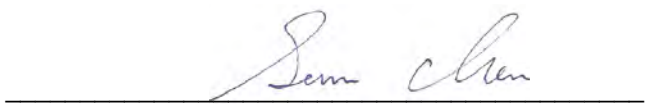
FCC RADIO TEST REPORT

FCC ID	:	**UIDW31**
Equipment	:	**Wireless Router**
Brand Name	:	**ARRIS**
Model Name	:	**W31, W30**
Applicant	:	**ARRIS** **3871 Lakefield Drive Suite 300,Suwanee, Georgia, 30024 United States**
Manufacturer	:	**ARRIS** **3871 Lakefield Drive Suite 300,Suwanee, Georgia, 30024 United States**
Standard	:	**47 CFR FCC Part 15.407**

The product was received on Sep. 13, 2018, and testing was started from Sep. 13, 2018 and completed on Jan. 02, 2019. 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

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: Sam Chen

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
FR842742-03AB	01	Initial issue of report	Jun. 28, 2019

Summary of Test Result

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

Declaration of Conformity:

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

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Cindy Peng

1 General Description

1.1 Information

1.1.1 RF General Information

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

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

5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX

5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 and VHT160 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.
- Nss-Min is the minimum number of spatial streams.
- Nant is the number of outputs. e.g., 2(2,3) means have 2 outputs for port 2 and port 3. 2 means have 2 outputs for port 1 and port 2.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	PEGATRON	RFPCA2620-01_Rev02	Dual band PCB dipole antenna	I-PEX	Note
2	PEGATRON	RFPCA2620-02_Rev02	Dual band PCB dipole antenna	I-PEX	
3	PEGATRON	RFPCA2620-03_Rev01	Dual band PCB dipole antenna	I-PEX	
4	PEGATRON	RFPCA2620-04_Rev02	Dual band PCB dipole antenna	I-PEX	
5	PEGATRON	RFPCA2307-02 Rev02	PCB dipole antenna	I-PEX	
6	PEGATRON	RFPCA2211-03 Rev01	PCB dipole antenna	I-PEX	
7	PEGATRON	RFPCA2211-04 Rev02	PCB dipole antenna	I-PEX	
8	PEGATRON	RFPCA1806-03 Rev01	PCB dipole antenna	I-PEX	
9	PEGATRON	RFPCA3508-05_Rev02	PCB antenna	I-PEX	
10	PEGATRON	RFPCA1806-03 Rev01	PCB dipole antenna	I-PEX	

Note:

Ant.	Port	Uncorrelated (dBi)			Correlated (dBi)			(dBi)
		2.4GHz	5GHz Band 1~2	5GHz Band 3~4	2.4GHz	5GHz Band 1~2	5GHz Band 3~4	Bluetooth
1	1	4.22	5.71	-	5.35	6.23		-
2	2	4.22	5.71	-	5.35	6.23		-
3	3	4.22	5.71	-	5.35	6.23		-
4	4	4.22	5.71	-	5.35	6.23		-
5	1	-	-	5.82	-	-	6.93	-
6	2	-	-	5.82	-	-	6.93	-
7	3	-	-	5.82	-	-	6.93	-
8	4	-	-	5.82	-	-	6.93	-
9	1	-	-	-	-	-	-	4.12
10	-	-	5.23	5.23	-	-	-	-

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has ten antennas.

For Radio 1

WLAN 2.4GHz Functions

For IEEE 802.11b/g/n/ac/ax mode (4TX, 4RX):

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

WLAN 5GHz Functions (1RX):

Ant. 10 only supports the antenna receive function.

For Radio 3

WLAN 5GHz Band 1~2 Functions

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

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

For Radio 2

WLAN 5GHz Band 3~4 Functions

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

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

For Radio 4

Bluetooth Functions (1TX, 1RX):

Only Port 1 could transmit/receive simultaneously.

1.1.3 Table for Radio Type

Radio No.	2.4GHz	5GHz Band 1~2	5GHz Band 3~4	Bluetooth
Radio 1	V	Only RX function	Only RX function	-
Radio 2	-	-	V	-
Radio 3	-	V	-	-
Radio 4	-	-	-	V

1.1.4 Mode Test Duty Cycle

For 802.11ac mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ac VHT20-BF	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40-BF	0.962	0.168	5.007m	300
802.11ac VHT80-BF	0.918	0.372	2.003m	1k
802.11ac VHT160-BF	0.805	0.942	255.072u	10k

For 802.11ax mode:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40-BF	0.952	0.214	5.007m	300
802.11ax HEW80-BF	0.904	0.438	5.007m	300
802.11ax HEW160-BF	0.841	0.752	234.783u	10k

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

1.1.5 EUT Operational Condition

EUT Power Type	From power adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for 802.11n/ac/ax.			
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	accessMTool(version 3.0.0.9)			

Note: The above information was declared by manufacturer.

1.1.6 Table for EUT Functions

Type of Function	2.4GHz	5GHz Band 1~2	5GHz Band 3~4
Master (AP Router)	V	V	V
Master (Extender)	-	-	V
Bridge (Client without radar detection)	-	-	V
Client without radar detection	-	-	V

1.1.7 Table for Multiple Listing

The model names in the following table are all refer to the identical product.

Model Name	Color of Device's Bottom
W31	Matte Black
W30	Silver

From the above models, model name "W31" was selected as representative model for the test and its data was recorded in this report.

1.1.8 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR842742-01AB

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

Modifications	Performance Checking
1. Adding the beamforming function for 802.11n/ac/ax.	1. Emission Bandwidth. 2. Maximum Conducted Output Power. 3. Peak Power Spectral Density. 4. Unwanted Emissions Above 1GHz.
2. Adding Zero-Wait function.	It doesn't need to verify RF test.

1.2 Testing Applied 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
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 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	TH01-CB	Serway Li	20°C / 55%	Sep. 15, 2018~Jan. 02, 2019
Radiated	03CH01-CB	Stim Sung	22°C / 54%	Sep. 13, 2018~Dec. 23, 2018

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
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

For 802.11ac mode:

Mode	Power Setting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	84
5200MHz	95
5240MHz	93
5260MHz	69
5300MHz	71
5320MHz	73
5500MHz	68
5580MHz	67
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	69
5720MHz Straddle 5.725-5.85GHz	69
5745MHz	90
5785MHz	91
5825MHz	91
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	74
5230MHz	92
5270MHz	68
5310MHz	71
5510MHz	67
5550MHz	67
5670MHz	67
5710MHz Straddle 5.47-5.725GHz	70
5710MHz Straddle 5.725-5.85GHz	70
5755MHz	92
5795MHz	91
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	69
5290MHz	70

Mode	Power Setting
5530MHz	68
5610MHz	67
5690MHz Straddle 5.47-5.725GHz	68
5690MHz Straddle 5.725-5.85GHz	68
5775MHz	79
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	68
5250MHz Straddle 5.25-5.35GHz	68
5570MHz	68

For 802.11ax mode:

Mode	Power Setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	84
5200MHz	93
5240MHz	90
5260MHz	68
5300MHz	70
5320MHz	72
5500MHz	66
5580MHz	65
5700MHz	67
5720MHz Straddle 5.47-5.725GHz	69
5720MHz Straddle 5.725-5.85GHz	69
5745MHz	89
5785MHz	89
5825MHz	89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	71
5230MHz	90
5270MHz	67
5310MHz	70
5510MHz	65
5550MHz	66
5670MHz	66
5710MHz Straddle 5.47-5.725GHz	71
5710MHz Straddle 5.725-5.85GHz	71
5755MHz	90
5795MHz	89
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	75
5290MHz	69
5530MHz	66
5610MHz	66
5690MHz Straddle 5.47-5.725GHz	69
5690MHz Straddle 5.725-5.85GHz	69

Mode	Power Setting
5775MHz	82
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	71
5250MHz Straddle 5.25-5.35GHz	71
5570MHz	66

Note:
- VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.

2.2 The Worst Case Measurement Configuration

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Radio 1 (WLAN 2.4GHz) + Radio 3 (WLAN 5GHz Band 1~2) + Radio 2 (WLAN 5GHz Band 3~4) + Radio 4 (Bluetooth)
Refer to Sporton Test Report No.: FA842742-03 for Co-location RF Exposure Evaluation.	

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

2.3 EUT Operation during Test

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

2.4 Accessories

Accessories					
No.	**Equipment Name**	**Brand Name**	**Model Name**	**P/N**	**Rating**
1	Adapter 1	APD	WA-36L12FU	AREP05681	INPUT: 100-120V ~, 60Hz, 0.9A Max OUTPUT: 12V, 3A
2	Adapter 2	NetBit	NBS42D120 350VU	AREP05751	INPUT: 100-120V ~, 50/60Hz, 1.0A OUTPUT: 12.0V, 3.5A

Note: The adapter does not affect the test result of radio tests, so only adapter 2 was tested and recorded in this report.

2.5 Support Equipment

For Test Site No: 03CH01-CB

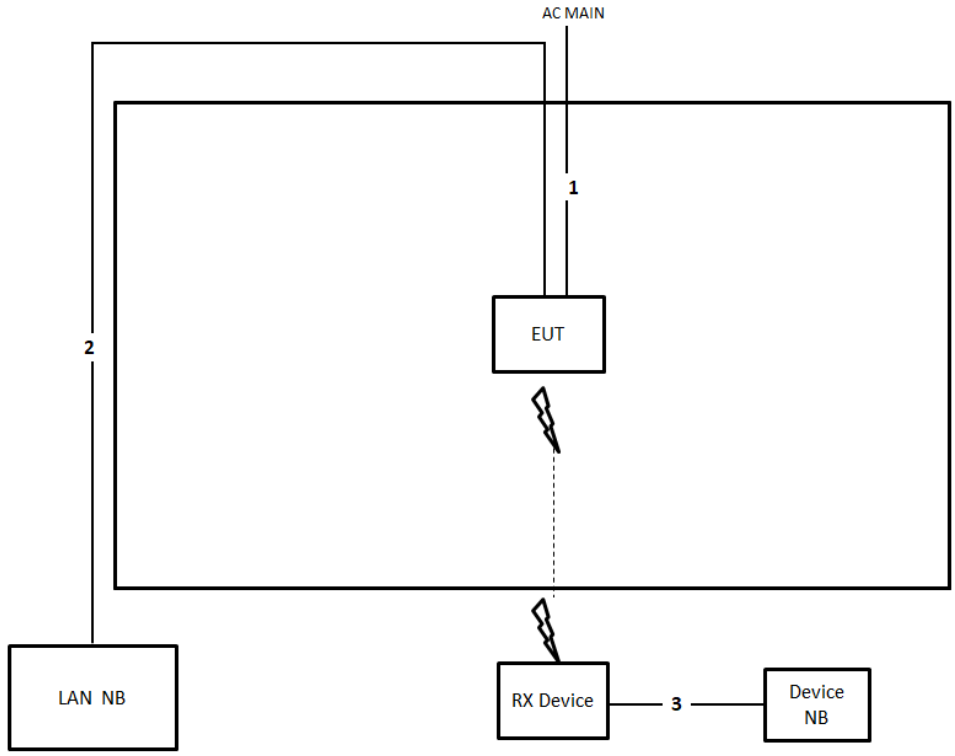
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	Notebook	DELL	E4300	N/A
2	Notebook	DELL	E4301	N/A
3	RX Device	PEGATRON	Retail (T2)	N/A

For Test Site No: TH01-CB

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

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test



Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	1.6m

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

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

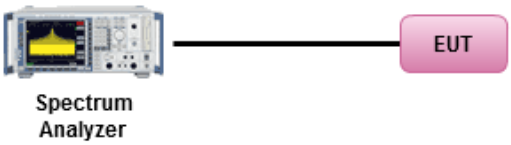
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

Emission Bandwidth
 Spectrum Analyzer

3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 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.	

3.2.2 Measuring Instruments

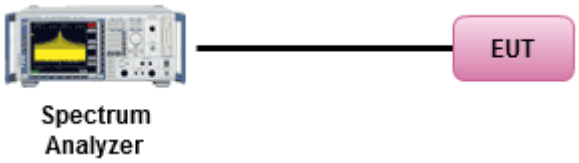
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

For straddle channel:

RF Output Power (Spectrum Analyzer)


For other channel:

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 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.	

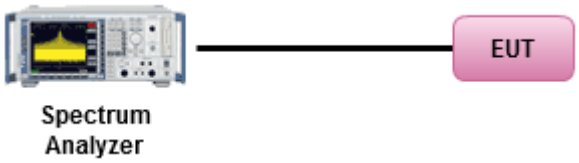
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

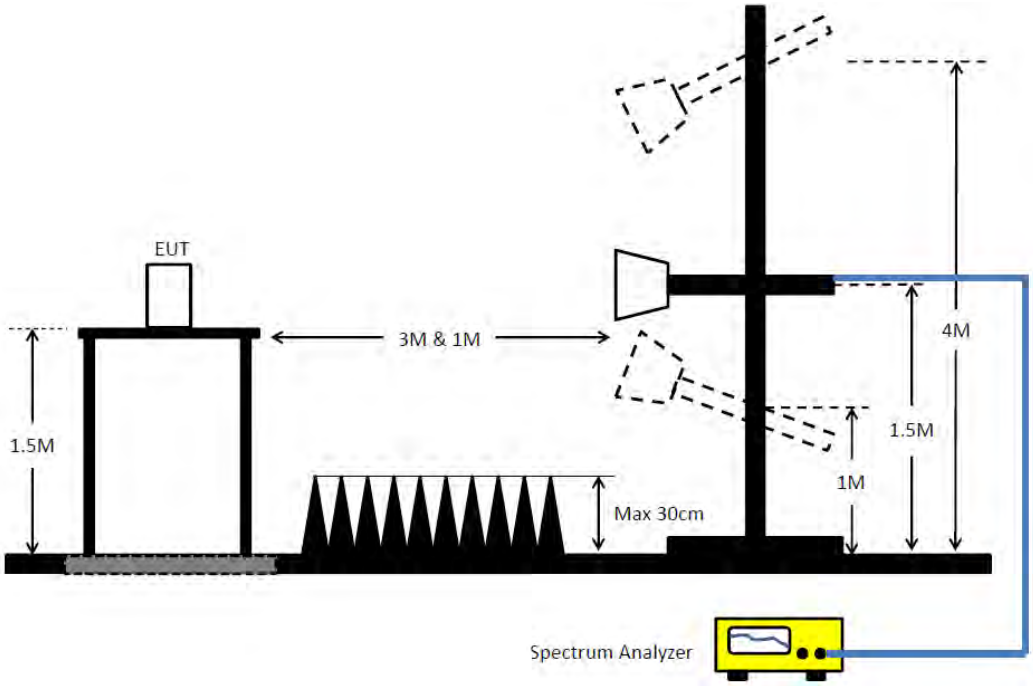
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jun. 22, 2018	Jun. 21, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-09	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 05, 2018	Nov. 04, 2019	Conducted (TH01-CB)

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

For 802.11ac mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	36.075M	17.991M	18M0D1D	21.775M	17.691M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	72.3M	36.432M	36M4D1D	39.8M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82M	75.862M	75M9D1D	81.5M	75.662M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	81.68M	76.042M	76M0D1D	80.8M	75.722M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.1M	17.791M	17M8D1D	21.475M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.1M	36.332M	36M3D1D	39.8M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.8M	75.662M	75M7D1D	80.9M	75.562M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	82.72M	75.642M	75M6D1D	80.32M	75.242M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.85M	17.816M	17M8D1D	15.645M	13.883M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.25M	36.332M	36M3D1D	34.965M	32.989M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	82.2M	75.862M	75M9D1D	75.675M	72.489M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	165.6M	154.723M	155MD1D	164.2M	154.523M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.575M	17.816M	17M8D1D	3.72M	4.258M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	36.35M	36.332M	36M3D1D	3M	3.578M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.9M	75.862M	75M9D1D	2.84M	4.298M

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

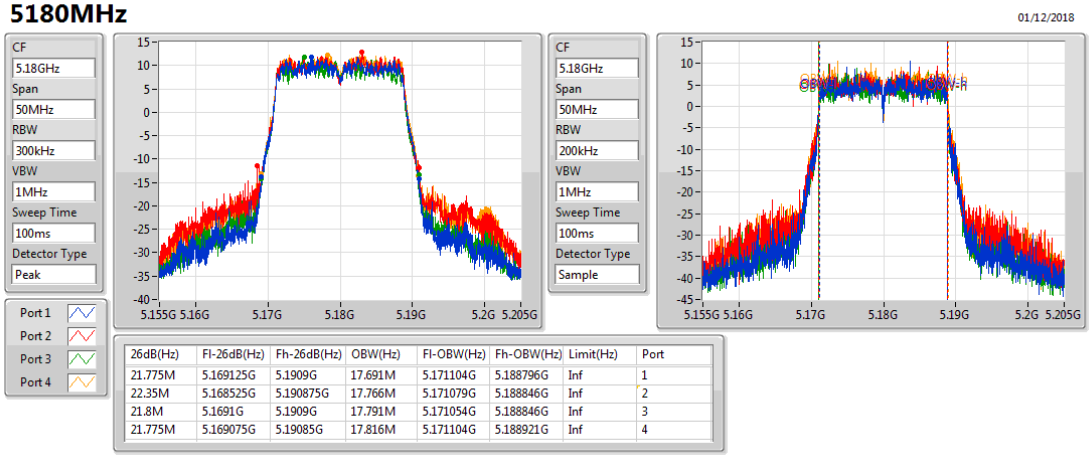
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.775M	17.691M	22.35M	17.766M	21.8M	17.791M	21.775M	17.816M
5200MHz	Pass	Inf	27.425M	17.791M	36.075M	17.991M	34.35M	17.916M	35.325M	17.941M
5240MHz	Pass	Inf	21.9M	17.741M	26.625M	17.866M	30.1M	17.866M	31.6M	17.966M
5260MHz	Pass	Inf	21.725M	17.716M	21.475M	17.741M	21.5M	17.716M	21.7M	17.741M
5300MHz	Pass	Inf	21.675M	17.741M	21.575M	17.766M	21.7M	17.766M	21.65M	17.766M
5320MHz	Pass	Inf	22.1M	17.766M	21.525M	17.791M	21.6M	17.791M	21.65M	17.766M
5500MHz	Pass	Inf	21.675M	17.741M	21.525M	17.766M	21.6M	17.766M	21.85M	17.716M
5580MHz	Pass	Inf	21.65M	17.816M	21.5M	17.816M	21.625M	17.791M	21.575M	17.766M
5700MHz	Pass	Inf	21.7M	17.791M	21.55M	17.816M	21.525M	17.766M	21.7M	17.766M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.795M	13.928M	15.645M	13.913M	15.735M	13.883M	15.66M	13.883M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	4.278M	3.72M	4.258M	3.74M	4.278M	3.74M	4.258M
5745MHz	Pass	500k	17.3M	17.766M	17.15M	17.791M	17.55M	17.766M	16.9M	17.766M
5785MHz	Pass	500k	16.95M	17.791M	16.775M	17.741M	17.575M	17.791M	15.95M	17.816M
5825MHz	Pass	500k	17.55M	17.766M	16.525M	17.741M	17.525M	17.766M	17.55M	17.816M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	39.8M	36.282M	39.95M	36.282M	39.9M	36.182M	40.15M	36.382M
5230MHz	Pass	Inf	47.3M	36.232M	59.6M	36.332M	65.25M	36.282M	72.3M	36.432M
5270MHz	Pass	Inf	39.8M	36.232M	39.9M	36.282M	39.8M	36.132M	40M	36.232M
5310MHz	Pass	Inf	39.8M	36.332M	39.85M	36.232M	39.95M	36.182M	40.1M	36.282M
5510MHz	Pass	Inf	39.8M	36.182M	40.1M	36.282M	39.9M	36.182M	40.15M	36.232M
5550MHz	Pass	Inf	39.95M	36.282M	39.95M	36.232M	39.9M	36.182M	40.25M	36.332M
5670MHz	Pass	Inf	39.95M	36.282M	39.95M	36.232M	39.85M	36.282M	40.1M	36.232M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	34.965M	33.023M	35.105M	33.023M	34.965M	33.093M	35.245M	32.989M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	3.638M	3.04M	3.578M	3.2M	3.638M	3M	3.598M
5755MHz	Pass	500k	36.3M	36.282M	35.7M	36.282M	36.25M	36.282M	35.2M	36.332M
5795MHz	Pass	500k	36.3M	36.182M	36.25M	36.332M	36.35M	36.332M	35.7M	36.232M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82M	75.862M	81.5M	75.862M	81.8M	75.762M	81.9M	75.662M
5290MHz	Pass	Inf	81.7M	75.562M	80.9M	75.562M	81.3M	75.662M	81.8M	75.562M
5530MHz	Pass	Inf	81.9M	75.662M	81.6M	75.862M	81.7M	75.862M	82.2M	75.662M
5610MHz	Pass	Inf	81.5M	75.562M	81.7M	75.662M	81.3M	75.862M	81.8M	75.562M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.125M	72.489M	75.675M	72.564M	75.825M	72.639M	76.2M	72.564M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.08M	4.938M	3.02M	4.398M	3.08M	4.298M	2.84M	8.076M
5775MHz	Pass	500k	75.7M	75.762M	75.1M	75.862M	75.9M	75.762M	75.1M	75.862M
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	75.802M	81.68M	76.042M	81.12M	75.722M	81.2M	75.882M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.48M	75.642M	80.32M	75.562M	82.72M	75.242M	81.36M	75.562M
5570MHz	Pass	Inf	164.2M	154.523M	165.6M	154.523M	165M	154.723M	164.2M	154.723M

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

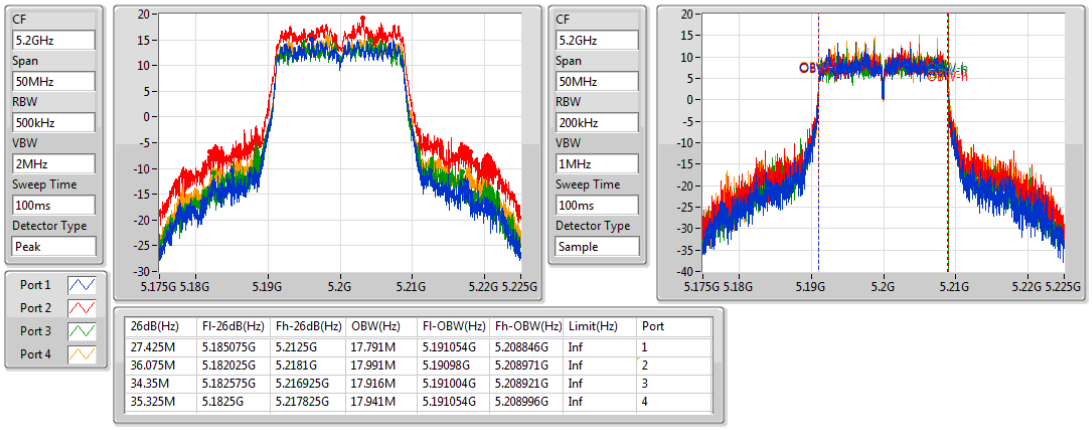
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.775M	5.169125G	5.1909G	17.691M	5.171104G	5.188796G	Inf	1
22.35M	5.168525G	5.190875G	17.766M	5.171079G	5.188846G	Inf	2
21.8M	5.1691G	5.1909G	17.791M	5.171054G	5.188846G	Inf	3
21.775M	5.169075G	5.19085G	17.816M	5.171104G	5.188921G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

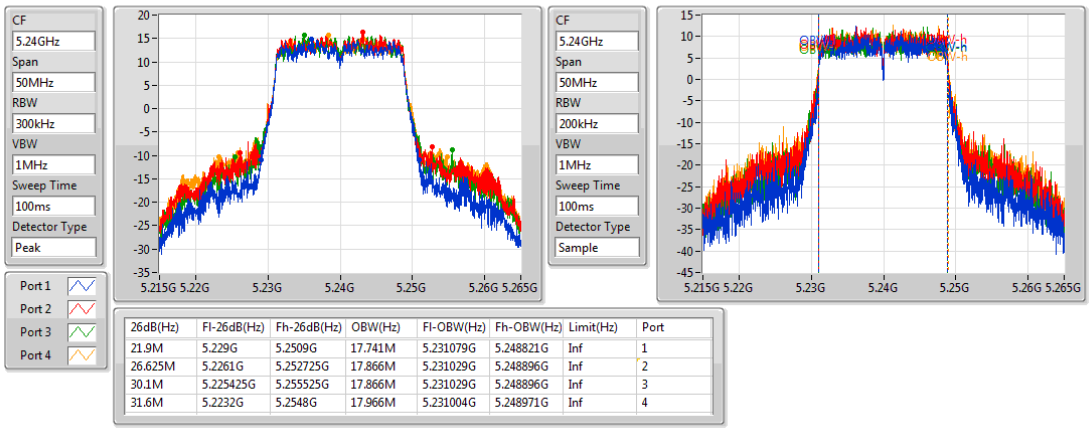
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.425M	5.185075G	5.2125G	17.791M	5.191054G	5.208846G	Inf	1
36.075M	5.182025G	5.2181G	17.991M	5.19098G	5.208971G	Inf	2
34.35M	5.182575G	5.216925G	17.916M	5.191004G	5.208921G	Inf	3
35.325M	5.1825G	5.217825G	17.941M	5.191054G	5.208996G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

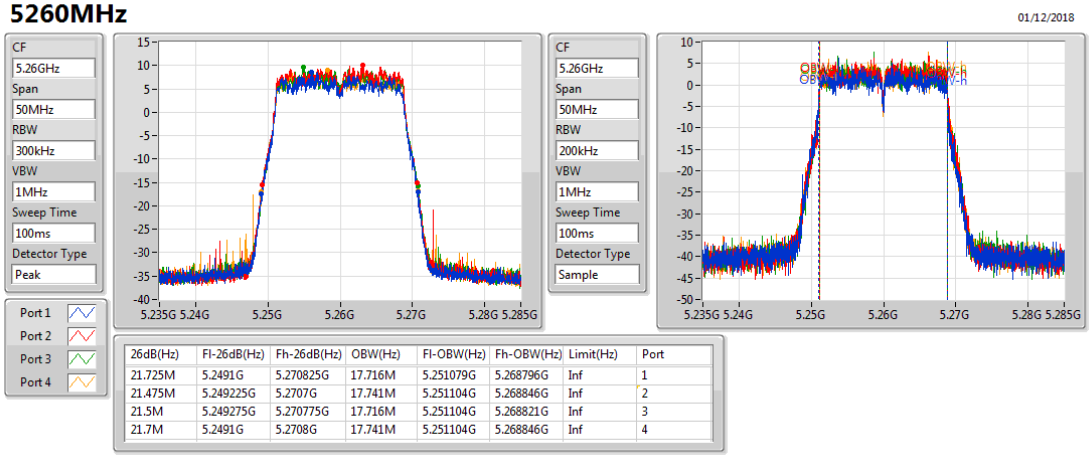
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.229G	5.2509G	17.741M	5.231079G	5.248821G	Inf	1
26.625M	5.2261G	5.252725G	17.866M	5.231029G	5.248896G	Inf	2
30.1M	5.225425G	5.255525G	17.866M	5.231029G	5.248896G	Inf	3
31.6M	5.2232G	5.2548G	17.966M	5.231004G	5.248971G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

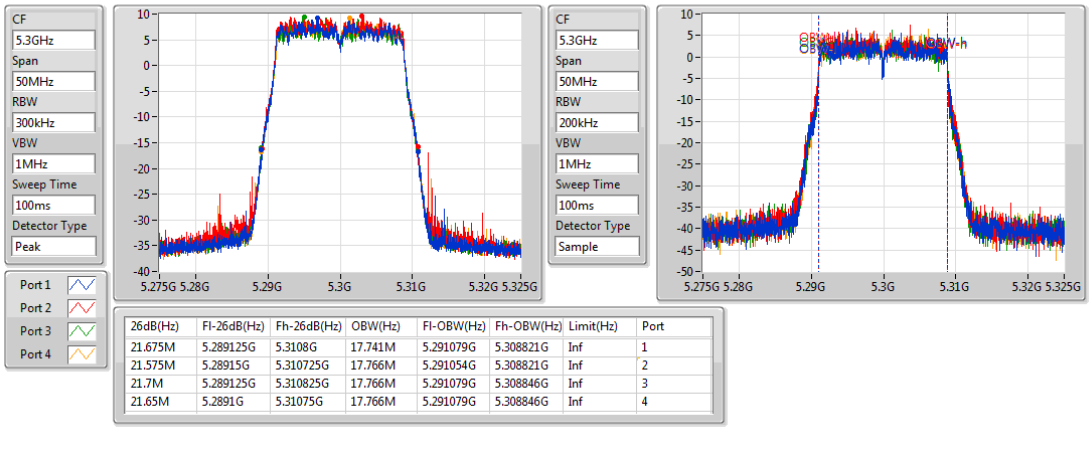
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.2491G	5.270825G	17.716M	5.251079G	5.268796G	Inf	1
21.475M	5.249225G	5.2707G	17.741M	5.251104G	5.268846G	Inf	2
21.5M	5.249275G	5.270775G	17.716M	5.251104G	5.268821G	Inf	3
21.7M	5.2491G	5.2708G	17.741M	5.251104G	5.268846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

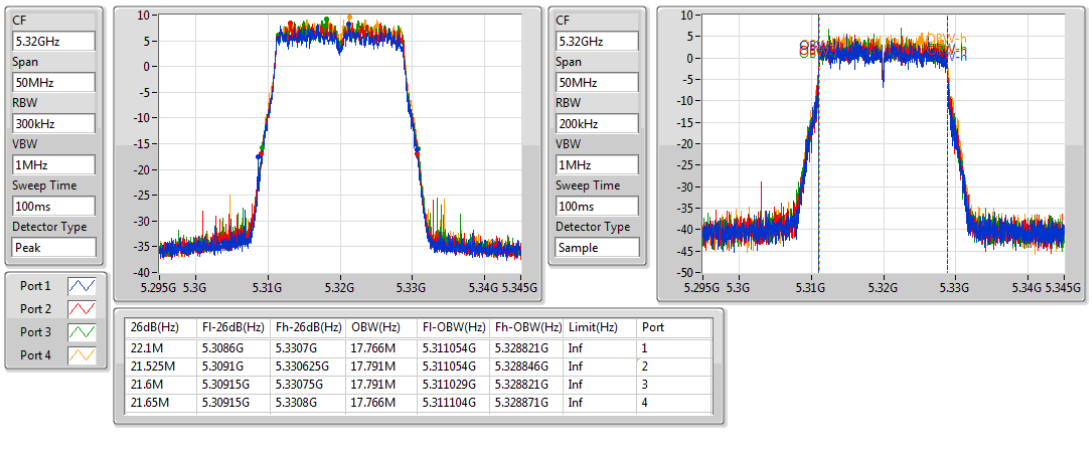
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.289125G	5.3108G	17.741M	5.291079G	5.308821G	Inf	1
21.575M	5.28915G	5.310725G	17.766M	5.291054G	5.308821G	Inf	2
21.7M	5.289125G	5.310825G	17.766M	5.291079G	5.308846G	Inf	3
21.65M	5.2891G	5.31075G	17.766M	5.291079G	5.308846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5320MHz

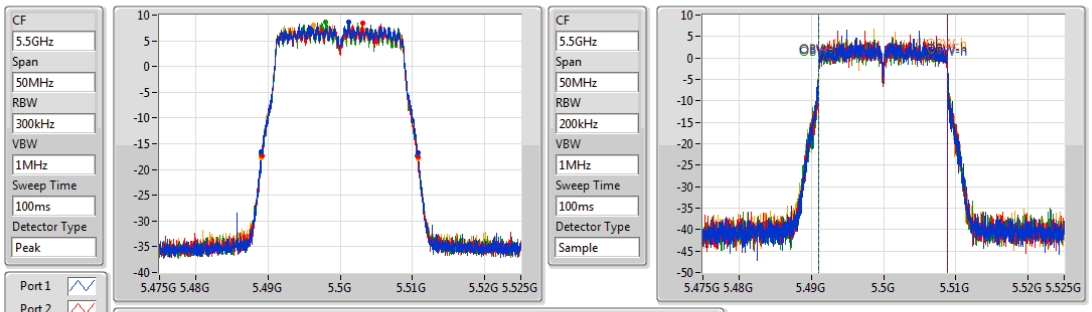


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.1M	5.3086G	5.3307G	17.766M	5.311054G	5.328821G	Inf	1
21.525M	5.3091G	5.330625G	17.791M	5.311054G	5.328846G	Inf	2
21.6M	5.30915G	5.33075G	17.791M	5.311029G	5.328821G	Inf	3
21.65M	5.30915G	5.3308G	17.766M	5.311104G	5.328871G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5500MHz

01/12/2018

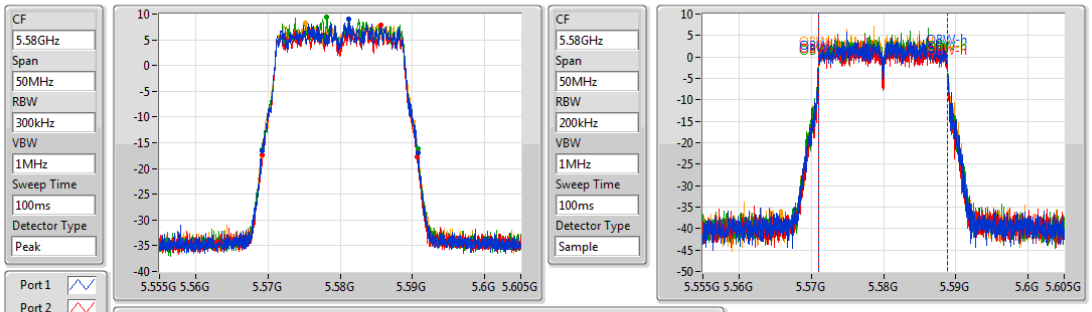


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.489125G	5.5108G	17.741M	5.491054G	5.508796G	Inf	1
21.525M	5.4892G	5.510725G	17.766M	5.491054G	5.508821G	Inf	2
21.6M	5.4891G	5.5107G	17.766M	5.491054G	5.508821G	Inf	3
21.85M	5.489G	5.51085G	17.716M	5.491079G	5.508796G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5580MHz

01/12/2018

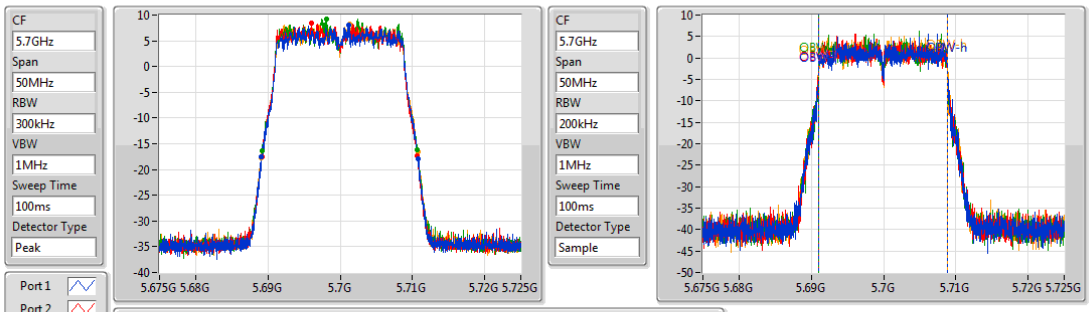


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.56915G	5.5908G	17.816M	5.571004G	5.588821G	Inf	1
21.5M	5.5692G	5.5907G	17.816M	5.571029G	5.588846G	Inf	2
21.625M	5.569175G	5.5908G	17.791M	5.571029G	5.588821G	Inf	3
21.575M	5.56915G	5.590725G	17.766M	5.571079G	5.588846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5700MHz

01/12/2018

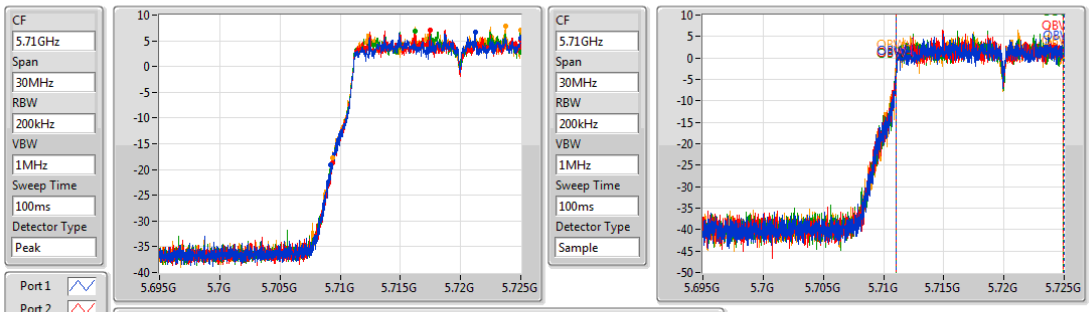


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.689125G	5.710825G	17.791M	5.691054G	5.708846G	Inf	1
21.55M	5.68915G	5.7107G	17.816M	5.691004G	5.708821G	Inf	2
21.525M	5.689175G	5.7107G	17.766M	5.691054G	5.708821G	Inf	3
21.7M	5.68905G	5.71075G	17.766M	5.691054G	5.708821G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.47-5.725GHz

01/12/2018

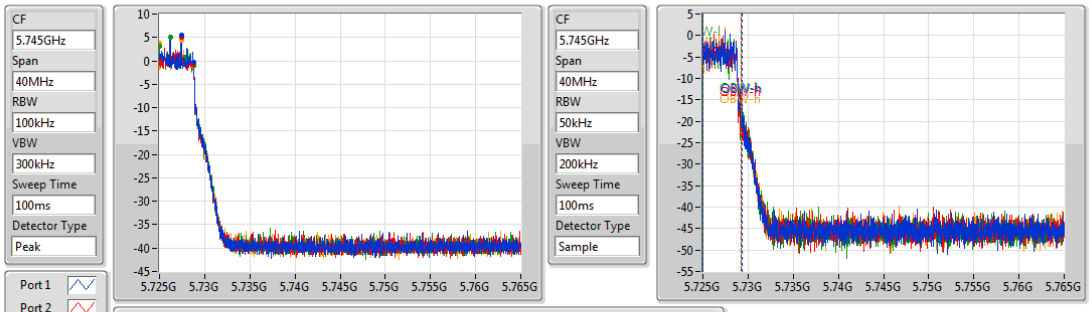


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.795M	5.709205G	5.725G	13.928M	5.711034G	5.724963G	Inf	1
15.645M	5.709355G	5.725G	13.913M	5.711034G	5.724948G	Inf	2
15.735M	5.709265G	5.725G	13.883M	5.711034G	5.724918G	Inf	3
15.66M	5.70934G	5.725G	13.883M	5.711019G	5.724903G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

01/12/2018

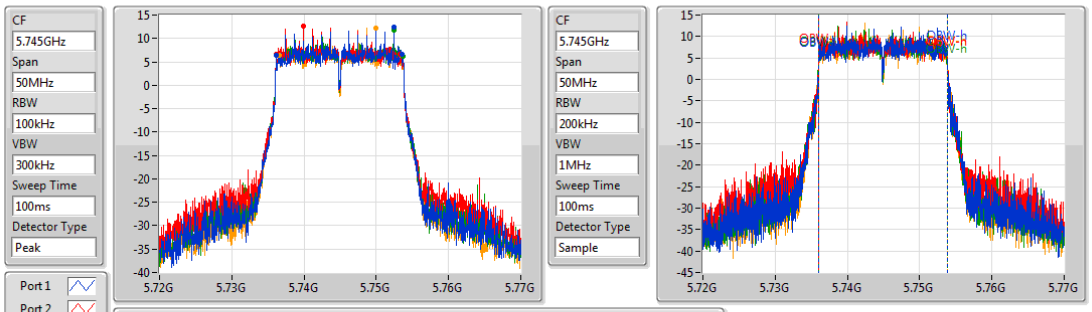


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.74M	5.725G	5.72874G	4.278M	5.72503G	5.729308G	500k	1
3.72M	5.725G	5.72872G	4.258M	5.72503G	5.729288G	500k	2
3.74M	5.725G	5.72874G	4.278M	5.72501G	5.729288G	500k	3
3.74M	5.725G	5.72874G	4.258M	5.72503G	5.729288G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

5745MHz

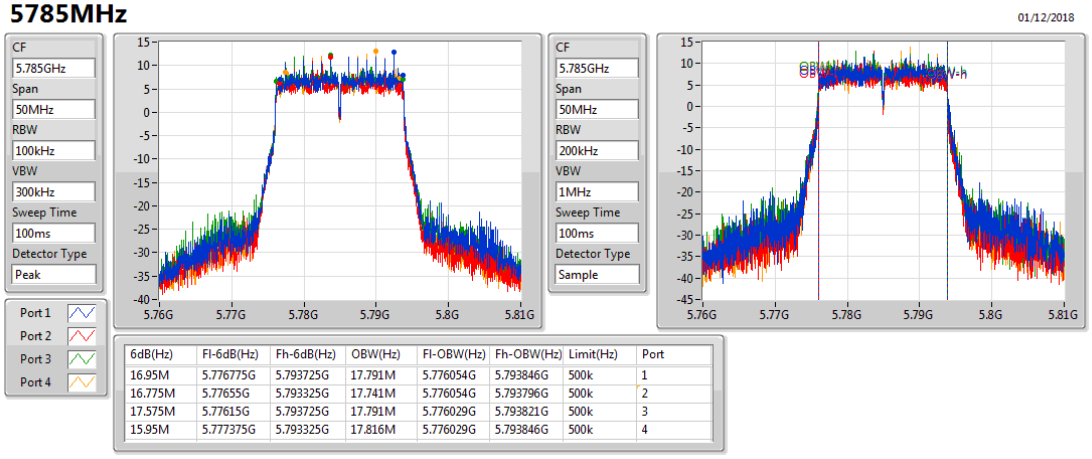
01/12/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.3M	5.7362G	5.7535G	17.766M	5.736079G	5.753846G	500k	1
17.15M	5.736175G	5.753325G	17.791M	5.736029G	5.753821G	500k	2
17.55M	5.736175G	5.753725G	17.766M	5.736054G	5.753821G	500k	3
16.9M	5.73655G	5.75345G	17.766M	5.736054G	5.753821G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

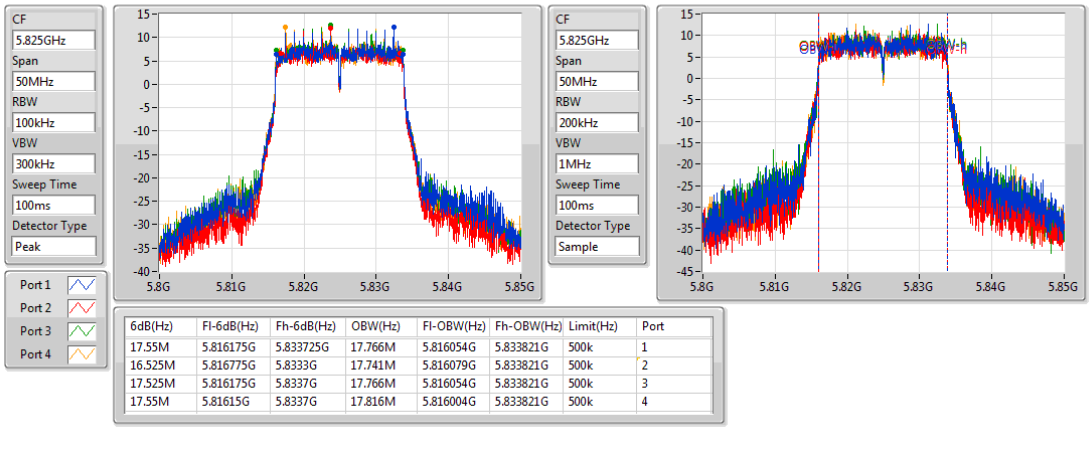
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.95M	5.776775G	5.793725G	17.791M	5.776054G	5.793846G	500k	1
16.775M	5.77655G	5.793325G	17.741M	5.776054G	5.793796G	500k	2
17.575M	5.77615G	5.793725G	17.791M	5.776029G	5.793821G	500k	3
15.95M	5.777375G	5.793325G	17.816M	5.776029G	5.793846G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **EBW**

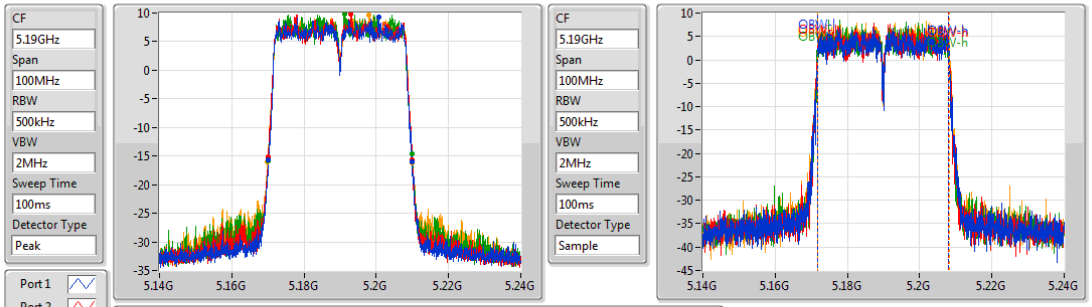
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.816175G	5.833725G	17.766M	5.816054G	5.833821G	500k	1
16.525M	5.816775G	5.8333G	17.741M	5.816079G	5.833821G	500k	2
17.525M	5.816175G	5.8337G	17.766M	5.816054G	5.833821G	500k	3
17.55M	5.81615G	5.8337G	17.816M	5.816004G	5.833821G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5190MHz

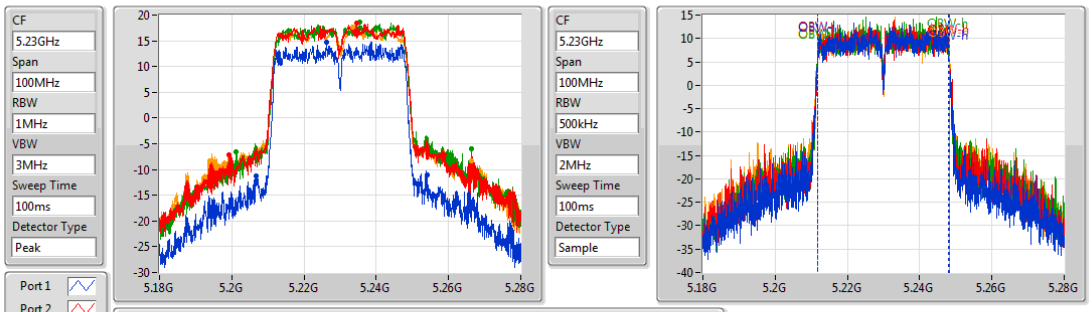


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.1702G	5.21G	36.282M	5.171809G	5.208091G	Inf	1
39.95M	5.1701G	5.21005G	36.282M	5.171809G	5.208091G	Inf	2
39.9M	5.1701G	5.21G	36.182M	5.171809G	5.207991G	Inf	3
40.15M	5.1699G	5.21005G	36.382M	5.171809G	5.208191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

01/12/2018

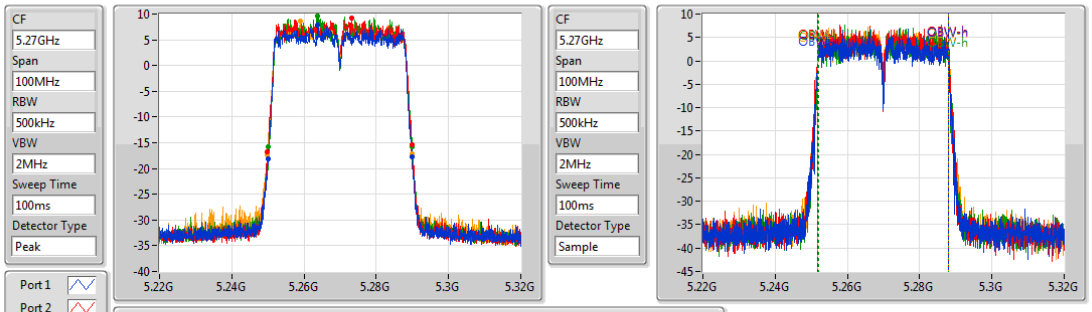


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.3M	5.20675G	5.25405G	36.232M	5.211859G	5.248091G	Inf	1
59.6M	5.1993G	5.2589G	36.332M	5.211809G	5.248141G	Inf	2
65.25M	5.2011G	5.26635G	36.282M	5.211809G	5.248091G	Inf	3
72.3M	5.194G	5.2663G	36.432M	5.211759G	5.248191G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

01/12/2018

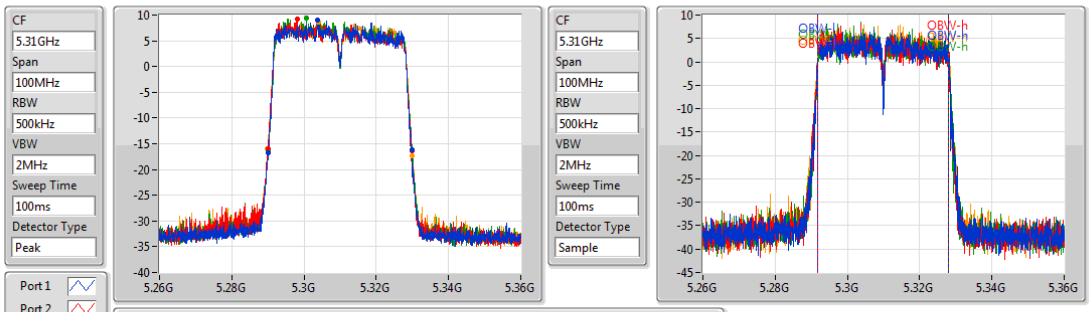


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.25005G	5.28985G	36.232M	5.251809G	5.288041G	Inf	1
39.9M	5.2499G	5.2898G	36.282M	5.251809G	5.288091G	Inf	2
39.8M	5.25015G	5.28995G	36.132M	5.251909G	5.288041G	Inf	3
40M	5.2499G	5.2899G	36.232M	5.251859G	5.288091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

01/12/2018

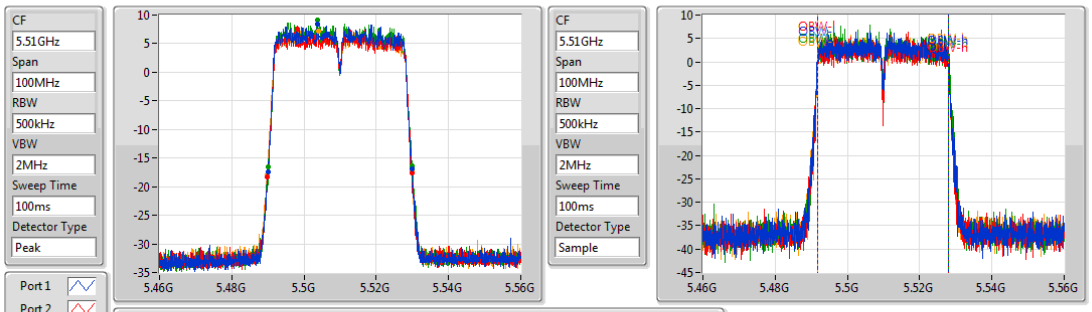


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.29005G	5.32985G	36.332M	5.291759G	5.328091G	Inf	1
39.85M	5.29G	5.32985G	36.232M	5.291759G	5.327991G	Inf	2
39.95M	5.29G	5.32995G	36.182M	5.291859G	5.328041G	Inf	3
40.1M	5.2899G	5.33G	36.282M	5.291809G	5.328091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5510MHz

01/12/2018

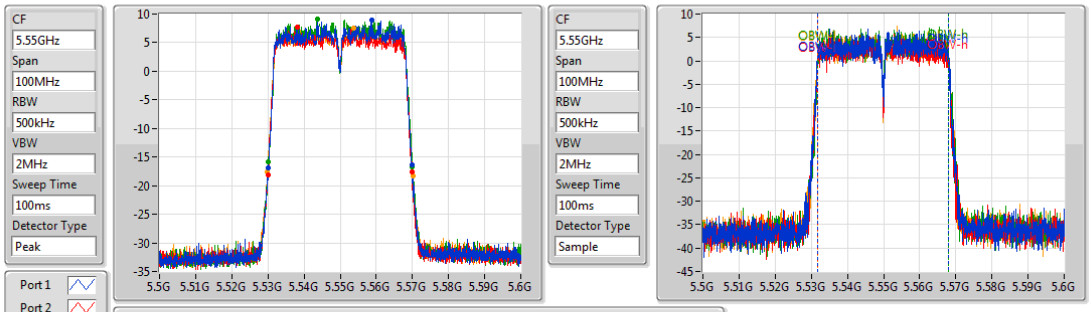


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.8M	5.49005G	5.52985G	36.182M	5.491759G	5.527941G	Inf	1
40.1M	5.4899G	5.53G	36.282M	5.491759G	5.528041G	Inf	2
39.9M	5.49005G	5.52995G	36.182M	5.491809G	5.527991G	Inf	3
40.15M	5.4898G	5.52995G	36.232M	5.491759G	5.527991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5550MHz

01/12/2018

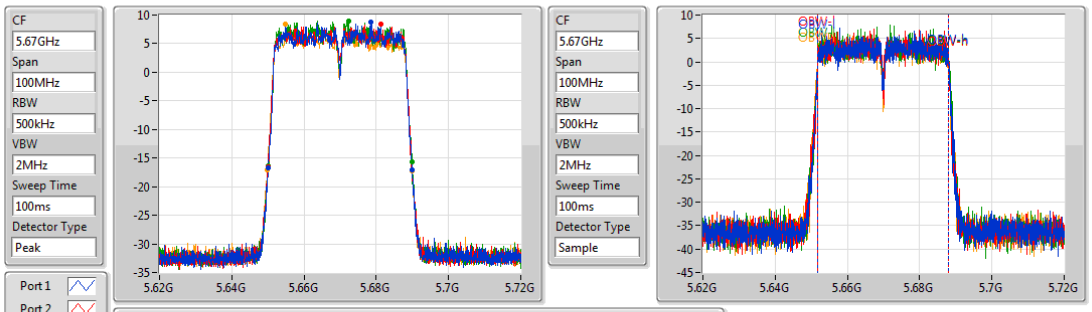


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.53G	5.56995G	36.282M	5.531759G	5.568041G	Inf	1
39.95M	5.52995G	5.5699G	36.232M	5.531759G	5.567991G	Inf	2
39.9M	5.53015G	5.57005G	36.182M	5.531859G	5.568041G	Inf	3
40.25M	5.52985G	5.5701G	36.332M	5.531759G	5.568091G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5670MHz

01/12/2018

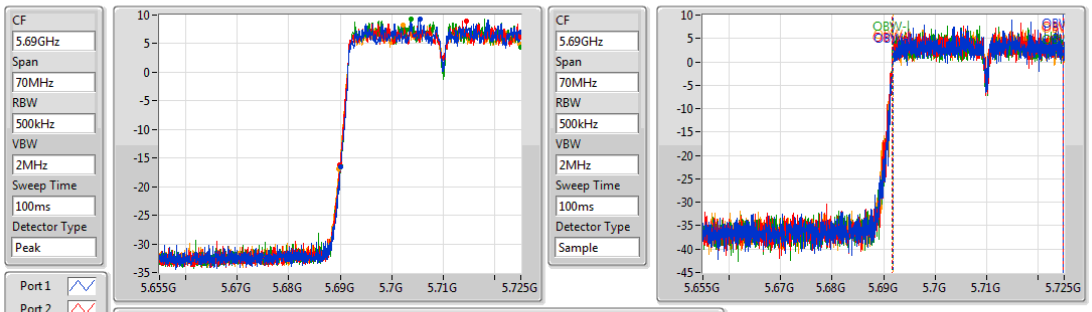


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.95M	5.65G	5.68995G	36.282M	5.651759G	5.688041G	Inf	1
39.95M	5.65005G	5.69G	36.232M	5.651759G	5.687991G	Inf	2
39.85M	5.6501G	5.68995G	36.282M	5.651809G	5.688091G	Inf	3
40.1M	5.6498G	5.6899G	36.232M	5.651709G	5.687941G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.47-5.725GHz

01/12/2018

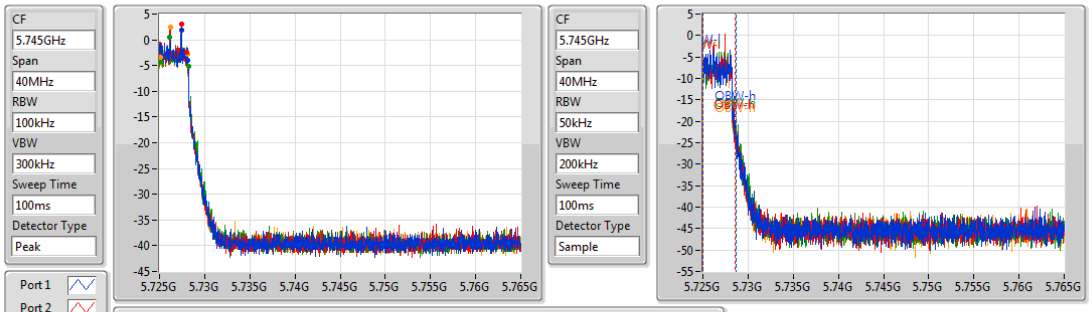


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.965M	5.690035G	5.725G	33.023M	5.691819G	5.724843G	Inf	1
35.105M	5.689895G	5.725G	33.023M	5.691749G	5.724773G	Inf	2
34.965M	5.690035G	5.725G	33.093M	5.691714G	5.724808G	Inf	3
35.245M	5.689755G	5.725G	32.989M	5.691784G	5.724773G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.725-5.85GHz

01/12/2018

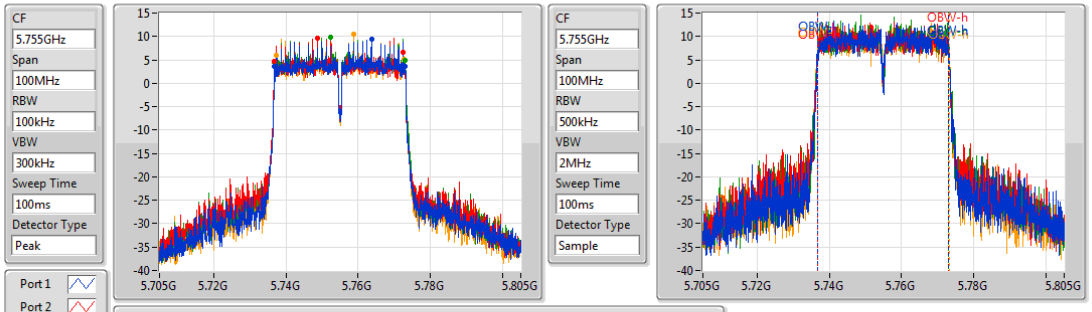


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	3.638M	5.72501G	5.728648G	500k	1
3.04M	5.725G	5.72804G	3.578M	5.72501G	5.728588G	500k	2
3.2M	5.725G	5.7282G	3.638M	5.72503G	5.728668G	500k	3
3M	5.72508G	5.72808G	3.598M	5.72503G	5.728628G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **EBW**

5755MHz

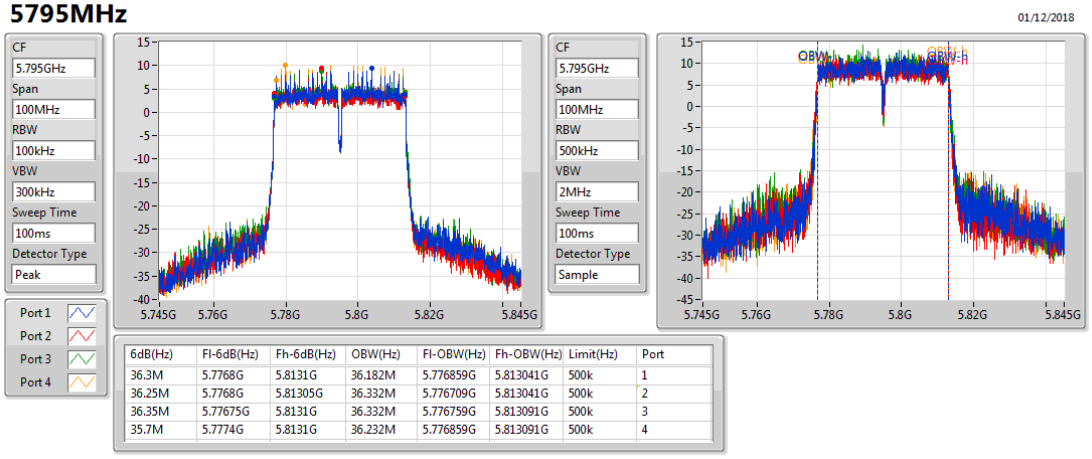
01/12/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7368G	5.7731G	36.282M	5.736809G	5.773091G	500k	1
35.7M	5.7368G	5.7725G	36.282M	5.736759G	5.773041G	500k	2
36.25M	5.7368G	5.77305G	36.282M	5.736759G	5.773041G	500k	3
35.2M	5.73735G	5.77255G	36.332M	5.736809G	5.773141G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX EBW

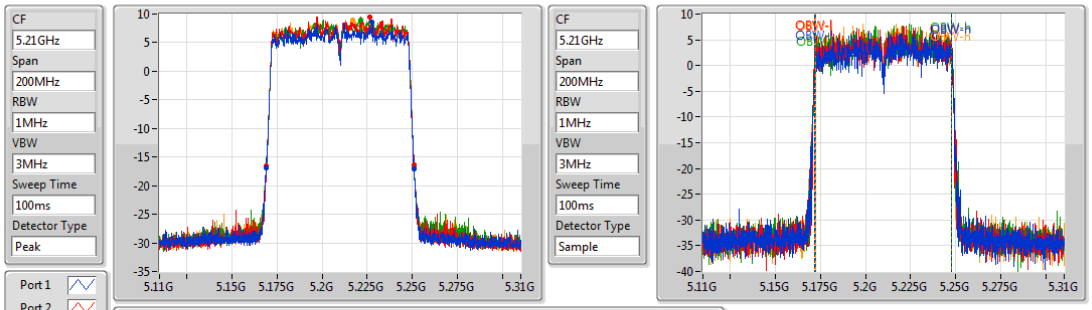
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.7768G	5.8131G	36.182M	5.776859G	5.813041G	500k	1
36.25M	5.7768G	5.81305G	36.332M	5.776709G	5.813041G	500k	2
36.35M	5.77675G	5.8131G	36.332M	5.776759G	5.813091G	500k	3
35.7M	5.7774G	5.8131G	36.232M	5.776859G	5.813091G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

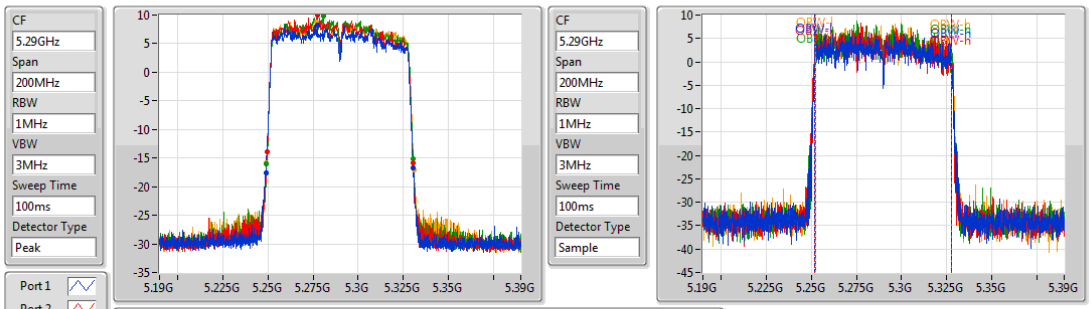
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.169G	5.251G	75.862M	5.172019G	5.247881G	Inf	1
81.5M	5.1693G	5.2508G	75.862M	5.172019G	5.247881G	Inf	2
81.8M	5.1691G	5.2509G	75.762M	5.172119G	5.247881G	Inf	3
81.9M	5.169G	5.2509G	75.662M	5.172119G	5.247781G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

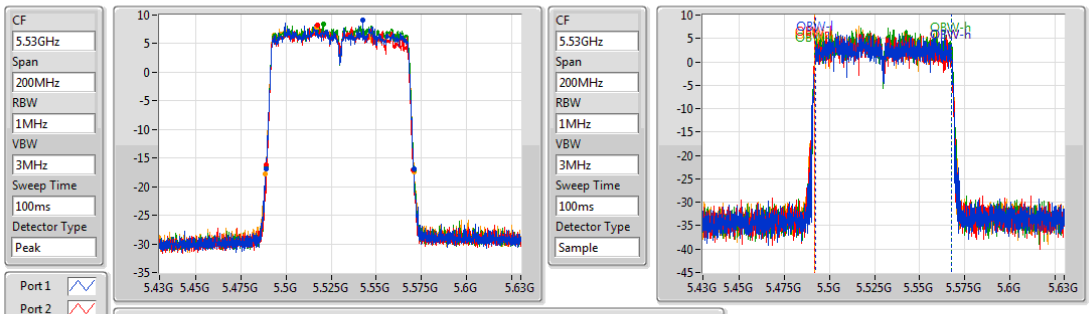


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.2489G	5.3306G	75.562M	5.252019G	5.327581G	Inf	1
80.9M	5.2495G	5.3304G	75.562M	5.251919G	5.327481G	Inf	2
81.3M	5.2492G	5.3305G	75.662M	5.252119G	5.327781G	Inf	3
81.8M	5.2491G	5.3309G	75.562M	5.252119G	5.327681G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5530MHz

01/12/2018

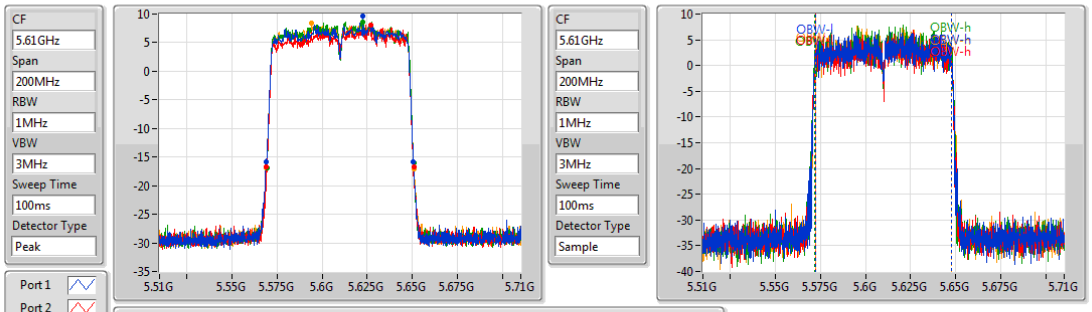


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.9M	5.4888G	5.5707G	75.662M	5.492119G	5.567781G	Inf	1
81.6M	5.489G	5.5706G	75.862M	5.491819G	5.567681G	Inf	2
81.7M	5.4892G	5.5709G	75.862M	5.492019G	5.567881G	Inf	3
82.2M	5.4887G	5.5709G	75.662M	5.492019G	5.567681G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5610MHz

01/12/2018

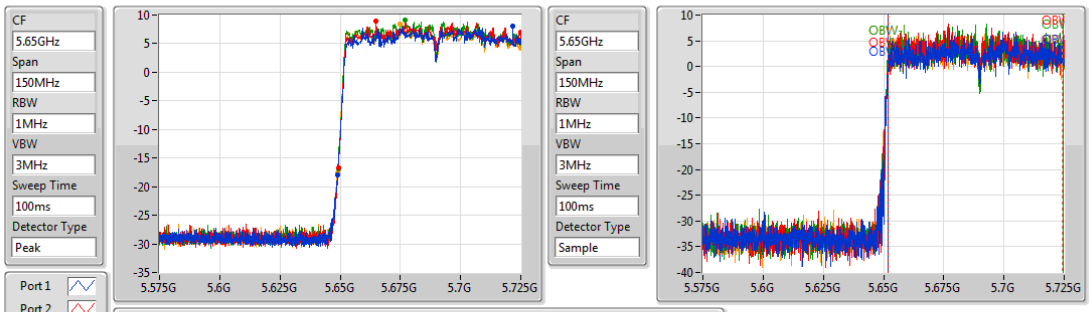


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.5M	5.5691G	5.6506G	75.562M	5.572119G	5.647681G	Inf	1
81.7M	5.5691G	5.6508G	75.662M	5.572119G	5.647781G	Inf	2
81.3M	5.5694G	5.6507G	75.862M	5.572019G	5.647881G	Inf	3
81.8M	5.5691G	5.6509G	75.562M	5.572119G	5.647681G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.47-5.725GHz

01/12/2018

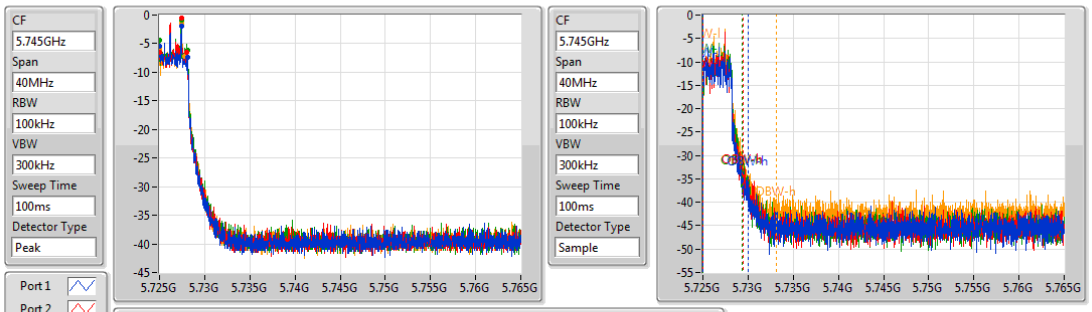


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.125M	5.648875G	5.725G	72.489M	5.652024G	5.724513G	Inf	1
75.675M	5.649325G	5.725G	72.564M	5.652024G	5.724588G	Inf	2
75.825M	5.649175G	5.725G	72.639M	5.651874G	5.724513G	Inf	3
76.2M	5.6488G	5.725G	72.564M	5.651799G	5.724363G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.725-5.85GHz

01/12/2018

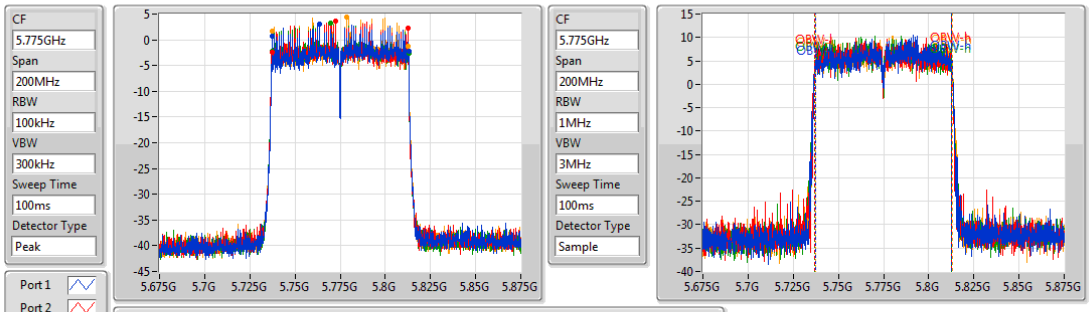


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.08M	5.725G	5.72808G	4.938M	5.72503G	5.729968G	500k	1
3.02M	5.72502G	5.72804G	4.398M	5.72503G	5.729428G	500k	2
3.08M	5.725G	5.72808G	4.298M	5.72503G	5.729328G	500k	3
2.84M	5.725G	5.72784G	8.076M	5.72501G	5.733086G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **EBW**

5775MHz

01/12/2018

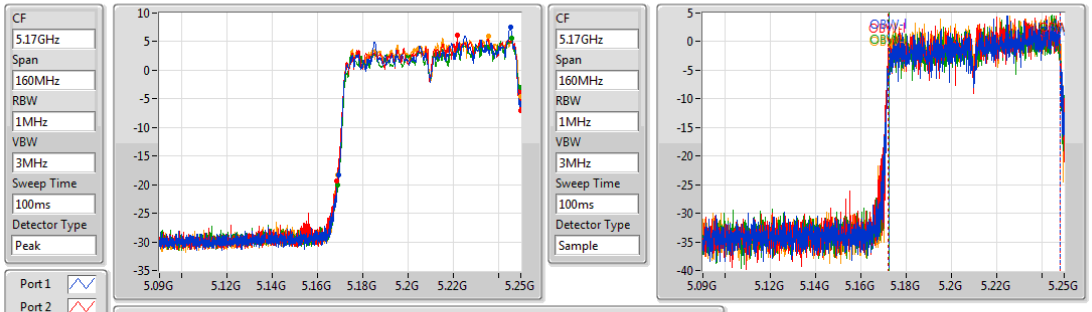


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.7M	5.7374G	5.8131G	75.762M	5.737119G	5.812881G	500k	1
75.1M	5.7374G	5.8125G	75.862M	5.736919G	5.812781G	500k	2
75.9M	5.7372G	5.8131G	75.762M	5.737019G	5.812781G	500k	3
75.1M	5.7374G	5.8125G	75.862M	5.737119G	5.812981G	500k	4

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **EBW**

5250MHz Straddle 5.15-5.25GHz

01/12/2018

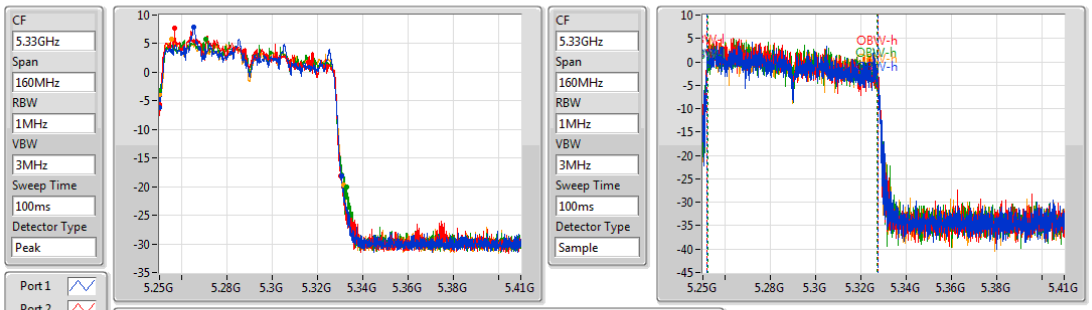


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.8M	5.1692G	5.25G	75.802M	5.172319G	5.248121G	Inf	1
81.68M	5.16832G	5.25G	76.042M	5.172159G	5.248201G	Inf	2
81.12M	5.16888G	5.25G	75.722M	5.172319G	5.248041G	Inf	3
81.2M	5.1688G	5.25G	75.882M	5.172239G	5.248121G	Inf	4

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **EBW**

5250MHz Straddle 5.25-5.35GHz

01/12/2018

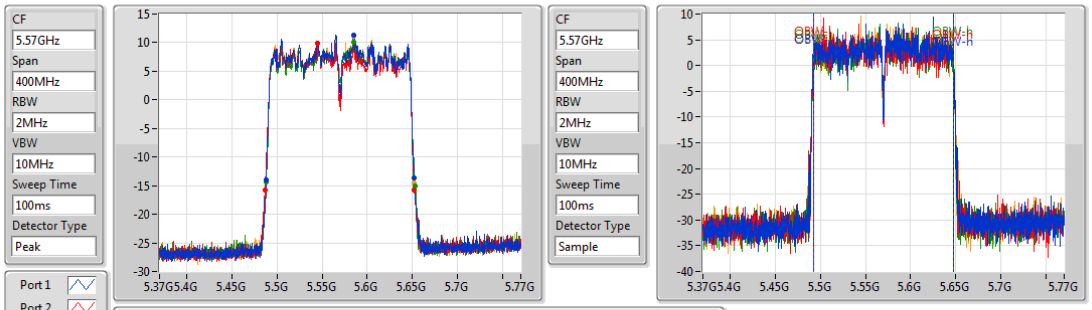


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.48M	5.25G	5.33048G	75.642M	5.251719G	5.327361G	Inf	1
80.32M	5.25G	5.33032G	75.562M	5.251799G	5.327361G	Inf	2
82.72M	5.25G	5.33272G	75.242M	5.252039G	5.327281G	Inf	3
81.36M	5.25G	5.33136G	75.562M	5.251879G	5.327441G	Inf	4

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **EBW**

5570MHz

01/12/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.2M	5.4882G	5.6524G	154.523M	5.492639G	5.647161G	Inf	1
165.6M	5.4868G	5.6524G	154.523M	5.492639G	5.647161G	Inf	2
165M	5.4882G	5.6532G	154.723M	5.492439G	5.647161G	Inf	3
164.2M	5.488G	5.6522G	154.723M	5.492439G	5.647161G	Inf	4

For 802.11ax mode:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	36.65M	19.065M	19M1D1D	21.375M	18.916M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	59.1M	37.681M	37M7D1D	39.9M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82M	77.361M	77M4D1D	81.8M	76.862M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.04M	77.321M	77M3D1D	80.48M	77.001M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.725M	19.015M	19M0D1D	21.4M	18.916M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.1M	37.631M	37M6D1D	39.85M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.9M	77.061M	77M1D1D	81.4M	76.862M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	81.28M	77.001M	77M0D1D	80.64M	76.762M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.775M	19.015M	19M0D1D	15.69M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.1M	37.631M	37M6D1D	35.035M	33.548M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.4M	77.361M	77M4D1D	75.975M	73.238M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.4M	155.922M	156MD1D	164M	155.122M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.875M	19.04M	19M0D1D	4.38M	4.478M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.2M	37.631M	37M6D1D	3.38M	3.978M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.4M	77.261M	77M3D1D	3.44M	3.978M

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

Result

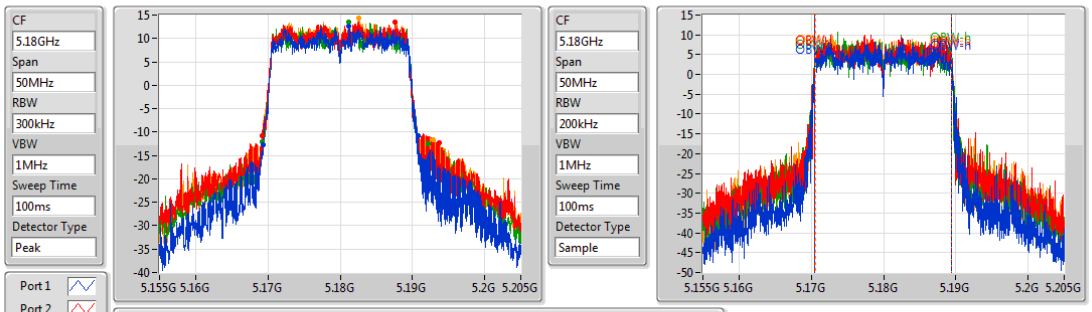
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.375M	18.991M	24.5M	18.941M	22.925M	19.015M	23.725M	18.916M
5200MHz	Pass	Inf	26.625M	18.966M	36.65M	19.04M	27.025M	19.065M	36.4M	19.04M
5240MHz	Pass	Inf	23.6M	19.015M	26.8M	18.991M	22.825M	19.04M	27.325M	19.015M
5260MHz	Pass	Inf	21.65M	18.991M	21.675M	18.916M	21.4M	19.015M	21.675M	18.966M
5300MHz	Pass	Inf	21.675M	18.941M	21.65M	18.991M	21.55M	18.941M	21.7M	18.991M
5320MHz	Pass	Inf	21.6M	18.991M	21.725M	18.966M	21.65M	18.966M	21.5M	18.991M
5500MHz	Pass	Inf	21.675M	18.941M	21.575M	18.966M	21.7M	18.941M	21.675M	18.966M
5580MHz	Pass	Inf	21.7M	18.941M	21.65M	18.991M	21.65M	18.966M	21.625M	18.991M
5700MHz	Pass	Inf	21.75M	18.991M	21.775M	18.966M	21.5M	18.916M	21.75M	19.015M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.69M	14.513M	15.765M	14.483M	15.72M	14.528M	15.795M	14.513M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.38M	4.498M	4.5M	4.498M	4.42M	4.478M	4.42M	4.478M
5745MHz	Pass	500k	18.75M	19.04M	18.875M	18.991M	18.425M	18.966M	18.5M	18.941M
5785MHz	Pass	500k	18.875M	18.991M	18.725M	18.991M	18.725M	19.015M	18.6M	18.991M
5825MHz	Pass	500k	18.775M	19.015M	18.2M	18.966M	18.8M	19.04M	18.175M	18.941M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.05M	37.481M	40.05M	37.531M	39.9M	37.631M	40.05M	37.481M
5230MHz	Pass	Inf	40.2M	37.631M	43.75M	37.581M	43.75M	37.681M	59.1M	37.681M
5270MHz	Pass	Inf	40.1M	37.531M	39.9M	37.481M	39.85M	37.581M	40M	37.531M
5310MHz	Pass	Inf	40.05M	37.631M	40.1M	37.581M	39.9M	37.531M	40.05M	37.481M
5510MHz	Pass	Inf	40.1M	37.481M	40M	37.531M	40.05M	37.631M	40.1M	37.531M
5550MHz	Pass	Inf	40M	37.581M	39.95M	37.531M	39.85M	37.531M	40.05M	37.581M
5670MHz	Pass	Inf	40.05M	37.581M	39.95M	37.631M	40M	37.581M	39.85M	37.531M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.035M	33.653M	35.105M	33.688M	35.14M	33.723M	35.035M	33.548M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.018M	3.38M	3.978M	3.42M	3.998M	3.38M	3.978M
5755MHz	Pass	500k	36.05M	37.581M	37.15M	37.631M	36.4M	37.581M	37.2M	37.581M
5795MHz	Pass	500k	36.9M	37.531M	36.5M	37.481M	36.7M	37.581M	37.15M	37.581M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.8M	77.061M	81.9M	76.862M	82M	77.361M	82M	76.962M
5290MHz	Pass	Inf	81.4M	76.962M	81.7M	76.962M	81.9M	76.862M	81.9M	77.061M
5530MHz	Pass	Inf	81.7M	77.061M	82.1M	77.061M	82.3M	77.061M	82.4M	77.361M
5610MHz	Pass	Inf	81.8M	77.261M	81.7M	77.161M	81.9M	76.862M	81.7M	76.862M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.975M	73.388M	76.275M	73.388M	75.975M	73.238M	75.975M	73.388M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.74M	3.998M	3.46M	4.018M	3.74M	3.978M	3.44M	3.998M
5775MHz	Pass	500k	76.3M	77.061M	75.2M	77.161M	76.4M	76.962M	76.3M	77.261M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	80.8M	77.081M	81.04M	77.081M	80.48M	77.321M	80.48M	77.001M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	80.96M	76.842M	80.8M	76.762M	80.64M	77.001M	81.28M	76.762M
5570MHz	Pass	Inf	164.8M	155.322M	165.4M	155.922M	164.4M	155.522M	164M	155.122M

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5180MHz

01/12/2018

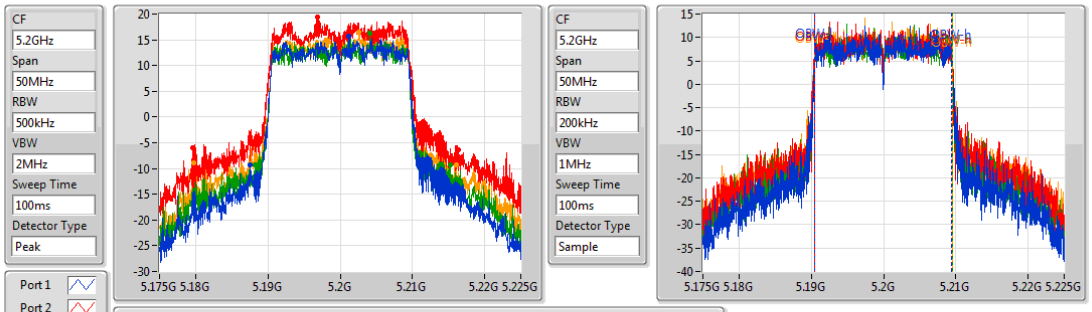


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.375M	5.16935G	5.190725G	18.991M	5.17048G	5.18947G	Inf	1
24.5M	5.169225G	5.193725G	18.941M	5.17048G	5.18942G	Inf	2
22.925M	5.1692G	5.192125G	19.015M	5.170455G	5.18947G	Inf	3
23.725M	5.169225G	5.19295G	18.916M	5.17053G	5.189445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5200MHz

01/12/2018

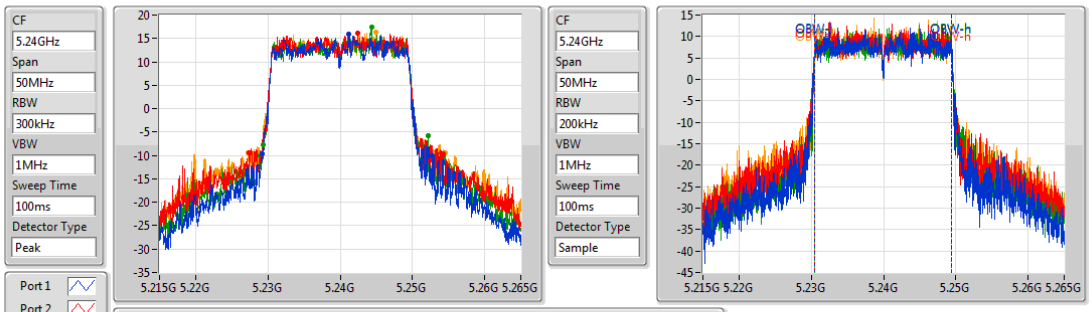


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.625M	5.187575G	5.2142G	18.966M	5.190505G	5.20947G	Inf	1
36.65M	5.17965G	5.2163G	19.04M	5.19043G	5.20947G	Inf	2
27.025M	5.188175G	5.2152G	19.065M	5.19043G	5.209495G	Inf	3
36.4M	5.179675G	5.216075G	19.04M	5.190455G	5.209495G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5240MHz

01/12/2018

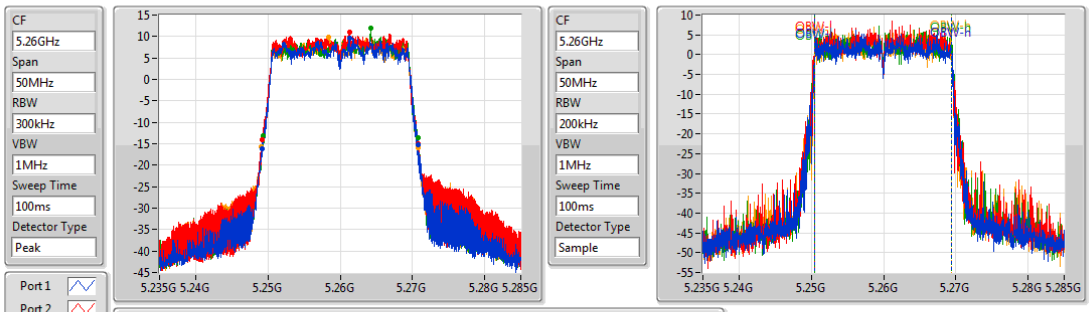


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
23.6M	5.2292G	5.2528G	19.015M	5.230455G	5.24947G	Inf	1
26.8M	5.227425G	5.254225G	18.991M	5.230455G	5.249445G	Inf	2
22.825M	5.22935G	5.252175G	19.04M	5.23043G	5.24947G	Inf	3
27.325M	5.22725G	5.254575G	19.015M	5.230455G	5.24947G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5260MHz

01/12/2018

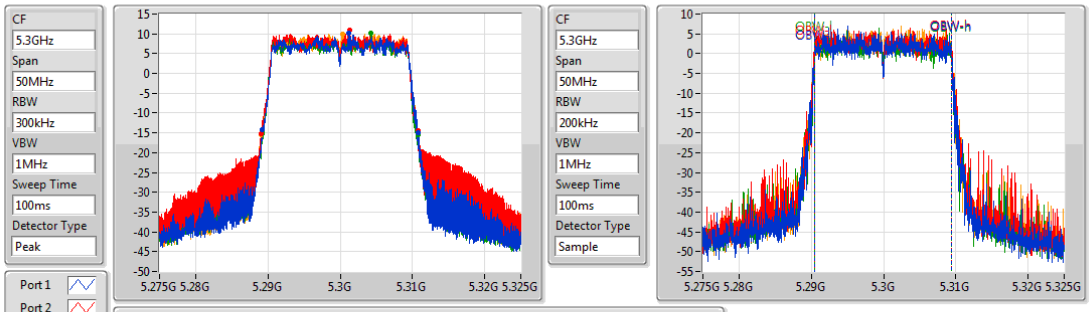


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.65M	5.249175G	5.270825G	18.991M	5.25048G	5.26947G	Inf	1
21.675M	5.249175G	5.27085G	18.916M	5.25048G	5.269395G	Inf	2
21.4M	5.249375G	5.270775G	19.015M	5.250455G	5.26947G	Inf	3
21.675M	5.249125G	5.2708G	18.966M	5.250455G	5.26942G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5300MHz

01/12/2018

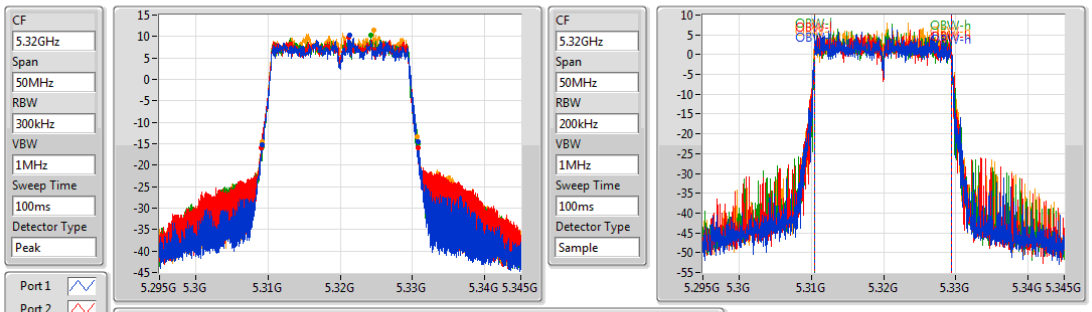


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.289175G	5.31085G	18.941M	5.29048G	5.30942G	Inf	1
21.65M	5.2891G	5.31075G	18.991M	5.29043G	5.30942G	Inf	2
21.55M	5.28925G	5.3108G	18.941M	5.290455G	5.309395G	Inf	3
21.7M	5.2891G	5.3108G	18.991M	5.290455G	5.309445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5320MHz

01/12/2018

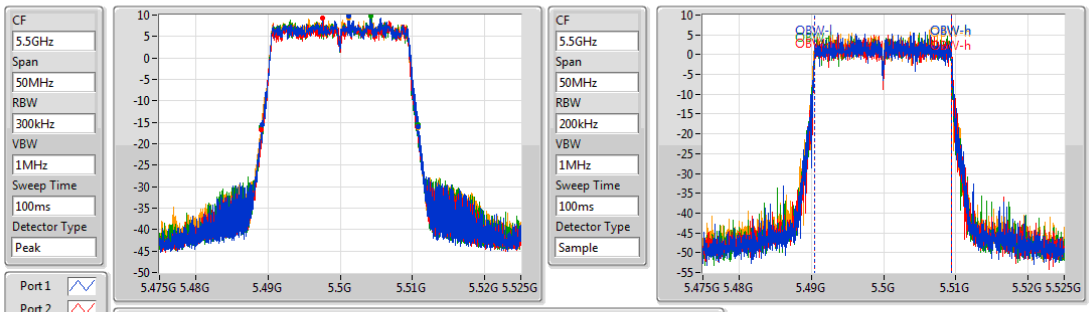


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.6M	5.309175G	5.330775G	18.991M	5.310455G	5.329445G	Inf	1
21.725M	5.309075G	5.3308G	18.966M	5.310455G	5.32942G	Inf	2
21.65M	5.309175G	5.330825G	18.966M	5.310455G	5.32942G	Inf	3
21.5M	5.30915G	5.33065G	18.991M	5.31043G	5.32942G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5500MHz

01/12/2018

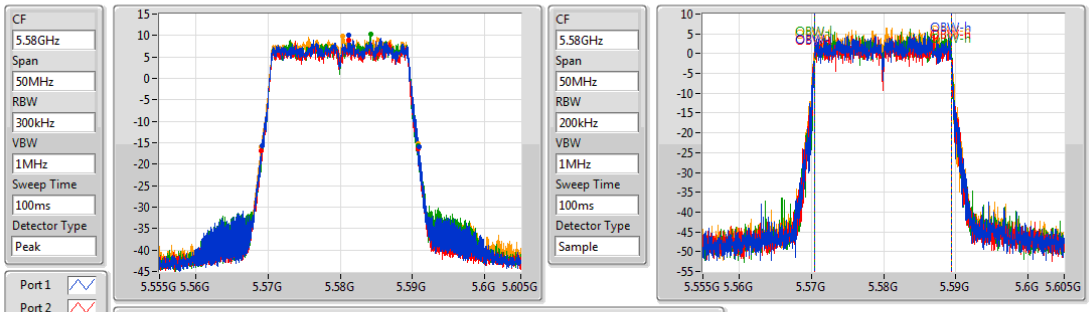


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.675M	5.489175G	5.51085G	18.941M	5.490455G	5.509395G	Inf	1
21.575M	5.489125G	5.5107G	18.966M	5.490455G	5.50942G	Inf	2
21.7M	5.489125G	5.510825G	18.941M	5.490455G	5.509395G	Inf	3
21.675M	5.489075G	5.51075G	18.966M	5.49043G	5.509395G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5580MHz

01/12/2018

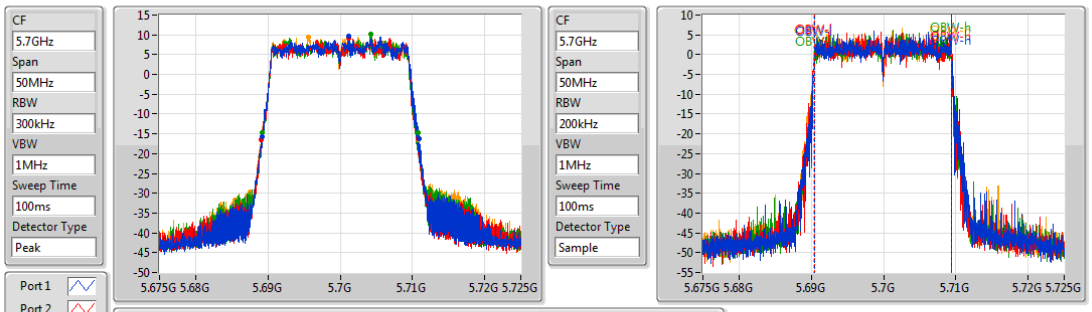


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.7M	5.569175G	5.590875G	18.941M	5.570455G	5.589395G	Inf	1
21.65M	5.569125G	5.590775G	18.991M	5.57043G	5.58942G	Inf	2
21.65M	5.5692G	5.59085G	18.966M	5.57043G	5.589395G	Inf	3
21.625M	5.5691G	5.590725G	18.991M	5.570405G	5.589395G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5700MHz

01/12/2018

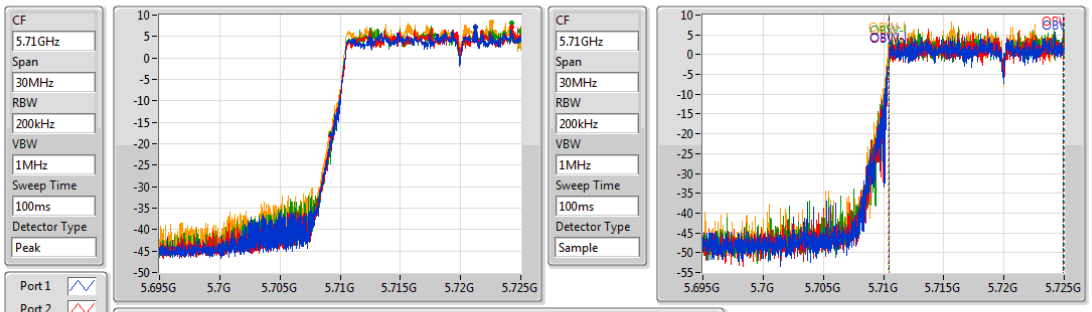


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.689175G	5.710925G	18.991M	5.69043G	5.70942G	Inf	1
21.775M	5.689025G	5.7108G	18.966M	5.690455G	5.70942G	Inf	2
21.5M	5.689275G	5.710775G	18.916M	5.690455G	5.70937G	Inf	3
21.75M	5.689025G	5.710775G	19.015M	5.69038G	5.709395G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.47-5.725GHz

01/12/2018

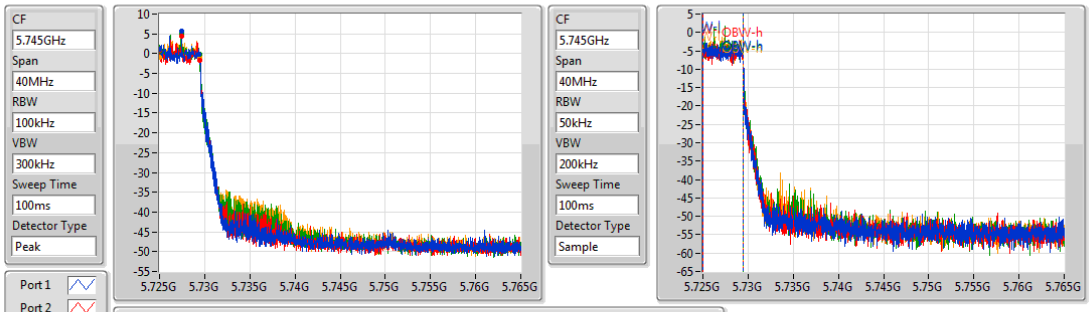


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.69M	5.70931G	5.725G	14.513M	5.71042G	5.724933G	Inf	1
15.765M	5.709235G	5.725G	14.483M	5.710465G	5.724948G	Inf	2
15.72M	5.70928G	5.725G	14.528M	5.710435G	5.724963G	Inf	3
15.795M	5.709205G	5.725G	14.513M	5.71039G	5.724903G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5720MHz Straddle 5.725-5.85GHz

01/12/2018

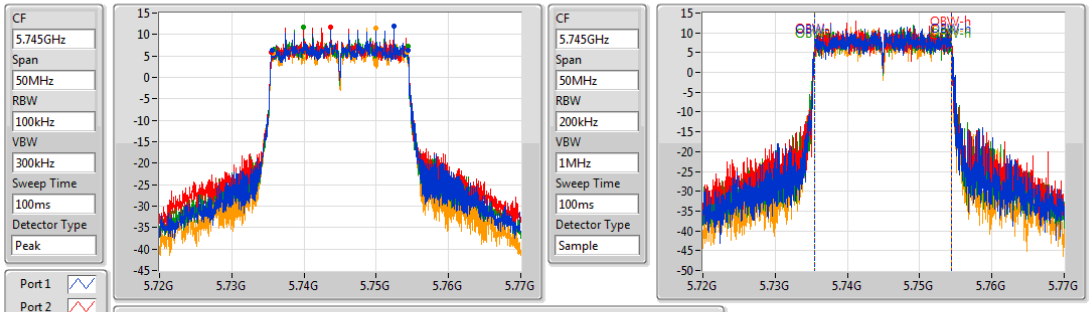


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.38M	5.725G	5.72938G	4.498M	5.72501G	5.729508G	500k	1
4.5M	5.725G	5.7295G	4.498M	5.72501G	5.729508G	500k	2
4.42M	5.725G	5.72942G	4.478M	5.72503G	5.729508G	500k	3
4.42M	5.725G	5.72942G	4.478M	5.72503G	5.729508G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

5745MHz

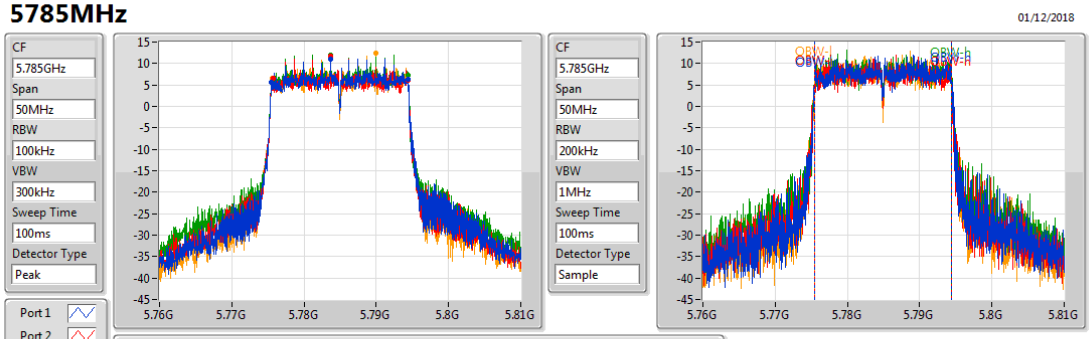
01/12/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.75M	5.73565G	5.7544G	19.04M	5.735405G	5.754445G	500k	1
18.875M	5.7355G	5.754375G	18.991M	5.735455G	5.754445G	500k	2
18.425M	5.735925G	5.75435G	18.966M	5.73543G	5.754395G	500k	3
18.5M	5.73575G	5.75425G	18.941M	5.735455G	5.754395G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

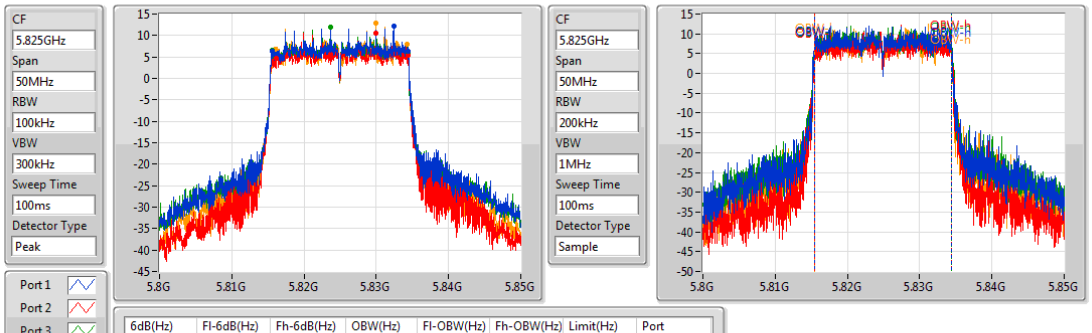
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.875M	5.7755G	5.794375G	18.991M	5.775455G	5.794445G	500k	1
18.725M	5.775675G	5.7944G	18.991M	5.77543G	5.79442G	500k	2
18.725M	5.775675G	5.7944G	19.015M	5.77543G	5.794445G	500k	3
18.6M	5.77565G	5.79425G	18.991M	5.775455G	5.794445G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **EBW**

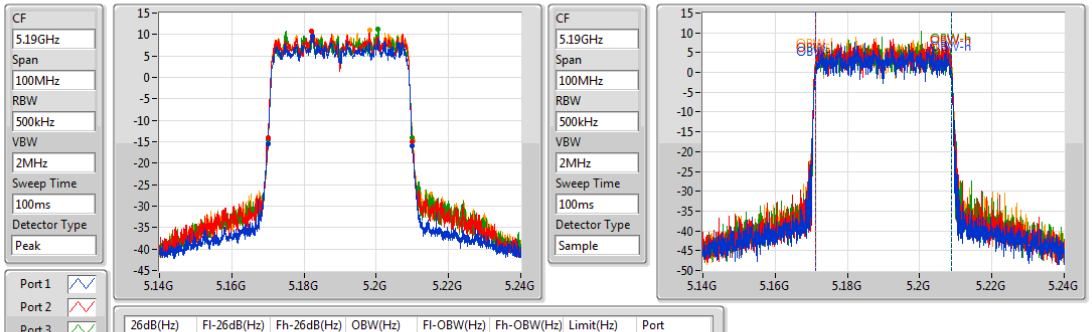
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.775M	5.815625G	5.8344G	19.015M	5.81543G	5.834445G	500k	1
18.2M	5.816175G	5.834375G	18.966M	5.815455G	5.83442G	500k	2
18.8M	5.81565G	5.83445G	19.04M	5.81543G	5.83447G	500k	3
18.175M	5.816025G	5.8342G	18.941M	5.815505G	5.834445G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5190MHz

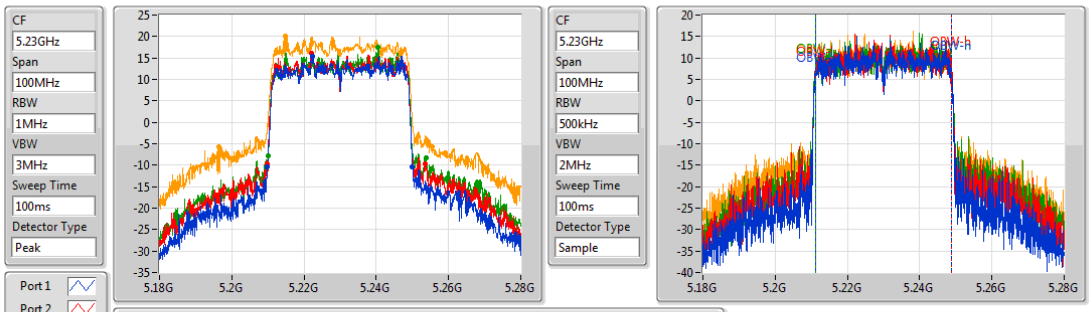


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.16995G	5.21G	37.481M	5.171209G	5.208691G	Inf	1
40.05M	5.16995G	5.21G	37.531M	5.171159G	5.208691G	Inf	2
39.9M	5.17005G	5.20995G	37.631M	5.171159G	5.208791G	Inf	3
40.05M	5.1701G	5.21015G	37.481M	5.171209G	5.208691G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5230MHz

01/12/2018

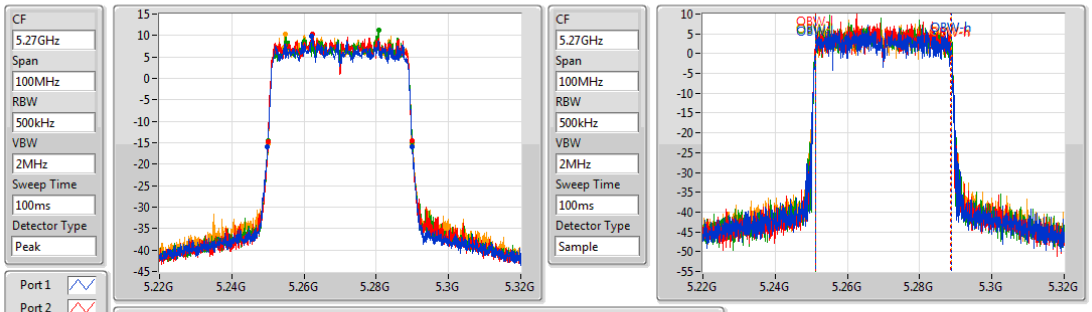


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.2M	5.20985G	5.25005G	37.631M	5.211159G	5.248791G	Inf	1
43.75M	5.2099G	5.25365G	37.581M	5.211209G	5.248791G	Inf	2
43.75M	5.2101G	5.25385G	37.681M	5.211159G	5.248841G	Inf	3
59.1M	5.1965G	5.2556G	37.681M	5.211109G	5.248791G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5270MHz

01/12/2018

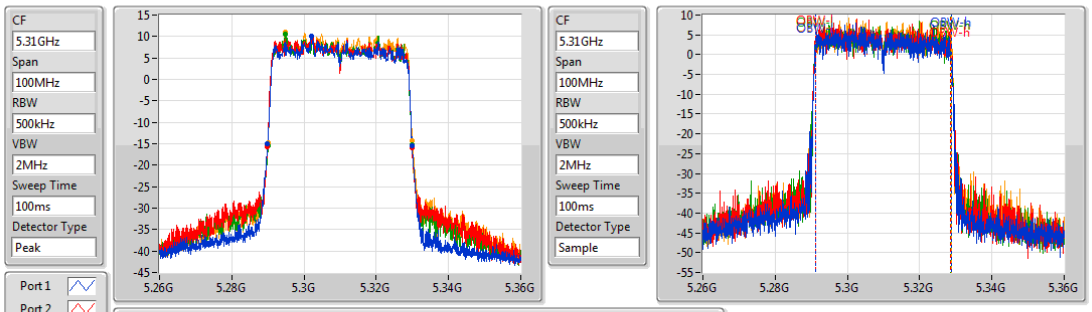


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.2499G	5.29G	37.531M	5.251159G	5.288691G	Inf	1
39.9M	5.24995G	5.28985G	37.481M	5.251159G	5.288641G	Inf	2
39.85M	5.2501G	5.28995G	37.581M	5.251209G	5.288791G	Inf	3
40M	5.25005G	5.29005G	37.531M	5.251209G	5.288741G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5310MHz

01/12/2018

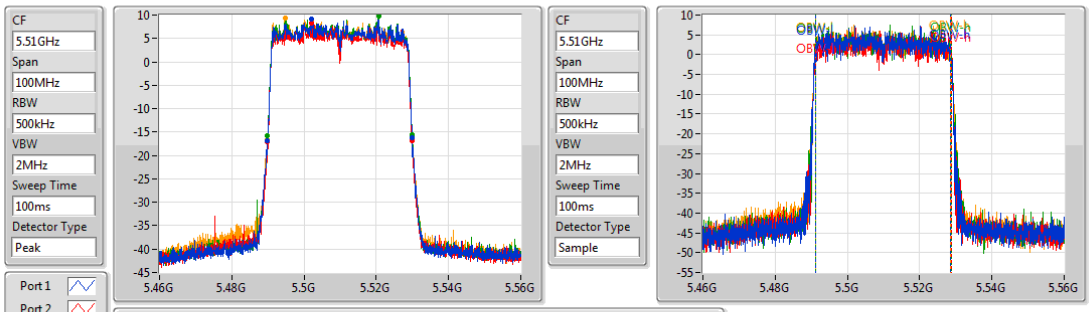


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.2899G	5.32995G	37.631M	5.291109G	5.328741G	Inf	1
40.1M	5.2898G	5.3299G	37.581M	5.291059G	5.328641G	Inf	2
39.9M	5.29G	5.3299G	37.531M	5.291109G	5.328641G	Inf	3
40.05M	5.28995G	5.33G	37.481M	5.291259G	5.328741G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5510MHz

01/12/2018

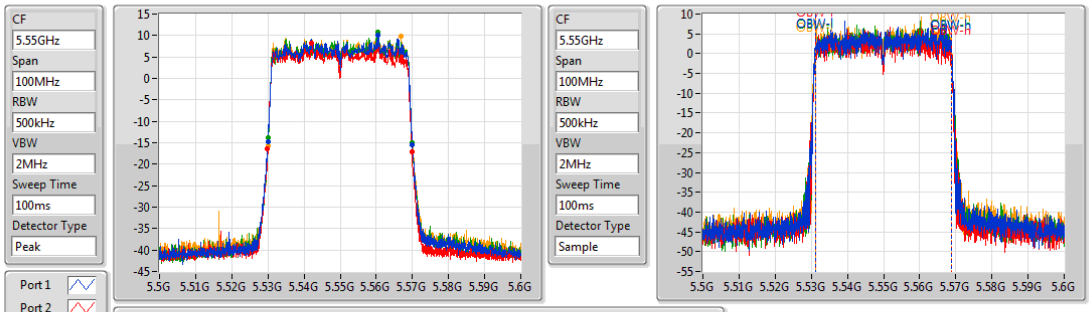


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.48985G	5.52995G	37.481M	5.491159G	5.528641G	Inf	1
40M	5.48985G	5.52985G	37.531M	5.491159G	5.528691G	Inf	2
40.05M	5.4899G	5.52995G	37.631M	5.491059G	5.528691G	Inf	3
40.1M	5.4899G	5.53G	37.531M	5.491109G	5.528641G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5550MHz

01/12/2018

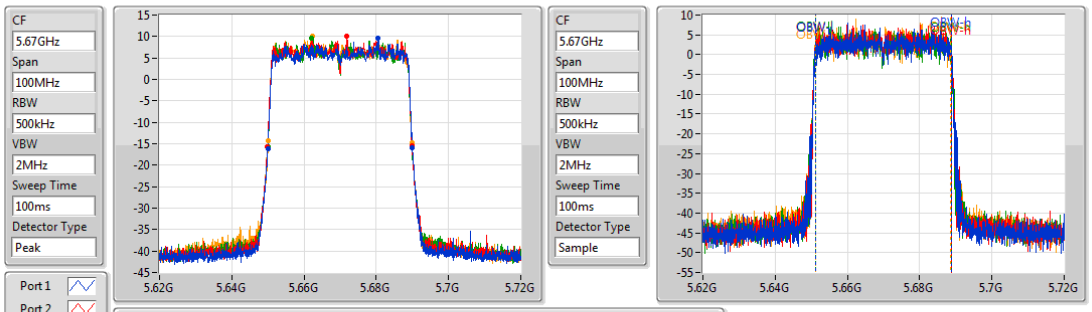


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.53G	5.57G	37.581M	5.531159G	5.568741G	Inf	1
39.95M	5.5299G	5.56985G	37.531M	5.531159G	5.568691G	Inf	2
39.85M	5.53005G	5.5699G	37.531M	5.531159G	5.568691G	Inf	3
40.05M	5.53G	5.57005G	37.581M	5.531159G	5.568741G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5670MHz

01/12/2018

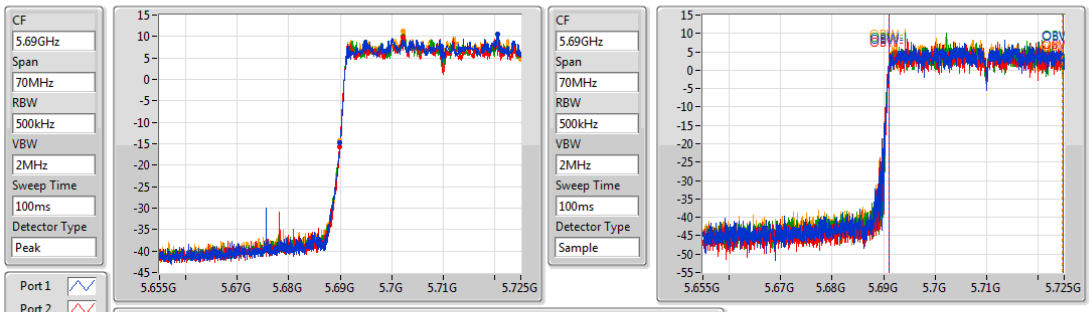


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.05M	5.64995G	5.69G	37.581M	5.651109G	5.688691G	Inf	1
39.95M	5.6499G	5.68985G	37.631M	5.651109G	5.688741G	Inf	2
40M	5.64995G	5.68995G	37.581M	5.651109G	5.688691G	Inf	3
39.85M	5.65G	5.68985G	37.531M	5.651109G	5.688641G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.47-5.725GHz

01/12/2018

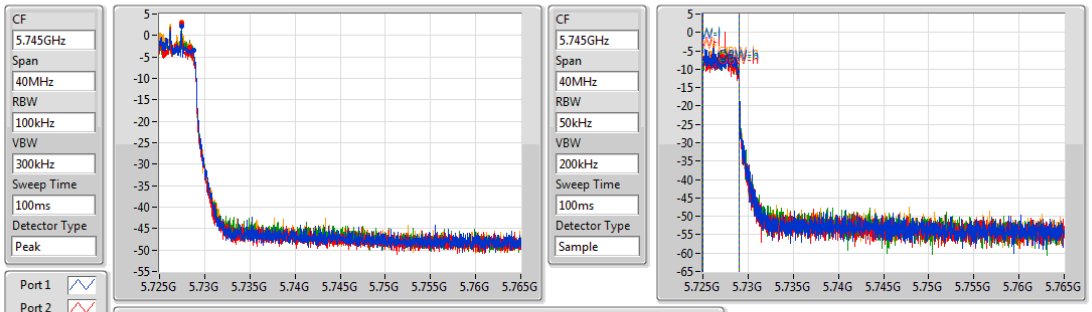


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.035M	5.689965G	5.725G	33.653M	5.691119G	5.724773G	Inf	1
35.105M	5.689895G	5.725G	33.688M	5.691084G	5.724773G	Inf	2
35.14M	5.68986G	5.725G	33.723M	5.691049G	5.724773G	Inf	3
35.035M	5.689965G	5.725G	33.548M	5.691154G	5.724703G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5710MHz Straddle 5.725-5.85GHz

01/12/2018

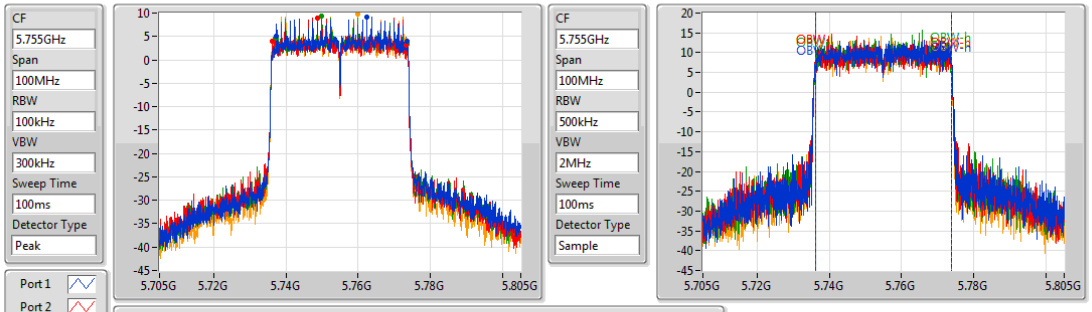


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.76M	5.725G	5.72876G	4.018M	5.72501G	5.729028G	500k	1
3.38M	5.725G	5.72838G	3.978M	5.72503G	5.729008G	500k	2
3.42M	5.72502G	5.72844G	3.998M	5.72501G	5.729008G	500k	3
3.38M	5.725G	5.72838G	3.978M	5.72503G	5.729008G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

5755MHz

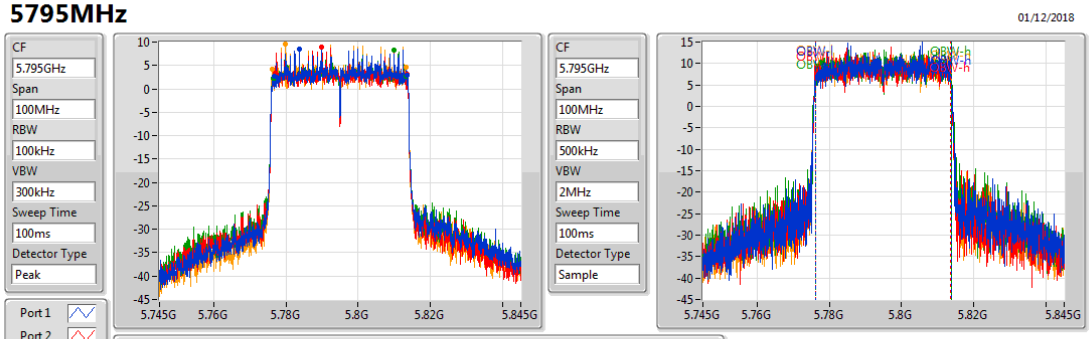
01/12/2018



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	5.73735G	5.7734G	37.581M	5.736159G	5.773741G	500k	1
37.15M	5.73615G	5.7733G	37.631M	5.736109G	5.773741G	500k	2
36.4M	5.73705G	5.77345G	37.581M	5.736159G	5.773741G	500k	3
37.2M	5.73615G	5.77335G	37.581M	5.736109G	5.773691G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **EBW**

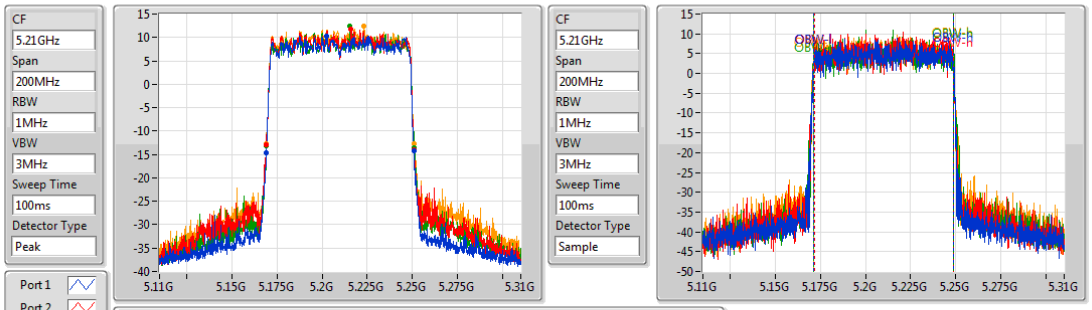
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.9M	5.77675G	5.81365G	37.531M	5.776159G	5.813691G	500k	1
36.5M	5.7769G	5.8134G	37.481M	5.776159G	5.813641G	500k	2
36.7M	5.7765G	5.8132G	37.581M	5.776159G	5.813741G	500k	3
37.15M	5.77615G	5.8133G	37.581M	5.776109G	5.813691G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

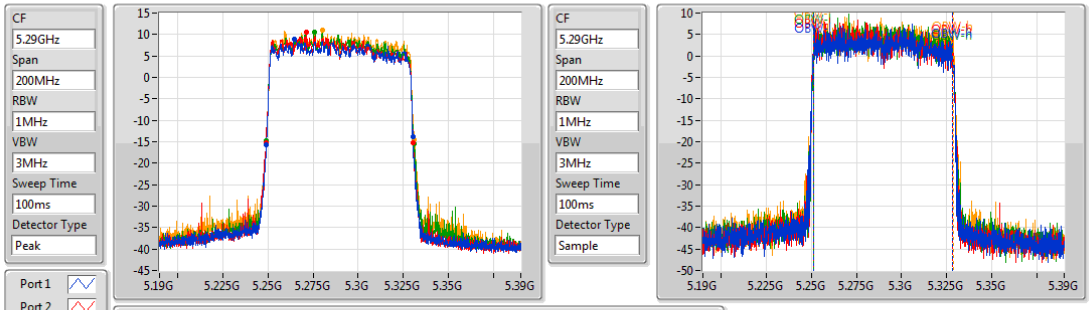
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.1691G	5.2509G	77.061M	5.171419G	5.248481G	Inf	1
81.9M	5.169G	5.2509G	76.862M	5.171619G	5.248481G	Inf	2
82M	5.1692G	5.2512G	77.361M	5.171319G	5.248681G	Inf	3
82M	5.1691G	5.2511G	76.962M	5.171519G	5.248481G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5290MHz

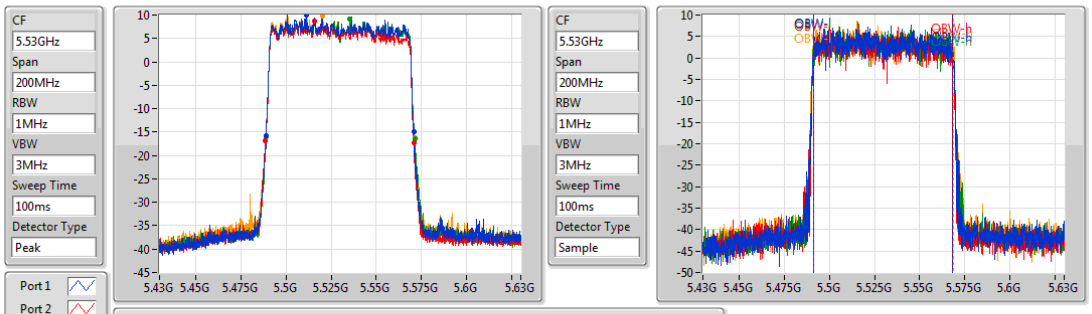


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.4M	5.2491G	5.3305G	76.962M	5.251219G	5.328181G	Inf	1
81.7M	5.2488G	5.3305G	76.962M	5.251319G	5.328281G	Inf	2
81.9M	5.2491G	5.331G	76.862M	5.251319G	5.328181G	Inf	3
81.9M	5.2491G	5.331G	77.061M	5.251419G	5.328481G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5530MHz

01/12/2018

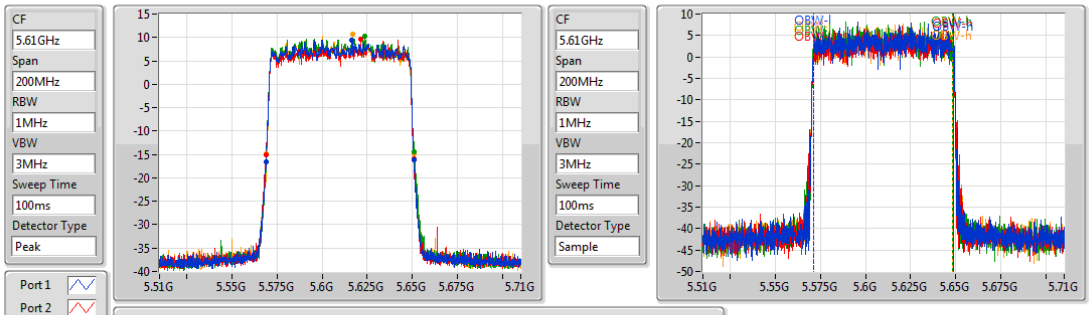


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.7M	5.489G	5.5707G	77.061M	5.491319G	5.568381G	Inf	1
82.1M	5.4887G	5.5708G	77.061M	5.491219G	5.568281G	Inf	2
82.3M	5.489G	5.5713G	77.061M	5.491319G	5.568381G	Inf	3
82.4M	5.4889G	5.5713G	77.361M	5.491219G	5.568581G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5610MHz

01/12/2018

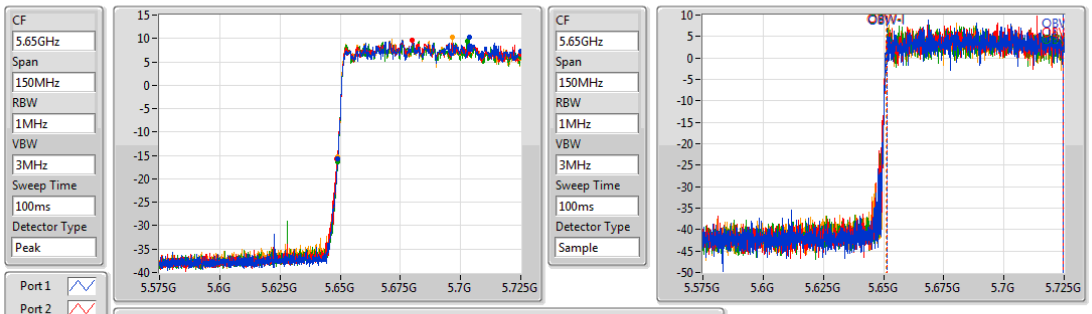


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.8M	5.569G	5.6508G	77.261M	5.571319G	5.648581G	Inf	1
81.7M	5.569G	5.6507G	77.161M	5.571319G	5.648481G	Inf	2
81.9M	5.5691G	5.651G	76.862M	5.571419G	5.648281G	Inf	3
81.7M	5.5692G	5.6509G	76.862M	5.571419G	5.648281G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.47-5.725GHz

01/12/2018

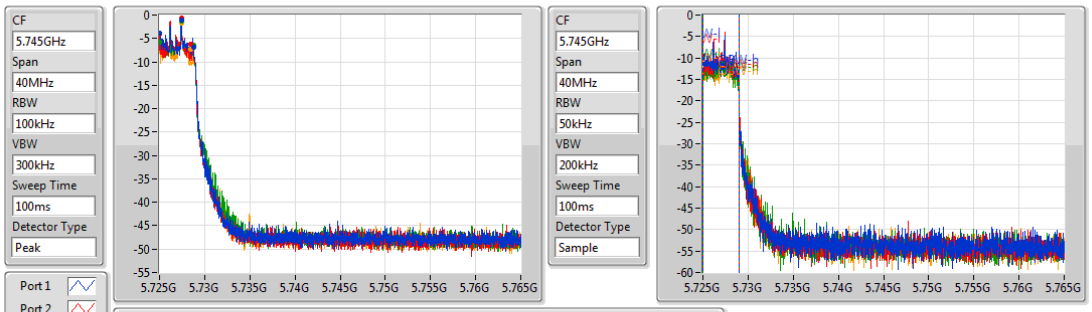


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.975M	5.649025G	5.725G	73.388M	5.651274G	5.724663G	Inf	1
76.275M	5.648725G	5.725G	73.388M	5.651274G	5.724663G	Inf	2
75.975M	5.649025G	5.725G	73.238M	5.651274G	5.724513G	Inf	3
75.975M	5.649025G	5.725G	73.388M	5.651124G	5.724513G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5690MHz Straddle 5.725-5.85GHz

01/12/2018

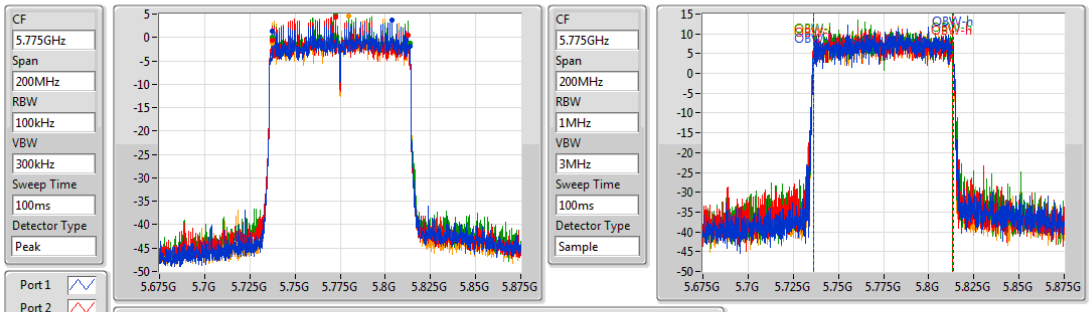


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.74M	5.725G	5.72874G	3.998M	5.72501G	5.729008G	500k	1
3.46M	5.725G	5.72846G	4.018M	5.72501G	5.729028G	500k	2
3.74M	5.725G	5.72874G	3.978M	5.72503G	5.729008G	500k	3
3.44M	5.725G	5.72844G	3.998M	5.72503G	5.729028G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **EBW**

5775MHz

01/12/2018

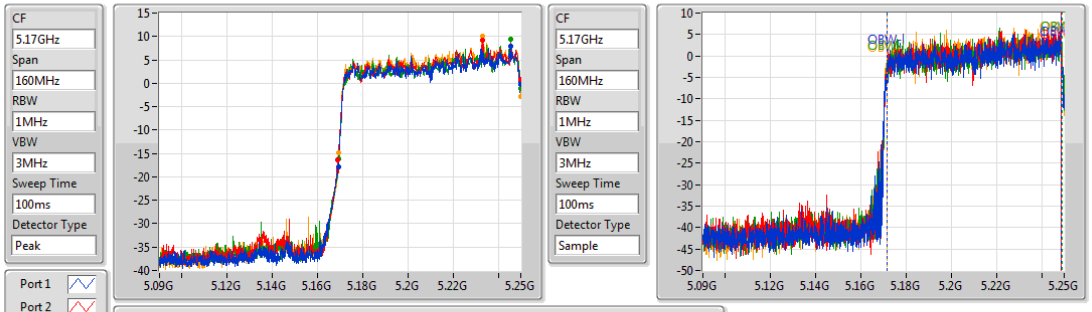


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.3M	5.7374G	5.8137G	77.061M	5.736519G	5.813581G	500k	1
75.2M	5.7373G	5.8125G	77.161M	5.736219G	5.813381G	500k	2
76.4M	5.7373G	5.8137G	76.962M	5.736419G	5.813381G	500k	3
76.3M	5.7372G	5.8135G	77.261M	5.736319G	5.813581G	500k	4

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

5250MHz Straddle 5.15-5.25GHz

01/12/2018

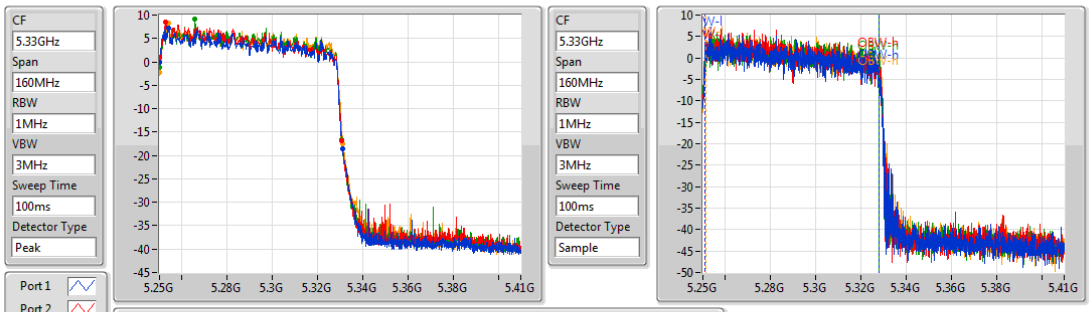


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.8M	5.1692G	5.25G	77.081M	5.171679G	5.248761G	Inf	1
81.04M	5.16896G	5.25G	77.081M	5.171759G	5.248841G	Inf	2
80.48M	5.16952G	5.25G	77.321M	5.171679G	5.249G	Inf	3
80.48M	5.16952G	5.25G	77.001M	5.171759G	5.248761G	Inf	4

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

5250MHz Straddle 5.25-5.35GHz

01/12/2018

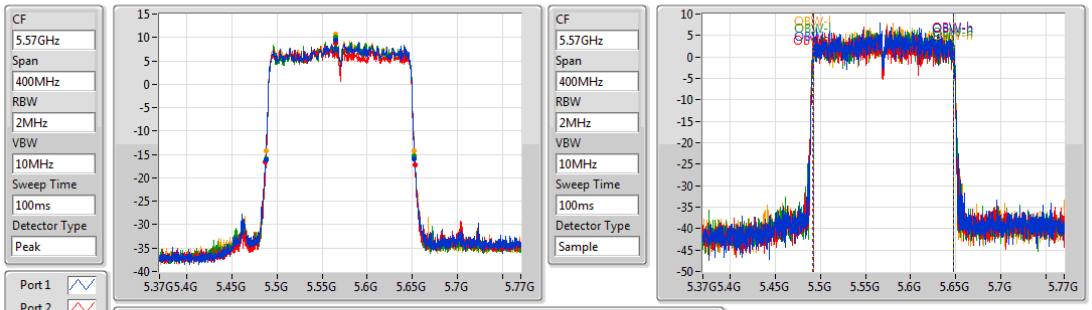


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.96M	5.25G	5.33096G	76.842M	5.251G	5.327841G	Inf	1
80.8M	5.25G	5.3308G	76.762M	5.251079G	5.327841G	Inf	2
80.64M	5.25G	5.33064G	77.001M	5.251G	5.328001G	Inf	3
81.28M	5.25G	5.33128G	76.762M	5.251159G	5.327921G	Inf	4

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

5570MHz

01/12/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.8M	5.4876G	5.6524G	155.322M	5.492239G	5.647561G	Inf	1
165.4M	5.4872G	5.6526G	155.922M	5.491839G	5.647761G	Inf	2
164.4M	5.488G	5.6524G	155.522M	5.492239G	5.647761G	Inf	3
164M	5.4882G	5.6522G	155.122M	5.492039G	5.647161G	Inf	4

For 802.11ac mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.68	0.92897
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	29.74	0.94189
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.65	0.23174
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	20.02	0.10046
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	23.65	0.23174
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.66	0.23227
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.68	0.23335
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	20.12	0.10280
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.98	0.19861
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	23.02	0.20045
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	23.02	0.20045
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	22.87	0.19364
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.04	0.80168
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	29.04	0.80168
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	26.11	0.40832

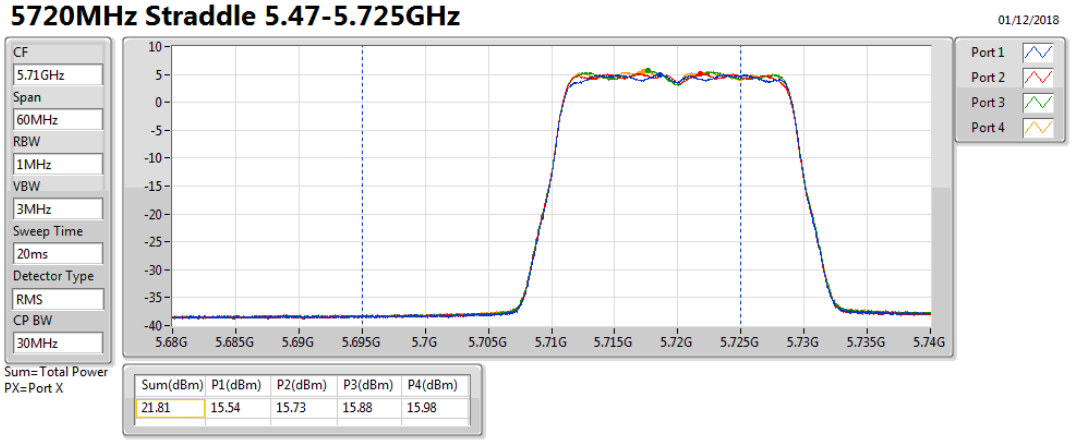
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.23	20.16	20.69	20.02	20.84	26.46	29.77
5200MHz	Pass	6.23	23.63	23.46	23.29	24.08	29.65	29.77
5240MHz	Pass	6.23	23.46	23.85	23.35	23.96	29.68	29.77
5260MHz	Pass	6.23	17.37	17.95	17.73	17.41	23.64	23.75
5300MHz	Pass	6.23	17.22	17.45	17.82	17.97	23.65	23.75
5320MHz	Pass	6.23	17.14	17.48	17.29	18.09	23.54	23.75
5500MHz	Pass	6.93	16.95	16.87	16.74	17.23	22.97	23.05
5580MHz	Pass	6.93	17.08	16.45	17.07	17.21	22.98	23.05
5700MHz	Pass	6.93	16.71	16.91	16.96	17.08	22.94	23.05
5720MHz Straddle 5.47-5.725GHz	Pass	6.93	15.54	15.73	15.88	15.98	21.81	22.01
5720MHz Straddle 5.725-5.85GHz	Pass	6.93	9.96	10.01	10.18	10.18	16.10	29.07
5745MHz	Pass	6.93	22.88	23.12	23.06	22.71	28.97	29.07
5785MHz	Pass	6.93	23.08	22.55	23.15	23.19	29.02	29.07
5825MHz	Pass	6.93	23.12	22.59	23.03	23.31	29.04	29.07
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.23	18.04	18.23	18.09	18.76	24.31	29.77
5230MHz	Pass	6.23	23.39	23.66	23.74	24.06	29.74	29.77
5270MHz	Pass	6.23	16.72	17.83	17.61	17.97	23.58	23.75
5310MHz	Pass	6.23	17.27	17.45	17.58	18.21	23.66	23.75
5510MHz	Pass	6.93	16.88	16.53	16.82	17.08	22.85	23.05
5550MHz	Pass	6.93	16.90	16.47	17.14	17.23	22.97	23.05
5670MHz	Pass	6.93	16.59	17.10	16.85	16.94	22.89	23.05
5710MHz Straddle 5.47-5.725GHz	Pass	6.93	16.90	17.07	16.81	17.20	23.02	23.05
5710MHz Straddle 5.725-5.85GHz	Pass	6.93	6.27	6.30	6.18	6.56	12.35	29.07
5755MHz	Pass	6.93	22.93	22.89	23.35	22.75	29.01	29.07
5795MHz	Pass	6.93	23.13	22.52	23.24	23.16	29.04	29.07
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.23	17.06	17.81	17.64	17.97	23.65	29.77
5290MHz	Pass	6.23	16.87	17.73	17.89	18.06	23.68	23.75
5530MHz	Pass	6.93	16.91	16.67	17.15	17.08	22.98	23.05
5610MHz	Pass	6.93	17.08	16.42	17.09	17.37	23.02	23.05
5690MHz Straddle 5.47-5.725GHz	Pass	6.93	16.95	16.92	17.20	16.59	22.94	23.05
5690MHz Straddle 5.725-5.85GHz	Pass	6.93	1.82	1.65	1.92	1.29	7.70	29.07
5775MHz	Pass	6.93	19.93	20.08	20.12	20.24	26.11	29.07
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.23	13.58	14.20	13.47	14.63	20.02	29.77
5250MHz Straddle 5.25-5.35GHz	Pass	6.23	13.68	14.34	14.16	14.18	20.12	23.75
5570MHz	Pass	6.93	17.05	16.56	16.62	17.14	22.87	23.05

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

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

5720MHz Straddle 5.47-5.725GHz

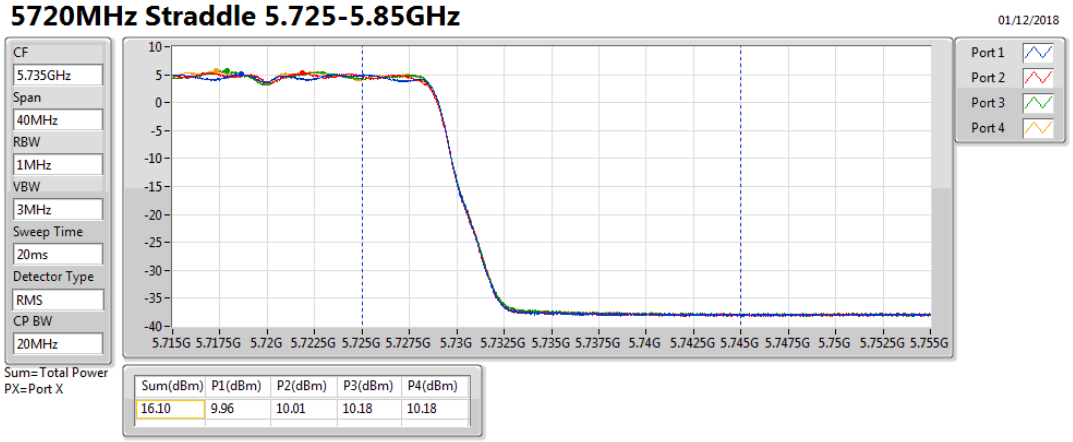


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.81	15.54	15.73	15.88	15.98

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

5720MHz Straddle 5.725-5.85GHz

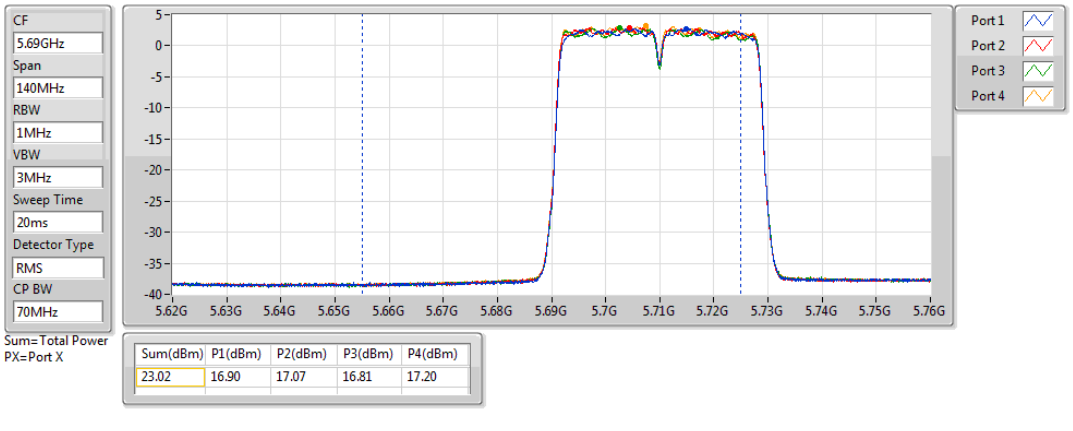


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.10	9.96	10.01	10.18	10.18

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

5710MHz Straddle 5.47-5.725GHz

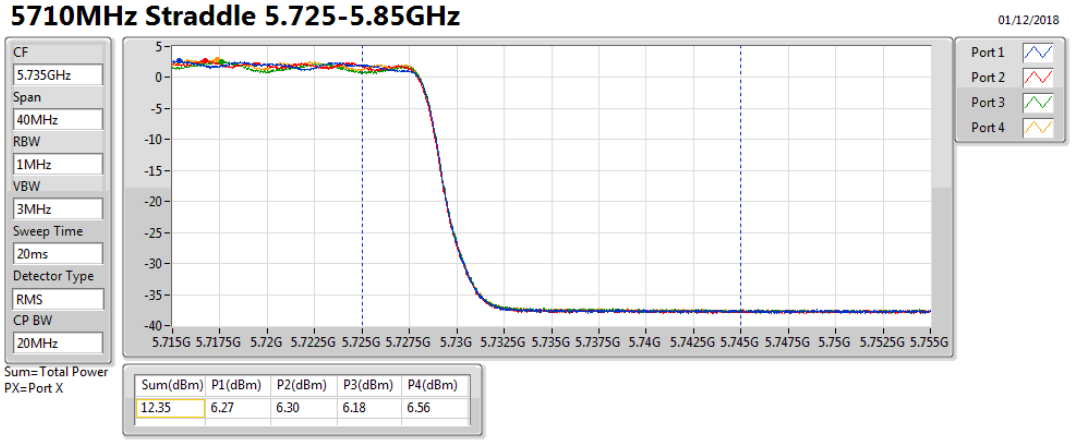


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.02	16.90	17.07	16.81	17.20

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

5710MHz Straddle 5.725-5.85GHz

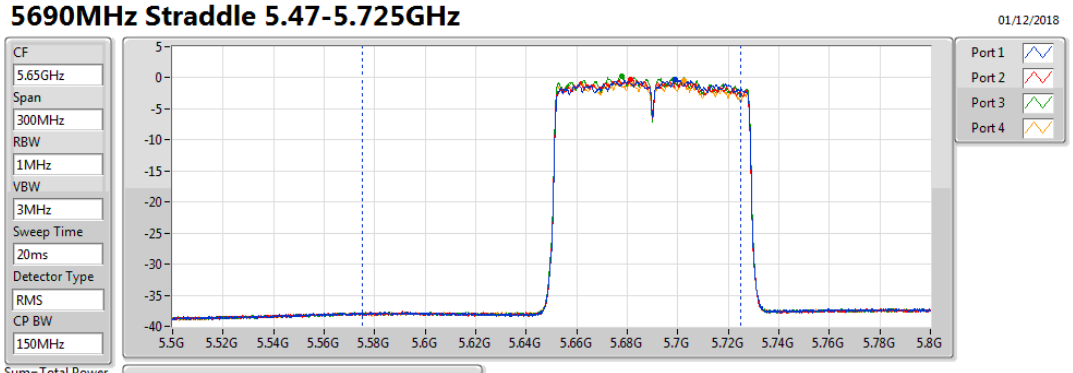


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.35	6.27	6.30	6.18	6.56

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

5690MHz Straddle 5.47-5.725GHz

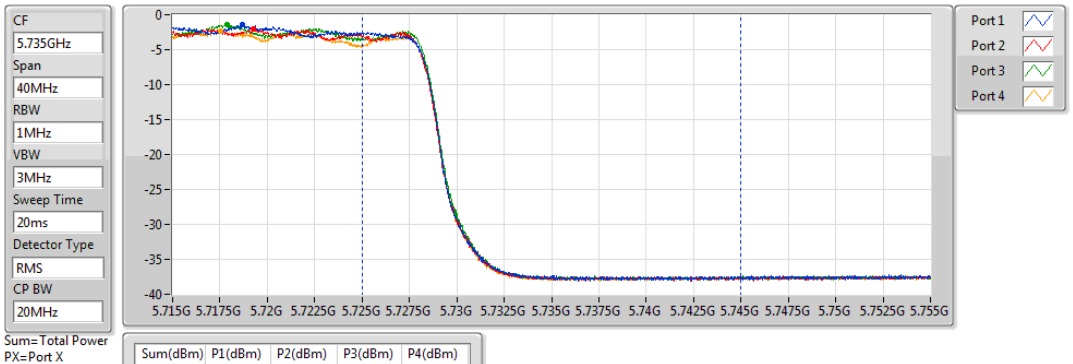


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.94	16.95	16.92	17.20	16.59

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

5690MHz Straddle 5.725-5.85GHz



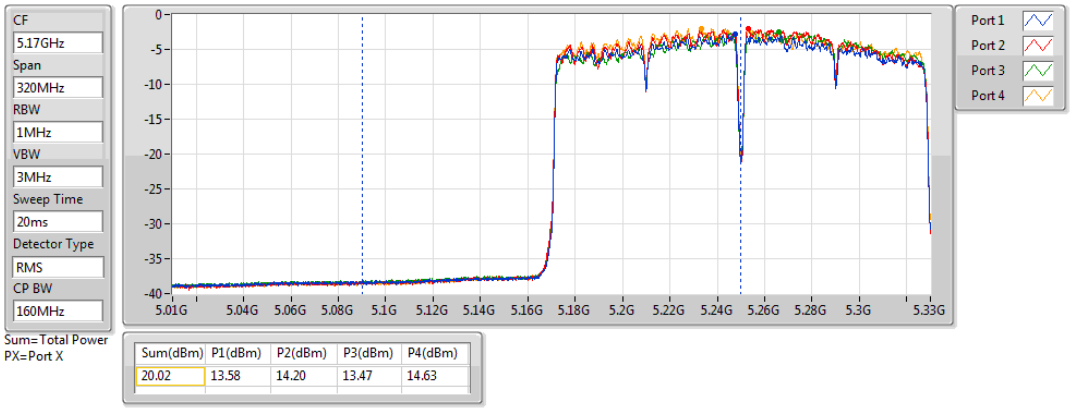
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.70	1.82	1.65	1.92	1.29

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

5250MHz Straddle 5.15-5.25GHz

01/12/2018

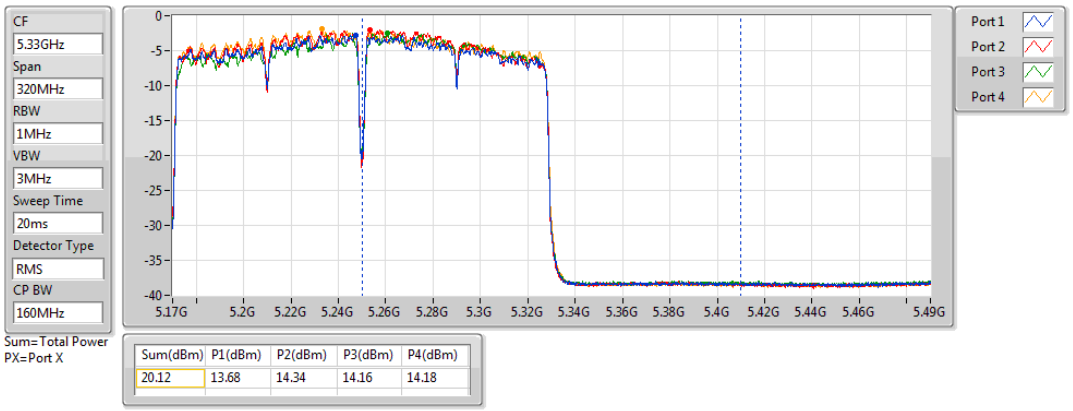


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.02	13.58	14.20	13.47	14.63

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

5250MHz Straddle 5.25-5.35GHz

01/12/2018



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.12	13.68	14.34	14.16	14.18

For 802.11ax mode:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.66	0.92470
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.64	0.92045
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.16	0.32810
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.96	0.12474
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.71	0.23496
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.02	0.12647
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.96	0.19770
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.02	0.20045
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.02	0.20045
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.92	0.19588
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.02	0.79799
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.03	0.79983
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.83	0.48195

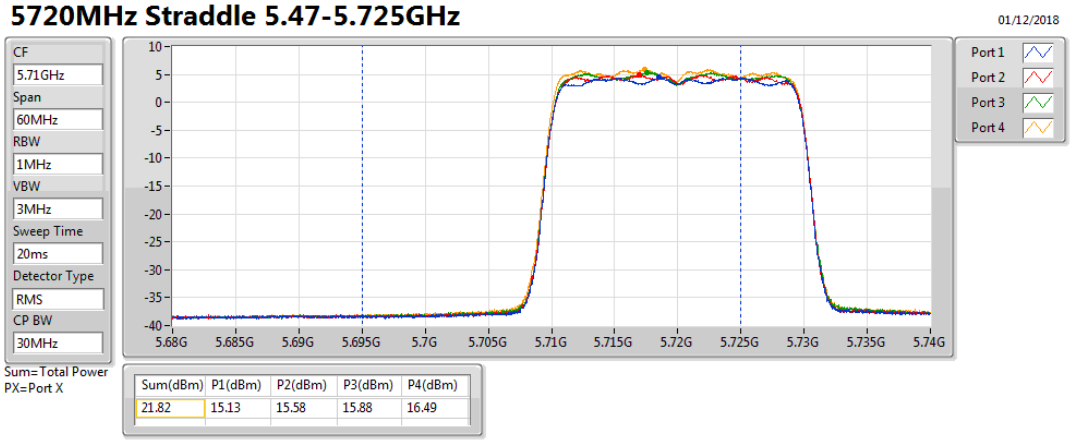
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.23	20.42	21.49	20.65	21.57	27.08	29.77
5200MHz	Pass	6.23	23.18	23.82	23.43	24.08	29.66	29.77
5240MHz	Pass	6.23	23.21	23.98	23.52	23.74	29.64	29.77
5260MHz	Pass	6.23	17.17	18.04	17.58	17.75	23.67	23.75
5300MHz	Pass	6.23	17.29	18.21	17.35	17.92	23.73	23.75
5320MHz	Pass	6.23	17.16	17.67	17.64	18.25	23.72	23.75
5500MHz	Pass	6.93	16.65	16.59	16.83	17.29	22.87	23.05
5580MHz	Pass	6.93	16.75	16.33	16.87	17.23	22.83	23.05
5700MHz	Pass	6.93	16.71	17.14	16.53	17.32	22.96	23.05
5720MHz Straddle 5.47-5.725GHz	Pass	6.93	15.13	15.58	15.88	16.49	21.82	22.03
5720MHz Straddle 5.725-5.85GHz	Pass	6.93	10.26	10.15	10.73	10.93	16.55	29.07
5745MHz	Pass	6.93	22.77	23.21	23.16	22.43	28.92	29.07
5785MHz	Pass	6.93	23.12	22.56	23.03	23.25	29.02	29.07
5825MHz	Pass	6.93	23.05	22.61	23.47	22.78	29.01	29.07
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.23	17.33	17.78	17.92	18.16	23.83	29.77
5230MHz	Pass	6.23	23.12	23.64	23.75	23.91	29.64	29.77
5270MHz	Pass	6.23	17.14	17.67	17.72	17.98	23.66	23.75
5310MHz	Pass	6.23	17.28	17.51	17.64	18.25	23.71	23.75
5510MHz	Pass	6.93	17.04	16.32	16.94	17.14	22.89	23.05
5550MHz	Pass	6.93	16.65	16.52	17.46	17.28	23.02	23.05
5670MHz	Pass	6.93	16.89	17.07	16.82	17.17	23.01	23.05
5710MHz Straddle 5.47-5.725GHz	Pass	6.93	16.98	16.71	16.87	17.36	23.01	23.05
5710MHz Straddle 5.725-5.85GHz	Pass	6.93	7.33	6.73	6.97	7.52	13.17	29.07
5755MHz	Pass	6.93	23.02	22.84	23.27	22.91	29.03	29.07
5795MHz	Pass	6.93	23.07	22.45	23.12	22.76	28.88	29.07
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.23	18.73	19.32	18.84	19.62	25.16	29.77
5290MHz	Pass	6.23	17.07	17.39	17.91	18.03	23.64	23.75
5530MHz	Pass	6.93	17.08	16.45	16.79	17.11	22.89	23.05
5610MHz	Pass	6.93	16.94	16.52	17.38	17.13	23.02	23.05
5690MHz Straddle 5.47-5.725GHz	Pass	6.93	17.13	16.97	16.85	16.95	23.00	23.05
5690MHz Straddle 5.725-5.85GHz	Pass	6.93	3.62	3.26	3.15	2.88	9.26	29.07
5775MHz	Pass	6.93	20.63	20.80	21.24	20.53	26.83	29.07
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.23	14.36	15.12	14.61	15.56	20.96	29.77
5250MHz Straddle 5.25-5.35GHz	Pass	6.23	14.23	15.14	15.42	15.10	21.02	23.75
5570MHz	Pass	6.93	16.85	16.73	16.68	17.32	22.92	23.05

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

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

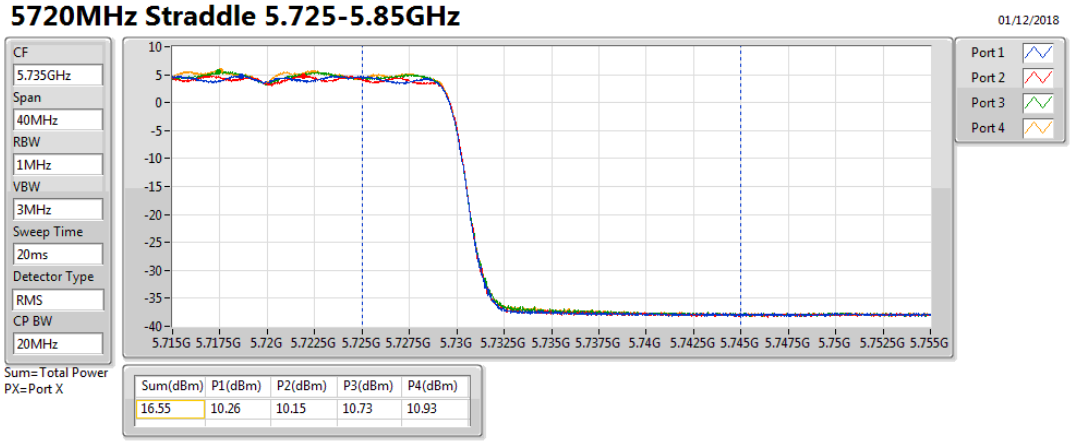
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.82	15.13	15.58	15.88	16.49

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

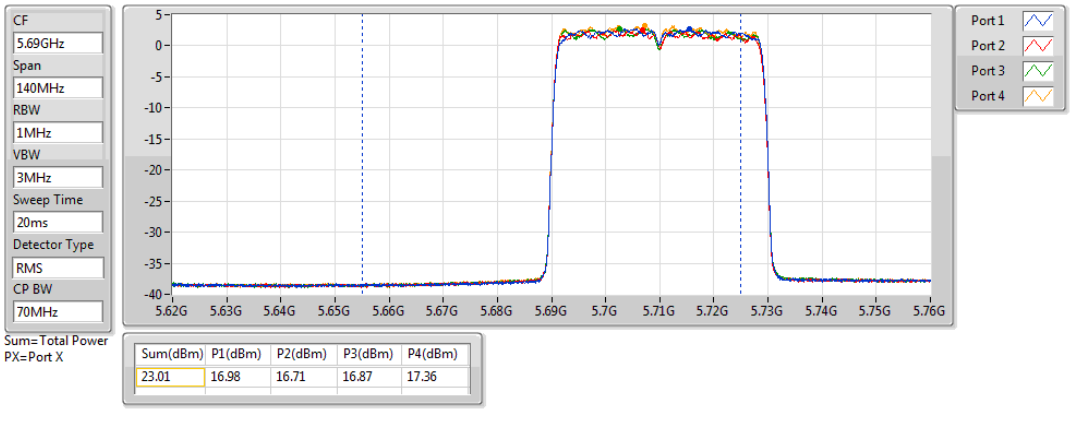
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.55	10.26	10.15	10.73	10.93

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

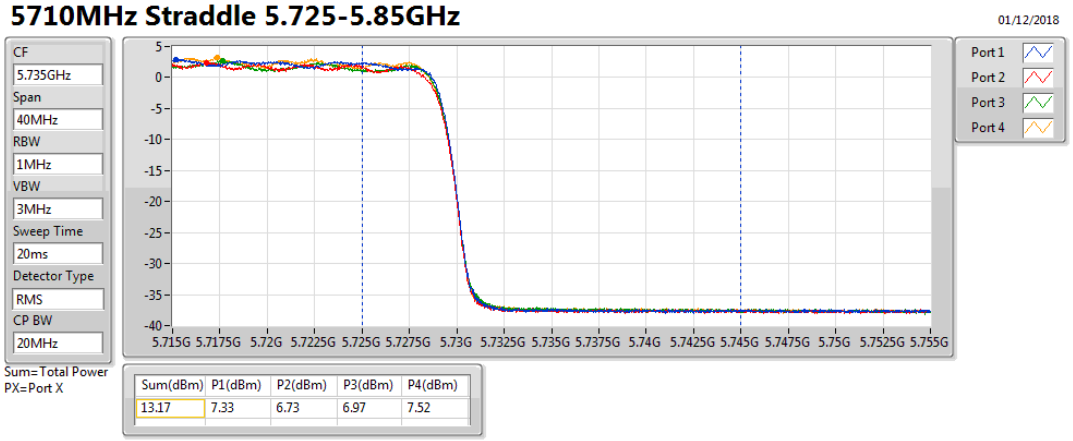
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.01	16.98	16.71	16.87	17.36

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

5710MHz Straddle 5.725-5.85GHz

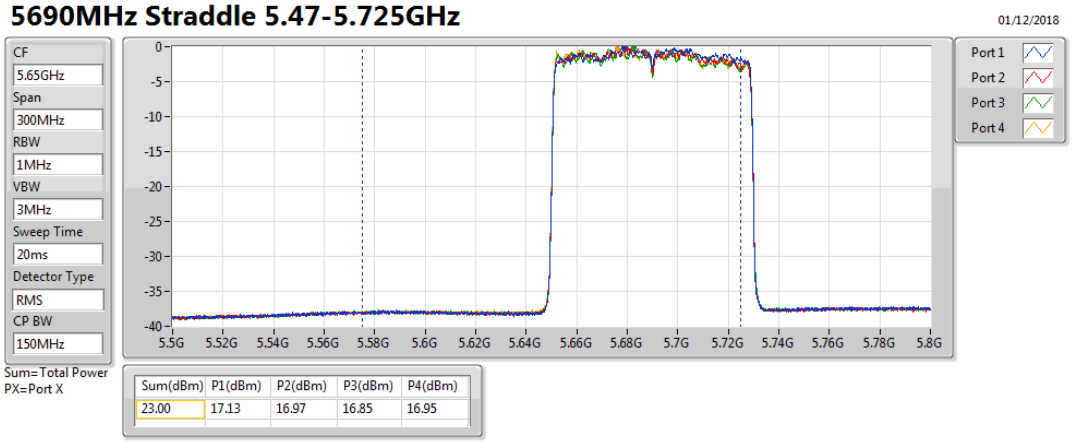


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.17	7.33	6.73	6.97	7.52

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

5690MHz Straddle 5.47-5.725GHz

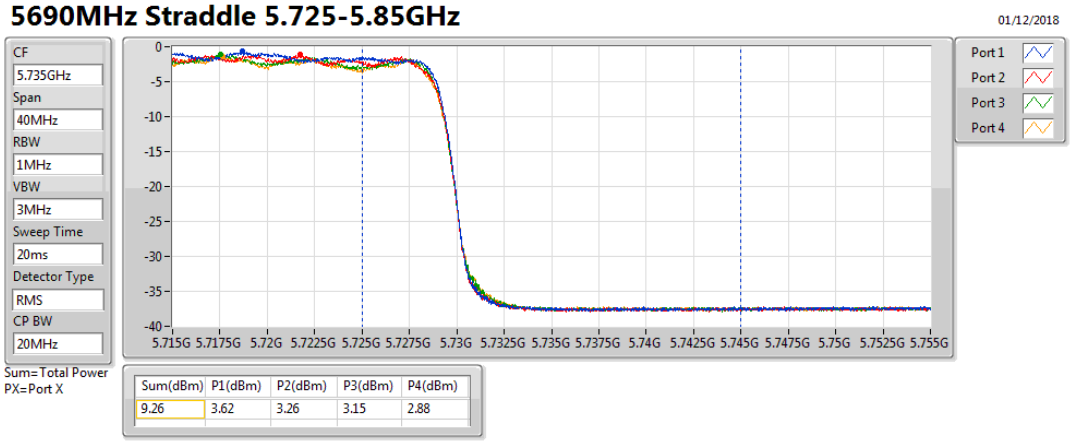


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.00	17.13	16.97	16.85	16.95

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

5690MHz Straddle 5.725-5.85GHz



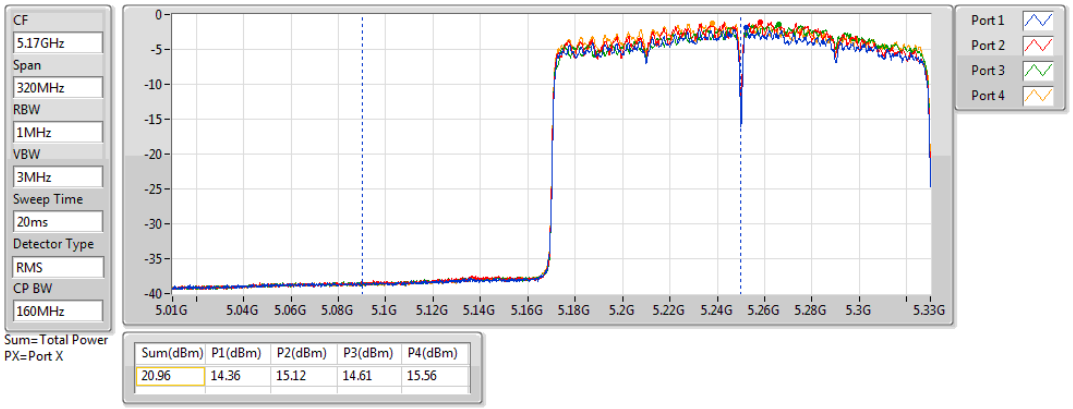
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.26	3.62	3.26	3.15	2.88

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

5250MHz Straddle 5.15-5.25GHz

01/12/2018

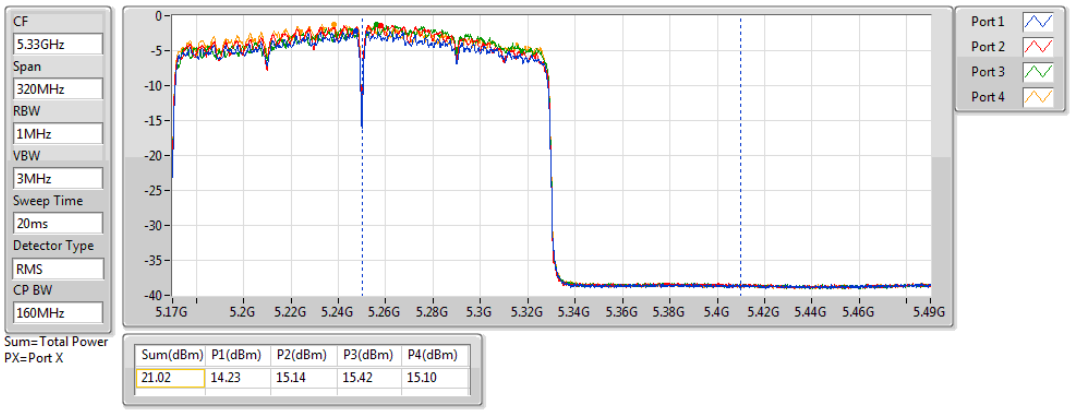


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.96	14.36	15.12	14.61	15.56

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

5250MHz Straddle 5.25-5.35GHz

01/12/2018



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.02	14.23	15.14	15.42	15.10

For 802.11ac mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	16.57
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	13.48
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.77
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	1.70
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	10.18
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.51
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.79
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	1.84
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	9.77
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	7.17
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	4.02
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	1.55
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.38
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.44
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	5.72

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

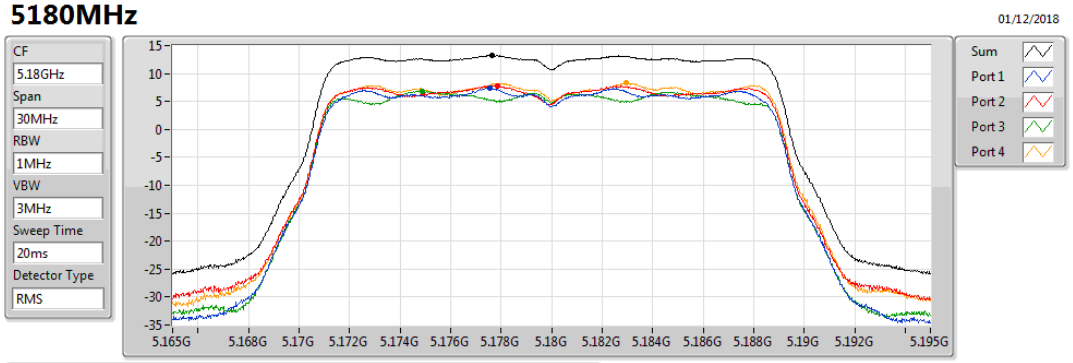
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.23	7.41	7.82	6.82	8.27	13.26	16.77
5200MHz	Pass	6.23	10.69	10.95	10.26	11.26	16.42	16.77
5240MHz	Pass	6.23	10.83	11.15	10.90	11.49	16.57	16.77
5260MHz	Pass	6.23	4.43	4.77	4.95	4.84	10.18	10.77
5300MHz	Pass	6.23	4.26	4.96	3.98	4.92	10.17	10.77
5320MHz	Pass	6.23	4.24	3.88	4.35	5.39	10.14	10.77
5500MHz	Pass	6.93	3.83	3.42	3.91	3.93	9.68	10.07
5580MHz	Pass	6.93	3.74	2.95	4.21	4.67	9.60	10.07
5700MHz	Pass	6.93	3.50	4.26	4.29	4.45	9.77	10.07
5720MHz Straddle 5.47-5.725GHz	Pass	6.93	3.60	3.87	4.27	4.38	9.72	10.07
5720MHz Straddle 5.725-5.85GHz	Pass	6.93	2.08	2.06	2.09	2.41	7.76	29.07
5745MHz	Pass	6.93	8.42	8.75	8.62	8.61	14.20	29.07
5785MHz	Pass	6.93	8.81	7.78	8.72	9.03	14.27	29.07
5825MHz	Pass	6.93	8.62	8.25	8.52	9.32	14.38	29.07
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.23	1.96	2.39	2.02	3.35	8.13	16.77
5230MHz	Pass	6.23	7.64	7.92	8.05	8.61	13.48	16.77
5270MHz	Pass	6.23	0.69	1.95	1.56	2.33	7.29	10.77
5310MHz	Pass	6.23	1.44	1.60	1.32	2.60	7.51	10.77
5510MHz	Pass	6.93	0.72	0.25	0.76	0.78	6.54	10.07
5550MHz	Pass	6.93	1.06	0.42	1.19	1.34	6.80	10.07
5670MHz	Pass	6.93	0.84	1.03	1.19	1.06	6.65	10.07
5710MHz Straddle 5.47-5.725GHz	Pass	6.93	1.33	1.50	1.29	1.89	7.17	10.07
5710MHz Straddle 5.725-5.85GHz	Pass	6.93	-0.92	-1.00	-0.99	-0.59	4.85	29.07
5755MHz	Pass	6.93	5.78	5.66	6.28	5.86	11.44	29.07
5795MHz	Pass	6.93	5.77	5.14	5.63	6.16	11.39	29.07
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.23	-1.67	-0.51	-0.92	-0.55	4.77	16.77
5290MHz	Pass	6.23	-1.72	-0.82	-0.68	-0.60	4.79	10.77
5530MHz	Pass	6.93	-2.30	-2.39	-1.84	-1.67	3.79	10.07
5610MHz	Pass	6.93	-1.88	-2.43	-1.33	-1.16	4.02	10.07
5690MHz Straddle 5.47-5.725GHz	Pass	6.93	-1.98	-1.76	-1.68	-2.48	3.61	10.07
5690MHz Straddle 5.725-5.85GHz	Pass	6.93	-5.43	-5.43	-5.11	-5.71	0.40	29.07
5775MHz	Pass	6.93	-0.35	0.04	-0.05	0.48	5.72	29.07
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.23	-4.05	-3.74	-4.08	-3.39	1.70	16.77
5250MHz Straddle 5.25-5.35GHz	Pass	6.23	-4.16	-3.51	-4.00	-3.44	1.84	10.77
5570MHz	Pass	6.93	-4.05	-4.58	-4.28	-3.60	1.55	10.07

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

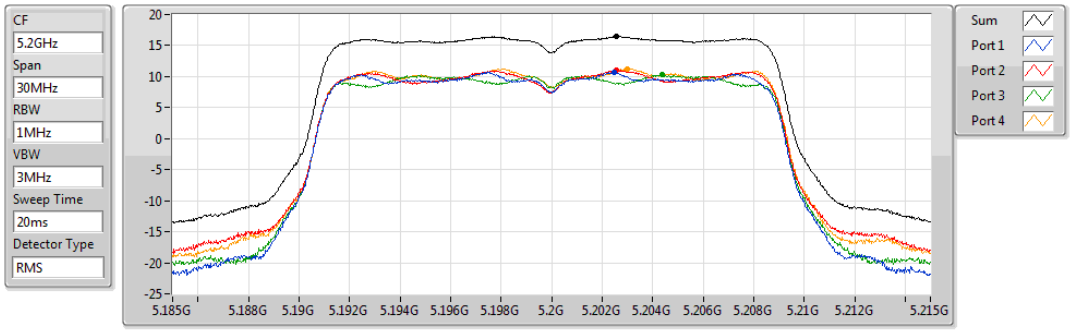
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.26	13.26	7.41	7.82	6.82	8.27

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

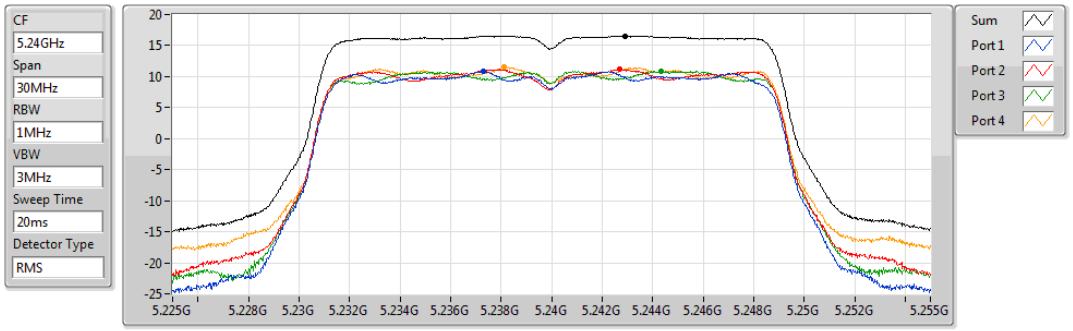
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.42	16.42	10.69	10.95	10.26	11.26

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

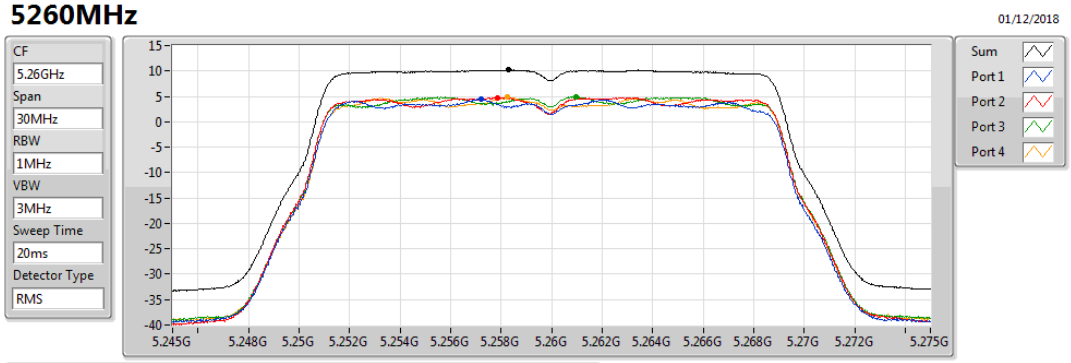
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.57	16.57	10.83	11.15	10.90	11.49

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

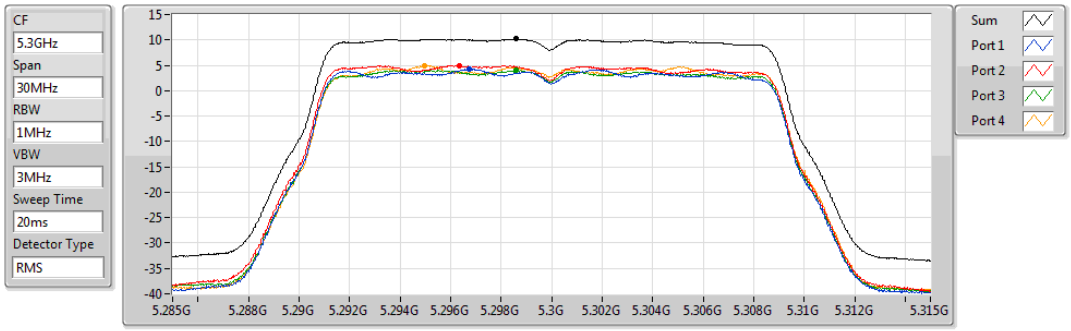
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	4.43	4.77	4.95	4.84

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

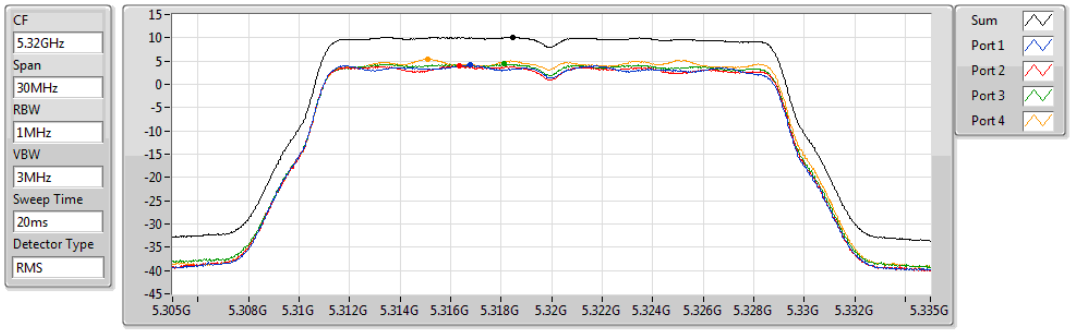
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.17	10.17	4.26	4.96	3.98	4.92

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

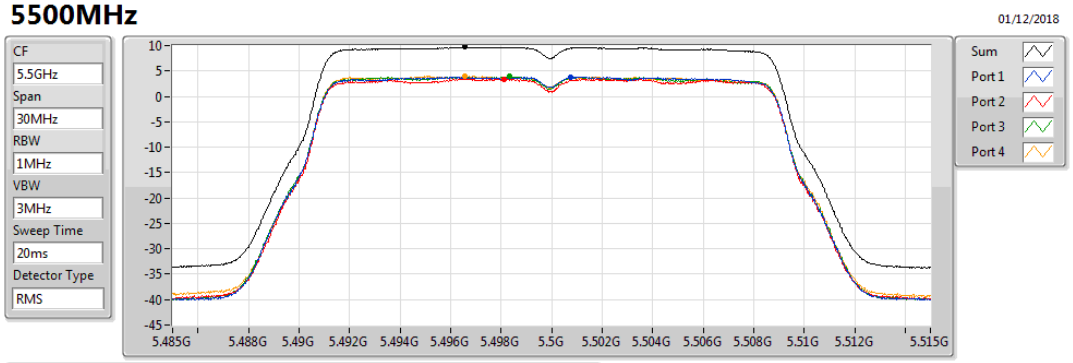
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.14	10.14	4.24	3.88	4.35	5.39

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

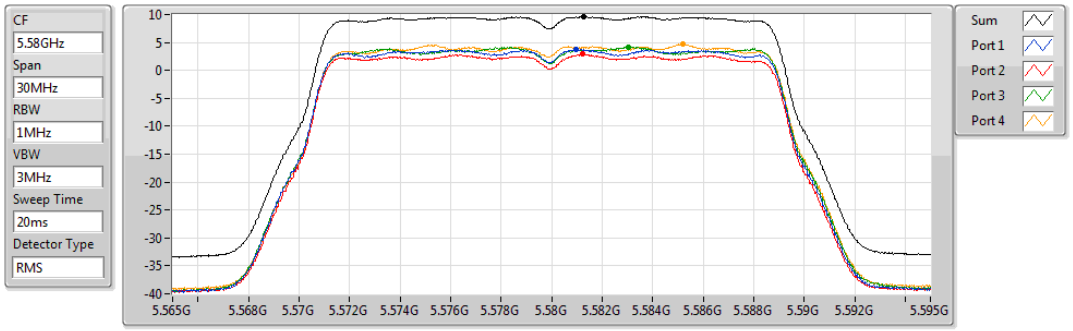
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.68	9.68	3.83	3.42	3.91	3.93

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

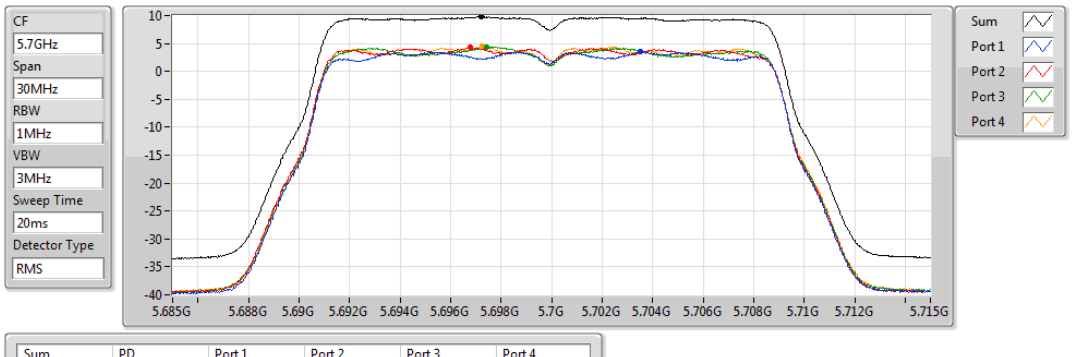
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.60	9.60	3.74	2.95	4.21	4.67

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

5700MHz

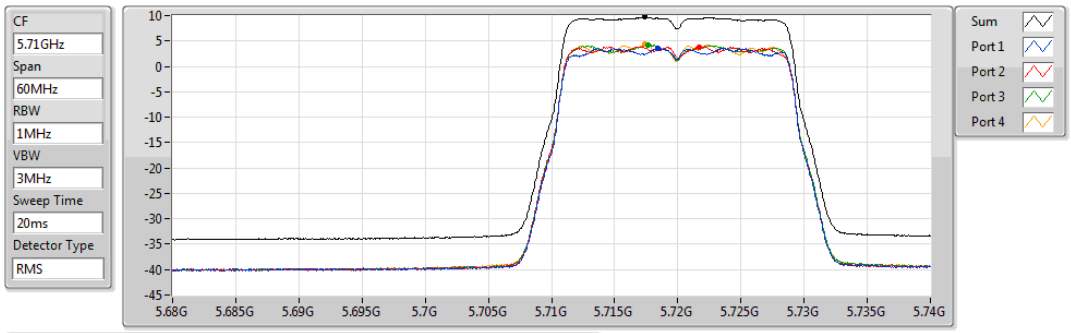


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	3.50	4.26	4.29	4.45

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

5720MHz Straddle 5.47-5.725GHz

01/12/2018

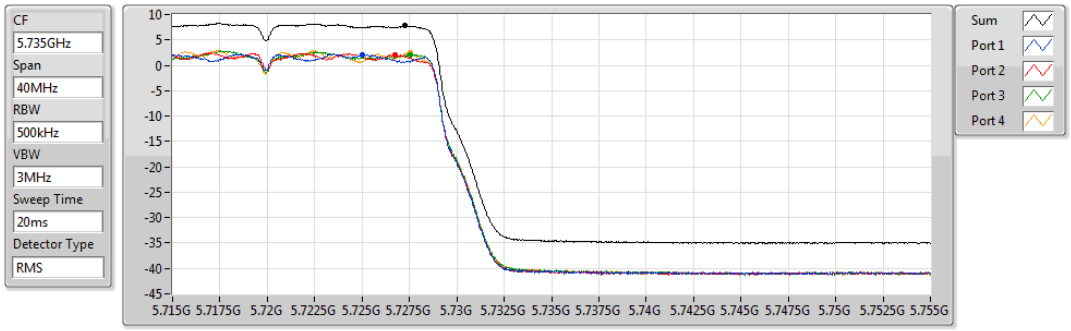


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.72	9.72	3.60	3.87	4.27	4.38

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

5720MHz Straddle 5.725-5.85GHz

01/12/2018

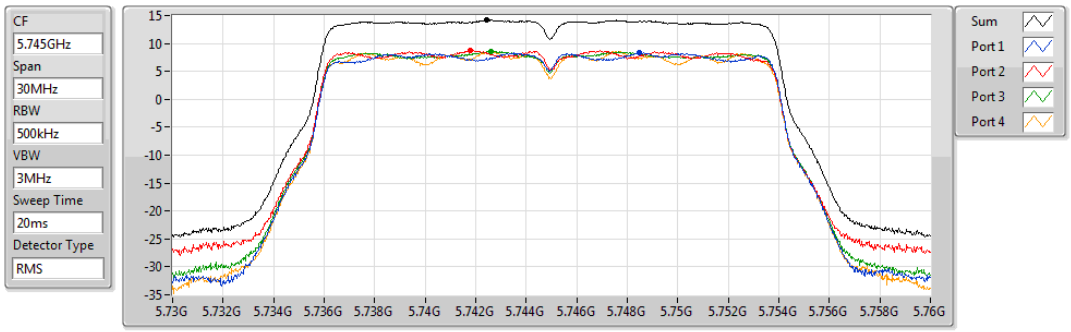


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	2.08	2.06	2.09	2.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX **PSD**

5745MHz

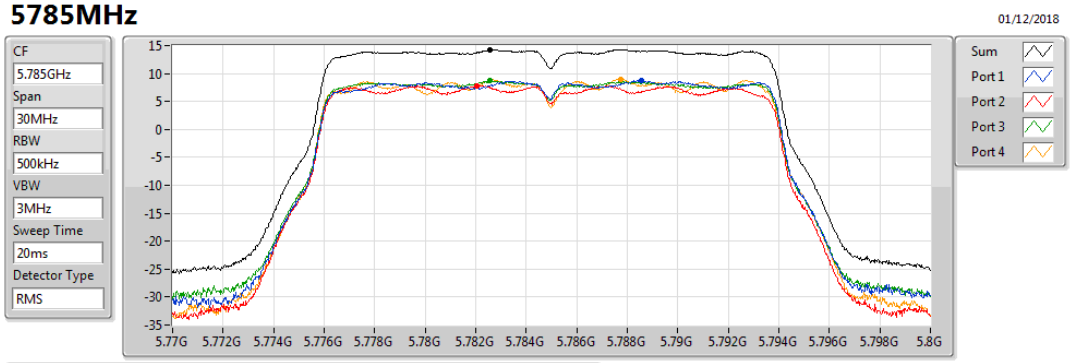
01/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.20	14.20	8.42	8.75	8.62	8.61

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

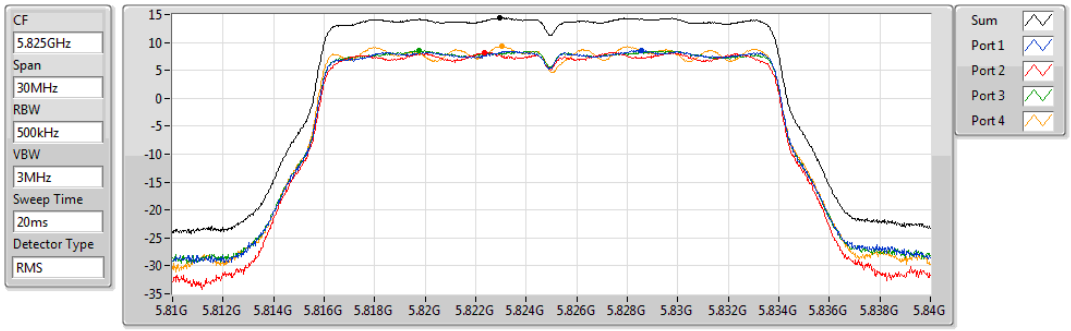
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.27	14.27	8.81	7.78	8.72	9.03

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

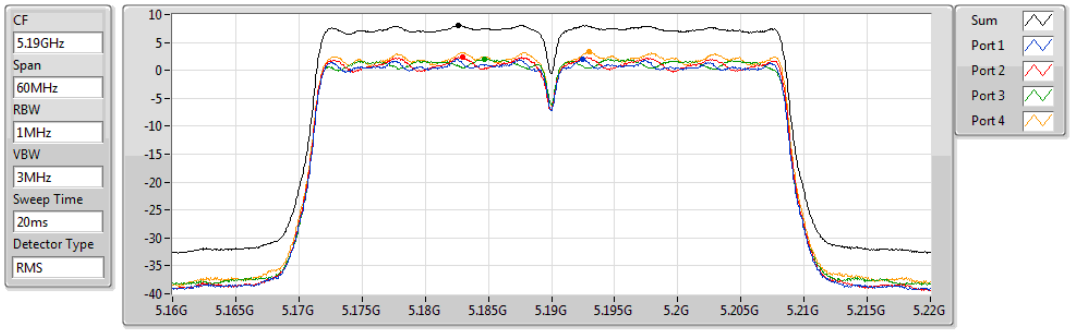
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.38	14.38	8.62	8.25	8.52	9.32

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

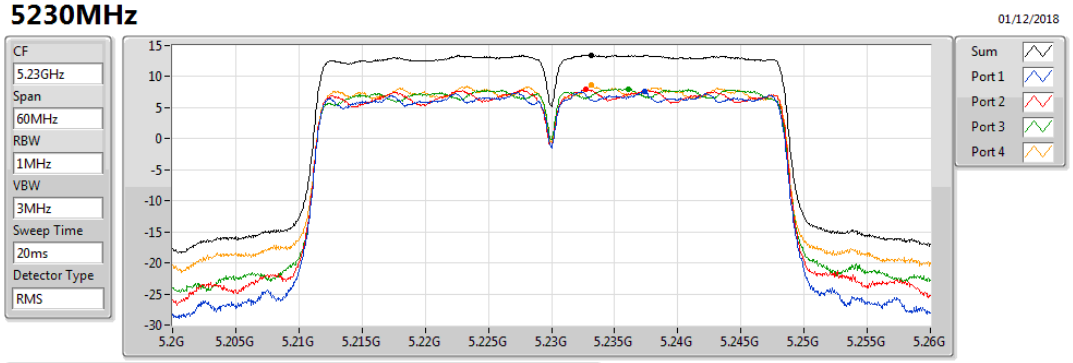
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.13	8.13	1.96	2.39	2.02	3.35

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

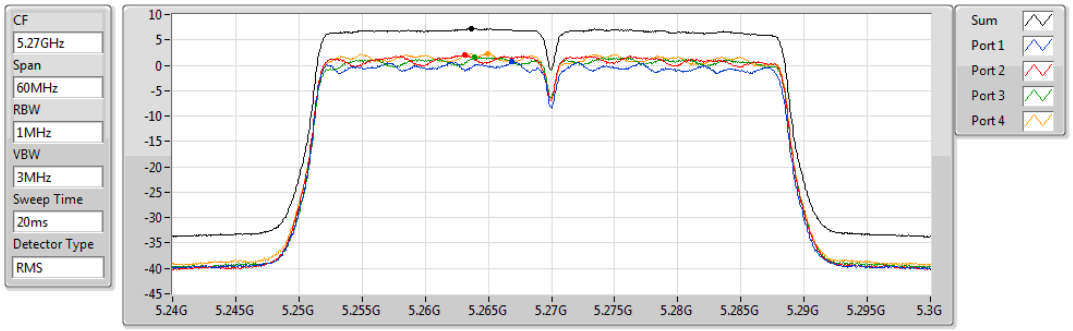
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.48	13.48	7.64	7.92	8.05	8.61

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

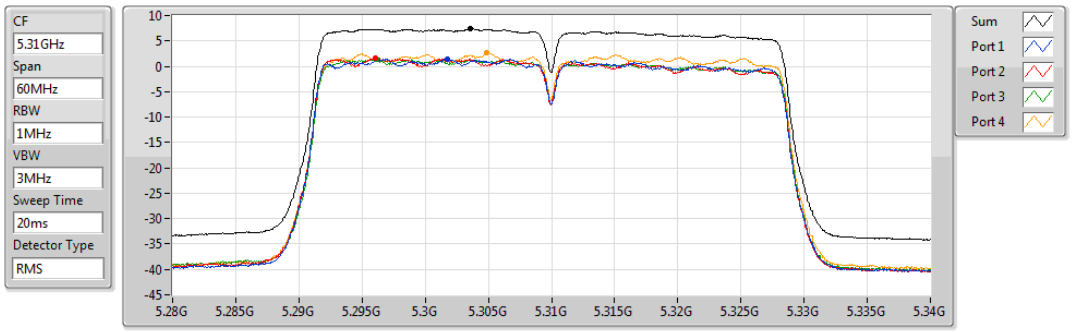
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	0.69	1.95	1.56	2.33

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

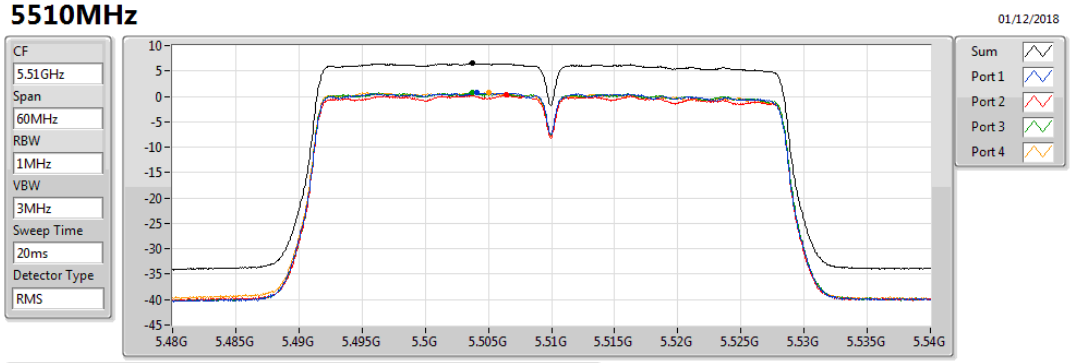
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	1.44	1.60	1.32	2.60

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

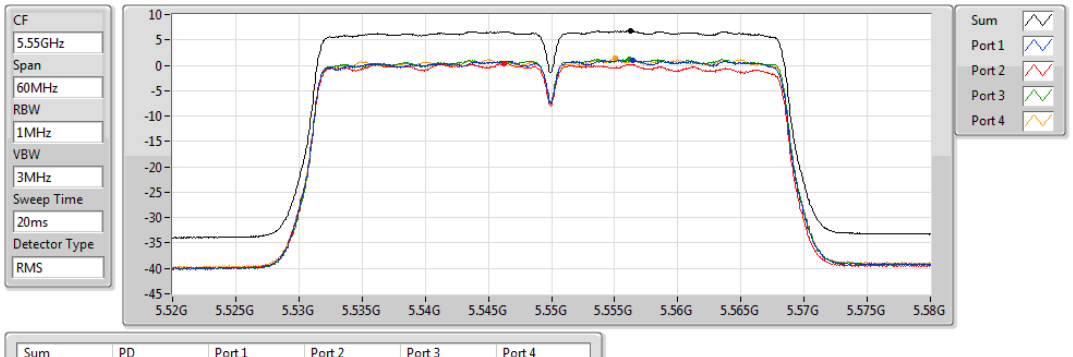
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.54	6.54	0.72	0.25	0.76	0.78

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

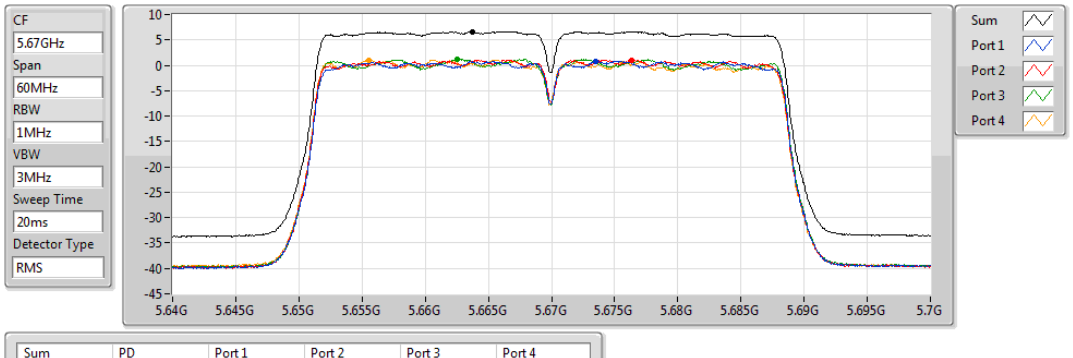
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.80	6.80	1.06	0.42	1.19	1.34

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

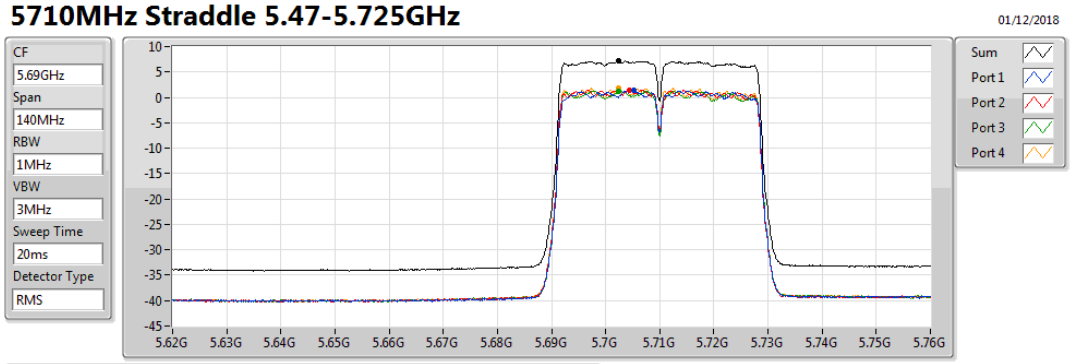
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	0.84	1.03	1.19	1.06

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

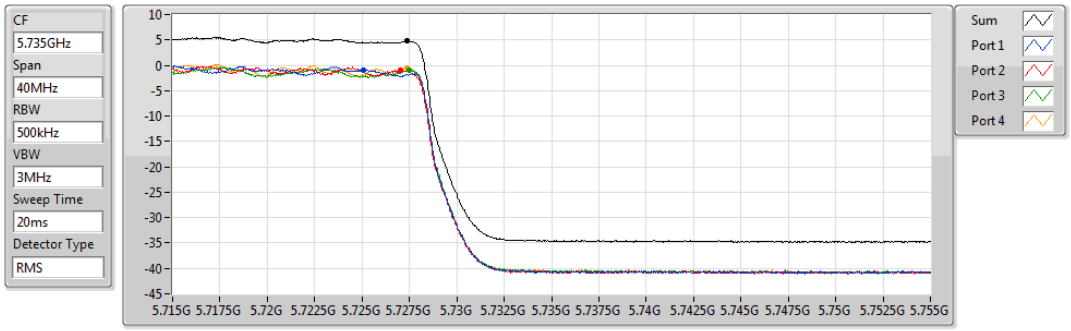
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.17	7.17	1.33	1.50	1.29	1.89

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

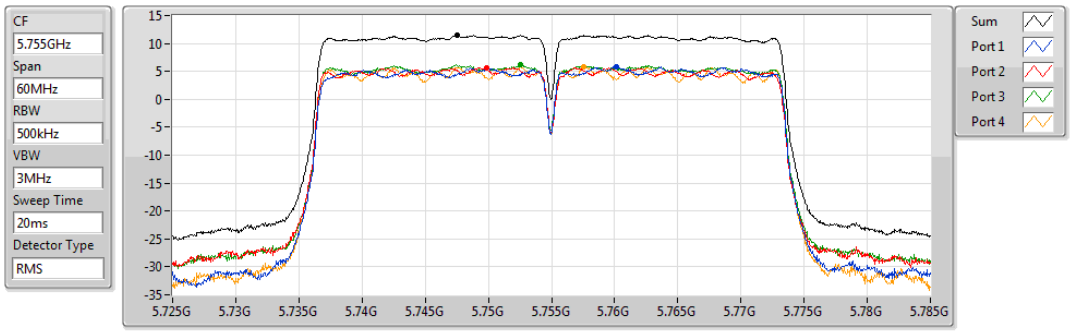
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.85	4.85	-0.92	-1.00	-0.99	-0.59

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

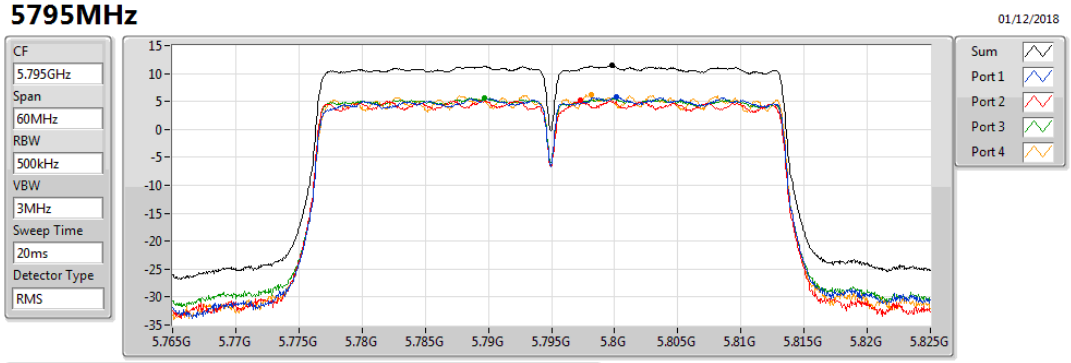
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.44	11.44	5.78	5.66	6.28	5.86

802.11ac VHT40-BF_Nss1,(MCS0)_4TX **PSD**

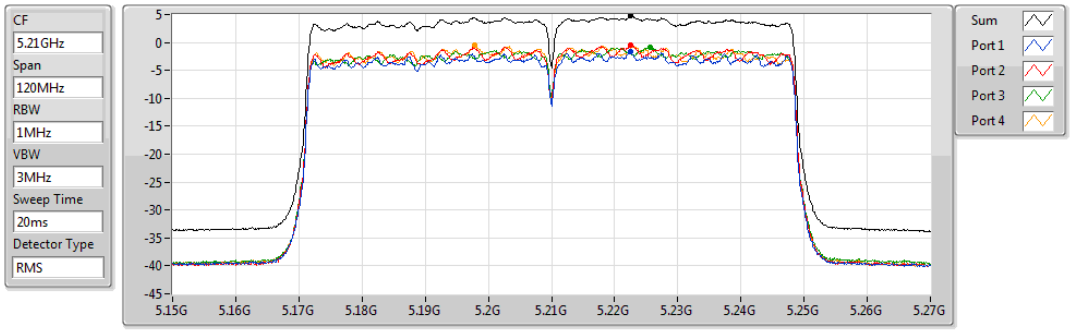
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.39	11.39	5.77	5.14	5.63	6.16

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

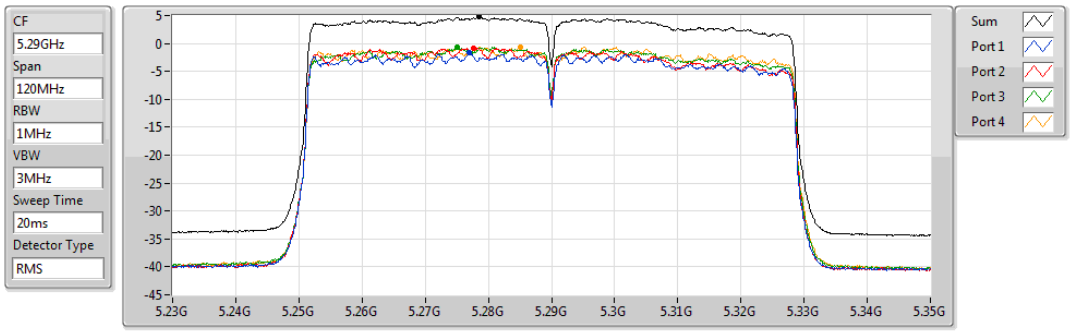
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	-1.67	-0.51	-0.92	-0.55

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

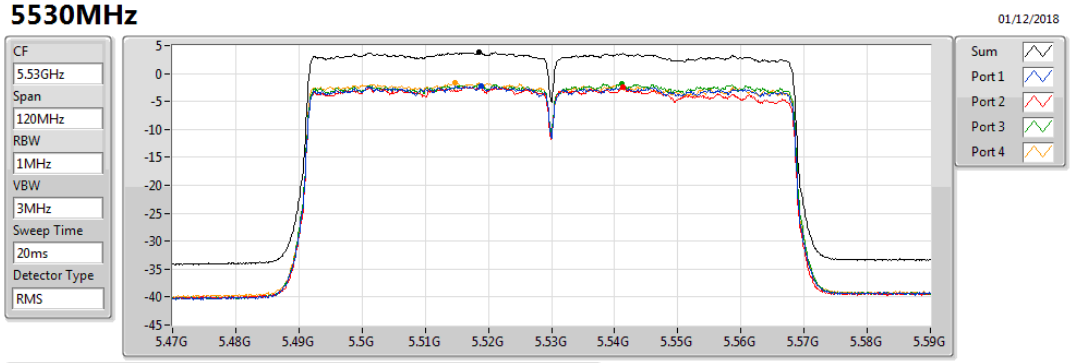
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	-1.72	-0.82	-0.68	-0.60

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

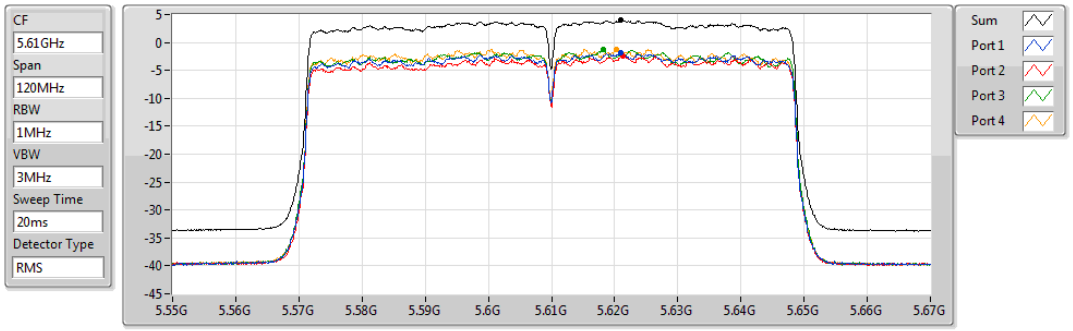
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	-2.30	-2.39	-1.84	-1.67

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

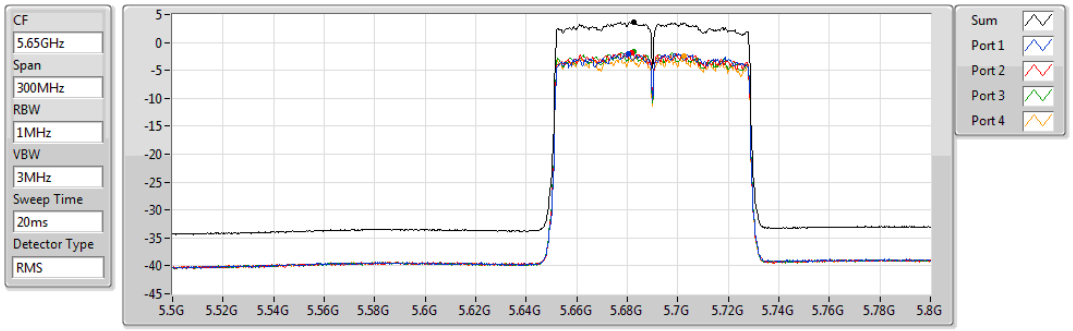
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.02	4.02	-1.88	-2.43	-1.33	-1.16

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.47-5.725GHz

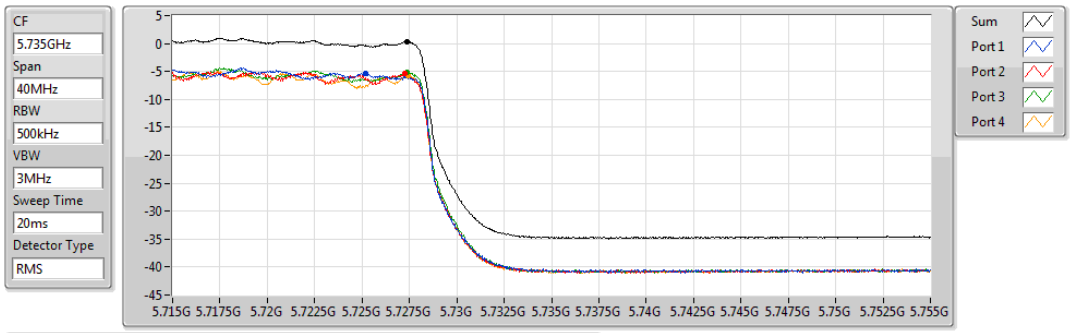


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.61	3.61	-1.98	-1.76	-1.68	-2.48

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

5690MHz Straddle 5.725-5.85GHz

01/12/2018

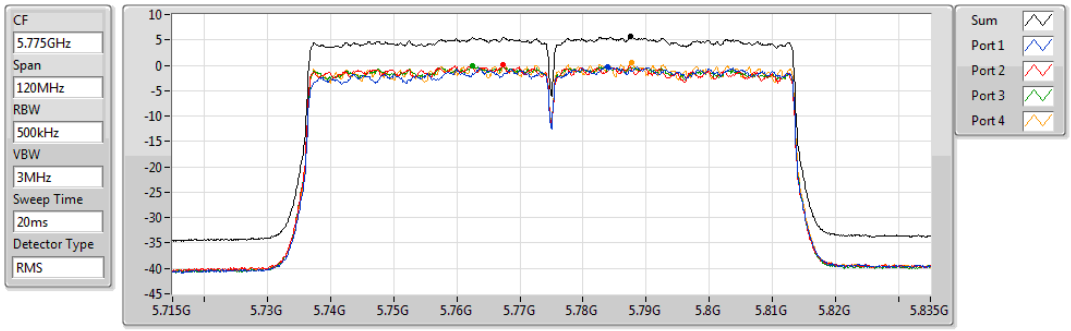


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.40	0.40	-5.43	-5.43	-5.11	-5.71

802.11ac VHT80-BF_Nss1,(MCS0)_4TX **PSD**

5775MHz

01/12/2018

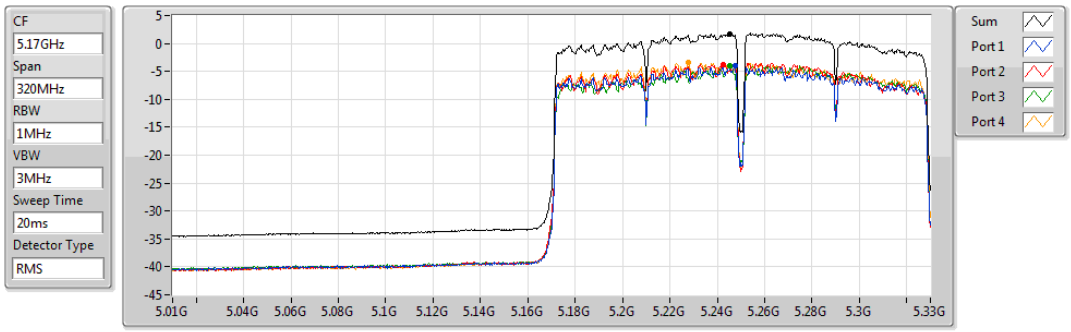


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.72	5.72	-0.35	0.04	-0.05	0.48

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.15-5.25GHz

01/12/2018

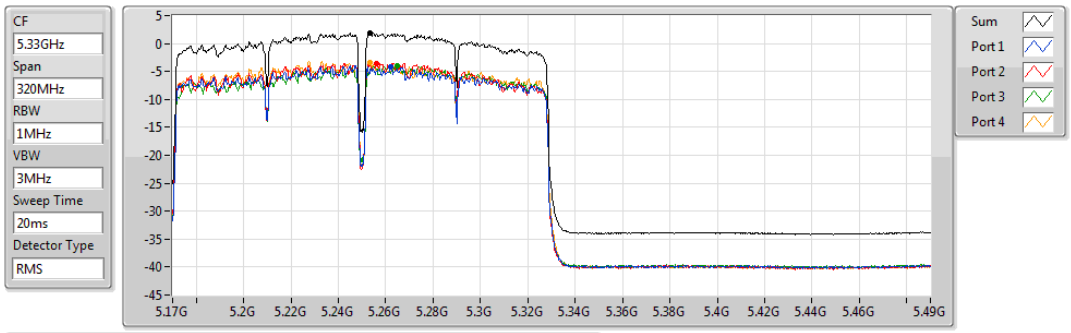


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.70	1.70	-4.05	-3.74	-4.08	-3.39

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.25-5.35GHz

01/12/2018

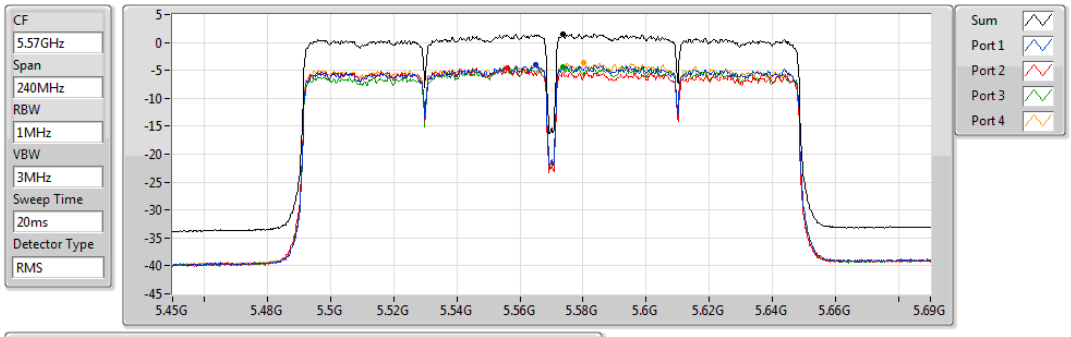


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.84	1.84	-4.16	-3.51	-4.00	-3.44

802.11ac VHT160-BF_Nss1,(MCS0)_4TX **PSD**

5570MHz

01/12/2018



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	-4.05	-4.58	-4.28	-3.60

For 802.11ax mode:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.93
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.02
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.18
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.46
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.92
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.38
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.42
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	2.62
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.99
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.19
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.86
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.92
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.17
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.54

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

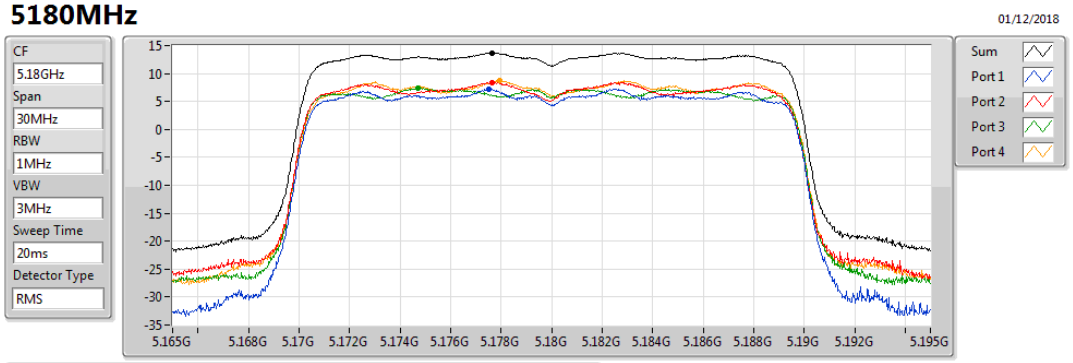
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.23	7.24	8.45	7.40	8.72	13.67	16.77
5200MHz	Pass	6.23	9.79	10.66	9.51	10.82	15.93	16.77
5240MHz	Pass	6.23	10.13	10.63	9.94	10.76	15.81	16.77
5260MHz	Pass	6.23	3.92	4.86	4.33	4.66	9.83	10.77
5300MHz	Pass	6.23	3.87	4.70	3.53	4.87	9.90	10.77
5320MHz	Pass	6.23	3.82	4.41	3.69	5.32	9.92	10.77
5500MHz	Pass	6.93	3.13	2.71	3.32	3.06	8.95	10.07
5580MHz	Pass	6.93	3.26	2.20	3.35	4.05	8.96	10.07
5700MHz	Pass	6.93	3.43	3.55	3.68	4.48	9.46	10.07
5720MHz Straddle 5.47-5.725GHz	Pass	6.93	3.06	3.39	3.90	4.63	9.45	10.07
5720MHz Straddle 5.725-5.85GHz	Pass	6.93	0.90	0.77	1.95	2.46	7.24	29.07
5745MHz	Pass	6.93	7.79	7.95	8.20	7.88	13.57	29.07
5785MHz	Pass	6.93	8.00	7.71	8.30	8.41	13.85	29.07
5825MHz	Pass	6.93	8.38	7.47	8.61	8.57	13.92	29.07
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.23	1.17	2.00	1.52	2.68	7.57	16.77
5230MHz	Pass	6.23	6.98	7.46	7.63	8.03	13.02	16.77
5270MHz	Pass	6.23	0.90	1.42	1.63	2.20	7.08	10.77
5310MHz	Pass	6.23	1.24	1.88	1.38	2.62	7.38	10.77
5510MHz	Pass	6.93	0.30	-0.23	0.44	0.44	6.13	10.07
5550MHz	Pass	6.93	0.79	0.30	1.06	0.62	6.40	10.07
5670MHz	Pass	6.93	0.75	0.81	0.93	1.41	6.58	10.07
5710MHz Straddle 5.47-5.725GHz	Pass	6.93	1.41	0.91	1.28	1.99	6.99	10.07
5710MHz Straddle 5.725-5.85GHz	Pass	6.93	-0.40	-1.12	-0.80	-0.12	5.08	29.07
5755MHz	Pass	6.93	5.67	5.18	5.66	5.74	11.17	29.07
5795MHz	Pass	6.93	5.39	4.84	5.30	5.77	11.03	29.07
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.23	0.13	0.99	0.08	1.24	6.18	16.77
5290MHz	Pass	6.23	-2.47	-1.36	-0.89	-0.42	4.42	10.77
5530MHz	Pass	6.93	-2.01	-2.34	-2.06	-1.75	3.83	10.07
5610MHz	Pass	6.93	-1.60	-1.99	-0.98	-1.56	4.19	10.07
5690MHz Straddle 5.47-5.725GHz	Pass	6.93	-1.58	-2.20	-1.37	-2.28	3.81	10.07
5690MHz Straddle 5.725-5.85GHz	Pass	6.93	-4.31	-4.46	-4.42	-4.33	1.35	29.07
5775MHz	Pass	6.93	0.72	0.60	1.09	0.76	6.54	29.07
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.23	-3.56	-2.79	-3.04	-2.57	2.46	16.77
5250MHz Straddle 5.25-5.35GHz	Pass	6.23	-3.16	-2.77	-3.03	-2.81	2.62	10.77
5570MHz	Pass	6.93	-4.79	-5.66	-4.82	-4.45	0.86	10.07

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

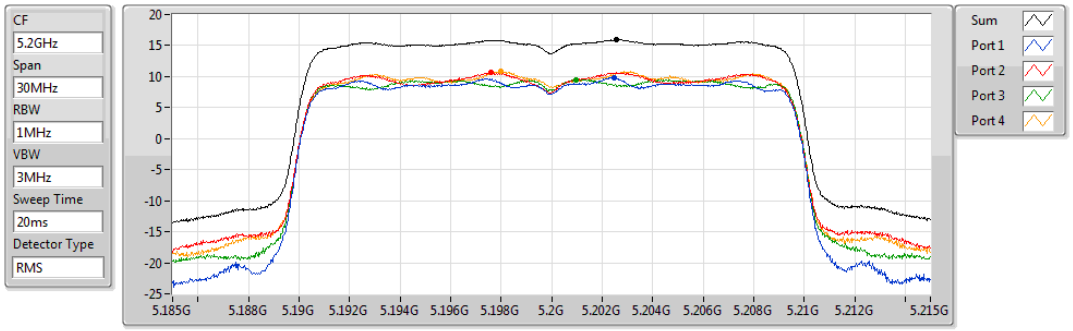
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.67	13.67	7.24	8.45	7.40	8.72

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

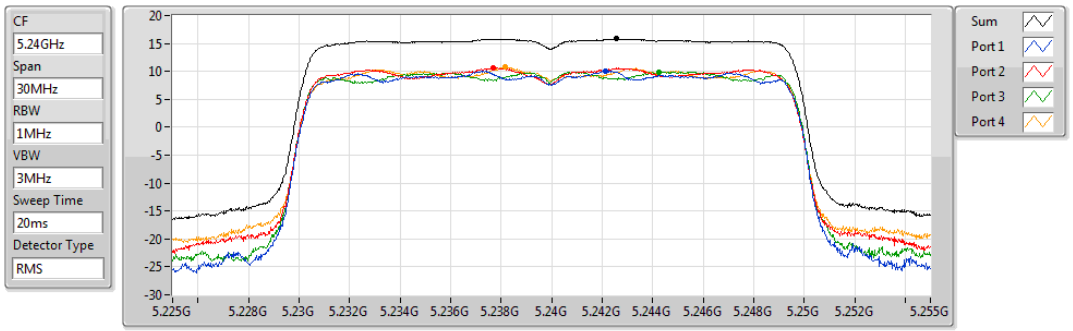
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.93	15.93	9.79	10.66	9.51	10.82

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

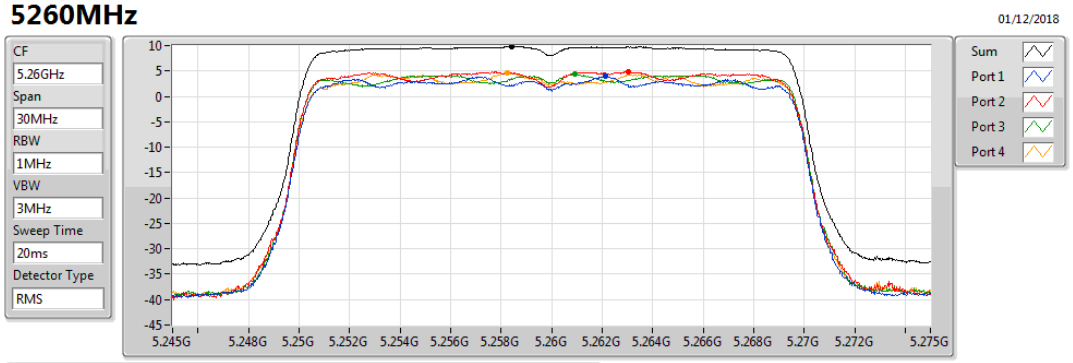
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.81	15.81	10.13	10.63	9.94	10.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

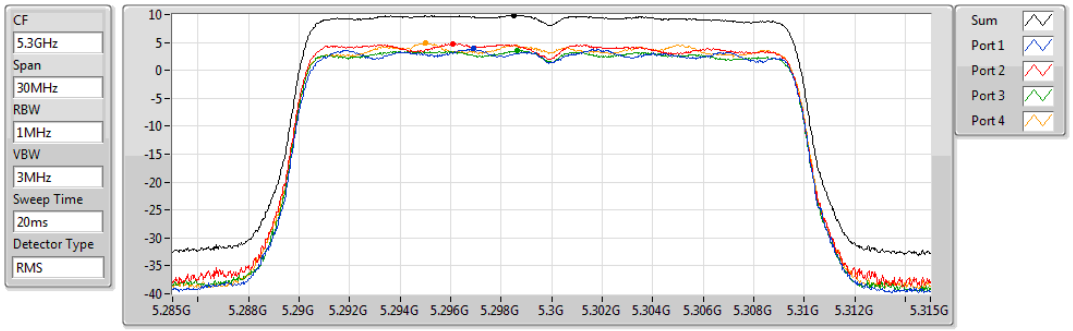
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	3.92	4.86	4.33	4.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

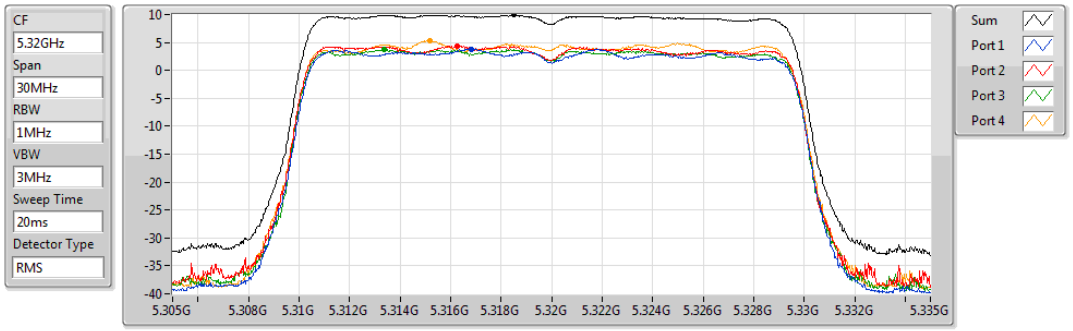
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	3.87	4.70	3.53	4.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

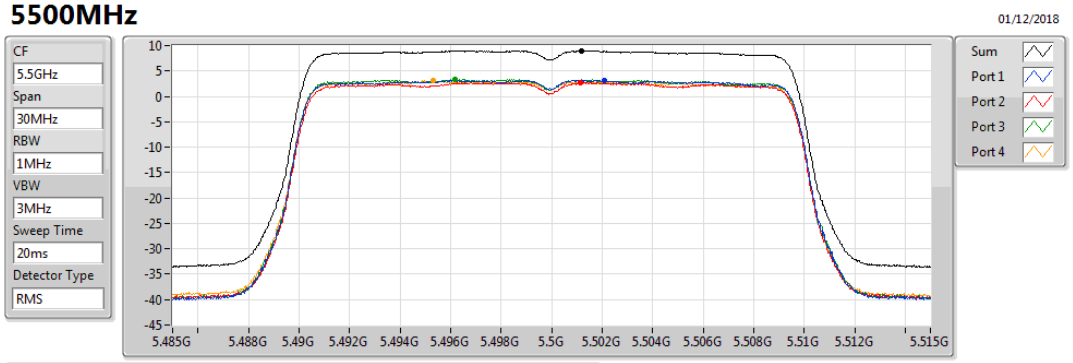
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	3.82	4.41	3.69	5.32

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

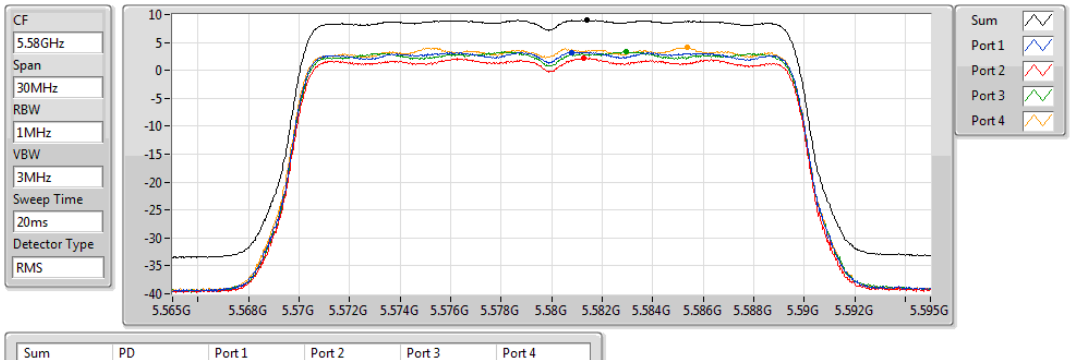
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	3.13	2.71	3.32	3.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

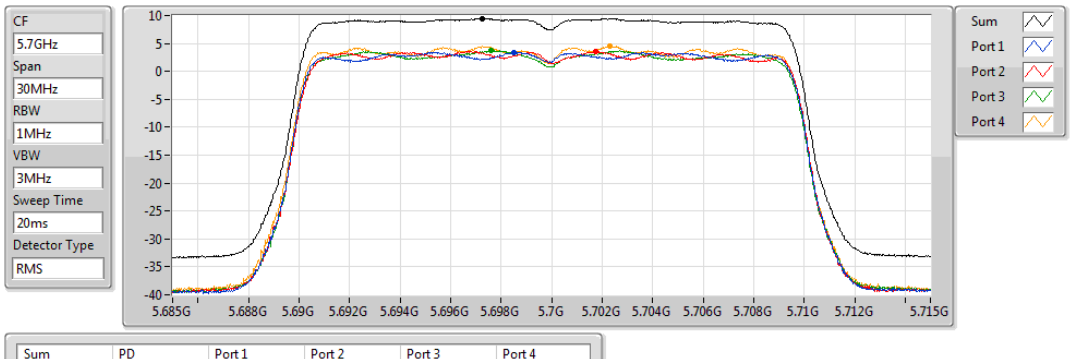
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.96	8.96	3.26	2.20	3.35	4.05

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

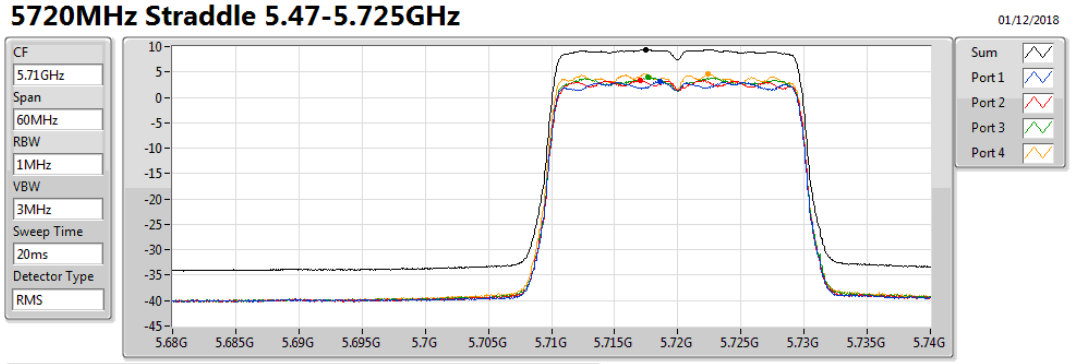
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.46	9.46	3.43	3.55	3.68	4.48

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

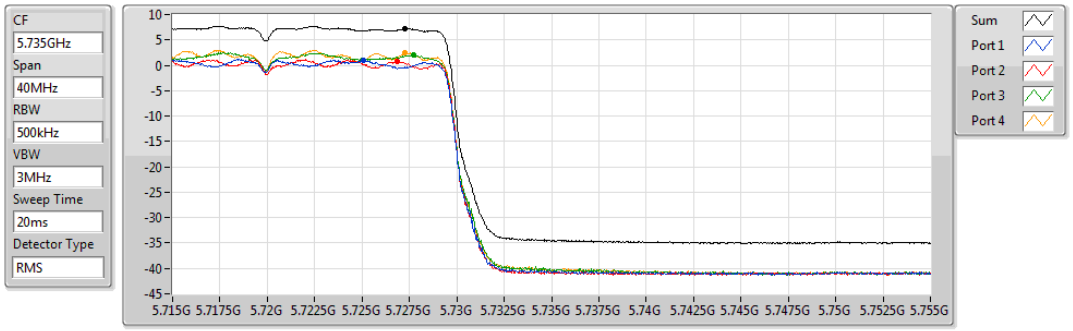
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.45	9.45	3.06	3.39	3.90	4.63

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

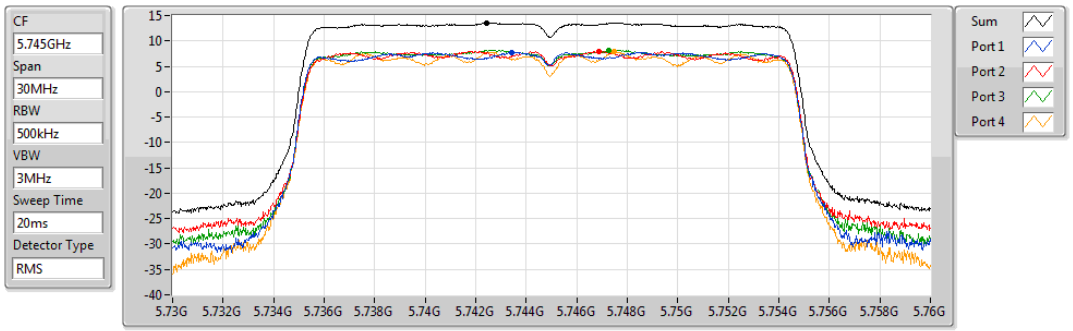
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	0.90	0.77	1.95	2.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

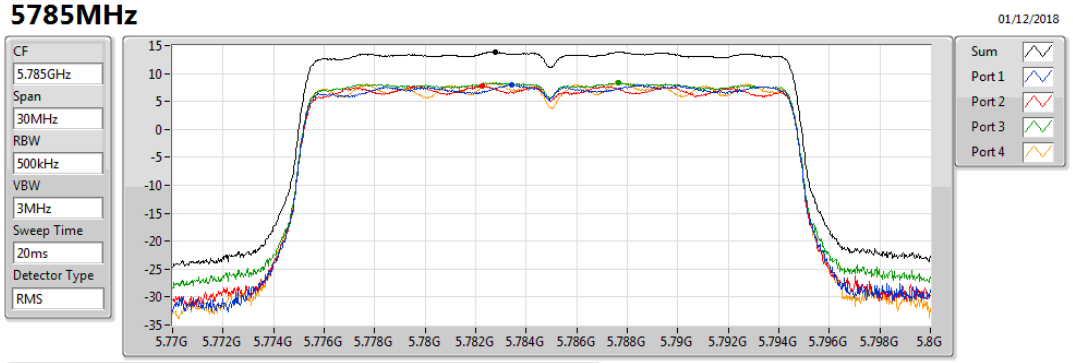
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.57	13.57	7.79	7.95	8.20	7.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

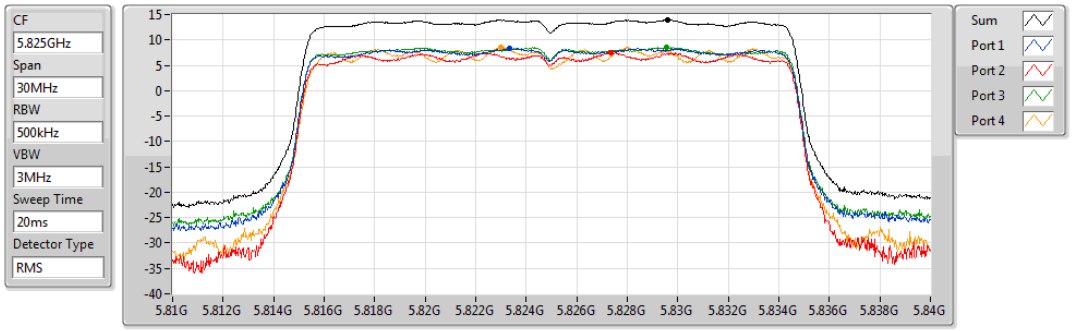
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.85	13.85	8.00	7.71	8.30	8.41

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

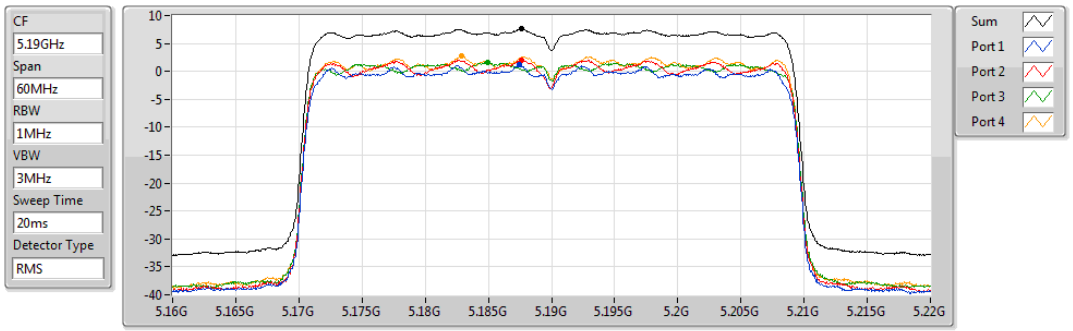
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.92	13.92	8.38	7.47	8.61	8.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

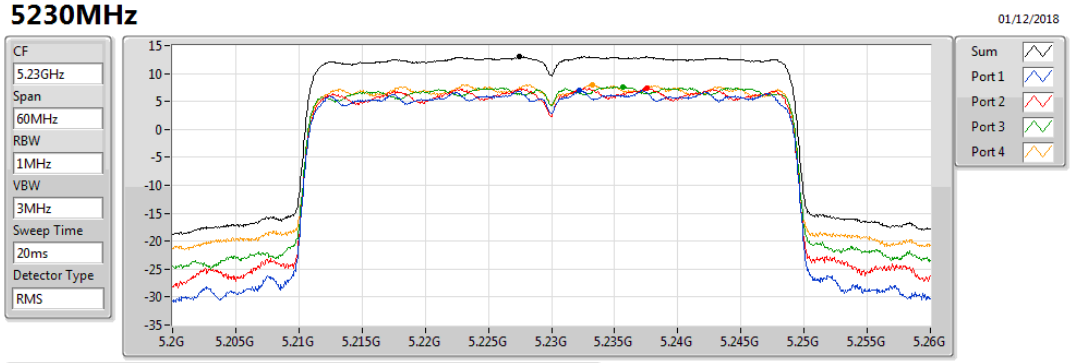
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	1.17	2.00	1.52	2.68

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

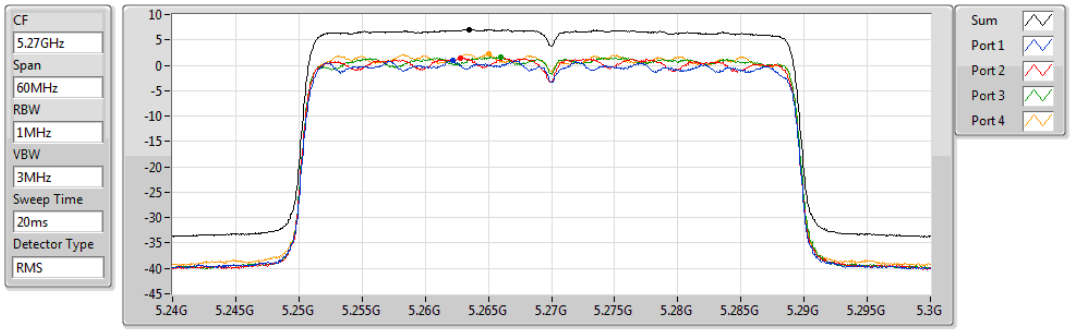
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.02	13.02	6.98	7.46	7.63	8.03

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

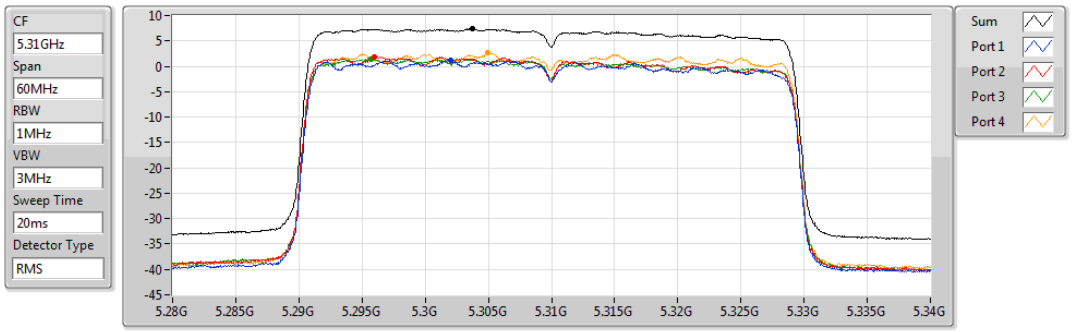
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	0.90	1.42	1.63	2.20

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

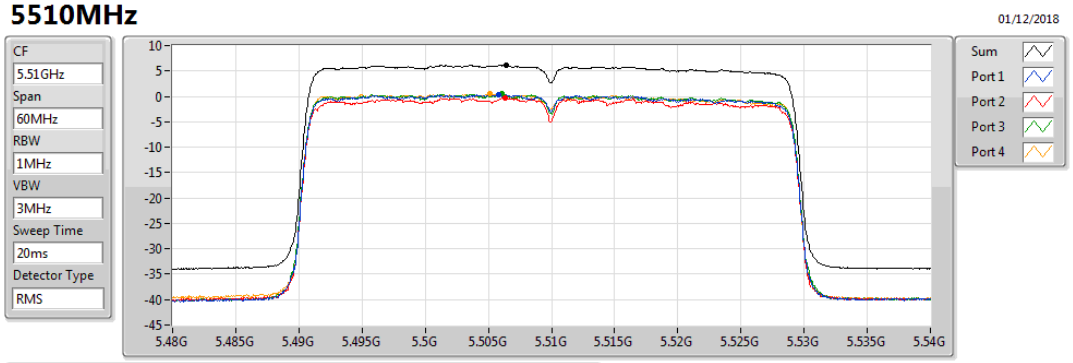
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	1.24	1.88	1.38	2.62

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

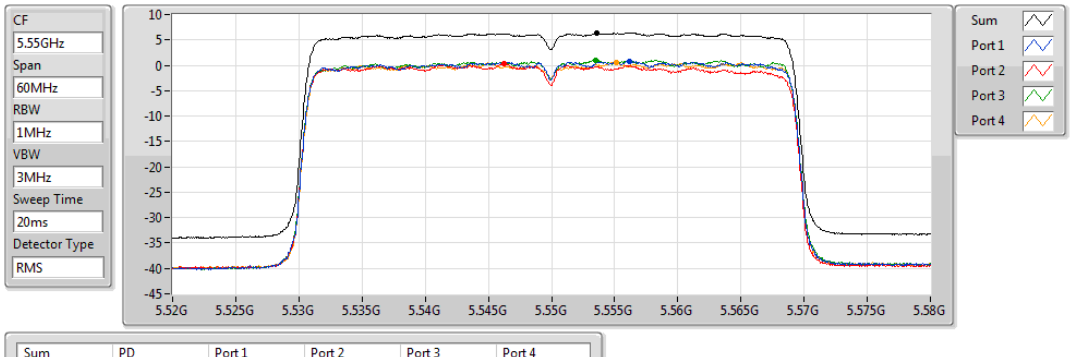
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.13	6.13	0.30	-0.23	0.44	0.44

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

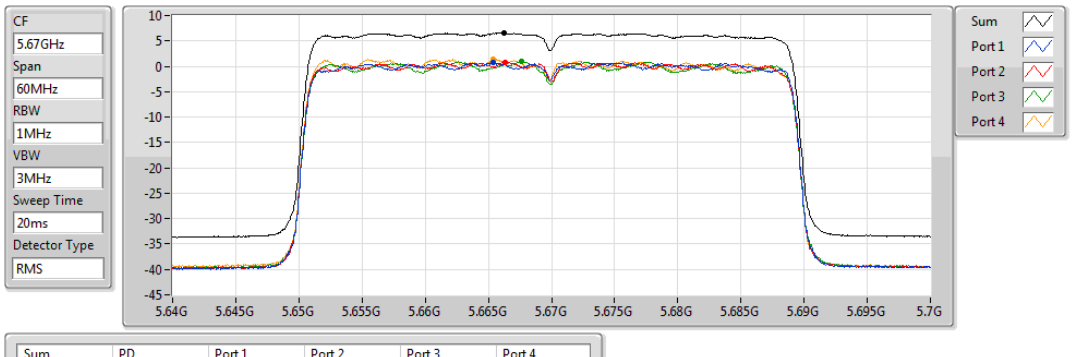
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.40	6.40	0.79	0.30	1.06	0.62

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

5670MHz

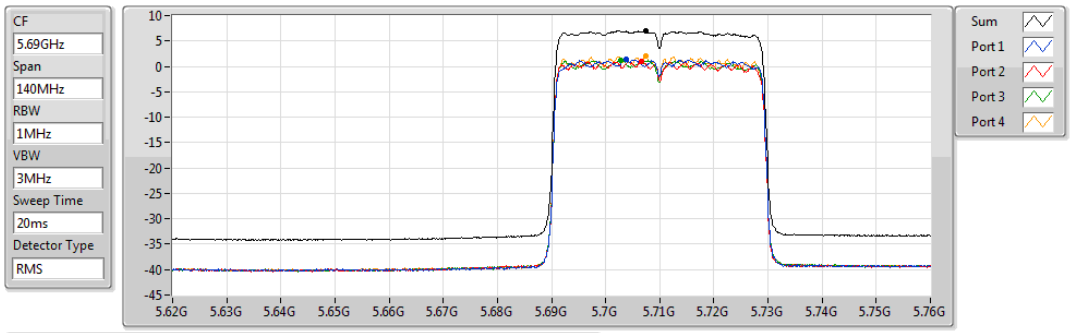


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	0.75	0.81	0.93	1.41

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5710MHz Straddle 5.47-5.725GHz

01/12/2018

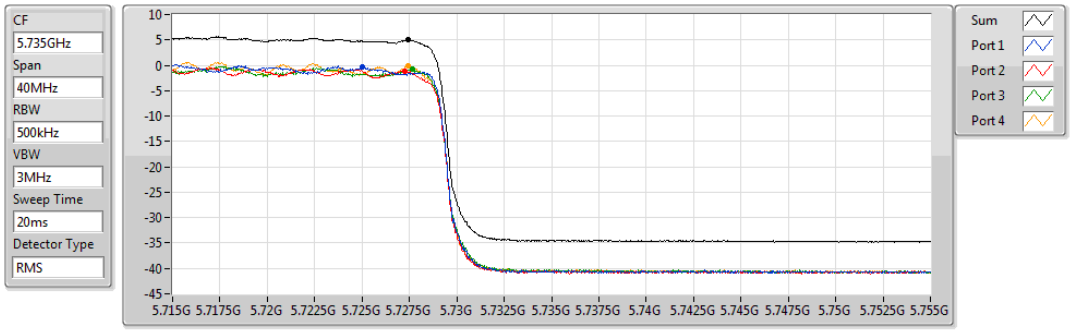


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	1.41	0.91	1.28	1.99

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5710MHz Straddle 5.725-5.85GHz

01/12/2018

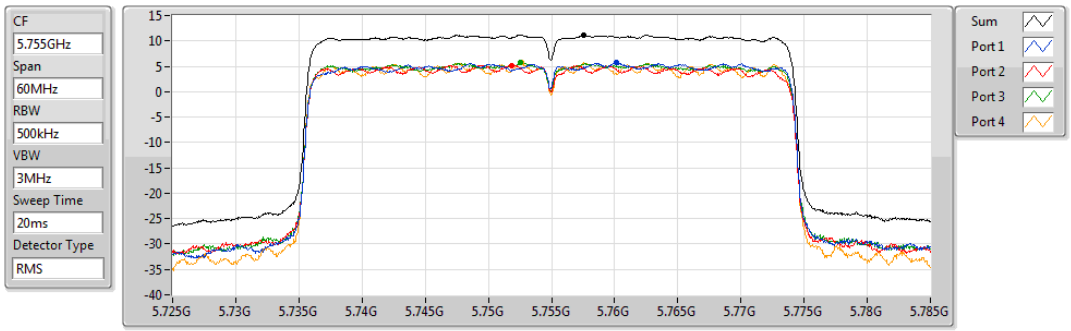


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	-0.40	-1.12	-0.80	-0.12

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

5755MHz

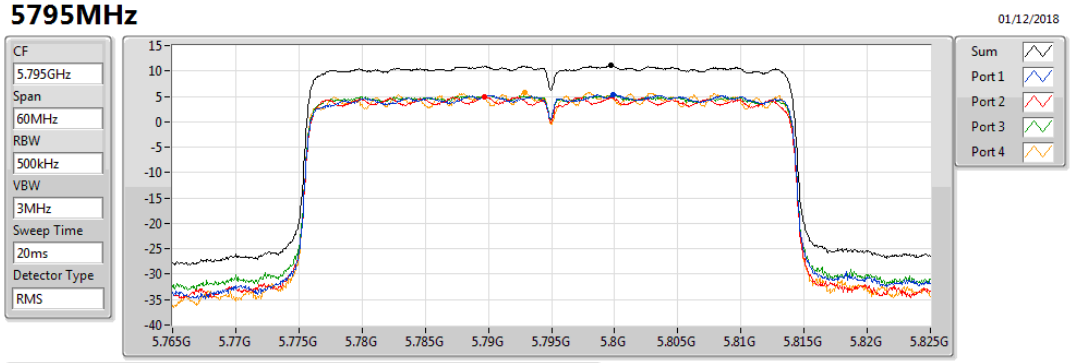
01/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.17	11.17	5.67	5.18	5.66	5.74

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

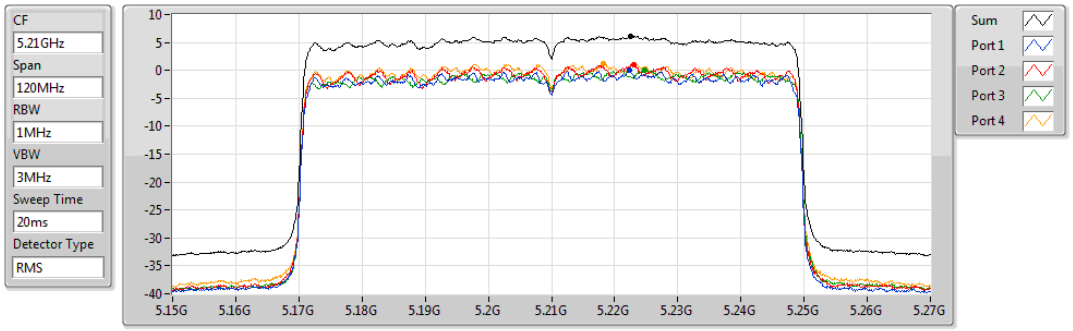
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.03	11.03	5.39	4.84	5.30	5.77

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

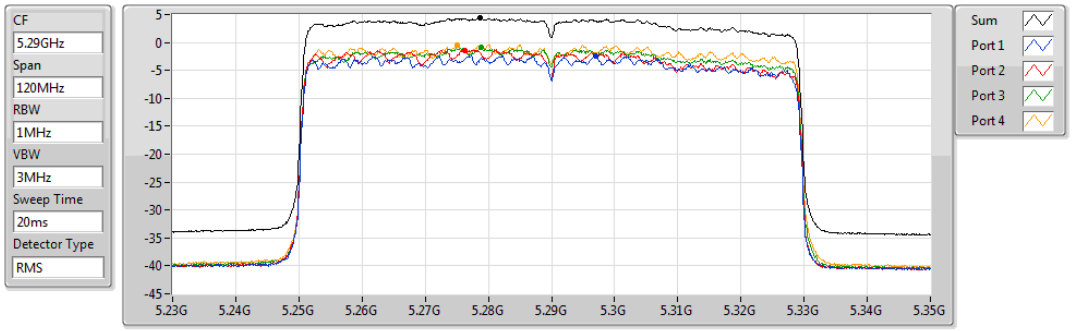
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.18	6.18	0.13	0.99	0.08	1.24

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

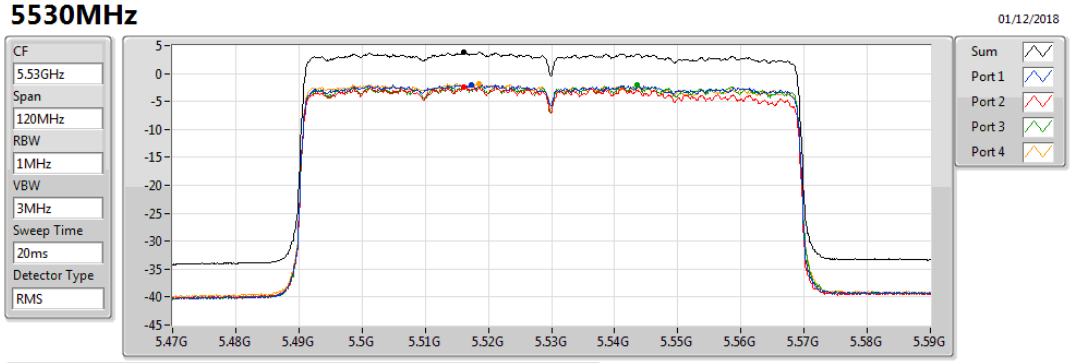
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.42	4.42	-2.47	-1.36	-0.89	-0.42

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

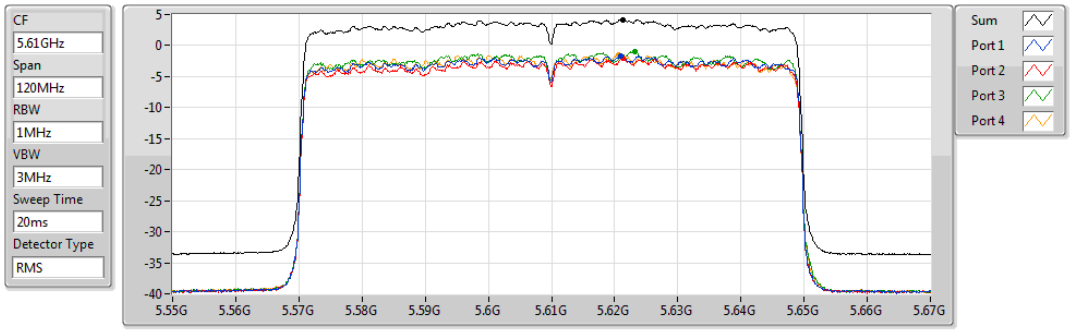
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.83	3.83	-2.01	-2.34	-2.06	-1.75

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

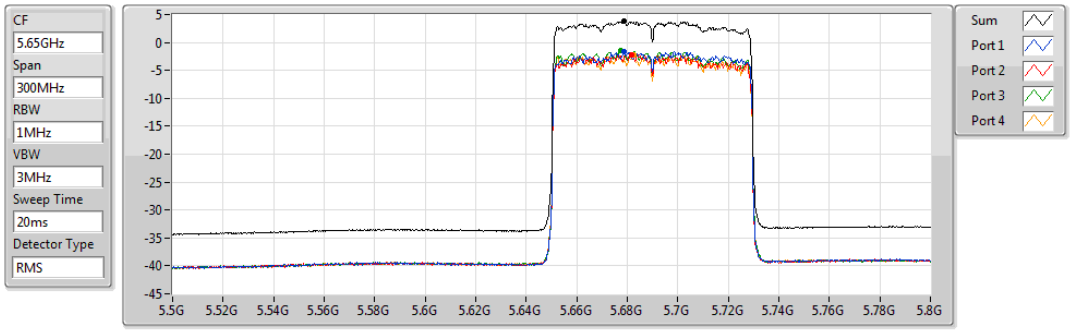
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.19	4.19	-1.60	-1.99	-0.98	-1.56

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

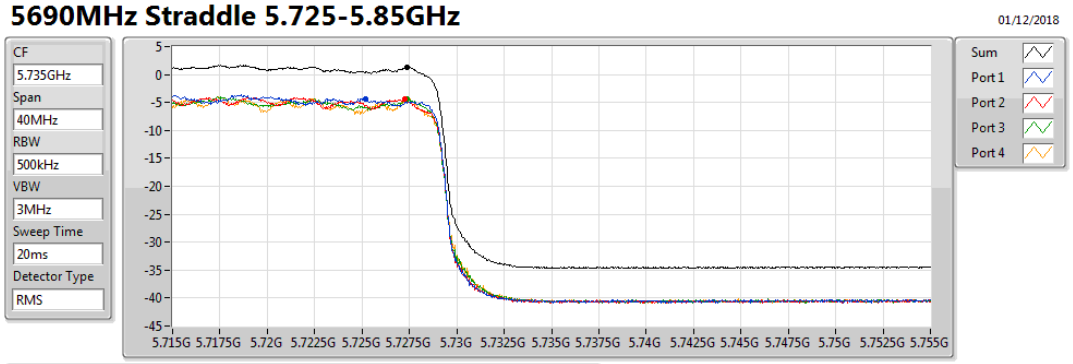
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.81	3.81	-1.58	-2.20	-1.37	-2.28

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

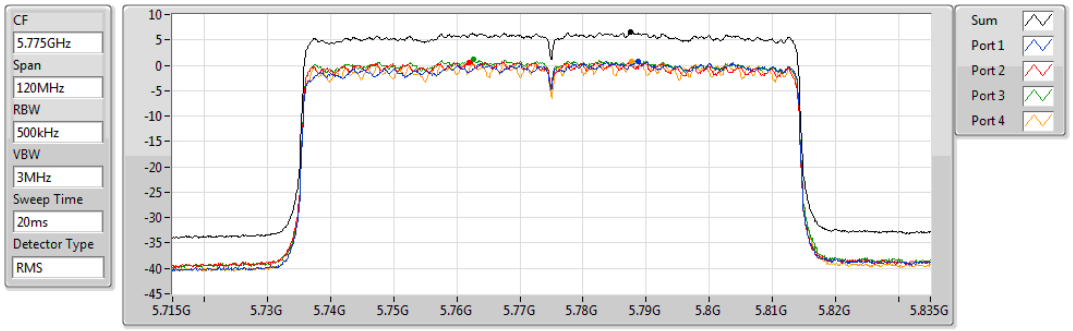
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.35	1.35	-4.31	-4.46	-4.42	-4.33

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

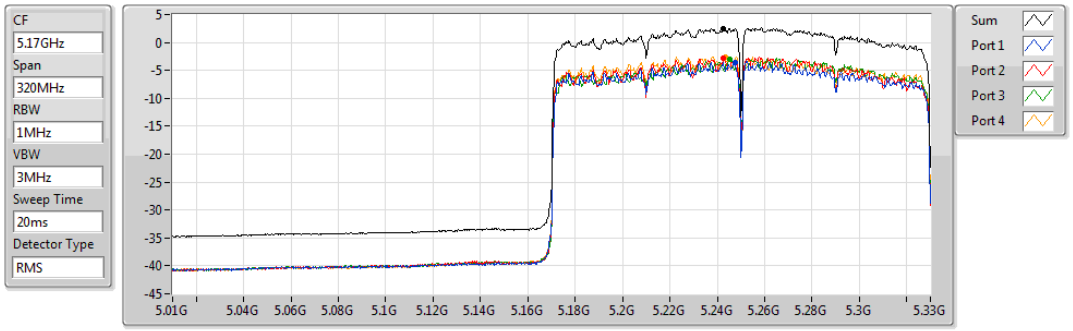
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.54	6.54	0.72	0.60	1.09	0.76

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

5250MHz Straddle 5.15-5.25GHz

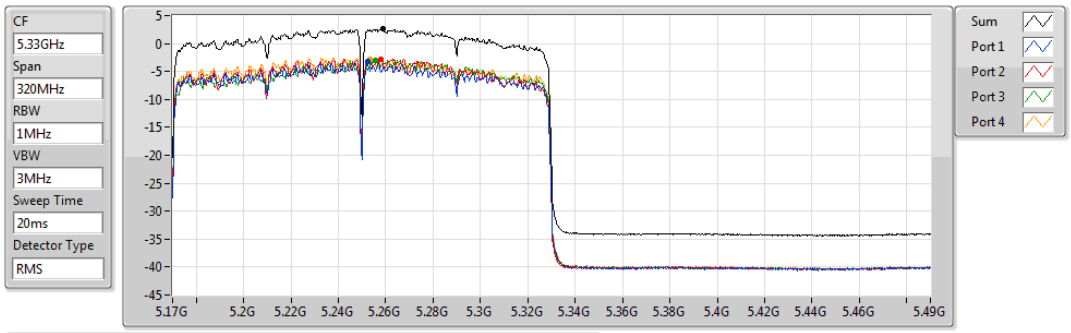


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.46	2.46	-3.56	-2.79	-3.04	-2.57

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

5250MHz Straddle 5.25-5.35GHz

01/12/2018

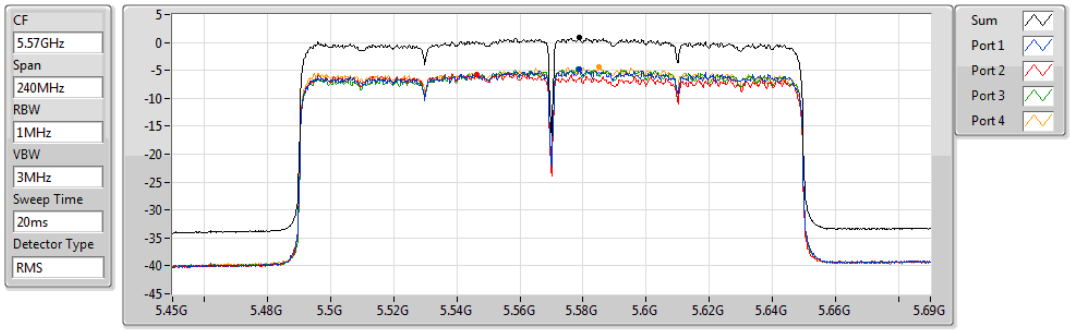


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.62	2.62	-3.16	-2.77	-3.03	-2.81

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

5570MHz

01/12/2018



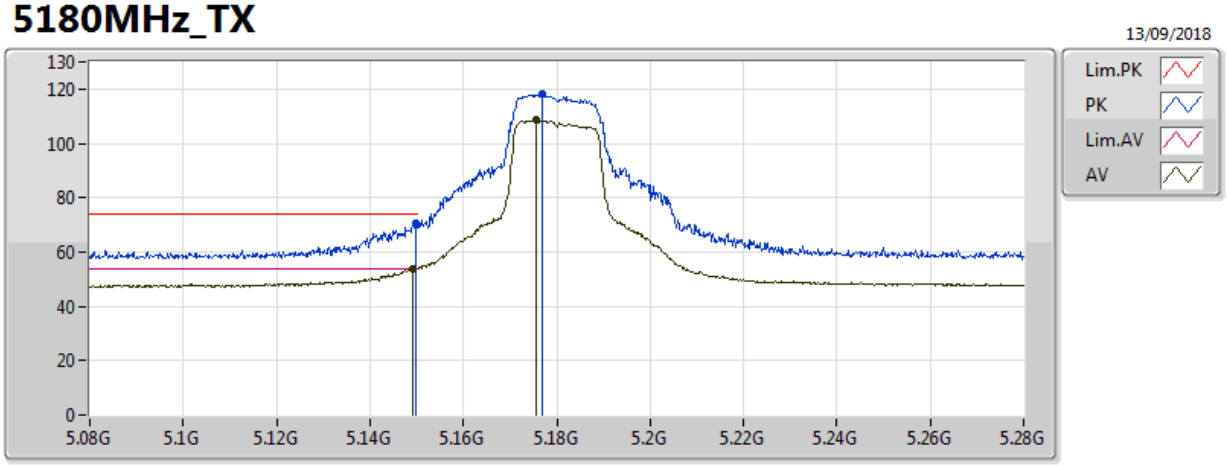
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.86	0.86	-4.79	-5.66	-4.82	-4.45

For 802.11ac mode:
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	Pass	AV	5.7255G	53.99	54.00	-0.01	7.23	3	Vertical	11	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

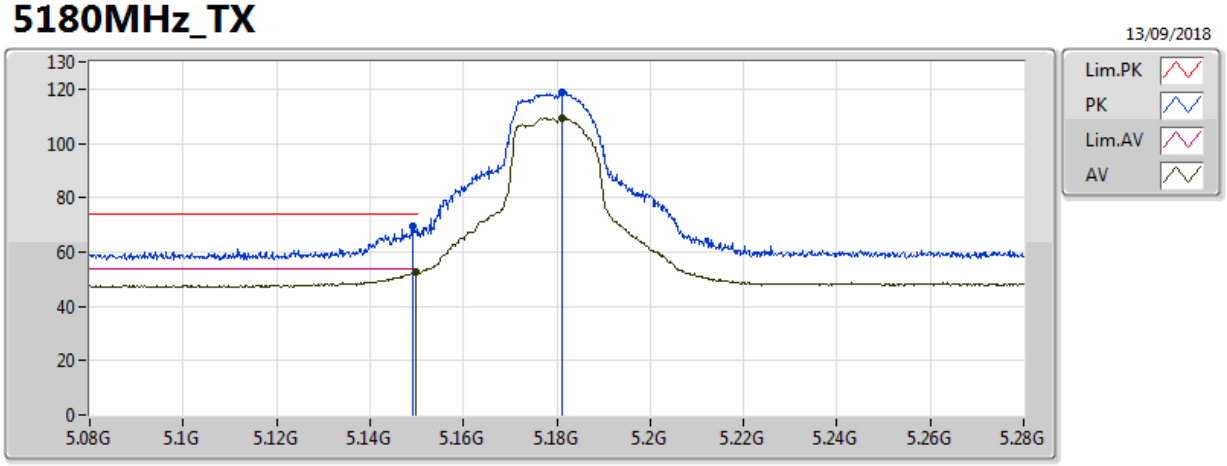


EUT Y_4TX
Setting 84
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1498G	70.48	74.00	-3.52	6.14	3	Vertical	280	1.50	-
AV	5.1492G	53.85	54.00	-0.15	6.14	3	Vertical	280	1.50	-
PK	5.1768G	117.96	Inf	-Inf	6.18	3	Vertical	280	1.50	-
AV	5.1756G	108.62	Inf	-Inf	6.18	3	Vertical	280	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

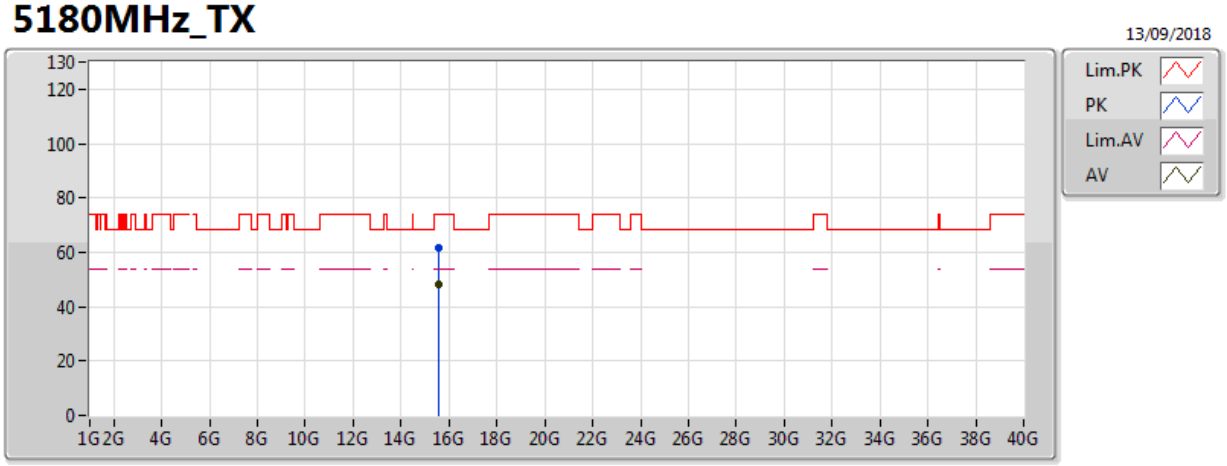


EUT Y_4TX
Setting 84
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1492G	69.50	74.00	-4.50	6.15	3	Horizontal	106	1.30	-
AV	5.1498G	52.53	54.00	-1.47	6.15	3	Horizontal	106	1.30	-
PK	5.181G	118.95	Inf	-Inf	6.19	3	Horizontal	106	1.30	-
AV	5.1812G	109.44	Inf	-Inf	6.19	3	Horizontal	106	1.30	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

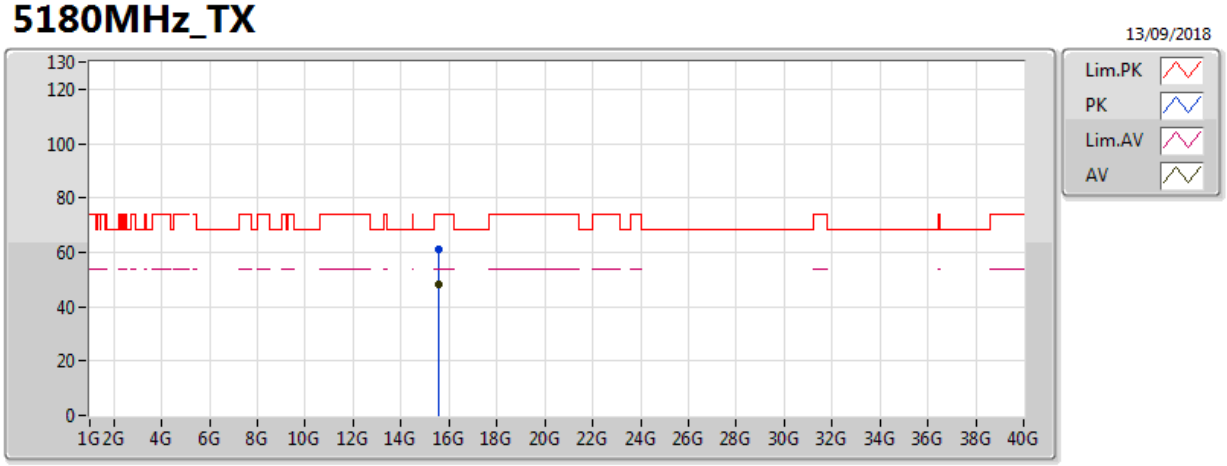


EUT Y_4TX
Setting 84
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.55254G	61.84	74.00	-12.16	16.20	3	Vertical	98	1.29	-
AV	15.55458G	48.05	54.00	-5.95	16.19	3	Vertical	98	1.29	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

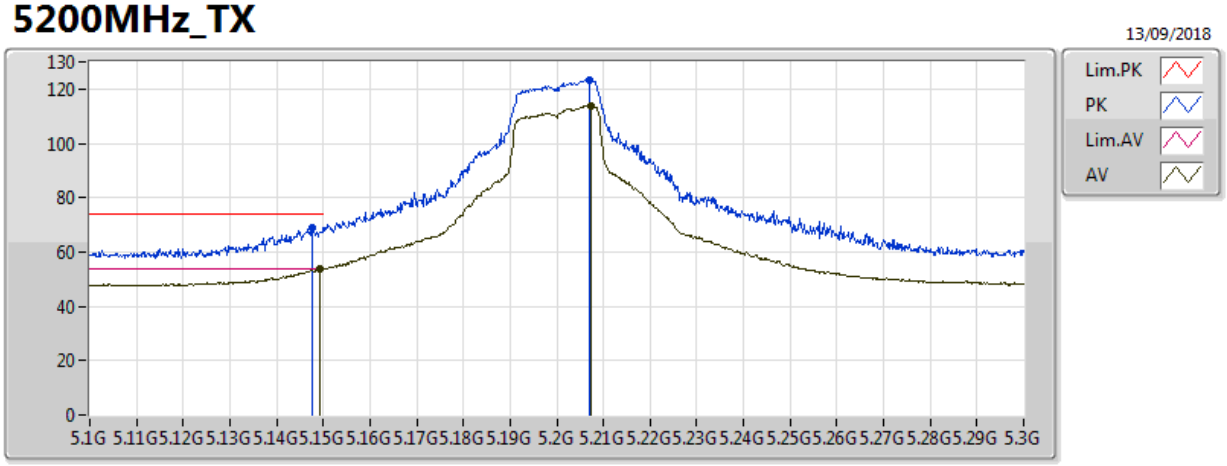


EUT Y_4TX
Setting 84
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.55161G	61.35	74.00	-12.65	16.20	3	Horizontal	198	1.48	-
AV	15.55395G	48.02	54.00	-5.98	16.19	3	Horizontal	198	1.48	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

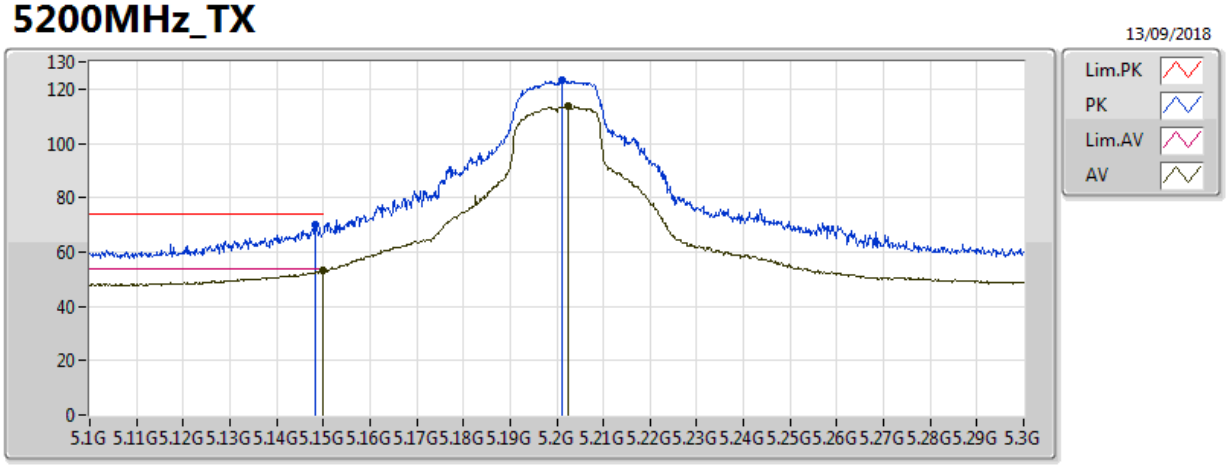


EUT Y_4TX
Setting 102
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1476G	69.15	74.00	-4.85	6.15	3	Vertical	208	2.99	-
AV	5.1494G	53.91	54.00	-0.09	6.15	3	Vertical	208	2.99	-
PK	5.207G	123.42	Inf	-Inf	6.24	3	Vertical	208	2.99	-
AV	5.2072G	113.76	Inf	-Inf	6.24	3	Vertical	208	2.99	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

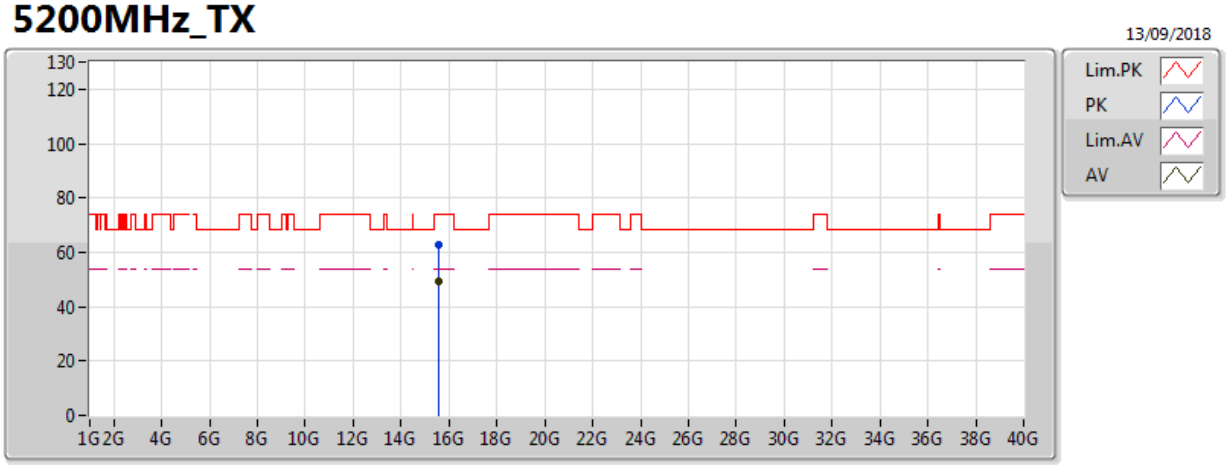


EUT Y_4TX
Setting 102
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1484G	69.91	74.00	-4.09	6.15	3	Horizontal	109	1.48	-
AV	5.1498G	52.98	54.00	-1.02	6.15	3	Horizontal	109	1.48	-
PK	5.201G	123.52	Inf	-Inf	6.22	3	Horizontal	109	1.48	-
AV	5.2024G	113.59	Inf	-Inf	6.23	3	Horizontal	109	1.48	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

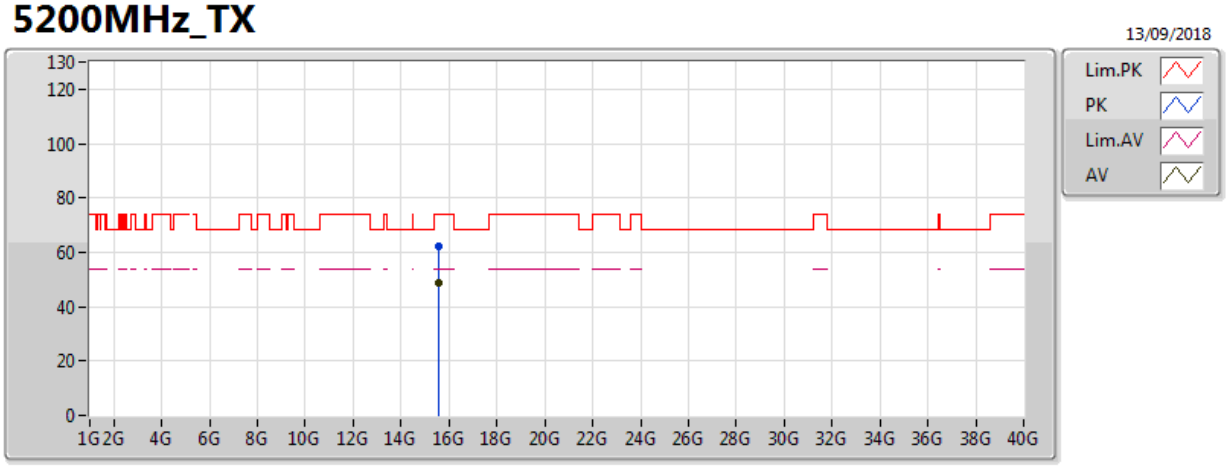


EUT Y_4TX
Setting 102
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.59427G	62.81	74.00	-11.19	16.06	3	Vertical	143	1.50	-
AV	15.59334G	49.24	54.00	-4.76	16.06	3	Vertical	143	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

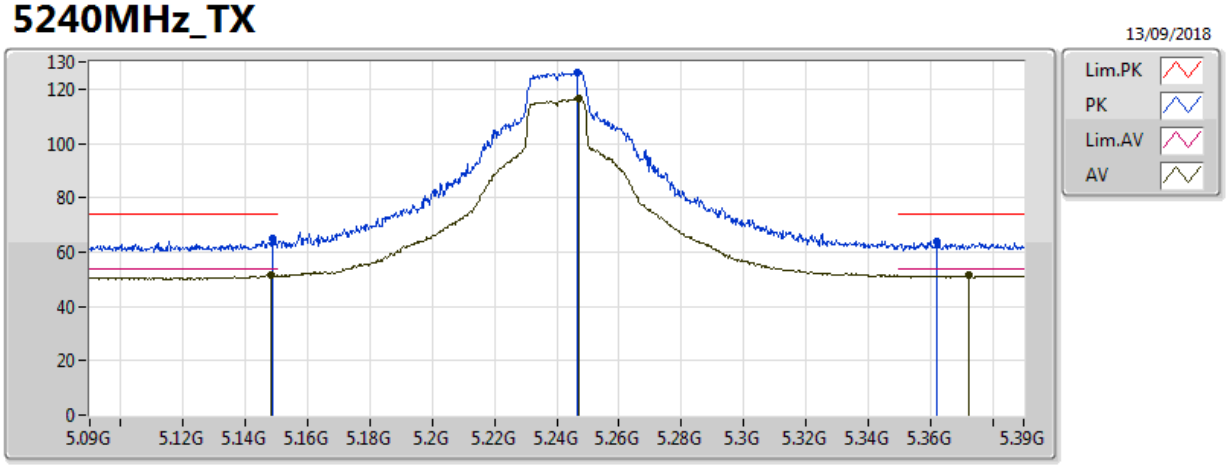


EUT Y_4TX
Setting 102
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.58872G	62.24	74.00	-11.76	16.08	3	Horizontal	195	1.59	-
AV	15.59745G	48.86	54.00	-5.14	16.05	3	Horizontal	195	1.59	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

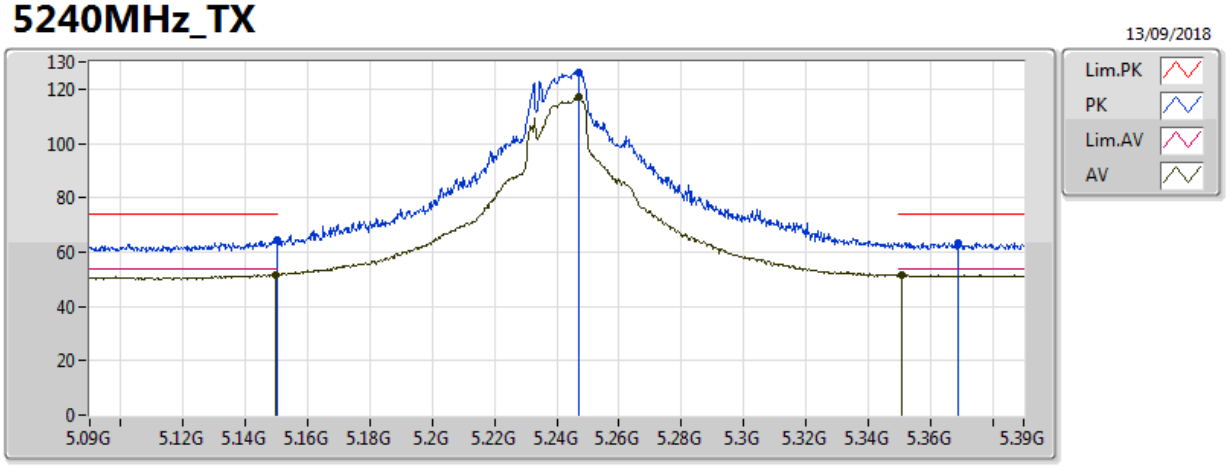


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1485G	64.78	74.00	-9.22	6.15	3	Vertical	206	2.36	-
AV	5.1482G	51.39	54.00	-2.61	6.15	3	Vertical	206	2.36	-
PK	5.2466G	126.16	Inf	-Inf	6.35	3	Vertical	206	2.36	-
AV	5.2469G	116.66	Inf	-Inf	6.35	3	Vertical	206	2.36	-
PK	5.3621G	63.87	74.00	-10.13	6.63	3	Vertical	206	2.36	-
AV	5.3726G	51.34	54.00	-2.66	6.66	3	Vertical	206	2.36	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

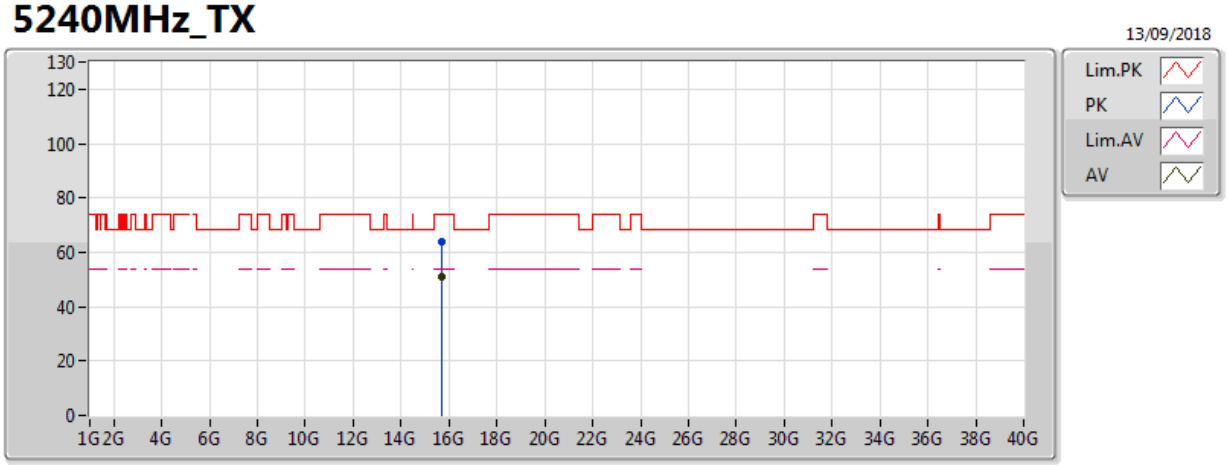


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	64.29	74.00	-9.71	6.15	3	Horizontal	113	1.49	-
AV	5.1497G	51.68	54.00	-2.32	6.15	3	Horizontal	113	1.49	-
PK	5.2472G	126.04	Inf	-Inf	6.35	3	Horizontal	113	1.49	-
AV	5.2472G	117.09	Inf	-Inf	6.35	3	Horizontal	113	1.49	-
PK	5.369G	63.57	74.00	-10.43	6.65	3	Horizontal	113	1.49	-
AV	5.3507G	51.41	54.00	-2.59	6.61	3	Horizontal	113	1.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

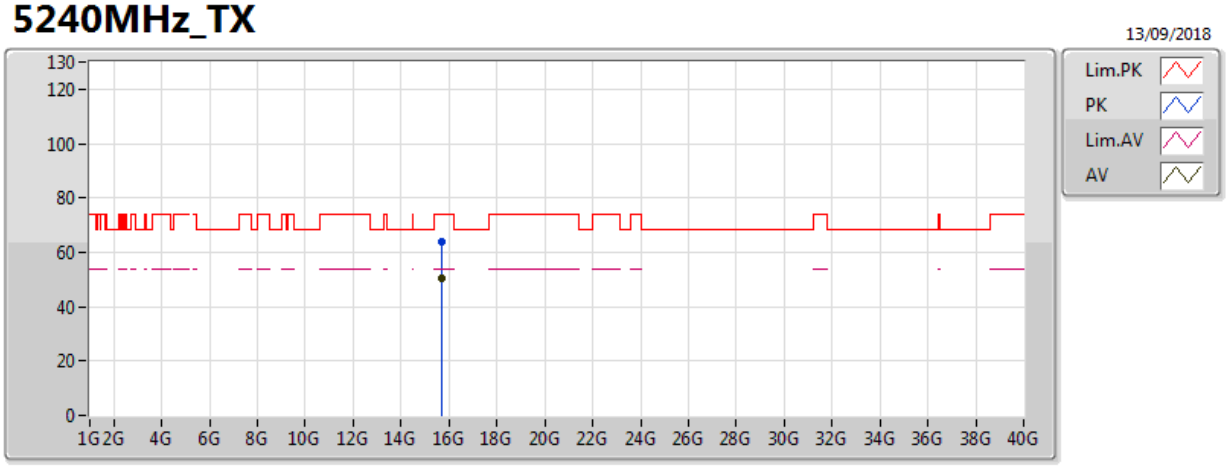


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.71076G	63.88	74.00	-10.12	15.67	3	Vertical	153	1.33	-
AV	15.71949G	50.78	54.00	-3.22	15.64	3	Vertical	153	1.33	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

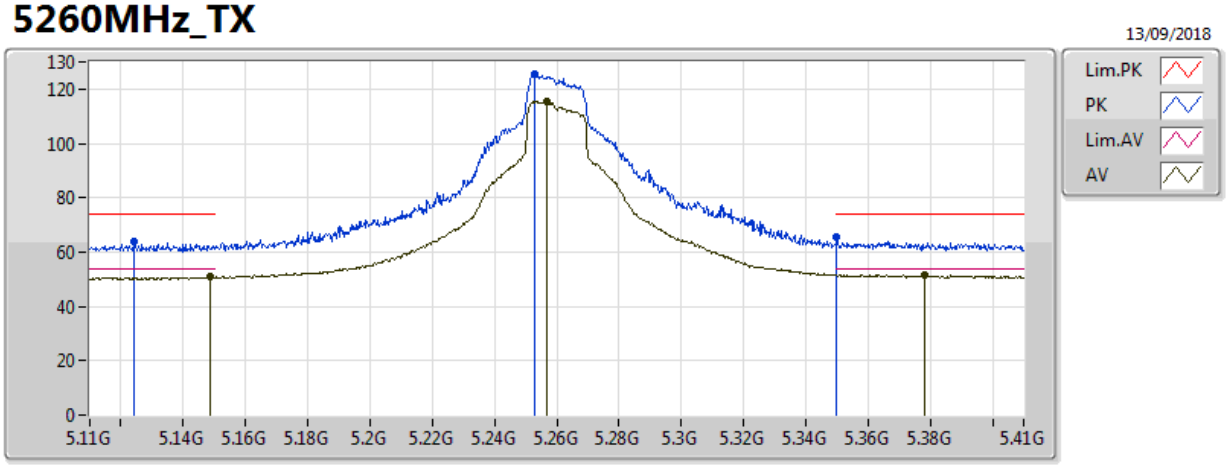


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.72267G	63.92	74.00	-10.08	15.63	3	Horizontal	161	1.94	-
AV	15.72174G	50.18	54.00	-3.82	15.63	3	Horizontal	161	1.94	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

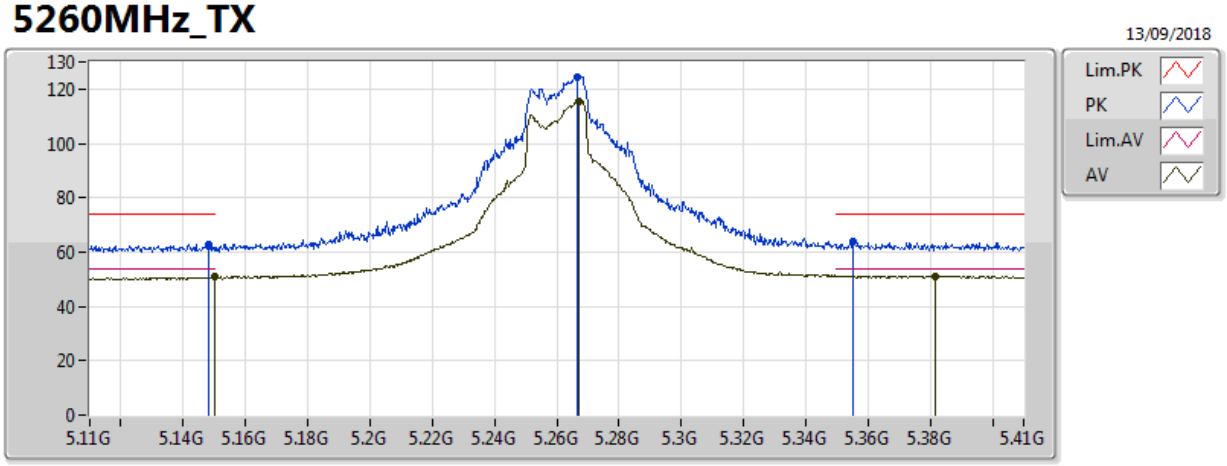


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1244G	63.88	74.00	-10.12	6.10	3	Vertical	198	1.64	-
AV	5.1487G	50.87	54.00	-3.13	6.15	3	Vertical	198	1.64	-
PK	5.2528G	125.25	Inf	-Inf	6.36	3	Vertical	198	1.64	-
AV	5.257G	115.39	Inf	-Inf	6.37	3	Vertical	198	1.64	-
PK	5.350005G	65.65	74.00	-8.35	6.61	3	Vertical	198	1.64	-
AV	5.3782G	51.49	54.00	-2.51	6.67	3	Vertical	198	1.64	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

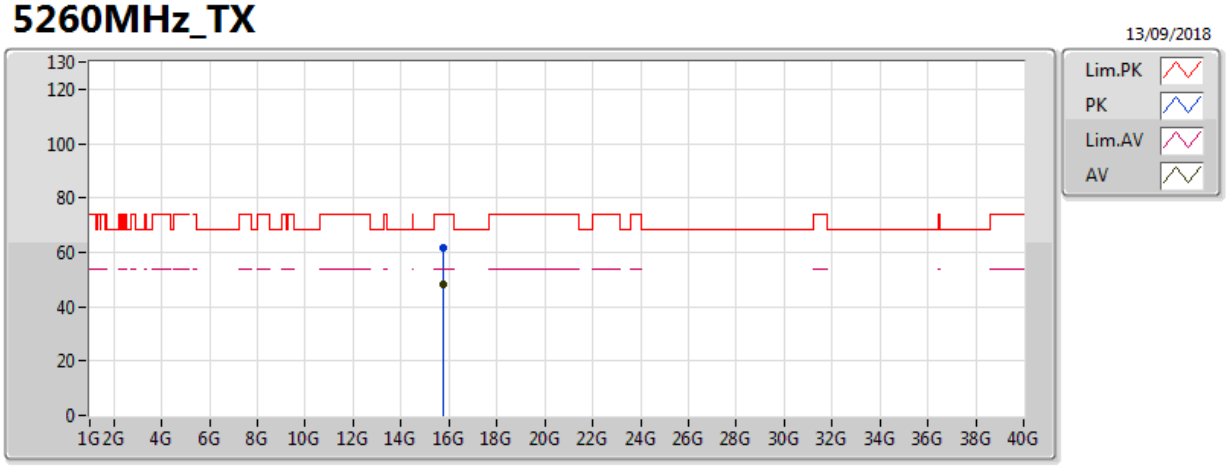


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1481G	62.67	74.00	-11.33	6.15	3	Horizontal	112	1.46	-
AV	5.1499G	50.74	54.00	-3.26	6.15	3	Horizontal	112	1.46	-
PK	5.2666G	124.50	Inf	-Inf	6.40	3	Horizontal	112	1.46	-
AV	5.2672G	115.64	Inf	-Inf	6.40	3	Horizontal	112	1.46	-
PK	5.3554G	63.79	74.00	-10.21	6.62	3	Horizontal	112	1.46	-
AV	5.3815G	51.26	54.00	-2.74	6.69	3	Horizontal	112	1.46	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

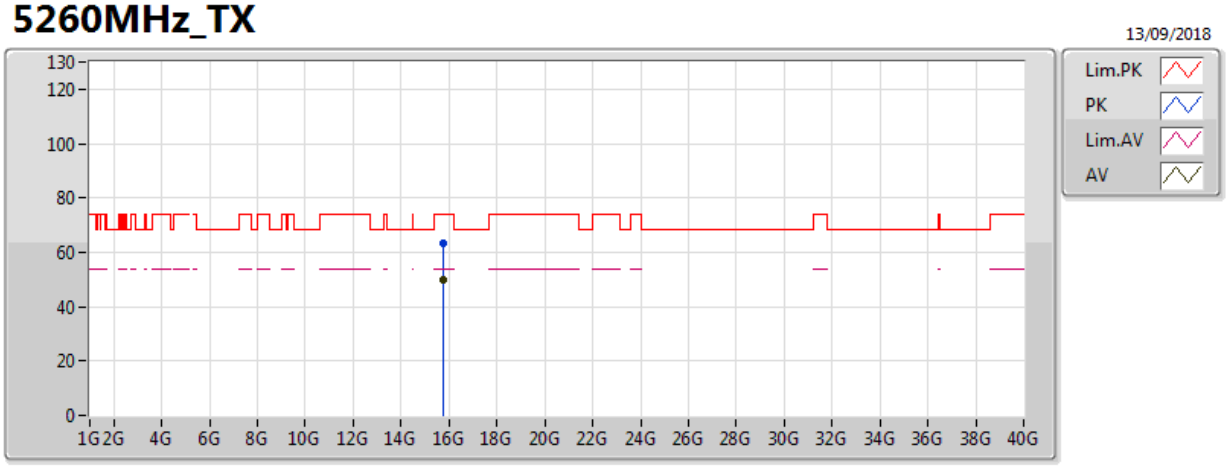


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.77205G	61.81	74.00	-12.19	15.46	3	Vertical	141	1.50	-
AV	15.7756G	48.41	54.00	-5.59	15.45	3	Vertical	141	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

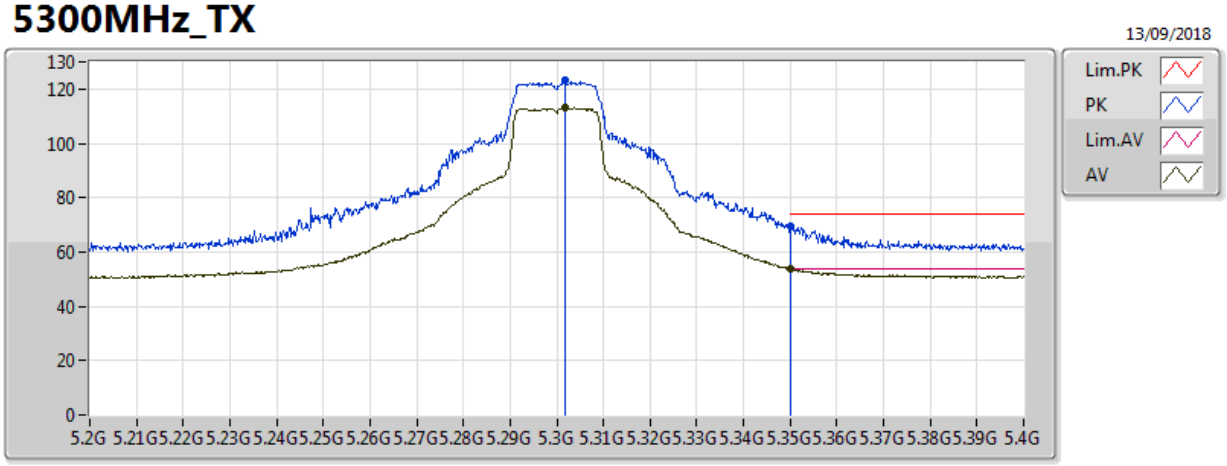


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7794G	63.34	74.00	-10.66	15.44	3	Horizontal	161	1.74	-
AV	15.77946G	49.99	54.00	-4.01	15.44	3	Horizontal	161	1.74	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

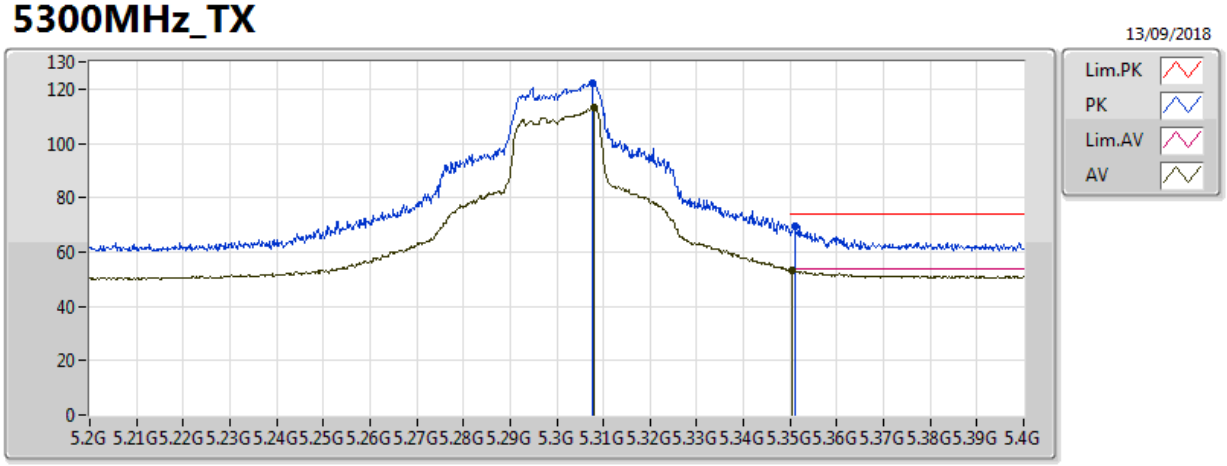


EUT Y_4TX
Setting 99
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3018G	123.15	Inf	-Inf	6.49	3	Vertical	207	1.95	-
AV	5.3018G	113.03	Inf	-Inf	6.49	3	Vertical	207	1.95	-
PK	5.3502G	69.29	74.00	-4.71	6.61	3	Vertical	207	1.95	-
AV	5.3502G	53.83	54.00	-0.17	6.61	3	Vertical	207	1.95	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

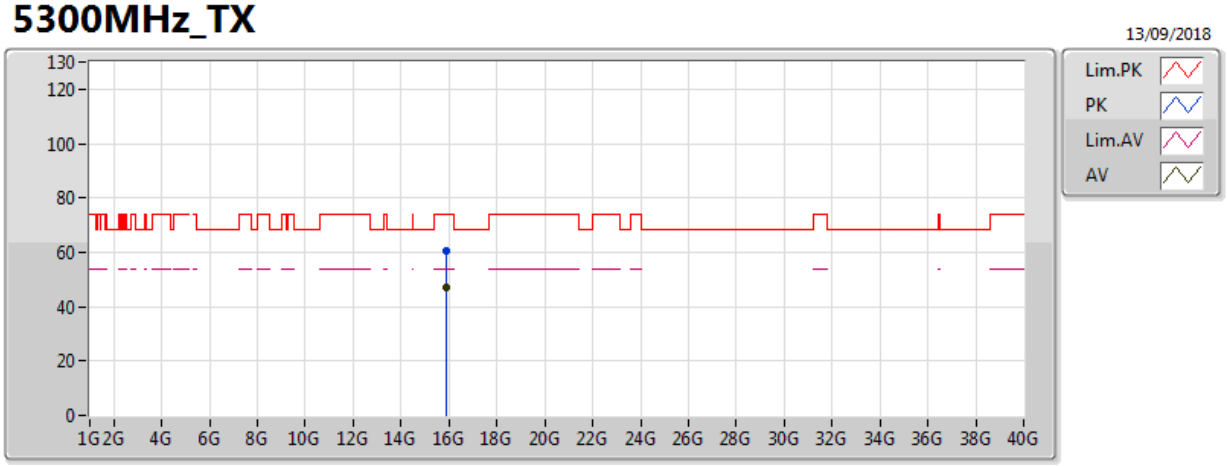


EUT Y_4TX
Setting 99
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3078G	121.93	Inf	-Inf	6.51	3	Horizontal	111	1.46	-
AV	5.308G	113.05	Inf	-Inf	6.51	3	Horizontal	111	1.46	-
PK	5.351G	69.57	74.00	-4.43	6.61	3	Horizontal	111	1.46	-
AV	5.3504G	53.16	54.00	-0.84	6.61	3	Horizontal	111	1.46	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

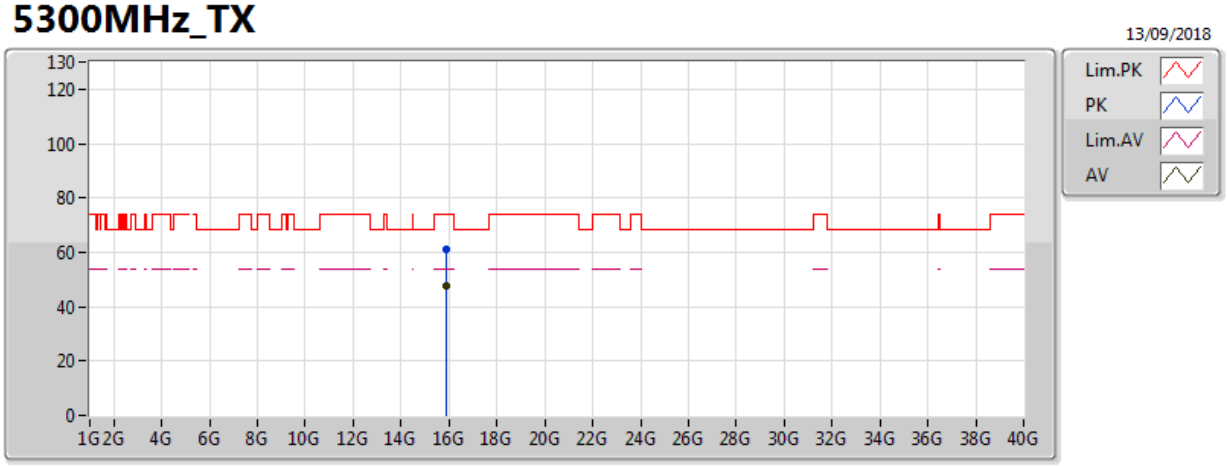


EUT Y_4TX
Setting 99
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8907G	60.30	74.00	-13.70	15.07	3	Vertical	186	1.85	-
AV	15.89625G	47.08	54.00	-6.92	15.05	3	Vertical	186	1.85	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

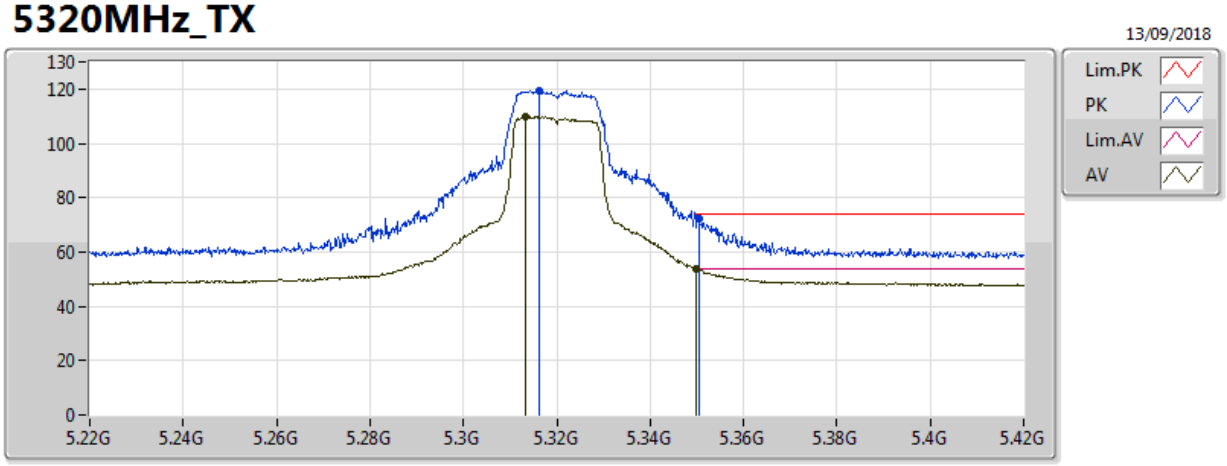


EUT Y_4TX
Setting 99
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8857G	61.20	74.00	-12.80	15.08	3	Horizontal	159	2.99	-
AV	15.901G	47.77	54.00	-6.23	15.03	3	Horizontal	159	2.99	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

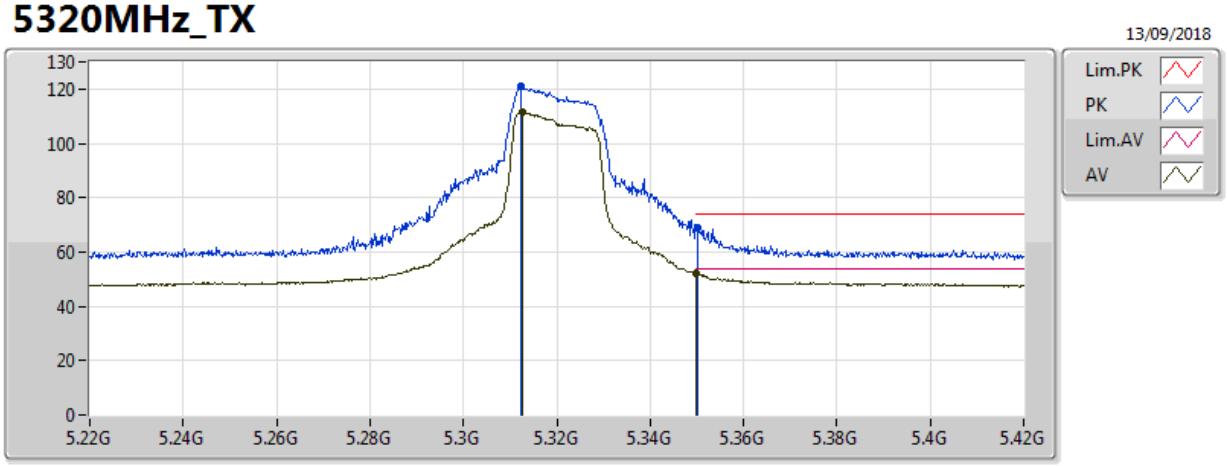


EUT Y_4TX
Setting 86
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3162G	119.44	Inf	-Inf	6.53	3	Vertical	208	2.42	-
AV	5.3134G	109.77	Inf	-Inf	6.52	3	Vertical	208	2.42	-
PK	5.3504G	72.25	74.00	-1.75	6.61	3	Vertical	208	2.42	-
AV	5.350005G	53.81	54.00	-0.19	6.61	3	Vertical	208	2.42	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

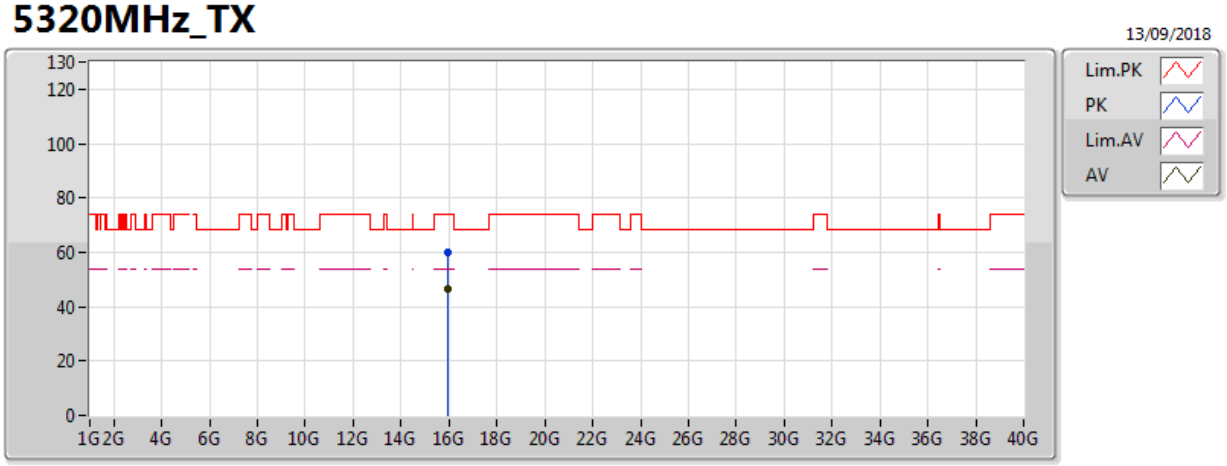


EUT Y_4TX
Setting 86
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3124G	120.85	Inf	-Inf	6.52	3	Horizontal	110	1.40	-
AV	5.3126G	111.35	Inf	-Inf	6.52	3	Horizontal	110	1.40	-
PK	5.3502G	68.67	74.00	-5.33	6.61	3	Horizontal	110	1.40	-
AV	5.350005G	52.32	54.00	-1.68	6.61	3	Horizontal	110	1.40	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

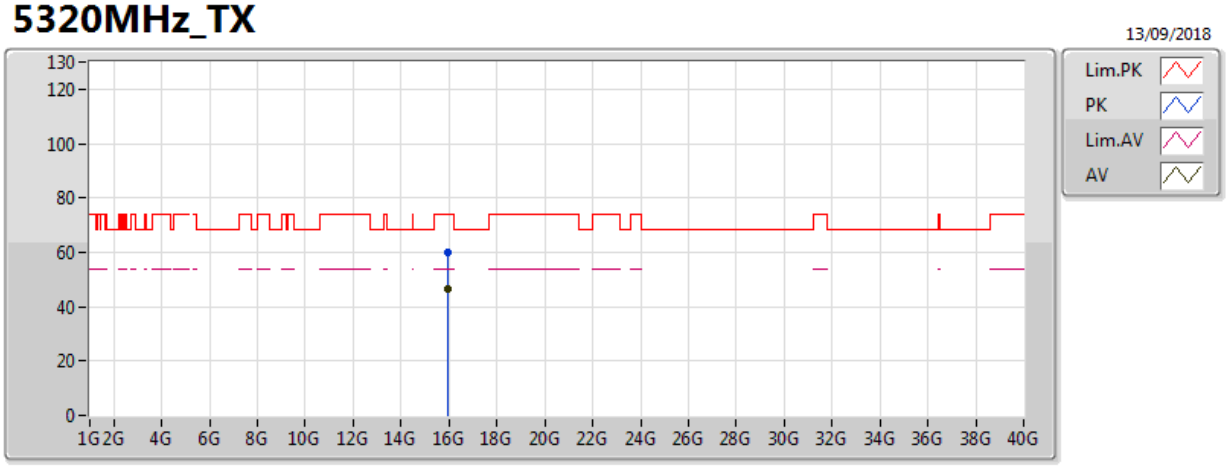


EUT Y_4TX
Setting 86
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.95337G	60.08	74.00	-13.92	14.86	3	Vertical	131	1.69	-
AV	15.94911G	46.53	54.00	-7.47	14.87	3	Vertical	131	1.69	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

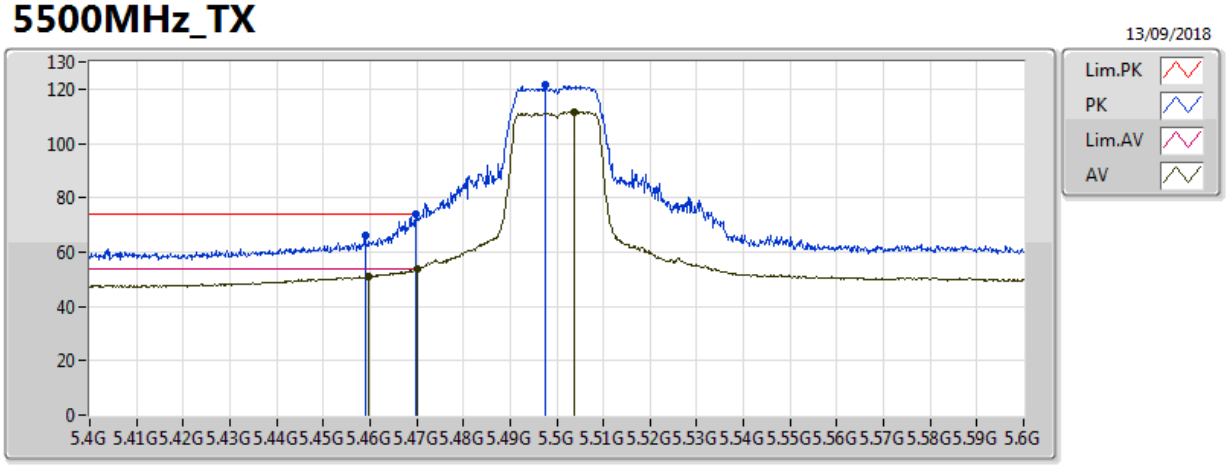


EUT Y_4TX
Setting 86
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.95526G	59.96	74.00	-14.04	14.85	3	Horizontal	187	1.59	-
AV	15.95673G	46.63	54.00	-7.37	14.84	3	Horizontal	187	1.59	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

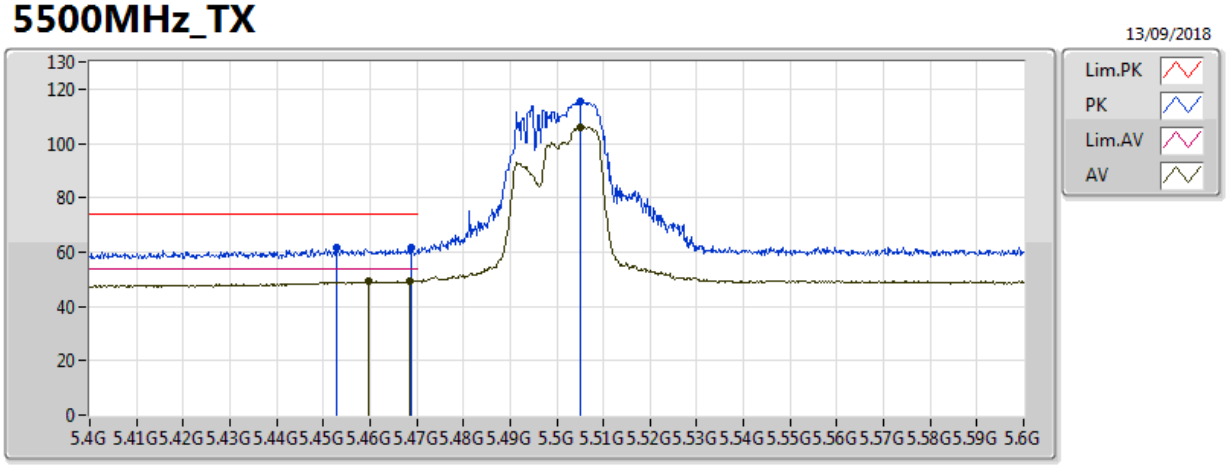


EUT Y_4TX
Setting 82
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.459G	66.11	74.00	-7.89	6.89	3	Vertical	17	1.69	-
AV	5.4598G	50.93	54.00	-3.07	6.89	3	Vertical	17	1.69	-
PK	5.4698G	73.85	74.00	-0.15	6.92	3	Vertical	17	1.69	-
AV	5.469995G	53.84	54.00	-0.16	6.92	3	Vertical	17	1.69	-
PK	5.4976G	121.48	Inf	-Inf	6.99	3	Vertical	17	1.69	-
AV	5.5036G	111.56	Inf	-Inf	7.00	3	Vertical	17	1.69	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

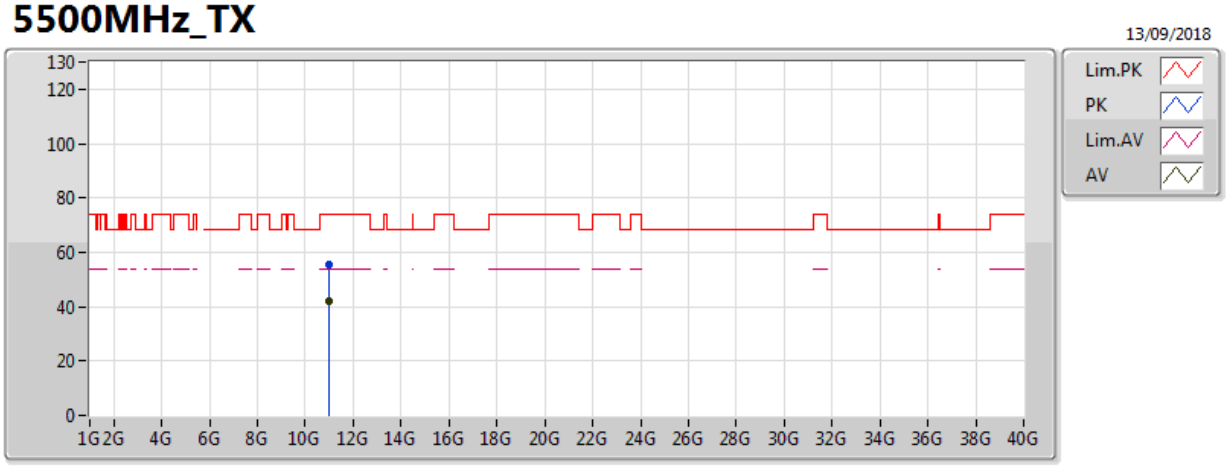


EUT Y_4TX
Setting 82
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4528G	61.79	74.00	-12.21	6.88	3	Horizontal	276	1.57	-
AV	5.4596G	49.13	54.00	-4.87	6.89	3	Horizontal	276	1.57	-
PK	5.4688G	61.49	74.00	-12.51	6.91	3	Horizontal	276	1.57	-
AV	5.4686G	49.39	54.00	-4.61	6.91	3	Horizontal	276	1.57	-
PK	5.5052G	115.70	Inf	-Inf	7.00	3	Horizontal	276	1.57	-
AV	5.5052G	106.18	Inf	-Inf	7.00	3	Horizontal	276	1.57	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

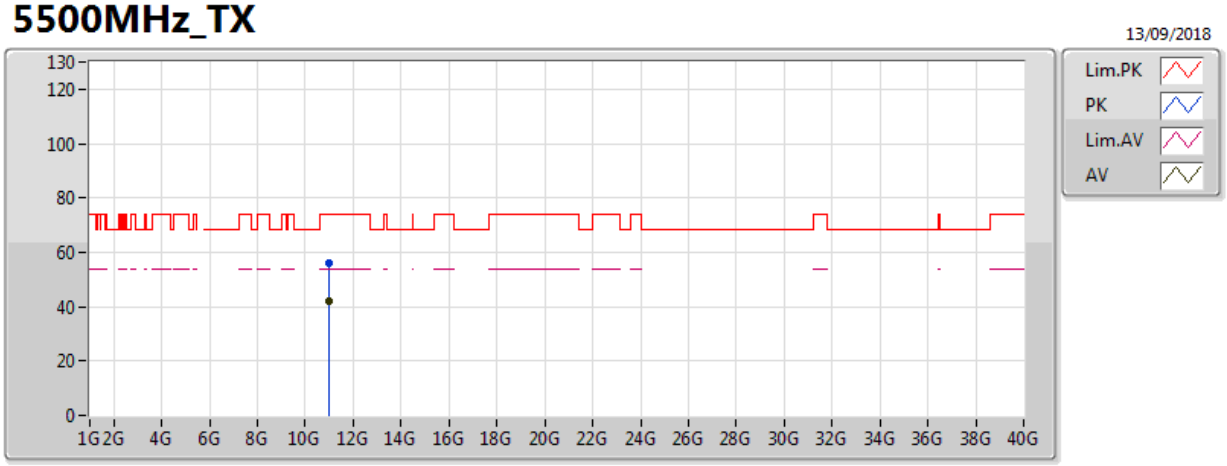


EUT Y_4TX
Setting 82
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.9779G	55.74	74.00	-18.26	14.00	3	Vertical	124	2.16	-
AV	11.00615G	42.04	54.00	-11.96	14.02	3	Vertical	124	2.16	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

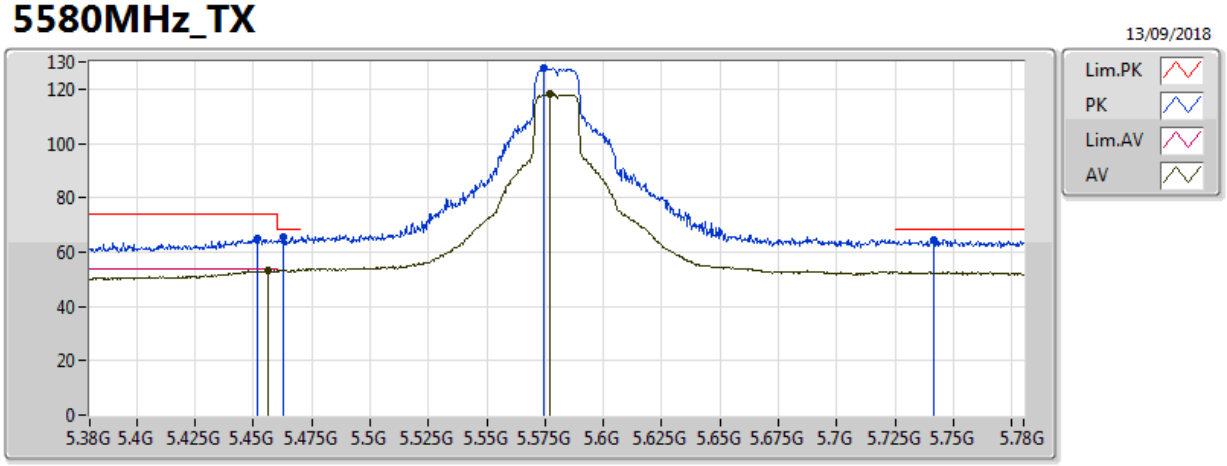


EUT Y_4TX
Setting 82
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.01105G	55.89	74.00	-18.11	14.03	3	Horizontal	29	2.11	-
AV	11.01885G	42.22	54.00	-11.78	14.03	3	Horizontal	29	2.11	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

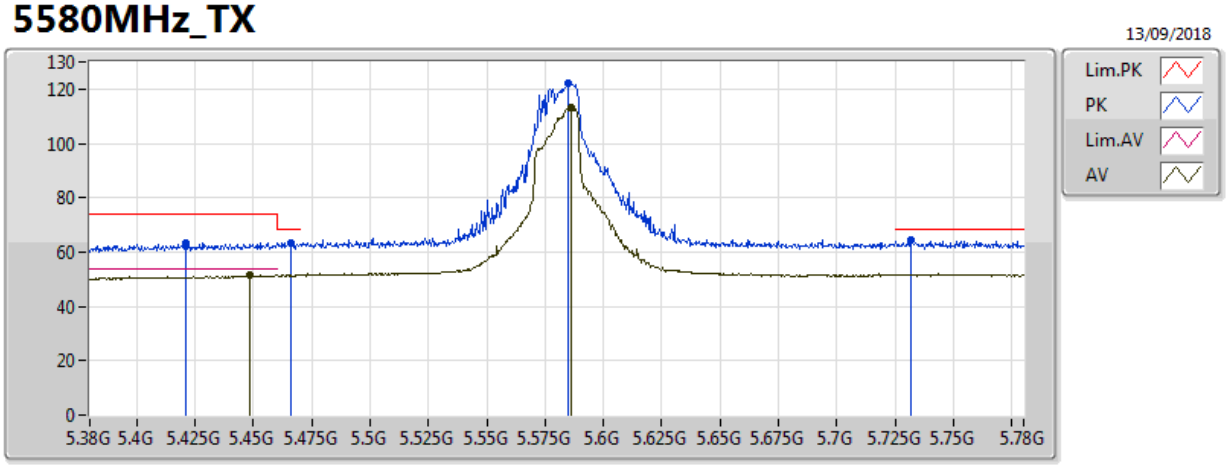


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.452G	65.10	74.00	-8.90	6.87	3	Vertical	13	1.46	-
AV	5.4564G	52.98	54.00	-1.02	6.88	3	Vertical	13	1.46	-
PK	5.4628G	65.60	68.20	-2.60	6.90	3	Vertical	13	1.46	-
PK	5.5744G	127.52	Inf	-Inf	7.06	3	Vertical	13	1.46	-
AV	5.5768G	118.20	Inf	-Inf	7.06	3	Vertical	13	1.46	-
PK	5.7416G	64.64	68.20	-3.56	7.24	3	Vertical	13	1.46	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

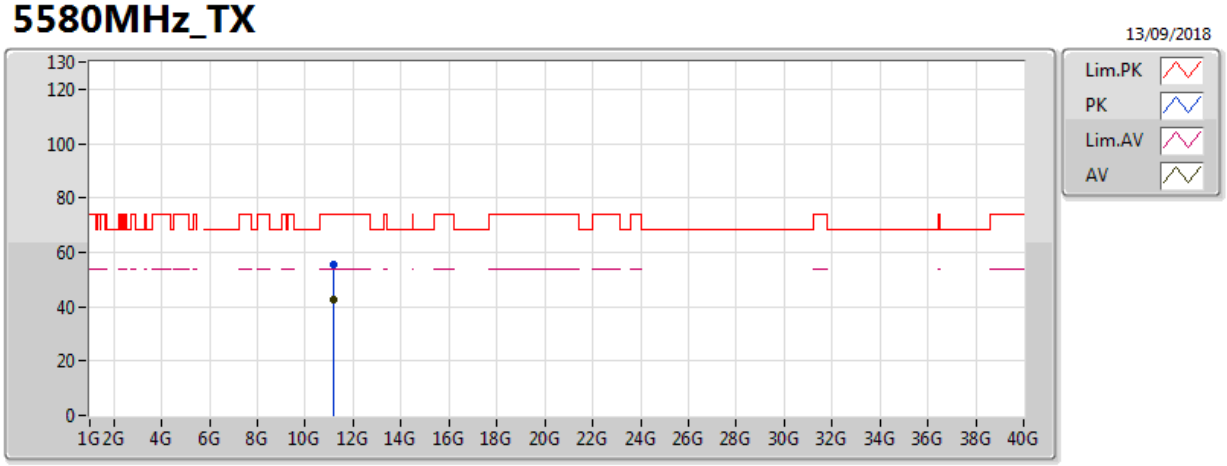


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4208G	63.36	74.00	-10.64	6.79	3	Horizontal	63	1.47	-
AV	5.4488G	51.38	54.00	-2.62	6.86	3	Horizontal	63	1.47	-
PK	5.466G	63.44	68.20	-4.76	6.91	3	Horizontal	63	1.47	-
PK	5.5852G	122.15	Inf	-Inf	7.07	3	Horizontal	63	1.47	-
AV	5.5864G	113.22	Inf	-Inf	7.07	3	Horizontal	63	1.47	-
PK	5.732G	64.24	68.20	-3.96	7.23	3	Horizontal	63	1.47	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

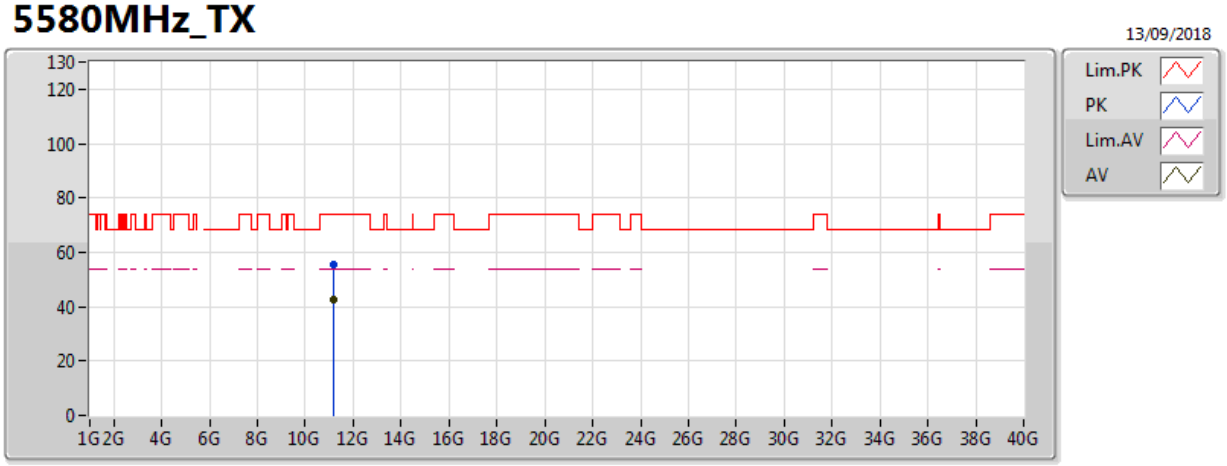


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1551G	55.62	74.00	-18.38	14.09	3	Vertical	131	1.15	-
AV	11.16525G	42.40	54.00	-11.60	14.10	3	Vertical	131	1.15	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

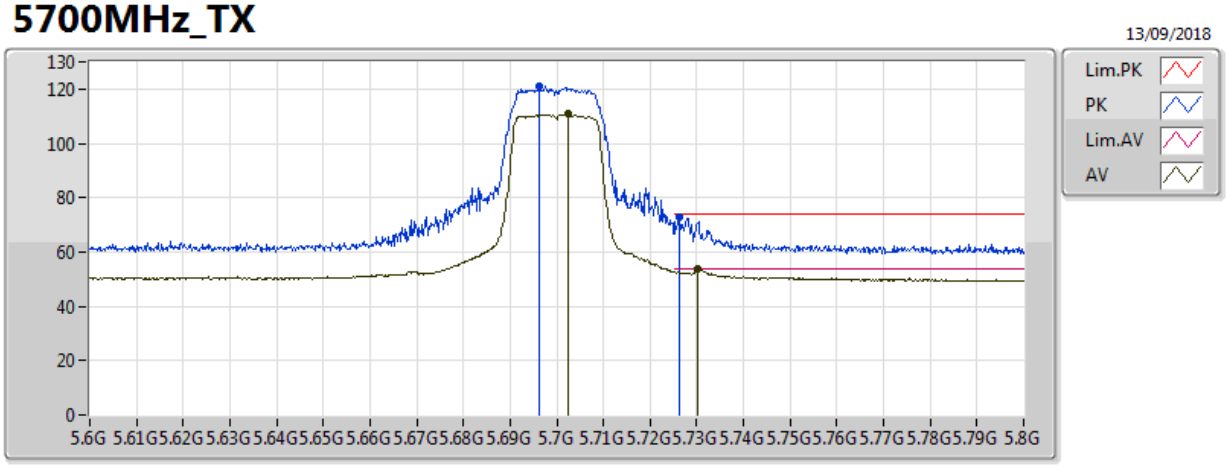


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.16582G	55.69	74.00	-18.31	14.10	3	Horizontal	345	1.62	-
AV	11.16195G	42.38	54.00	-11.62	14.10	3	Horizontal	345	1.62	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

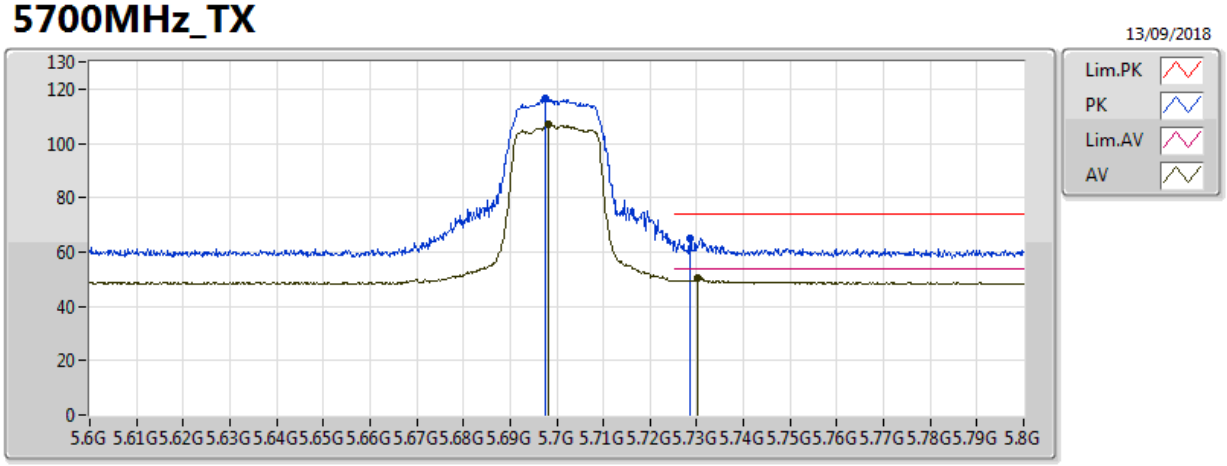


EUT Y_4TX
Setting 80
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6964G	121.01	Inf	-Inf	7.19	3	Vertical	16	1.31	-
AV	5.7024G	110.74	Inf	-Inf	7.19	3	Vertical	16	1.31	-
PK	5.7264G	72.85	74.00	-1.15	7.22	3	Vertical	16	1.31	-
AV	5.7302G	53.88	54.00	-0.12	7.22	3	Vertical	16	1.31	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

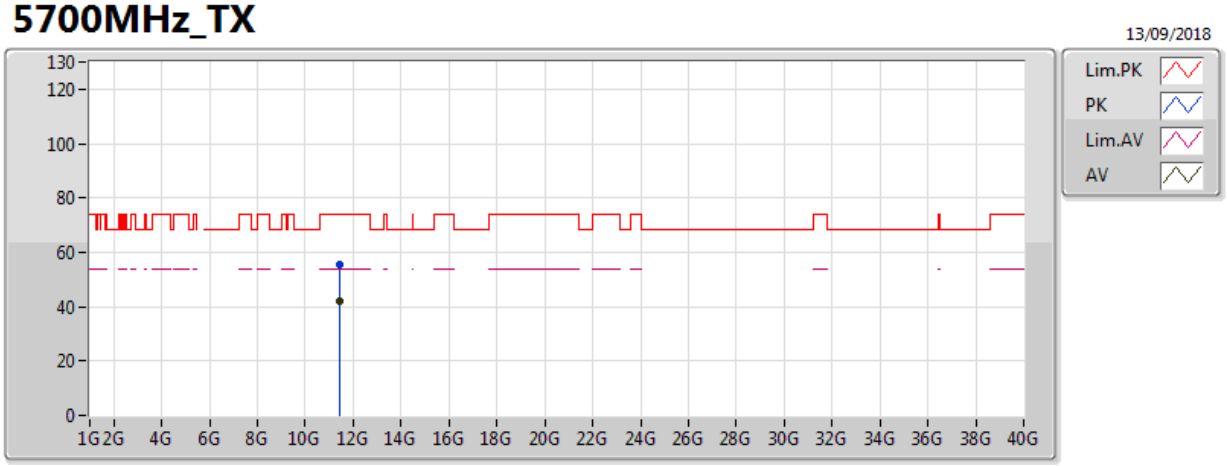


EUT Y_4TX
Setting 80
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6976G	116.64	Inf	-Inf	7.19	3	Horizontal	105	1.97	-
AV	5.6982G	106.83	Inf	-Inf	7.19	3	Horizontal	105	1.97	-
PK	5.7284G	65.20	74.00	-8.80	7.23	3	Horizontal	105	1.97	-
AV	5.7302G	50.44	54.00	-3.56	7.23	3	Horizontal	105	1.97	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

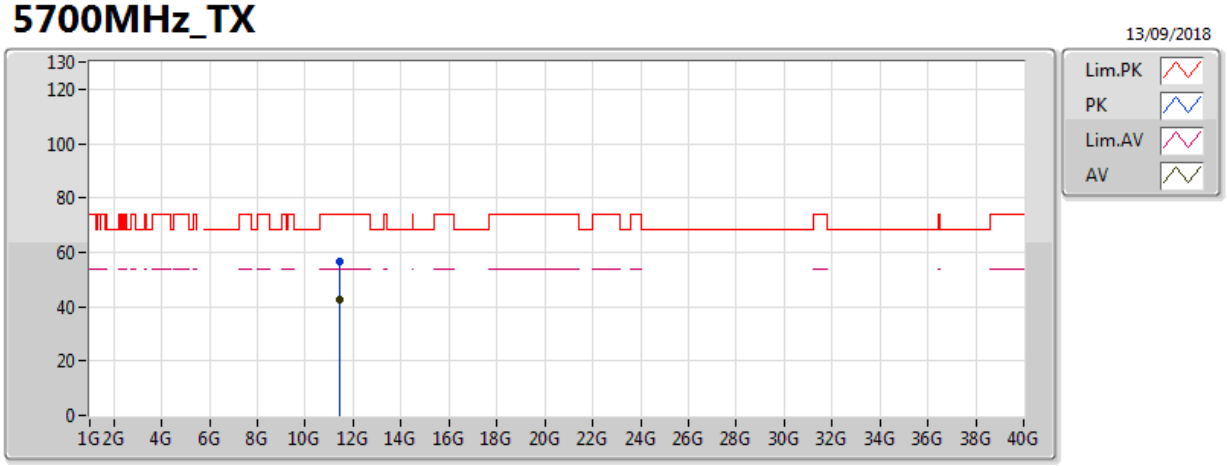


EUT Y_4TX
Setting 80
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.41885G	55.32	74.00	-18.68	14.22	3	Vertical	118	1.52	-
AV	11.41475G	42.28	54.00	-11.72	14.22	3	Vertical	118	1.52	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

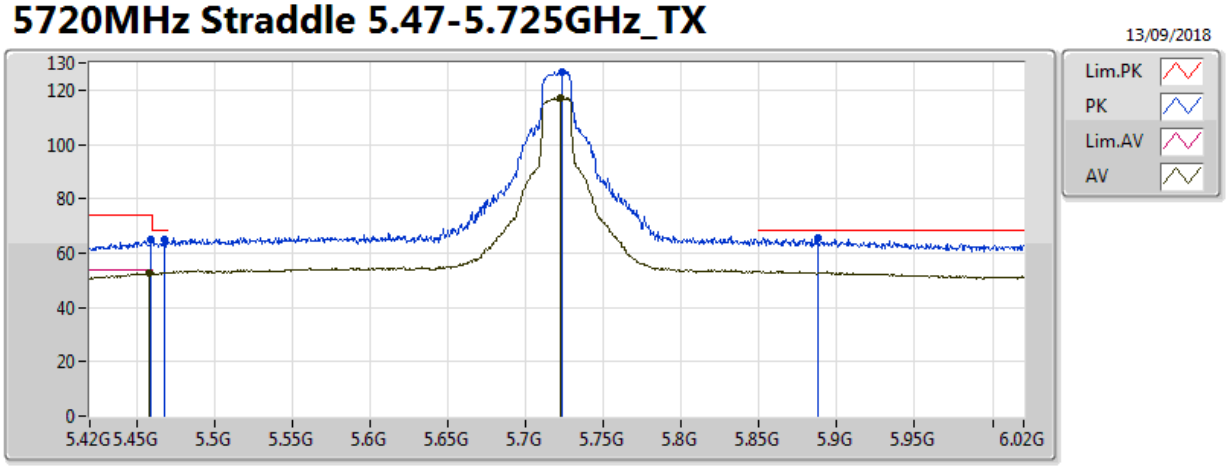


EUT Y_4TX
Setting 80
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.41125G	56.50	74.00	-17.50	14.22	3	Horizontal	304	1.48	-
AV	11.41385G	42.33	54.00	-11.67	14.22	3	Horizontal	304	1.48	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

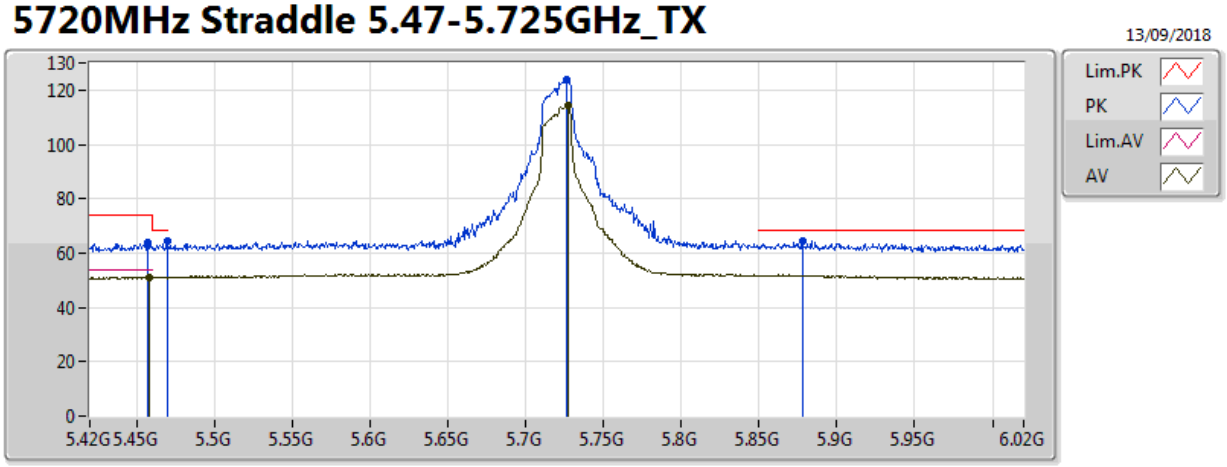


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4596G	65.02	74.00	-8.98	6.89	3	Vertical	15	1.46	-
AV	5.4584G	52.61	54.00	-1.39	6.89	3	Vertical	15	1.46	-
PK	5.468G	65.11	68.20	-3.09	6.91	3	Vertical	15	1.46	-
PK	5.723G	126.67	Inf	-Inf	7.22	3	Vertical	15	1.46	-
AV	5.7224G	117.30	Inf	-Inf	7.21	3	Vertical	15	1.46	-
PK	5.8874G	65.77	68.20	-2.43	7.25	3	Vertical	15	1.46	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

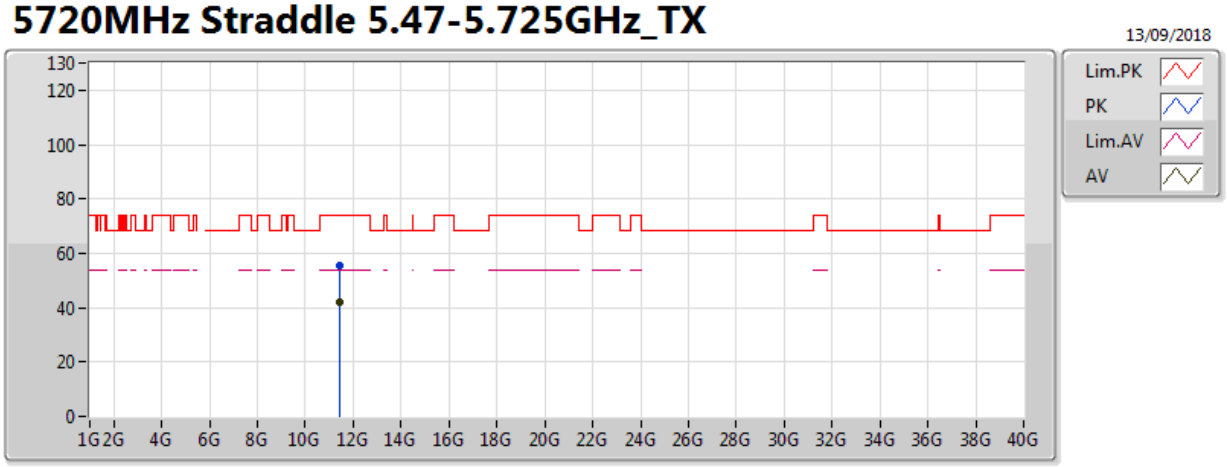


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4572G	63.97	74.00	-10.03	6.88	3	Horizontal	107	2.32	-
AV	5.4584G	51.16	54.00	-2.84	6.89	3	Horizontal	107	2.32	-
PK	5.4698G	64.39	68.20	-3.81	6.92	3	Horizontal	107	2.32	-
PK	5.726G	123.69	Inf	-Inf	7.22	3	Horizontal	107	2.32	-
AV	5.7272G	114.24	Inf	-Inf	7.22	3	Horizontal	107	2.32	-
PK	5.8778G	64.51	68.20	-3.69	7.26	3	Horizontal	107	2.32	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

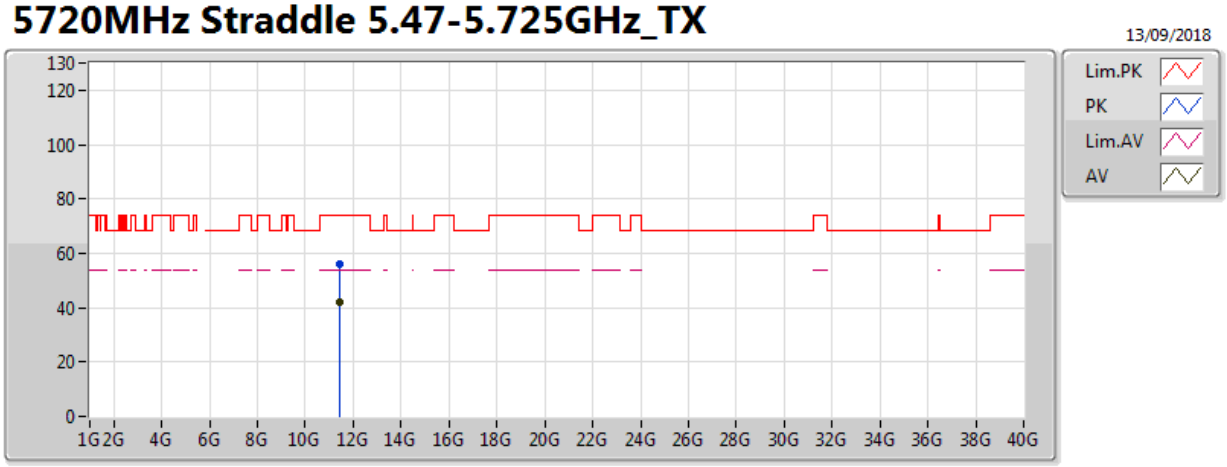


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.45975G	55.39	74.00	-18.61	14.24	3	Vertical	82	1.17	-
AV	11.4501G	42.08	54.00	-11.92	14.24	3	Vertical	82	1.17	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

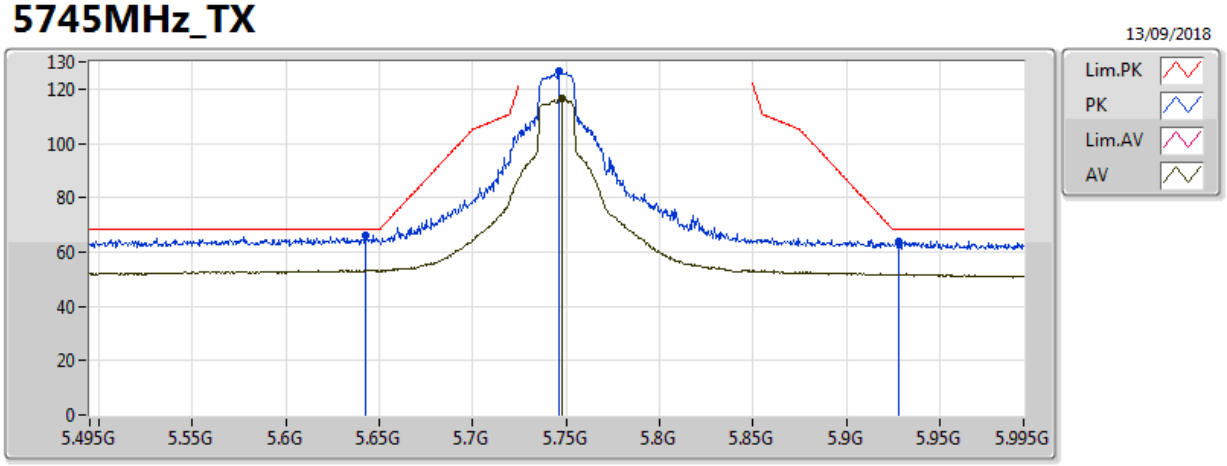


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.44535G	56.05	74.00	-17.95	14.23	3	Horizontal	171	2.07	-
AV	11.4261G	42.13	54.00	-11.87	14.22	3	Horizontal	171	2.07	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

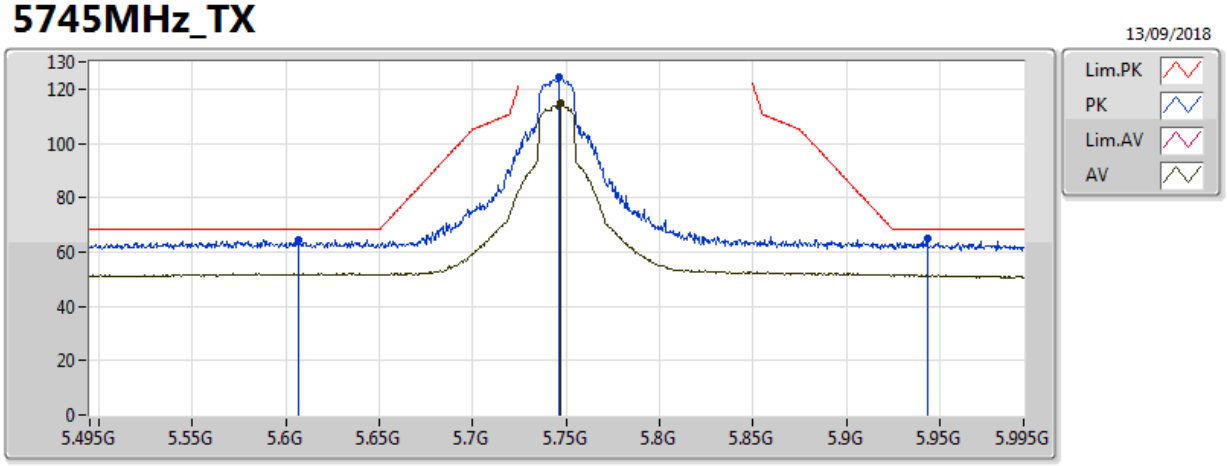


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6425G	66.32	68.20	-1.88	7.13	3	Vertical	0	1.74	-
PK	5.7465G	126.79	Inf	-Inf	7.24	3	Vertical	0	1.74	-
AV	5.7475G	116.62	Inf	-Inf	7.24	3	Vertical	0	1.74	-
PK	5.9285G	64.04	68.20	-4.16	7.23	3	Vertical	0	1.74	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

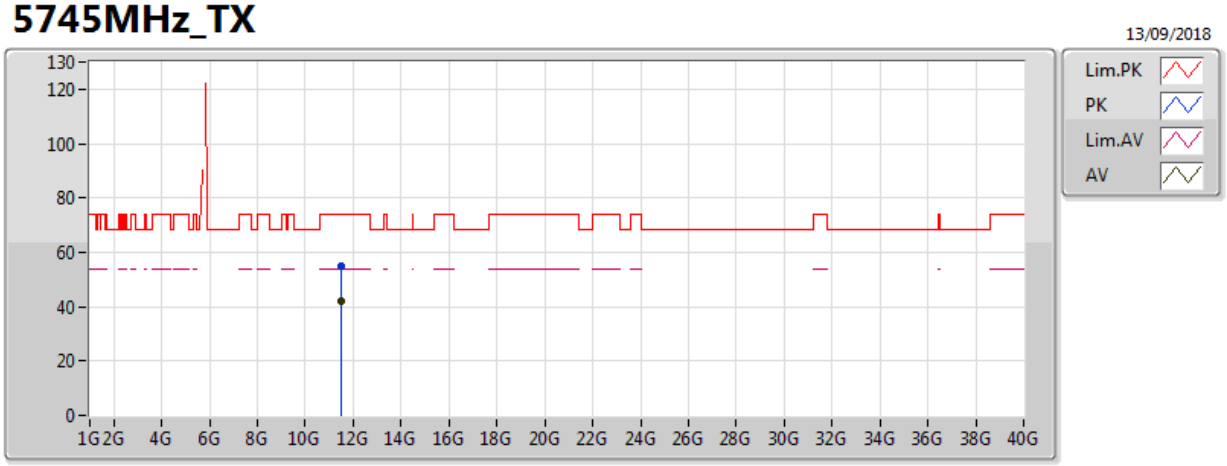


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.607G	64.60	68.20	-3.60	7.09	3	Horizontal	106	2.00	-
PK	5.746G	124.32	Inf	-Inf	7.24	3	Horizontal	106	2.00	-
AV	5.747G	114.69	Inf	-Inf	7.24	3	Horizontal	106	2.00	-
PK	5.9435G	65.13	68.20	-3.07	7.22	3	Horizontal	106	2.00	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

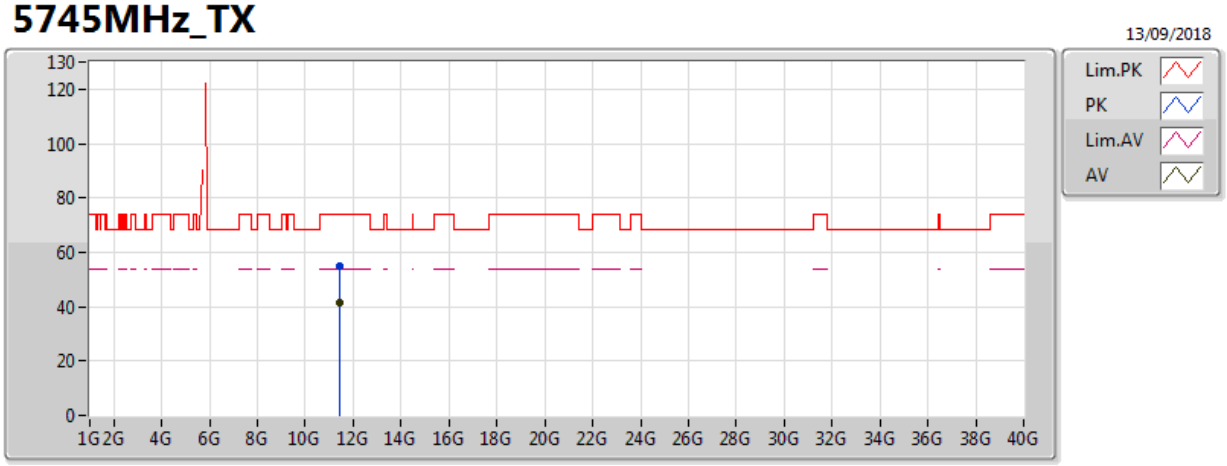


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4775G	55.02	74.00	-18.98	14.25	3	Vertical	185	1.77	-
AV	11.46575G	41.76	54.00	-12.24	14.24	3	Vertical	185	1.77	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

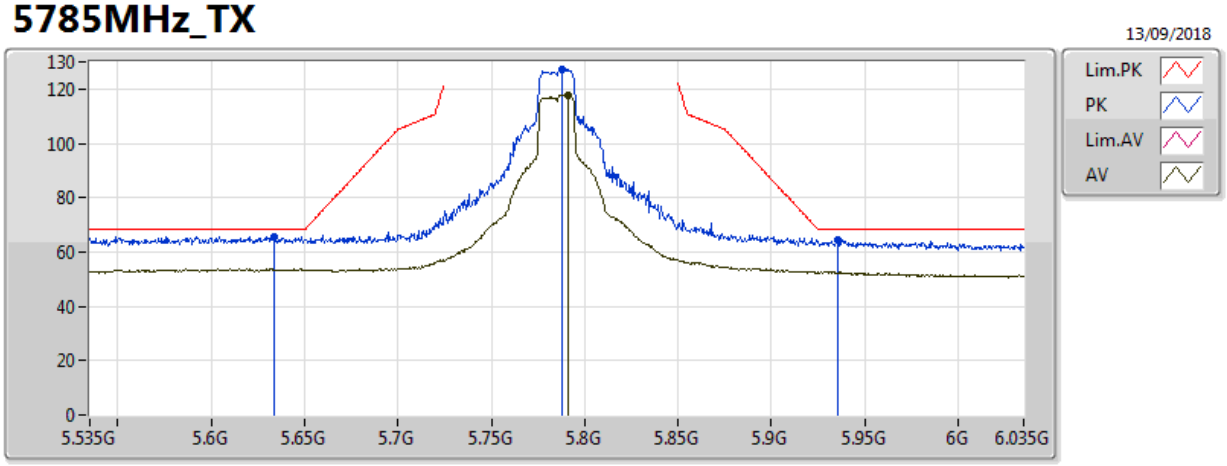


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4635G	55.07	74.00	-18.93	14.24	3	Horizontal	89	2.11	-
AV	11.4619G	41.65	54.00	-12.35	14.24	3	Horizontal	89	2.11	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

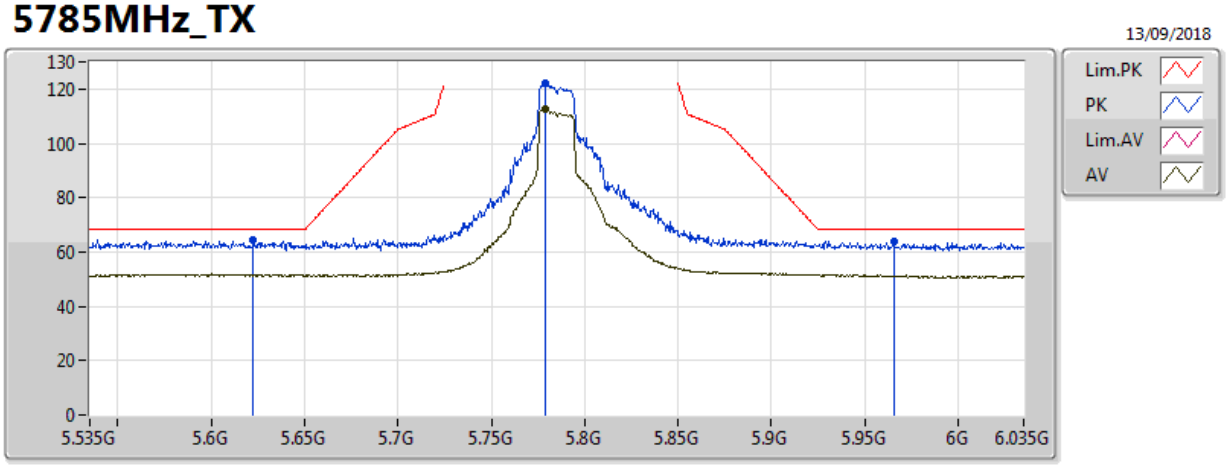


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.634G	65.68	68.20	-2.52	7.12	3	Vertical	22	1.45	-
PK	5.7875G	127.39	Inf	-Inf	7.29	3	Vertical	22	1.45	-
AV	5.7915G	117.78	Inf	-Inf	7.29	3	Vertical	22	1.45	-
PK	5.9355G	64.61	68.20	-3.59	7.22	3	Vertical	22	1.45	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

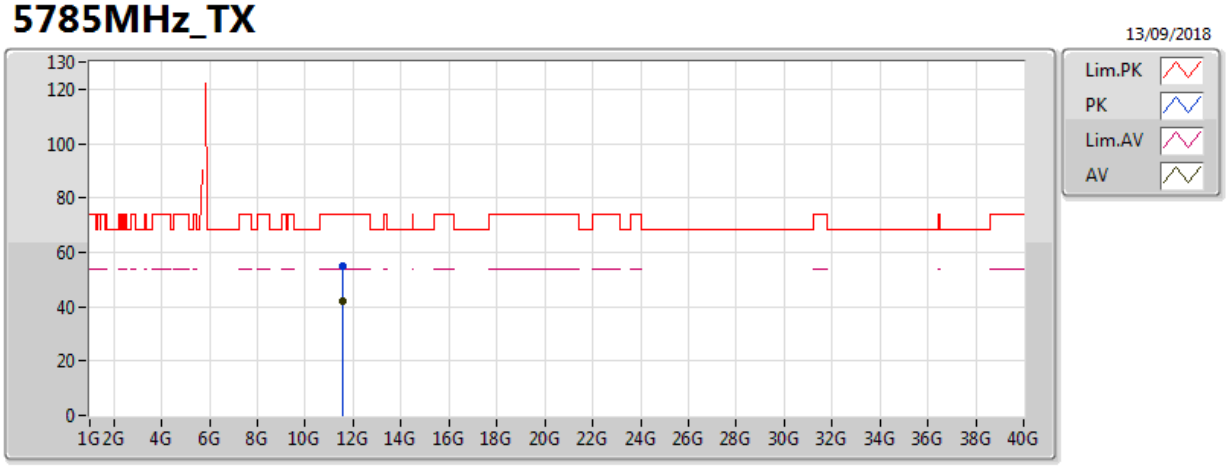


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6225G	64.24	68.20	-3.96	7.10	3	Horizontal	108	1.94	-
PK	5.779G	121.90	Inf	-Inf	7.28	3	Horizontal	108	1.94	-
AV	5.7785G	112.69	Inf	-Inf	7.28	3	Horizontal	108	1.94	-
PK	5.9655G	63.88	68.20	-4.32	7.19	3	Horizontal	108	1.94	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

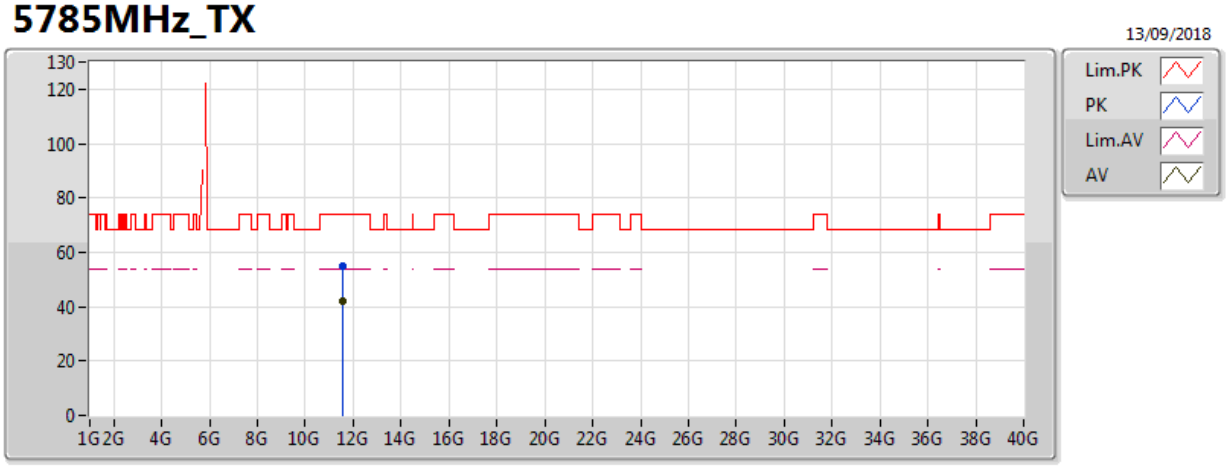


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.58065G	55.08	74.00	-18.92	14.30	3	Vertical	198	2.35	-
AV	11.59225G	42.30	54.00	-11.70	14.30	3	Vertical	198	2.35	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

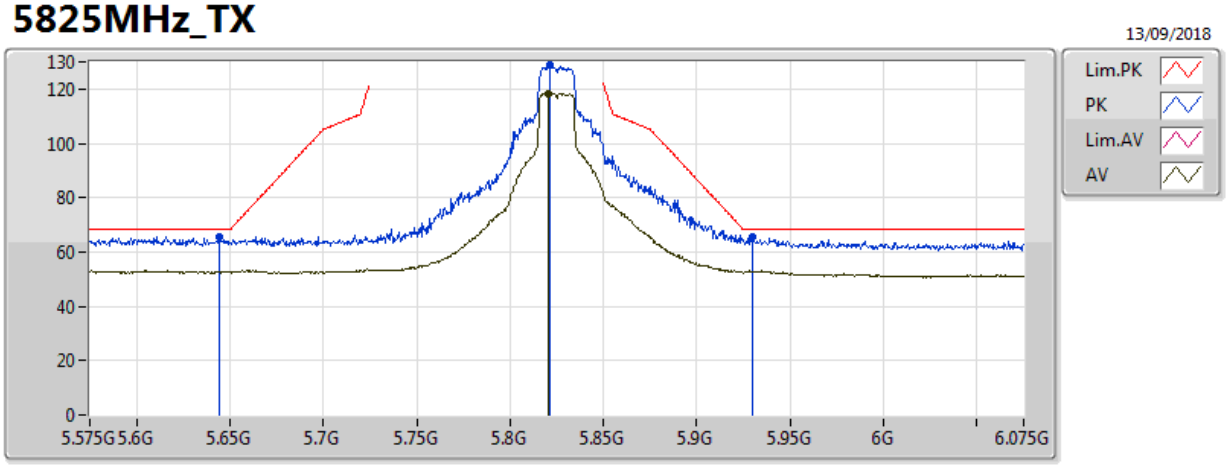


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.58755G	55.14	74.00	-18.86	14.30	3	Horizontal	88	1.54	-
AV	11.59205G	42.26	54.00	-11.74	14.30	3	Horizontal	88	1.54	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

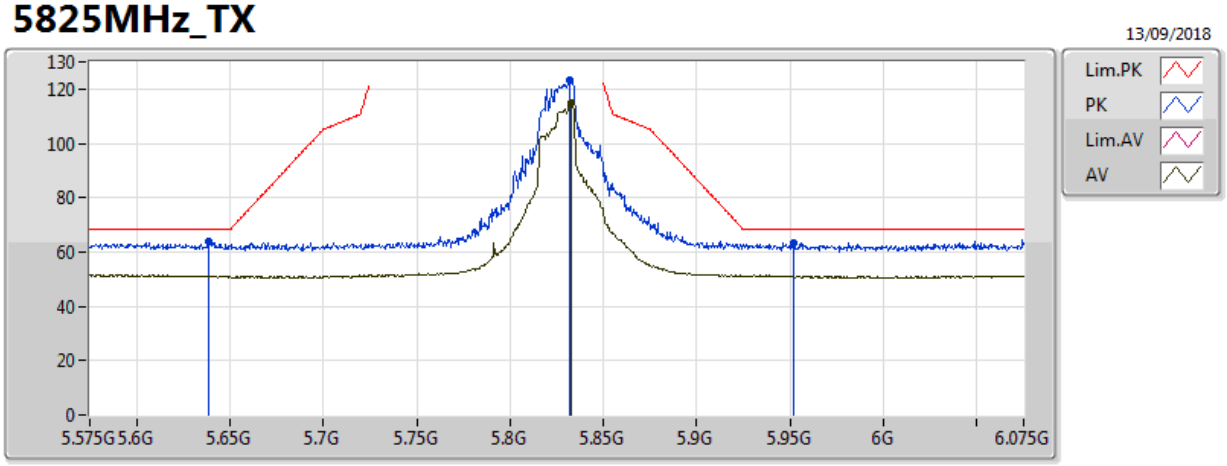


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.644G	65.57	68.20	-2.63	7.13	3	Vertical	24	1.35	-
PK	5.8215G	128.65	Inf	-Inf	7.29	3	Vertical	24	1.35	-
AV	5.8205G	118.50	Inf	-Inf	7.29	3	Vertical	24	1.35	-
PK	5.93G	65.39	68.20	-2.81	7.23	3	Vertical	24	1.35	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

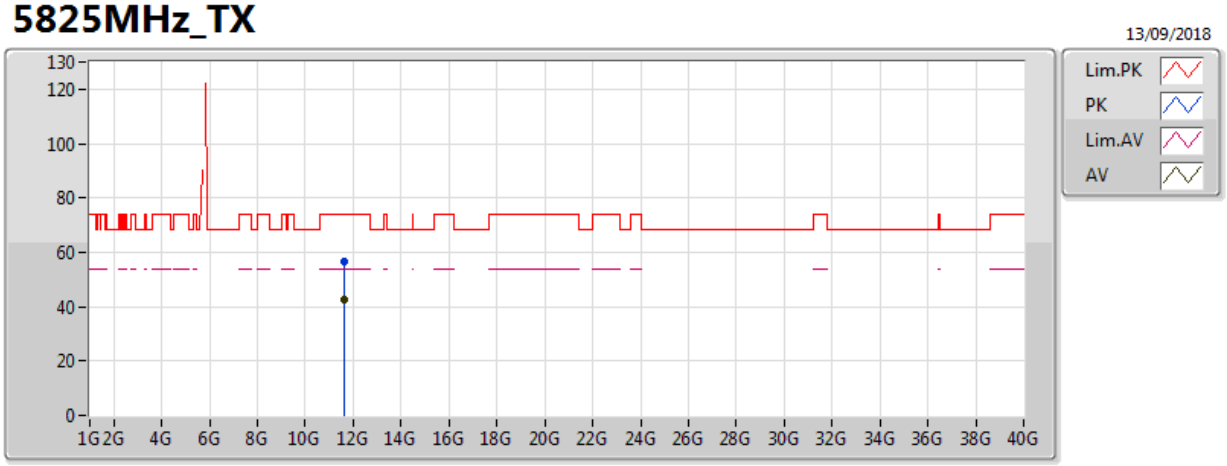


EUT Y_4TX
Setting 105
03-J-5-13
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.639G	63.65	68.20	-4.55	7.13	3	Horizontal	51	1.19	-
PK	5.832G	123.25	Inf	-Inf	7.28	3	Horizontal	51	1.19	-
AV	5.8325G	114.67	Inf	-Inf	7.28	3	Horizontal	51	1.19	-
PK	5.952G	63.54	68.20	-4.66	7.20	3	Horizontal	51	1.19	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

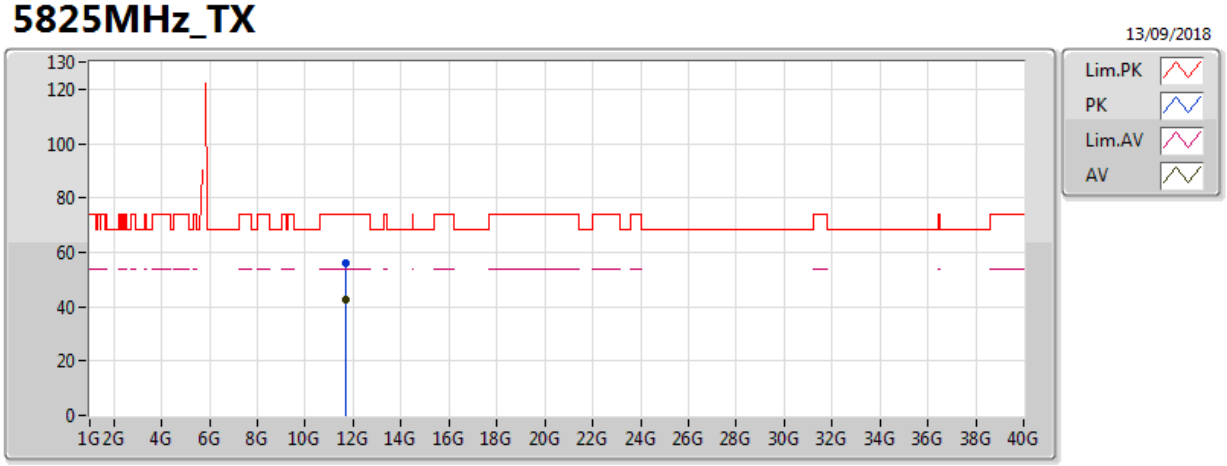


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.65444G	56.43	74.00	-17.57	14.33	3	Vertical	159	1.22	-
AV	11.64352G	42.58	54.00	-11.42	14.33	3	Vertical	159	1.22	-

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

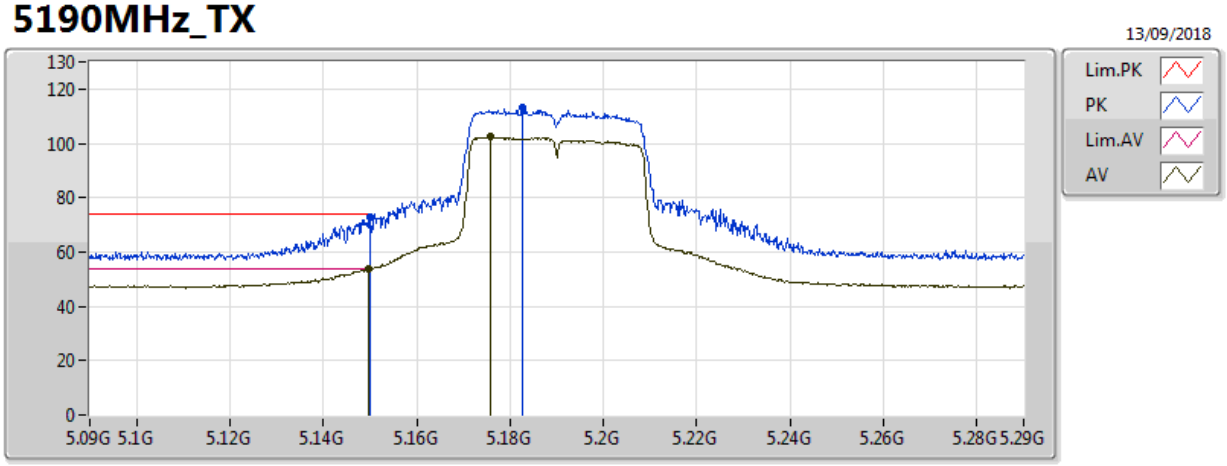


EUT Y_4TX
Setting 105
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.66164G	56.17	74.00	-17.83	14.34	3	Horizontal	15	2.07	-
AV	11.67563G	42.55	54.00	-11.45	14.34	3	Horizontal	15	2.07	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

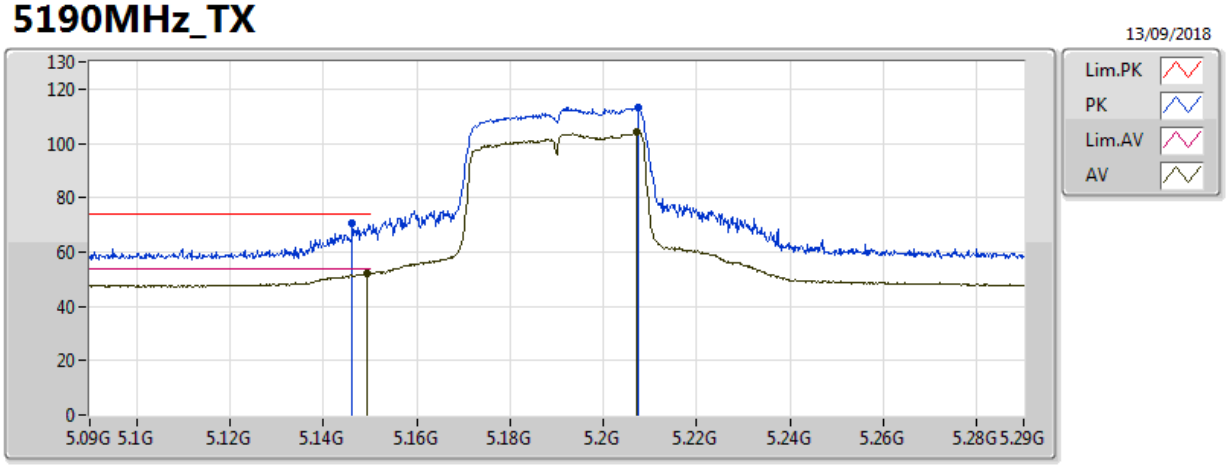


EUT Y_4TX
Setting 74
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	72.79	74.00	-1.21	6.14	3	Vertical	14	1.48	-
AV	5.1498G	53.85	54.00	-0.15	6.14	3	Vertical	14	1.48	-
PK	5.1828G	112.96	Inf	-Inf	6.19	3	Vertical	14	1.48	-
AV	5.1758G	102.27	Inf	-Inf	6.18	3	Vertical	14	1.48	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

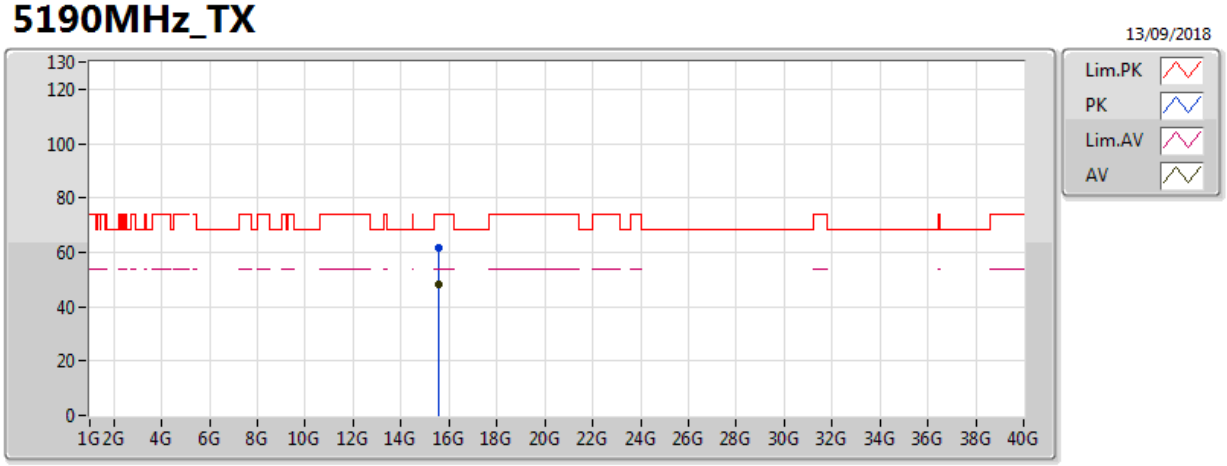


EUT Y_4TX
Setting 74
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1462G	70.46	74.00	-3.54	6.14	3	Horizontal	127	2.99	-
AV	5.1494G	52.08	54.00	-1.92	6.15	3	Horizontal	127	2.99	-
PK	5.2074G	113.37	Inf	-Inf	6.24	3	Horizontal	127	2.99	-
AV	5.207G	104.32	Inf	-Inf	6.24	3	Horizontal	127	2.99	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

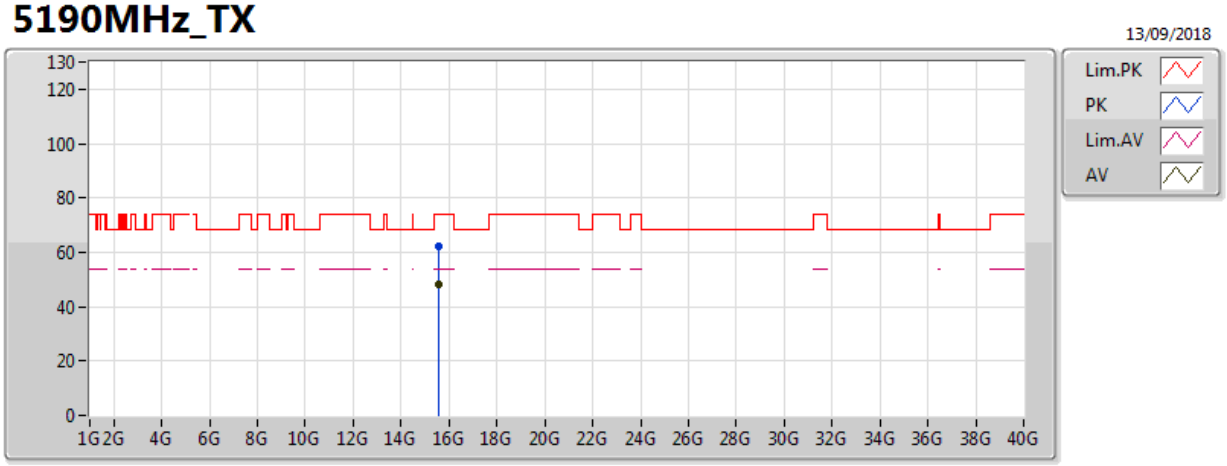


EUT Y_4TX
Setting 74
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.55746G	61.53	74.00	-12.47	16.18	3	Vertical	182	1.71	-
AV	15.58332G	48.18	54.00	-5.82	16.10	3	Vertical	182	1.71	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

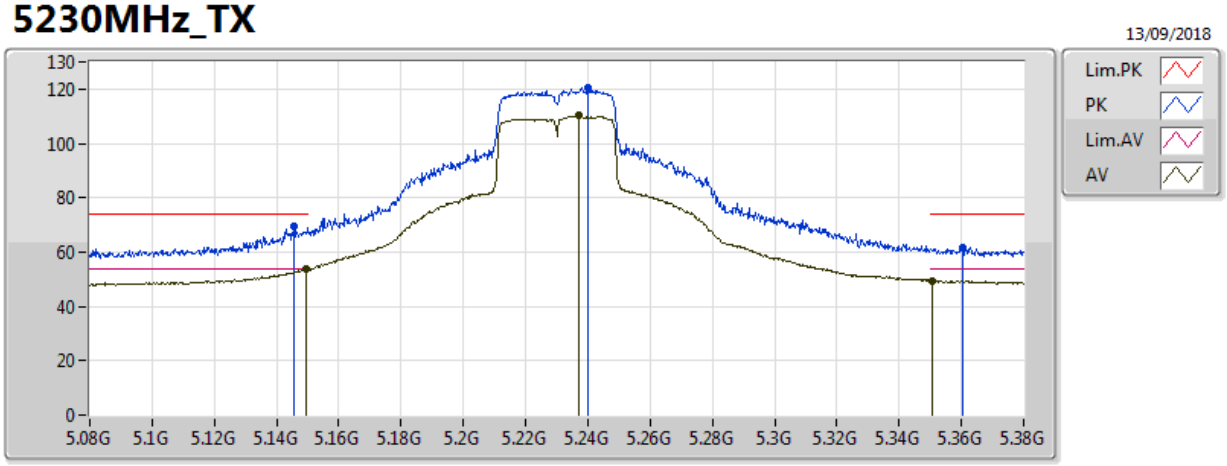


EUT Y_4TX
Setting 74
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.56205G	62.15	74.00	-11.85	16.17	3	Horizontal	188	2.44	-
AV	15.57828G	48.09	54.00	-5.91	16.11	3	Horizontal	188	2.44	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

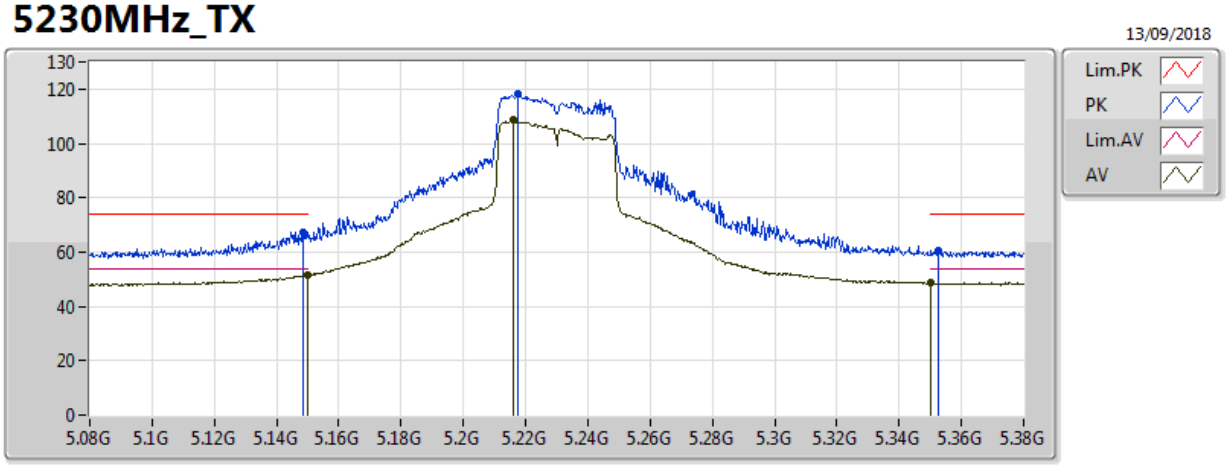


EUT Y_4TX
Setting 94
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1457G	69.24	74.00	-4.76	6.13	3	Vertical	212	1.97	-
AV	5.1496G	53.86	54.00	-0.14	6.14	3	Vertical	212	1.97	-
PK	5.2402G	120.33	Inf	-Inf	6.33	3	Vertical	212	1.97	-
AV	5.2369G	110.13	Inf	-Inf	6.32	3	Vertical	212	1.97	-
PK	5.3602G	61.81	74.00	-12.19	6.63	3	Vertical	212	1.97	-
AV	5.3506G	49.51	54.00	-4.49	6.61	3	Vertical	212	1.97	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

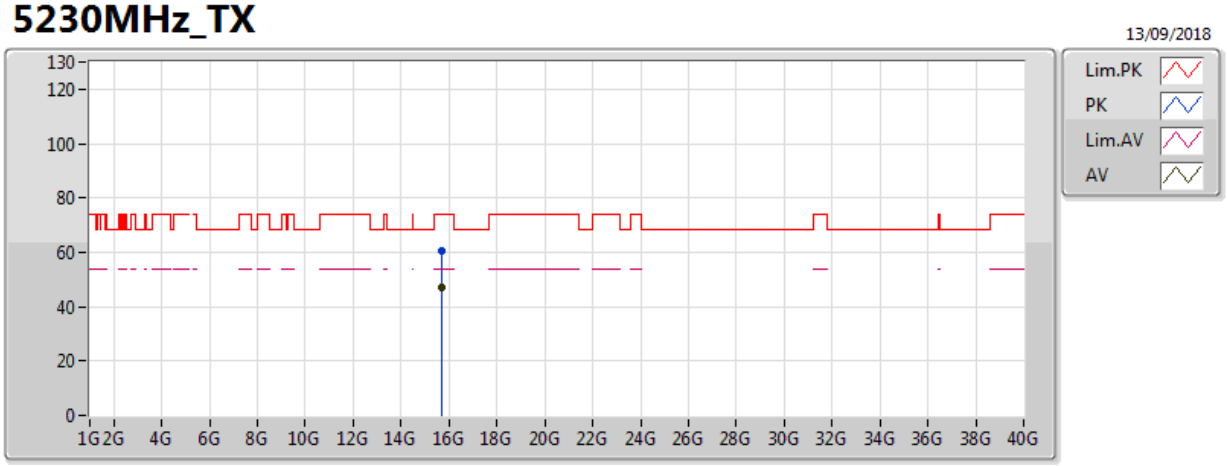


EUT Y_4TX
Setting 94
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1484G	67.38	74.00	-6.62	6.15	3	Horizontal	148	1.48	-
AV	5.1499G	51.49	54.00	-2.51	6.15	3	Horizontal	148	1.48	-
PK	5.2174G	118.07	Inf	-Inf	6.27	3	Horizontal	148	1.48	-
AV	5.2159G	108.50	Inf	-Inf	6.26	3	Horizontal	148	1.48	-
PK	5.3524G	60.71	74.00	-13.29	6.61	3	Horizontal	148	1.48	-
AV	5.350005G	48.81	54.00	-5.19	6.61	3	Horizontal	148	1.48	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

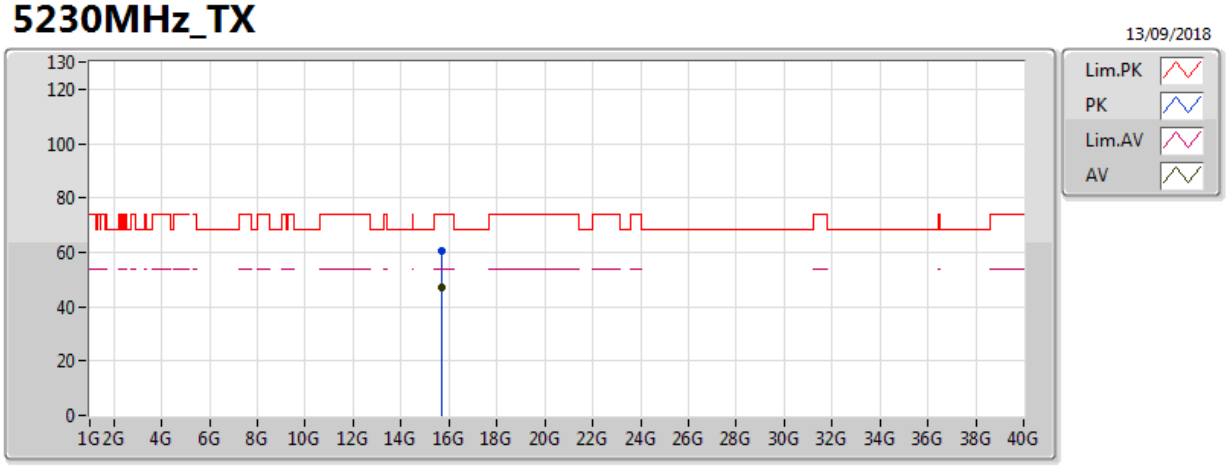


EUT Y_4TX
Setting 94
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.69174G	60.58	74.00	-13.42	15.73	3	Vertical	171	2.19	-
AV	15.67848G	47.24	54.00	-6.76	15.78	3	Vertical	171	2.19	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

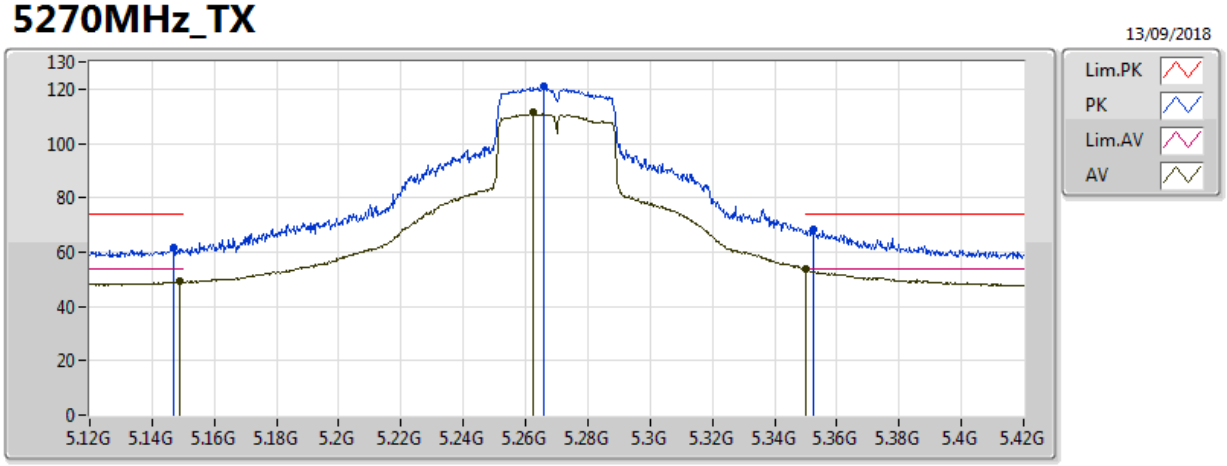


EUT Y_4TX
Setting 94
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.67719G	60.62	74.00	-13.38	15.78	3	Horizontal	296	1.93	-
AV	15.67515G	47.29	54.00	-6.71	15.79	3	Horizontal	296	1.93	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

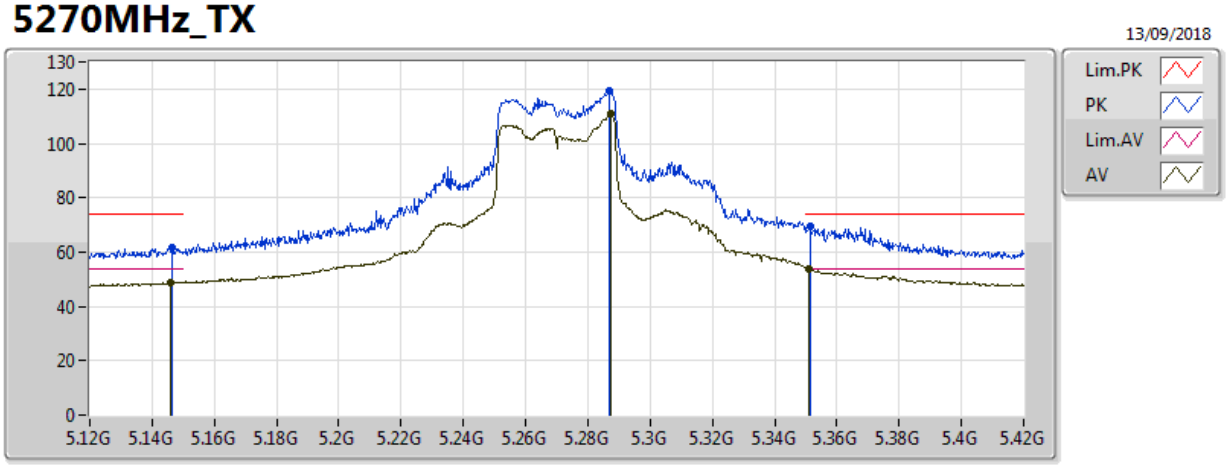


EUT Y_4TX
Setting 93
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.147G	61.67	74.00	-12.33	6.14	3	Vertical	214	1.98	-
AV	5.1488G	49.23	54.00	-4.77	6.14	3	Vertical	214	1.98	-
PK	5.2658G	120.81	Inf	-Inf	6.40	3	Vertical	214	1.98	-
AV	5.2622G	111.29	Inf	-Inf	6.39	3	Vertical	214	1.98	-
PK	5.3525G	68.41	74.00	-5.59	6.62	3	Vertical	214	1.98	-
AV	5.350005G	53.91	54.00	-0.09	6.61	3	Vertical	214	1.98	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

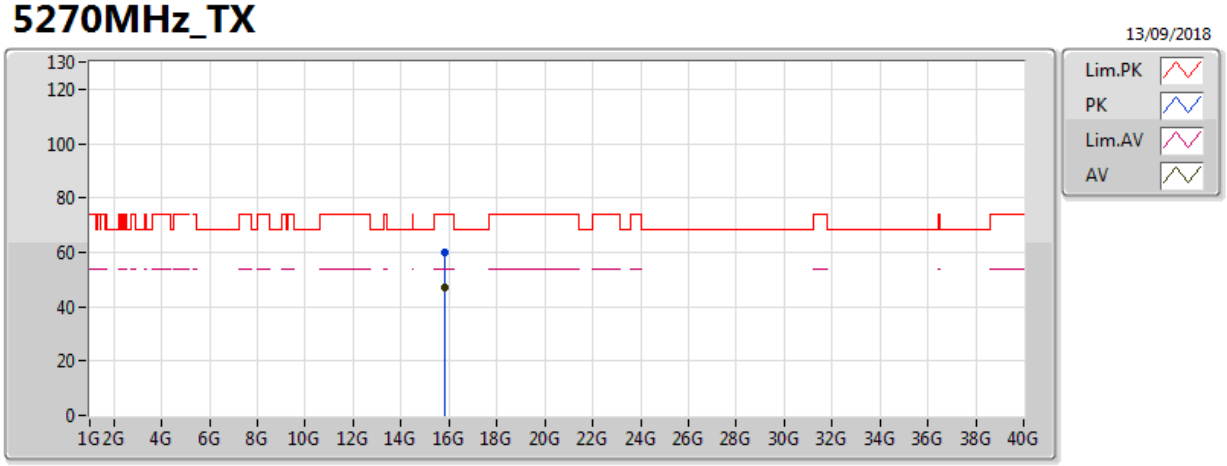


EUT Y_4TX
Setting 93
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1464G	61.52	74.00	-12.48	6.13	3	Horizontal	112	1.32	-
AV	5.1458G	48.92	54.00	-5.08	6.13	3	Horizontal	112	1.32	-
PK	5.2871G	119.30	Inf	-Inf	6.46	3	Horizontal	112	1.32	-
AV	5.2874G	110.97	Inf	-Inf	6.46	3	Horizontal	112	1.32	-
PK	5.3513G	69.56	74.00	-4.44	6.61	3	Horizontal	112	1.32	-
AV	5.351G	53.88	54.00	-0.12	6.61	3	Horizontal	112	1.32	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

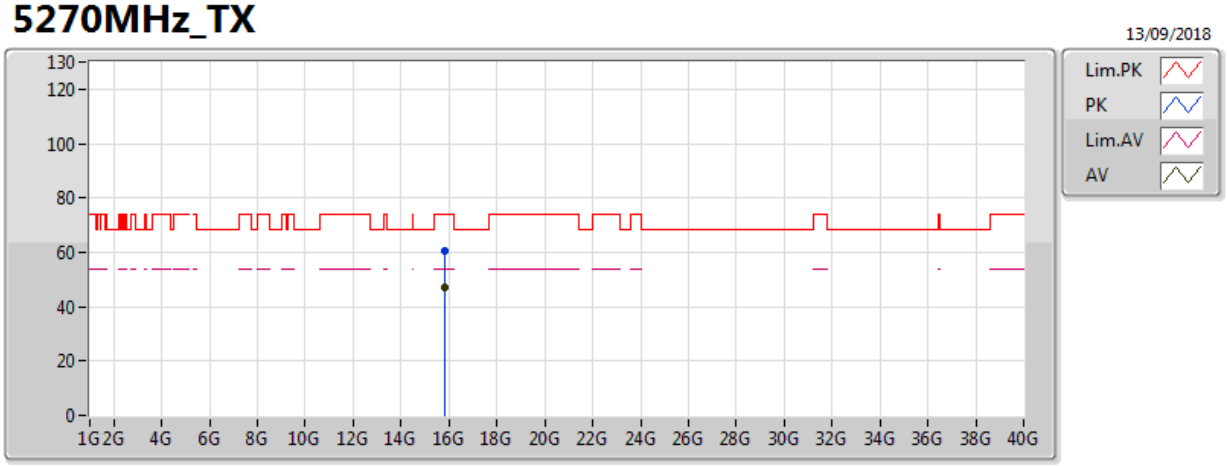


EUT Y_4TX
Setting 93
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8043G	60.02	74.00	-13.98	15.36	3	Vertical	329	1.66	-
AV	15.79749G	47.13	54.00	-6.87	15.38	3	Vertical	329	1.66	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

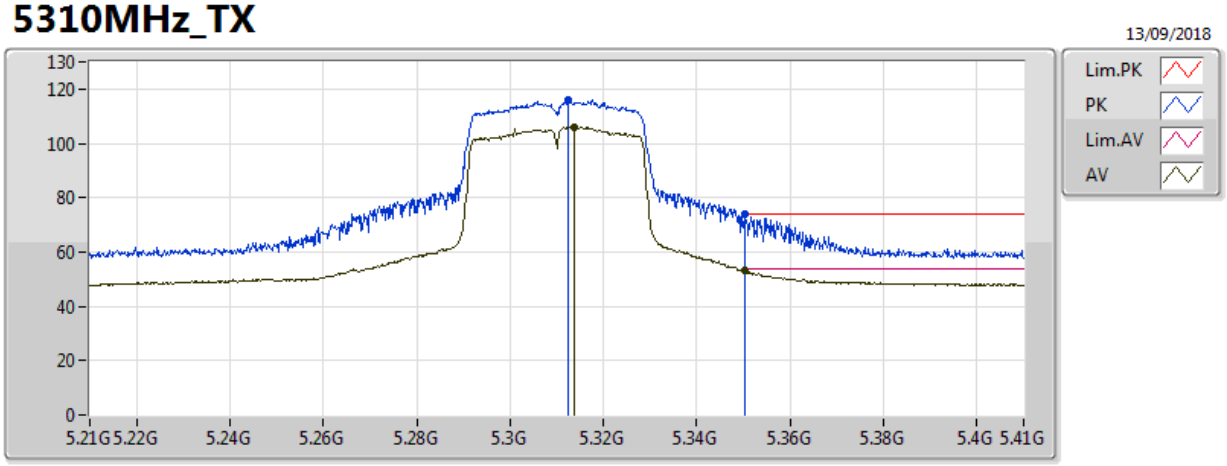


EUT Y_4TX
Setting 93
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.80907G	60.67	74.00	-13.33	15.34	3	Horizontal	162	1.96	-
AV	15.80532G	47.12	54.00	-6.88	15.35	3	Horizontal	162	1.96	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

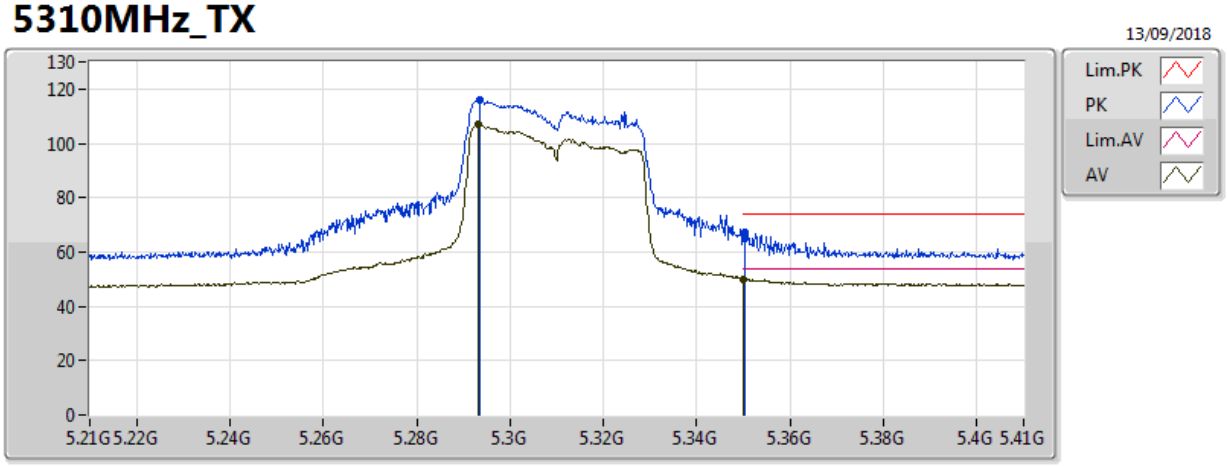


EUT Y_4TX
Setting 76
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3124G	116.19	Inf	-Inf	6.52	3	Vertical	205	1.78	-
AV	5.3136G	105.99	Inf	-Inf	6.52	3	Vertical	205	1.78	-
PK	5.3504G	73.85	74.00	-0.15	6.61	3	Vertical	205	1.78	-
AV	5.3502G	53.03	54.00	-0.97	6.61	3	Vertical	205	1.78	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

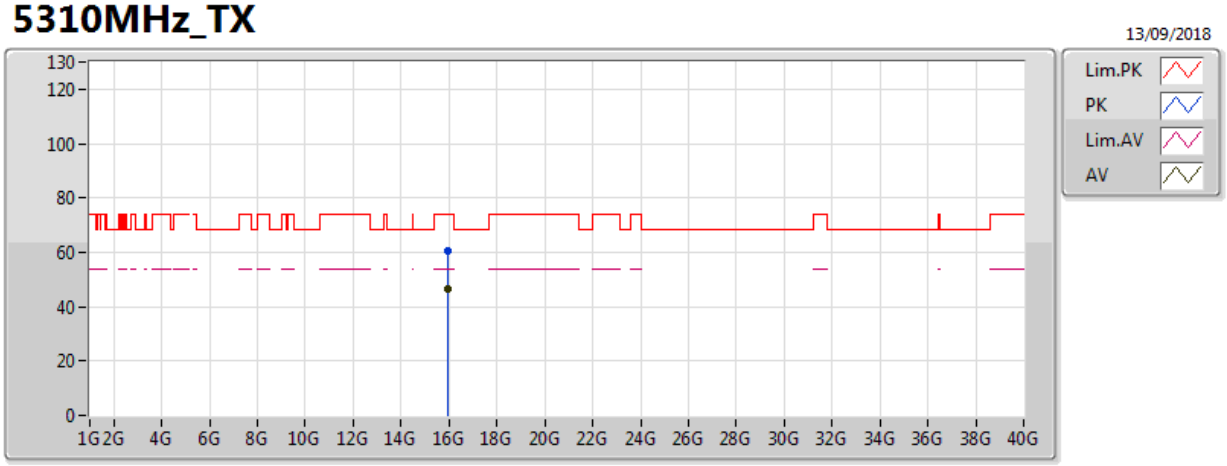


EUT Y_4TX
Setting 76
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2934G	115.90	Inf	-Inf	6.47	3	Horizontal	115	1.25	-
AV	5.2932G	106.76	Inf	-Inf	6.47	3	Horizontal	115	1.25	-
PK	5.3502G	67.03	74.00	-6.97	6.61	3	Horizontal	115	1.25	-
AV	5.350005G	50.04	54.00	-3.96	6.61	3	Horizontal	115	1.25	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

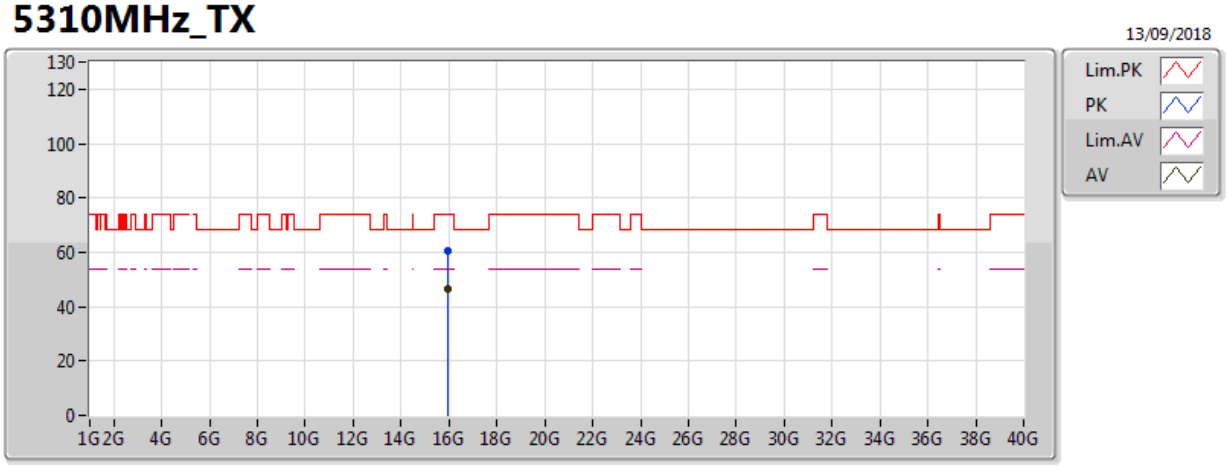


EUT Y_4TX
Setting 76
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.9234G	60.33	74.00	-13.67	14.96	3	Vertical	226	1.12	-
AV	15.92106G	46.68	54.00	-7.32	14.96	3	Vertical	226	1.12	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

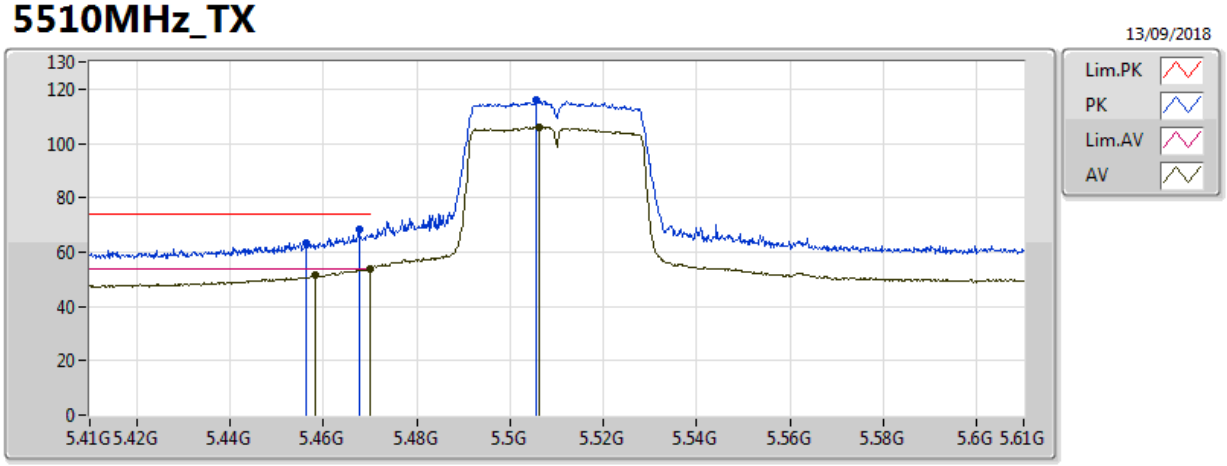


EUT Y_4TX
Setting 76
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.93942G	60.44	74.00	-13.56	14.90	3	Horizontal	276	1.27	-
AV	15.94311G	46.67	54.00	-7.33	14.89	3	Horizontal	276	1.27	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

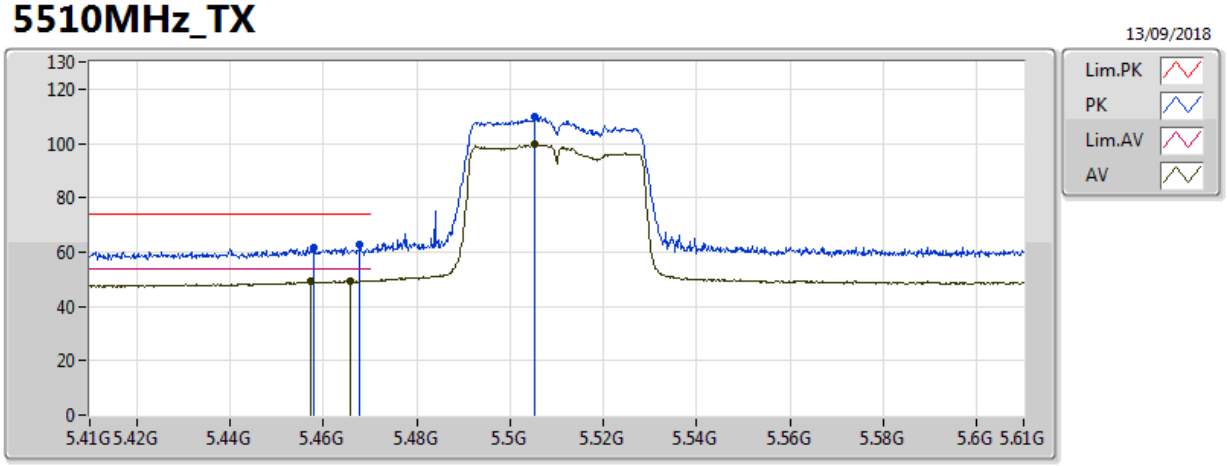


EUT Y_4TX
Setting 70
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4562G	63.59	74.00	-10.41	6.88	3	Vertical	15	1.56	-
AV	5.4582G	51.62	54.00	-2.38	6.89	3	Vertical	15	1.56	-
PK	5.4676G	68.59	74.00	-5.41	6.91	3	Vertical	15	1.56	-
AV	5.469995G	53.98	54.00	-0.02	6.92	3	Vertical	15	1.56	-
PK	5.5056G	115.79	Inf	-Inf	7.00	3	Vertical	15	1.56	-
AV	5.5062G	106.17	Inf	-Inf	7.00	3	Vertical	15	1.56	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

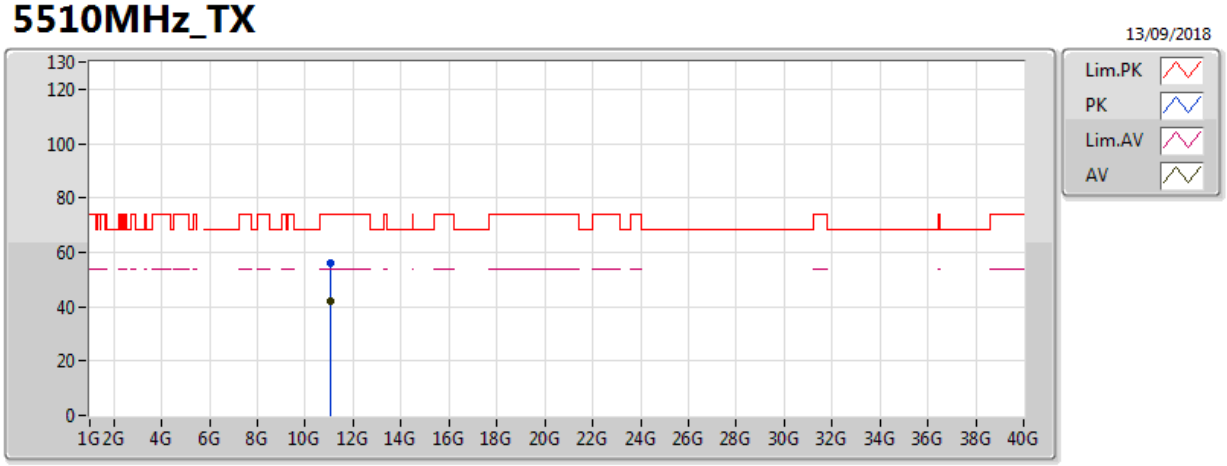


EUT Y_4TX
Setting 70
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.458G	61.85	74.00	-12.15	6.89	3	Horizontal	291	1.65	-
AV	5.4572G	49.14	54.00	-4.86	6.88	3	Horizontal	291	1.65	-
PK	5.4678G	62.92	74.00	-11.08	6.91	3	Horizontal	291	1.65	-
AV	5.4658G	49.33	54.00	-4.67	6.91	3	Horizontal	291	1.65	-
PK	5.5052G	109.80	Inf	-Inf	7.00	3	Horizontal	291	1.65	-
AV	5.5052G	99.54	Inf	-Inf	7.00	3	Horizontal	291	1.65	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

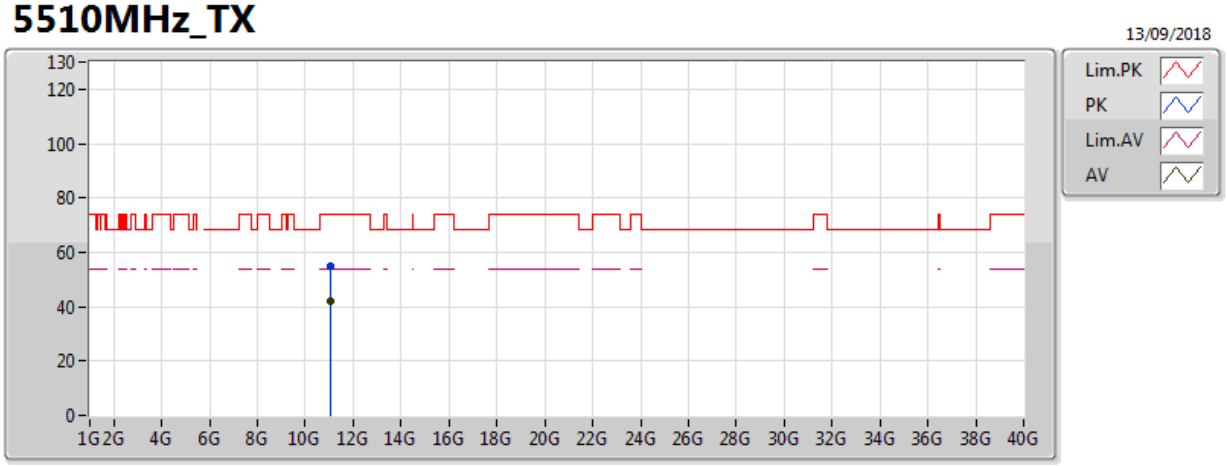


EUT Y_4TX
Setting 70
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02098G	55.86	74.00	-18.14	14.03	3	Vertical	117	1.49	-
AV	11.02179G	41.92	54.00	-12.08	14.03	3	Vertical	117	1.49	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

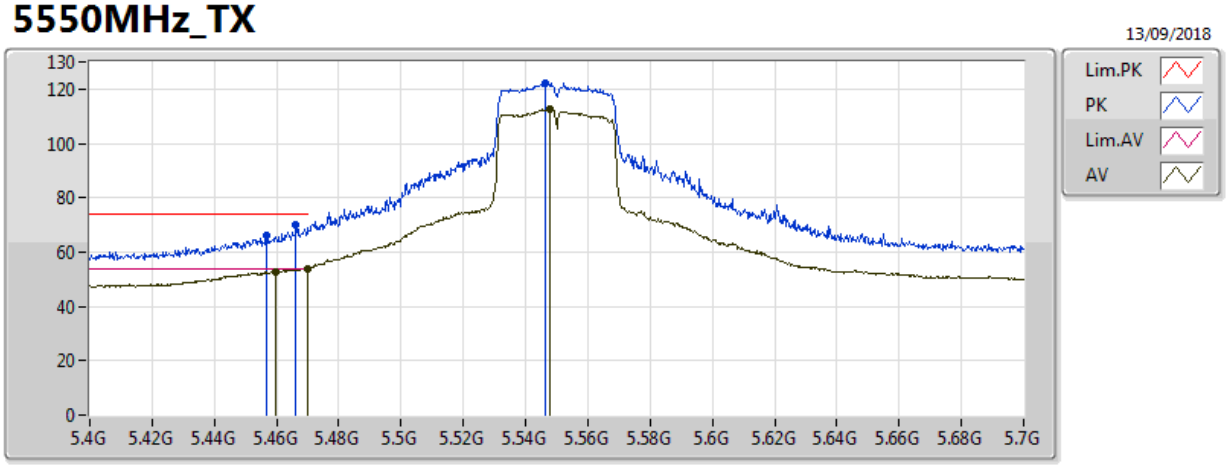


EUT Y_4TX
Setting 70
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02096G	54.78	74.00	-19.22	14.03	3	Horizontal	101	1.63	-
AV	11.02104G	41.78	54.00	-12.22	14.03	3	Horizontal	101	1.63	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

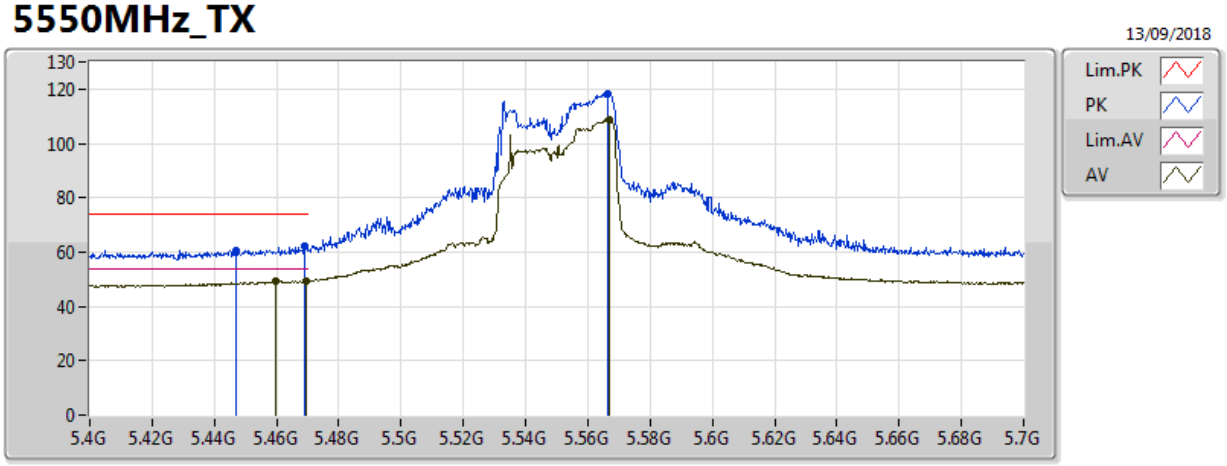


EUT Y_4TX
Setting 93
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.457G	66.11	74.00	-7.89	6.88	3	Vertical	15	1.50	-
AV	5.4597G	52.87	54.00	-1.13	6.89	3	Vertical	15	1.50	-
PK	5.4663G	69.83	74.00	-4.17	6.91	3	Vertical	15	1.50	-
AV	5.4699G	53.94	54.00	-0.06	6.92	3	Vertical	15	1.50	-
PK	5.5464G	122.43	Inf	-Inf	7.04	3	Vertical	15	1.50	-
AV	5.5479G	112.64	Inf	-Inf	7.04	3	Vertical	15	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

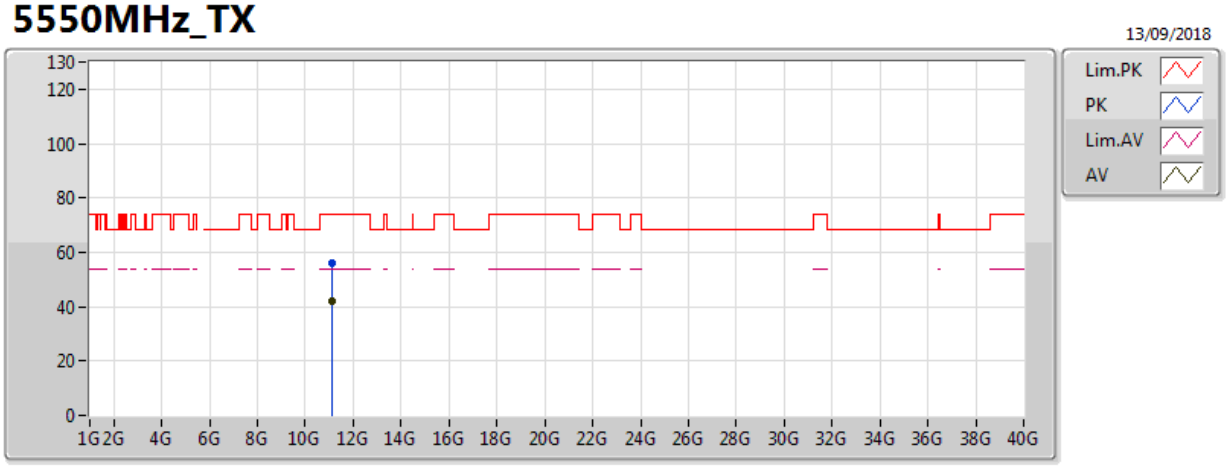


EUT Y_4TX
Setting 93
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4471G	60.72	74.00	-13.28	6.85	3	Horizontal	102	1.95	-
AV	5.4597G	49.14	54.00	-4.86	6.89	3	Horizontal	102	1.95	-
PK	5.469G	62.42	74.00	-11.58	6.91	3	Horizontal	102	1.95	-
AV	5.4696G	49.27	54.00	-4.73	6.92	3	Horizontal	102	1.95	-
PK	5.5665G	118.02	Inf	-Inf	7.05	3	Horizontal	102	1.95	-
AV	5.5668G	108.90	Inf	-Inf	7.05	3	Horizontal	102	1.95	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

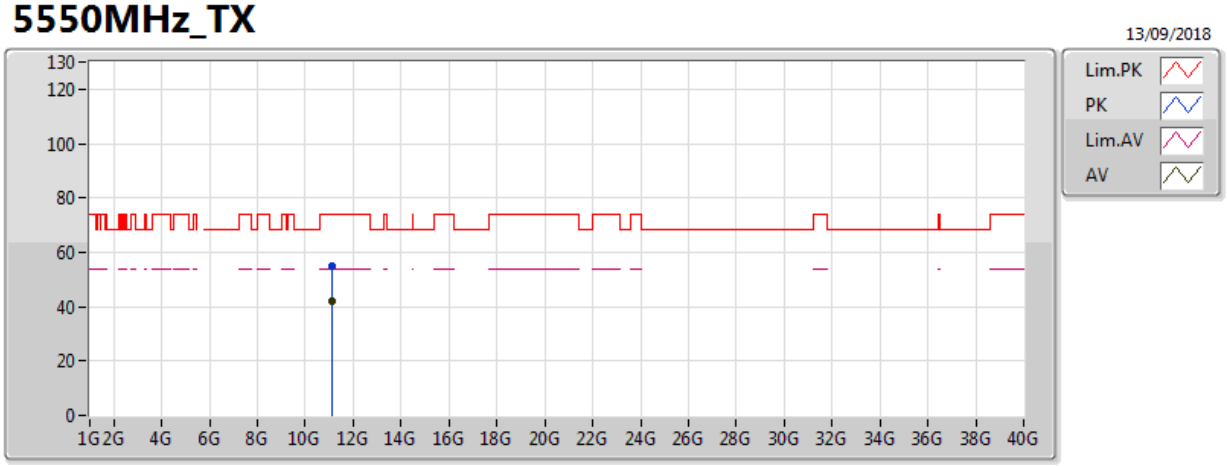


EUT Y_4TX
Setting 93
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.10714G	55.79	74.00	-18.21	14.07	3	Vertical	176	1.52	-
AV	11.1117G	42.20	54.00	-11.80	14.07	3	Vertical	176	1.52	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

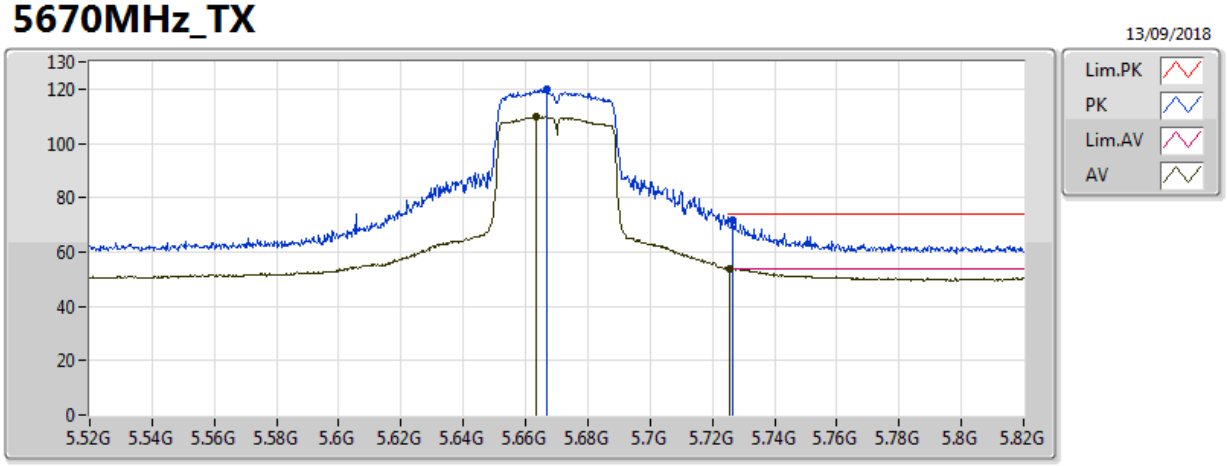


EUT Y_4TX
Setting 93
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.10786G	55.13	74.00	-18.87	14.07	3	Horizontal	303	1.47	-
AV	11.09577G	42.28	54.00	-11.72	14.07	3	Horizontal	303	1.47	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

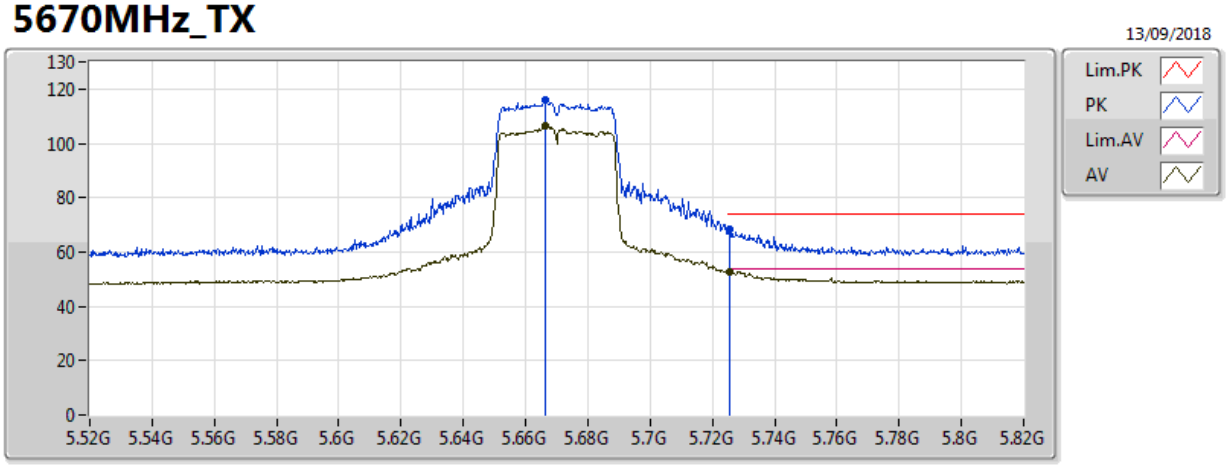


EUT Y_4TX
Setting 85
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6667G	119.81	Inf	-Inf	7.15	3	Vertical	18	1.33	-
AV	5.6634G	110.09	Inf	-Inf	7.15	3	Vertical	18	1.33	-
PK	5.7264G	71.63	74.00	-2.37	7.22	3	Vertical	18	1.33	-
AV	5.7255G	53.96	54.00	-0.04	7.22	3	Vertical	18	1.33	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

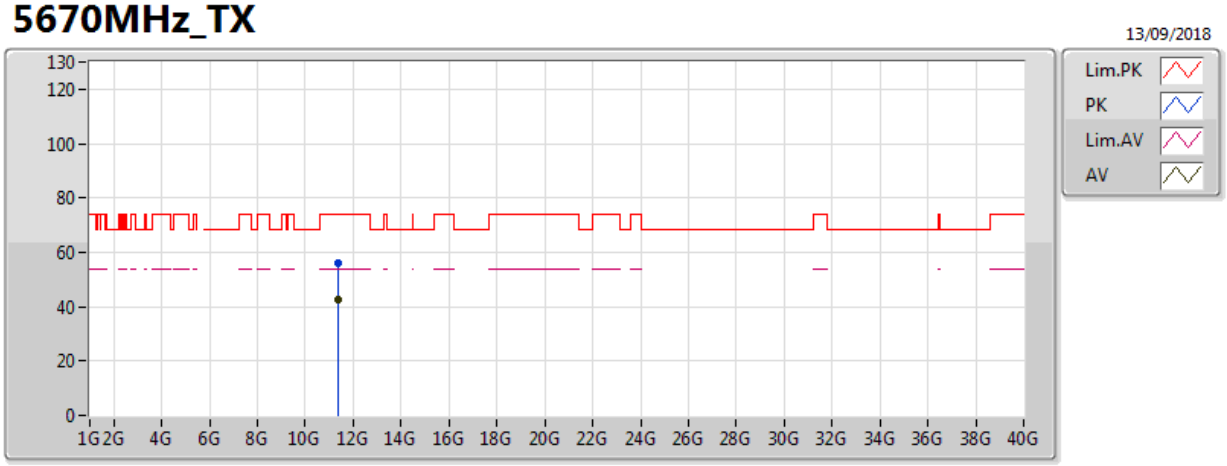


EUT Y_4TX
Setting 85
03-J-5-10
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6664G	115.93	Inf	-Inf	7.15	3	Horizontal	111	1.94	-
AV	5.6664G	106.42	Inf	-Inf	7.15	3	Horizontal	111	1.94	-
PK	5.7255G	68.19	74.00	-5.81	7.22	3	Horizontal	111	1.94	-
AV	5.7255G	52.92	54.00	-1.08	7.22	3	Horizontal	111	1.94	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

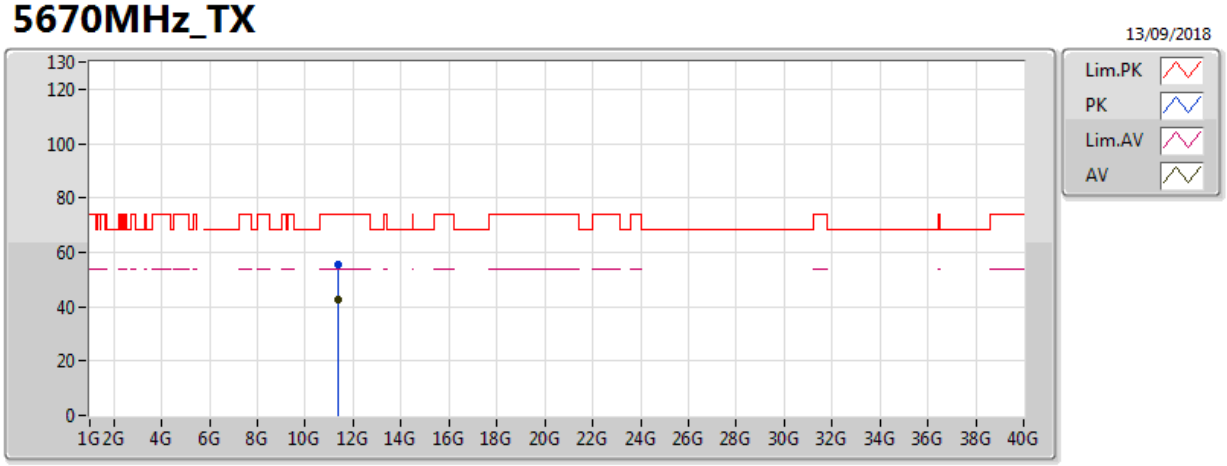


EUT Y_4TX
Setting 85
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.35185G	55.87	74.00	-18.13	14.19	3	Vertical	24	2.12	-
AV	11.34897G	42.41	54.00	-11.59	14.19	3	Vertical	24	2.12	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

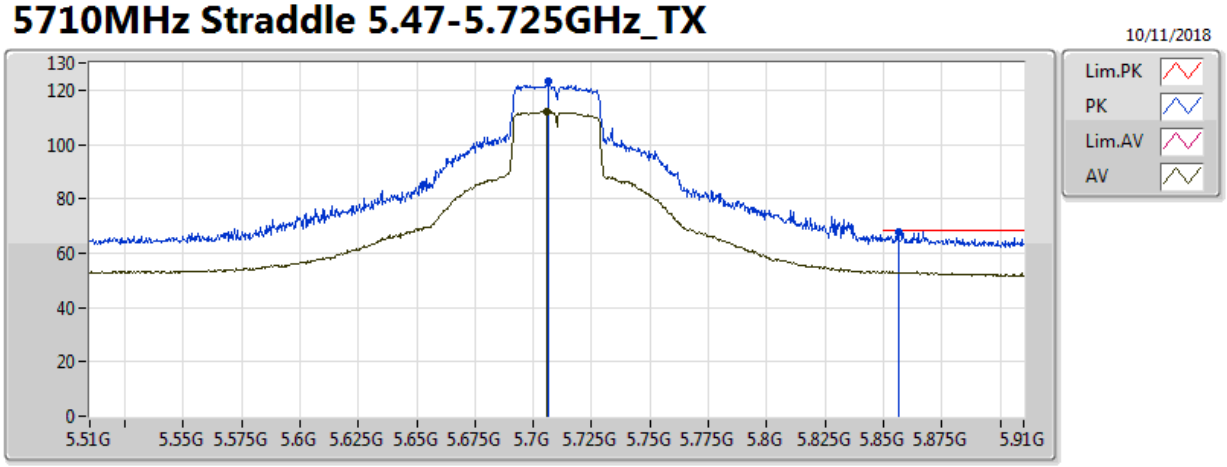


EUT Y_4TX
Setting 85
03-J-5
FSP(100304)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.34193G	55.62	74.00	-18.38	14.18	3	Horizontal	170	1.78	-
AV	11.34824G	42.40	54.00	-11.60	14.19	3	Horizontal	170	1.78	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

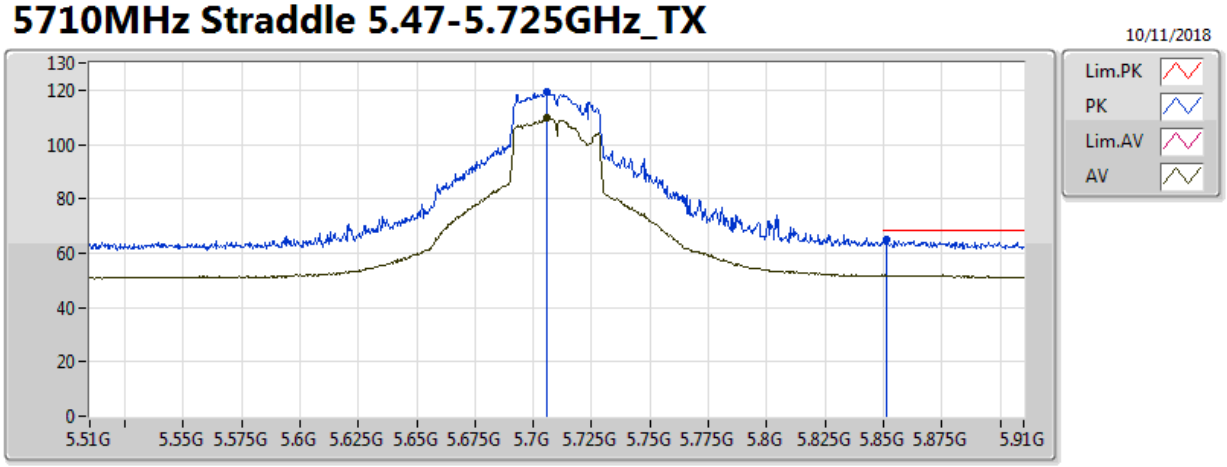


EUT Y_4TX
Setting 103
06-C-4-13
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7064G	123.01	Inf	-Inf	8.12	3	Vertical	16	1.50	-
AV	5.7056G	112.10	Inf	-Inf	8.12	3	Vertical	16	1.50	-
PK	5.8564G	67.96	68.20	-0.24	8.40	3	Vertical	16	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX



EUT Y_4TX
Setting 103
06-C-4-13
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.706G	119.20	Inf	-Inf	8.12	3	Horizontal	105	1.47	-
AV	5.706G	109.67	Inf	-Inf	8.12	3	Horizontal	105	1.47	-
PK	5.8512G	64.91	68.20	-3.29	8.38	3	Horizontal	105	1.47	-