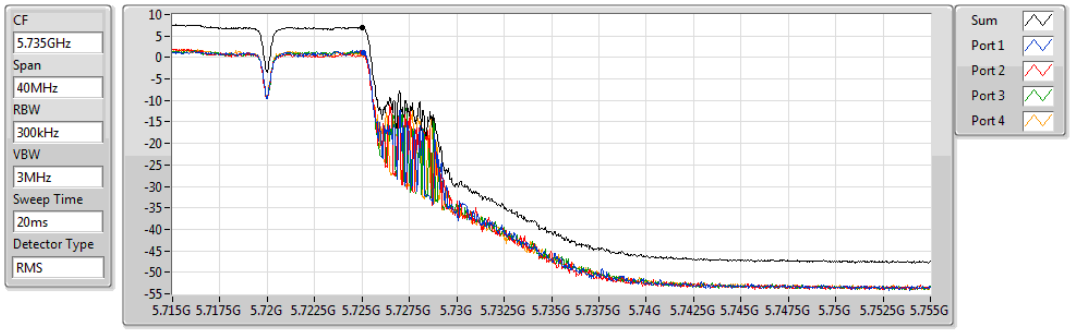
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	4.21	4.57	4.38	4.50

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

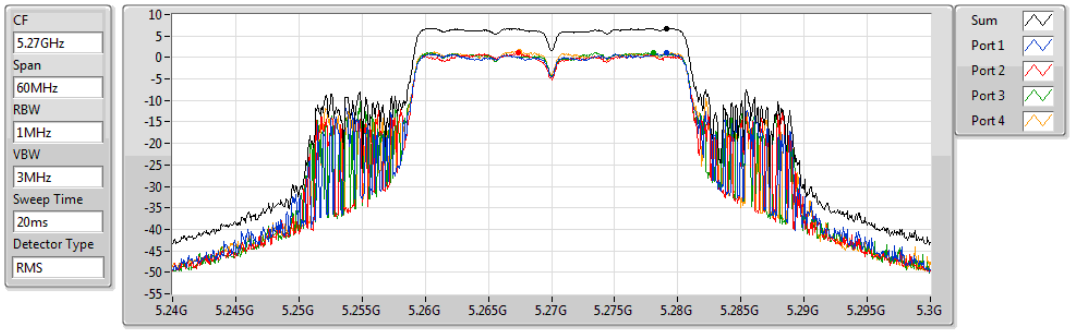
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	1.24	1.00	1.11	0.97

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

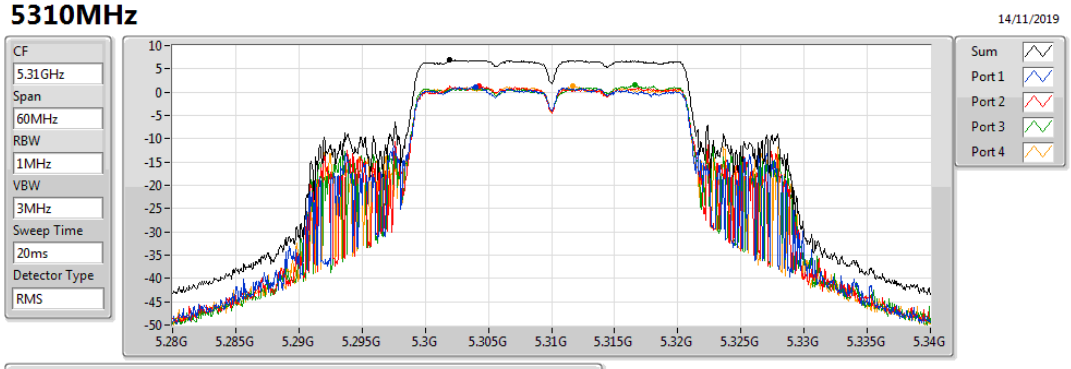
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.80	6.80	0.99	1.00	1.22	1.31

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

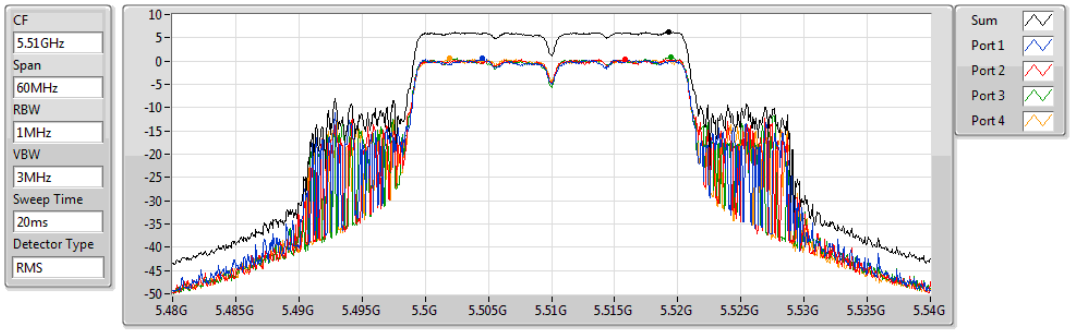
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.85	6.85	1.19	1.28	1.45	1.22

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

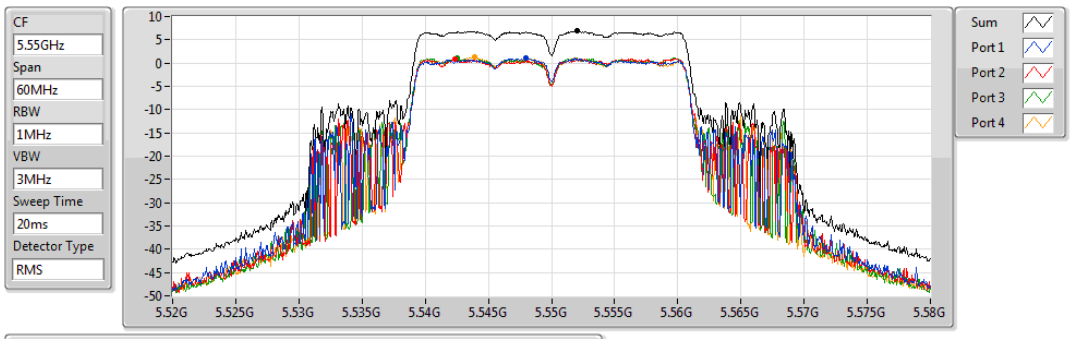
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	0.51	0.39	0.88	0.68

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

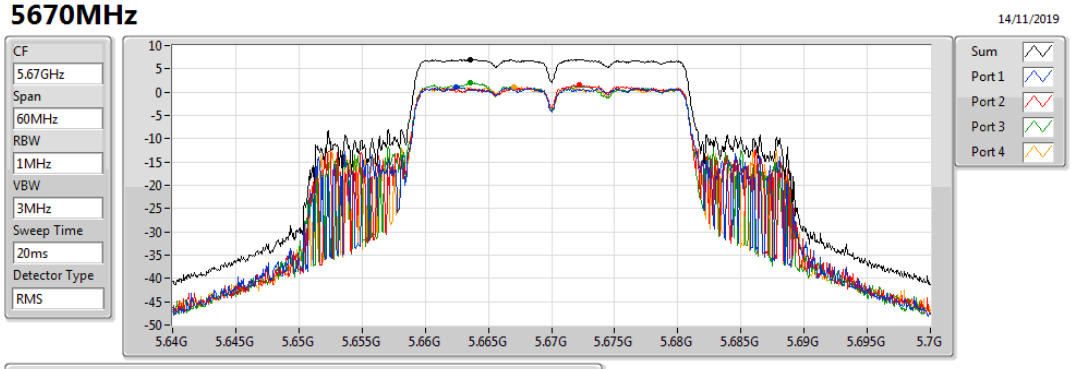
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.88	6.88	1.09	0.94	1.11	1.29

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

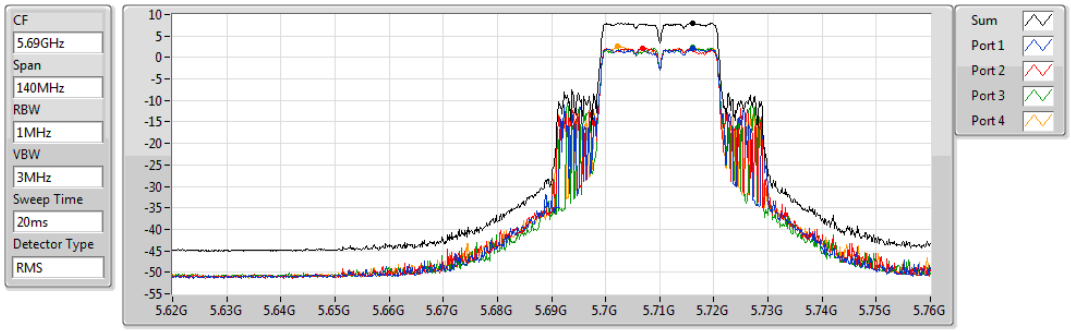
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.07	7.07	1.09	1.55	1.95	1.21

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

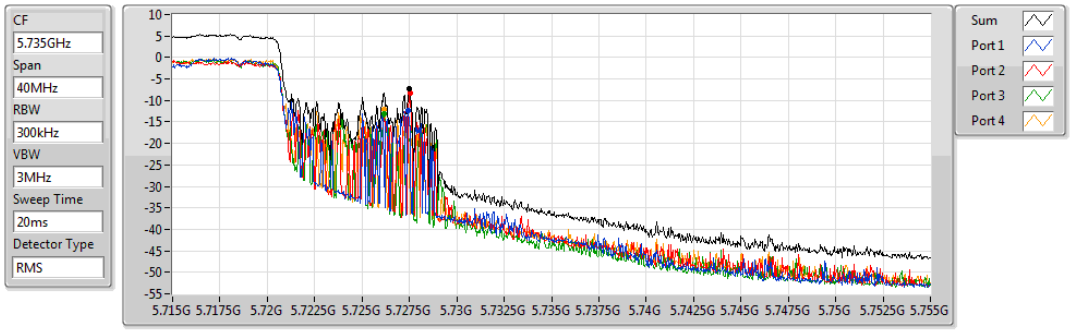
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.07	8.07	2.09	2.19	2.35	2.66

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

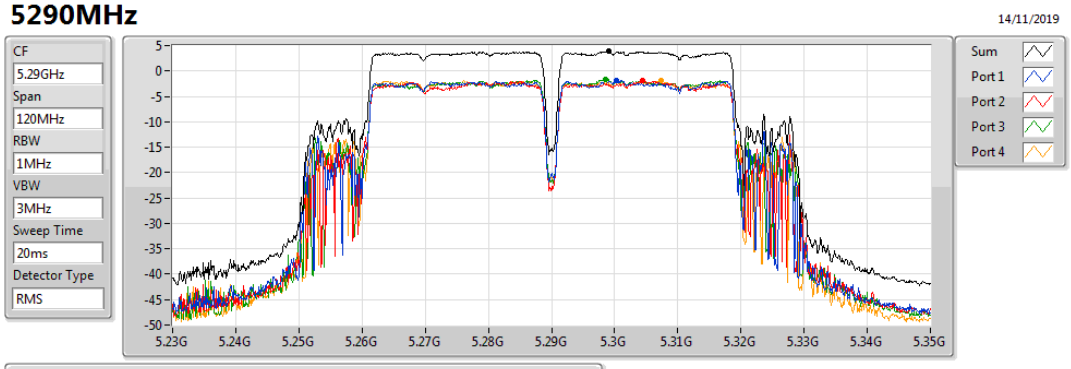
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.28	-7.28	-12.39	-8.36	-13.11	-11.98

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

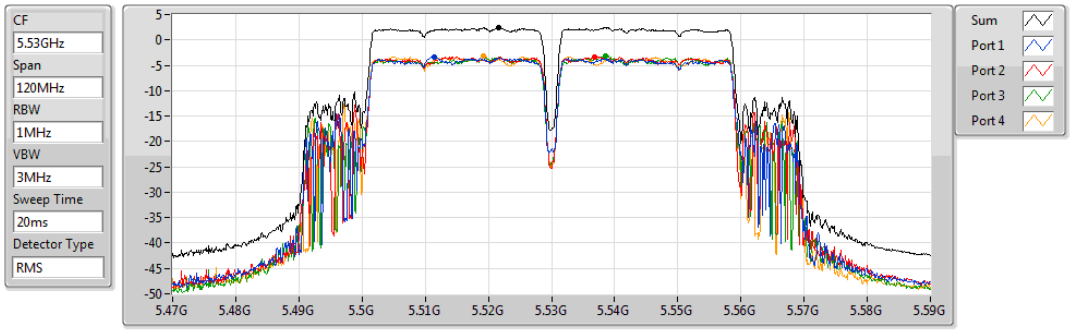
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.84	3.84	-1.82	-1.98	-1.69	-1.93

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

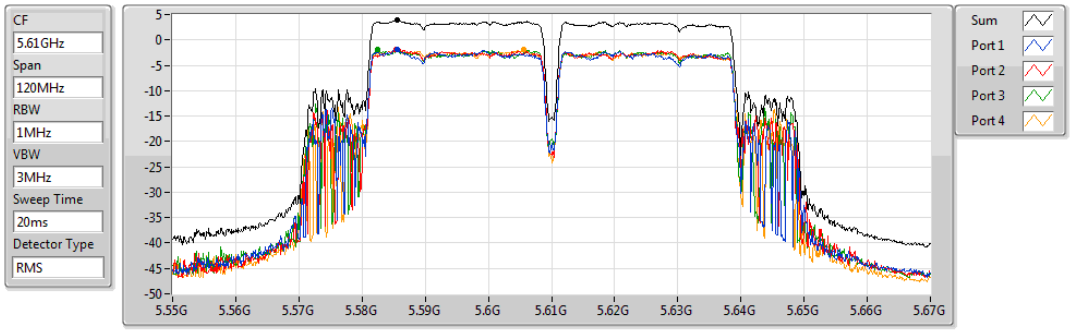
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.46	2.46	-3.45	-3.29	-3.07	-3.19

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

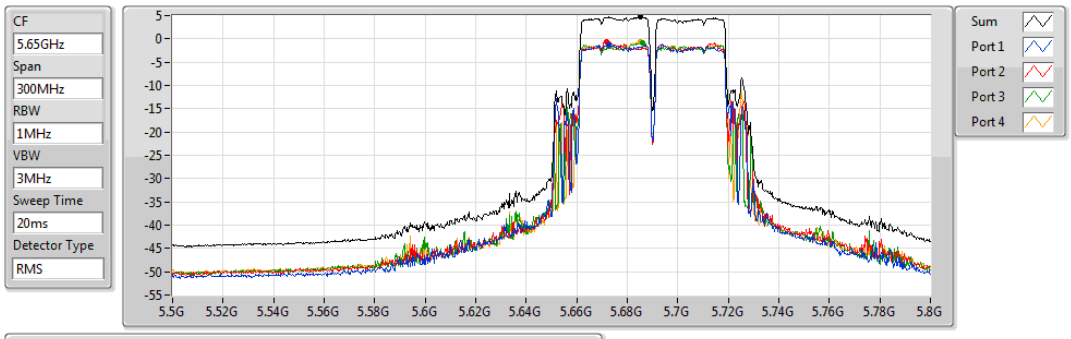


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.99	3.99	-1.96	-1.95	-1.98	-1.88

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

14/11/2019

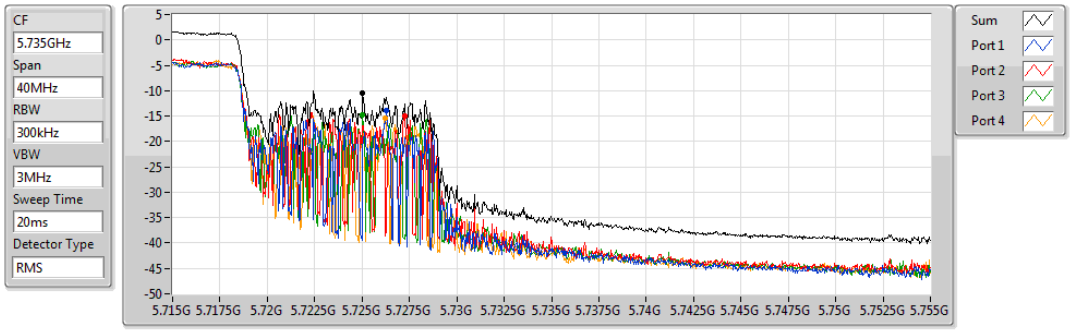


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	-1.23	-0.57	-0.79	-0.71

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

14/11/2019

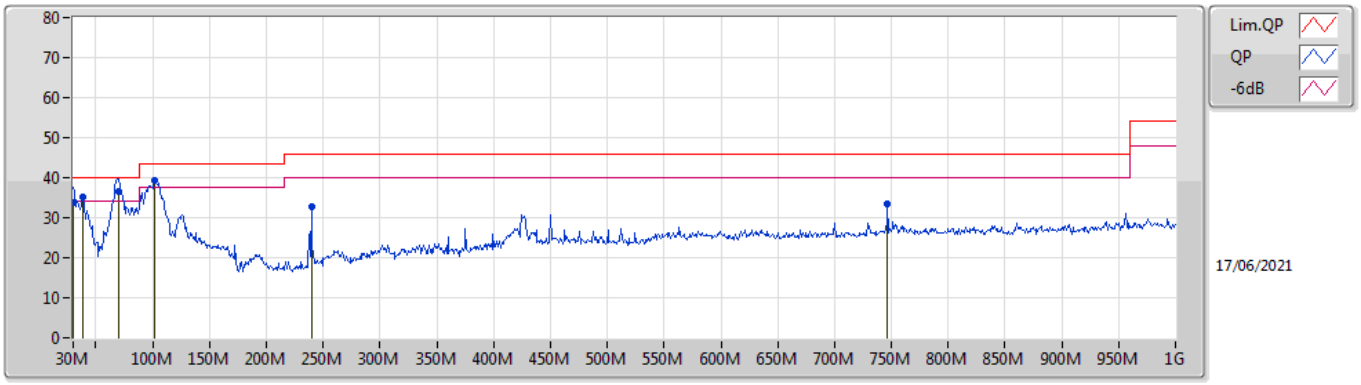


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.57	-10.57	-13.86	-15.05	-14.73	-15.31

Summary

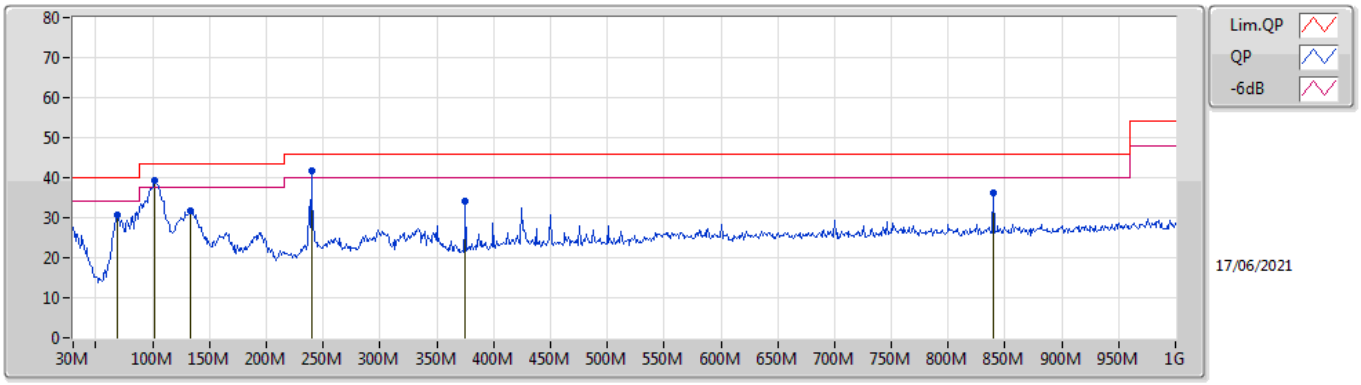
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 2	Pass	QP	69.77M	36.59	40.00	-3.41	Vertical

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
QP	30M	33.70	40.00	-6.30	-7.39	3	Vertical	275	1.00	-	41.09	23.49	0.50	31.38
PK	38.73M	35.30	40.00	-4.70	-12.16	3	Vertical	359	1.00	-	47.46	18.80	0.60	31.56
QP	69.77M	36.59	40.00	-3.41	-19.54	3	Vertical	275	2.00	"Worst"	56.13	11.49	0.80	31.83
PK	101.78M	39.45	43.50	-4.05	-14.89	3	Vertical	199	1.00	-	54.34	16.10	0.91	31.90
PK	240M	32.83	46.00	-13.17	-14.41	3	Vertical	108	1.25	-	47.24	16.20	1.36	31.97
PK	746.83M	33.34	46.00	-12.66	-5.58	3	Vertical	27	2.00	-	38.92	24.58	2.39	32.55

Mode 2



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB/m)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	68.8M	30.76	40.00	-9.24	-19.68	3	Horizontal	193	2.00	-	50.44	11.36	0.78	31.82
PK	101.78M	39.20	43.50	-4.30	-14.89	3	Horizontal	115	2.00	"Worst"	54.09	16.10	0.91	31.90
PK	133.79M	31.77	43.50	-11.73	-14.17	3	Horizontal	56	2.00	-	45.94	16.63	1.07	31.87
PK	240M	41.68	46.00	-4.32	-14.41	3	Horizontal	360	1.25	-	56.09	16.20	1.36	31.97
PK	375.32M	34.27	46.00	-11.73	-10.52	3	Horizontal	89	1.00	-	44.79	19.92	1.65	32.09
PK	839.95M	36.20	46.00	-9.80	-4.92	3	Horizontal	359	1.00	-	41.12	25.11	2.50	32.53

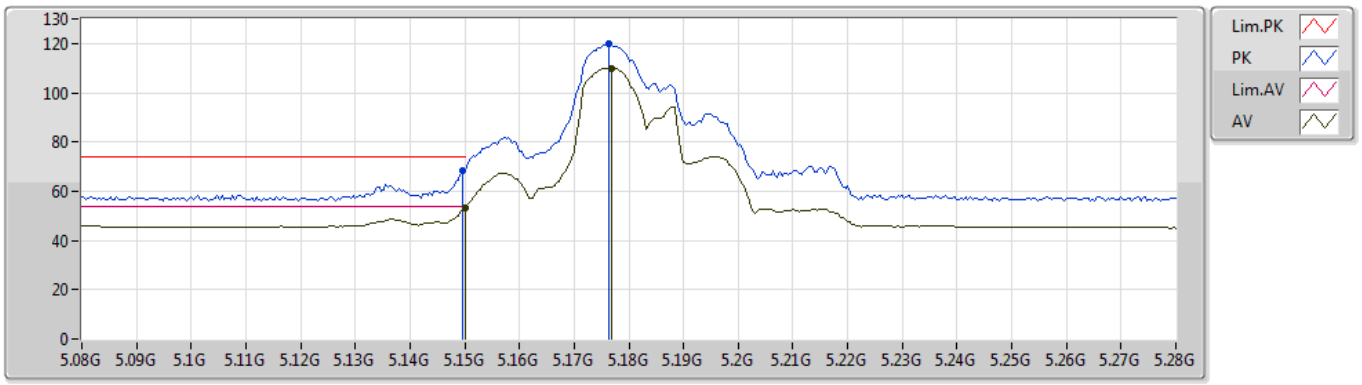
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_4TX	Pass	AV	5.1448G	53.99	54.00	-0.01	4.24	3	Vertical	310	2.14	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

14/09/2019



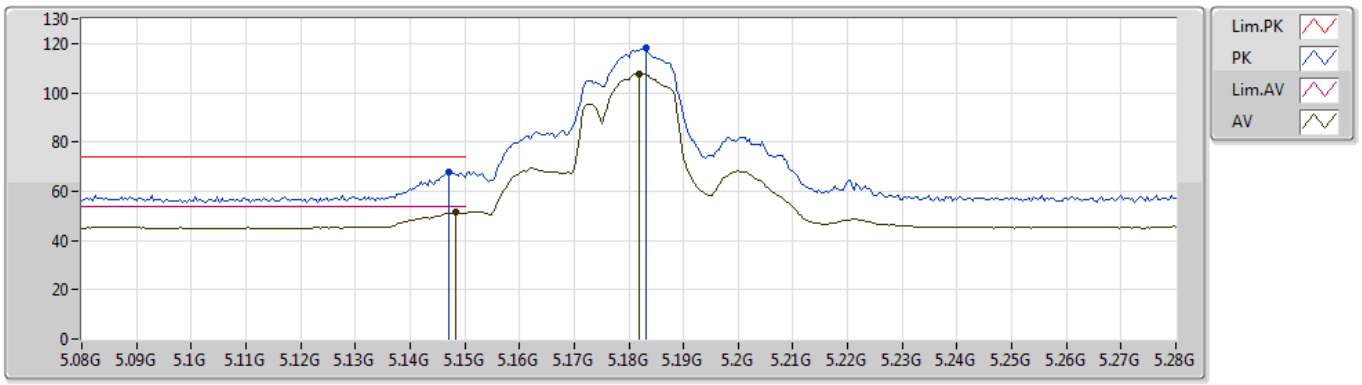
EUT Y_4TX
Setting 21
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1496G	68.13	74.00	-5.87	4.25	3	Vertical	303	1.80	-	63.88
AV	5.15G	53.18	54.00	-0.82	4.25	3	Vertical	303	1.80	-	48.93
PK	5.1764G	119.83	Inf	-Inf	4.26	3	Vertical	303	1.80	-	115.57
AV	5.1768G	110.09	Inf	-Inf	4.26	3	Vertical	303	1.80	-	105.83

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

14/09/2019



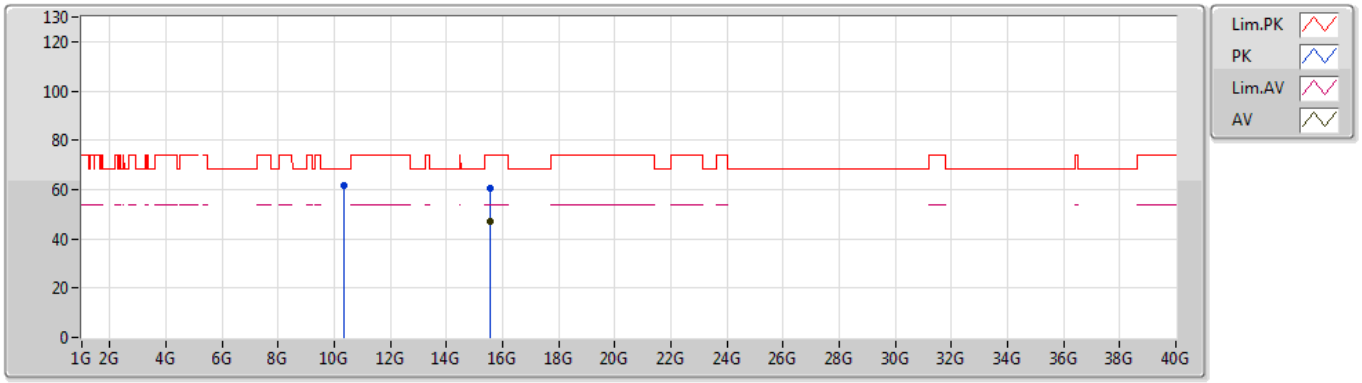
EUT Y_4TX
Setting 21
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1472G	67.96	74.00	-6.04	4.25	3	Horizontal	328	2.92	-	63.71
AV	5.1484G	51.41	54.00	-2.59	4.25	3	Horizontal	328	2.92	-	47.16
PK	5.1832G	118.32	Inf	-Inf	4.26	3	Horizontal	328	2.92	-	114.06
AV	5.182G	107.73	Inf	-Inf	4.26	3	Horizontal	328	2.92	-	103.47

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

14/09/2019



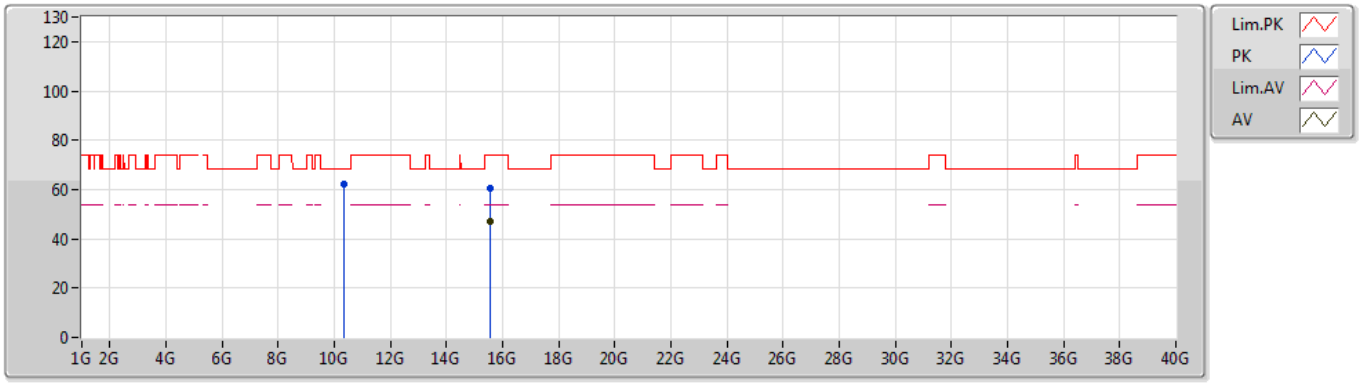
EUT Y_4TX
Setting 21
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.35886G	61.79	68.20	-6.41	10.85	3	Vertical	336	1.93	-	50.94
PK	15.54834G	60.39	74.00	-13.61	14.44	3	Vertical	78	1.32	-	45.95
AV	15.5455G	46.97	54.00	-7.03	14.45	3	Vertical	78	1.32	-	32.52

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

14/09/2019



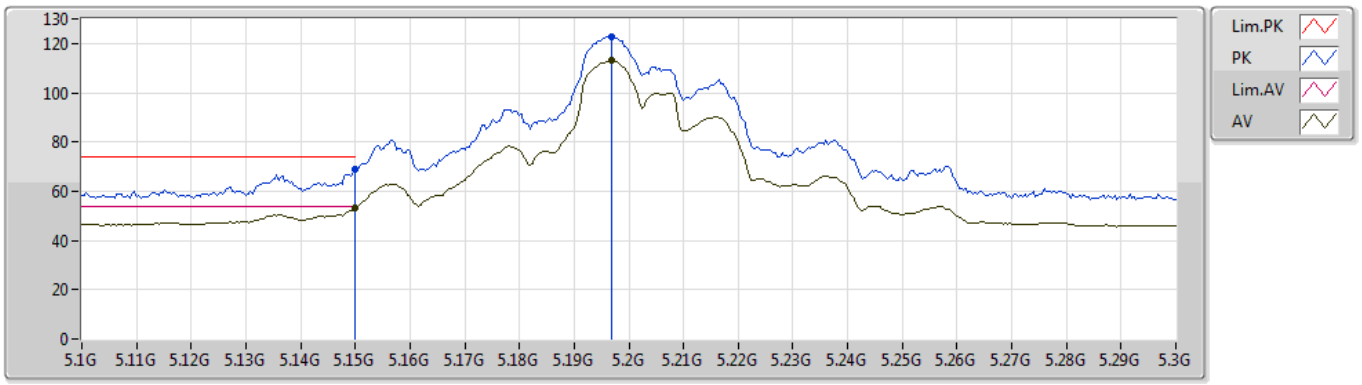
EUT Y_4TX
Setting 21
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.3651G	62.08	68.20	-6.12	10.85	3	Horizontal	56	2.32	-	51.23
PK	15.54282G	60.46	74.00	-13.54	14.45	3	Horizontal	139	1.50	-	46.01
AV	15.55356G	46.91	54.00	-7.09	14.44	3	Horizontal	139	1.50	-	32.47

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

14/09/2019



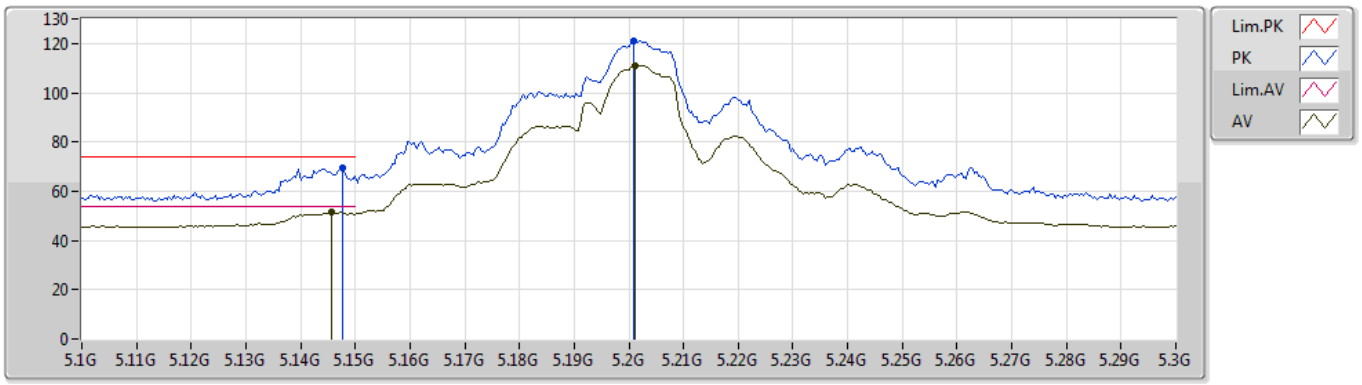
EUT Y_4TX
Setting 25
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	68.65	74.00	-5.35	4.25	3	Vertical	303	1.72	-	64.40
AV	5.15G	53.02	54.00	-0.98	4.25	3	Vertical	303	1.72	-	48.77
PK	5.1968G	122.90	Inf	-Inf	4.27	3	Vertical	303	1.72	-	118.63
AV	5.1968G	113.02	Inf	-Inf	4.27	3	Vertical	303	1.72	-	108.75

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

14/09/2019



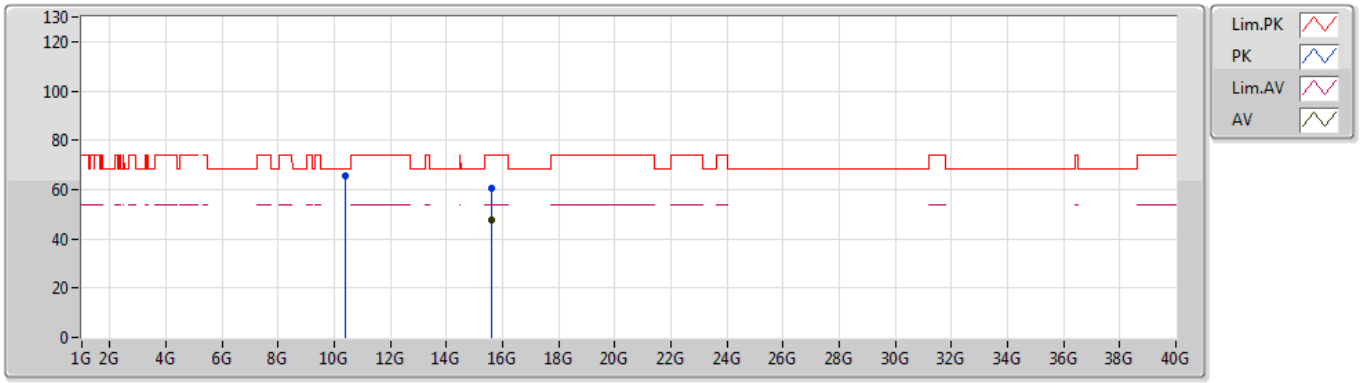
EUT Y_4TX
Setting 25
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1476G	69.28	74.00	-4.72	4.25	3	Horizontal	329	2.88	-	65.03
AV	5.1456G	51.82	54.00	-2.18	4.25	3	Horizontal	329	2.88	-	47.57
PK	5.2008G	121.31	Inf	-Inf	4.27	3	Horizontal	329	2.88	-	117.04
AV	5.2012G	111.22	Inf	-Inf	4.27	3	Horizontal	329	2.88	-	106.95

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

14/09/2019



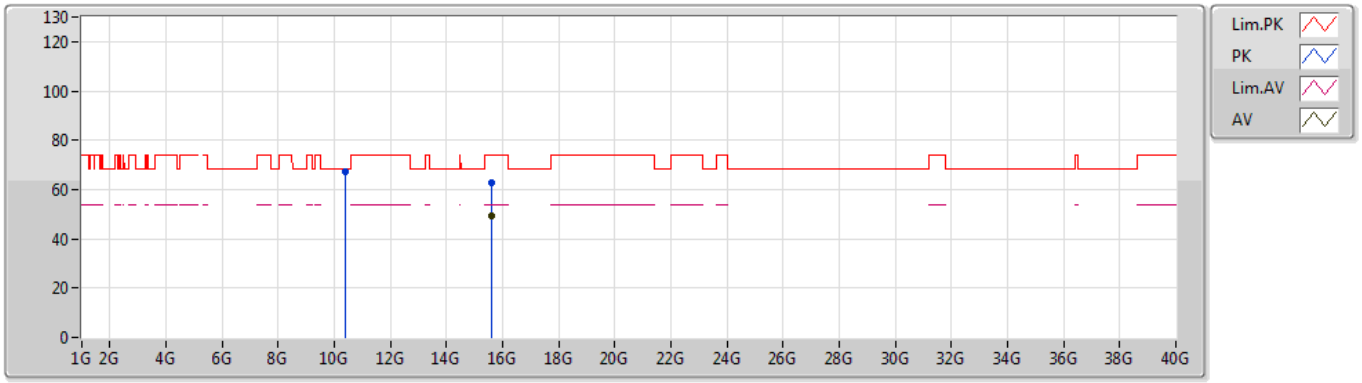
EUT Y_4TX
Setting 25
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.4006G	65.42	68.20	-2.78	10.91	3	Vertical	337	1.97	-	54.51
PK	15.60774G	60.57	74.00	-13.43	14.38	3	Vertical	328	1.57	-	46.19
AV	15.6054G	47.58	54.00	-6.42	14.38	3	Vertical	328	1.57	-	33.20

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

14/09/2019



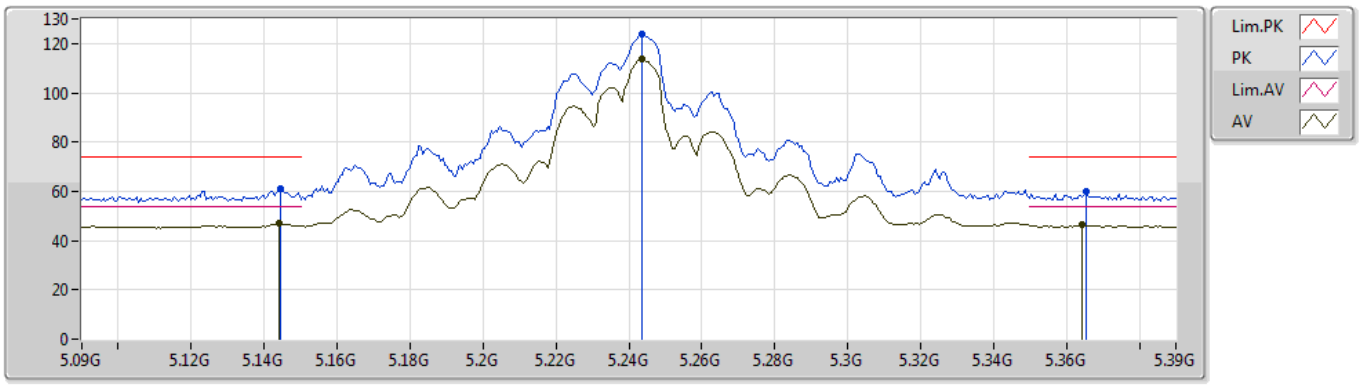
EUT Y_4TX
Setting 25
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.40048G	67.37	68.20	-0.83	10.91	3	Horizontal	352	2.40	-	56.46
PK	15.59496G	62.99	74.00	-11.01	14.39	3	Horizontal	320	2.14	-	48.60
AV	15.59472G	49.32	54.00	-4.68	14.39	3	Horizontal	320	2.14	-	34.93

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

14/09/2019



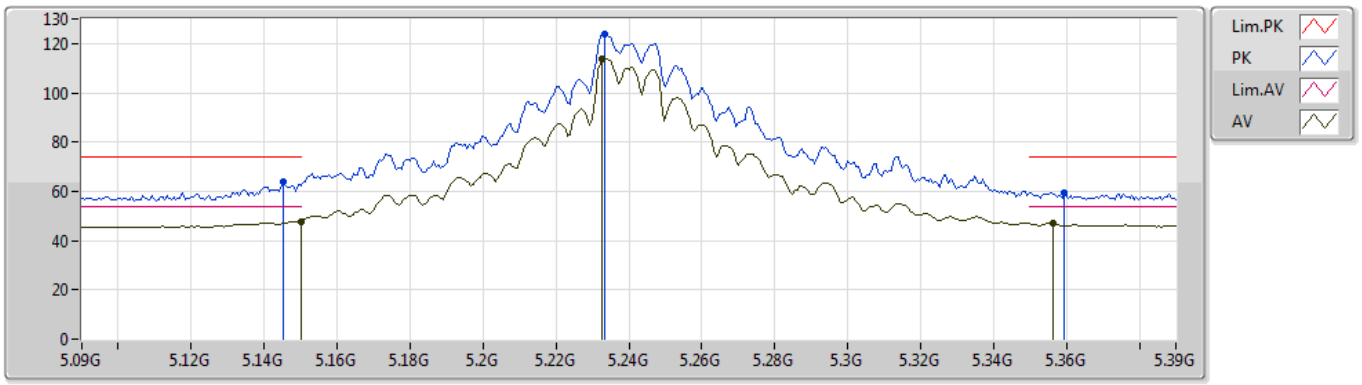
EUT Y_4TX
Setting 26
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1446G	61.31	74.00	-12.69	4.24	3	Vertical	287	1.44	-	57.07
AV	5.144G	46.88	54.00	-7.12	4.24	3	Vertical	287	1.44	-	42.64
PK	5.2436G	123.57	Inf	-Inf	4.43	3	Vertical	287	1.44	-	119.14
AV	5.2436G	113.49	Inf	-Inf	4.43	3	Vertical	287	1.44	-	109.06
PK	5.3654G	60.22	74.00	-13.78	4.87	3	Vertical	287	1.44	-	55.35
AV	5.3642G	46.30	54.00	-7.70	4.86	3	Vertical	287	1.44	-	41.44

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

14/09/2019



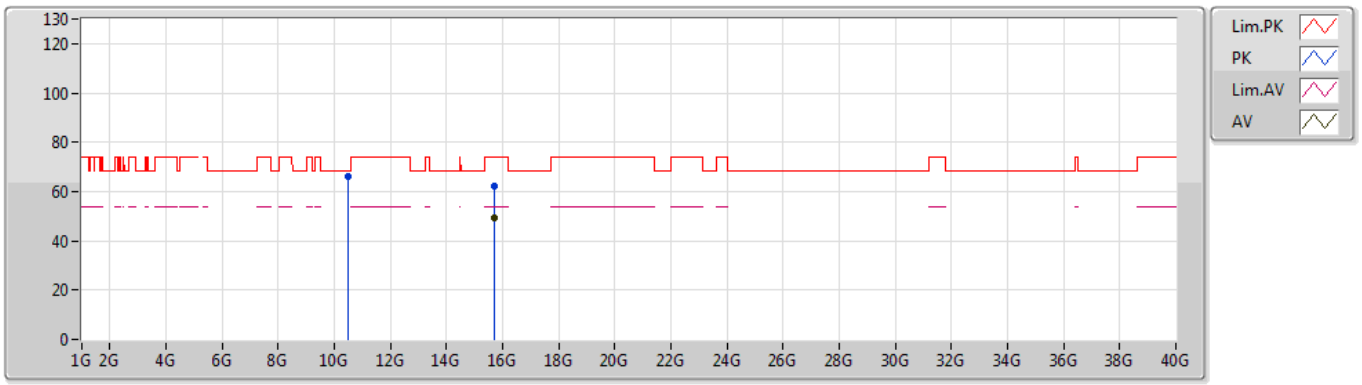
EUT Y_4TX
Setting 26
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1452G	63.79	74.00	-10.21	4.25	3	Horizontal	56	2.50	-	59.54
AV	5.15G	47.85	54.00	-6.15	4.25	3	Horizontal	56	2.50	-	43.60
PK	5.2334G	123.73	Inf	-Inf	4.39	3	Horizontal	56	2.50	-	119.34
AV	5.2328G	113.66	Inf	-Inf	4.39	3	Horizontal	56	2.50	-	109.27
PK	5.3594G	59.45	74.00	-14.55	4.85	3	Horizontal	56	2.50	-	54.60
AV	5.3564G	47.05	54.00	-6.95	4.83	3	Horizontal	56	2.50	-	42.22

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

14/09/2019



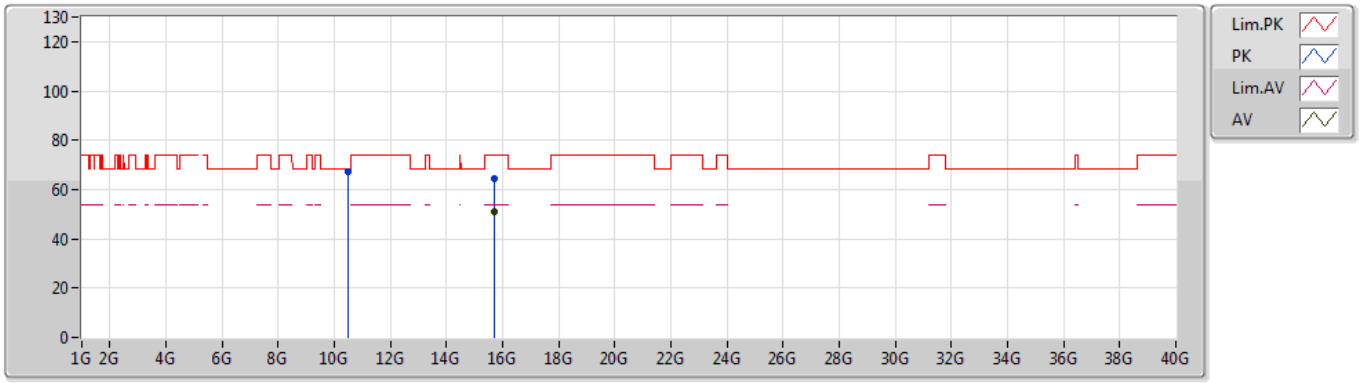
EUT Y_4TX
Setting 26
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.47436G	66.06	68.20	-2.14	11.00	3	Vertical	339	1.95	-	55.06
PK	15.71808G	62.28	74.00	-11.72	14.24	3	Vertical	317	2.63	-	48.04
AV	15.71856G	49.53	54.00	-4.47	14.24	3	Vertical	317	2.63	-	35.29

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

14/09/2019



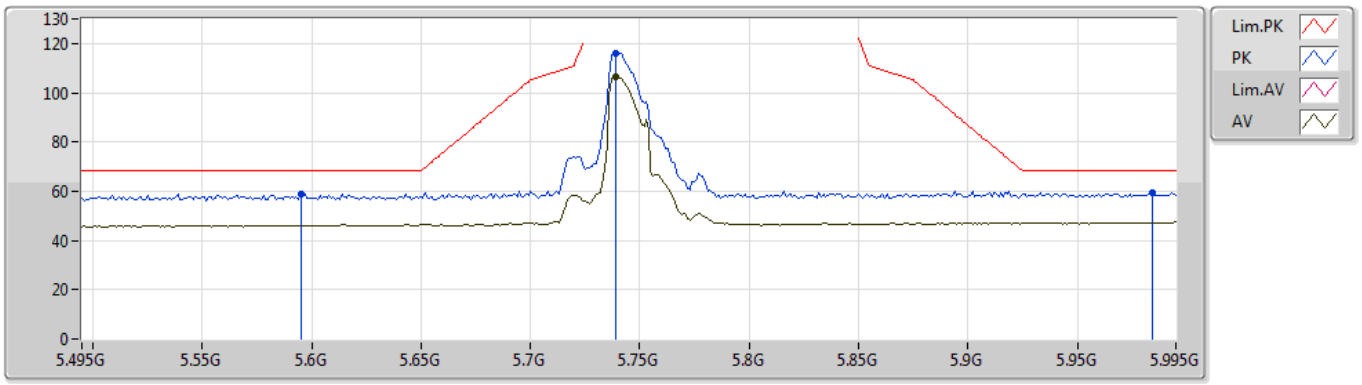
EUT Y_4TX
Setting 26
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.48018G	67.44	68.20	-0.76	11.02	3	Horizontal	354	2.33	-	56.42
PK	15.71706G	64.16	74.00	-9.84	14.24	3	Horizontal	316	2.36	-	49.92
AV	15.71538G	51.13	54.00	-2.87	14.24	3	Horizontal	316	2.36	-	36.89

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

14/09/2019



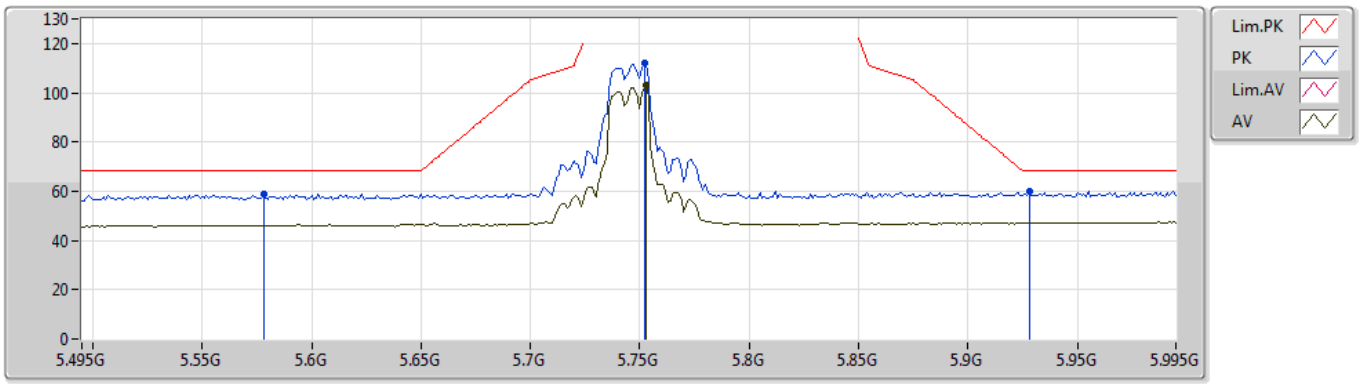
EUT Y_4TX
Setting 19.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.595G	59.03	68.20	-9.17	5.63	3	Vertical	292	1.48	-	53.40
PK	5.739G	116.05	Inf	-Inf	5.83	3	Vertical	292	1.48	-	110.22
AV	5.739G	106.66	Inf	-Inf	5.83	3	Vertical	292	1.48	-	100.83
PK	5.984G	59.36	68.20	-8.84	7.07	3	Vertical	292	1.48	-	52.29

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

14/09/2019



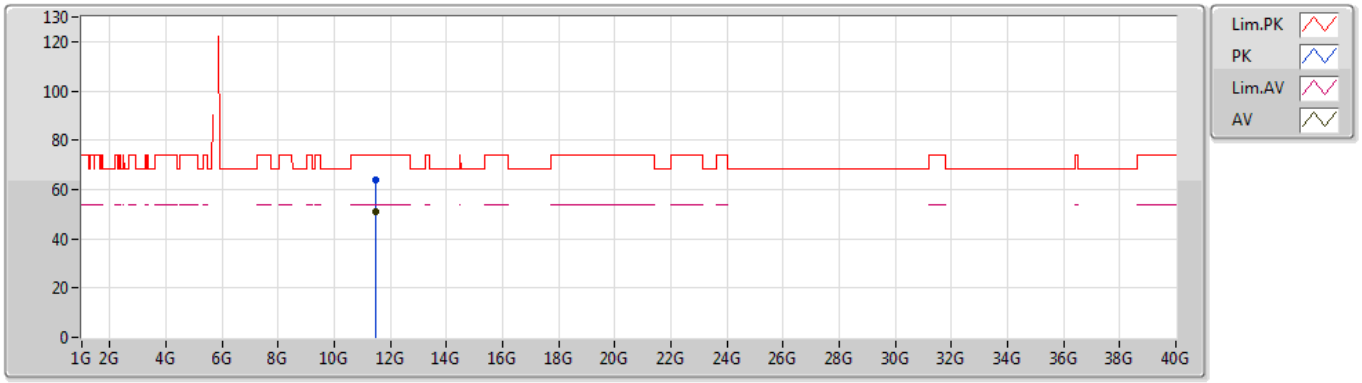
EUT Y_4TX
Setting 19.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.578G	59.06	68.20	-9.14	5.58	3	Horizontal	43	2.34	-	53.48
PK	5.752G	111.98	Inf	-Inf	5.85	3	Horizontal	43	2.34	-	106.13
AV	5.753G	102.88	Inf	-Inf	5.86	3	Horizontal	43	2.34	-	97.02
PK	5.928G	60.03	68.20	-8.17	6.82	3	Horizontal	43	2.34	-	53.21

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

14/09/2019



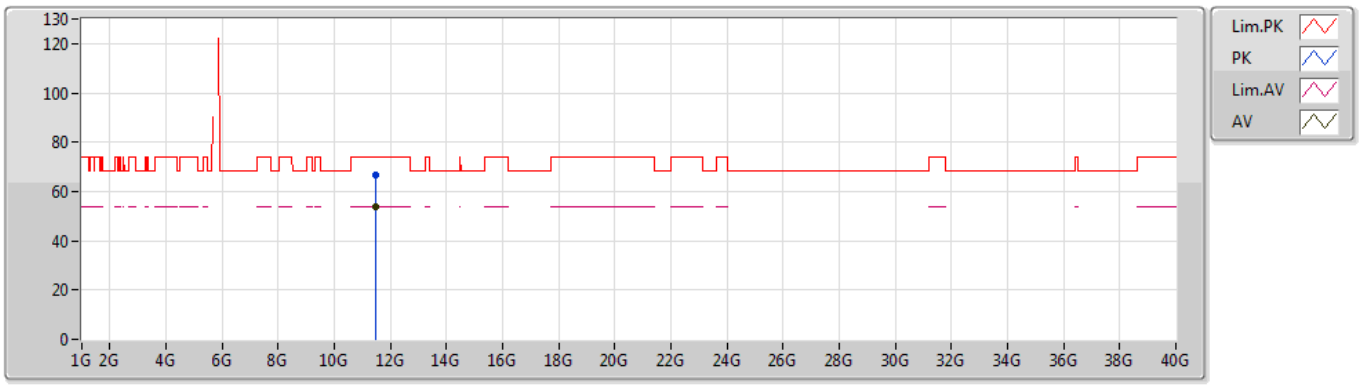
EUT Y_4TX
Setting 19.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.49138G	64.08	74.00	-9.92	11.93	3	Vertical	333	2.00	-	52.15
AV	11.48994G	50.85	54.00	-3.15	11.93	3	Vertical	333	2.00	-	38.92

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

14/09/2019



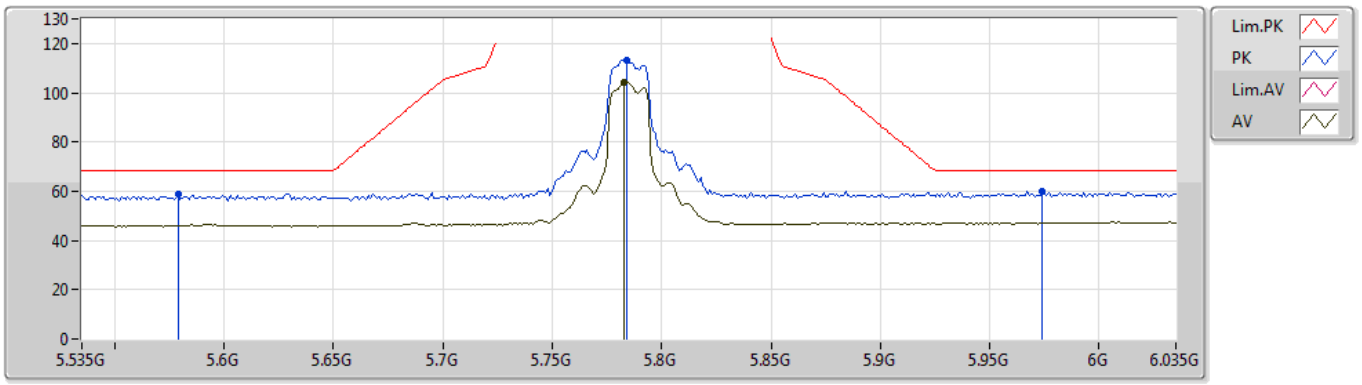
EUT Y_4TX
Setting 19.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.49126G	66.91	74.00	-7.09	11.93	3	Horizontal	12	2.26	-	54.98
AV	11.49006G	53.63	54.00	-0.37	11.93	3	Horizontal	12	2.26	-	41.70

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

14/09/2019



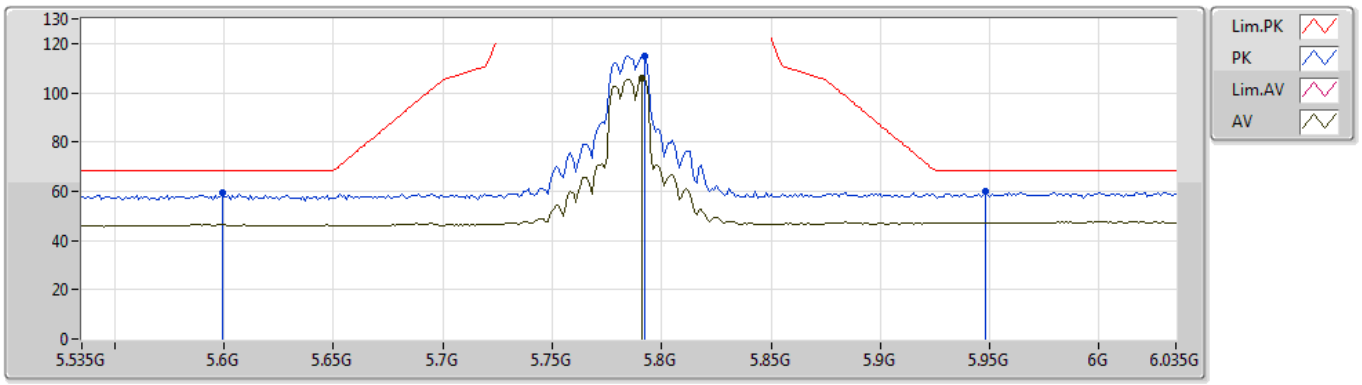
EUT Y_4TX
Setting 19.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.579G	58.93	68.20	-9.27	5.58	3	Vertical	291	1.49	-	53.35
PK	5.784G	113.38	Inf	-Inf	5.92	3	Vertical	291	1.49	-	107.46
AV	5.783G	104.26	Inf	-Inf	5.92	3	Vertical	291	1.49	-	98.34
PK	5.974G	59.83	68.20	-8.37	7.04	3	Vertical	291	1.49	-	52.79

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

14/09/2019



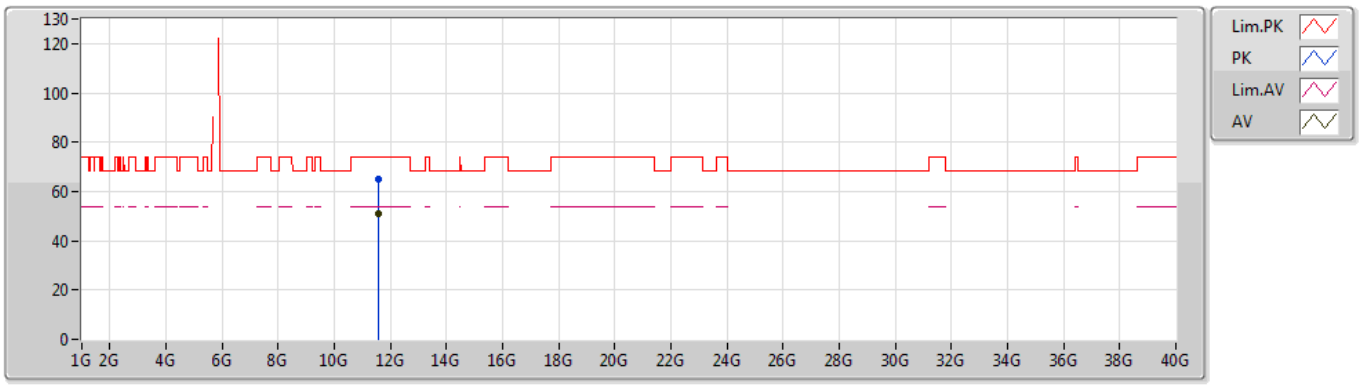
EUT Y_4TX
Setting 19.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.599G	59.14	68.20	-9.06	5.64	3	Horizontal	72	2.99	-	53.50
PK	5.792G	115.13	Inf	-Inf	5.94	3	Horizontal	72	2.99	-	109.19
AV	5.791G	105.89	Inf	-Inf	5.94	3	Horizontal	72	2.99	-	99.95
PK	5.948G	59.89	68.20	-8.31	6.91	3	Horizontal	72	2.99	-	52.98

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

14/09/2019



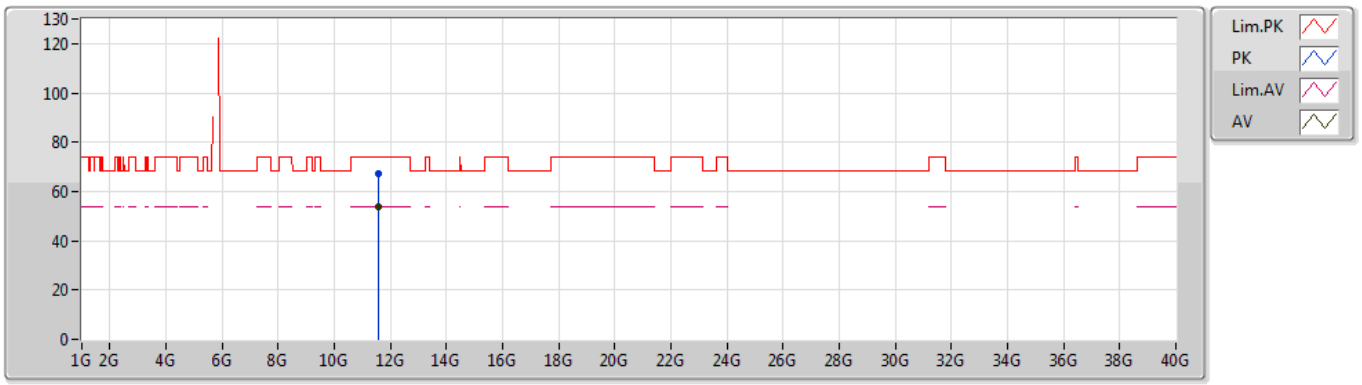
EUT Y_4TX
Setting 19.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5724G	64.77	74.00	-9.23	11.95	3	Vertical	333	2.00	-	52.82
AV	11.57198G	51.08	54.00	-2.92	11.95	3	Vertical	333	2.00	-	39.13

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

14/09/2019



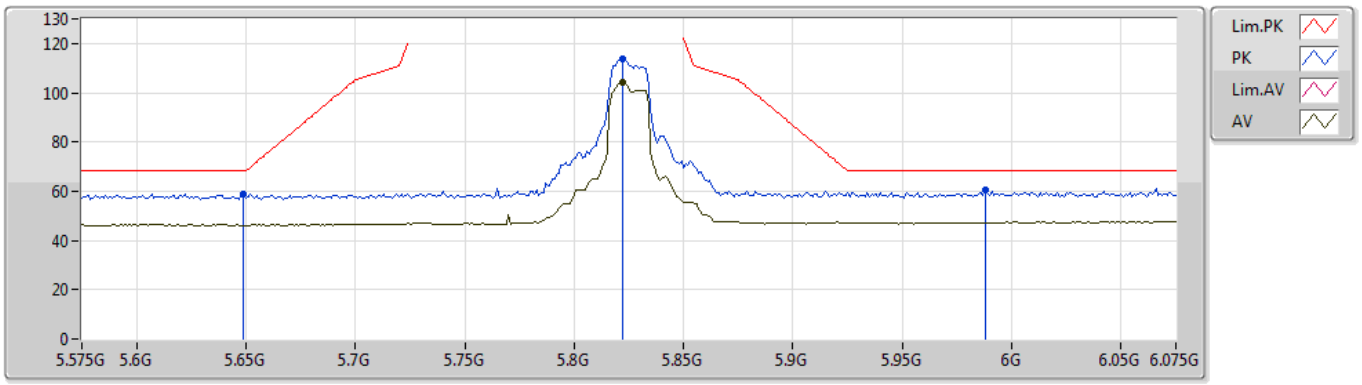
EUT Y_4TX
Setting 19.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57024G	67.51	74.00	-6.49	11.95	3	Horizontal	19	2.22	-	55.56
AV	11.5703G	53.95	54.00	-0.05	11.95	3	Horizontal	19	2.22	-	42.00

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

14/09/2019



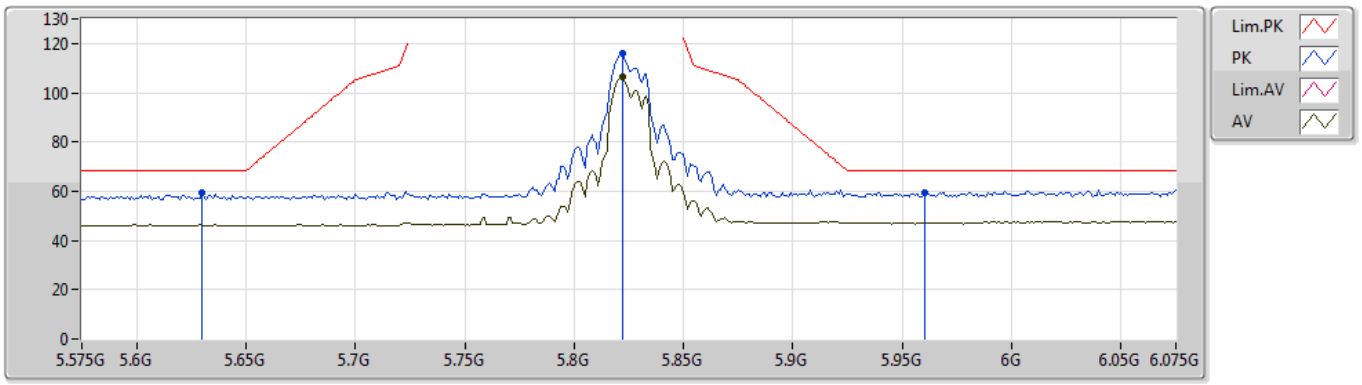
EUT Y_4TX
Setting 19.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.649G	58.92	68.20	-9.28	5.69	3	Vertical	301	1.64	-	53.23
PK	5.822G	114.01	Inf	-Inf	6.12	3	Vertical	301	1.64	-	107.89
AV	5.822G	104.36	Inf	-Inf	6.12	3	Vertical	301	1.64	-	98.24
PK	5.988G	60.72	68.20	-7.48	7.09	3	Vertical	301	1.64	-	53.63

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

14/09/2019



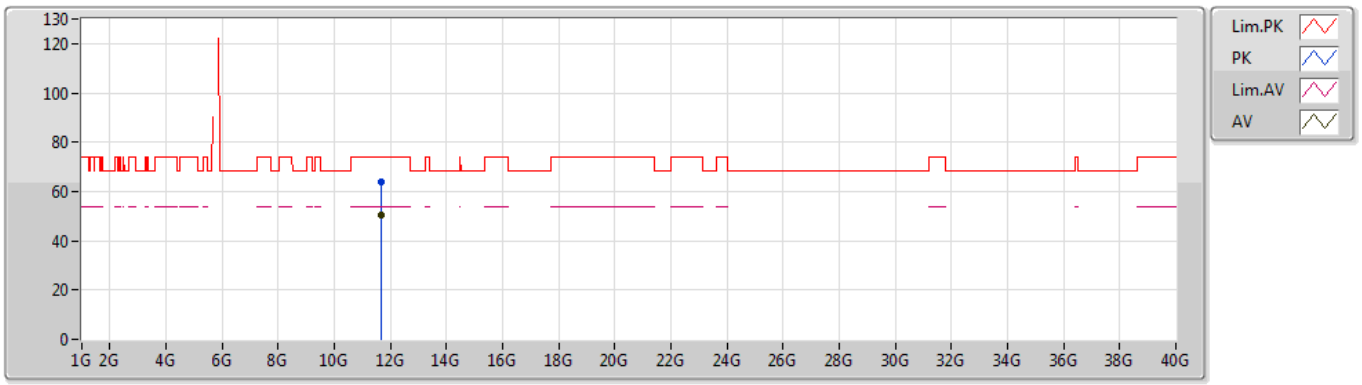
EUT Y_4TX
Setting 19.5
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.63G	59.38	68.20	-8.82	5.67	3	Horizontal	49	2.07	-	53.71
PK	5.822G	115.83	Inf	-Inf	6.12	3	Horizontal	49	2.07	-	109.71
AV	5.822G	106.30	Inf	-Inf	6.12	3	Horizontal	49	2.07	-	100.18
PK	5.96G	59.54	68.20	-8.66	6.97	3	Horizontal	49	2.07	-	52.57

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

14/09/2019



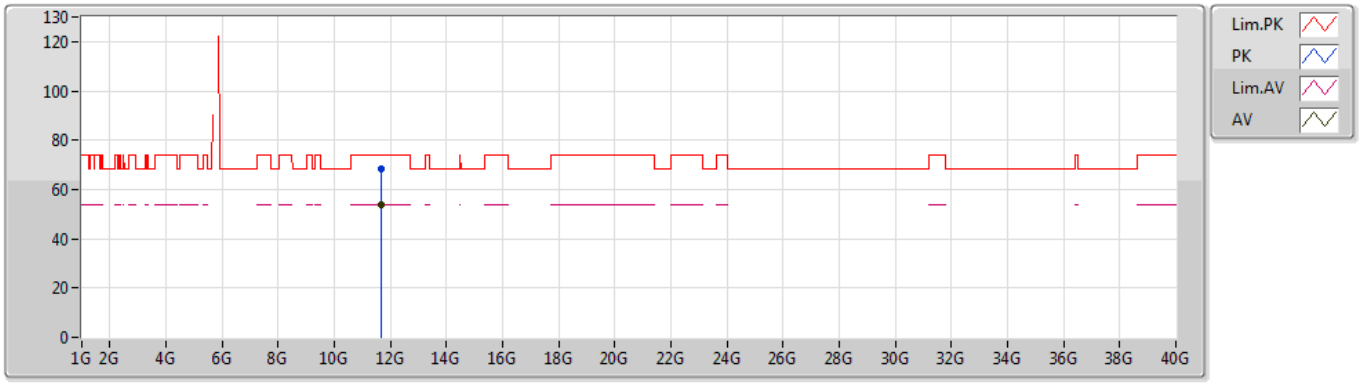
EUT Y_4TX
Setting 19.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.65114G	63.67	74.00	-10.33	11.99	3	Vertical	334	2.02	-	51.68
AV	11.65012G	50.25	54.00	-3.75	11.99	3	Vertical	334	2.02	-	38.26

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

14/09/2019



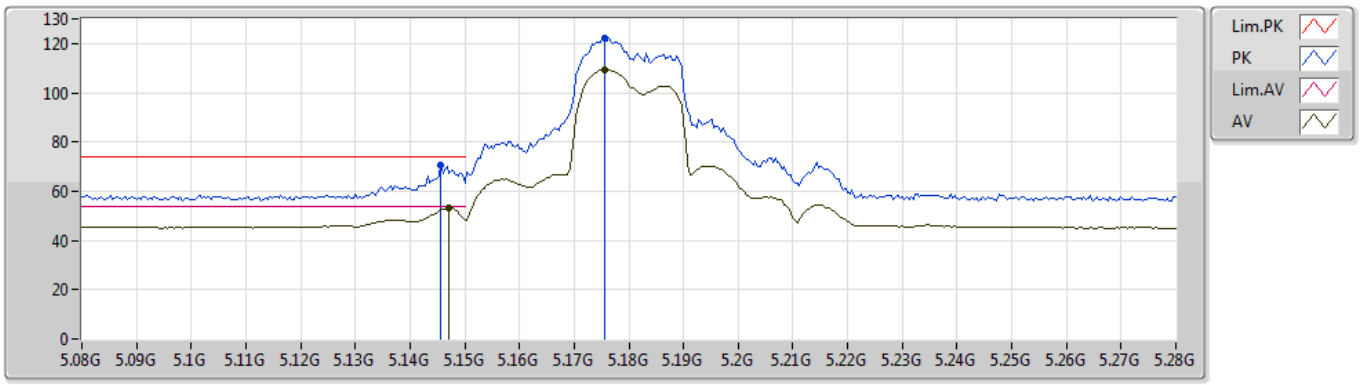
EUT Y_4TX
Setting 19.5
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.65102G	68.17	74.00	-5.83	11.99	3	Horizontal	23	2.20	-	56.18
AV	11.65012G	53.73	54.00	-0.27	11.99	3	Horizontal	23	2.20	-	41.74

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

15/09/2019



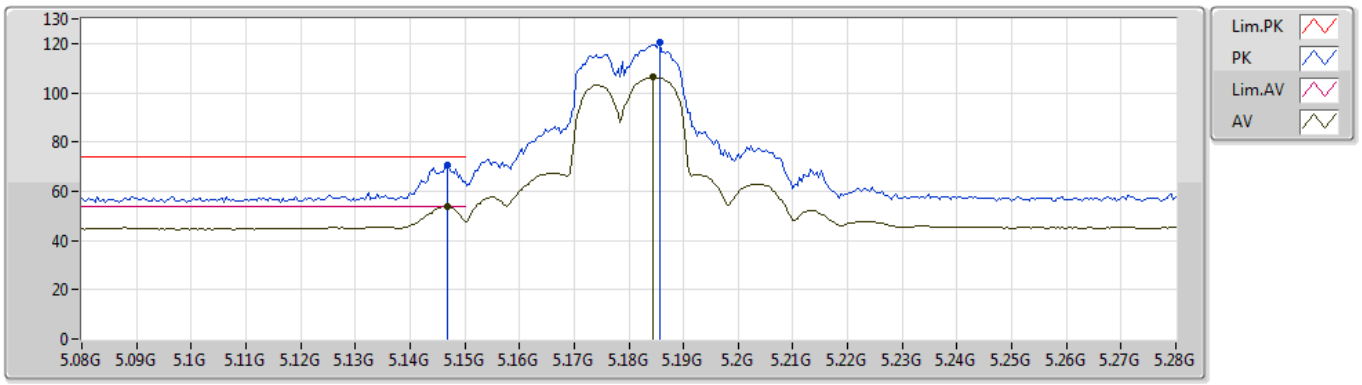
EUT Y_4TX
Setting 20
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1456G	70.38	74.00	-3.62	4.25	3	Vertical	300	2.29	-	66.13
AV	5.1472G	53.27	54.00	-0.73	4.25	3	Vertical	300	2.29	-	49.02
PK	5.1756G	122.03	Inf	-Inf	4.26	3	Vertical	300	2.29	-	117.77
AV	5.1756G	109.30	Inf	-Inf	4.26	3	Vertical	300	2.29	-	105.04

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

15/09/2019



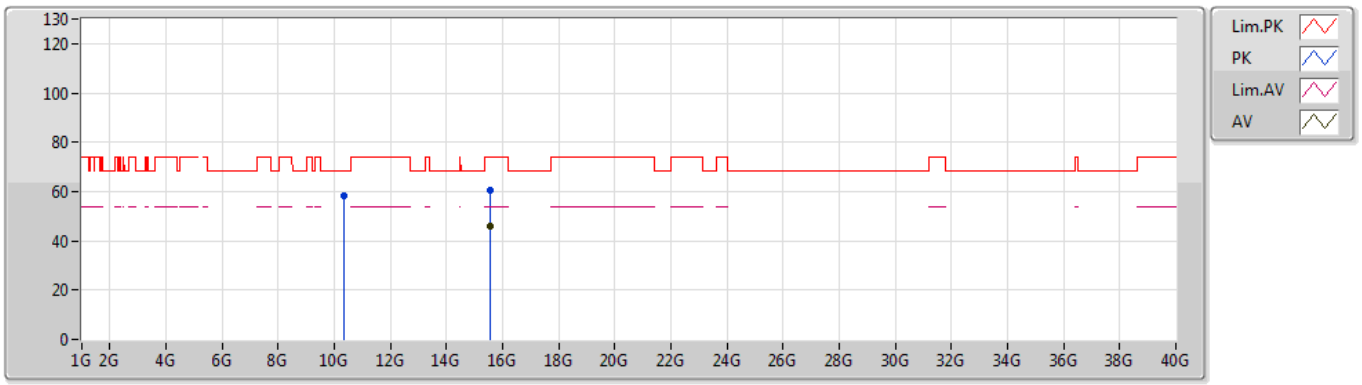
EUT Y_4TX
Setting 20
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1468G	70.49	74.00	-3.51	4.25	3	Horizontal	304	2.18	-	66.24
AV	5.1468G	53.71	54.00	-0.29	4.25	3	Horizontal	304	2.18	-	49.46
PK	5.1856G	120.21	Inf	-Inf	4.27	3	Horizontal	304	2.18	-	115.94
AV	5.1844G	106.38	Inf	-Inf	4.26	3	Horizontal	304	2.18	-	102.12

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

15/09/2019



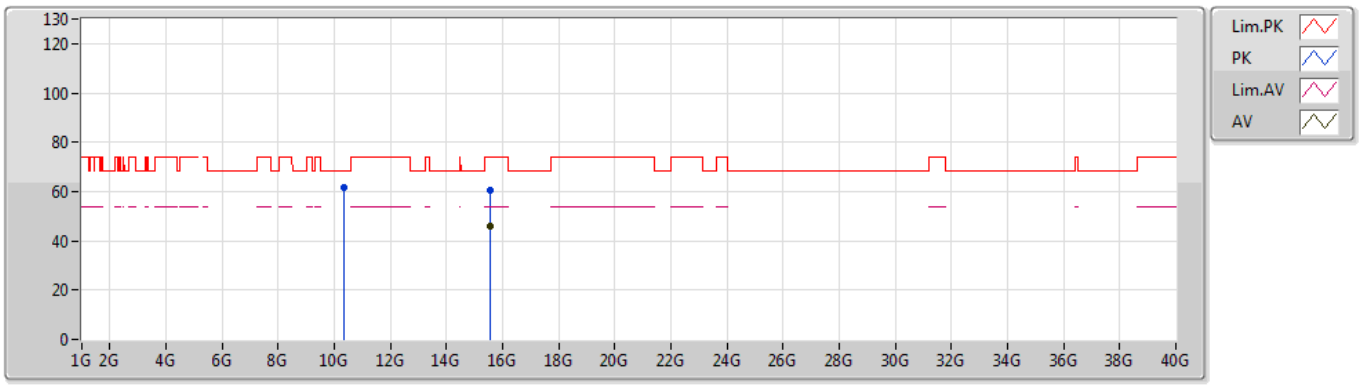
EUT Y_4TX
Setting 20
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.36036G	58.46	68.20	-9.74	10.85	3	Vertical	334	2.00	-	47.61
PK	15.54012G	60.64	74.00	-13.36	14.46	3	Vertical	142	1.37	-	46.18
AV	15.54336G	46.20	54.00	-7.80	14.45	3	Vertical	142	1.37	-	31.75

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

15/09/2019



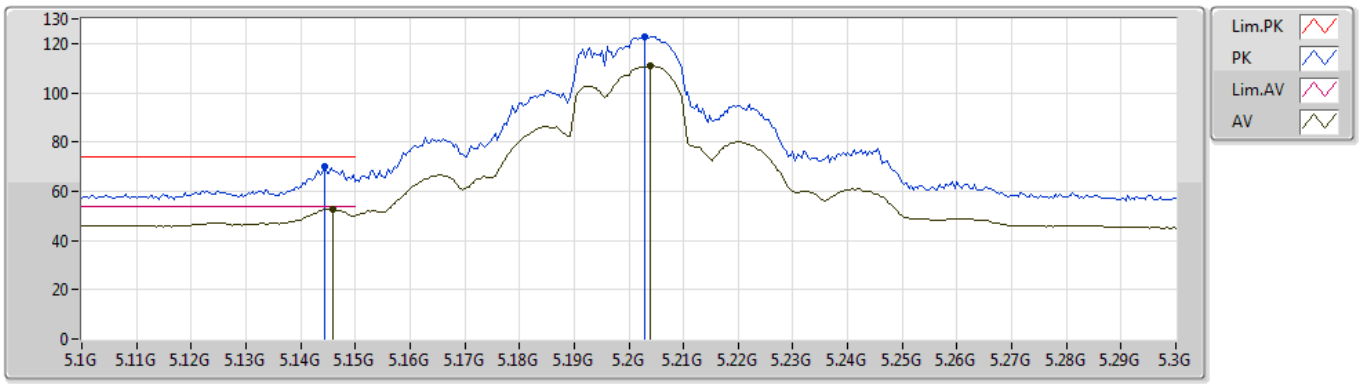
EUT Y_4TX
Setting 20
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.35718G	61.72	68.20	-6.48	10.85	3	Horizontal	275	1.06	-	50.87
PK	15.5502G	60.42	74.00	-13.58	14.44	3	Horizontal	180	2.84	-	45.98
AV	15.5445G	46.20	54.00	-7.80	14.45	3	Horizontal	180	2.84	-	31.75

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

15/09/2019



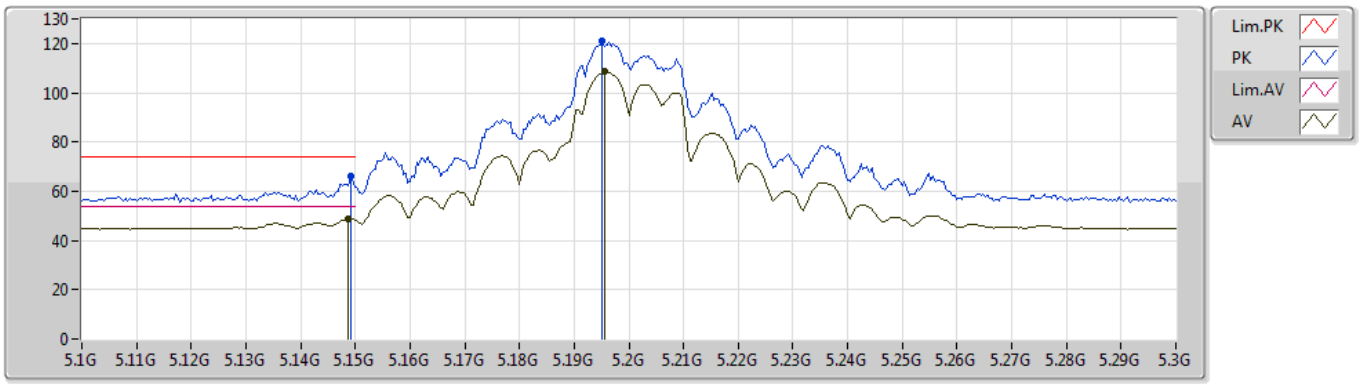
EUT Y_4TX
Setting 24
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1444G	70.16	74.00	-3.84	4.24	3	Vertical	288	2.22	-	65.92
AV	5.146G	52.72	54.00	-1.28	4.25	3	Vertical	288	2.22	-	48.47
PK	5.2028G	122.89	Inf	-Inf	4.28	3	Vertical	288	2.22	-	118.61
AV	5.204G	110.86	Inf	-Inf	4.28	3	Vertical	288	2.22	-	106.58

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

15/09/2019



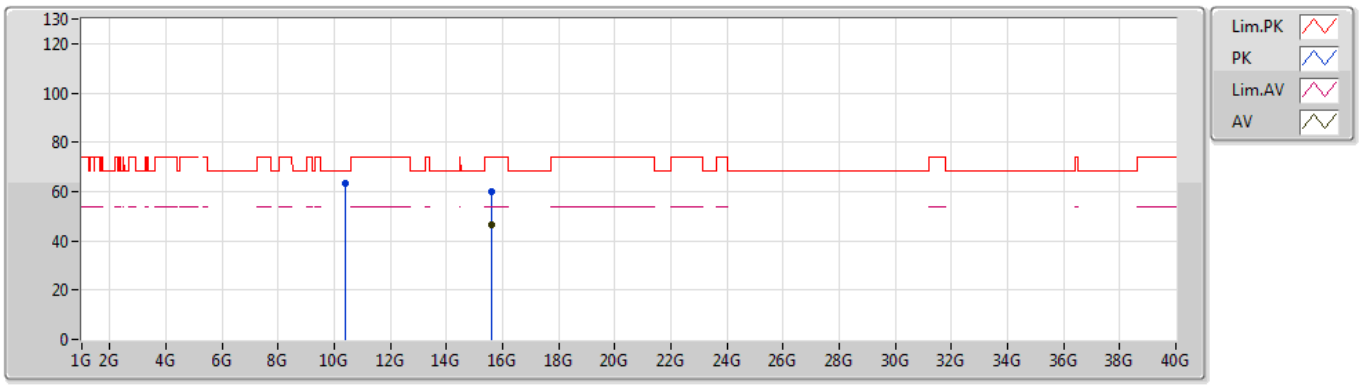
EUT Y_4TX
Setting 24
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1492G	66.12	74.00	-7.88	4.25	3	Horizontal	336	1.16	-	61.87
AV	5.1488G	48.80	54.00	-5.20	4.25	3	Horizontal	336	1.16	-	44.55
PK	5.1952G	120.92	Inf	-Inf	4.27	3	Horizontal	336	1.16	-	116.65
AV	5.1956G	108.46	Inf	-Inf	4.27	3	Horizontal	336	1.16	-	104.19

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

15/09/2019



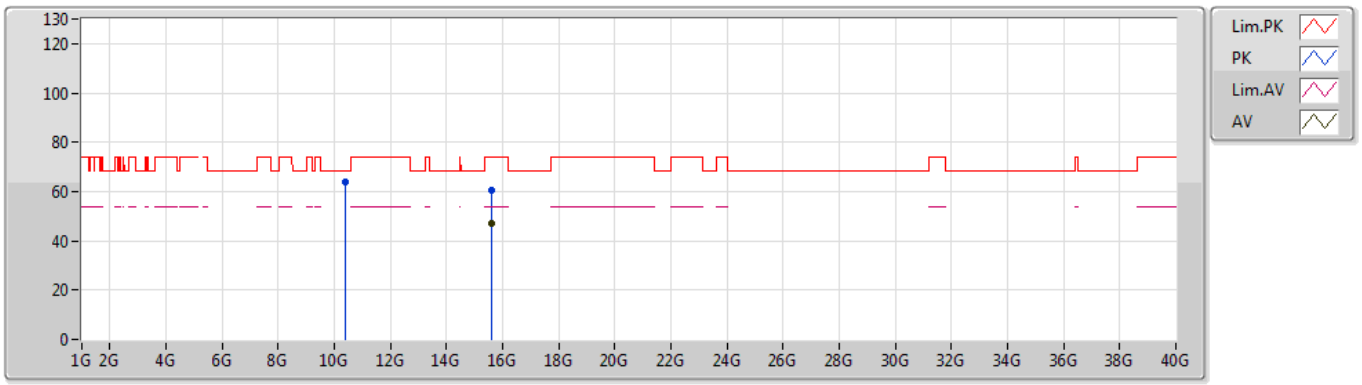
EUT Y_4TX
Setting 24
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.40282G	63.59	68.20	-4.61	10.91	3	Vertical	194	2.25	-	52.68
PK	15.60034G	60.03	74.00	-13.97	14.39	3	Vertical	232	2.31	-	45.64
AV	15.60096G	46.39	54.00	-7.61	14.38	3	Vertical	232	2.31	-	32.01

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

15/09/2019



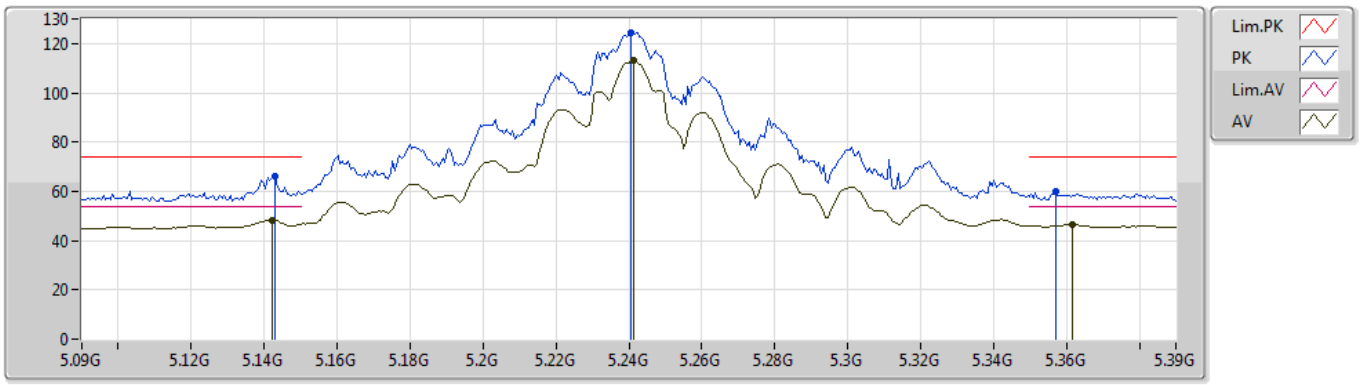
EUT Y_4TX
Setting 24
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.40174G	64.11	68.20	-4.09	10.91	3	Horizontal	55	2.35	-	53.20
PK	15.60138G	60.54	74.00	-13.46	14.38	3	Horizontal	323	1.48	-	46.16
AV	15.6015G	47.25	54.00	-6.75	14.38	3	Horizontal	323	1.48	-	32.87

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

15/09/2019



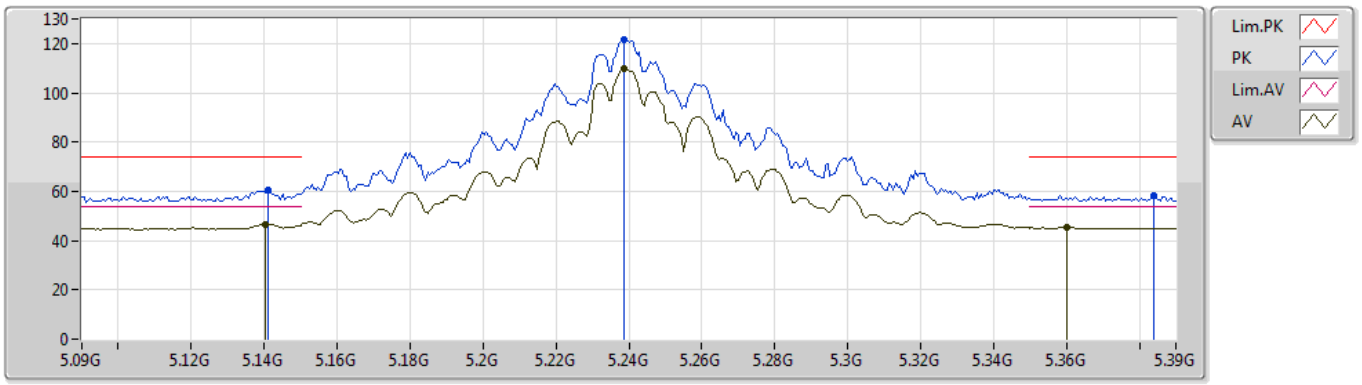
EUT Y_4TX
Setting 26
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1428G	65.99	74.00	-8.01	4.24	3	Vertical	293	1.58	-	61.75
AV	5.1422G	48.43	54.00	-5.57	4.24	3	Vertical	293	1.58	-	44.19
PK	5.2406G	124.55	Inf	-Inf	4.42	3	Vertical	293	1.58	-	120.13
AV	5.2412G	112.95	Inf	-Inf	4.42	3	Vertical	293	1.58	-	108.53
PK	5.357G	59.82	74.00	-14.18	4.83	3	Vertical	293	1.58	-	54.99
AV	5.3618G	46.65	54.00	-7.35	4.86	3	Vertical	293	1.58	-	41.79

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

15/09/2019



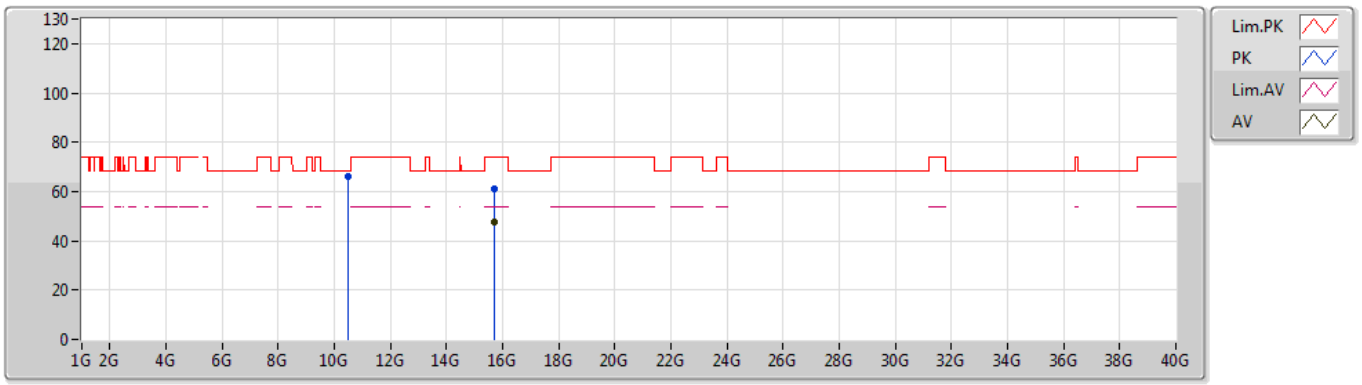
EUT Y_4TX
Setting 26
01-J-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.141G	60.42	74.00	-13.58	4.24	3	Horizontal	338	1.42	-	56.18
AV	5.1404G	46.77	54.00	-7.23	4.24	3	Horizontal	338	1.42	-	42.53
PK	5.2388G	121.55	Inf	-Inf	4.42	3	Horizontal	338	1.42	-	117.13
AV	5.2388G	109.87	Inf	-Inf	4.42	3	Horizontal	338	1.42	-	105.45
PK	5.384G	58.09	74.00	-15.91	4.93	3	Horizontal	338	1.42	-	53.16
AV	5.36G	45.28	54.00	-8.72	4.85	3	Horizontal	338	1.42	-	40.43

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

15/09/2019



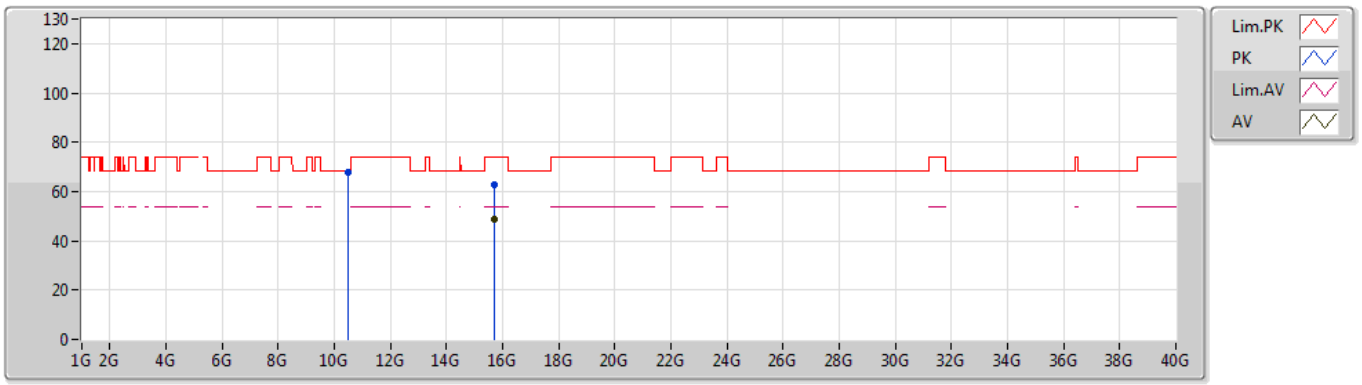
EUT Y_4TX
Setting 26
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.47832G	66.35	68.20	-1.85	11.01	3	Vertical	339	2.02	-	55.34
PK	15.7287G	60.99	74.00	-13.01	14.23	3	Vertical	33	1.63	-	46.76
AV	15.72844G	47.38	54.00	-6.62	14.23	3	Vertical	33	1.63	-	33.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

15/09/2019



EUT Y_4TX
Setting 26
01-J-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.48588G	67.98	68.20	-0.22	11.02	3	Horizontal	356	2.47	-	56.96
PK	15.71718G	62.48	74.00	-11.52	14.24	3	Horizontal	318	1.50	-	48.24
AV	15.71628G	48.83	54.00	-5.17	14.24	3	Horizontal	318	1.50	-	34.59