Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	S9GT750
Equipment	:	Access point
Brand Name	:	RUCKUS
Model Name	:	T750SE
Applicant	:	Ruckus Wireless Inc. 350 W. Java Dr., Sunnyvale CA 94089 USA
Manufacturer	:	Ruckus Wireless Inc. 350 W. Java Dr., Sunnyvale CA 94089 USA
Standard	:	47 CFR FCC Part 15.407

The product was received on Jun. 30, 2020, and testing was started from Jun. 30, 2020 and completed on Aug. 24, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications 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. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR971655-04AB	01	Initial issue of report	Sep. 10, 2020

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.3	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n HT20, ac VHT20, ax HEW20	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n HT40, ac VHT40, ax HEW40	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac VHT80, ax HEW80	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]
5150-5350	ac VHT160 (80+80), ax HEW160 (80+80	5210+5290	42+58 [1]
5470-5725		5530+5610	106+122 [1]

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

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

Band	Mode	BWch (MHz)	Nant
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	80+80	4TX
5.47-5.725GHz	802.11ac VHT160-BF	80+80	4TX
5.47-5.725GHz	802.11ax HEW160	80+80	4TX
5.47-5.725GHz	802.11ax HEW160-BF	80+80	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
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(80+80) use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- HEW20, HEW40, HEW80 and HEW160(80+80) use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Table for 160(80+80) MHz Mode

Type	Channel No.	Frequency
1	42+58	5210+5290 MHz
2	106+122	5530+5610 MHz

1.1.3 Antenna Information

Set	Port	Antenna Polarization	Brand	Model Name	Antenna Type	Connector	Gain (dBi)		Remark
							2.4GHz	5GHz	
1	1	V	Laird	PDM245115H	MIMO Antenna	N Type	14	14.5	External
	2	H							
	3	H							
	4	V							
2	1	V	Ruckus	Sector Plane	PCB 4 Element Dipole Array	I-PEX	6	8	Internal
	2	H							
	3	H							
	4	V							

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has two sets of antennas.

Note 3: V means Vertical. H means Horizontal.

For 2.4GHz function:

For IEEE 802.11b/g/n/ax mode (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.

For 5GHz function:

For IEEE 802.11a/n/ac/ax mode (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.

1.1.4 Mode Test Duty Cycle

For External antenna

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.942	0.26	1.978m	1k
802.11ax HEW20	0.942	0.26	1.98m	1k
802.11ax HEW20-BF	0.942	0.26	1.98m	1k
802.11ax HEW40	0.961	0.17	5.448m	300
802.11ax HEW40-BF	0.961	0.17	5.448m	300
802.11ax HEW80	0.957	0.19	5.448m	300
802.11ax HEW80-BF	0.957	0.19	5.448m	300
802.11ax HEW160(80+80)	0.963	0.16	5.448m	300
802.11ax HEW160(80+80)-BF	0.963	0.16	5.448m	300

For Internal antenna

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.941	0.26	1.978m	1k
802.11ax HEW20	0.964	0.16	5.448m	300
802.11ax HEW20-BF	0.964	0.16	5.448m	300
802.11ax HEW40	0.951	0.22	5.448m	300
802.11ax HEW40-BF	0.951	0.22	5.448m	300
802.11ax HEW80	0.936	0.29	5.448m	300
802.11ax HEW80-BF	0.936	0.29	5.448m	300
802.11ax HEW160(80+80)	0.963	0.16	5.448m	300
802.11ax HEW160(80+80)-BF	0.963	0.16	5.448m	300

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

1.1.5 EUT Operational Condition

EUT Power Type	From AC power or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/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	Putty v0.62			

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Supports Functions:

Function	Support Type
AP Router	Master
Mesh	Master

1.1.7 Table for Class II Change

This product is an extension of original one reported under Sporton project number: 971655

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

Modifications	Performance Checking
Add a new model “T750SE”, which change the internal antenna, add the external antenna and add 160MHz.	It was performed for all tests.

1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

Testing Location			
☐	HWA YA	ADD :	No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)
		TEL :	886-3-327-3456 FAX : 886-3-327-0973
☒	JHUBEI	ADD :	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
		TEL :	886-3-656-9065 FAX : 886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH03-CB	Ekko Hsieh	25.1-28.7°C / 40-41%	Jul. 03, 2020 ~ Jul. 04, 2020
Radiated (Emissions in Restricted Frequency Bands below 1GHz-External antenna)	03CH05-CB	Eason Chen	24.1-24.9°C / 55-56 %	Jun. 30, 2020 ~ Aug. 24, 2020
	03CH06-CB	Eason Chen	23.6-25.7°C / 54-56 %	
Radiated (Emissions in Restricted Frequency Bands below 1GHz-Internal antenna)	03CH05-CB	Eason Chen	24.1-25.8°C / 54-56%	Jun. 30, 2020 ~ Aug. 24, 2020
Radiated (Emissions in Restricted Frequency Bands above 1GHz-External antenna-for other)	03CH03-CB	Eason Chen	24.6-24.8°C / 53-56%	Jun. 30, 2020 ~ Aug. 24, 2020
Radiated (Emissions in Restricted Frequency Bands above 1GHz-External antenna-for 160(80+80))	03CH03-CB	Eason Chen	23.6-25.7°C / 55-56%	
Radiated (Emissions in Restricted Frequency Bands above 1GHz-Internal antenna-for other)	03CH06-CB	Eason Chen	23.5-25.8°C / 53-57%	Jun. 30, 2020 ~ Aug. 24, 2020
Radiated (Emissions in Restricted Frequency Bands above 1GHz-Internal antenna- for 160(80+80))	03CH06-CB	Eason Chen	23.6-25.3°C / 55-56%	

Radiated (Radiated Emission Co-location-External antenna)	03CH01-CB	Eason Chen	24.5-25.7°C / 53-58%	Jun. 30, 2020 ~ Aug. 24, 2020
Radiated (Radiated Emission Co-location-Internal antenna)	03CH05-CB	Eason Chen	24.4-25.3C / 53-56%	Jun. 30, 2020 ~ Aug. 24, 2020
AC Conduction	CO01-CB	GN Hou	20~22C / 63~65%	Aug. 05, 2020 ~ Aug. 10, 2020

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 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	0.39%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For External antenna

Mode	Power Setting
802.11a_(6Mbps)_4TX	-
5180MHz	27
5200MHz	26
5240MHz	26
5260MHz	9
5300MHz	11
5320MHz	11
5500MHz	11
5580MHz	11
5700MHz	11
5720MHz Straddle 5.47-5.725GHz	11
5720MHz Straddle 5.725-5.85GHz	11
5745MHz	34
5785MHz	35
5825MHz	34
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	29
5200MHz	28
5240MHz	27
5260MHz	11
5300MHz	12
5320MHz	13
5500MHz	12
5580MHz	13
5700MHz	12
5720MHz Straddle 5.47-5.725GHz	12
5720MHz Straddle 5.725-5.85GHz	12
5745MHz	35
5785MHz	35
5825MHz	35
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	32
5230MHz	31
5270MHz	18
5310MHz	18

Mode	Power Setting
5510MHz	18
5550MHz	18
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	18
5710MHz Straddle 5.725-5.85GHz	18
5755MHz	33
5795MHz	33
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	30
5290MHz	18
5530MHz	18
5610MHz	18
5690MHz Straddle 5.47-5.725GHz	17
5690MHz Straddle 5.725-5.85GHz	17
5775MHz	33
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	29
5200MHz	28
5240MHz	27
5260MHz	11
5300MHz	12
5320MHz	13
5500MHz	12
5580MHz	13
5700MHz	12
5720MHz Straddle 5.47-5.725GHz	12
5720MHz Straddle 5.725-5.85GHz	12
5745MHz	29
5785MHz	29
5825MHz	29
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	26
5230MHz	25
5270MHz	12
5310MHz	12
5510MHz	12
5550MHz	12
5670MHz	12
5710MHz Straddle 5.47-5.725GHz	12
5710MHz Straddle 5.725-5.85GHz	12

Mode	Power Setting
5755MHz	27
5795MHz	27
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	26
5290MHz	12
5530MHz	12
5610MHz	12
5690MHz Straddle 5.47-5.725GHz	11
5690MHz Straddle 5.725-5.85GHz	11
5775MHz	27
802.11ax HEW160(80+80)_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	27
5210MHz,#5290MHz	27
802.11ax HEW160(80+80)_Nss2,(MCS0)_4TX	-
#5530MHz,#5610MHz	18
802.11ax HEW160(80+80)-BF_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	18
5210MHz,#5290MHz	18
802.11ax HEW160(80+80)-BF_Nss2,(MCS0)_4TX	-
#5530MHz,#5610MHz	13

For Internal antenna

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	40
5200MHz	38
5240MHz	38
5260MHz	26
5300MHz	27
5320MHz	28
5500MHz	26
5580MHz	27
5700MHz	27
5720MHz Straddle 5.47-5.725GHz	28
5720MHz Straddle 5.725-5.85GHz	28
5745MHz	43
5785MHz	43
5825MHz	43
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	41
5200MHz	41
5240MHz	40
5260MHz	28
5300MHz	29
5320MHz	29
5500MHz	28
5580MHz	29
5700MHz	29
5720MHz Straddle 5.47-5.725GHz	30
5720MHz Straddle 5.725-5.85GHz	30
5745MHz	41
5785MHz	40
5825MHz	43
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	28
5230MHz	43
5270MHz	31
5310MHz	32
5510MHz	30
5550MHz	30
5670MHz	31
5710MHz Straddle 5.47-5.725GHz	33

Mode	Power Setting
5710MHz Straddle 5.725-5.85GHz	33
5755MHz	43
5795MHz	42
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	30
5290MHz	32
5530MHz	31
5610MHz	31
5690MHz Straddle 5.47-5.725GHz	33
5690MHz Straddle 5.725-5.85GHz	33
5775MHz	44
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	40
5200MHz	39
5240MHz	38
5260MHz	27
5300MHz	28
5320MHz	28
5500MHz	26
5580MHz	27
5700MHz	27
5720MHz Straddle 5.47-5.725GHz	30
5720MHz Straddle 5.725-5.85GHz	30
5745MHz	40
5785MHz	40
5825MHz	40
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	28
5230MHz	37
5270MHz	24
5310MHz	25
5510MHz	24
5550MHz	25
5670MHz	25
5710MHz Straddle 5.47-5.725GHz	27
5710MHz Straddle 5.725-5.85GHz	27
5755MHz	38
5795MHz	38
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	30

Mode	Power Setting
5290MHz	26
5530MHz	25
5610MHz	26
5690MHz Straddle 5.47-5.725GHz	27
5690MHz Straddle 5.725-5.85GHz	27
5775MHz	38
802.11ax HEW160(80+80)_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	29
5210MHz,#5290MHz	29
802.11ax HEW160(80+80)_Nss2,(MCS0)_4TX	-
#5530MHz,#5610MHz	29
802.11ax HEW160(80+80)-BF_Nss1,(MCS0)_4TX	-
#5210MHz,5290MHz	29
5210MHz,#5290MHz	29
802.11ax HEW160(80+80)-BF_Nss2,(MCS0)_4TX	-
#5530MHz,#5610MHz	24

Note:
- The EUT supports beamforming and CDD modes for 2.4GHz: 802.11n/ax, 5GHz: 802.11n/ac/ax, and the CDD mode is the worst case. Therefore, all test items are evaluated in the report. The beamforming mode only evaluates the output power.

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	CTX
1	EUT with External antenna
2	EUT with Internal antenna

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
For External antenna The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. **For Internal antenna** The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT at Y-axis-WLAN 2.4GHz + PoE + Internal antenna
2	EUT at Y-axis-WLAN 2.4GHz + AC power + Internal antenna
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3~5 will follow this same test mode	

3	EUT at Y-axis-WLAN 5GHz + PoE + Internal antenna
4	EUT at Z-axis-WLAN 2.4GHz + PoE + External antenna
5	EUT at Z-axis-WLAN 5GHz + PoE + External antenna
For operating mode 4 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
For External antenna The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. **For Internal antenna** The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT at Z-axis + External antenna
2	EUT at Y-axis + Internal antenna

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
For External antenna The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. **For Internal antenna** The EUT was performed at Y axis and Z axis position for Emissions in Restricted Frequency Bands above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT at Z-axis+External antenna-WLAN 2.4GHz+WLAN 5GHz
2	EUT at Y-axis+Internal antenna-WLAN 2.4GHz+WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	External antenna-WLAN 2.4GHz+WLAN 5GHz+Bluetooth+Zigbee
2	Internal antenna-WLAN 2.4GHz+WLAN 5GHz+Bluetooth+Zigbee
Refer to Sporton Test Report No.: FA971655-04 for Co-location RF Exposure Evaluation.	

Note:
The PoE is for measurement only, would not be marketed.

Support Unit	Brand	Model
PoE	Ruckus	GRT-480125A(740-64284-001)

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

Accessories
Antenna cable*4

2.5 Support Equipment

For AC Conduction:

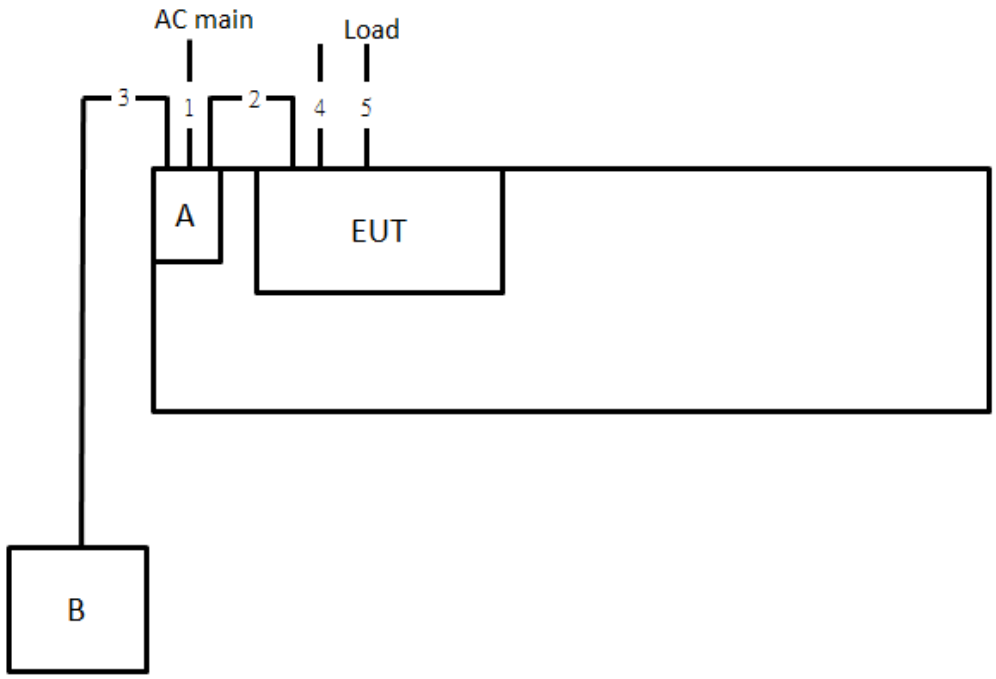
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	PoE	Ruckus	GRT-480125A (740-64284-001)	N/A
B	LAN NB	DELL	E6430	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	PoE	Ruckus	GRT-480125A (740-64284-001)	N/A

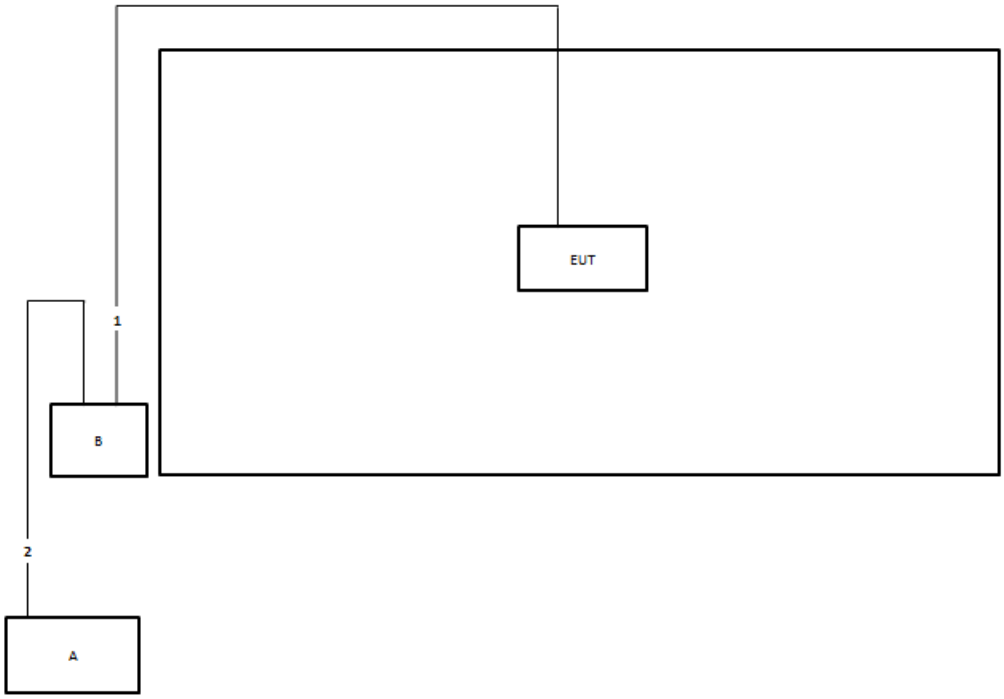
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	1.5m
3	RJ-45 cable	No	10m
4	Ground cable	No	0.8m
5	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

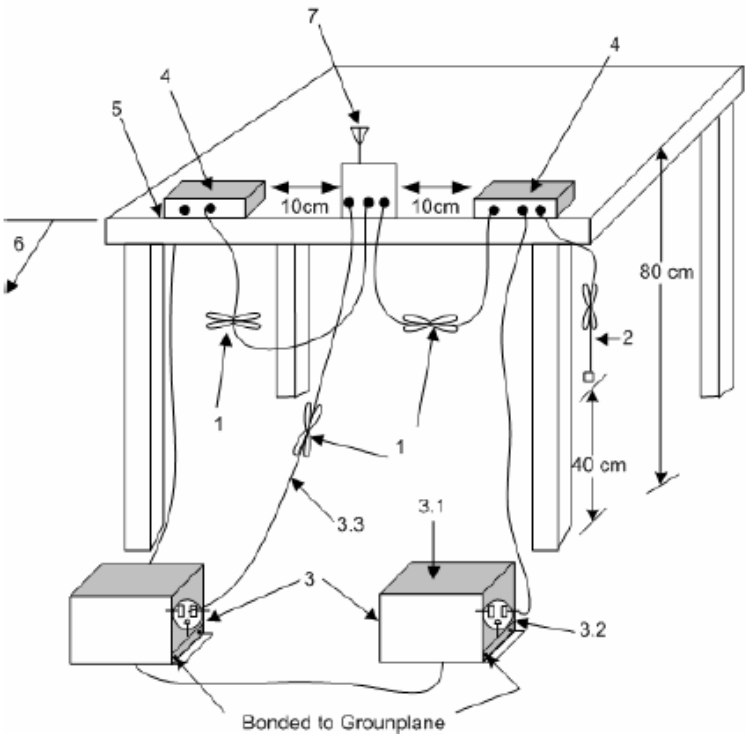
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Measurement Results Calculation

The measured Level is calculated using:

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

b. Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

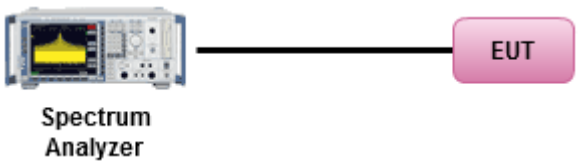
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

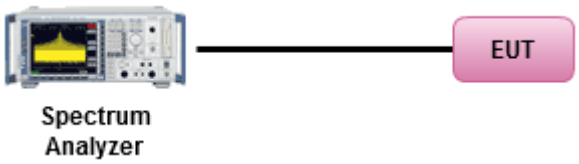
Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

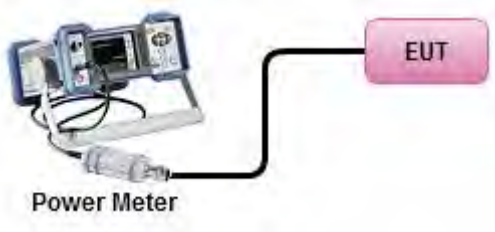
Test Method	
▪ Maximum Conducted Output Power	
	Average over on/off periods with duty factor
	☒ Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
	☐ Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over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

3.3.4 Test Setup

For Straddle channel:

RF Output Power (Spectrum Analyzer)


For other channel:

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

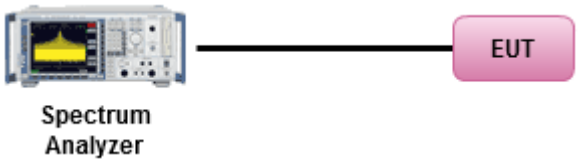
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

Un-restricted band emissions above 1GHz Limit	
Operating Band	**Limit**
☒ 5.15 - 5.25 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.25 - 5.35 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.47 - 5.725 GHz	e.i.r.p. -27 dBm [68.2 dBuV/m@3m]
☒ 5.725 - 5.85 GHz	all emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Note 1: Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of

linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

3.5.2 Measuring Instruments

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

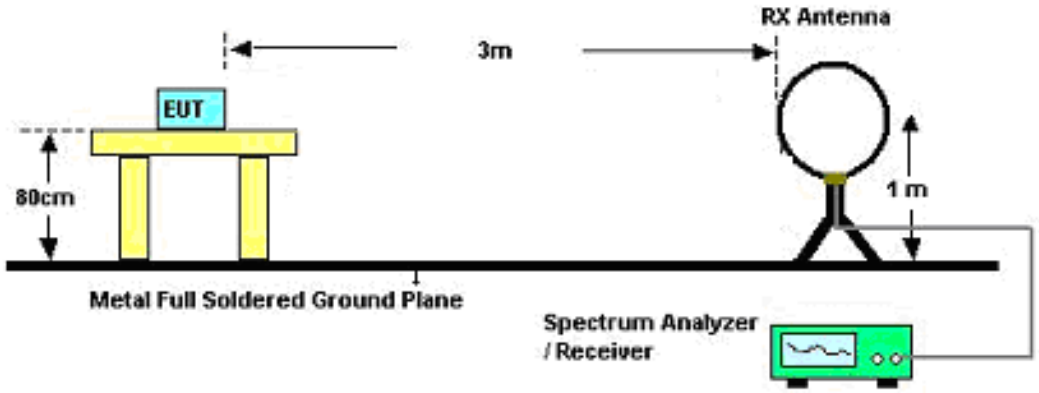
3.5.3 Test Procedures

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

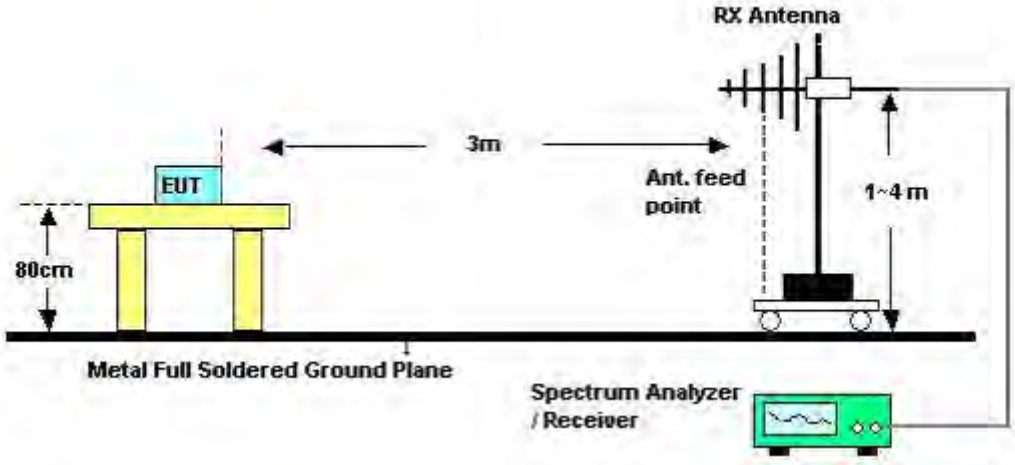
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

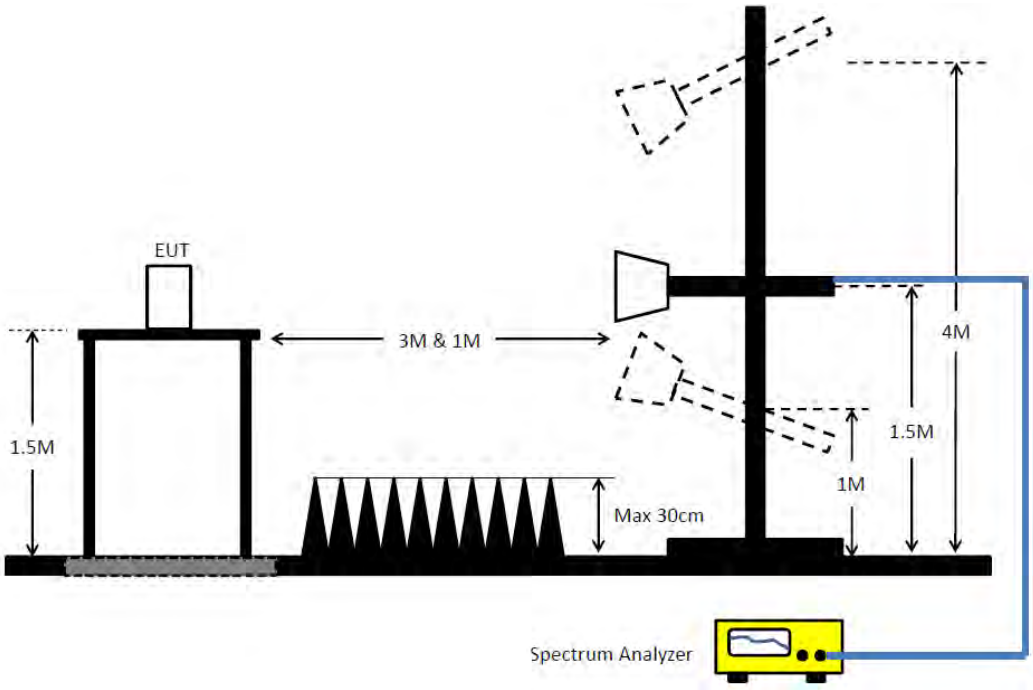
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
Pulse Limiter	Rohde& Schwarz	ESH3-Z2	100430	9kHz ~ 30MHz	Jan. 31, 2020	Jan. 30, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 20, 2020	May 19, 2021	Conduction (CO01-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2019	Nov. 03, 2020	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2020	Jan. 07, 2021	Radiation (03CH01-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Apr. 16, 2020	Apr. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH01-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH01-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~ 18GHz	Jan. 20, 2020	Jan. 19, 2021	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH03-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH03-CB)
Pre-Amplifier	EMCI	EMC12630SE	980383	1GHz ~ 26.5GHz	Aug. 02, 2019	Aug. 01, 2020	Radiation (03CH03-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Jul. 03, 2020	Jun. 02, 2021	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH03-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27 (spare)	1GHz ~ 18GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-29	1GHz ~ 18GHz	Jul. 28, 2020	Jul. 27, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27 (spare)	1GHz ~ 18GHz	Jul. 03, 2020	Ju1. 02, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH03-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Apr. 15, 2020	Apr. 14, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH05-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH05-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 03, 2019	Aug. 02, 2020	Radiation (03CH06-CB)
Bilog Antenna with 6 dB attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37878 & AT-N0606	20MHz ~ 2GHz	Aug. 02, 2020	Aug. 01, 2021	Radiation (03CH06-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 17, 2019	Jul. 16, 2020	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH06-CB)
Horn Antenna	COM-POWER	AH-118	071028	1GHz ~ 18GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 11, 2020	Jun. 10, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	May 21, 2020	May 20, 2021	Radiation (03CH06-CB)

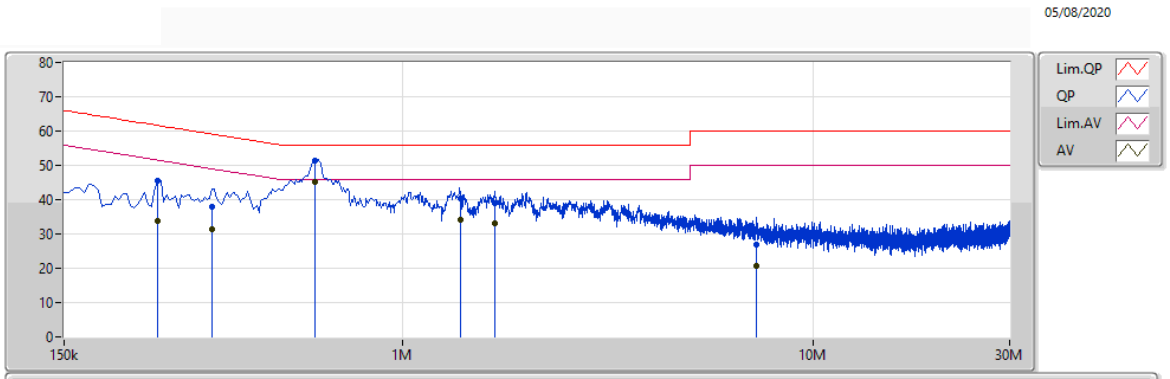
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH06-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH06-CB)
RF Cable-low	HUBER+SUHNER	RG402	Low Cable-05+24	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~ 40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~ 40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH03-CB)

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

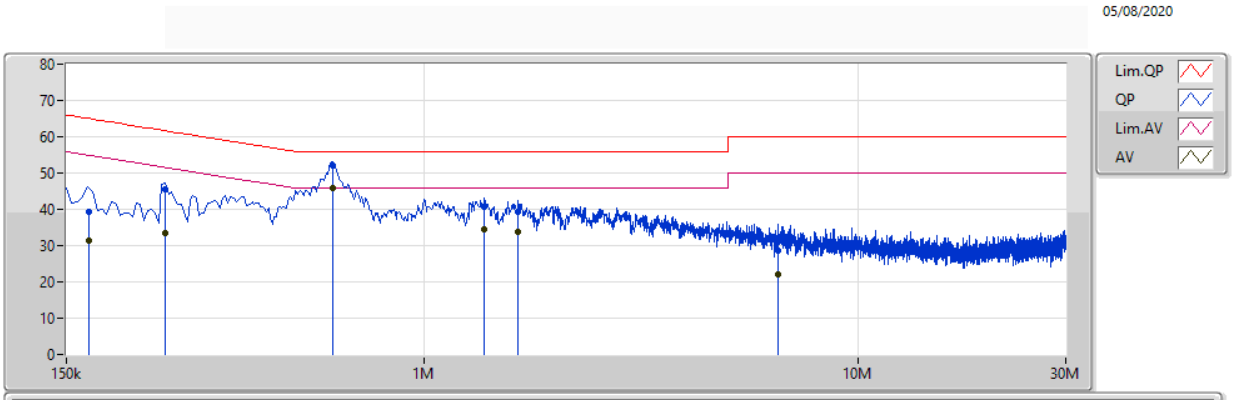
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 3	Pass	AV	615.5k	45.92	46.00	-0.08	Neutral

Test Mode: Mode 3



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	253.5k	45.51	61.64	-16.13	9.87	Line	-	35.64	0.04	0.03	9.80
AV	253.5k	33.63	51.64	-18.01	9.87	Line	-	23.76	0.04	0.03	9.80
QP	343.5k	37.82	59.12	-21.30	9.88	Line	-	27.94	0.04	0.03	9.81
AV	343.5k	31.31	49.12	-17.81	9.88	Line	-	21.43	0.04	0.03	9.81
QP	613.5k	51.26	56.00	-4.74	9.88	Line	-	41.38	0.04	0.03	9.81
AV	613.5k	45.21	46.00	-0.79	9.88	Line	"Worst"	35.33	0.04	0.03	9.81
QP	1.379M	40.20	56.00	-15.80	9.92	Line	-	30.28	0.05	0.05	9.82
AV	1.379M	34.23	46.00	-11.77	9.92	Line	-	24.31	0.05	0.05	9.82
QP	1.671M	38.84	56.00	-17.16	9.95	Line	-	28.89	0.06	0.06	9.83
AV	1.671M	33.14	46.00	-12.86	9.95	Line	-	23.19	0.06	0.06	9.83
QP	7.247M	27.00	60.00	-33.00	10.16	Line	-	16.84	0.14	0.14	9.88
AV	7.247M	20.58	50.00	-29.42	10.16	Line	-	10.42	0.14	0.14	9.88



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	169.2k	39.21	65.01	-25.80	9.86	Neutral	-	29.35	0.04	0.03	9.79
AV	169.2k	31.45	55.01	-23.56	9.86	Neutral	-	21.59	0.04	0.03	9.79
QP	253.5k	45.68	61.64	-15.96	9.87	Neutral	-	35.81	0.04	0.03	9.80
AV	253.5k	33.57	51.64	-18.07	9.87	Neutral	-	23.70	0.04	0.03	9.80
QP	615.5k	52.07	56.00	-3.93	9.89	Neutral	-	42.18	0.05	0.03	9.81
AV	615.5k	45.92	46.00	-0.08	9.89	Neutral	"Worst"	36.03	0.05	0.03	9.81
QP	1.374M	40.52	56.00	-15.48	9.93	Neutral	-	30.59	0.06	0.05	9.82
AV	1.374M	34.40	46.00	-11.60	9.93	Neutral	-	24.47	0.06	0.05	9.82
QP	1.644M	39.40	56.00	-16.60	9.96	Neutral	-	29.44	0.07	0.06	9.83
AV	1.644M	33.81	46.00	-12.19	9.96	Neutral	-	23.85	0.07	0.06	9.83
QP	6.522M	28.57	60.00	-31.43	10.14	Neutral	-	18.43	0.13	0.14	9.87
AV	6.522M	22.06	50.00	-27.94	10.14	Neutral	-	11.92	0.13	0.14	9.87

For External antenna
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_(6Mbps)_4TX	20.61M	16.432M	16M4D1D	19.95M	16.342M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.9M	18.951M	19M0D1D	21.06M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.34M	37.781M	37M8D1D	40.56M	37.661M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.56M	77.121M	77M1D1D	81.72M	76.882M
5.25-5.35GHz	-	-	-	-	-
802.11a_(6Mbps)_4TX	20.61M	16.432M	16M4D1D	19.89M	16.342M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.2M	18.981M	19M0D1D	21.24M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.34M	37.781M	37M8D1D	40.74M	37.601M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.92M	77.001M	77M0D1D	82.08M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_(6Mbps)_4TX	20.67M	16.432M	16M4D1D	15.19M	13.153M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.93M	18.951M	19M0D1D	15.715M	14.395M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.4M	37.781M	37M8D1D	35.513M	33.621M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.8M	77.121M	77M1D1D	75.95M	72.969M
5.725-5.85GHz	-	-	-	-	-
802.11a_(6Mbps)_4TX	16.32M	16.462M	16M5D1D	2.88M	3.808M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.81M	18.981M	19M0D1D	4.38M	4.678M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.86M	37.781M	37M8D1D	3.975M	4.228M
802.11ax HEW80_Nss1,(MCS0)_4TX	75.96M	77.121M	77M1D1D	3.975M	4.543M

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_(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.34M	16.342M	20.22M	16.372M	20.19M	16.342M	20.49M	16.402M
5200MHz	Pass	Inf	20.25M	16.342M	20.22M	16.342M	19.95M	16.342M	20.31M	16.402M
5240MHz	Pass	Inf	20.58M	16.402M	20.49M	16.402M	20.43M	16.432M	20.61M	16.432M
5260MHz	Pass	Inf	19.89M	16.342M	20.04M	16.372M	20.46M	16.432M	20.55M	16.432M
5300MHz	Pass	Inf	20.37M	16.402M	20.25M	16.372M	20.46M	16.402M	20.61M	16.402M
5320MHz	Pass	Inf	20.37M	16.402M	20.46M	16.402M	20.43M	16.432M	20.61M	16.402M
5500MHz	Pass	Inf	20.34M	16.372M	19.98M	16.372M	20.25M	16.402M	20.58M	16.402M
5580MHz	Pass	Inf	20.25M	16.402M	20.67M	16.402M	20.4M	16.432M	20.31M	16.402M
5700MHz	Pass	Inf	20.49M	16.402M	20.52M	16.432M	19.98M	16.372M	20.58M	16.402M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.278M	13.153M	15.278M	13.206M	15.19M	13.188M	15.225M	13.188M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.165M	3.988M	3.15M	3.808M	2.88M	3.808M	3.165M	3.883M
5745MHz	Pass	500k	16.26M	16.342M	16.32M	16.462M	15.75M	16.372M	16.32M	16.402M
5785MHz	Pass	500k	15.9M	16.402M	16.29M	16.462M	15.69M	16.342M	16.29M	16.402M
5825MHz	Pass	500k	16.29M	16.372M	16.08M	16.462M	16.29M	16.372M	16.32M	16.372M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.81M	18.951M	21.06M	18.921M	21.54M	18.891M	21.66M	18.891M
5200MHz	Pass	Inf	21.72M	18.951M	21.24M	18.921M	21.9M	18.951M	21.54M	18.921M
5240MHz	Pass	Inf	21.33M	18.921M	21.48M	18.951M	21.66M	18.891M	21.33M	18.921M
5260MHz	Pass	Inf	22.2M	18.981M	21.57M	18.921M	21.27M	18.891M	21.81M	18.921M
5300MHz	Pass	Inf	21.57M	18.921M	21.24M	18.921M	21.72M	18.921M	21.6M	18.921M
5320MHz	Pass	Inf	21.39M	18.891M	21.51M	18.951M	21.72M	18.921M	21.63M	18.921M
5500MHz	Pass	Inf	21.66M	18.921M	21.24M	18.891M	21.63M	18.921M	21.42M	18.921M
5580MHz	Pass	Inf	21.9M	18.921M	21.51M	18.921M	21.36M	18.921M	21.57M	18.921M
5700MHz	Pass	Inf	21.78M	18.951M	21.36M	18.861M	21.93M	18.921M	21.39M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.943M	14.448M	16.118M	14.465M	15.855M	14.395M	15.715M	14.43M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.38M	4.693M	4.53M	4.678M	4.485M	4.678M	4.455M	4.693M
5745MHz	Pass	500k	18.81M	18.951M	18.69M	18.921M	17.97M	18.861M	18.3M	18.921M
5785MHz	Pass	500k	17.19M	18.891M	18.57M	18.981M	17.94M	18.921M	18.33M	18.921M
5825MHz	Pass	500k	16.74M	18.861M	16.02M	18.771M	18.09M	18.921M	18.66M	18.921M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.28M	37.721M	41.22M	37.721M	41.1M	37.781M	41.34M	37.721M
5230MHz	Pass	Inf	41.22M	37.661M	40.62M	37.721M	40.56M	37.721M	40.68M	37.721M
5270MHz	Pass	Inf	41.34M	37.661M	40.98M	37.721M	40.98M	37.601M	41.16M	37.721M
5310MHz	Pass	Inf	40.74M	37.721M	41.1M	37.721M	40.98M	37.781M	41.28M	37.661M
5510MHz	Pass	Inf	41.1M	37.721M	40.92M	37.721M	41.28M	37.721M	40.98M	37.721M
5550MHz	Pass	Inf	41.34M	37.781M	40.92M	37.721M	41.1M	37.721M	40.92M	37.661M
5670MHz	Pass	Inf	40.8M	37.661M	41.22M	37.661M	41.04M	37.781M	41.4M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.625M	33.696M	35.513M	33.621M	35.588M	33.696M	35.738M	33.696M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.288M	4.02M	4.228M	4.08M	4.303M	3.975M	4.273M
5755MHz	Pass	500k	37.38M	37.661M	36.48M	37.541M	37.74M	37.781M	37.86M	37.781M
5795MHz	Pass	500k	37.38M	37.601M	36.84M	37.541M	37.86M	37.781M	37.74M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.56M	77.001M	82.56M	77.121M	81.72M	76.882M	82.08M	76.882M

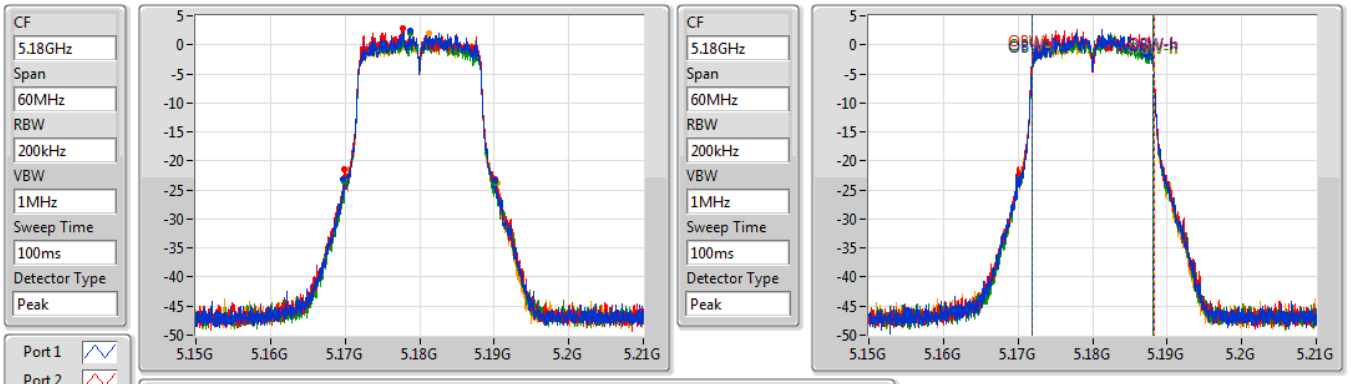
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5290MHz	Pass	Inf	82.2M	76.882M	82.68M	76.882M	82.92M	77.001M	82.08M	77.001M
5530MHz	Pass	Inf	82.08M	77.121M	82.32M	77.001M	82.32M	77.121M	81.72M	77.001M
5610MHz	Pass	Inf	82.8M	77.001M	82.68M	77.121M	82.56M	77.121M	82.44M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.26M	72.969M	75.95M	72.969M	76.26M	73.123M	76.183M	73.046M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.005M	4.813M	4.035M	4.543M	4.02M	4.798M	3.975M	4.693M
5775MHz	Pass	500k	75.24M	76.762M	74.76M	76.402M	75.96M	77.121M	72.72M	77.001M

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_(6Mbps)_4TX EBW

5180MHz

03/07/2020

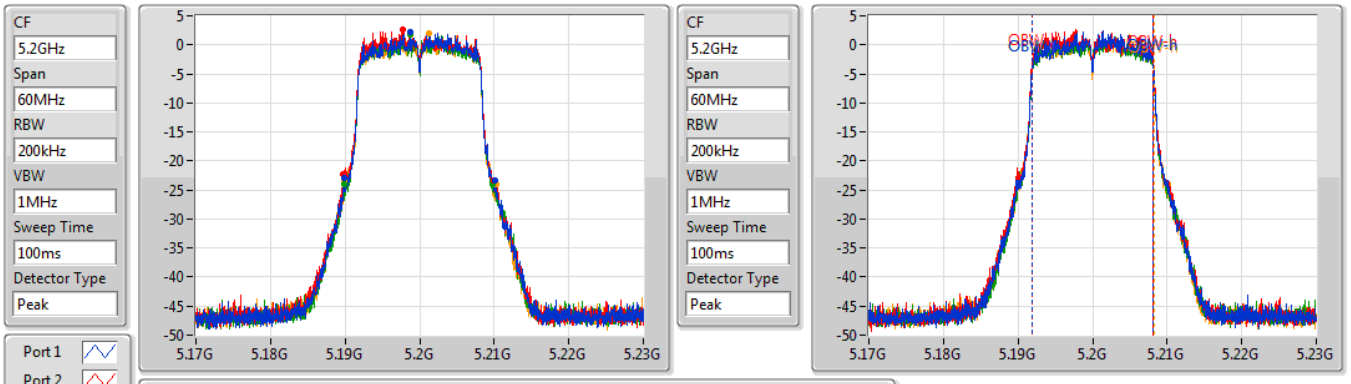


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.16974G	5.19008G	16.342M	5.171844G	5.188186G	Inf	1
20.22M	5.16983G	5.19005G	16.372M	5.171844G	5.188216G	Inf	2
20.19M	5.16989G	5.19008G	16.342M	5.171844G	5.188186G	Inf	3
20.49M	5.16992G	5.19041G	16.402M	5.171814G	5.188216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5200MHz

04/07/2020

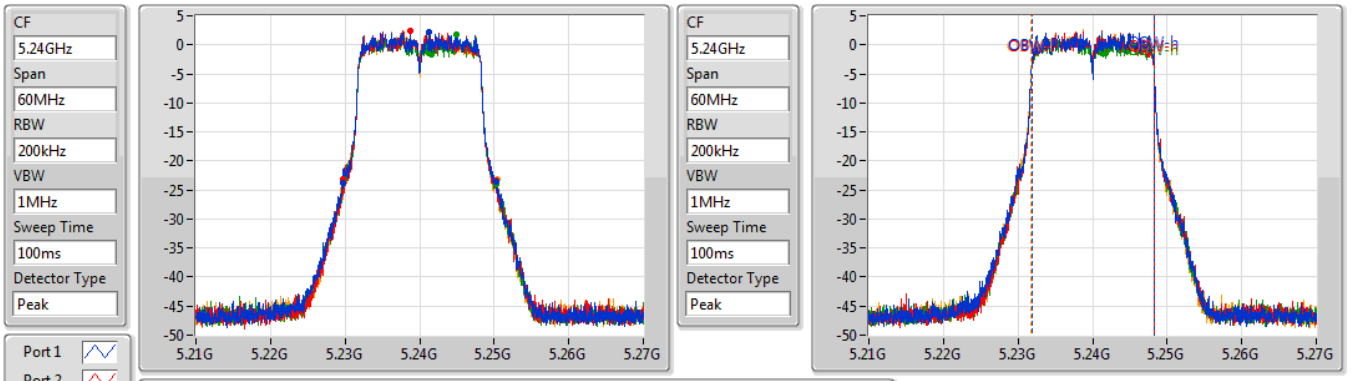


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.18983G	5.21008G	16.342M	5.191844G	5.208186G	Inf	1
20.22M	5.1898G	5.21002G	16.342M	5.191844G	5.208186G	Inf	2
19.95M	5.18986G	5.20981G	16.342M	5.191844G	5.208186G	Inf	3
20.31M	5.18992G	5.21023G	16.402M	5.191814G	5.208216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5240MHz

04/07/2020

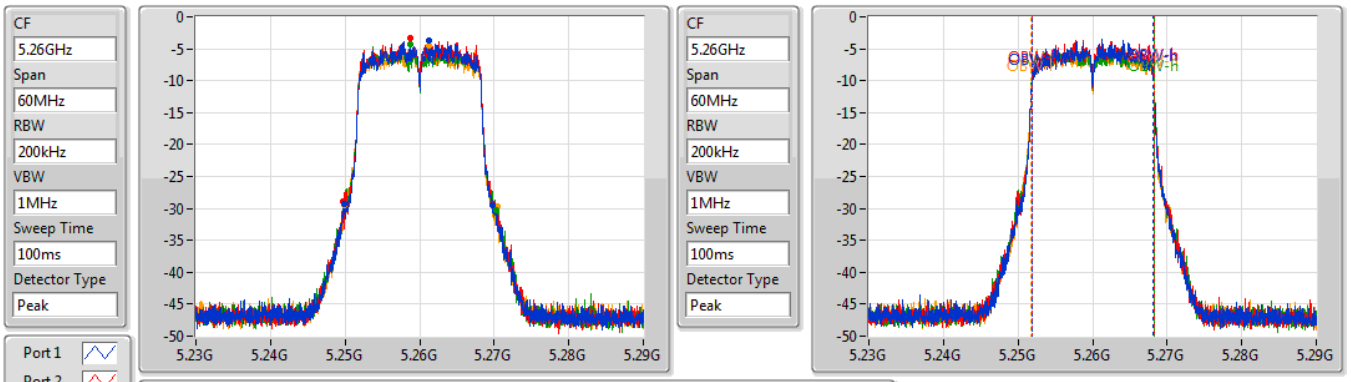


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.58M	5.22965G	5.25023G	16.402M	5.231814G	5.248216G	Inf	1
20.49M	5.22977G	5.25026G	16.402M	5.231814G	5.248216G	Inf	2
20.43M	5.22983G	5.25026G	16.432M	5.231814G	5.248246G	Inf	3
20.61M	5.22983G	5.25044G	16.432M	5.231784G	5.248216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5260MHz

04/07/2020

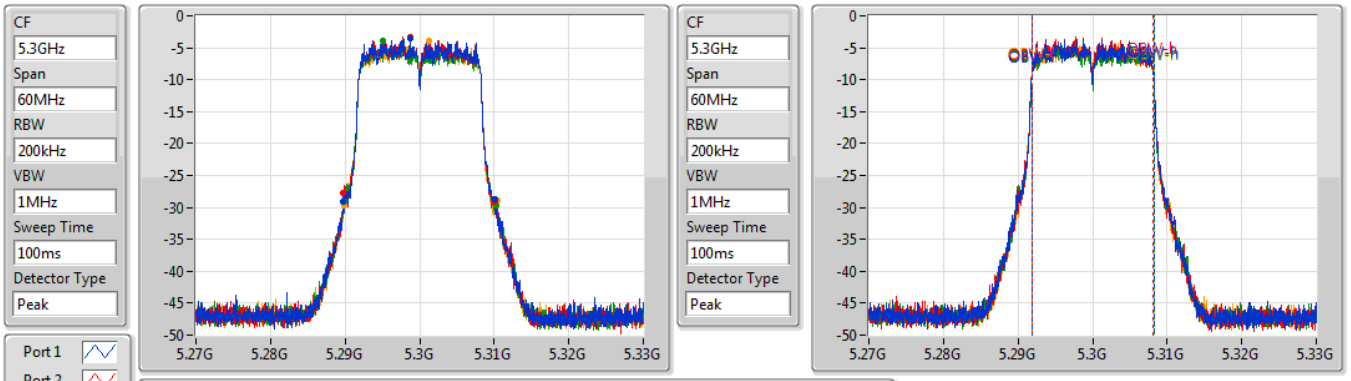


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.89M	5.24986G	5.26975G	16.342M	5.251844G	5.268186G	Inf	1
20.04M	5.24977G	5.26981G	16.372M	5.251844G	5.268216G	Inf	2
20.46M	5.24983G	5.27029G	16.432M	5.251814G	5.268246G	Inf	3
20.55M	5.24986G	5.27041G	16.432M	5.251784G	5.268216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5300MHz

04/07/2020

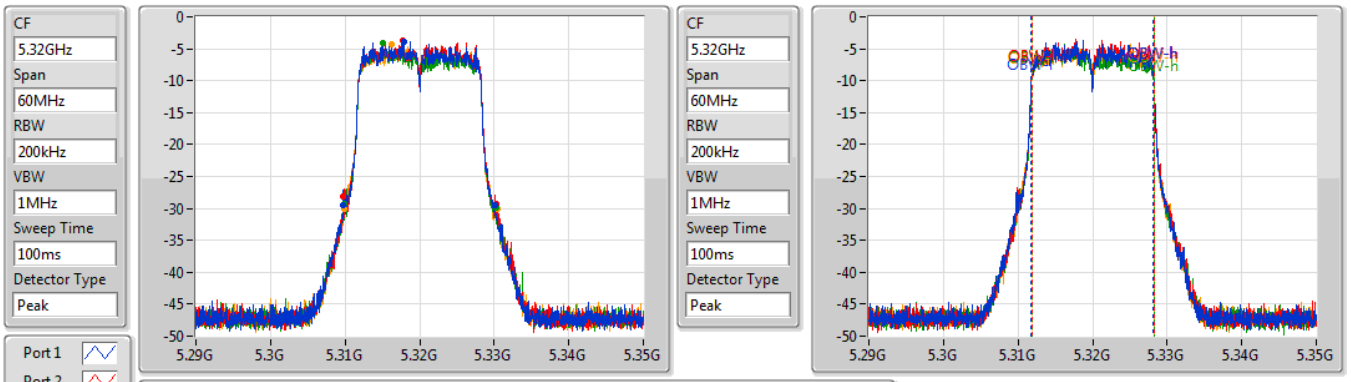


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.28971G	5.31008G	16.402M	5.291814G	5.308216G	Inf	1
20.25M	5.2898G	5.31005G	16.372M	5.291814G	5.308186G	Inf	2
20.46M	5.28983G	5.31029G	16.402M	5.291814G	5.308216G	Inf	3
20.61M	5.28986G	5.31047G	16.402M	5.291814G	5.308216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5320MHz

04/07/2020

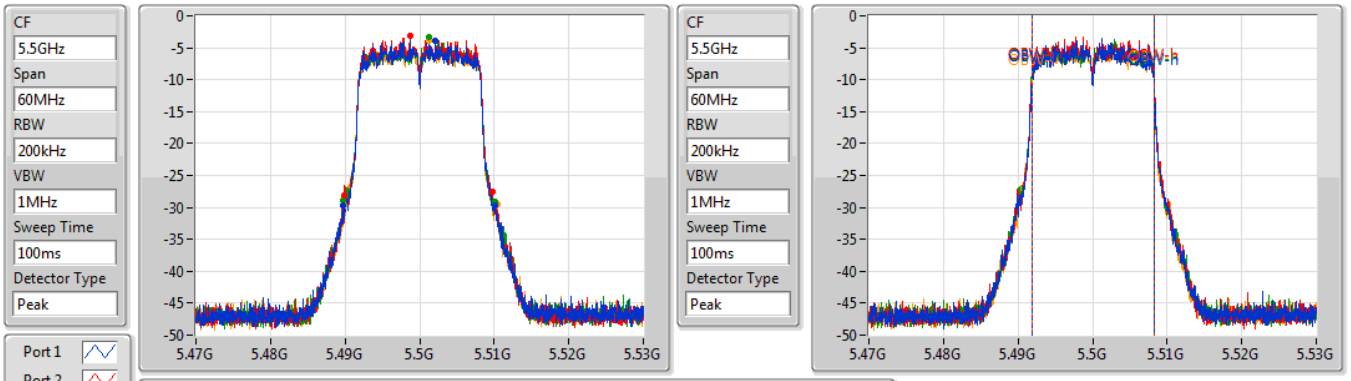


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.30974G	5.33011G	16.402M	5.311784G	5.328186G	Inf	1
20.46M	5.30977G	5.33023G	16.402M	5.311814G	5.328216G	Inf	2
20.43M	5.30983G	5.33026G	16.432M	5.311814G	5.328246G	Inf	3
20.61M	5.30986G	5.33047G	16.402M	5.311814G	5.328216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5500MHz

04/07/2020

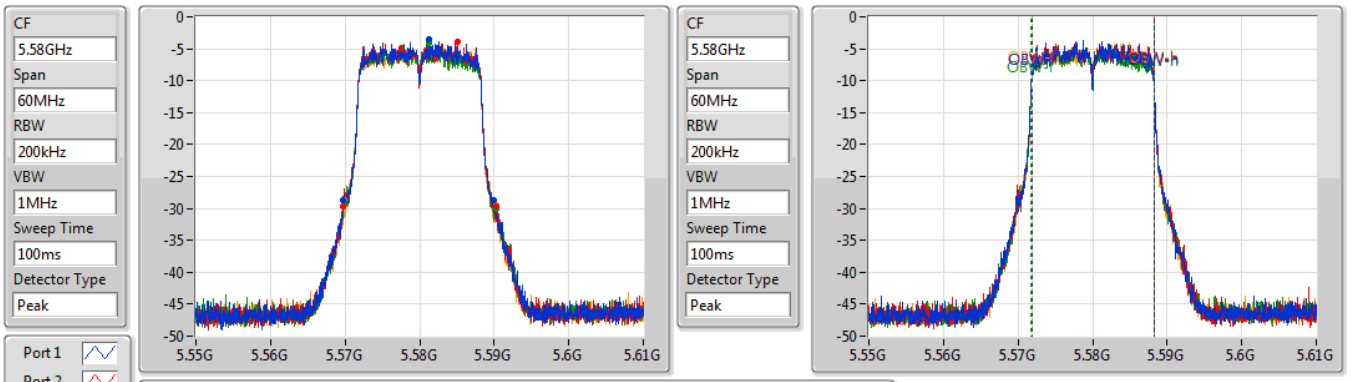


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.48977G	5.51011G	16.372M	5.491844G	5.508216G	Inf	1
19.98M	5.48986G	5.50984G	16.372M	5.491844G	5.508216G	Inf	2
20.25M	5.4898G	5.51005G	16.402M	5.491814G	5.508216G	Inf	3
20.58M	5.48986G	5.51044G	16.402M	5.491814G	5.508216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5580MHz

04/07/2020

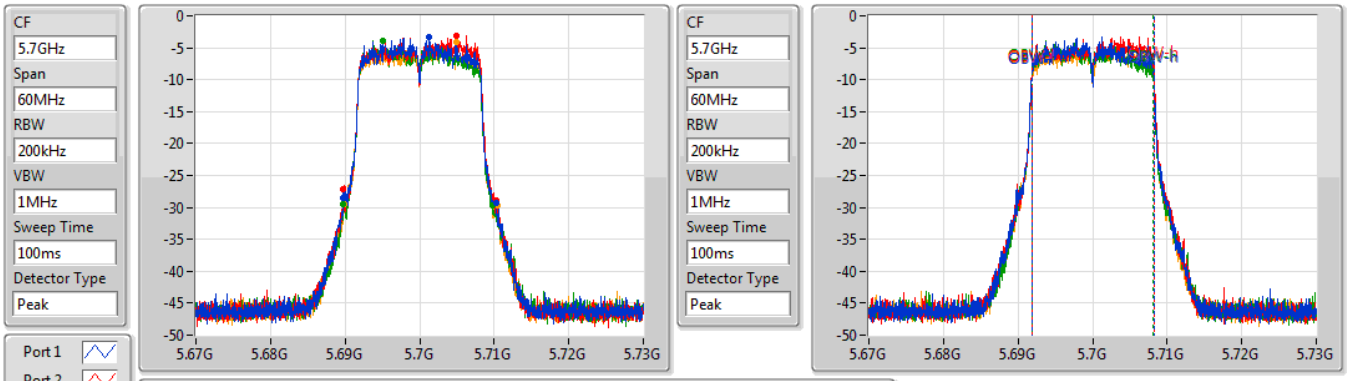


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.25M	5.56977G	5.59002G	16.402M	5.571814G	5.588216G	Inf	1
20.67M	5.56965G	5.59032G	16.402M	5.571814G	5.588216G	Inf	2
20.4M	5.56986G	5.59026G	16.432M	5.571784G	5.588216G	Inf	3
20.31M	5.56989G	5.5902G	16.402M	5.571814G	5.588216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5700MHz

04/07/2020

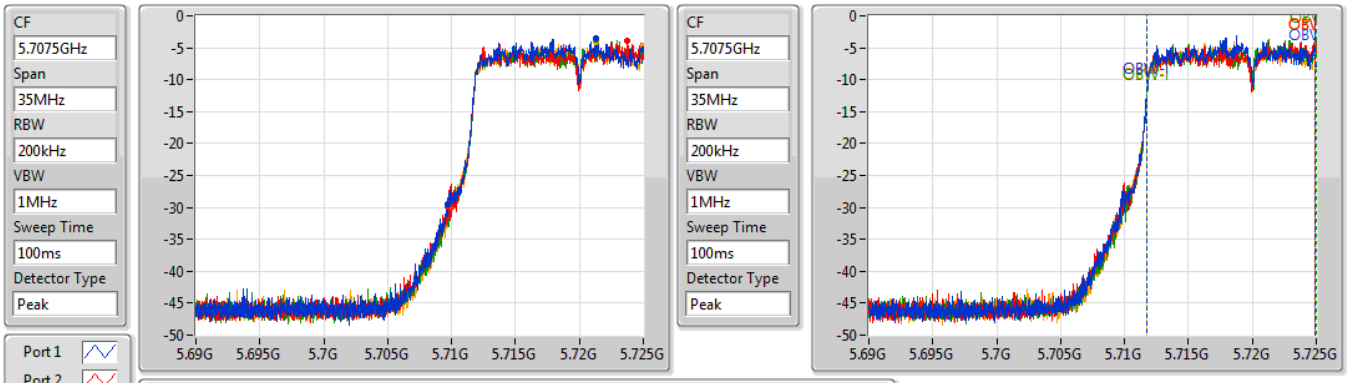


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.49M	5.68971G	5.7102G	16.402M	5.691814G	5.708216G	Inf	1
20.52M	5.6898G	5.71032G	16.432M	5.691814G	5.708246G	Inf	2
19.98M	5.6898G	5.70978G	16.372M	5.691814G	5.708186G	Inf	3
20.58M	5.68986G	5.71044G	16.402M	5.691814G	5.708216G	Inf	4

802.11a_(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/07/2020



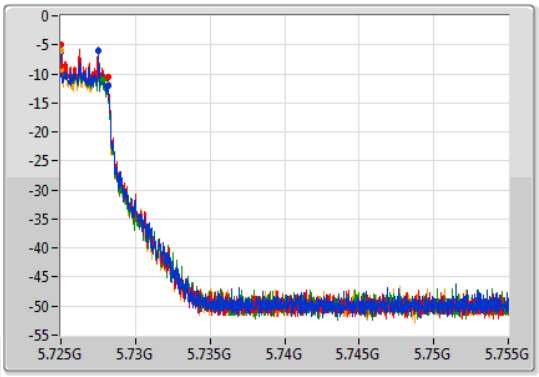
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.278M	5.709723G	5.725G	13.153M	5.71175G	5.724904G	Inf	1
15.278M	5.709723G	5.725G	13.206M	5.711733G	5.724939G	Inf	2
15.19M	5.70981G	5.725G	13.188M	5.711768G	5.724956G	Inf	3
15.225M	5.709775G	5.725G	13.188M	5.71175G	5.724939G	Inf	4

802.11a_(6Mbps)_4TX EBW

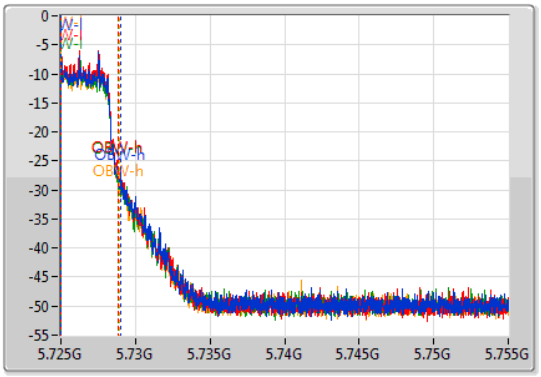
5720MHz Straddle 5.725-5.85GHz

04/07/2020

CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3
Port 4

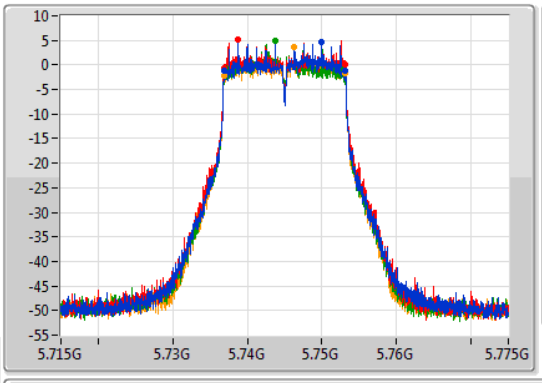
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.165M	5.725G	5.728165G	3.988M	5.725007G	5.728996G	500k	1
3.15M	5.725G	5.72815G	3.808M	5.725007G	5.728816G	500k	2
2.88M	5.725G	5.72788G	3.808M	5.725007G	5.728816G	500k	3
3.165M	5.725G	5.728165G	3.883M	5.725007G	5.728891G	500k	4

802.11a_(6Mbps)_4TX EBW

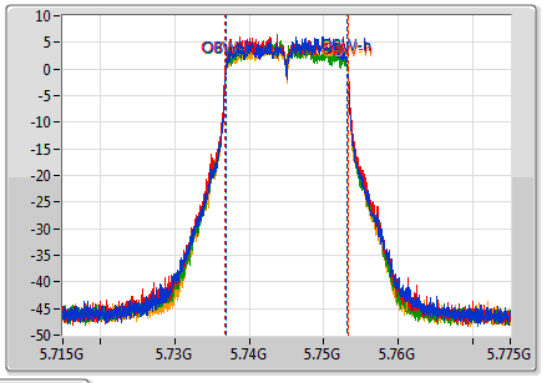
5745MHz

04/07/2020

CF	5.745GHz
Span	60MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.745GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



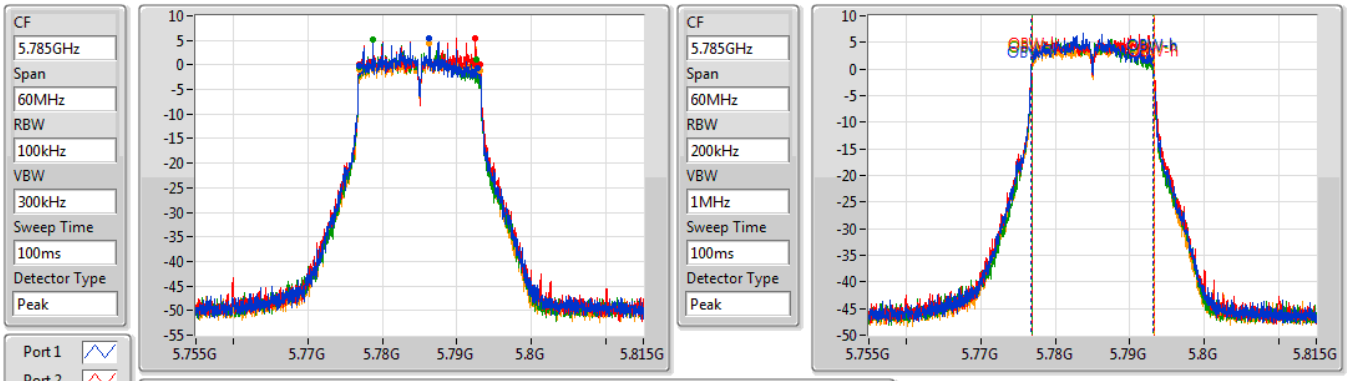
Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.26M	5.73687G	5.75313G	16.342M	5.736844G	5.753186G	500k	1
16.32M	5.73684G	5.75316G	16.462M	5.736784G	5.753246G	500k	2
15.75M	5.73714G	5.75289G	16.372M	5.736814G	5.753186G	500k	3
16.32M	5.73684G	5.75316G	16.402M	5.736814G	5.753216G	500k	4

802.11a_(6Mbps)_4TX EBW

5785MHz

04/07/2020

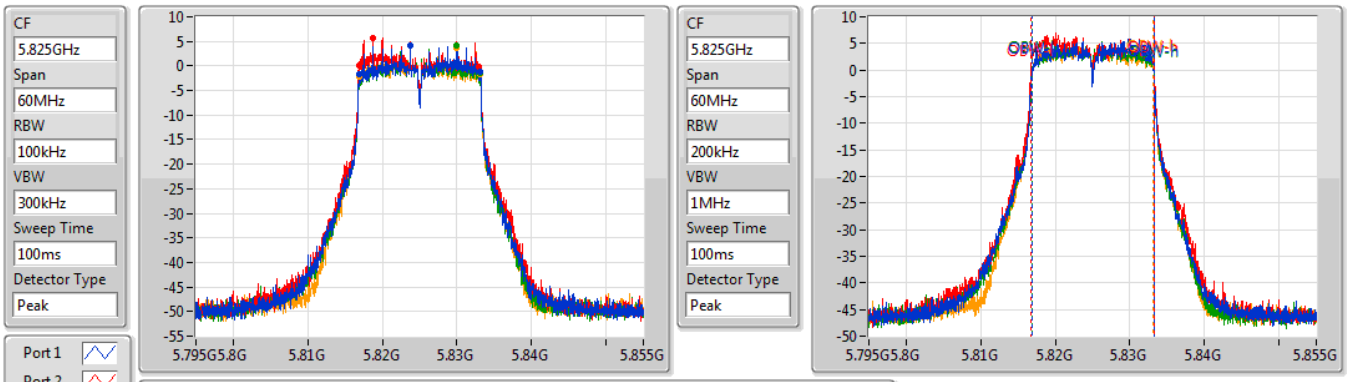


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	5.77687G	5.79277G	16.402M	5.776784G	5.793186G	500k	1
16.29M	5.77687G	5.79316G	16.462M	5.776814G	5.793276G	500k	2
15.69M	5.77687G	5.79256G	16.342M	5.776814G	5.793156G	500k	3
16.29M	5.77687G	5.79316G	16.402M	5.776814G	5.793216G	500k	4

802.11a_(6Mbps)_4TX EBW

5825MHz

04/07/2020

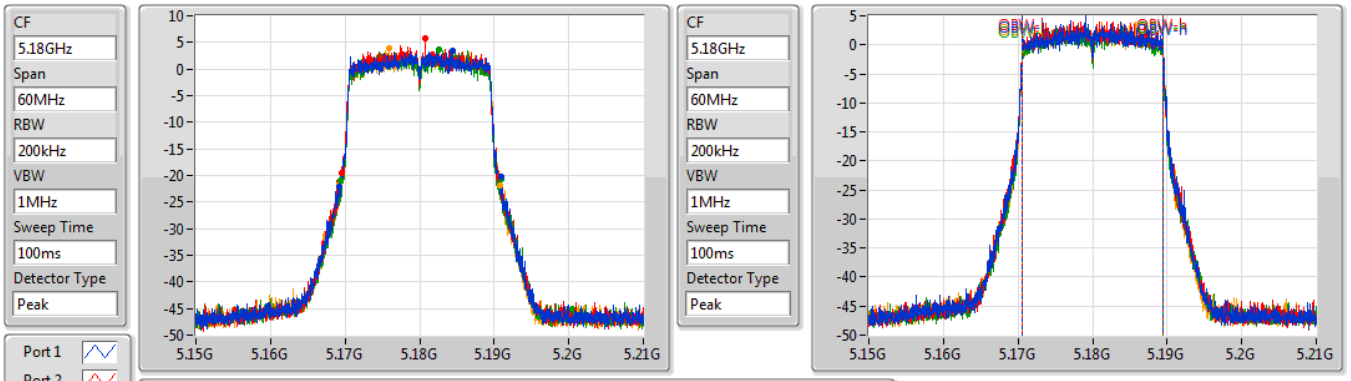


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81687G	5.83316G	16.372M	5.816844G	5.833216G	500k	1
16.08M	5.81684G	5.83292G	16.462M	5.816754G	5.833216G	500k	2
16.29M	5.81687G	5.83316G	16.372M	5.816844G	5.833216G	500k	3
16.32M	5.81684G	5.83316G	16.372M	5.816814G	5.833186G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

04/07/2020

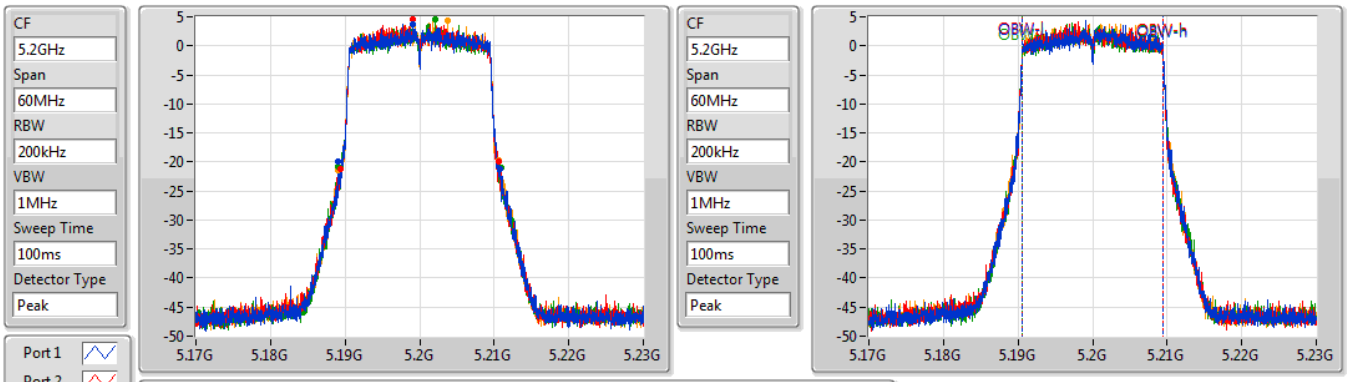


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.1692G	5.19101G	18.951M	5.170555G	5.189505G	Inf	1
21.06M	5.16953G	5.19059G	18.921M	5.170555G	5.189475G	Inf	2
21.54M	5.16944G	5.19098G	18.891M	5.170555G	5.189445G	Inf	3
21.66M	5.16914G	5.1908G	18.891M	5.170585G	5.189475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

04/07/2020

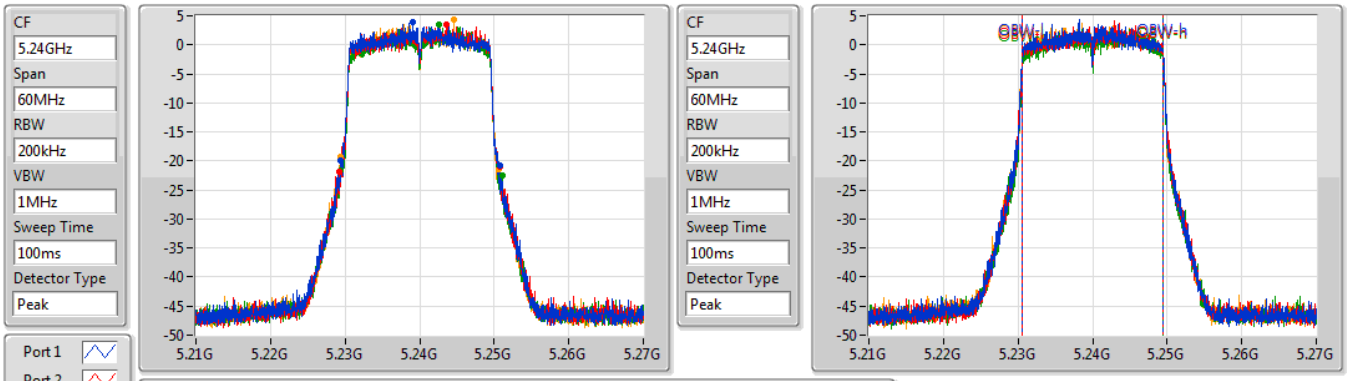


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.18911G	5.21083G	18.951M	5.190555G	5.209505G	Inf	1
21.24M	5.18935G	5.21059G	18.921M	5.190555G	5.209475G	Inf	2
21.9M	5.18902G	5.21092G	18.951M	5.190525G	5.209475G	Inf	3
21.54M	5.18902G	5.21056G	18.921M	5.190555G	5.209475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

04/07/2020

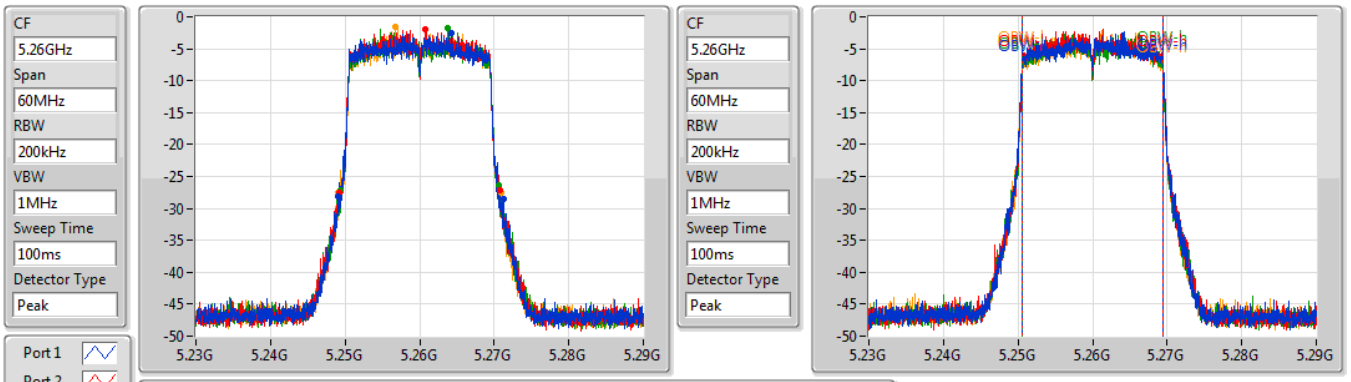


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.33M	5.22938G	5.25071G	18.921M	5.230555G	5.249475G	Inf	1
21.48M	5.22929G	5.25077G	18.951M	5.230555G	5.249505G	Inf	2
21.66M	5.22944G	5.2511G	18.891M	5.230585G	5.249475G	Inf	3
21.33M	5.22932G	5.25065G	18.921M	5.230555G	5.249475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

04/07/2020

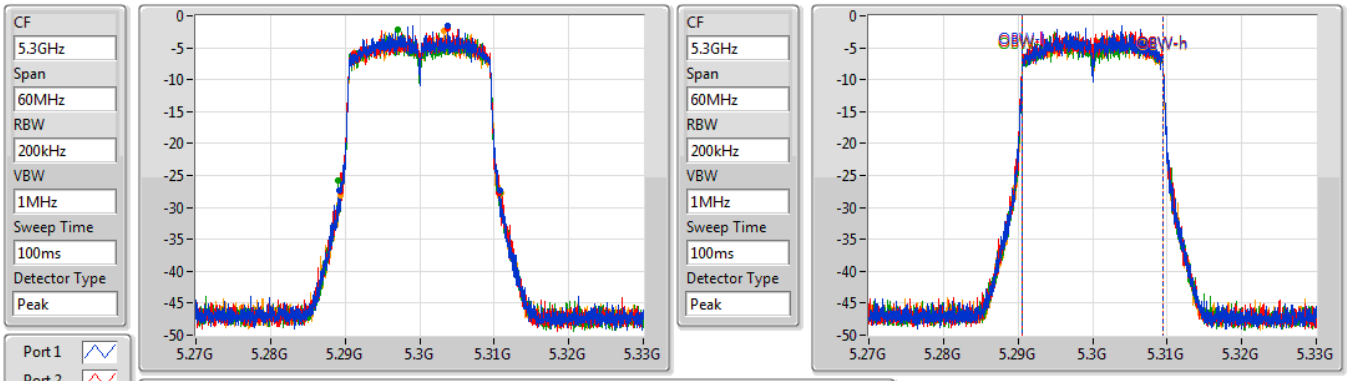


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.2M	5.24911G	5.27131G	18.981M	5.250525G	5.269505G	Inf	1
21.57M	5.24926G	5.27083G	18.921M	5.250555G	5.269475G	Inf	2
21.27M	5.24941G	5.27068G	18.891M	5.250555G	5.269445G	Inf	3
21.81M	5.24908G	5.27089G	18.921M	5.250555G	5.269475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

04/07/2020

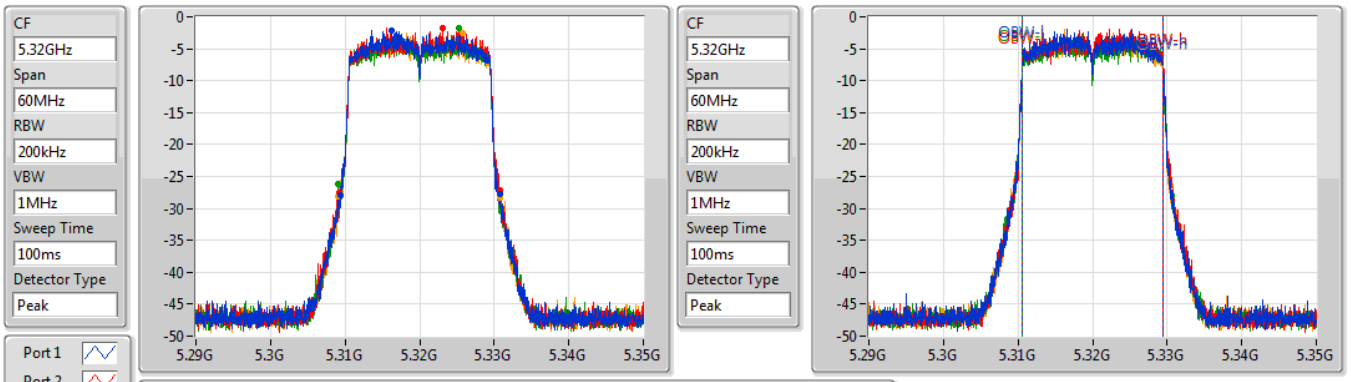


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.2892G	5.31077G	18.921M	5.290555G	5.309475G	Inf	1
21.24M	5.28938G	5.31062G	18.921M	5.290555G	5.309475G	Inf	2
21.72M	5.28911G	5.31083G	18.921M	5.290555G	5.309475G	Inf	3
21.6M	5.28932G	5.31092G	18.921M	5.290555G	5.309475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

04/07/2020

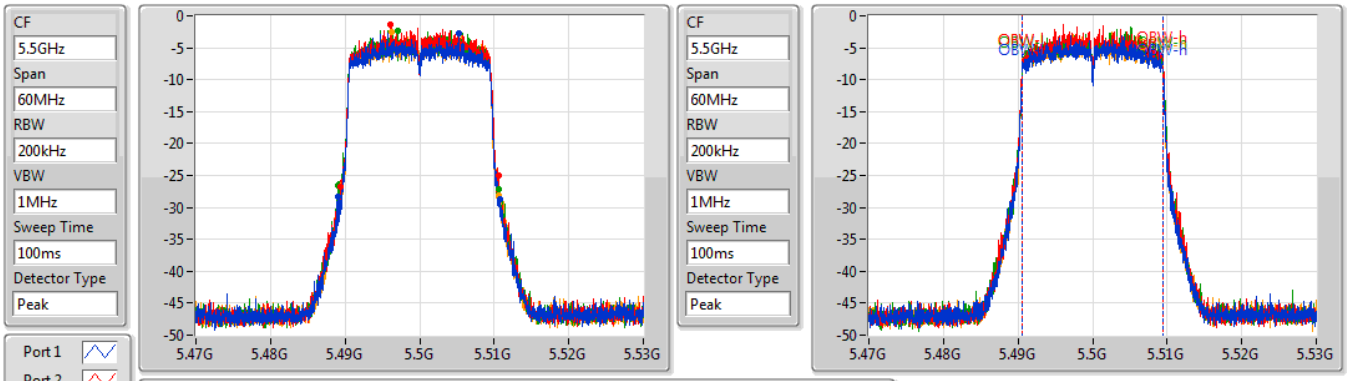


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.39M	5.30938G	5.33077G	18.891M	5.310555G	5.329445G	Inf	1
21.51M	5.30926G	5.33077G	18.951M	5.310555G	5.329505G	Inf	2
21.72M	5.30908G	5.3308G	18.921M	5.310555G	5.329475G	Inf	3
21.63M	5.30908G	5.33071G	18.921M	5.310555G	5.329475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

04/07/2020

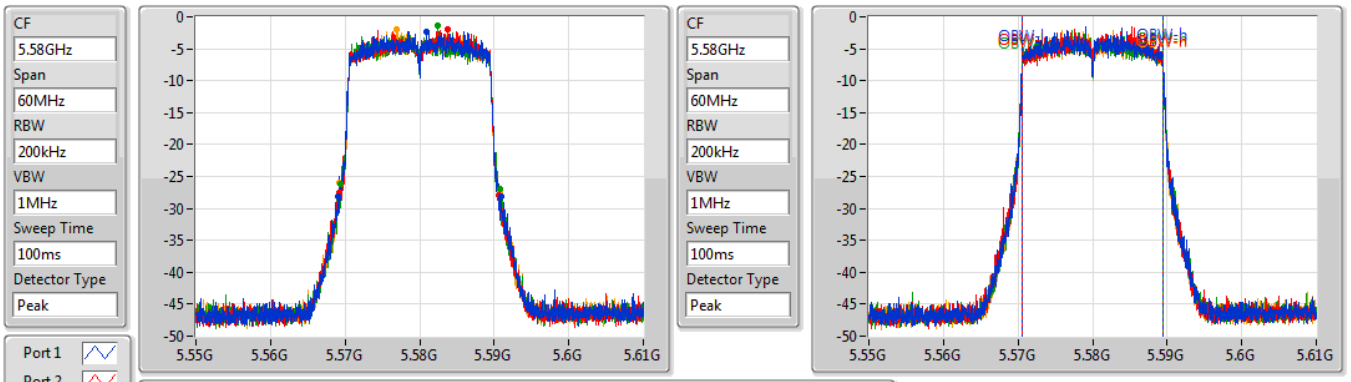


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.66M	5.48911G	5.51077G	18.921M	5.490555G	5.509475G	Inf	1
21.24M	5.48938G	5.51062G	18.891M	5.490585G	5.509475G	Inf	2
21.63M	5.48905G	5.51068G	18.921M	5.490555G	5.509475G	Inf	3
21.42M	5.48917G	5.51059G	18.921M	5.490555G	5.509475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

04/07/2020



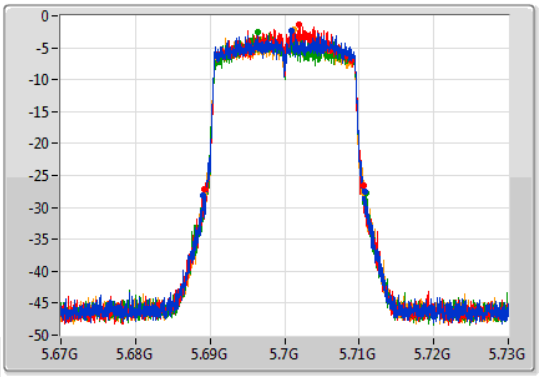
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.56902G	5.59092G	18.921M	5.570555G	5.589475G	Inf	1
21.51M	5.56917G	5.59068G	18.921M	5.570555G	5.589475G	Inf	2
21.36M	5.56941G	5.59077G	18.921M	5.570555G	5.589475G	Inf	3
21.57M	5.56914G	5.59071G	18.921M	5.570555G	5.589475G	Inf	4

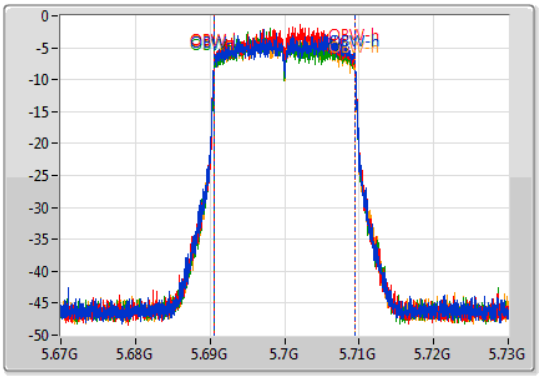
802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

04/07/2020

CF 5.7GHz
Span 60MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak





Port 1
Port 2
Port 3
Port 4

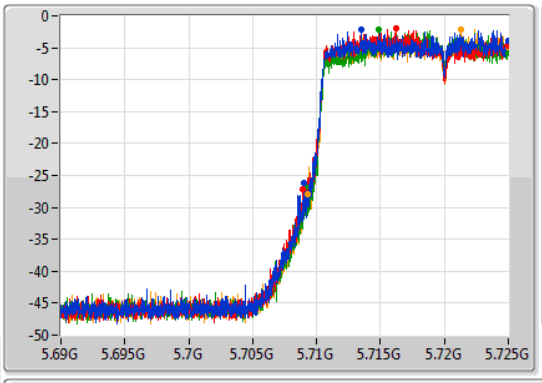
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.68905G	5.71083G	18.951M	5.690525G	5.709475G	Inf	1
21.36M	5.68917G	5.71053G	18.861M	5.690585G	5.709445G	Inf	2
21.93M	5.68905G	5.71098G	18.921M	5.690555G	5.709475G	Inf	3
21.39M	5.6892G	5.71059G	18.921M	5.690555G	5.709475G	Inf	4

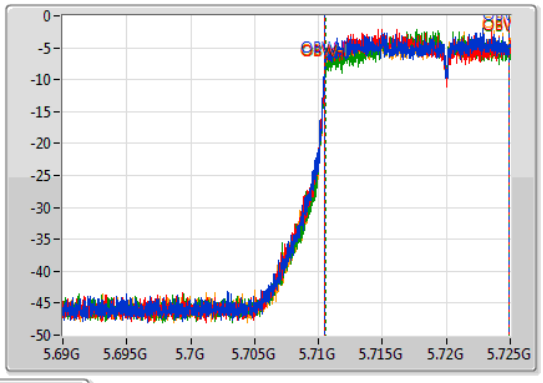
802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

04/07/2020

CF 5.7075GHz
Span 35MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak





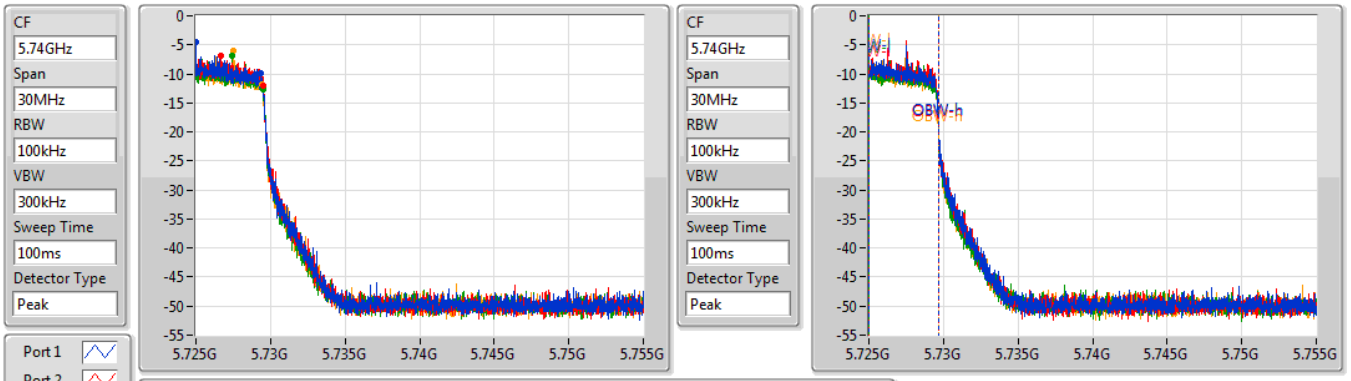
Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.943M	5.709058G	5.725G	14.448M	5.710491G	5.724939G	Inf	1
16.118M	5.708883G	5.725G	14.465M	5.710474G	5.724939G	Inf	2
15.855M	5.709145G	5.725G	14.395M	5.710526G	5.724921G	Inf	3
15.715M	5.709285G	5.725G	14.43M	5.710508G	5.724939G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

04/07/2020

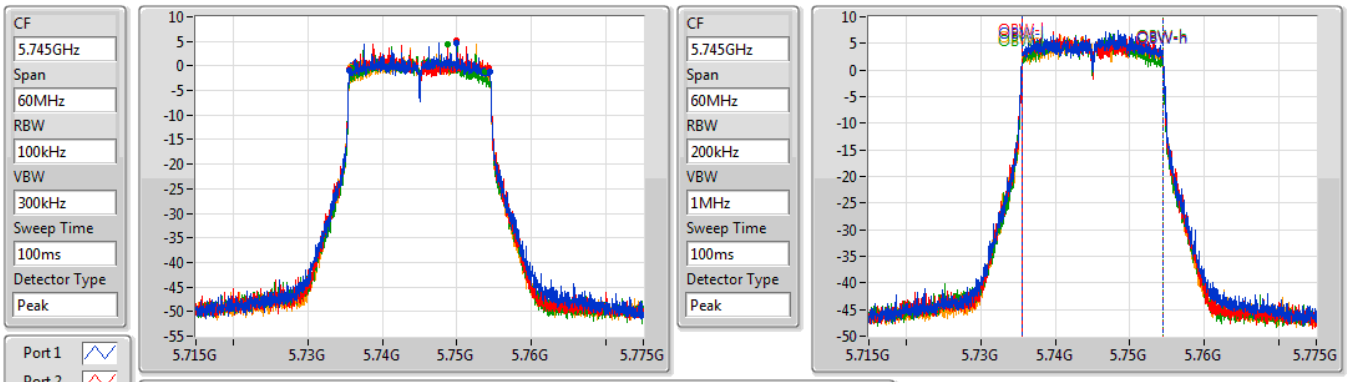


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.38M	5.725G	5.72938G	4.693M	5.725022G	5.729715G	500k	1
4.53M	5.725G	5.72953G	4.678M	5.725022G	5.7297G	500k	2
4.485M	5.725G	5.729485G	4.678M	5.725022G	5.7297G	500k	3
4.455M	5.725G	5.729455G	4.693M	5.725022G	5.729715G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

04/07/2020

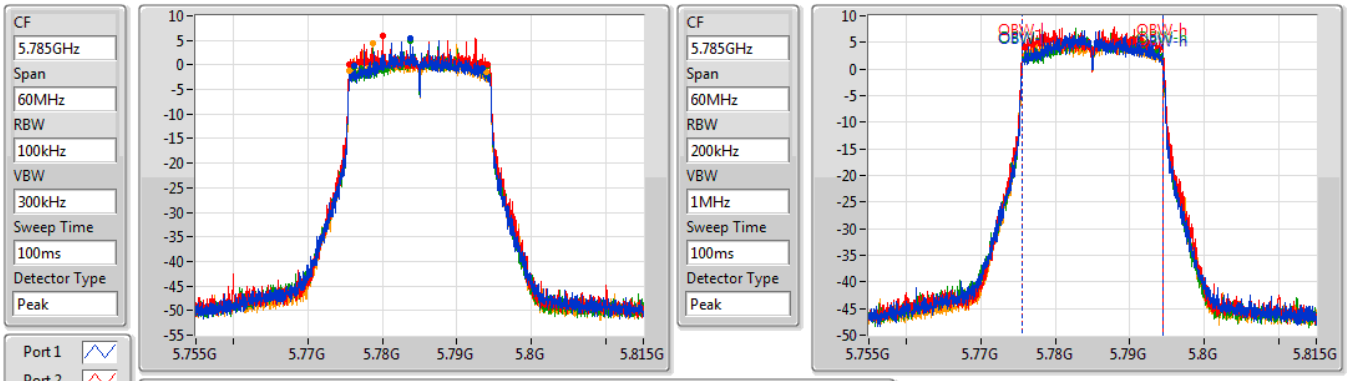


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.81M	5.73564G	5.75445G	18.951M	5.735525G	5.754475G	500k	1
18.69M	5.73561G	5.7543G	18.921M	5.735555G	5.754475G	500k	2
17.97M	5.73585G	5.75382G	18.861M	5.735555G	5.754415G	500k	3
18.3M	5.73579G	5.75409G	18.921M	5.735555G	5.754475G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

04/07/2020

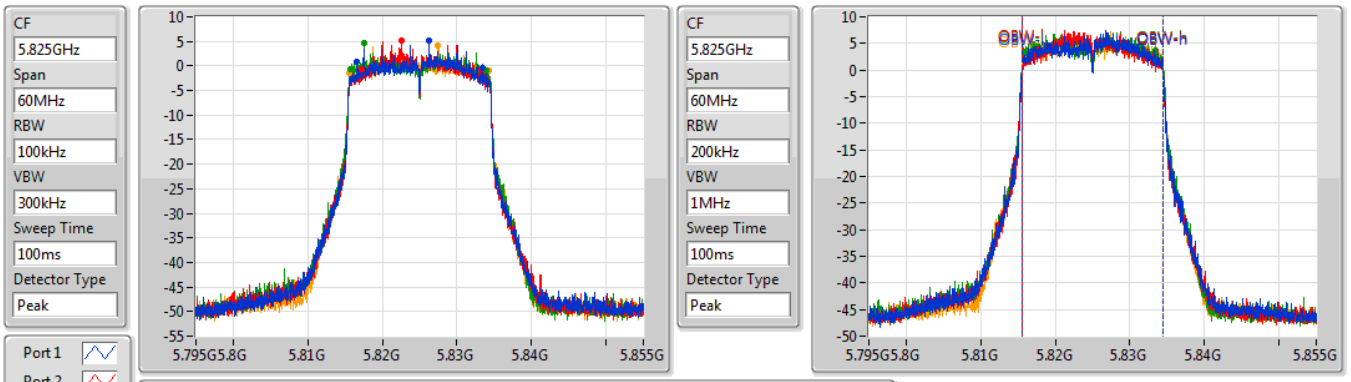


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.19M	5.7763G	5.79349G	18.891M	5.775585G	5.794475G	500k	1
18.57M	5.77561G	5.79418G	18.981M	5.775525G	5.794505G	500k	2
17.94M	5.77624G	5.79418G	18.921M	5.775555G	5.794475G	500k	3
18.33M	5.77564G	5.79397G	18.921M	5.775555G	5.794475G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

04/07/2020

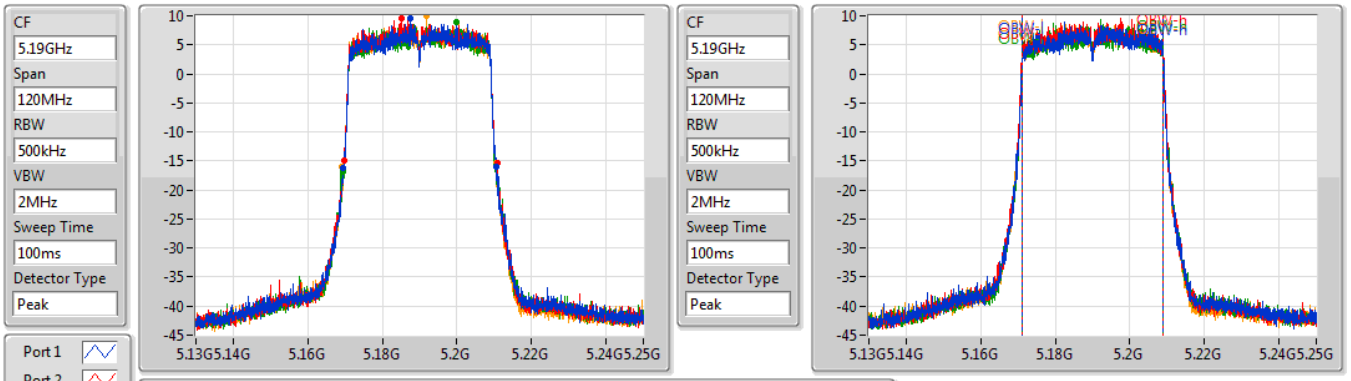


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.74M	5.81663G	5.83337G	18.861M	5.815555G	5.834415G	500k	1
16.02M	5.81729G	5.83331G	18.771M	5.815615G	5.834385G	500k	2
18.09M	5.81579G	5.83388G	18.921M	5.815555G	5.834475G	500k	3
18.66M	5.81561G	5.83427G	18.921M	5.815555G	5.834475G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

04/07/2020

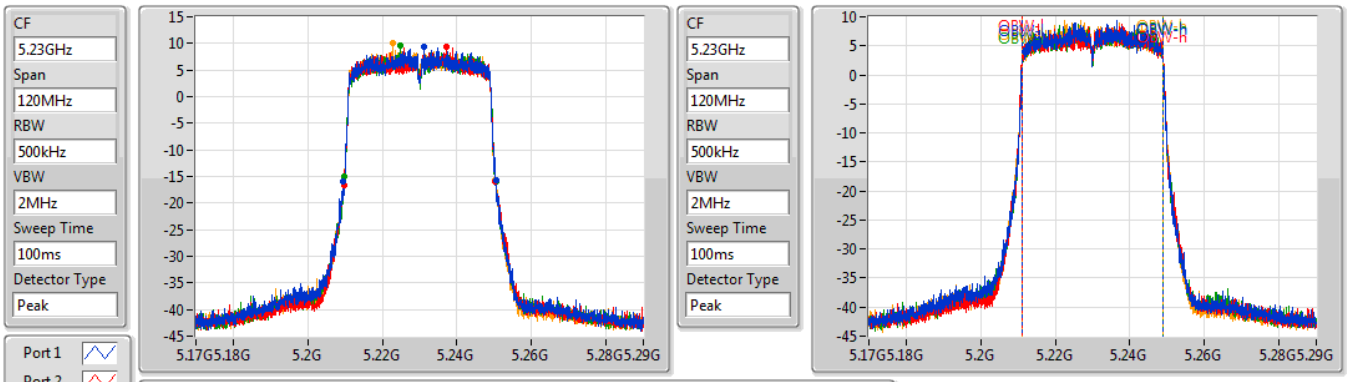


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.1693G	5.21058G	37.721M	5.171169G	5.208891G	Inf	1
41.22M	5.16966G	5.21088G	37.721M	5.171169G	5.208891G	Inf	2
41.1M	5.16954G	5.21064G	37.781M	5.171169G	5.208951G	Inf	3
41.34M	5.16918G	5.21052G	37.721M	5.171169G	5.208891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

04/07/2020

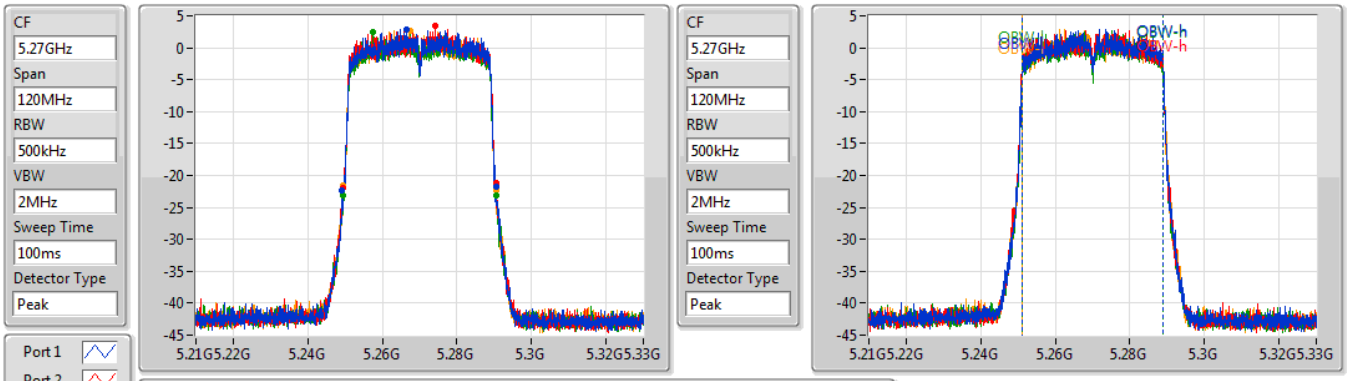


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.22M	5.20942G	5.25064G	37.661M	5.211229G	5.248891G	Inf	1
40.62M	5.20972G	5.25034G	37.721M	5.211169G	5.248891G	Inf	2
40.56M	5.2099G	5.25046G	37.721M	5.211169G	5.248891G	Inf	3
40.68M	5.20966G	5.25034G	37.721M	5.211169G	5.248891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

04/07/2020

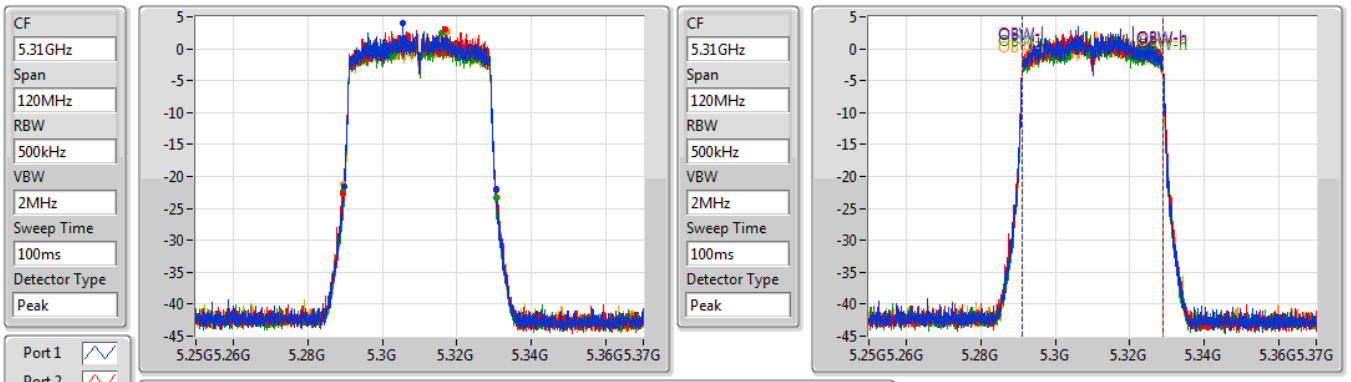


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.34M	5.24918G	5.29052G	37.661M	5.251229G	5.288891G	Inf	1
40.98M	5.2496G	5.29058G	37.721M	5.251169G	5.288891G	Inf	2
40.98M	5.2496G	5.29058G	37.601M	5.251229G	5.288831G	Inf	3
41.16M	5.24942G	5.29058G	37.721M	5.251169G	5.288891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

04/07/2020

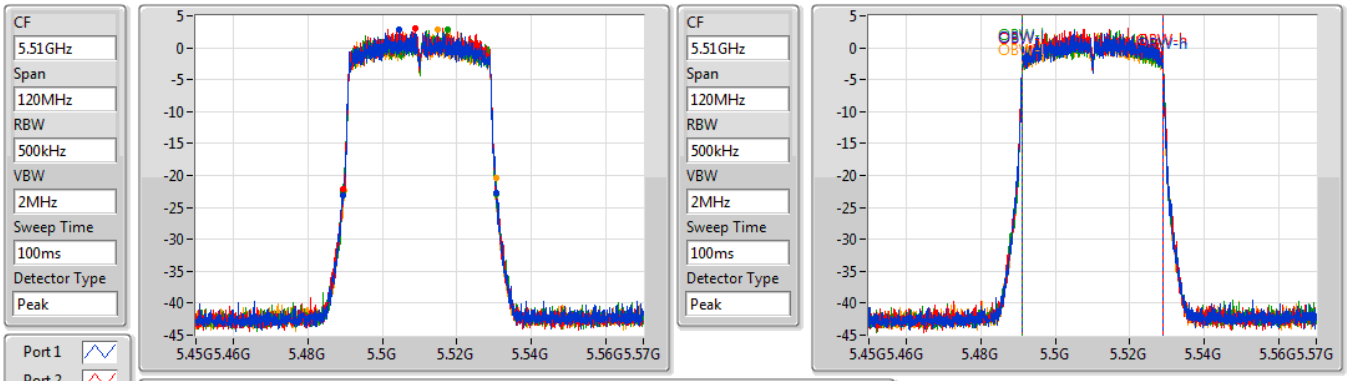


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.28972G	5.33046G	37.721M	5.291169G	5.328891G	Inf	1
41.1M	5.28948G	5.33058G	37.721M	5.291169G	5.328891G	Inf	2
40.98M	5.28948G	5.33046G	37.781M	5.291169G	5.328951G	Inf	3
41.28M	5.28954G	5.33082G	37.661M	5.291229G	5.328891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

04/07/2020

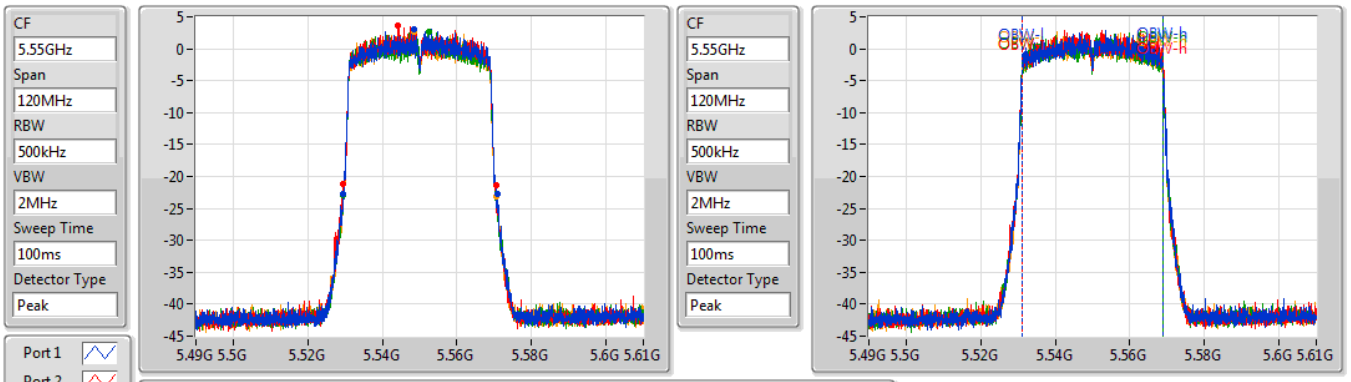


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.48942G	5.53052G	37.721M	5.491169G	5.528891G	Inf	1
40.92M	5.48954G	5.53046G	37.721M	5.491169G	5.528891G	Inf	2
41.28M	5.48936G	5.53064G	37.721M	5.491169G	5.528891G	Inf	3
40.98M	5.48972G	5.5307G	37.721M	5.491169G	5.528891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

04/07/2020

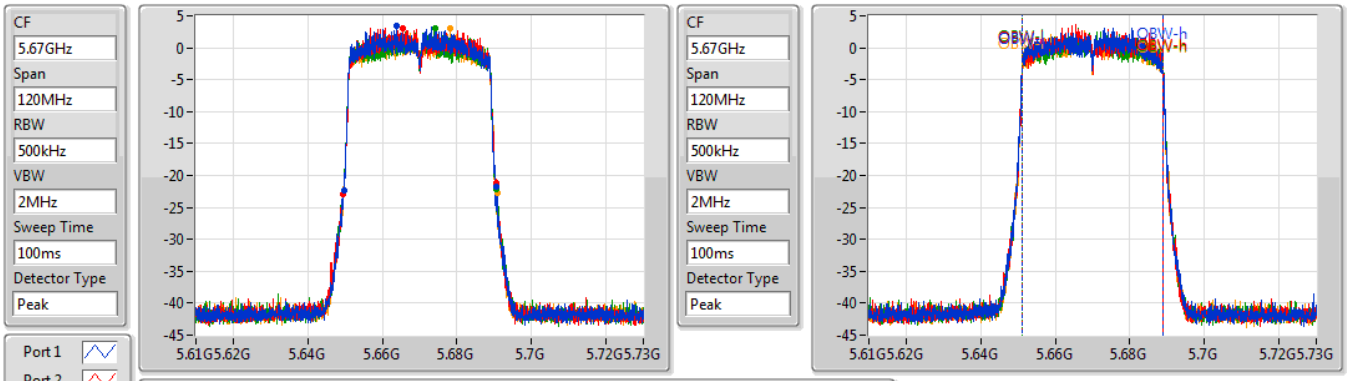


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.34M	5.52948G	5.57082G	37.781M	5.531109G	5.568891G	Inf	1
40.92M	5.52954G	5.57046G	37.721M	5.531169G	5.568891G	Inf	2
41.1M	5.52948G	5.57058G	37.721M	5.531169G	5.568891G	Inf	3
40.92M	5.5296G	5.57052G	37.661M	5.531169G	5.568831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

04/07/2020

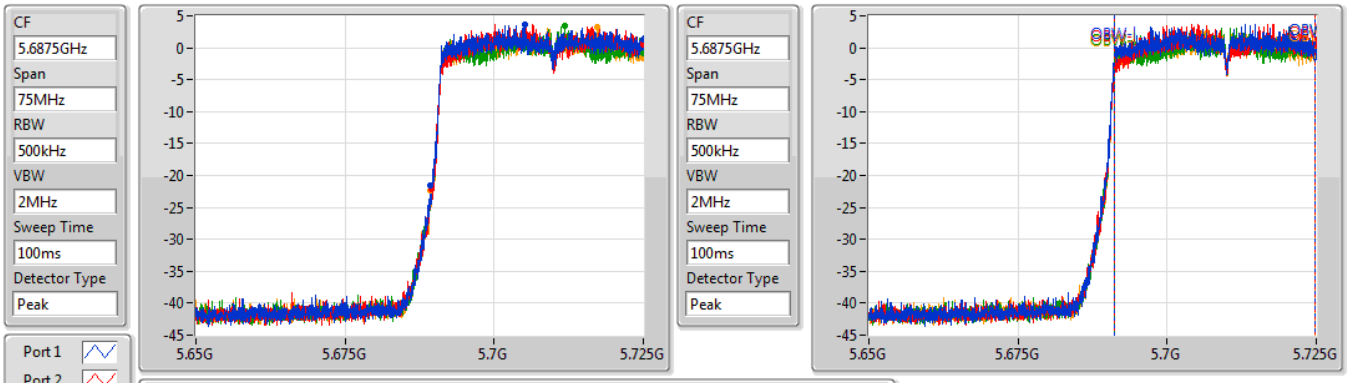


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.64966G	5.69046G	37.661M	5.651169G	5.688831G	Inf	1
41.22M	5.64948G	5.6907G	37.661M	5.651169G	5.688831G	Inf	2
41.04M	5.64936G	5.6904G	37.781M	5.651109G	5.688891G	Inf	3
41.4M	5.64942G	5.69082G	37.661M	5.651169G	5.688831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

04/07/2020

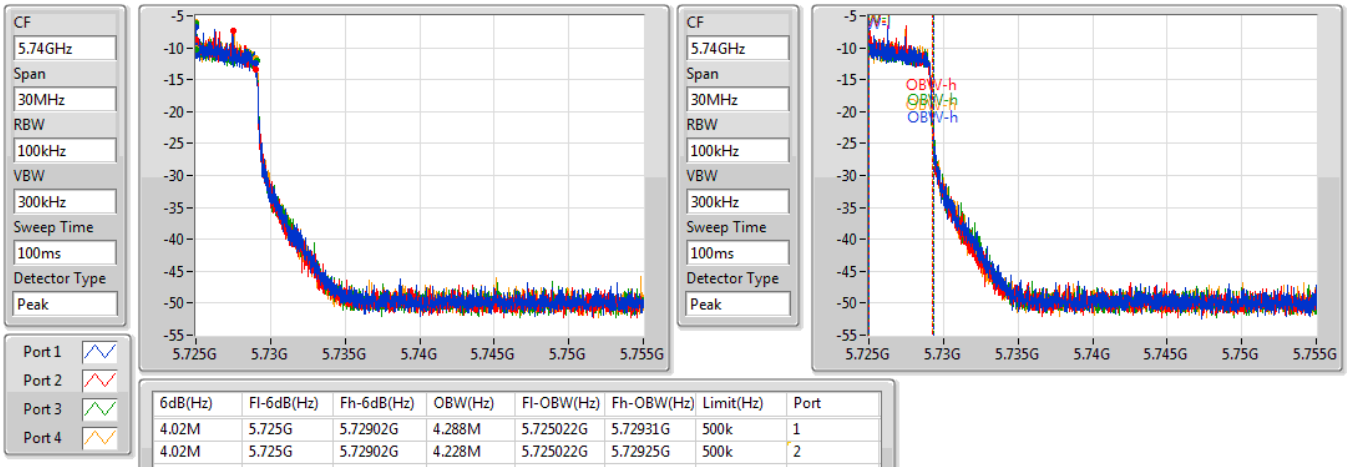


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.625M	5.689375G	5.725G	33.696M	5.691098G	5.724794G	Inf	1
35.513M	5.689488G	5.725G	33.621M	5.691173G	5.724794G	Inf	2
35.588M	5.689413G	5.725G	33.696M	5.691098G	5.724794G	Inf	3
35.738M	5.689263G	5.725G	33.696M	5.691098G	5.724794G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

04/07/2020

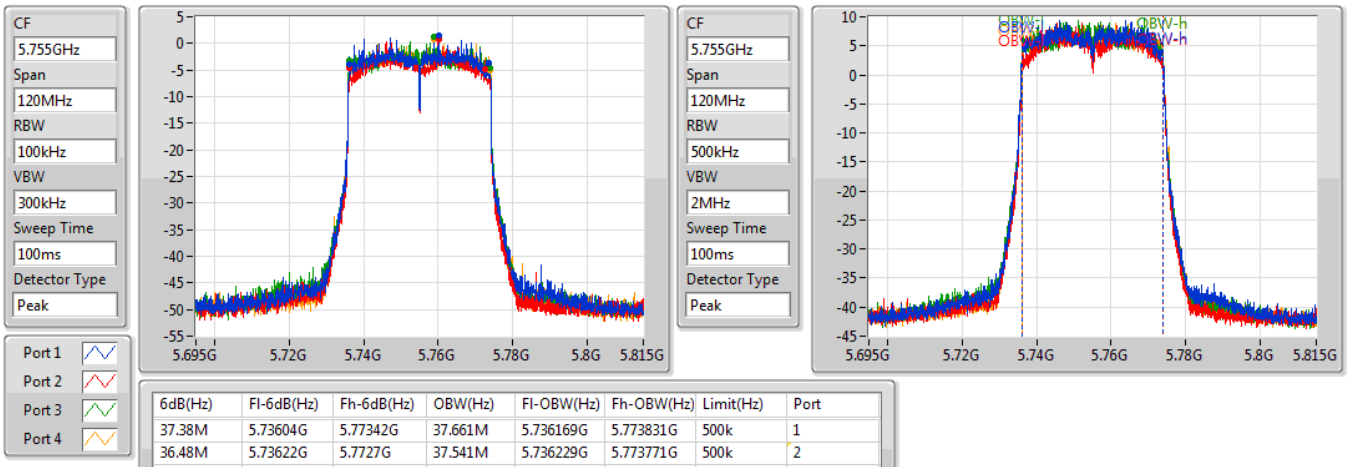


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.02M	5.725G	5.72902G	4.288M	5.725022G	5.72931G	500k	1
4.02M	5.725G	5.72902G	4.228M	5.725022G	5.72925G	500k	2
4.08M	5.725G	5.72908G	4.303M	5.725022G	5.729325G	500k	3
3.975M	5.725G	5.728975G	4.273M	5.725022G	5.729295G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

04/07/2020

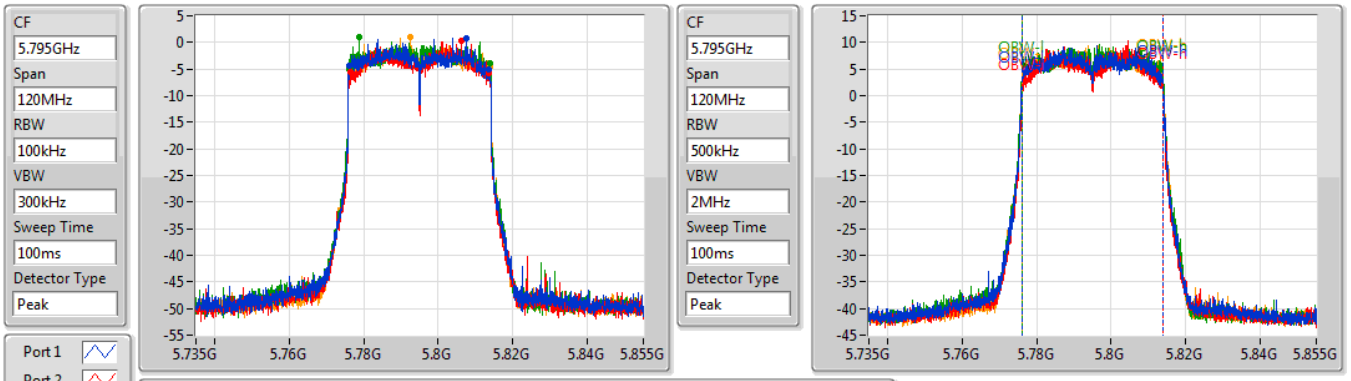


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.73604G	5.77342G	37.661M	5.736169G	5.773831G	500k	1
36.48M	5.73622G	5.7727G	37.541M	5.736229G	5.773771G	500k	2
37.74M	5.73616G	5.7739G	37.781M	5.736109G	5.773891G	500k	3
37.86M	5.7361G	5.77396G	37.781M	5.736109G	5.773891G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

04/07/2020

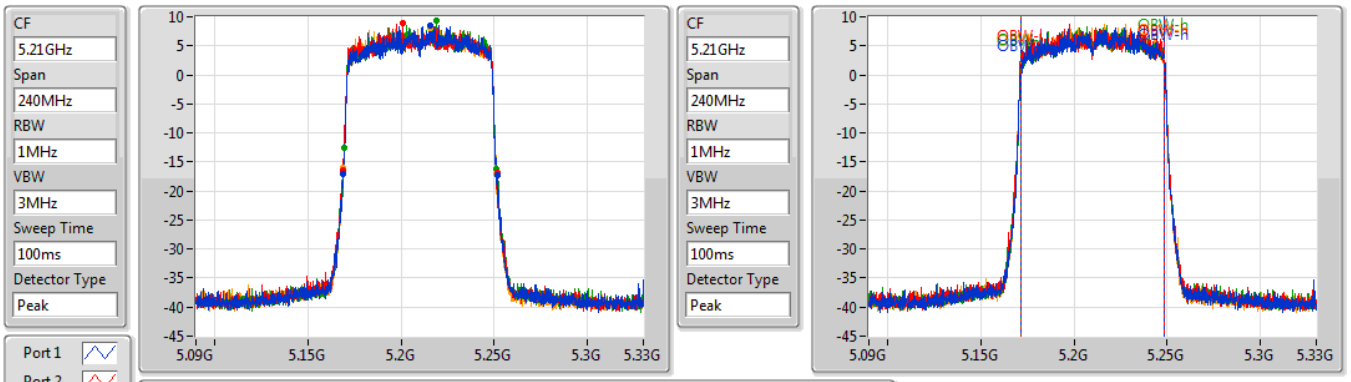


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.77604G	5.81342G	37.601M	5.776169G	5.813771G	500k	1
36.84M	5.77658G	5.81342G	37.541M	5.776229G	5.813771G	500k	2
37.86M	5.77598G	5.81384G	37.781M	5.776109G	5.813891G	500k	3
37.74M	5.77622G	5.81396G	37.721M	5.776169G	5.813891G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

04/07/2020

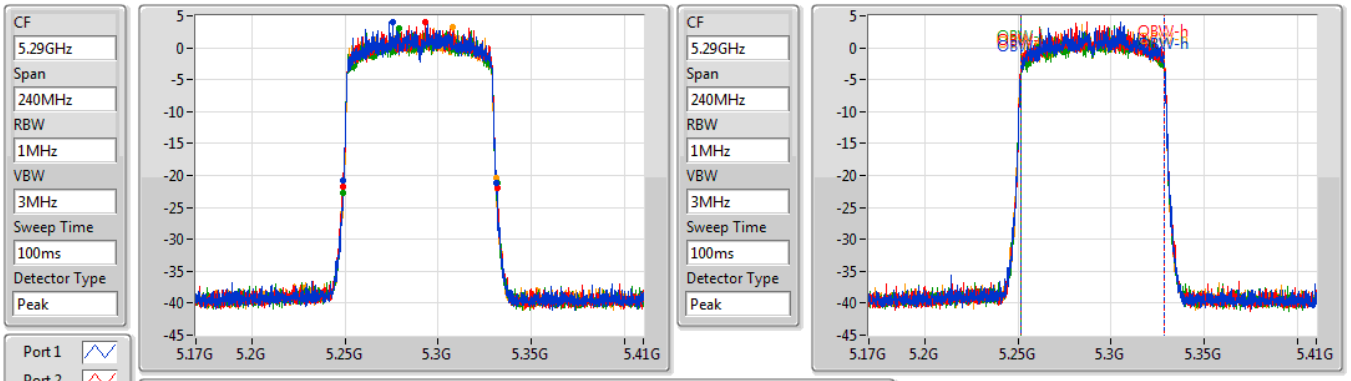


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.16896G	5.25152G	77.001M	5.171619G	5.248621G	Inf	1
82.56M	5.16896G	5.25152G	77.121M	5.171499G	5.248621G	Inf	2
81.72M	5.16944G	5.25116G	76.882M	5.171739G	5.248621G	Inf	3
82.08M	5.16896G	5.25104G	76.882M	5.171619G	5.248501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

04/07/2020

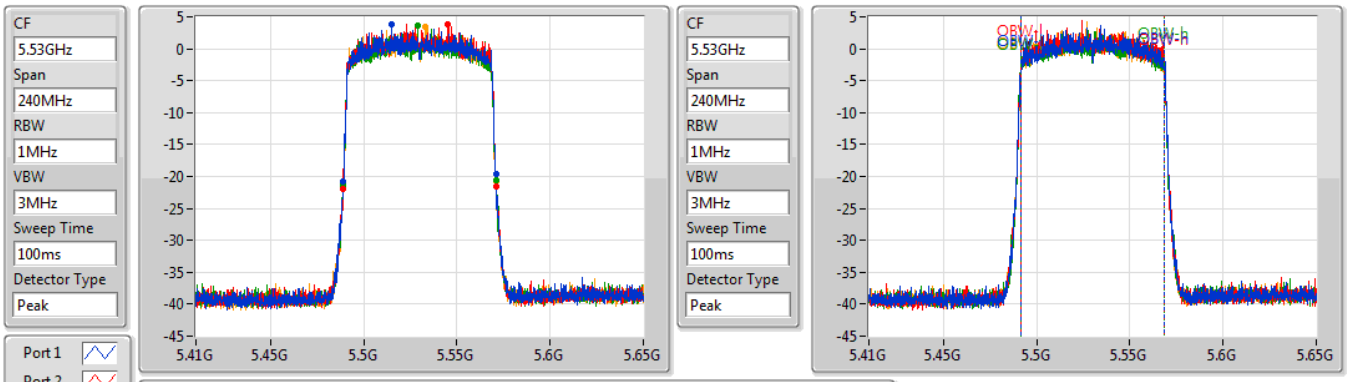


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.24908G	5.33128G	76.882M	5.251619G	5.328501G	Inf	1
82.68M	5.24884G	5.33152G	76.882M	5.251619G	5.328501G	Inf	2
82.92M	5.24872G	5.33164G	77.001M	5.251499G	5.328501G	Inf	3
82.08M	5.24896G	5.33104G	77.001M	5.251499G	5.328501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

04/07/2020

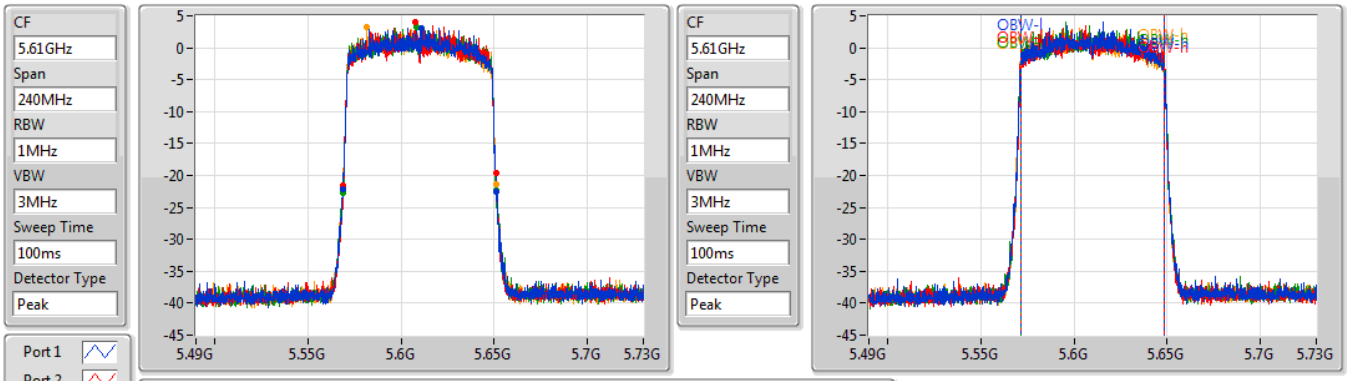


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48884G	5.57092G	77.121M	5.491499G	5.568621G	Inf	1
82.32M	5.48896G	5.57128G	77.001M	5.491499G	5.568501G	Inf	2
82.32M	5.48896G	5.57128G	77.121M	5.491499G	5.568621G	Inf	3
81.72M	5.4892G	5.57092G	77.001M	5.491499G	5.568501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

04/07/2020

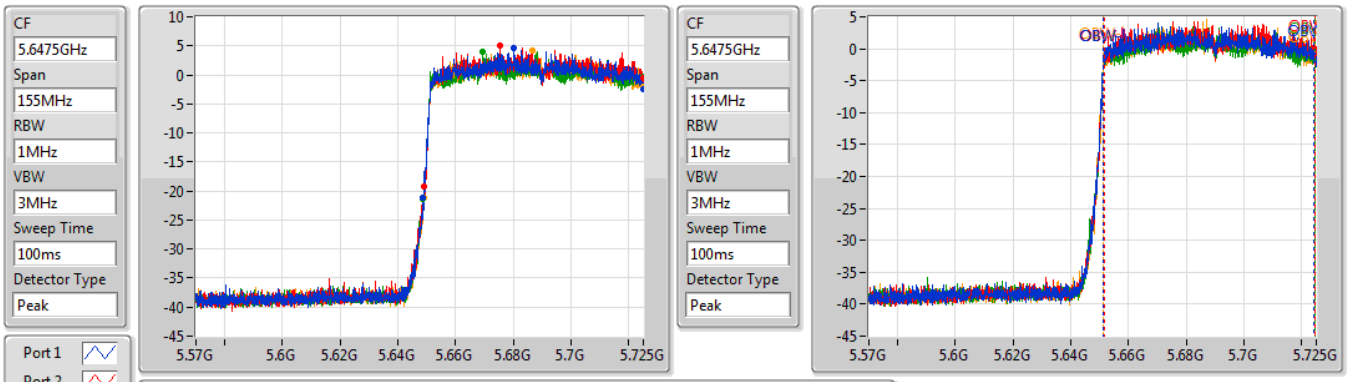


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.5686G	5.6514G	77.001M	5.571499G	5.648501G	Inf	1
82.68M	5.56872G	5.6514G	77.121M	5.571379G	5.648501G	Inf	2
82.56M	5.56872G	5.65128G	77.121M	5.571379G	5.648501G	Inf	3
82.44M	5.56872G	5.65116G	77.001M	5.571379G	5.648381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

04/07/2020

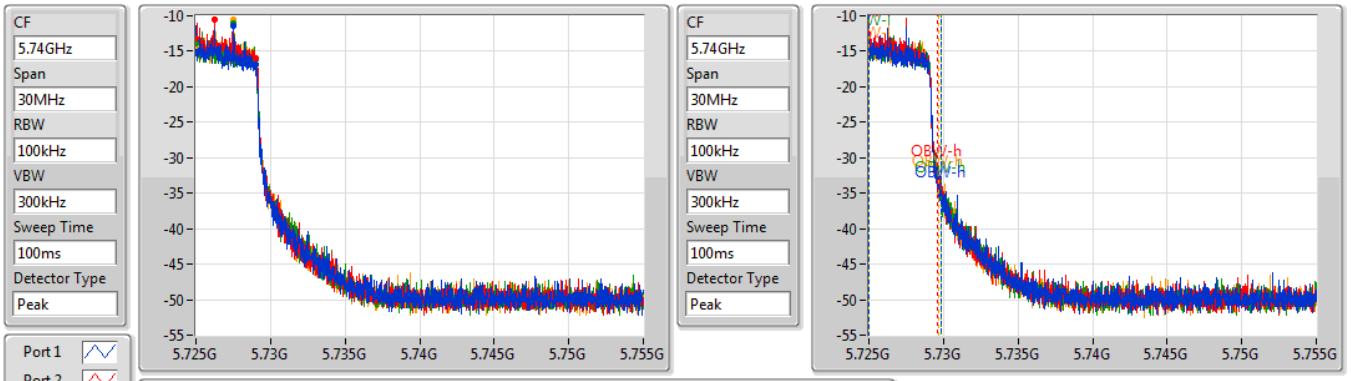


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.26M	5.64874G	5.725G	72.969M	5.651373G	5.724342G	Inf	1
75.95M	5.64905G	5.725G	72.969M	5.651528G	5.724497G	Inf	2
76.26M	5.64874G	5.725G	73.123M	5.651296G	5.724419G	Inf	3
76.183M	5.648818G	5.725G	73.046M	5.651373G	5.724419G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

04/07/2020

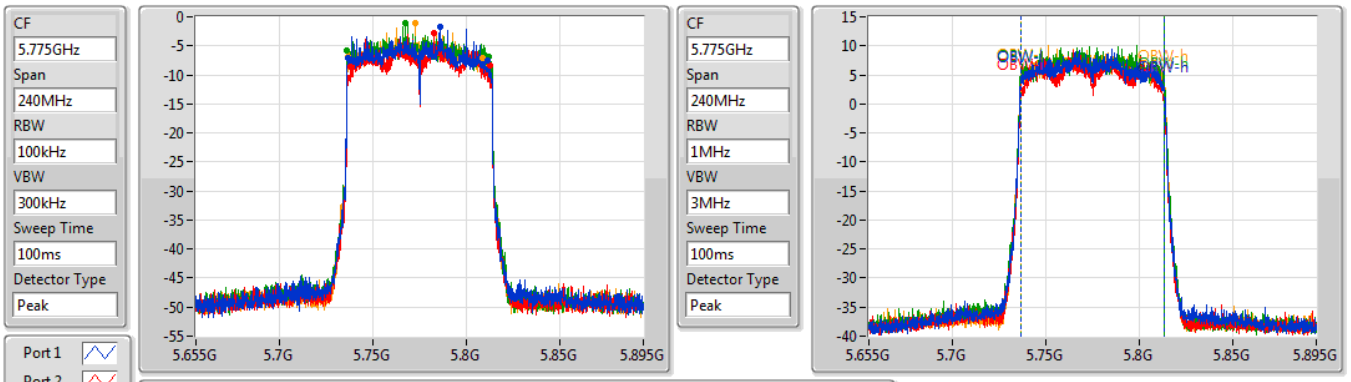


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.005M	5.725G	5.729005G	4.813M	5.725022G	5.729835G	500k	1
4.035M	5.725G	5.729035G	4.543M	5.725022G	5.729565G	500k	2
4.02M	5.725G	5.72902G	4.798M	5.725022G	5.72982G	500k	3
3.975M	5.725G	5.728975G	4.693M	5.725022G	5.729715G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

04/07/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.24M	5.73648G	5.81172G	76.762M	5.736499G	5.813261G	500k	1
74.76M	5.7378G	5.81256G	76.402M	5.736739G	5.813141G	500k	2
75.96M	5.736G	5.81196G	77.121M	5.736259G	5.813381G	500k	3
72.72M	5.73636G	5.80908G	77.001M	5.736499G	5.813501G	500k	4

<160MHz (80+80MHz)>:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	82.2M	77.121M	77M1D1D	81.72M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	82.08M	77.121M	77M1D1D	81.84M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW80+80_Nss2,(MCS0)_4TX	139.44M	77.481M	77M5D1D	81.84M	77.001M

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

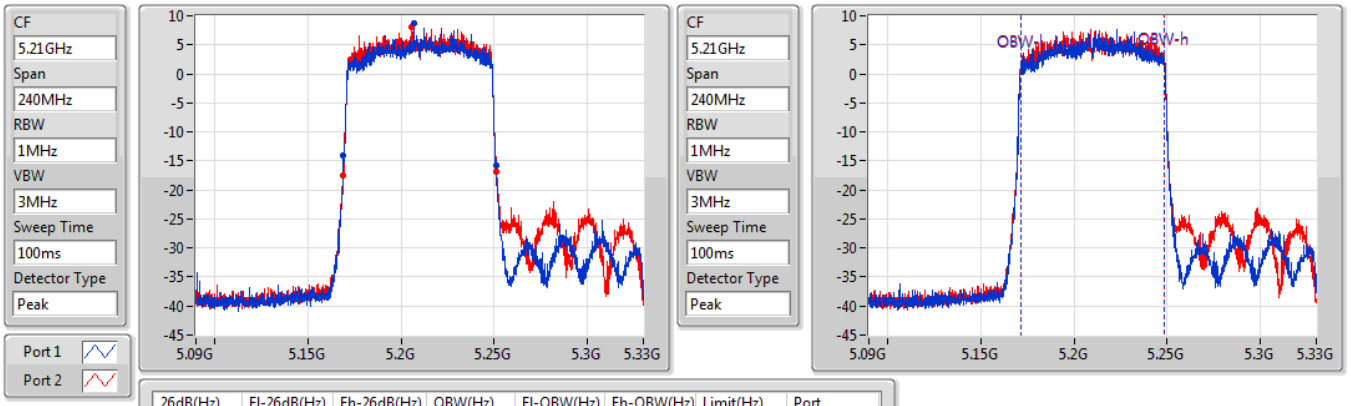
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	81.72M	77.121M	82.2M	77.001M				
5210MHz,#5290MHz	Pass	Inf					81.84M	77.001M	82.08M	77.121M
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	82.44M	77.241M	139.44M	77.481M	82.56M	77.001M	81.84M	77.001M

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 HEW80+80_Nss1,(MCS0)_4TX EBW

#5210MHz,5290MHz

04/07/2020

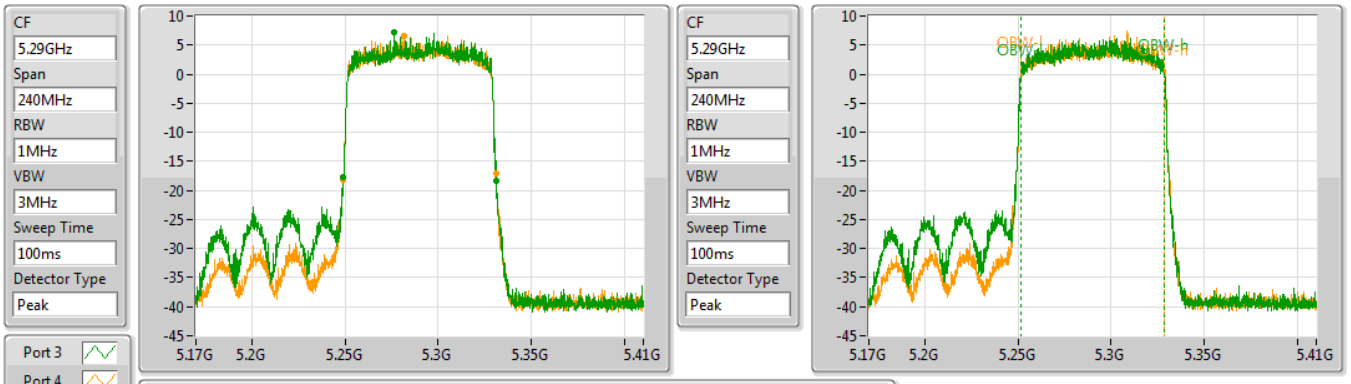


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.72M	5.1692G	5.25092G	77.121M	5.171619G	5.248741G	Inf	1
82.2M	5.1692G	5.2514G	77.001M	5.171619G	5.248621G	Inf	2

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

5210MHz,#5290MHz

04/07/2020

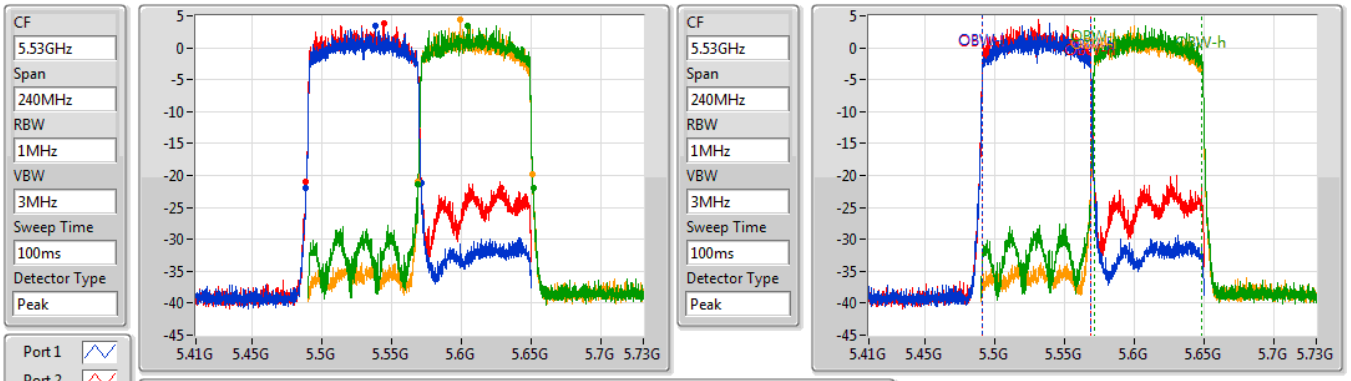


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.2492G	5.33104G	77.001M	5.251499G	5.328501G	Inf	3
82.08M	5.24896G	5.33104G	77.121M	5.251499G	5.328621G	Inf	4

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

#5530MHz,#5610MHz

04/07/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.44M	5.48884G	5.57128G	77.241M	5.491379G	5.568621G	Inf	1
139.44M	5.48884G	5.62828G	77.481M	5.491499G	5.568981G	Inf	2
82.56M	5.56872G	5.65128G	77.001M	5.571379G	5.648381G	Inf	3
81.84M	5.56908G	5.65092G	77.001M	5.571379G	5.648381G	Inf	4

For Internal antenna
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.58M	16.432M	16M4D1D	19.89M	16.342M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.2M	18.951M	19M0D1D	21.45M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.22M	37.781M	37M8D1D	40.56M	37.661M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.56M	77.121M	77M1D1D	82.08M	77.121M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.67M	16.432M	16M4D1D	20.01M	16.342M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.9M	18.951M	19M0D1D	21.09M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.46M	37.721M	37M7D1D	40.56M	37.661M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.68M	77.121M	77M1D1D	82.32M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.55M	16.402M	16M4D1D	15.155M	13.118M
802.11ax HEW20_Nss1,(MCS0)_4TX	22.02M	18.951M	19M0D1D	15.593M	14.395M
802.11ax HEW40_Nss1,(MCS0)_4TX	41.7M	37.841M	37M8D1D	35.325M	33.583M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.92M	77.121M	77M1D1D	75.95M	72.891M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.32M	16.432M	16M4D1D	3.135M	3.658M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.69M	18.981M	19M0D1D	4.065M	4.618M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.8M	37.721M	37M7D1D	3.975M	4.198M
802.11ax HEW80_Nss1,(MCS0)_4TX	75.96M	77.121M	77M1D1D	3.87M	4.348M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	20.43M	16.402M	19.98M	16.372M	20.43M	16.432M	20.58M	16.402M
5200MHz	Pass	Inf	19.89M	16.342M	20.01M	16.342M	19.92M	16.372M	20.58M	16.372M
5240MHz	Pass	Inf	20.34M	16.372M	20.43M	16.372M	20.37M	16.402M	20.37M	16.432M
5260MHz	Pass	Inf	20.43M	16.372M	20.25M	16.372M	20.01M	16.372M	20.25M	16.372M
5300MHz	Pass	Inf	20.19M	16.342M	20.01M	16.372M	20.16M	16.402M	20.37M	16.432M
5320MHz	Pass	Inf	20.46M	16.402M	20.22M	16.402M	20.16M	16.432M	20.67M	16.432M
5500MHz	Pass	Inf	20.31M	16.372M	20.25M	16.402M	20.16M	16.402M	20.55M	16.372M
5580MHz	Pass	Inf	20.31M	16.402M	20.28M	16.402M	20.25M	16.402M	20.34M	16.402M
5700MHz	Pass	Inf	20.4M	16.402M	20.52M	16.402M	19.86M	16.342M	19.86M	16.372M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.278M	13.153M	15.155M	13.118M	15.155M	13.171M	15.19M	13.188M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	3.688M	3.135M	3.658M	3.15M	3.778M	3.135M	3.688M
5745MHz	Pass	500k	16.29M	16.372M	16.29M	16.432M	15.63M	16.372M	16.32M	16.402M
5785MHz	Pass	500k	15.99M	16.402M	15.36M	16.282M	15.72M	16.372M	16.29M	16.402M
5825MHz	Pass	500k	15.9M	16.372M	15.42M	16.282M	15.9M	16.372M	16.29M	16.402M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.72M	18.921M	22.08M	18.921M	21.57M	18.891M	22.11M	18.891M
5200MHz	Pass	Inf	21.72M	18.951M	21.69M	18.891M	21.57M	18.921M	22.2M	18.921M
5240MHz	Pass	Inf	21.45M	18.921M	21.45M	18.891M	21.54M	18.891M	21.69M	18.891M
5260MHz	Pass	Inf	21.6M	18.921M	21.9M	18.951M	21.09M	18.891M	21.6M	18.921M
5300MHz	Pass	Inf	21.51M	18.891M	21.57M	18.951M	21.69M	18.921M	21.54M	18.921M
5320MHz	Pass	Inf	21.51M	18.921M	21.84M	18.951M	21.57M	18.951M	21.36M	18.891M
5500MHz	Pass	Inf	21.99M	18.921M	21.78M	18.921M	21.63M	18.891M	21.75M	18.951M
5580MHz	Pass	Inf	21.87M	18.921M	21.87M	18.921M	20.97M	18.891M	21.84M	18.921M
5700MHz	Pass	Inf	21.36M	18.891M	21.12M	18.831M	22.02M	18.921M	21.69M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.733M	14.43M	15.68M	14.395M	15.943M	14.465M	15.593M	14.43M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.38M	4.633M	4.065M	4.618M	4.455M	4.648M	4.545M	4.633M
5745MHz	Pass	500k	18.69M	18.981M	17.67M	18.831M	18.09M	18.861M	18.54M	18.921M
5785MHz	Pass	500k	18.12M	18.861M	16.35M	18.831M	18.45M	18.921M	18.42M	18.921M
5825MHz	Pass	500k	18.09M	18.891M	18.36M	18.921M	17.67M	18.921M	18.69M	18.921M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.74M	37.721M	41.22M	37.781M	41.22M	37.781M	40.86M	37.781M
5230MHz	Pass	Inf	41.1M	37.661M	40.98M	37.661M	40.56M	37.721M	40.98M	37.721M
5270MHz	Pass	Inf	40.8M	37.721M	41.04M	37.661M	40.56M	37.721M	41.1M	37.661M
5310MHz	Pass	Inf	40.86M	37.721M	41.4M	37.721M	41.1M	37.721M	41.46M	37.721M
5510MHz	Pass	Inf	41.1M	37.781M	41.22M	37.721M	41.04M	37.721M	41.58M	37.661M
5550MHz	Pass	Inf	41.7M	37.721M	41.28M	37.661M	41.34M	37.721M	41.46M	37.721M
5670MHz	Pass	Inf	40.98M	37.661M	40.74M	37.661M	41.28M	37.841M	41.1M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.475M	33.733M	35.325M	33.583M	35.888M	33.808M	35.775M	33.658M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.11M	4.198M	4.125M	4.198M	3.975M	4.243M	4.065M	4.243M
5755MHz	Pass	500k	37.44M	37.601M	37.14M	37.541M	37.32M	37.721M	37.8M	37.721M
5795MHz	Pass	500k	36.54M	37.601M	34.44M	37.541M	37.8M	37.721M	37.5M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.08M	77.121M	82.44M	77.121M	82.56M	77.121M	82.2M	77.121M

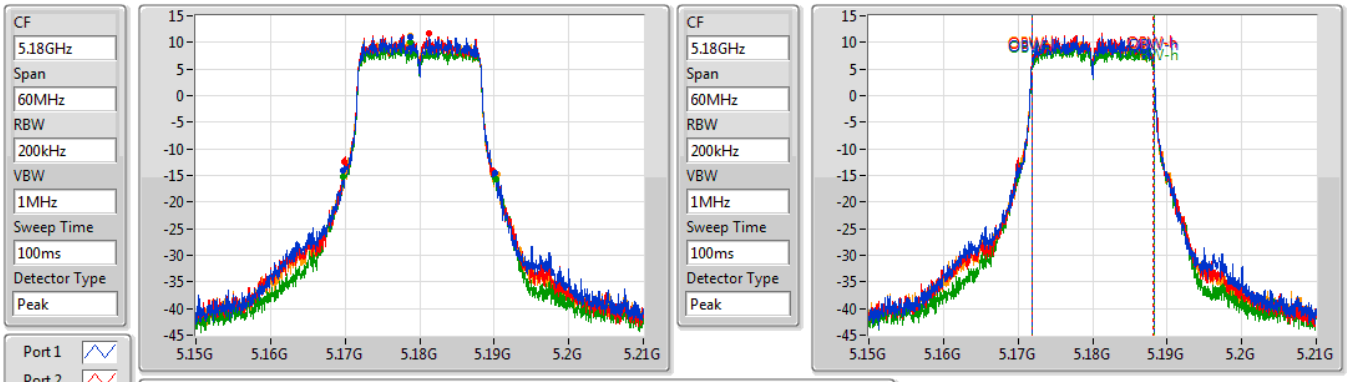
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5290MHz	Pass	Inf	82.32M	76.882M	82.68M	77.121M	82.44M	77.001M	82.44M	77.001M
5530MHz	Pass	Inf	82.92M	77.121M	82.44M	77.001M	82.32M	77.001M	82.44M	77.001M
5610MHz	Pass	Inf	82.56M	77.001M	82.32M	76.882M	81.96M	77.121M	82.2M	77.001M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.26M	73.123M	75.95M	72.891M	76.415M	73.201M	76.338M	73.046M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.08M	4.393M	3.87M	4.348M	4.065M	4.423M	4.065M	4.408M
5775MHz	Pass	500k	75.24M	76.762M	68.52M	76.642M	75.96M	77.121M	70.68M	77.001M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

14/08/2020

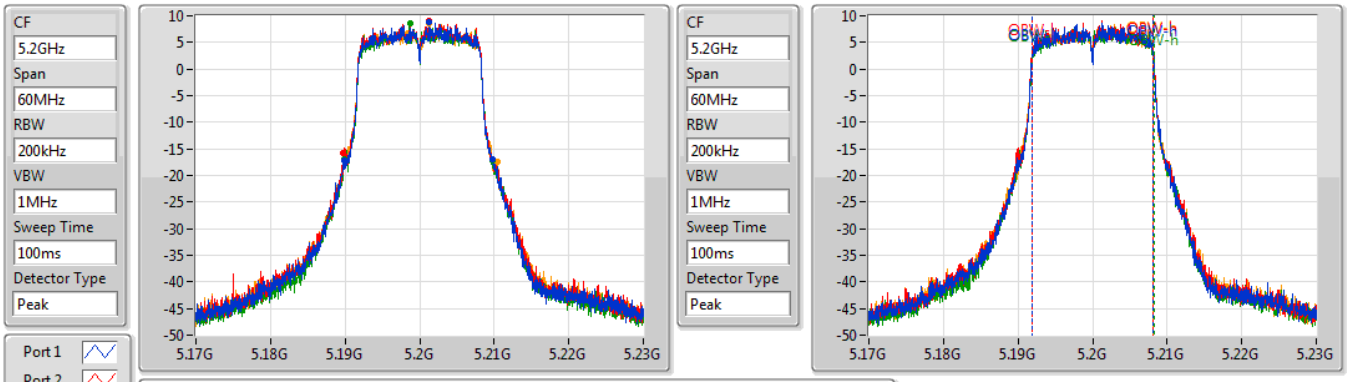


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.16971G	5.19014G	16.402M	5.171814G	5.188216G	Inf	1
19.98M	5.16983G	5.18981G	16.372M	5.171814G	5.188186G	Inf	2
20.43M	5.16977G	5.1902G	16.432M	5.171814G	5.188246G	Inf	3
20.58M	5.16989G	5.19047G	16.402M	5.171814G	5.188216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

14/08/2020

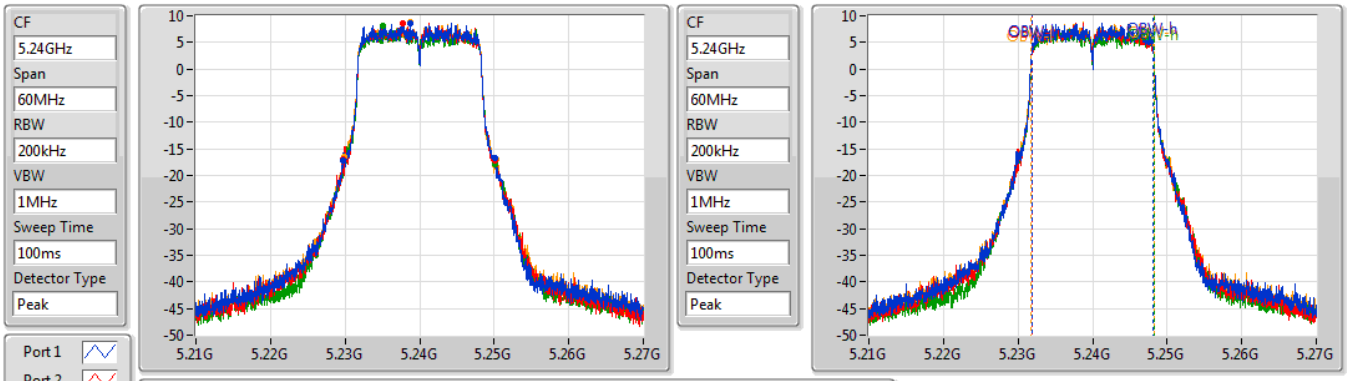


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.89M	5.18983G	5.20972G	16.342M	5.191844G	5.208186G	Inf	1
20.01M	5.1898G	5.20981G	16.342M	5.191844G	5.208186G	Inf	2
19.92M	5.18986G	5.20978G	16.372M	5.191844G	5.208216G	Inf	3
20.58M	5.18986G	5.21044G	16.372M	5.191814G	5.208186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

14/08/2020

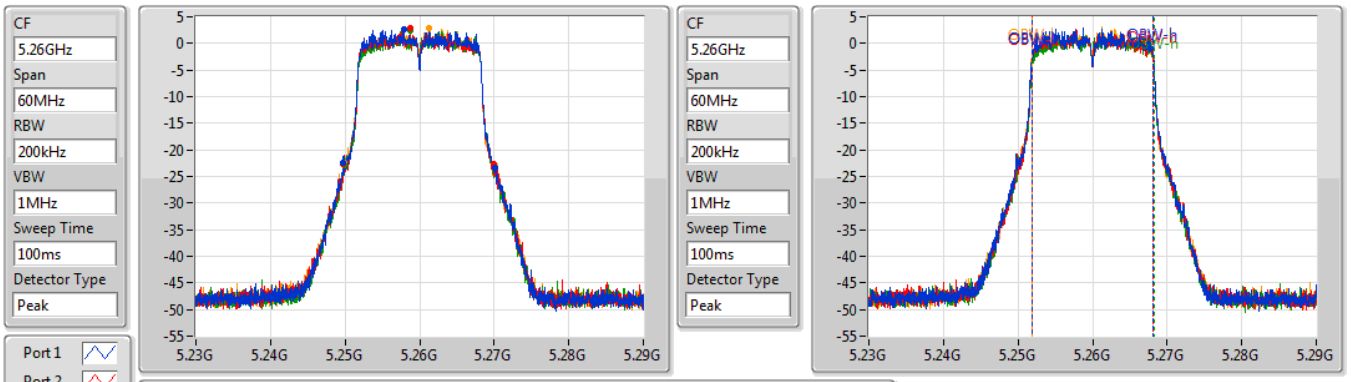


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.22977G	5.25011G	16.372M	5.231814G	5.248186G	Inf	1
20.43M	5.22974G	5.25017G	16.372M	5.231814G	5.248186G	Inf	2
20.37M	5.2298G	5.25017G	16.402M	5.231814G	5.248216G	Inf	3
20.37M	5.22986G	5.25023G	16.432M	5.231784G	5.248216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

14/08/2020

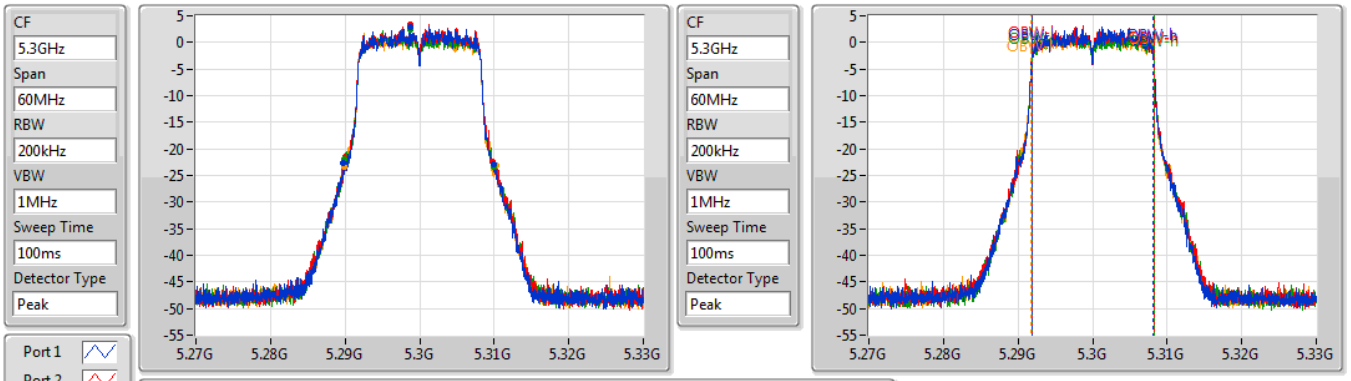


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.43M	5.24971G	5.27014G	16.372M	5.251814G	5.268186G	Inf	1
20.25M	5.24974G	5.26999G	16.372M	5.251814G	5.268186G	Inf	2
20.01M	5.24986G	5.26987G	16.372M	5.251844G	5.268216G	Inf	3
20.25M	5.24989G	5.27014G	16.372M	5.251814G	5.268186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

14/08/2020

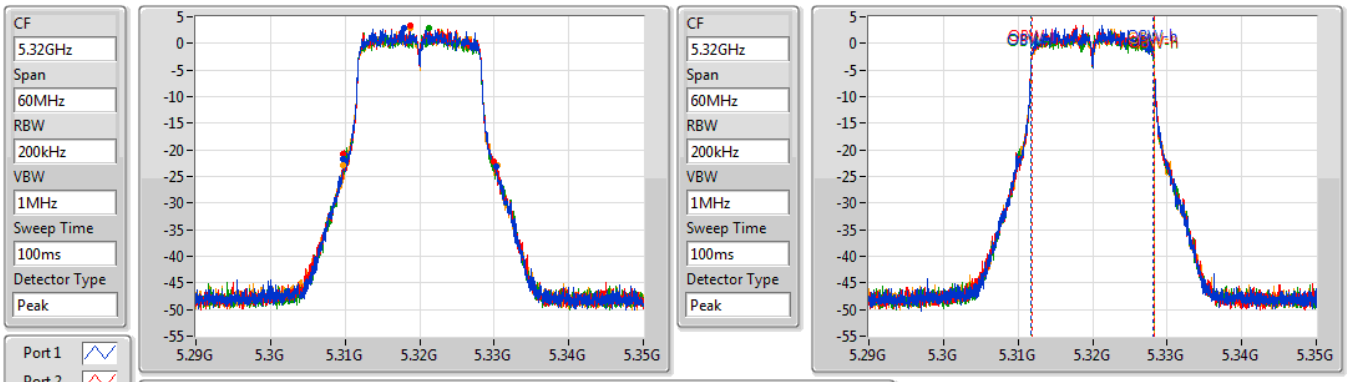


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.19M	5.2898G	5.30999G	16.342M	5.291844G	5.308186G	Inf	1
20.01M	5.28974G	5.30975G	16.372M	5.291844G	5.308216G	Inf	2
20.16M	5.28986G	5.31002G	16.402M	5.291814G	5.308216G	Inf	3
20.37M	5.28986G	5.31023G	16.432M	5.291784G	5.308216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

14/08/2020

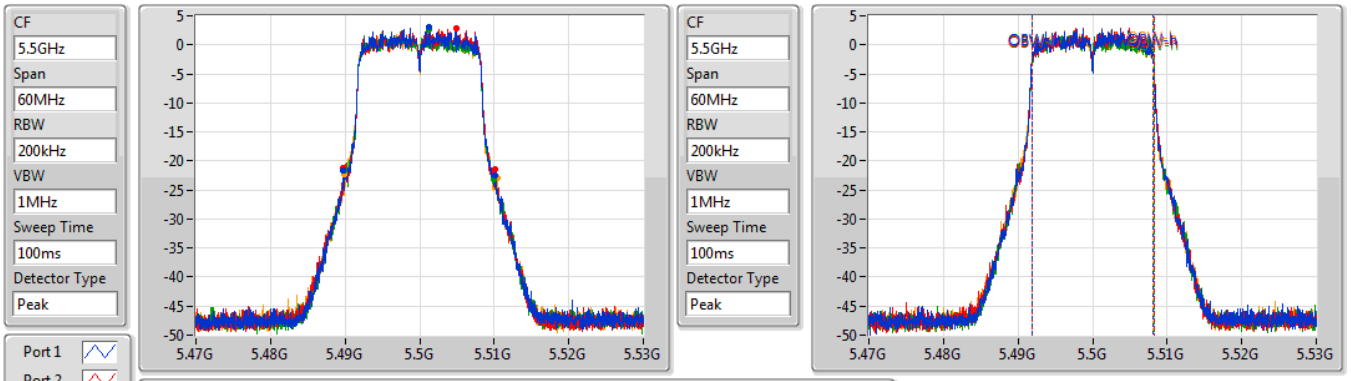


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.46M	5.30974G	5.3302G	16.402M	5.311784G	5.328186G	Inf	1
20.22M	5.3098G	5.33002G	16.402M	5.311814G	5.328216G	Inf	2
20.16M	5.30986G	5.33002G	16.432M	5.311784G	5.328216G	Inf	3
20.67M	5.3098G	5.33047G	16.432M	5.311784G	5.328216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

14/08/2020

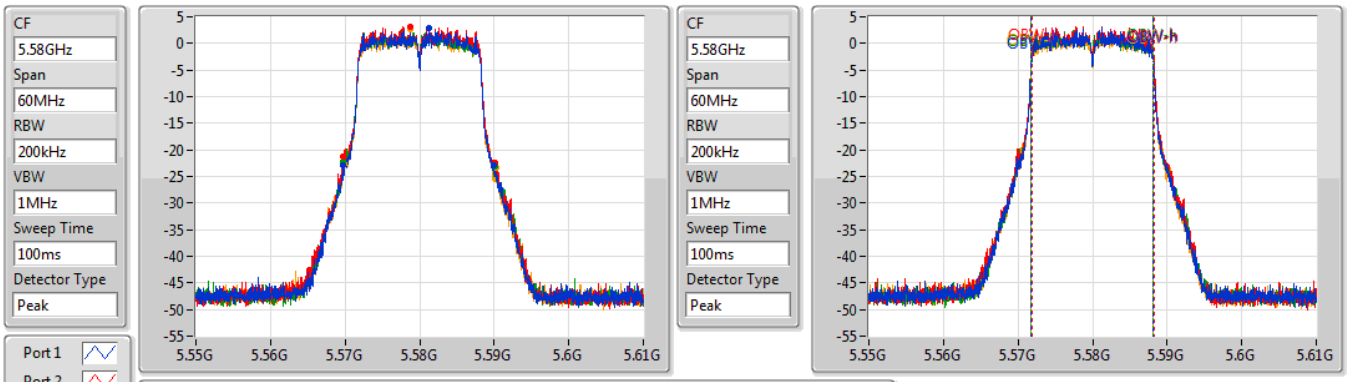


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.31M	5.48977G	5.51008G	16.372M	5.491814G	5.508186G	Inf	1
20.25M	5.4898G	5.51005G	16.402M	5.491814G	5.508216G	Inf	2
20.16M	5.48986G	5.51002G	16.402M	5.491814G	5.508216G	Inf	3
20.55M	5.48989G	5.51044G	16.372M	5.491814G	5.508186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

14/08/2020

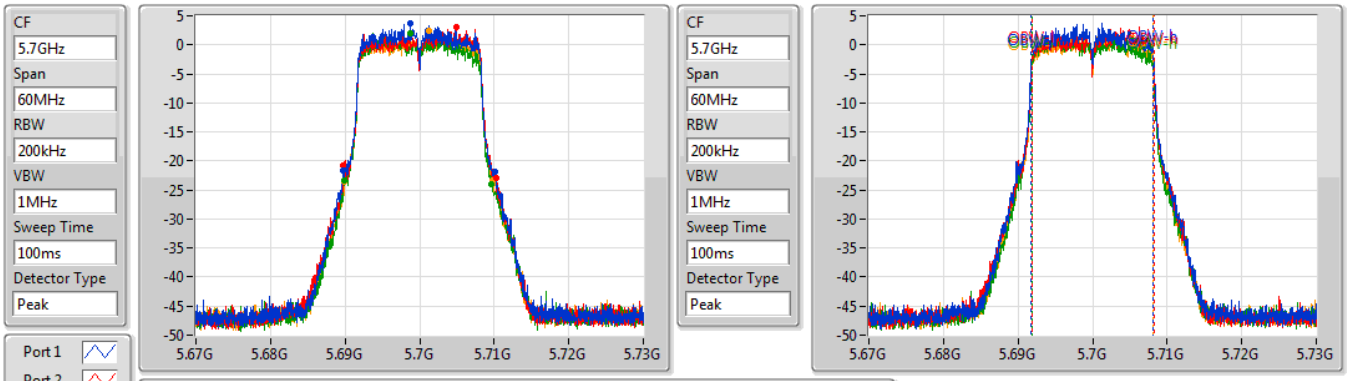


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.31M	5.56971G	5.59002G	16.402M	5.571784G	5.588186G	Inf	1
20.28M	5.56977G	5.59005G	16.402M	5.571814G	5.588216G	Inf	2
20.25M	5.5698G	5.59005G	16.402M	5.571784G	5.588186G	Inf	3
20.34M	5.56986G	5.5902G	16.402M	5.571784G	5.588186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

14/08/2020

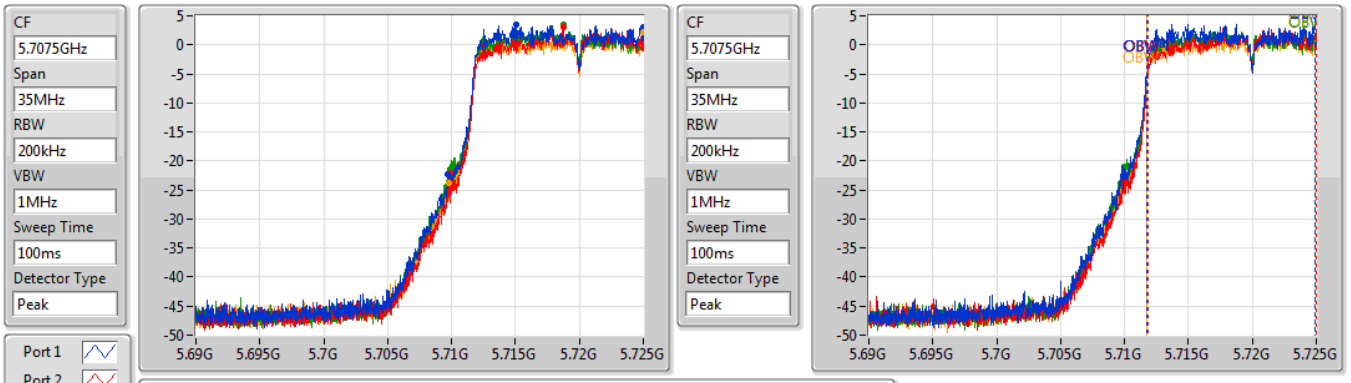


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.68971G	5.71011G	16.402M	5.691784G	5.708186G	Inf	1
20.52M	5.6898G	5.71032G	16.402M	5.691814G	5.708216G	Inf	2
19.86M	5.68983G	5.70969G	16.342M	5.691814G	5.708156G	Inf	3
19.86M	5.68986G	5.70972G	16.372M	5.691814G	5.708186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

14/08/2020



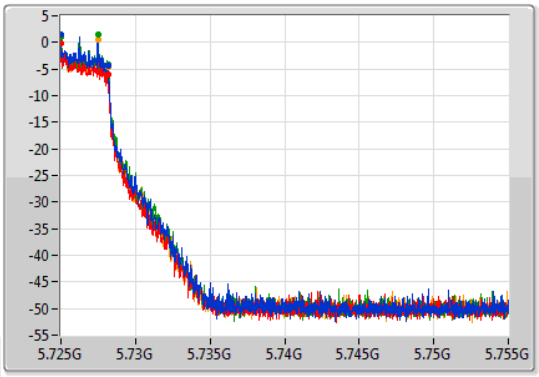
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.278M	5.709723G	5.725G	13.153M	5.711768G	5.724921G	Inf	1
15.155M	5.709845G	5.725G	13.118M	5.711838G	5.724956G	Inf	2
15.155M	5.709845G	5.725G	13.171M	5.711768G	5.724939G	Inf	3
15.19M	5.70981G	5.725G	13.188M	5.71175G	5.724939G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

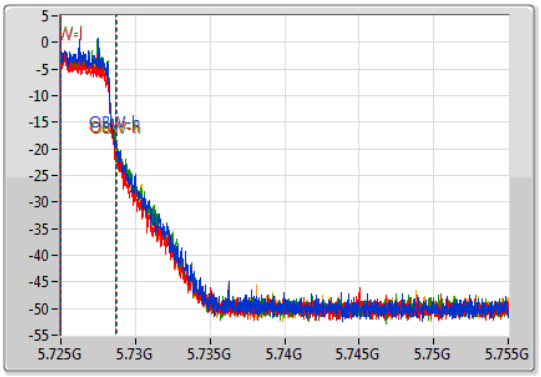
5720MHz Straddle 5.725-5.85GHz

14/08/2020

CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



Port 1
Port 2
Port 3
Port 4

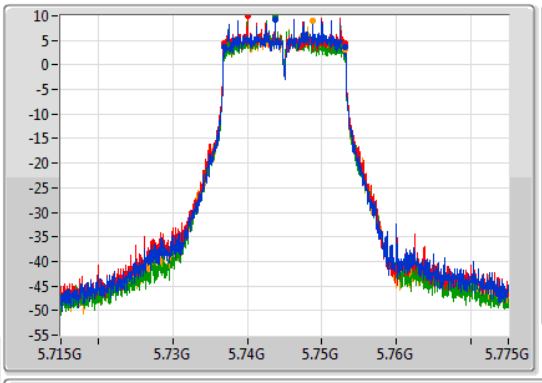
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.15M	5.725G	5.72815G	3.688M	5.725007G	5.728696G	500k	1
3.135M	5.725G	5.728135G	3.658M	5.725007G	5.728666G	500k	2
3.15M	5.725G	5.72815G	3.778M	5.725007G	5.728786G	500k	3
3.135M	5.725G	5.728135G	3.688M	5.725007G	5.728696G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

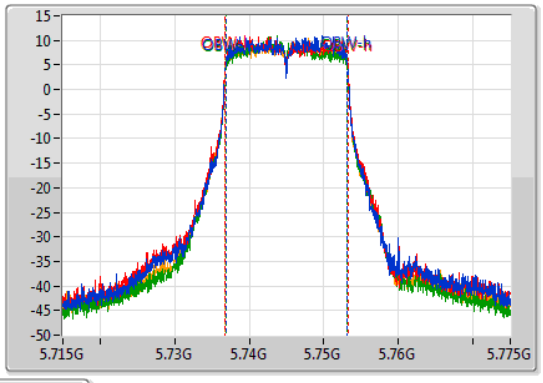
5745MHz

14/08/2020

CF	5.745GHz
Span	60MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



CF	5.745GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



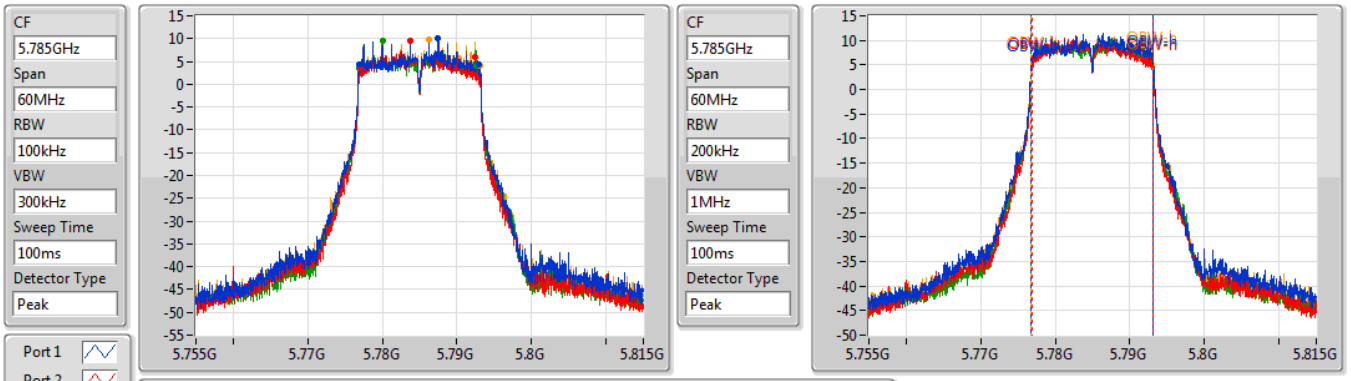
Port 1
Port 2
Port 3
Port 4

6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73684G	5.75313G	16.372M	5.736814G	5.753186G	500k	1
16.29M	5.73684G	5.75313G	16.432M	5.736784G	5.753216G	500k	2
15.63M	5.73723G	5.75286G	16.372M	5.736814G	5.753186G	500k	3
16.32M	5.73684G	5.75316G	16.402M	5.736784G	5.753186G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

14/08/2020

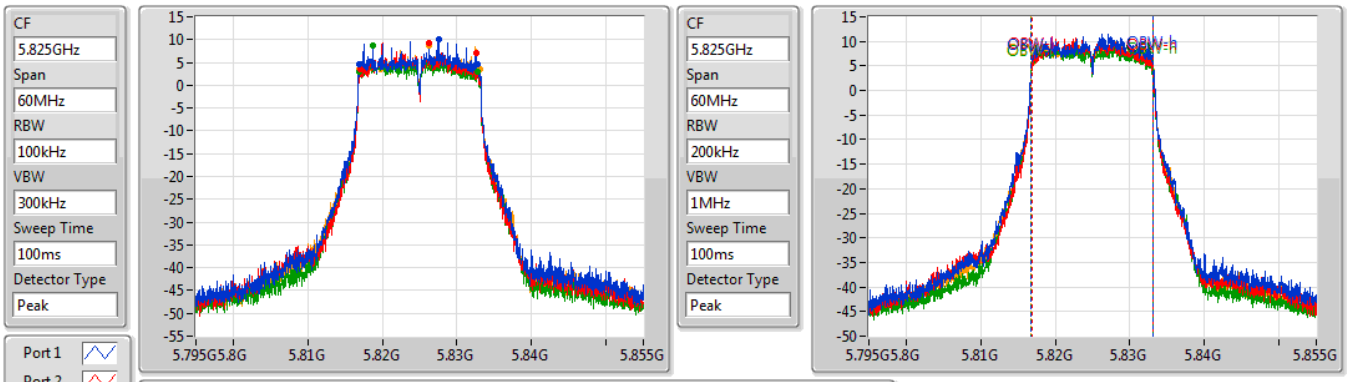


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.99M	5.77687G	5.79286G	16.402M	5.776784G	5.793186G	500k	1
15.36M	5.77711G	5.79247G	16.282M	5.776844G	5.793126G	500k	2
15.72M	5.77684G	5.79256G	16.372M	5.776784G	5.793156G	500k	3
16.29M	5.77684G	5.79313G	16.402M	5.776784G	5.793186G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

14/08/2020

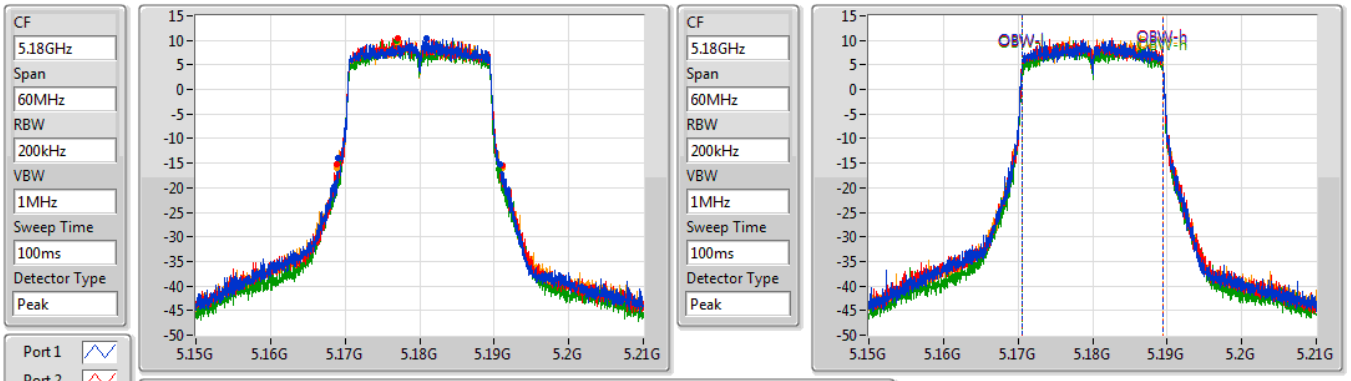


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.9M	5.81684G	5.83274G	16.372M	5.816784G	5.833156G	500k	1
15.42M	5.81711G	5.83253G	16.282M	5.816844G	5.833126G	500k	2
15.9M	5.81684G	5.83274G	16.372M	5.816784G	5.833156G	500k	3
16.29M	5.81684G	5.83313G	16.402M	5.816784G	5.833186G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5180MHz

14/08/2020

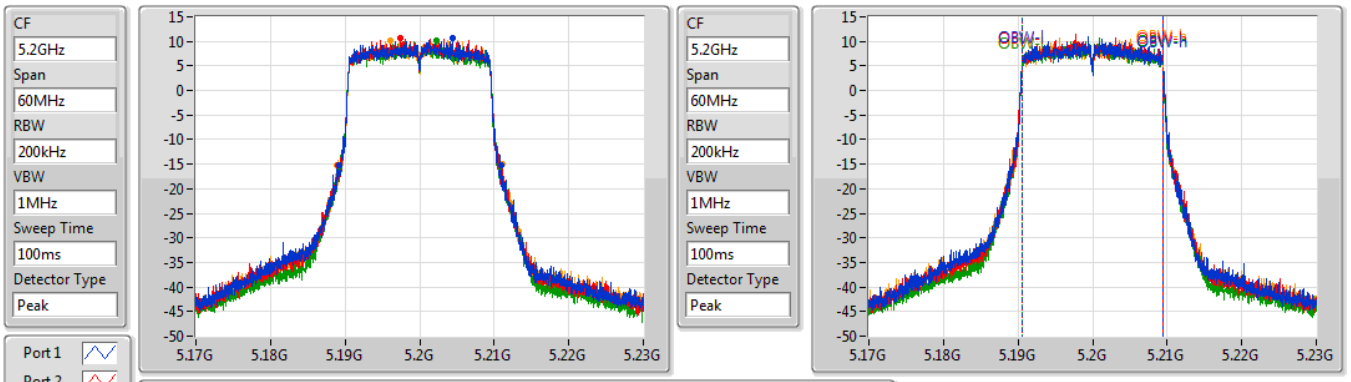


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.16911G	5.19083G	18.921M	5.170525G	5.189445G	Inf	1
22.08M	5.16896G	5.19104G	18.921M	5.170525G	5.189445G	Inf	2
21.57M	5.16908G	5.19065G	18.891M	5.170555G	5.189445G	Inf	3
22.11M	5.16896G	5.19107G	18.891M	5.170555G	5.189445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5200MHz

14/08/2020

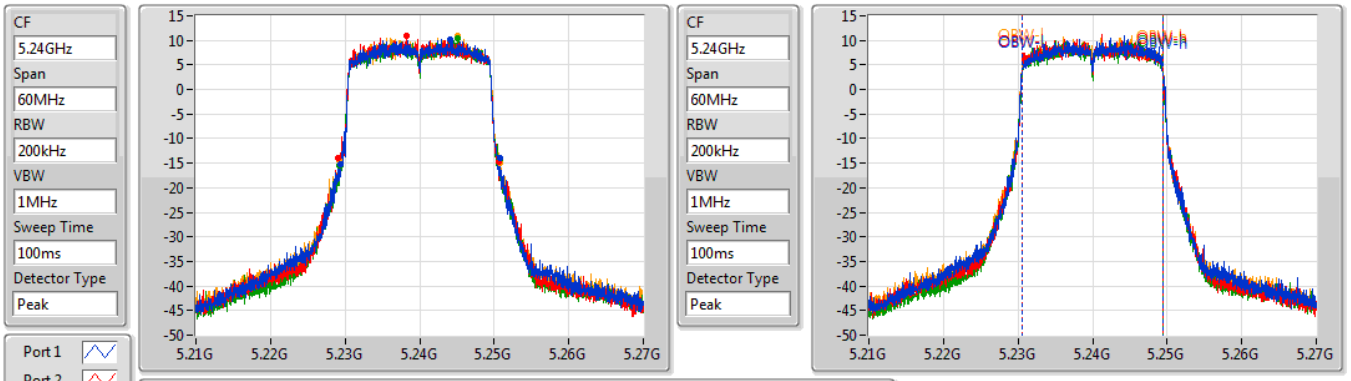


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.72M	5.1892G	5.21092G	18.951M	5.190525G	5.209475G	Inf	1
21.69M	5.18911G	5.2108G	18.891M	5.190555G	5.209445G	Inf	2
21.57M	5.18929G	5.21086G	18.921M	5.190525G	5.209445G	Inf	3
22.2M	5.18884G	5.21104G	18.921M	5.190525G	5.209445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5240MHz

14/08/2020

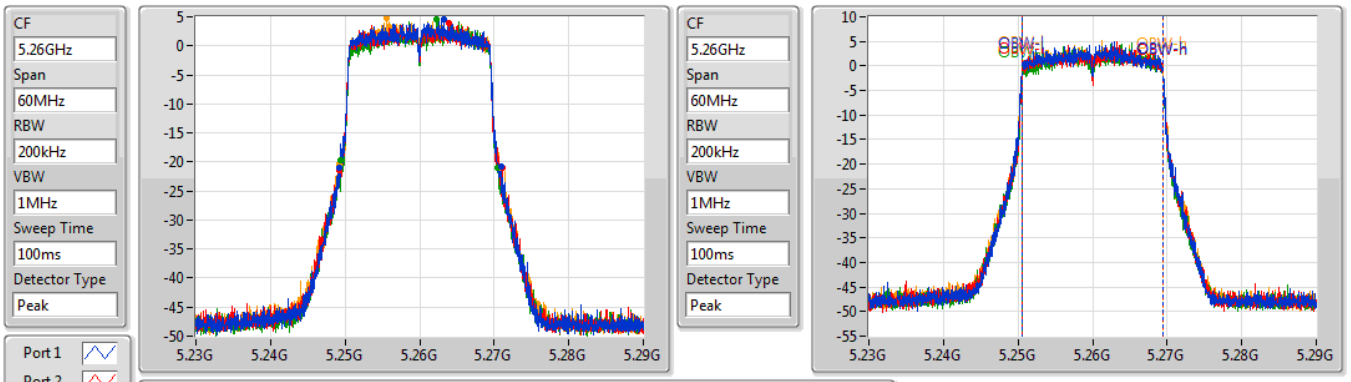


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.45M	5.22935G	5.2508G	18.921M	5.230555G	5.249475G	Inf	1
21.45M	5.22908G	5.25053G	18.891M	5.230555G	5.249445G	Inf	2
21.54M	5.2292G	5.25074G	18.891M	5.230555G	5.249445G	Inf	3
21.69M	5.22917G	5.25086G	18.891M	5.230555G	5.249445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5260MHz

14/08/2020

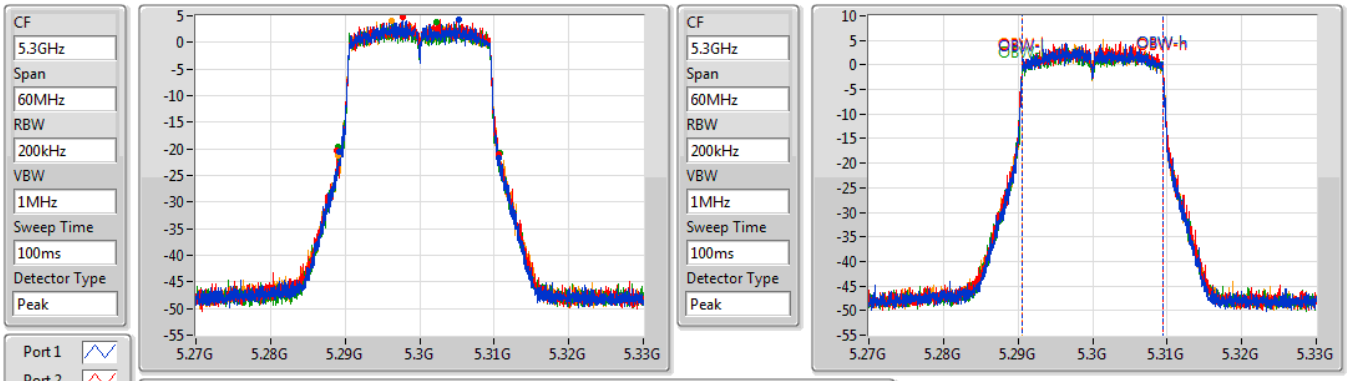


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.24929G	5.27089G	18.921M	5.250525G	5.269445G	Inf	1
21.9M	5.24926G	5.27116G	18.951M	5.250525G	5.269475G	Inf	2
21.09M	5.24941G	5.2705G	18.891M	5.250555G	5.269445G	Inf	3
21.6M	5.24923G	5.27083G	18.921M	5.250555G	5.269475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5300MHz

14/08/2020

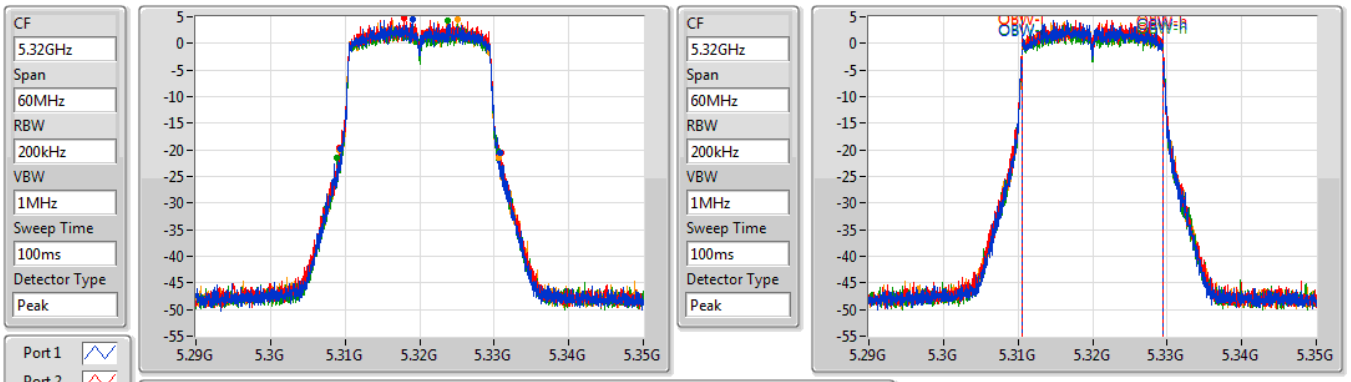


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.28914G	5.31065G	18.891M	5.290555G	5.309445G	Inf	1
21.57M	5.28896G	5.31053G	18.951M	5.290525G	5.309475G	Inf	2
21.69M	5.28911G	5.3108G	18.921M	5.290525G	5.309445G	Inf	3
21.54M	5.28905G	5.31059G	18.921M	5.290525G	5.309445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5320MHz

14/08/2020

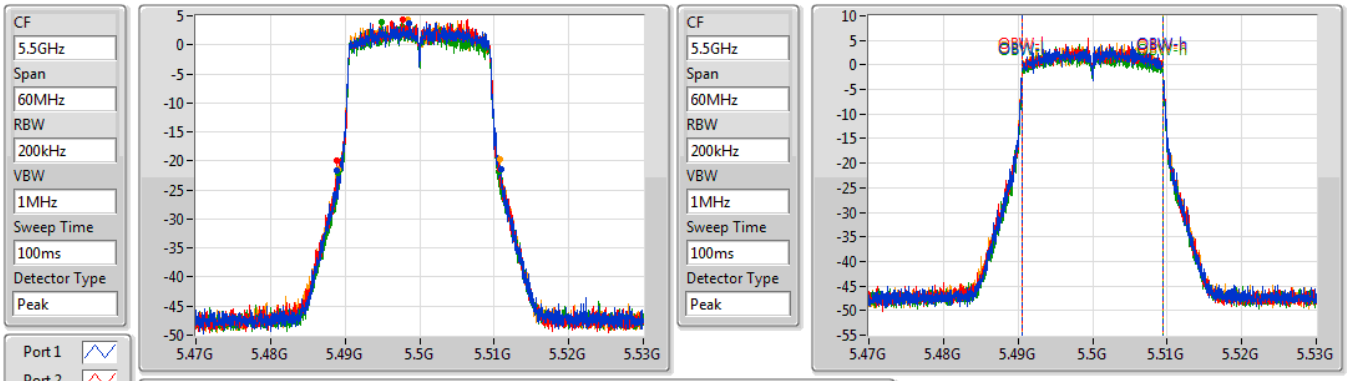


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.30935G	5.33086G	18.921M	5.310525G	5.329445G	Inf	1
21.84M	5.30914G	5.33098G	18.951M	5.310525G	5.329475G	Inf	2
21.57M	5.30896G	5.33053G	18.951M	5.310525G	5.329475G	Inf	3
21.36M	5.30929G	5.33065G	18.891M	5.310555G	5.329445G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5500MHz

14/08/2020

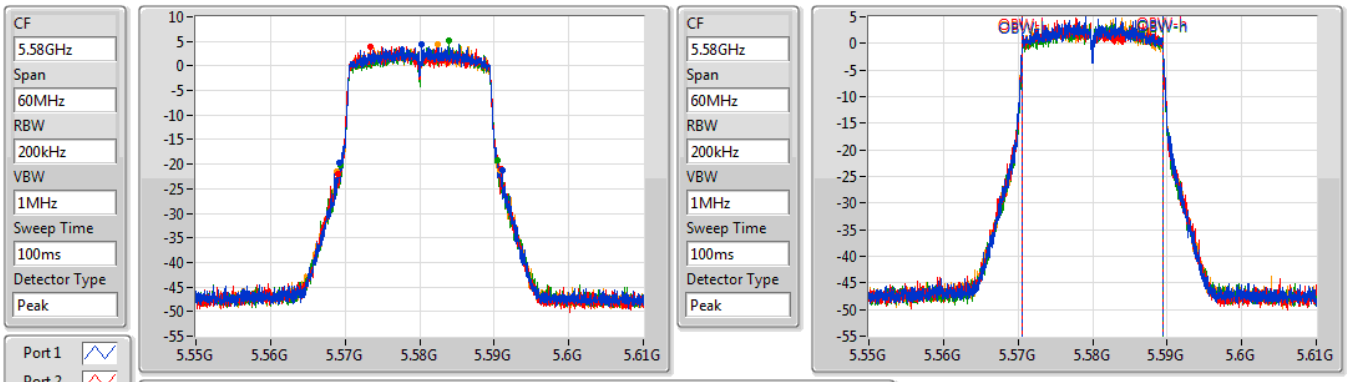


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.99M	5.48896G	5.51095G	18.921M	5.490525G	5.509445G	Inf	1
21.78M	5.48896G	5.51074G	18.921M	5.490525G	5.509445G	Inf	2
21.63M	5.48905G	5.51068G	18.891M	5.490555G	5.509445G	Inf	3
21.75M	5.48911G	5.51086G	18.951M	5.490525G	5.509475G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5580MHz

14/08/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.87M	5.56917G	5.59104G	18.921M	5.570525G	5.589445G	Inf	1
21.87M	5.56902G	5.59089G	18.921M	5.570525G	5.589445G	Inf	2
20.97M	5.56941G	5.59038G	18.891M	5.570555G	5.589445G	Inf	3
21.84M	5.56893G	5.59077G	18.921M	5.570525G	5.589445G	Inf	4

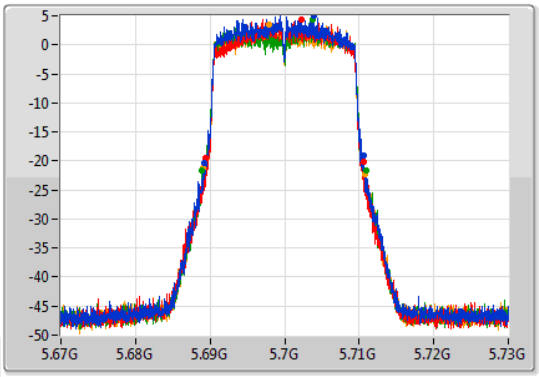
802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5700MHz

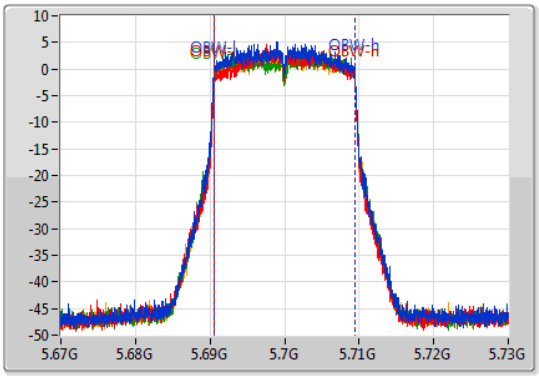
14/08/2020

CF 5.7GHz
Span 60MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.7GHz
Span 60MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.68926G	5.71062G	18.891M	5.690525G	5.709415G	Inf	1
21.12M	5.68941G	5.71053G	18.831M	5.690585G	5.709415G	Inf	2
22.02M	5.68893G	5.71095G	18.921M	5.690525G	5.709445G	Inf	3
21.69M	5.68911G	5.7108G	18.921M	5.690525G	5.709445G	Inf	4

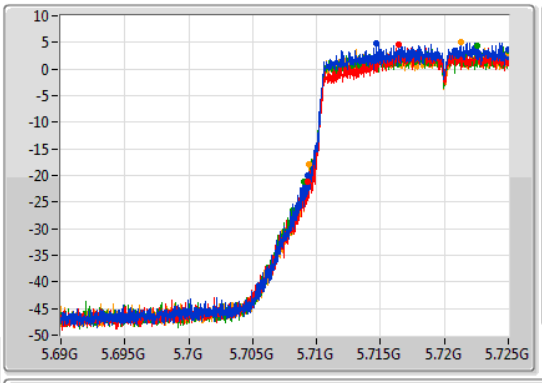
802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

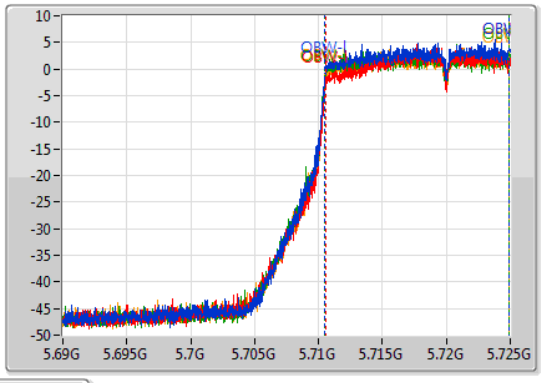
14/08/2020

CF 5.7075GHz
Span 35MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.7075GHz
Span 35MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak



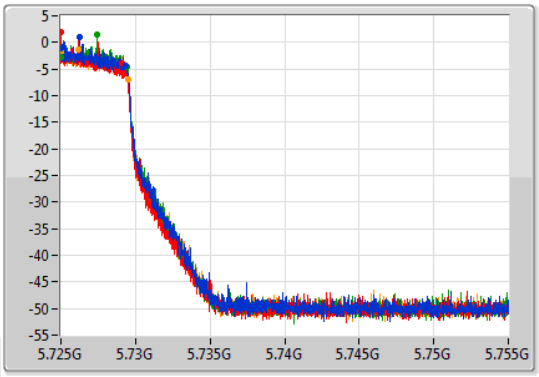
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.733M	5.709268G	5.725G	14.43M	5.710508G	5.724939G	Inf	1
15.68M	5.70932G	5.725G	14.395M	5.710543G	5.724939G	Inf	2
15.943M	5.709058G	5.725G	14.465M	5.710474G	5.724939G	Inf	3
15.593M	5.709408G	5.725G	14.43M	5.710491G	5.724921G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

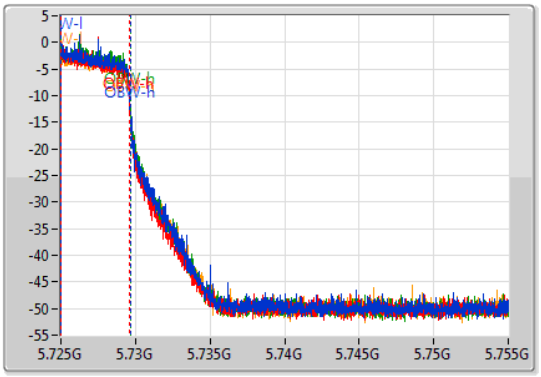
14/08/2020

CF 5.74GHz
Span 30MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



Port 1
Port 2
Port 3
Port 4

CF 5.74GHz
Span 30MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



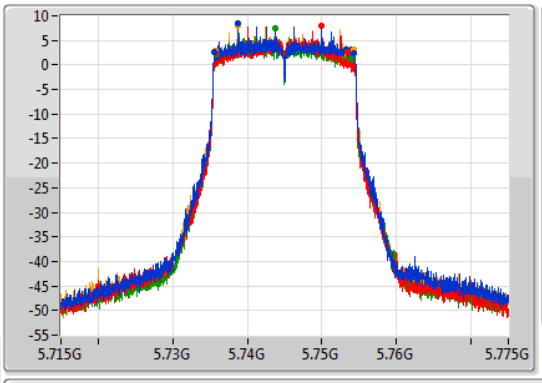
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.38M	5.725G	5.72938G	4.633M	5.725022G	5.729655G	500k	1
4.065M	5.725G	5.729065G	4.618M	5.725007G	5.729625G	500k	2
4.455M	5.725G	5.729455G	4.648M	5.725007G	5.729655G	500k	3
4.545M	5.725G	5.729545G	4.633M	5.725022G	5.729655G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

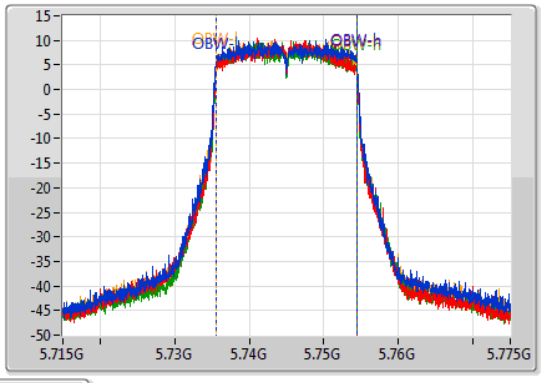
14/08/2020

CF 5.745GHz
Span 60MHz
RBW 100kHz
VBW 300kHz
Sweep Time 100ms
Detector Type Peak



Port 1
Port 2
Port 3
Port 4

CF 5.745GHz
Span 60MHz
RBW 200kHz
VBW 1MHz
Sweep Time 100ms
Detector Type Peak

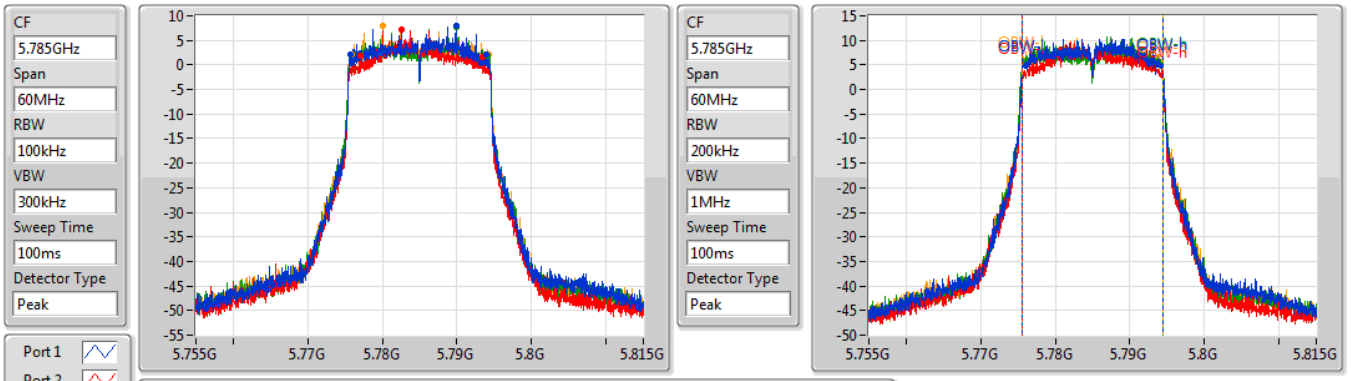


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.69M	5.73561G	5.7543G	18.981M	5.7354955G	5.7544755G	500k	1
17.67M	5.73579G	5.75346G	18.831M	5.7355555G	5.7543855G	500k	2
18.09M	5.73585G	5.75394G	18.861M	5.7355555G	5.7544155G	500k	3
18.54M	5.7357G	5.75424G	18.921M	5.7355255G	5.7544455G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

14/08/2020

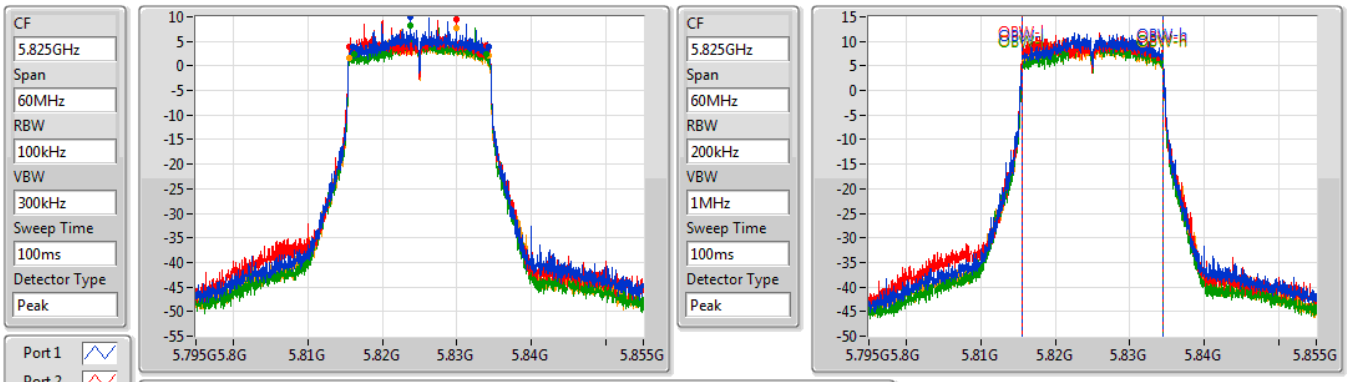


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.12M	5.77579G	5.79391G	18.861M	5.775555G	5.794415G	500k	1
16.35M	5.77711G	5.79346G	18.831M	5.775555G	5.794385G	500k	2
18.45M	5.77573G	5.79418G	18.921M	5.775525G	5.794445G	500k	3
18.42M	5.77591G	5.79433G	18.921M	5.775525G	5.794445G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

14/08/2020

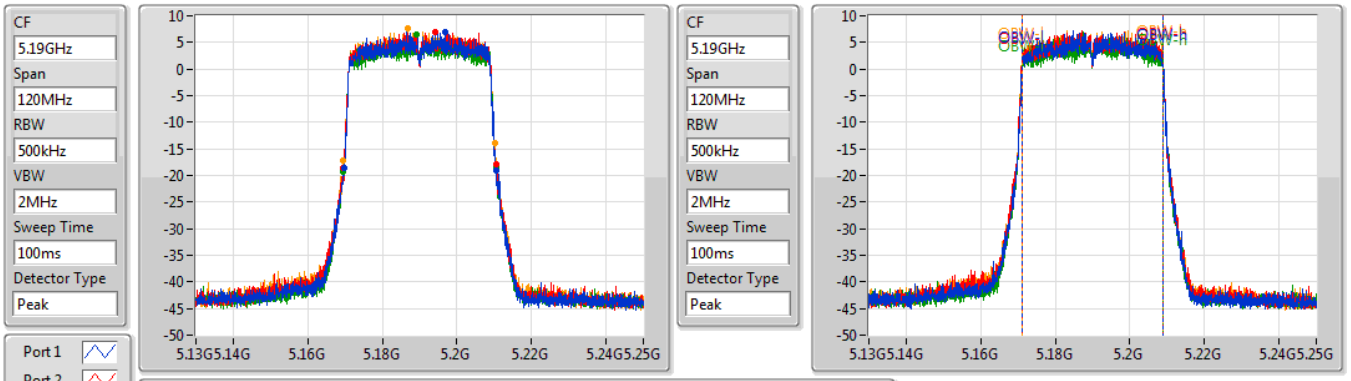


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.09M	5.81612G	5.83421G	18.891M	5.815555G	5.834445G	500k	1
18.36M	5.81561G	5.83397G	18.921M	5.815525G	5.834445G	500k	2
17.67M	5.8163G	5.83397G	18.921M	5.815525G	5.834445G	500k	3
18.69M	5.81555G	5.83424G	18.921M	5.815525G	5.834445G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5190MHz

14/08/2020

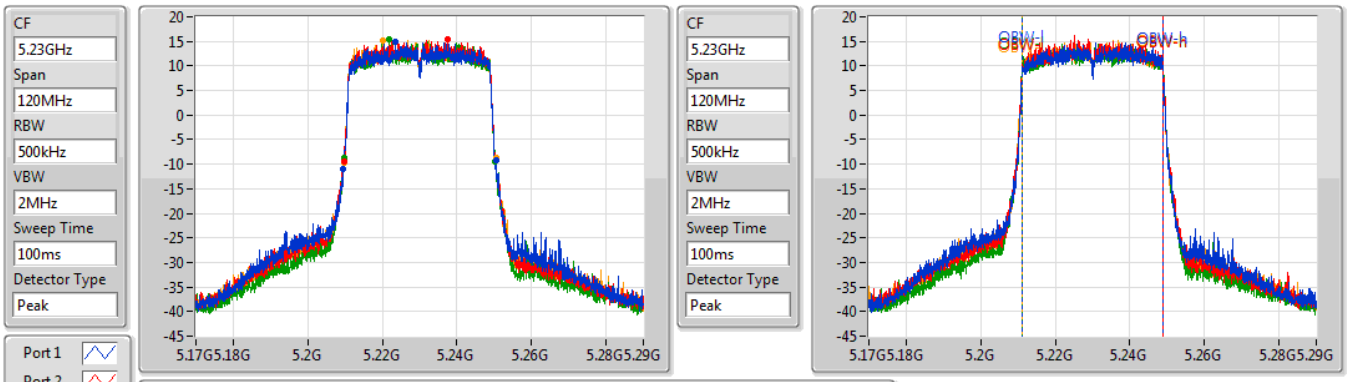


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.74M	5.16972G	5.21046G	37.721M	5.171169G	5.208891G	Inf	1
41.22M	5.16936G	5.21058G	37.781M	5.171109G	5.208891G	Inf	2
41.22M	5.1693G	5.21052G	37.781M	5.171109G	5.208891G	Inf	3
40.86M	5.16948G	5.21034G	37.781M	5.171109G	5.208891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5230MHz

14/08/2020

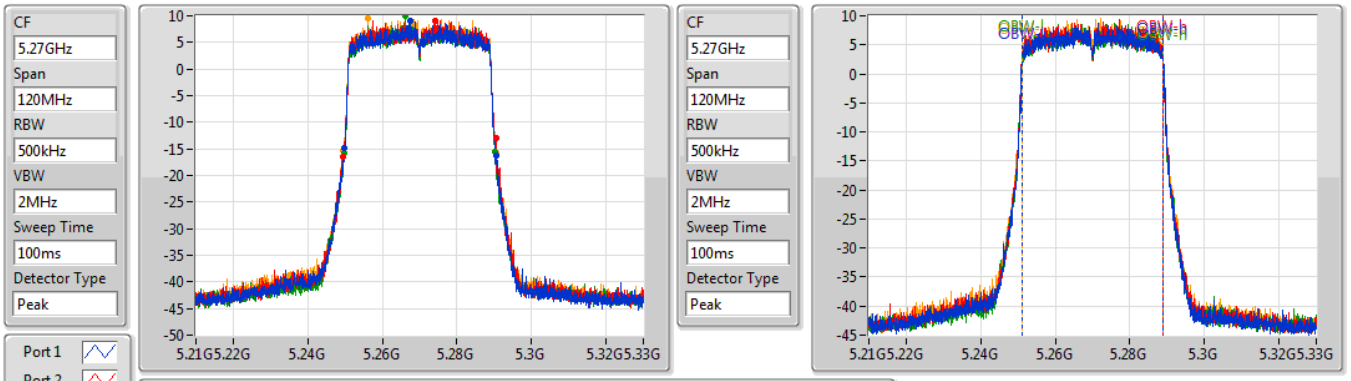


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.20942G	5.25052G	37.661M	5.211169G	5.248831G	Inf	1
40.98M	5.20966G	5.25064G	37.661M	5.211169G	5.248831G	Inf	2
40.56M	5.20978G	5.25034G	37.721M	5.211169G	5.248891G	Inf	3
40.98M	5.20966G	5.25064G	37.721M	5.211169G	5.248891G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5270MHz

14/08/2020

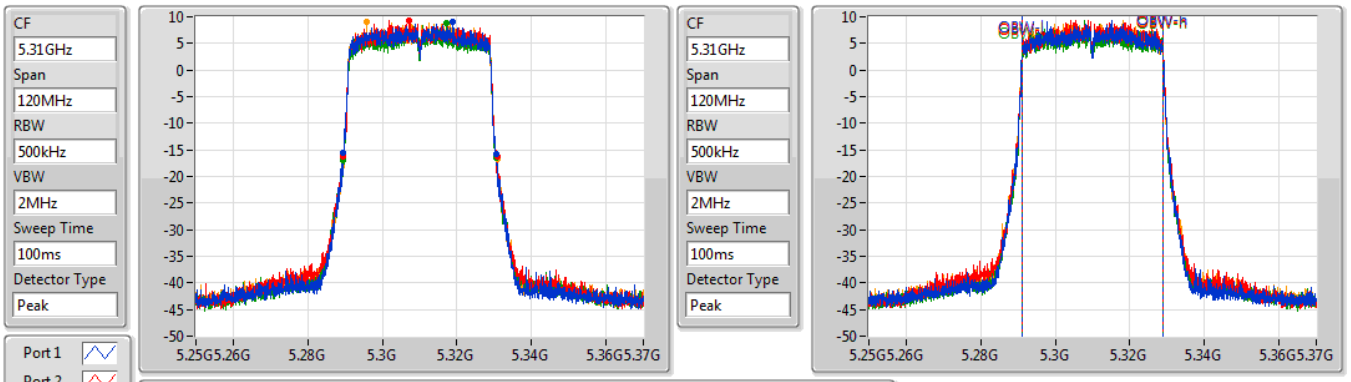


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.24972G	5.29052G	37.721M	5.251169G	5.288891G	Inf	1
41.04M	5.24936G	5.2904G	37.661M	5.251169G	5.288831G	Inf	2
40.56M	5.24972G	5.29028G	37.721M	5.251169G	5.288891G	Inf	3
41.1M	5.24954G	5.29064G	37.661M	5.251169G	5.288831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5310MHz

14/08/2020

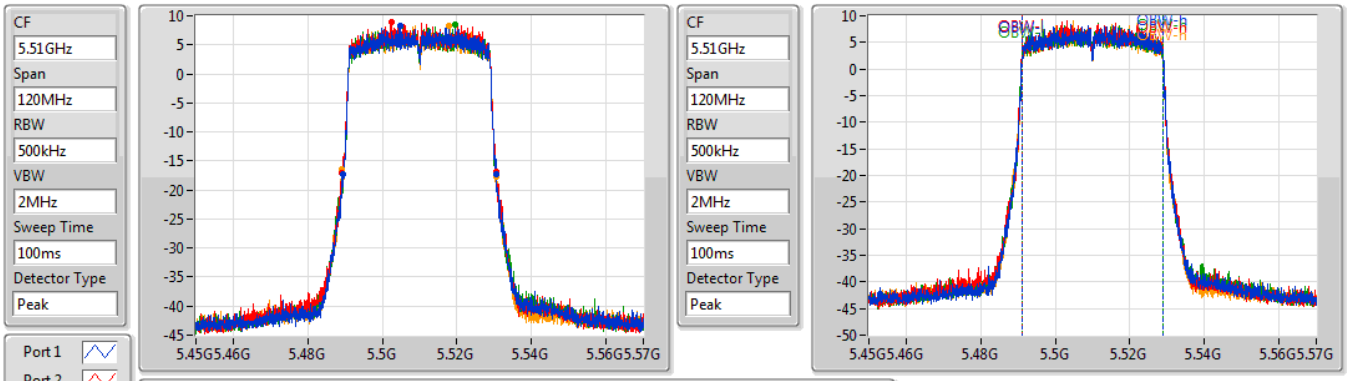


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.86M	5.2896G	5.33046G	37.721M	5.291169G	5.328891G	Inf	1
41.4M	5.28942G	5.33082G	37.721M	5.291169G	5.328891G	Inf	2
41.1M	5.28948G	5.33058G	37.721M	5.291169G	5.328891G	Inf	3
41.46M	5.2893G	5.33076G	37.721M	5.291109G	5.328831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5510MHz

14/08/2020

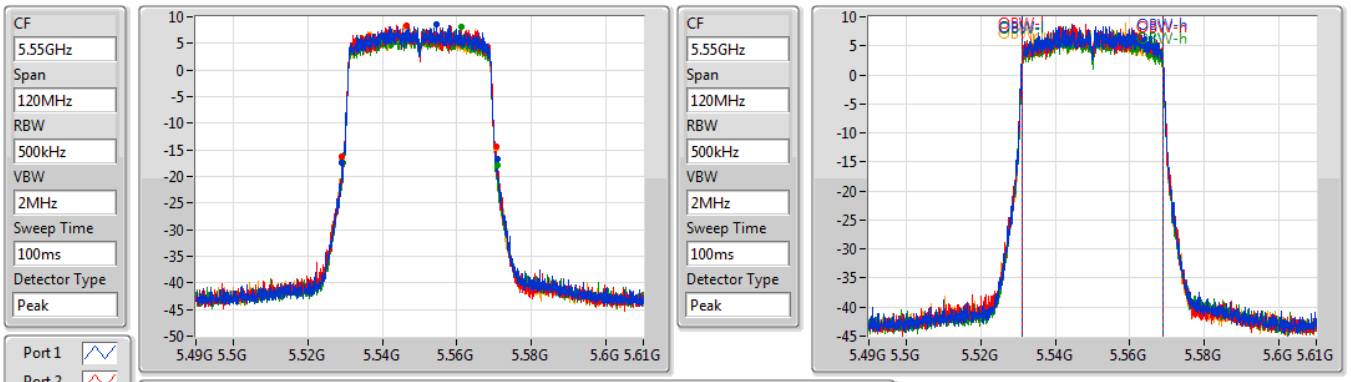


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.1M	5.48942G	5.53052G	37.781M	5.491109G	5.528891G	Inf	1
41.22M	5.48918G	5.5304G	37.721M	5.491109G	5.528831G	Inf	2
41.04M	5.48948G	5.53052G	37.721M	5.491109G	5.528831G	Inf	3
41.58M	5.489G	5.53058G	37.661M	5.491169G	5.528831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5550MHz

14/08/2020

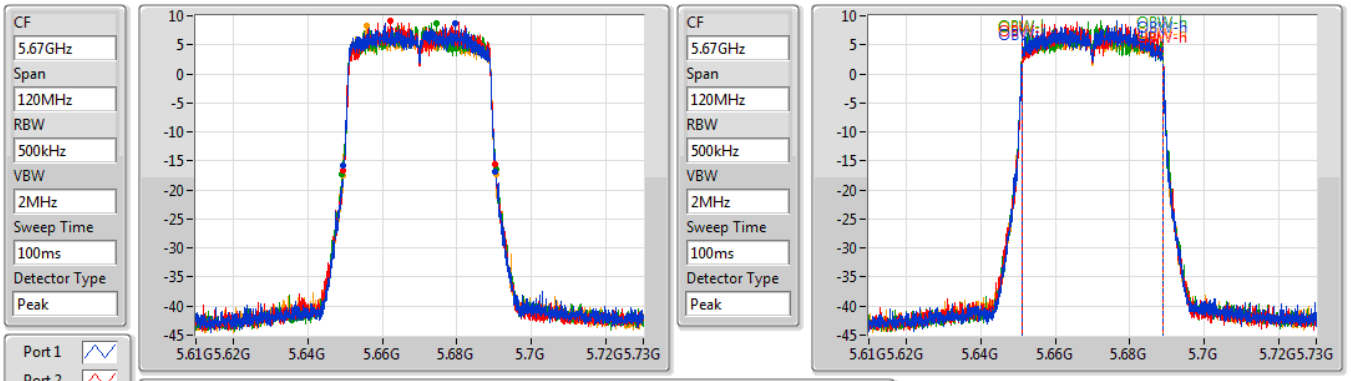


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.7M	5.52924G	5.57094G	37.721M	5.531109G	5.568831G	Inf	1
41.28M	5.52924G	5.57052G	37.661M	5.531169G	5.568831G	Inf	2
41.34M	5.52948G	5.57082G	37.721M	5.531109G	5.568831G	Inf	3
41.46M	5.52918G	5.57064G	37.721M	5.531109G	5.568831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5670MHz

14/08/2020

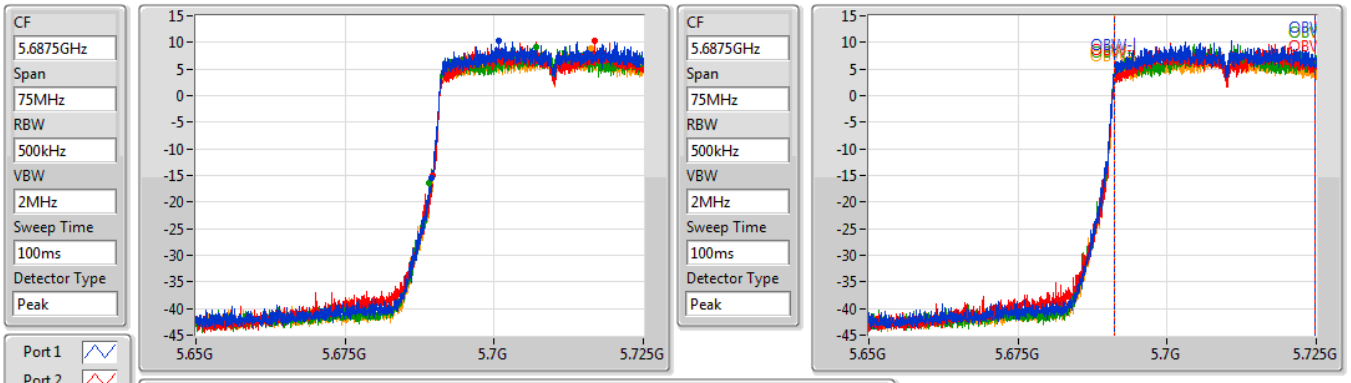


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.98M	5.64936G	5.69034G	37.661M	5.651109G	5.688771G	Inf	1
40.74M	5.6496G	5.69034G	37.661M	5.651169G	5.688831G	Inf	2
41.28M	5.64918G	5.69046G	37.841M	5.651049G	5.688891G	Inf	3
41.1M	5.64948G	5.69058G	37.721M	5.651109G	5.688831G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

14/08/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.475M	5.689525G	5.725G	33.733M	5.691098G	5.724831G	Inf	1
35.325M	5.689675G	5.725G	33.583M	5.691211G	5.724794G	Inf	2
35.888M	5.689113G	5.725G	33.808M	5.691061G	5.724869G	Inf	3
35.775M	5.689225G	5.725G	33.658M	5.691098G	5.724756G	Inf	4

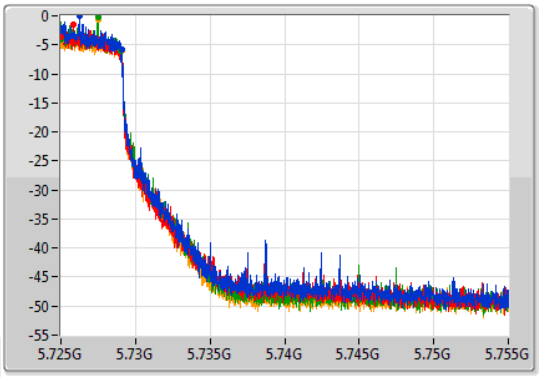
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

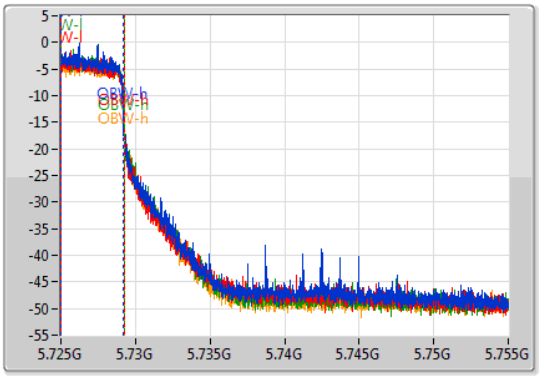
14/08/2020

CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



CF	5.74GHz
Span	30MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.11M	5.725G	5.72911G	4.198M	5.725007G	5.729205G	500k	1
4.125M	5.725G	5.729125G	4.198M	5.725022G	5.72922G	500k	2
3.975M	5.725G	5.728975G	4.243M	5.725007G	5.72925G	500k	3
4.065M	5.725G	5.729065G	4.243M	5.725022G	5.729265G	500k	4

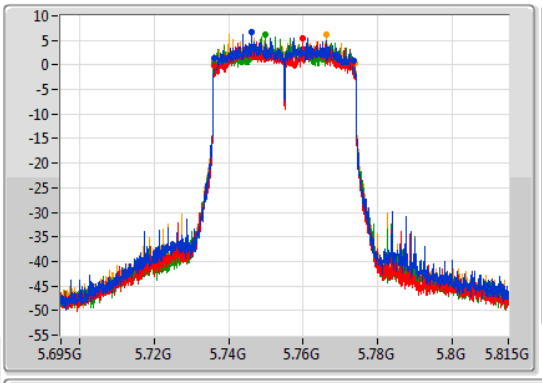
802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

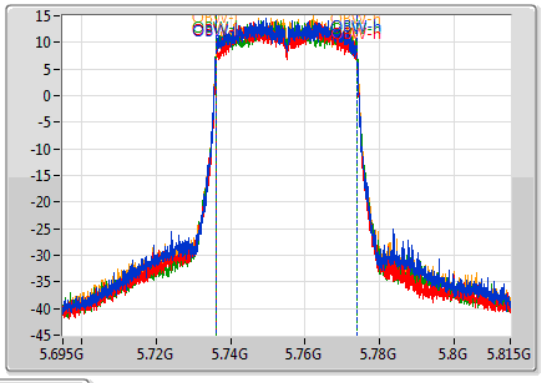
14/08/2020

CF	5.755GHz
Span	120MHz
RBW	100kHz
VBW	300kHz
Sweep Time	100ms
Detector Type	Peak

Port 1
Port 2
Port 3
Port 4



CF	5.755GHz
Span	120MHz
RBW	500kHz
VBW	2MHz
Sweep Time	100ms
Detector Type	Peak

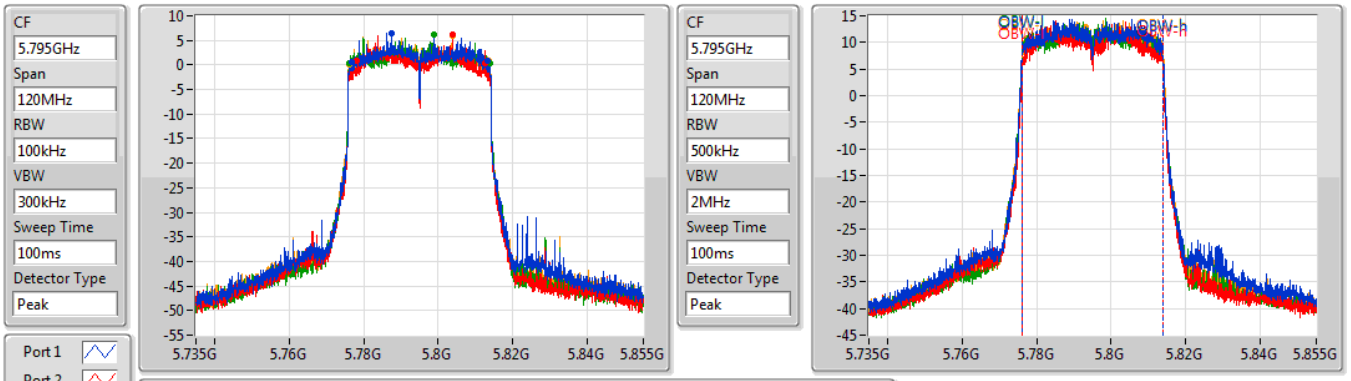


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.44M	5.7361G	5.77354G	37.601M	5.736169G	5.773771G	500k	1
37.14M	5.7361G	5.77324G	37.541M	5.736229G	5.773771G	500k	2
37.32M	5.73598G	5.7733G	37.721M	5.736109G	5.773831G	500k	3
37.8M	5.73598G	5.77378G	37.721M	5.736109G	5.773831G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

14/08/2020

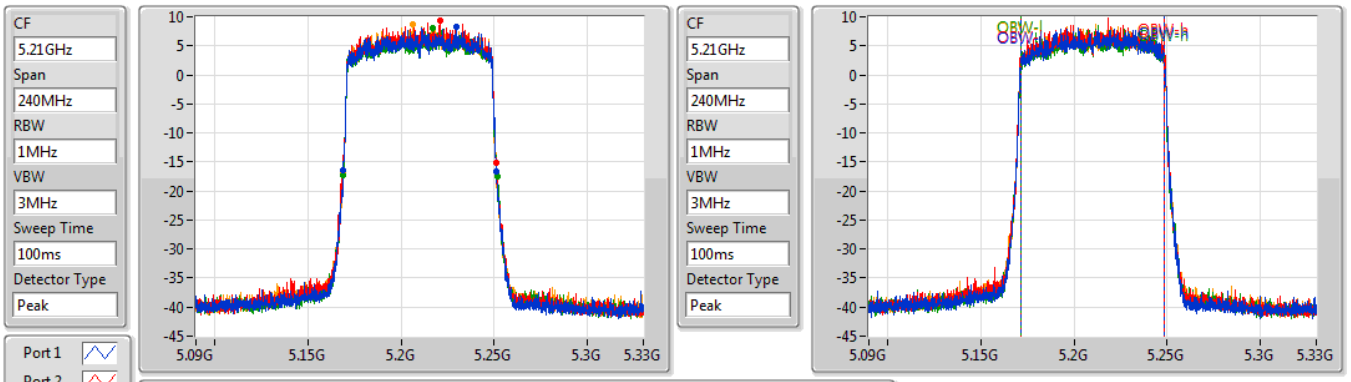


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.54M	5.77676G	5.8133G	37.601M	5.776169G	5.813771G	500k	1
34.44M	5.77826G	5.8127G	37.541M	5.776229G	5.813771G	500k	2
37.8M	5.7761G	5.8139G	37.721M	5.776109G	5.813831G	500k	3
37.5M	5.77604G	5.81354G	37.721M	5.776109G	5.813831G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5210MHz

14/08/2020

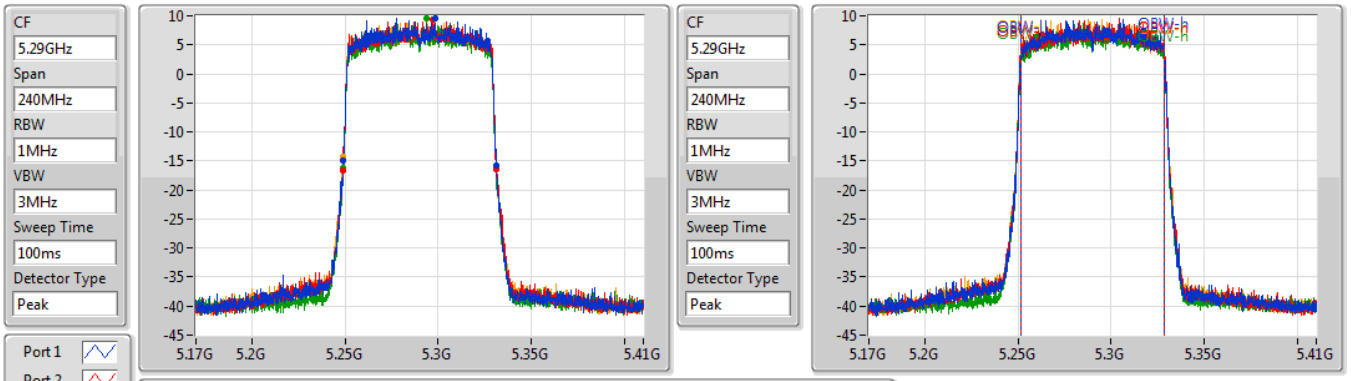


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.16908G	5.25116G	77.121M	5.171499G	5.248621G	Inf	1
82.44M	5.16884G	5.25128G	77.121M	5.171499G	5.248621G	Inf	2
82.56M	5.16896G	5.25152G	77.121M	5.171499G	5.248621G	Inf	3
82.2M	5.16884G	5.25104G	77.121M	5.171379G	5.248501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5290MHz

14/08/2020

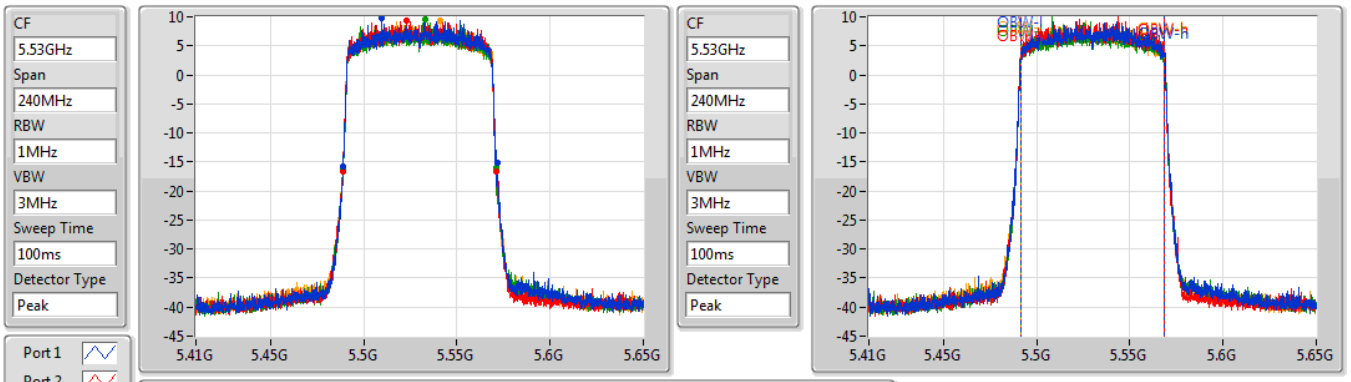


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.24896G	5.33128G	76.882M	5.251619G	5.328501G	Inf	1
82.68M	5.24872G	5.3314G	77.121M	5.251499G	5.328621G	Inf	2
82.44M	5.24872G	5.33116G	77.001M	5.251499G	5.328501G	Inf	3
82.44M	5.24896G	5.3314G	77.001M	5.251499G	5.328501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5530MHz

14/08/2020

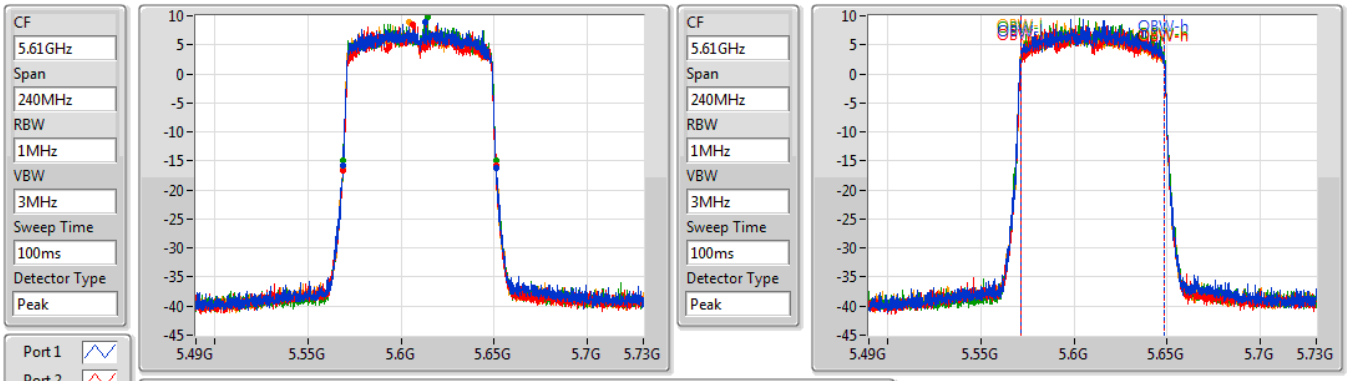


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.92M	5.48872G	5.57164G	77.121M	5.491499G	5.568621G	Inf	1
82.44M	5.48872G	5.57116G	77.001M	5.491499G	5.568501G	Inf	2
82.32M	5.48884G	5.57116G	77.001M	5.491499G	5.568501G	Inf	3
82.44M	5.48884G	5.57128G	77.001M	5.491499G	5.568501G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5610MHz

14/08/2020

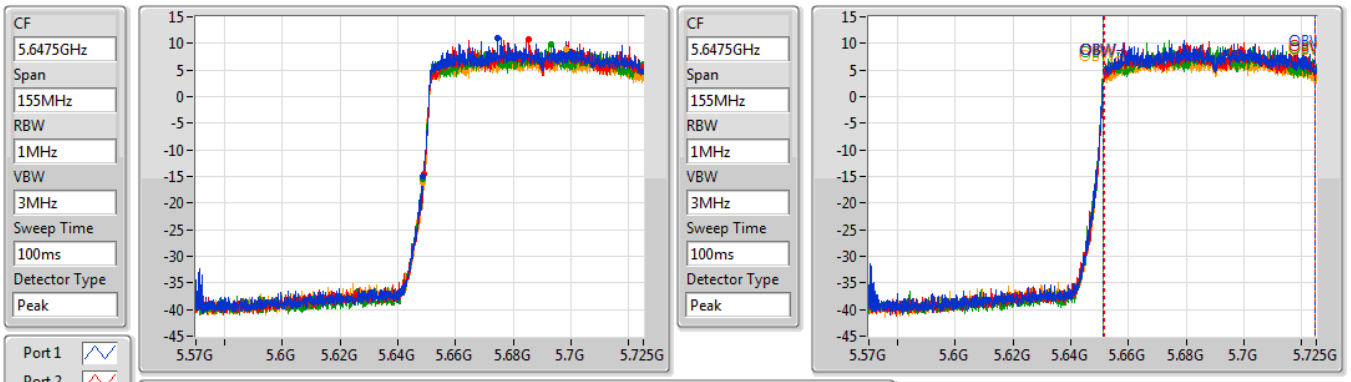


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.56M	5.56872G	5.65128G	77.001M	5.571379G	5.648381G	Inf	1
82.32M	5.5686G	5.65092G	76.882M	5.571499G	5.648381G	Inf	2
81.96M	5.56908G	5.65104G	77.121M	5.571379G	5.648501G	Inf	3
82.2M	5.56896G	5.65116G	77.001M	5.571379G	5.648381G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

14/08/2020

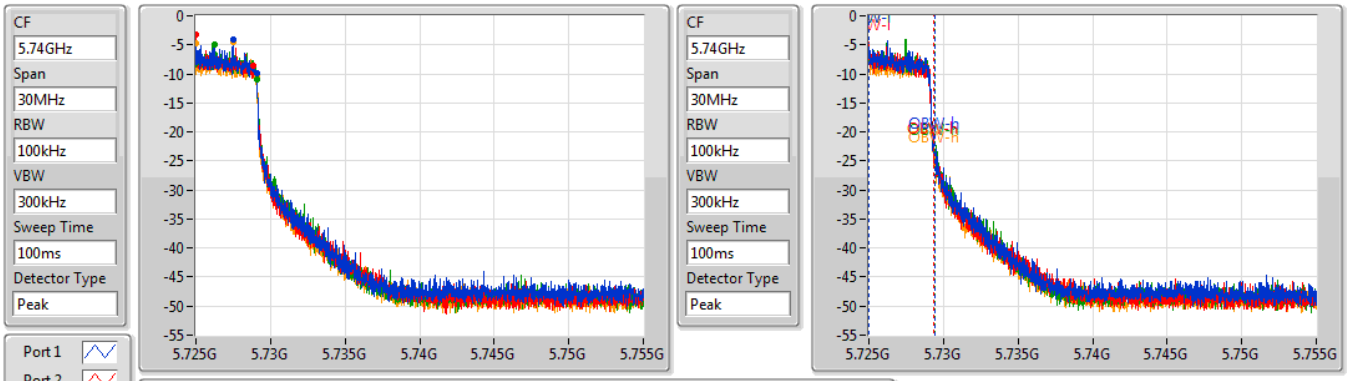


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.26M	5.64874G	5.725G	73.123M	5.651373G	5.724497G	Inf	1
75.95M	5.64905G	5.725G	72.891M	5.651528G	5.724419G	Inf	2
76.415M	5.648585G	5.725G	73.201M	5.651296G	5.724497G	Inf	3
76.338M	5.648663G	5.725G	73.046M	5.651373G	5.724419G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

14/08/2020

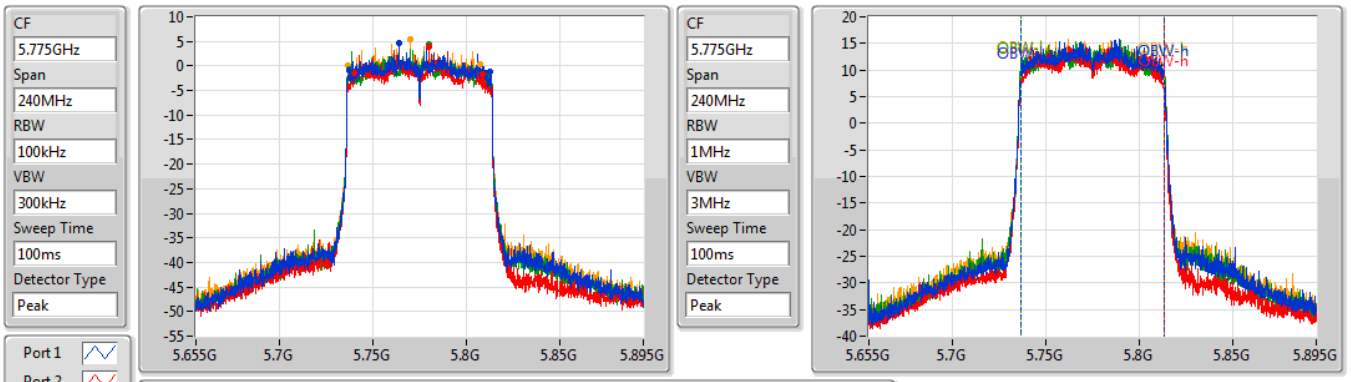


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.08M	5.725G	5.72908G	4.393M	5.725022G	5.729415G	500k	1
3.87M	5.725G	5.72887G	4.348M	5.725007G	5.729355G	500k	2
4.065M	5.725G	5.729065G	4.423M	5.725022G	5.729445G	500k	3
4.065M	5.725G	5.729065G	4.408M	5.725007G	5.729415G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

14/08/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.24M	5.73732G	5.81256G	76.762M	5.736499G	5.813261G	500k	1
68.52M	5.73996G	5.80848G	76.642M	5.736499G	5.813141G	500k	2
75.96M	5.73696G	5.81292G	77.121M	5.736379G	5.813501G	500k	3
70.68M	5.73684G	5.80752G	77.001M	5.736499G	5.813501G	500k	4

<160MHz (80+80MHz)>:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	82.68M	77.001M	77M0D1D	82.08M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	82.8M	77.241M	77M2D1D	82.56M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW80+80_Nss2,(MCS0)_4TX	82.56M	77.361M	77M4D1D	81.84M	77.001M

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

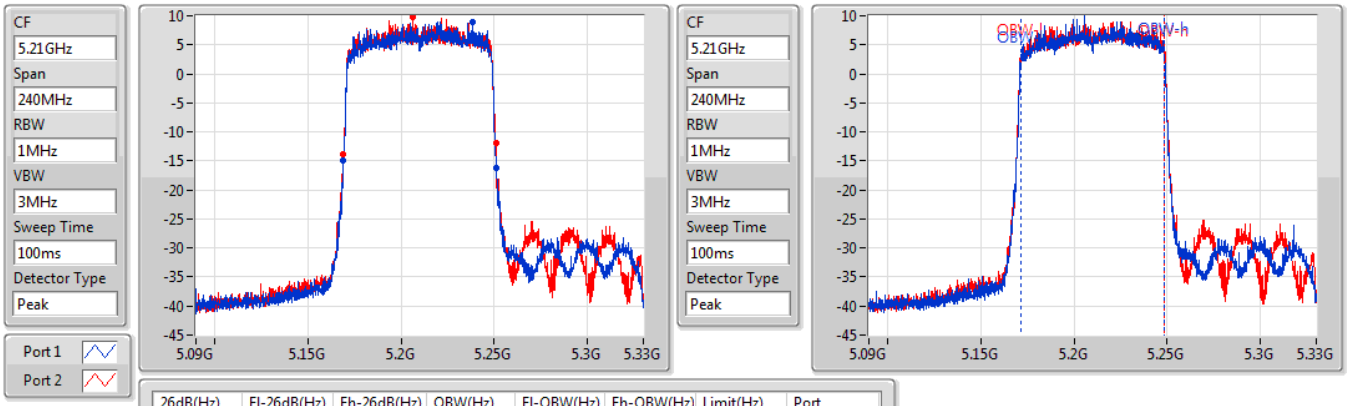
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	Inf	82.68M	77.001M	82.08M	77.001M				
5210MHz,#5290MHz	Pass	Inf					82.8M	77.241M	82.56M	77.241M
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	Inf	82.08M	77.001M	81.96M	77.361M	82.56M	77.121M	81.84M	77.001M

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 HEW80+80_Nss1,(MCS0)_4TX EBW

#5210MHz,5290MHz

14/08/2020

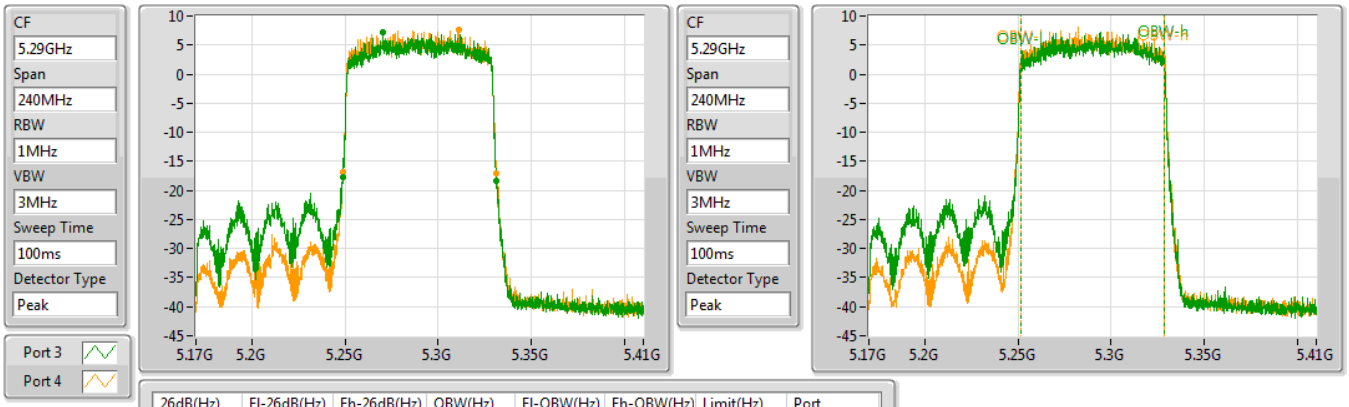


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.16872G	5.2514G	77.001M	5.171619G	5.248621G	Inf	1
82.08M	5.16896G	5.25104G	77.001M	5.171619G	5.248621G	Inf	2

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

5210MHz,#5290MHz

14/08/2020

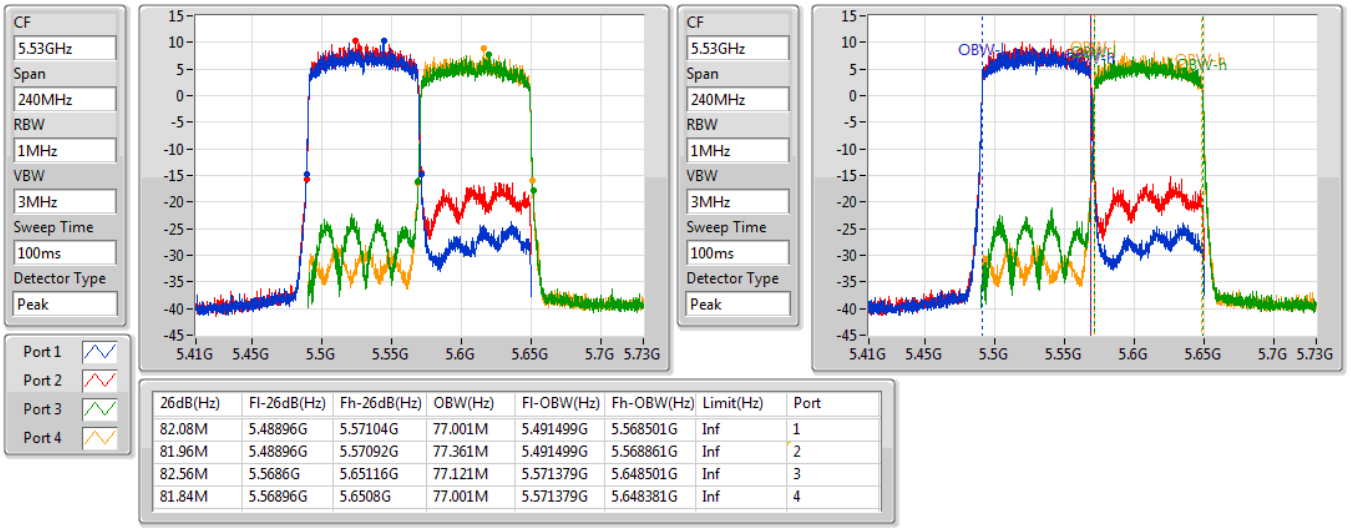


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.2486G	5.3314G	77.241M	5.251379G	5.328621G	Inf	3
82.56M	5.24884G	5.3314G	77.241M	5.251379G	5.328621G	Inf	4

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

#5530MHz,#5610MHz

14/08/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.48896G	5.57104G	77.001M	5.491499G	5.568501G	Inf	1
81.96M	5.48896G	5.57092G	77.361M	5.491499G	5.568861G	Inf	2
82.56M	5.5686G	5.65116G	77.121M	5.571379G	5.648501G	Inf	3
81.84M	5.56896G	5.6508G	77.001M	5.571379G	5.648381G	Inf	4

For External antenna
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_(6Mbps)_4TX	17.79	0.06012
802.11ax HEW20_Nss1,(MCS0)_4TX	18.44	0.06982
802.11ax HEW40_Nss1,(MCS0)_4TX	21.34	0.13614
802.11ax HEW80_Nss1,(MCS0)_4TX	20.26	0.10617
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.44	0.06982
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.14	0.06516
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.15	0.06531
5.25-5.35GHz	-	-
802.11a_(6Mbps)_4TX	11.78	0.01507
802.11ax HEW20_Nss1,(MCS0)_4TX	12.32	0.01706
802.11ax HEW40_Nss1,(MCS0)_4TX	15.18	0.03296
802.11ax HEW80_Nss1,(MCS0)_4TX	15.30	0.03388
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.32	0.01706
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.15	0.01641
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	12.27	0.01687
5.47-5.725GHz	-	-
802.11a_(6Mbps)_4TX	11.63	0.01455
802.11ax HEW20_Nss1,(MCS0)_4TX	12.43	0.01750
802.11ax HEW40_Nss1,(MCS0)_4TX	15.35	0.03428
802.11ax HEW80_Nss1,(MCS0)_4TX	15.21	0.03319
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.43	0.01750
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.24	0.01675
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	12.21	0.01663
5.725-5.85GHz	-	-
802.11a_(6Mbps)_4TX	21.28	0.13428
802.11ax HEW20_Nss1,(MCS0)_4TX	21.47	0.14028
802.11ax HEW40_Nss1,(MCS0)_4TX	21.44	0.13932
802.11ax HEW80_Nss1,(MCS0)_4TX	21.24	0.13305
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.46	0.07015
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.30	0.06761
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.10	0.06457

Result

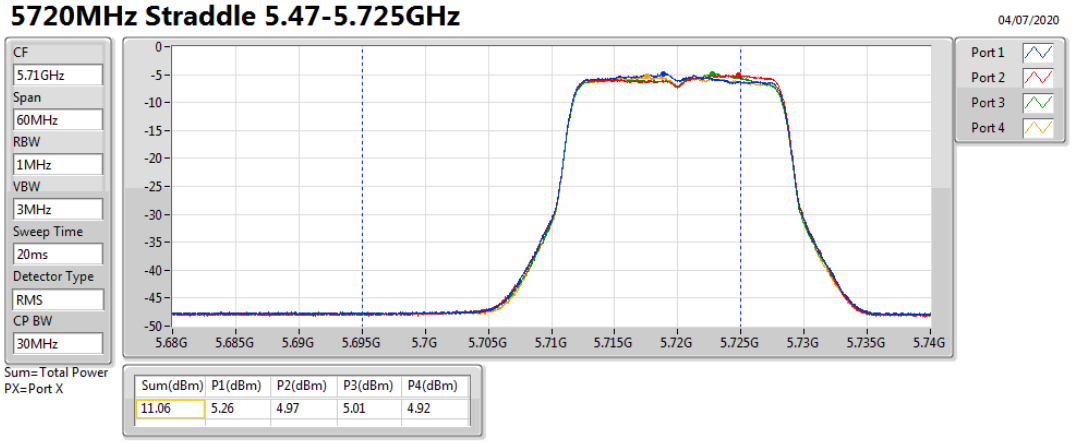
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.50	11.52	11.92	11.13	11.11	17.45	21.50
5200MHz	Pass	14.50	11.38	11.88	11.08	11.15	17.40	21.50
5240MHz	Pass	14.50	11.97	11.89	11.29	11.88	17.79	21.50
5260MHz	Pass	14.50	5.48	5.77	5.23	5.09	11.42	15.49
5300MHz	Pass	14.50	5.78	6.06	5.44	5.72	11.78	15.48
5320MHz	Pass	14.50	5.53	5.91	5.11	5.41	11.52	15.48
5500MHz	Pass	14.50	5.3	5.95	5.68	5.33	11.59	15.48
5580MHz	Pass	14.50	5.55	5.75	5.22	5.35	11.49	15.48
5700MHz	Pass	14.50	5.87	6.24	5.39	4.83	11.63	15.48
5720MHz Straddle 5.47-5.725GHz	Pass	14.50	5.26	4.97	5.01	4.92	11.06	14.32
5720MHz Straddle 5.725-5.85GHz	Pass	14.50	-1.68	-0.79	-1.72	-2	4.50	21.50
5745MHz	Pass	14.50	15.16	15.75	14.96	14.77	21.20	21.50
5785MHz	Pass	14.50	15.11	15.76	15.08	14.89	21.24	21.50
5825MHz	Pass	14.50	15.06	16.11	14.79	14.95	21.28	21.50
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.50	12.41	12.67	12.24	12.33	18.44	21.50
5200MHz	Pass	14.50	12.18	12.52	12	12.49	18.32	21.50
5240MHz	Pass	14.50	12.07	11.98	11.62	12.04	17.95	21.50
5260MHz	Pass	14.50	6.12	6.6	6.17	6.02	12.25	15.48
5300MHz	Pass	14.50	6.33	6.36	5.96	6.06	12.20	15.48
5320MHz	Pass	14.50	6.42	6.63	5.97	6.15	12.32	15.48
5500MHz	Pass	14.50	5.23	5.87	6.13	5.63	11.75	15.48
5580MHz	Pass	14.50	6.44	6.64	6.19	6.36	12.43	15.48
5700MHz	Pass	14.50	6.18	7.05	5.92	5.99	12.33	15.48
5720MHz Straddle 5.47-5.725GHz	Pass	14.50	5.45	5.43	5.13	5.15	11.31	14.46
5720MHz Straddle 5.725-5.85GHz	Pass	14.50	0.05	0.37	-0.64	-0.59	5.84	21.50
5745MHz	Pass	14.50	15.5	15.63	15.26	14.98	21.37	21.50
5785MHz	Pass	14.50	15.13	16.15	15.26	15.17	21.47	21.50
5825MHz	Pass	14.50	15.16	14.74	15.67	15.23	21.23	21.50
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.50	15.15	15.45	14.82	14.9	21.11	21.50
5230MHz	Pass	14.50	15.3	15.22	15.31	15.44	21.34	21.50
5270MHz	Pass	14.50	9.32	9.51	8.69	9.06	15.18	15.48
5310MHz	Pass	14.50	9.43	9.31	8.87	8.94	15.16	15.48
5510MHz	Pass	14.50	9.17	9.76	9.33	9.03	15.35	15.48
5550MHz	Pass	14.50	9.29	9.66	9	8.97	15.26	15.48
5670MHz	Pass	14.50	9.43	9.55	8.91	8.95	15.24	15.48
5710MHz Straddle 5.47-5.725GHz	Pass	14.50	9.6	9.64	8.97	9.07	15.35	15.48
5710MHz Straddle 5.725-5.85GHz	Pass	14.50	-1.34	-1.01	-1.22	-1.13	4.85	21.50
5755MHz	Pass	14.50	15.54	14.62	15.53	15.49	21.33	21.50
5795MHz	Pass	14.50	15.34	14.97	15.83	15.48	21.44	21.50
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.50	13.99	14.35	14.32	14.29	20.26	21.50

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5290MHz	Pass	14.50	9.38	9.55	9.03	9.12	15.30	15.48
5530MHz	Pass	14.50	9.22	9.6	8.91	9	15.21	15.48
5610MHz	Pass	14.50	9.2	9.04	9.21	9.02	15.14	15.48
5690MHz Straddle 5.47-5.725GHz	Pass	14.50	9.2	9.56	8.67	8.89	15.11	15.48
5690MHz Straddle 5.725-5.85GHz	Pass	14.50	-6.06	-5.2	-5.72	-5.74	0.35	21.50
5775MHz	Pass	14.50	15.11	14.47	15.74	15.47	21.24	21.50
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	17.51	12.41	12.67	12.24	12.33	18.44	18.49
5200MHz	Pass	17.51	12.18	12.52	12	12.49	18.32	18.49
5240MHz	Pass	17.51	12.07	11.98	11.62	12.04	17.95	18.49
5260MHz	Pass	17.51	6.12	6.6	6.17	6.02	12.25	12.47
5300MHz	Pass	17.51	6.33	6.36	5.96	6.06	12.20	12.47
5320MHz	Pass	17.51	6.42	6.63	5.97	6.15	12.32	12.47
5500MHz	Pass	17.51	5.23	5.87	6.13	5.63	11.75	12.47
5580MHz	Pass	17.51	6.44	6.64	6.19	6.36	12.43	12.47
5700MHz	Pass	17.51	6.18	7.05	5.92	5.99	12.33	12.47
5720MHz Straddle 5.47-5.725GHz	Pass	17.51	5.45	5.43	5.13	5.15	11.31	12.47
5720MHz Straddle 5.725-5.85GHz	Pass	17.51	0.05	0.37	-0.64	-0.59	5.84	18.49
5745MHz	Pass	17.51	12.66	12.55	12.39	12.15	18.46	18.49
5785MHz	Pass	17.51	12.00	12.32	12.41	11.84	18.17	18.49
5825MHz	Pass	17.51	12.29	12.77	12.36	12.07	18.40	18.49
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	17.51	12.25	12.32	12.06	11.82	18.14	18.49
5230MHz	Pass	17.51	12.29	11.91	12.14	12.06	18.12	18.49
5270MHz	Pass	17.51	6.28	6.31	5.89	6.03	12.15	12.47
5310MHz	Pass	17.51	6.32	6.15	5.75	5.91	12.06	12.47
5510MHz	Pass	17.51	5.27	6.49	6.36	5.84	12.04	12.47
5550MHz	Pass	17.51	6.28	6.44	5.92	5.87	12.15	12.47
5670MHz	Pass	17.51	6.39	6.30	6.20	5.72	12.18	12.47
5710MHz Straddle 5.47-5.725GHz	Pass	17.51	6.49	6.44	5.85	6.05	12.24	12.47
5710MHz Straddle 5.725-5.85GHz	Pass	17.51	-4.60	-4.22	-4.60	-4.43	1.56	18.49
5755MHz	Pass	17.51	12.50	11.52	12.59	12.21	18.25	18.49
5795MHz	Pass	17.51	11.99	11.96	12.98	12.10	18.30	18.49
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	17.51	12.12	12.16	12.24	11.98	18.15	18.49
5290MHz	Pass	17.51	6.37	6.48	6.02	6.10	12.27	12.47
5530MHz	Pass	17.51	6.25	6.52	5.96	5.99	12.21	12.47
5610MHz	Pass	17.51	6.26	5.96	6.31	5.83	12.12	12.47
5690MHz Straddle 5.47-5.725GHz	Pass	17.51	6.25	6.53	5.76	5.81	12.12	12.47
5690MHz Straddle 5.725-5.85GHz	Pass	17.51	-8.52	-7.69	-9.61	-8.72	-2.56	18.49
5775MHz	Pass	17.51	11.72	11.40	12.97	12.07	18.10	18.49

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

802.11a_(6Mbps)_4TX **AV Power**

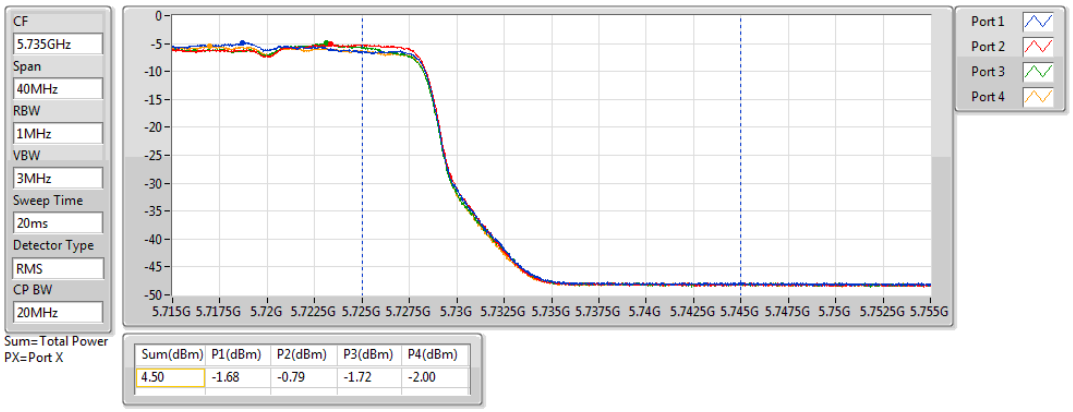
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.06	5.26	4.97	5.01	4.92

802.11a_(6Mbps)_4TX **AV Power**

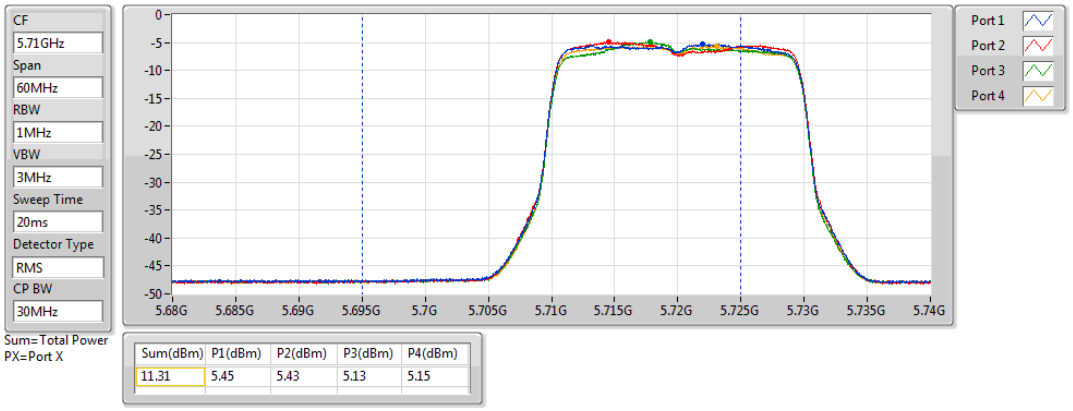
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.50	-1.68	-0.79	-1.72	-2.00

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

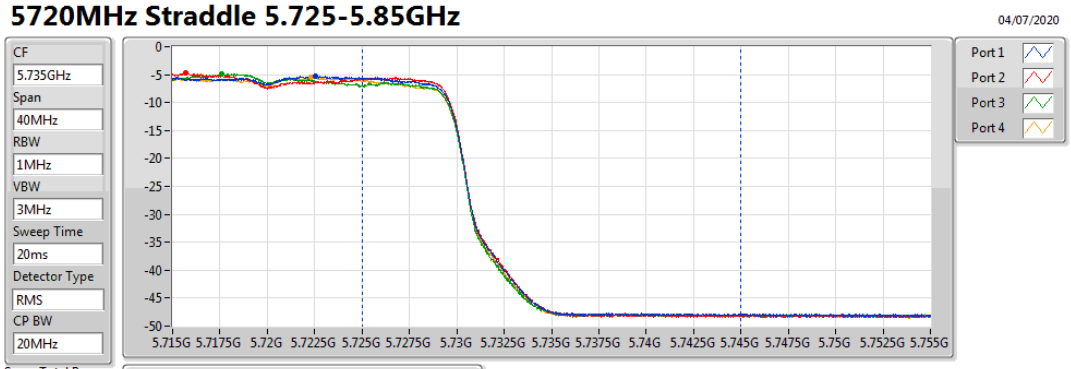
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.31	5.45	5.43	5.13	5.15

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

5720MHz Straddle 5.725-5.85GHz

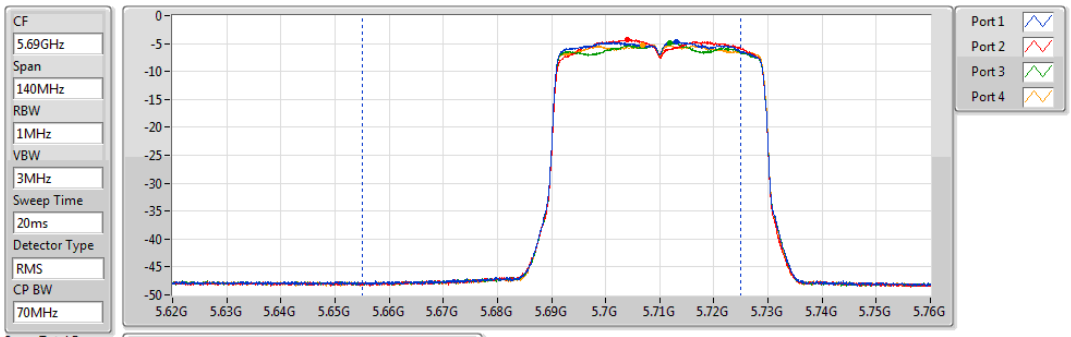


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
5.84	0.05	0.37	-0.64	-0.59

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

5710MHz Straddle 5.47-5.725GHz

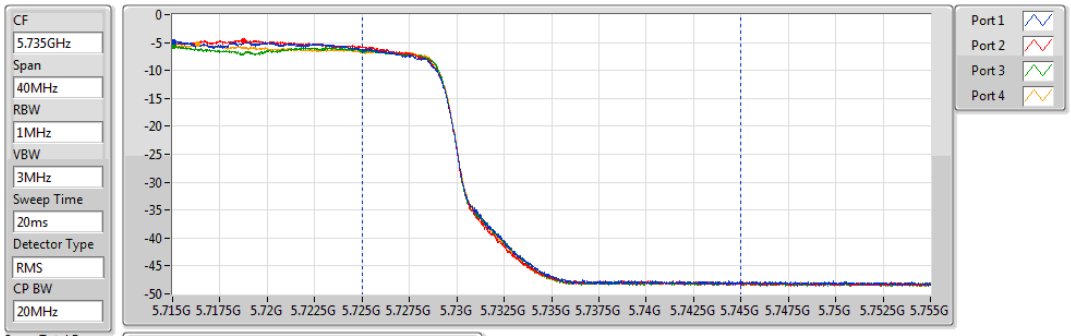


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.35	9.60	9.64	8.97	9.07

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

5710MHz Straddle 5.725-5.85GHz

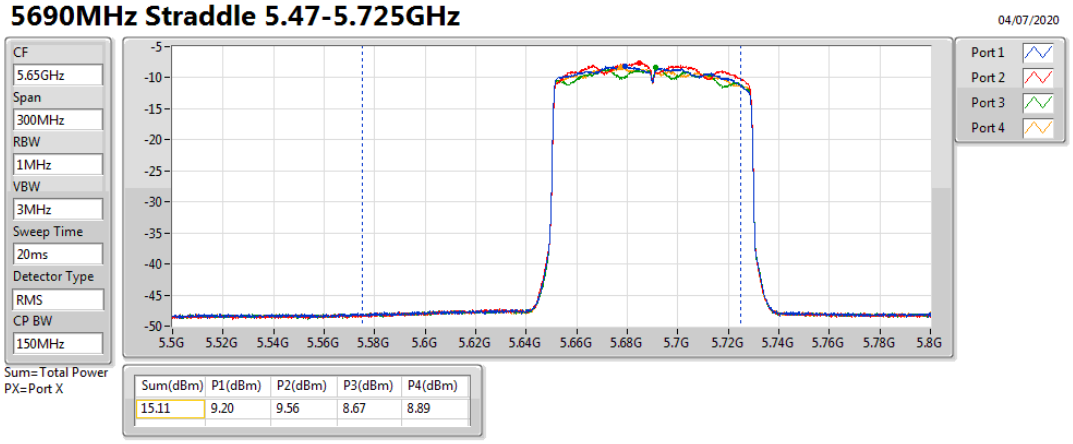


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.85	-1.34	-1.01	-1.22	-1.13

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

5690MHz Straddle 5.47-5.725GHz

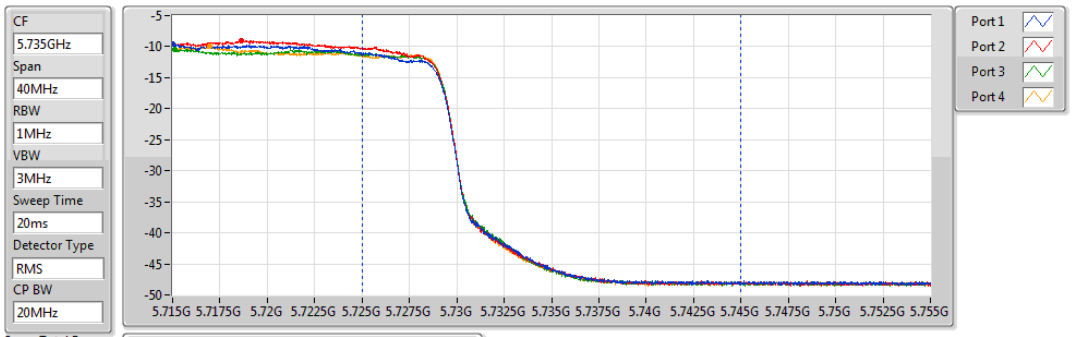


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.11	9.20	9.56	8.67	8.89

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

5690MHz Straddle 5.725-5.85GHz

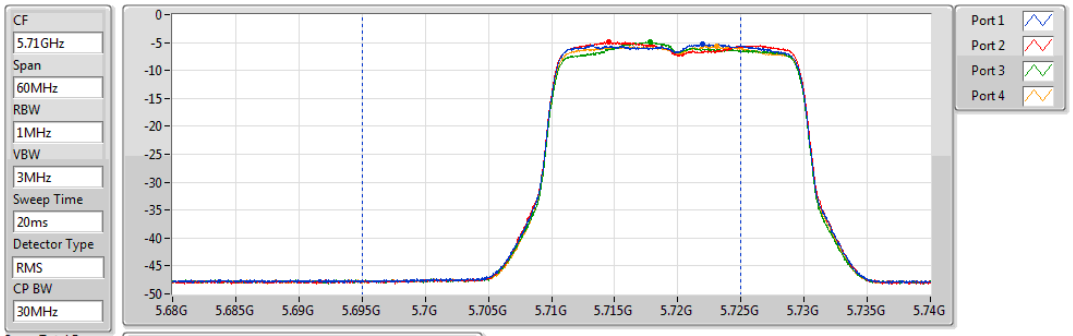


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
0.35	-6.06	-5.20	-5.72	-5.74

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

5720MHz Straddle 5.47-5.725GHz

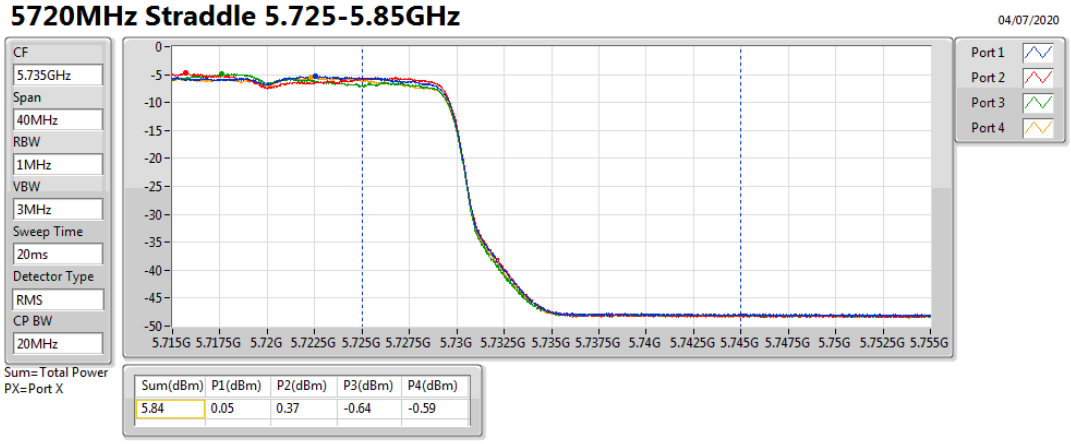


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.31	5.45	5.43	5.13	5.15

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

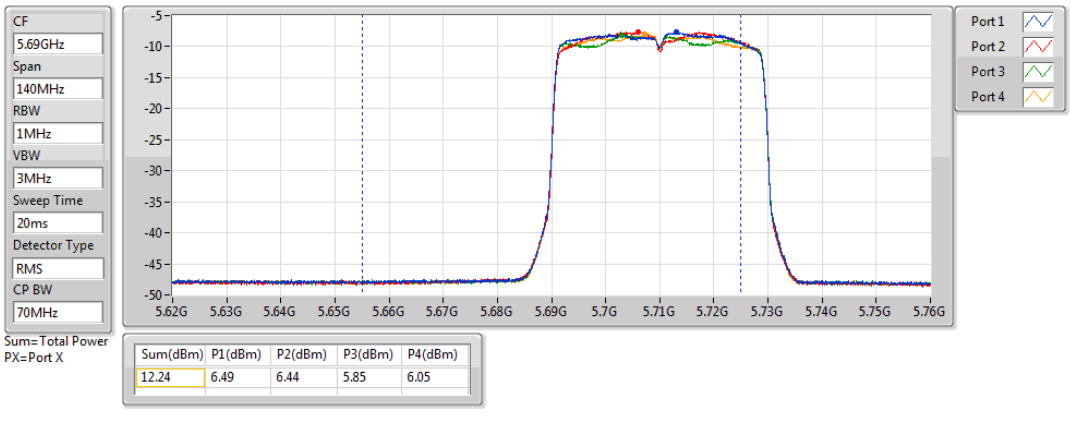
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
5.84	0.05	0.37	-0.64	-0.59

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

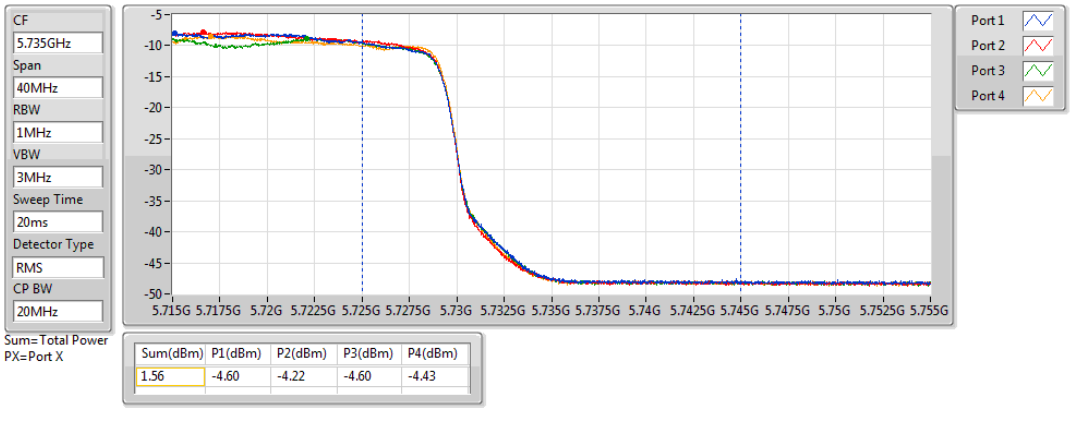
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.24	6.49	6.44	5.85	6.05

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

5710MHz Straddle 5.725-5.85GHz

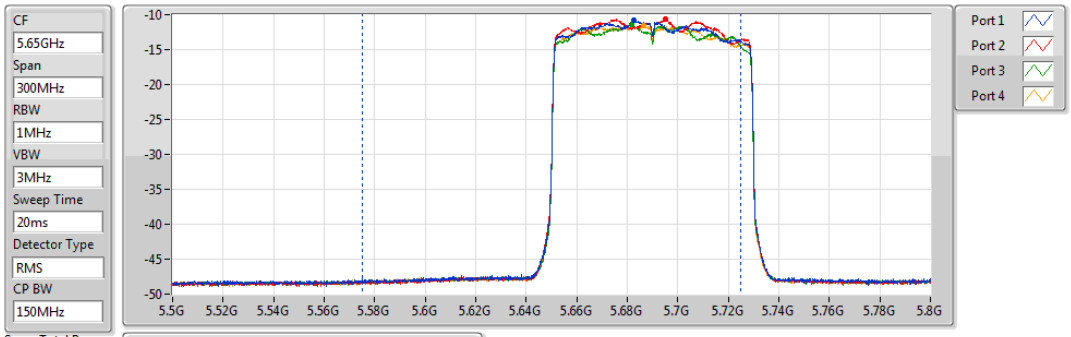


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1.56	-4.60	-4.22	-4.60	-4.43

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

5690MHz Straddle 5.47-5.725GHz

04/07/2020



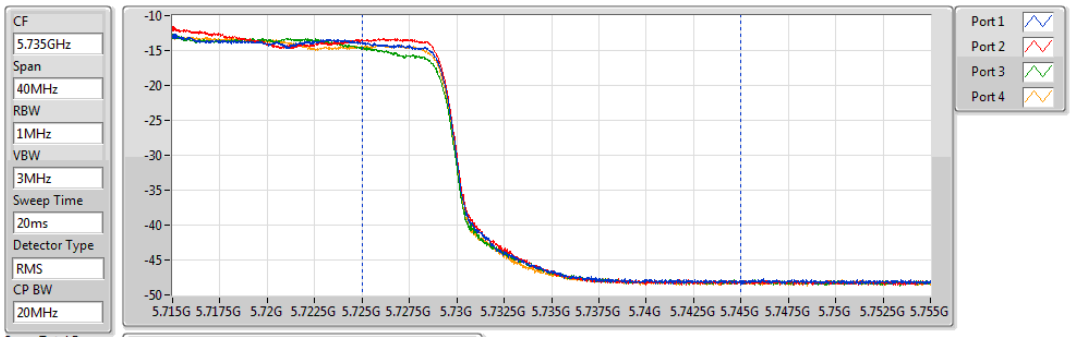
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.12	6.25	6.53	5.76	5.81

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

5690MHz Straddle 5.725-5.85GHz

04/07/2020



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
-2.56	-8.52	-7.69	-9.61	-8.72

<160MHz (80+80MHz)>:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	16.11	0.04083
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	12.47	0.01766
5.25-5.35GHz	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	15.33	0.03412
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	12.07	0.01611
5.47-5.725GHz	-	-
802.11ax HEW80+80_Nss2,(MCS0)_4TX	15.17	0.03289
802.11ax HEW80+80-BF_Nss2,(MCS0)_4TX	12.40	0.01738

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	14.50	12.93	13.26			16.11	21.50
5210MHz,#5290MHz	Pass	14.50			12.37	12.26	15.33	15.48
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	14.50	8.96	9.41	9.31	8.9	15.17	15.48
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	17.51	9.16	9.74			12.47	18.49
5210MHz,#5290MHz	Pass	17.51			8.93	9.18	12.07	12.47
802.11ax HEW80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	17.51	6.24	6.48	6.54	6.23	12.40	12.47

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

For Horizontal:
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP Power (dBm)	EIRP Power (W)
5.15-5.25GHz	-	-	-	-
802.11a_(6Mbps)_4TX	14.61	0.02891	13.61	0.02296
802.11ax HEW20_Nss1,(MCS0)_4TX	15.47	0.03524	14.47	0.02799
802.11ax HEW40_Nss1,(MCS0)_4TX	18.28	0.06730	17.28	0.05346
802.11ax HEW80_Nss1,(MCS0)_4TX	17.35	0.05433	16.35	0.04315
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.47	0.03524	14.47	0.02799
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.20	0.03311	14.20	0.02630
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.21	0.03319	14.21	0.02636

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	EIRP Power (dBm)	EIRP Power Limit (dBm)
802.11a_(6Mbps)_4TX	-	-	-	-	-		-
5180MHz	Pass	-1.00	11.92	11.13	14.55	13.55	21.00
5200MHz	Pass	-1.00	11.88	11.08	14.51	13.51	21.00
5240MHz	Pass	-1.00	11.89	11.29	14.61	13.61	21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5180MHz	Pass	-1.00	12.67	12.24	15.47	14.47	21.00
5200MHz	Pass	-1.00	12.52	12.00	15.28	14.28	21.00
5240MHz	Pass	-1.00	11.98	11.62	14.81	13.81	21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5190MHz	Pass	-1.00	15.45	14.82	18.16	17.16	21.00
5230MHz	Pass	-1.00	15.22	15.31	18.28	17.28	21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5210MHz	Pass	-1.00	14.35	14.32	17.35	16.35	21.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5180MHz	Pass	-1.00	12.67	12.24	15.47	14.47	21.00
5200MHz	Pass	-1.00	12.52	12.00	15.28	14.28	21.00
5240MHz	Pass	-1.00	11.98	11.62	14.81	13.81	21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5190MHz	Pass	-1.00	12.32	12.06	15.20	14.20	21.00
5230MHz	Pass	-1.00	11.91	12.14	15.04	14.04	21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5210MHz	Pass	-1.00	12.16	12.24	15.21	14.21	21.00

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

For Vertical:
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP Power (dBm)	EIRP Power (W)
5.15-5.25GHz	-	-	-	-
802.11a_(6Mbps)_4TX	14.94	0.03119	13.94	0.02477
802.11ax HEW20_Nss1,(MCS0)_4TX	15.38	0.03451	14.38	0.02742
802.11ax HEW40_Nss1,(MCS0)_4TX	18.38	0.06887	17.38	0.05470
802.11ax HEW80_Nss1,(MCS0)_4TX	17.15	0.05188	16.15	0.04121
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.38	0.03451	14.38	0.02742
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.19	0.03304	14.19	0.02624
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.06	0.03206	14.06	0.02547

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP Power (dBm)	EIRP Power Limit (dBm)
802.11a_(6Mbps)_4TX	-	-	-	-	-		-
5180MHz	Pass	-1.00	11.52	11.11	14.33	13.33	21.00
5200MHz	Pass	-1.00	11.38	11.15	14.28	13.28	21.00
5240MHz	Pass	-1.00	11.97	11.88	14.94	13.94	21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5180MHz	Pass	-1.00	12.41	12.33	15.38	14.38	21.00
5200MHz	Pass	-1.00	12.18	12.49	15.35	14.35	21.00
5240MHz	Pass	-1.00	12.07	12.04	15.07	14.07	21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5190MHz	Pass	-1.00	15.15	14.90	18.04	17.04	21.00
5230MHz	Pass	-1.00	15.30	15.44	18.38	17.38	21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5210MHz	Pass	-1.00	13.99	14.29	17.15	16.15	21.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5180MHz	Pass	-1.00	12.41	12.33	15.38	14.38	21.00
5200MHz	Pass	-1.00	12.18	12.49	15.35	14.35	21.00
5240MHz	Pass	-1.00	12.07	12.04	15.07	14.07	21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5190MHz	Pass	-1.00	12.25	11.82	15.05	14.05	21.00
5230MHz	Pass	-1.00	12.29	12.06	15.19	14.19	21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5210MHz	Pass	-1.00	12.12	11.98	15.06	14.06	21.00

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

For Horizontal:
<160MHz (80+80MHz)>:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP Power (dBm)	EIRP Power (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	13.26	0.02118	12.26	0.01683
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	9.74	0.00942	8.74	0.00748

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Total Power (dBm)	EIRP Power (dBm)	EIRP Power Limit (dBm)
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-		-
#5210MHz,5290MHz	Pass	-1.00	13.26	13.26	12.26	21.00
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-		-
#5210MHz,5290MHz	Pass	-1.00	9.74	9.74	8.74	21.00

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

For Vertical:
<160MHz (80+80MHz)>:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP Power (dBm)	EIRP Power (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	12.93	0.01963	11.93	0.01560
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	9.16	0.00824	8.16	0.00655

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP Power (dBm)	EIRP Power Limit (dBm)
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-		-
#5210MHz,5290MHz	Pass	-1.00	12.93	12.93	11.93	21.00
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-		-
#5210MHz,5290MHz	Pass	-1.00	9.16	9.16	8.16	21.00

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

For Internal antenna
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	25.05	0.31989
802.11ax HEW20_Nss1,(MCS0)_4TX	25.65	0.36728
802.11ax HEW40_Nss1,(MCS0)_4TX	27.97	0.62661
802.11ax HEW80_Nss1,(MCS0)_4TX	20.96	0.12474
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.97	0.31405
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.95	0.31261
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.96	0.12474
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.84	0.07656
802.11ax HEW20_Nss1,(MCS0)_4TX	19.49	0.08892
802.11ax HEW40_Nss1,(MCS0)_4TX	21.95	0.15668
802.11ax HEW80_Nss1,(MCS0)_4TX	21.86	0.15346
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.87	0.07709
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.54	0.07145
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.93	0.07816
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.92	0.07798
802.11ax HEW20_Nss1,(MCS0)_4TX	19.65	0.09226
802.11ax HEW40_Nss1,(MCS0)_4TX	21.84	0.15276
802.11ax HEW80_Nss1,(MCS0)_4TX	21.96	0.15704
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.68	0.07379
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.93	0.07816
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.89	0.07745
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	26.56	0.45290
802.11ax HEW20_Nss1,(MCS0)_4TX	26.17	0.41400
802.11ax HEW40_Nss1,(MCS0)_4TX	27.21	0.52602
802.11ax HEW80_Nss1,(MCS0)_4TX	27.60	0.57544
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	24.90	0.30903
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.88	0.30761
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.67	0.29309

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	19.15	19.45	18.34	19.1	25.05	28.00
5200MHz	Pass	8.00	18.33	18.44	18.17	18.25	24.32	28.00
5240MHz	Pass	8.00	18.73	18.58	18.1	18.8	24.58	28.00
5260MHz	Pass	8.00	12.77	12.53	12.29	12.75	18.61	21.98
5300MHz	Pass	8.00	12.8	13	12.5	12.31	18.68	21.98
5320MHz	Pass	8.00	12.88	13.1	12.48	12.81	18.84	21.98
5500MHz	Pass	8.00	12.82	12.98	12.51	12.86	18.82	21.98
5580MHz	Pass	8.00	12.68	13.44	12.81	12.63	18.92	21.98
5700MHz	Pass	8.00	13.41	12.9	12.18	12.33	18.75	21.98
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	12.42	11.52	11.89	11.14	17.79	20.81
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	5.92	4.35	5.49	4.95	11.24	28.00
5745MHz	Pass	8.00	20.64	20.77	20.12	20.4	26.51	28.00
5785MHz	Pass	8.00	20.88	20.26	20.13	20.84	26.56	28.00
5825MHz	Pass	8.00	20.94	20.38	19.47	20.22	26.30	28.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	19.59	19.74	18.97	19.39	25.45	28.00
5200MHz	Pass	8.00	19.74	19.91	19.27	19.57	25.65	28.00
5240MHz	Pass	8.00	19.53	19.49	19.36	19.91	25.60	28.00
5260MHz	Pass	8.00	13.57	13.33	13.09	13.84	19.49	21.98
5300MHz	Pass	8.00	13.28	13.77	13.16	13.32	19.41	21.98
5320MHz	Pass	8.00	13.28	13.67	12.98	13.37	19.35	21.98
5500MHz	Pass	8.00	13.53	13.87	12.95	13.9	19.60	21.98
5580MHz	Pass	8.00	13.88	13.65	13.5	13.47	19.65	21.98
5700MHz	Pass	8.00	14.4	13.37	13.24	13.07	19.57	21.98
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	12.83	11.68	11.76	11.72	18.05	20.93
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	6.74	6.07	6.93	6.08	12.49	28.00
5745MHz	Pass	8.00	19.64	19.19	18.8	19.46	25.30	28.00
5785MHz	Pass	8.00	19.17	18.22	18.85	19.11	24.87	28.00
5825MHz	Pass	8.00	20.91	20.57	19.35	19.56	26.17	28.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	13.88	14.33	13.29	14.08	19.93	28.00
5230MHz	Pass	8.00	21.81	22.31	21.62	22.01	27.97	28.00
5270MHz	Pass	8.00	15.6	16.06	15.67	16.33	21.95	21.98
5310MHz	Pass	8.00	15.93	16.29	15.37	16.03	21.94	21.98
5510MHz	Pass	8.00	15.56	15.87	15.52	15.35	21.60	21.98
5550MHz	Pass	8.00	15.82	15.76	15.25	15.33	21.57	21.98
5670MHz	Pass	8.00	16.04	16.03	15.75	15.41	21.84	21.98
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	16.27	15.54	15.37	14.81	21.55	21.98
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	5.59	4.93	5.25	4.71	11.15	28.00
5755MHz	Pass	8.00	21.19	20.73	21.16	21.64	27.21	28.00
5795MHz	Pass	8.00	21.27	20.21	20.75	21.05	26.86	28.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	14.87	15.28	14.58	15	20.96	28.00

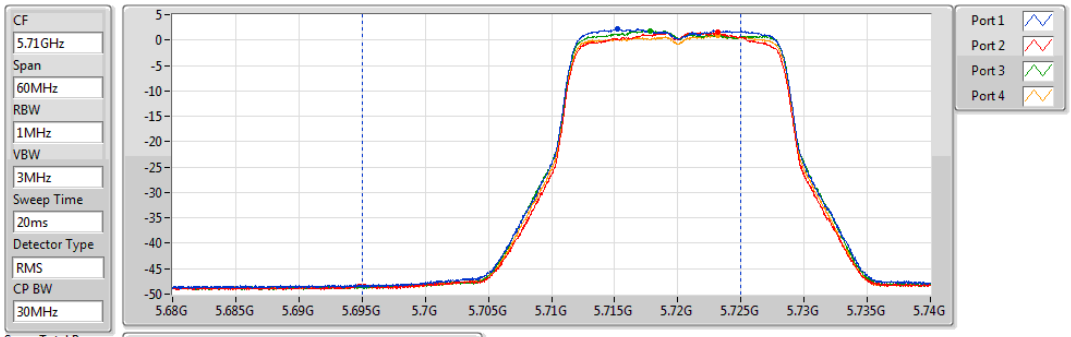
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5290MHz	Pass	8.00	16.11	15.96	15.32	15.91	21.86	21.98
5530MHz	Pass	8.00	16	16.33	15.51	15.88	21.96	21.98
5610MHz	Pass	8.00	15.68	15.34	15.67	15.4	21.55	21.98
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	16.28	16.04	15.65	14.92	21.77	21.98
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	1.4	1.43	1.59	0.72	7.32	28.00
5775MHz	Pass	8.00	21.91	20.83	21.49	21.98	27.60	28.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	19.17	19.26	18.36	18.96	24.97	24.99
5200MHz	Pass	11.01	18.59	19.13	18.02	18.68	24.64	24.99
5240MHz	Pass	11.01	18.71	18.71	18.15	18.56	24.56	24.99
5260MHz	Pass	11.01	13.16	12.83	12.53	12.85	18.87	18.97
5300MHz	Pass	11.01	12.89	13.00	12.57	12.70	18.81	18.97
5320MHz	Pass	11.01	12.93	12.95	12.61	12.60	18.80	18.97
5500MHz	Pass	11.01	12.69	12.87	12.00	12.58	18.57	18.97
5580MHz	Pass	11.01	12.59	13.22	12.61	12.13	18.68	18.97
5700MHz	Pass	11.01	13.42	12.84	11.67	12.06	18.57	18.97
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	12.83	11.68	11.76	11.72	18.05	18.97
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	6.74	6.07	6.93	6.08	12.49	24.99
5745MHz	Pass	11.01	19.02	19.11	18.52	18.85	24.90	24.99
5785MHz	Pass	11.01	19.17	18.22	18.85	19.11	24.87	24.99
5825MHz	Pass	11.01	19.00	19.10	17.78	18.05	24.54	24.99
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	13.88	14.33	13.29	14.08	19.93	24.99
5230MHz	Pass	11.01	19.03	19.30	18.33	19.01	24.95	24.99
5270MHz	Pass	11.01	12.43	12.86	11.92	12.71	18.52	18.97
5310MHz	Pass	11.01	12.57	12.91	12.17	12.38	18.54	18.97
5510MHz	Pass	11.01	12.43	13.10	12.31	12.24	18.55	18.97
5550MHz	Pass	11.01	12.95	13.31	12.51	12.84	18.93	18.97
5670MHz	Pass	11.01	12.79	12.64	12.74	12.62	18.72	18.97
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	13.33	12.43	12.23	12.11	18.57	18.97
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	2.69	1.80	2.16	1.98	8.19	24.99
5755MHz	Pass	11.01	19.03	18.09	18.87	19.02	24.79	24.99
5795MHz	Pass	11.01	19.20	18.11	18.95	19.09	24.88	24.99
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	14.87	15.28	14.58	15	20.96	24.99
5290MHz	Pass	11.01	13.00	13.27	12.69	12.65	18.93	18.97
5530MHz	Pass	11.01	13.03	13.13	12.49	12.69	18.86	18.97
5610MHz	Pass	11.01	13.03	12.63	12.93	12.88	18.89	18.97
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	13.42	12.82	12.56	12.25	18.80	18.97
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-1.38	-1.78	-1.50	-1.95	4.37	24.99
5775MHz	Pass	11.01	18.92	17.66	18.94	18.94	24.67	24.99

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

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

5720MHz Straddle 5.47-5.725GHz

14/08/2020

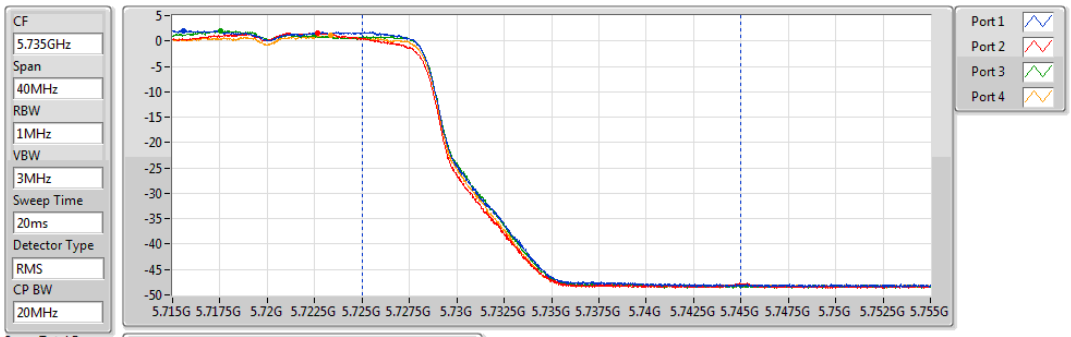


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.79	12.42	11.52	11.89	11.14

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

5720MHz Straddle 5.725-5.85GHz

14/08/2020

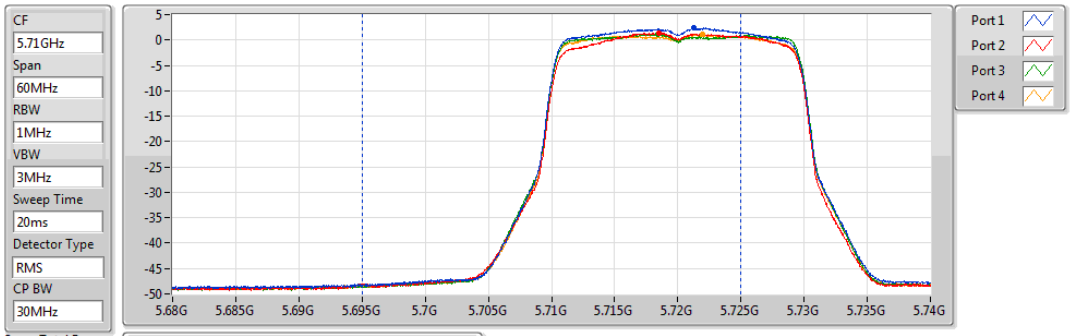


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.24	5.92	4.35	5.49	4.95

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

5720MHz Straddle 5.47-5.725GHz

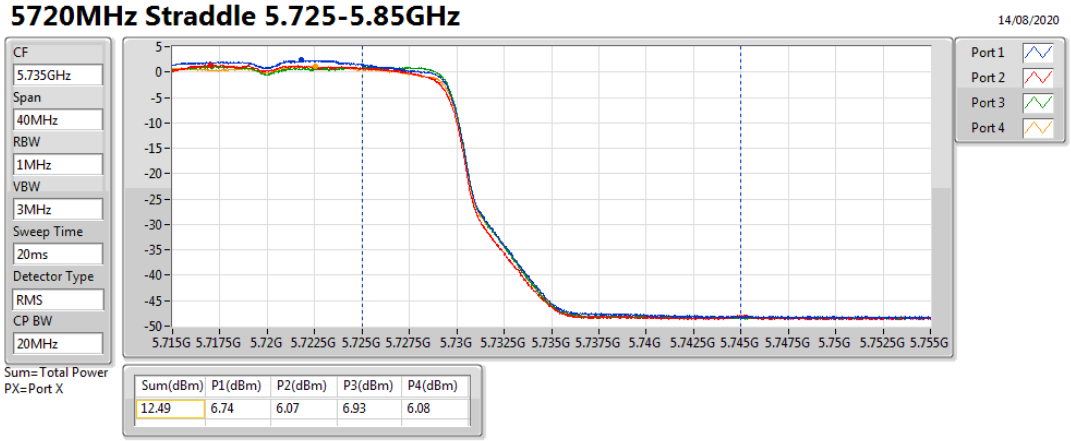
14/08/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.05	12.83	11.68	11.76	11.72

802.11ax HEW20_Nss1,(MCS0)_4TX AV Power

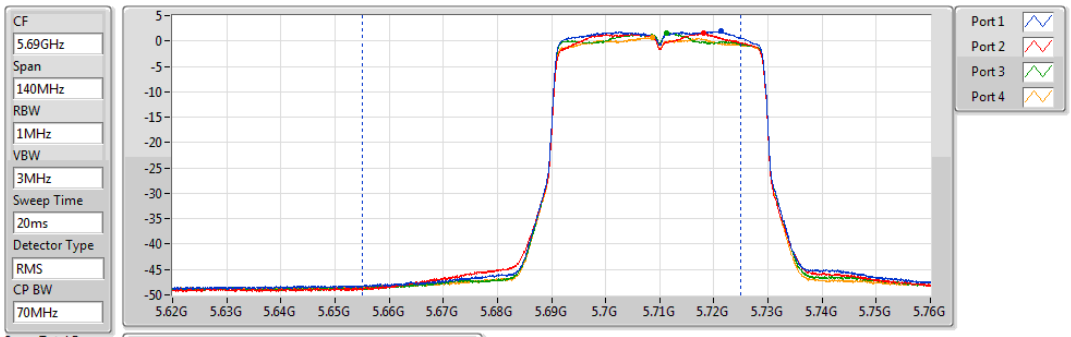
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.49	6.74	6.07	6.93	6.08

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

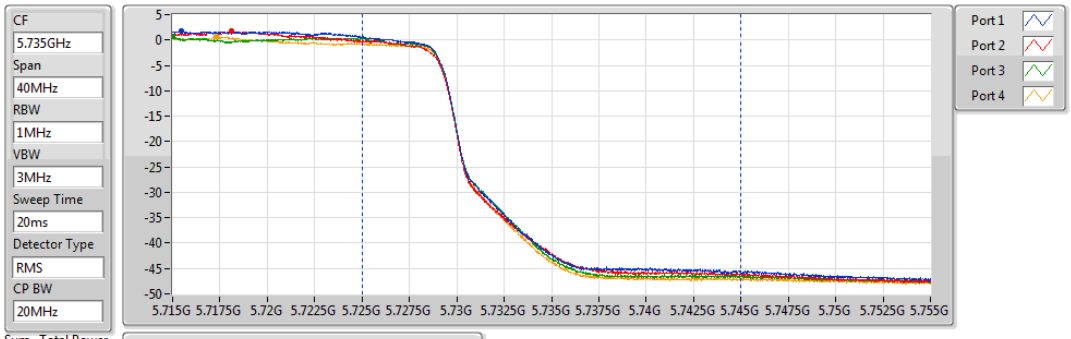
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.55	16.27	15.54	15.37	14.81

802.11ax HEW40_Nss1,(MCS0)_4TX AV Power

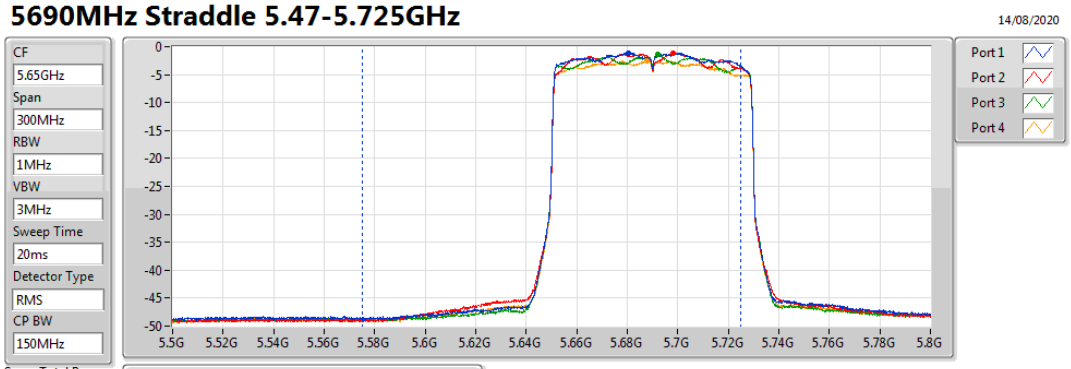
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.15	5.59	4.93	5.25	4.71

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

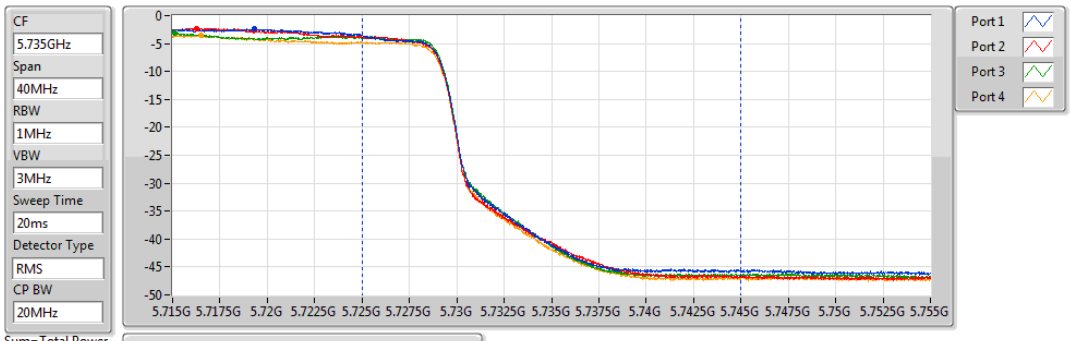
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.77	16.28	16.04	15.65	14.92

802.11ax HEW80_Nss1,(MCS0)_4TX AV Power

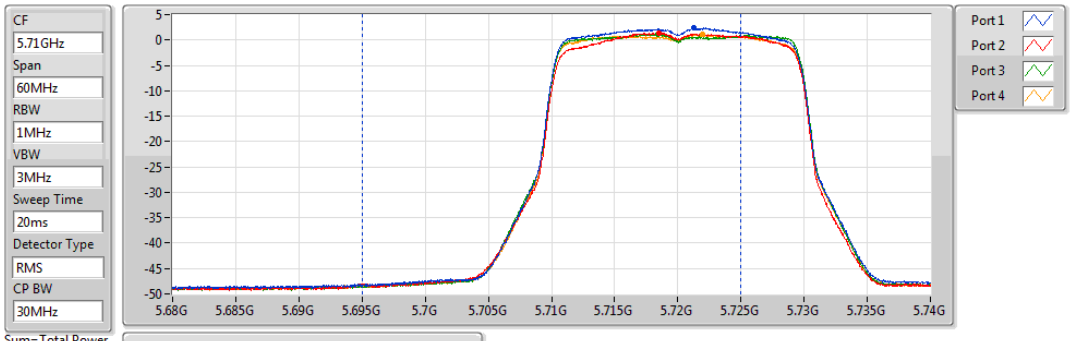
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.32	1.40	1.43	1.59	0.72

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

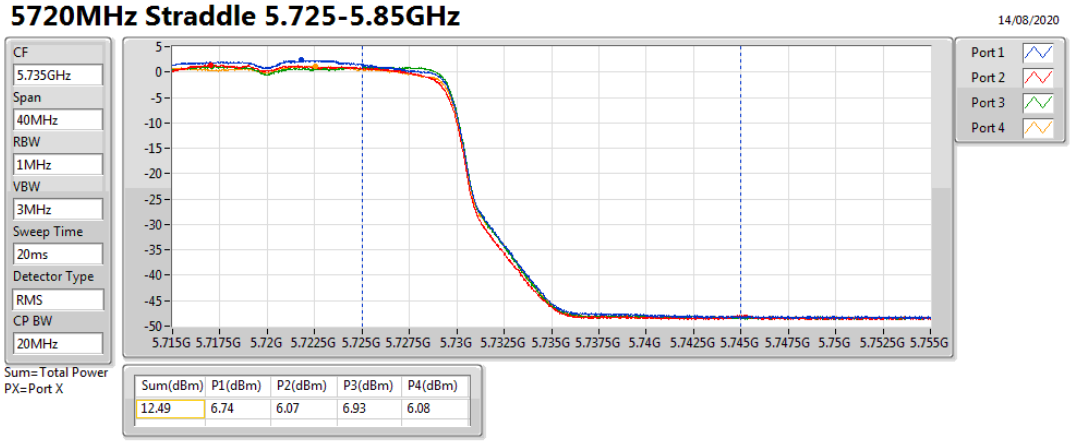
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.05	12.83	11.68	11.76	11.72

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

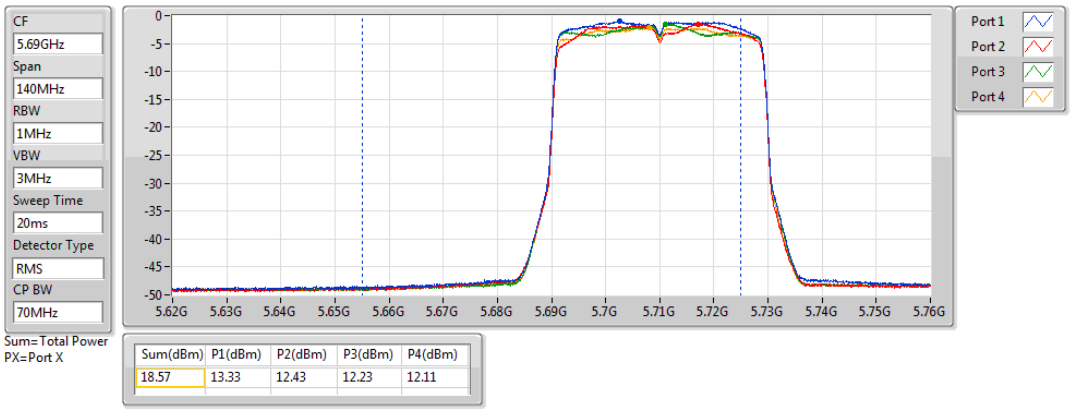
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.49	6.74	6.07	6.93	6.08

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

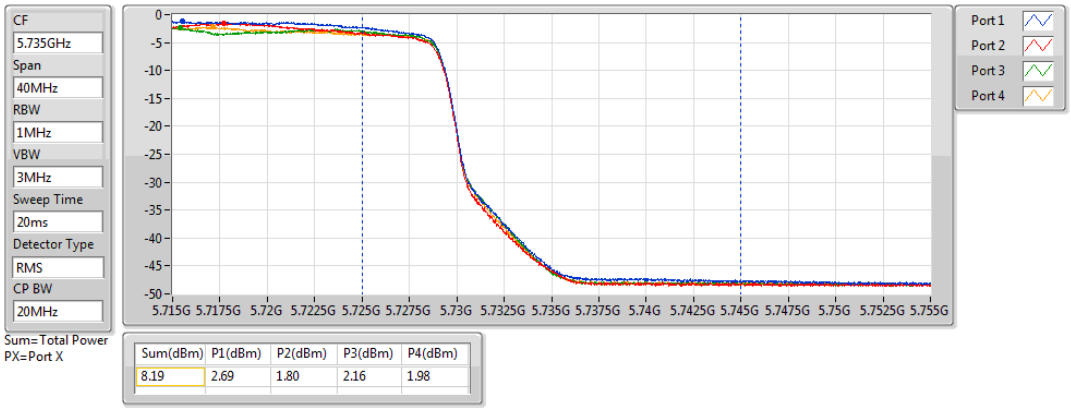
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.57	13.33	12.43	12.23	12.11

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

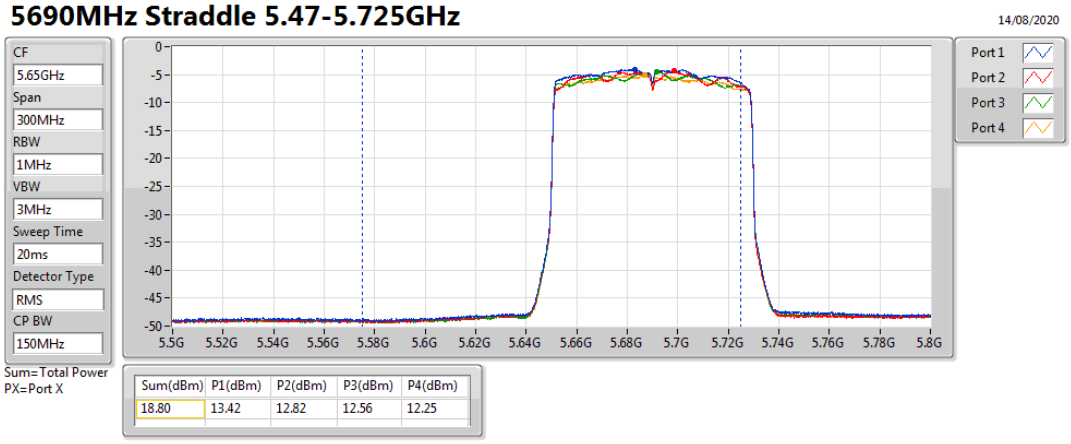
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.19	2.69	1.80	2.16	1.98

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

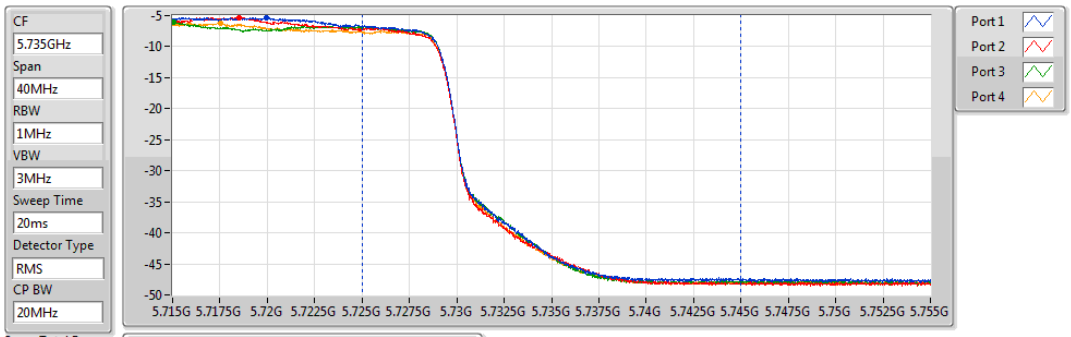
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.80	13.42	12.82	12.56	12.25

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)
4.37	-1.38	-1.78	-1.50	-1.95

<160MHz (80+80MHz)>:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	18.16	0.06546
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	18.16	0.06546
5.25-5.35GHz	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	16.71	0.04688
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	16.71	0.04688
5.47-5.725GHz	-	-
802.11ax HEW80+80_Nss2,(MCS0)_4TX	21.49	0.14093
802.11ax HEW80+80-BF_Nss2,(MCS0)_4TX	18.74	0.07482

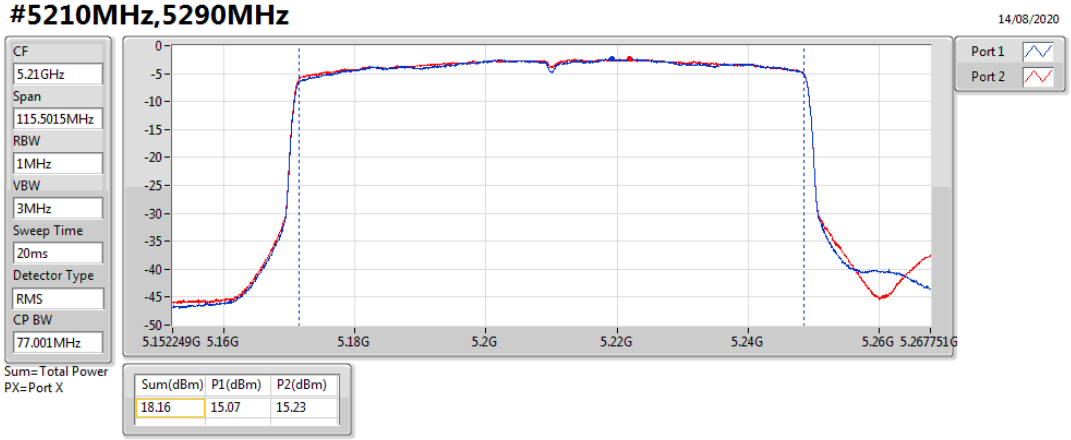
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	8.00	15.07	15.23			18.16	28.00
5210MHz,#5290MHz	Pass	8.00			13.45	13.94	16.71	21.98
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	8.00	15.80	16.62	14.37	14.74	21.49	21.98
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	11.01	15.07	15.23			18.16	24.99
5210MHz,#5290MHz	Pass	11.01			13.45	13.94	16.71	18.97
802.11ax HEW80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	11.01	13.21	13.97	11.01	12.13	18.74	18.97

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

802.11ax HEW80+80_Nss1,(MCS0)_4TX **AV Power**

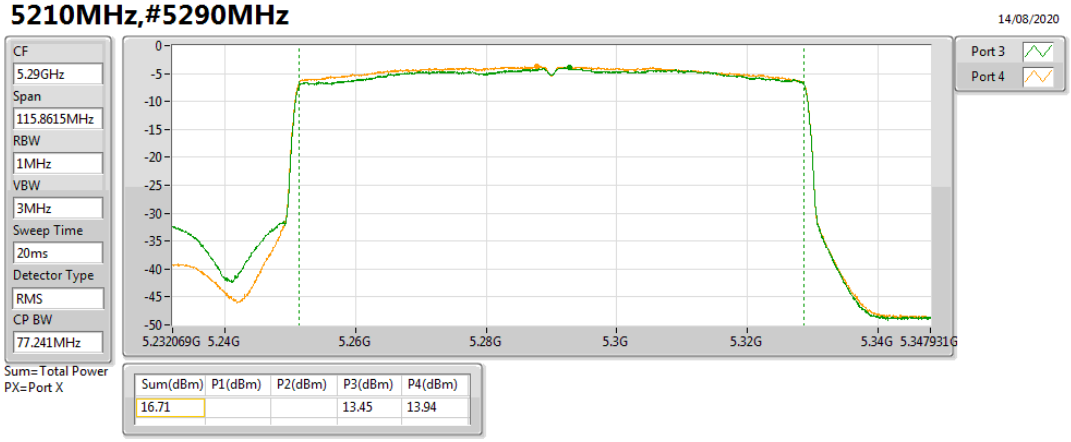
#5210MHz,5290MHz



Sum(dBm)	P1(dBm)	P2(dBm)
18.16	15.07	15.23

802.11ax HEW80+80_Nss1,(MCS0)_4TX **AV Power**

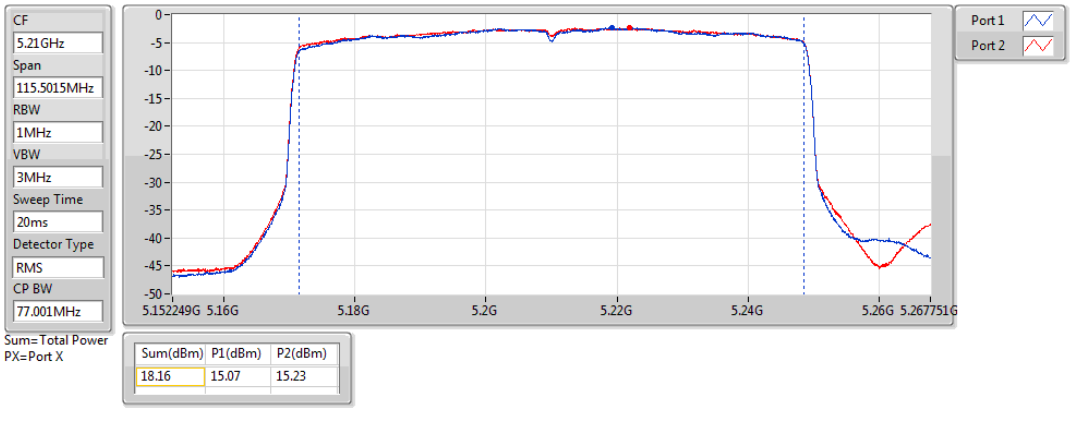
5210MHz,#5290MHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.71			13.45	13.94

802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX **AV Power**

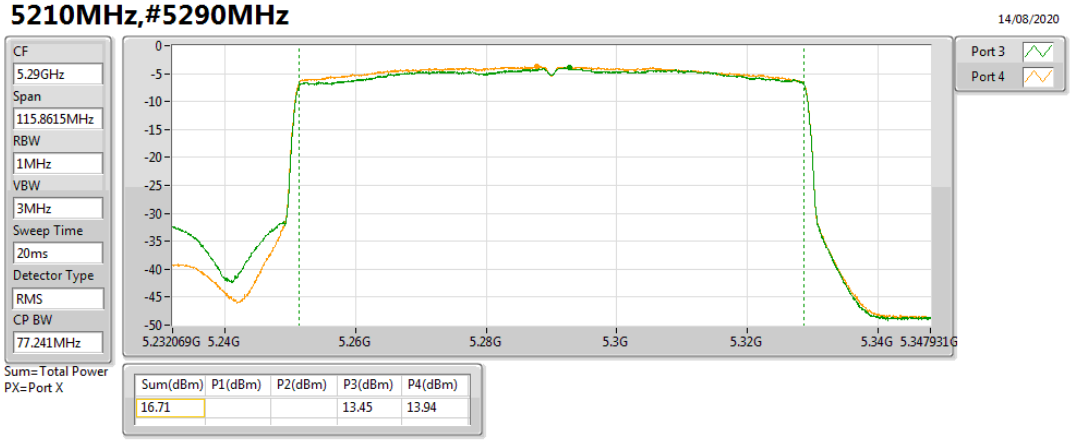
#5210MHz,5290MHz



Sum(dBm)	P1(dBm)	P2(dBm)
18.16	15.07	15.23

802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX **AV Power**

5210MHz,#5290MHz



For Horizontal:
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP Power (dBm)	EIRP Power (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.94	0.15631	17.94	0.06223
802.11ax HEW20_Nss1,(MCS0)_4TX	22.61	0.18239	18.61	0.07261
802.11ax HEW40_Nss1,(MCS0)_4TX	24.99	0.31550	20.99	0.12560
802.11ax HEW80_Nss1,(MCS0)_4TX	17.95	0.06237	13.95	0.02483
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.84	0.15276	17.84	0.06081
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.85	0.15311	17.85	0.06095
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.95	0.06237	13.95	0.02483

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	EIRP Power (dBm)	EIRP Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-		-
5180MHz	Pass	-4.00	19.45	18.34	21.94	17.94	21.00
5200MHz	Pass	-4.00	18.44	18.17	21.32	17.32	21.00
5240MHz	Pass	-4.00	18.58	18.10	21.36	17.36	21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	19.74	18.97	22.38	18.38	21.00
5200MHz	Pass	-4.00	19.91	19.27	22.61	18.61	21.00
5240MHz	Pass	-4.00	19.49	19.36	22.44	18.44	21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5190MHz	Pass	-4.00	14.33	13.29	16.85	12.85	21.00
5230MHz	Pass	-4.00	22.31	21.62	24.99	20.99	21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5210MHz	Pass	-4.00	15.28	14.58	17.95	13.95	21.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	19.26	18.36	21.84	17.84	21.00
5200MHz	Pass	-4.00	19.13	18.02	21.62	17.62	21.00
5240MHz	Pass	-4.00	18.71	18.15	21.45	17.45	21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5190MHz	Pass	-4.00	14.33	13.29	16.85	12.85	21.00
5230MHz	Pass	-4.00	19.30	18.33	21.85	17.85	21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5210MHz	Pass	-4.00	15.28	14.58	17.95	13.95	21.00

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

For Vertical:
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP Power (dBm)	EIRP Power (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.14	0.16368	18.14	0.06516
802.11ax HEW20_Nss1,(MCS0)_4TX	22.73	0.18750	18.73	0.07464
802.11ax HEW40_Nss1,(MCS0)_4TX	24.92	0.31046	20.92	0.12359
802.11ax HEW80_Nss1,(MCS0)_4TX	17.95	0.06237	13.95	0.02483
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.08	0.16144	18.08	0.06427
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.03	0.15959	18.03	0.06353
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.95	0.06237	13.95	0.02483

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 4 (dBm)	Total Power (dBm)	EIRP Power (dBm)	EIRP Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-		-
5180MHz	Pass	-4.00	19.15	19.10	22.14	18.14	21.00
5200MHz	Pass	-4.00	18.33	18.25	21.30	17.30	21.00
5240MHz	Pass	-4.00	18.73	18.80	21.78	17.78	21.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	19.59	19.39	22.50	18.50	21.00
5200MHz	Pass	-4.00	19.74	19.57	22.67	18.67	21.00
5240MHz	Pass	-4.00	19.53	19.91	22.73	18.73	21.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5190MHz	Pass	-4.00	13.88	14.08	16.99	12.99	21.00
5230MHz	Pass	-4.00	21.81	22.01	24.92	20.92	21.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5210MHz	Pass	-4.00	14.87	15.00	17.95	13.95	21.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5180MHz	Pass	-4.00	19.17	18.96	22.08	18.08	21.00
5200MHz	Pass	-4.00	18.59	18.68	21.65	17.65	21.00
5240MHz	Pass	-4.00	18.71	18.56	21.65	17.65	21.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5190MHz	Pass	-4.00	13.88	14.08	16.99	12.99	21.00
5230MHz	Pass	-4.00	19.03	19.01	22.03	18.03	21.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-
5210MHz	Pass	-4.00	14.87	15.00	17.95	13.95	21.00

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

For Horizontal:
<160MHz (80+80MHz)>:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP Power (dBm)	EIRP Power (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	15.23	0.03334	11.23	0.01327
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	15.23	0.03334	11.23	0.01327

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Total Power (dBm)	EIRP Power (dBm)	EIRP Power Limit (dBm)
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-		-
#5210MHz,5290MHz	Pass	-4.00	15.23	15.23	11.23	21.00
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-		-
#5210MHz,5290MHz	Pass	-4.00	15.23	15.23	11.23	21.00

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

For Vertical:
<160MHz (80+80MHz)>:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP Power (dBm)	EIRP Power (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	15.07	0.03214	11.07	0.01279
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	15.07	0.03214	11.07	0.01279

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	EIRP Power (dBm)	EIRP Power Limit (dBm)
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-		-
#5210MHz,5290MHz	Pass	-4.00	15.07	15.07	11.07	21.00
802.11ax HEW80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-		-
#5210MHz,5290MHz	Pass	-4.00	15.07	15.07	11.07	21.00

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

For External antenna
<20MHz, 40MHz, 80MHz>:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_(6Mbps)_4TX	5.23
802.11ax HEW20_Nss1,(MCS0)_4TX	5.47
802.11ax HEW40_Nss1,(MCS0)_4TX	5.38
802.11ax HEW80_Nss1,(MCS0)_4TX	1.71
5.25-5.35GHz	-
802.11a_(6Mbps)_4TX	-0.55
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.58
802.11ax HEW40_Nss1,(MCS0)_4TX	-0.75
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.75
5.47-5.725GHz	-
802.11a_(6Mbps)_4TX	-0.71
802.11ax HEW20_Nss1,(MCS0)_4TX	-0.64
802.11ax HEW40_Nss1,(MCS0)_4TX	-0.61
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.63
5.725-5.85GHz	-
802.11a_(6Mbps)_4TX	7.27
802.11ax HEW20_Nss1,(MCS0)_4TX	6.99
802.11ax HEW40_Nss1,(MCS0)_4TX	4.02
802.11ax HEW80_Nss1,(MCS0)_4TX	1.01

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

Result

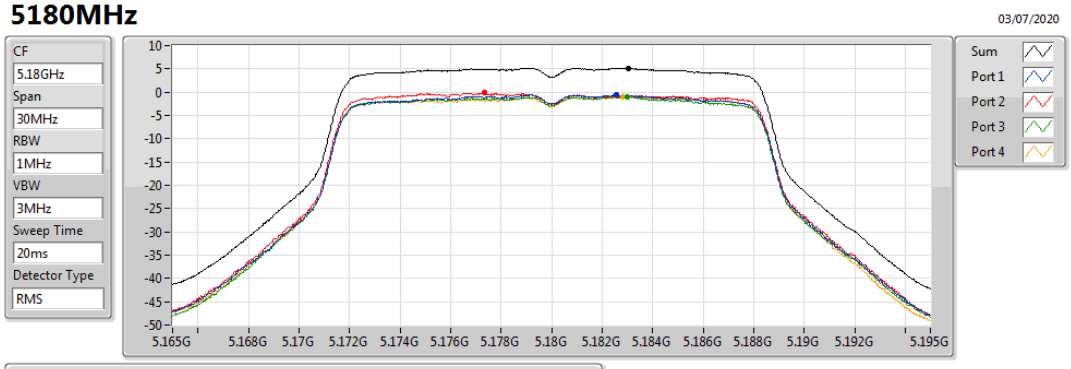
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	17.51	-0.49	-0.19	-0.94	-0.93	5.17	5.49
5200MHz	Pass	17.51	-0.65	-0.41	-1.07	-1.10	5.02	5.49
5240MHz	Pass	17.51	-0.61	-0.53	-0.95	-0.49	5.23	5.49
5260MHz	Pass	17.51	-6.67	-6.46	-7.22	-7.33	-0.98	-0.51
5300MHz	Pass	17.51	-6.44	-6.23	-6.50	-6.64	-0.55	-0.51
5320MHz	Pass	17.51	-6.68	-6.53	-6.88	-6.84	-0.85	-0.51
5500MHz	Pass	17.51	-6.81	-6.34	-6.39	-6.92	-0.71	-0.51
5580MHz	Pass	17.51	-6.58	-6.54	-7.09	-6.86	-0.88	-0.51
5700MHz	Pass	17.51	-6.21	-5.85	-6.65	-6.94	-0.76	-0.51
5720MHz Straddle 5.47-5.725GHz	Pass	17.51	-6.06	-6.59	-6.31	-6.86	-0.83	-0.51
5720MHz Straddle 5.725-5.85GHz	Pass	17.51	-9.28	-8.27	-8.49	-9.20	-2.86	18.49
5745MHz	Pass	17.51	1.74	1.85	1.81	1.04	7.14	18.49
5785MHz	Pass	17.51	1.34	1.96	1.62	0.94	7.18	18.49
5825MHz	Pass	17.51	1.61	2.76	1.15	1.05	7.27	18.49
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	17.51	-0.34	0.15	-0.50	-0.60	5.47	5.49
5200MHz	Pass	17.51	-0.66	-0.11	-0.45	-0.27	5.46	5.49
5240MHz	Pass	17.51	-0.42	-0.60	-0.83	-0.73	5.08	5.49
5260MHz	Pass	17.51	-6.60	-6.02	-6.28	-6.75	-0.68	-0.51
5300MHz	Pass	17.51	-6.28	-6.50	-6.75	-6.79	-0.75	-0.51
5320MHz	Pass	17.51	-6.16	-6.09	-6.84	-6.53	-0.58	-0.51
5500MHz	Pass	17.51	-7.56	-6.26	-6.51	-7.10	-0.97	-0.51
5580MHz	Pass	17.51	-6.55	-6.15	-6.69	-6.36	-0.64	-0.51
5700MHz	Pass	17.51	-6.85	-5.28	-6.59	-6.88	-0.72	-0.51
5720MHz Straddle 5.47-5.725GHz	Pass	17.51	-6.76	-6.43	-6.33	-7.08	-0.97	-0.51
5720MHz Straddle 5.725-5.85GHz	Pass	17.51	-8.73	-8.82	-9.53	-9.19	-3.08	18.49
5745MHz	Pass	17.51	1.34	1.23	0.97	0.81	6.71	18.49
5785MHz	Pass	17.51	1.52	1.91	1.14	0.84	6.99	18.49
5825MHz	Pass	17.51	1.41	2.16	1.32	0.72	6.90	18.49
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	17.51	-0.39	-0.33	-0.75	-0.85	5.10	5.49
5230MHz	Pass	17.51	-0.30	-0.54	-0.44	-0.34	5.38	5.49
5270MHz	Pass	17.51	-6.51	-6.34	-6.78	-6.76	-0.75	-0.51
5310MHz	Pass	17.51	-6.40	-6.45	-6.86	-7.06	-0.82	-0.51
5510MHz	Pass	17.51	-6.74	-6.12	-6.73	-7.05	-0.78	-0.51
5550MHz	Pass	17.51	-6.67	-5.98	-7.03	-7.06	-0.81	-0.51
5670MHz	Pass	17.51	-6.22	-5.71	-6.34	-6.69	-0.61	-0.51
5710MHz Straddle 5.47-5.725GHz	Pass	17.51	-6.29	-6.09	-6.56	-6.67	-0.63	-0.51
5710MHz Straddle 5.725-5.85GHz	Pass	17.51	-9.27	-8.96	-9.56	-9.68	-3.41	18.49
5755MHz	Pass	17.51	-1.55	-2.12	-1.29	-1.56	4.02	18.49
5795MHz	Pass	17.51	-1.67	-1.77	-1.32	-1.71	3.99	18.49
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	17.51	-4.17	-4.10	-4.17	-4.40	1.71	5.49

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)
5290MHz	Pass	17.51	-9.20	-9.28	-9.55	-9.67	-3.75	-0.51
5530MHz	Pass	17.51	-9.62	-8.97	-10.00	-9.88	-3.79	-0.51
5610MHz	Pass	17.51	-9.48	-9.22	-9.33	-9.68	-3.63	-0.51
5690MHz Straddle 5.47-5.725GHz	Pass	17.51	-9.61	-9.23	-10.14	-10.03	-3.93	-0.51
5690MHz Straddle 5.725-5.85GHz	Pass	17.51	-14.44	-13.46	-14.27	-14.44	-8.16	18.49
5775MHz	Pass	17.51	-4.72	-5.28	-4.05	-4.75	1.01	18.49

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_(6Mbps)_4TX PSD

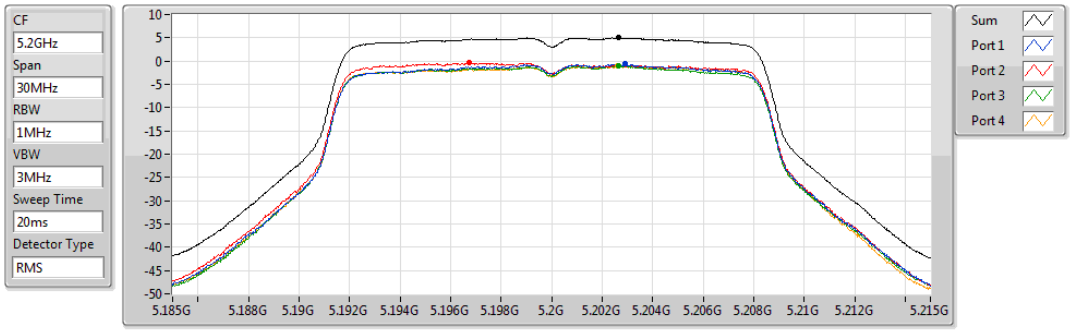
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.49	-0.19	-0.94	-0.93

802.11a_(6Mbps)_4TX PSD

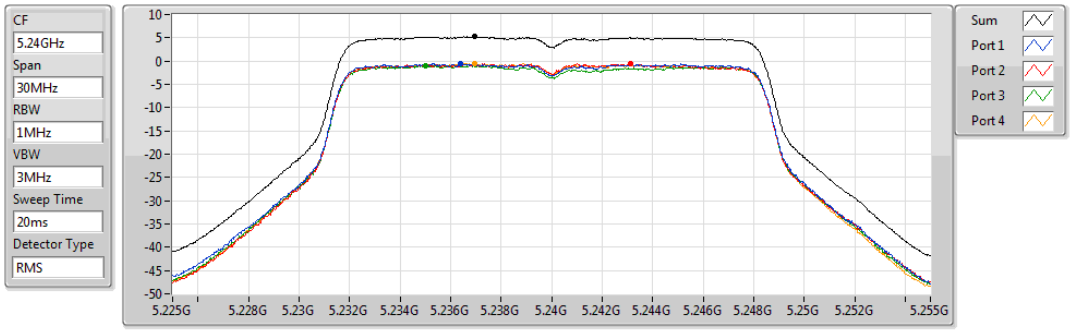
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	-0.65	-0.41	-1.07	-1.10

802.11a_(6Mbps)_4TX PSD

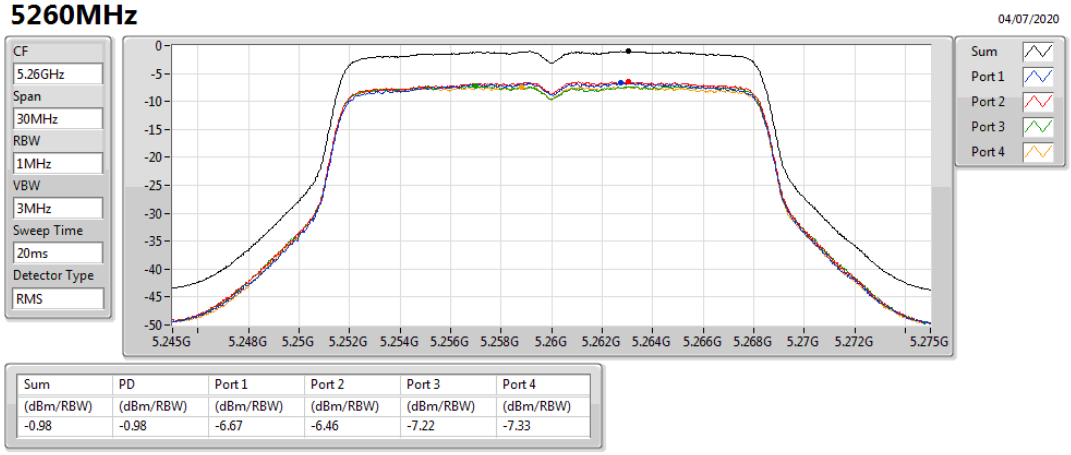
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.23	5.23	-0.61	-0.53	-0.95	-0.49

802.11a_(6Mbps)_4TX PSD

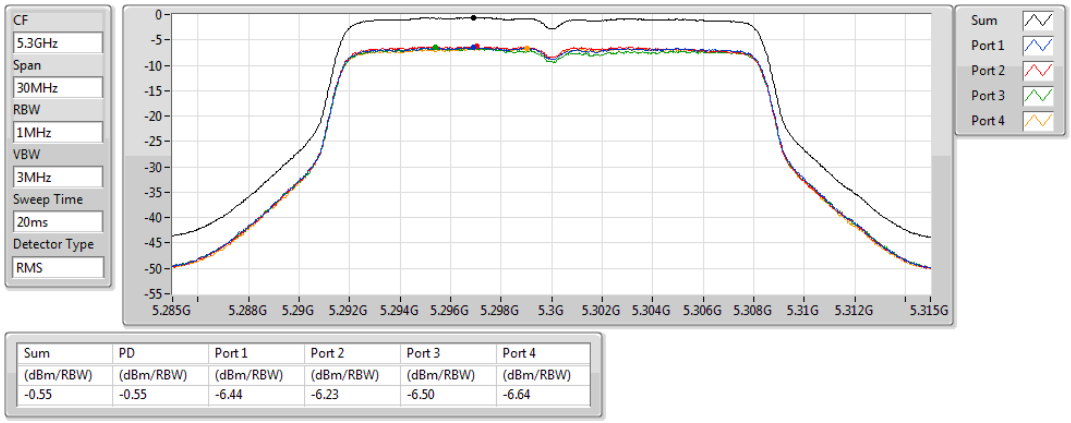
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.98	-0.98	-6.67	-6.46	-7.22	-7.33

802.11a_(6Mbps)_4TX PSD

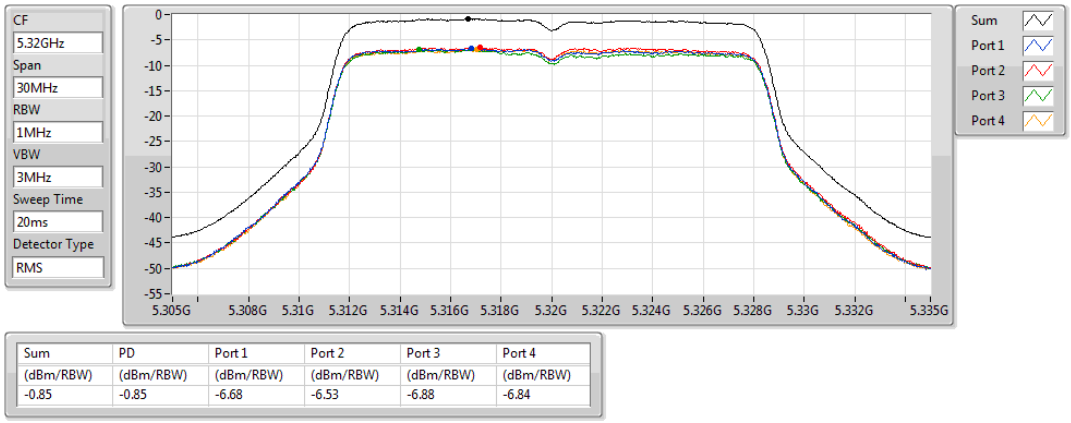
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.55	-0.55	-6.44	-6.23	-6.50	-6.64

802.11a_(6Mbps)_4TX PSD

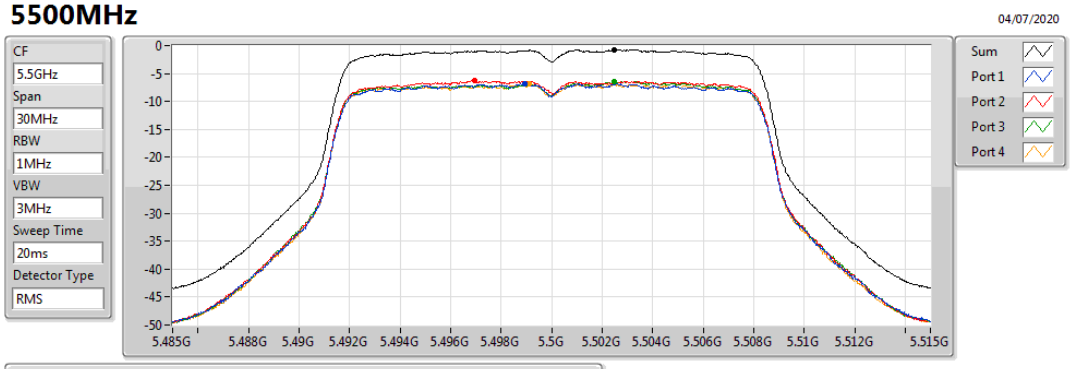
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.85	-0.85	-6.68	-6.53	-6.88	-6.84

802.11a_(6Mbps)_4TX PSD

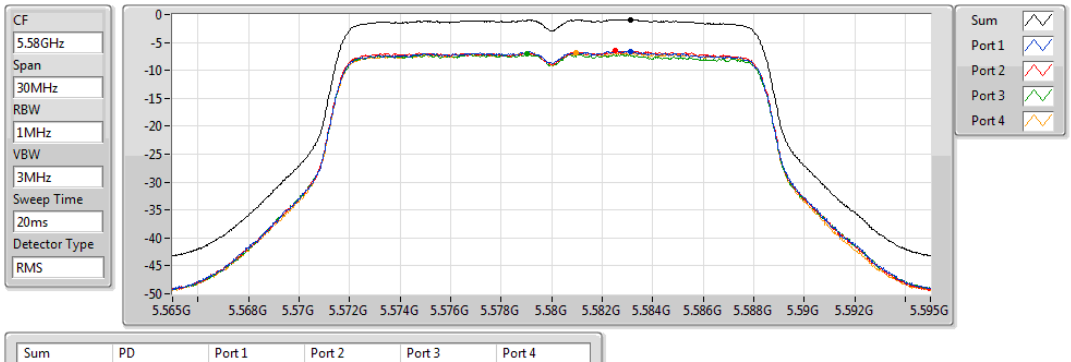
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.71	-0.71	-6.81	-6.34	-6.39	-6.92

802.11a_(6Mbps)_4TX PSD

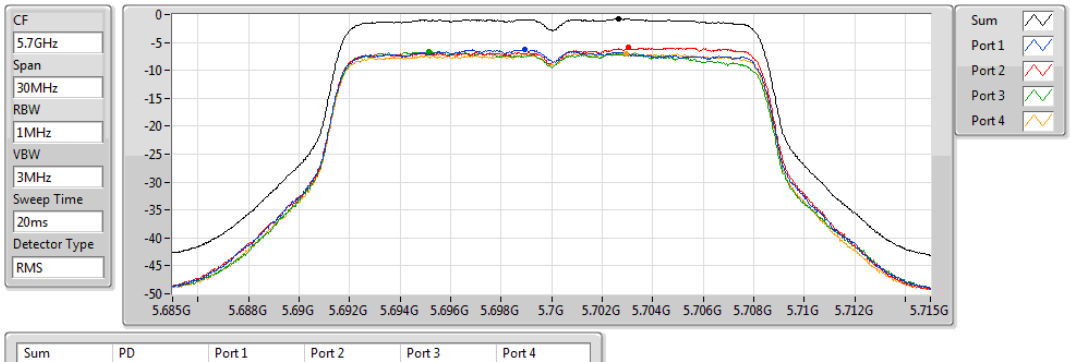
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.88	-0.88	-6.58	-6.54	-7.09	-6.86

802.11a_(6Mbps)_4TX PSD

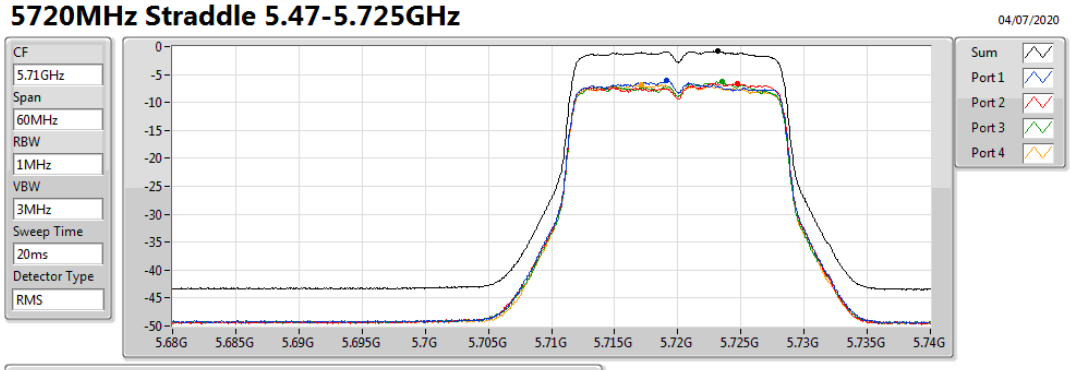
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.76	-0.76	-6.21	-5.85	-6.65	-6.94

802.11a_(6Mbps)_4TX PSD

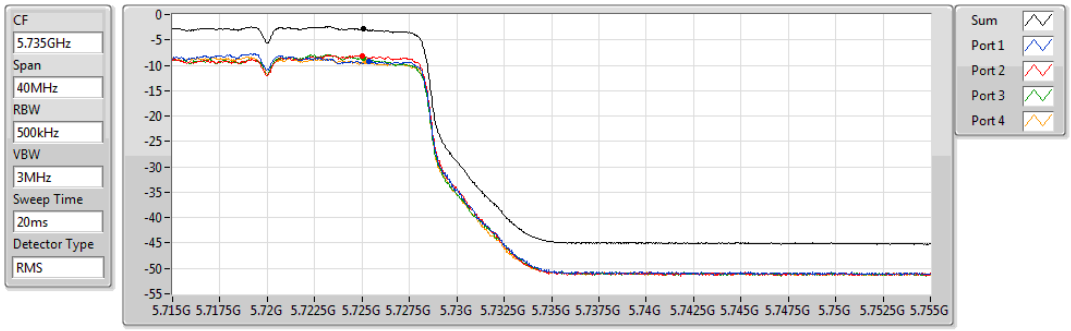
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.83	-0.83	-6.06	-6.59	-6.31	-6.86

802.11a_(6Mbps)_4TX PSD

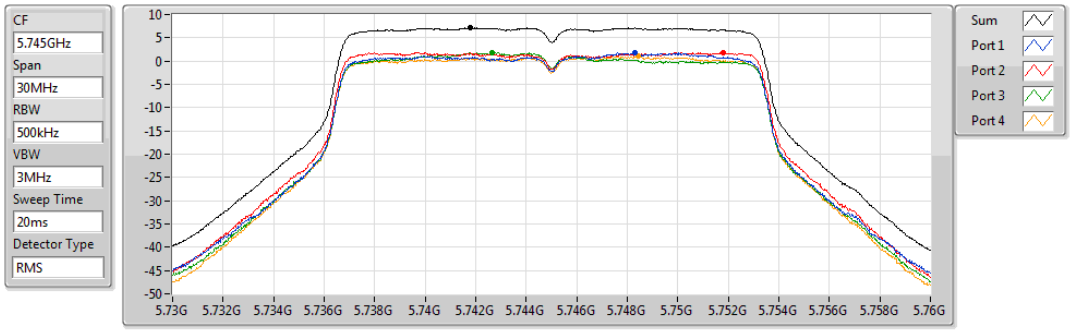
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.86	-2.86	-9.28	-8.27	-8.49	-9.20

802.11a_(6Mbps)_4TX PSD

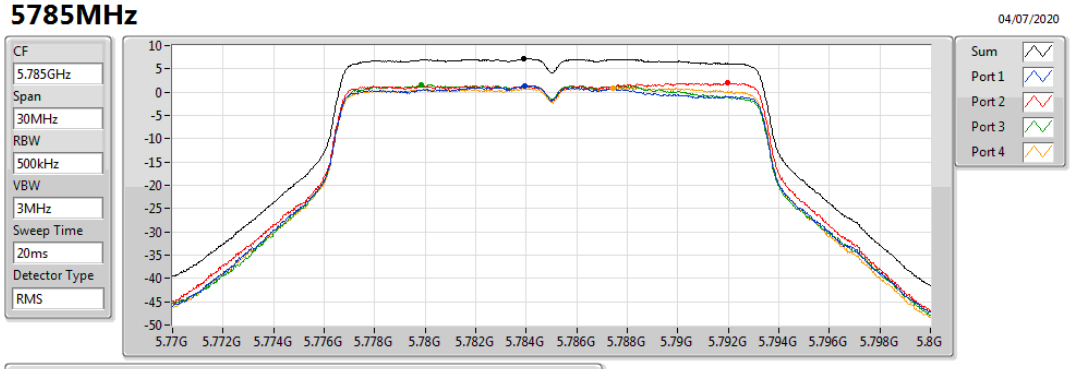
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.14	7.14	1.74	1.85	1.81	1.04

802.11a_(6Mbps)_4TX PSD

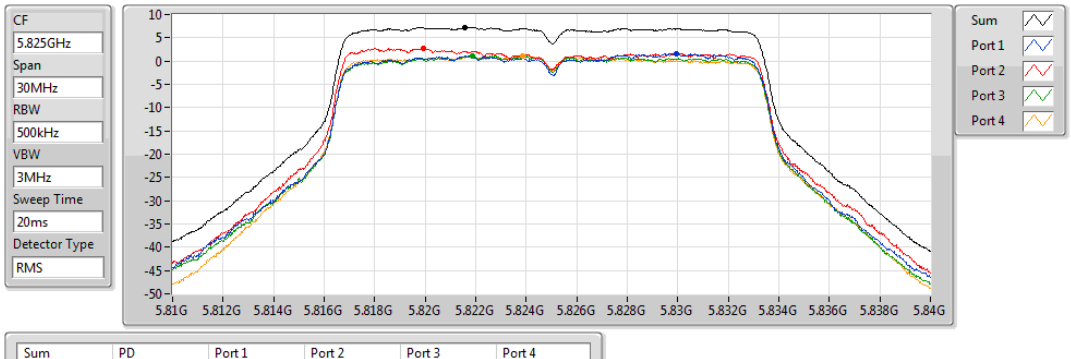
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.18	7.18	1.34	1.96	1.62	0.94

802.11a_(6Mbps)_4TX PSD

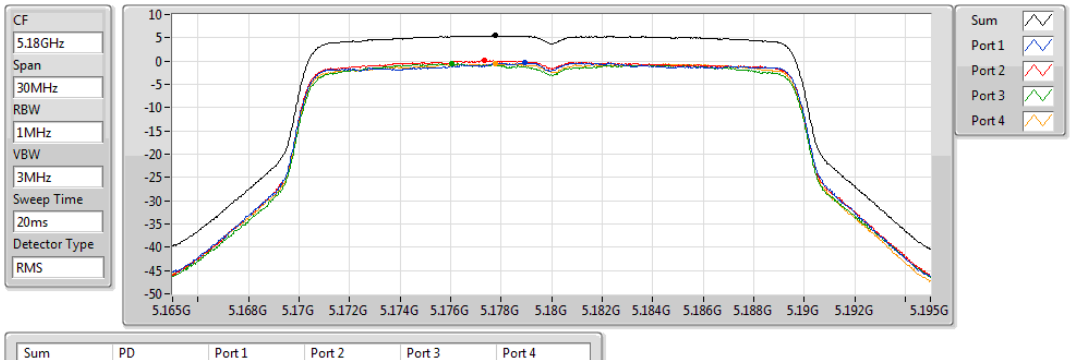
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	1.61	2.76	1.15	1.05

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

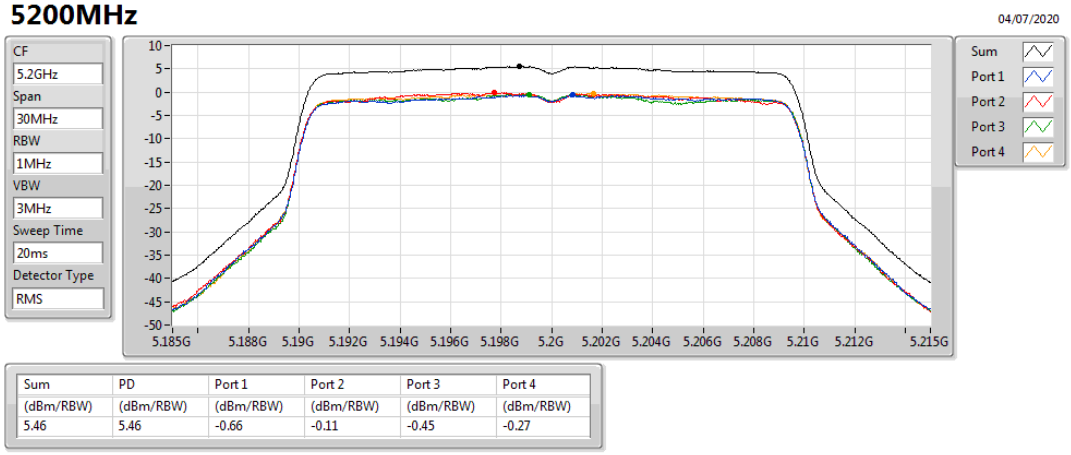
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	-0.34	0.15	-0.50	-0.60

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

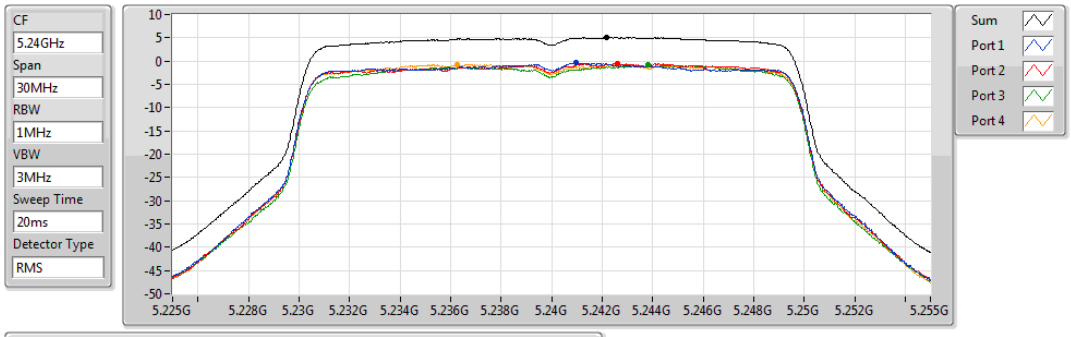
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.46	5.46	-0.66	-0.11	-0.45	-0.27

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

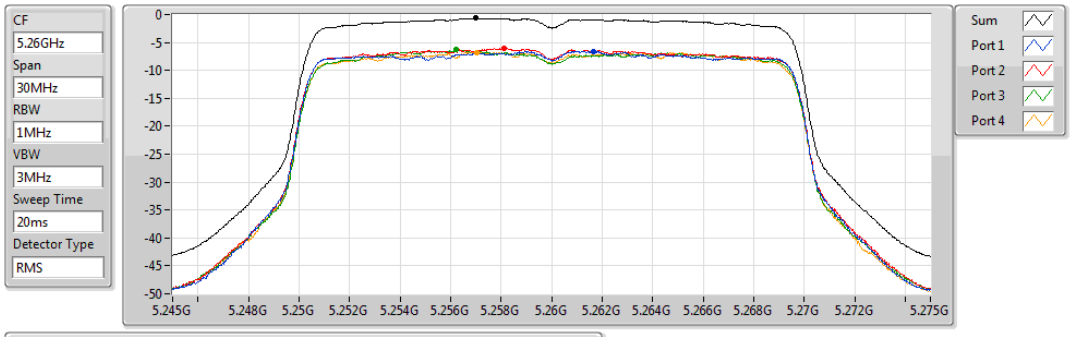
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	-0.42	-0.60	-0.83	-0.73

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

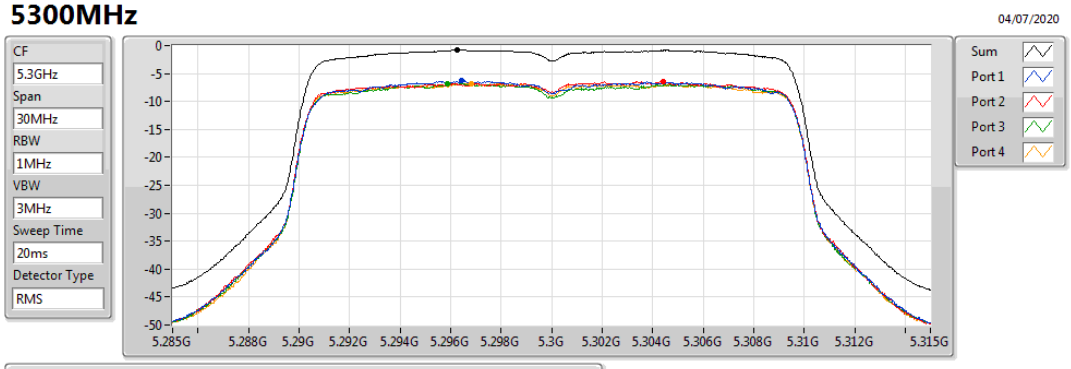
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.68	-0.68	-6.60	-6.02	-6.28	-6.75

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

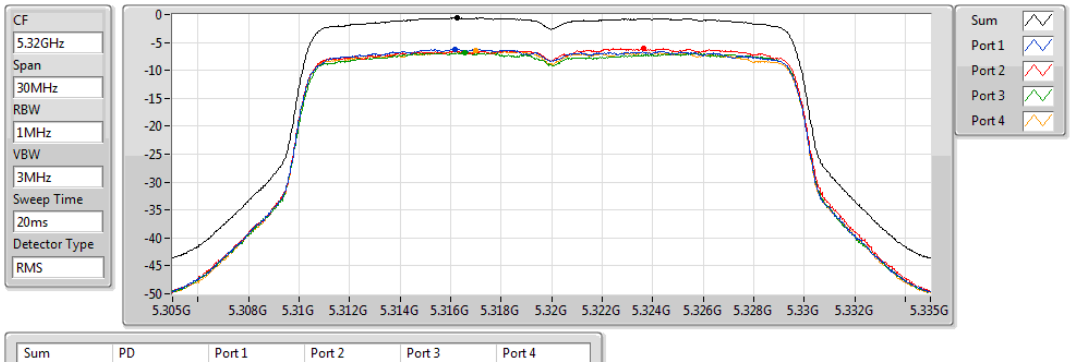
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.75	-0.75	-6.28	-6.50	-6.75	-6.79

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

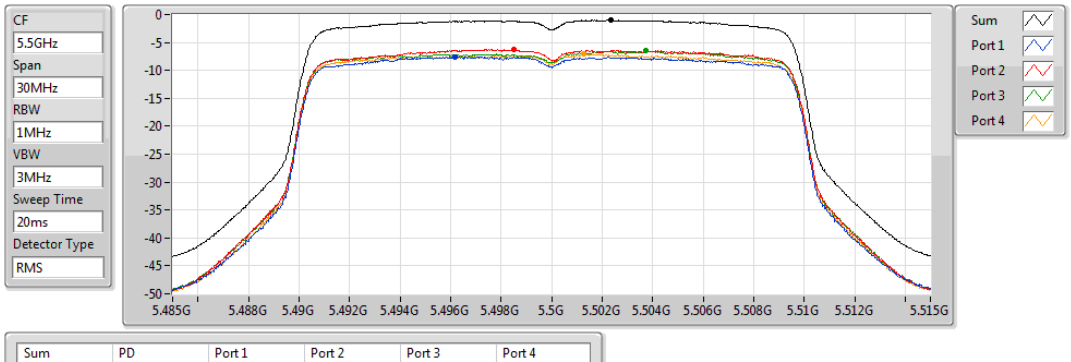
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.58	-0.58	-6.16	-6.09	-6.84	-6.53

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

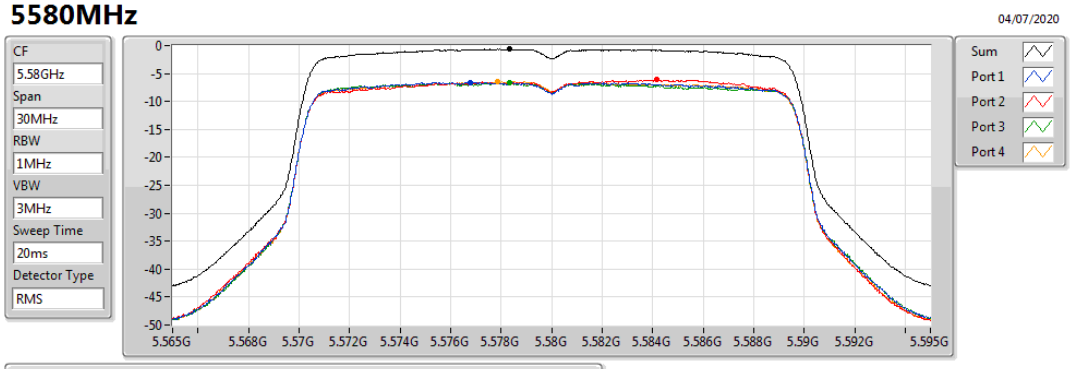
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.97	-0.97	-7.56	-6.26	-6.51	-7.10

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

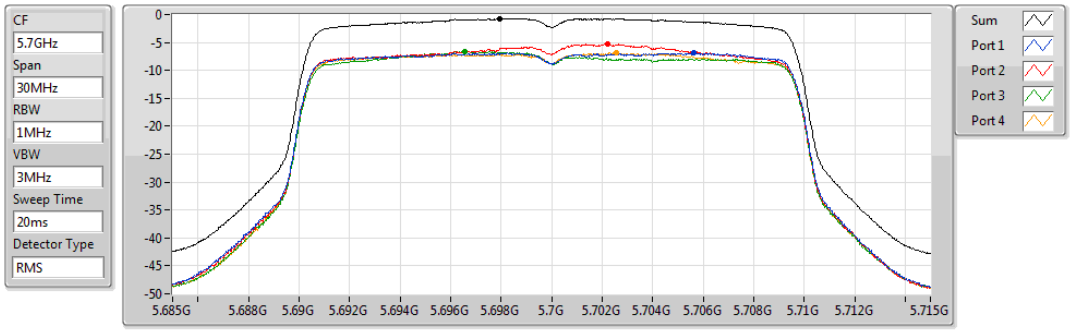
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.64	-0.64	-6.55	-6.15	-6.69	-6.36

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

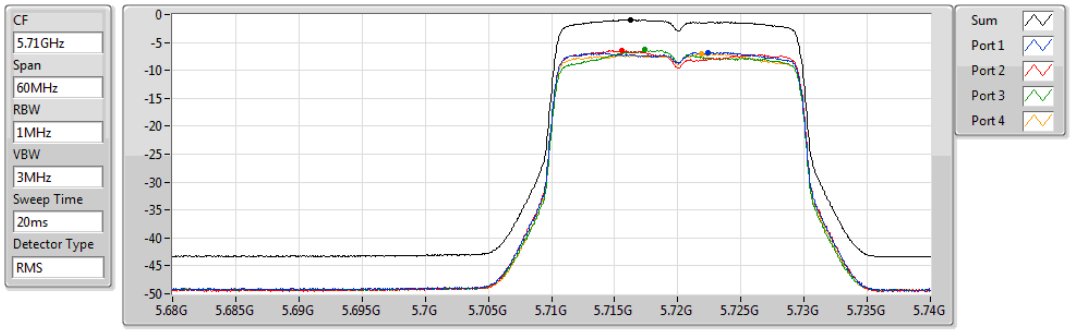
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-6.85	-5.28	-6.59	-6.88

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

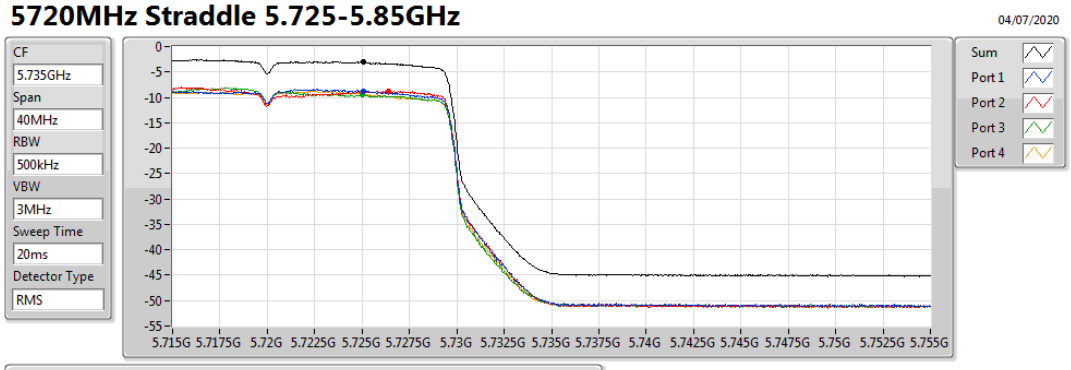
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.97	-0.97	-6.76	-6.43	-6.33	-7.08

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

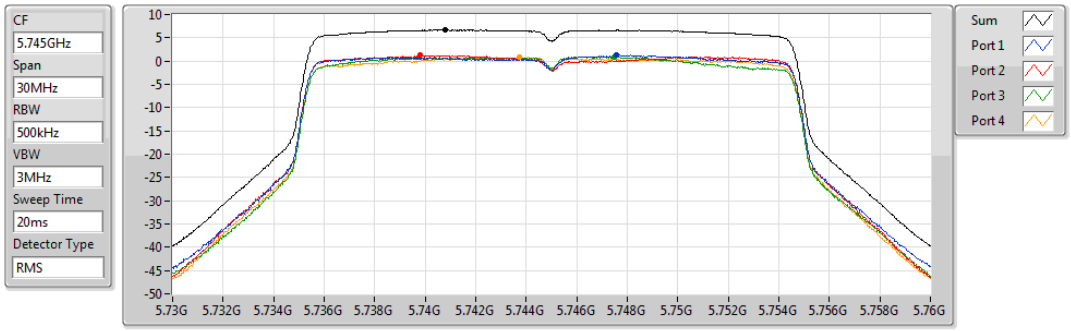
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.08	-3.08	-8.73	-8.82	-9.53	-9.19

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

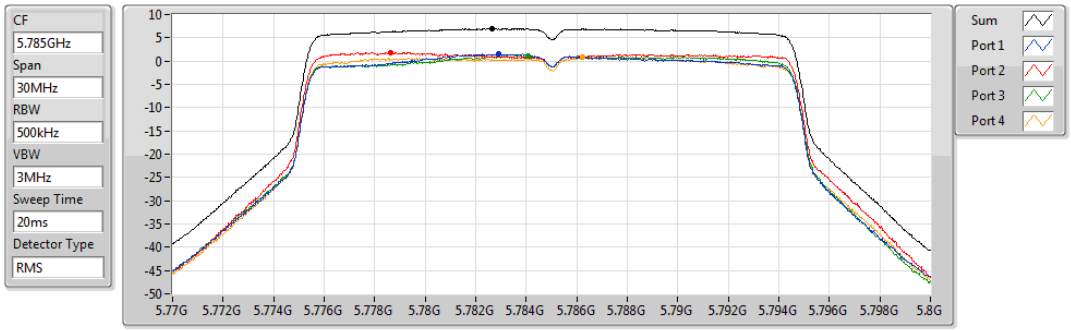
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	1.34	1.23	0.97	0.81

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

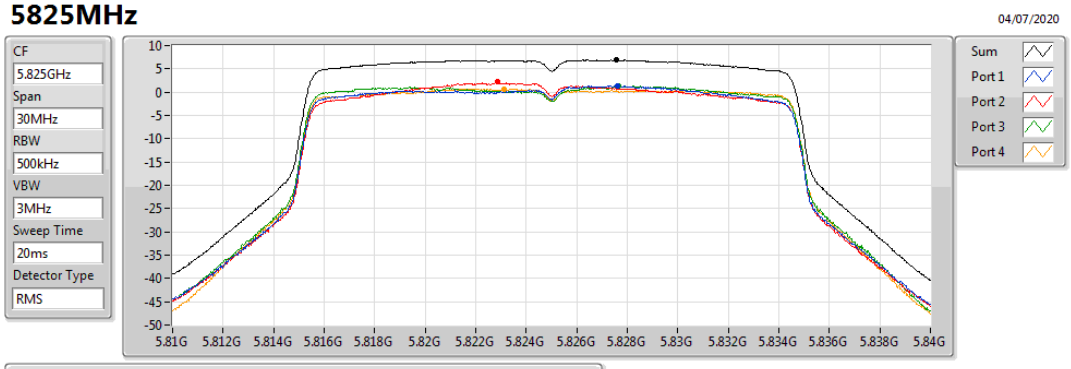
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	1.52	1.91	1.14	0.84

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

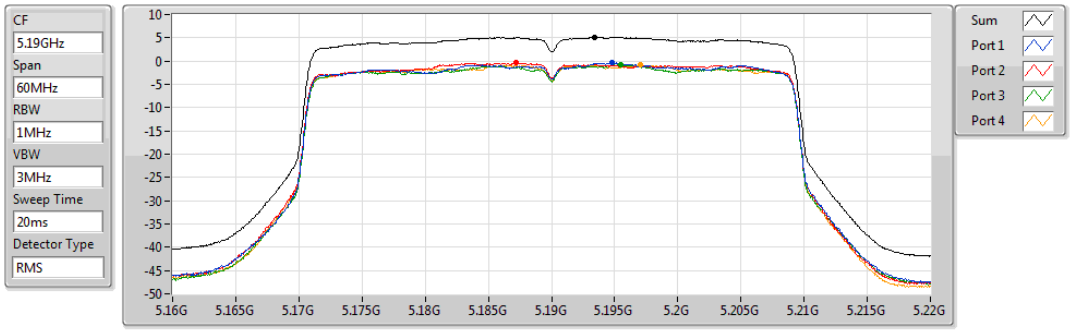
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	1.41	2.16	1.32	0.72

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

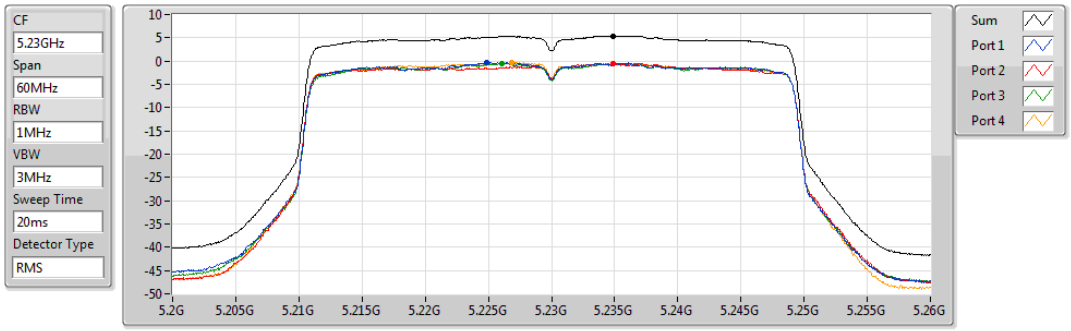
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	-0.39	-0.33	-0.75	-0.85

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

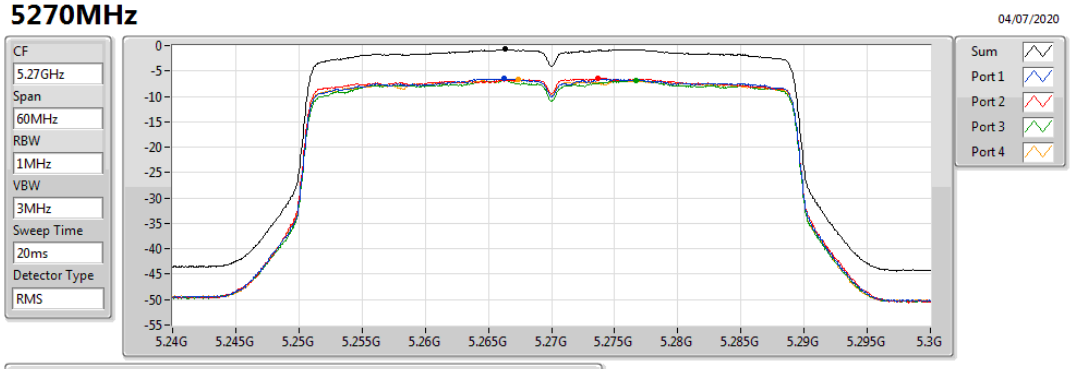
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.38	5.38	-0.30	-0.54	-0.44	-0.34

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

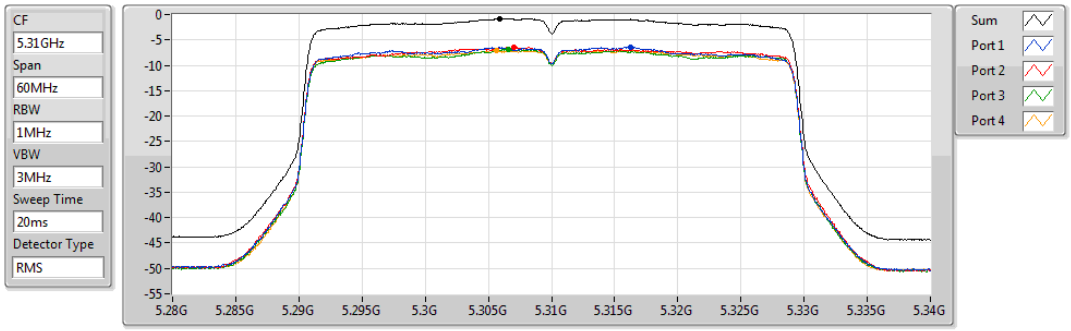
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.75	-0.75	-6.51	-6.34	-6.78	-6.76

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

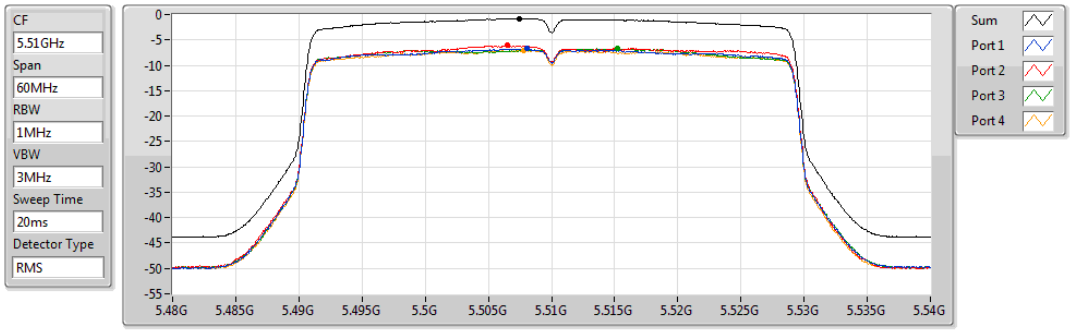
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.82	-0.82	-6.40	-6.45	-6.86	-7.06

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

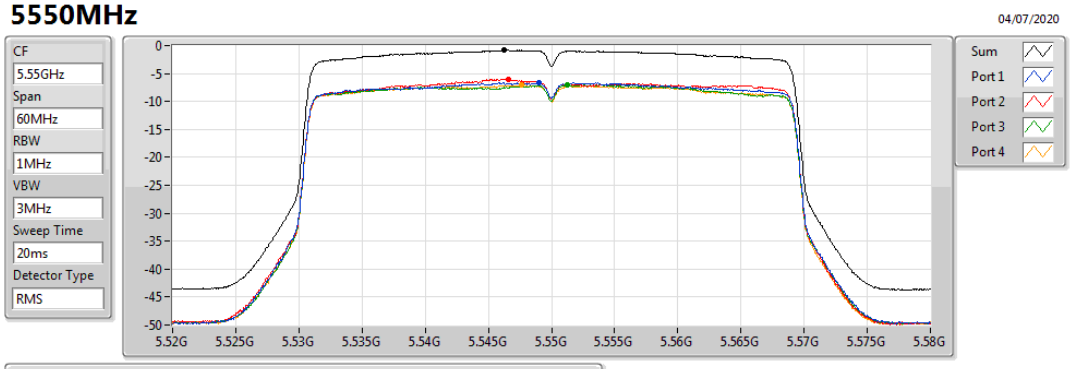
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.78	-0.78	-6.74	-6.12	-6.73	-7.05

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

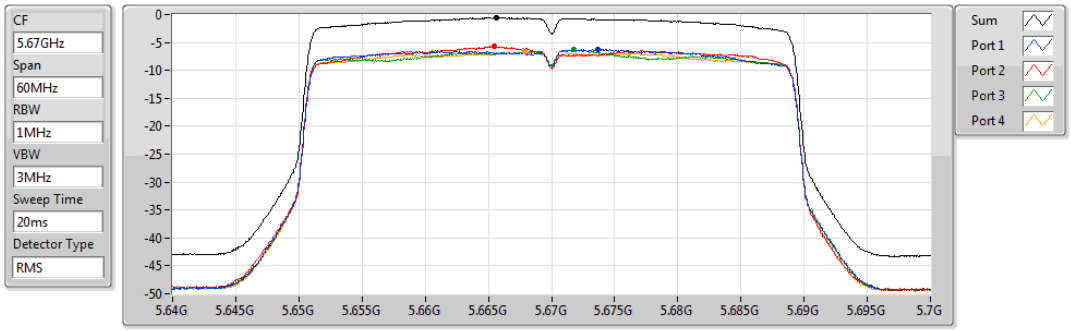
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.81	-0.81	-6.67	-5.98	-7.03	-7.06

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

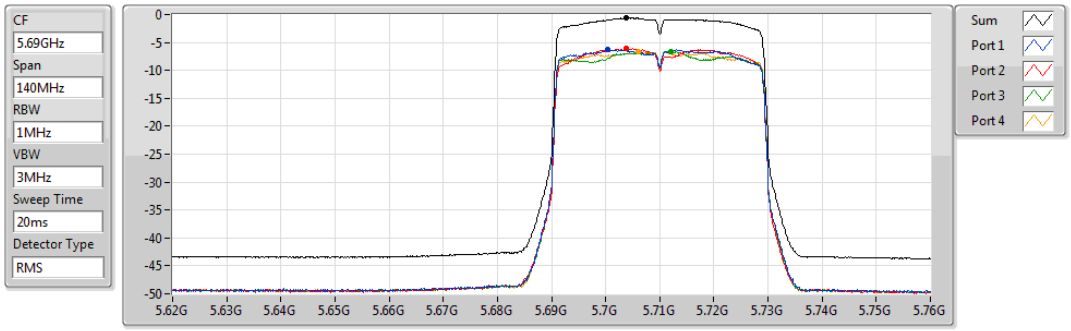
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-6.22	-5.71	-6.34	-6.69

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

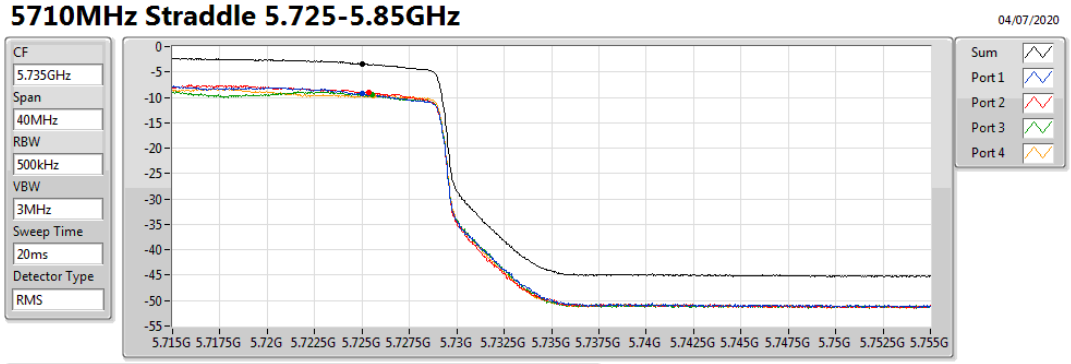
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.63	-0.63	-6.29	-6.09	-6.56	-6.67

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

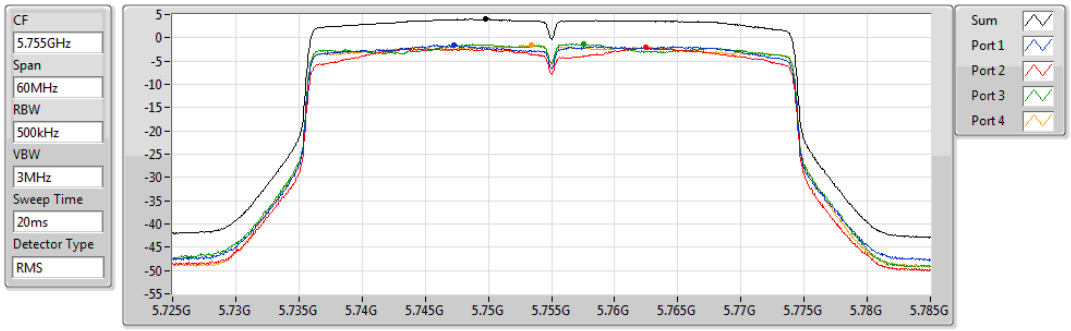
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.41	-3.41	-9.27	-8.96	-9.56	-9.68

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

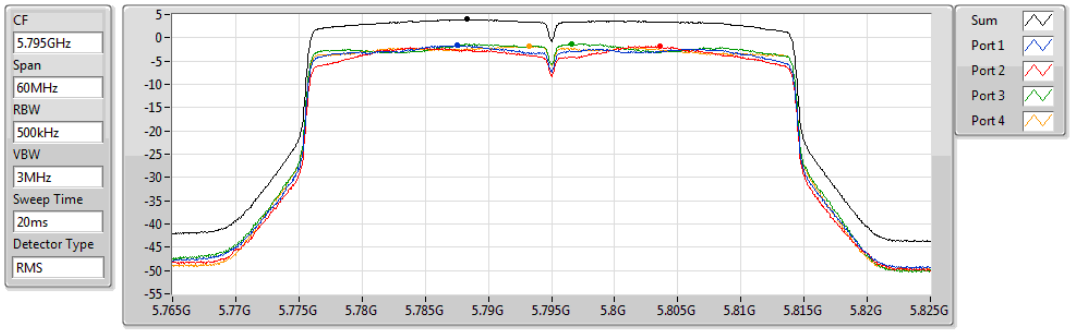
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.02	4.02	-1.55	-2.12	-1.29	-1.56

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

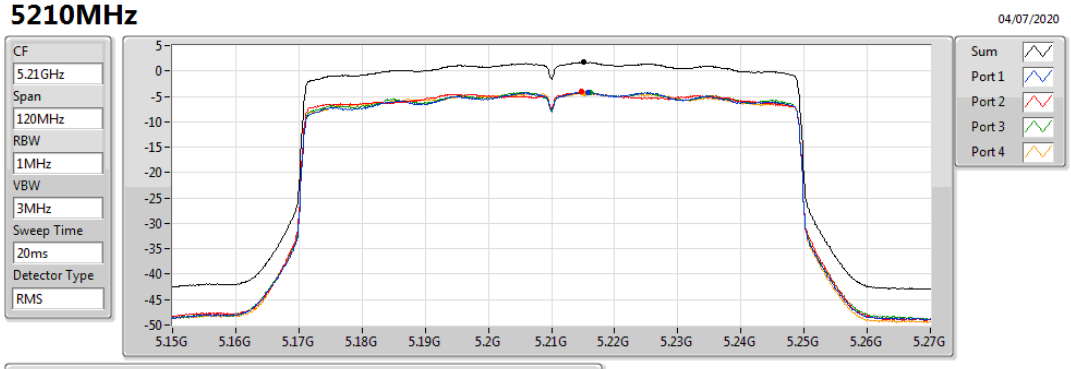
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.99	3.99	-1.67	-1.77	-1.32	-1.71

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

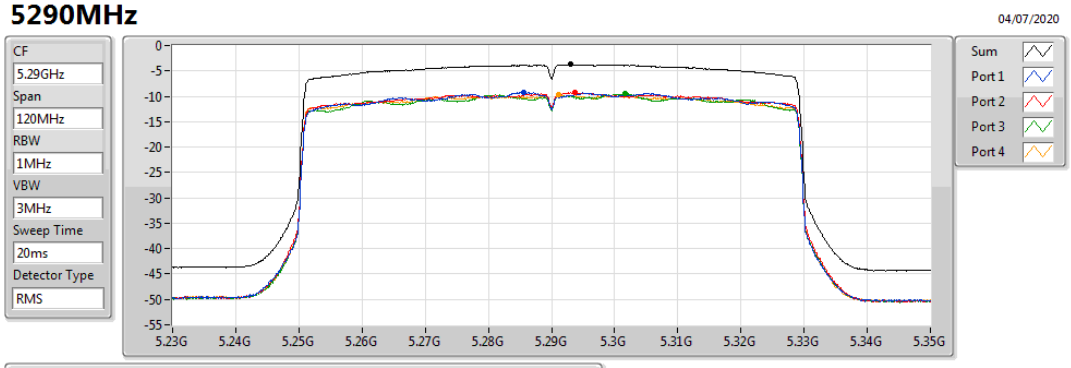
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.71	1.71	-4.17	-4.10	-4.17	-4.40

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

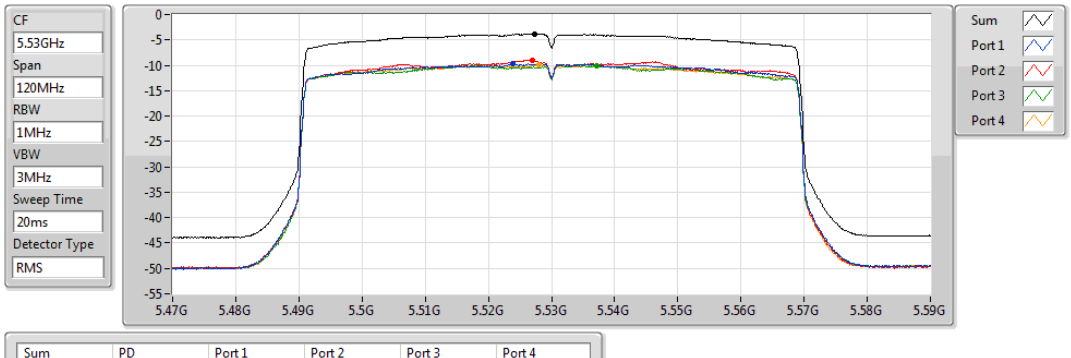
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.75	-3.75	-9.20	-9.28	-9.55	-9.67

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

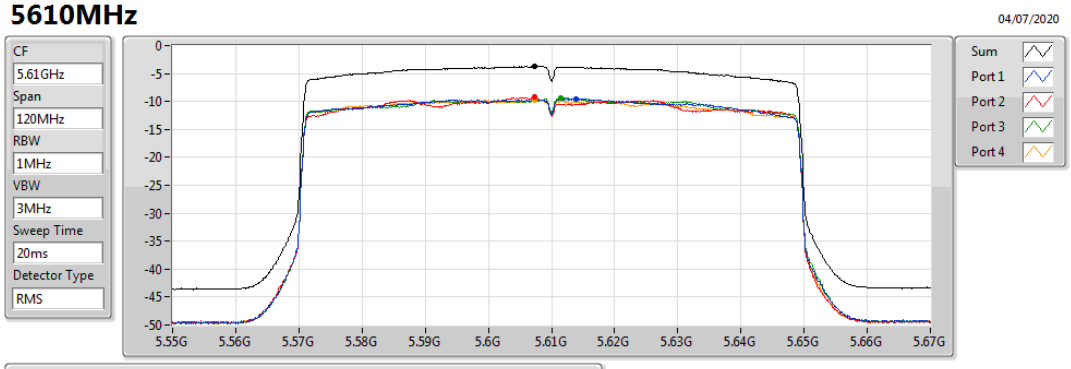
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.79	-3.79	-9.62	-8.97	-10.00	-9.88

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

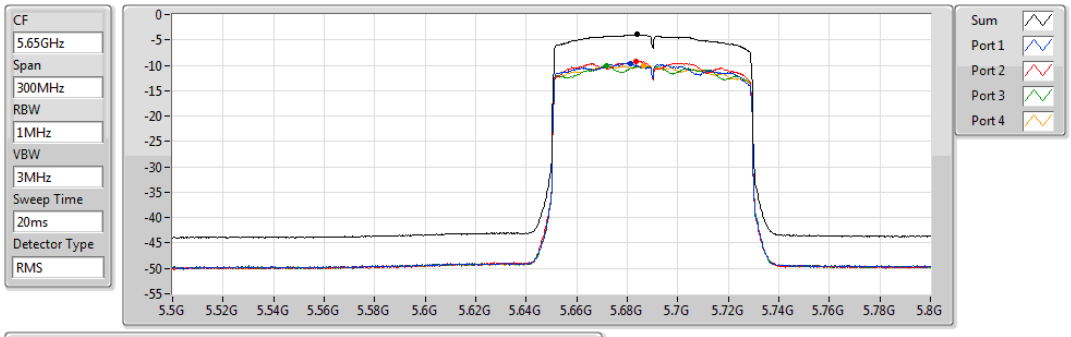
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.63	-3.63	-9.48	-9.22	-9.33	-9.68

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

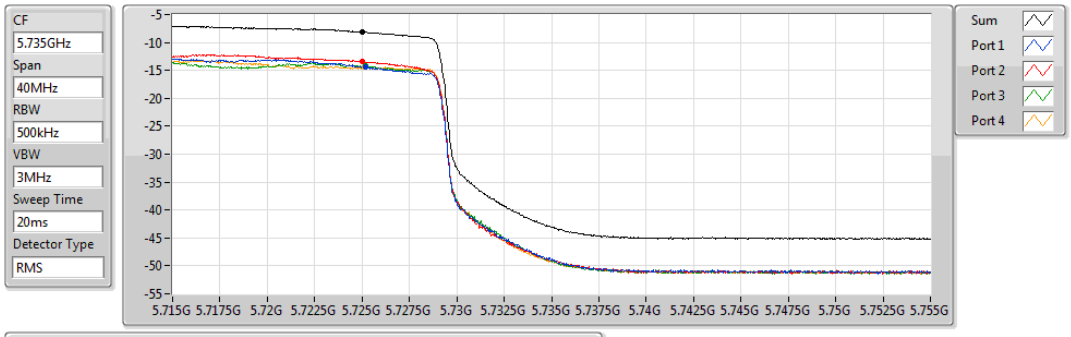
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.93	-3.93	-9.61	-9.23	-10.14	-10.03

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

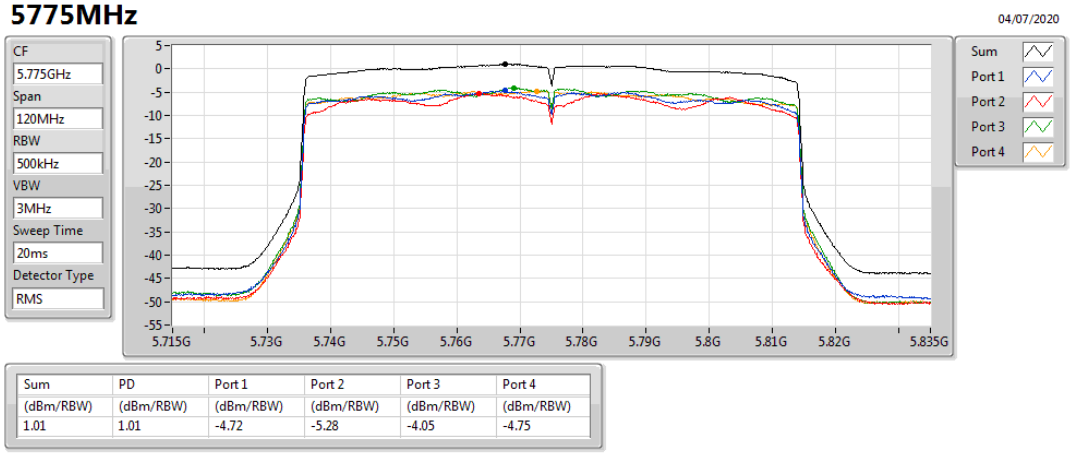
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.16	-8.16	-14.44	-13.46	-14.27	-14.44

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

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.01	1.01	-4.72	-5.28	-4.05	-4.75

<160MHz (80+80MHz)>:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-2.45
5.25-5.35GHz	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-3.44
5.47-5.725GHz	-
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-6.75

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

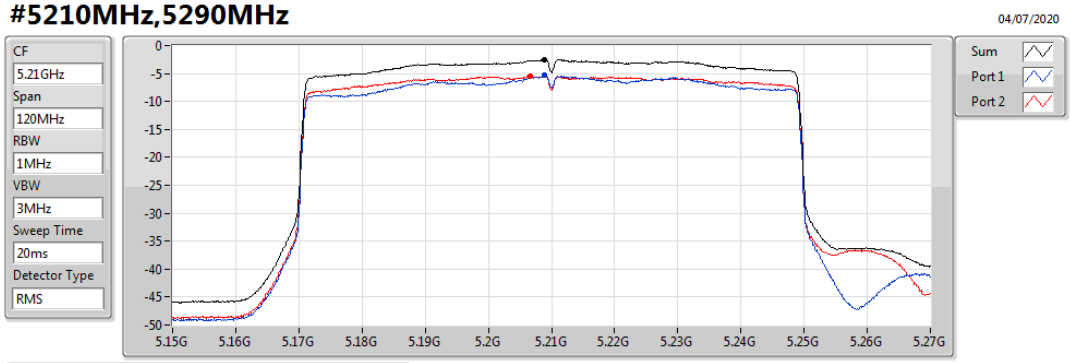
Result

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 HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	17.51	-5.37	-5.50			-2.45	5.49
5210MHz,#5290MHz	Pass	17.51			-6.20	-6.62	-3.44	-0.51
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	17.51	-10.25	-9.23	-9.50	-9.99	-6.75	-0.51

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 HEW80+80_Nss1,(MCS0)_4TX PSD

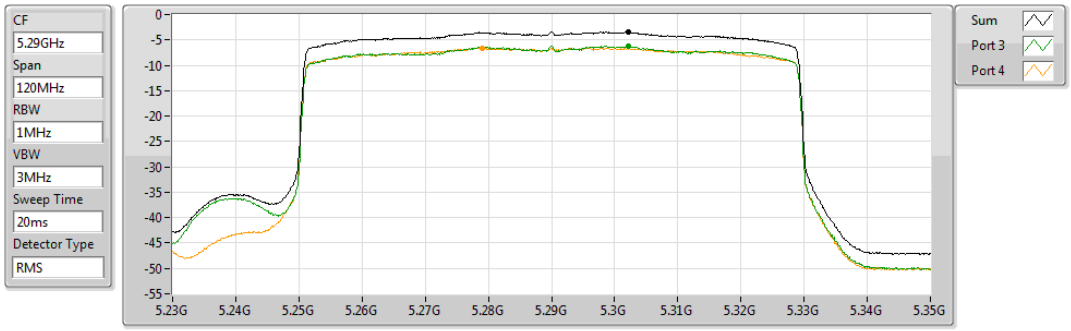
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.45	-2.45	-5.37	-5.50

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

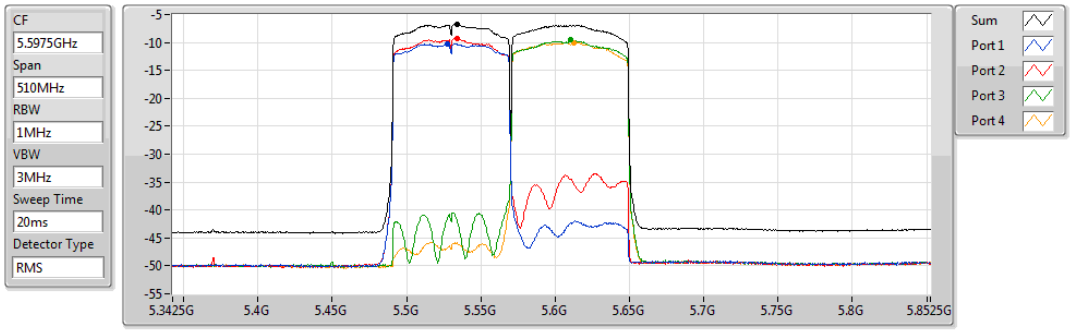
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.44	-3.44			-6.20	-6.62

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

#5530MHz,#5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.75	-6.75	-10.25	-9.23	-9.50	-9.99

For Internal antenna
<20MHz, 40MHz, 80MHz>:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.85
802.11ax HEW20_Nss1,(MCS0)_4TX	11.94
802.11ax HEW40_Nss1,(MCS0)_4TX	11.32
802.11ax HEW80_Nss1,(MCS0)_4TX	1.55
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.91
802.11ax HEW20_Nss1,(MCS0)_4TX	5.78
802.11ax HEW40_Nss1,(MCS0)_4TX	5.47
802.11ax HEW80_Nss1,(MCS0)_4TX	2.26
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.95
802.11ax HEW20_Nss1,(MCS0)_4TX	5.77
802.11ax HEW40_Nss1,(MCS0)_4TX	5.60
802.11ax HEW80_Nss1,(MCS0)_4TX	2.63
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.31
802.11ax HEW20_Nss1,(MCS0)_4TX	10.87
802.11ax HEW40_Nss1,(MCS0)_4TX	9.20
802.11ax HEW80_Nss1,(MCS0)_4TX	6.72

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

Result

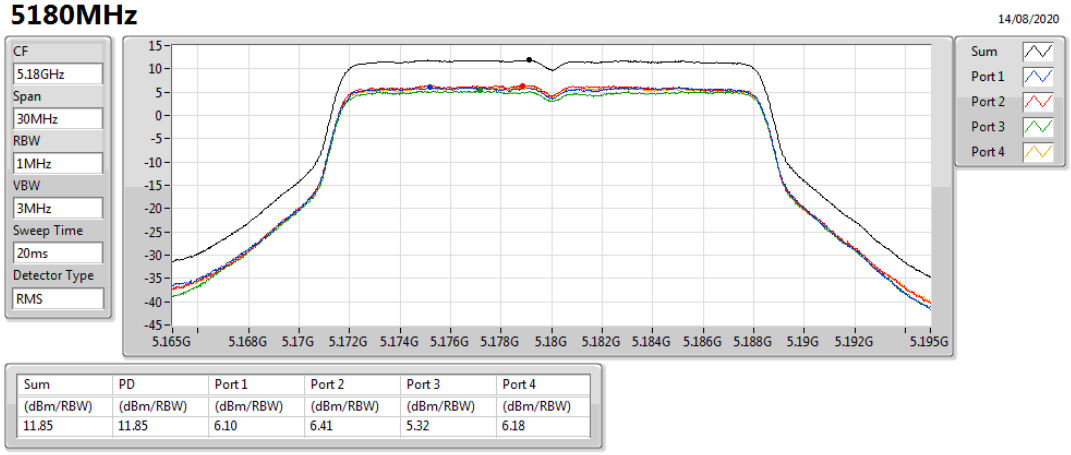
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	6.10	6.41	5.32	6.18	11.85	11.99
5200MHz	Pass	11.01	5.52	5.84	5.41	5.58	11.53	11.99
5240MHz	Pass	11.01	5.74	5.63	5.38	5.77	11.54	11.99
5260MHz	Pass	11.01	-0.21	-0.38	-0.58	-0.06	5.54	5.99
5300MHz	Pass	11.01	-0.03	0.13	-0.42	-0.58	5.63	5.99
5320MHz	Pass	11.01	0.08	0.16	-0.22	-0.00	5.91	5.99
5500MHz	Pass	11.01	-0.10	0.15	-0.27	-0.11	5.73	5.99
5580MHz	Pass	11.01	-0.23	0.37	-0.21	-0.55	5.75	5.99
5700MHz	Pass	11.01	0.70	0.22	-0.61	-0.70	5.66	5.99
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	0.68	0.06	0.39	-0.60	5.95	5.99
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	-1.34	-2.53	-2.14	-2.21	3.91	24.99
5745MHz	Pass	11.01	6.55	6.41	6.55	6.19	12.09	24.99
5785MHz	Pass	11.01	6.98	6.25	6.07	6.61	12.31	24.99
5825MHz	Pass	11.01	6.99	6.30	5.43	6.06	12.05	24.99
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	5.97	6.09	5.55	5.71	11.62	11.99
5200MHz	Pass	11.01	6.04	6.24	5.89	6.00	11.94	11.99
5240MHz	Pass	11.01	5.89	6.12	5.66	6.22	11.89	11.99
5260MHz	Pass	11.01	0.22	-0.33	-0.35	0.21	5.78	5.99
5300MHz	Pass	11.01	-0.14	0.07	-0.43	-0.29	5.71	5.99
5320MHz	Pass	11.01	-0.18	0.06	-0.67	-0.41	5.59	5.99
5500MHz	Pass	11.01	-0.33	0.11	-0.70	-0.12	5.62	5.99
5580MHz	Pass	11.01	-0.08	0.14	-0.32	-0.15	5.74	5.99
5700MHz	Pass	11.01	0.51	0.02	-0.71	-0.67	5.54	5.99
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	0.75	-0.03	-0.56	-0.47	5.77	5.99
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	-1.62	-2.14	-1.90	-2.35	3.89	24.99
5745MHz	Pass	11.01	4.42	4.71	3.82	4.39	9.97	24.99
5785MHz	Pass	11.01	4.47	3.93	3.91	4.00	9.67	24.99
5825MHz	Pass	11.01	6.03	5.40	4.65	4.29	10.87	24.99
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-2.41	-2.15	-3.05	-2.40	3.24	11.99
5230MHz	Pass	11.01	5.46	5.86	5.22	5.66	11.32	11.99
5270MHz	Pass	11.01	-0.58	-0.27	-0.55	-0.09	5.47	5.99
5310MHz	Pass	11.01	-0.39	-0.06	-0.84	-0.38	5.45	5.99
5510MHz	Pass	11.01	-1.19	-0.57	-1.18	-1.29	4.80	5.99
5550MHz	Pass	11.01	-1.02	-0.62	-1.63	-1.39	4.79	5.99
5670MHz	Pass	11.01	-0.89	-0.55	-0.63	-1.22	4.88	5.99
5710MHz Straddle 5.47-5.725GHz	Pass	11.01	0.36	0.15	-0.18	-0.90	5.60	5.99
5710MHz Straddle 5.725-5.85GHz	Pass	11.01	-2.54	-3.20	-2.88	-3.64	2.89	24.99
5755MHz	Pass	11.01	3.74	3.33	3.45	3.67	9.20	24.99
5795MHz	Pass	11.01	3.67	2.79	3.20	3.20	8.81	24.99
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-4.52	-4.10	-4.61	-4.40	1.55	11.99

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)
5290MHz	Pass	11.01	-3.18	-3.19	-3.83	-3.58	2.26	5.99
5530MHz	Pass	11.01	-3.49	-2.85	-3.93	-3.45	2.44	5.99
5610MHz	Pass	11.01	-3.86	-4.01	-3.70	-4.22	1.79	5.99
5690MHz Straddle 5.47-5.725GHz	Pass	11.01	-2.55	-2.62	-3.08	-4.09	2.63	5.99
5690MHz Straddle 5.725-5.85GHz	Pass	11.01	-6.49	-6.88	-6.86	-7.87	-1.02	24.99
5775MHz	Pass	11.01	1.47	0.84	1.00	1.26	6.72	24.99

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

802.11a_Nss1,(6Mbps)_4TX PSD

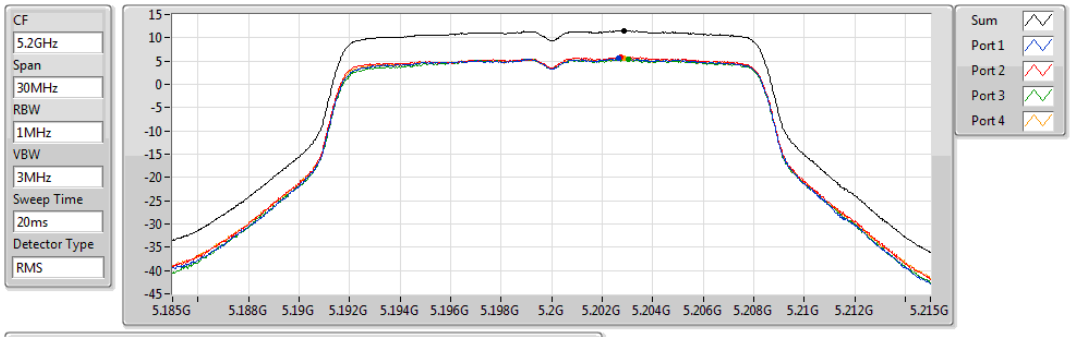
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.85	11.85	6.10	6.41	5.32	6.18

802.11a_Nss1,(6Mbps)_4TX PSD

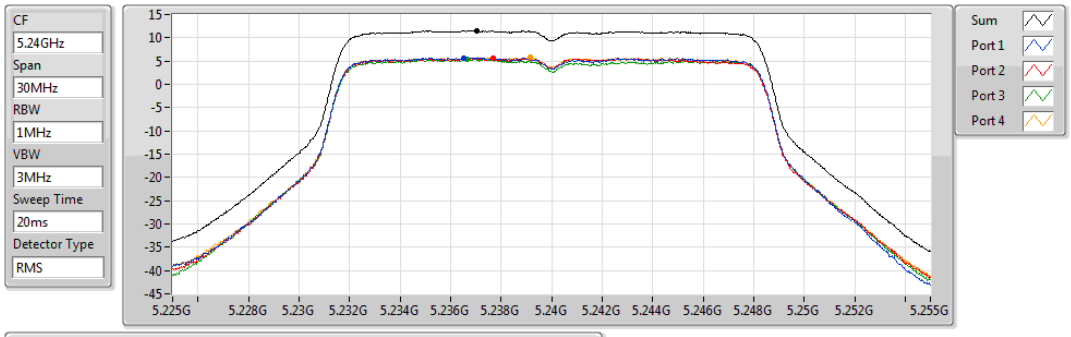
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.53	11.53	5.52	5.84	5.41	5.58

802.11a_Nss1,(6Mbps)_4TX PSD

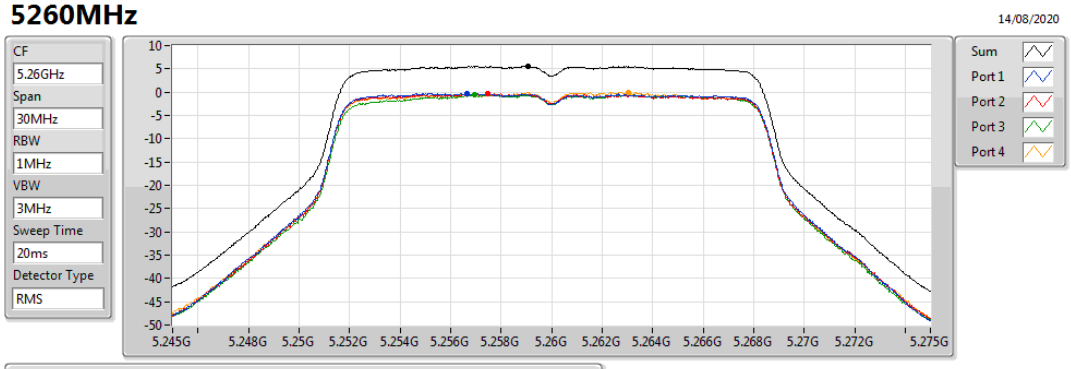
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.54	11.54	5.74	5.63	5.38	5.77

802.11a_Nss1,(6Mbps)_4TX PSD

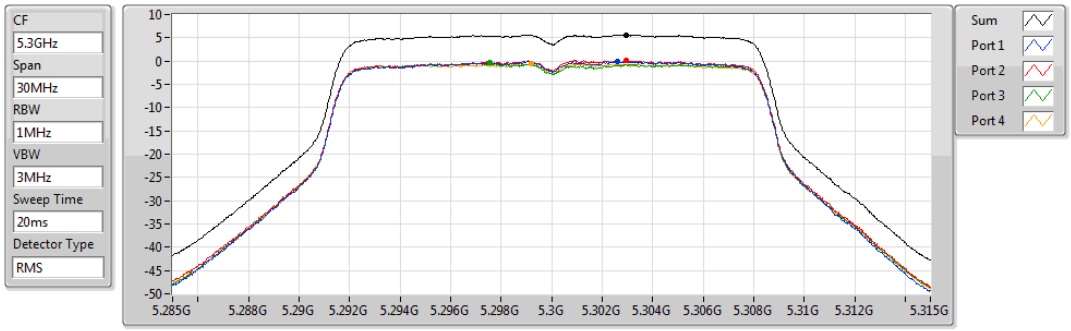
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	-0.21	-0.38	-0.58	-0.06

802.11a_Nss1,(6Mbps)_4TX PSD

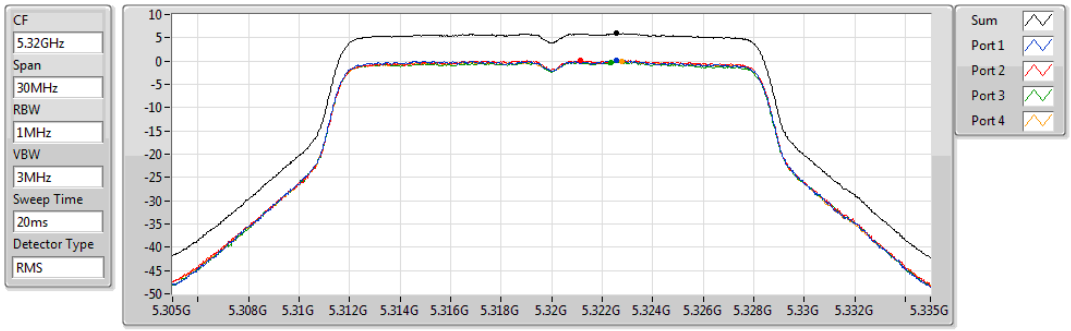
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	-0.03	0.13	-0.42	-0.58

802.11a_Nss1,(6Mbps)_4TX PSD

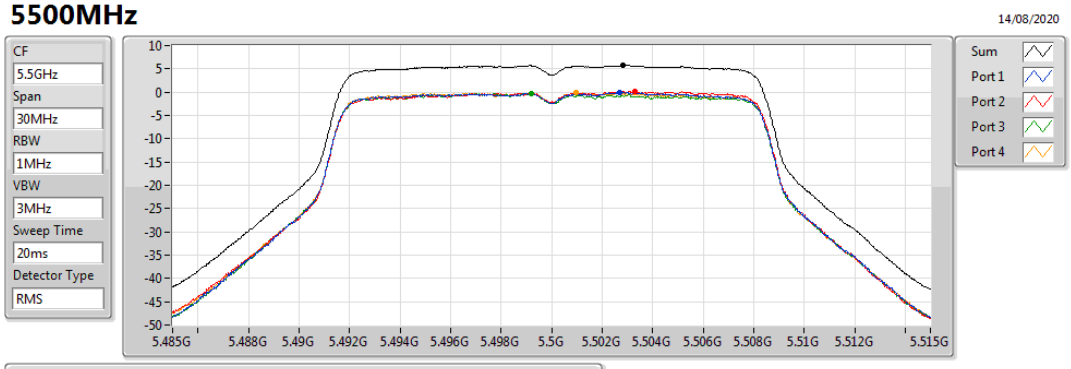
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.91	5.91	0.08	0.16	-0.22	-0.00

802.11a_Nss1,(6Mbps)_4TX PSD

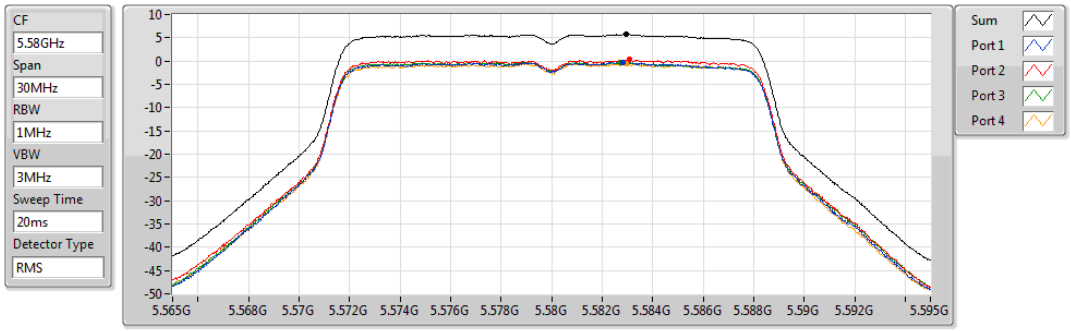
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.73	5.73	-0.10	0.15	-0.27	-0.11

802.11a_Nss1,(6Mbps)_4TX PSD

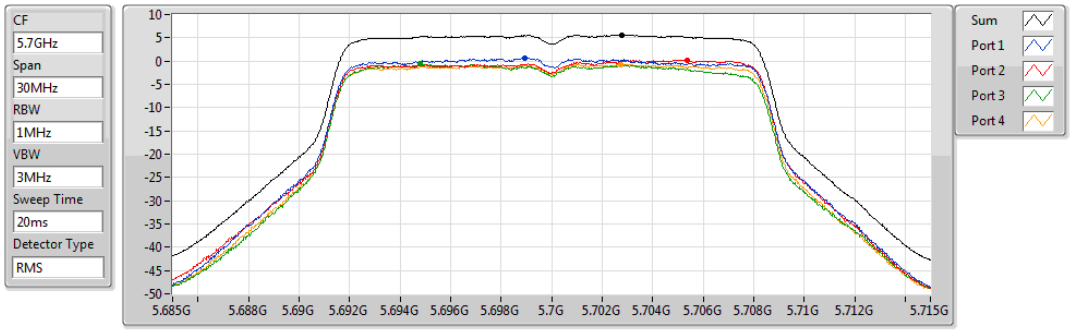
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	-0.23	0.37	-0.21	-0.55

802.11a_Nss1,(6Mbps)_4TX PSD

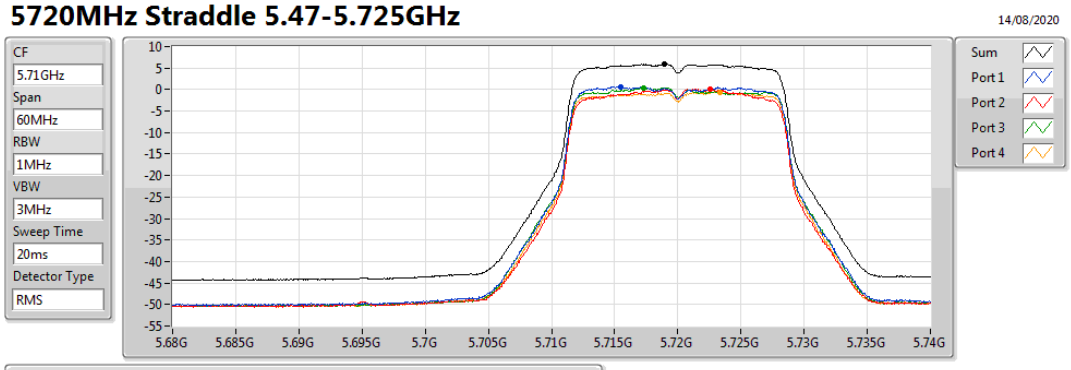
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	0.70	0.22	-0.61	-0.70

802.11a_Nss1,(6Mbps)_4TX PSD

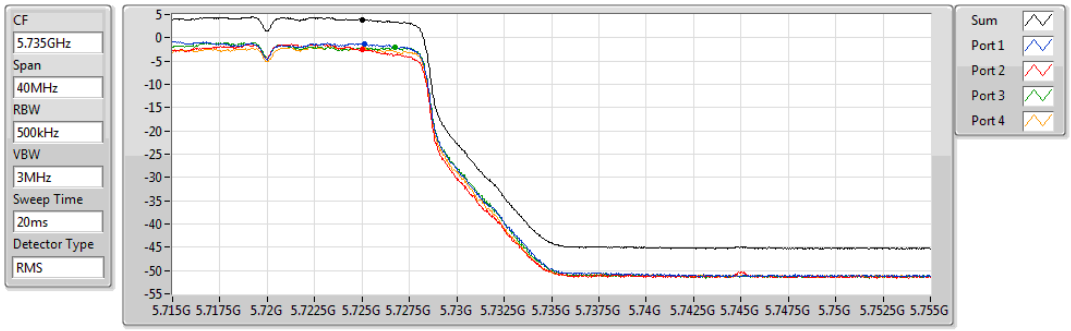
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.95	5.95	0.68	0.06	0.39	-0.60

802.11a_Nss1,(6Mbps)_4TX PSD

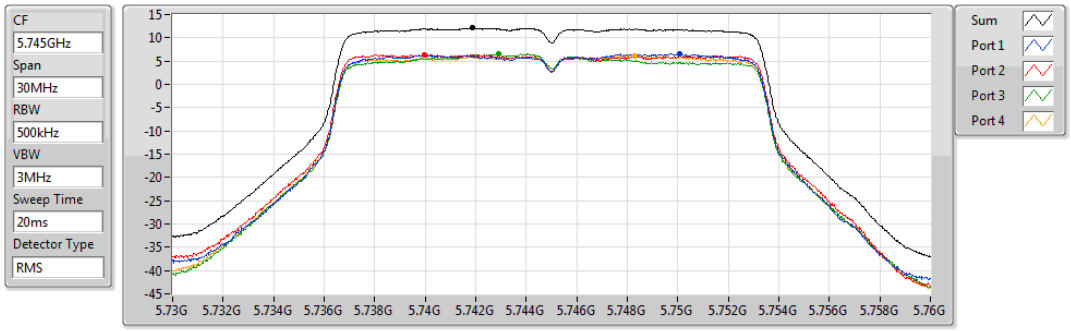
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	-1.34	-2.53	-2.14	-2.21

802.11a_Nss1,(6Mbps)_4TX PSD

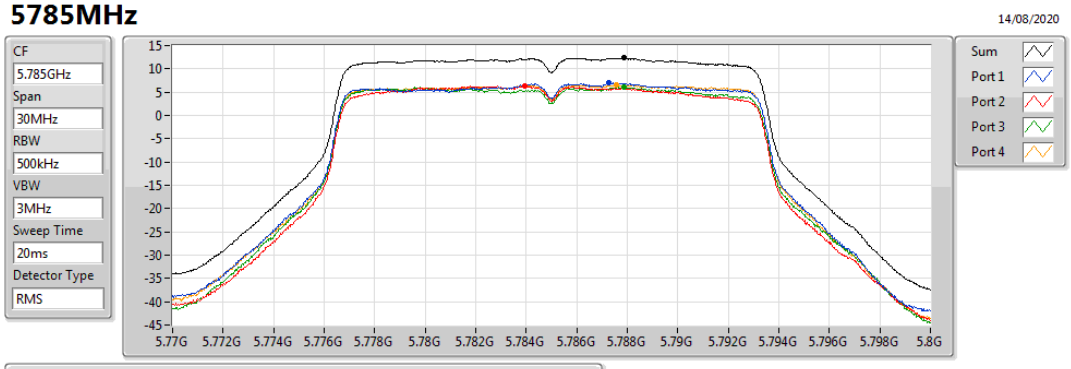
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.09	12.09	6.55	6.41	6.55	6.19

802.11a_Nss1,(6Mbps)_4TX PSD

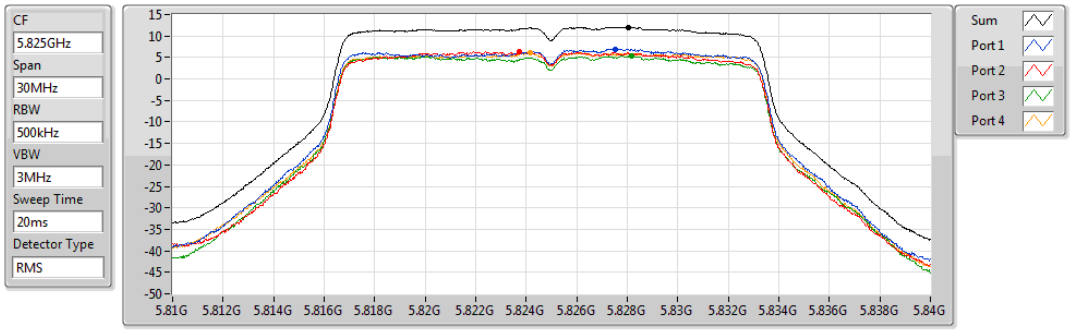
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	6.98	6.25	6.07	6.61

802.11a_Nss1,(6Mbps)_4TX PSD

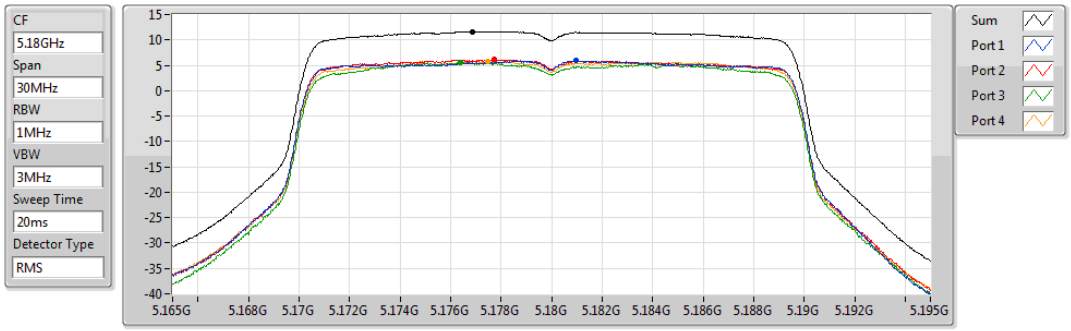
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.05	12.05	6.99	6.30	5.43	6.06

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

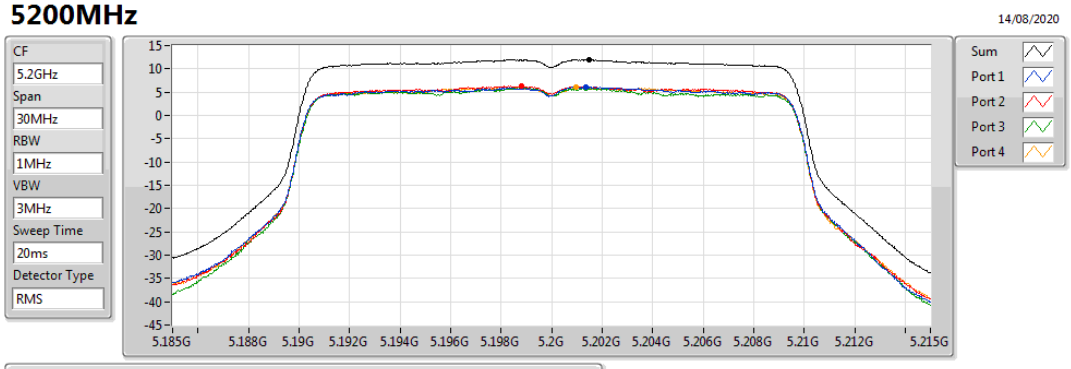
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.62	11.62	5.97	6.09	5.55	5.71

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

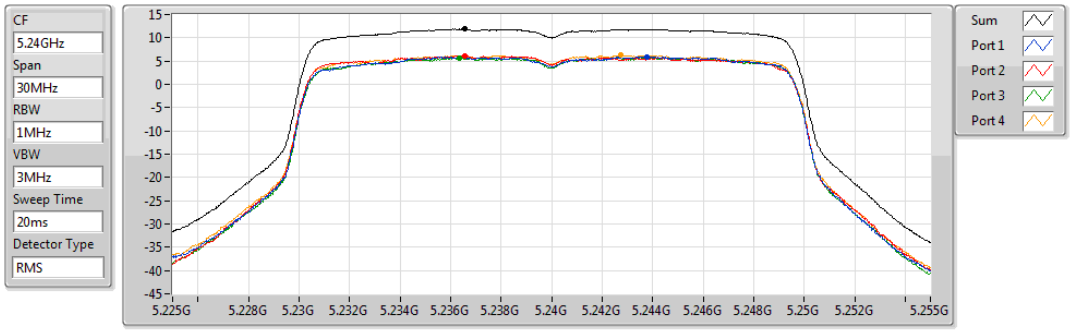
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.94	11.94	6.04	6.24	5.89	6.00

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

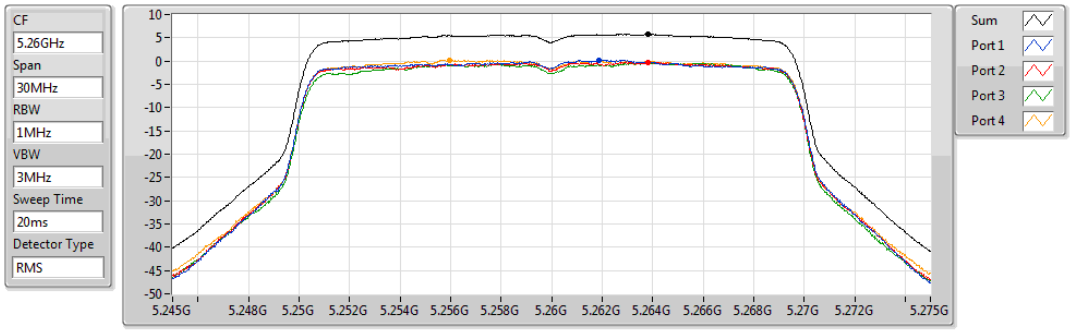
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.89	11.89	5.89	6.12	5.66	6.22

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

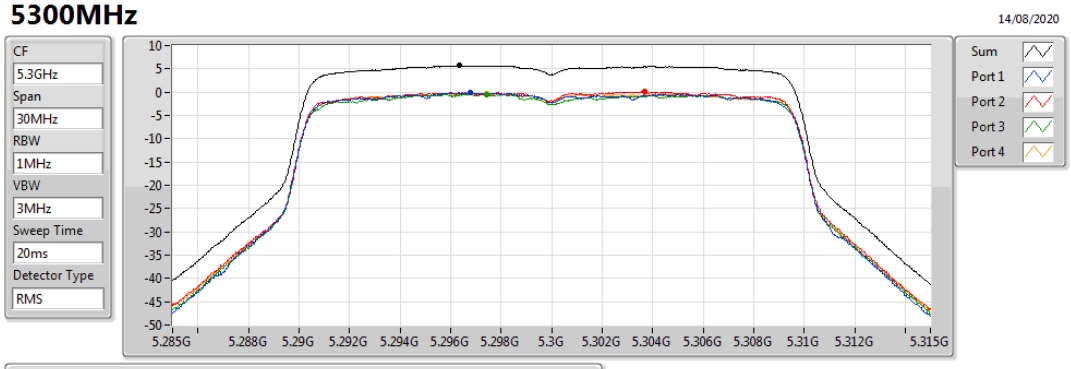
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.78	5.78	0.22	-0.33	-0.35	0.21

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

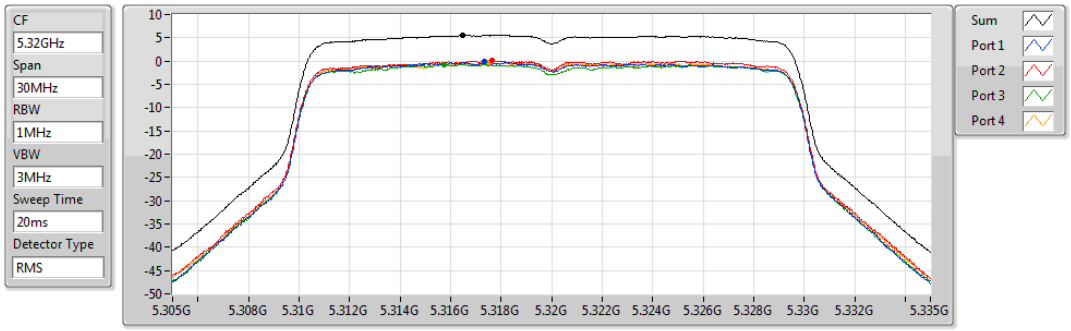
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	-0.14	0.07	-0.43	-0.29

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

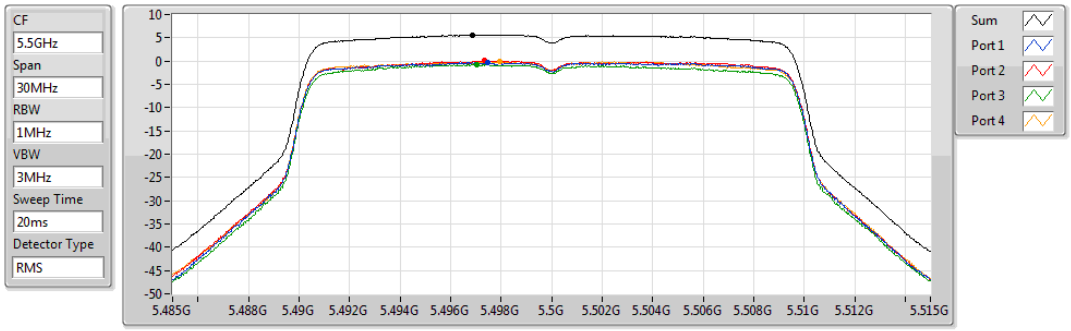
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.59	5.59	-0.18	0.06	-0.67	-0.41

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

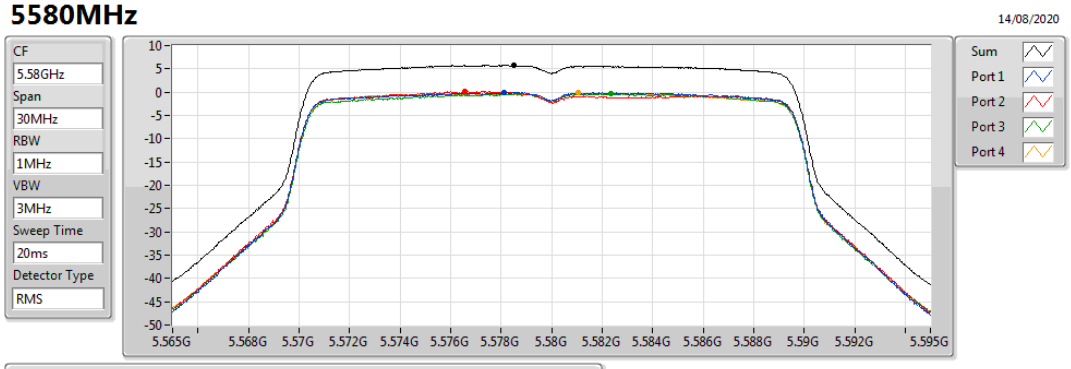
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	-0.33	0.11	-0.70	-0.12

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

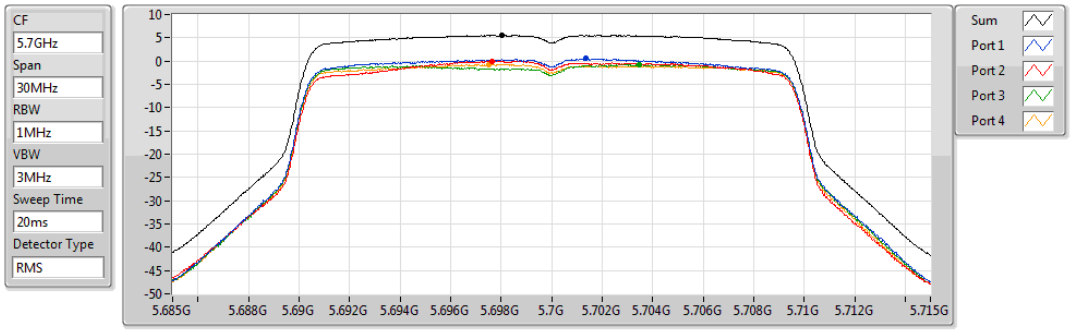
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	-0.08	0.14	-0.32	-0.15

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

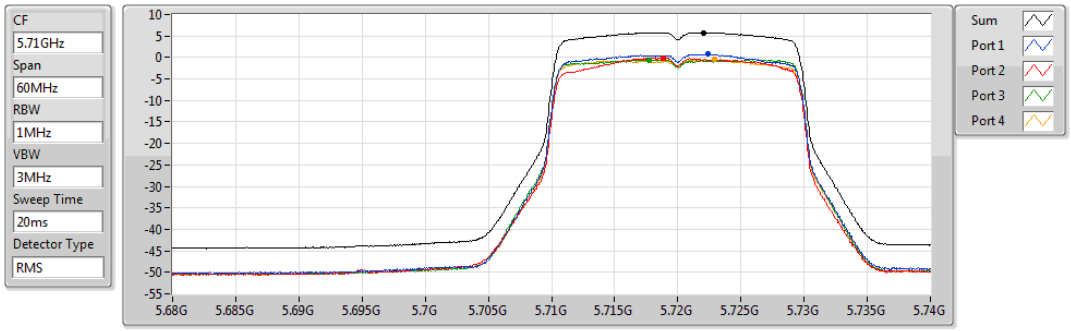
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	0.51	0.02	-0.71	-0.67

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

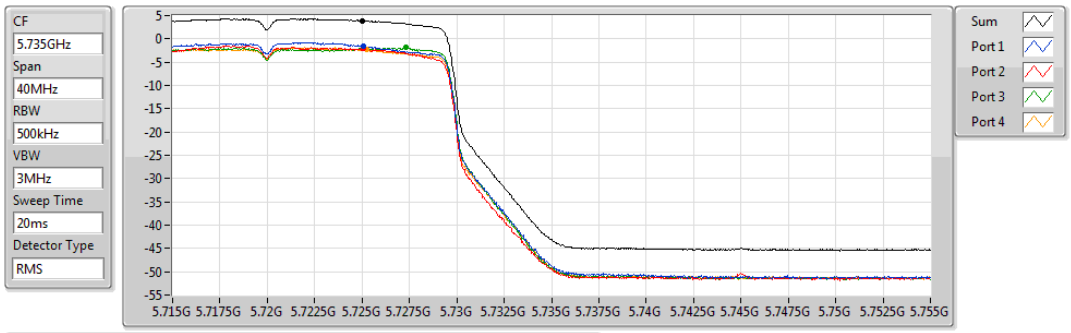


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.77	5.77	0.75	-0.03	-0.56	-0.47

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

14/08/2020

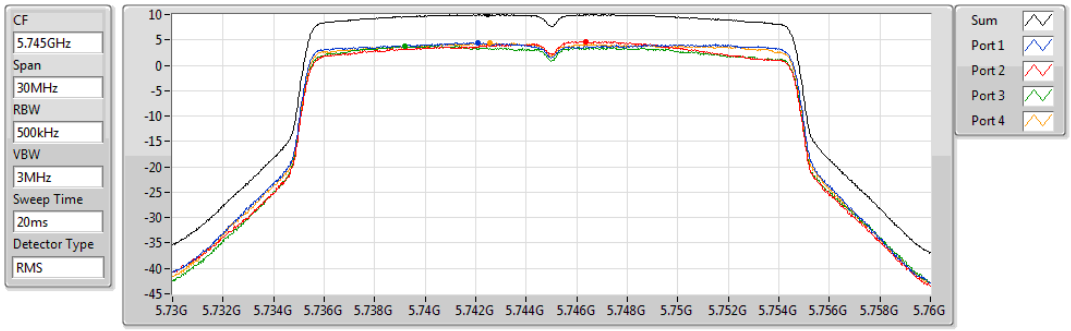


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.89	3.89	-1.62	-2.14	-1.90	-2.35

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5745MHz

14/08/2020

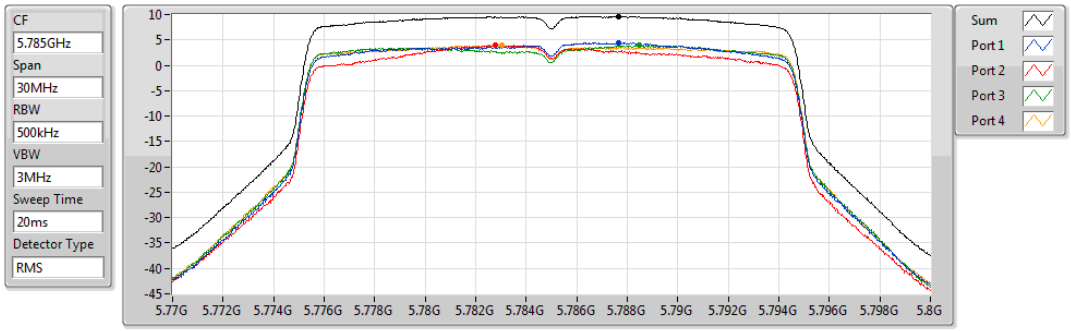


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	4.42	4.71	3.82	4.39

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5785MHz

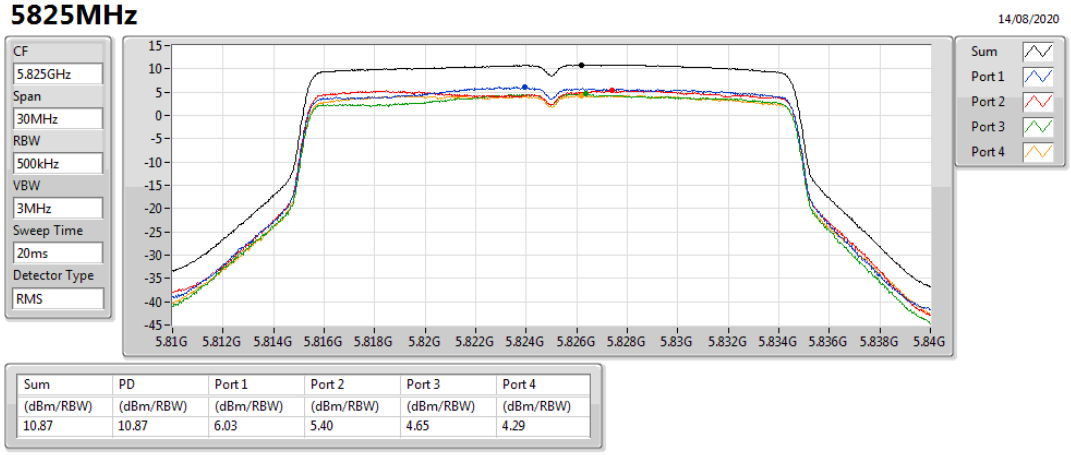
14/08/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.67	9.67	4.47	3.93	3.91	4.00

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

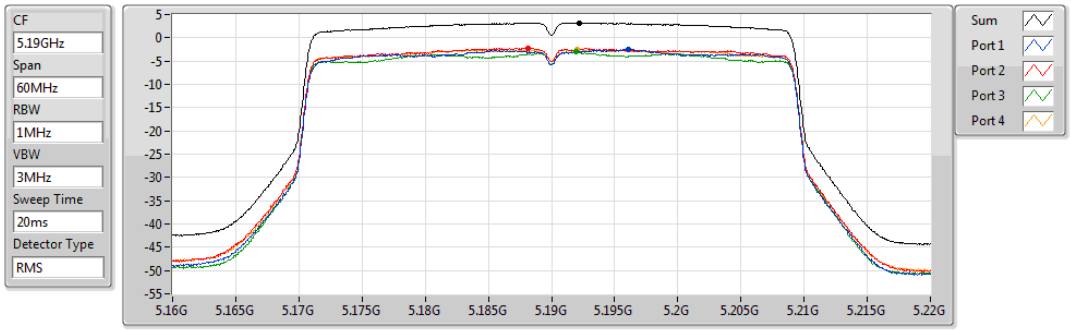
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	6.03	5.40	4.65	4.29

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

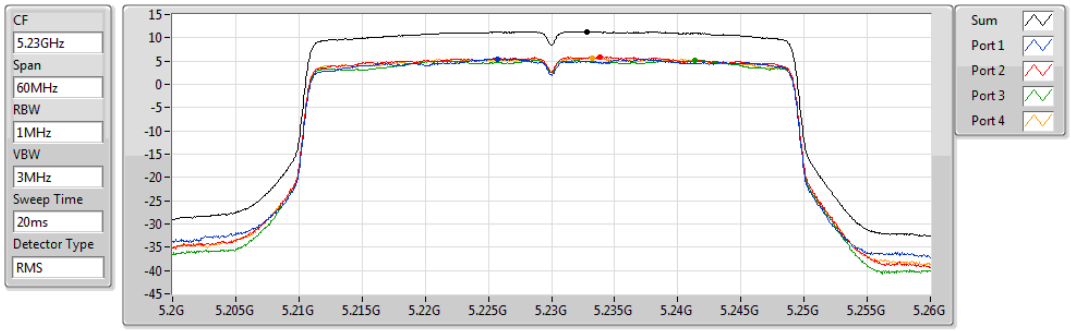
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.24	3.24	-2.41	-2.15	-3.05	-2.40

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

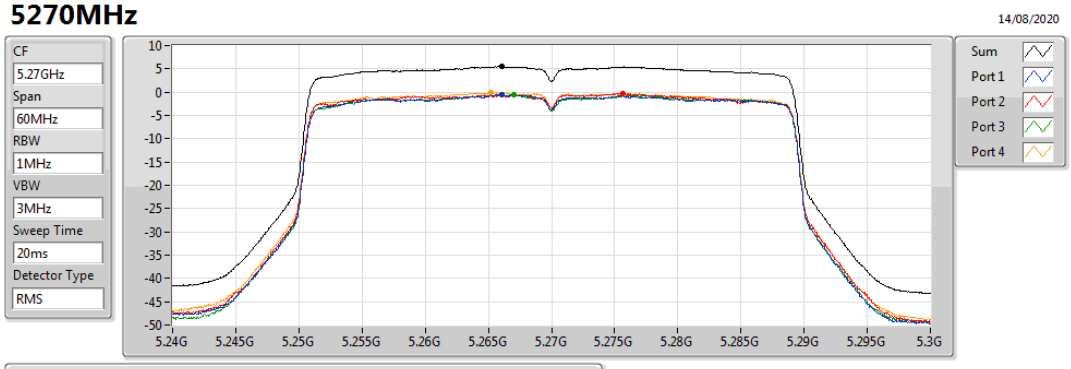
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.32	11.32	5.46	5.86	5.22	5.66

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

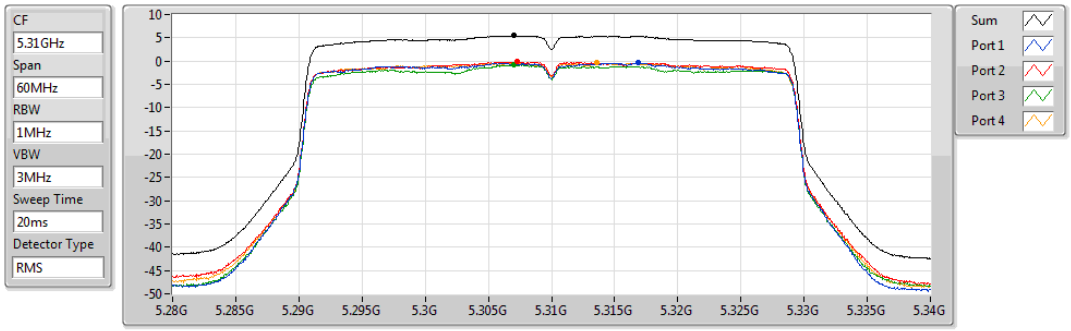
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	-0.58	-0.27	-0.55	-0.09

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

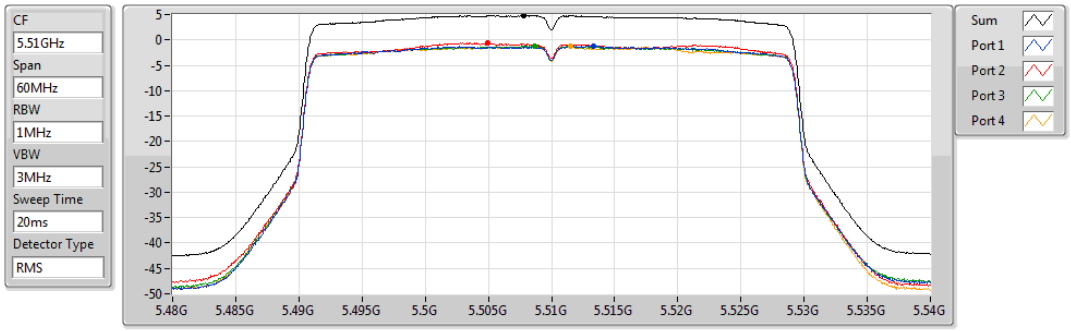
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	-0.39	-0.06	-0.84	-0.38

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

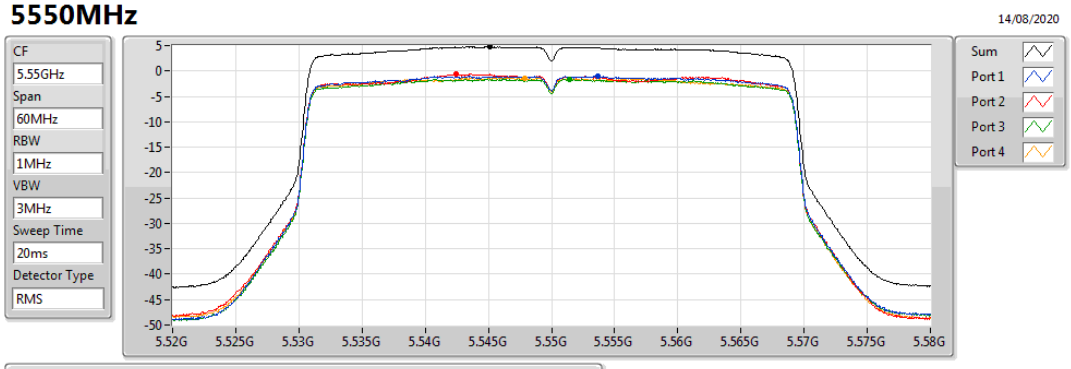
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.80	4.80	-1.19	-0.57	-1.18	-1.29

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

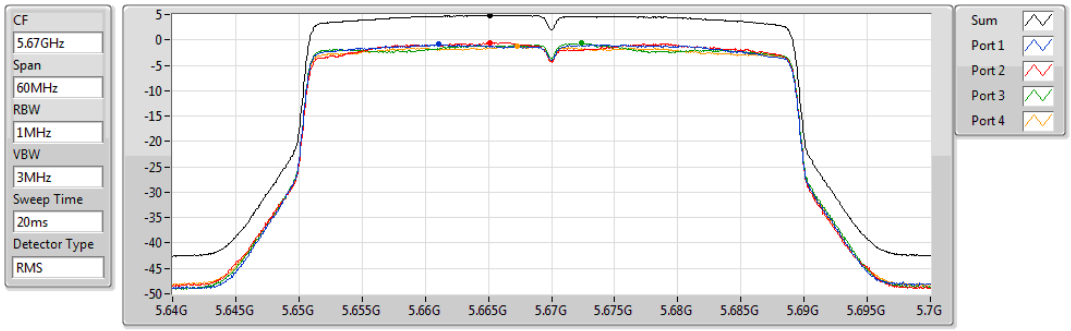
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	-1.02	-0.62	-1.63	-1.39

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

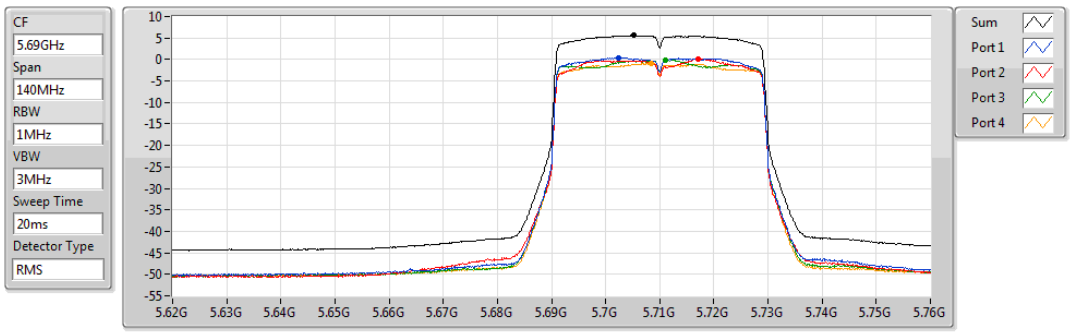
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	-0.89	-0.55	-0.63	-1.22

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

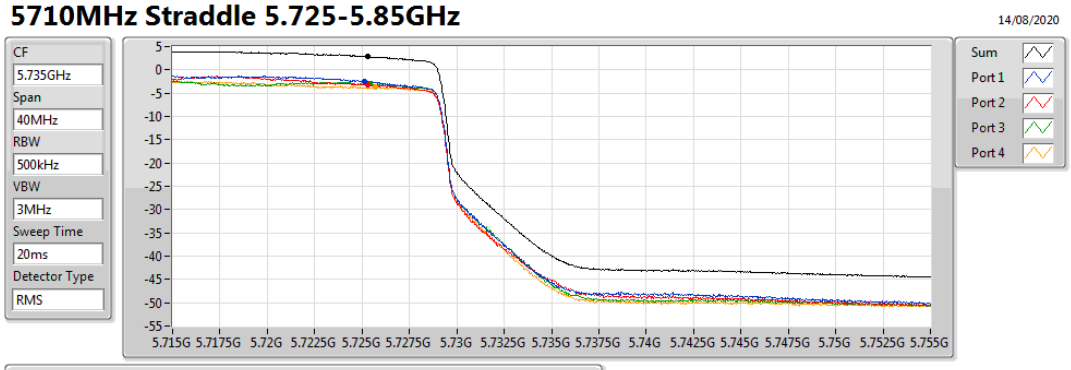
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.60	5.60	0.36	0.15	-0.18	-0.90

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

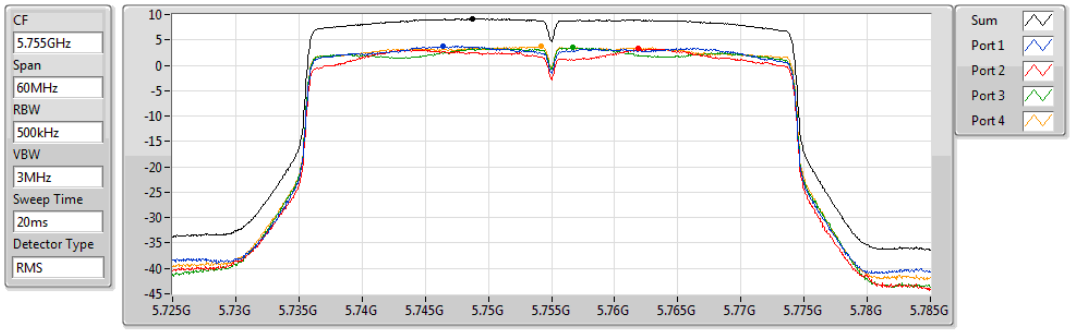
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.89	2.89	-2.54	-3.20	-2.88	-3.64

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

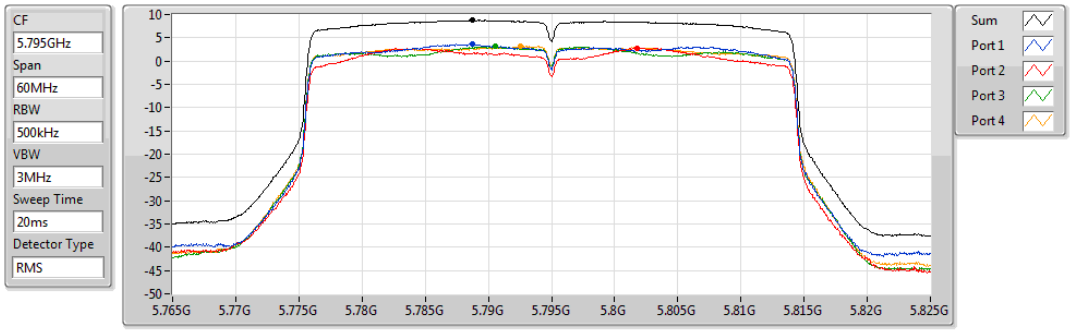
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.20	9.20	3.74	3.33	3.45	3.67

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

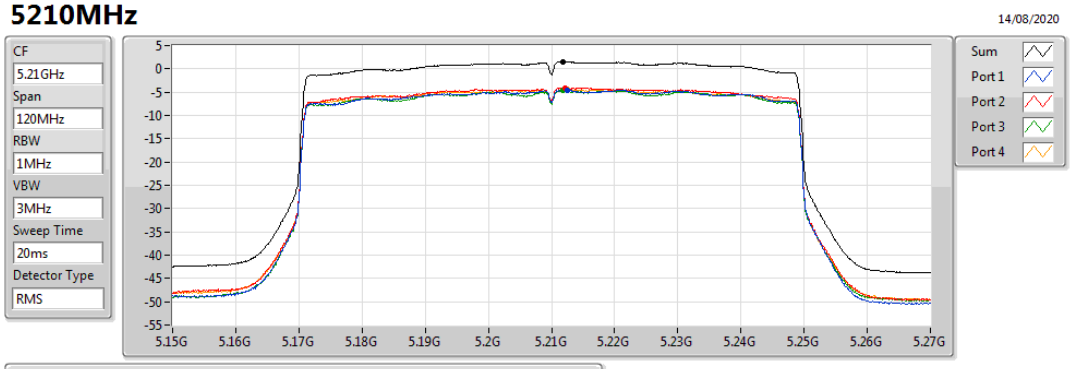
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	3.67	2.79	3.20	3.20

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

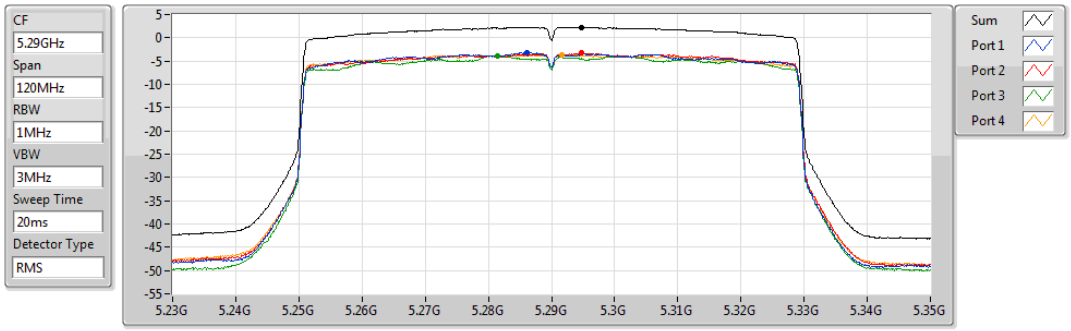
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.55	1.55	-4.52	-4.10	-4.61	-4.40

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

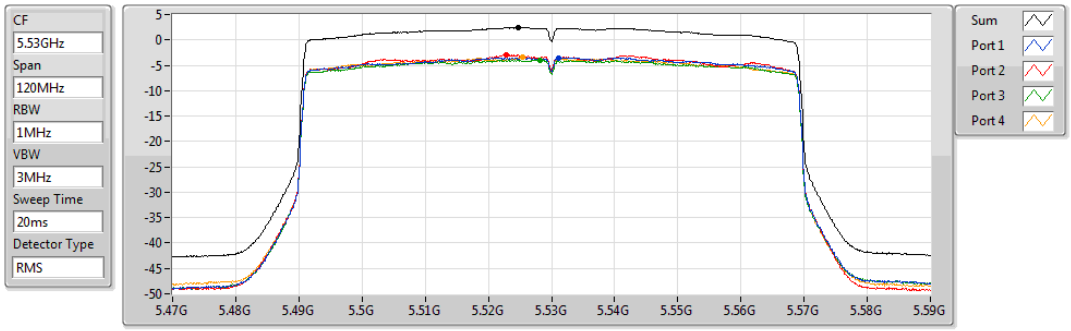
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.26	2.26	-3.18	-3.19	-3.83	-3.58

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

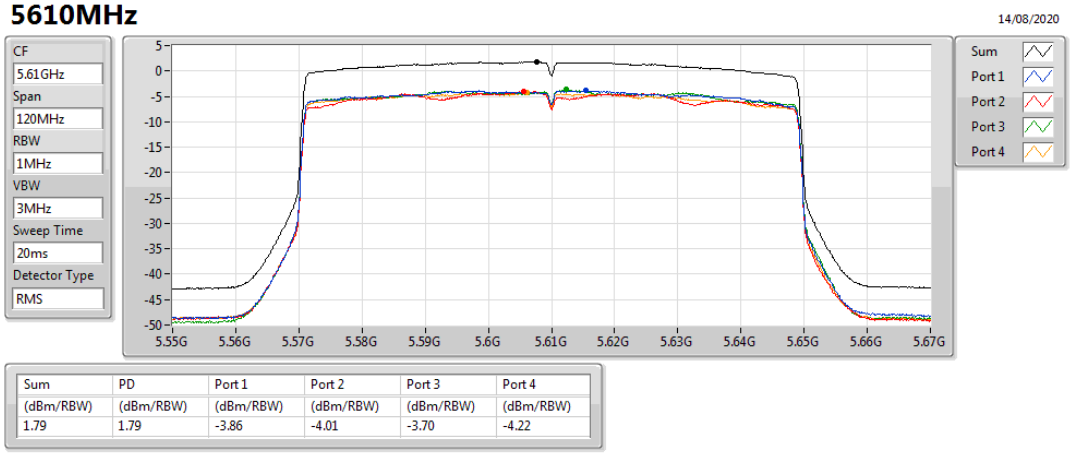
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.44	2.44	-3.49	-2.85	-3.93	-3.45

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

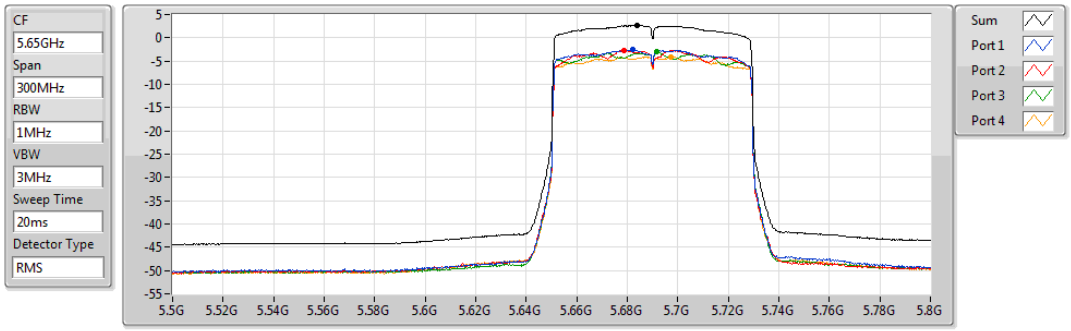
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.79	1.79	-3.86	-4.01	-3.70	-4.22

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

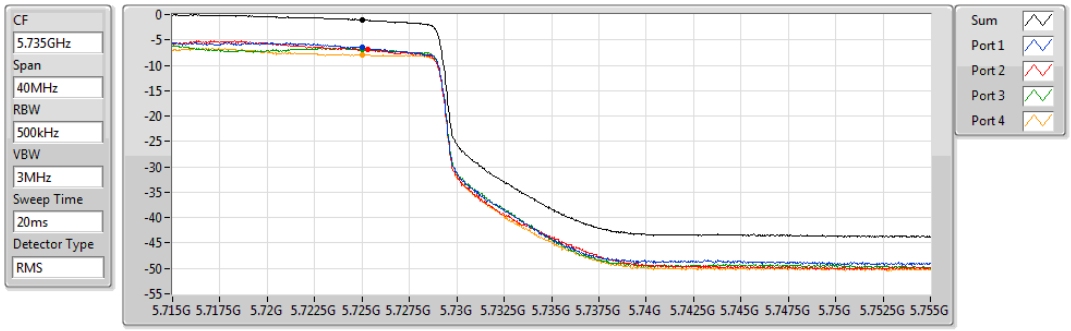
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.63	2.63	-2.55	-2.62	-3.08	-4.09

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

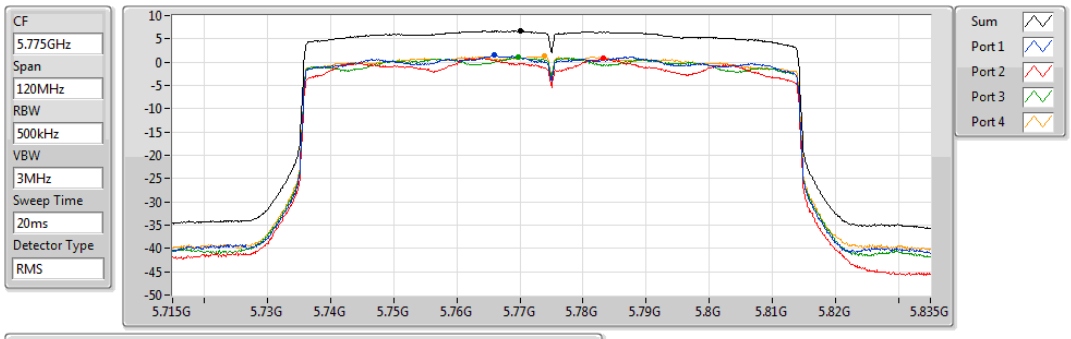


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-6.49	-6.88	-6.86	-7.87

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

5775MHz

14/08/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	1.47	0.84	1.00	1.26

<160MHz (80+80MHz)>:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-0.94
5.25-5.35GHz	-
802.11ax HEW80+80_Nss1,(MCS0)_4TX	-2.44
5.47-5.725GHz	-
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-0.31

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

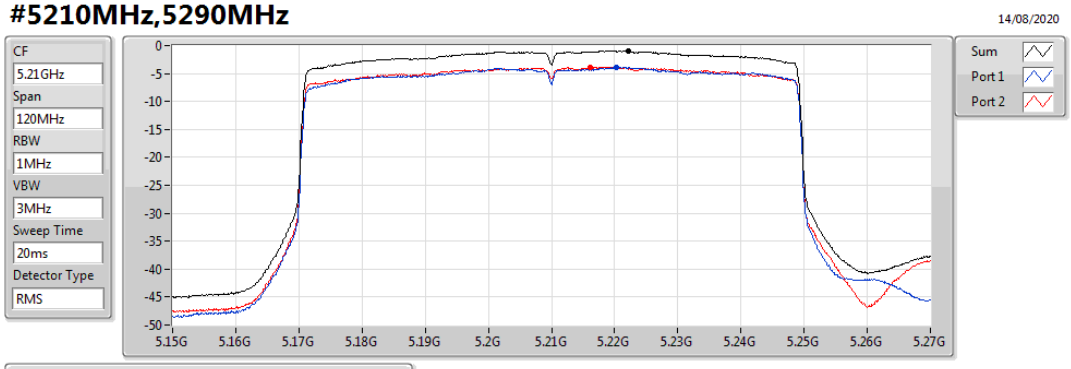
Result

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 HEW80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5290MHz	Pass	11.01	-3.92	-3.87			-0.94	11.99
5210MHz,#5290MHz	Pass	11.01			-5.57	-5.23	-2.44	5.99
802.11ax HEW80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	11.01	-3.61	-3.04	-5.28	-5.07	-0.31	5.99

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 HEW80+80_Nss1,(MCS0)_4TX PSD

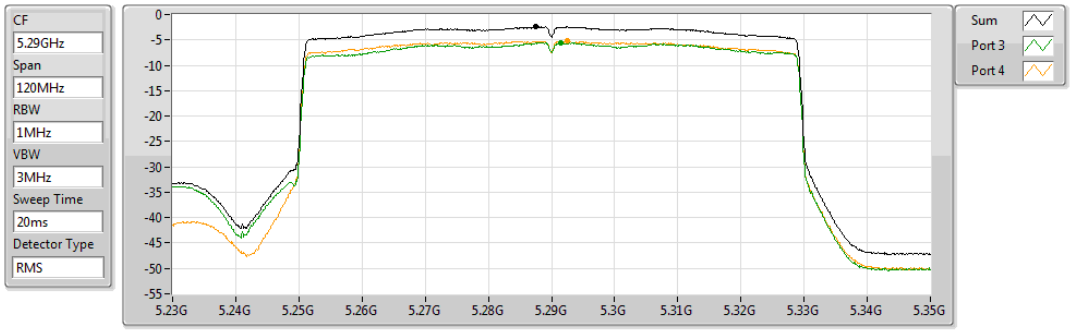
#5210MHz,5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.94	-0.94	-3.92	-3.87

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

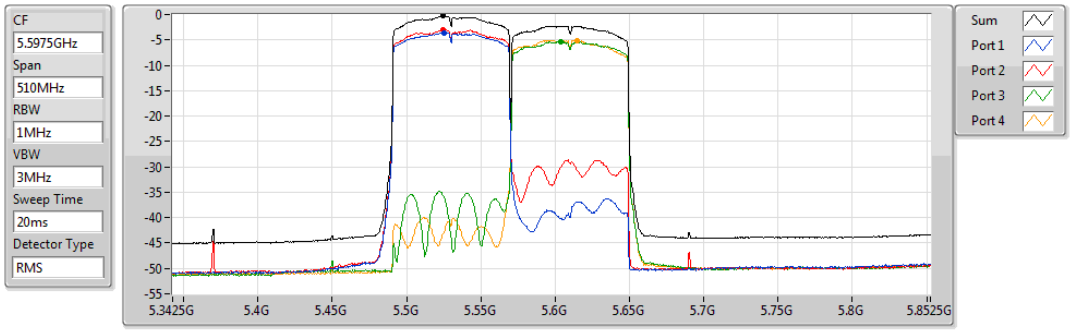
5210MHz,#5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.44	-2.44			-5.57	-5.23

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

#5530MHz,#5610MHz

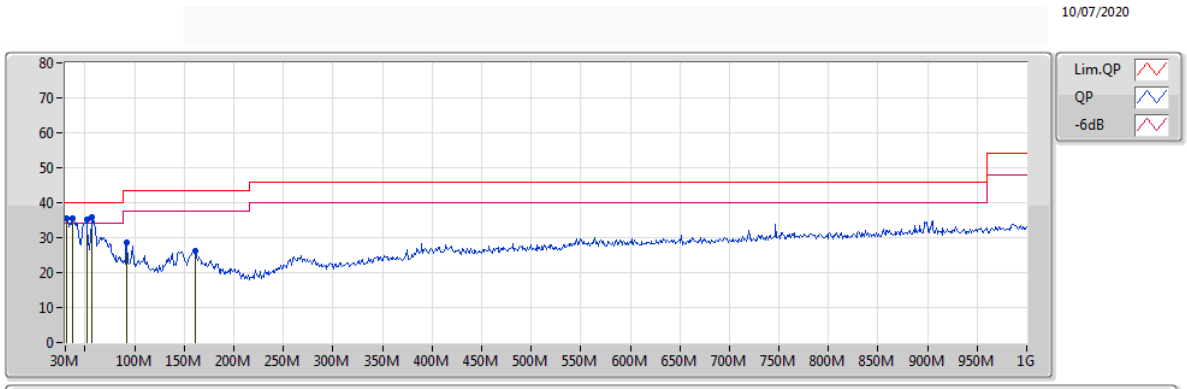


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.31	-0.31	-3.61	-3.04	-5.28	-5.07

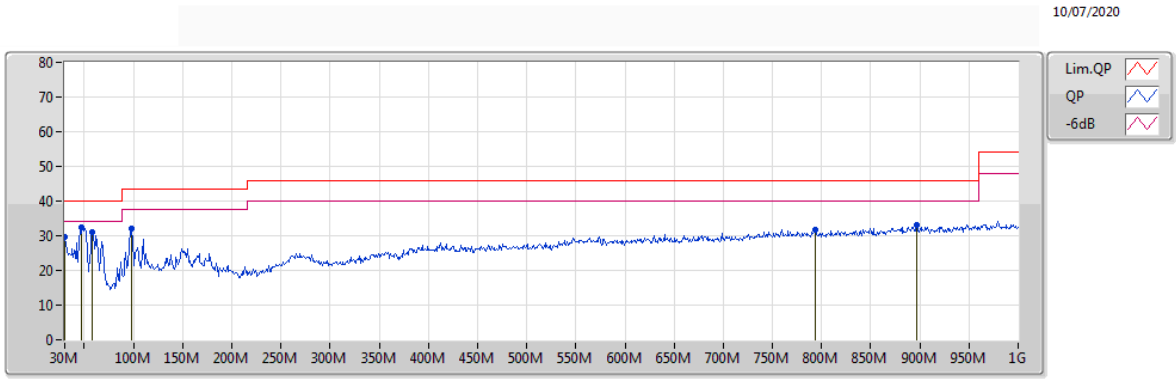
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 4	Pass	PK	57.16M	35.75	40.00	-4.25	Vertical

Test Mode: Mode 4



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30.97M	35.53	40.00	-4.47	-6.70	3	Vertical	0	1.00	-	42.23	23.62	1.22	31.54
PK	36.79M	35.68	40.00	-4.32	-9.31	3	Vertical	341	1.00	-	44.99	20.81	1.34	31.46
PK	51.34M	35.26	40.00	-4.74	-16.35	3	Vertical	40	1.00	-	51.61	14.13	1.17	31.65
PK	57.16M	35.75	40.00	-4.25	-17.84	3	Vertical	321	1.00	"Worst"	53.59	12.79	1.14	31.77
PK	92.08M	28.73	43.50	-14.77	-15.18	3	Vertical	32	1.50	-	43.91	15.25	1.44	31.87
PK	160.95M	26.27	43.50	-17.23	-13.98	3	Vertical	0	2.00	-	40.25	15.91	1.80	31.69



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV/m)	(dB/m)	(dB)	(dB)
PK	30M	29.79	40.00	-10.21	-6.17	3	Horizontal	0	2.00	-	35.96	24.19	1.20	31.56
PK	47.46M	32.41	40.00	-7.59	-14.79	3	Horizontal	0	2.00	"Worst"	47.20	15.55	1.20	31.54
PK	58.13M	30.94	40.00	-9.06	-17.83	3	Horizontal	0	2.00	-	48.77	12.80	1.16	31.79
PK	97.9M	32.17	43.50	-11.33	-14.00	3	Horizontal	0	2.00	-	46.17	16.39	1.50	31.89
PK	793.39M	31.74	46.00	-14.26	-3.07	3	Horizontal	354	1.50	-	34.81	25.30	3.91	32.28
PK	897.18M	33.13	46.00	-12.87	-1.86	3	Horizontal	136	2.00	-	34.99	25.91	4.58	32.35

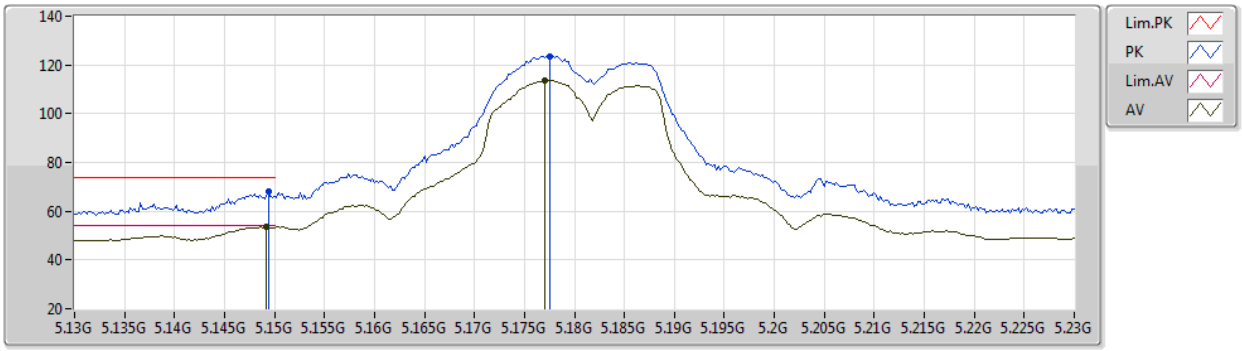
For External antenna
<20MHz, 40MHz, 80MHz>:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	5.355G	53.97	54.00	-0.03	3	Horizontal	176	1.97	-

802.11a_(6Mbps)_4TX

5180MHz_TX

01/07/2020



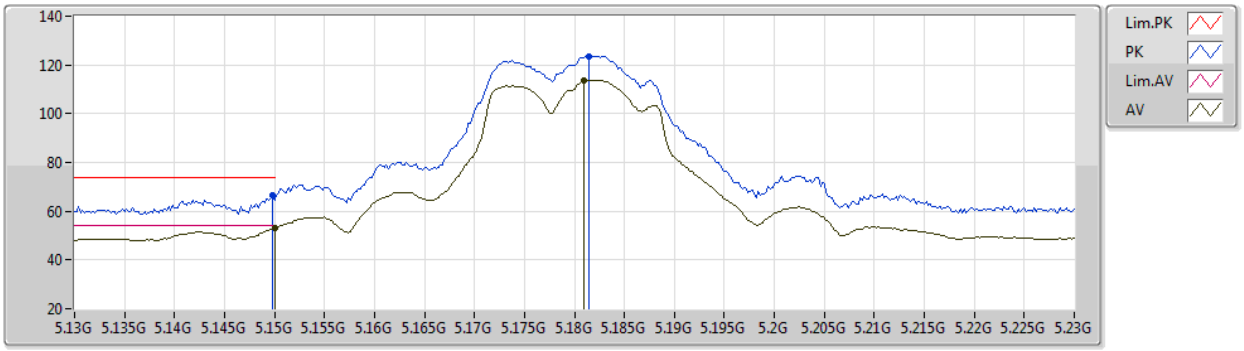
EUT Z_4TX
Setting 42
03-A-E-2-10

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	5.1494G	67.90	74.00	-6.10	61.11	3	Vertical	180	2.08	-	33.90	6.73	33.84
AV	5.1492G	53.56	54.00	-0.44	46.77	3	Vertical	180	2.08	-	33.90	6.73	33.84
PK	5.1776G	123.66	Inf	-Inf	116.84	3	Vertical	180	2.08	-	33.90	6.75	33.83
AV	5.177G	113.66	Inf	-Inf	106.84	3	Vertical	180	2.08	-	33.90	6.75	33.83

802.11a_(6Mbps)_4TX

5180MHz_TX

01/07/2020



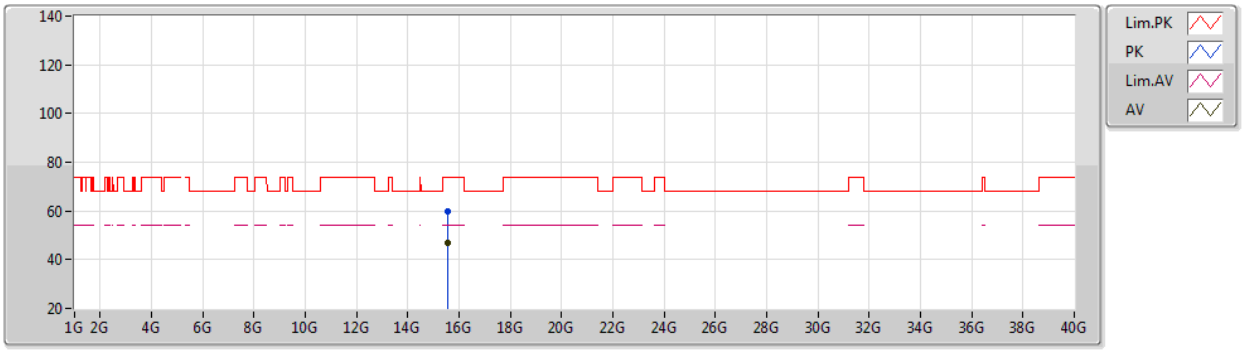
EUT Z_4TX
Setting 42
03-A-E-2-10

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	5.1498G	66.55	74.00	-7.45	59.76	3	Horizontal	183	1.80	-	33.90	6.73	33.84
AV	5.15G	53.27	54.00	-0.73	46.48	3	Horizontal	183	1.80	-	33.90	6.73	33.84
PK	5.1814G	123.65	Inf	-Inf	116.82	3	Horizontal	183	1.80	-	33.90	6.76	33.83
AV	5.181G	113.81	Inf	-Inf	106.98	3	Horizontal	183	1.80	-	33.90	6.76	33.83

802.11a_(6Mbps)_4TX

5180MHz_TX

01/07/2020



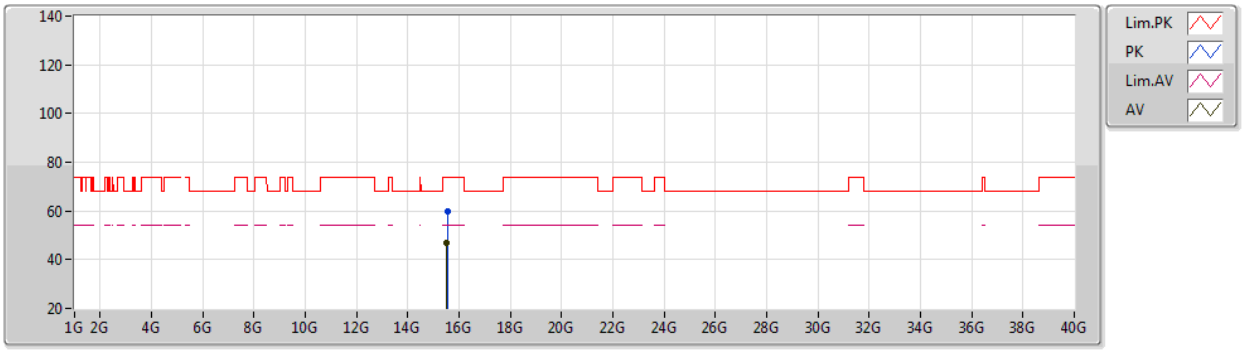
EUT Z_4TX
Setting 42
03-A-E-2

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	15.53934G	60.03	74.00	-13.97	44.04	3	Vertical	178	1.37	-	38.88	11.63	34.52
AV	15.53472G	46.99	54.00	-7.01	30.99	3	Vertical	178	1.37	-	38.90	11.62	34.52

802.11a_(6Mbps)_4TX

5180MHz_TX

01/07/2020



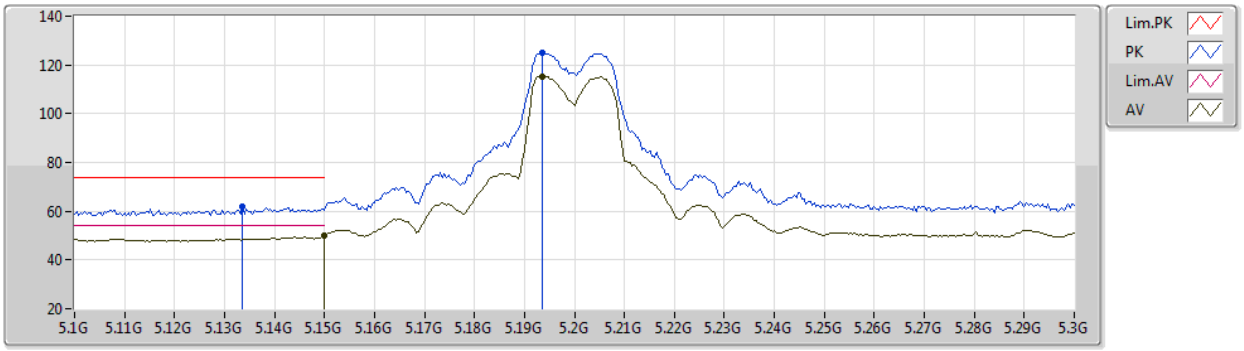
EUT Z_4TX
Setting 42
03-A-E-2

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	15.54888G	59.97	74.00	-14.03	44.01	3	Horizontal	262	1.89	-	38.85	11.63	34.52
AV	15.52578G	46.95	54.00	-7.05	30.94	3	Horizontal	262	1.89	-	38.92	11.62	34.53

802.11a_(6Mbps)_4TX

5200MHz_TX

01/07/2020



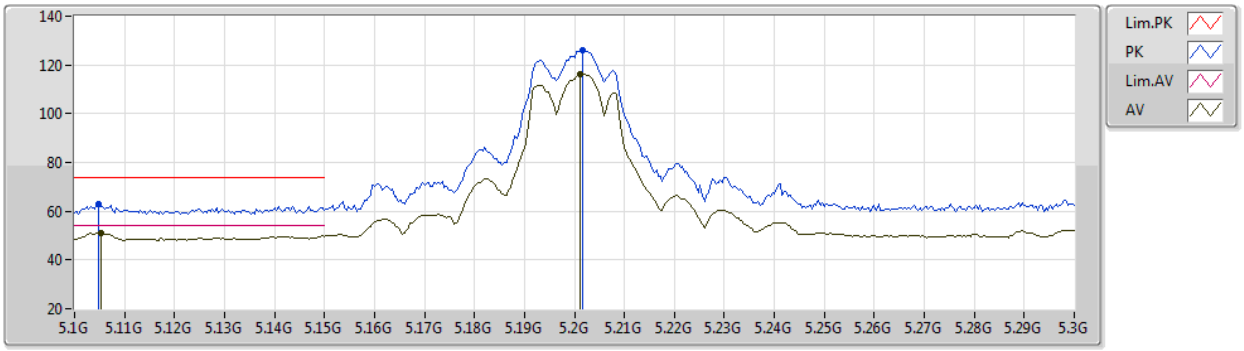
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.1336G	61.67	74.00	-12.33	54.89	3	Vertical	176	2.04	-	33.90	6.72	33.84
AV	5.15G	49.83	54.00	-4.17	43.04	3	Vertical	176	2.04	-	33.90	6.73	33.84
PK	5.1936G	125.09	Inf	-Inf	118.25	3	Vertical	176	2.04	-	33.90	6.77	33.83
AV	5.1936G	115.30	Inf	-Inf	108.46	3	Vertical	176	2.04	-	33.90	6.77	33.83

802.11a_(6Mbps)_4TX

5200MHz_TX

01/07/2020



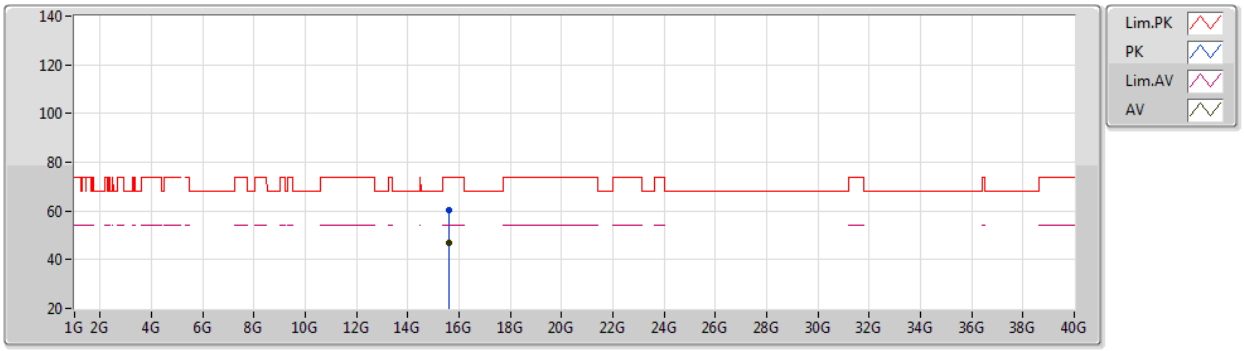
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.1048G	63.18	74.00	-10.82	56.43	3	Horizontal	188	1.84	-	33.90	6.70	33.85
AV	5.1052G	51.21	54.00	-2.79	44.46	3	Horizontal	188	1.84	-	33.90	6.70	33.85
PK	5.2016G	126.24	Inf	-Inf	119.40	3	Horizontal	188	1.84	-	33.90	6.77	33.83
AV	5.2012G	116.38	Inf	-Inf	109.54	3	Horizontal	188	1.84	-	33.90	6.77	33.83

802.11a_(6Mbps)_4TX

5200MHz_TX

01/07/2020



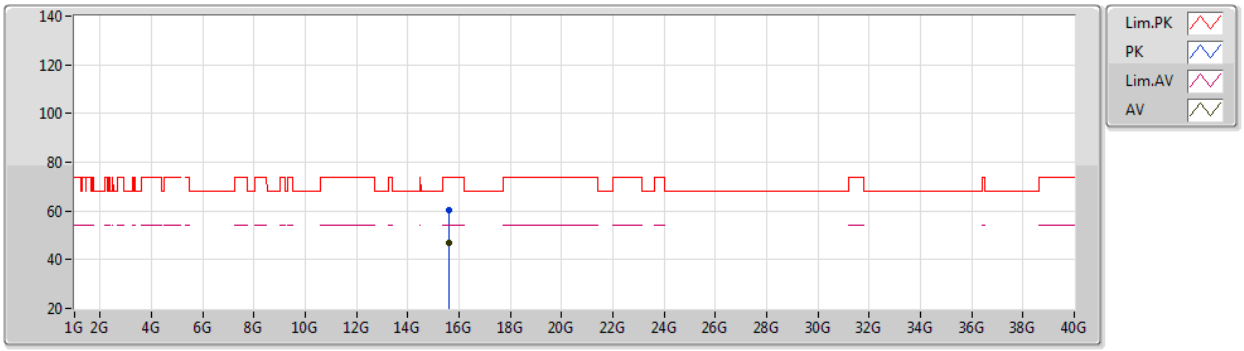
EUT Z_4TX
Setting 46
03-A-E-2

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	15.5982G	60.15	74.00	-13.85	44.29	3	Vertical	84	1.80	-	38.71	11.66	34.51
AV	15.58692G	47.03	54.00	-6.97	31.16	3	Vertical	84	1.80	-	38.74	11.65	34.52

802.11a_(6Mbps)_4TX

5200MHz_TX

01/07/2020



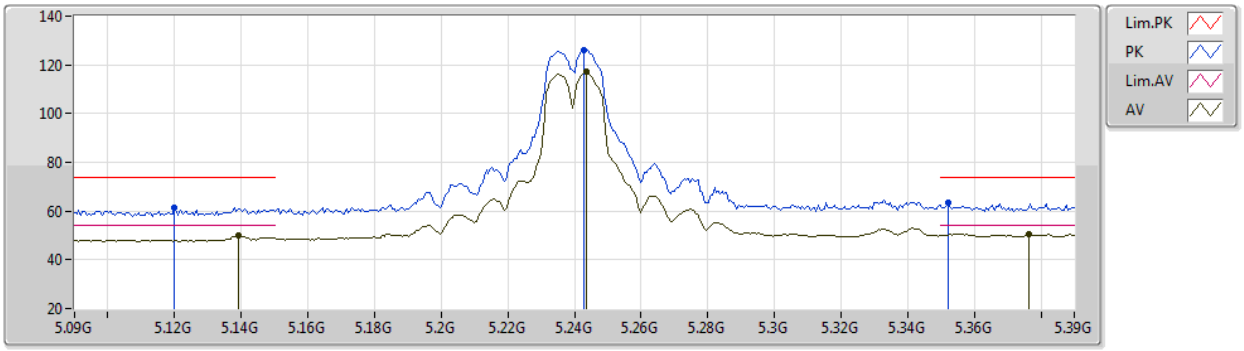
EUT Z_4TX
Setting 46
03-A-E-2

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	15.59022G	60.44	74.00	-13.56	44.58	3	Horizontal	359	1.80	-	38.73	11.65	34.52
AV	15.59676G	46.83	54.00	-7.17	30.98	3	Horizontal	359	1.80	-	38.71	11.65	34.51

802.11a_(6Mbps)_4TX

5240MHz_TX

01/07/2020



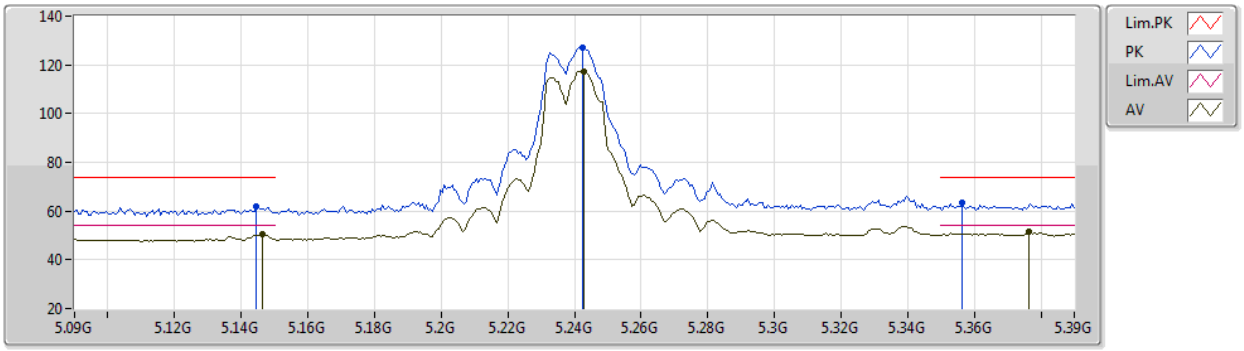
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.12G	61.14	74.00	-12.86	54.38	3	Vertical	177	1.97	-	33.90	6.71	33.85
AV	5.1392G	49.99	54.00	-4.01	43.20	3	Vertical	177	1.97	-	33.90	6.73	33.84
PK	5.243G	126.25	Inf	-Inf	119.23	3	Vertical	177	1.97	-	34.03	6.81	33.82
AV	5.2436G	117.00	Inf	-Inf	109.98	3	Vertical	177	1.97	-	34.03	6.81	33.82
PK	5.3522G	63.26	74.00	-10.74	55.90	3	Vertical	177	1.97	-	34.25	6.90	33.79
AV	5.3762G	50.76	54.00	-3.24	43.35	3	Vertical	177	1.97	-	34.28	6.91	33.78

802.11a_(6Mbps)_4TX

5240MHz_TX

01/07/2020



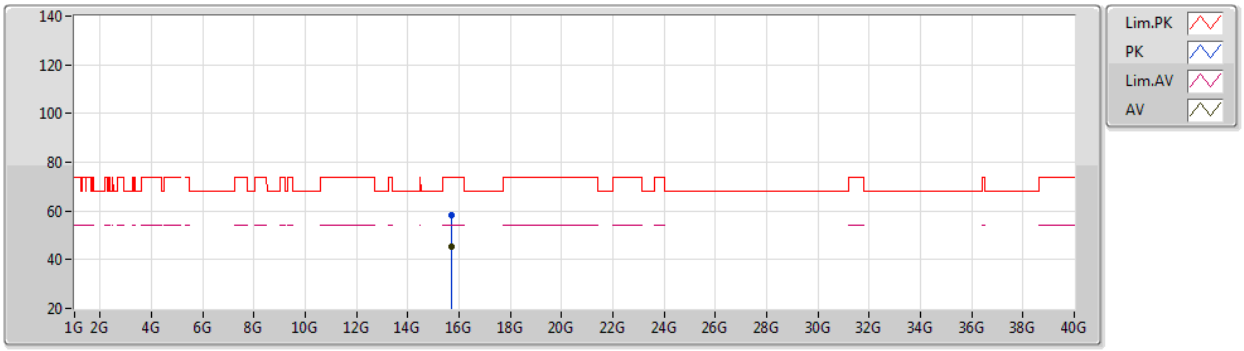
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.1446G	61.76	74.00	-12.24	54.97	3	Horizontal	168	1.80	-	33.90	6.73	33.84
AV	5.1464G	50.33	54.00	-3.67	43.54	3	Horizontal	168	1.80	-	33.90	6.73	33.84
PK	5.2424G	127.19	Inf	-Inf	120.17	3	Horizontal	168	1.80	-	34.03	6.81	33.82
AV	5.243G	117.40	Inf	-Inf	110.38	3	Horizontal	168	1.80	-	34.03	6.81	33.82
PK	5.3564G	63.55	74.00	-10.45	56.18	3	Horizontal	168	1.80	-	34.26	6.90	33.79
AV	5.3762G	51.74	54.00	-2.26	44.33	3	Horizontal	168	1.80	-	34.28	6.91	33.78

802.11a_(6Mbps)_4TX

5240MHz_TX

01/07/2020



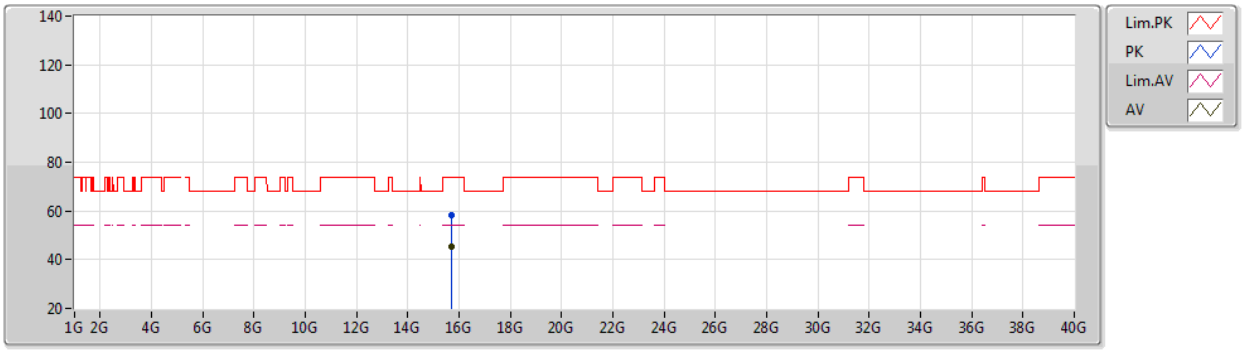
EUT Z_4TX
Setting 46
03-A-E-2

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	15.72636G	58.46	74.00	-15.54	42.91	3	Vertical	237	3.00	-	38.32	11.72	34.49
AV	15.71004G	45.19	54.00	-8.81	29.61	3	Vertical	237	3.00	-	38.37	11.71	34.50

802.11a_(6Mbps)_4TX

5240MHz_TX

01/07/2020



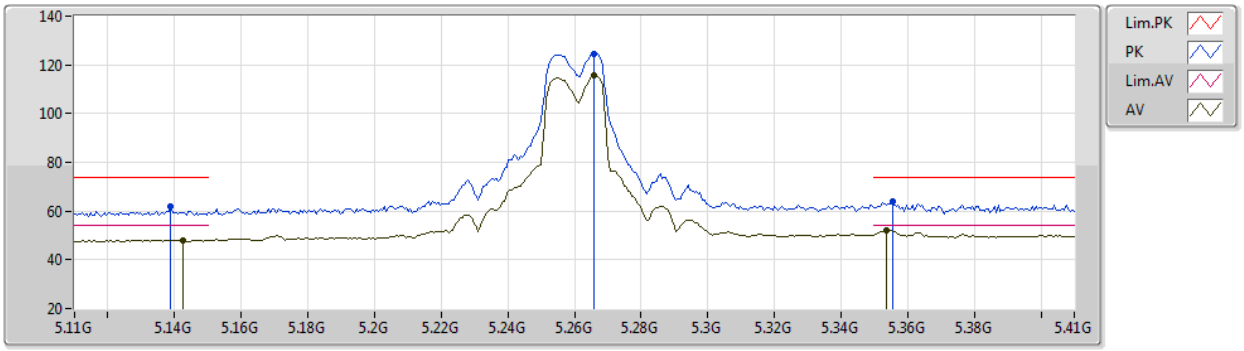
EUT Z_4TX
Setting 46
03-A-E-2

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	15.71202G	58.32	74.00	-15.68	42.75	3	Horizontal	149	1.80	-	38.36	11.71	34.50
AV	15.70668G	45.34	54.00	-8.66	29.75	3	Horizontal	149	1.80	-	38.38	11.71	34.50

802.11a_(6Mbps)_4TX

5260MHz_TX

01/07/2020



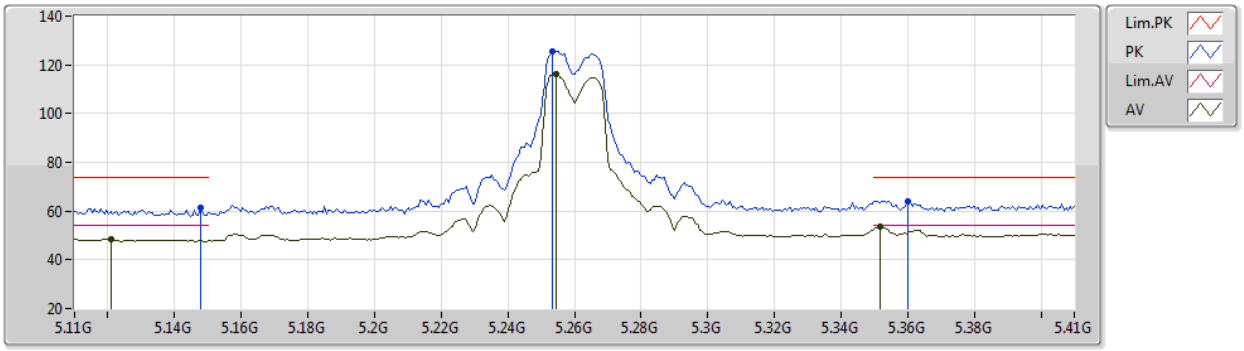
EUT Z_4TX
Setting 44
03-A-E-2-10

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	5.1388G	62.10	74.00	-11.90	55.31	3	Vertical	172	1.91	-	33.90	6.73	33.84
AV	5.1424G	48.04	54.00	-5.96	41.25	3	Vertical	172	1.91	-	33.90	6.73	33.84
PK	5.266G	124.66	Inf	-Inf	117.54	3	Vertical	172	1.91	-	34.10	6.83	33.81
AV	5.266G	115.50	Inf	-Inf	108.38	3	Vertical	172	1.91	-	34.10	6.83	33.81
PK	5.3554G	63.79	74.00	-10.21	56.42	3	Vertical	172	1.91	-	34.26	6.90	33.79
AV	5.3536G	52.09	54.00	-1.91	44.73	3	Vertical	172	1.91	-	34.25	6.90	33.79

802.11a_(6Mbps)_4TX

5260MHz_TX

01/07/2020



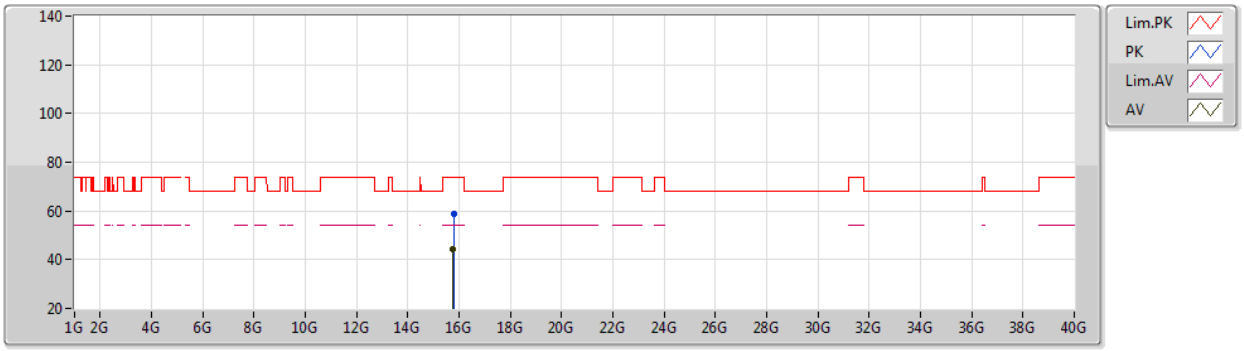
EUT Z_4TX
Setting 44
03-A-E-2-10

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	5.1478G	61.39	74.00	-12.61	54.60	3	Horizontal	179	1.80	-	33.90	6.73	33.84
AV	5.1208G	48.40	54.00	-5.60	41.64	3	Horizontal	179	1.80	-	33.90	6.71	33.85
PK	5.2534G	125.60	Inf	-Inf	118.53	3	Horizontal	179	1.80	-	34.06	6.82	33.81
AV	5.2546G	116.08	Inf	-Inf	109.01	3	Horizontal	179	1.80	-	34.06	6.82	33.81
PK	5.3602G	64.02	74.00	-9.98	56.65	3	Horizontal	179	1.80	-	34.26	6.90	33.79
AV	5.3518G	53.68	54.00	-0.32	46.32	3	Horizontal	179	1.80	-	34.25	6.90	33.79

802.11a_(6Mbps)_4TX

5260MHz_TX

01/07/2020



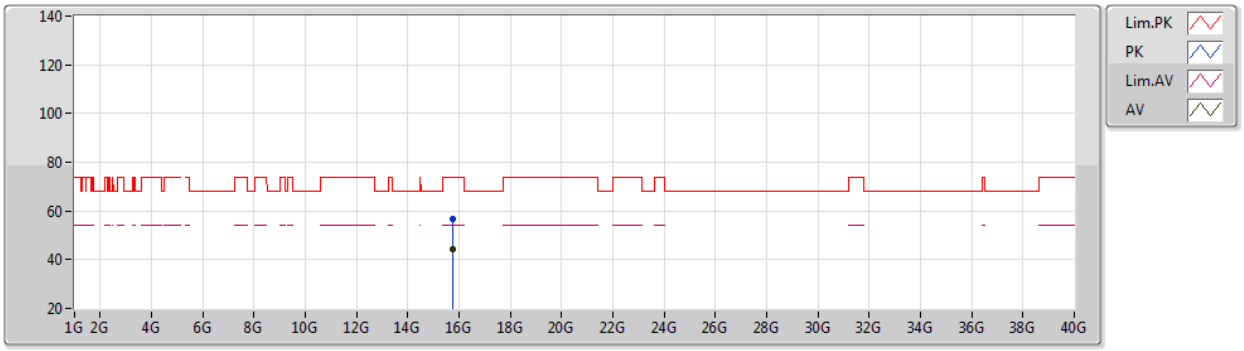
EUT Z_4TX
Setting 44
03-A-E-2

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	15.78018G	58.62	74.00	-15.38	43.20	3	Vertical	349	1.02	-	38.16	11.75	34.49
AV	15.76548G	44.41	54.00	-9.59	28.96	3	Vertical	349	1.02	-	38.20	11.74	34.49

802.11a_(6Mbps)_4TX

5260MHz_TX

01/07/2020



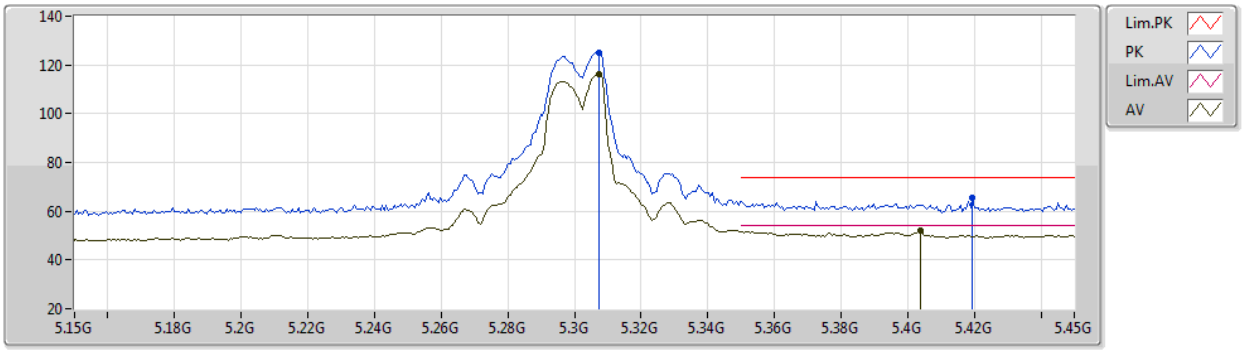
EUT Z_4TX
Setting 44
03-A-E-2

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	15.77052G	56.68	74.00	-17.32	41.24	3	Horizontal	116	2.34	-	38.19	11.74	34.49
AV	15.77148G	44.15	54.00	-9.85	28.71	3	Horizontal	116	2.34	-	38.19	11.74	34.49

802.11a_(6Mbps)_4TX

5300MHz_TX

01/07/2020



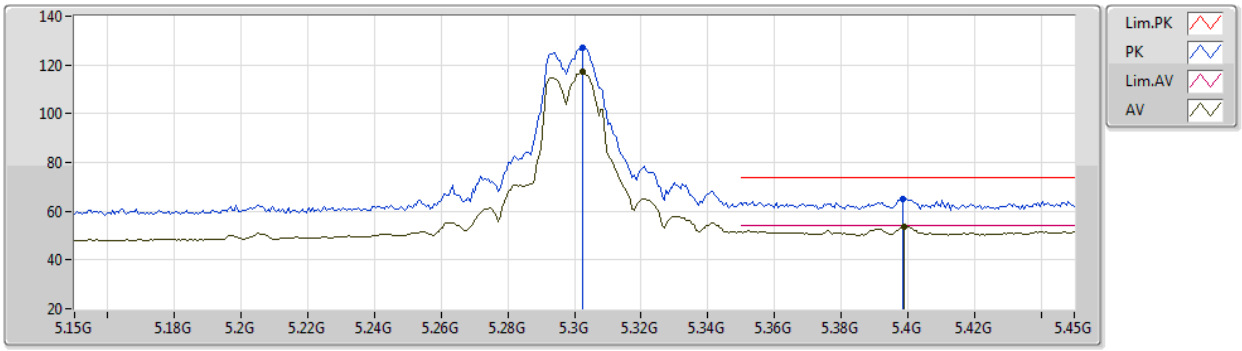
EUT Z_4TX
Setting 44
03-A-E-2-10

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	5.3072G	125.20	Inf	-Inf	117.92	3	Vertical	181	1.80	-	34.21	6.87	33.80
AV	5.3072G	116.11	Inf	-Inf	108.83	3	Vertical	181	1.80	-	34.21	6.87	33.80
PK	5.4194G	65.60	74.00	-8.40	58.11	3	Vertical	181	1.80	-	34.32	6.95	33.78
AV	5.4038G	51.95	54.00	-2.05	44.50	3	Vertical	181	1.80	-	34.30	6.93	33.78

802.11a_(6Mbps)_4TX

5300MHz_TX

01/07/2020



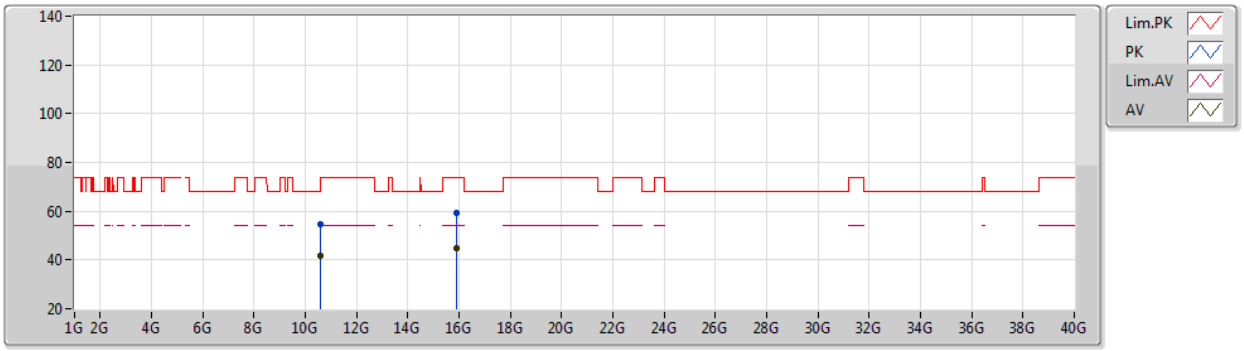
EUT Z_4TX
Setting 44
03-A-E-2-10

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	5.3024G	127.12	Inf	-Inf	119.86	3	Horizontal	175	1.96	-	34.20	6.86	33.80
AV	5.3024G	117.02	Inf	-Inf	109.76	3	Horizontal	175	1.96	-	34.20	6.86	33.80
PK	5.3984G	65.18	74.00	-8.82	57.73	3	Horizontal	175	1.96	-	34.30	6.93	33.78
AV	5.399G	53.69	54.00	-0.31	46.24	3	Horizontal	175	1.96	-	34.30	6.93	33.78

802.11a_(6Mbps)_4TX

5300MHz_TX

01/07/2020



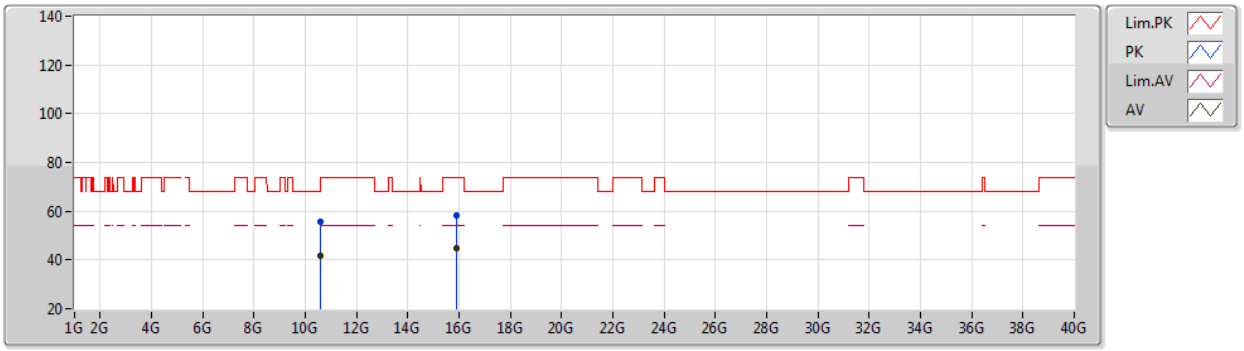
EUT Z_4TX
Setting 44
03-A-E-2

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	10.612G	54.85	74.00	-19.15	40.67	3	Vertical	58	1.32	-	38.36	10.04	34.22
AV	10.60837G	41.91	54.00	-12.09	27.73	3	Vertical	58	1.32	-	38.36	10.04	34.22
PK	15.88842G	59.11	74.00	-14.89	43.95	3	Vertical	192	1.85	-	37.83	11.80	34.47
AV	15.89898G	45.05	54.00	-8.95	29.91	3	Vertical	192	1.85	-	37.80	11.81	34.47

802.11a_(6Mbps)_4TX

5300MHz_TX

01/07/2020



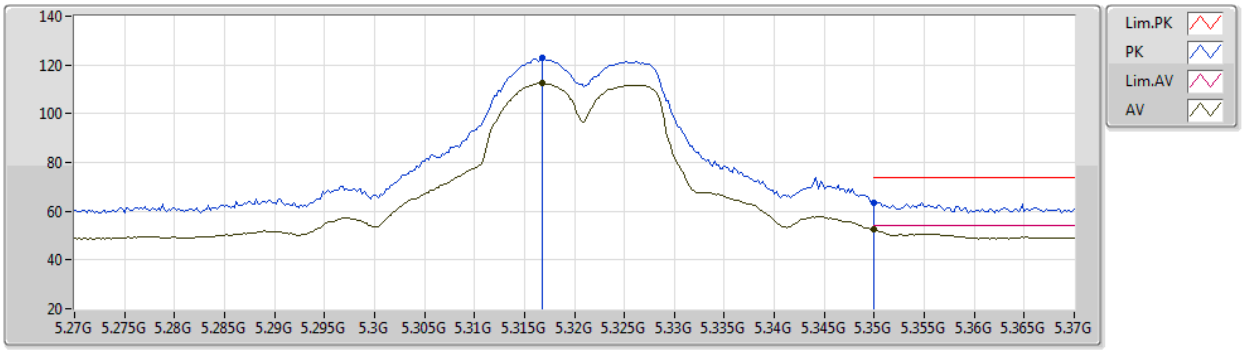
EUT Z_4TX
Setting 44
03-A-E-2

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	10.61299G	55.57	74.00	-18.43	41.39	3	Horizontal	37	2.12	-	38.36	10.04	34.22
AV	10.61158G	41.93	54.00	-12.07	27.75	3	Horizontal	37	2.12	-	38.36	10.04	34.22
PK	15.90066G	58.26	74.00	-15.74	43.12	3	Horizontal	118	1.80	-	37.80	11.81	34.47
AV	15.9057G	44.96	54.00	-9.04	29.84	3	Horizontal	118	1.80	-	37.78	11.81	34.47

802.11a_(6Mbps)_4TX

5320MHz_TX

01/07/2020



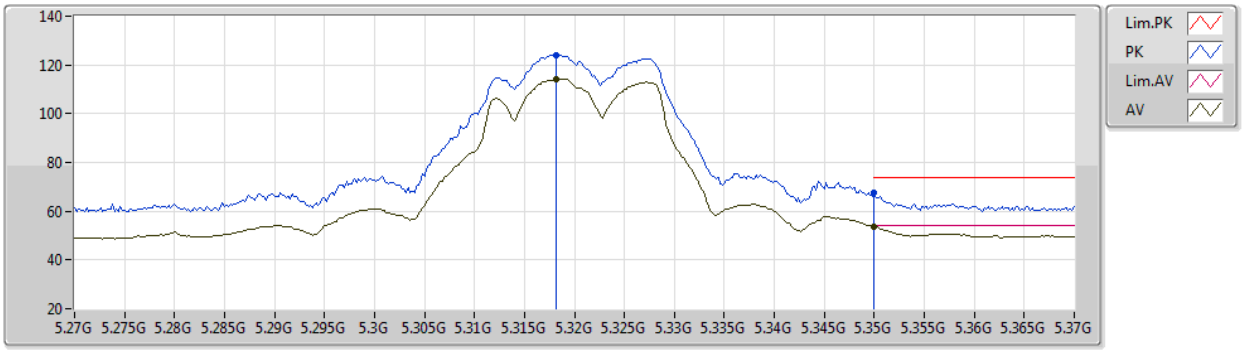
EUT Z_4TX
Setting 39
03-A-E-2-10

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	5.3168G	122.96	Inf	-Inf	115.67	3	Vertical	172	1.95	-	34.22	6.87	33.80
AV	5.3168G	112.74	Inf	-Inf	105.45	3	Vertical	172	1.95	-	34.22	6.87	33.80
PK	5.35G	63.63	74.00	-10.37	56.27	3	Vertical	172	1.95	-	34.25	6.90	33.79
AV	5.35G	52.54	54.00	-1.46	45.18	3	Vertical	172	1.95	-	34.25	6.90	33.79

802.11a_(6Mbps)_4TX

5320MHz_TX

01/07/2020



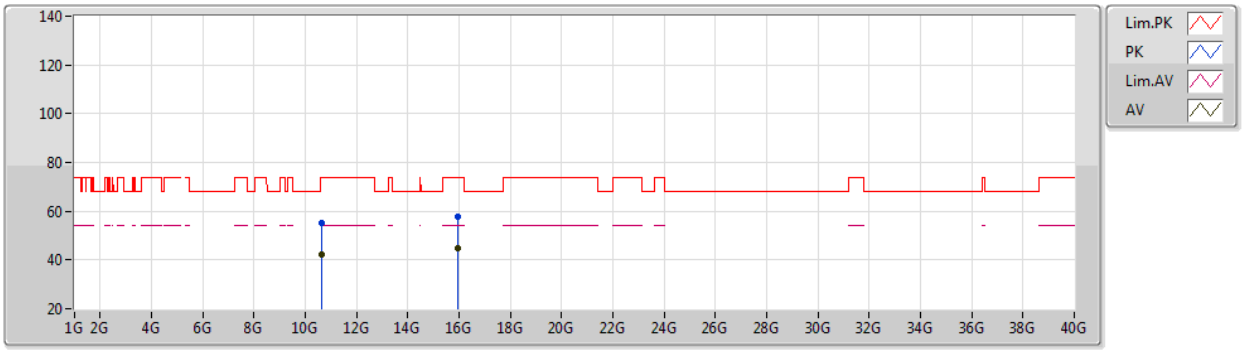
EUT Z_4TX
Setting 39
03-A-E-2-10

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	5.3182G	124.18	Inf	-Inf	116.89	3	Horizontal	169	1.92	-	34.22	6.87	33.80
AV	5.3182G	114.11	Inf	-Inf	106.82	3	Horizontal	169	1.92	-	34.22	6.87	33.80
PK	5.35G	67.39	74.00	-6.61	60.03	3	Horizontal	169	1.92	-	34.25	6.90	33.79
AV	5.35G	53.65	54.00	-0.35	46.29	3	Horizontal	169	1.92	-	34.25	6.90	33.79

802.11a_(6Mbps)_4TX

5320MHz_TX

01/07/2020



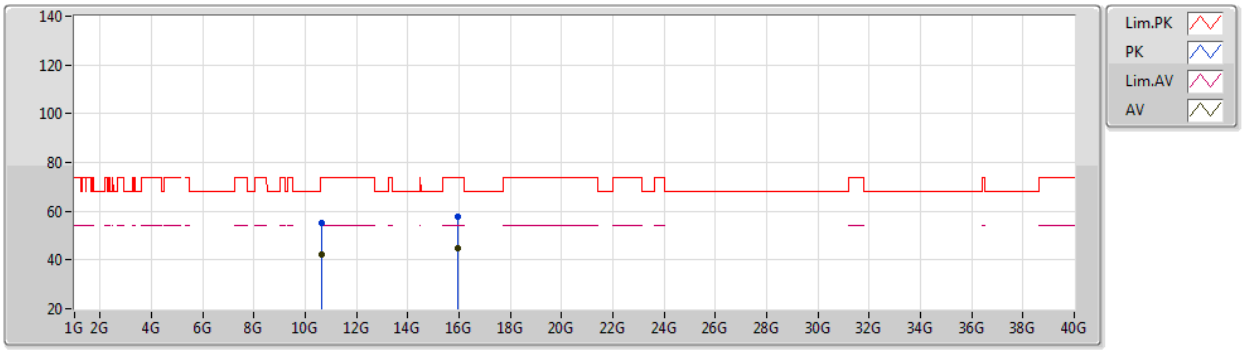
EUT Z_4TX
Setting 39
03-A-E-2

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	10.6445G	55.00	74.00	-19.00	40.82	3	Vertical	154	2.70	-	38.36	10.04	34.22
AV	10.6352G	42.02	54.00	-11.98	27.84	3	Vertical	154	2.70	-	38.36	10.04	34.22
PK	15.96312G	57.69	74.00	-16.31	42.70	3	Vertical	182	2.36	-	37.61	11.84	34.46
AV	15.9618G	44.86	54.00	-9.14	29.87	3	Vertical	182	2.36	-	37.61	11.84	34.46

802.11a_(6Mbps)_4TX

5320MHz_TX

01/07/2020



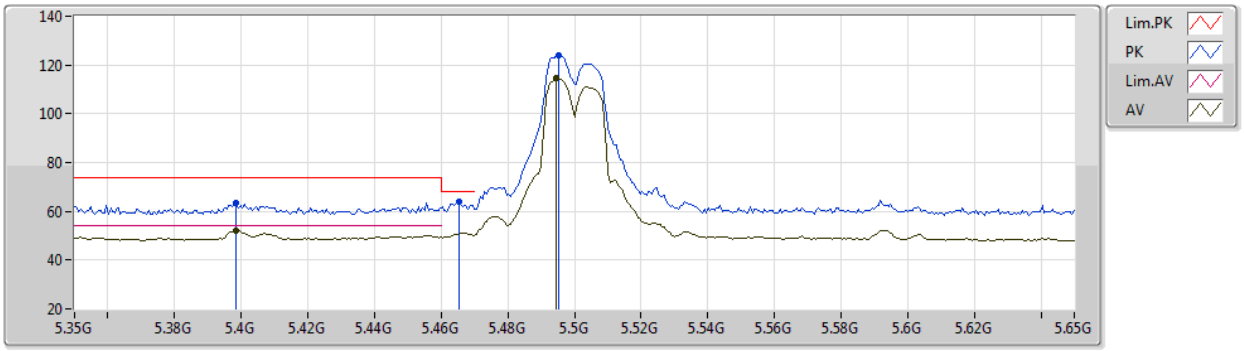
EUT Z_4TX
Setting 39
03-A-E-2

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	10.63598G	55.40	74.00	-18.60	41.22	3	Horizontal	289	1.49	-	38.36	10.04	34.22
AV	10.6376G	42.14	54.00	-11.86	27.96	3	Horizontal	289	1.49	-	38.36	10.04	34.22
PK	15.9555G	57.90	74.00	-16.10	42.89	3	Horizontal	42	2.71	-	37.63	11.84	34.46
AV	15.95754G	44.98	54.00	-9.02	29.97	3	Horizontal	42	2.71	-	37.63	11.84	34.46

802.11a_(6Mbps)_4TX

5500MHz_TX

01/07/2020



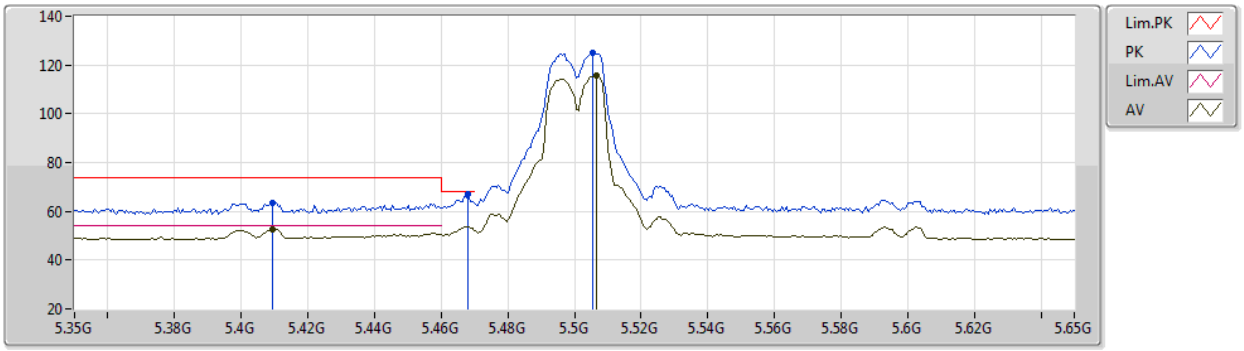
EUT Z_4TX
Setting 39
03-A-E-2-10

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	5.3986G	63.60	74.00	-10.40	56.15	3	Vertical	177	1.88	-	34.30	6.93	33.78
AV	5.3986G	51.99	54.00	-2.01	44.54	3	Vertical	177	1.88	-	34.30	6.93	33.78
PK	5.4652G	63.72	68.20	-4.48	56.14	3	Vertical	177	1.88	-	34.37	6.98	33.77
PK	5.4952G	124.11	Inf	-Inf	116.46	3	Vertical	177	1.88	-	34.40	7.01	33.76
AV	5.4946G	114.60	Inf	-Inf	106.96	3	Vertical	177	1.88	-	34.39	7.01	33.76

802.11a_(6Mbps)_4TX

5500MHz_TX

01/07/2020



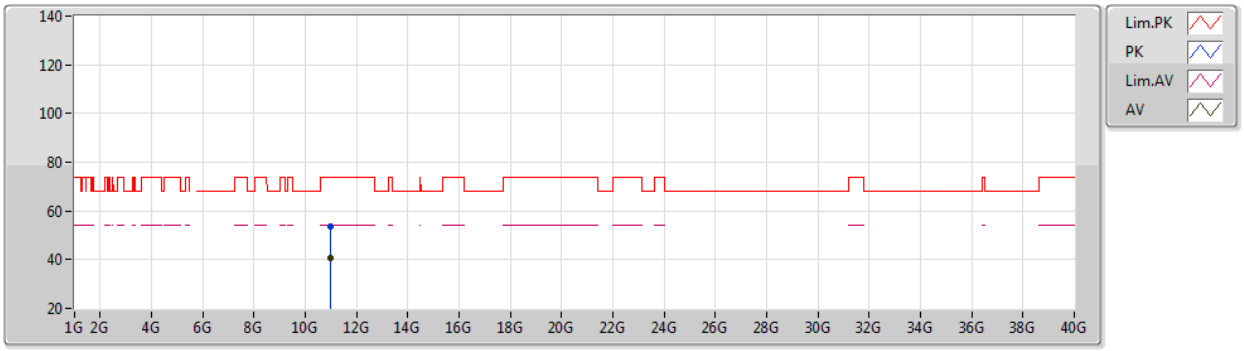
EUT Z_4TX
Setting 39
03-A-E-2-10

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	5.4094G	63.42	74.00	-10.58	55.95	3	Horizontal	180	1.83	-	34.31	6.94	33.78
AV	5.4094G	52.57	54.00	-1.43	45.10	3	Horizontal	180	1.83	-	34.31	6.94	33.78
PK	5.4682G	66.86	68.20	-1.34	59.28	3	Horizontal	180	1.83	-	34.37	6.98	33.77
PK	5.5054G	125.00	Inf	-Inf	117.36	3	Horizontal	180	1.83	-	34.39	7.01	33.76
AV	5.5066G	115.45	Inf	-Inf	107.81	3	Horizontal	180	1.83	-	34.39	7.01	33.76

802.11a_(6Mbps)_4TX

5500MHz_TX

01/07/2020



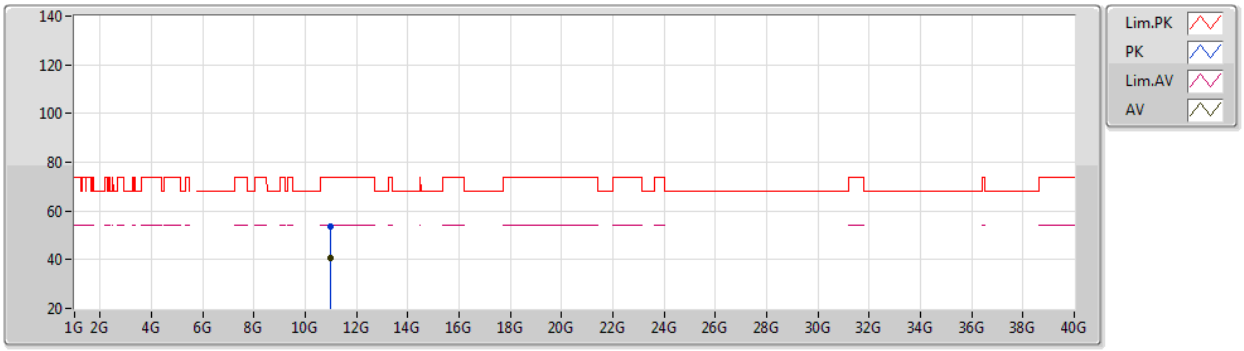
EUT Z_4TX
Setting 39
03-A-E-2

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	11.0015G	53.78	74.00	-20.22	39.51	3	Vertical	190	2.48	-	38.40	10.10	34.23
AV	11.00072G	40.53	54.00	-13.47	26.26	3	Vertical	190	2.48	-	38.40	10.10	34.23

802.11a_(6Mbps)_4TX

5500MHz_TX

01/07/2020



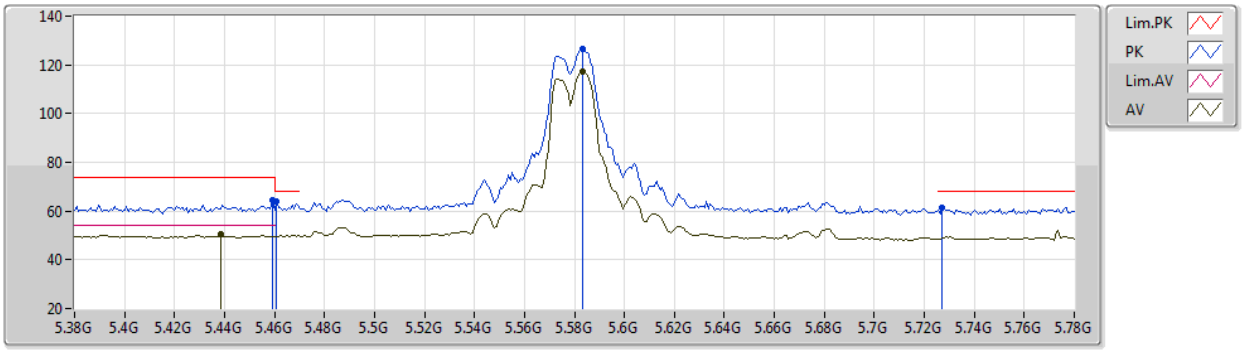
EUT Z_4TX
Setting 39
03-A-E-2

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	10.9985G	53.50	74.00	-20.50	39.23	3	Horizontal	86	2.97	-	38.40	10.10	34.23
AV	10.9925G	40.60	54.00	-13.40	26.33	3	Horizontal	86	2.97	-	38.40	10.10	34.23

802.11a_(6Mbps)_4TX

5580MHz_TX

01/07/2020



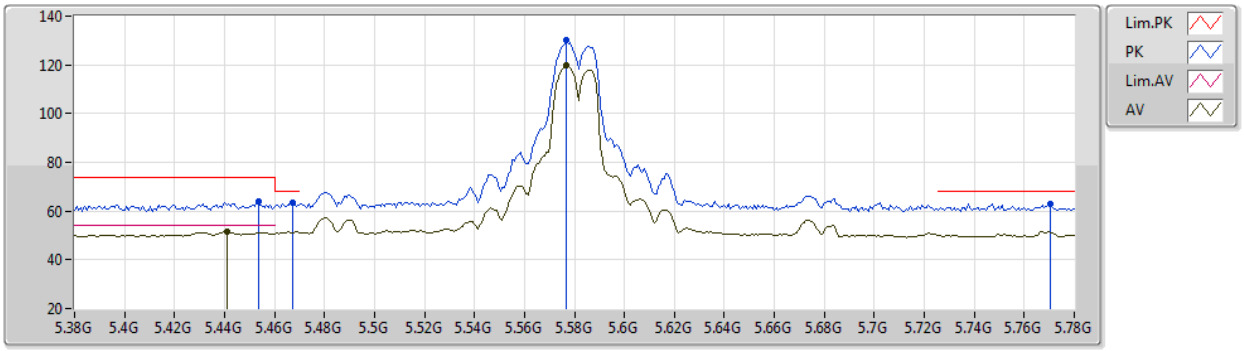
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.4592G	64.27	74.00	-9.73	56.70	3	Vertical	174	1.98	-	34.36	6.98	33.77
AV	5.4384G	50.29	54.00	-3.71	42.76	3	Vertical	174	1.98	-	34.34	6.96	33.77
PK	5.4608G	63.87	68.20	-4.33	56.30	3	Vertical	174	1.98	-	34.36	6.98	33.77
PK	5.5832G	126.61	Inf	-Inf	119.06	3	Vertical	174	1.98	-	34.32	7.02	33.79
AV	5.5832G	117.33	Inf	-Inf	109.78	3	Vertical	174	1.98	-	34.32	7.02	33.79
PK	5.7272G	61.46	68.20	-6.74	54.08	3	Vertical	174	1.98	-	34.20	7.03	33.85

802.11a_(6Mbps)_4TX

5580MHz_TX

01/07/2020



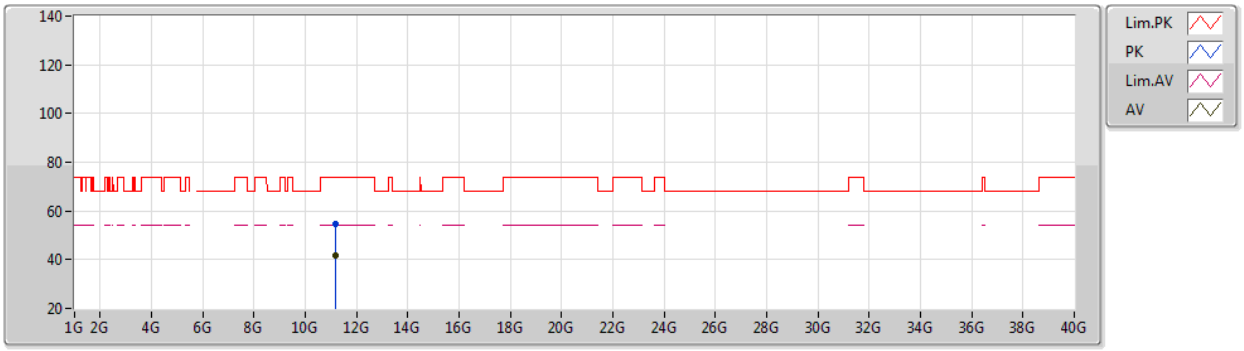
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.4536G	63.85	74.00	-10.15	56.30	3	Horizontal	180	1.88	-	34.35	6.97	33.77
AV	5.4408G	51.71	54.00	-2.29	44.18	3	Horizontal	180	1.88	-	34.34	6.96	33.77
PK	5.4672G	63.58	68.20	-4.62	56.00	3	Horizontal	180	1.88	-	34.37	6.98	33.77
PK	5.5768G	130.29	Inf	-Inf	122.74	3	Horizontal	180	1.88	-	34.32	7.02	33.79
AV	5.5768G	119.63	Inf	-Inf	112.08	3	Horizontal	180	1.88	-	34.32	7.02	33.79
PK	5.7704G	62.98	68.20	-5.22	55.61	3	Horizontal	180	1.88	-	34.20	7.04	33.87

802.11a_(6Mbps)_4TX

5580MHz_TX

01/07/2020



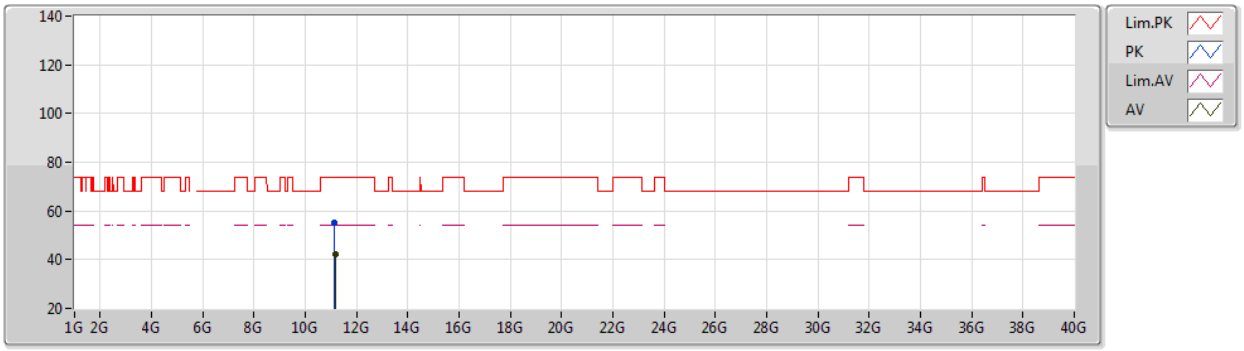
EUT Z_4TX
Setting 46
03-A-E-2

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	11.15742G	54.52	74.00	-19.48	40.13	3	Vertical	189	2.95	-	38.51	10.12	34.24
AV	11.1576G	41.92	54.00	-12.08	27.53	3	Vertical	189	2.95	-	38.51	10.12	34.24

802.11a_(6Mbps)_4TX

5580MHz_TX

01/07/2020



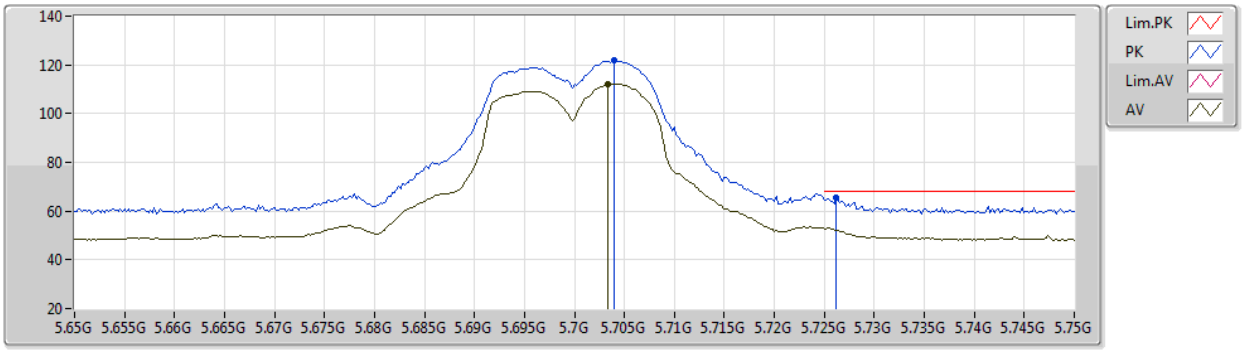
EUT Z_4TX
Setting 46
03-A-E-2

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	11.15526G	55.15	74.00	-18.85	40.76	3	Horizontal	121	2.73	-	38.51	10.12	34.24
AV	11.15586G	42.14	54.00	-11.86	27.75	3	Horizontal	121	2.73	-	38.51	10.12	34.24

802.11a_(6Mbps)_4TX

5700MHz_TX

01/07/2020



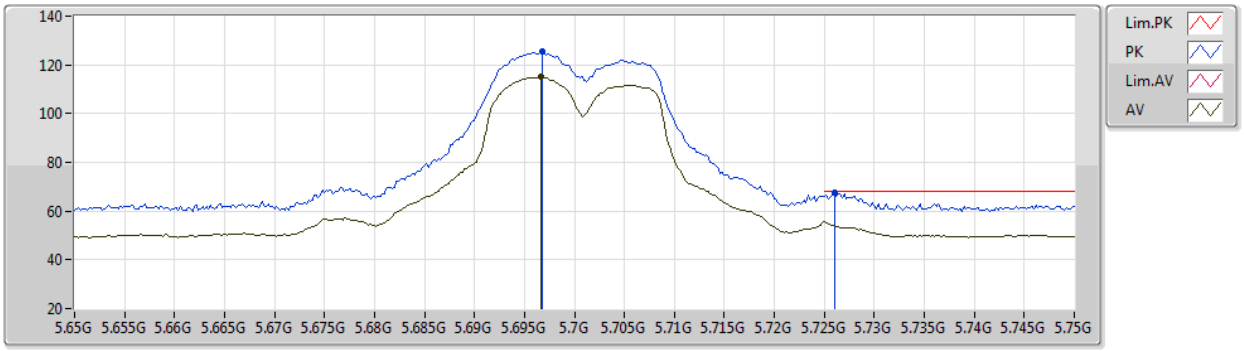
EUT Z_4TX
Setting 38
03-A-E-2-10

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	5.704G	121.83	Inf	-Inf	114.44	3	Vertical	175	1.88	-	34.20	7.03	33.84
AV	5.7034G	112.12	Inf	-Inf	104.73	3	Vertical	175	1.88	-	34.20	7.03	33.84
PK	5.7262G	65.32	68.20	-2.88	57.94	3	Vertical	175	1.88	-	34.20	7.03	33.85

802.11a_(6Mbps)_4TX

5700MHz_TX

01/07/2020



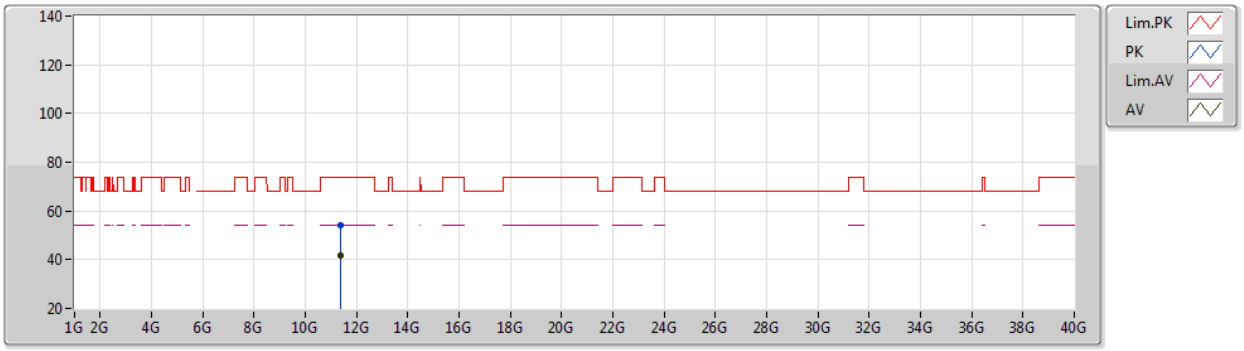
EUT Z_4TX
Setting 38
03-A-E-2-10

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	5.6968G	125.36	Inf	-Inf	117.97	3	Horizontal	179	1.89	-	34.20	7.03	33.84
AV	5.6966G	115.07	Inf	-Inf	107.68	3	Horizontal	179	1.89	-	34.20	7.03	33.84
PK	5.726G	67.81	68.20	-0.39	60.43	3	Horizontal	179	1.89	-	34.20	7.03	33.85

802.11a_(6Mbps)_4TX

5700MHz_TX

01/07/2020



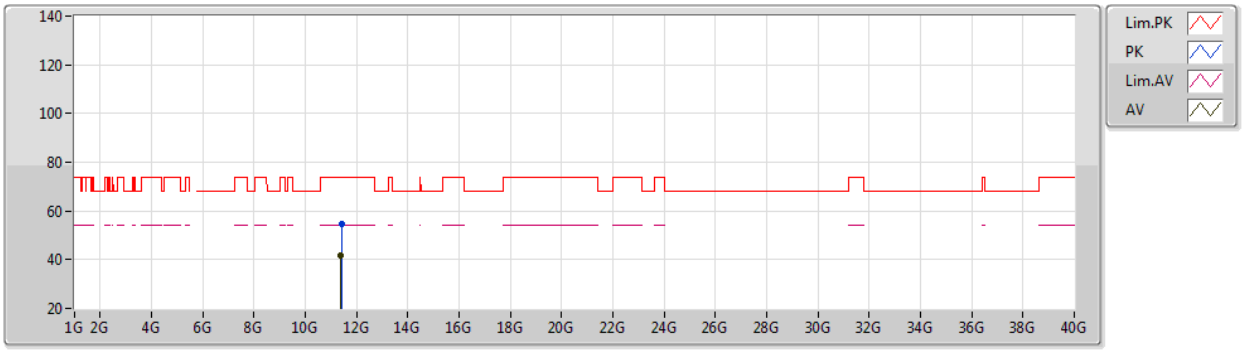
EUT Z_4TX
Setting 38
03-A-E-2

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	11.39442G	54.05	74.00	-19.95	39.49	3	Vertical	5	1.23	-	38.68	10.15	34.27
AV	11.3964G	41.49	54.00	-12.51	26.93	3	Vertical	5	1.23	-	38.68	10.15	34.27

802.11a_(6Mbps)_4TX

5700MHz_TX

01/07/2020



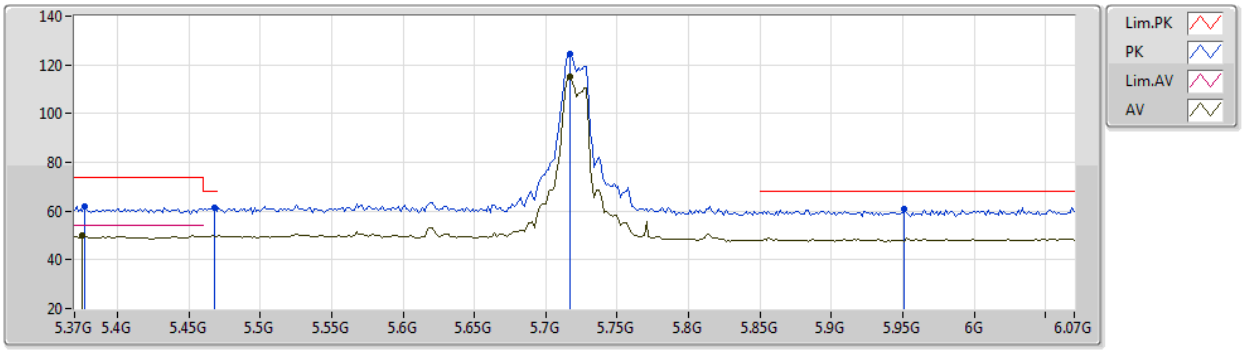
EUT Z_4TX
Setting 38
03-A-E-2

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	11.40786G	54.64	74.00	-19.36	40.07	3	Horizontal	250	2.61	-	38.69	10.15	34.27
AV	11.394G	41.54	54.00	-12.46	26.98	3	Horizontal	250	2.61	-	38.68	10.15	34.27

802.11a_(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

01/07/2020



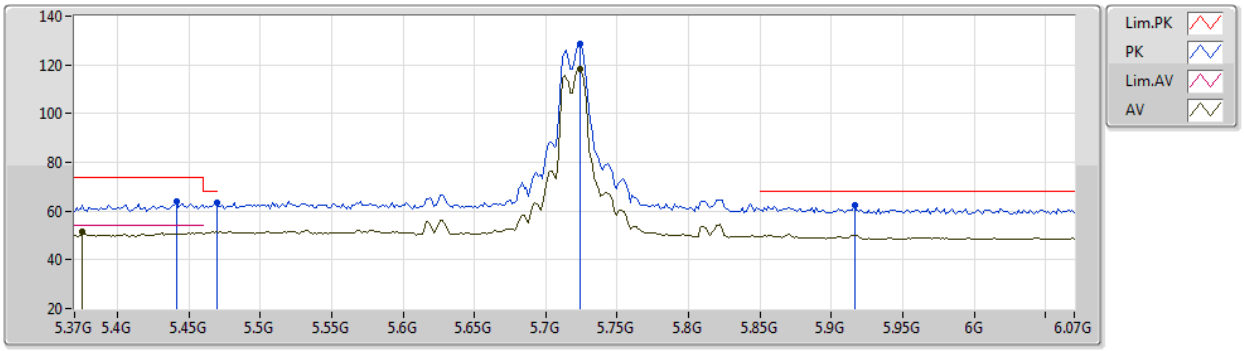
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.377G	61.84	74.00	-12.16	54.43	3	Vertical	185	1.95	-	34.28	6.91	33.78
AV	5.3756G	49.81	54.00	-4.19	42.40	3	Vertical	185	1.95	-	34.28	6.91	33.78
PK	5.468G	61.55	68.20	-6.65	53.97	3	Vertical	185	1.95	-	34.37	6.98	33.77
PK	5.7172G	124.36	Inf	-Inf	116.98	3	Vertical	185	1.95	-	34.20	7.03	33.85
AV	5.7172G	115.14	Inf	-Inf	107.76	3	Vertical	185	1.95	-	34.20	7.03	33.85
PK	5.951G	60.69	68.20	-7.51	53.02	3	Vertical	185	1.95	-	34.55	7.06	33.94

802.11a_(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

01/07/2020



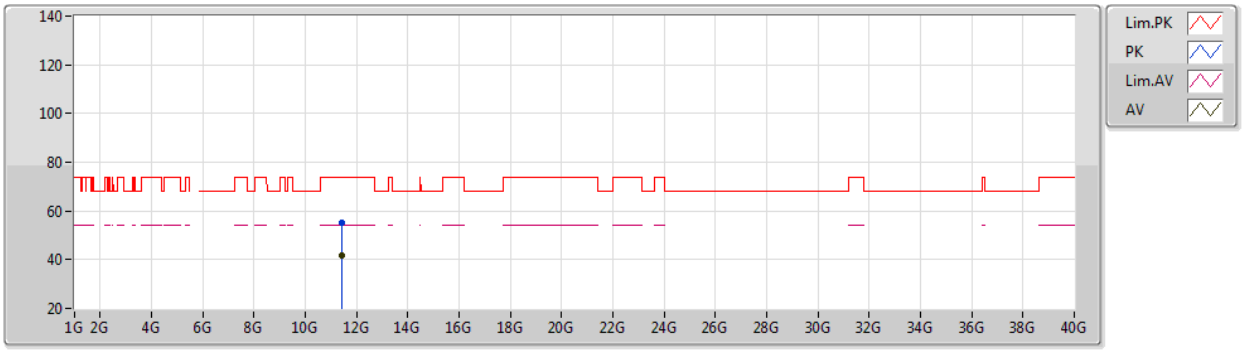
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.4414G	64.10	74.00	-9.90	56.57	3	Horizontal	182	1.89	-	34.34	6.96	33.77
AV	5.3756G	51.42	54.00	-2.58	44.01	3	Horizontal	182	1.89	-	34.28	6.91	33.78
PK	5.4694G	63.56	68.20	-4.64	55.97	3	Horizontal	182	1.89	-	34.37	6.99	33.77
PK	5.7242G	128.38	Inf	-Inf	121.00	3	Horizontal	182	1.89	-	34.20	7.03	33.85
AV	5.7242G	118.29	Inf	-Inf	110.91	3	Horizontal	182	1.89	-	34.20	7.03	33.85
PK	5.916G	62.57	68.20	-5.63	55.00	3	Horizontal	182	1.89	-	34.45	7.05	33.93

802.11a_(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

01/07/2020



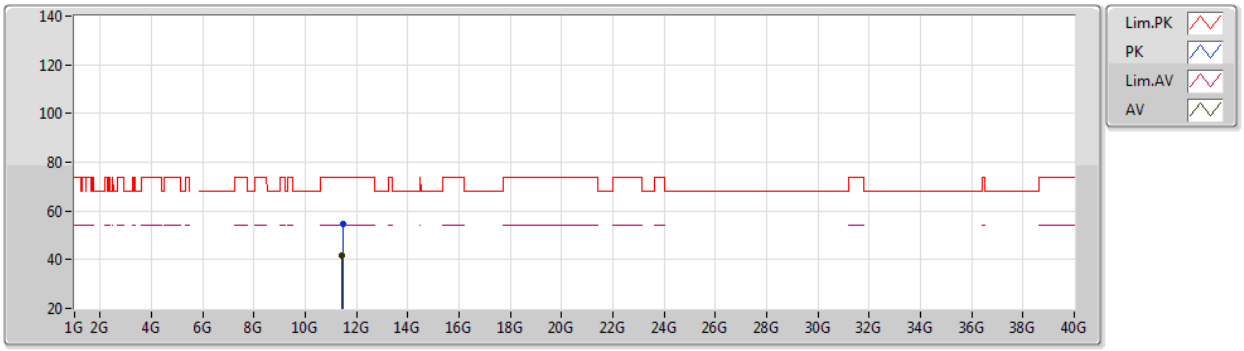
EUT Z_4TX
Setting 46
03-A-E-2

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	11.43514G	54.96	74.00	-19.04	40.37	3	Vertical	87	2.25	-	38.70	10.16	34.27
AV	11.44126G	41.53	54.00	-12.47	26.93	3	Vertical	87	2.25	-	38.71	10.16	34.27

802.11a_(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

01/07/2020



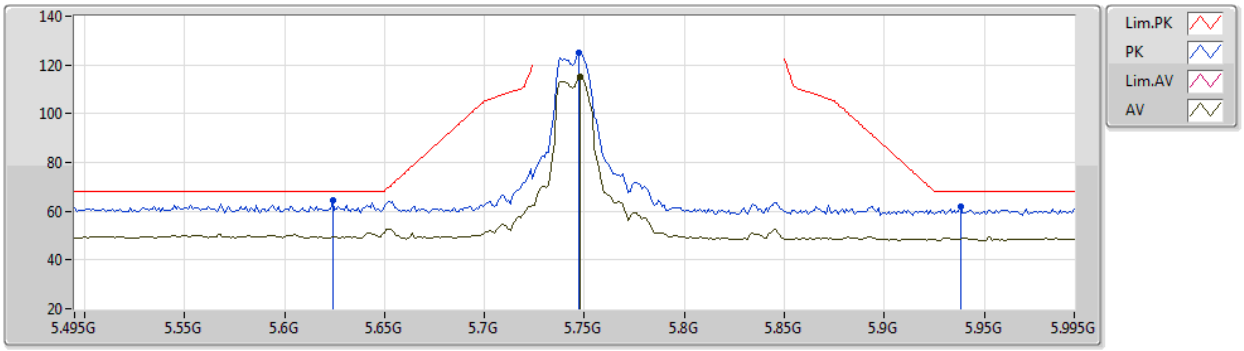
EUT Z_4TX
Setting 46
03-A-E-2

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	11.4511G	54.73	74.00	-19.27	40.12	3	Horizontal	360	1.35	-	38.72	10.16	34.27
AV	11.43934G	41.55	54.00	-12.45	26.95	3	Horizontal	360	1.35	-	38.71	10.16	34.27

802.11a_(6Mbps)_4TX

5745MHz_TX

01/07/2020



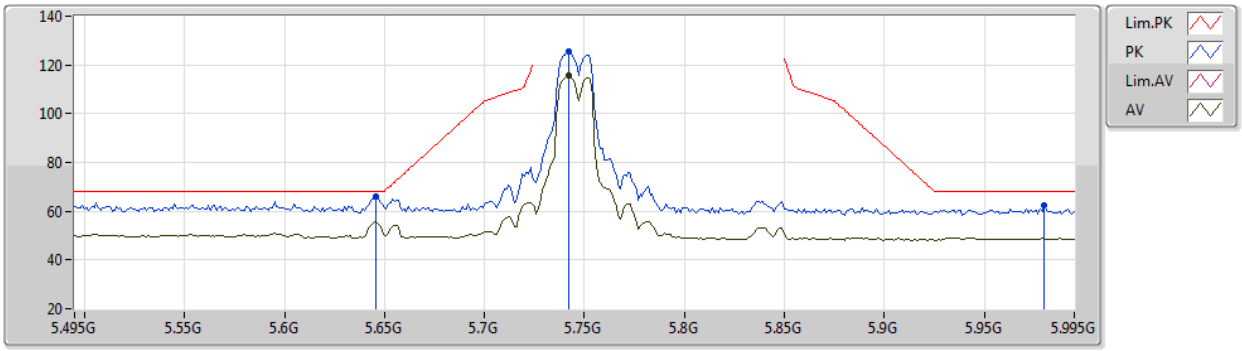
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.624G	64.61	68.20	-3.59	57.12	3	Vertical	180	1.79	-	34.28	7.02	33.81
PK	5.747G	124.76	Inf	-Inf	117.39	3	Vertical	180	1.79	-	34.20	7.03	33.86
AV	5.748G	115.18	Inf	-Inf	107.81	3	Vertical	180	1.79	-	34.20	7.03	33.86
PK	5.938G	62.00	68.20	-6.20	54.38	3	Vertical	180	1.79	-	34.51	7.05	33.94

802.11a_(6Mbps)_4TX

5745MHz_TX

01/07/2020



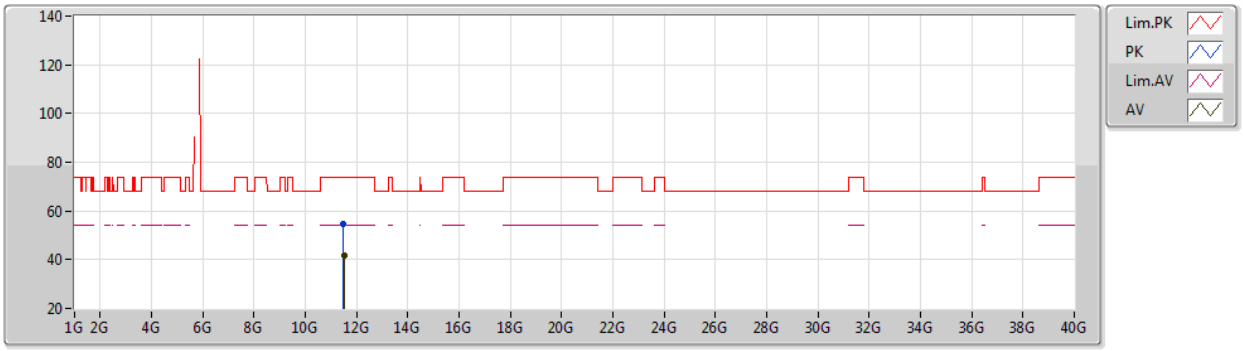
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.646G	65.83	68.20	-2.37	58.38	3	Horizontal	180	1.78	-	34.25	7.02	33.82
PK	5.742G	125.36	Inf	-Inf	117.99	3	Horizontal	180	1.78	-	34.20	7.03	33.86
AV	5.742G	115.55	Inf	-Inf	108.18	3	Horizontal	180	1.78	-	34.20	7.03	33.86
PK	5.98G	62.23	68.20	-5.97	54.48	3	Horizontal	180	1.78	-	34.64	7.06	33.95

802.11a_(6Mbps)_4TX

5745MHz_TX

01/07/2020



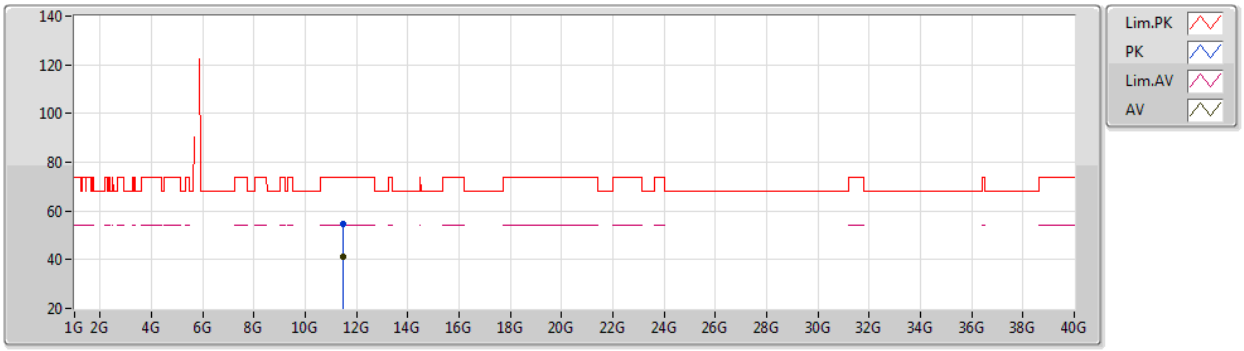
EUT Z_4TX
Setting 46
03-A-E-2

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	11.48544G	54.77	74.00	-19.23	40.14	3	Vertical	22	3.00	-	38.74	10.16	34.27
AV	11.5026G	41.60	54.00	-12.40	26.96	3	Vertical	22	3.00	-	38.75	10.17	34.28

802.11a_(6Mbps)_4TX

5745MHz_TX

01/07/2020



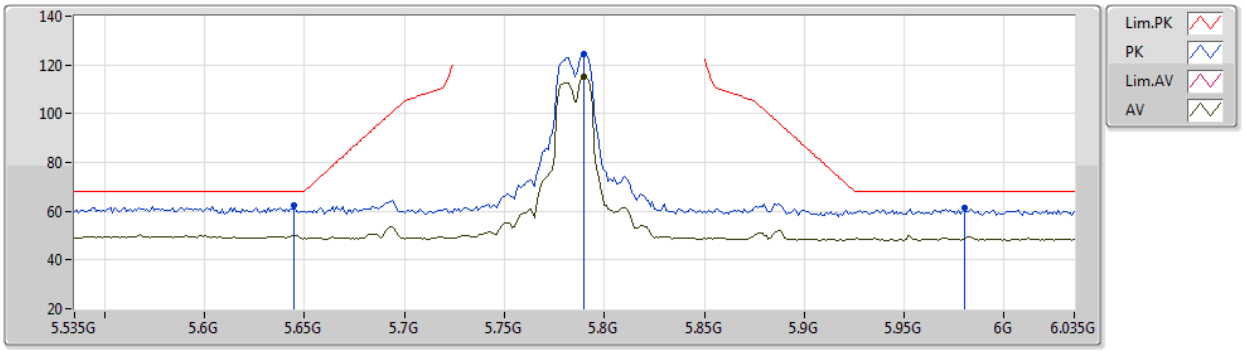
EUT Z_4TX
Setting 46
03-A-E-2

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	11.49096G	54.64	74.00	-19.36	40.01	3	Horizontal	360	2.78	-	38.74	10.16	34.27
AV	11.4957G	41.40	54.00	-12.60	26.76	3	Horizontal	360	2.78	-	38.75	10.16	34.27

802.11a_(6Mbps)_4TX

5785MHz_TX

01/07/2020



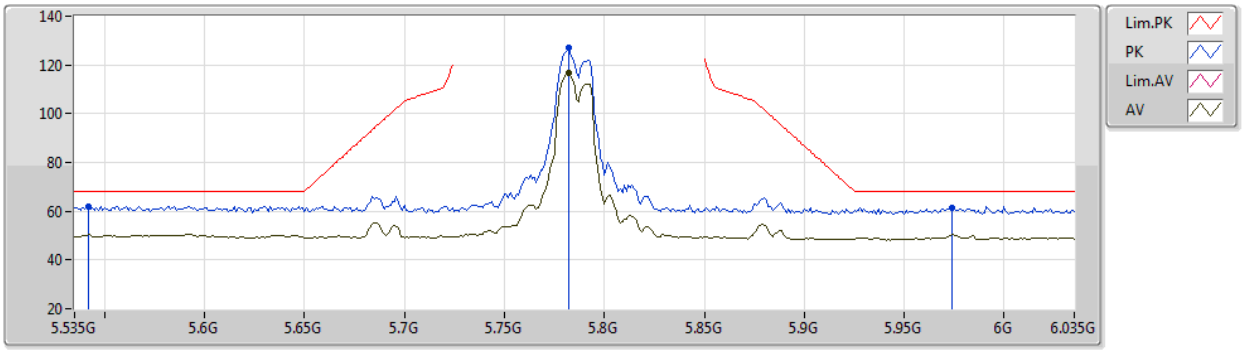
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.645G	62.18	68.20	-6.02	54.72	3	Vertical	176	1.77	-	34.26	7.02	33.82
PK	5.79G	124.26	Inf	-Inf	116.90	3	Vertical	176	1.77	-	34.20	7.04	33.88
AV	5.79G	114.95	Inf	-Inf	107.59	3	Vertical	176	1.77	-	34.20	7.04	33.88
PK	5.98G	61.21	68.20	-6.99	53.46	3	Vertical	176	1.77	-	34.64	7.06	33.95

802.11a_(6Mbps)_4TX

5785MHz_TX

01/07/2020



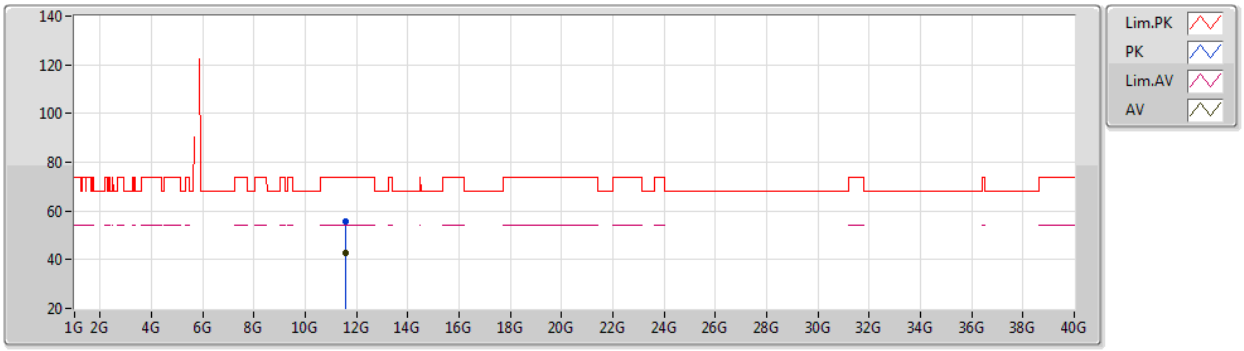
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.542G	62.15	68.20	-6.05	54.56	3	Horizontal	180	1.73	-	34.36	7.01	33.78
PK	5.782G	126.96	Inf	-Inf	119.59	3	Horizontal	180	1.73	-	34.20	7.04	33.87
AV	5.782G	116.65	Inf	-Inf	109.28	3	Horizontal	180	1.73	-	34.20	7.04	33.87
PK	5.974G	61.41	68.20	-6.79	53.68	3	Horizontal	180	1.73	-	34.62	7.06	33.95

802.11a_(6Mbps)_4TX

5785MHz_TX

01/07/2020



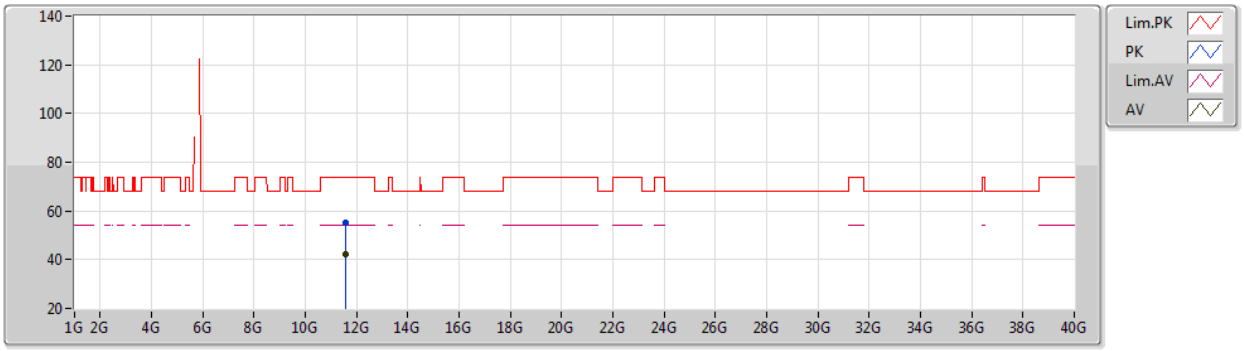
EUT Z_4TX
Setting 46
03-A-E-2

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	11.56574G	55.69	74.00	-18.31	41.00	3	Vertical	198	1.77	-	38.80	10.17	34.28
AV	11.57642G	42.92	54.00	-11.08	28.23	3	Vertical	198	1.77	-	38.80	10.17	34.28

802.11a_(6Mbps)_4TX

5785MHz_TX

01/07/2020



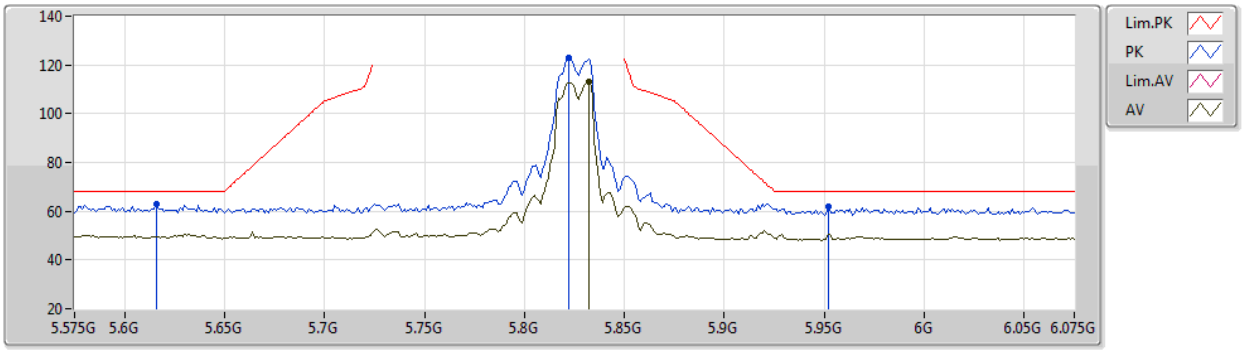
EUT Z_4TX
Setting 46
03-A-E-2

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	11.57924G	55.33	74.00	-18.67	40.62	3	Horizontal	138	1.65	-	38.81	10.18	34.28
AV	11.5682G	42.16	54.00	-11.84	27.47	3	Horizontal	138	1.65	-	38.80	10.17	34.28

802.11a_(6Mbps)_4TX

5825MHz_TX

01/07/2020



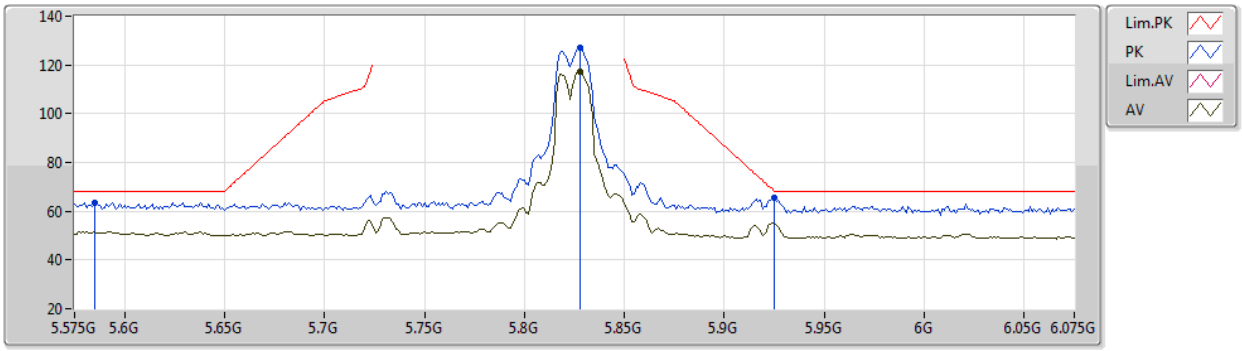
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.616G	63.07	68.20	-5.13	55.58	3	Vertical	180	1.80	-	34.28	7.02	33.81
PK	5.822G	122.68	Inf	-Inf	115.29	3	Vertical	180	1.80	-	34.24	7.04	33.89
AV	5.832G	113.24	Inf	-Inf	105.83	3	Vertical	180	1.80	-	34.26	7.04	33.89
PK	5.952G	62.11	68.20	-6.09	54.43	3	Vertical	180	1.80	-	34.56	7.06	33.94

802.11a_(6Mbps)_4TX

5825MHz_TX

01/07/2020



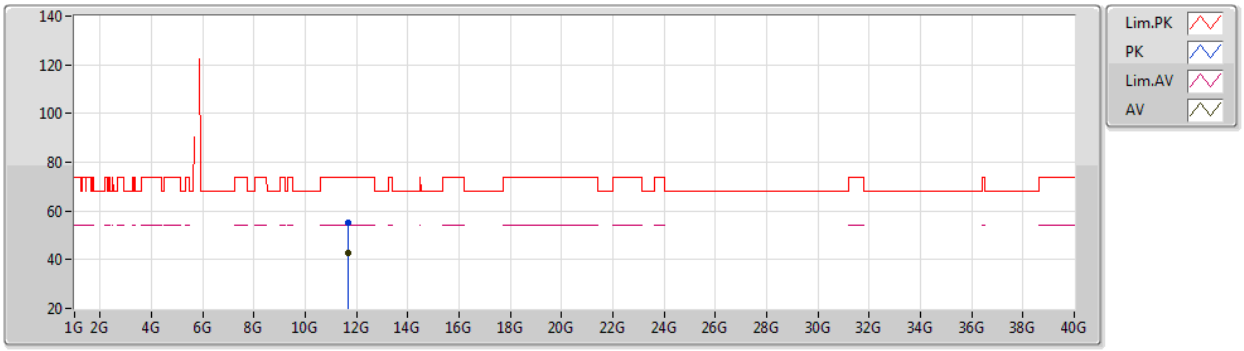
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.585G	63.59	68.20	-4.61	56.05	3	Horizontal	181	1.92	-	34.31	7.02	33.79
PK	5.828G	127.04	Inf	-Inf	119.63	3	Horizontal	181	1.92	-	34.26	7.04	33.89
AV	5.828G	117.12	Inf	-Inf	109.71	3	Horizontal	181	1.92	-	34.26	7.04	33.89
PK	5.925G	65.51	68.20	-2.69	57.91	3	Horizontal	181	1.92	-	34.48	7.05	33.93

802.11a_(6Mbps)_4TX

5825MHz_TX

01/07/2020



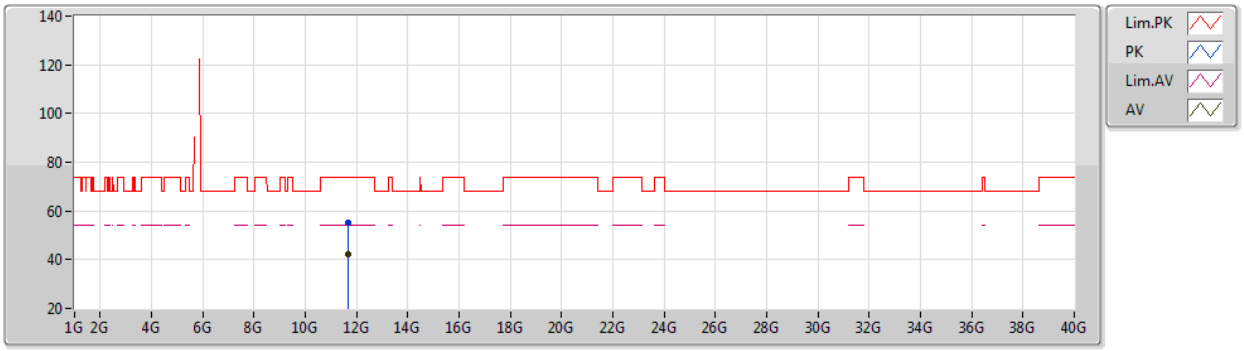
EUT Z_4TX
Setting 46
03-A-E-2

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	11.65744G	55.01	74.00	-18.99	40.25	3	Vertical	205	1.80	-	38.86	10.19	34.29
AV	11.65618G	42.55	54.00	-11.45	27.79	3	Vertical	205	1.80	-	38.86	10.19	34.29

802.11a_(6Mbps)_4TX

5825MHz_TX

01/07/2020



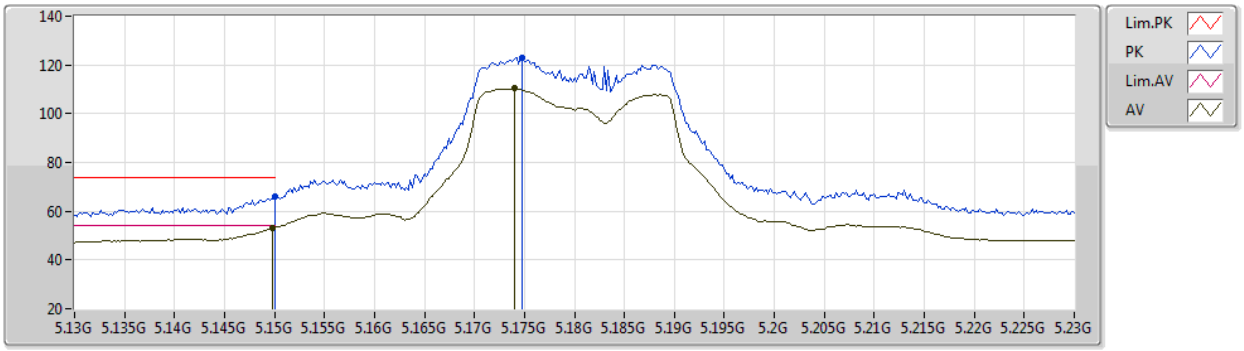
EUT Z_4TX
Setting 46
03-A-E-2

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	11.66236G	55.14	74.00	-18.86	40.38	3	Horizontal	147	1.58	-	38.86	10.19	34.29
AV	11.64994G	42.47	54.00	-11.53	27.73	3	Horizontal	147	1.58	-	38.85	10.18	34.29

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

01/07/2020



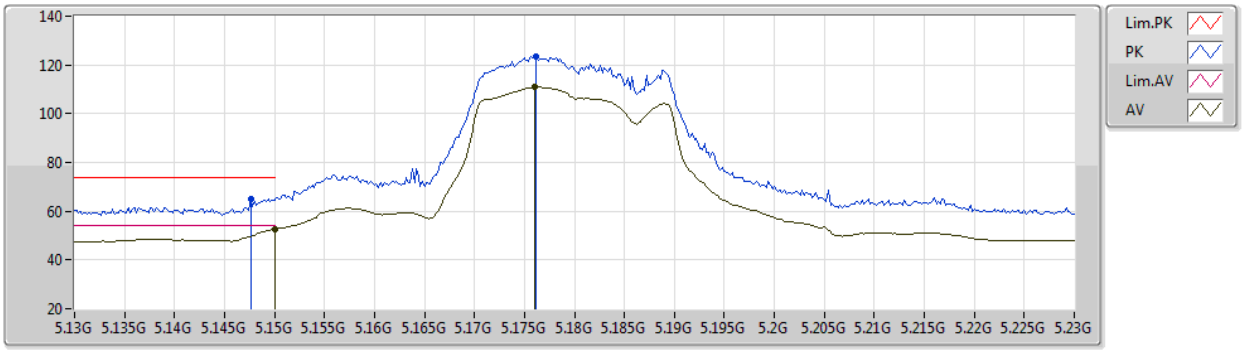
EUT Z_4TX
Setting 40
03-A-E-2-10

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	65.98	74.00	-8.02	59.19	3	Vertical	179	1.87	-	33.90	6.73	33.84
AV	5.1498G	52.95	54.00	-1.05	46.16	3	Vertical	179	1.87	-	33.90	6.73	33.84
PK	5.1748G	122.78	Inf	-Inf	115.97	3	Vertical	179	1.87	-	33.90	6.75	33.84
AV	5.174G	110.27	Inf	-Inf	103.46	3	Vertical	179	1.87	-	33.90	6.75	33.84

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

01/07/2020



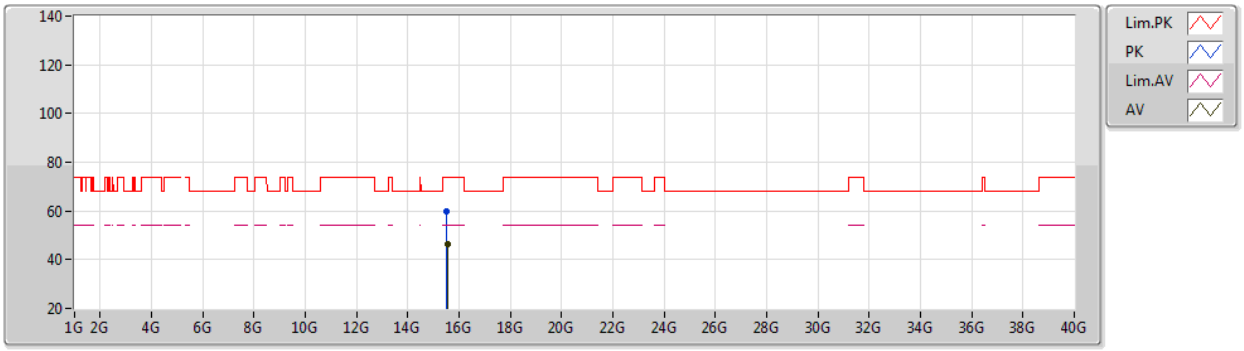
EUT Z_4TX
Setting 40
03-A-E-2-10

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	5.1476G	64.83	74.00	-9.17	58.04	3	Horizontal	191	1.92	-	33.90	6.73	33.84
AV	5.15G	52.70	54.00	-1.30	45.91	3	Horizontal	191	1.92	-	33.90	6.73	33.84
PK	5.1762G	123.44	Inf	-Inf	116.62	3	Horizontal	191	1.92	-	33.90	6.75	33.83
AV	5.176G	110.87	Inf	-Inf	104.05	3	Horizontal	191	1.92	-	33.90	6.75	33.83

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

01/07/2020



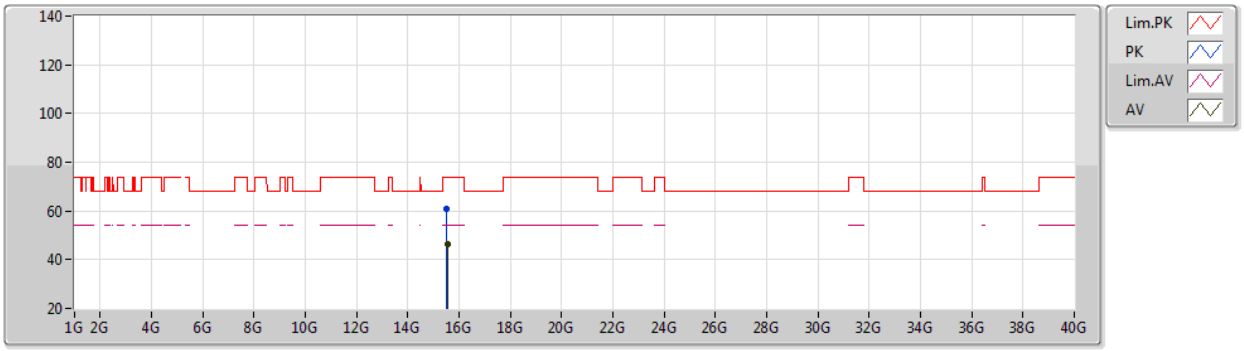
EUT Z_4TX
Setting 40
03-A-E-2

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	15.53274G	59.92	74.00	-14.08	43.92	3	Vertical	5	2.52	-	38.90	11.62	34.52
AV	15.53442G	46.44	54.00	-7.56	30.44	3	Vertical	5	2.52	-	38.90	11.62	34.52

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

01/07/2020



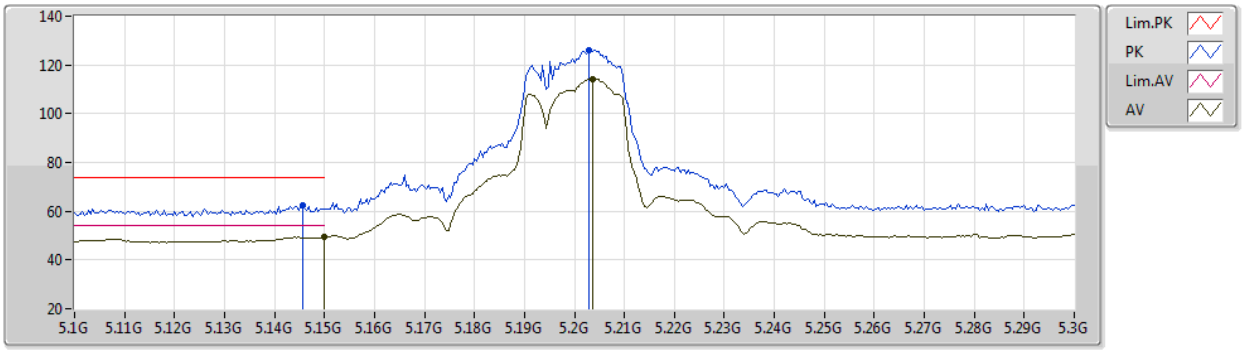
EUT Z_4TX
Setting 40
03-A-E-2

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	15.52632G	60.78	74.00	-13.22	44.77	3	Horizontal	155	1.85	-	38.92	11.62	34.53
AV	15.53544G	46.44	54.00	-7.56	30.45	3	Horizontal	155	1.85	-	38.89	11.62	34.52

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

01/07/2020



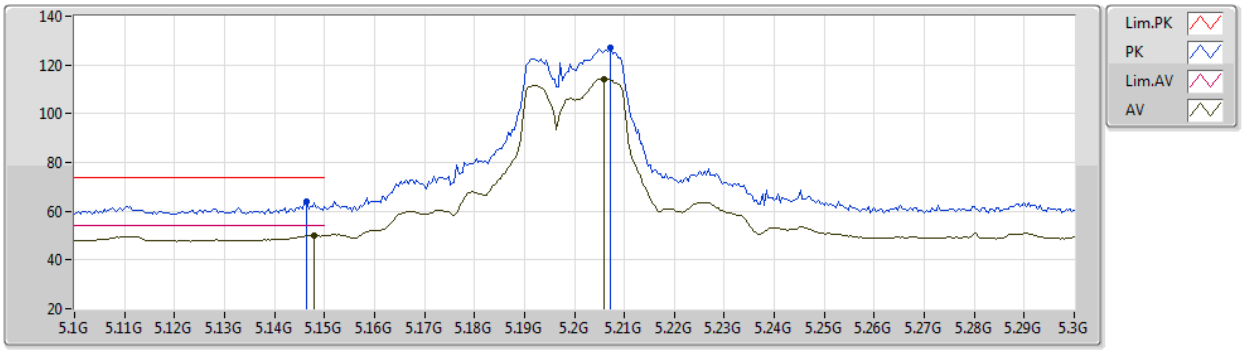
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.1456G	62.50	74.00	-11.50	55.71	3	Vertical	173	1.98	-	33.90	6.73	33.84
AV	5.15G	49.53	54.00	-4.47	42.74	3	Vertical	173	1.98	-	33.90	6.73	33.84
PK	5.2028G	125.79	Inf	-Inf	118.94	3	Vertical	173	1.98	-	33.91	6.77	33.83
AV	5.2036G	114.24	Inf	-Inf	107.39	3	Vertical	173	1.98	-	33.91	6.77	33.83

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

01/07/2020



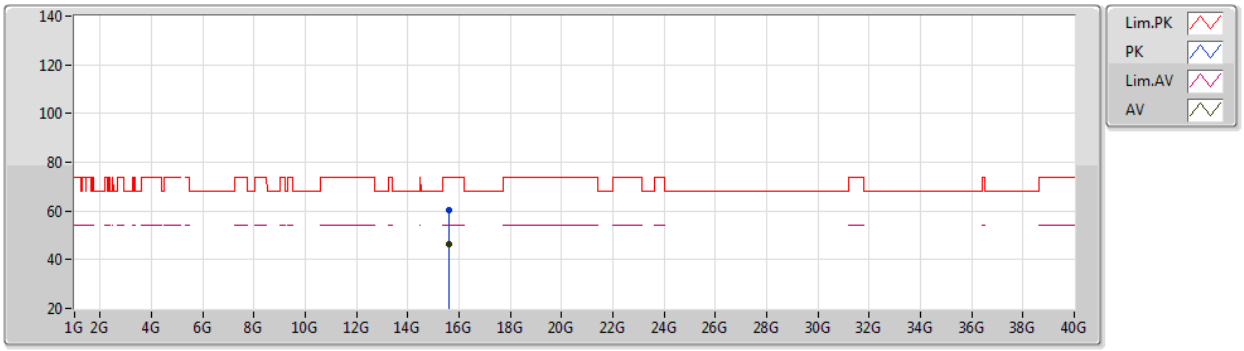
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.1464G	63.79	74.00	-10.21	57.00	3	Horizontal	185	1.76	-	33.90	6.73	33.84
AV	5.148G	50.06	54.00	-3.94	43.27	3	Horizontal	185	1.76	-	33.90	6.73	33.84
PK	5.2072G	126.92	Inf	-Inf	120.05	3	Horizontal	185	1.76	-	33.92	6.78	33.83
AV	5.206G	114.38	Inf	-Inf	107.51	3	Horizontal	185	1.76	-	33.92	6.78	33.83

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

01/07/2020



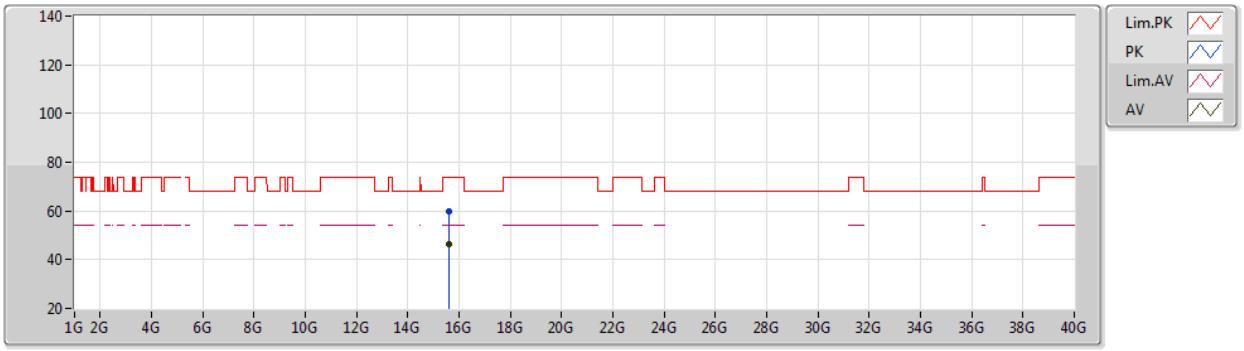
EUT Z_4TX
Setting 46
03-A-E-2

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	15.594G	60.47	74.00	-13.53	44.61	3	Vertical	117	2.86	-	38.72	11.65	34.51
AV	15.60348G	46.41	54.00	-7.59	30.57	3	Vertical	117	2.86	-	38.69	11.66	34.51

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

01/07/2020



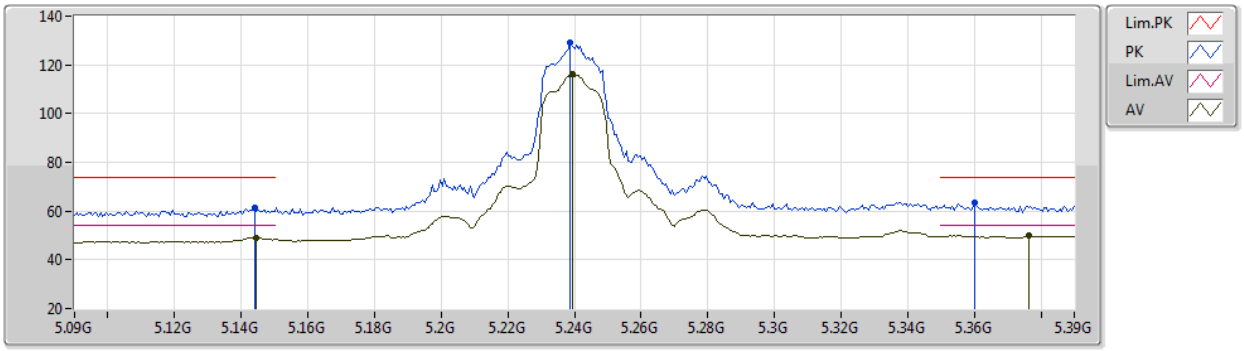
EUT Z_4TX
Setting 46
03-A-E-2

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	15.6072G	59.71	74.00	-14.29	43.88	3	Horizontal	46	2.31	-	38.68	11.66	34.51
AV	15.59874G	46.40	54.00	-7.60	30.55	3	Horizontal	46	2.31	-	38.70	11.66	34.51

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

01/07/2020



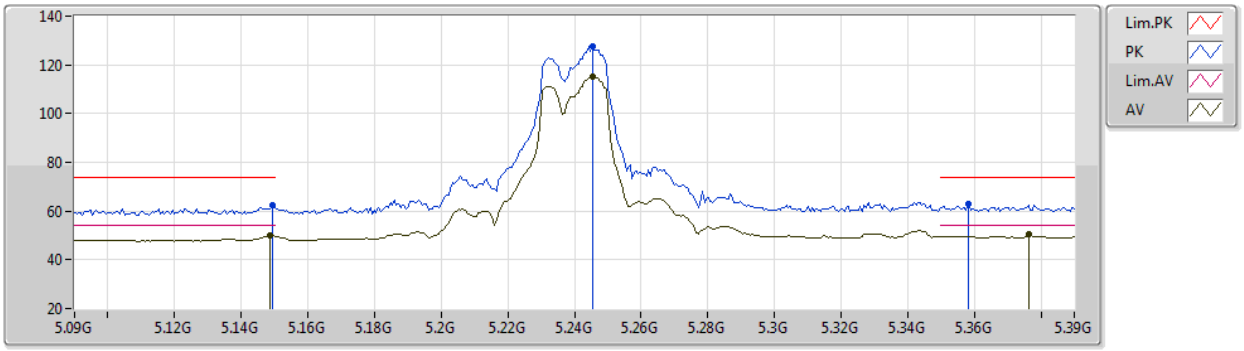
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.144G	61.18	74.00	-12.82	54.39	3	Vertical	178	1.99	-	33.90	6.73	33.84
AV	5.1446G	48.98	54.00	-5.02	42.19	3	Vertical	178	1.99	-	33.90	6.73	33.84
PK	5.2388G	129.39	Inf	-Inf	122.39	3	Vertical	178	1.99	-	34.02	6.80	33.82
AV	5.2394G	116.11	Inf	-Inf	109.10	3	Vertical	178	1.99	-	34.02	6.81	33.82
PK	5.36G	63.59	74.00	-10.41	56.22	3	Vertical	178	1.99	-	34.26	6.90	33.79
AV	5.3762G	49.83	54.00	-4.17	42.42	3	Vertical	178	1.99	-	34.28	6.91	33.78

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

01/07/2020



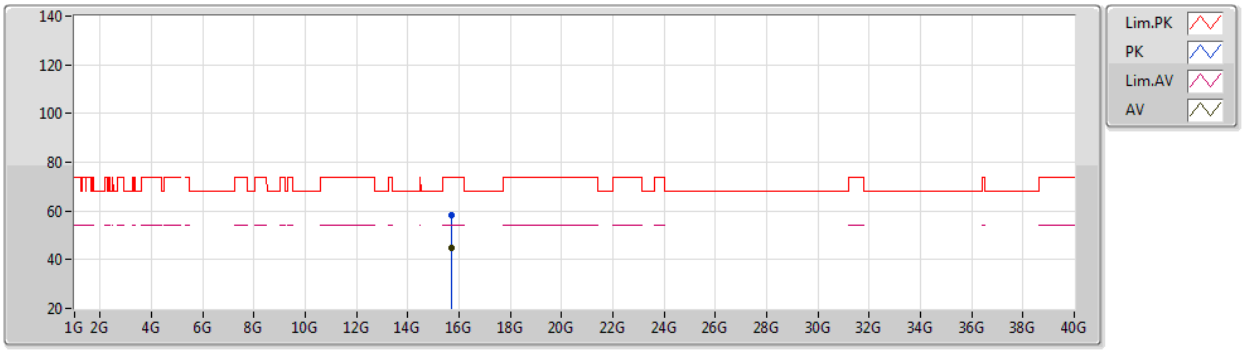
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.1494G	62.33	74.00	-11.67	55.54	3	Horizontal	185	1.80	-	33.90	6.73	33.84
AV	5.1488G	49.81	54.00	-4.19	43.02	3	Horizontal	185	1.80	-	33.90	6.73	33.84
PK	5.2454G	127.63	Inf	-Inf	120.60	3	Horizontal	185	1.80	-	34.04	6.81	33.82
AV	5.2454G	115.22	Inf	-Inf	108.19	3	Horizontal	185	1.80	-	34.04	6.81	33.82
PK	5.3582G	62.85	74.00	-11.15	55.48	3	Horizontal	185	1.80	-	34.26	6.90	33.79
AV	5.3762G	50.71	54.00	-3.29	43.30	3	Horizontal	185	1.80	-	34.28	6.91	33.78

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

01/07/2020



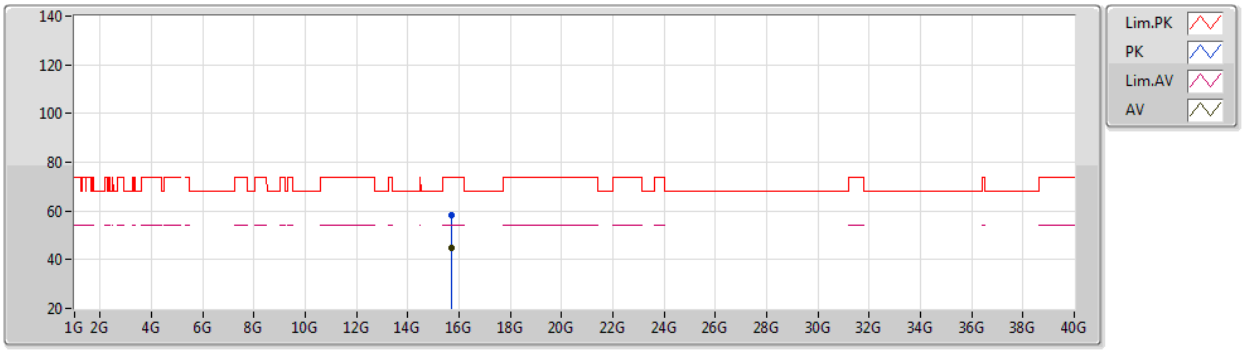
EUT Z_4TX
Setting 46
03-A-E-2

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	15.70674G	58.38	74.00	-15.62	42.79	3	Vertical	161	1.80	-	38.38	11.71	34.50
AV	15.70536G	44.74	54.00	-9.26	29.15	3	Vertical	161	1.80	-	38.38	11.71	34.50

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

01/07/2020



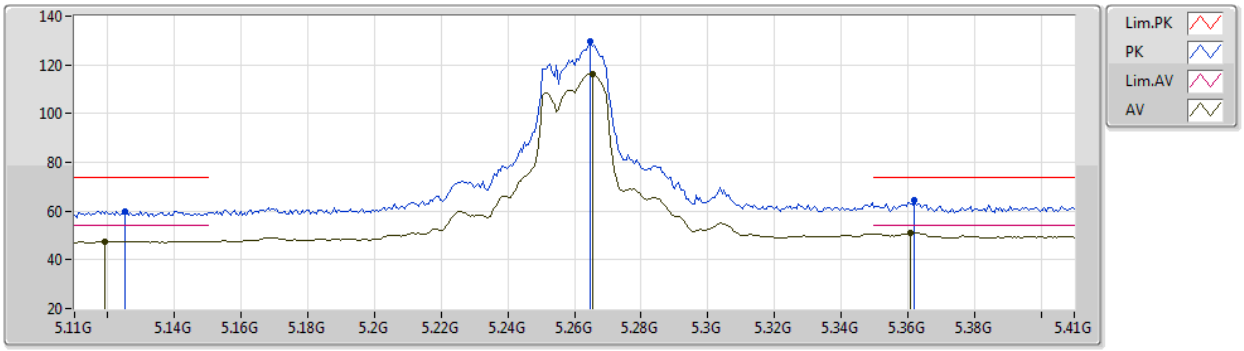
EUT Z_4TX
Setting 46
03-A-E-2

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	15.72402G	58.10	74.00	-15.90	42.54	3	Horizontal	127	1.80	-	38.33	11.72	34.49
AV	15.70752G	44.79	54.00	-9.21	29.20	3	Horizontal	127	1.80	-	38.38	11.71	34.50

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

01/07/2020



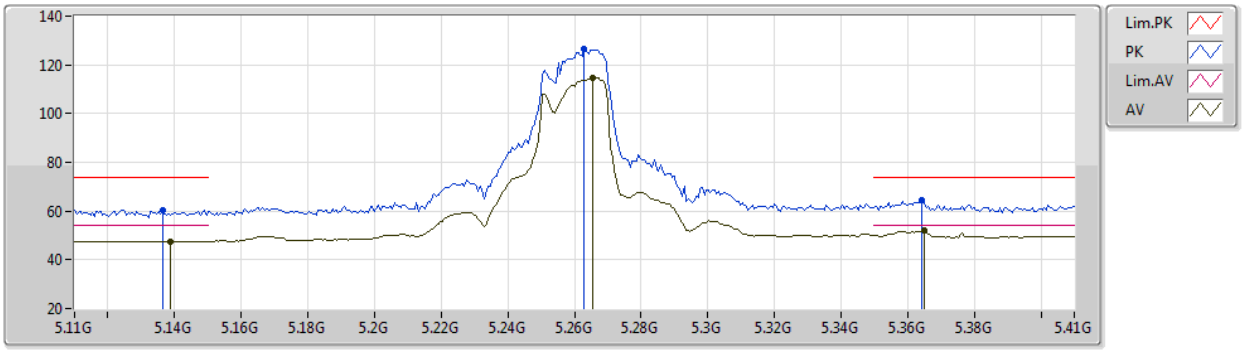
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.125G	59.78	74.00	-14.22	53.00	3	Vertical	182	1.80	-	33.90	6.72	33.84
AV	5.119G	47.52	54.00	-6.48	40.76	3	Vertical	182	1.80	-	33.90	6.71	33.85
PK	5.2648G	129.59	Inf	-Inf	122.48	3	Vertical	182	1.80	-	34.09	6.83	33.81
AV	5.2654G	116.16	Inf	-Inf	109.04	3	Vertical	182	1.80	-	34.10	6.83	33.81
PK	5.362G	64.74	74.00	-9.26	57.37	3	Vertical	182	1.80	-	34.26	6.90	33.79
AV	5.3608G	51.02	54.00	-2.98	43.65	3	Vertical	182	1.80	-	34.26	6.90	33.79

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

01/07/2020



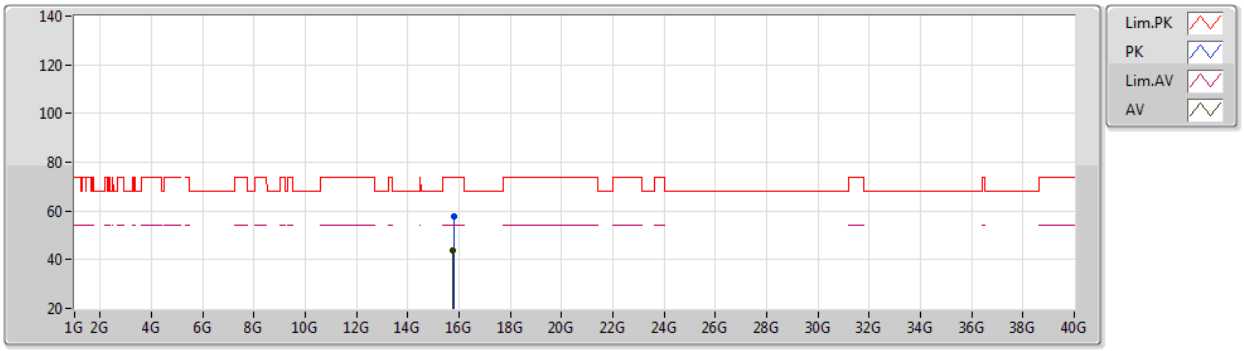
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.1364G	60.29	74.00	-13.71	53.50	3	Horizontal	168	1.80	-	33.90	6.73	33.84
AV	5.1388G	47.63	54.00	-6.37	40.84	3	Horizontal	168	1.80	-	33.90	6.73	33.84
PK	5.263G	126.49	Inf	-Inf	119.38	3	Horizontal	168	1.80	-	34.09	6.83	33.81
AV	5.2654G	114.59	Inf	-Inf	107.47	3	Horizontal	168	1.80	-	34.10	6.83	33.81
PK	5.3644G	64.40	74.00	-9.60	57.02	3	Horizontal	168	1.80	-	34.26	6.91	33.79
AV	5.365G	52.05	54.00	-1.95	44.66	3	Horizontal	168	1.80	-	34.27	6.91	33.79

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

01/07/2020



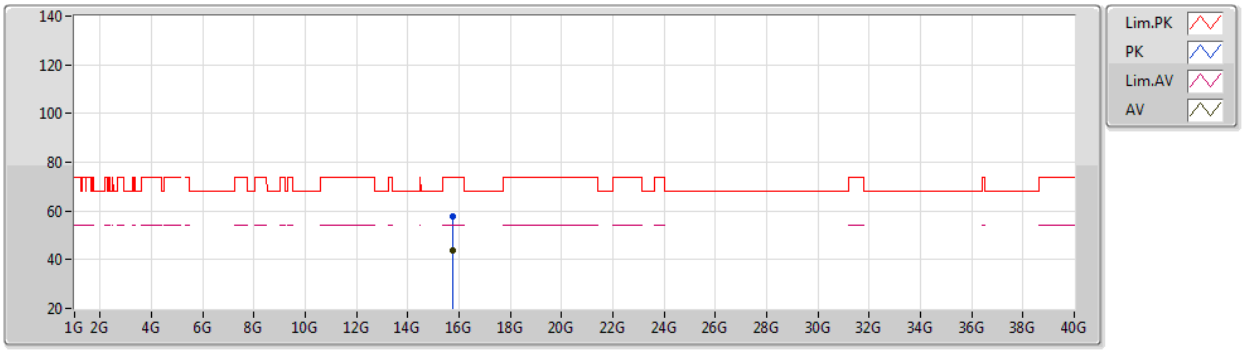
EUT Z_4TX
Setting 46
03-A-E-2

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	15.77952G	57.69	74.00	-16.31	42.27	3	Vertical	221	2.21	-	38.16	11.75	34.49
AV	15.7656G	43.95	54.00	-10.05	28.50	3	Vertical	221	2.21	-	38.20	11.74	34.49

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

01/07/2020



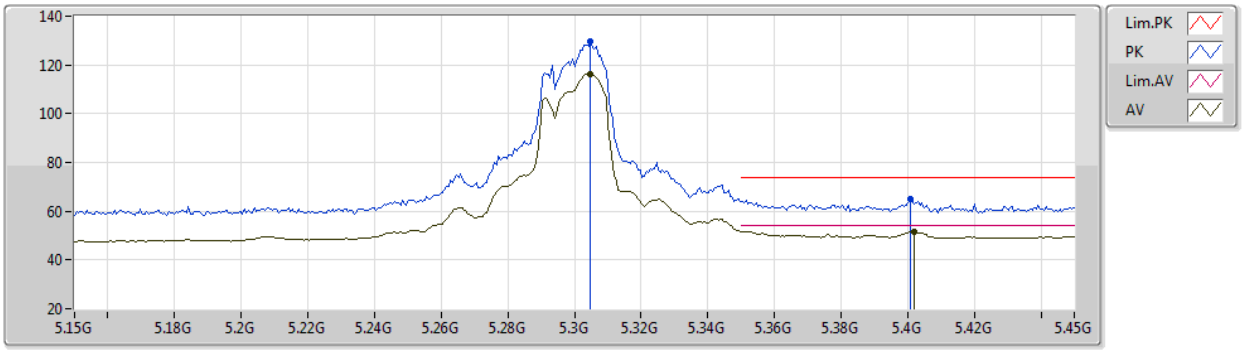
EUT Z_4TX
Setting 46
03-A-E-2

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	15.76944G	57.54	74.00	-16.46	42.10	3	Horizontal	234	2.19	-	38.19	11.74	34.49
AV	15.7662G	43.88	54.00	-10.12	28.43	3	Horizontal	234	2.19	-	38.20	11.74	34.49

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

01/07/2020



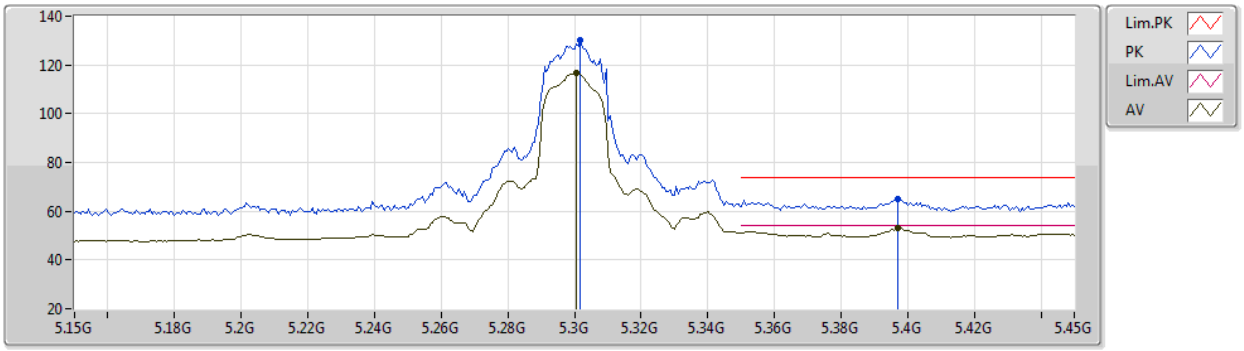
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.3048G	129.89	Inf	-Inf	122.63	3	Vertical	181	1.78	-	34.20	6.86	33.80
AV	5.3048G	116.41	Inf	-Inf	109.15	3	Vertical	181	1.78	-	34.20	6.86	33.80
PK	5.4008G	64.99	74.00	-9.01	57.54	3	Vertical	181	1.78	-	34.30	6.93	33.78
AV	5.402G	51.68	54.00	-2.32	44.23	3	Vertical	181	1.78	-	34.30	6.93	33.78

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

01/07/2020



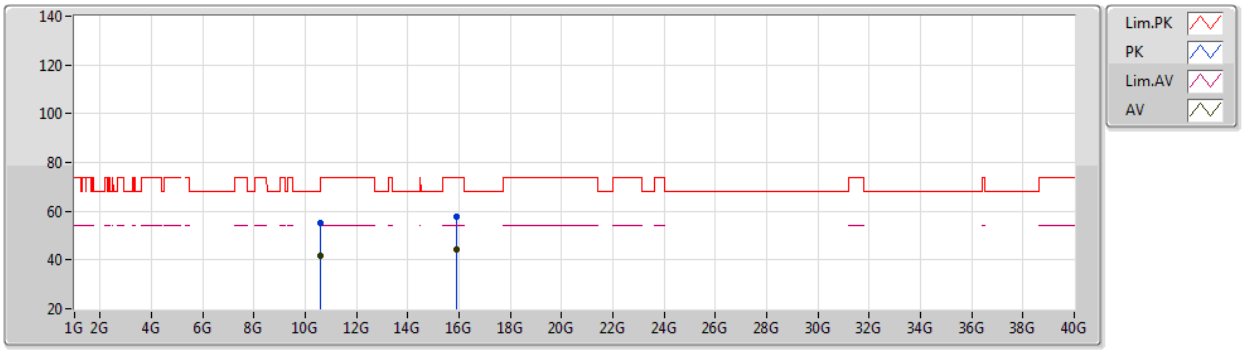
EUT Z_4TX
Setting 46
03-A-E-2-10

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	5.3018G	130.03	Inf	-Inf	122.77	3	Horizontal	179	1.90	-	34.20	6.86	33.80
AV	5.3006G	116.54	Inf	-Inf	109.28	3	Horizontal	179	1.90	-	34.20	6.86	33.80
PK	5.3972G	64.92	74.00	-9.08	57.47	3	Horizontal	179	1.90	-	34.30	6.93	33.78
AV	5.3972G	53.05	54.00	-0.95	45.60	3	Horizontal	179	1.90	-	34.30	6.93	33.78

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

01/07/2020



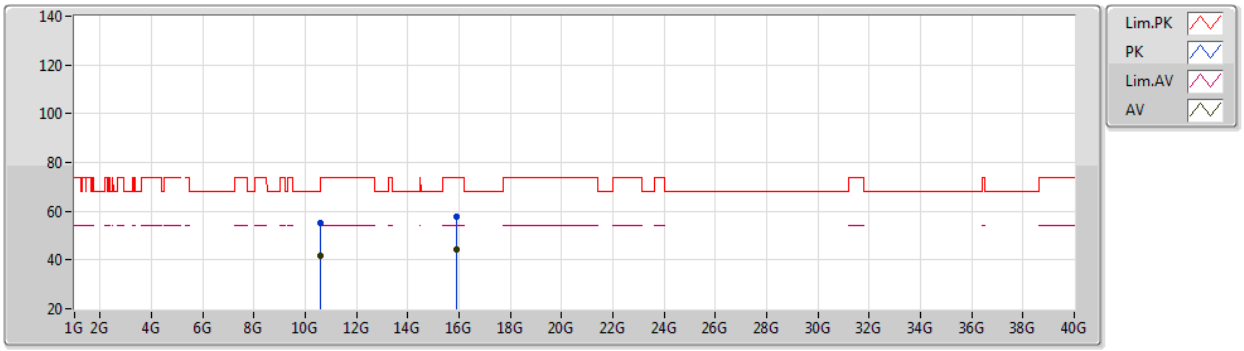
EUT Z_4TX
Setting 46
03-A-E-2

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	10.61062G	54.99	74.00	-19.01	40.81	3	Vertical	164	1.02	-	38.36	10.04	34.22
AV	10.61368G	41.56	54.00	-12.44	27.38	3	Vertical	164	1.02	-	38.36	10.04	34.22
PK	15.89574G	57.54	74.00	-16.46	42.39	3	Vertical	310	2.65	-	37.81	11.81	34.47
AV	15.90228G	44.35	54.00	-9.65	29.22	3	Vertical	310	2.65	-	37.79	11.81	34.47

802.11ax HEW20_Nss1,(MCS0)_4TX

5300MHz_TX

01/07/2020



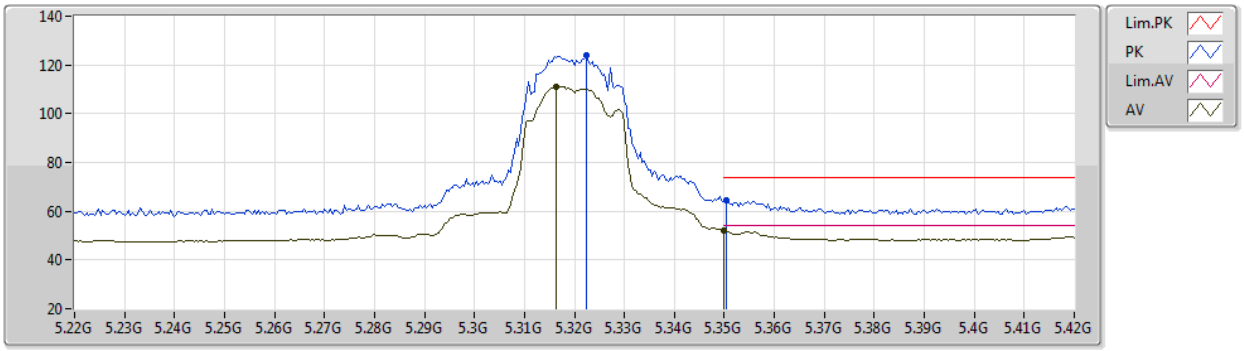
EUT Z_4TX
Setting 46
03-A-E-2

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	10.60876G	55.01	74.00	-18.99	40.83	3	Horizontal	98	1.36	-	38.36	10.04	34.22
AV	10.61287G	41.52	54.00	-12.48	27.34	3	Horizontal	98	1.36	-	38.36	10.04	34.22
PK	15.88698G	57.85	74.00	-16.15	42.68	3	Horizontal	311	2.46	-	37.84	11.80	34.47
AV	15.8991G	44.31	54.00	-9.69	29.17	3	Horizontal	311	2.46	-	37.80	11.81	34.47

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

01/07/2020



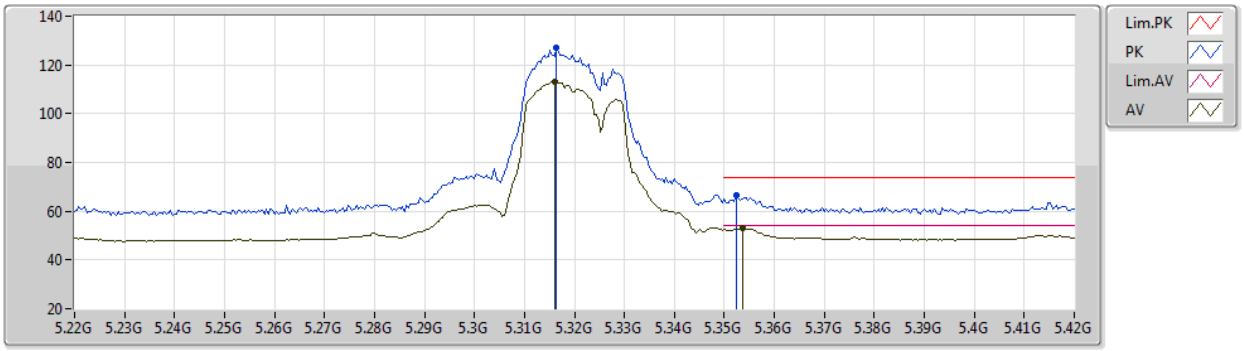
EUT Z_4TX
Setting 39
03-A-E-2-10

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	5.3224G	123.99	Inf	-Inf	116.69	3	Vertical	177	1.86	-	34.22	6.88	33.80
AV	5.3164G	111.17	Inf	-Inf	103.88	3	Vertical	177	1.86	-	34.22	6.87	33.80
PK	5.3504G	64.42	74.00	-9.58	57.06	3	Vertical	177	1.86	-	34.25	6.90	33.79
AV	5.35G	52.13	54.00	-1.87	44.77	3	Vertical	177	1.86	-	34.25	6.90	33.79

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

01/07/2020



EUT Z_4TX
Setting 39
03-A-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	5.3164G	126.82	Inf	-Inf	119.53	3	Horizontal	169	1.93	-	34.22	6.87	33.80
AV	5.316G	113.06	Inf	-Inf	105.77	3	Horizontal	169	1.93	-	34.22	6.87	33.80
PK	5.3524G	66.64	74.00	-7.36	59.28	3	Horizontal	169	1.93	-	34.25	6.90	33.79
AV	5.3536G	53.19	54.00	-0.81	45.83	3	Horizontal	169	1.93	-	34.25	6.90	33.79