RADIO TEST REPORT

FCC ID	:	G95-CGA4332
Equipment	:	DOCSIS Cable Gateway
Brand Name	:	Technicolor
Marketing Name	:	CBR2-T
Model Name	:	CGA4332COM, CGA4332wxyz (Please refer to section 1.1.5 for detail information)
Applicant	:	Technicolor Connected Home USA LLC 4855 Peachtree Industrial Blvd. Suite 200, Norcross, Georgia, United States
Manufacturer	:	Technicolor Connected Home USA LLC 4855 Peachtree Industrial Blvd. Suite 200, Norcross, Georgia, United States
Standard	:	47 CFR FCC Part 15.407

The product was received on Mar. 29, 2021, and testing was started from Mar. 29, 2021 and completed on May 15, 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 variant 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: Cliff Chang

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
FR131728-02	01	Initial issue of report	Aug. 02, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Output Power	PASS	-
3.3	15.407(a)	Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. 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
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

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

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

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

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector
	2.4GHz	5GHz				
1	4	1	Airgain	N03TCACA-PK1-G1X130BUR1	PCB	I-PEX
2	3	2	Airgain	N03TCACB-PK1-B1X85BUR3	PCB	I-PEX
3	2	3	Airgain	N03TCACE-PK1-W1X105BUR3	PCB	I-PEX
4	1	4	Airgain	N03TCACF-PK1-A1X195BU	PCB	I-PEX

Ant.	Port		Uncorrelated Antenna Gain (dBi)				
	2.4GHz	5GHz	2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
1	4	1	3.60	2.97	3.38	4.77	4.24
2	3	2					
3	2	3					
4	1	4					

Correlated Antenna Gain (dBi)					
Streams	2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
4T1S	6.02	5.18	5.26	5.07	5.58
4T4S	0.85	0.05	0.11	0.37	0.30

Note 1: The above information was declared by manufacturer.

Note 2: WLAN 2.4GHz and WLAN 5GHz: Maximum Directional Gain following KDB662911 D03.

Note 3: The above antenna gain is the maximum antenna gain from the antenna test report.

<WLAN 2.4GHz>

For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):

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

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

<WLAN 5GHz>

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

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

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

1.1.3 Mode Test Duty Cycle

<Non-beamforming mode> 4T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.947	0.24	2.066m	1k
802.11ax HEW20	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.971	0.13	957.5u	3k
802.11ax HEW80	0.931	0.31	415u	3k
802.11ax HEW160	0.889	0.51	237.5u	10k

<Non-beamforming mode> 4T4S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20	0.935	0.29	448.75u	3k
802.11ax HEW40	0.9	0.46	271.875u	10k
802.11ax HEW80	0.845	0.73	176.875u	10k
802.11ax HEW160	0.845	0.73	178.75u	10k

<Beamforming mode> 4T1S

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.977	0.1	2.926m	1k
802.11ax HEW40-BF	0.993	0.03	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80-BF	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW160-BF	0.97	0.13	19.84m	100

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

1.1.4 EUT Operational Condition

EUT Power Type	For internal power or Lithium-Ion Battery			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and 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	Non-beamforming mode: accessMTool (ver 3.2.1.2) Beamforming mode: DOS [ver 6.1.7601] 、Lantest 2.0.0.2			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

Model Name	Marketing Name	Description
CGA4332COM	CBR2-T	CGA4332COM is representative of other models CGA4332wxyz (where w,x,y,z are alphanumeric or blank) representing other equivalent models derived from the same design. CBR2-T is the marketing name designated by an operator. CGA4332COM can be identified in the 'PN' field on the product label.
CGA4332wxyz (where w,x,y,z are alphanumeric or blank, for marketing strategy)		

Note1: From the above models, model: CGA4332COM was selected as representative model for the test and its data was recorded in this report.

Note2: The above information was declared by manufacturer.

1.1.6 Table for EUT Combination Information

EUT	With Battery	Without Battery	Cover of battery	Power Cord
1	V	X	V	V
2	X	V	V	V

Note1: From the above, EUT 1 for RF Conducted and EUT 2 for Radiated were selected as representative model for the test and its data was recorded in this report.

Note2: The above information was declared by manufacturer.

1.1.7 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR131728-01AB

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding 5GHz band 2 and band 3 (5250~5350 MHz, 5470~5725 MHz) for this device. 2. Adding 802.11ac 160MHz and 802.11ax 160MHz Mode.	1. Emission Bandwidth 2. Maximum Output Power 3. Power Spectral Density 4. Unwanted Emissions above 1GHz
3. Changing the applicant's and manufacturer's addresses.	After evaluating, it doesn't affect the test results.

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

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

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

- FCC KDB 662911 D01 v02r01
- FCC KDB 662911 D03 v01
- FCC KDB 412172 D01 v01r01

1.2 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	TH02-CB	Paul Chen	24.4-25.5 / 64-67	Apr. 14, 2021~ May 15, 2021
Radiated	03CH02-CB	RJ Huang	21-22.2 / 55-57	Mar. 29, 2021~ Apr. 12, 2021

1.3 Measurement Uncertainty

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

Test Date: Before May 08, 2021

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.4%	Confidence levels of 95%

Test Date: After May 07, 2021

Test Items	Uncertainty	Remark
Conducted Emission	2.5 dB	Confidence levels of 95%
Output Power Measurement	1.3 dB	Confidence levels of 95%
Power Density Measurement	2.5 dB	Confidence levels of 95%
Bandwidth Measurement	0.9%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

<Non-beamforming mode> 4T1S

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	69
5300MHz	69
5320MHz	68
5500MHz	70
5580MHz	71
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	69
5300MHz	69
5320MHz	69
5500MHz	69
5580MHz	70
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	70
5310MHz	68
5510MHz	68
5550MHz	70
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	73
5710MHz Straddle 5.725-5.85GHz	73
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	66
5530MHz	69
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
802.11ac VHT160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	64
5250MHz Straddle 5.25-5.35GHz	64

Mode	Power Setting
5570MHz	64
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	69
5300MHz	69
5320MHz	69
5500MHz	69
5580MHz	70
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	70
5310MHz	68
5510MHz	68
5550MHz	70
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	73
5710MHz Straddle 5.725-5.85GHz	73
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	66
5530MHz	69
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
802.11ax HEW160_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	64
5250MHz Straddle 5.25-5.35GHz	64
5570MHz	64

<Non-beamforming mode> 4T4S

Mode	Power Setting
802.11ac VHT20_Nss4,(MCS0)_4TX	-
5260MHz	69
5300MHz	69
5320MHz	69
5500MHz	69
5580MHz	70
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	69
5720MHz Straddle 5.725-5.85GHz	69
802.11ac VHT40_Nss4,(MCS0)_4TX	-
5270MHz	70
5310MHz	70
5510MHz	70
5550MHz	70
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	70
5710MHz Straddle 5.725-5.85GHz	70
802.11ac VHT80_Nss4,(MCS0)_4TX	-
5290MHz	69
5530MHz	69
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	70
5690MHz Straddle 5.725-5.85GHz	70
802.11ac VHT160_Nss4,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	64
5250MHz Straddle 5.25-5.35GHz	64
5570MHz	49
802.11ax HEW20_Nss4,(MCS0)_4TX	-
5260MHz	69
5300MHz	69
5320MHz	69
5500MHz	69
5580MHz	71
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	69
5720MHz Straddle 5.725-5.85GHz	69
802.11ax HEW40_Nss4,(MCS0)_4TX	-
5270MHz	70
5310MHz	70

Mode	Power Setting
5510MHz	70
5550MHz	70
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	70
5710MHz Straddle 5.725-5.85GHz	70
802.11ax HEW80_Nss4,(MCS0)_4TX	-
5290MHz	69
5530MHz	69
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	70
5690MHz Straddle 5.725-5.85GHz	70
802.11ax HEW160_Nss4,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	64
5250MHz Straddle 5.25-5.35GHz	64
5570MHz	49

<Beamforming mode> 4T1S

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5260MHz	69
5300MHz	69
5320MHz	69
5500MHz	69
5580MHz	70
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5270MHz	70
5310MHz	70
5510MHz	66
5550MHz	70
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	73
5710MHz Straddle 5.725-5.85GHz	73
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5290MHz	69
5530MHz	69
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	71
5250MHz Straddle 5.25-5.35GHz	71
5570MHz	68
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	69
5300MHz	69
5320MHz	69
5500MHz	69
5580MHz	70
5700MHz	71
5720MHz Straddle 5.47-5.725GHz	71
5720MHz Straddle 5.725-5.85GHz	71
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	70
5310MHz	70

Mode	Power Setting
5510MHz	66
5550MHz	70
5670MHz	70
5710MHz Straddle 5.47-5.725GHz	73
5710MHz Straddle 5.725-5.85GHz	73
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	69
5530MHz	69
5610MHz	71
5690MHz Straddle 5.47-5.725GHz	71
5690MHz Straddle 5.725-5.85GHz	71
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	71
5250MHz Straddle 5.25-5.35GHz	71
5570MHz	68

Note:
- Evaluated HEW20/HEW40/HEW80/HEW160 mode only, due to similar modulation. The power setting of HT20/HT40/VHT20/VHT40/VHT80/VHT160 mode are the same or lower than HEW20/HEW40/HEW80/HEW160.
- The 802.11ac VHT mode evaluates the output power only.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Output Power Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Test Mode	EUT 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
The EUT 1 and EUT 2 were performed testing, After evaluating, EUT 2 has been evaluated to be the worst case, Consequently, measurement will follow this same test mode	
1	EUT 2

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.: FA131728-02 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used in Z-axis position.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS [ver 6.1.7601].
3. Executed " Lantest 2.0.0.2" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories			
Equipment Name	**Brand**	**Model Name**	**Rating**
Lithium-Ion Battery	Getac	TCH6288759A	7.2V, 13250mAh, 95.4Wh
Other			
Power Cord*1: Non-Shielded, 1.8m			
Cover of battery*1			

2.5 Support Equipment

For Radiated:
<Non-beamforming mode>

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

<Beamforming mode>

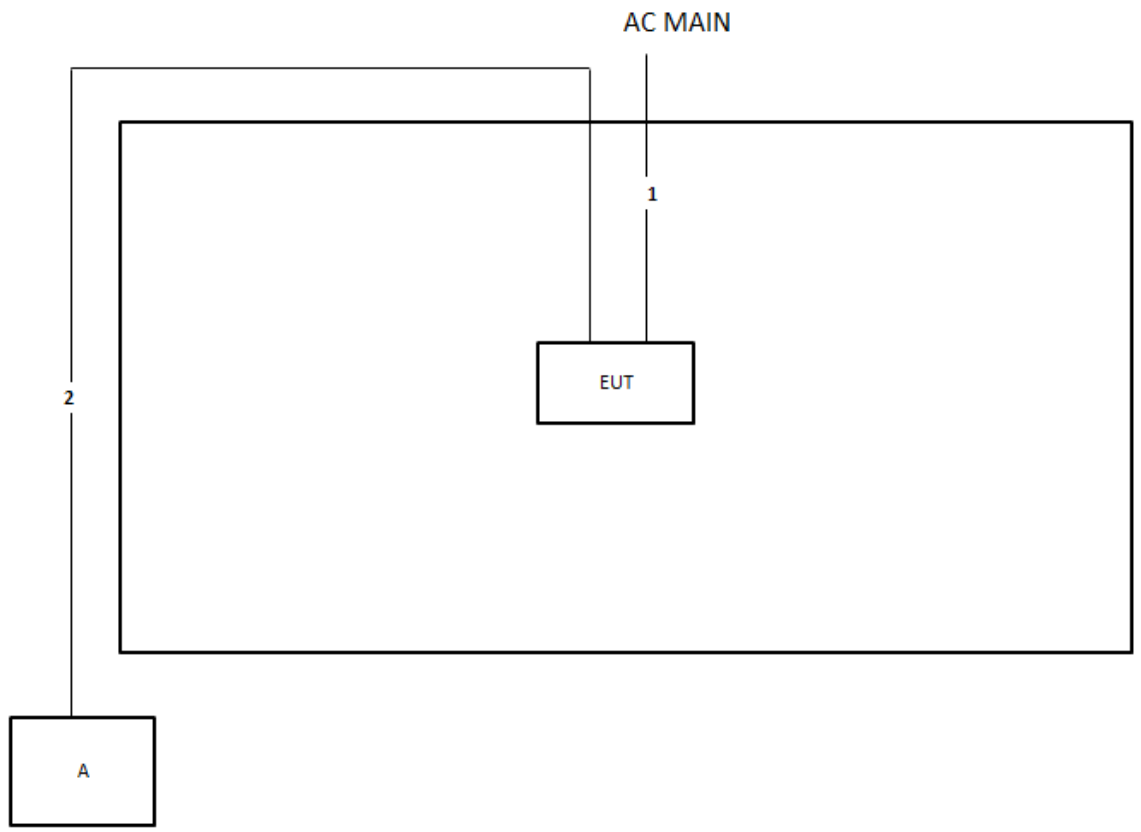
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00

For RF Conducted:

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

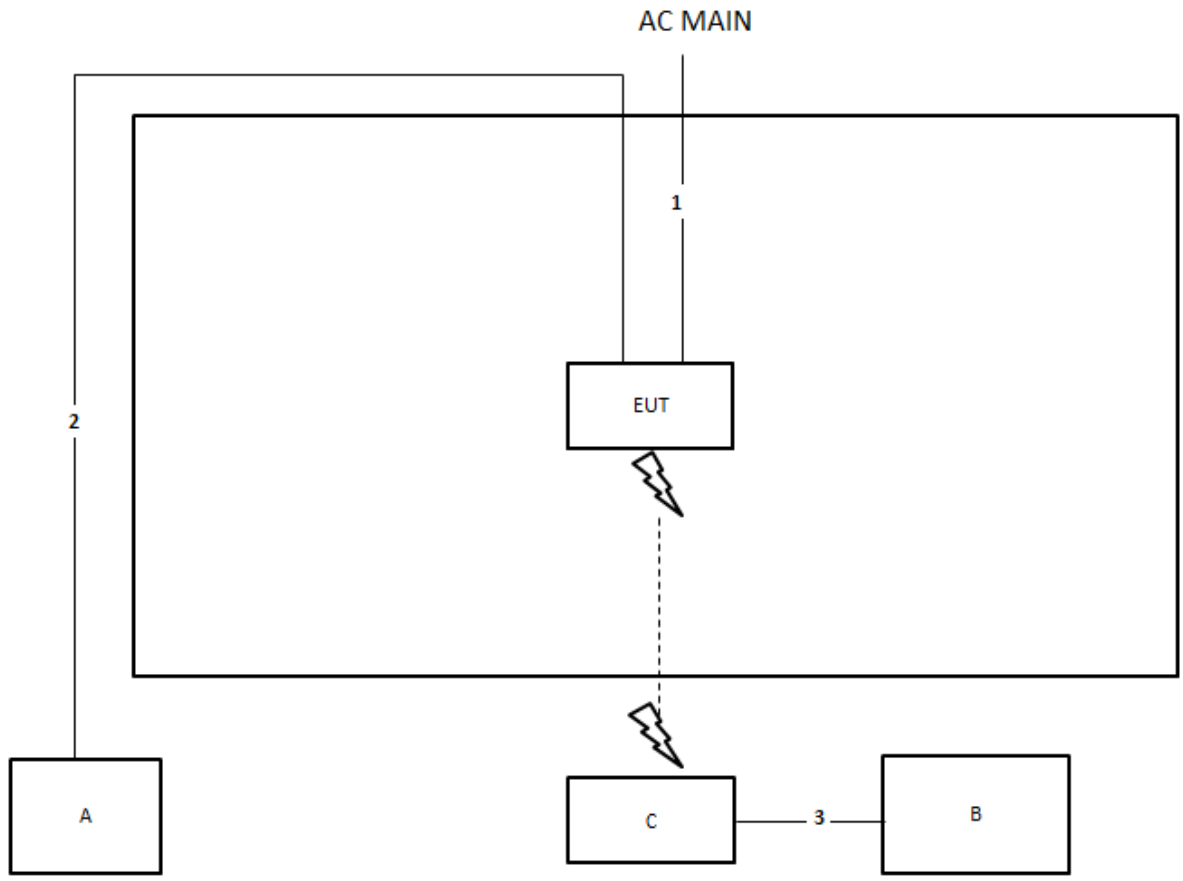
2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test
<Non-beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test
<Beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 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.
☐	For the 5.85-5.895 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.

3.1.2 Measuring Instruments

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

3.1.3 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.

3.1.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer — EUT

3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Output Power

3.2.1 Limit

Maximum Output Power Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6). e.i.r.p. at any elevation angle above 30 degrees ≤ 125mW [21dBm]
	▪ Indoor AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	▪ Point-to-point AP: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W If G_{TX} > 23 dBi, then P_{Out} = 30 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.25-5.35 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the maximum conducted output power (P_{Out}) shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz. If G_{TX} > 6 dBi, then P_{Out} = 24 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W.
Maximum EIRP Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 36 dBm
	▪ Client device < 30 dBm
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz.
☐	For the 5.25-5.35 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log B, dBm, whichever power is less. B is the 99% emission bandwidth in MHz
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the

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

3.2.2 Measuring Instruments

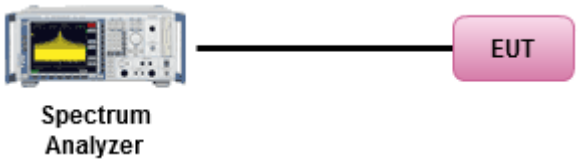
Refer a test equipment and calibration data table in this test report.

3.2.3 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]) $EIRP_{total} = P_{total} + DG$

3.2.4 Test Setup

For Straddle channel Mode:

RF Output Power (Spectrum Analyzer)


For Other Mode:

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Output Power

Refer as Appendix B

3.3 Power Spectral Density

3.3.1 Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
EIRP Power Spectral Density Limit	
☐	For the 5.85-5.895 GHz band:
	▪ Indoor AP & subordinate device < 20dBm/MHz
	▪ Client device < 14dBm/MHz
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output	

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

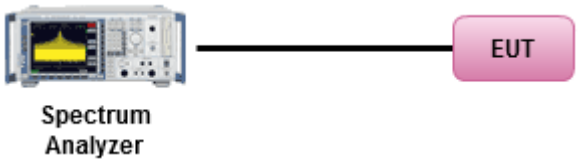
3.3.2 Measuring Instruments

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

3.3.3 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]) $EIRP_{total} = PPSD_{total} + DG$

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
☐ 5.85 - 5.895 GHz	(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of - 7 dBm/MHz at or above 5.925 GHz. (ii) For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz. (iii) For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/ MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).	

3.4.2 Measuring Instruments

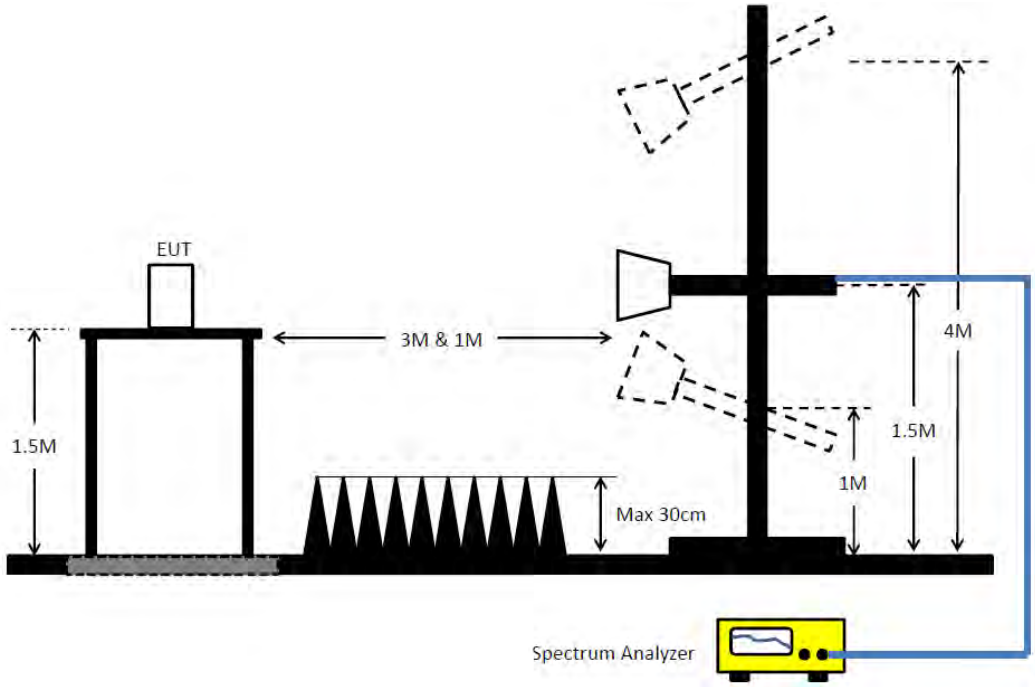
Refer a test equipment and calibration data table in this test report.

3.4.3 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.		

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.5 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.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 27, 2021	Mar. 26, 2022	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 21, 2020	Apr. 20, 2021	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSU	100015	9kHz~26GHz	Oct. 15, 2020	Oct. 14, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 27, 2020	Jul. 26, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GH z	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GH z	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

NCR means Non-Calibration required.

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	82.2M	77.601M	77M6D1D	81.24M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.42M	16.822M	16M8D1D	21.27M	16.672M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.6M	19.13M	19M1D1D	21.3M	19.01M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.38M	36.522M	36M5D1D	39.66M	36.222M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.6M	76.882M	76M9D1D	81.24M	76.642M
802.11ax HEW160_Nss1,(MCS0)_4TX	83.04M	77.601M	77M6D1D	81.96M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.48M	16.792M	16M8D1D	15.61M	13.346M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.57M	19.1M	19M1D1D	15.628M	14.5M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.26M	37.601M	37M6D1D	34.95M	33.658M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.72M	76.882M	76M9D1D	75.64M	72.814M
802.11ax HEW160_Nss1,(MCS0)_4TX	164.88M	155.202M	155MD1D	163.44M	154.723M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.135M	4.273M	4M27D1D	3.135M	4.168M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.545M	4.708M	4M71D1D	4.44M	4.633M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.855M	4.108M	4M11D1D	3.735M	4.063M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.78M	4.153M	4M15D1D	3.675M	4.093M

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

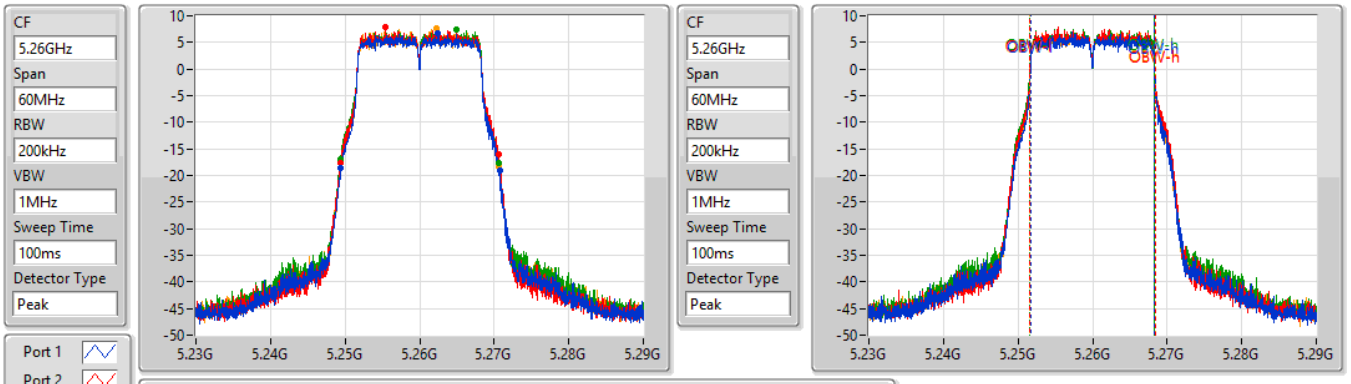
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.33M	16.672M	21.27M	16.822M	21.3M	16.732M	21.27M	16.732M
5300MHz	Pass	Inf	21.27M	16.672M	21.33M	16.792M	21.33M	16.762M	21.27M	16.762M
5320MHz	Pass	Inf	21.33M	16.672M	21.42M	16.822M	21.39M	16.732M	21.27M	16.732M
5500MHz	Pass	Inf	21.33M	16.702M	21.36M	16.792M	21.48M	16.762M	21.24M	16.762M
5580MHz	Pass	Inf	21.33M	16.672M	21.39M	16.792M	21.39M	16.762M	21.3M	16.762M
5700MHz	Pass	Inf	21.18M	16.732M	21.45M	16.792M	21.39M	16.762M	21.33M	16.792M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.645M	13.346M	15.61M	13.416M	15.733M	13.433M	15.628M	13.398M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.135M	4.168M	3.135M	4.273M	3.135M	4.213M	3.135M	4.228M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.54M	19.13M	21.51M	19.04M	21.57M	19.07M	21.48M	19.01M
5300MHz	Pass	Inf	21.51M	19.1M	21.3M	19.04M	21.6M	19.07M	21.51M	19.01M
5320MHz	Pass	Inf	21.45M	19.1M	21.39M	19.04M	21.51M	19.1M	21.45M	19.01M
5500MHz	Pass	Inf	21.54M	19.1M	21.45M	19.07M	21.54M	19.07M	21.45M	19.01M
5580MHz	Pass	Inf	21.36M	19.07M	21.48M	19.04M	21.42M	19.07M	21.57M	19.01M
5700MHz	Pass	Inf	21.57M	19.1M	21.51M	19.07M	21.57M	19.04M	21.51M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.803M	14.518M	15.628M	14.5M	15.75M	14.535M	15.733M	14.518M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.53M	4.708M	4.455M	4.693M	4.44M	4.708M	4.545M	4.633M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.66M	36.282M	39.66M	36.342M	39.66M	36.282M	40.26M	36.462M
5310MHz	Pass	Inf	39.72M	36.222M	39.66M	36.342M	39.78M	36.282M	40.38M	36.522M
5510MHz	Pass	Inf	40.02M	37.601M	39.9M	37.481M	40.08M	37.541M	40.14M	37.541M
5550MHz	Pass	Inf	40.02M	37.481M	39.78M	37.541M	40.08M	37.481M	40.2M	37.541M
5670MHz	Pass	Inf	40.08M	37.541M	39.78M	37.481M	40.08M	37.541M	40.26M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.175M	33.733M	34.95M	33.658M	35.1M	33.658M	35.175M	33.733M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.735M	4.093M	3.855M	4.078M	3.795M	4.063M	3.81M	4.108M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.6M	76.762M	81.24M	76.882M	81.36M	76.762M	81.36M	76.642M
5530MHz	Pass	Inf	81.72M	76.762M	81.24M	76.882M	81.72M	76.762M	81.36M	76.762M
5610MHz	Pass	Inf	81.72M	76.762M	81.12M	76.762M	81.6M	76.882M	81.6M	76.762M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.95M	72.814M	75.795M	72.814M	76.028M	72.891M	75.64M	72.891M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.735M	4.138M	3.78M	4.093M	3.765M	4.108M	3.675M	4.153M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.24M	77.361M	82.2M	77.601M	81.72M	77.481M	82.08M	77.361M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.96M	77.481M	83.04M	77.601M	82.56M	77.601M	82.32M	77.481M
5570MHz	Pass	Inf	163.68M	154.723M	164.88M	155.202M	164.64M	154.963M	163.44M	154.963M

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

14/04/2021

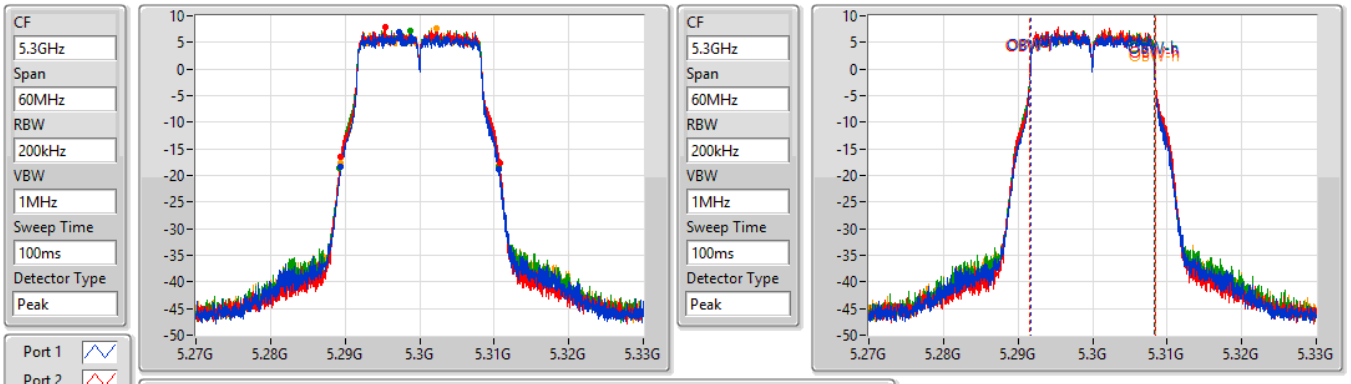


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.24941G	5.27074G	16.672M	5.251664G	5.268336G	Inf	1
21.27M	5.24935G	5.27062G	16.822M	5.251604G	5.268426G	Inf	2
21.3M	5.24935G	5.27065G	16.732M	5.251604G	5.268336G	Inf	3
21.27M	5.24941G	5.27068G	16.732M	5.251634G	5.268366G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

14/04/2021



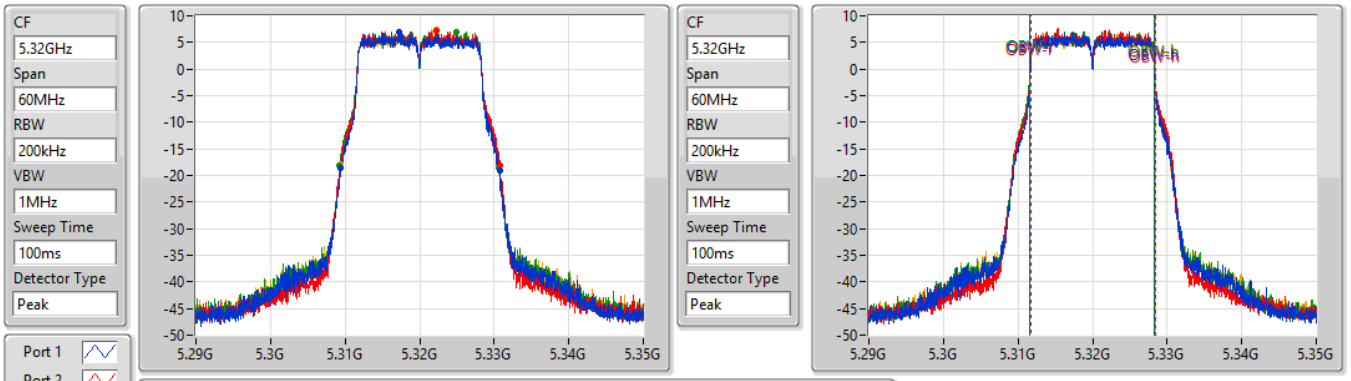
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.27M	5.28941G	5.31068G	16.672M	5.291664G	5.308336G	Inf	1
21.33M	5.28944G	5.31077G	16.792M	5.291604G	5.308396G	Inf	2
21.33M	5.28929G	5.31062G	16.762M	5.291574G	5.308336G	Inf	3
21.27M	5.28938G	5.31065G	16.762M	5.291634G	5.308396G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5320MHz

14/04/2021



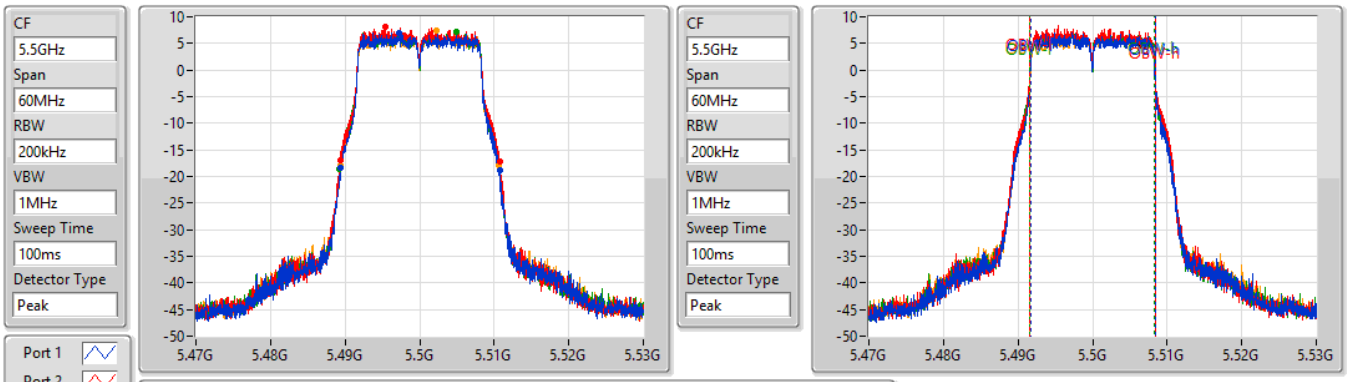
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.30938G	5.33071G	16.672M	5.311664G	5.328336G	Inf	1
21.42M	5.30938G	5.3308G	16.822M	5.311604G	5.328426G	Inf	2
21.39M	5.30929G	5.33068G	16.732M	5.311604G	5.328336G	Inf	3
21.27M	5.30938G	5.33065G	16.732M	5.311634G	5.328366G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5500MHz

14/04/2021

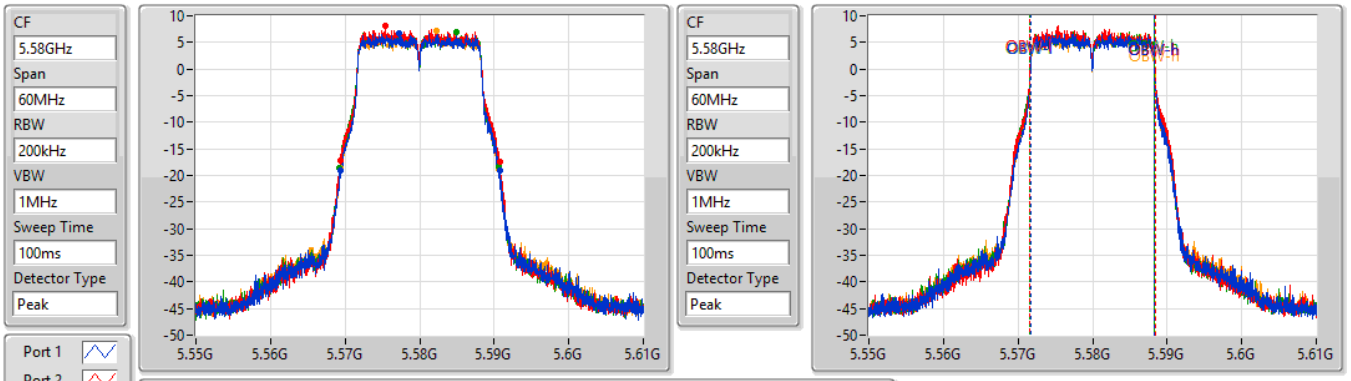


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.48938G	5.51071G	16.702M	5.491664G	5.508366G	Inf	1
21.36M	5.48938G	5.51074G	16.792M	5.491604G	5.508396G	Inf	2
21.48M	5.48923G	5.51071G	16.762M	5.491574G	5.508336G	Inf	3
21.24M	5.48938G	5.51062G	16.762M	5.491634G	5.508396G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

14/04/2021

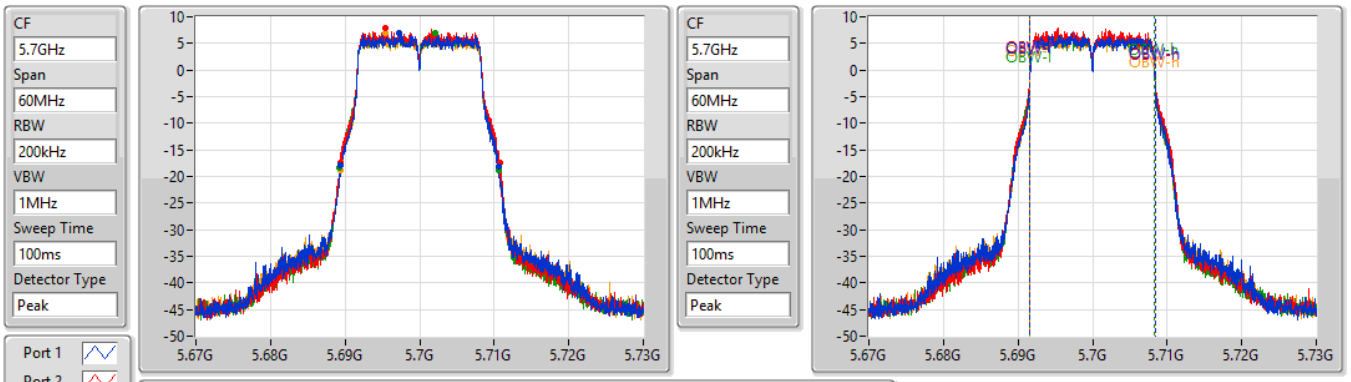


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.56938G	5.59071G	16.672M	5.571664G	5.588336G	Inf	1
21.39M	5.56938G	5.59077G	16.792M	5.571604G	5.588396G	Inf	2
21.39M	5.56926G	5.59065G	16.762M	5.571574G	5.588336G	Inf	3
21.3M	5.56935G	5.59065G	16.762M	5.571634G	5.588396G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

14/04/2021

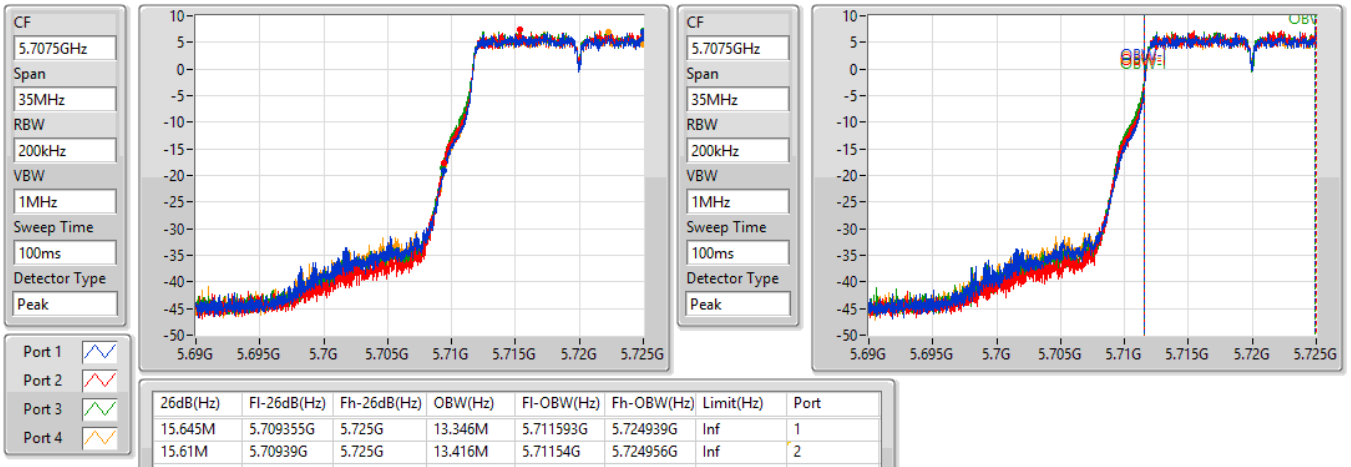


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.68944G	5.71062G	16.732M	5.691634G	5.708366G	Inf	1
21.45M	5.68935G	5.7108G	16.792M	5.691604G	5.708396G	Inf	2
21.39M	5.68929G	5.71068G	16.762M	5.691574G	5.708336G	Inf	3
21.33M	5.68932G	5.71065G	16.792M	5.691604G	5.708396G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

14/04/2021

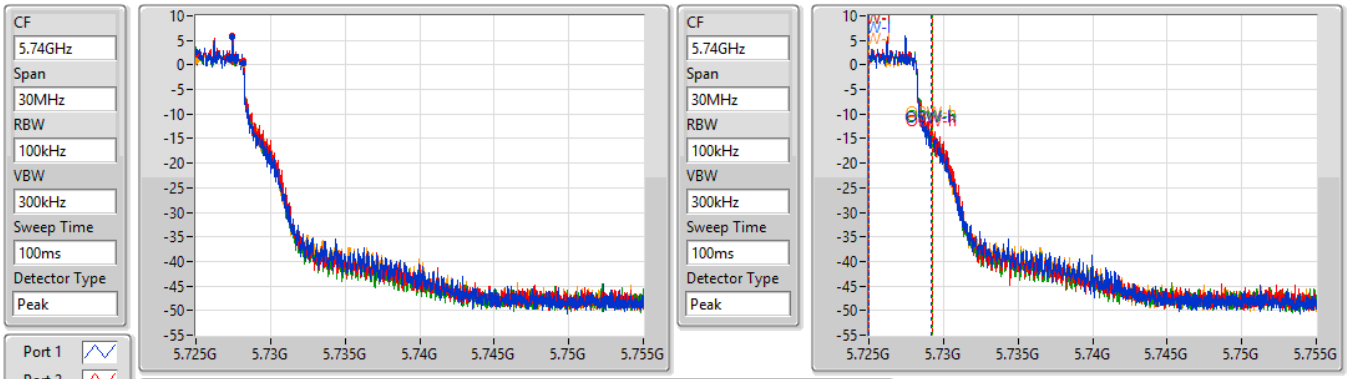


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.645M	5.709355G	5.725G	13.346M	5.711593G	5.724939G	Inf	1
15.61M	5.70939G	5.725G	13.416M	5.71154G	5.724956G	Inf	2
15.733M	5.709268G	5.725G	13.433M	5.711505G	5.724939G	Inf	3
15.628M	5.709373G	5.725G	13.398M	5.711558G	5.724956G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

14/04/2021

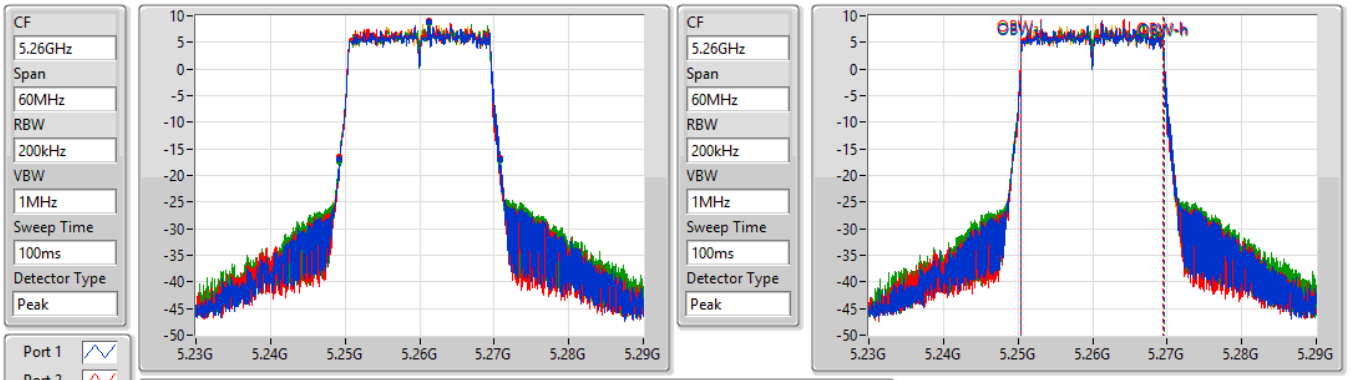


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.135M	5.725G	5.728135G	4.168M	5.725022G	5.72919G	500k	1
3.135M	5.725G	5.728135G	4.273M	5.725007G	5.72928G	500k	2
3.135M	5.725G	5.728135G	4.213M	5.725007G	5.72922G	500k	3
3.135M	5.725G	5.728135G	4.228M	5.725022G	5.72925G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

14/04/2021

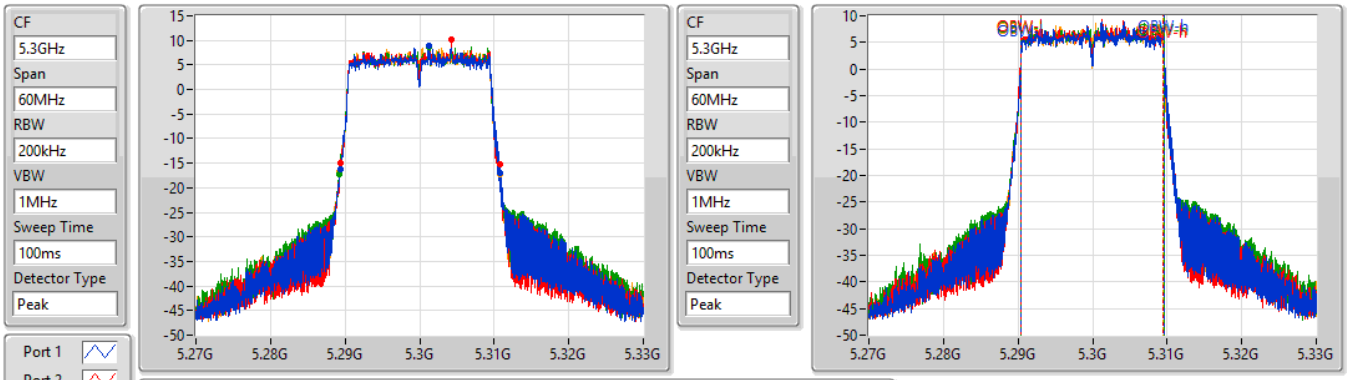


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.24929G	5.27083G	19.13M	5.250465G	5.269595G	Inf	1
21.51M	5.24929G	5.2708G	19.04M	5.250465G	5.269505G	Inf	2
21.57M	5.2492G	5.27077G	19.07M	5.250465G	5.269535G	Inf	3
21.48M	5.24923G	5.27071G	19.01M	5.250465G	5.269475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

14/04/2021

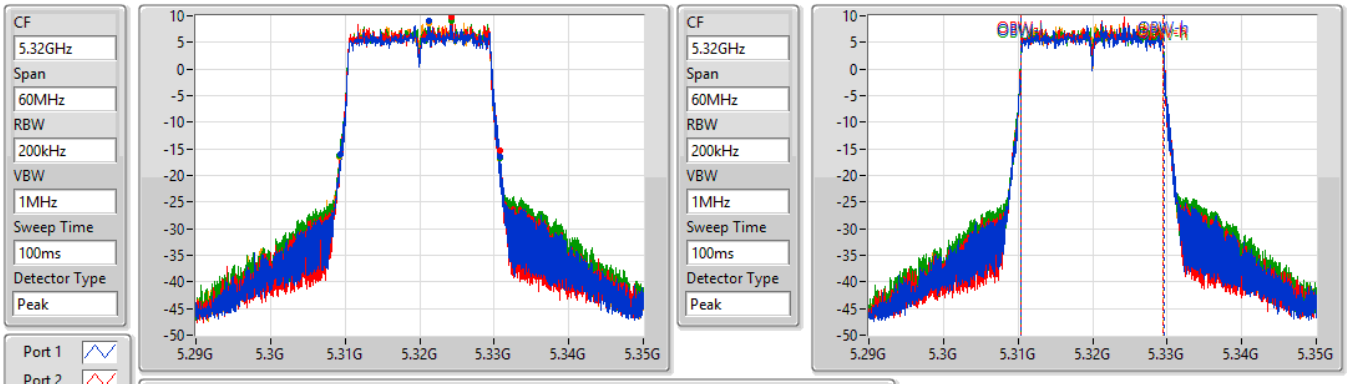


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.28932G	5.31083G	19.1M	5.290465G	5.309565G	Inf	1
21.3M	5.28941G	5.31071G	19.04M	5.290465G	5.309505G	Inf	2
21.6M	5.2892G	5.3108G	19.07M	5.290465G	5.309535G	Inf	3
21.51M	5.28923G	5.31074G	19.01M	5.290465G	5.309475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

14/04/2021

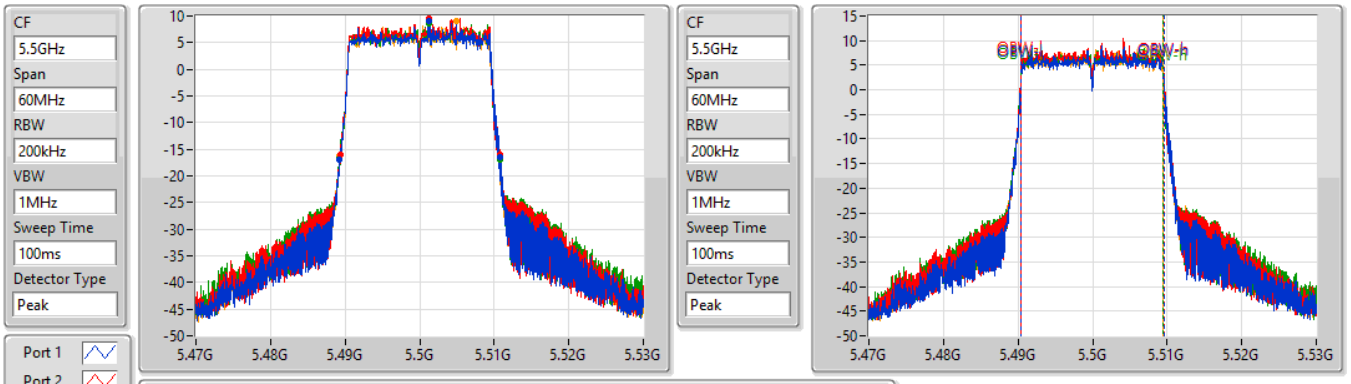


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.30935G	5.3308G	19.1M	5.310465G	5.329565G	Inf	1
21.39M	5.30932G	5.33071G	19.04M	5.310465G	5.329505G	Inf	2
21.51M	5.30926G	5.33077G	19.1M	5.310435G	5.329535G	Inf	3
21.45M	5.30926G	5.33071G	19.01M	5.310465G	5.329475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

14/04/2021

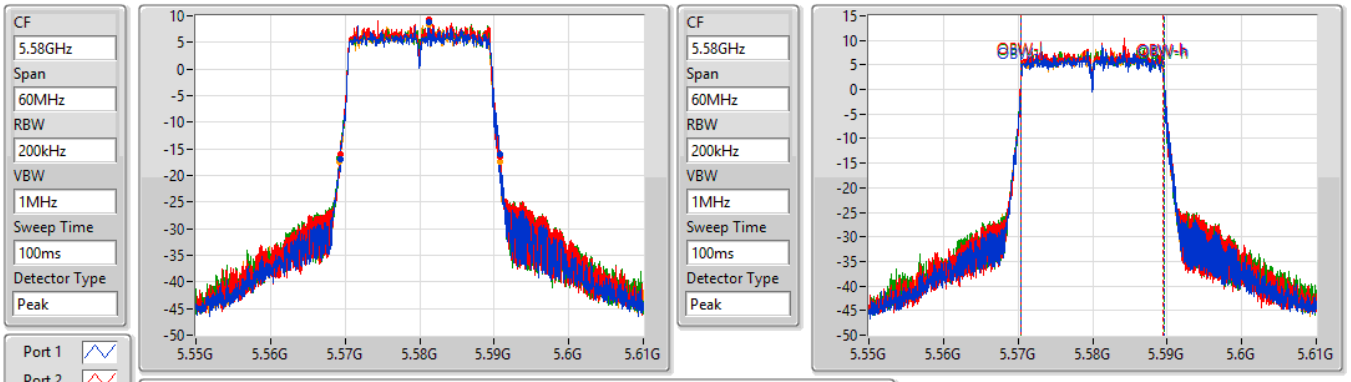


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.48926G	5.5108G	19.1M	5.490465G	5.509565G	Inf	1
21.45M	5.48932G	5.51077G	19.07M	5.490465G	5.509535G	Inf	2
21.54M	5.48923G	5.51077G	19.07M	5.490435G	5.509505G	Inf	3
21.45M	5.48926G	5.51071G	19.01M	5.490465G	5.509475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

14/04/2021

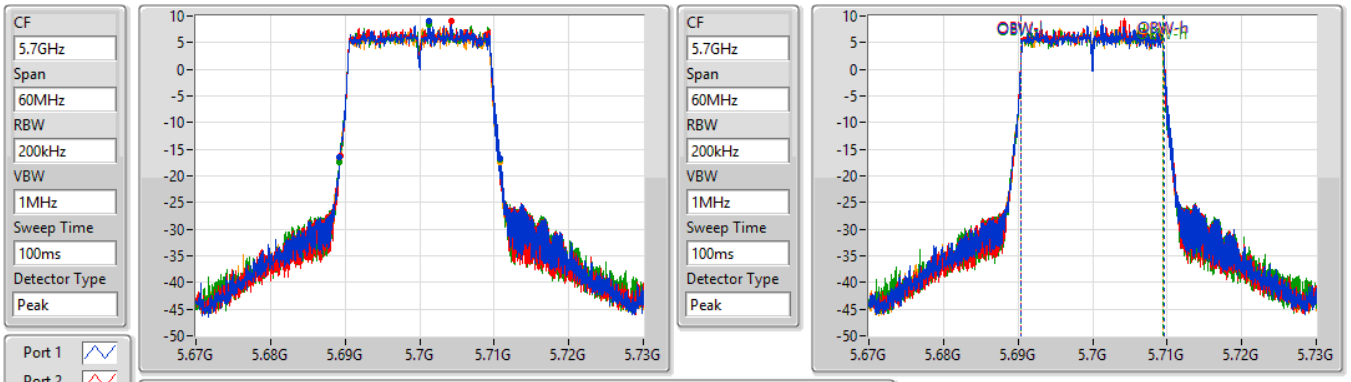


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.56941G	5.59077G	19.07M	5.570465G	5.589535G	Inf	1
21.48M	5.56935G	5.59083G	19.04M	5.570465G	5.589505G	Inf	2
21.42M	5.56929G	5.59071G	19.07M	5.570465G	5.589535G	Inf	3
21.57M	5.5692G	5.59077G	19.01M	5.570465G	5.589475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

14/04/2021

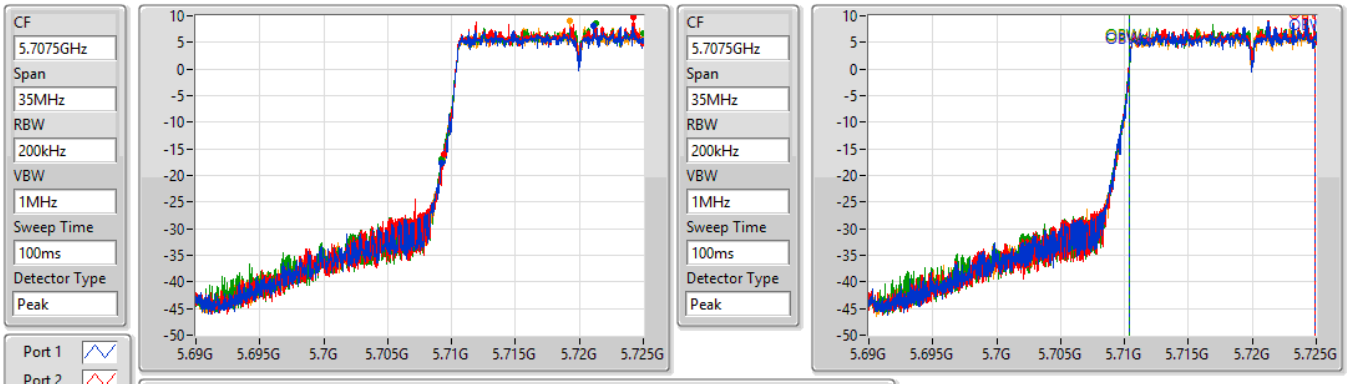


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.68929G	5.71086G	19.1M	5.690465G	5.709565G	Inf	1
21.51M	5.68932G	5.71083G	19.07M	5.690465G	5.709535G	Inf	2
21.57M	5.6892G	5.71077G	19.04M	5.690465G	5.709505G	Inf	3
21.51M	5.68923G	5.71074G	19.01M	5.690465G	5.709475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

14/04/2021

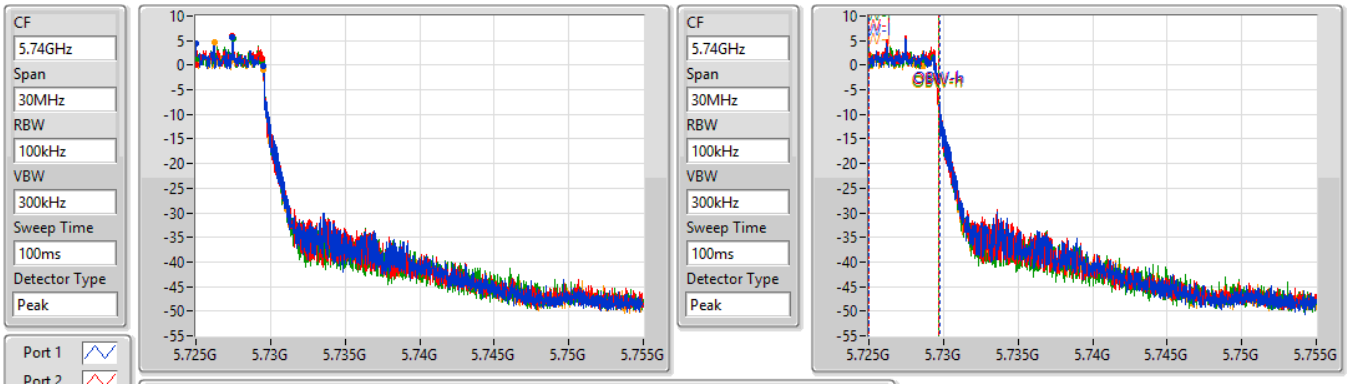


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.803M	5.709198G	5.725G	14.518M	5.710421G	5.724939G	Inf	1
15.628M	5.709373G	5.725G	14.5M	5.710421G	5.724921G	Inf	2
15.75M	5.70925G	5.725G	14.535M	5.710404G	5.724939G	Inf	3
15.733M	5.709268G	5.725G	14.518M	5.710421G	5.724939G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

14/04/2021

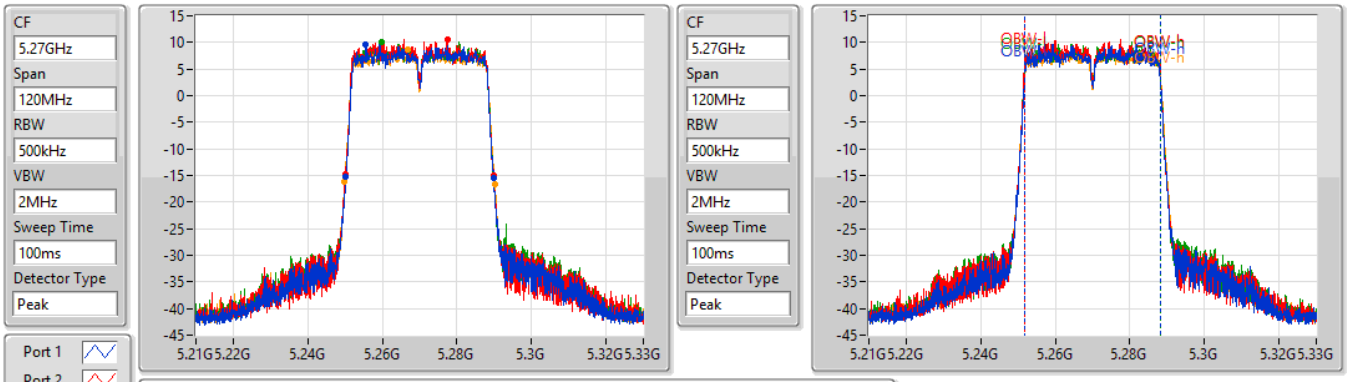


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.53M	5.725G	5.72953G	4.708M	5.725022G	5.72973G	500k	1
4.455M	5.725G	5.729455G	4.693M	5.725022G	5.729715G	500k	2
4.44M	5.725G	5.72944G	4.708M	5.725007G	5.729715G	500k	3
4.545M	5.725G	5.729545G	4.633M	5.725037G	5.72967G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

14/04/2021

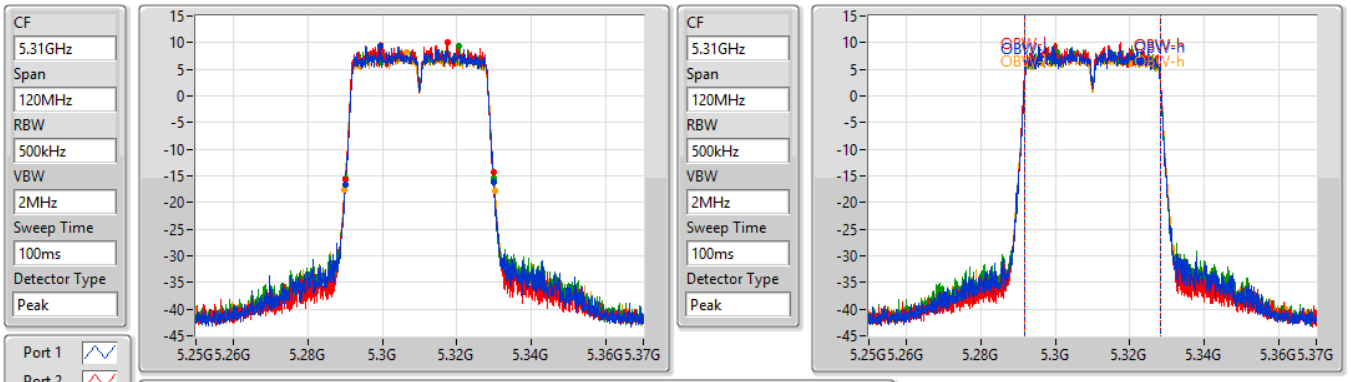


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.66M	5.25014G	5.2898G	36.282M	5.251889G	5.288171G	Inf	1
39.66M	5.25014G	5.2898G	36.342M	5.251769G	5.288111G	Inf	2
39.66M	5.25014G	5.2898G	36.282M	5.251829G	5.288111G	Inf	3
40.26M	5.2499G	5.29016G	36.462M	5.251769G	5.288231G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

14/04/2021

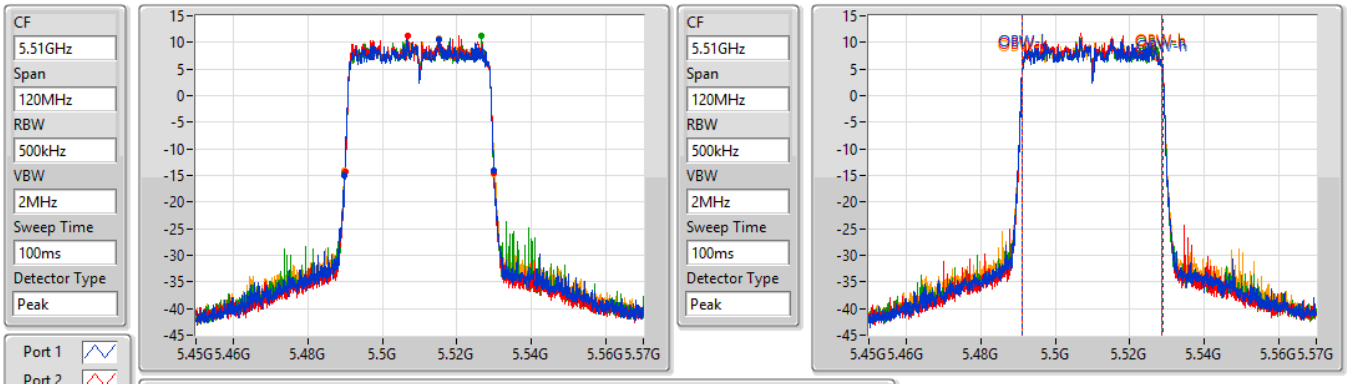


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.72M	5.29014G	5.32986G	36.222M	5.291889G	5.328111G	Inf	1
39.66M	5.29008G	5.32974G	36.342M	5.291769G	5.328111G	Inf	2
39.78M	5.29014G	5.32992G	36.282M	5.291829G	5.328111G	Inf	3
40.38M	5.28984G	5.33022G	36.522M	5.291709G	5.328231G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

14/04/2021

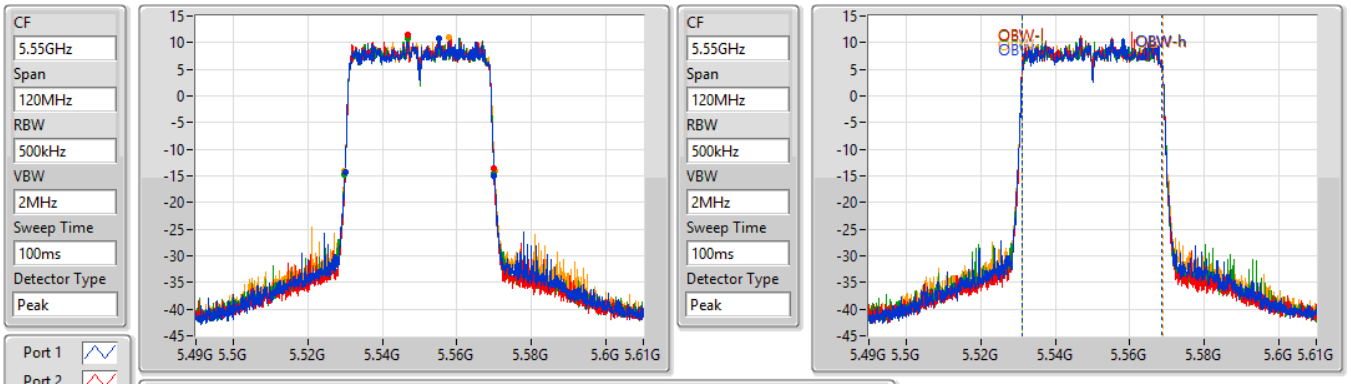


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.4899G	5.52992G	37.601M	5.491169G	5.528771G	Inf	1
39.9M	5.49002G	5.52992G	37.481M	5.491229G	5.528711G	Inf	2
40.08M	5.4899G	5.52998G	37.541M	5.491169G	5.528711G	Inf	3
40.14M	5.4899G	5.53004G	37.541M	5.491169G	5.528711G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

14/04/2021

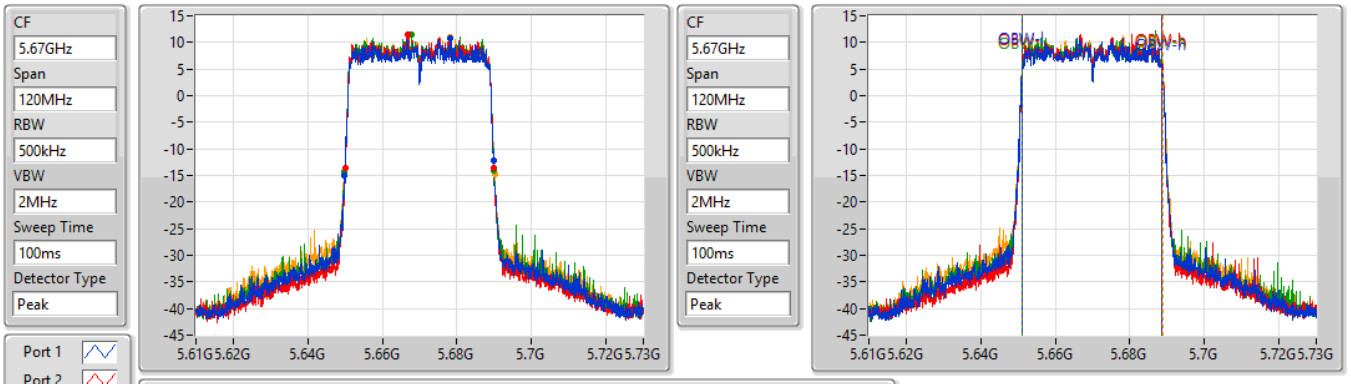


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.52996G	5.56998G	37.481M	5.531229G	5.568711G	Inf	1
39.78M	5.53008G	5.56986G	37.541M	5.531169G	5.568711G	Inf	2
40.08M	5.5299G	5.56998G	37.481M	5.531229G	5.568711G	Inf	3
40.2M	5.5299G	5.5701G	37.541M	5.531229G	5.568771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

14/04/2021

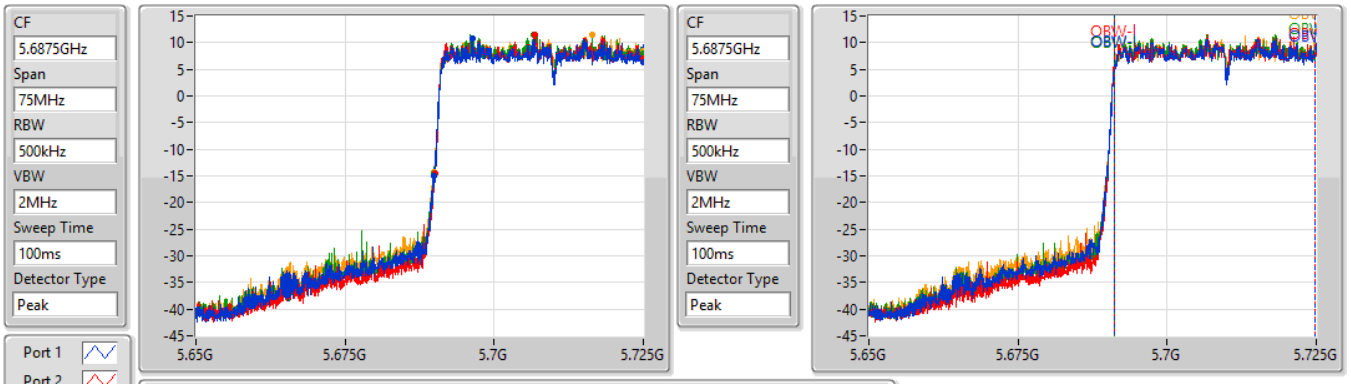


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.64984G	5.68992G	37.541M	5.651169G	5.688711G	Inf	1
39.78M	5.65008G	5.68986G	37.481M	5.651229G	5.688711G	Inf	2
40.08M	5.6499G	5.68998G	37.541M	5.651169G	5.688711G	Inf	3
40.26M	5.64984G	5.6901G	37.601M	5.651169G	5.688771G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

14/04/2021

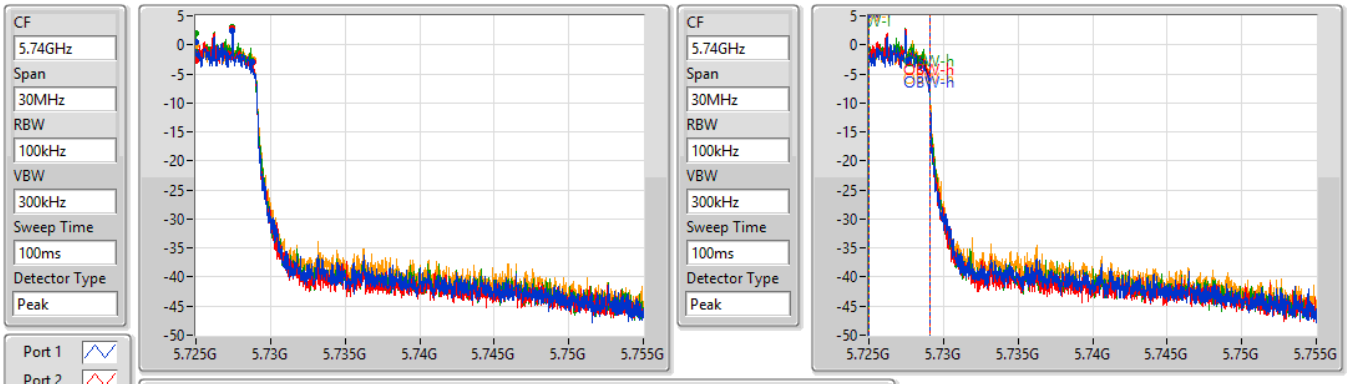


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.175M	5.689825G	5.725G	33.733M	5.691136G	5.724869G	Inf	1
34.95M	5.69005G	5.725G	33.658M	5.691136G	5.724794G	Inf	2
35.1M	5.6899G	5.725G	33.658M	5.691173G	5.724831G	Inf	3
35.175M	5.689825G	5.725G	33.733M	5.691136G	5.724869G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

14/04/2021

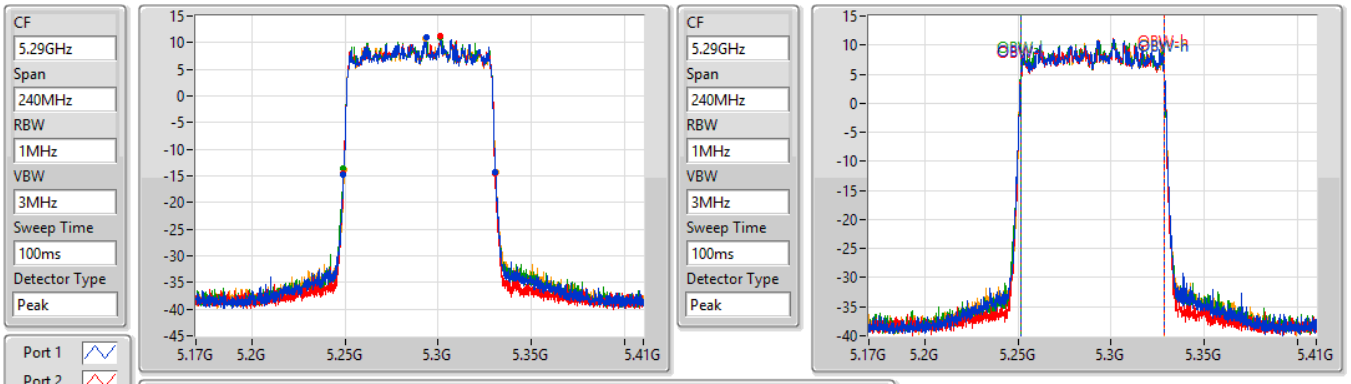


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.735M	5.725G	5.728735G	4.093M	5.725007G	5.7291G	500k	1
3.855M	5.725G	5.728855G	4.078M	5.725007G	5.729085G	500k	2
3.795M	5.725G	5.728795G	4.063M	5.725022G	5.729085G	500k	3
3.81M	5.725G	5.72881G	4.108M	5.725007G	5.729115G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

14/04/2021

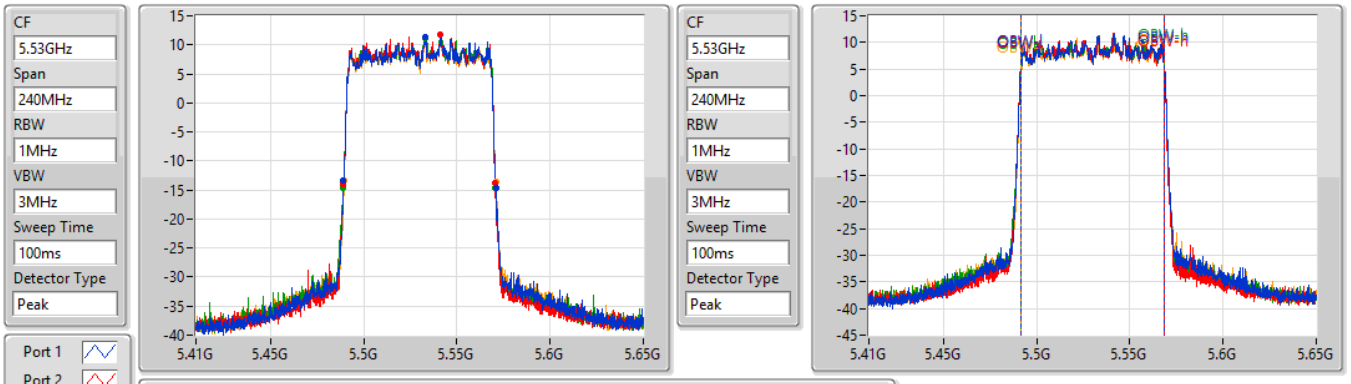


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.24908G	5.33068G	76.762M	5.251619G	5.328381G	Inf	1
81.24M	5.2492G	5.33044G	76.882M	5.251619G	5.328501G	Inf	2
81.36M	5.2492G	5.33056G	76.762M	5.251619G	5.328381G	Inf	3
81.36M	5.24944G	5.3308G	76.642M	5.251739G	5.328381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

14/04/2021

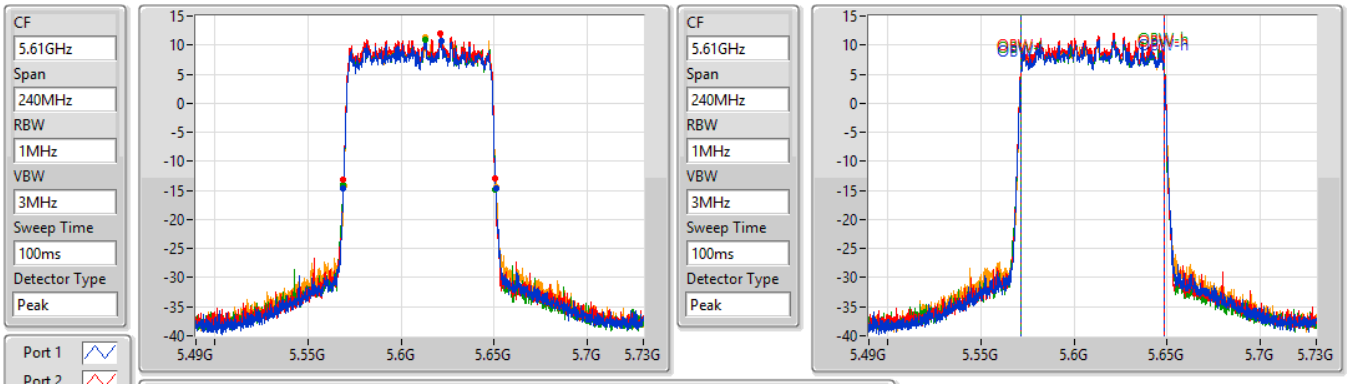


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.4892G	5.57092G	76.762M	5.491739G	5.568501G	Inf	1
81.24M	5.4892G	5.57044G	76.882M	5.491619G	5.568501G	Inf	2
81.72M	5.48896G	5.57068G	76.762M	5.491619G	5.568381G	Inf	3
81.36M	5.48944G	5.5708G	76.762M	5.491739G	5.568501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

14/04/2021

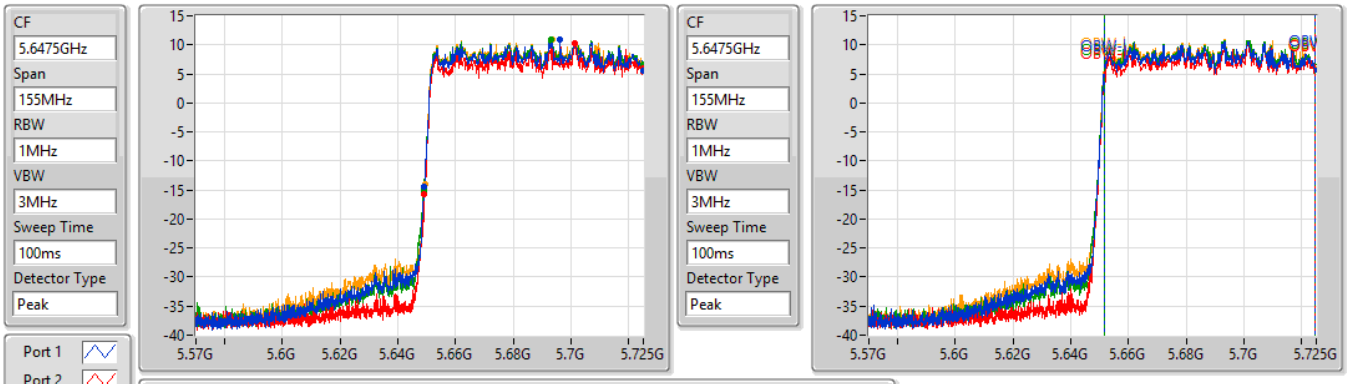


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.56908G	5.6508G	76.762M	5.571619G	5.648381G	Inf	1
81.12M	5.5692G	5.65032G	76.762M	5.571619G	5.648381G	Inf	2
81.6M	5.56908G	5.65068G	76.882M	5.571619G	5.648501G	Inf	3
81.6M	5.56932G	5.65092G	76.762M	5.571619G	5.648381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

15/04/2021

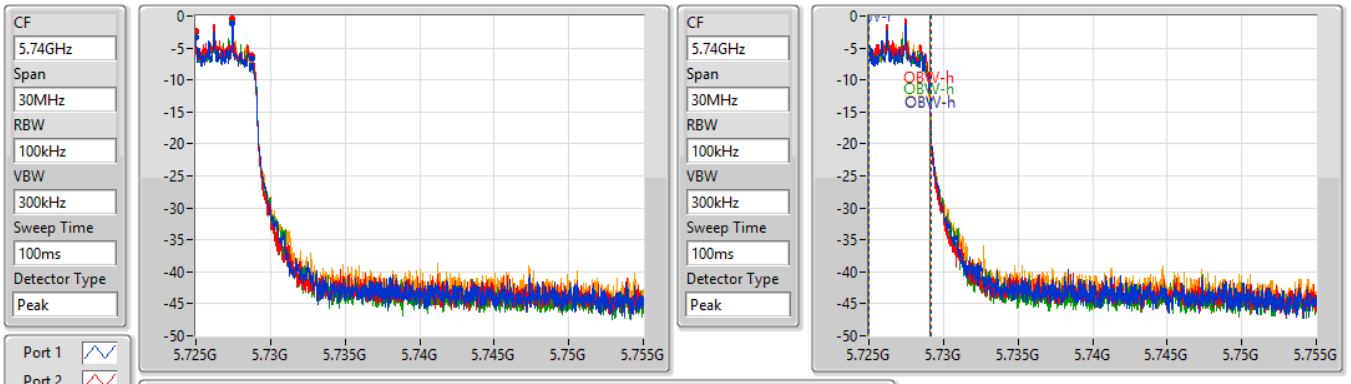


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.95M	5.64905G	5.725G	72.814M	5.651605G	5.724419G	Inf	1
75.795M	5.649205G	5.725G	72.814M	5.651605G	5.724419G	Inf	2
76.028M	5.648973G	5.725G	72.891M	5.651528G	5.724419G	Inf	3
75.64M	5.64936G	5.725G	72.891M	5.651528G	5.724419G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

15/04/2021

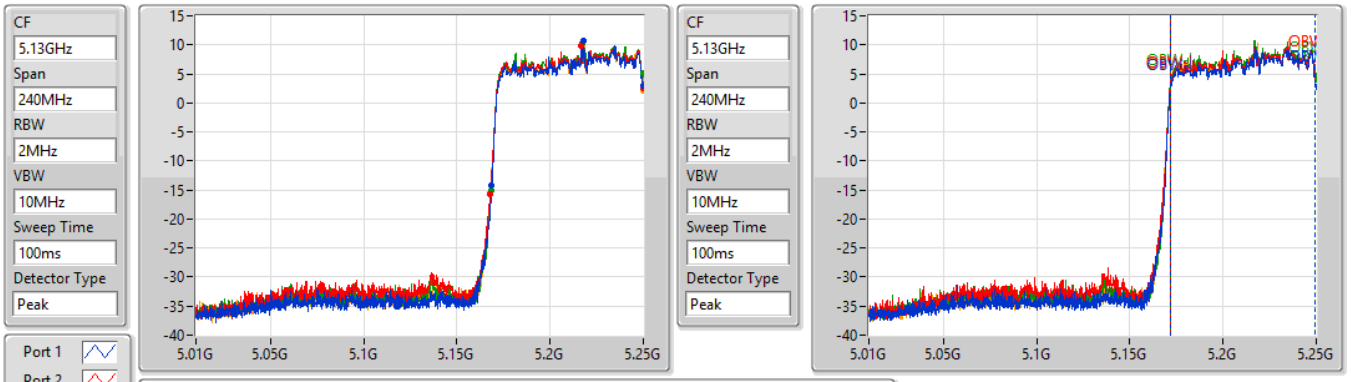


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.735M	5.725G	5.728735G	4.138M	5.725007G	5.729145G	500k	1
3.78M	5.725G	5.72878G	4.093M	5.725007G	5.7291G	500k	2
3.765M	5.725G	5.728765G	4.108M	5.725007G	5.729115G	500k	3
3.675M	5.725G	5.728675G	4.153M	5.725007G	5.72916G	500k	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

15/04/2021

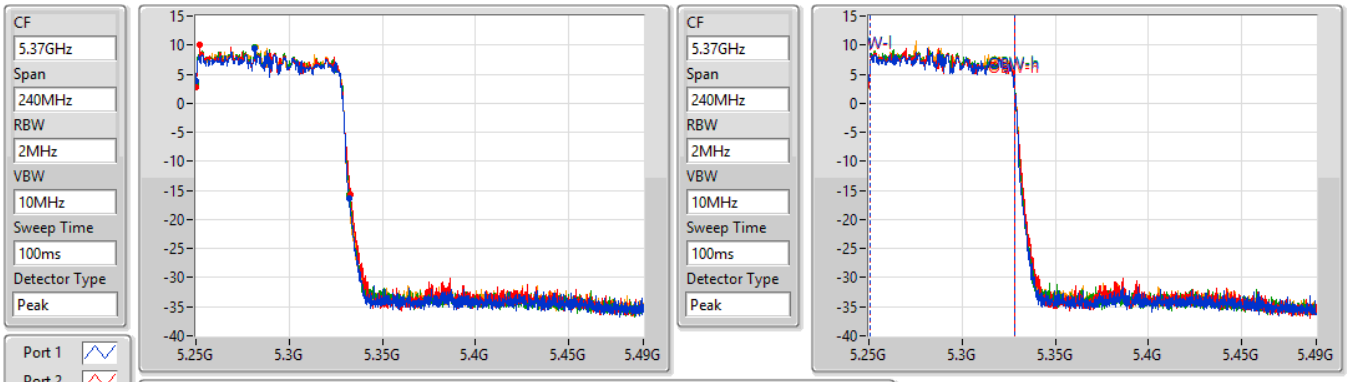


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16876G	5.25G	77.361M	5.171739G	5.2491G	Inf	1
82.2M	5.1678G	5.25G	77.601M	5.171619G	5.24922G	Inf	2
81.72M	5.16828G	5.25G	77.481M	5.171739G	5.24922G	Inf	3
82.08M	5.16792G	5.25G	77.361M	5.171739G	5.2491G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.25-5.35GHz

15/04/2021

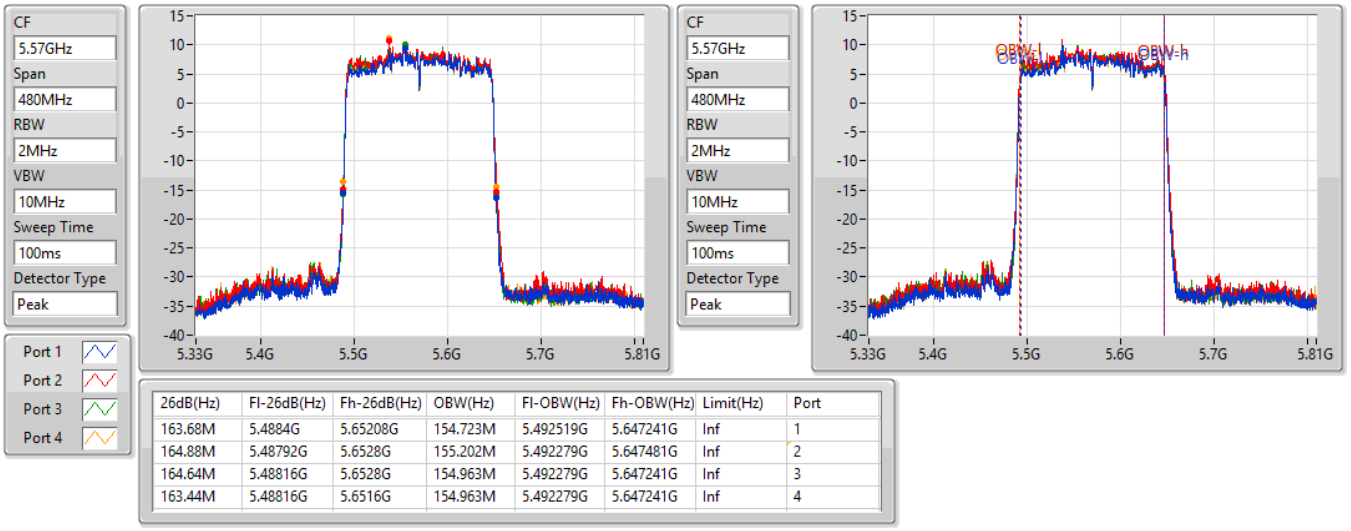


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.96M	5.25G	5.33196G	77.481M	5.25066G	5.328141G	Inf	1
83.04M	5.25G	5.33304G	77.601M	5.25066G	5.328261G	Inf	2
82.56M	5.25G	5.33256G	77.601M	5.25066G	5.328261G	Inf	3
82.32M	5.25G	5.33232G	77.481M	5.25078G	5.328261G	Inf	4

802.11ax HEW160_Nss1,(MCS0)_4TX **EBW**

5570MHz

14/04/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.68M	5.4884G	5.65208G	154.723M	5.492519G	5.647241G	Inf	1
164.88M	5.48792G	5.6528G	155.202M	5.492279G	5.647481G	Inf	2
164.64M	5.48816G	5.6528G	154.963M	5.492279G	5.647241G	Inf	3
163.44M	5.48816G	5.6516G	154.963M	5.492279G	5.647241G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	82.2M	77.721M	77M7D1D	82.08M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.69M	19.1M	19M1D1D	20.91M	18.951M
802.11ax HEW40_Nss4,(MCS0)_4TX	40.32M	37.721M	37M7D1D	39.6M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.6M	77.241M	77M2D1D	81.12M	76.882M
802.11ax HEW160_Nss4,(MCS0)_4TX	83.16M	77.721M	77M7D1D	81.6M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.69M	19.1M	19M1D1D	15.523M	14.5M
802.11ax HEW40_Nss4,(MCS0)_4TX	120M	37.781M	37M8D1D	34.8M	33.658M
802.11ax HEW80_Nss4,(MCS0)_4TX	81.84M	77.361M	77M4D1D	75.64M	73.046M
802.11ax HEW160_Nss4,(MCS0)_4TX	165.12M	155.202M	155MD1D	162.72M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	4.47M	4.708M	4M71D1D	4.155M	4.573M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.78M	4.093M	4M09D1D	3.66M	4.033M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.78M	4.213M	4M21D1D	3.66M	4.138M

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

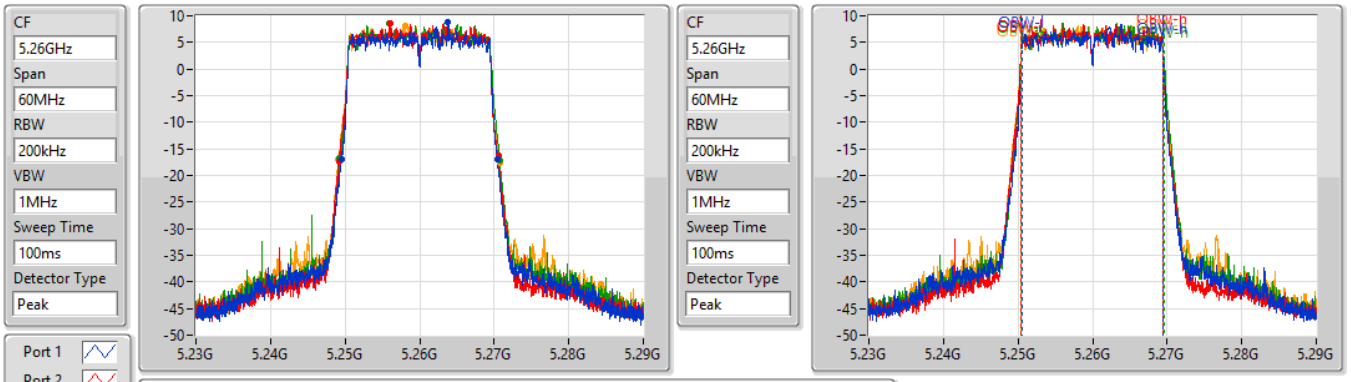
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.91M	18.981M	21.36M	18.951M	21.48M	19.1M	21.66M	19.1M
5300MHz	Pass	Inf	21.12M	18.951M	21.33M	18.951M	21.42M	19.1M	21.63M	19.1M
5320MHz	Pass	Inf	20.97M	19.01M	21.36M	18.951M	21.36M	19.07M	21.69M	19.1M
5500MHz	Pass	Inf	21M	18.981M	21.54M	18.951M	21.6M	19.1M	21.69M	19.1M
5580MHz	Pass	Inf	21M	18.981M	21.39M	18.981M	21.36M	19.07M	21.57M	19.07M
5700MHz	Pass	Inf	21.18M	18.981M	21.36M	19.01M	21.42M	19.1M	21.6M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.523M	14.5M	15.838M	14.553M	15.663M	14.57M	15.978M	14.623M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.455M	4.603M	4.425M	4.573M	4.155M	4.708M	4.47M	4.633M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.9M	37.481M	40.14M	37.721M	39.6M	37.481M	40.14M	37.601M
5310MHz	Pass	Inf	39.96M	37.541M	40.32M	37.721M	39.66M	37.481M	40.2M	37.601M
5510MHz	Pass	Inf	39.6M	36.402M	39.78M	36.282M	39.84M	36.342M	40.44M	36.582M
5550MHz	Pass	Inf	39.96M	37.481M	40.14M	37.781M	39.6M	37.481M	40.2M	37.601M
5670MHz	Pass	Inf	120M	37.541M	40.14M	37.721M	39.6M	37.481M	40.2M	37.601M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.138M	33.658M	35.213M	33.846M	34.8M	33.733M	35.063M	33.696M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.063M	3.66M	4.063M	3.735M	4.033M	3.78M	4.093M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.6M	76.882M	81.12M	77.001M	81.6M	77.241M	81.24M	77.001M
5530MHz	Pass	Inf	81.48M	77.001M	81.24M	77.001M	81.48M	77.361M	81.12M	77.001M
5610MHz	Pass	Inf	81.6M	77.001M	81.24M	77.001M	81.84M	77.361M	81.24M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.718M	73.046M	75.64M	73.046M	75.718M	73.201M	75.718M	73.046M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.168M	3.78M	4.138M	3.75M	4.213M	3.66M	4.153M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	82.08M	77.481M	82.2M	77.721M	82.2M	77.481M	82.2M	77.361M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	81.6M	77.241M	83.16M	77.601M	81.6M	77.361M	82.32M	77.721M
5570MHz	Pass	Inf	162.72M	154.963M	165.12M	155.202M	163.68M	155.202M	164.4M	155.202M

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

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5260MHz

14/04/2021

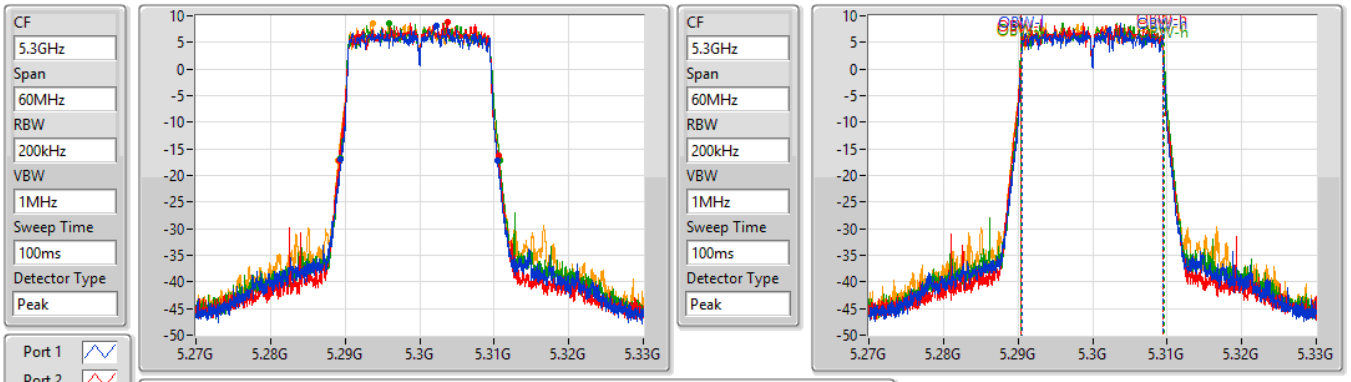


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.91M	5.2495G	5.27041G	18.981M	5.250495G	5.269475G	Inf	1
21.36M	5.24917G	5.27053G	18.951M	5.250465G	5.269415G	Inf	2
21.48M	5.24926G	5.27074G	19.1M	5.250435G	5.269535G	Inf	3
21.66M	5.24908G	5.27074G	19.1M	5.250375G	5.269475G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5300MHz

14/04/2021

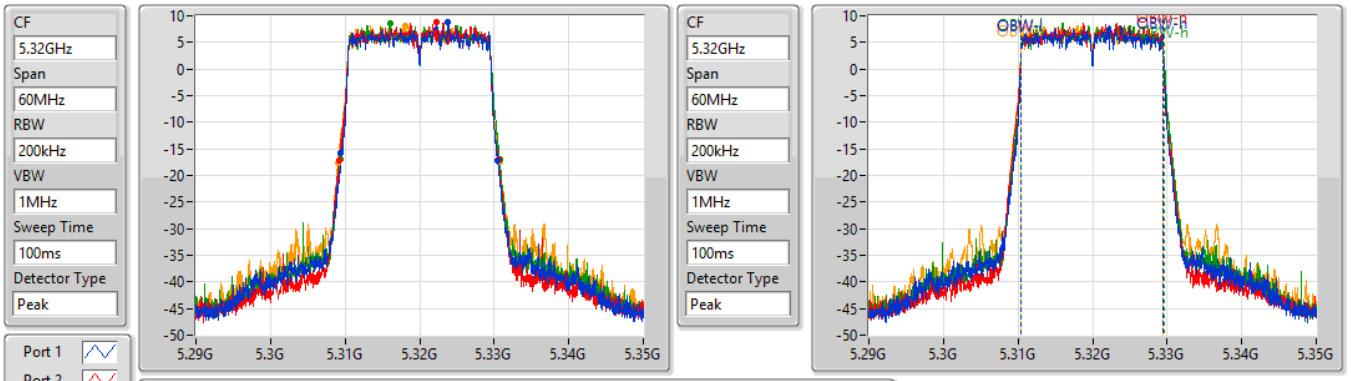


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.12M	5.28935G	5.31047G	18.951M	5.290495G	5.309445G	Inf	1
21.33M	5.2892G	5.31053G	18.951M	5.290465G	5.309415G	Inf	2
21.42M	5.28935G	5.31077G	19.1M	5.290435G	5.309535G	Inf	3
21.63M	5.28908G	5.31071G	19.1M	5.290375G	5.309475G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5320MHz

14/04/2021

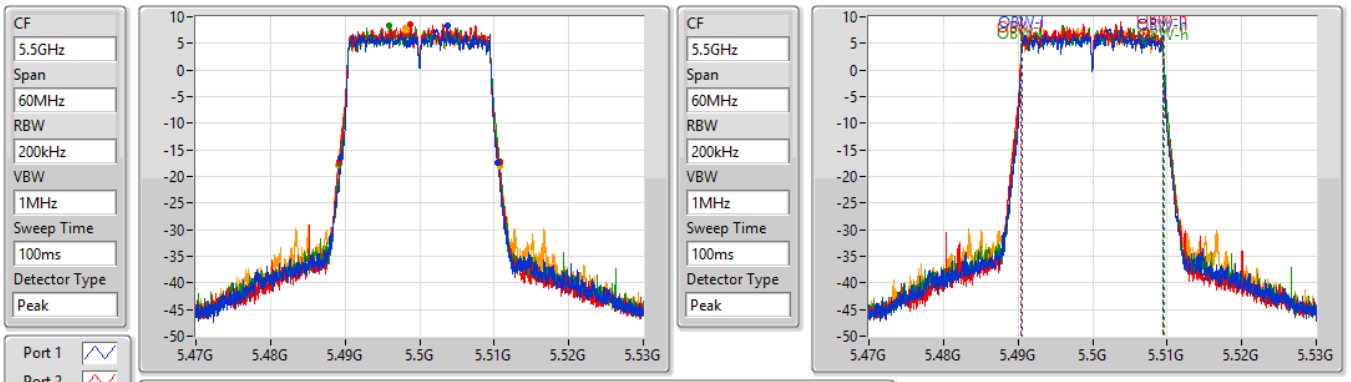


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.97M	5.30947G	5.33044G	19.01M	5.310465G	5.329475G	Inf	1
21.36M	5.30917G	5.33053G	18.951M	5.310465G	5.329415G	Inf	2
21.36M	5.30938G	5.33074G	19.07M	5.310465G	5.329535G	Inf	3
21.69M	5.30905G	5.33074G	19.1M	5.310375G	5.329475G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5500MHz

14/04/2021

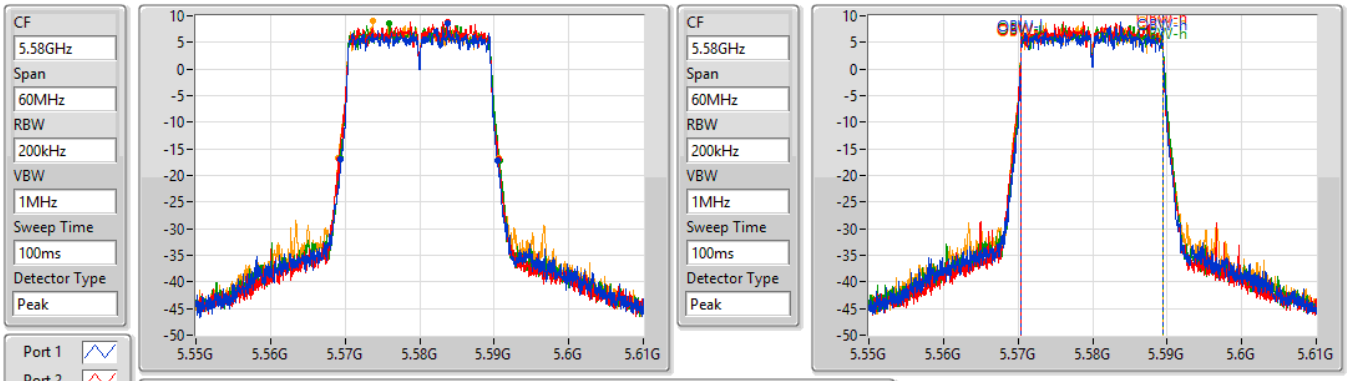


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21M	5.48944G	5.51044G	18.981M	5.490495G	5.509475G	Inf	1
21.54M	5.48917G	5.51071G	18.951M	5.490465G	5.509415G	Inf	2
21.6M	5.48917G	5.51077G	19.1M	5.490435G	5.509535G	Inf	3
21.69M	5.48905G	5.51074G	19.1M	5.490375G	5.509475G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5580MHz

14/04/2021

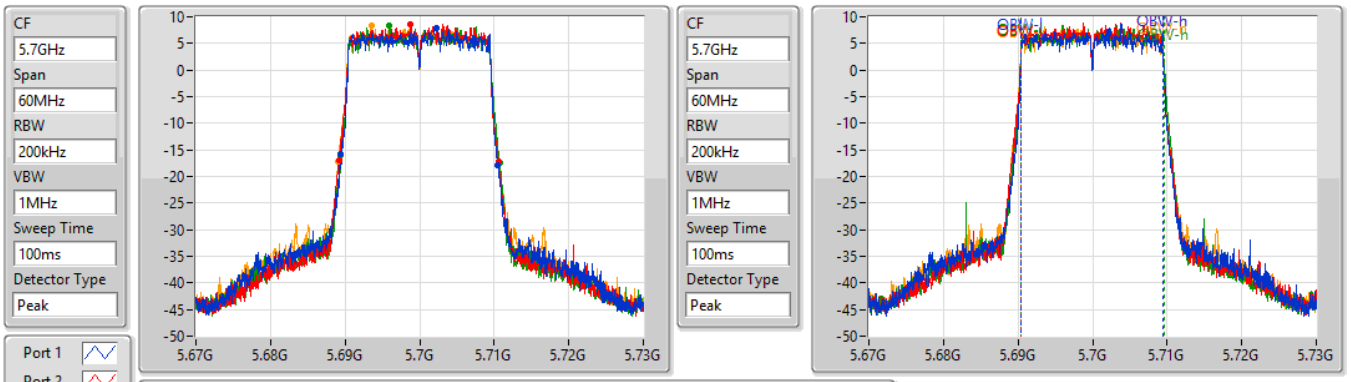


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21M	5.56941G	5.59041G	18.981M	5.570465G	5.589445G	Inf	1
21.39M	5.56917G	5.59056G	18.981M	5.570435G	5.589415G	Inf	2
21.36M	5.56938G	5.59074G	19.07M	5.570435G	5.589505G	Inf	3
21.57M	5.56911G	5.59068G	19.07M	5.570375G	5.589445G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5700MHz

14/04/2021

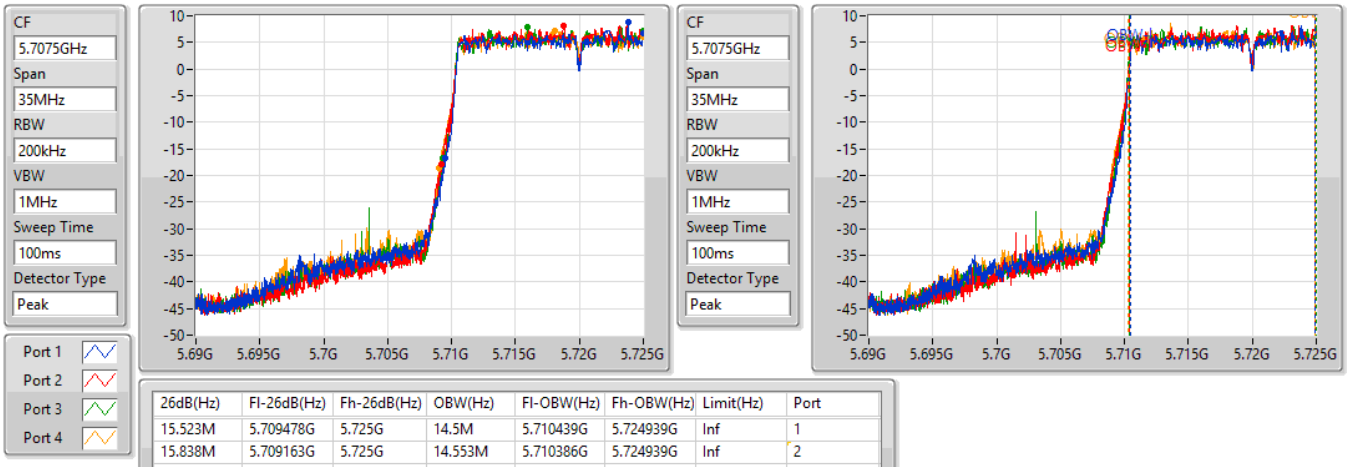


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.68932G	5.7105G	18.981M	5.690465G	5.709445G	Inf	1
21.36M	5.68917G	5.71053G	19.01M	5.690435G	5.709445G	Inf	2
21.42M	5.68935G	5.71077G	19.1M	5.690435G	5.709535G	Inf	3
21.6M	5.68908G	5.71068G	19.1M	5.690375G	5.709475G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

14/04/2021

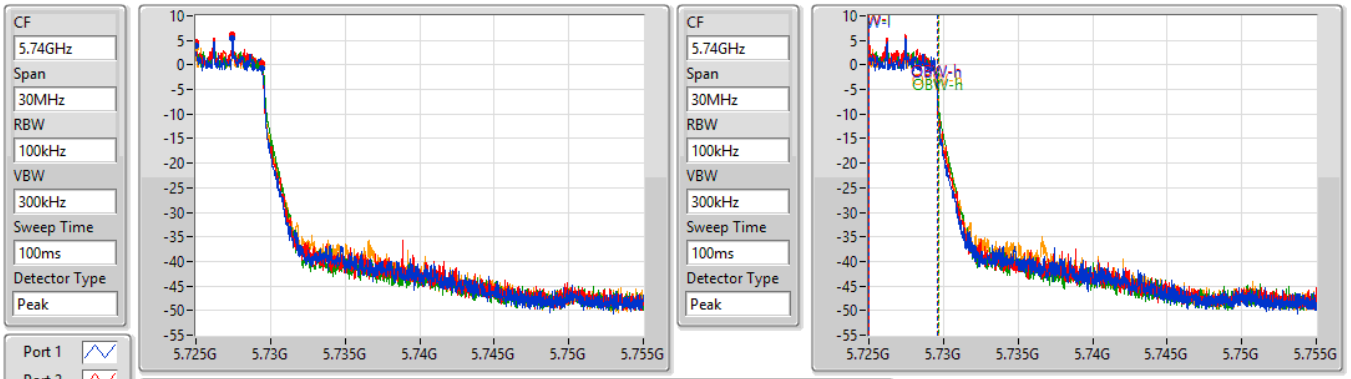


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.523M	5.709478G	5.725G	14.5M	5.710439G	5.724939G	Inf	1
15.838M	5.709163G	5.725G	14.553M	5.710386G	5.724939G	Inf	2
15.663M	5.709338G	5.725G	14.57M	5.710386G	5.724956G	Inf	3
15.978M	5.709023G	5.725G	14.623M	5.710316G	5.724939G	Inf	4

802.11ax HEW20_Nss4,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

14/04/2021

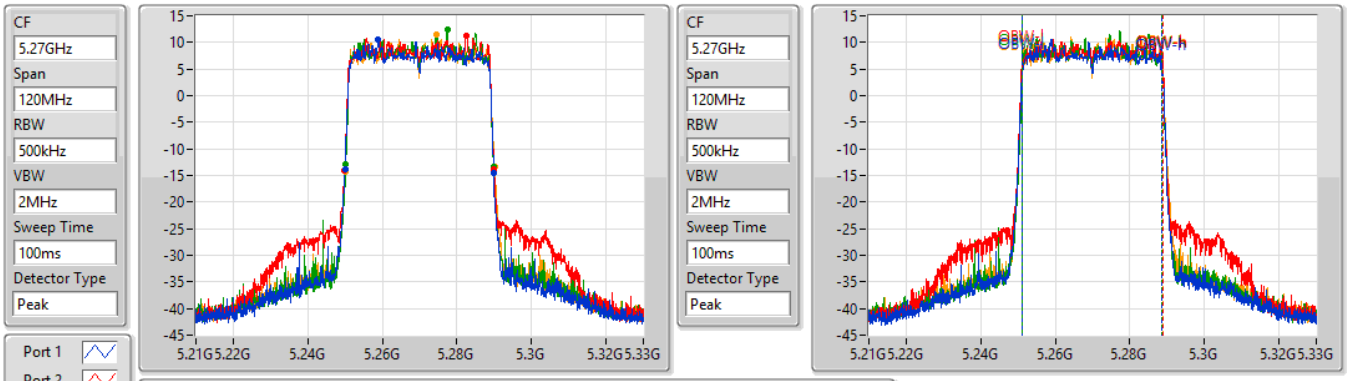


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.455M	5.725G	5.729455G	4.603M	5.725007G	5.72961G	500k	1
4.425M	5.725G	5.729425G	4.573M	5.725007G	5.72958G	500k	2
4.155M	5.725G	5.729155G	4.708M	5.725007G	5.729715G	500k	3
4.47M	5.725G	5.72947G	4.633M	5.725007G	5.72964G	500k	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5270MHz

14/04/2021

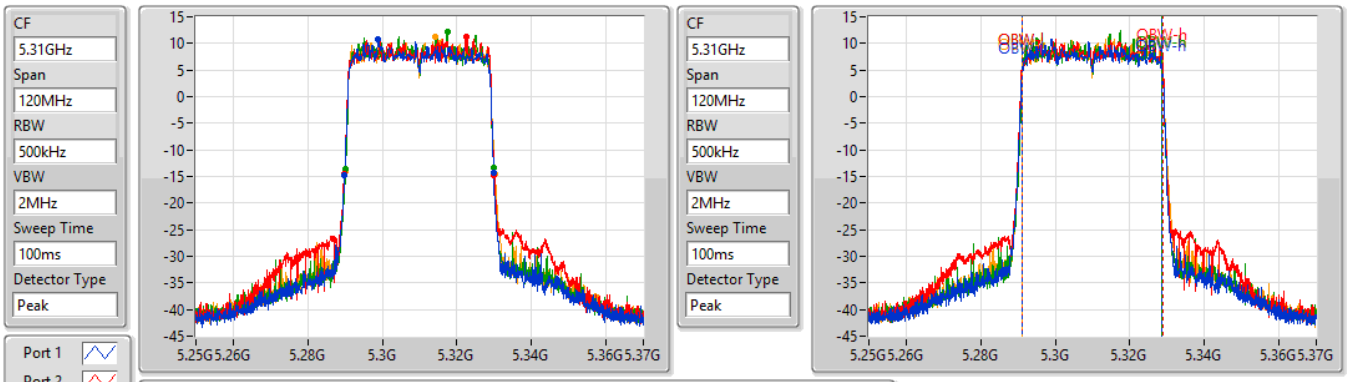


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.24996G	5.28986G	37.481M	5.251229G	5.288711G	Inf	1
40.14M	5.24984G	5.28998G	37.721M	5.251109G	5.288831G	Inf	2
39.6M	5.2502G	5.2898G	37.481M	5.251229G	5.288711G	Inf	3
40.14M	5.24996G	5.2901G	37.601M	5.251169G	5.288771G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5310MHz

14/04/2021

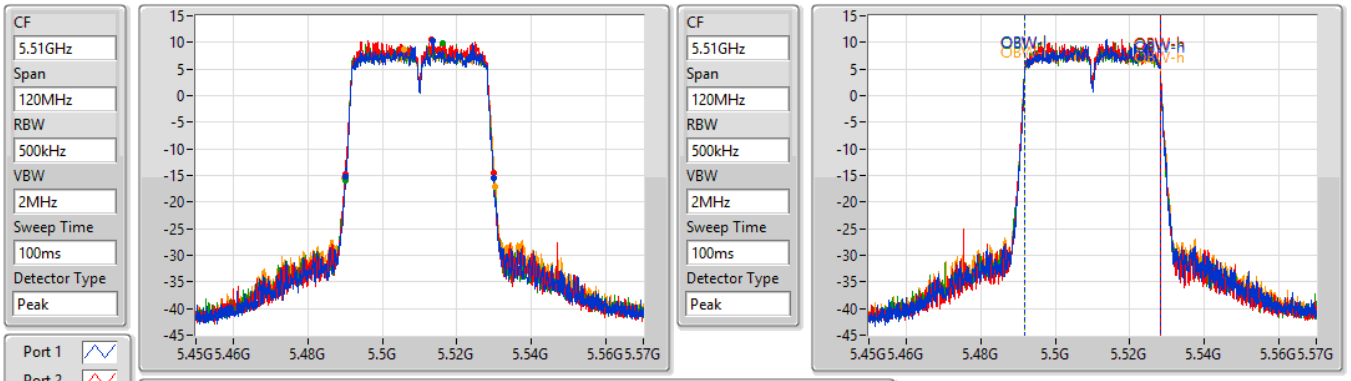


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.2899G	5.32986G	37.541M	5.291169G	5.328711G	Inf	1
40.32M	5.28972G	5.33004G	37.721M	5.291109G	5.328831G	Inf	2
39.66M	5.29014G	5.3298G	37.481M	5.291229G	5.328711G	Inf	3
40.2M	5.28996G	5.33016G	37.601M	5.291169G	5.328771G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5510MHz

14/04/2021

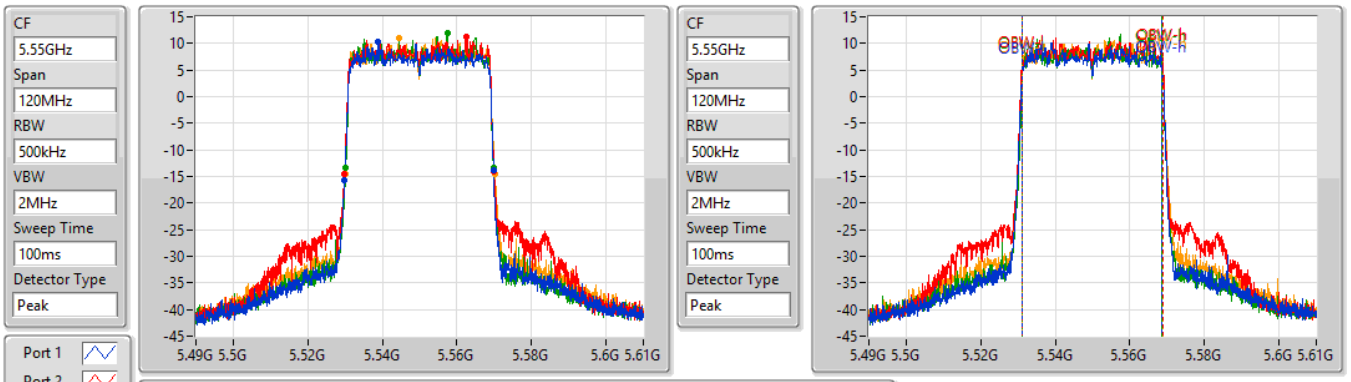


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.49014G	5.52974G	36.402M	5.491769G	5.528171G	Inf	1
39.78M	5.49002G	5.5298G	36.282M	5.491829G	5.528111G	Inf	2
39.84M	5.48996G	5.5298G	36.342M	5.491769G	5.528111G	Inf	3
40.44M	5.4899G	5.53034G	36.582M	5.491709G	5.528291G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5550MHz

14/04/2021

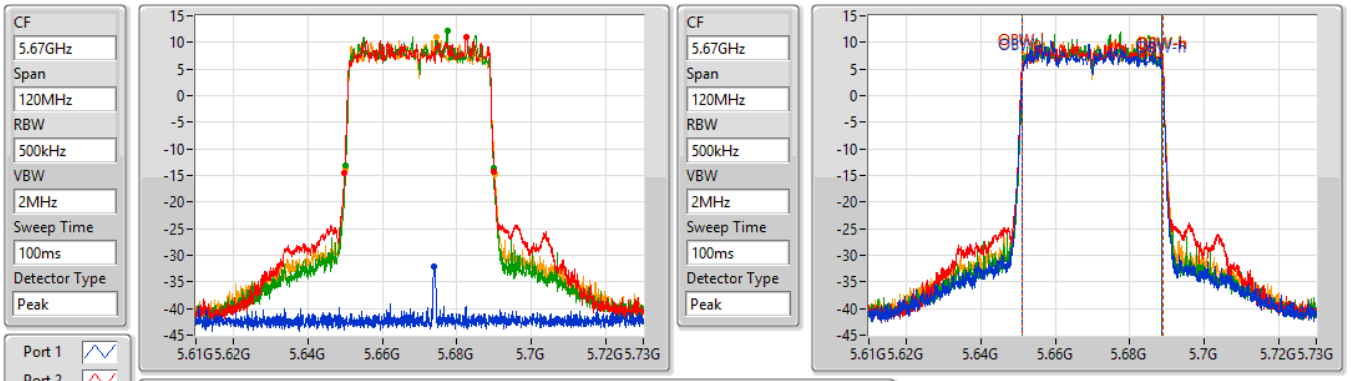


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.52984G	5.5698G	37.481M	5.531229G	5.568711G	Inf	1
40.14M	5.52984G	5.56998G	37.781M	5.531049G	5.568831G	Inf	2
39.6M	5.5302G	5.5698G	37.481M	5.531229G	5.568711G	Inf	3
40.2M	5.52996G	5.57016G	37.601M	5.531169G	5.568771G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5670MHz

14/04/2021

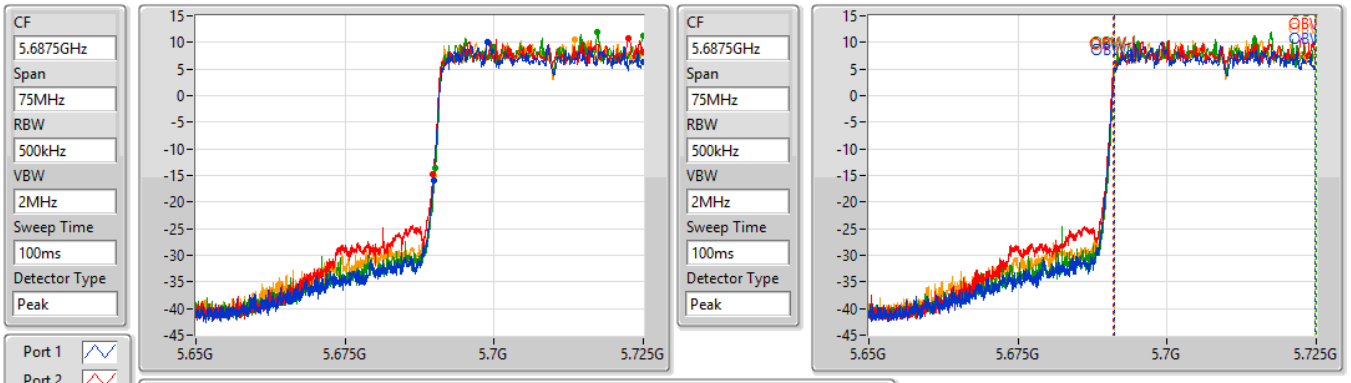


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
120M	5.61G	5.73G	37.541M	5.651169G	5.688711G	Inf	1
40.14M	5.64984G	5.68998G	37.721M	5.651109G	5.688831G	Inf	2
39.6M	5.6502G	5.6898G	37.481M	5.651229G	5.688711G	Inf	3
40.2M	5.64996G	5.69016G	37.601M	5.651169G	5.688771G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

14/04/2021

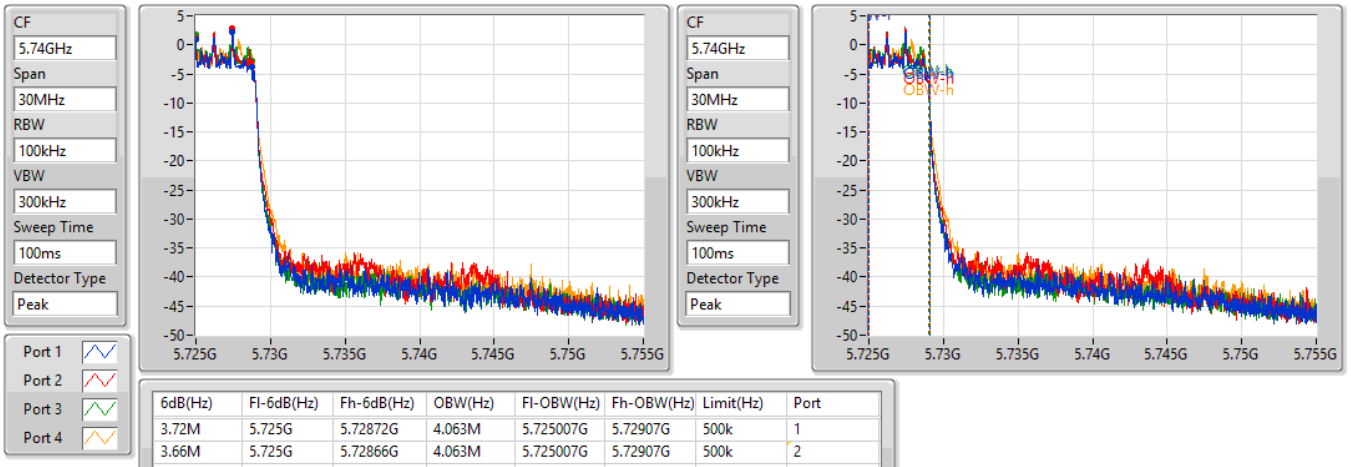


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.138M	5.689863G	5.725G	33.658M	5.691136G	5.724794G	Inf	1
35.213M	5.689788G	5.725G	33.846M	5.691023G	5.724869G	Inf	2
34.8M	5.6902G	5.725G	33.733M	5.691173G	5.724906G	Inf	3
35.063M	5.689938G	5.725G	33.696M	5.691136G	5.724831G	Inf	4

802.11ax HEW40_Nss4,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

14/04/2021

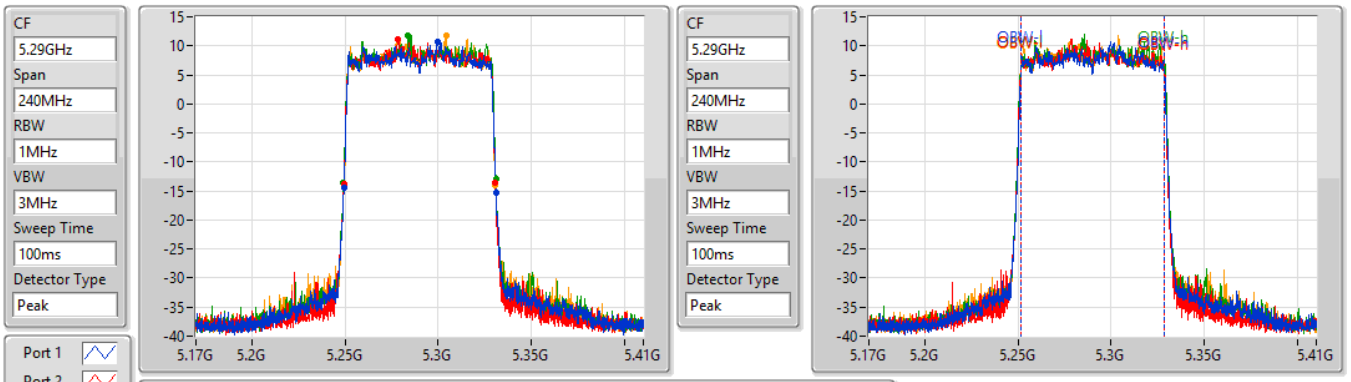


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.72M	5.725G	5.72872G	4.063M	5.725007G	5.72907G	500k	1
3.66M	5.725G	5.72866G	4.063M	5.725007G	5.72907G	500k	2
3.735M	5.725G	5.728735G	4.033M	5.725007G	5.72904G	500k	3
3.78M	5.725G	5.72878G	4.093M	5.725007G	5.7291G	500k	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5290MHz

14/04/2021

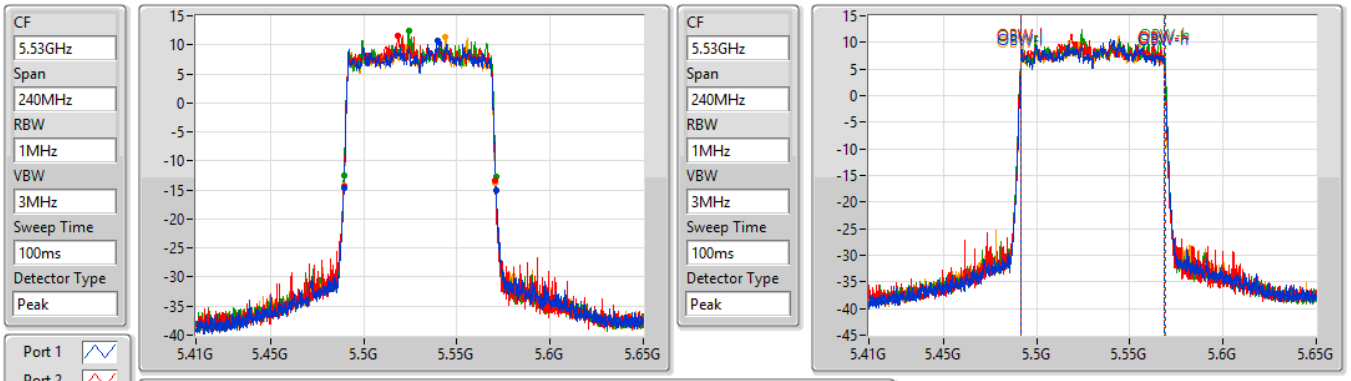


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.24944G	5.33104G	76.882M	5.251619G	5.328501G	Inf	1
81.12M	5.24944G	5.33056G	77.001M	5.251499G	5.328501G	Inf	2
81.6M	5.2492G	5.3308G	77.241M	5.251499G	5.328741G	Inf	3
81.24M	5.24944G	5.33068G	77.001M	5.251499G	5.328501G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5530MHz

14/04/2021

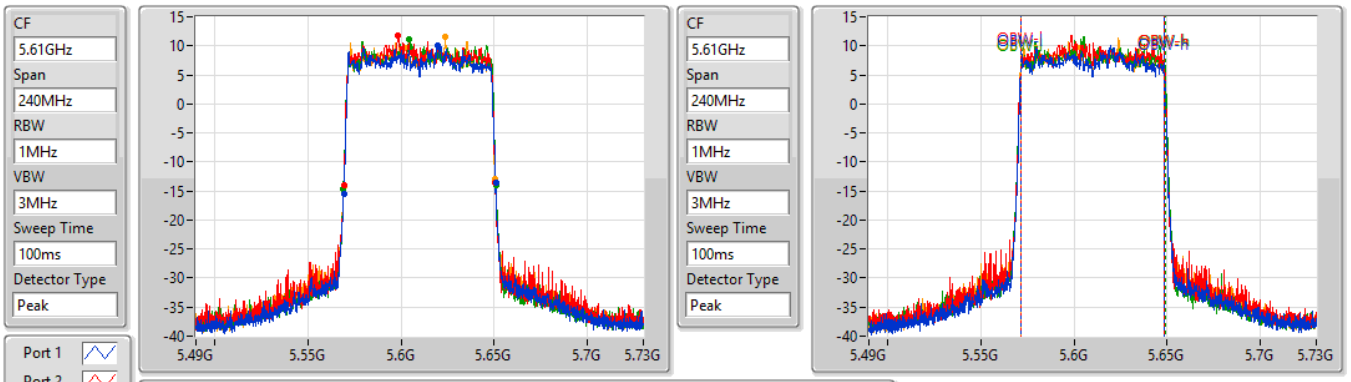


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.48944G	5.57092G	77.001M	5.491619G	5.568621G	Inf	1
81.24M	5.48932G	5.57056G	77.001M	5.491499G	5.568501G	Inf	2
81.48M	5.48932G	5.5708G	77.361M	5.491499G	5.568861G	Inf	3
81.12M	5.48956G	5.57068G	77.001M	5.491499G	5.568501G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5610MHz

14/04/2021

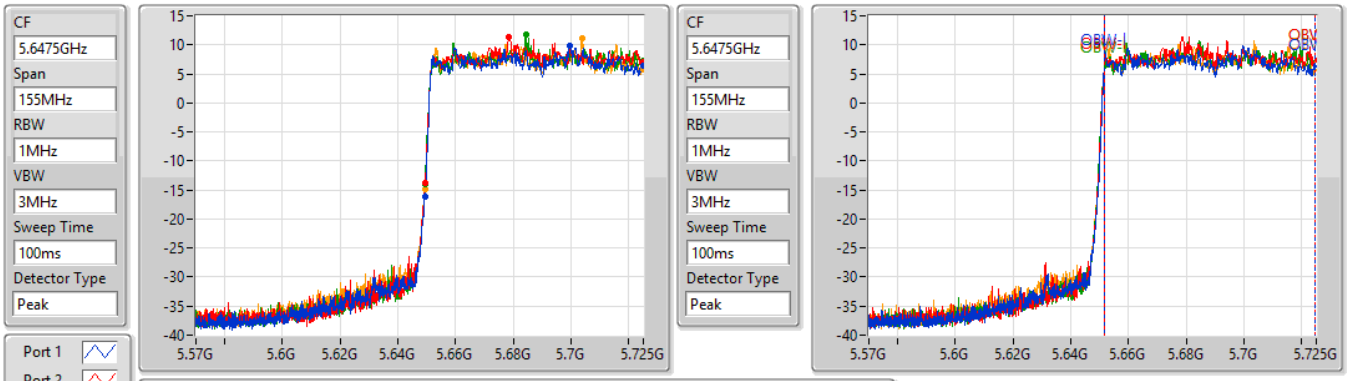


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.56932G	5.65092G	77.001M	5.571499G	5.648501G	Inf	1
81.24M	5.56932G	5.65056G	77.001M	5.571499G	5.648501G	Inf	2
81.84M	5.56908G	5.65092G	77.361M	5.571499G	5.648861G	Inf	3
81.24M	5.56932G	5.65056G	77.001M	5.571379G	5.648381G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

14/04/2021

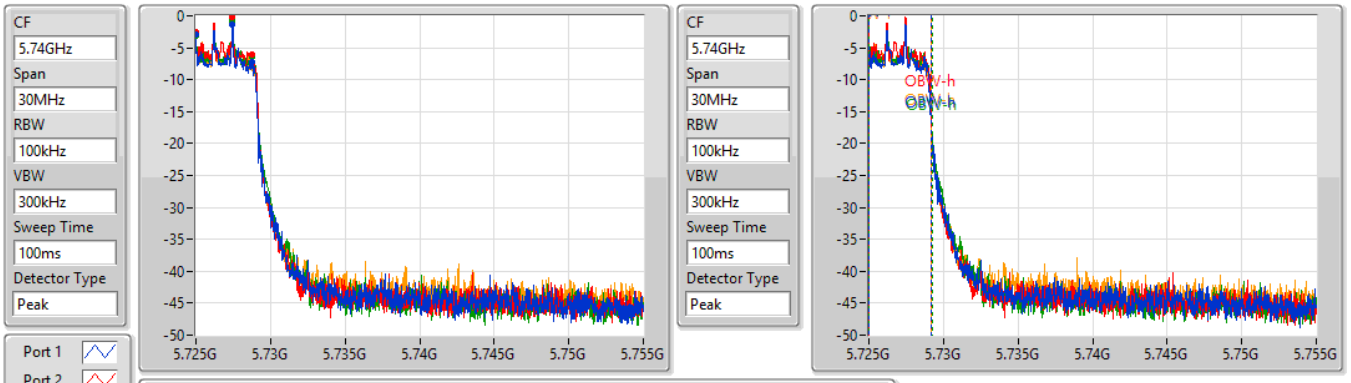


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.718M	5.649283G	5.725G	73.046M	5.651528G	5.724574G	Inf	1
75.64M	5.64936G	5.725G	73.046M	5.651528G	5.724574G	Inf	2
75.718M	5.649283G	5.725G	73.201M	5.651451G	5.724651G	Inf	3
75.718M	5.649283G	5.725G	73.046M	5.651451G	5.724497G	Inf	4

802.11ax HEW80_Nss4,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

14/04/2021

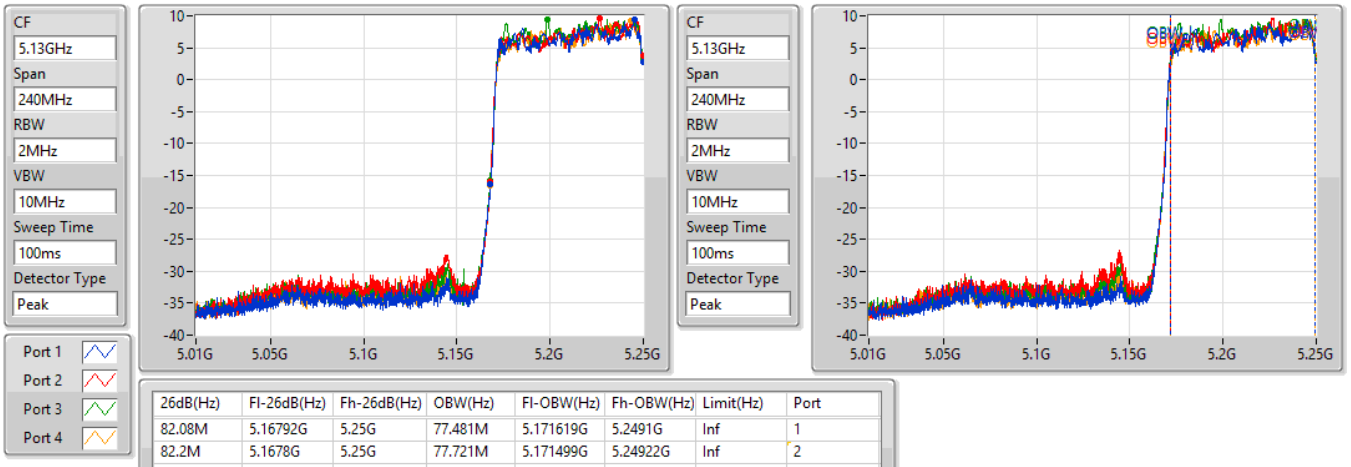


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.78M	5.725G	5.72878G	4.168M	5.725007G	5.729175G	500k	1
3.78M	5.725G	5.72878G	4.138M	5.725007G	5.729145G	500k	2
3.75M	5.725G	5.72875G	4.213M	5.725007G	5.72922G	500k	3
3.66M	5.725G	5.72866G	4.153M	5.725007G	5.72916G	500k	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

14/04/2021

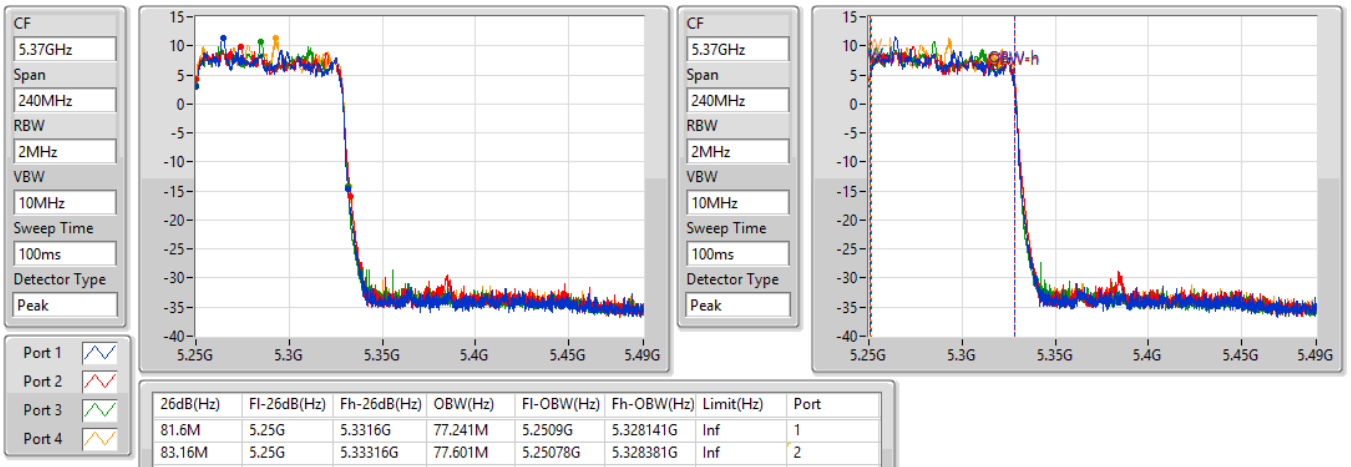


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.16792G	5.25G	77.481M	5.171619G	5.2491G	Inf	1
82.2M	5.1678G	5.25G	77.721M	5.171499G	5.24922G	Inf	2
82.2M	5.1678G	5.25G	77.481M	5.171619G	5.2491G	Inf	3
82.2M	5.1678G	5.25G	77.361M	5.171739G	5.2491G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

5250MHz Straddle 5.25-5.35GHz

14/04/2021

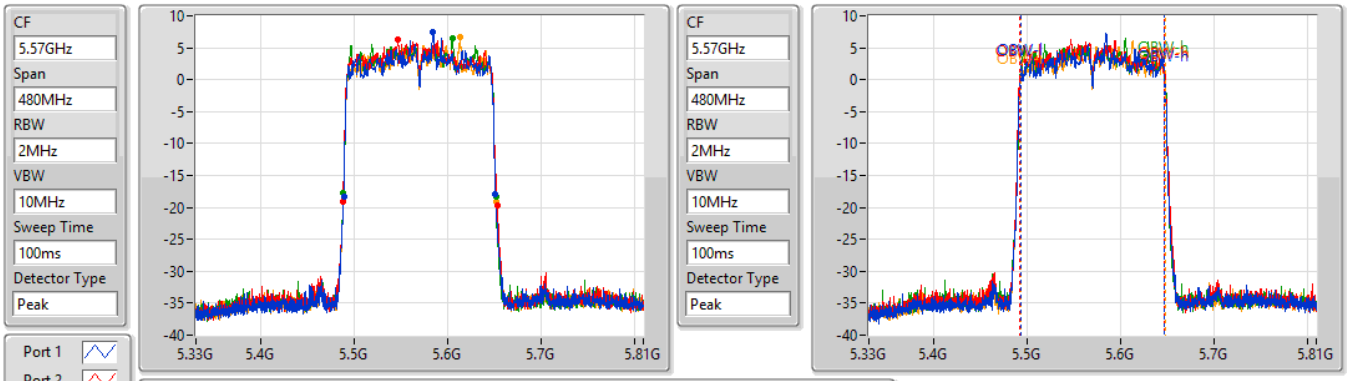


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.25G	5.3316G	77.241M	5.2509G	5.328141G	Inf	1
83.16M	5.25G	5.33316G	77.601M	5.25078G	5.328381G	Inf	2
81.6M	5.25G	5.3316G	77.361M	5.251019G	5.328381G	Inf	3
82.32M	5.25G	5.33232G	77.721M	5.25078G	5.328501G	Inf	4

802.11ax HEW160_Nss4,(MCS0)_4TX EBW

5570MHz

14/04/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
162.72M	5.48864G	5.65136G	154.963M	5.492519G	5.647481G	Inf	1
165.12M	5.48792G	5.65304G	155.202M	5.492279G	5.647481G	Inf	2
163.68M	5.48792G	5.6516G	155.202M	5.492279G	5.647481G	Inf	3
164.4M	5.48792G	5.65232G	155.202M	5.492519G	5.647721G	Inf	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.2M	77.481M	77M5D1D	81.6M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.54M	19.13M	19M1D1D	21.45M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.2M	37.541M	37M5D1D	39.78M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.48M	76.762M	76M8D1D	81.12M	76.762M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	83.28M	77.601M	77M6D1D	82.08M	77.481M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.6M	19.1M	19M1D1D	15.663M	14.518M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.26M	37.541M	37M5D1D	35.025M	33.658M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.001M	77M0D1D	75.64M	72.814M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.12M	155.202M	155MD1D	163.44M	154.723M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.455M	4.708M	4M71D1D	4.41M	4.648M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.81M	4.108M	4M11D1D	3.705M	4.063M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.81M	4.168M	4M17D1D	3.615M	4.093M

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

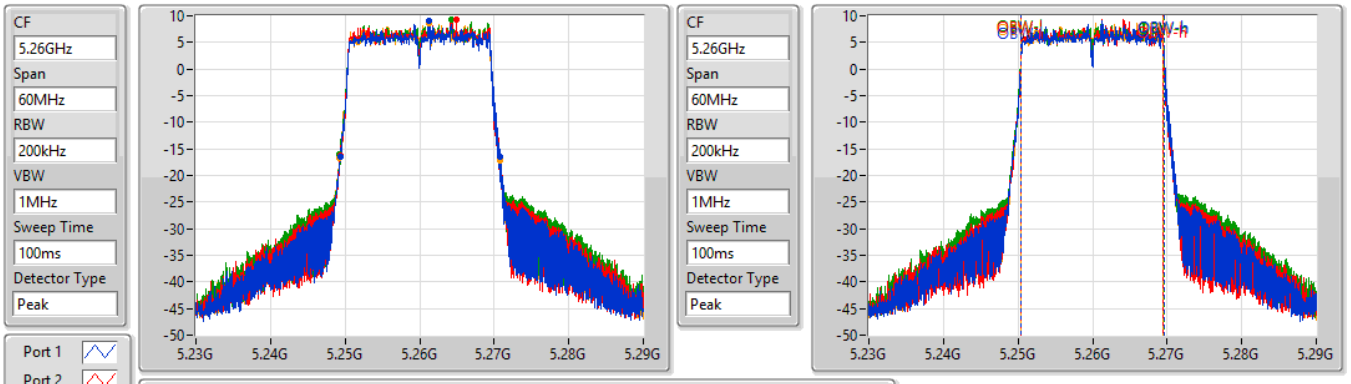
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.51M	19.13M	21.51M	19.04M	21.51M	19.07M	21.51M	19.01M
5300MHz	Pass	Inf	21.45M	19.1M	21.48M	19.07M	21.54M	19.07M	21.45M	19.01M
5320MHz	Pass	Inf	21.48M	19.1M	21.45M	19.04M	21.45M	19.07M	21.54M	19.01M
5500MHz	Pass	Inf	21.51M	19.1M	21.39M	19.04M	21.54M	19.1M	21.48M	19.01M
5580MHz	Pass	Inf	21.6M	19.1M	21.48M	19.04M	21.54M	19.04M	21.54M	19.01M
5700MHz	Pass	Inf	21.51M	19.1M	21.39M	19.07M	21.54M	19.07M	21.48M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.715M	14.518M	15.663M	14.535M	15.698M	14.553M	15.768M	14.535M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.41M	4.708M	4.425M	4.678M	4.425M	4.693M	4.455M	4.648M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.14M	37.541M	39.78M	37.541M	39.96M	37.481M	40.2M	37.481M
5310MHz	Pass	Inf	40.08M	37.541M	39.84M	37.541M	39.9M	37.481M	40.2M	37.481M
5510MHz	Pass	Inf	40.02M	37.541M	39.84M	37.481M	39.9M	37.541M	40.14M	37.541M
5550MHz	Pass	Inf	40.14M	37.541M	39.9M	37.481M	39.9M	37.541M	40.2M	37.481M
5670MHz	Pass	Inf	40.08M	37.541M	39.84M	37.541M	39.9M	37.541M	40.26M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.213M	33.733M	35.1M	33.658M	35.025M	33.696M	35.213M	33.696M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.705M	4.063M	3.795M	4.078M	3.795M	4.078M	3.81M	4.108M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.48M	76.762M	81.12M	76.762M	81.48M	76.762M	81.48M	76.762M
5530MHz	Pass	Inf	81.72M	76.882M	81.24M	76.762M	81.48M	76.762M	81.6M	76.762M
5610MHz	Pass	Inf	81.72M	76.762M	81.36M	76.882M	81.6M	76.762M	81.72M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.95M	72.969M	75.795M	72.891M	76.028M	72.891M	75.64M	72.814M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.81M	4.138M	3.78M	4.093M	3.615M	4.108M	3.78M	4.168M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.6M	77.361M	82.2M	77.481M	81.84M	77.481M	81.96M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.08M	77.601M	83.28M	77.601M	82.44M	77.601M	82.32M	77.481M
5570MHz	Pass	Inf	163.44M	154.963M	165.12M	154.963M	163.92M	155.202M	164.4M	154.723M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

15/04/2021

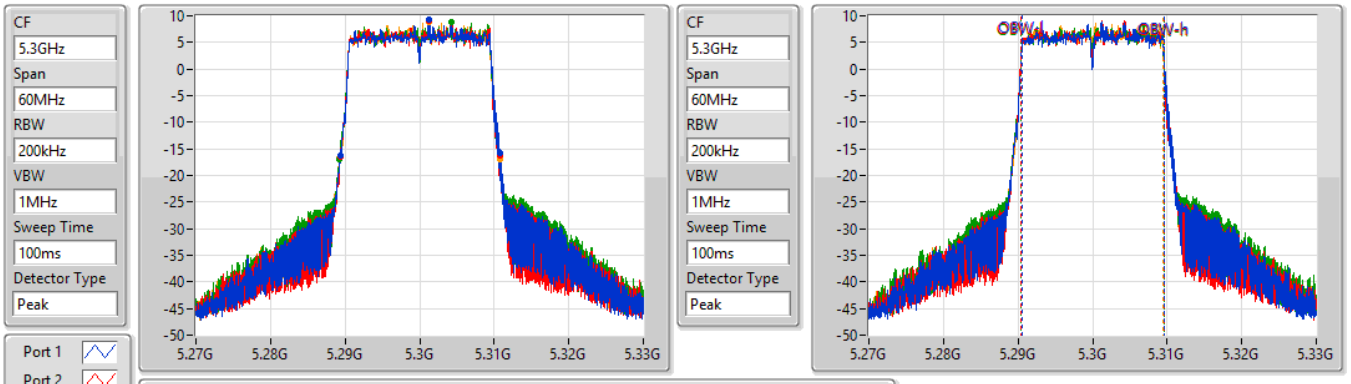


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.24932G	5.27083G	19.13M	5.250465G	5.269595G	Inf	1
21.51M	5.24932G	5.27083G	19.04M	5.250465G	5.269505G	Inf	2
21.51M	5.24926G	5.27077G	19.07M	5.250465G	5.269535G	Inf	3
21.51M	5.24923G	5.27074G	19.01M	5.250465G	5.269475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

15/04/2021

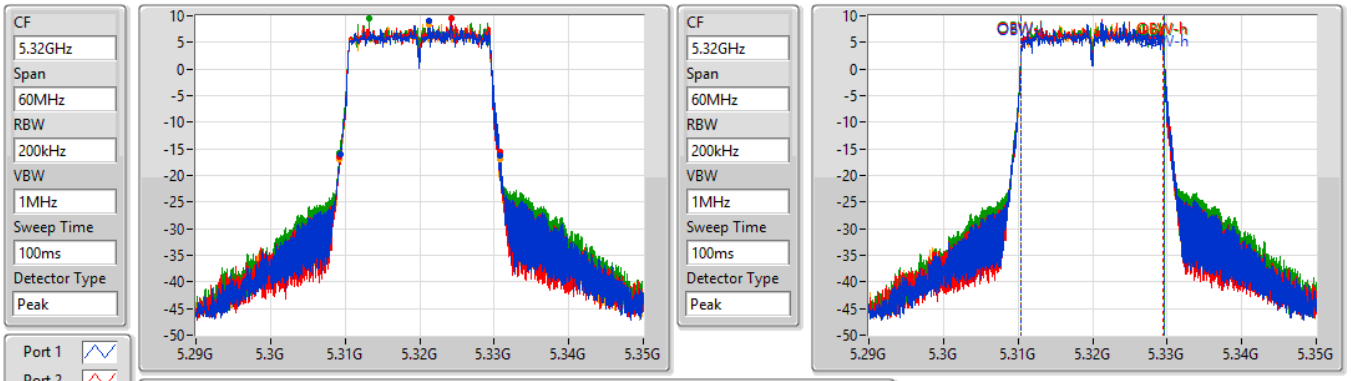


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.28932G	5.31077G	19.1M	5.290495G	5.309595G	Inf	1
21.48M	5.28932G	5.3108G	19.07M	5.290465G	5.309535G	Inf	2
21.54M	5.2892G	5.31074G	19.07M	5.290465G	5.309535G	Inf	3
21.45M	5.28929G	5.31074G	19.01M	5.290465G	5.309475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

15/04/2021

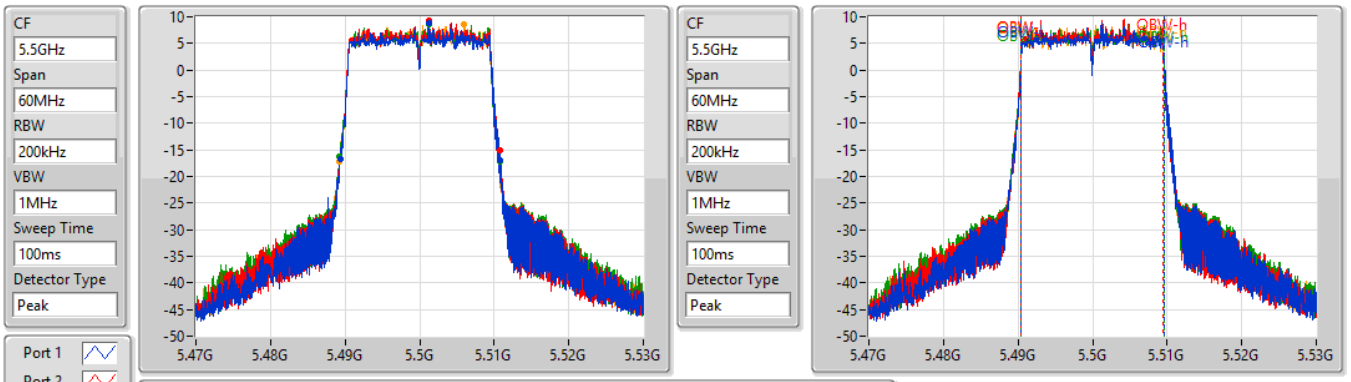


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.30932G	5.3308G	19.1M	5.310465G	5.329565G	Inf	1
21.45M	5.30929G	5.33074G	19.04M	5.310465G	5.329505G	Inf	2
21.45M	5.30929G	5.33074G	19.07M	5.310465G	5.329535G	Inf	3
21.54M	5.30923G	5.33077G	19.01M	5.310465G	5.329475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

15/04/2021

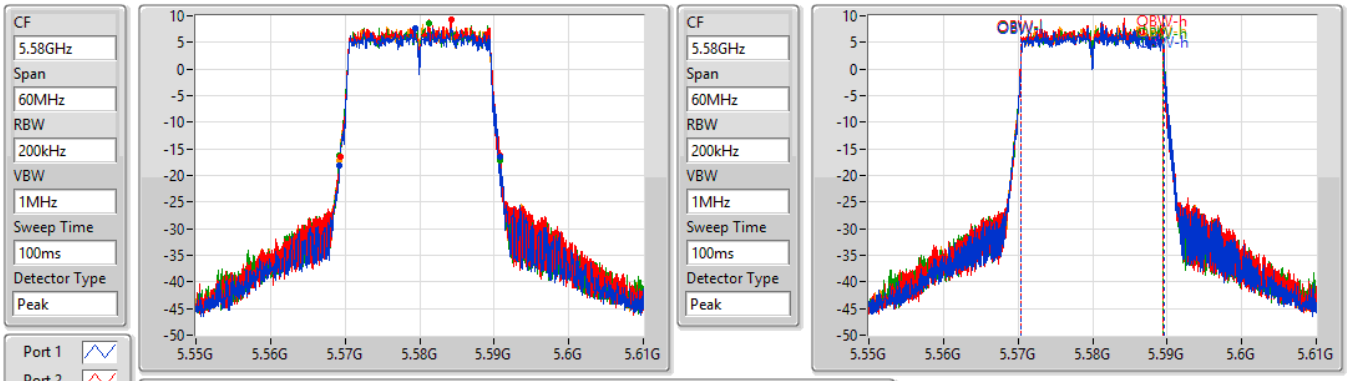


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.48932G	5.51083G	19.1M	5.490465G	5.509565G	Inf	1
21.39M	5.48932G	5.51071G	19.04M	5.490465G	5.509505G	Inf	2
21.54M	5.48926G	5.5108G	19.1M	5.490435G	5.509535G	Inf	3
21.48M	5.48923G	5.51071G	19.01M	5.490465G	5.509475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

15/04/2021

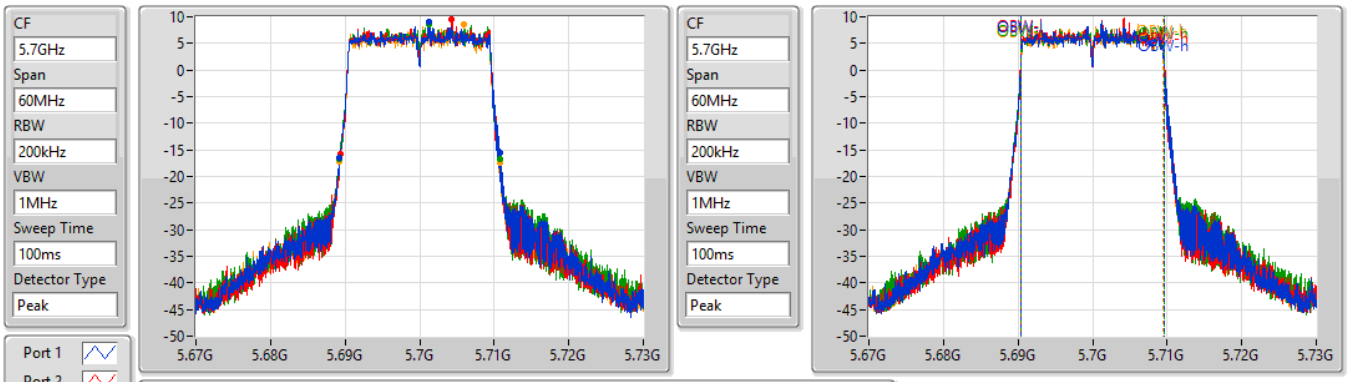


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.5692G	5.5908G	19.1M	5.570465G	5.589565G	Inf	1
21.48M	5.56932G	5.5908G	19.04M	5.570465G	5.589505G	Inf	2
21.54M	5.56926G	5.5908G	19.04M	5.570465G	5.589505G	Inf	3
21.54M	5.5692G	5.59074G	19.01M	5.570465G	5.589475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

15/04/2021

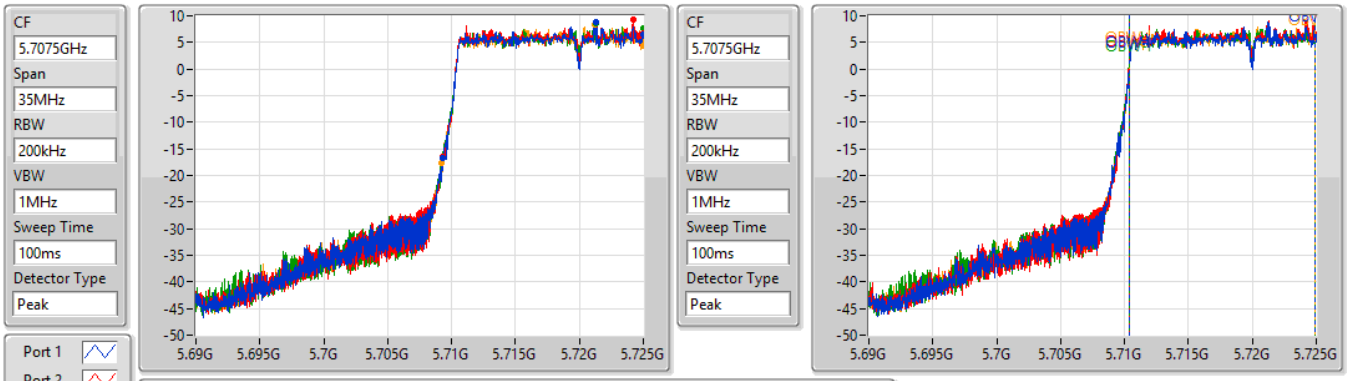


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.68926G	5.71077G	19.1M	5.690465G	5.709565G	Inf	1
21.39M	5.68935G	5.71074G	19.07M	5.690465G	5.709535G	Inf	2
21.54M	5.68923G	5.71077G	19.07M	5.690465G	5.709535G	Inf	3
21.48M	5.68926G	5.71074G	19.01M	5.690465G	5.709475G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

15/04/2021

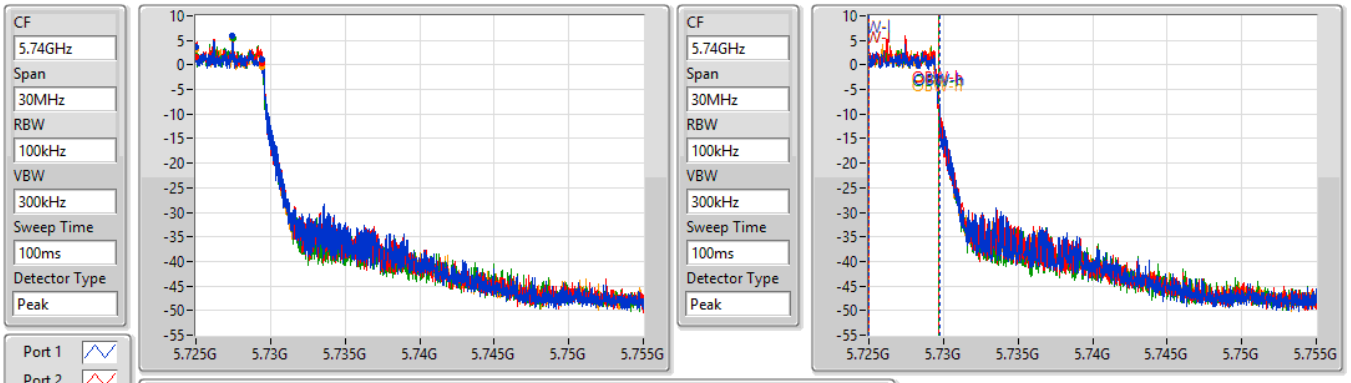


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.715M	5.709285G	5.725G	14.518M	5.710404G	5.724921G	Inf	1
15.663M	5.709338G	5.725G	14.535M	5.710404G	5.724939G	Inf	2
15.698M	5.709303G	5.725G	14.553M	5.7103866G	5.724939G	Inf	3
15.768M	5.709233G	5.725G	14.535M	5.710404G	5.724939G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

15/04/2021

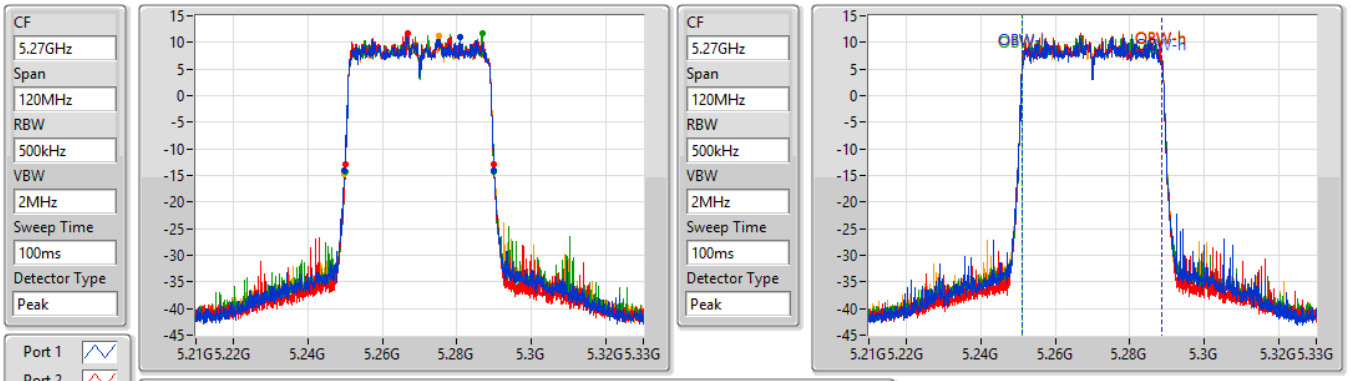


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.41M	5.725G	5.72941G	4.708M	5.725022G	5.72973G	500k	1
4.425M	5.725G	5.729425G	4.678M	5.725022G	5.7297G	500k	2
4.425M	5.725G	5.729425G	4.693M	5.725022G	5.729715G	500k	3
4.455M	5.725G	5.729455G	4.648M	5.725022G	5.72967G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

15/04/2021

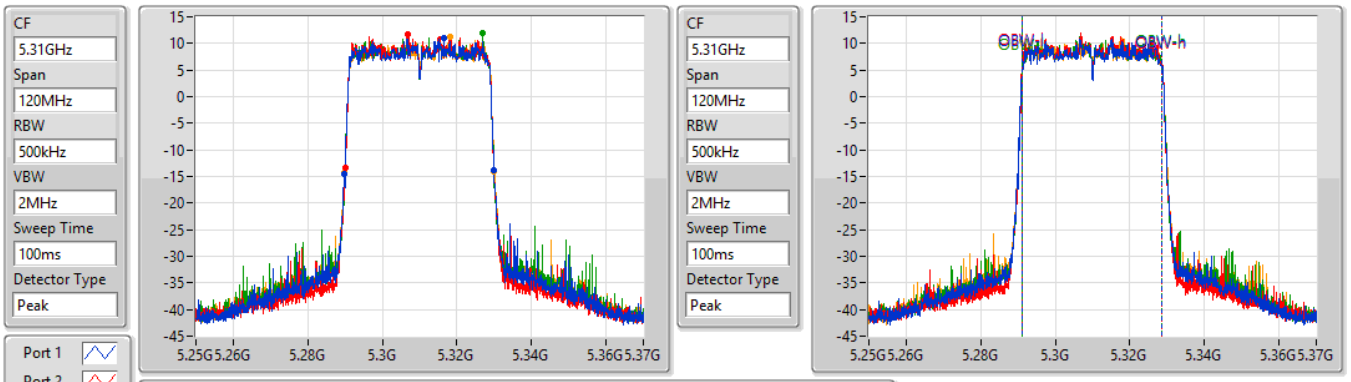


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.2499G	5.29004G	37.541M	5.251169G	5.288711G	Inf	1
39.78M	5.25008G	5.28986G	37.541M	5.251169G	5.288711G	Inf	2
39.96M	5.25002G	5.28998G	37.481M	5.251229G	5.288711G	Inf	3
40.2M	5.24984G	5.29004G	37.481M	5.251229G	5.288711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

15/04/2021

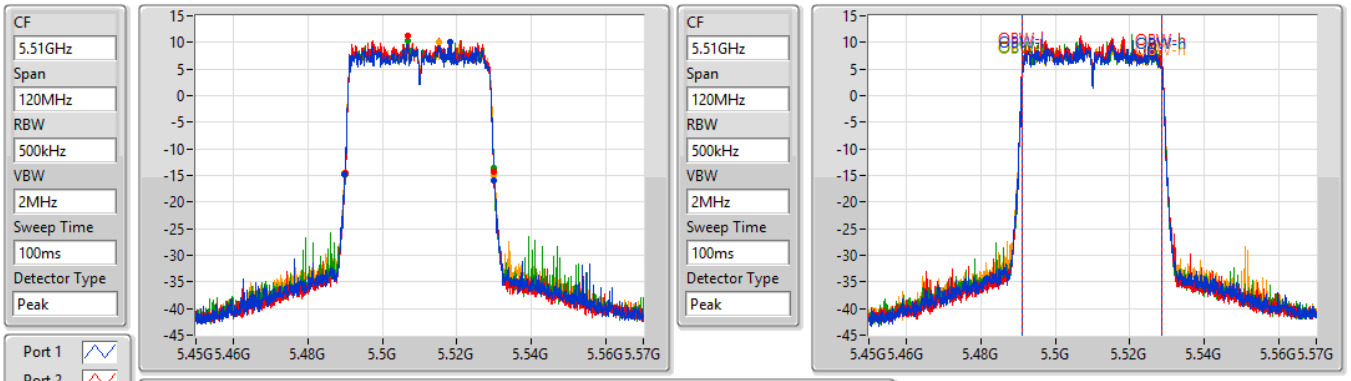


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.2899G	5.32998G	37.541M	5.291169G	5.328711G	Inf	1
39.84M	5.29008G	5.32992G	37.541M	5.291169G	5.328711G	Inf	2
39.9M	5.29008G	5.32998G	37.481M	5.291229G	5.328711G	Inf	3
40.2M	5.28984G	5.33004G	37.481M	5.291229G	5.328711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

15/04/2021

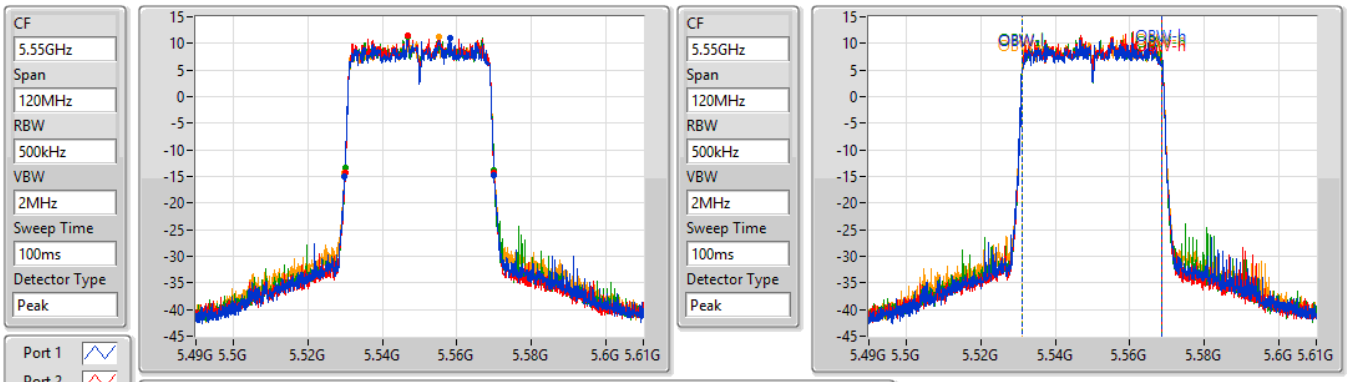


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.4899G	5.52992G	37.541M	5.491169G	5.528711G	Inf	1
39.84M	5.49002G	5.52986G	37.481M	5.491169G	5.528651G	Inf	2
39.9M	5.49002G	5.52992G	37.541M	5.491169G	5.528711G	Inf	3
40.14M	5.4899G	5.53004G	37.541M	5.491169G	5.528711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

15/04/2021

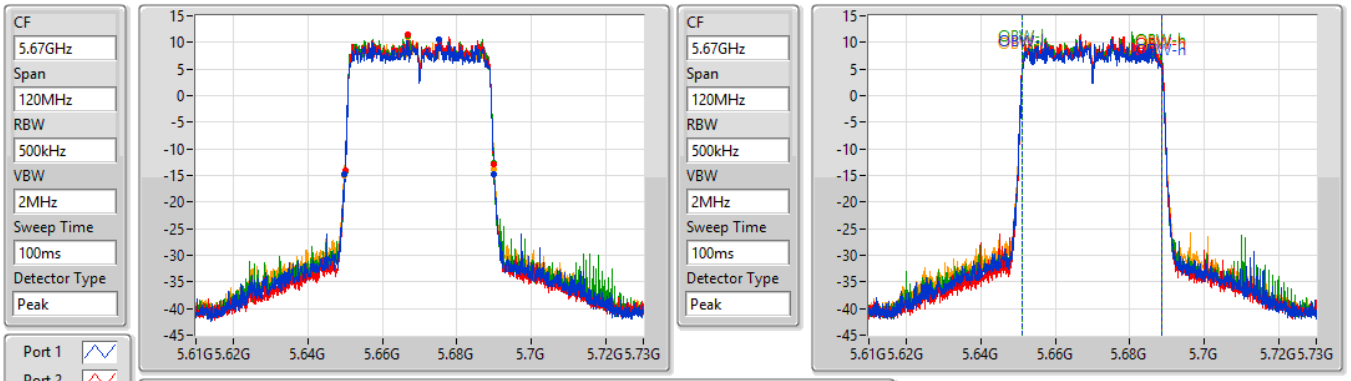


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.52984G	5.56998G	37.541M	5.531169G	5.568711G	Inf	1
39.9M	5.53002G	5.56992G	37.481M	5.531229G	5.568711G	Inf	2
39.9M	5.53008G	5.56998G	37.541M	5.531169G	5.568711G	Inf	3
40.2M	5.52984G	5.57004G	37.481M	5.531229G	5.568711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

15/04/2021

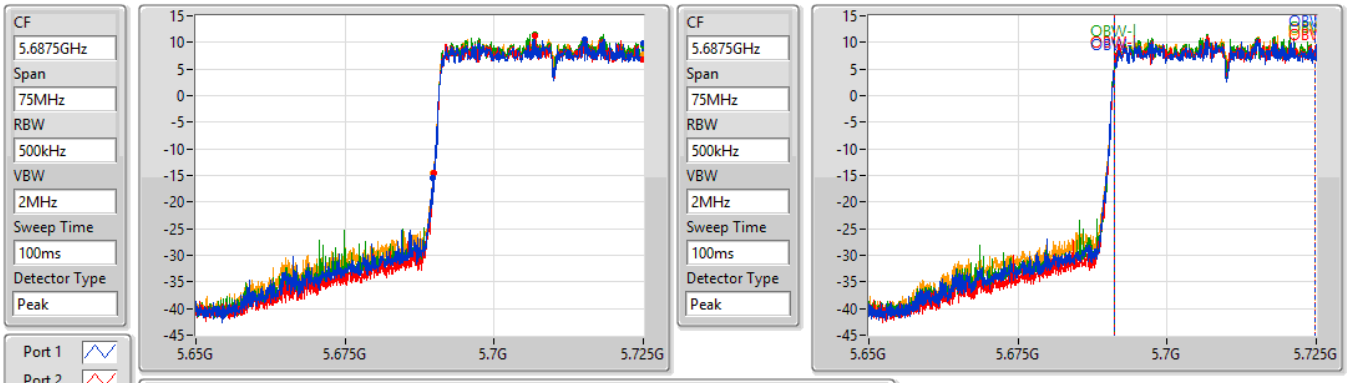


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.08M	5.64984G	5.68992G	37.541M	5.651169G	5.688711G	Inf	1
39.84M	5.65002G	5.68986G	37.541M	5.651169G	5.688711G	Inf	2
39.9M	5.65002G	5.68992G	37.541M	5.651169G	5.688711G	Inf	3
40.26M	5.64978G	5.69004G	37.541M	5.651169G	5.688711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

15/04/2021

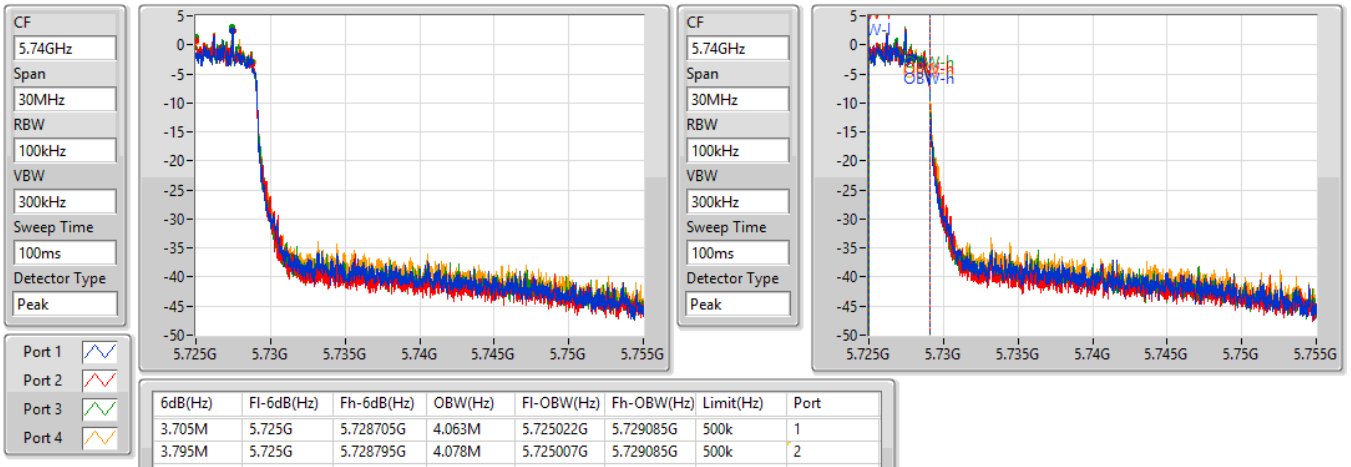


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.213M	5.689788G	5.725G	33.733M	5.691098G	5.724831G	Inf	1
35.1M	5.6899G	5.725G	33.658M	5.691136G	5.724794G	Inf	2
35.025M	5.689975G	5.725G	33.696M	5.691136G	5.724831G	Inf	3
35.213M	5.689788G	5.725G	33.696M	5.691136G	5.724831G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

15/04/2021

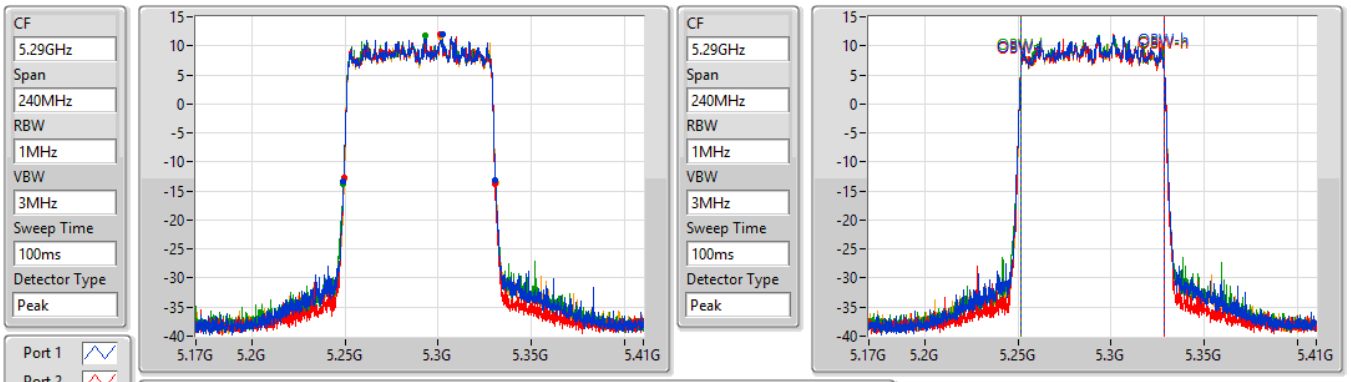


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.705M	5.725G	5.728705G	4.063M	5.725022G	5.729085G	500k	1
3.795M	5.725G	5.728795G	4.078M	5.725007G	5.729085G	500k	2
3.795M	5.725G	5.728795G	4.078M	5.725007G	5.729085G	500k	3
3.81M	5.725G	5.72881G	4.108M	5.725007G	5.729115G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

15/04/2021

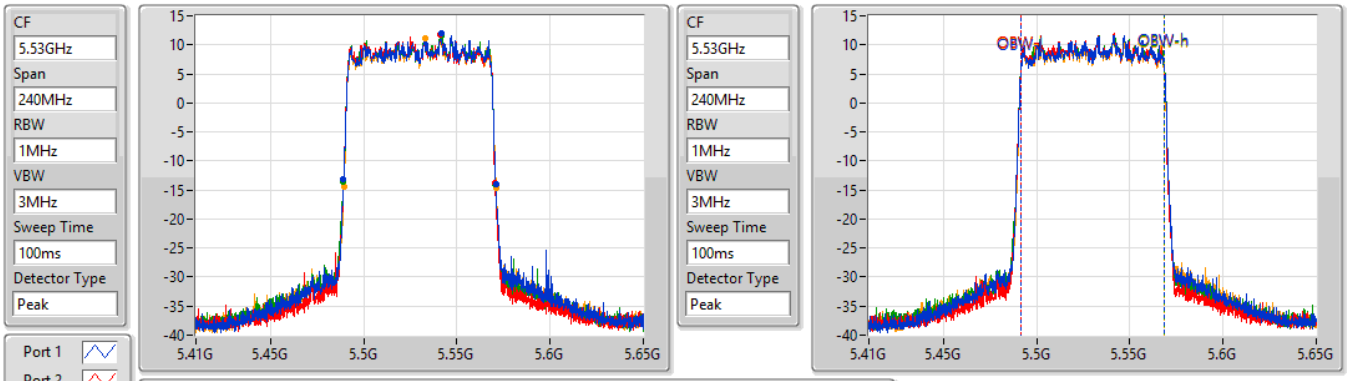


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.48M	5.2492G	5.33068G	76.762M	5.251619G	5.328381G	Inf	1
81.12M	5.24932G	5.33044G	76.762M	5.251619G	5.328381G	Inf	2
81.48M	5.24908G	5.33056G	76.762M	5.251619G	5.328381G	Inf	3
81.48M	5.24944G	5.33092G	76.762M	5.251619G	5.328381G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

15/04/2021

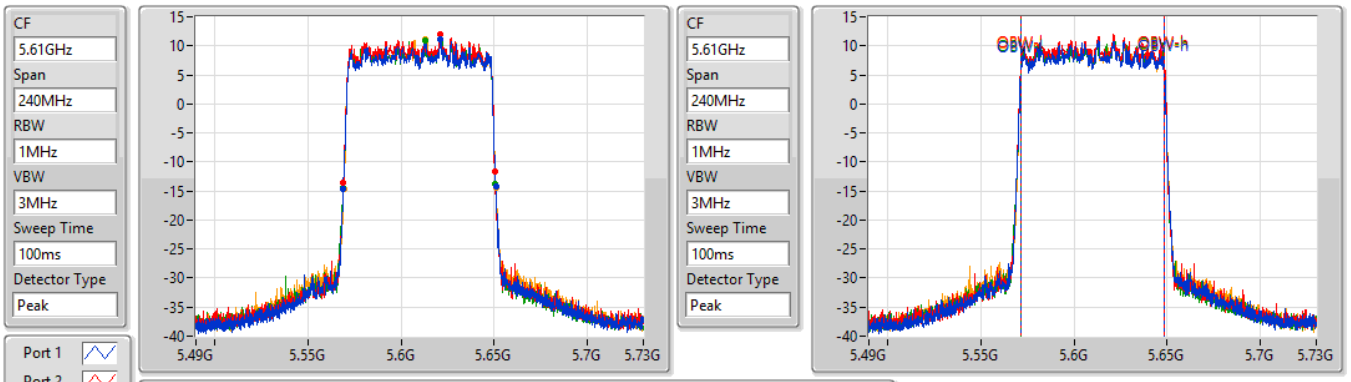


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.4892G	5.57092G	76.882M	5.491619G	5.568501G	Inf	1
81.24M	5.4892G	5.57044G	76.762M	5.491619G	5.568381G	Inf	2
81.48M	5.48908G	5.57056G	76.762M	5.491619G	5.568381G	Inf	3
81.6M	5.48932G	5.57092G	76.762M	5.491739G	5.568501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

15/04/2021

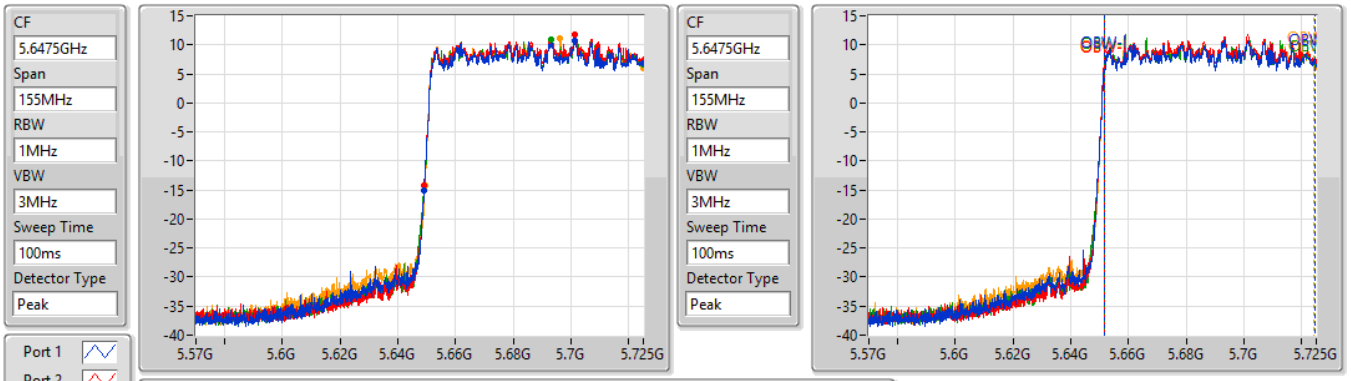


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.56908G	5.6508G	76.762M	5.571619G	5.648381G	Inf	1
81.36M	5.56908G	5.65044G	76.882M	5.571619G	5.648501G	Inf	2
81.6M	5.56896G	5.65056G	76.762M	5.571619G	5.648381G	Inf	3
81.72M	5.56932G	5.65104G	77.001M	5.571499G	5.648501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

15/04/2021

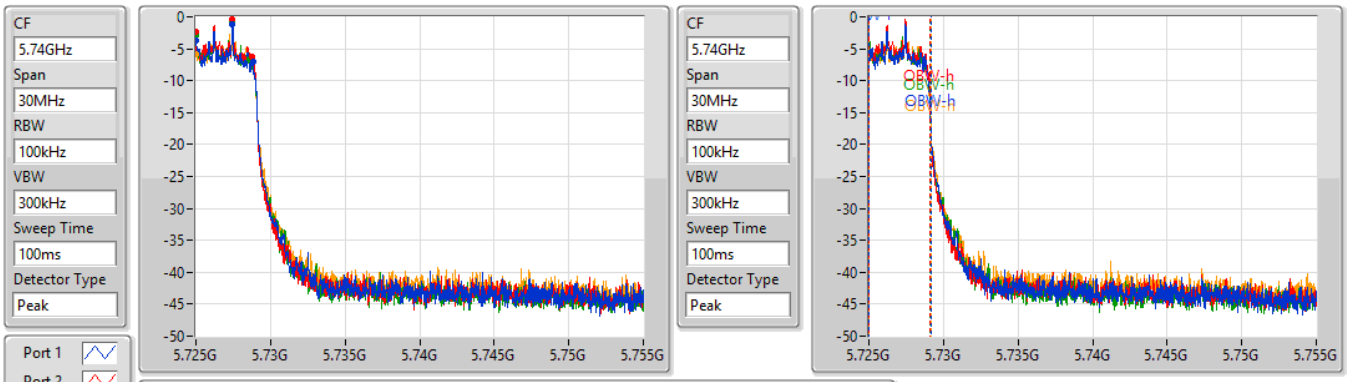


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.95M	5.64905G	5.725G	72.969M	5.651528G	5.724497G	Inf	1
75.795M	5.649205G	5.725G	72.891M	5.651528G	5.724419G	Inf	2
76.028M	5.648973G	5.725G	72.891M	5.651528G	5.724419G	Inf	3
75.64M	5.64936G	5.725G	72.814M	5.651528G	5.724342G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

15/04/2021

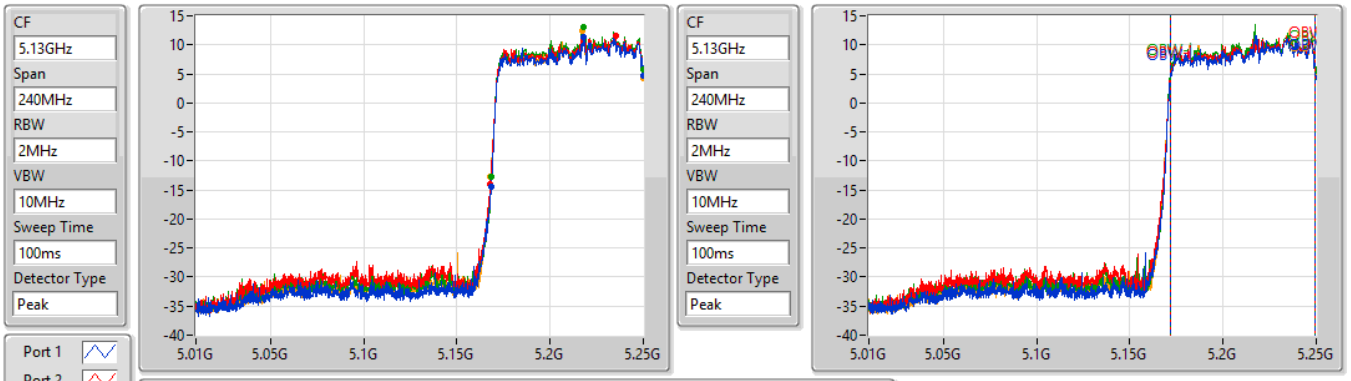


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.81M	5.725G	5.72881G	4.138M	5.725007G	5.729145G	500k	1
3.78M	5.725G	5.72878G	4.093M	5.725007G	5.7291G	500k	2
3.615M	5.725G	5.728615G	4.108M	5.725007G	5.729115G	500k	3
3.78M	5.725G	5.72878G	4.168M	5.725007G	5.729175G	500k	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

15/04/2021

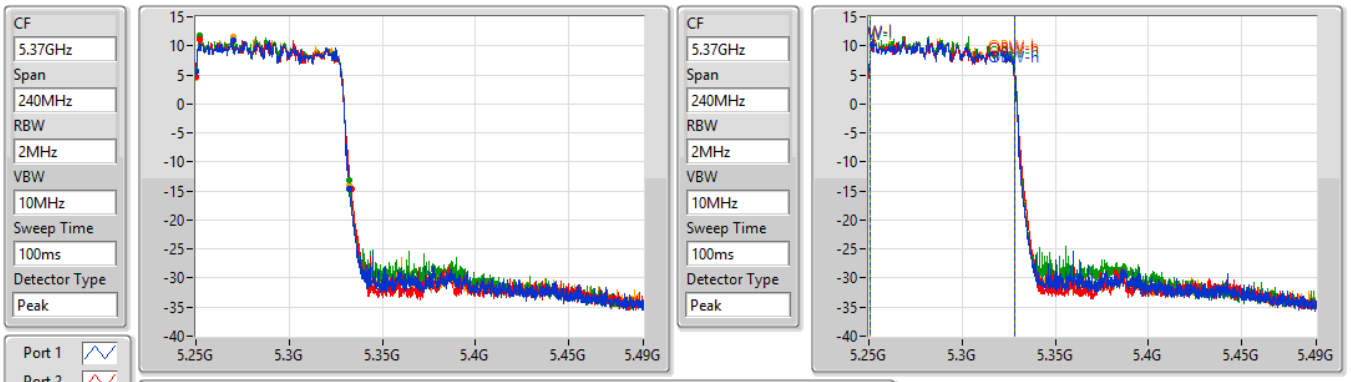


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.6M	5.1684G	5.25G	77.361M	5.171739G	5.2491G	Inf	1
82.2M	5.1678G	5.25G	77.481M	5.171619G	5.2491G	Inf	2
81.84M	5.16816G	5.25G	77.481M	5.171739G	5.24922G	Inf	3
81.96M	5.16804G	5.25G	77.481M	5.171739G	5.24922G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.25-5.35GHz

15/04/2021

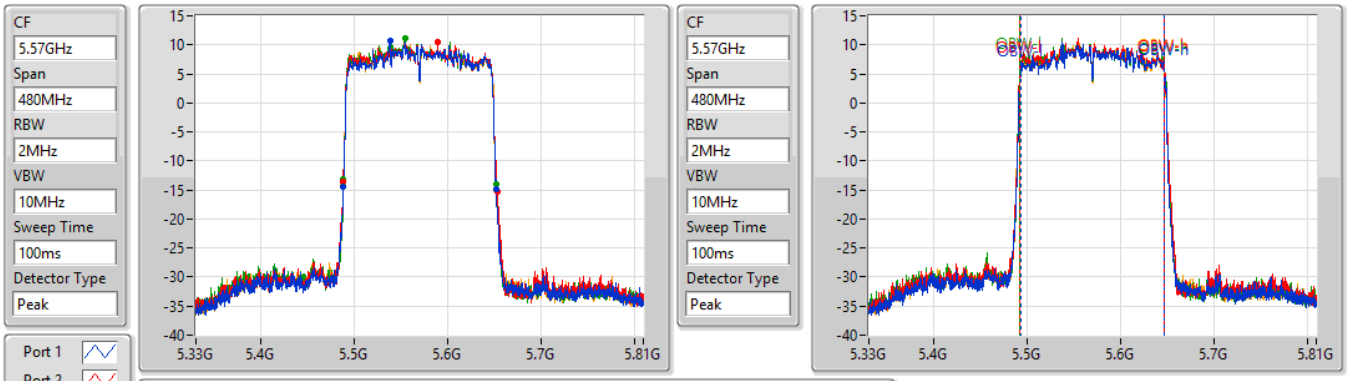


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.25G	5.33208G	77.601M	5.25066G	5.328261G	Inf	1
83.28M	5.25G	5.33328G	77.601M	5.25078G	5.328381G	Inf	2
82.44M	5.25G	5.33244G	77.601M	5.25066G	5.328261G	Inf	3
82.32M	5.25G	5.33232G	77.481M	5.25078G	5.328261G	Inf	4

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

5570MHz

15/04/2021



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
163.44M	5.4884G	5.65184G	154.963M	5.492519G	5.647481G	Inf	1
165.12M	5.48816G	5.65328G	154.963M	5.492279G	5.647241G	Inf	2
163.92M	5.4884G	5.65232G	155.202M	5.492279G	5.647481G	Inf	3
164.4M	5.48792G	5.65232G	154.723M	5.492519G	5.647241G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	19.23	0.08375
802.11ax HEW160_Nss1,(MCS0)_4TX	19.60	0.09120
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.76	0.23768
802.11ac VHT20_Nss1,(MCS0)_4TX	23.68	0.23335
802.11ac VHT40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80_Nss1,(MCS0)_4TX	22.82	0.19143
802.11ac VHT160_Nss1,(MCS0)_4TX	19.48	0.08872
802.11ax HEW20_Nss1,(MCS0)_4TX	23.84	0.24210
802.11ax HEW40_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ax HEW80_Nss1,(MCS0)_4TX	23.33	0.21528
802.11ax HEW160_Nss1,(MCS0)_4TX	19.99	0.09977
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.88	0.24434
802.11ac VHT20_Nss1,(MCS0)_4TX	23.55	0.22646
802.11ac VHT40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80_Nss1,(MCS0)_4TX	23.88	0.24434
802.11ac VHT160_Nss1,(MCS0)_4TX	21.97	0.15740
802.11ax HEW20_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW40_Nss1,(MCS0)_4TX	23.97	0.24946
802.11ax HEW80_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160_Nss1,(MCS0)_4TX	22.22	0.16672
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	16.82	0.04808
802.11ac VHT20_Nss1,(MCS0)_4TX	16.95	0.04955
802.11ac VHT40_Nss1,(MCS0)_4TX	13.46	0.02218
802.11ac VHT80_Nss1,(MCS0)_4TX	9.28	0.00847
802.11ax HEW20_Nss1,(MCS0)_4TX	17.61	0.05768
802.11ax HEW40_Nss1,(MCS0)_4TX	14.08	0.02559
802.11ax HEW80_Nss1,(MCS0)_4TX	10.23	0.01054

Result

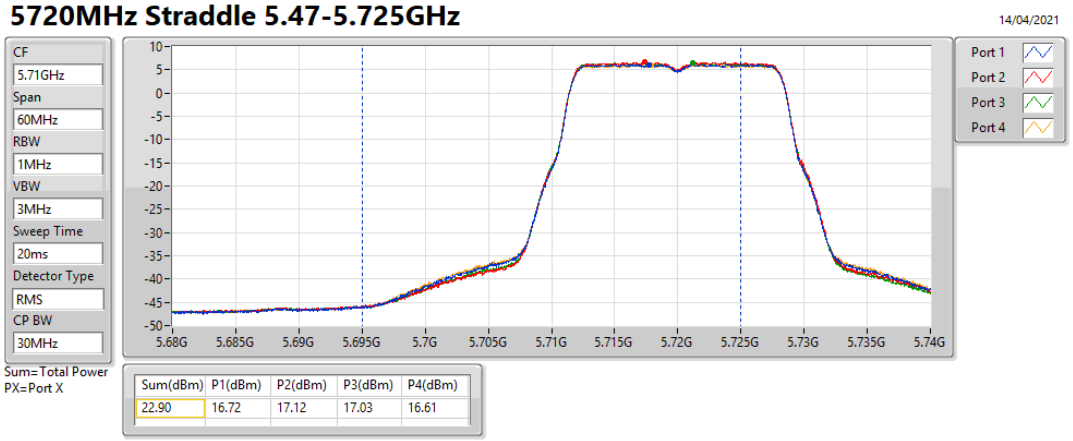
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.38	17.36	17.85	18.03	17.71	23.76	23.98
5300MHz	Pass	3.38	17.32	17.76	17.65	17.66	23.62	23.98
5320MHz	Pass	3.38	17.22	17.35	17.60	17.47	23.43	23.98
5500MHz	Pass	4.77	17.63	18.36	17.85	17.54	23.88	23.98
5580MHz	Pass	4.77	17.29	18.04	17.58	17.67	23.67	23.98
5700MHz	Pass	4.77	17.51	18.00	17.59	17.38	23.65	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	16.72	17.12	17.03	16.61	22.90	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	4.24	10.70	11.09	10.75	10.66	16.82	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.38	17.33	17.72	17.93	17.61	23.67	23.98
5300MHz	Pass	3.38	17.37	17.76	17.85	17.64	23.68	23.98
5320MHz	Pass	3.38	17.35	17.55	17.69	17.58	23.56	23.98
5500MHz	Pass	4.77	17.17	17.91	17.62	17.38	23.55	23.98
5580MHz	Pass	4.77	17.15	17.67	17.56	17.08	23.39	23.98
5700MHz	Pass	4.77	17.39	17.82	17.52	17.23	23.52	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	16.47	16.69	16.84	16.35	22.61	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	4.24	10.82	11.15	11.06	10.65	16.95	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.38	17.76	18.08	17.99	17.93	23.96	23.98
5310MHz	Pass	3.38	17.09	17.19	17.42	17.31	23.27	23.98
5510MHz	Pass	4.77	17.34	17.67	17.45	17.54	23.52	23.98
5550MHz	Pass	4.77	17.41	17.89	17.38	17.49	23.57	23.98
5670MHz	Pass	4.77	16.85	17.57	17.78	17.52	23.46	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.77	17.56	17.81	18.27	18.10	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.24	7.06	7.46	7.69	7.51	13.46	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.38	16.71	16.74	16.89	16.86	22.82	23.98
5530MHz	Pass	4.77	18.01	17.99	17.82	17.60	23.88	23.98
5610MHz	Pass	4.77	17.15	18.02	17.37	17.46	23.53	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.77	17.14	17.97	17.57	17.52	23.58	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.24	2.88	3.81	3.19	3.11	9.28	30.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.97	12.93	13.32	13.46	13.11	19.23	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.38	13.55	13.28	13.72	13.26	19.48	23.98
5570MHz	Pass	4.77	15.69	16.32	16.11	15.65	21.97	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.38	17.52	17.98	17.93	17.73	23.81	23.98
5300MHz	Pass	3.38	17.45	17.93	17.77	17.71	23.74	23.98
5320MHz	Pass	3.38	17.61	17.82	17.90	17.93	23.84	23.98
5500MHz	Pass	4.77	17.69	18.32	18.00	17.68	23.95	23.98
5580MHz	Pass	4.77	17.54	18.35	18.01	17.71	23.93	23.98
5700MHz	Pass	4.77	17.91	18.17	18.02	17.61	23.95	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	16.62	17.04	16.94	16.56	22.82	22.94

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	4.24	11.49	11.90	11.63	11.30	17.61	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.38	17.45	18.13	18.15	17.82	23.92	23.98
5310MHz	Pass	3.38	17.30	17.69	17.48	17.31	23.47	23.98
5510MHz	Pass	4.77	17.64	17.97	17.58	17.74	23.76	23.98
5550MHz	Pass	4.77	17.66	18.11	17.76	17.75	23.84	23.98
5670MHz	Pass	4.77	17.58	18.07	18.04	18.07	23.97	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.77	17.47	17.72	18.14	17.89	23.83	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.24	7.60	8.16	8.25	8.18	14.08	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.38	17.21	17.21	17.47	17.34	23.33	23.98
5530MHz	Pass	4.77	17.72	17.90	18.01	17.48	23.80	23.98
5610MHz	Pass	4.77	17.51	18.45	17.85	17.85	23.95	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.77	17.39	18.30	17.69	17.84	23.84	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.24	3.81	4.70	4.09	4.18	10.23	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.97	13.13	13.67	13.99	13.49	19.60	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.38	13.71	13.92	14.13	14.10	19.99	23.98
5570MHz	Pass	4.77	15.80	16.61	16.42	15.91	22.22	23.98

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

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

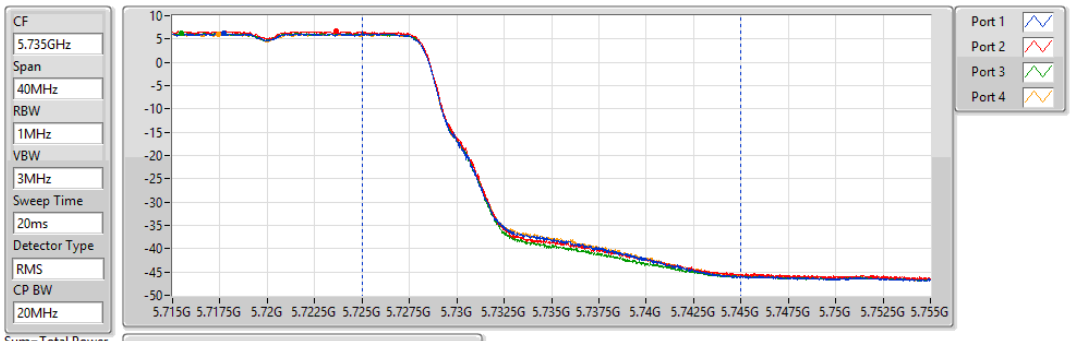
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.90	16.72	17.12	17.03	16.61

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

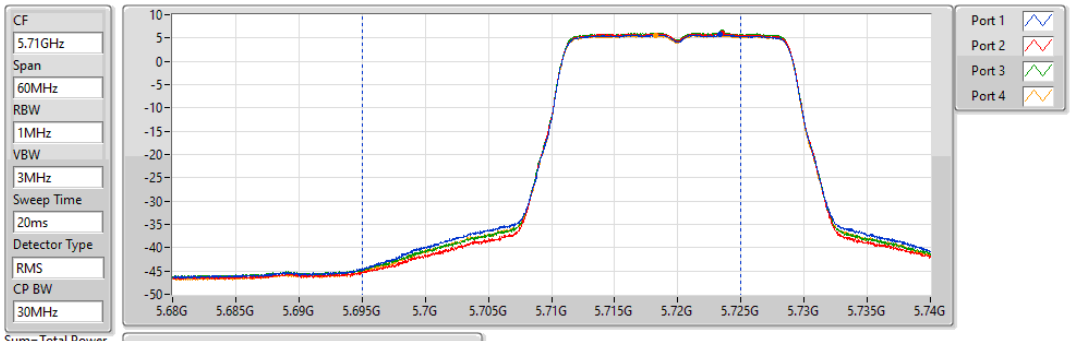
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.82	10.70	11.09	10.75	10.66

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

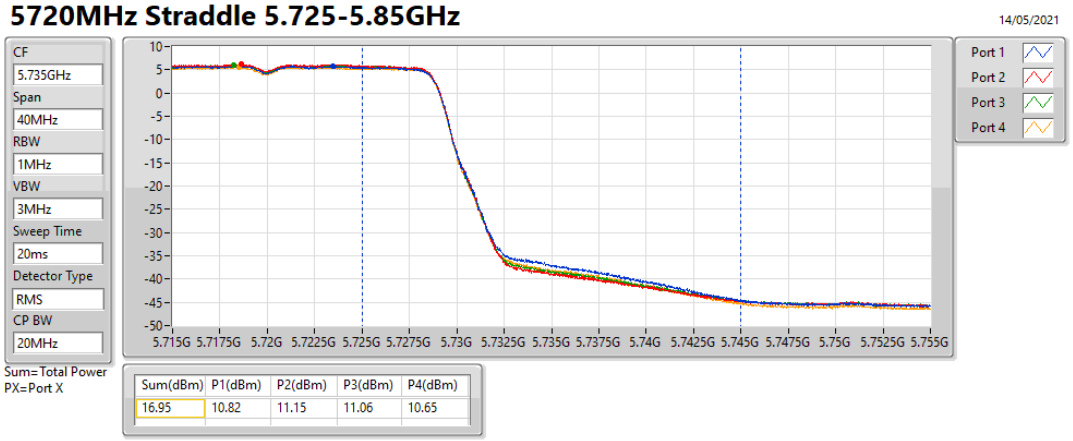
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.61	16.47	16.69	16.84	16.35

802.11ac VHT20_Nss1,(MCS0)_4TX AV Power

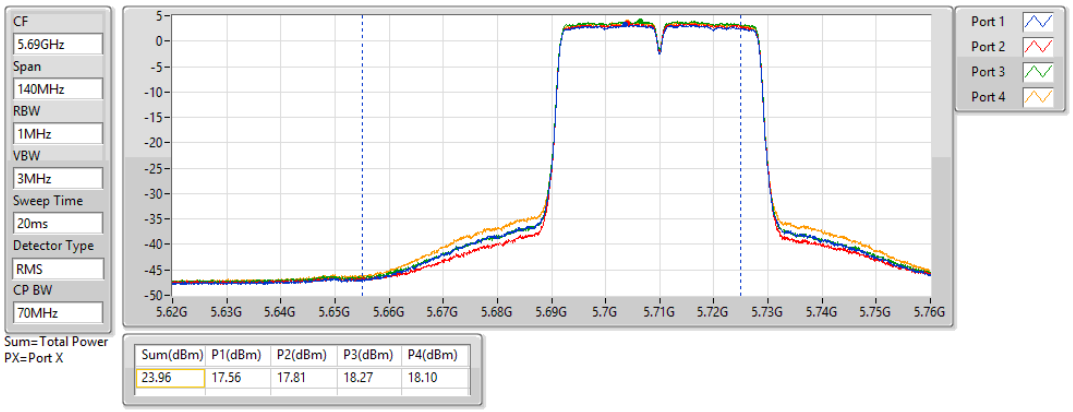
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.95	10.82	11.15	11.06	10.65

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

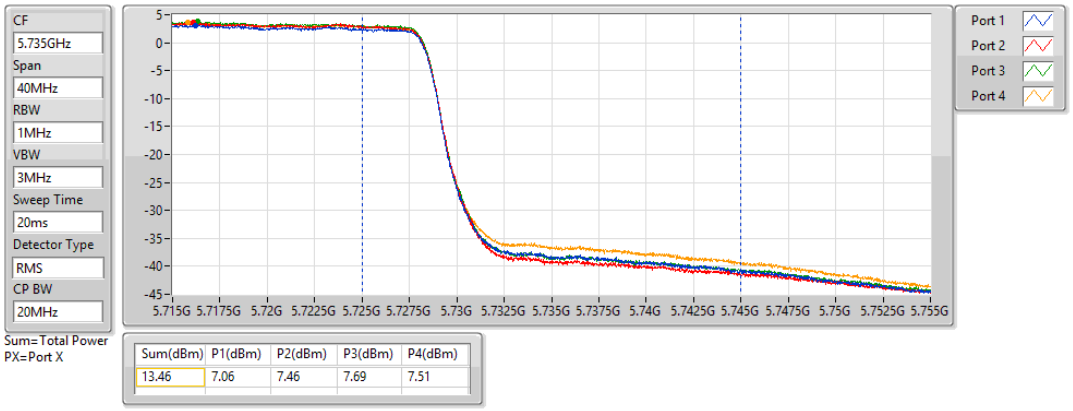
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.96	17.56	17.81	18.27	18.10

802.11ac VHT40_Nss1,(MCS0)_4TX AV Power

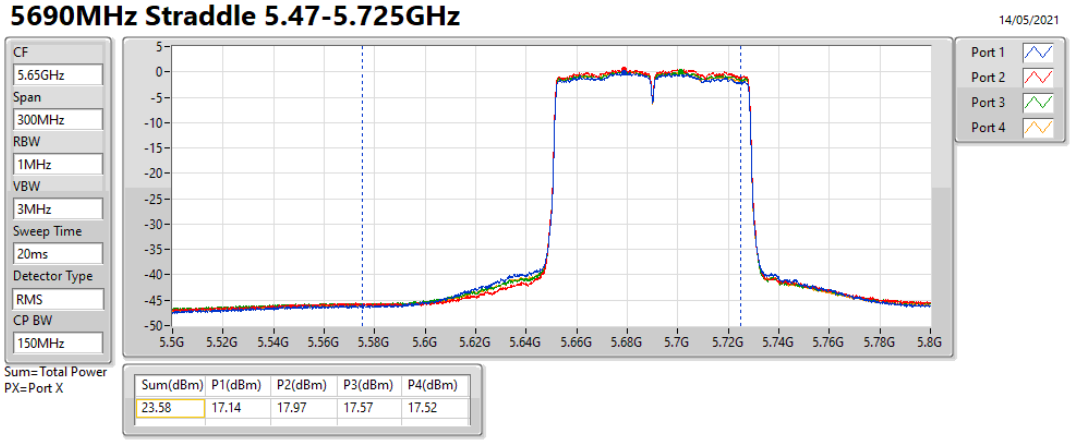
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.46	7.06	7.46	7.69	7.51

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

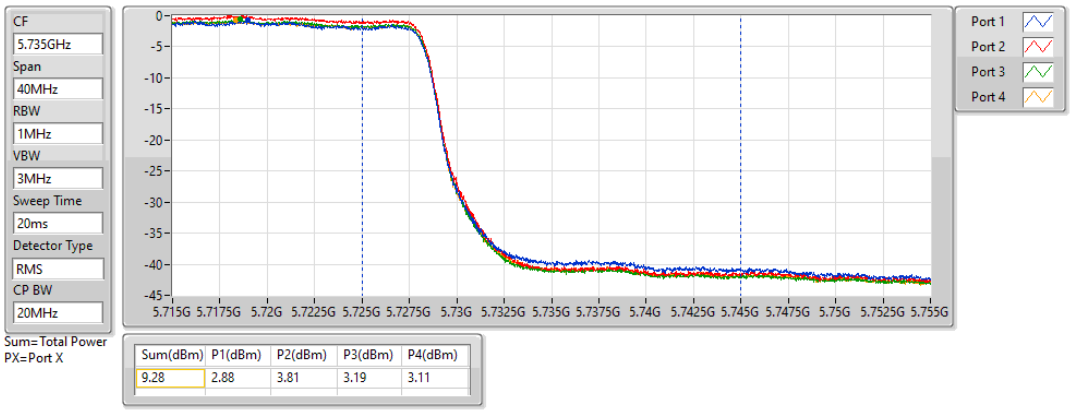
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.58	17.14	17.97	17.57	17.52

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

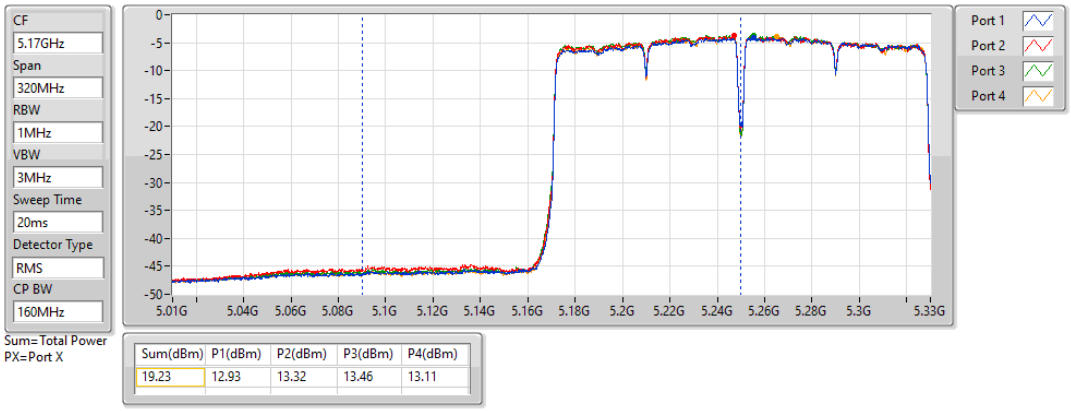
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.28	2.88	3.81	3.19	3.11

802.11ac VHT160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.23	12.93	13.32	13.46	13.11

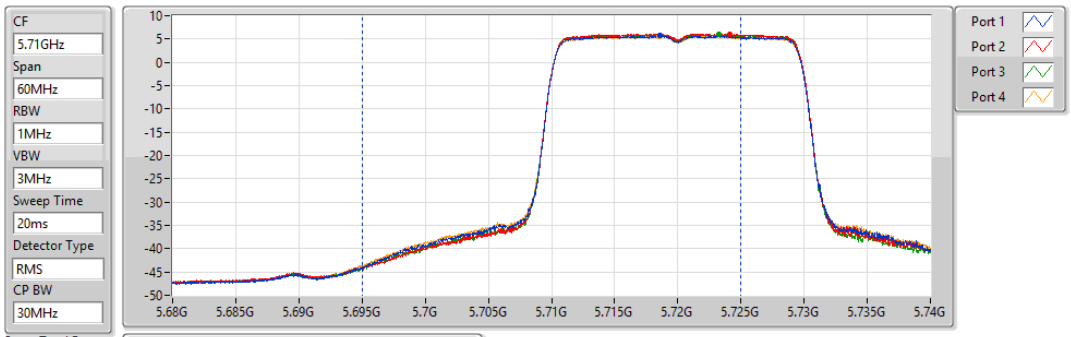
802.11ac VHT160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.48	13.55	13.28	13.72	13.26

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

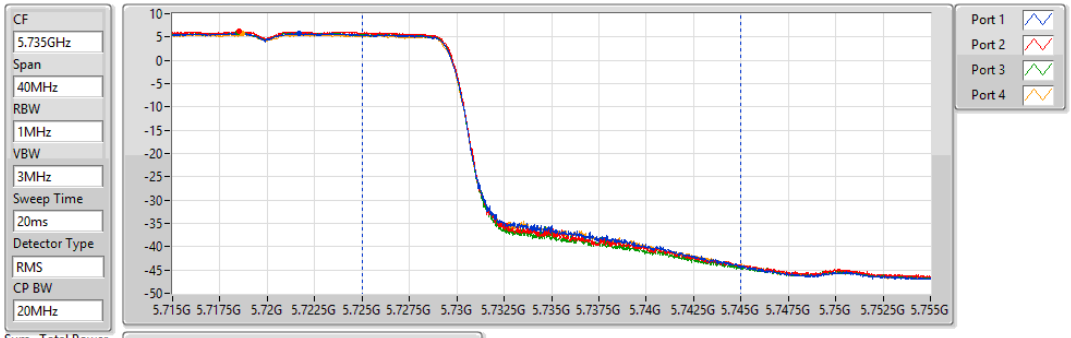
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.82	16.62	17.04	16.94	16.56

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

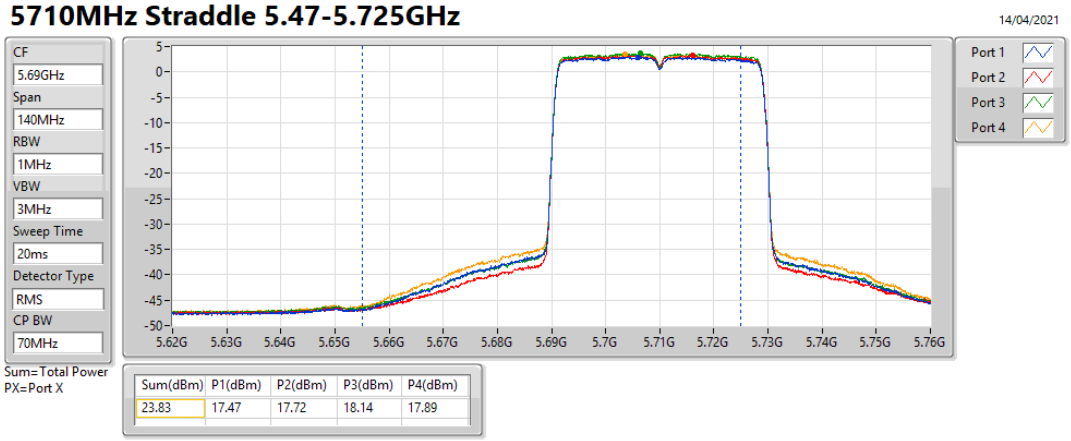
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.61	11.49	11.90	11.63	11.30

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

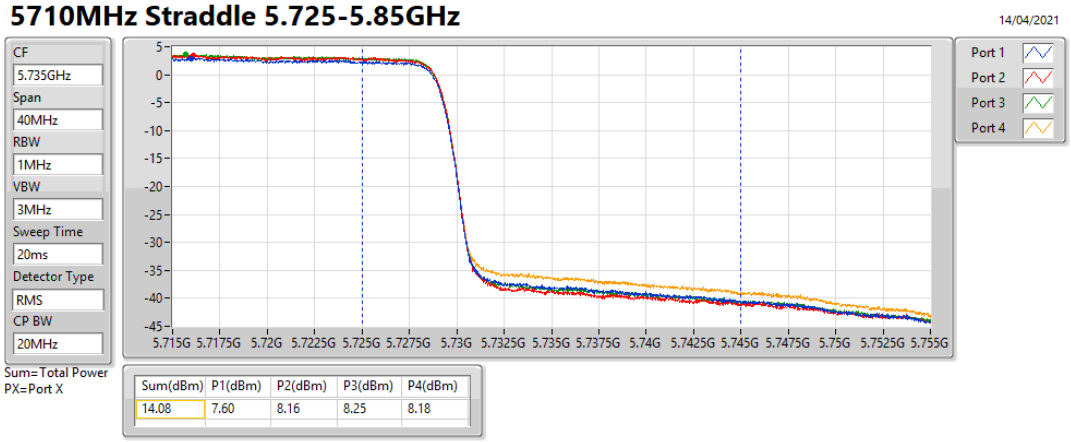
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.83	17.47	17.72	18.14	17.89

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

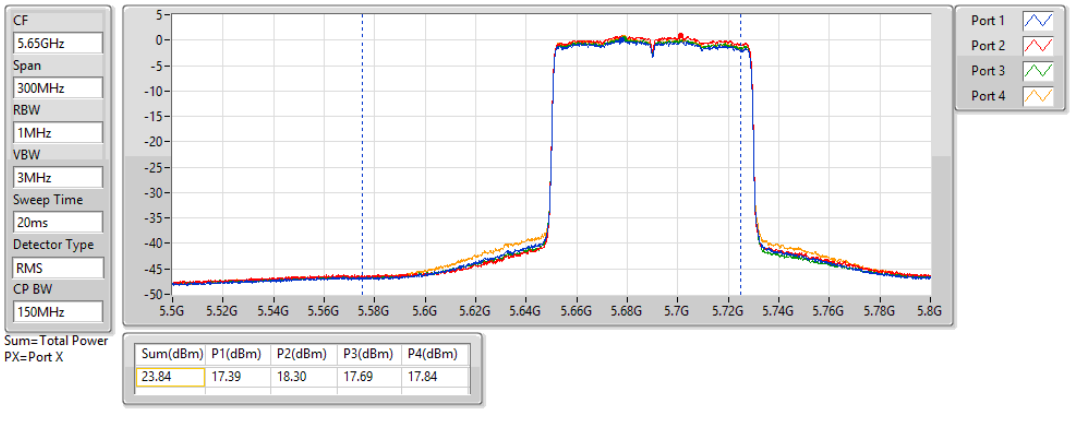
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.08	7.60	8.16	8.25	8.18

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

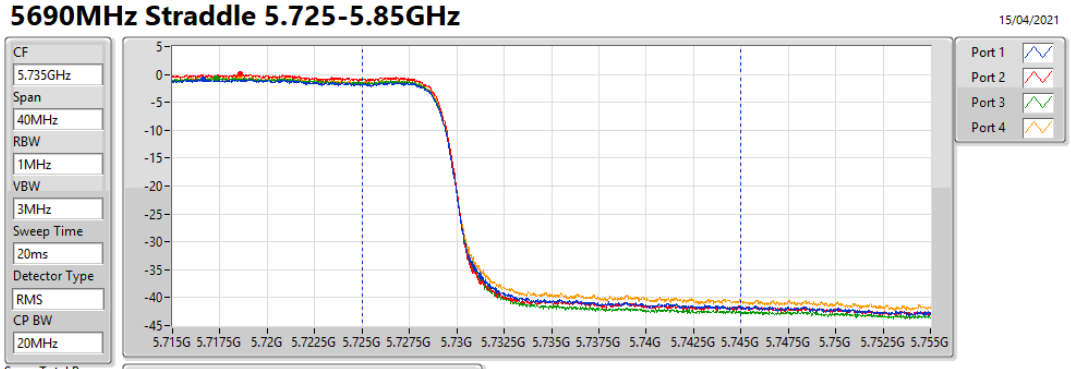
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.84	17.39	18.30	17.69	17.84

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

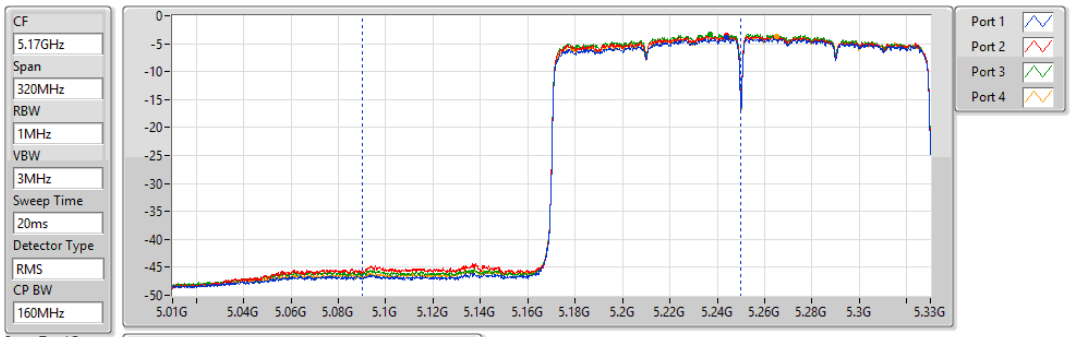
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.23	3.81	4.70	4.09	4.18

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

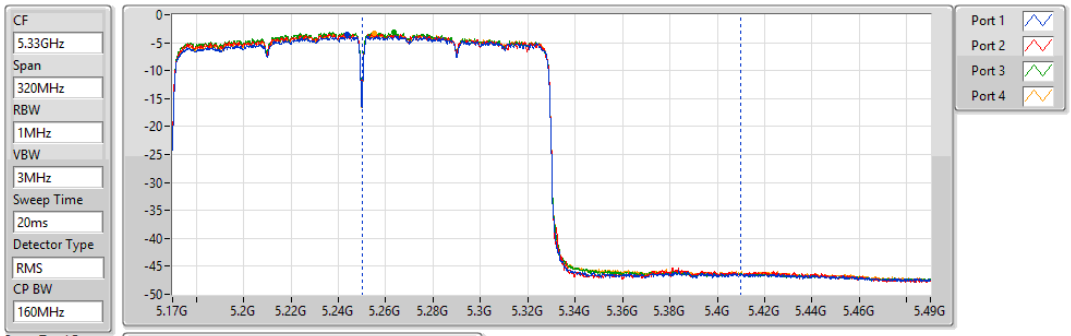
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.60	13.13	13.67	13.99	13.49

802.11ax HEW160_Nss1,(MCS0)_4TX AV Power

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.99	13.71	13.92	14.13	14.10

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	19.55	0.09016
802.11ax HEW160_Nss4,(MCS0)_4TX	19.94	0.09863
5.25-5.35GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	23.66	0.23227
802.11ac VHT40_Nss4,(MCS0)_4TX	23.70	0.23442
802.11ac VHT80_Nss4,(MCS0)_4TX	23.58	0.22803
802.11ac VHT160_Nss4,(MCS0)_4TX	18.91	0.07780
802.11ax HEW20_Nss4,(MCS0)_4TX	23.97	0.24946
802.11ax HEW40_Nss4,(MCS0)_4TX	23.95	0.24831
802.11ax HEW80_Nss4,(MCS0)_4TX	23.87	0.24378
802.11ax HEW160_Nss4,(MCS0)_4TX	20.36	0.10864
5.47-5.725GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	23.73	0.23605
802.11ac VHT40_Nss4,(MCS0)_4TX	23.67	0.23281
802.11ac VHT80_Nss4,(MCS0)_4TX	23.56	0.22699
802.11ac VHT160_Nss4,(MCS0)_4TX	18.37	0.06871
802.11ax HEW20_Nss4,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40_Nss4,(MCS0)_4TX	23.93	0.24717
802.11ax HEW80_Nss4,(MCS0)_4TX	23.88	0.24434
802.11ax HEW160_Nss4,(MCS0)_4TX	18.55	0.07161
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	16.80	0.04786
802.11ac VHT40_Nss4,(MCS0)_4TX	13.10	0.02042
802.11ac VHT80_Nss4,(MCS0)_4TX	9.28	0.00847
802.11ax HEW20_Nss4,(MCS0)_4TX	17.59	0.05741
802.11ax HEW40_Nss4,(MCS0)_4TX	14.03	0.02529
802.11ax HEW80_Nss4,(MCS0)_4TX	10.27	0.01064

Result

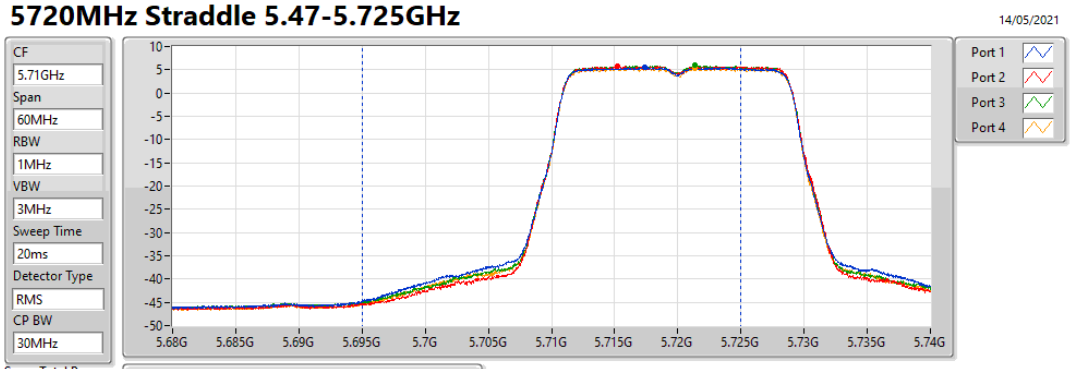
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.38	17.24	17.81	17.86	17.62	23.66	23.98
5300MHz	Pass	3.38	17.18	17.70	17.84	17.57	23.60	23.98
5320MHz	Pass	3.38	17.24	17.67	17.85	17.72	23.65	23.98
5500MHz	Pass	4.77	17.12	17.86	17.69	17.43	23.55	23.98
5580MHz	Pass	4.77	17.06	17.83	18.42	17.36	23.72	23.98
5700MHz	Pass	4.77	17.46	18.03	17.84	17.47	23.73	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	16.20	16.39	16.53	16.03	22.31	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	4.24	10.56	11.02	10.92	10.58	16.80	30.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.38	17.41	17.68	17.64	17.59	23.60	23.98
5310MHz	Pass	3.38	17.57	17.72	17.68	17.73	23.70	23.98
5510MHz	Pass	4.77	17.42	17.92	17.61	17.63	23.67	23.98
5550MHz	Pass	4.77	17.14	17.63	17.56	17.65	23.52	23.98
5670MHz	Pass	4.77	17.08	17.56	17.72	17.58	23.51	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.77	17.02	17.41	17.57	17.44	23.39	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.24	6.77	7.20	7.37	6.95	13.10	30.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.38	17.50	17.40	17.63	17.72	23.58	23.98
5530MHz	Pass	4.77	17.35	17.82	17.64	17.33	23.56	23.98
5610MHz	Pass	4.77	17.02	17.96	17.45	17.42	23.50	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.77	16.93	17.97	17.30	17.55	23.47	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.24	2.62	3.91	3.28	3.11	9.28	30.00
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.97	13.20	13.56	13.80	13.53	19.55	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.38	12.67	12.86	12.99	13.02	18.91	23.98
5570MHz	Pass	4.77	12.01	12.69	12.58	12.06	18.37	23.98
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.38	17.43	17.96	18.18	17.80	23.87	23.98
5300MHz	Pass	3.38	17.50	18.03	18.14	17.93	23.93	23.98
5320MHz	Pass	3.38	17.50	18.00	18.27	17.98	23.97	23.98
5500MHz	Pass	4.77	17.45	18.21	17.80	17.56	23.79	23.98
5580MHz	Pass	4.77	17.28	18.41	18.15	17.82	23.96	23.98
5700MHz	Pass	4.77	17.45	18.32	18.17	17.62	23.93	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	16.44	17.11	16.96	16.51	22.79	22.91
5720MHz Straddle 5.725-5.85GHz	Pass	4.24	11.15	11.97	11.69	11.41	17.59	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.38	17.52	18.12	18.08	17.97	23.95	23.98
5310MHz	Pass	3.38	17.45	18.06	18.11	18.02	23.94	23.98
5510MHz	Pass	4.77	17.51	18.22	18.01	17.87	23.93	23.98
5550MHz	Pass	4.77	17.44	18.16	17.83	17.99	23.88	23.98
5670MHz	Pass	4.77	17.24	17.93	18.00	17.83	23.78	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.77	17.25	17.89	18.12	18.00	23.85	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.24	7.47	8.17	8.24	8.10	14.03	30.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.38	17.78	17.65	18.09	17.85	23.87	23.98
5530MHz	Pass	4.77	17.63	18.10	17.92	17.69	23.86	23.98
5610MHz	Pass	4.77	17.29	18.41	17.70	17.83	23.85	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.77	17.44	18.31	17.84	17.80	23.88	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.24	3.66	4.83	4.31	4.11	10.27	30.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	2.97	13.40	13.95	14.44	13.82	19.94	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.38	14.13	14.28	14.48	14.44	20.36	23.98
5570MHz	Pass	4.77	12.29	12.82	12.80	12.15	18.55	23.98

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

802.11ac VHT20_Nss4,(MCS0)_4TX AV Power

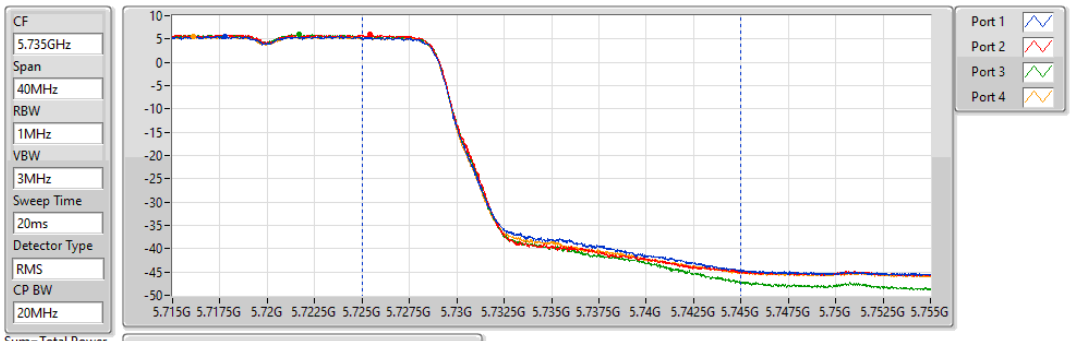
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.31	16.20	16.39	16.53	16.03

802.11ac VHT20_Nss4,(MCS0)_4TX AV Power

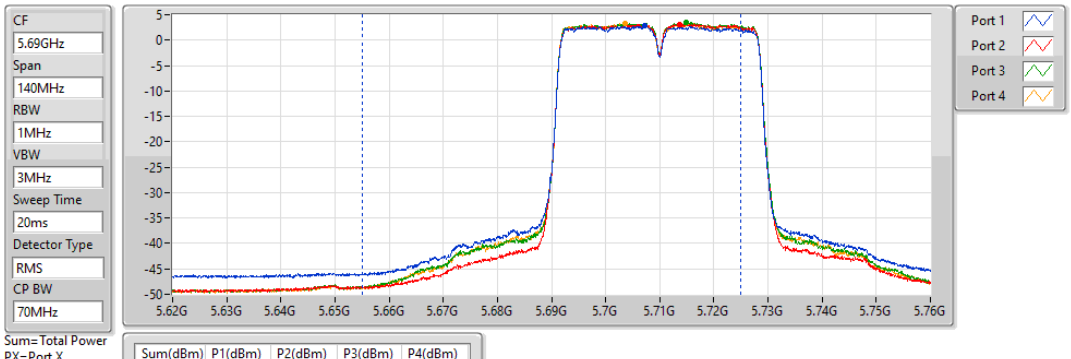
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.80	10.56	11.02	10.92	10.58

802.11ac VHT40_Nss4,(MCS0)_4TX AV Power

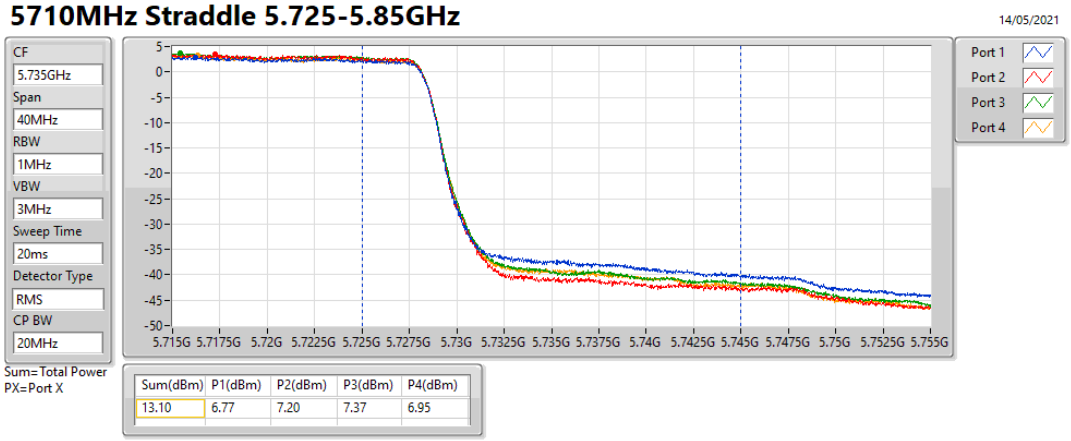
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.39	17.02	17.41	17.57	17.44

802.11ac VHT40_Nss4,(MCS0)_4TX AV Power

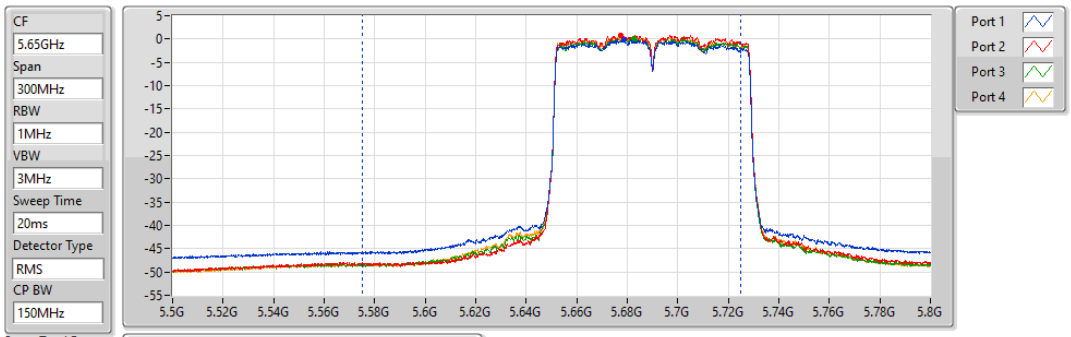
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.10	6.77	7.20	7.37	6.95

802.11ac VHT80_Nss4,(MCS0)_4TX AV Power

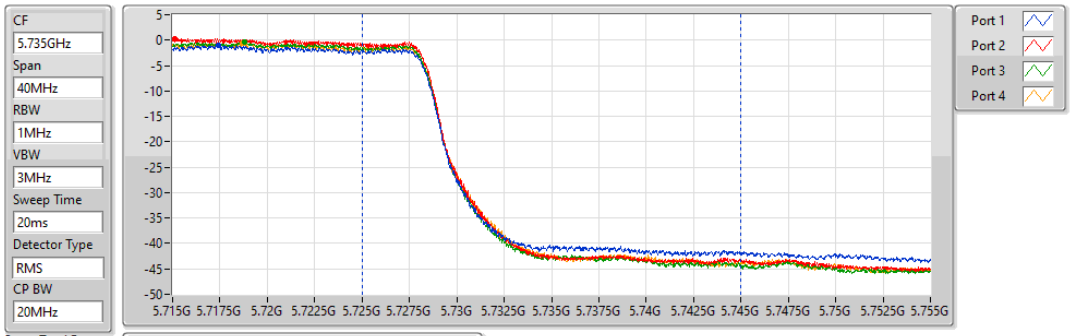
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.47	16.93	17.97	17.30	17.55

802.11ac VHT80_Nss4,(MCS0)_4TX AV Power

5690MHz Straddle 5.725-5.85GHz

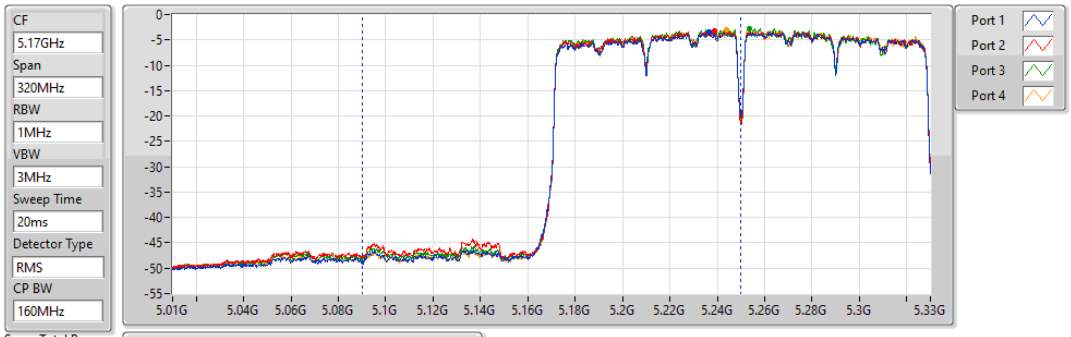


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.28	2.62	3.91	3.28	3.11

802.11ac VHT160_Nss4,(MCS0)_4TX — AV Power

5250MHz Straddle 5.15-5.25GHz

14/05/2021

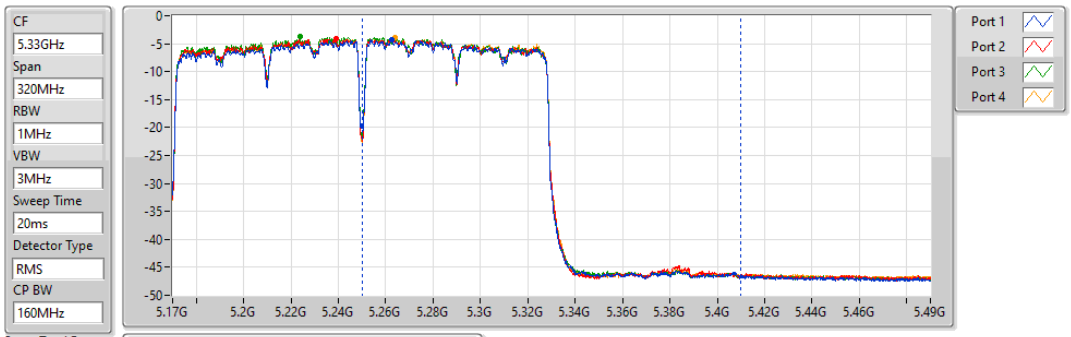


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.55	13.20	13.56	13.80	13.53

802.11ac VHT160_Nss4,(MCS0)_4TX — AV Power

5250MHz Straddle 5.25-5.35GHz

14/05/2021

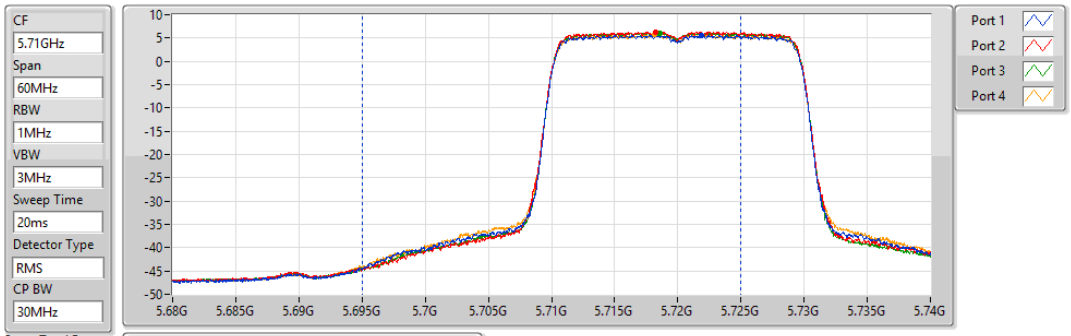


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.91	12.67	12.86	12.99	13.02

802.11ax HEW20_Nss4,(MCS0)_4TX — AV Power

5720MHz Straddle 5.47-5.725GHz

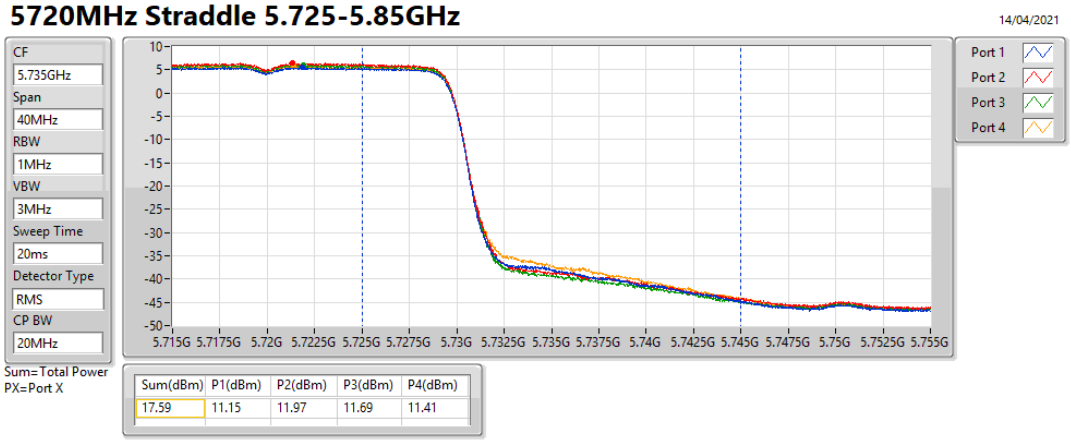
14/04/2021



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.79	16.44	17.11	16.96	16.51

802.11ax HEW20_Nss4,(MCS0)_4TX AV Power

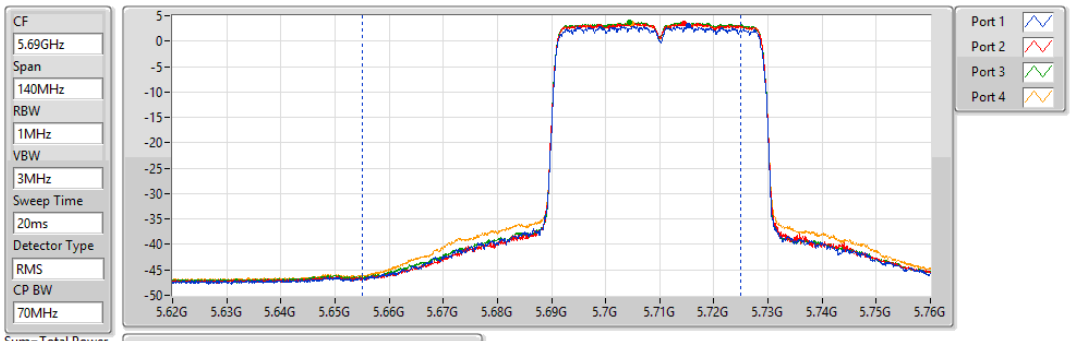
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.59	11.15	11.97	11.69	11.41

802.11ax HEW40_Nss4,(MCS0)_4TX AV Power

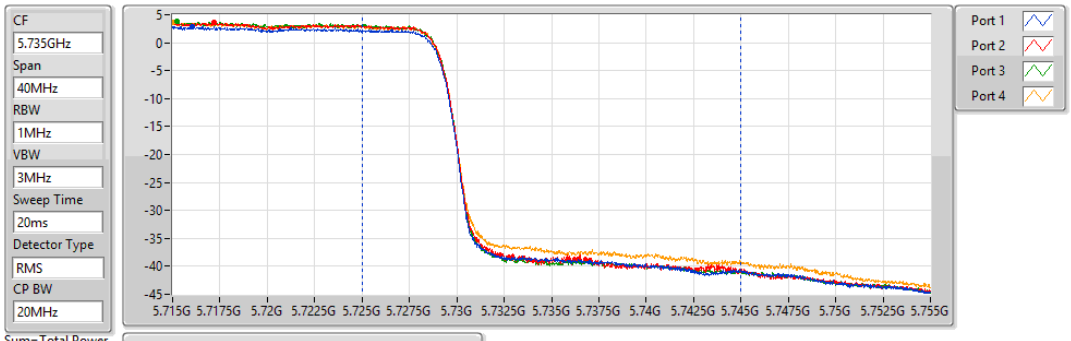
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.85	17.25	17.89	18.12	18.00

802.11ax HEW40_Nss4,(MCS0)_4TX AV Power

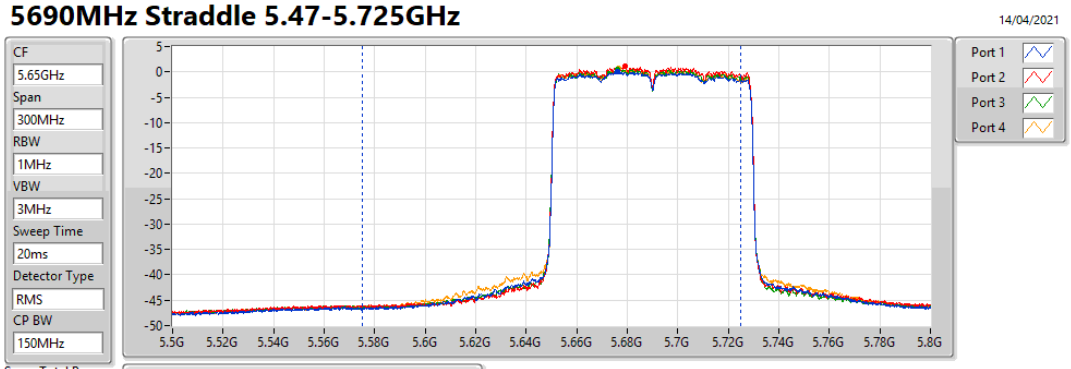
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.03	7.47	8.17	8.24	8.10

802.11ax HEW80_Nss4,(MCS0)_4TX **AV Power**

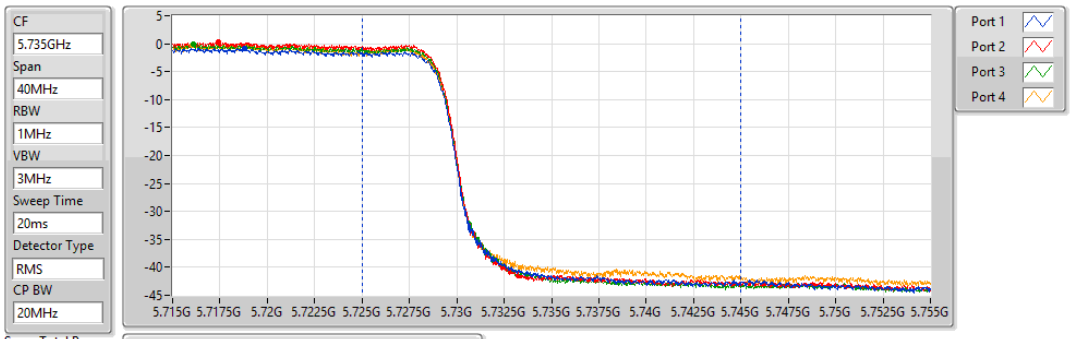
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.88	17.44	18.31	17.84	17.80

802.11ax HEW80_Nss4,(MCS0)_4TX **AV Power**

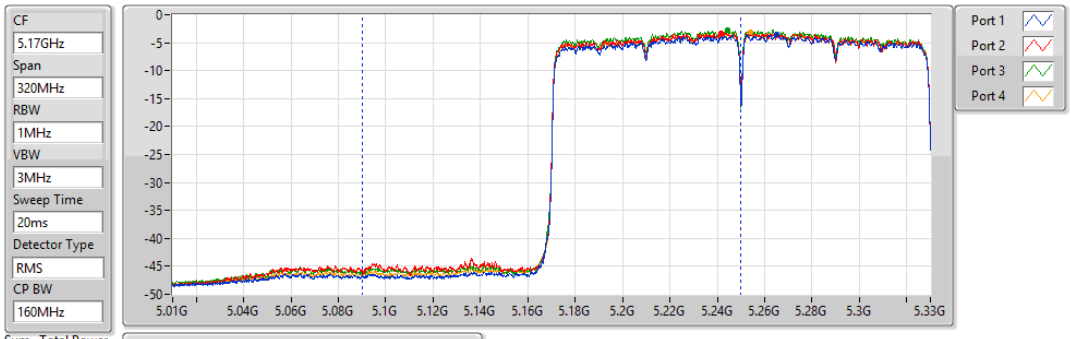
5690MHz Straddle 5.725-5.85GHz



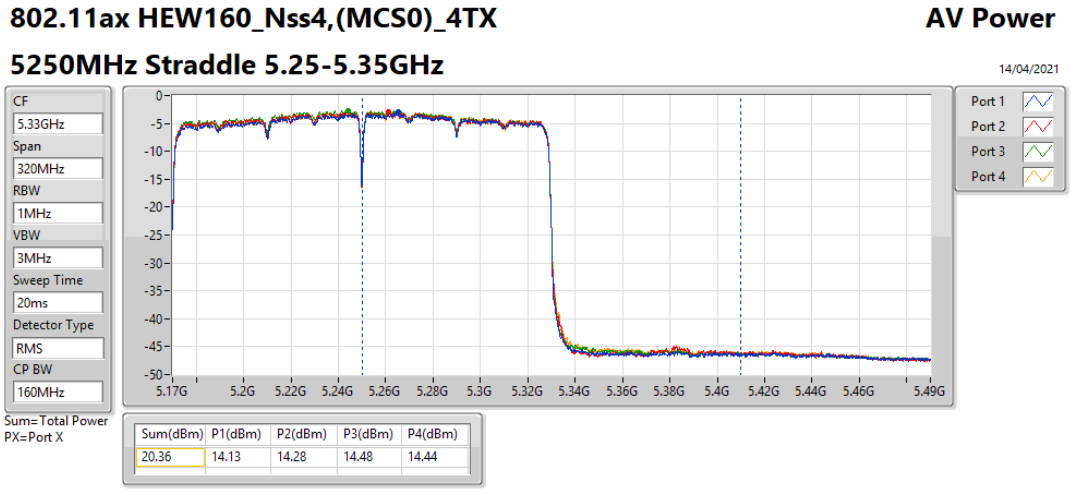
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.27	3.66	4.83	4.31	4.11

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.94	13.40	13.95	14.44	13.82


802.11ax HEW160_Nss4,(MCS0)_4TX
AV Power
5250MHz Straddle 5.25-5.35GHz
14/04/2021
CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz
Sum=Total Power
PX=Port X
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
5.17G
5.2G
5.22G
5.24G
5.26G
5.28G
5.3G
5.32G
5.34G
5.36G
5.38G
5.4G
5.42G
5.44G
5.46G
5.49G
Port 1
Port 2
Port 3
Port 4
Sum(dBm) P1(dBm) P2(dBm) P3(dBm) P4(dBm)
20.36 14.13 14.28 14.48 14.44

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	20.56	0.11376
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.97	0.12503
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.68	0.23335
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	20.82	0.12078
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.84	0.24210
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.41	0.13836
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.55	0.22646
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.88	0.24434
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	22.75	0.18836
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.97	0.24946
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.92	0.19588
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	16.95	0.04955
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	13.46	0.02218
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	9.28	0.00847
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.61	0.05768
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	14.08	0.02559
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	10.23	0.01054

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.26	17.33	17.72	17.93	17.61	23.67	23.98
5300MHz	Pass	5.26	17.37	17.76	17.85	17.64	23.68	23.98
5320MHz	Pass	5.26	17.35	17.55	17.69	17.58	23.56	23.98
5500MHz	Pass	5.07	17.17	17.91	17.62	17.38	23.55	23.98
5580MHz	Pass	5.07	17.15	17.67	17.56	17.08	23.39	23.98
5700MHz	Pass	5.07	17.39	17.82	17.52	17.23	23.52	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.07	16.47	16.69	16.84	16.35	22.61	22.97
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	10.82	11.15	11.06	10.65	16.95	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.26	17.76	18.08	17.99	17.93	23.96	23.98
5310MHz	Pass	5.26	17.60	17.72	17.94	17.83	23.79	23.98
5510MHz	Pass	5.07	16.83	17.15	16.93	17.07	23.02	23.98
5550MHz	Pass	5.07	17.41	17.89	17.38	17.49	23.57	23.98
5670MHz	Pass	5.07	16.85	17.57	17.78	17.52	23.46	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.07	17.56	17.81	18.27	18.10	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.58	7.06	7.46	7.69	7.51	13.46	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.26	17.53	17.56	17.71	17.68	23.64	23.98
5530MHz	Pass	5.07	18.01	17.99	17.82	17.60	23.88	23.98
5610MHz	Pass	5.07	17.15	18.02	17.37	17.46	23.53	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.07	17.14	17.97	17.57	17.52	23.58	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.58	2.88	3.81	3.19	3.11	9.28	30.00
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.18	14.16	14.53	14.90	14.55	20.56	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.26	14.72	14.74	14.87	14.88	20.82	23.98
5570MHz	Pass	5.07	16.45	16.94	16.98	16.51	22.75	23.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.26	17.52	17.98	17.93	17.73	23.81	23.98
5300MHz	Pass	5.26	17.45	17.93	17.77	17.71	23.74	23.98
5320MHz	Pass	5.26	17.61	17.82	17.90	17.93	23.84	23.98
5500MHz	Pass	5.07	17.69	18.32	18.00	17.68	23.95	23.98
5580MHz	Pass	5.07	17.54	18.35	18.01	17.71	23.93	23.98
5700MHz	Pass	5.07	17.91	18.17	18.02	17.61	23.95	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.07	16.62	17.04	16.94	16.56	22.82	22.95
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	11.49	11.90	11.63	11.30	17.61	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.26	17.45	18.13	18.15	17.82	23.92	23.98
5310MHz	Pass	5.26	17.79	18.22	18.03	17.70	23.96	23.98
5510MHz	Pass	5.07	16.74	17.55	16.96	16.94	23.08	23.98
5550MHz	Pass	5.07	17.66	18.11	17.76	17.75	23.84	23.98
5670MHz	Pass	5.07	17.58	18.07	18.04	18.07	23.97	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.07	17.47	17.72	18.14	17.89	23.83	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.58	7.60	8.16	8.25	8.18	14.08	30.00

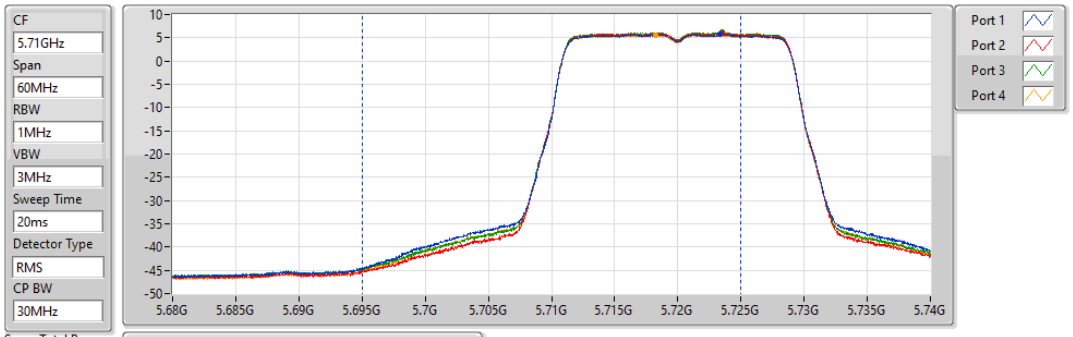
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.26	17.97	17.78	18.00	17.86	23.92	23.98
5530MHz	Pass	5.07	17.72	17.90	18.01	17.48	23.80	23.98
5610MHz	Pass	5.07	17.51	18.45	17.85	17.85	23.95	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.07	17.39	18.30	17.69	17.84	23.84	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.58	3.81	4.70	4.09	4.18	10.23	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.18	14.55	14.93	15.40	14.88	20.97	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.26	15.21	15.26	15.56	15.50	21.41	23.98
5570MHz	Pass	5.07	16.65	17.01	17.13	16.80	22.92	23.98

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.47-5.725GHz

14/05/2021



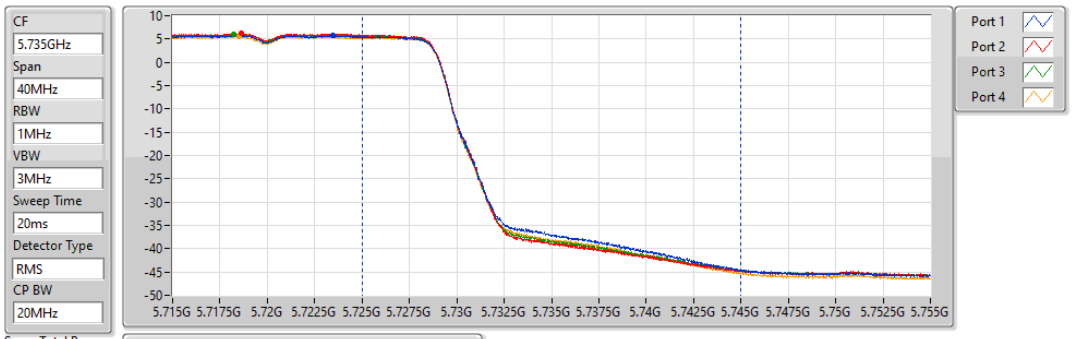
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.61	16.47	16.69	16.84	16.35

802.11ac VHT20-BF_Nss1,(MCS0)_4TX AV Power

5720MHz Straddle 5.725-5.85GHz

14/05/2021



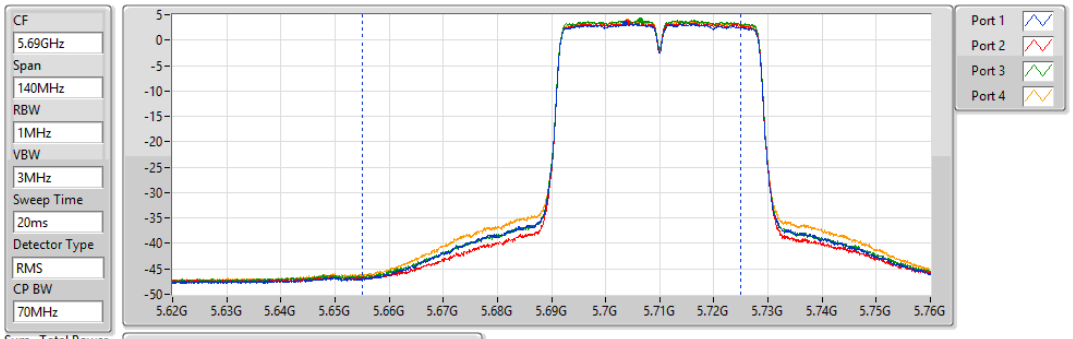
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.95	10.82	11.15	11.06	10.65

802.11ac VHT40-BF_Nss1,(MCS0)_4TX AV Power

5710MHz Straddle 5.47-5.725GHz

14/04/2021

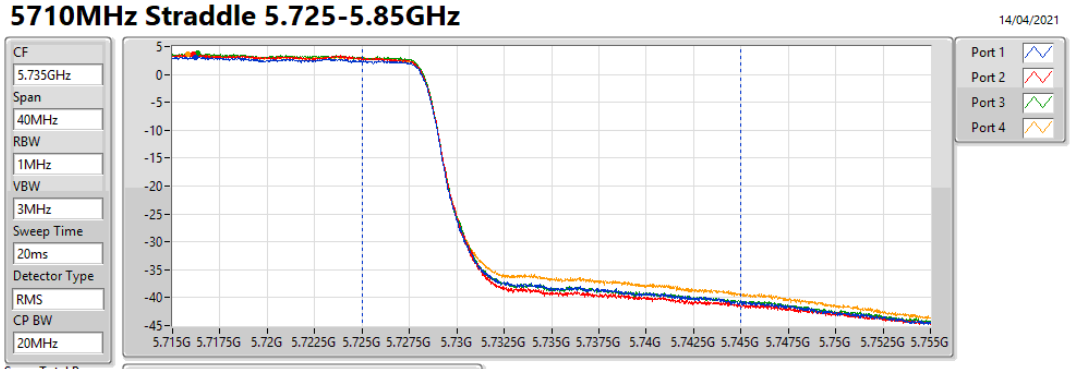


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.96	17.56	17.81	18.27	18.10

802.11ac VHT40-BF_Nss1,(MCS0)_4TX AV Power

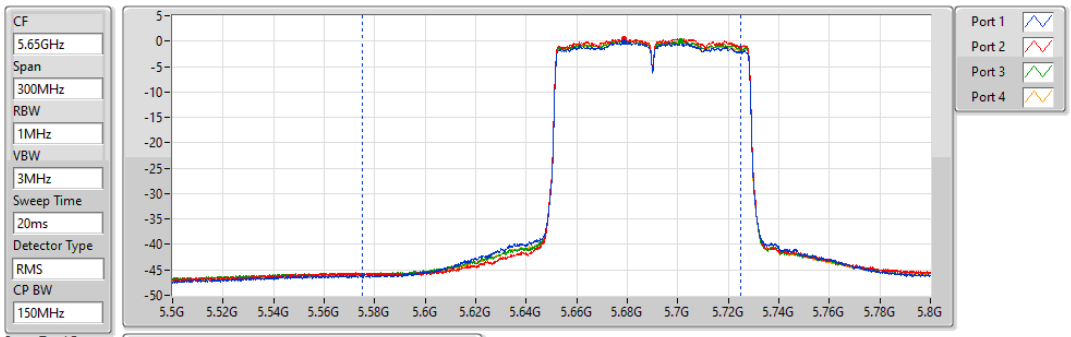
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.46	7.06	7.46	7.69	7.51

802.11ac VHT80-BF_Nss1,(MCS0)_4TX AV Power

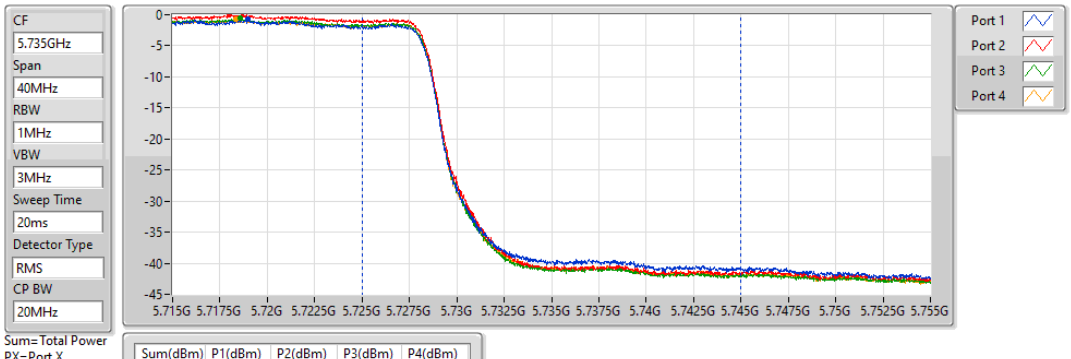
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.58	17.14	17.97	17.57	17.52

802.11ac VHT80-BF_Nss1,(MCS0)_4TX AV Power

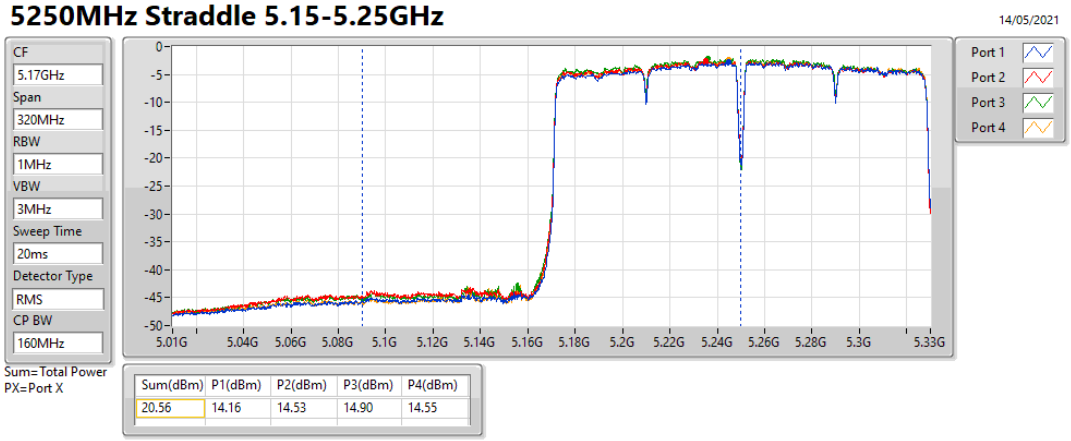
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.28	2.88	3.81	3.19	3.11

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz

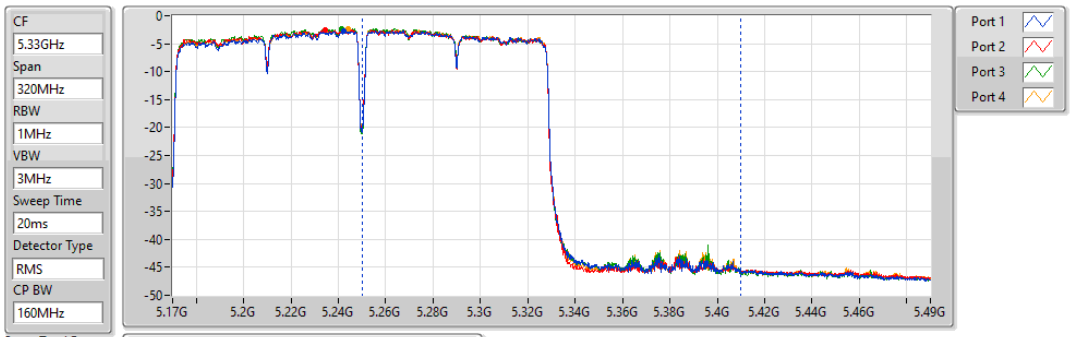


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.56	14.16	14.53	14.90	14.55

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz

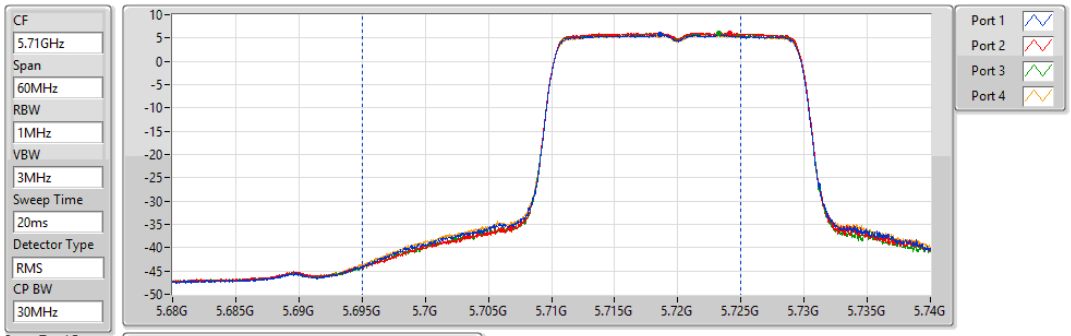


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.82	14.72	14.74	14.87	14.88

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

5720MHz Straddle 5.47-5.725GHz

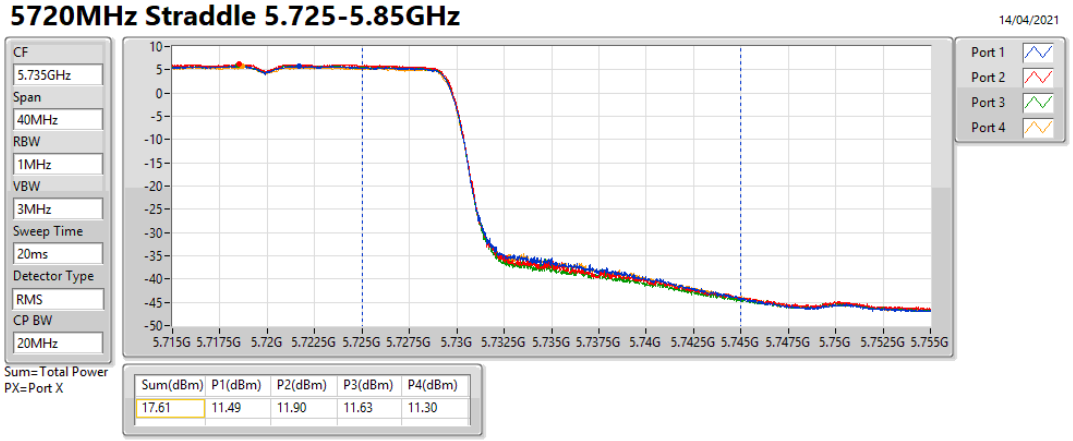


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.82	16.62	17.04	16.94	16.56

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

5720MHz Straddle 5.725-5.85GHz

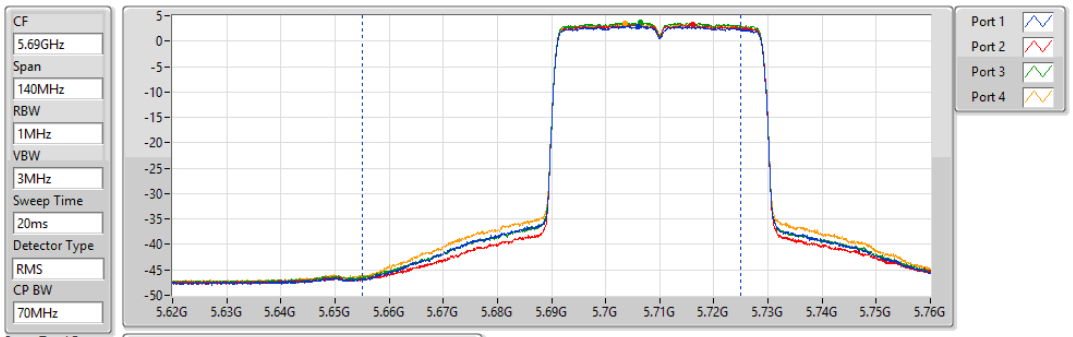


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.61	11.49	11.90	11.63	11.30

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

5710MHz Straddle 5.47-5.725GHz

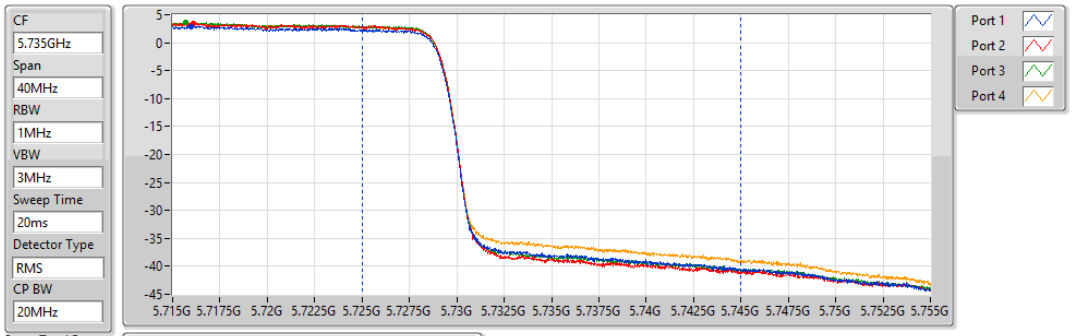


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.83	17.47	17.72	18.14	17.89

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

5710MHz Straddle 5.725-5.85GHz

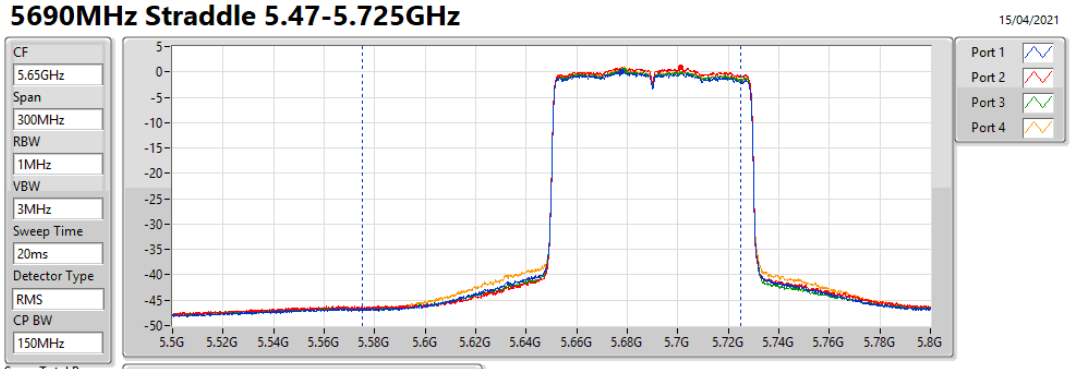


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.08	7.60	8.16	8.25	8.18

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

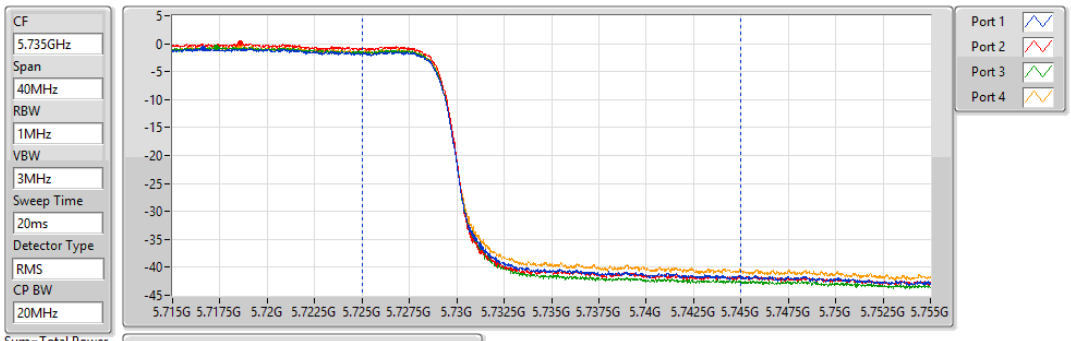
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.84	17.39	18.30	17.69	17.84

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

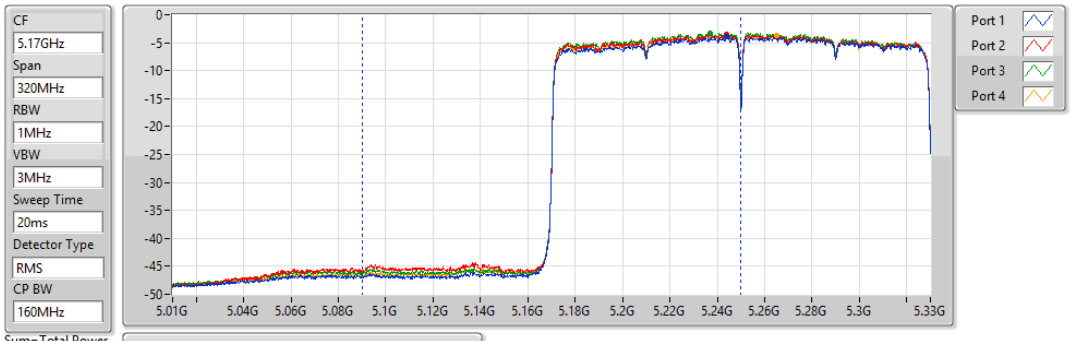
5690MHz Straddle 5.725-5.85GHz



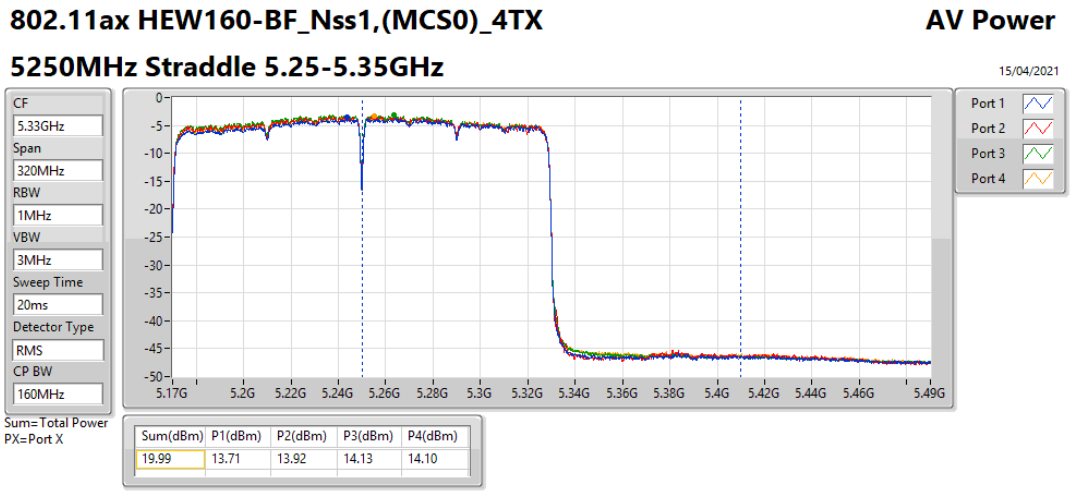
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.23	3.81	4.70	4.09	4.18

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

5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.60	13.13	13.67	13.99	13.49


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
AV Power
5250MHz Straddle 5.25-5.35GHz
15/04/2021
CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz
Sum=Total Power
PX=Port X
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
5.17G
5.2G
5.22G
5.24G
5.26G
5.28G
5.3G
5.32G
5.34G
5.36G
5.38G
5.4G
5.42G
5.44G
5.46G
5.49G
Port 1
Port 2
Port 3
Port 4
Sum(dBm) P1(dBm) P2(dBm) P3(dBm) P4(dBm)
19.99 13.71 13.92 14.13 14.10

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	0.80
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.98
802.11ax HEW20_Nss1,(MCS0)_4TX	10.55
802.11ax HEW40_Nss1,(MCS0)_4TX	8.09
802.11ax HEW80_Nss1,(MCS0)_4TX	4.61
802.11ax HEW160_Nss1,(MCS0)_4TX	1.01
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.96
802.11ax HEW20_Nss1,(MCS0)_4TX	10.56
802.11ax HEW40_Nss1,(MCS0)_4TX	7.78
802.11ax HEW80_Nss1,(MCS0)_4TX	5.02
802.11ax HEW160_Nss1,(MCS0)_4TX	0.93
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.14
802.11ax HEW20_Nss1,(MCS0)_4TX	8.56
802.11ax HEW40_Nss1,(MCS0)_4TX	5.81
802.11ax HEW80_Nss1,(MCS0)_4TX	2.00

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

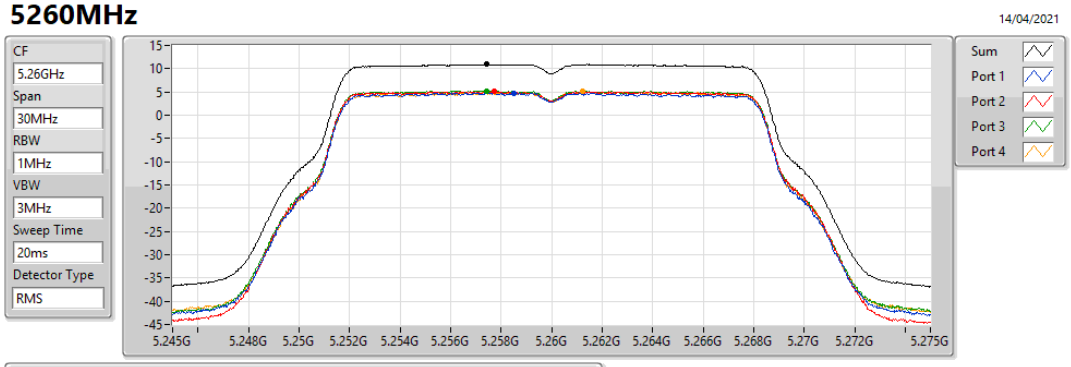
Result

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	5.26	4.80	5.09	5.25	5.08	10.97	11.00
5300MHz	Pass	5.26	4.81	5.19	5.19	5.13	10.98	11.00
5320MHz	Pass	5.26	4.74	4.99	5.15	4.95	10.75	11.00
5500MHz	Pass	5.07	4.79	5.62	5.02	4.88	10.96	11.00
5580MHz	Pass	5.07	4.65	5.54	5.09	4.89	10.93	11.00
5700MHz	Pass	5.07	4.73	5.22	4.86	4.47	10.76	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.07	4.56	5.07	4.97	4.52	10.73	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	3.07	3.51	3.17	3.04	9.14	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.26	4.26	4.71	4.55	4.54	10.45	11.00
5300MHz	Pass	5.26	4.33	4.78	4.68	4.55	10.52	11.00
5320MHz	Pass	5.26	4.38	4.74	4.79	4.53	10.55	11.00
5500MHz	Pass	5.07	4.33	5.12	4.70	4.41	10.56	11.00
5580MHz	Pass	5.07	4.16	4.98	4.64	4.34	10.45	11.00
5700MHz	Pass	5.07	4.33	4.68	4.44	4.20	10.37	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.07	4.12	4.58	4.46	4.13	10.25	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	2.39	2.94	2.65	2.23	8.56	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.26	1.99	2.32	2.23	2.01	8.09	11.00
5310MHz	Pass	5.26	1.47	1.83	1.69	1.57	7.53	11.00
5510MHz	Pass	5.07	1.24	1.82	1.41	1.54	7.41	11.00
5550MHz	Pass	5.07	1.46	1.83	1.59	1.85	7.60	11.00
5670MHz	Pass	5.07	1.28	1.87	2.04	1.87	7.70	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.07	1.49	1.83	2.06	1.87	7.78	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.58	-0.69	-0.06	0.11	-0.03	5.81	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.26	-1.24	-1.37	-1.34	-1.44	4.61	11.00
5530MHz	Pass	5.07	-0.92	-0.74	-0.88	-1.28	5.00	11.00
5610MHz	Pass	5.07	-1.19	-0.32	-1.17	-0.95	5.02	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.07	-1.44	-0.81	-1.33	-0.98	4.83	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.58	-4.41	-3.47	-3.91	-3.93	2.00	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.18	-5.55	-4.98	-4.69	-5.15	0.80	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.26	-5.25	-4.95	-4.64	-4.86	1.01	11.00
5570MHz	Pass	5.07	-5.45	-4.75	-4.89	-5.18	0.93	11.00

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

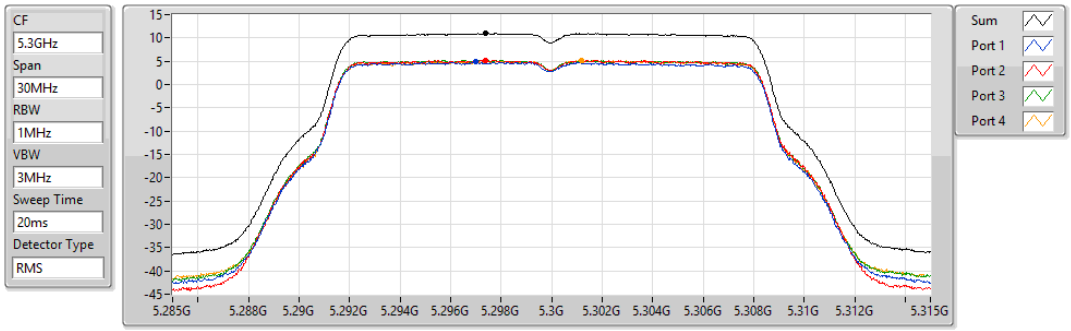
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	4.80	5.09	5.25	5.08

802.11a_Nss1,(6Mbps)_4TX PSD

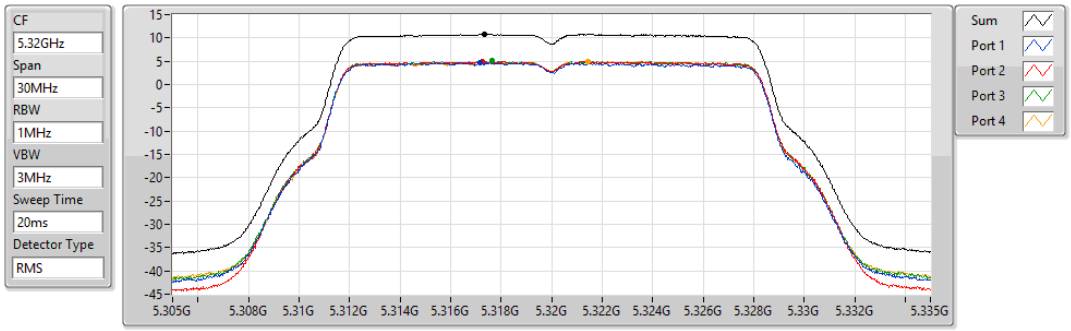
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	4.81	5.19	5.19	5.13

802.11a_Nss1,(6Mbps)_4TX PSD

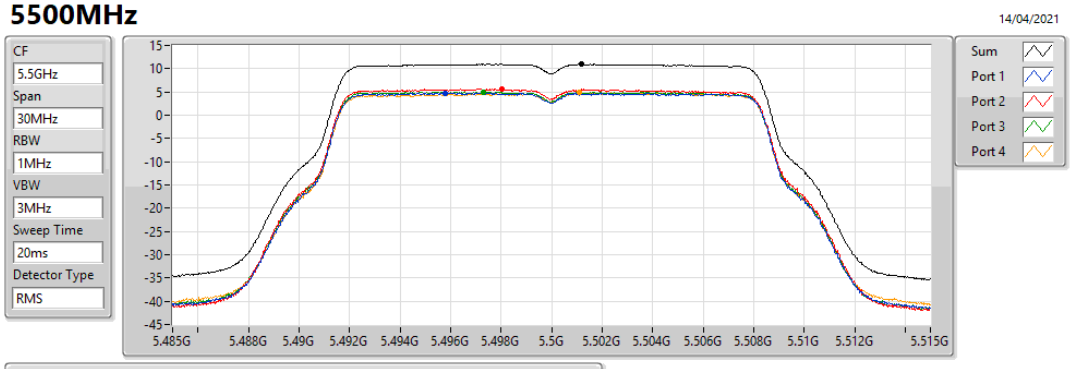
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	4.74	4.99	5.15	4.95

802.11a_Nss1,(6Mbps)_4TX PSD

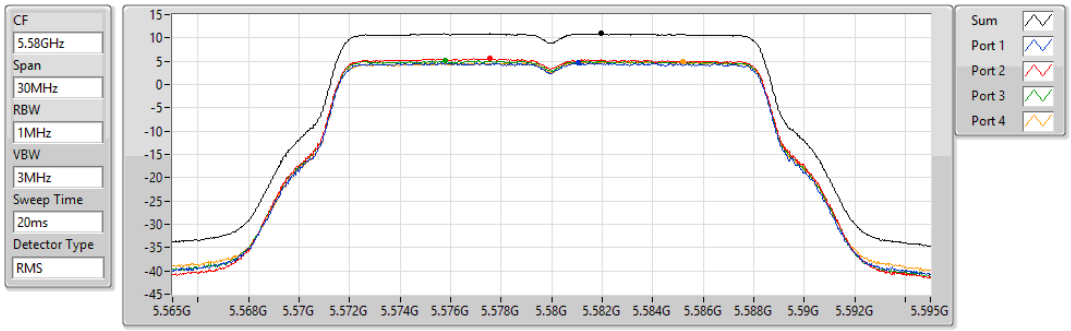
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	4.79	5.62	5.02	4.88

802.11a_Nss1,(6Mbps)_4TX PSD

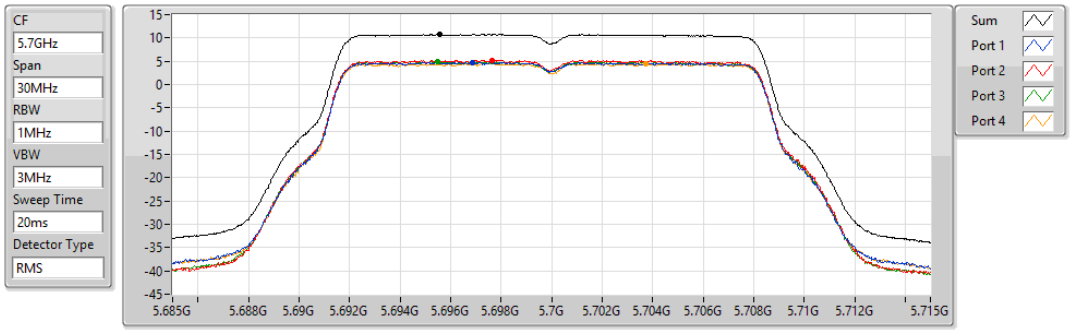
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	4.65	5.54	5.09	4.89

802.11a_Nss1,(6Mbps)_4TX PSD

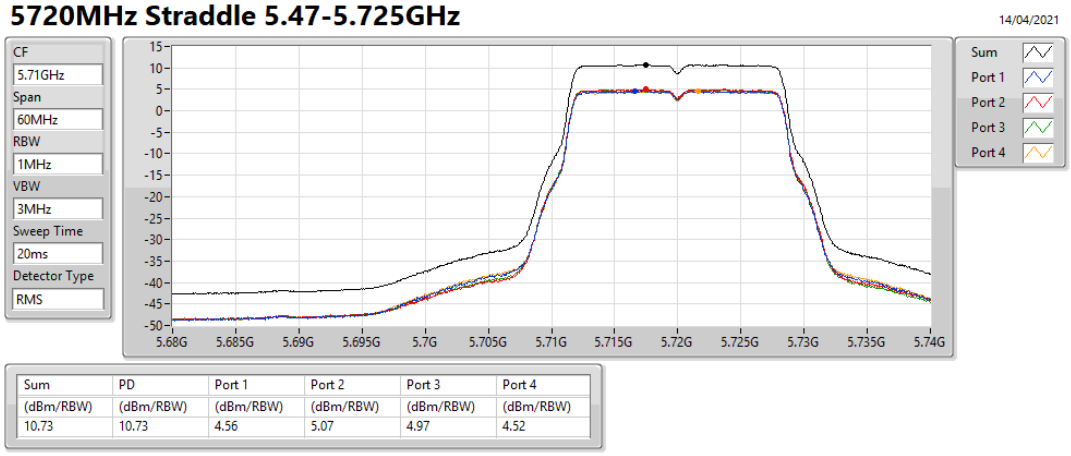
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	4.73	5.22	4.86	4.47

802.11a_Nss1,(6Mbps)_4TX PSD

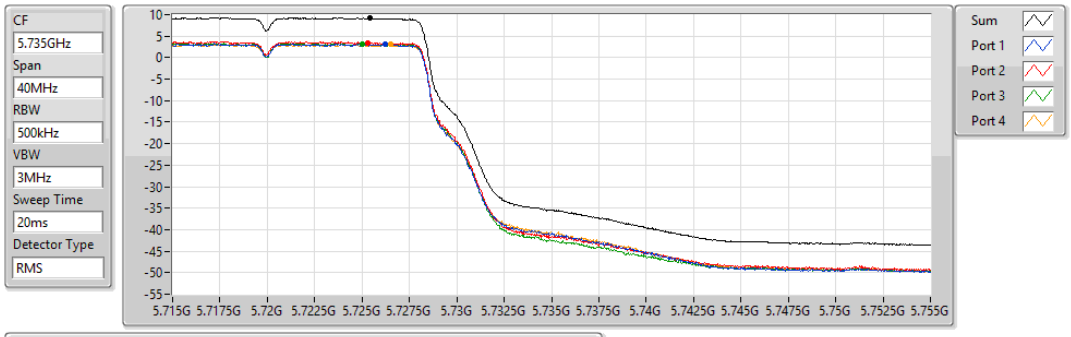
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	4.56	5.07	4.97	4.52

802.11a_Nss1,(6Mbps)_4TX PSD

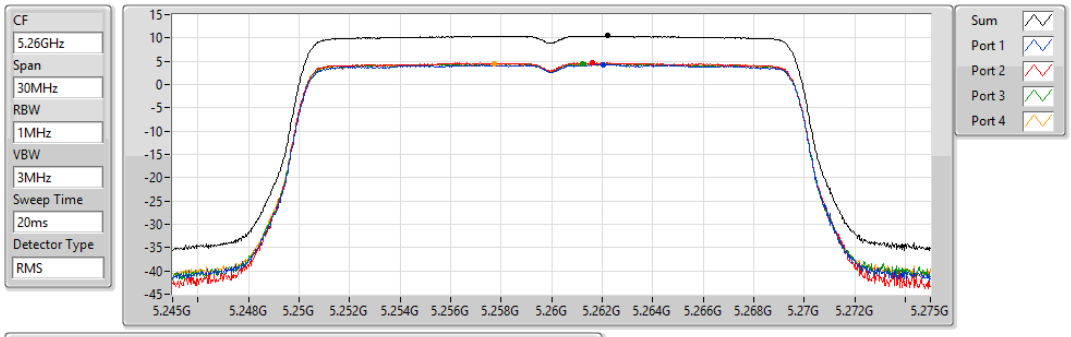
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.14	9.14	3.07	3.51	3.17	3.04

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

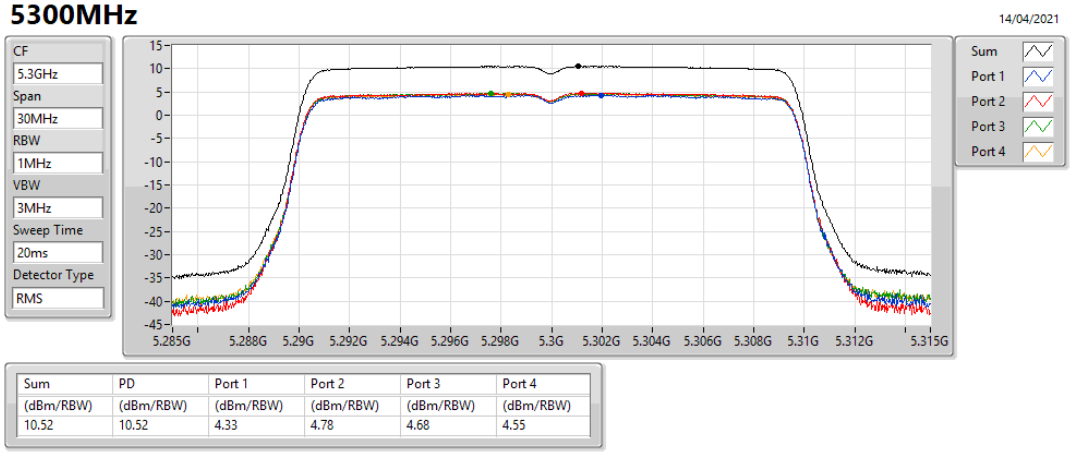
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.45	10.45	4.26	4.71	4.55	4.54

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

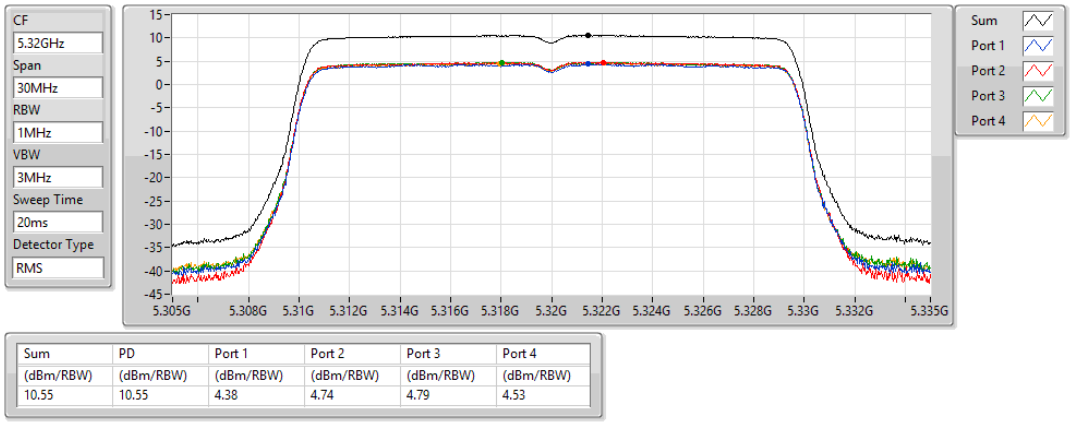
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	4.33	4.78	4.68	4.55

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

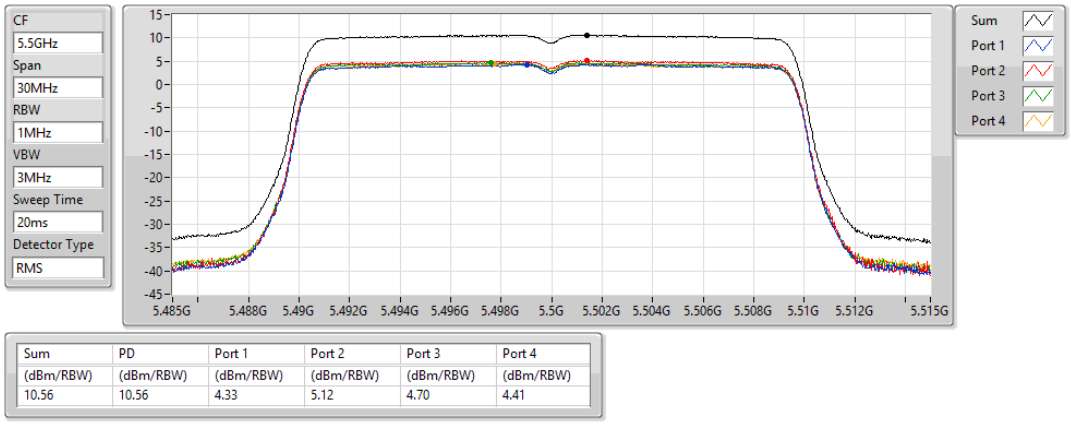
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	4.38	4.74	4.79	4.53

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

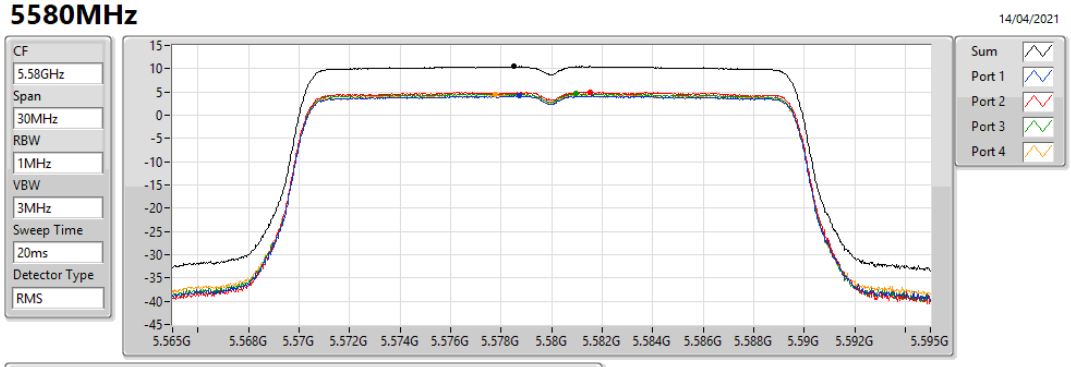
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.33	5.12	4.70	4.41

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

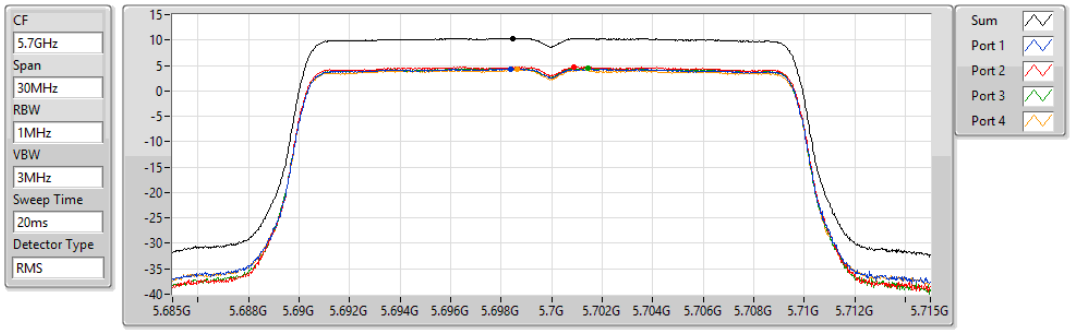
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.45	10.45	4.16	4.98	4.64	4.34

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

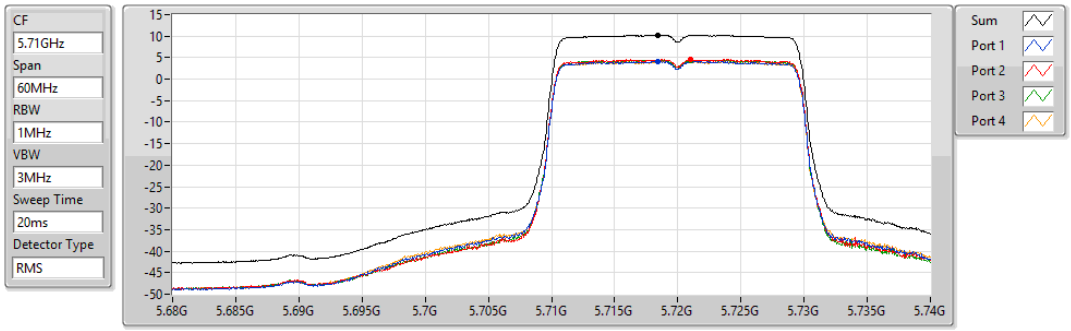
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	4.33	4.68	4.44	4.20

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

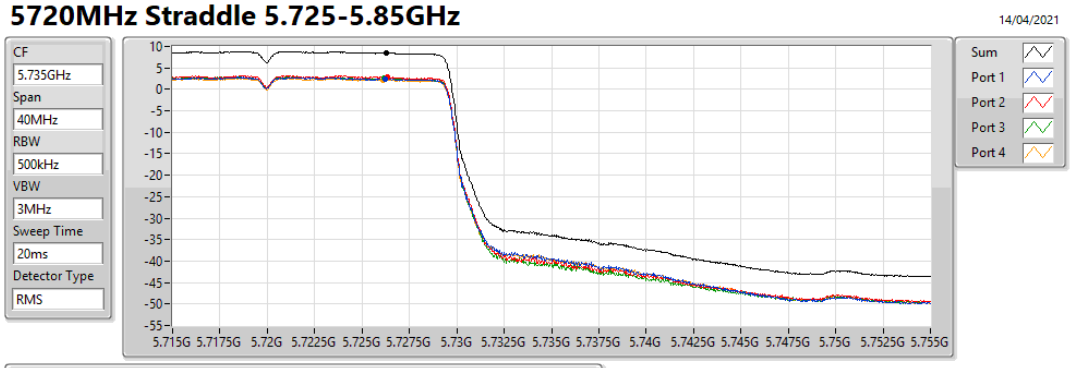
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	4.12	4.58	4.46	4.13

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

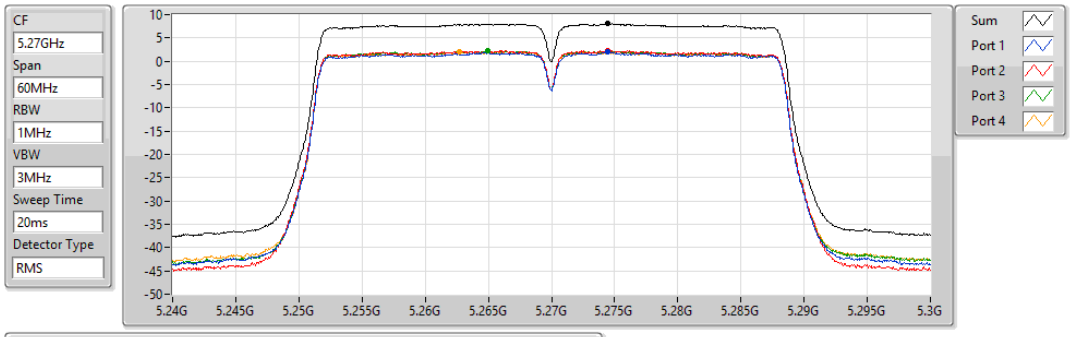
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.56	8.56	2.39	2.94	2.65	2.23

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

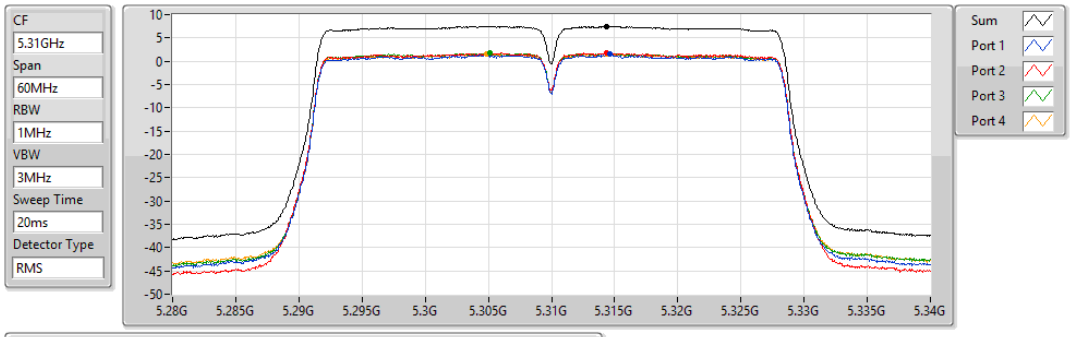
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.09	8.09	1.99	2.32	2.23	2.01

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

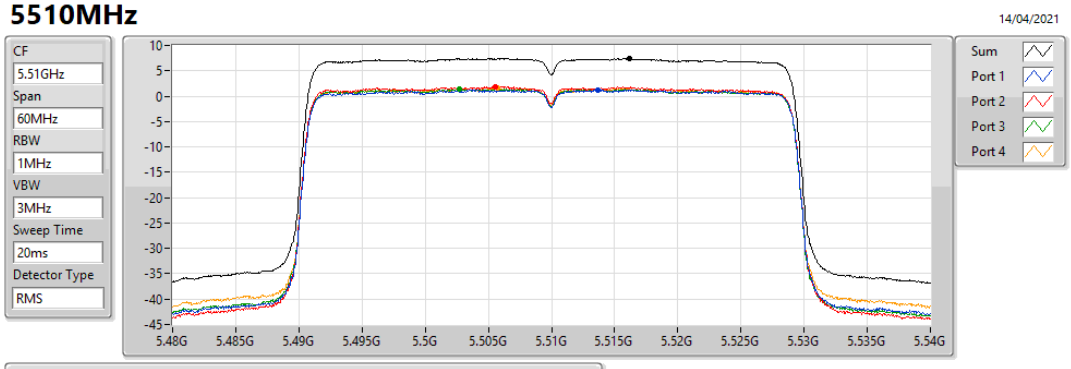
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	1.47	1.83	1.69	1.57

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

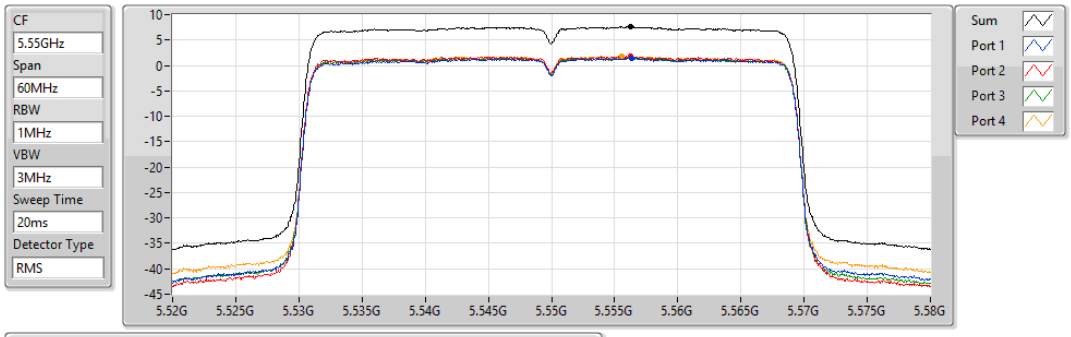
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	1.24	1.82	1.41	1.54

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

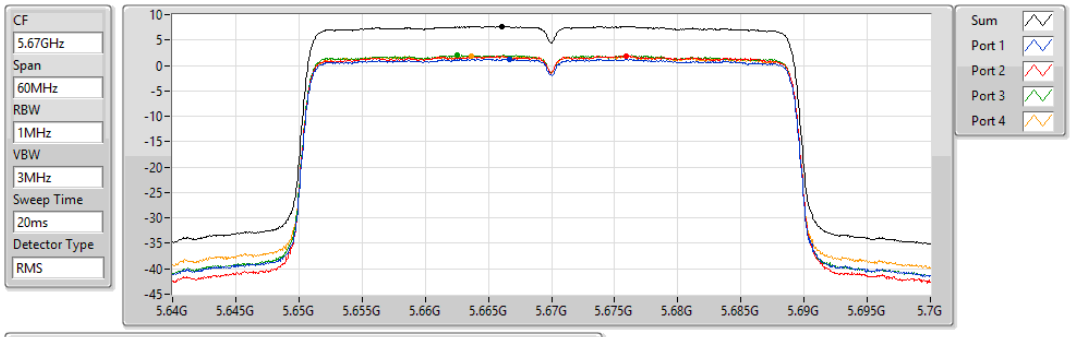
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	1.46	1.83	1.59	1.85

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

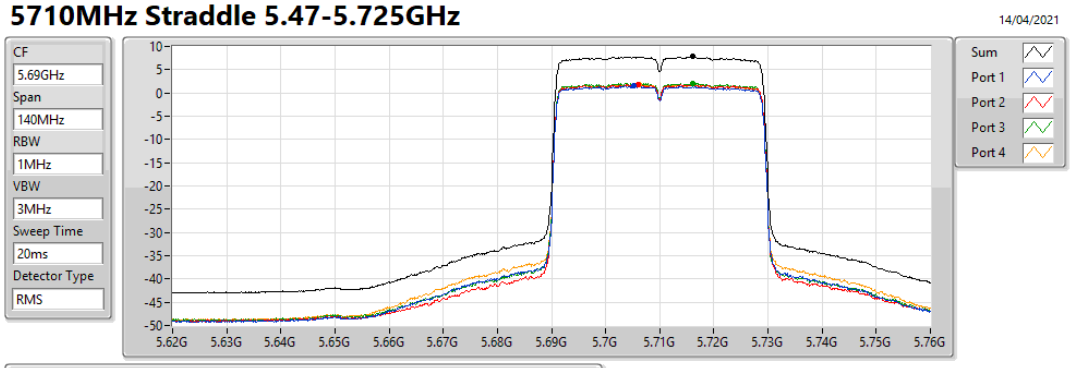
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.70	7.70	1.28	1.87	2.04	1.87

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

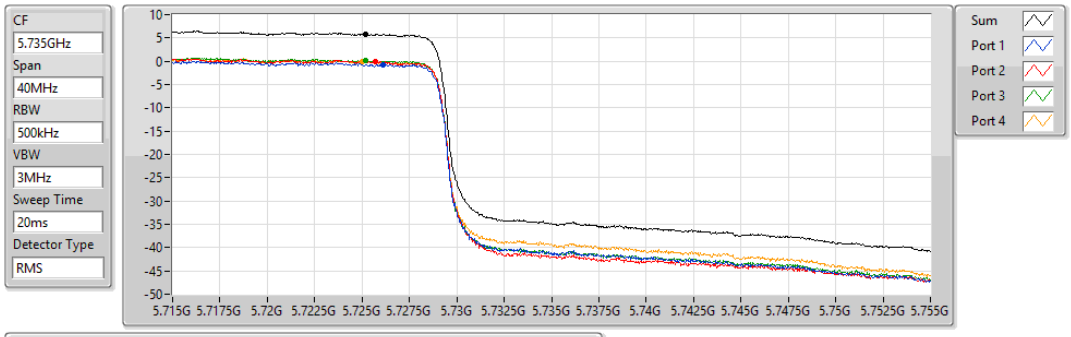
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	1.49	1.83	2.06	1.87

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

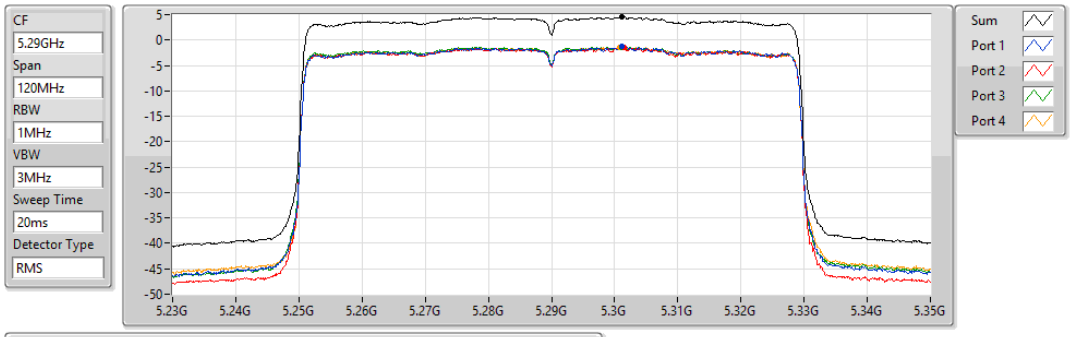
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	-0.69	-0.06	0.11	-0.03

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

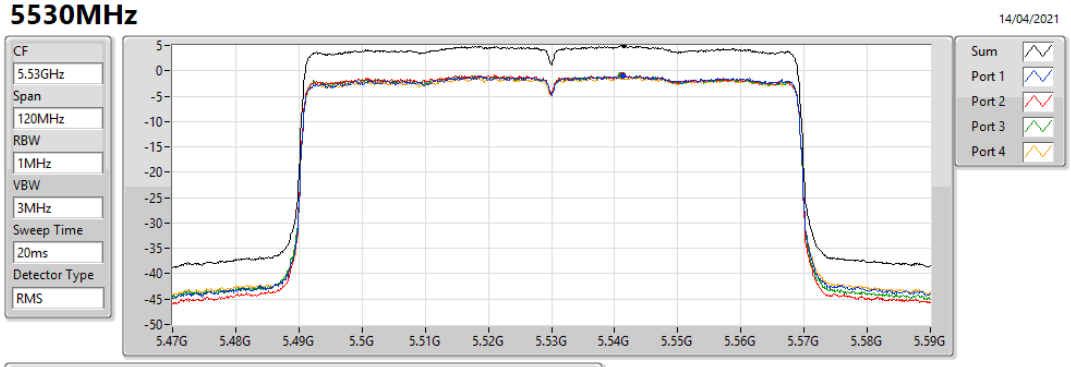
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.61	4.61	-1.24	-1.37	-1.34	-1.44

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

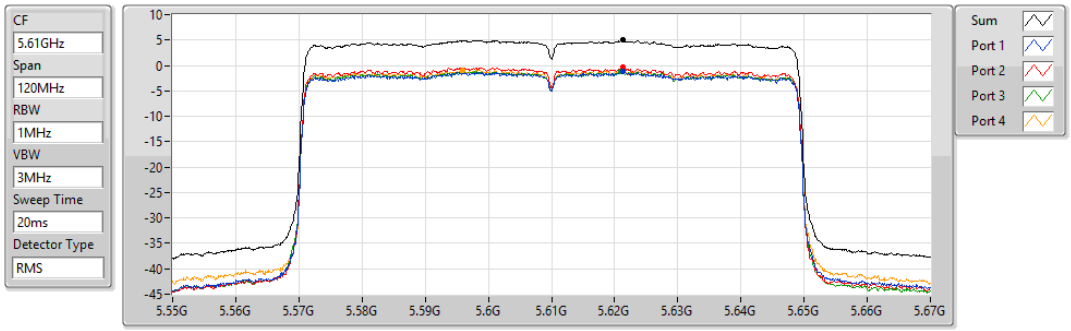
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.00	5.00	-0.92	-0.74	-0.88	-1.28

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

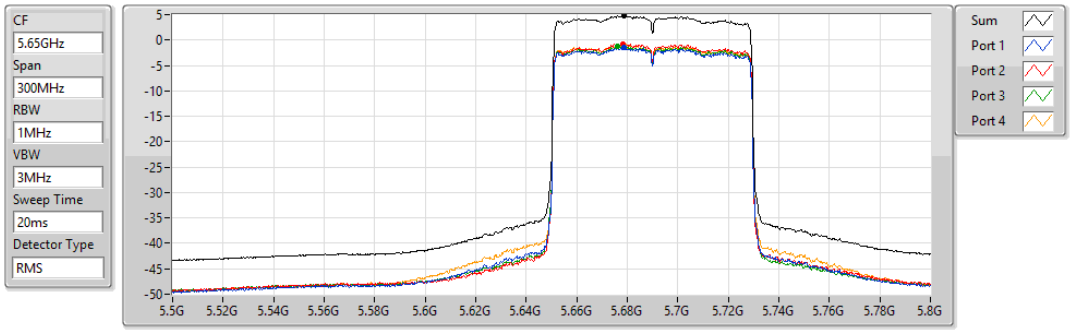
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	-1.19	-0.32	-1.17	-0.95

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

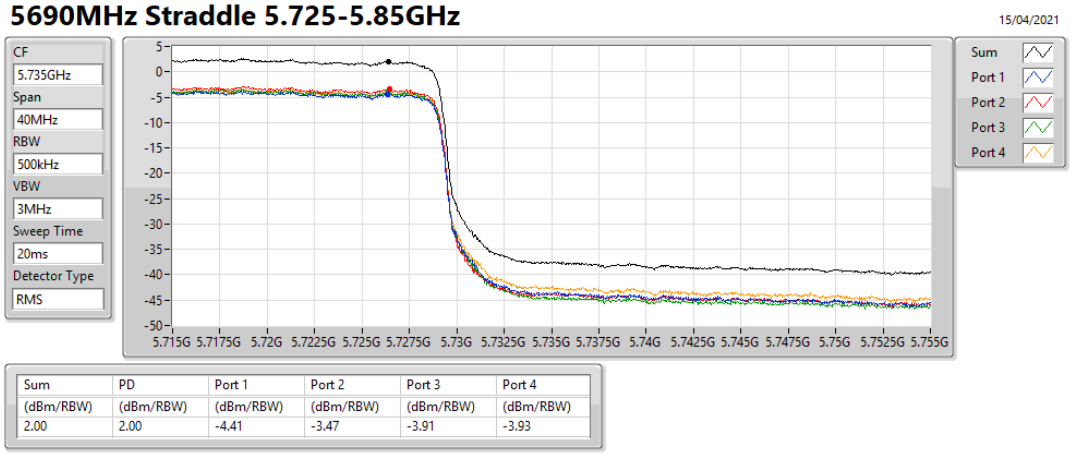
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.83	4.83	-1.44	-0.81	-1.33	-0.98

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

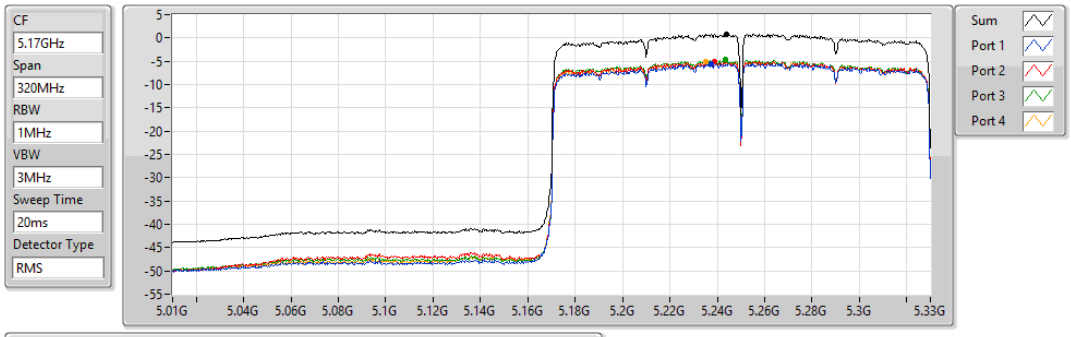
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.00	2.00	-4.41	-3.47	-3.91	-3.93

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

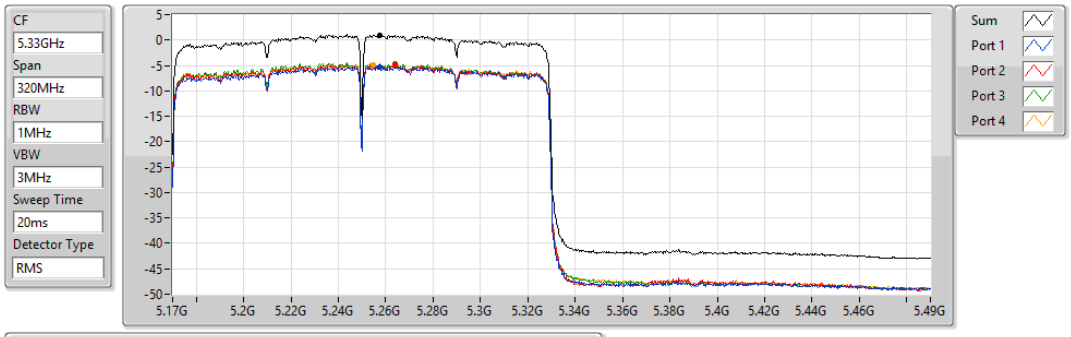
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.80	0.80	-5.55	-4.98	-4.69	-5.15

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

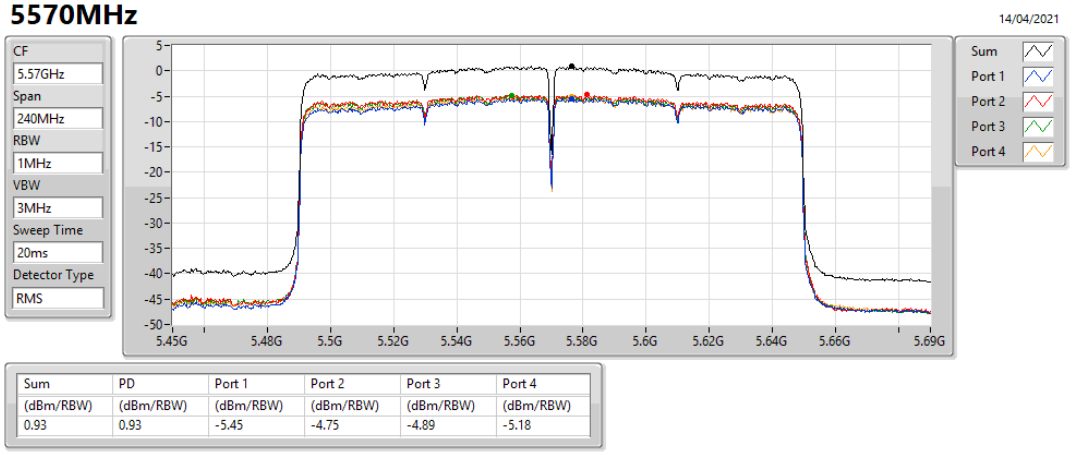
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.01	1.01	-5.25	-4.95	-4.64	-4.86

802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.93	0.93	-5.45	-4.75	-4.89	-5.18

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	1.07
5.25-5.35GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.99
802.11ax HEW40_Nss4,(MCS0)_4TX	8.50
802.11ax HEW80_Nss4,(MCS0)_4TX	5.56
802.11ax HEW160_Nss4,(MCS0)_4TX	1.36
5.47-5.725GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.94
802.11ax HEW40_Nss4,(MCS0)_4TX	8.44
802.11ax HEW80_Nss4,(MCS0)_4TX	5.41
802.11ax HEW160_Nss4,(MCS0)_4TX	-2.76
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	8.83
802.11ax HEW40_Nss4,(MCS0)_4TX	6.11
802.11ax HEW80_Nss4,(MCS0)_4TX	2.47

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

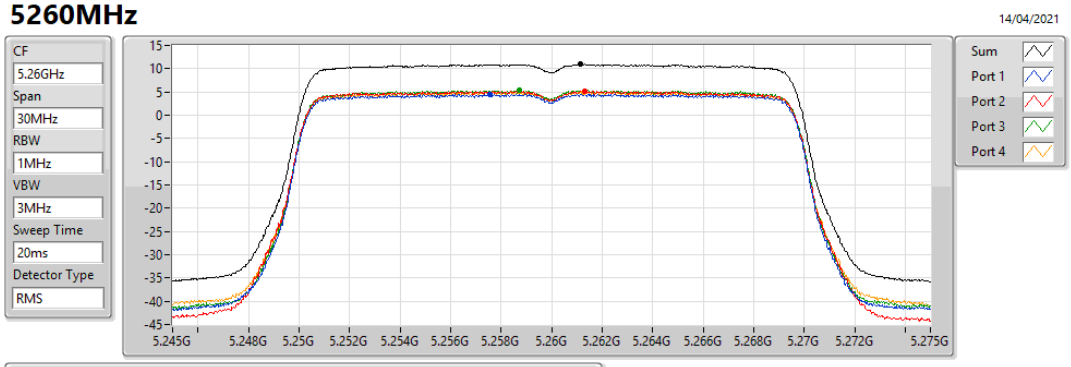
Result

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	0.11	4.48	5.12	5.34	4.97	10.92	11.00
5300MHz	Pass	0.11	4.65	5.29	5.30	5.14	10.99	11.00
5320MHz	Pass	0.11	4.74	5.27	5.25	5.14	10.99	11.00
5500MHz	Pass	0.37	4.44	5.35	5.02	4.65	10.73	11.00
5580MHz	Pass	0.37	4.64	5.38	5.21	4.97	10.94	11.00
5700MHz	Pass	0.37	4.69	5.43	5.18	4.59	10.88	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	0.37	4.02	4.79	4.57	4.11	10.29	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	0.30	2.51	3.40	3.11	2.58	8.83	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	0.11	2.03	2.66	2.69	2.33	8.37	11.00
5310MHz	Pass	0.11	2.26	2.70	2.85	2.75	8.50	11.00
5510MHz	Pass	0.37	2.16	2.81	2.52	2.68	8.44	11.00
5550MHz	Pass	0.37	2.12	2.57	2.32	2.50	8.23	11.00
5670MHz	Pass	0.37	1.68	2.42	2.52	2.32	8.11	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	0.37	1.52	2.11	2.27	2.17	7.91	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	0.30	-0.47	0.22	0.51	0.02	6.11	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	0.11	-0.50	-0.52	-0.14	-0.24	5.56	11.00
5530MHz	Pass	0.37	-0.67	-0.37	-0.27	-0.68	5.36	11.00
5610MHz	Pass	0.37	-1.19	0.14	-0.57	-0.30	5.41	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	0.37	-1.31	-0.42	-0.93	-0.92	4.94	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	0.30	-4.12	-2.83	-3.42	-3.65	2.47	30.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	0.05	-5.22	-4.74	-4.41	-4.94	1.07	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	0.11	-4.67	-4.66	-4.30	-4.48	1.36	11.00
5570MHz	Pass	0.37	-8.54	-8.30	-8.25	-8.98	-2.76	11.00

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_Nss4,(MCS0)_4TX PSD

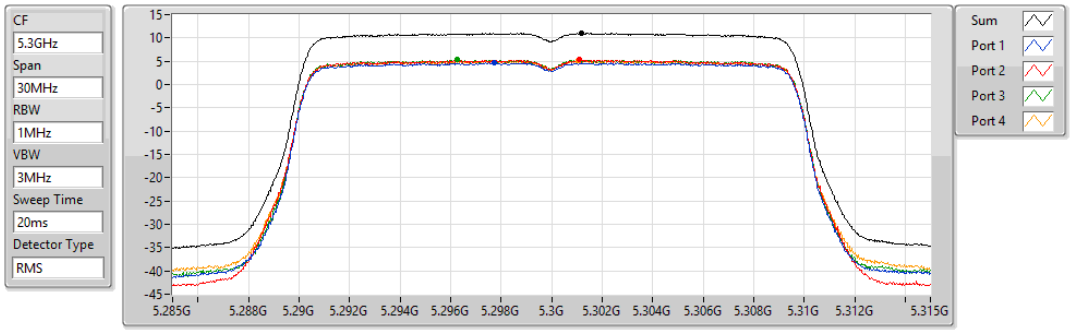
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	4.48	5.12	5.34	4.97

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

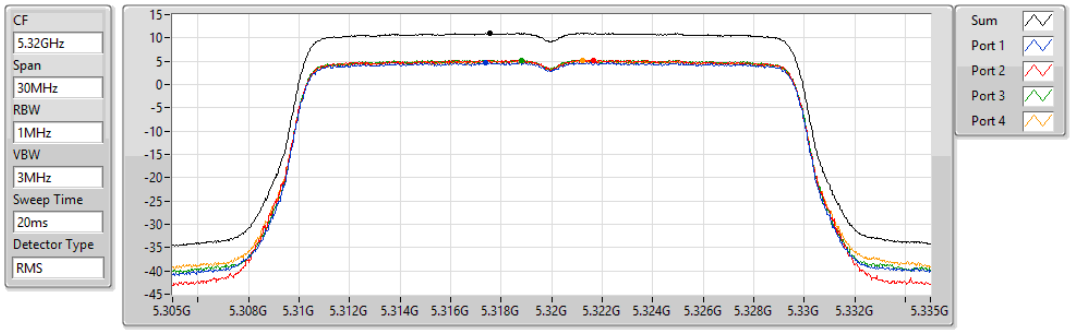
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	4.65	5.29	5.30	5.14

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

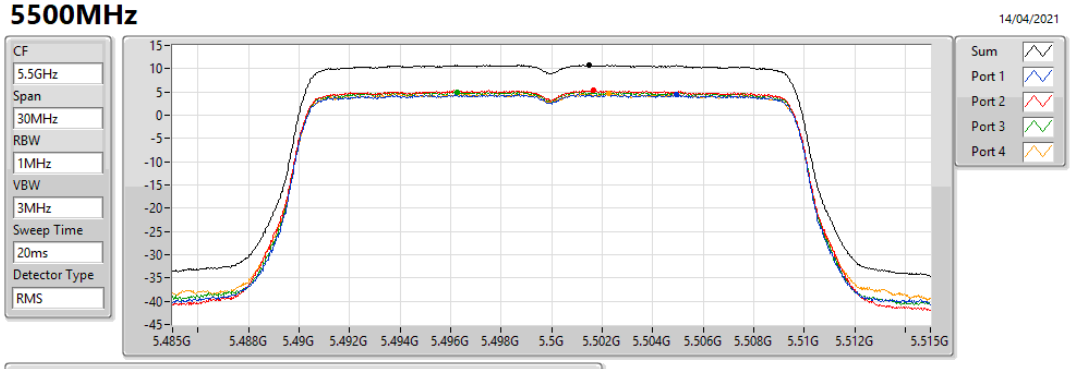
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.99	10.99	4.74	5.27	5.25	5.14

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

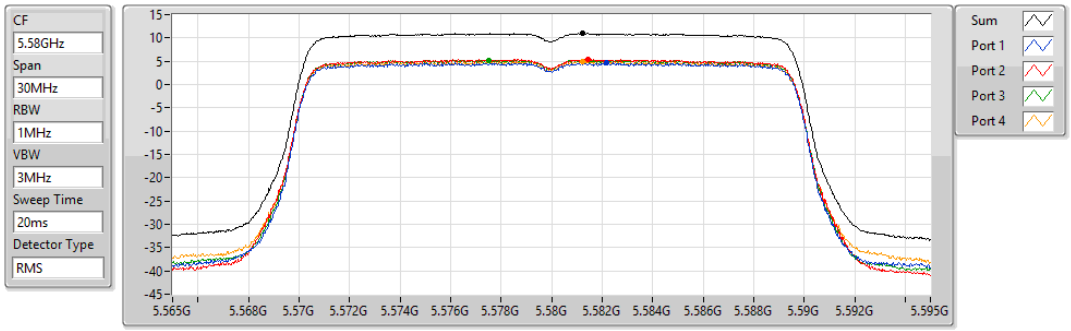
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	4.44	5.35	5.02	4.65

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

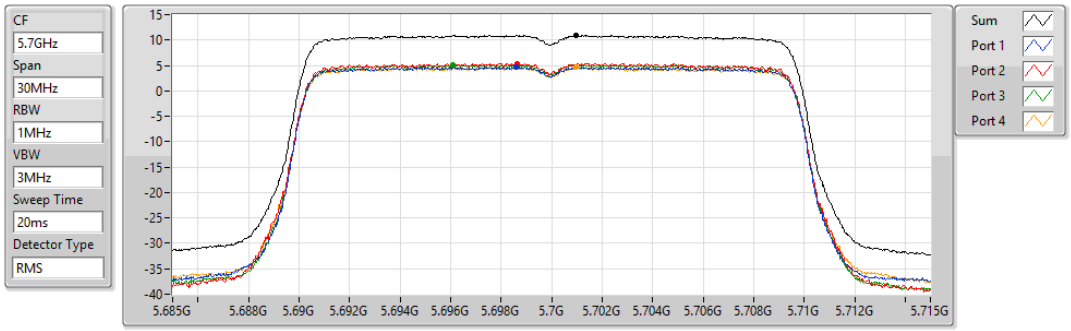
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	4.64	5.38	5.21	4.97

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

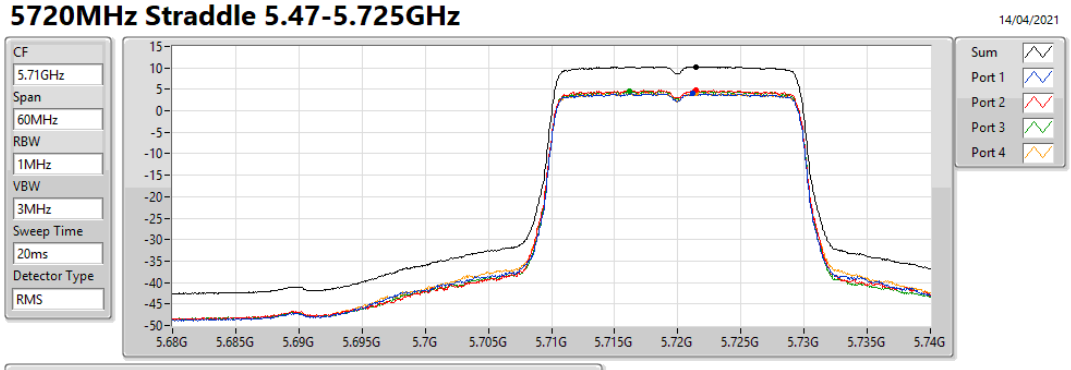
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	4.69	5.43	5.18	4.59

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

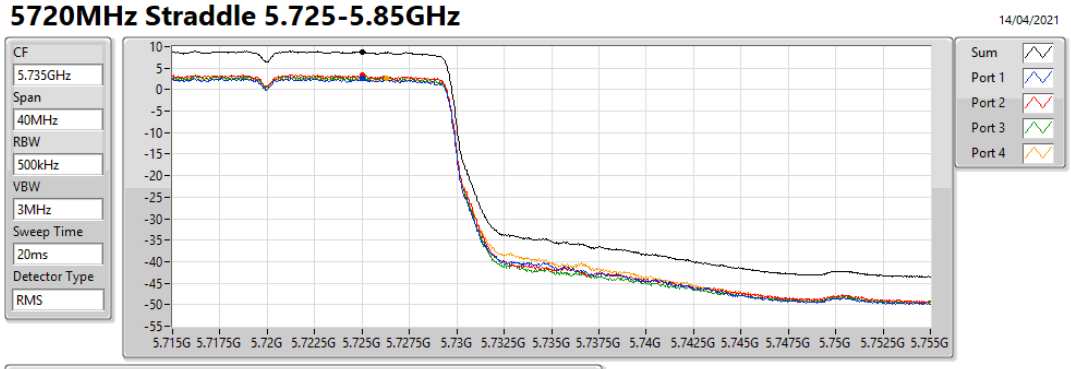
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	4.02	4.79	4.57	4.11

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

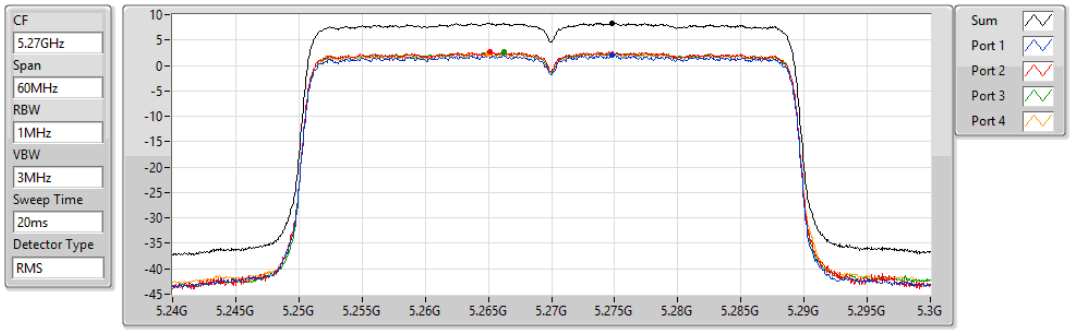
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	2.51	3.40	3.11	2.58

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

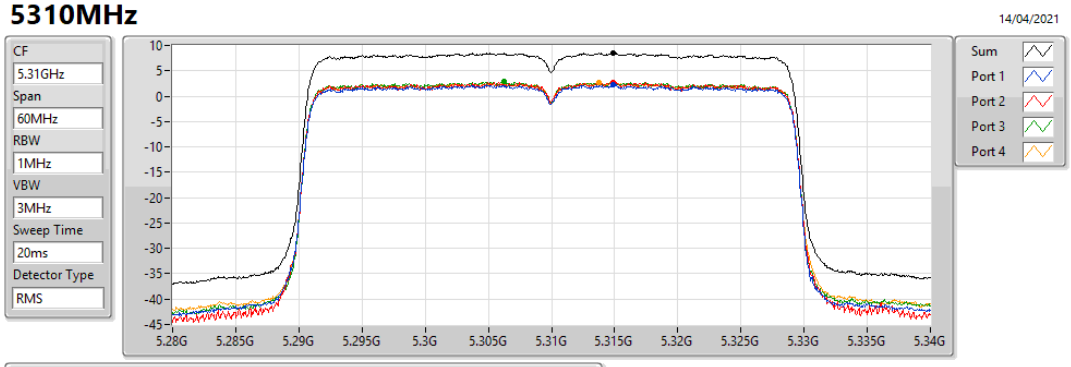
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	2.03	2.66	2.69	2.33

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

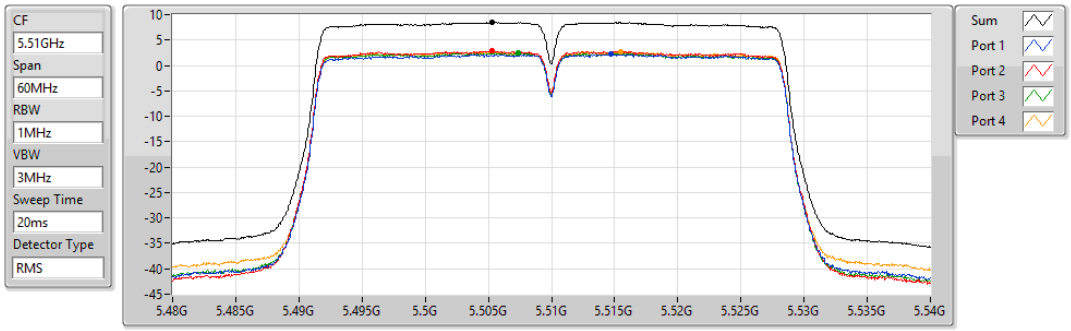
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	2.26	2.70	2.85	2.75

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

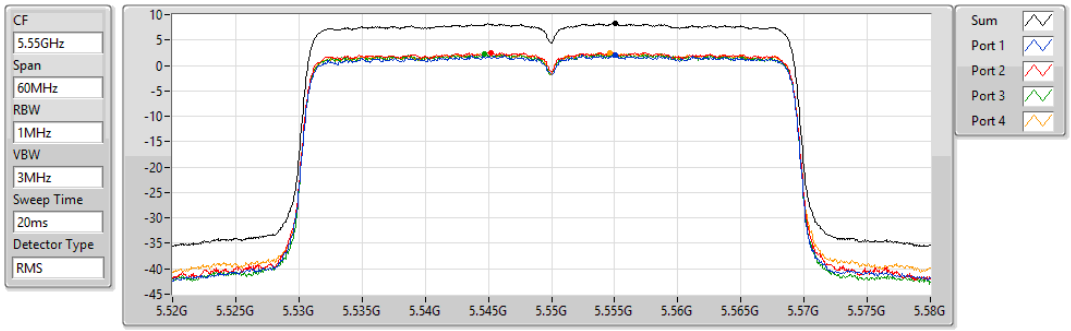
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.44	8.44	2.16	2.81	2.52	2.68

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

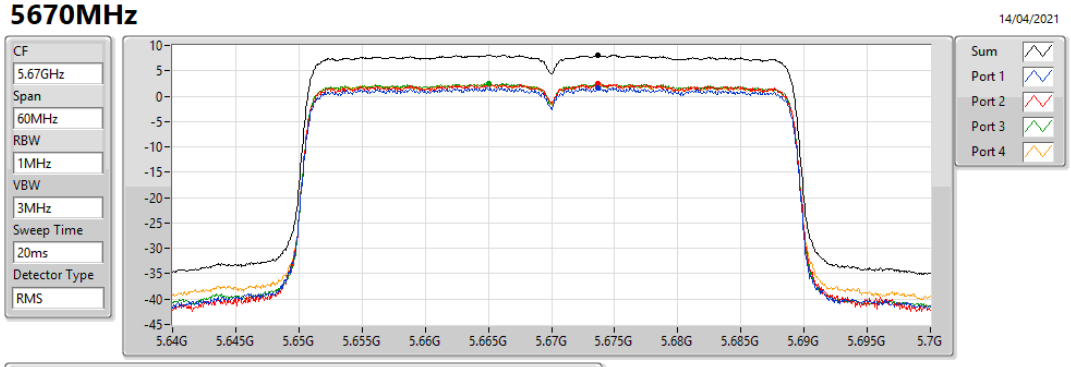
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.23	8.23	2.12	2.57	2.32	2.50

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

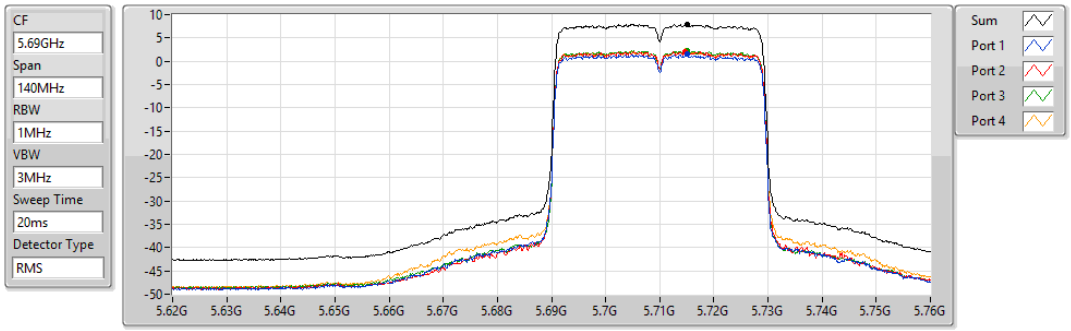
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	1.68	2.42	2.52	2.32

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

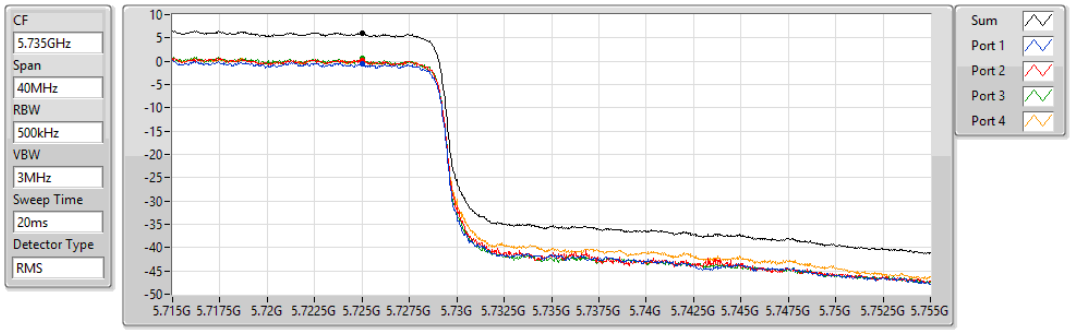
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.91	7.91	1.52	2.11	2.27	2.17

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

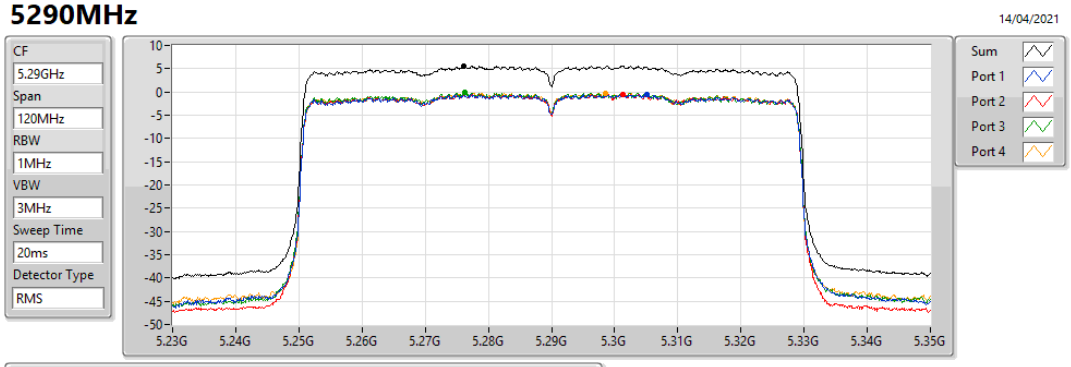
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.11	6.11	-0.47	0.22	0.51	0.02

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

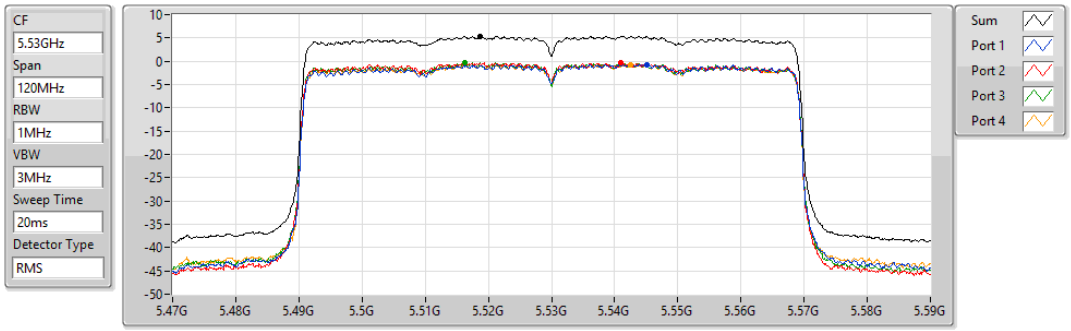
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.56	5.56	-0.50	-0.52	-0.14	-0.24

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

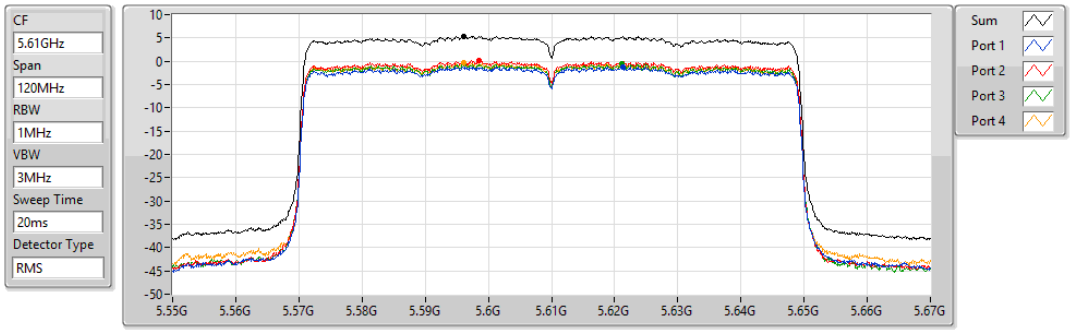
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.36	5.36	-0.67	-0.37	-0.27	-0.68

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

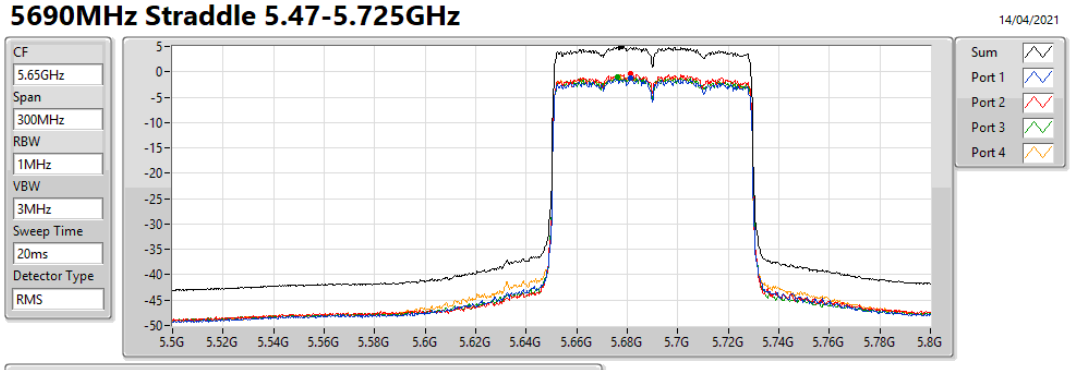
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.41	5.41	-1.19	0.14	-0.57	-0.30

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

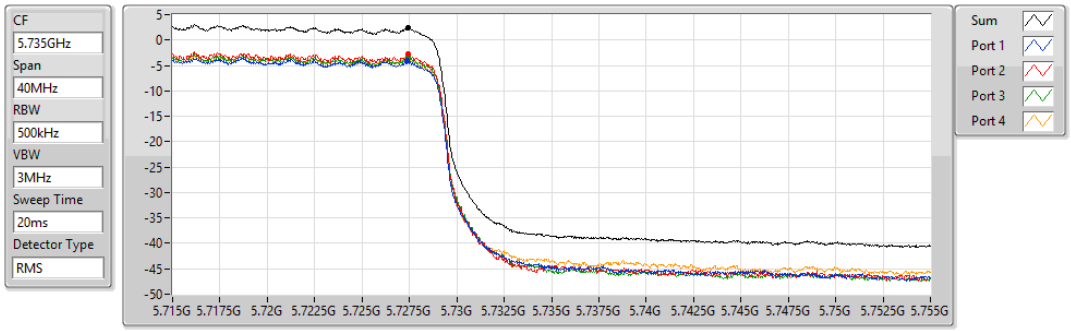
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	-1.31	-0.42	-0.93	-0.92

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

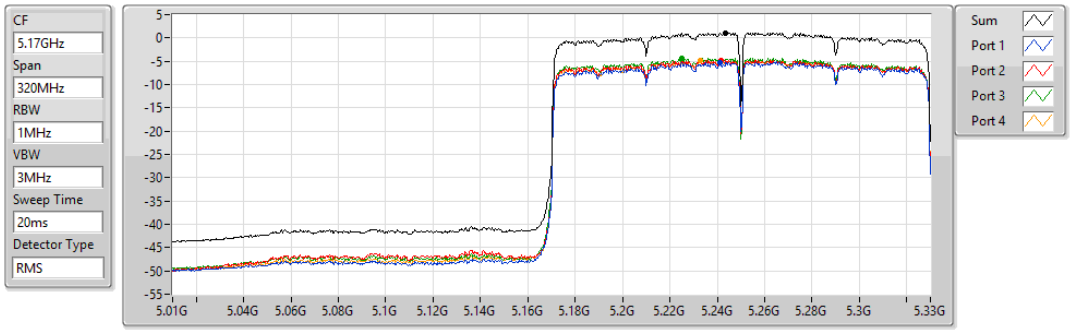
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.47	2.47	-4.12	-2.83	-3.42	-3.65

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

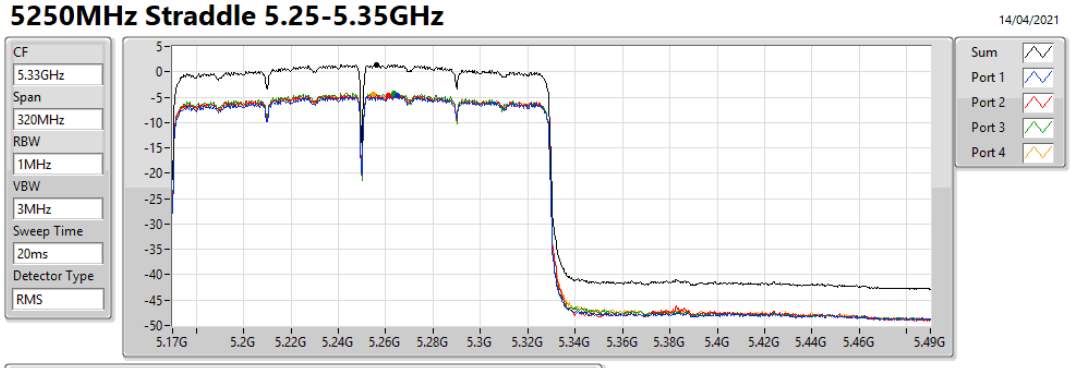
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.07	1.07	-5.22	-4.74	-4.41	-4.94

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

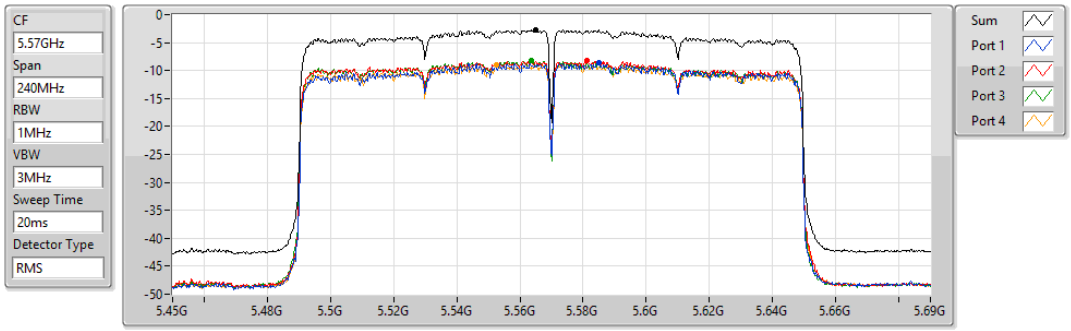
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.36	1.36	-4.67	-4.66	-4.30	-4.48

802.11ax HEW160_Nss4,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.76	-2.76	-8.54	-8.30	-8.25	-8.98

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.08
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.70
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.87
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.13
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.40
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.50
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.78
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.15
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.44
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.59
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.64
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.84

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

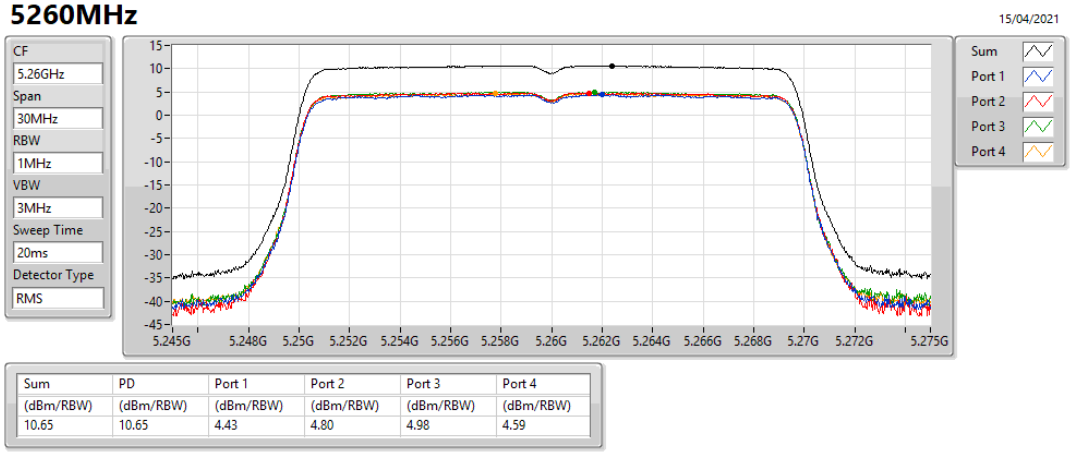
Result

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-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.26	4.43	4.80	4.98	4.59	10.65	11.00
5300MHz	Pass	5.26	4.56	4.76	4.88	4.66	10.62	11.00
5320MHz	Pass	5.26	4.60	4.87	4.94	4.65	10.70	11.00
5500MHz	Pass	5.07	4.21	4.80	4.72	4.49	10.48	11.00
5580MHz	Pass	5.07	4.26	4.81	4.64	4.59	10.50	11.00
5700MHz	Pass	5.07	4.33	4.91	4.64	4.33	10.50	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.07	4.10	4.52	4.46	4.11	10.26	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	2.41	2.91	2.64	2.50	8.59	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.26	1.75	2.10	2.03	1.83	7.87	11.00
5310MHz	Pass	5.26	1.72	2.15	2.06	1.85	7.82	11.00
5510MHz	Pass	5.07	0.75	1.48	1.02	0.88	6.94	11.00
5550MHz	Pass	5.07	1.57	1.93	1.81	1.99	7.78	11.00
5670MHz	Pass	5.07	1.16	1.88	1.95	1.75	7.61	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.07	1.44	1.66	2.00	2.01	7.71	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.58	-0.61	-0.30	-0.16	-0.24	5.64	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.26	-0.61	-0.84	-0.71	-1.06	5.13	11.00
5530MHz	Pass	5.07	-0.73	-0.75	-0.70	-1.16	5.15	11.00
5610MHz	Pass	5.07	-1.56	-0.49	-1.41	-1.23	4.77	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.07	-1.81	-0.77	-1.29	-1.02	4.71	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.58	-4.60	-3.52	-4.21	-4.40	1.84	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.18	-4.05	-3.86	-3.24	-3.85	2.08	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.26	-3.68	-3.66	-3.27	-3.39	2.40	11.00
5570MHz	Pass	5.07	-4.59	-4.49	-4.28	-4.69	1.44	11.00

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-BF_Nss1,(MCS0)_4TX PSD

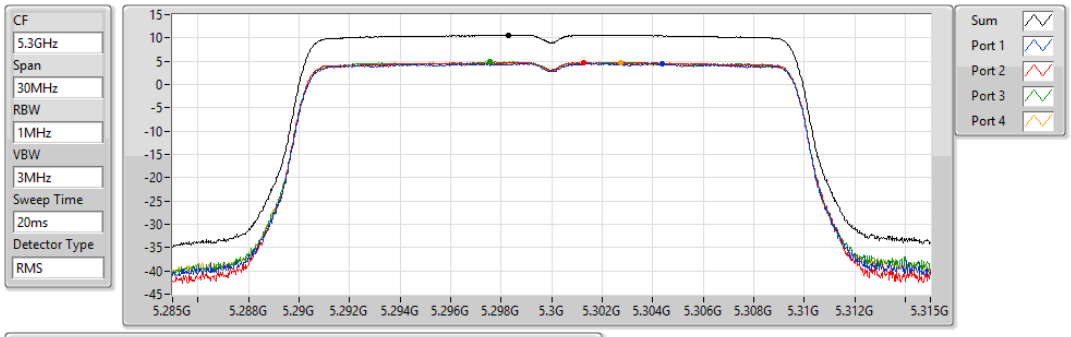
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	4.43	4.80	4.98	4.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

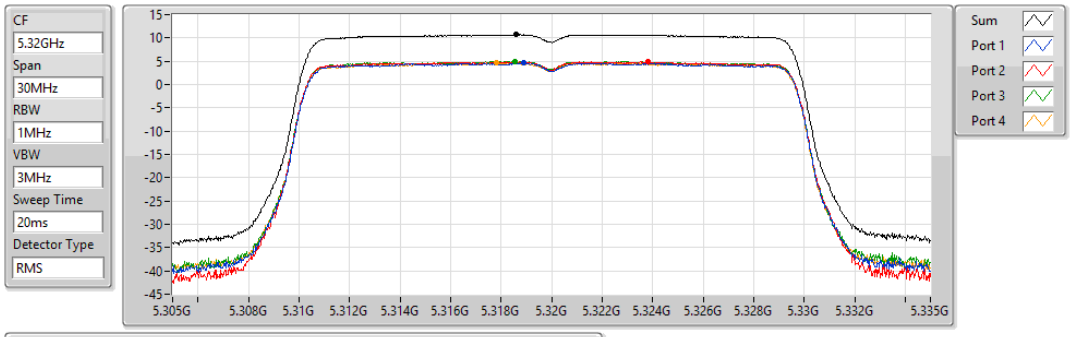
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.62	10.62	4.56	4.76	4.88	4.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

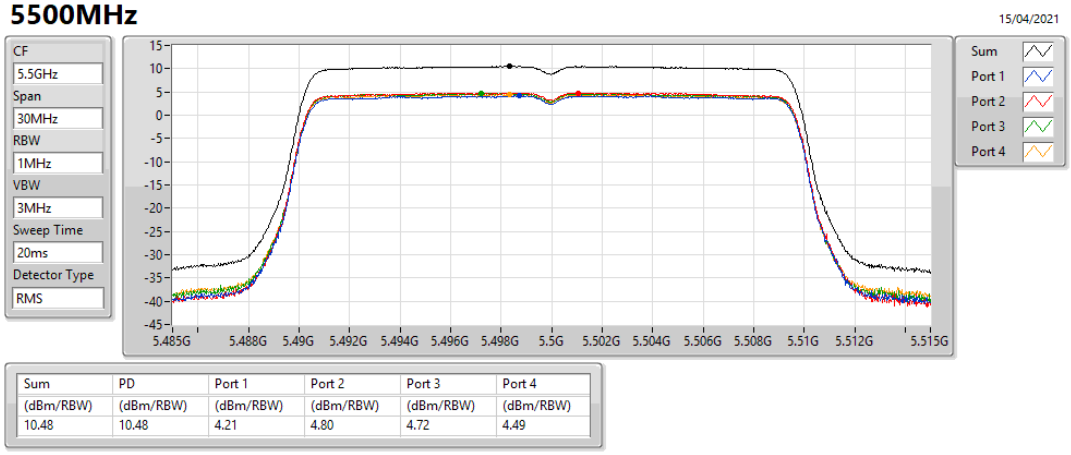
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	4.60	4.87	4.94	4.65

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

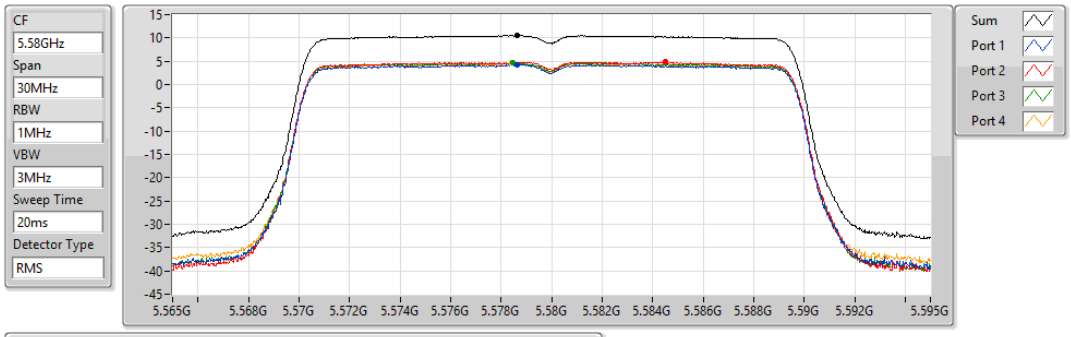
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	4.21	4.80	4.72	4.49

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

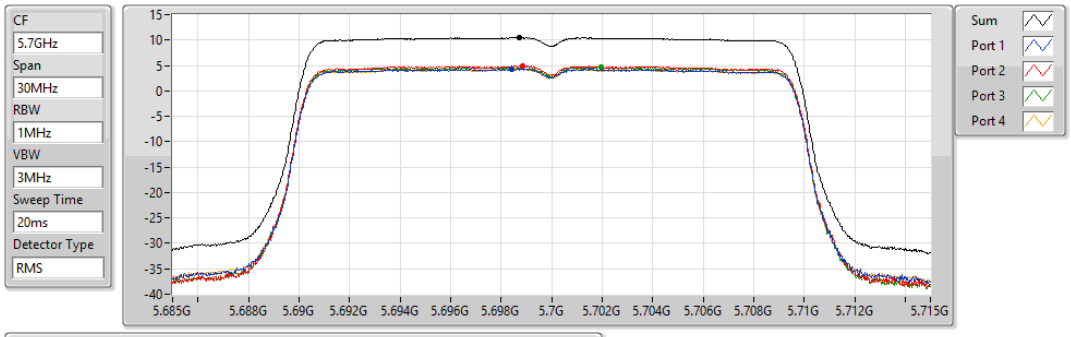
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.50	10.50	4.26	4.81	4.64	4.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

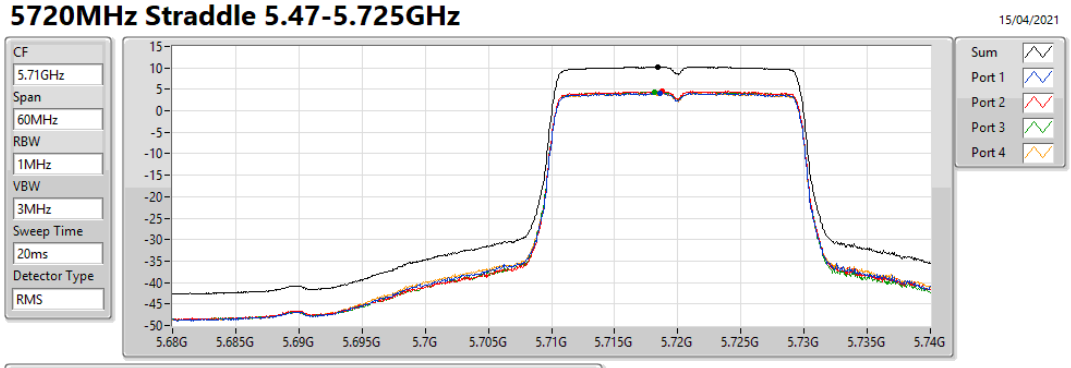
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.50	10.50	4.33	4.91	4.64	4.33

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

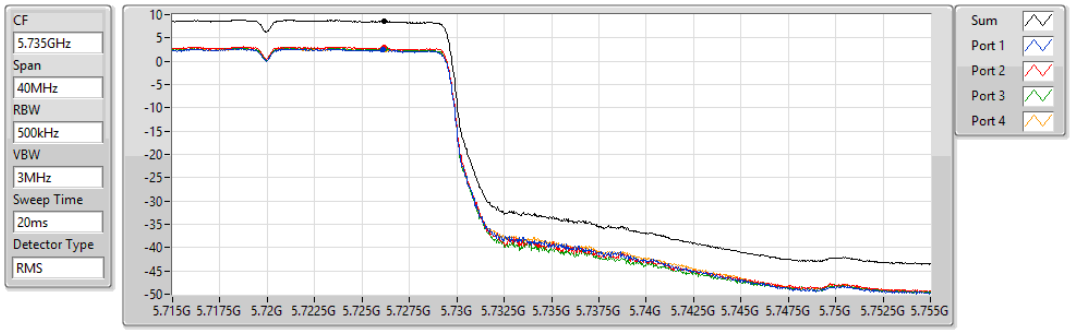
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.26	10.26	4.10	4.52	4.46	4.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

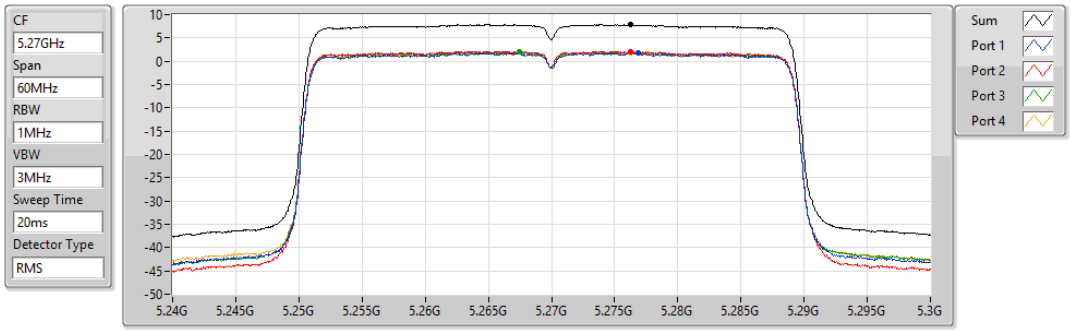
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.59	8.59	2.41	2.91	2.64	2.50

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

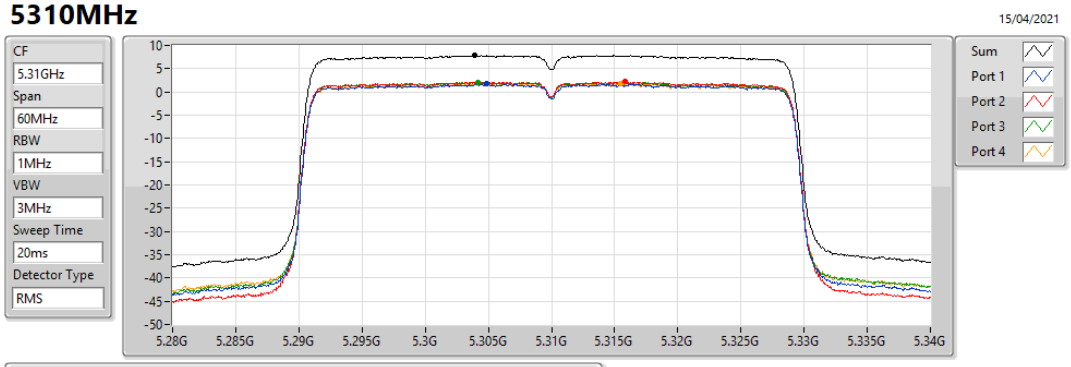
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	1.75	2.10	2.03	1.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

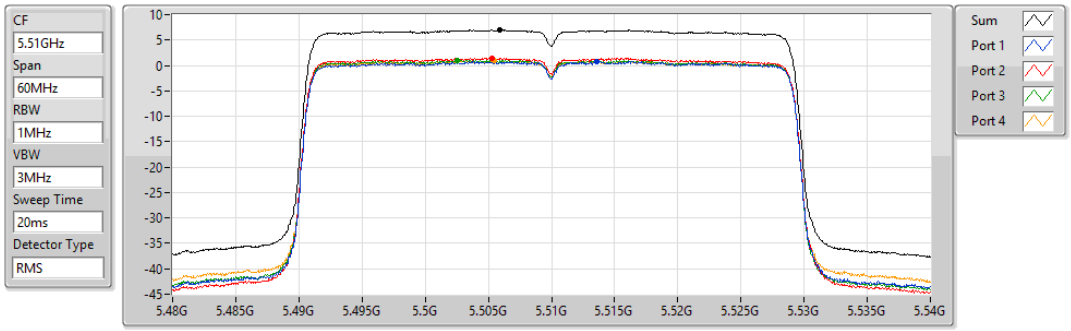
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.82	7.82	1.72	2.15	2.06	1.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

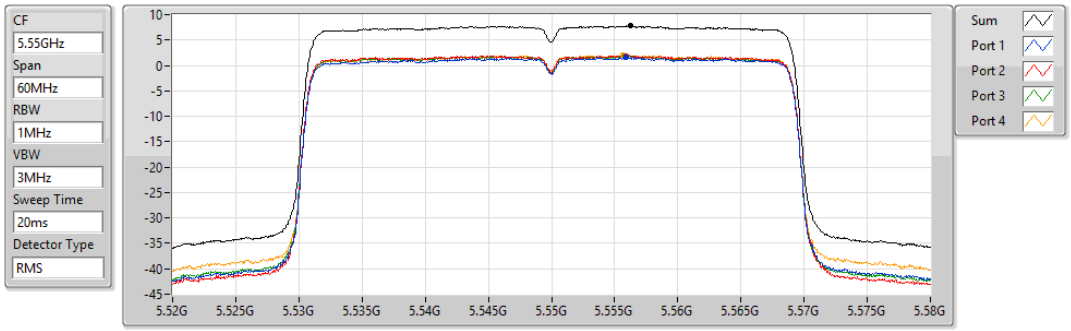
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	0.75	1.48	1.02	0.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

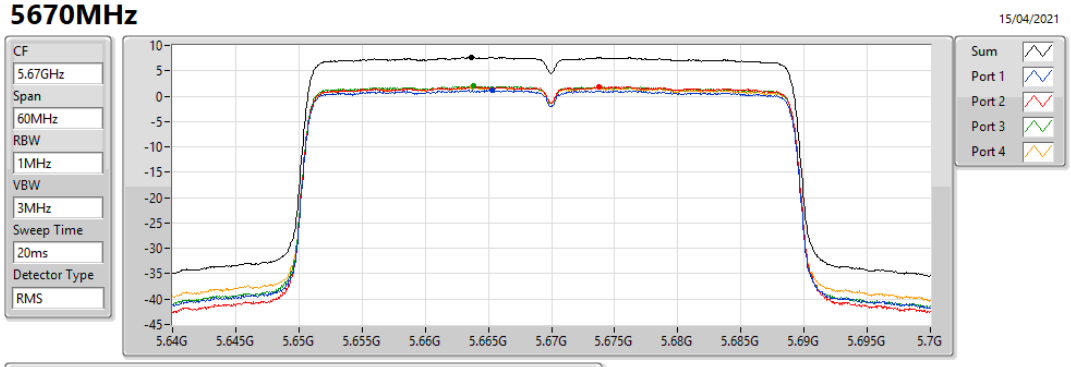
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.78	7.78	1.57	1.93	1.81	1.99

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

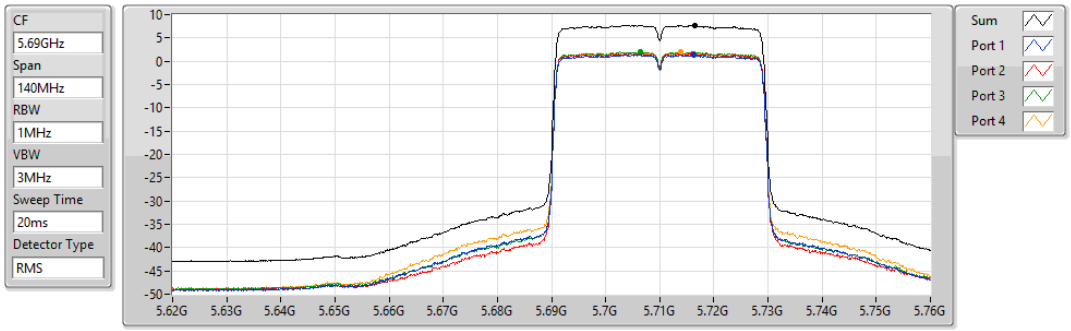
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	1.16	1.88	1.95	1.75

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

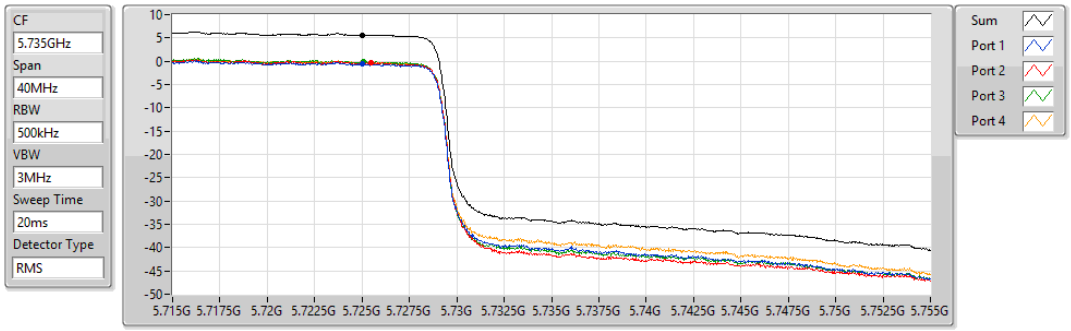
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	1.44	1.66	2.00	2.01

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

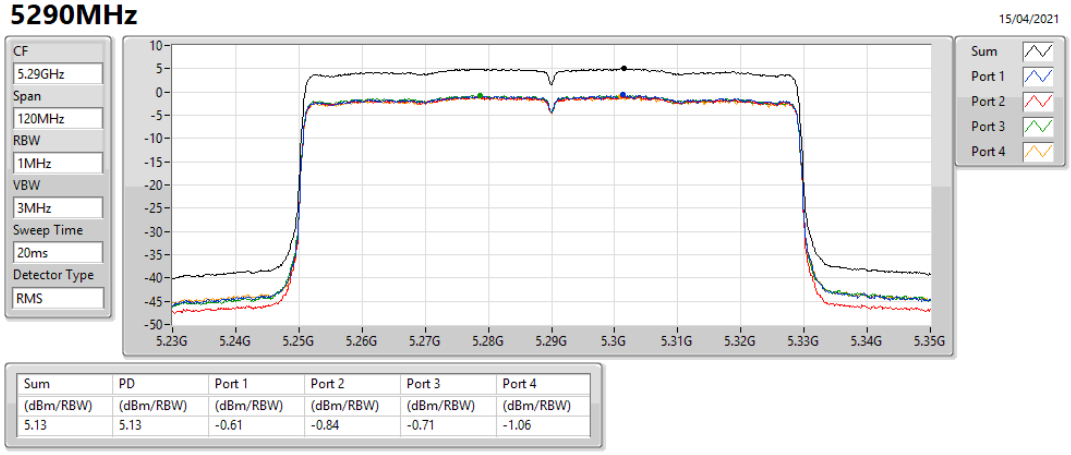
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.64	5.64	-0.61	-0.30	-0.16	-0.24

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

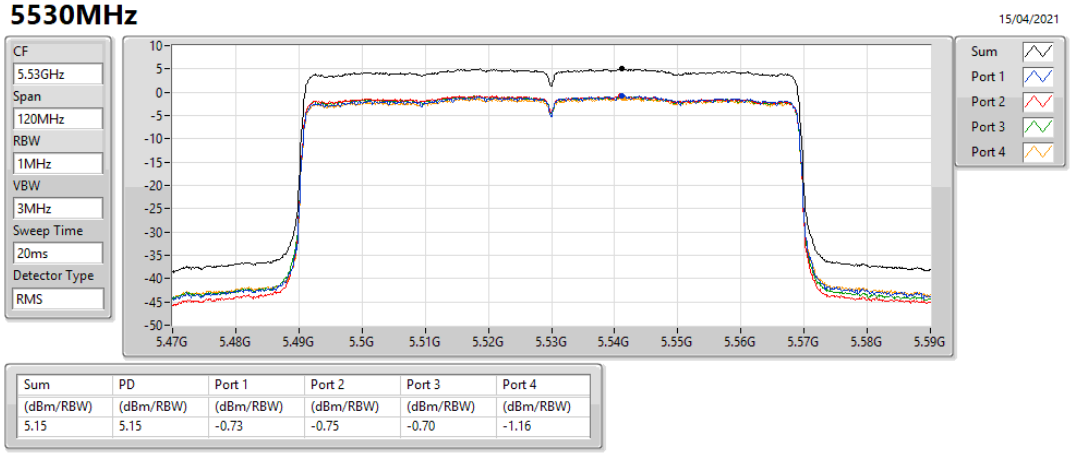
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.13	5.13	-0.61	-0.84	-0.71	-1.06

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

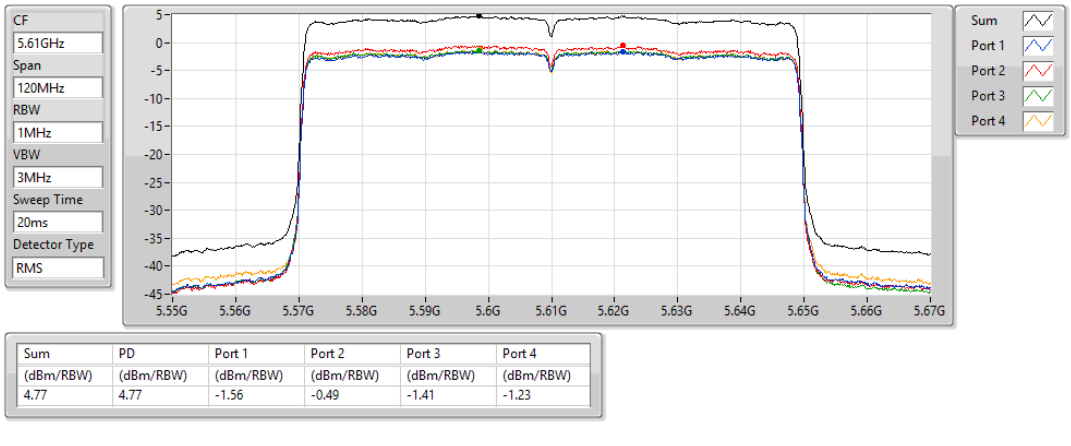
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.15	5.15	-0.73	-0.75	-0.70	-1.16

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

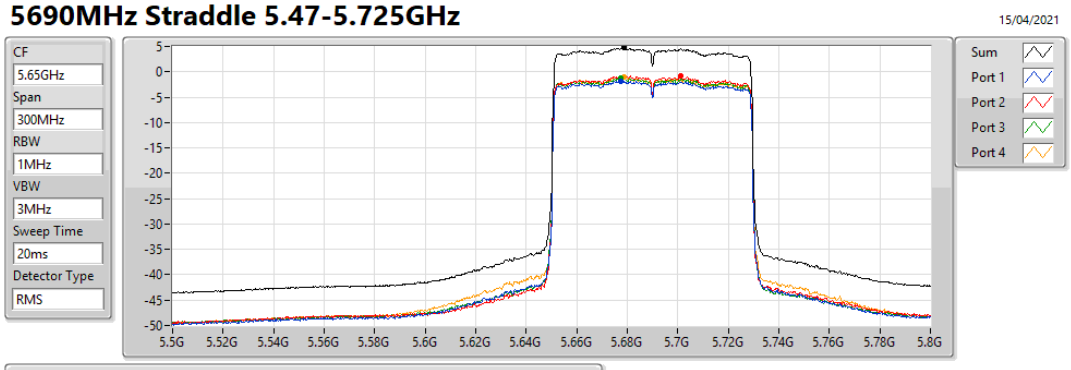
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	-1.56	-0.49	-1.41	-1.23

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

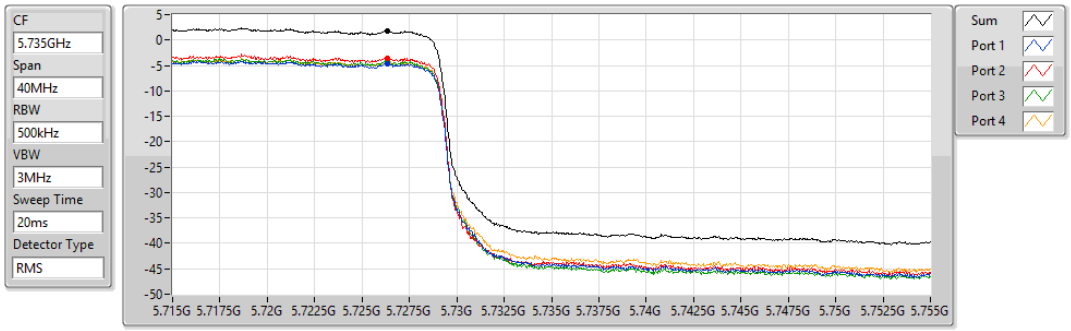
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	-1.81	-0.77	-1.29	-1.02

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

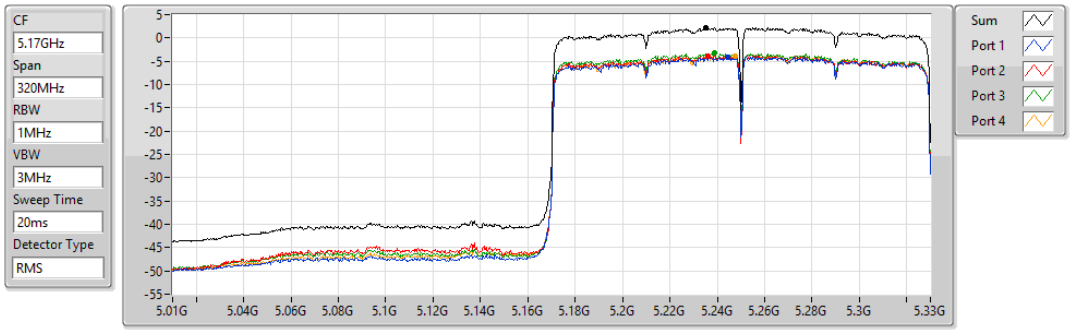
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.84	1.84	-4.60	-3.52	-4.21	-4.40

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

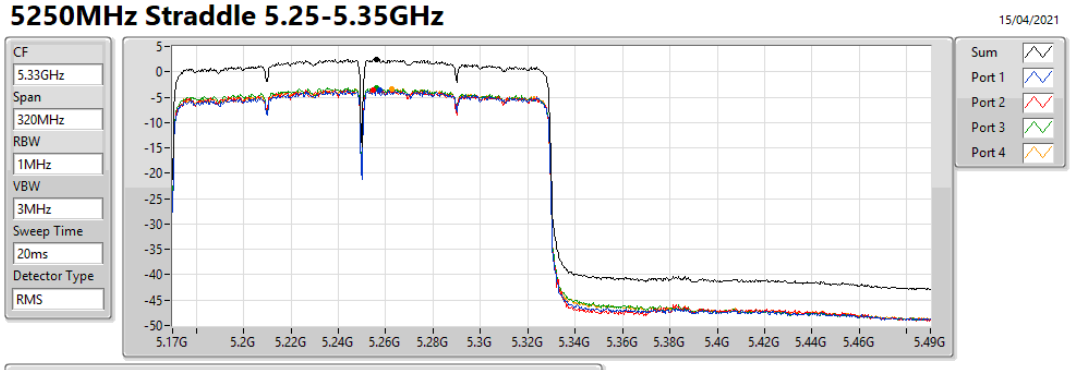
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.08	2.08	-4.05	-3.86	-3.24	-3.85

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

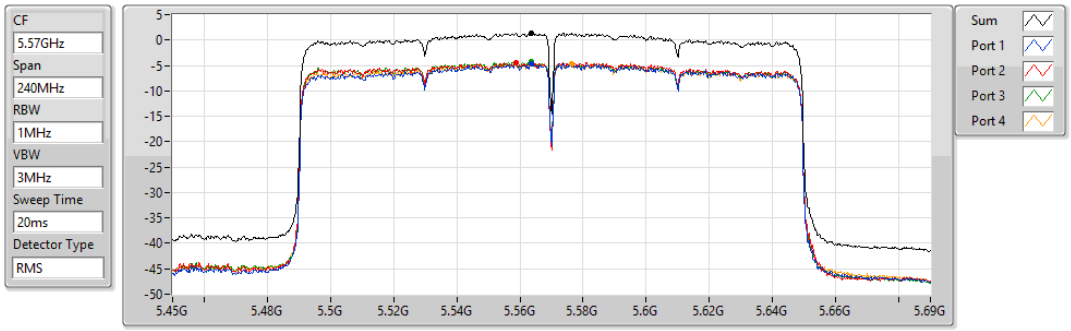
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.40	2.40	-3.68	-3.66	-3.27	-3.39

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5570MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.44	1.44	-4.59	-4.49	-4.28	-4.69

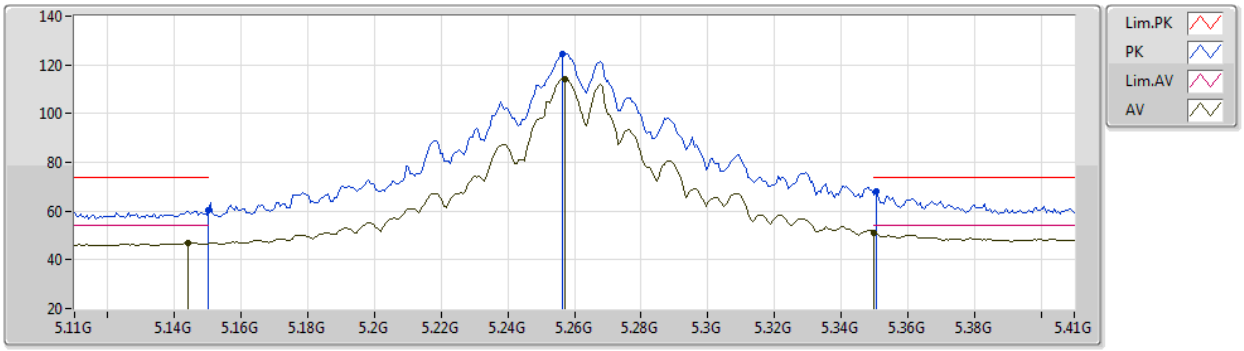
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	PK	5.85G	68.19	68.20	-0.01	3	Vertical	339	2.12	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

29/03/2021



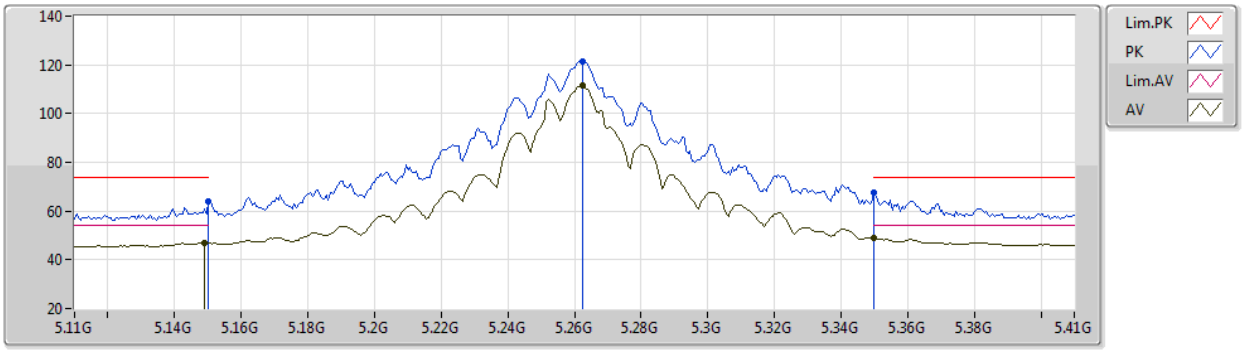
EUT Z_4TX
Setting 108
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	60.23	74.00	-13.77	53.46	3	Vertical	23	2.51	-	33.50	5.00	31.73
AV	5.1442G	46.98	54.00	-7.02	40.23	3	Vertical	23	2.51	-	33.49	4.99	31.73
PK	5.2564G	124.37	Inf	-Inf	117.34	3	Vertical	23	2.51	-	33.61	5.07	31.65
AV	5.257G	114.23	Inf	-Inf	107.20	3	Vertical	23	2.51	-	33.61	5.07	31.65
PK	5.3506G	68.10	74.00	-5.90	60.86	3	Vertical	23	2.51	-	33.80	5.02	31.58
AV	5.35G	50.93	54.00	-3.07	43.68	3	Vertical	23	2.51	-	33.80	5.03	31.58

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

29/03/2021



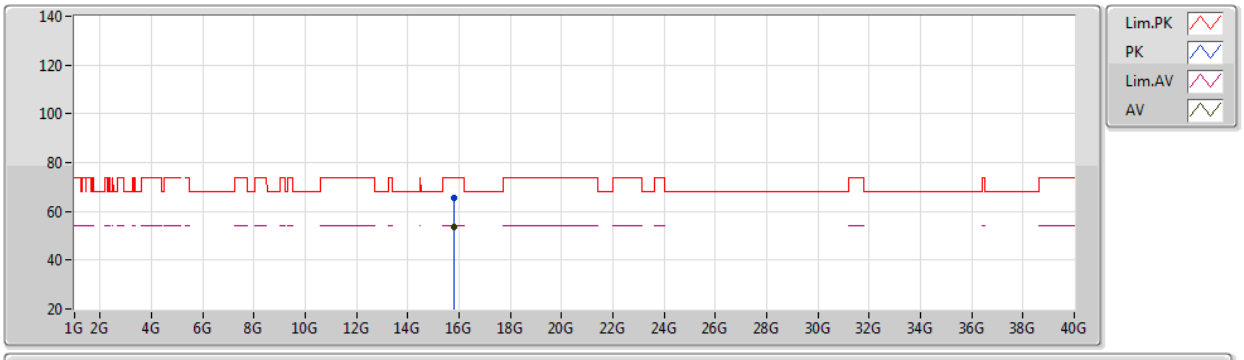
EUT Z_4TX
Setting 108
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	63.81	74.00	-10.19	57.04	3	Horizontal	350	1.36	-	33.50	5.00	31.73
AV	5.149G	47.14	54.00	-6.86	40.37	3	Horizontal	350	1.36	-	33.50	5.00	31.73
PK	5.2624G	121.30	Inf	-Inf	114.26	3	Horizontal	350	1.36	-	33.62	5.07	31.65
AV	5.2624G	111.57	Inf	-Inf	104.53	3	Horizontal	350	1.36	-	33.62	5.07	31.65
PK	5.35G	67.79	74.00	-6.21	60.54	3	Horizontal	350	1.36	-	33.80	5.03	31.58
AV	5.35G	48.75	54.00	-5.25	41.50	3	Horizontal	350	1.36	-	33.80	5.03	31.58

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

29/03/2021



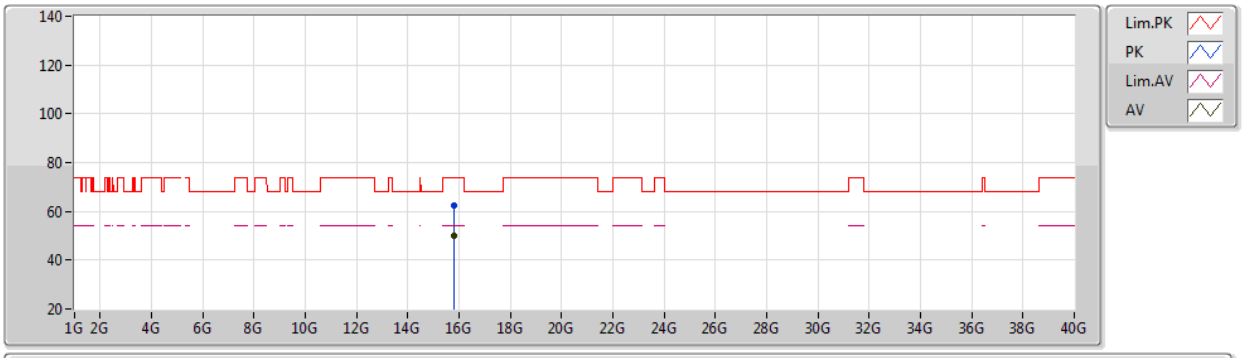
EUT Z_4TX
Setting 108
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7808G	65.64	74.00	-8.36	52.04	3	Vertical	8	2.17	-	37.34	9.12	32.86
AV	15.7822G	53.76	54.00	-0.24	40.16	3	Vertical	8	2.17	-	37.34	9.12	32.86

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

29/03/2021



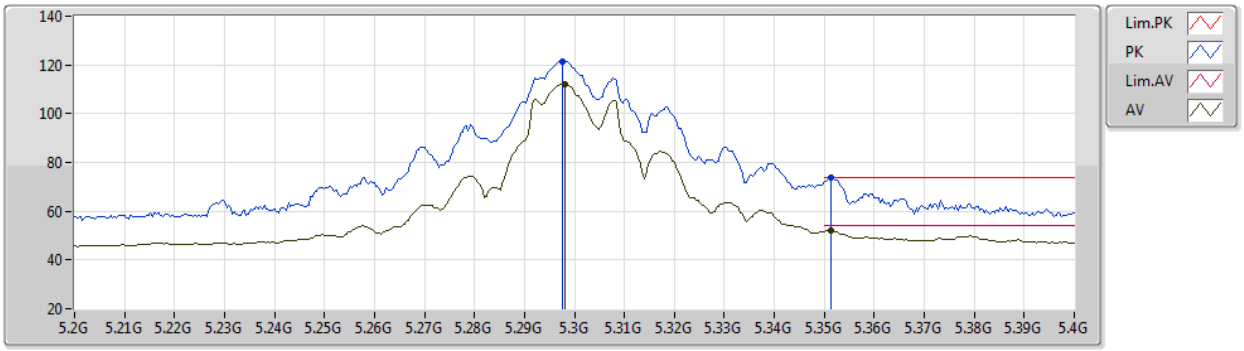
EUT Z_4TX
Setting 108
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.7814G	62.21	74.00	-11.79	48.61	3	Horizontal	9	2.01	-	37.34	9.12	32.86
AV	15.7818G	49.82	54.00	-4.18	36.22	3	Horizontal	9	2.01	-	37.34	9.12	32.86

802.11a_Nss1,(6Mbps)_4TX

29/03/2021

5300MHz_TX



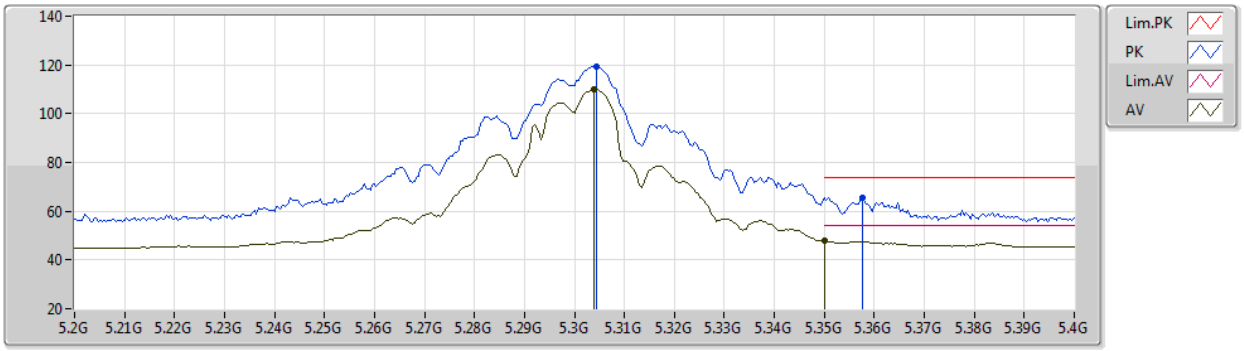
EUT Z_4TX
Setting 97
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2976G	121.48	Inf	-Inf	114.35	3	Vertical	24	2.73	-	33.70	5.05	31.62
AV	5.298G	112.27	Inf	-Inf	105.14	3	Vertical	24	2.73	-	33.70	5.05	31.62
PK	5.3512G	73.56	74.00	-0.44	66.32	3	Vertical	24	2.73	-	33.80	5.02	31.58
AV	5.3512G	52.09	54.00	-1.91	44.85	3	Vertical	24	2.73	-	33.80	5.02	31.58

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

29/03/2021



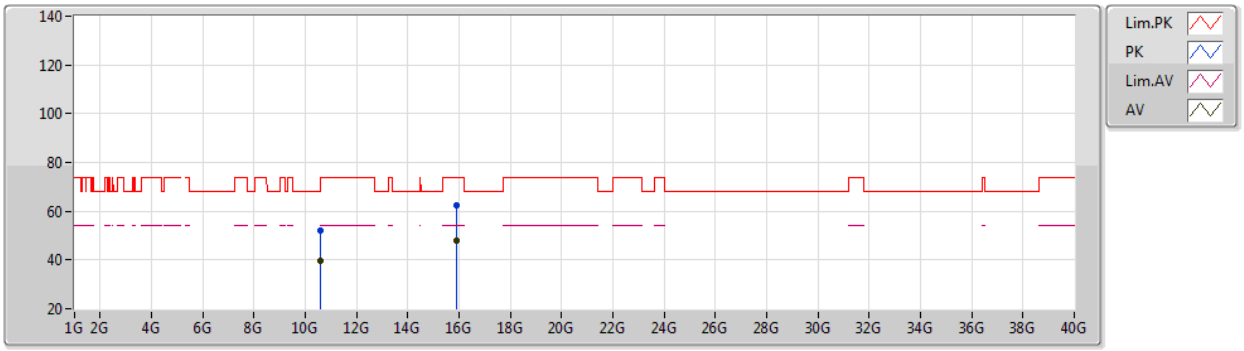
EUT Z_4TX
Setting 97
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3044G	119.48	Inf	-Inf	112.33	3	Horizontal	20	2.67	-	33.71	5.05	31.61
AV	5.304G	110.18	Inf	-Inf	103.04	3	Horizontal	20	2.67	-	33.71	5.05	31.62
PK	5.3576G	65.71	74.00	-8.29	58.47	3	Horizontal	20	2.67	-	33.80	5.02	31.58
AV	5.35G	47.88	54.00	-6.12	40.63	3	Horizontal	20	2.67	-	33.80	5.03	31.58

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

29/03/2021



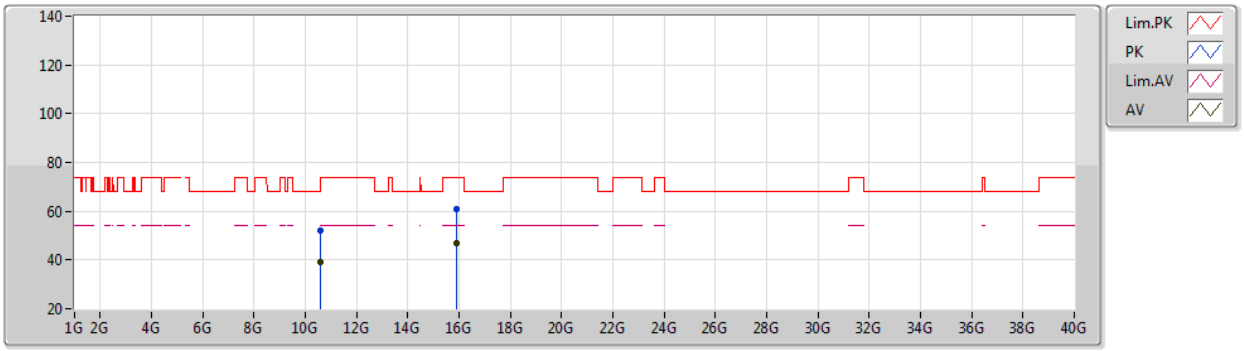
EUT Z_4TX
Setting 97
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.59634G	52.27	68.20	-15.93	39.05	3	Vertical	3	1.50	-	38.50	7.31	32.59
AV	10.60822G	39.46	54.00	-14.54	26.26	3	Vertical	3	1.50	-	38.49	7.31	32.60
PK	15.90156G	62.38	74.00	-11.62	48.78	3	Vertical	9	2.15	-	37.30	9.17	32.87
AV	15.90156G	47.91	54.00	-6.09	34.31	3	Vertical	9	2.15	-	37.30	9.17	32.87

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

29/03/2021



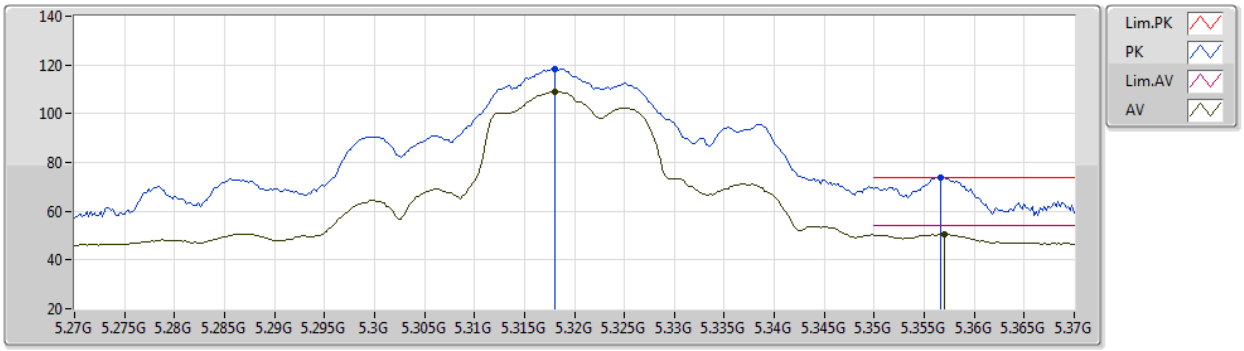
EUT Z_4TX
Setting 97
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5895G	52.17	68.20	-16.03	38.95	3	Horizontal	105	2.75	-	38.50	7.31	32.59
AV	10.6039G	39.09	54.00	-14.91	25.87	3	Horizontal	105	2.75	-	38.50	7.31	32.59
PK	15.90144G	60.77	74.00	-13.23	47.17	3	Horizontal	43	2.08	-	37.30	9.17	32.87
AV	15.90132G	46.64	54.00	-7.36	33.04	3	Horizontal	43	2.08	-	37.30	9.17	32.87

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

29/03/2021



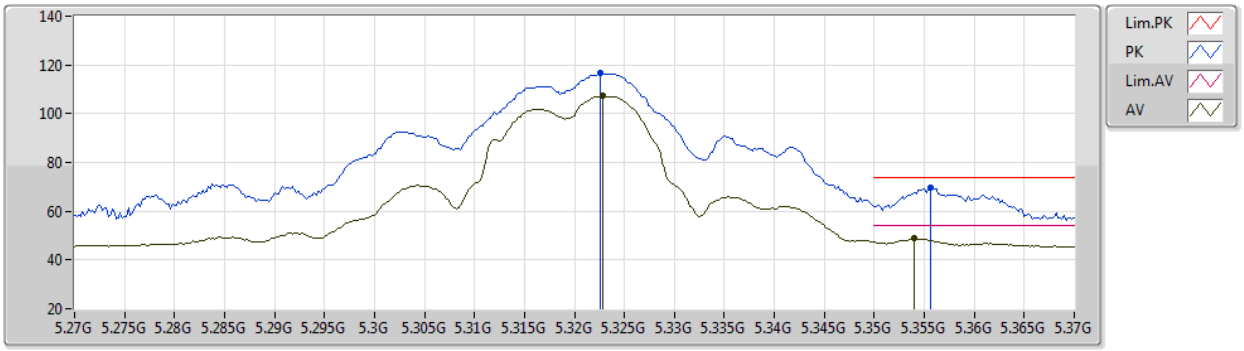
EUT Z_4TX
Setting 87
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.318G	118.32	Inf	-Inf	111.14	3	Vertical	38	2.31	-	33.74	5.04	31.60
AV	5.318G	109.07	Inf	-Inf	101.89	3	Vertical	38	2.31	-	33.74	5.04	31.60
PK	5.3566G	73.76	74.00	-0.24	66.52	3	Vertical	38	2.31	-	33.80	5.02	31.58
AV	5.357G	50.62	54.00	-3.38	43.38	3	Vertical	38	2.31	-	33.80	5.02	31.58

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

29/03/2021



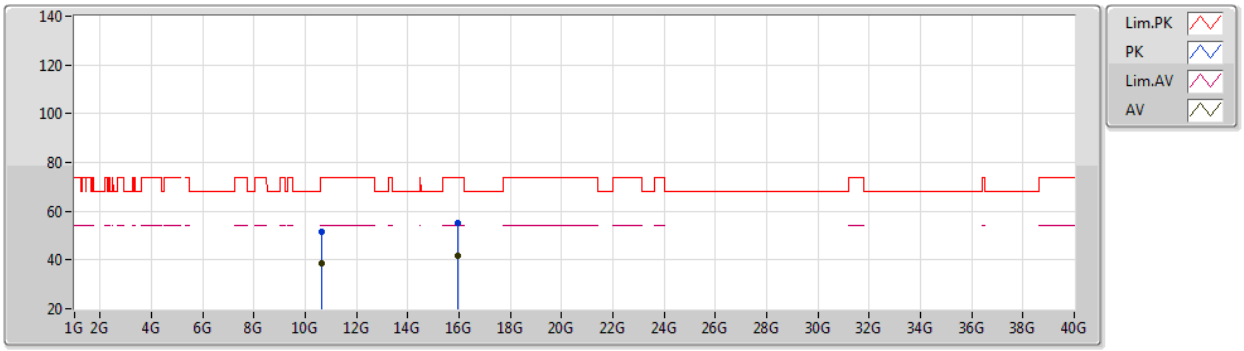
EUT Z_4TX
Setting 87
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3226G	116.87	Inf	-Inf	109.68	3	Horizontal	19	2.67	-	33.75	5.04	31.60
AV	5.3228G	107.24	Inf	-Inf	100.05	3	Horizontal	19	2.67	-	33.75	5.04	31.60
PK	5.3556G	69.40	74.00	-4.60	62.16	3	Horizontal	19	2.67	-	33.80	5.02	31.58
AV	5.354G	48.74	54.00	-5.26	41.50	3	Horizontal	19	2.67	-	33.80	5.02	31.58

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

29/03/2021



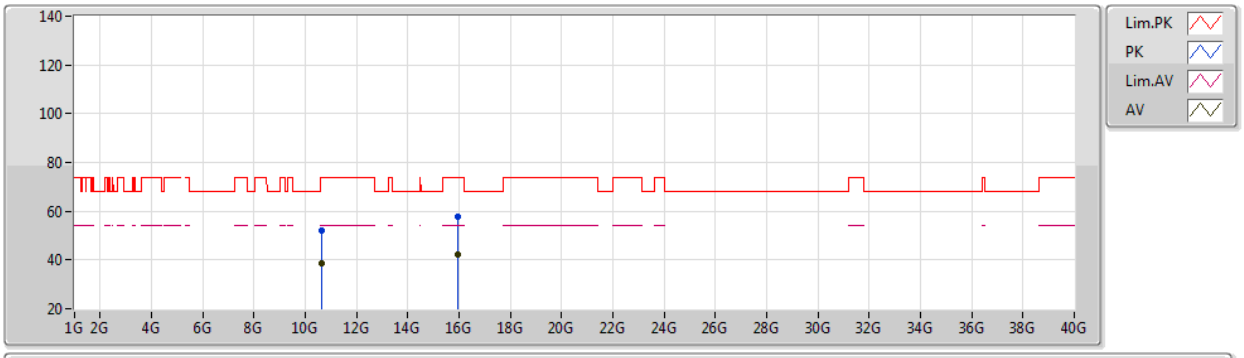
EUT Z_4TX
Setting 87
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.62662G	51.68	74.00	-22.32	38.49	3	Vertical	254	2.53	-	38.47	7.32	32.60
AV	10.62956G	38.76	54.00	-15.24	25.57	3	Vertical	254	2.53	-	38.47	7.32	32.60
PK	15.959G	55.16	74.00	-18.84	41.49	3	Vertical	60	1.80	-	37.36	9.19	32.88
AV	15.9582G	41.50	54.00	-12.50	27.83	3	Vertical	60	1.80	-	37.36	9.19	32.88

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

29/03/2021



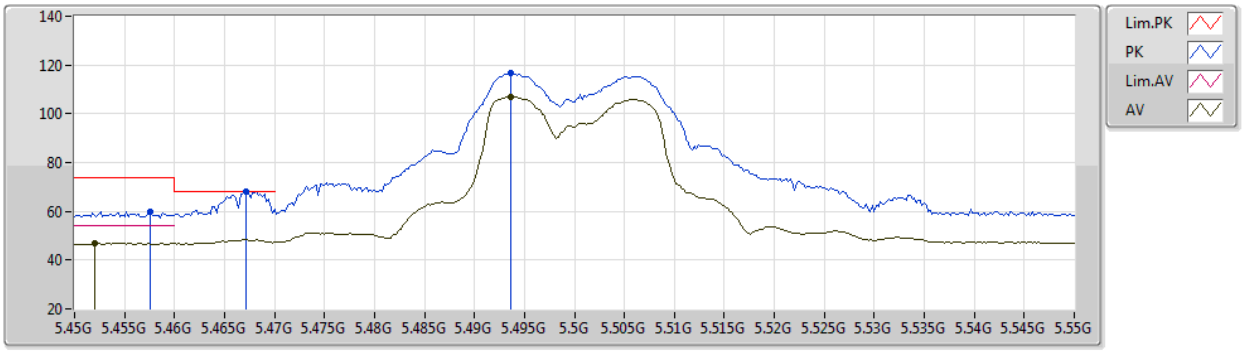
EUT Z_4TX
Setting 87
02-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.65338G	52.04	74.00	-21.96	38.87	3	Horizontal	314	1.80	-	38.45	7.33	32.61
AV	10.65284G	38.80	54.00	-15.20	25.63	3	Horizontal	314	1.80	-	38.45	7.33	32.61
PK	15.9612G	57.98	74.00	-16.02	44.31	3	Horizontal	42	2.08	-	37.36	9.19	32.88
AV	15.9612G	42.31	54.00	-11.69	28.64	3	Horizontal	42	2.08	-	37.36	9.19	32.88

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

29/03/2021



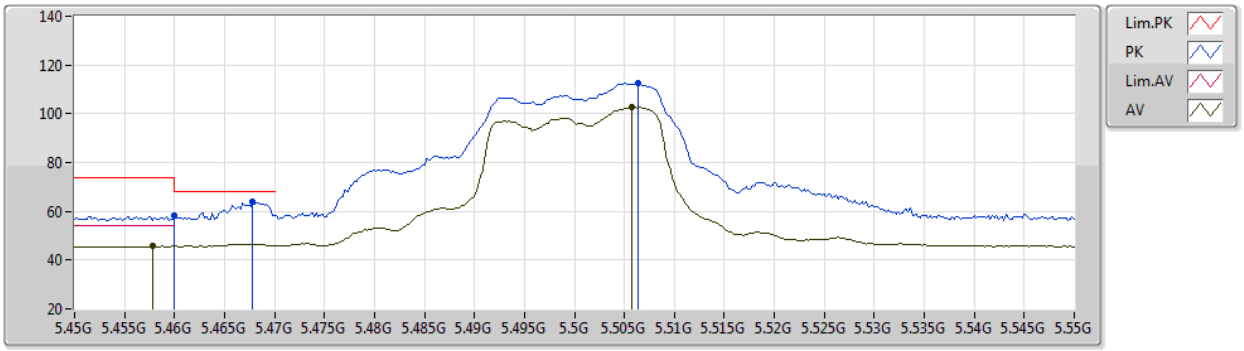
EUT Z_4TX
Setting 77
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4576G	59.73	74.00	-14.27	52.19	3	Vertical	346	2.22	-	33.98	5.06	31.50
AV	5.452G	46.84	54.00	-7.16	39.30	3	Vertical	346	2.22	-	34.00	5.05	31.51
PK	5.4672G	68.09	68.20	-0.11	60.54	3	Vertical	346	2.22	-	33.97	5.07	31.49
PK	5.4936G	116.47	Inf	-Inf	108.94	3	Vertical	346	2.22	-	33.91	5.09	31.47
AV	5.4936G	107.03	Inf	-Inf	99.50	3	Vertical	346	2.22	-	33.91	5.09	31.47

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

29/03/2021



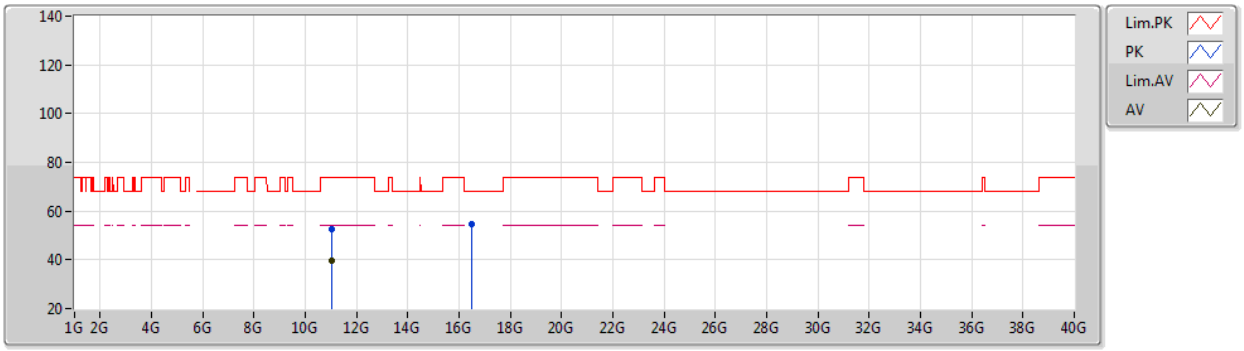
EUT Z_4TX
Setting 77
02-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.46G	58.42	74.00	-15.58	50.88	3	Horizontal	92	2.49	-	33.98	5.06	31.50
AV	5.4578G	45.82	54.00	-8.18	38.28	3	Horizontal	92	2.49	-	33.98	5.06	31.50
PK	5.4678G	64.13	68.20	-4.07	56.59	3	Horizontal	92	2.49	-	33.96	5.07	31.49
PK	5.5064G	112.55	Inf	-Inf	105.01	3	Horizontal	92	2.49	-	33.90	5.11	31.47
AV	5.5058G	102.77	Inf	-Inf	95.23	3	Horizontal	92	2.49	-	33.90	5.11	31.47

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

29/03/2021



EUT Z_4TX
Setting 77
02-B-R-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01176G	52.76	74.00	-21.24	39.56	3	Vertical	49	1.80	-	38.51	7.45	32.76
AV	11.01416G	39.49	54.00	-14.51	26.29	3	Vertical	49	1.80	-	38.51	7.45	32.76
PK	16.49412G	54.86	68.20	-13.34	39.79	3	Vertical	340	1.80	-	38.78	9.25	32.96