Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	L9VVR3071
Equipment	:	Home Gateway
Brand Name	:	COMTREND
Model Name	:	VR-3071、VR-3071u、WAP-5954u、PRT-6301
Applicant / Manufacturer	:	COMTREND Corporation 3F-1, 10 Lane 609, Chung Hsin Road, Section 5, San Chung Dist, New Taipei City 24159, Taiwan
Factory (1)	:	Datamax Electronics (Dong Guan) Co., Ltd. Niu shan Foreign Economic Industrial park, Dong Cheng District, Dong Guan City, Guang Dong , China.
Factory (2)	:	GIANTA CO., LTD No.130,Sec2,Yangxin Rd.,Yang Mei Dist,Taoyuan City326,Taiwan
Factory (3)	:	Intelligent Technology Inc. Yuanhe Three Street , Tongsha Industrial Zone , Dongcheng Area, Dongguan City , Guangdong Province , China.
Standard	:	47 CFR FCC Part 15.407

The product was received on Aug. 21, 2019, and testing was started from Aug. 28, 2019 and completed on Dec. 13, 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 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

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Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR980825AB	01	Initial issue of report	Jan. 15, 2020

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	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and Explanations:

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: Viola Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5725-5850		5775	155 [1]

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

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

Note:
- 11a, HT20 and HT40 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM modulation.
- VHT20, VHT40, VHT80 use a combination of OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024 QAM modulation.
- HEW20, HEW40, HEW80 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.	2.4GHz port	5GHz port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	2	1	MASTER WAVE	502219-345	Copper Tube Antenna	I-PEX	Note 1
2	1	2	MASTER WAVE	502219-344	Copper Tube Antenna	I-PEX	
3	-	3	MASTER WAVE	502219-342	PCB Antenna	I-PEX	
4	-	4	MASTER WAVE	502219-343	PCB Antenna	I-PEX	

Note 1:

Ant.	Antenna Gain (dBi)		
	2.4GHz	5GHz Band 1	5GHz Band 4
1	4.04	5.00	3.23
2	3.64	3.67	2.89
3	-	1.94	3.14
4	-	2.96	3.90

Ant.	Direction Gain (dBi)		
	2.4GHz	5GHz Band 1	5GHz Band 4
	2T1S	4T1S	4T1S
1	3.94	7.48	6.21
2	3.94	7.48	6.21
3	3.94	7.48	6.21
4	3.94	7.48	6.21

Note 2: The above information was declared by manufacturer.

For 2.4GHz WLAN function

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

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

Port 1 and port 2 could transmit/receive simultaneously.

For 5GHz WLAN function

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

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.953	0.21	2.068m	1k
802.11ac VHT20	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.983	0.07	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.971	0.13	953.125u	3k
802.11ac VHT40-BF	0.971	0.13	952.5u	3k
802.11ac VHT80	0.94	0.27	461.25u	3k
802.11ac VHT80-BF	0.927	0.33	413.75u	3k
802.11ax HEW20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.929	0.32	2.99m	1k
802.11ax HEW40	0.964	0.16	782.5u	3k
802.11ax HEW40-BF	0.941	0.26	4.36m	300
802.11ax HEW80	0.933	0.3	417.5u	3k
802.11ax HEW80-BF	0.954	0.2	4.143m	300

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	For IEEE 802.11 n/VHT/ax in 2.4GHz and 11n/ac/ax in 5GHz			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	Non beamforming mode: Mtool_v3.1.0.2 Beamforming mode: Telnet			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The model names in the following table are all refer to the identical product except for the following table:

EUT	Model Name	Main Chip	DSL	Description
1	VR-3071	BCM63178	V	In addition to these differences, there are no other differences, mainly used as a market partition.
2	VR-3071u	BCM63178	V	
3	WAP-5954u	BCM63178	X	
4		BCM63177		
5	PRT-6301	BCM63178	X	
6		BCM63177		

From the above models, model: VR-3071 and PRT-6301 (Main Chip: BCM63177) were selected as representative model for radiation below 1GHz test and its data was recorded in this report. Model: VR-3071 was selected as representative model for other tests and its data was recorded in this report.

1.2 Applicable Standards

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

- 47 CFR FCC Part 15
- ANSI C63.10-2013
- FCC KDB 789033 D02 v02r01
- FCC KDB 662911 D01 v02r01
- FCC KDB 412172 D01 v01r01
- FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Lance Wu	23.8~25.5°C / 62~66%	Aug. 28, 2019 ~ Nov. 12, 2019
Radiated below 1GHz	03CH05-CB	Eason Chen	For adpater 1: 24.5~26°C / 60~64% For adpater 2: 23~25.5°C / 60~63%	For adpater 1: Sep. 09, 2019 ~ Dec. 13, 2019 For adpater 2: Nov. 29, 2019
Radiated above 1GHz	03CH03-CB	Eason Chen	25.4~26.1°C / 57~62%	Sep. 09, 2019 ~ Nov. 08, 2019
AC Conduction	CO02-CB	Peter Wu	For adpater 1: 23~24°C / 57~58% For adpater 2: 21~22°C / 55~56%	For adpater 1: Sep. 19, 2019 For adpater 2: Dec. 02, 2019
		Max Lin		

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	94
5200MHz	95
5240MHz	94
5745MHz	102
5785MHz	102
5825MHz	102
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5180MHz	92
5200MHz	95
5240MHz	95
5745MHz	100
5785MHz	100
5825MHz	100
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5190MHz	77
5230MHz	100
5755MHz	99
5795MHz	100
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5210MHz	77
5775MHz	96
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5180MHz	92
5200MHz	93
5240MHz	93
5745MHz	99
5785MHz	99
5825MHz	99
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5190MHz	77
5230MHz	99
5755MHz	98
5795MHz	99
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5210MHz	77

Mode	PowerSetting
5775MHz	96

Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5180MHz	88
5200MHz	92
5240MHz	92
5745MHz	93
5785MHz	94
5825MHz	94
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	88 BE
5200MHz	91
5240MHz	91
5745MHz	92
5785MHz	93
5825MHz	93
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5190MHz	69
5230MHz	92
5755MHz	92
5795MHz	92
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	69
5230MHz	91
5755MHz	91
5795MHz	92
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5210MHz	68
5775MHz	88
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	68
5775MHz	88

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.
- There are two modes of EUT for 802.11n/VHT/ax in 2.4GHz and 802.11n/ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	Normal Link - EUT 1 + Adapter 1
2	Normal Link - EUT 1 + Adapter 2
For operating mode 1 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	Normal Link - EUT 1 + Adapter 1
2	Normal Link - EUT 1 + Adapter 2
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	Normal Link - EUT 6 + Adapter 1
For operating mode 1 and Mode 3 were the worst case and they were record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz + WLAN 5GHz - EUT 1
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz - EUT 1
Refer to Sporton Test Report No.: FA980825 for Co-location RF Exposure Evaluation.	

Note: The EUT can only use Y axis position.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

During the test, the following programs under WIN 7 were executed.

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under 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%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter 1	AMIGO	AMS241-1203000FU	Input: 100-240V, 50/60Hz, 1.2A Output: 12V, 3.0A
Adapter 2	AMIGO	AMS200-1202000FU	Input: 100-240V, 50/60Hz, 0.8A Max Output: 12V, 2.0A

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Flash disk3.0	Transcend	604108 8255	N/A
B	LAN NB	DELL	E6430	N/A
C	WAN NB	DELL	E6430	N/A
D	2.4G NB	DELL	E6430	N/A
E	5G NB	DELL	E6430	N/A
F	DSL CO	COMTREND	CT-5372	N/A
G	DSL NB	DELL	E6430	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	NB	DELL	E4300	N/A
D	NB	DELL	E4300	N/A
E	NB	DELL	E4300	N/A
F	Flash disk3.0	Silicon Power	B06	N/A
G	DSL CO	COMTREND	CT-5372	N/A

For Radiated (above 1GHz):
(For non-beamforming mode)

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

(For beamforming mode)

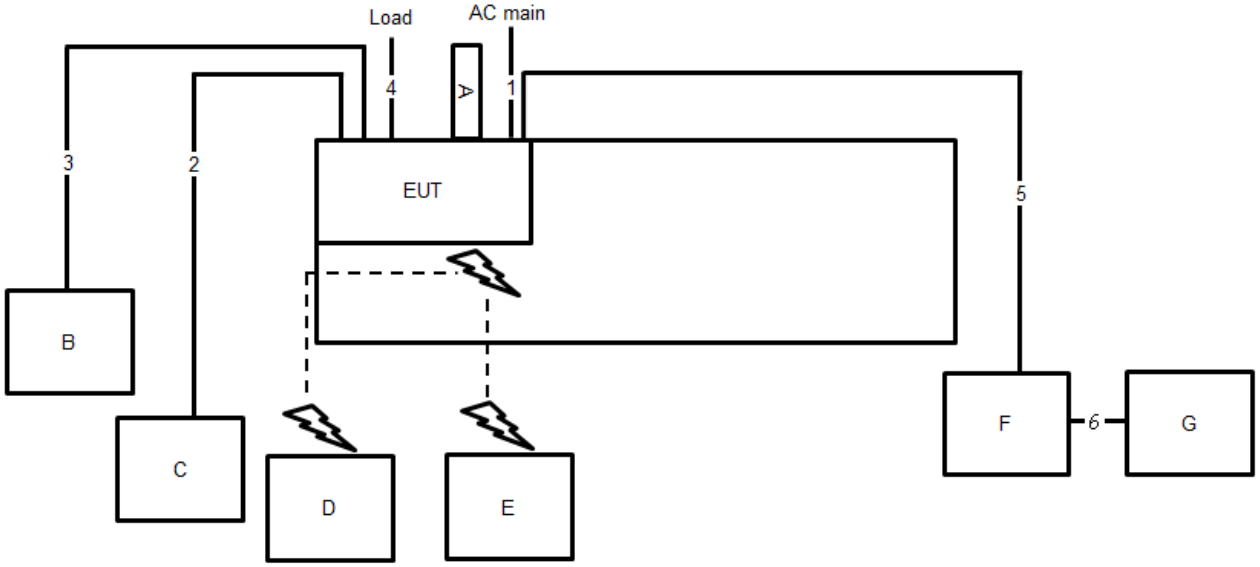
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	RX Device	ASUS	RT-AX88U	MSQ-RTAXHP00

For RF Conducted:

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

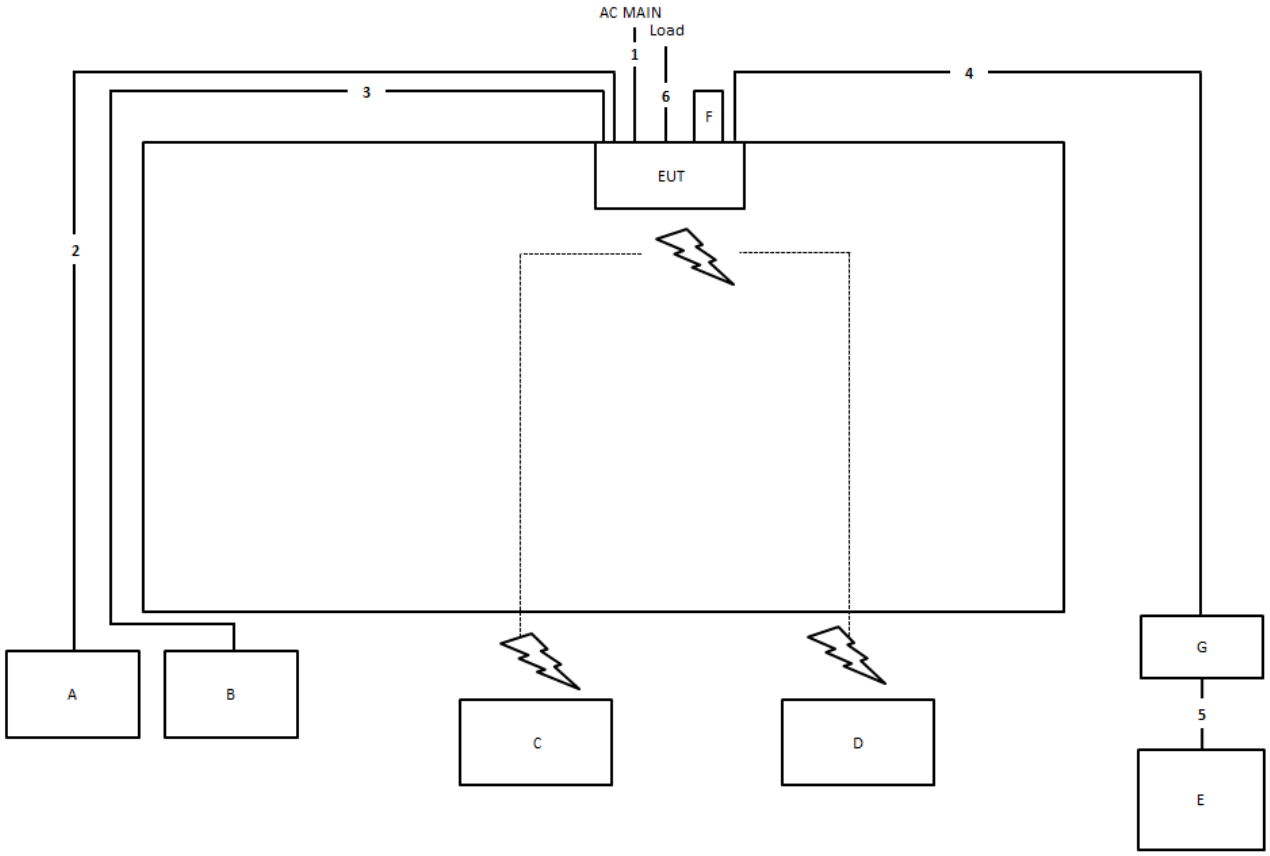
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



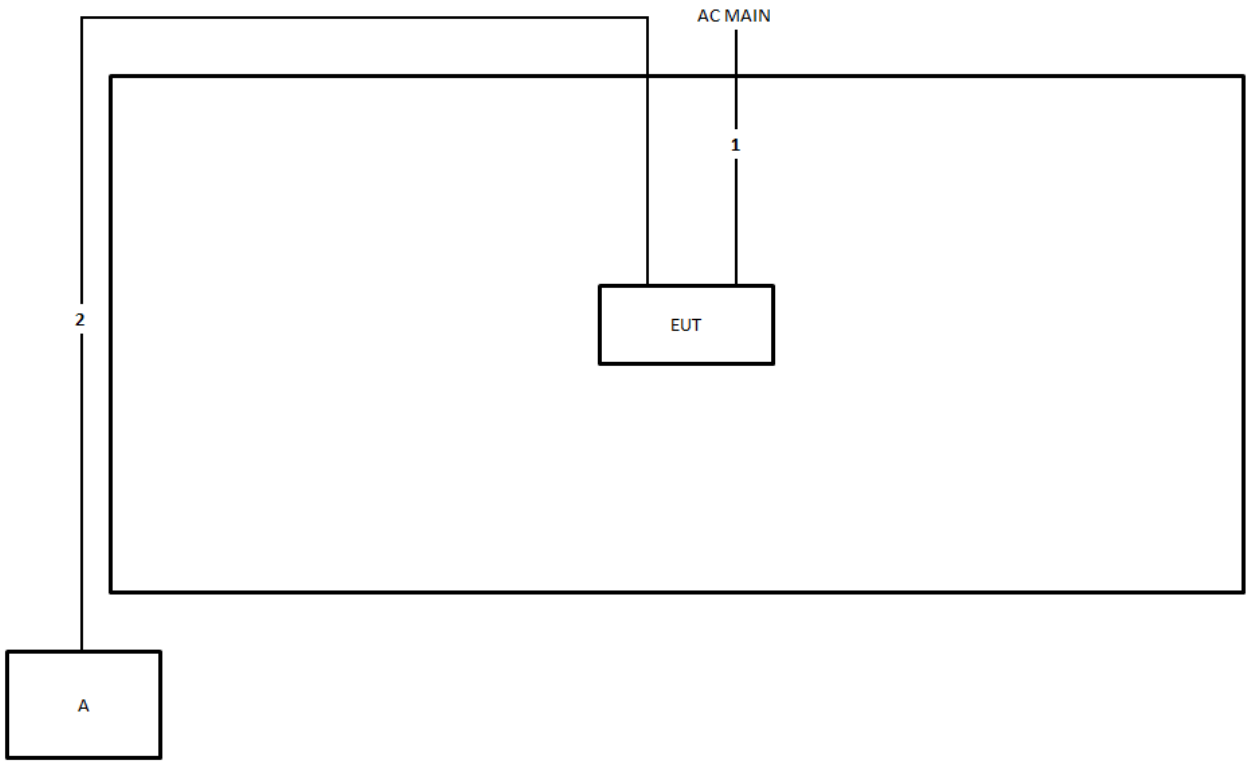
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-45 cable*3	No	1.5m
5	RJ-11 cable	No	10m
6	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test < 1GHz



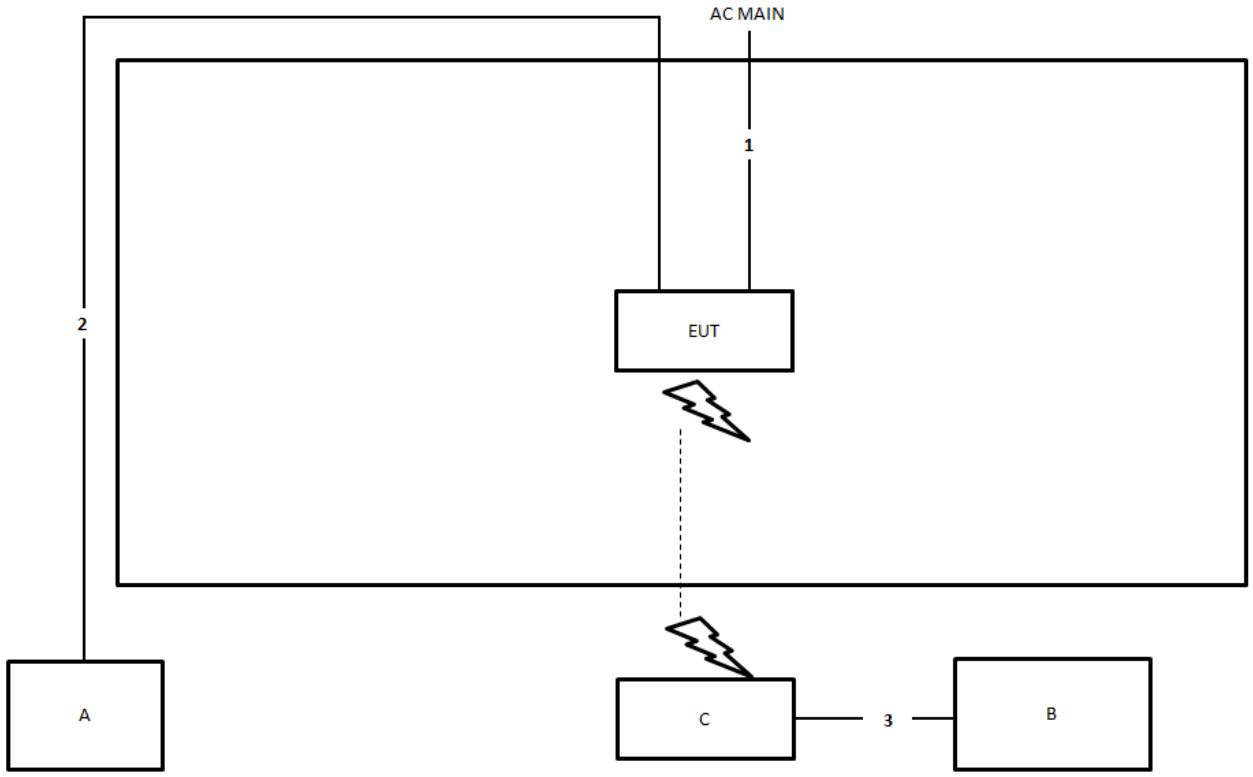
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	10m
4	RJ-11 cable	No	10m
5	RJ-45 cable	No	1m
6	RJ-45 cable*3	No	1m

Test Setup Diagram - Radiated Test > 1GHz / For non-beamforming mode



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

Test Setup Diagram - Radiated Test > 1GHz / For beamforming mode



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

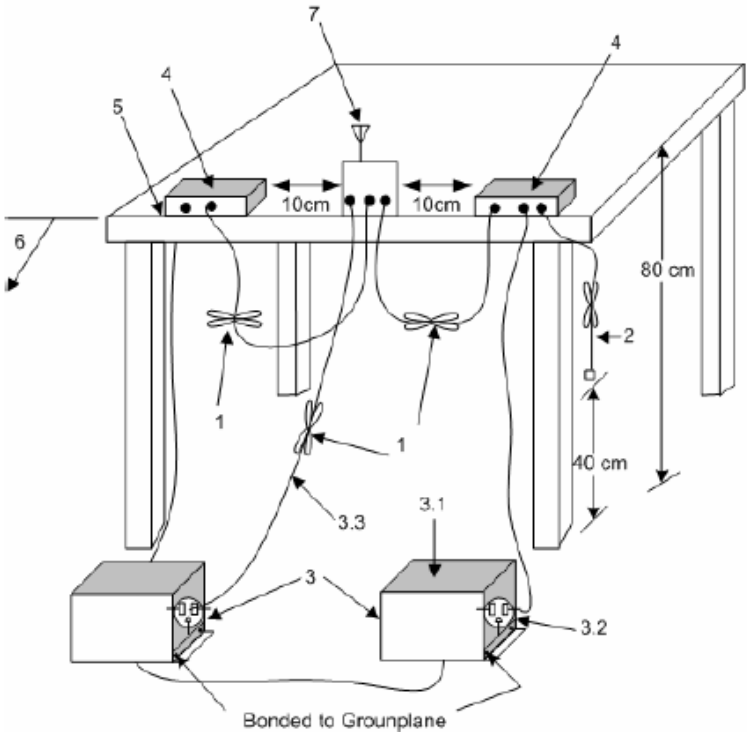
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

3.2.2 Measuring Instruments

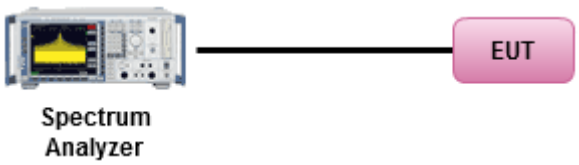
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth



3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

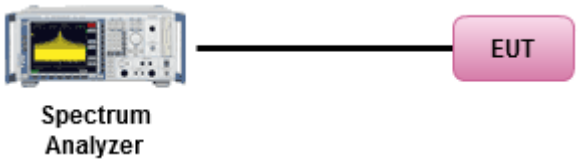
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

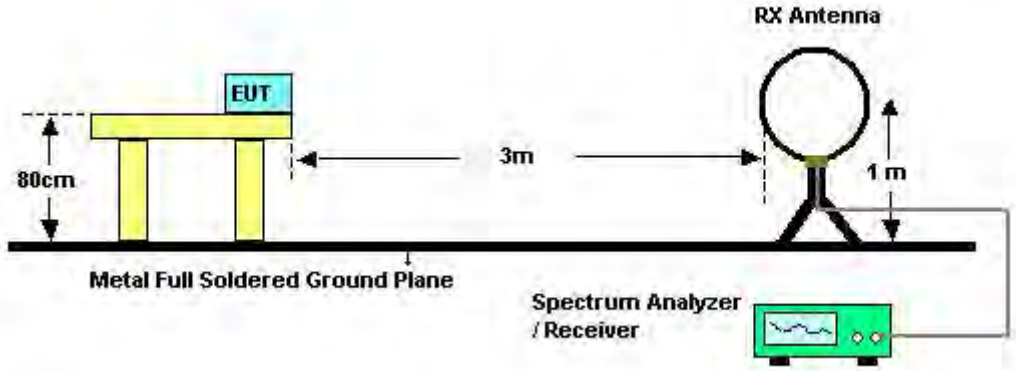
3.5.3 Test Procedures

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

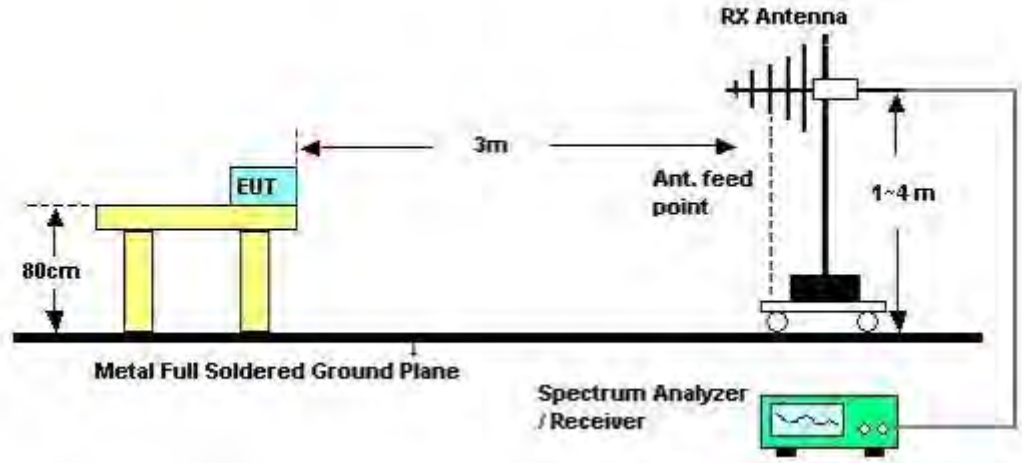
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

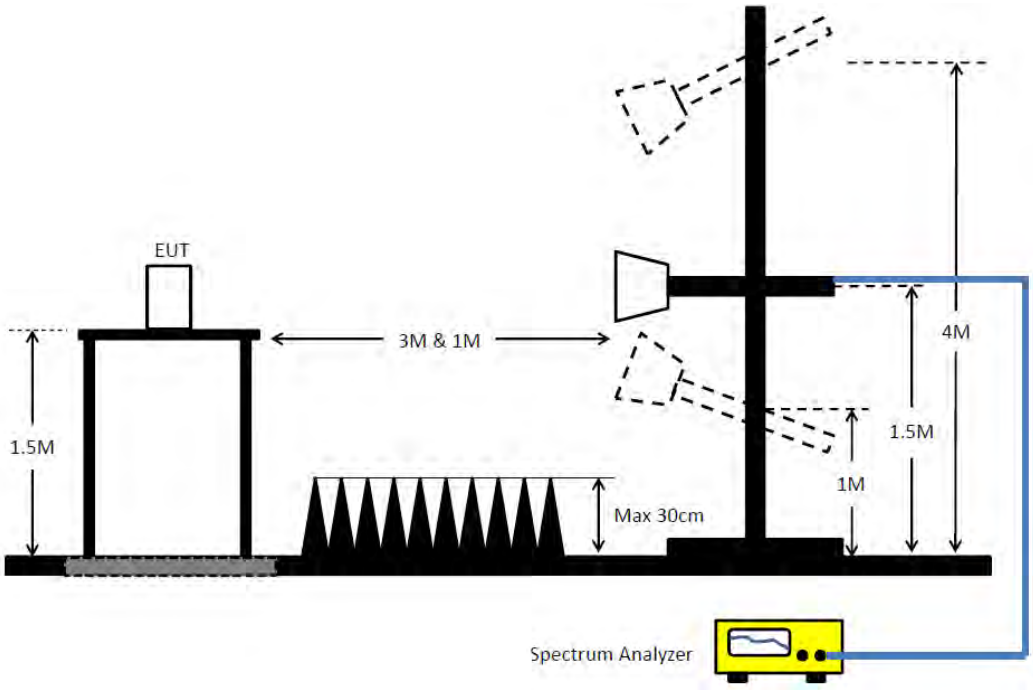
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2018	Nov. 20, 2019	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 05, 2018	Nov. 04, 2019	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Oct. 30, 2019	Oct. 29, 2020	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 16, 2019	Jan. 15, 2020	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz~30MHz	Nov. 06, 2018	Nov. 05, 2019	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz~30MHz	Oct. 21, 2019	Oct. 20, 2020	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Bilog Antenna with 6dB Attenuator	TESE & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Spectrum Analyzer	R&S	FSP40	100304	9kHz ~ 40GHz	Aug. 15, 2019	Aug. 14, 2020	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2019	Jan. 23, 2020	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Dec. 20, 2018	Dec. 19, 2019	Radiation (03CH03-CB)

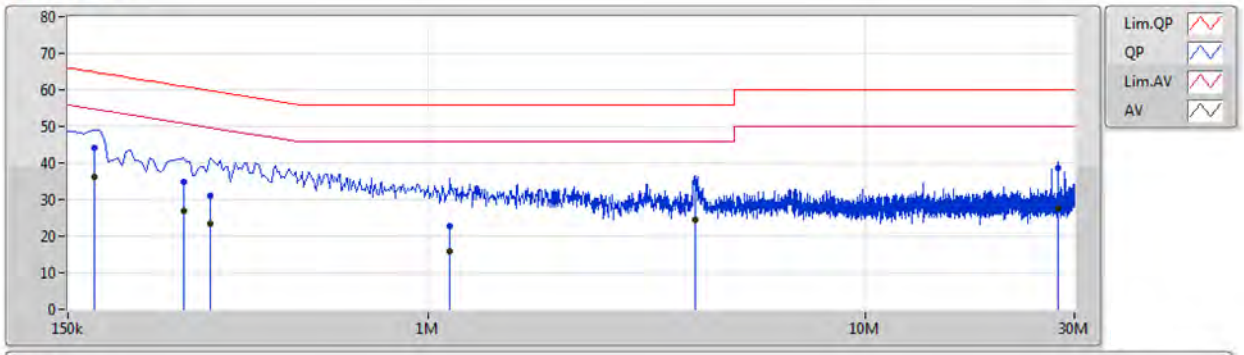
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)

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

N.C.R. means Non-Calibration required.

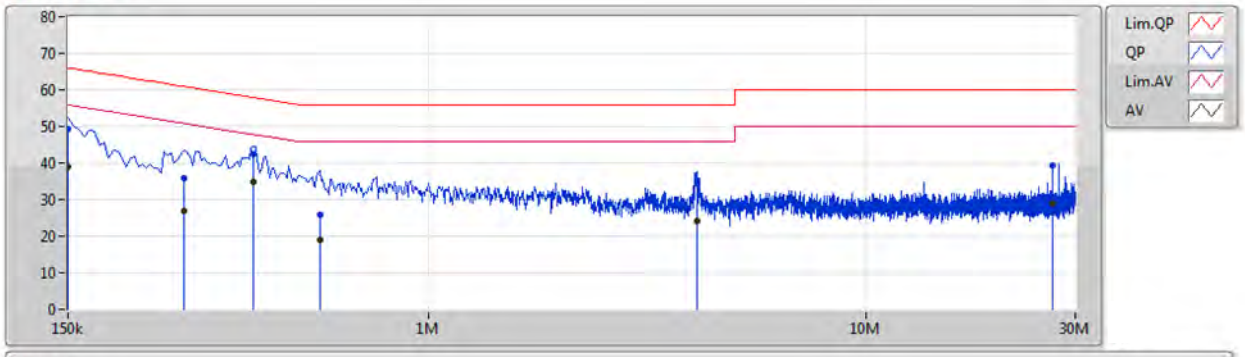
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	172.5k	44.10	64.83	-20.73	10.17	Line	-	33.93	0.05	0.02	10.10
AV	172.5k	36.16	54.83	-18.67	10.17	Line	"Worst"	25.99	0.05	0.02	10.10
QP	276k	34.68	60.93	-26.25	10.17	Line	-	24.51	0.05	0.02	10.10
AV	276k	26.95	50.93	-23.98	10.17	Line	-	16.78	0.05	0.02	10.10
QP	316.5k	30.99	59.80	-28.81	10.18	Line	-	20.81	0.06	0.02	10.10
AV	316.5k	23.53	49.80	-26.27	10.18	Line	-	13.35	0.06	0.02	10.10
QP	1.122M	22.61	56.00	-33.39	10.19	Line	-	12.42	0.07	0.02	10.10
AV	1.122M	15.95	46.00	-30.05	10.19	Line	-	5.76	0.07	0.02	10.10
QP	4.079M	34.71	56.00	-21.29	10.29	Line	-	24.42	0.12	0.07	10.10
AV	4.079M	24.50	46.00	-21.50	10.29	Line	-	14.21	0.12	0.07	10.10
QP	27.587M	38.45	60.00	-21.55	10.72	Line	-	27.73	0.37	0.22	10.13
AV	27.587M	27.51	50.00	-22.49	10.72	Line	-	16.79	0.37	0.22	10.13

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	150k	49.32	66.00	-16.68	10.15	Neutral	-	39.17	0.03	0.02	10.10
AV	150k	39.05	56.00	-16.95	10.15	Neutral	-	28.90	0.03	0.02	10.10
QP	276k	35.86	60.93	-25.07	10.15	Neutral	-	25.71	0.03	0.02	10.10
AV	276k	26.86	50.93	-24.07	10.15	Neutral	-	16.71	0.03	0.02	10.10
QP	397.5k	42.25	57.91	-15.66	10.16	Neutral	-	32.09	0.04	0.02	10.10
AV	397.5k	34.89	47.91	-13.02	10.16	Neutral	"Worst"	24.73	0.04	0.02	10.10
QP	564k	25.77	56.00	-30.23	10.16	Neutral	-	15.61	0.04	0.02	10.10
AV	564k	18.85	46.00	-27.15	10.16	Neutral	-	8.69	0.04	0.02	10.10
QP	4.11M	34.40	56.00	-21.60	10.25	Neutral	-	24.15	0.08	0.07	10.10
AV	4.11M	24.26	46.00	-21.74	10.25	Neutral	-	14.01	0.08	0.07	10.10
QP	26.637M	39.22	60.00	-20.78	10.62	Neutral	-	28.60	0.29	0.21	10.12
AV	26.637M	28.82	50.00	-21.18	10.62	Neutral	-	18.20	0.29	0.21	10.12

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	22.425M	16.626M	16M6D1D	21.35M	16.51M
802.11ac VHT20_Nss1,(MCS0)_4TX	24.15M	17.791M	17M8D1D	21.45M	17.716M
802.11ac VHT40_Nss1,(MCS0)_4TX	48.3M	36.282M	36M3D1D	39.5M	36.182M
802.11ac VHT80_Nss1,(MCS0)_4TX	82M	75.962M	76M0D1D	81.2M	75.662M
802.11ax HEW20_Nss1,(MCS0)_4TX	23.025M	19.04M	19M0D1D	21.275M	18.966M
802.11ax HEW40_Nss1,(MCS0)_4TX	42.45M	37.681M	37M7D1D	39.85M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.5M	77.161M	77M2D1D	81.2M	76.962M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.325M	16.66M	16M7D1D	16.025M	16.541M
802.11ac VHT20_Nss1,(MCS0)_4TX	17.575M	17.816M	17M8D1D	17.275M	17.741M
802.11ac VHT40_Nss1,(MCS0)_4TX	36.3M	36.332M	36M3D1D	35.35M	36.182M
802.11ac VHT80_Nss1,(MCS0)_4TX	75.2M	75.962M	76M0D1D	75.1M	75.662M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.95M	19.015M	19M0D1D	18.575M	18.941M
802.11ax HEW40_Nss1,(MCS0)_4TX	37.55M	37.631M	37M6D1D	35.6M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	75.4M	77.161M	77M2D1D	75.1M	76.962M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **Min-OBW** = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.425M	16.55M	21.75M	16.51M	22.225M	16.584M	21.825M	16.555M
5200MHz	Pass	Inf	21.35M	16.586M	21.675M	16.559M	22.2M	16.599M	21.95M	16.55M
5240MHz	Pass	Inf	21.425M	16.542M	21.625M	16.535M	22.425M	16.626M	21.55M	16.543M
5745MHz	Pass	500k	16.3M	16.572M	16.3M	16.601M	16.325M	16.574M	16.325M	16.591M
5785MHz	Pass	500k	16.325M	16.541M	16.3M	16.635M	16.325M	16.611M	16.3M	16.601M
5825MHz	Pass	500k	16.025M	16.6M	16.275M	16.66M	16.325M	16.629M	16.325M	16.586M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.75M	17.716M	21.675M	17.766M	21.45M	17.766M	21.9M	17.766M
5200MHz	Pass	Inf	21.725M	17.766M	21.875M	17.741M	24.15M	17.766M	21.925M	17.791M
5240MHz	Pass	Inf	21.85M	17.791M	21.9M	17.741M	21.75M	17.791M	21.75M	17.716M
5745MHz	Pass	500k	17.525M	17.741M	17.55M	17.791M	17.575M	17.766M	17.55M	17.741M
5785MHz	Pass	500k	17.275M	17.791M	17.575M	17.766M	17.575M	17.816M	17.575M	17.741M
5825MHz	Pass	500k	17.5M	17.766M	17.55M	17.791M	17.575M	17.791M	17.55M	17.791M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.3M	36.232M	39.5M	36.232M	40.05M	36.232M	39.8M	36.182M
5230MHz	Pass	Inf	48.05M	36.182M	43.1M	36.182M	48.3M	36.282M	40M	36.282M
5755MHz	Pass	500k	36.05M	36.332M	35.7M	36.182M	36.05M	36.182M	35.35M	36.232M
5795MHz	Pass	500k	36.25M	36.332M	36.3M	36.282M	36.3M	36.332M	36.25M	36.232M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82M	75.862M	81.6M	75.762M	81.2M	75.662M	81.8M	75.962M
5775MHz	Pass	500k	75.2M	75.762M	75.2M	75.762M	75.2M	75.962M	75.1M	75.662M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	22.025M	18.991M	21.475M	19.04M	22.525M	18.991M	22.375M	18.966M
5200MHz	Pass	Inf	22.9M	18.966M	21.275M	18.991M	23.025M	18.966M	22.95M	18.991M
5240MHz	Pass	Inf	22.725M	18.966M	21.5M	18.966M	22.9M	18.991M	22.825M	18.966M
5745MHz	Pass	500k	18.9M	18.991M	18.8M	18.966M	18.7M	18.991M	18.95M	18.991M
5785MHz	Pass	500k	18.575M	18.991M	18.75M	18.966M	18.9M	18.966M	18.95M	18.941M
5825MHz	Pass	500k	18.9M	18.991M	18.775M	18.991M	18.875M	18.991M	18.85M	19.015M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.1M	37.531M	39.85M	37.581M	39.9M	37.531M	40.1M	37.531M
5230MHz	Pass	Inf	40.6M	37.631M	40.1M	37.581M	42.45M	37.681M	40.05M	37.481M
5755MHz	Pass	500k	37.55M	37.581M	36.75M	37.581M	37.5M	37.531M	35.6M	37.481M
5795MHz	Pass	500k	37.05M	37.531M	35.65M	37.631M	37.5M	37.581M	36.55M	37.631M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.2M	77.061M	81.3M	76.962M	81.5M	77.161M	81.4M	77.061M
5775MHz	Pass	500k	75.3M	77.161M	75.2M	76.962M	75.1M	77.061M	75.4M	77.061M

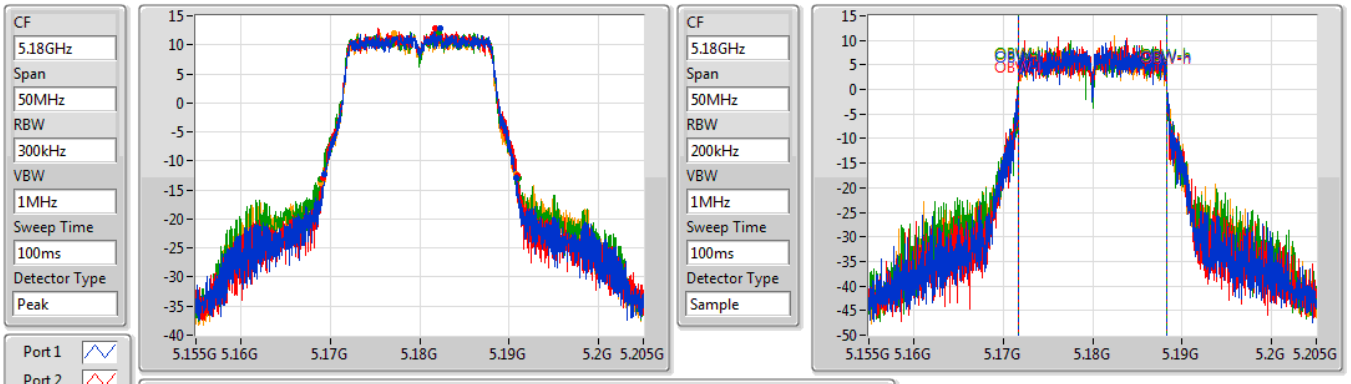
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX

EBW

5180MHz

11/09/2019



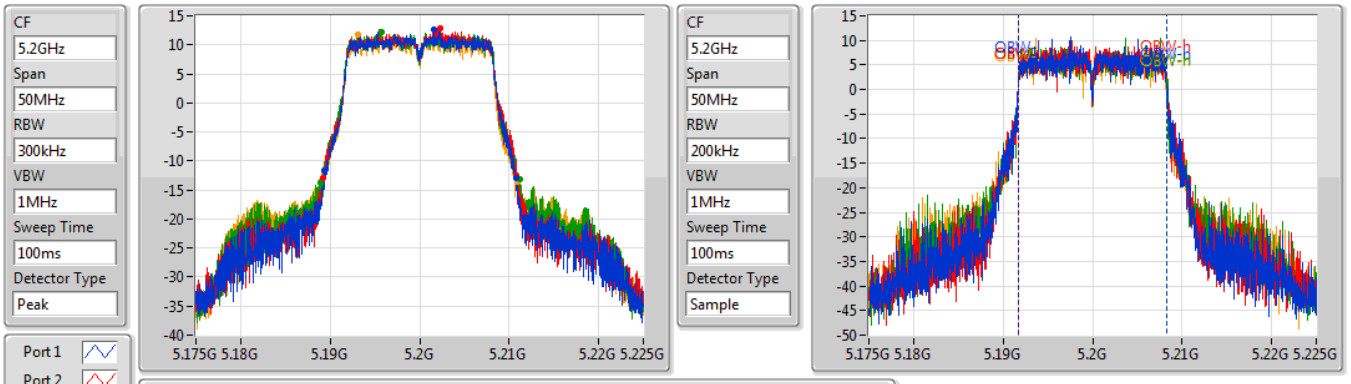
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.425M	5.169375G	5.1908G	16.55M	5.171726G	5.188275G	Inf	1
21.75M	5.1692G	5.19095G	16.51M	5.17173G	5.188239G	Inf	2
22.225M	5.1689G	5.191125G	16.584M	5.17169G	5.188274G	Inf	3
21.825M	5.16895G	5.190775G	16.555M	5.171725G	5.18828G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5200MHz

11/09/2019



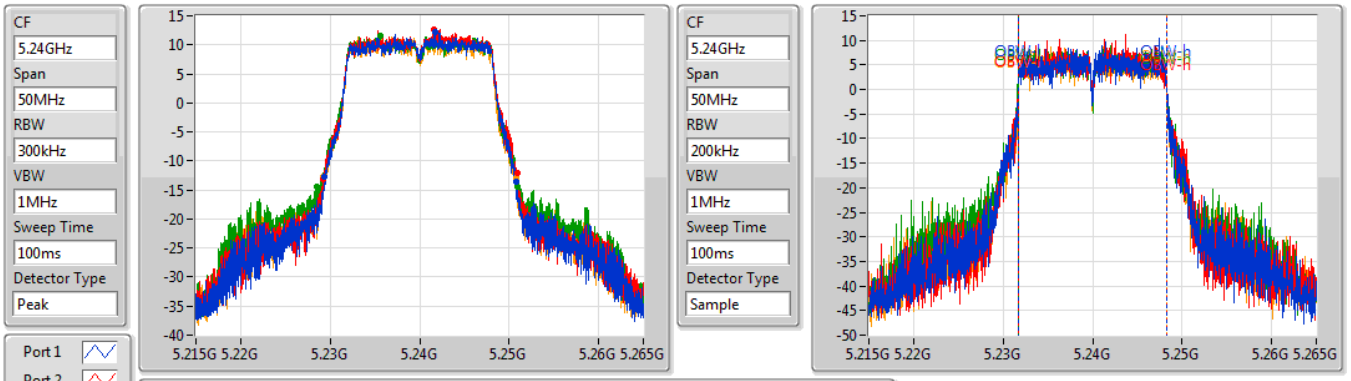
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.35M	5.1894G	5.21075G	16.586M	5.191717G	5.208303G	Inf	1
21.675M	5.189175G	5.21085G	16.559M	5.191719G	5.208278G	Inf	2
22.2M	5.18895G	5.21115G	16.599M	5.191704G	5.208303G	Inf	3
21.95M	5.188975G	5.210925G	16.55M	5.191701G	5.208251G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5240MHz

11/09/2019



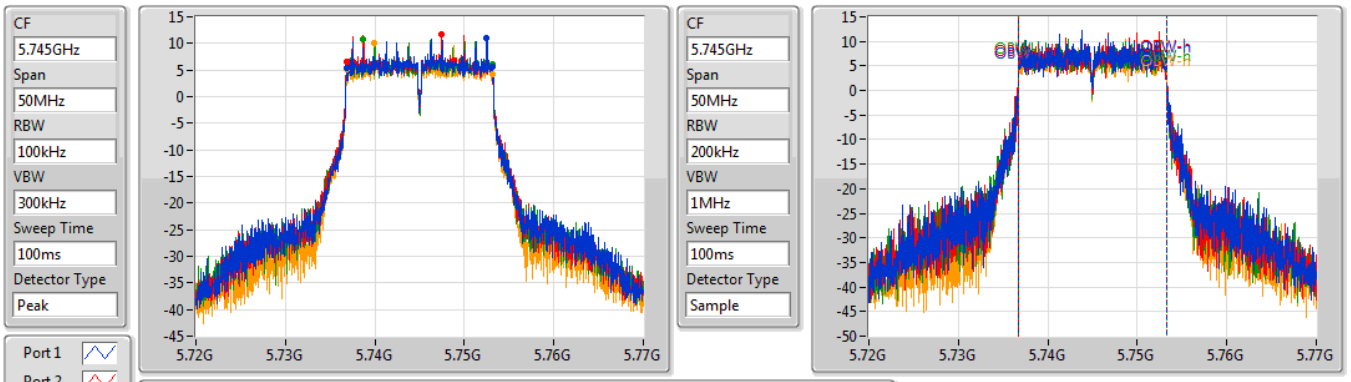
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.425M	5.229375G	5.2508G	16.542M	5.231737G	5.248279G	Inf	1
21.625M	5.229275G	5.2509G	16.535M	5.231734G	5.248269G	Inf	2
22.425M	5.228475G	5.2509G	16.626M	5.231652G	5.248278G	Inf	3
21.55M	5.2292G	5.25075G	16.543M	5.231714G	5.248258G	Inf	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5745MHz

11/09/2019



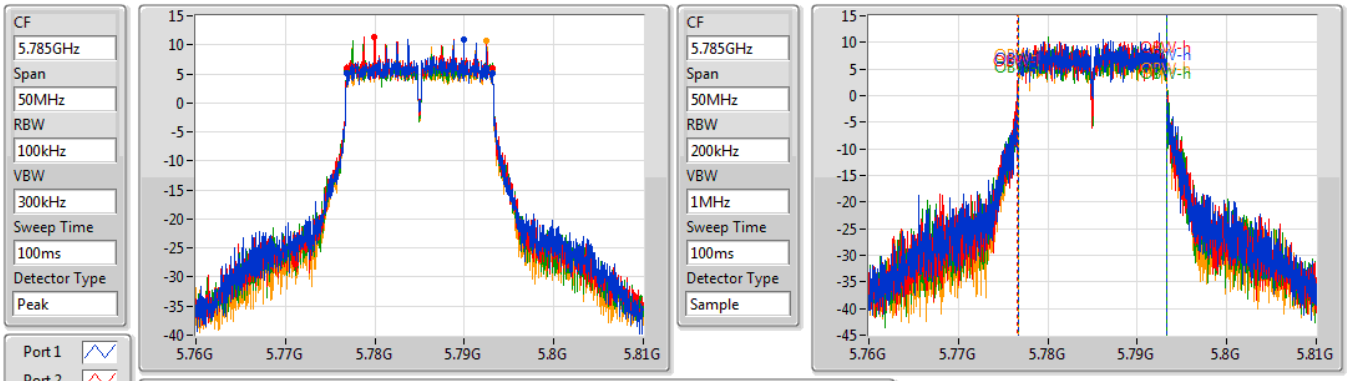
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.73685G	5.75315G	16.572M	5.736715G	5.753287G	500k	1
16.3M	5.73685G	5.75315G	16.601M	5.73668G	5.75328G	500k	2
16.325M	5.736825G	5.75315G	16.574M	5.736709G	5.753283G	500k	3
16.325M	5.73685G	5.753175G	16.591M	5.7367G	5.753291G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5785MHz

11/09/2019



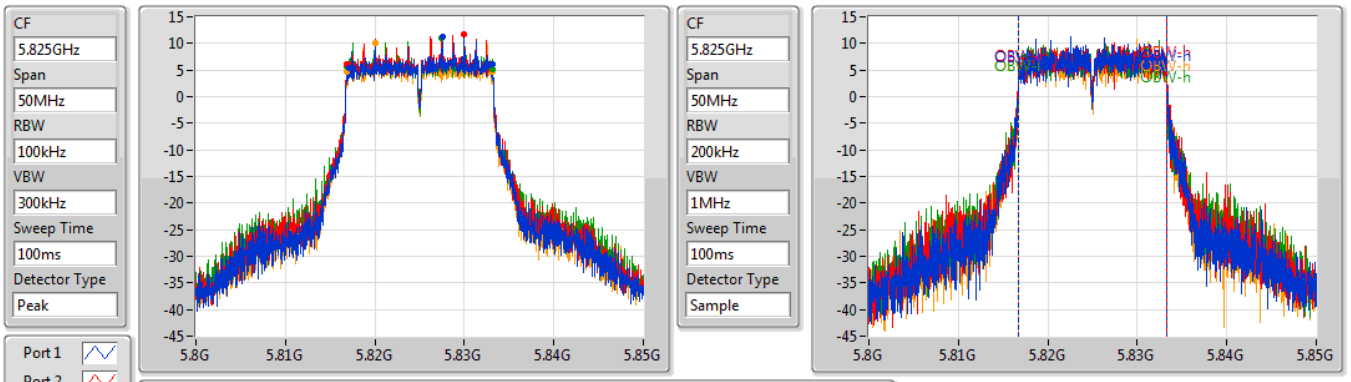
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.77685G	5.793175G	16.541M	5.77673G	5.793271G	500k	1
16.3M	5.77685G	5.79315G	16.635M	5.776643G	5.793278G	500k	2
16.325M	5.77685G	5.793175G	16.611M	5.7767G	5.793311G	500k	3
16.3M	5.77685G	5.79315G	16.601M	5.776693G	5.793294G	500k	4

802.11a_Nss1,(6Mbps)_4TX

EBW

5825MHz

11/09/2019



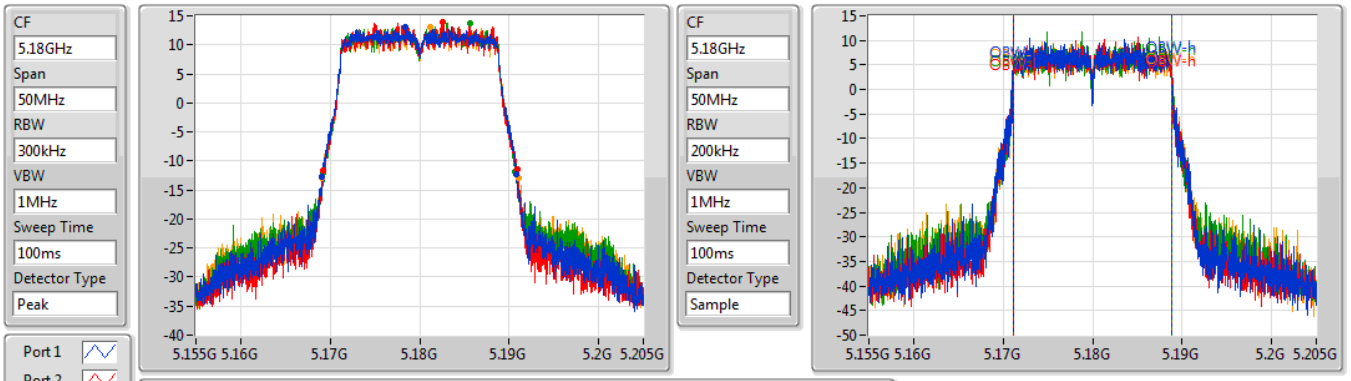
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.025M	5.817125G	5.83315G	16.6M	5.81673G	5.83333G	500k	1
16.275M	5.816875G	5.83315G	16.66M	5.816691G	5.833351G	500k	2
16.325M	5.81685G	5.833175G	16.629M	5.816685G	5.833313G	500k	3
16.325M	5.81685G	5.833175G	16.586M	5.816712G	5.833299G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5180MHz

12/09/2019



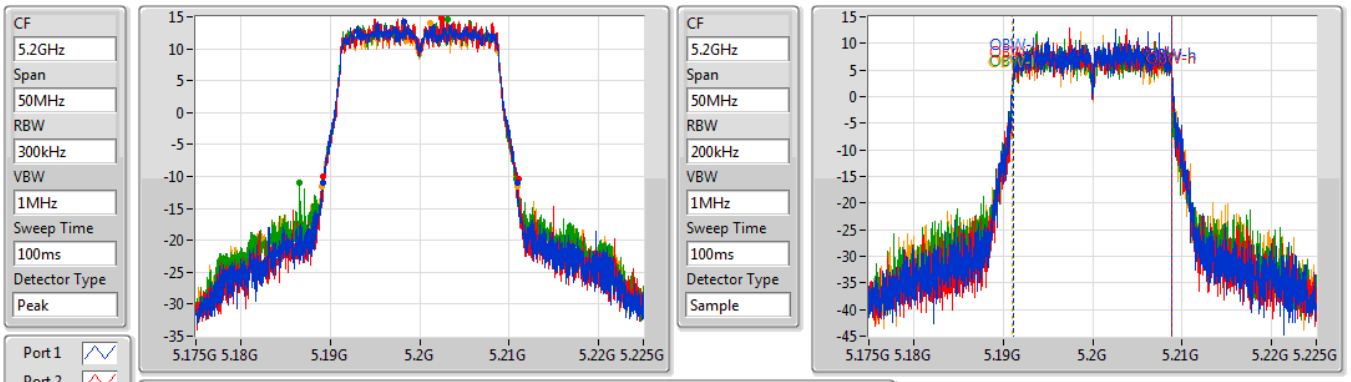
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.1691G	5.19085G	17.716M	5.171129G	5.188846G	Inf	1
21.675M	5.169225G	5.1909G	17.766M	5.171104G	5.188871G	Inf	2
21.45M	5.16925G	5.1907G	17.766M	5.171104G	5.188871G	Inf	3
21.9M	5.169125G	5.191025G	17.766M	5.171129G	5.188896G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5200MHz

12/09/2019



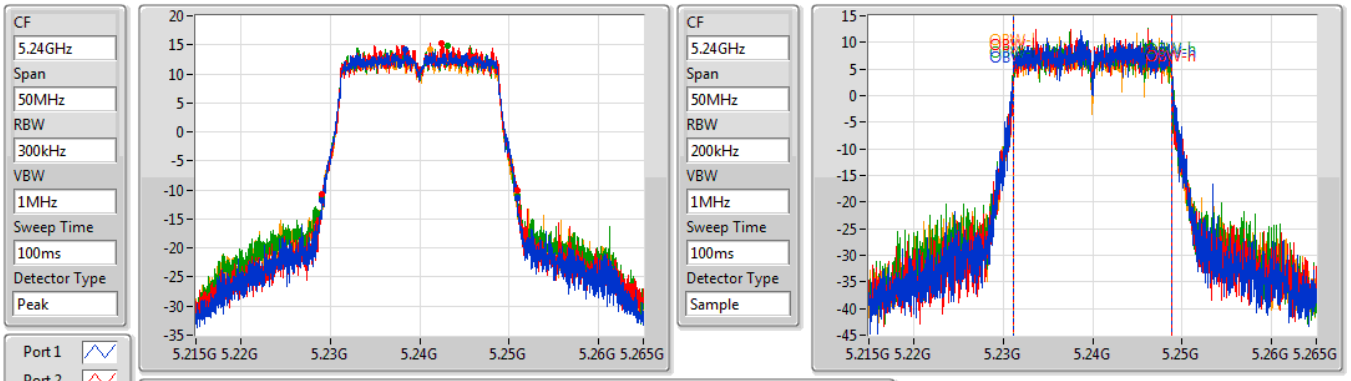
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.725M	5.18915G	5.210875G	17.766M	5.191129G	5.208896G	Inf	1
21.875M	5.189175G	5.21105G	17.741M	5.191129G	5.208871G	Inf	2
24.15M	5.186625G	5.210775G	17.766M	5.191104G	5.208871G	Inf	3
21.925M	5.189075G	5.211G	17.791M	5.191079G	5.208871G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5240MHz

12/09/2019



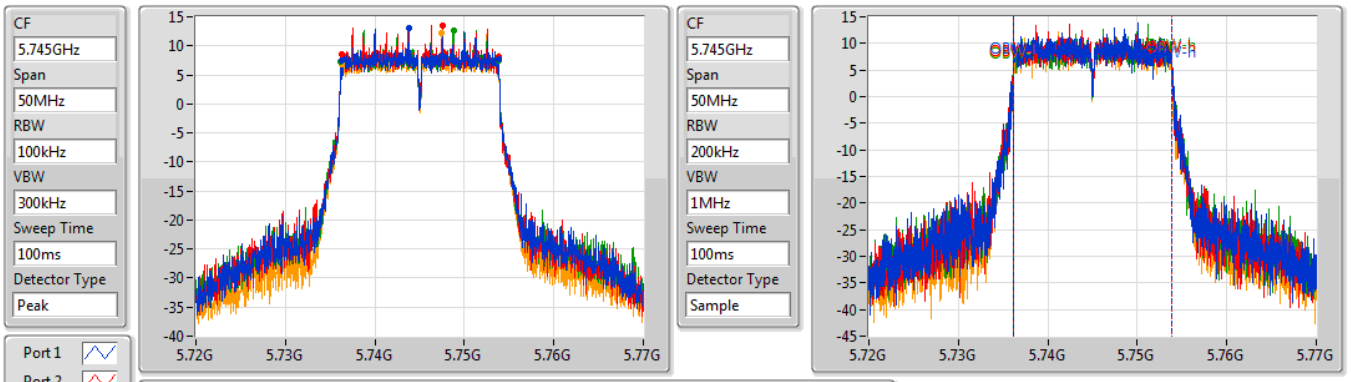
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.85M	5.2291G	5.25095G	17.791M	5.231104G	5.248896G	Inf	1
21.9M	5.2291G	5.251G	17.741M	5.231129G	5.248871G	Inf	2
21.75M	5.229125G	5.250875G	17.791M	5.231104G	5.248896G	Inf	3
21.75M	5.229075G	5.250825G	17.716M	5.231129G	5.248846G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5745MHz

12/09/2019



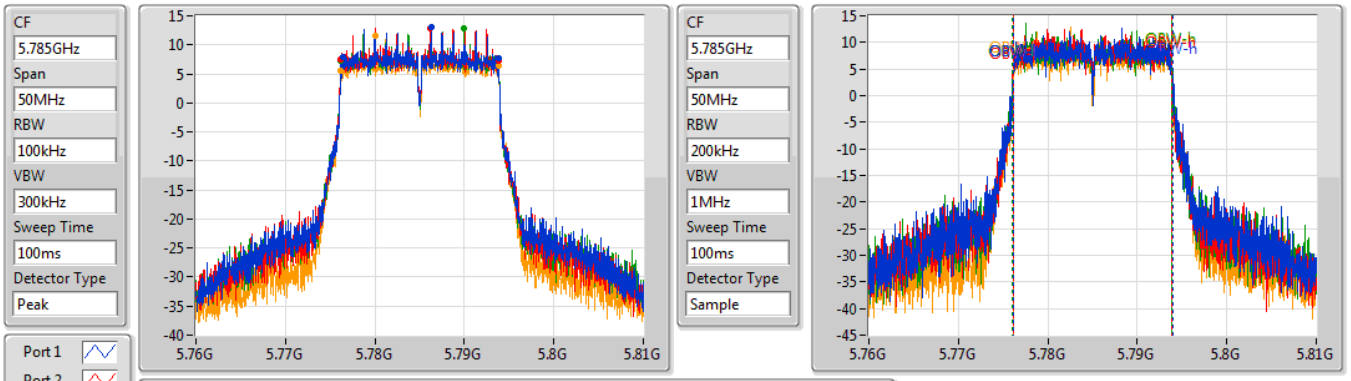
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.73625G	5.7537775G	17.741M	5.736154G	5.753896G	500k	1
17.55M	5.73625G	5.7538G	17.791M	5.736104G	5.753896G	500k	2
17.575M	5.736225G	5.7538G	17.766M	5.736129G	5.753896G	500k	3
17.55M	5.73625G	5.7538G	17.741M	5.736129G	5.753871G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5785MHz

12/09/2019



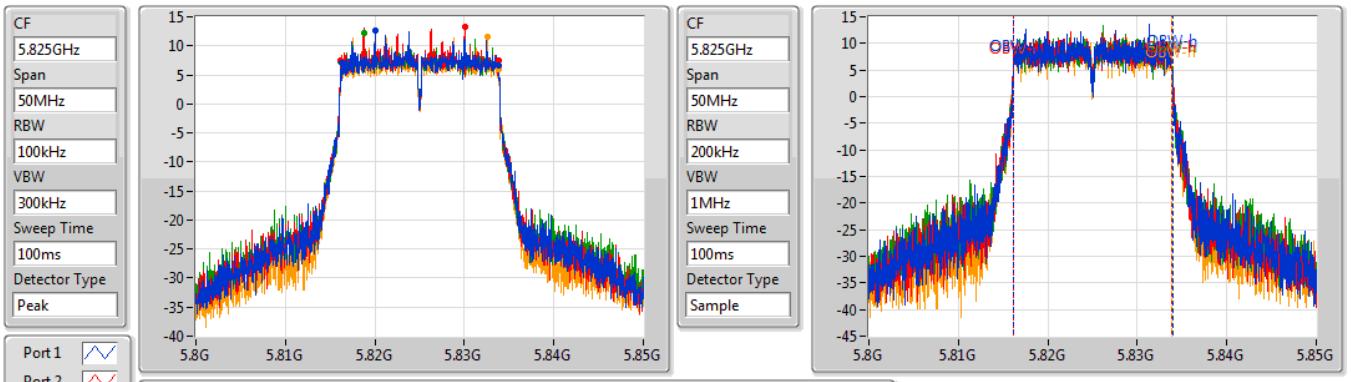
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.275M	5.7765G	5.793775G	17.791M	5.776129G	5.793921G	500k	1
17.575M	5.776225G	5.7938G	17.766M	5.776104G	5.793871G	500k	2
17.575M	5.776225G	5.7938G	17.816M	5.776079G	5.793896G	500k	3
17.575M	5.776225G	5.7938G	17.741M	5.776129G	5.793871G	500k	4

802.11ac VHT20_Nss1,(MCS0)_4TX

EBW

5825MHz

12/09/2019



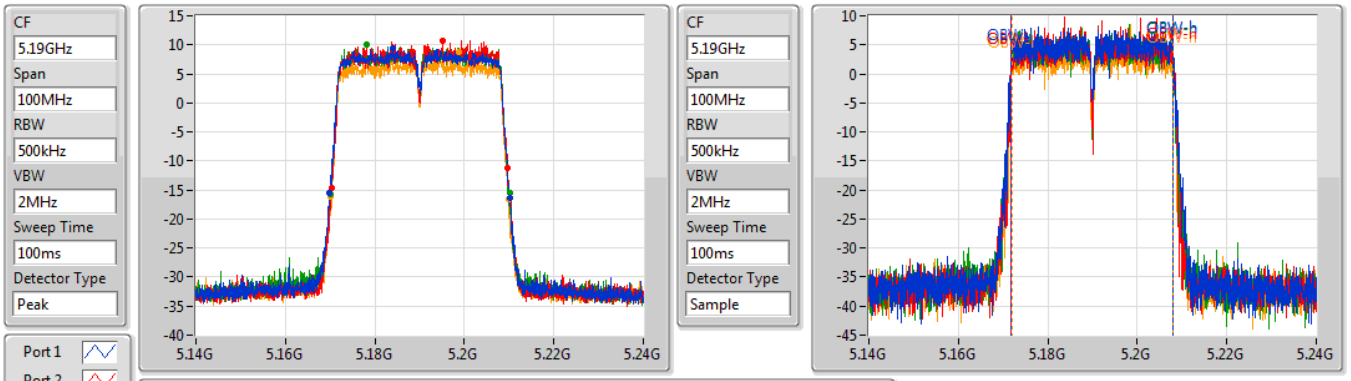
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	5.816275G	5.833775G	17.766M	5.816154G	5.833921G	500k	1
17.55M	5.816225G	5.833775G	17.791M	5.816104G	5.833896G	500k	2
17.575M	5.816225G	5.8338G	17.791M	5.816129G	5.833921G	500k	3
17.55M	5.81625G	5.8338G	17.791M	5.816104G	5.833896G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5190MHz

12/09/2019



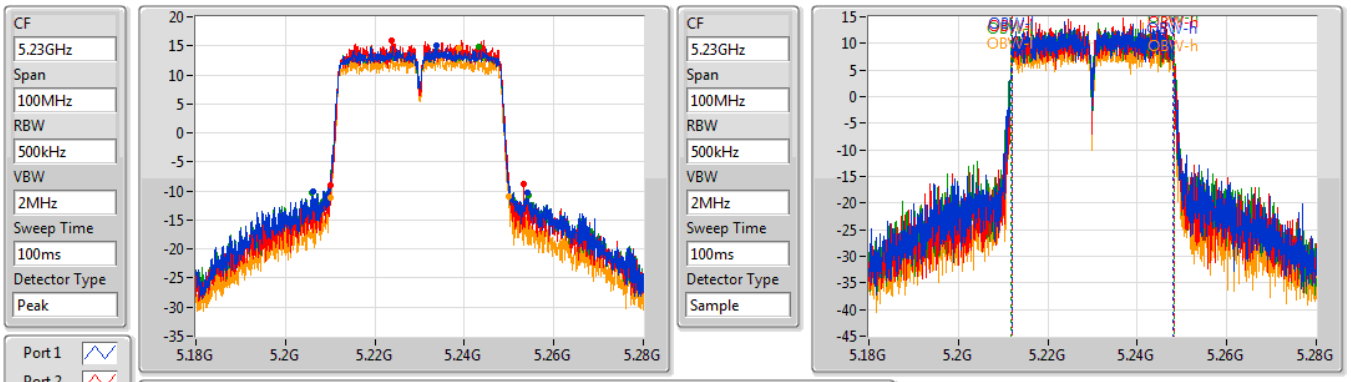
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.3M	5.1699G	5.2102G	36.232M	5.171859G	5.208091G	Inf	1
39.5M	5.17025G	5.20975G	36.232M	5.171859G	5.208091G	Inf	2
40.05M	5.1701G	5.21015G	36.232M	5.171859G	5.208091G	Inf	3
39.8M	5.17015G	5.20995G	36.182M	5.171909G	5.208091G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5230MHz

12/09/2019



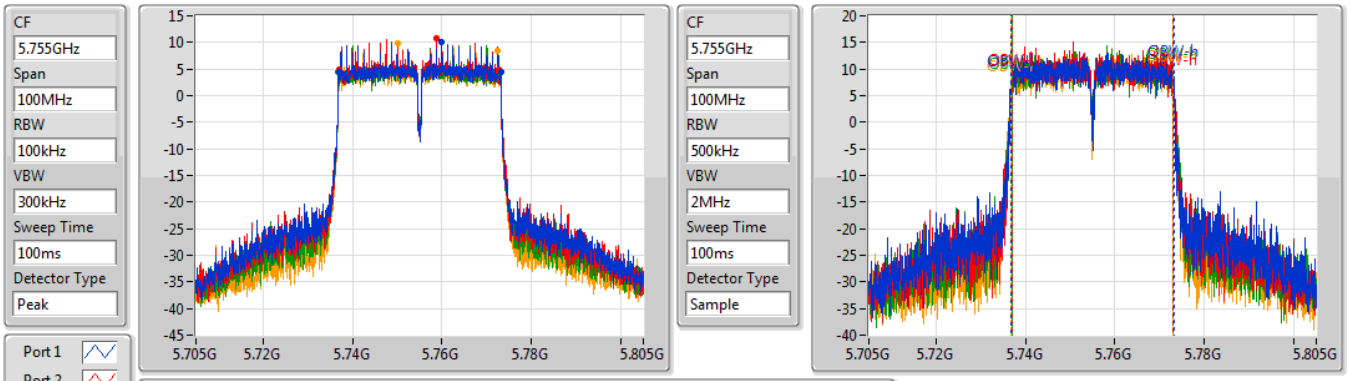
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
48.05M	5.20605G	5.2541G	36.182M	5.211909G	5.248091G	Inf	1
43.1M	5.2101G	5.2532G	36.182M	5.211959G	5.248141G	Inf	2
48.3M	5.206G	5.2543G	36.282M	5.211859G	5.248141G	Inf	3
40M	5.20995G	5.24995G	36.282M	5.211859G	5.248141G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5755MHz

12/09/2019



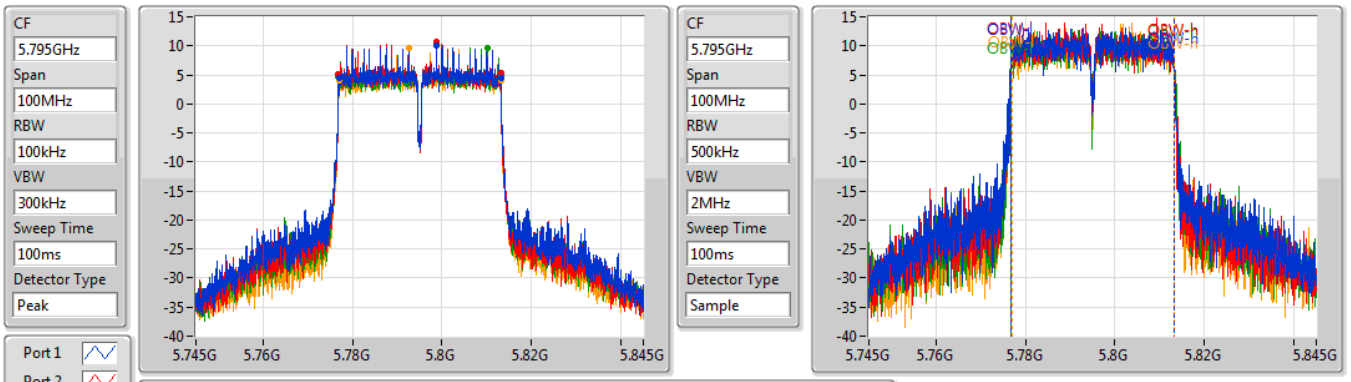
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.05M	5.7371G	5.77315G	36.332M	5.736809G	5.773141G	500k	1
35.7M	5.7369G	5.7726G	36.182M	5.736909G	5.773091G	500k	2
36.05M	5.73685G	5.7729G	36.182M	5.736909G	5.773091G	500k	3
35.35M	5.73715G	5.7725G	36.232M	5.736859G	5.773091G	500k	4

802.11ac VHT40_Nss1,(MCS0)_4TX

EBW

5795MHz

12/09/2019



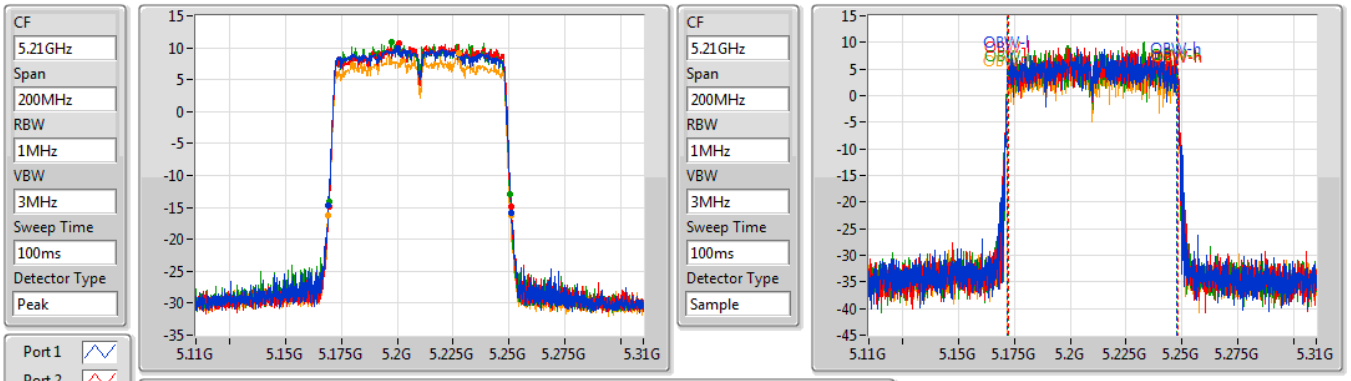
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.25M	5.7769G	5.81315G	36.332M	5.776809G	5.813141G	500k	1
36.3M	5.77685G	5.81315G	36.282M	5.776859G	5.813141G	500k	2
36.3M	5.77685G	5.81315G	36.332M	5.776859G	5.813191G	500k	3
36.25M	5.7769G	5.81315G	36.232M	5.776909G	5.813141G	500k	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5210MHz

12/09/2019



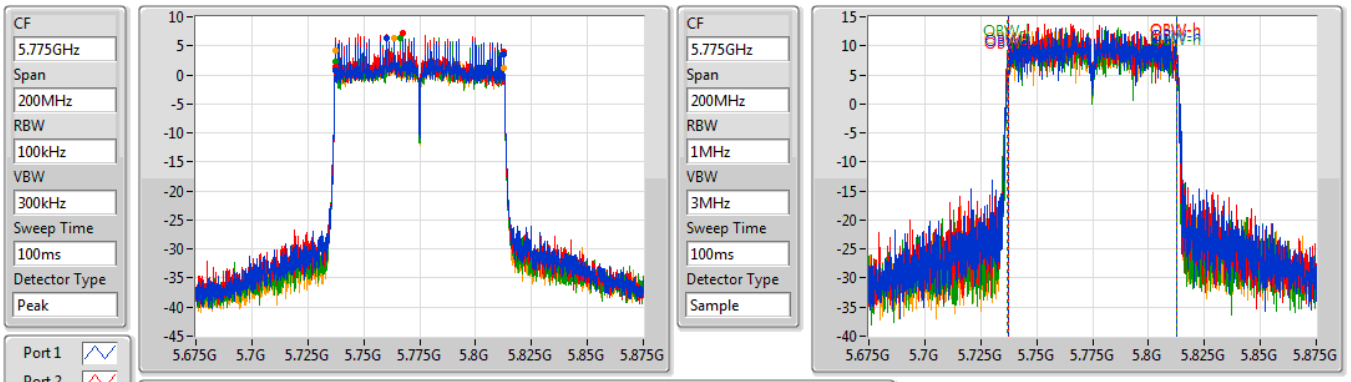
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.169G	5.251G	75.862M	5.172019G	5.247881G	Inf	1
81.6M	5.1694G	5.251G	75.762M	5.172219G	5.247981G	Inf	2
81.2M	5.1694G	5.2506G	75.662M	5.172119G	5.247781G	Inf	3
81.8M	5.169G	5.2508G	75.962M	5.172019G	5.247981G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX

EBW

5775MHz

12/09/2019



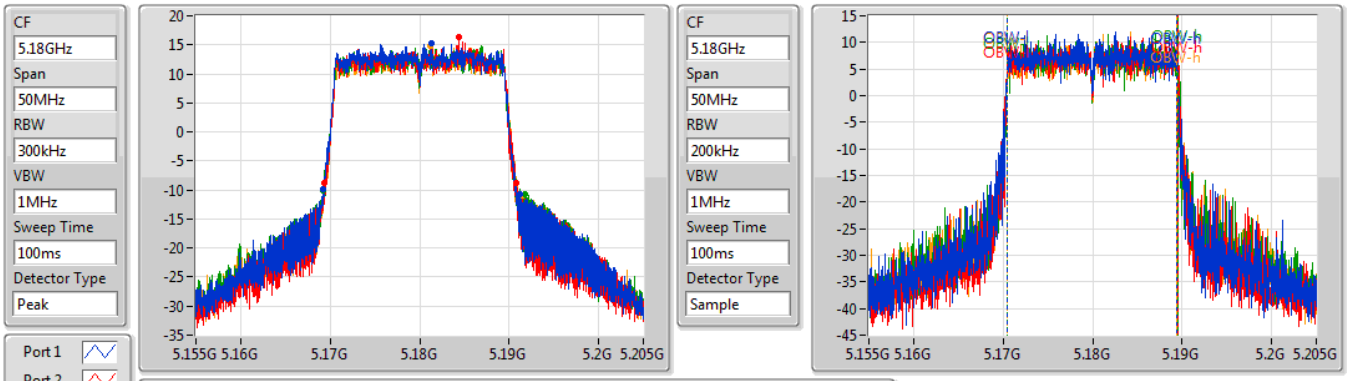
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.2M	5.7374G	5.8126G	75.762M	5.737119G	5.812881G	500k	1
75.2M	5.7374G	5.8126G	75.762M	5.737119G	5.812881G	500k	2
75.2M	5.7374G	5.8126G	75.962M	5.736919G	5.812881G	500k	3
75.1M	5.7375G	5.8126G	75.662M	5.737219G	5.812881G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5180MHz

12/09/2019



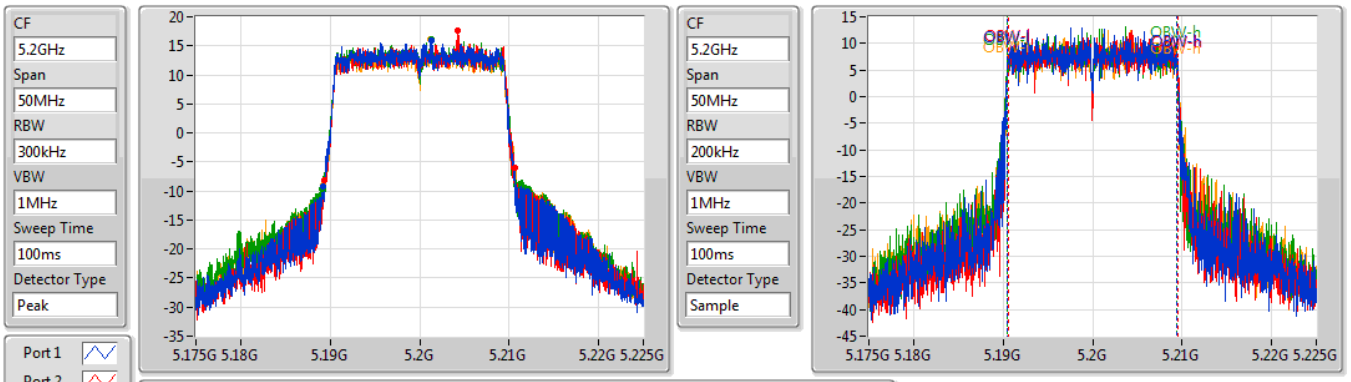
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.025M	5.169175G	5.1912G	18.991M	5.17048G	5.18947G	Inf	1
21.475M	5.169375G	5.19085G	19.04M	5.17048G	5.18952G	Inf	2
22.525M	5.169175G	5.1917G	18.991M	5.170505G	5.189495G	Inf	3
22.375M	5.169175G	5.19155G	18.966M	5.170505G	5.18947G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5200MHz

12/09/2019



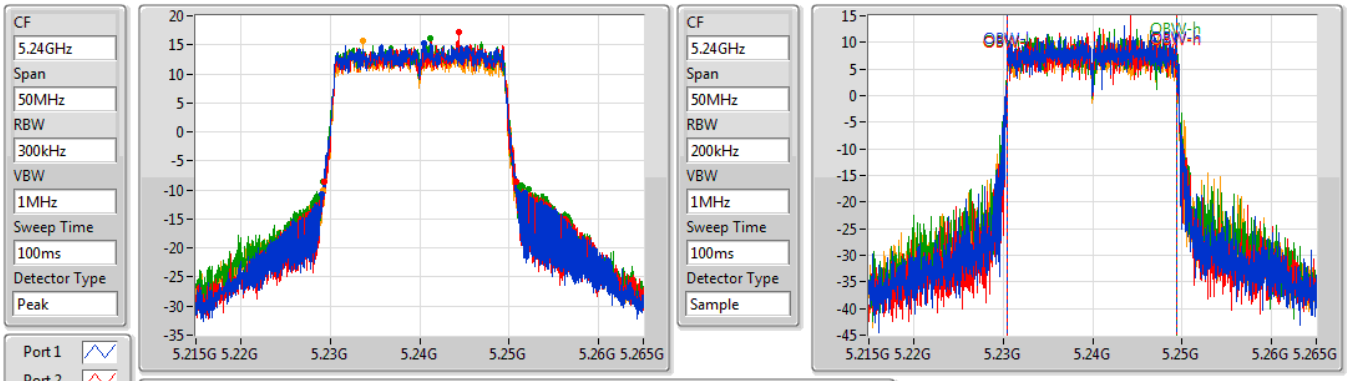
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.9M	5.189175G	5.212075G	18.966M	5.190505G	5.20947G	Inf	1
21.275M	5.189375G	5.21065G	18.991M	5.19053G	5.20952G	Inf	2
23.025M	5.1891G	5.212125G	18.966M	5.19048G	5.209445G	Inf	3
22.95M	5.18925G	5.2122G	18.991M	5.19048G	5.20947G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5240MHz

12/09/2019



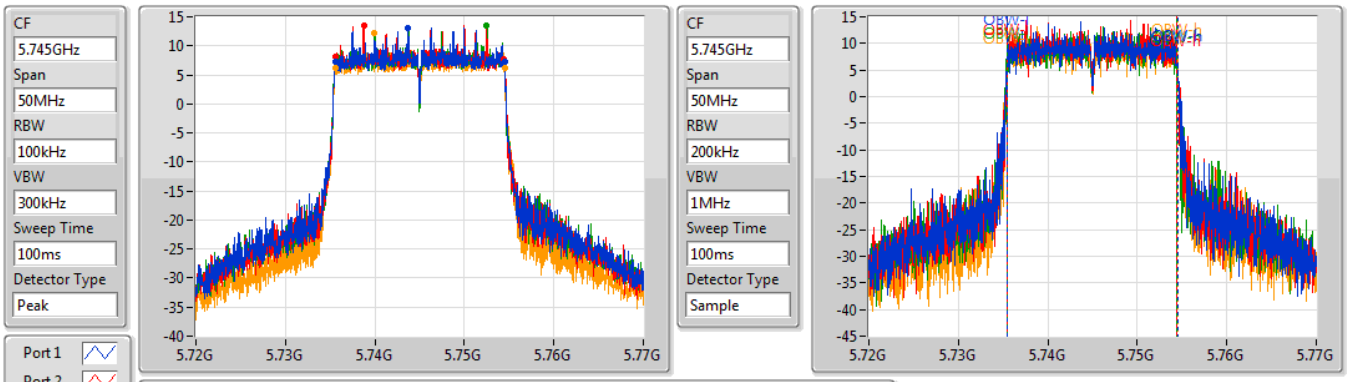
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.725M	5.2291G	5.251825G	18.966M	5.230505G	5.24947G	Inf	1
21.5M	5.22935G	5.25085G	18.966M	5.230505G	5.24947G	Inf	2
22.9M	5.229225G	5.252125G	18.991M	5.23048G	5.24947G	Inf	3
22.825M	5.22925G	5.252075G	18.966M	5.230505G	5.24947G	Inf	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5745MHz

12/09/2019



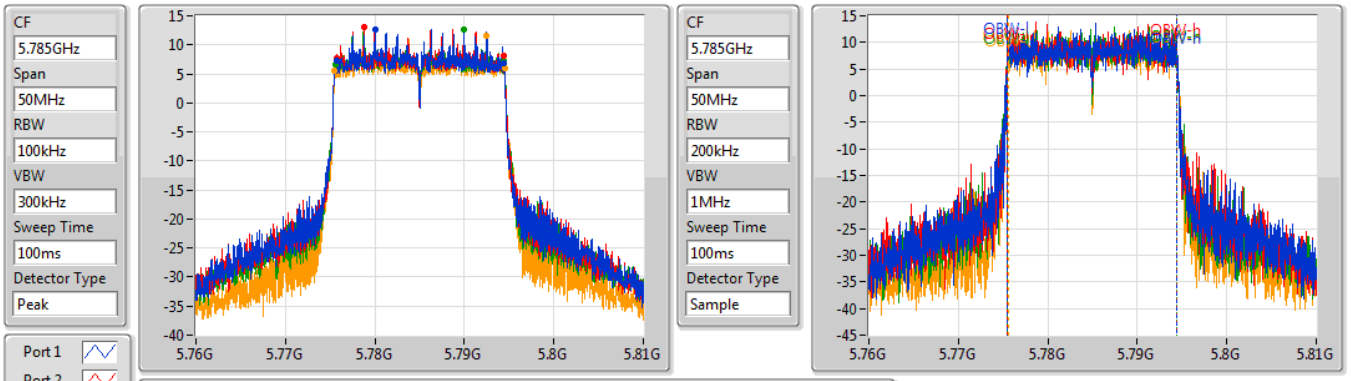
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.735575G	5.754475G	18.991M	5.735505G	5.754495G	500k	1
18.8M	5.735575G	5.754375G	18.966M	5.73548G	5.754445G	500k	2
18.7M	5.73575G	5.75445G	18.991M	5.73548G	5.75447G	500k	3
18.95M	5.735625G	5.754575G	18.991M	5.735505G	5.754495G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5785MHz

12/09/2019



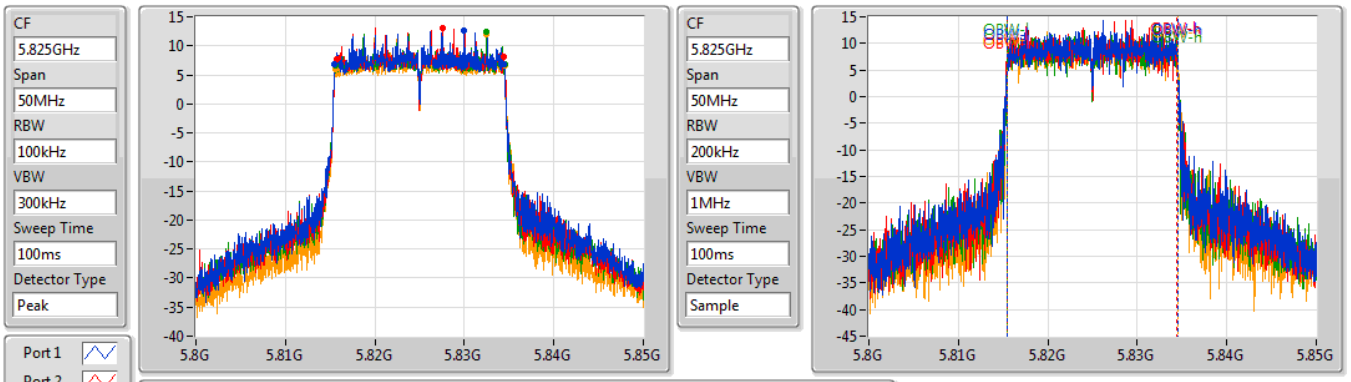
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.575M	5.775775G	5.79435G	18.991M	5.77548G	5.79447G	500k	1
18.75M	5.7757G	5.79445G	18.966M	5.775505G	5.79447G	500k	2
18.9M	5.77555G	5.79445G	18.966M	5.77548G	5.794445G	500k	3
18.95M	5.775525G	5.794475G	18.941M	5.77553G	5.79447G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX

EBW

5825MHz

12/09/2019



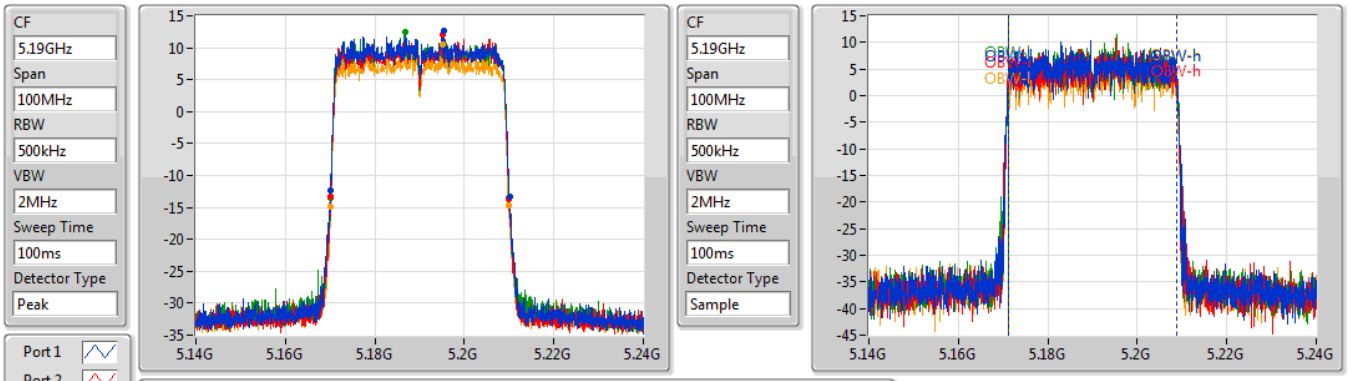
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.815525G	5.834425G	18.991M	5.815505G	5.834495G	500k	1
18.775M	5.815675G	5.83445G	18.991M	5.81548G	5.83447G	500k	2
18.875M	5.8156G	5.834475G	18.991M	5.815505G	5.834495G	500k	3
18.85M	5.815625G	5.834475G	19.015M	5.815505G	5.83452G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5190MHz

12/09/2019



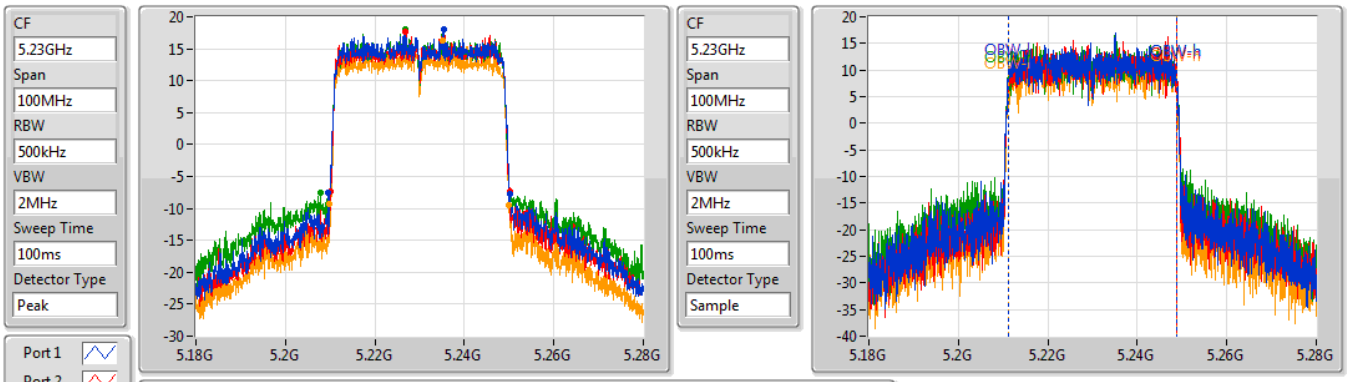
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.1M	5.17G	5.2101G	37.531M	5.171259G	5.208791G	Inf	1
39.85M	5.1701G	5.20995G	37.581M	5.171209G	5.208791G	Inf	2
39.9M	5.1701G	5.21G	37.531M	5.171209G	5.208741G	Inf	3
40.1M	5.16995G	5.21005G	37.531M	5.171259G	5.208791G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5230MHz

12/09/2019



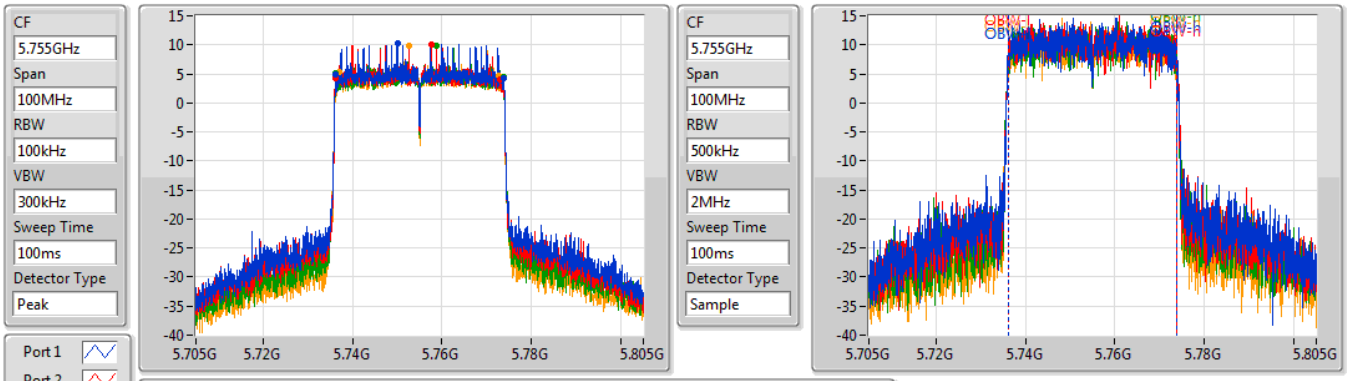
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.6M	5.20955G	5.25015G	37.631M	5.211159G	5.248791G	Inf	1
40.1M	5.21015G	5.25025G	37.581M	5.211209G	5.248791G	Inf	2
42.45M	5.20775G	5.2502G	37.681M	5.211159G	5.248841G	Inf	3
40.05M	5.2099G	5.24995G	37.481M	5.211259G	5.248741G	Inf	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5755MHz

12/09/2019



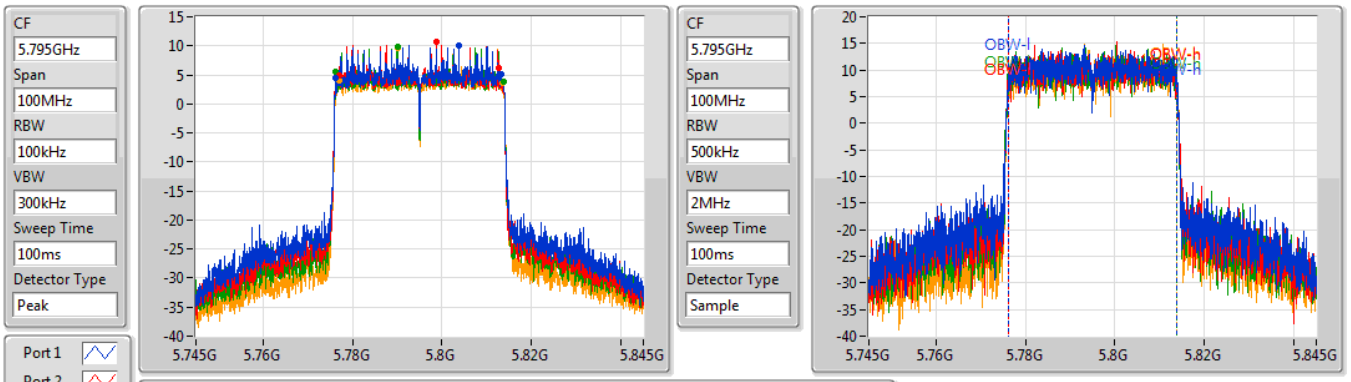
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.55M	5.7362G	5.77375G	37.581M	5.736209G	5.773791G	500k	1
36.75M	5.7362G	5.77295G	37.581M	5.736209G	5.773791G	500k	2
37.5M	5.7362G	5.7737G	37.531M	5.736209G	5.773741G	500k	3
35.6M	5.737G	5.7726G	37.481M	5.736209G	5.773691G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX

EBW

5795MHz

12/09/2019



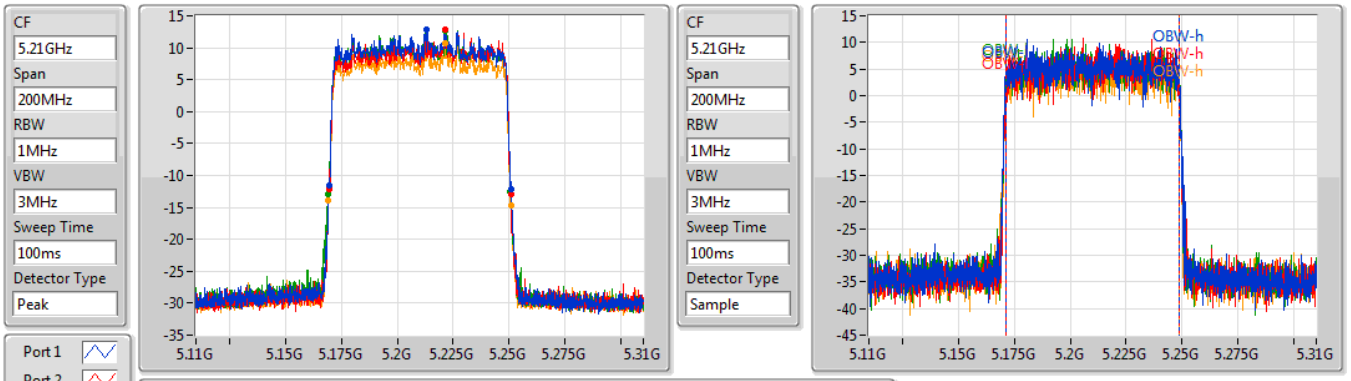
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.05M	5.7762G	5.81325G	37.531M	5.776209G	5.813741G	500k	1
35.65M	5.7769G	5.81255G	37.631M	5.776159G	5.813791G	500k	2
37.5M	5.77625G	5.81375G	37.581M	5.776209G	5.813791G	500k	3
36.55M	5.77695G	5.8135G	37.631M	5.776209G	5.813841G	500k	4

802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5210MHz

12/09/2019



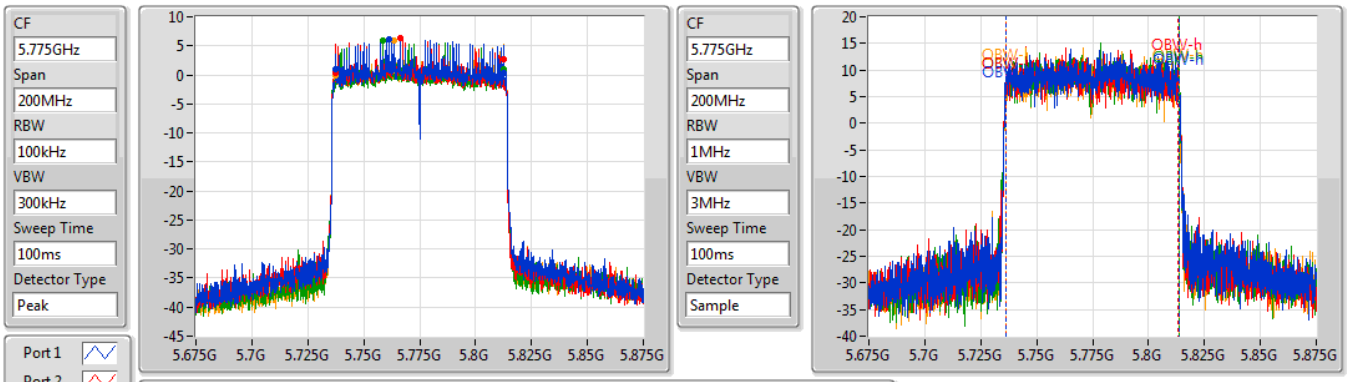
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.2M	5.1696G	5.2508G	77.061M	5.171419G	5.248481G	Inf	1
81.3M	5.1694G	5.2507G	76.962M	5.171519G	5.248481G	Inf	2
81.5M	5.1691G	5.2506G	77.161M	5.171419G	5.248581G	Inf	3
81.4M	5.1693G	5.2507G	77.061M	5.171519G	5.248581G	Inf	4

802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5775MHz

12/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.3M	5.7374G	5.8127G	77.161M	5.736319G	5.813481G	500k	1
75.2M	5.7374G	5.8126G	76.962M	5.736419G	5.813381G	500k	2
75.1M	5.7374G	5.8125G	77.061M	5.736419G	5.813481G	500k	3
75.4M	5.7372G	5.8126G	77.061M	5.736419G	5.813481G	500k	4

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	21.96M	17.811M	17M8D1D	21.48M	17.721M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.01M	19.04M	19M0D1D	21.54M	18.951M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	40.56M	36.282M	36M3D1D	39.78M	36.162M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.26M	37.601M	37M6D1D	39.84M	37.421M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	81.6M	77.121M	77M1D1D	81.12M	76.762M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.6M	77.121M	77M1D1D	81.24M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	17.58M	17.841M	17M8D1D	17.49M	17.751M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.96M	19.07M	19M1D1D	18.75M	18.951M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	37.5M	37.661M	37M7D1D	36M	37.541M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.38M	37.661M	37M7D1D	35.82M	37.541M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	75.36M	75.922M	75M9D1D	75.12M	75.682M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	76.32M	77.121M	77M1D1D	75M	77.001M

Max-N dB = Maximum 6dB down bandwidth; **Max-OBW** = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; **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	21.81M	17.781M	21.78M	17.781M	21.51M	17.781M	21.72M	17.781M
5200MHz	Pass	Inf	21.78M	17.781M	21.96M	17.811M	21.63M	17.781M	21.81M	17.751M
5240MHz	Pass	Inf	21.69M	17.751M	21.48M	17.721M	21.51M	17.781M	21.66M	17.751M
5745MHz	Pass	500k	17.55M	17.781M	17.55M	17.811M	17.58M	17.751M	17.55M	17.811M
5785MHz	Pass	500k	17.55M	17.811M	17.58M	17.781M	17.55M	17.811M	17.55M	17.841M
5825MHz	Pass	500k	17.49M	17.781M	17.55M	17.841M	17.55M	17.781M	17.58M	17.781M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.75M	19.04M	21.57M	19.01M	22.38M	19.01M	21.69M	18.981M
5200MHz	Pass	Inf	22.65M	18.981M	21.57M	18.951M	23.01M	18.981M	22.35M	18.981M
5240MHz	Pass	Inf	22.26M	18.981M	21.54M	19.01M	22.62M	18.981M	22.26M	18.981M
5745MHz	Pass	500k	18.84M	18.981M	18.87M	19.01M	18.96M	18.951M	18.78M	19.04M
5785MHz	Pass	500k	18.9M	18.981M	18.9M	19.01M	18.87M	18.981M	18.75M	19.01M
5825MHz	Pass	500k	18.87M	19.01M	18.93M	19.07M	18.87M	18.981M	18.81M	19.01M
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	36.282M	39.9M	36.222M	40.14M	36.222M	39.84M	36.222M
5230MHz	Pass	Inf	40.26M	36.282M	39.96M	36.162M	40.56M	36.282M	39.78M	36.162M
5755MHz	Pass	500k	37.08M	37.601M	36M	37.661M	36.72M	37.541M	36.3M	37.541M
5795MHz	Pass	500k	36.36M	37.601M	36.72M	37.661M	37.5M	37.541M	36.96M	37.601M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.26M	37.601M	39.9M	37.601M	39.84M	37.541M	40.02M	37.421M
5230MHz	Pass	Inf	40.14M	37.541M	39.96M	37.601M	39.9M	37.601M	40.02M	37.541M
5755MHz	Pass	500k	36.84M	37.541M	37.26M	37.541M	36.78M	37.601M	36.3M	37.601M
5795MHz	Pass	500k	37.38M	37.601M	35.82M	37.661M	37.02M	37.541M	36.54M	37.541M
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.882M	81.12M	76.882M	81.48M	76.762M	81.6M	77.121M
5775MHz	Pass	500k	75.24M	75.802M	75.36M	75.802M	75.12M	75.682M	75.12M	75.922M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.882M	81.48M	77.001M	81.48M	77.001M	81.6M	77.121M
5775MHz	Pass	500k	76.08M	77.121M	76.32M	77.121M	75.24M	77.121M	75M	77.001M

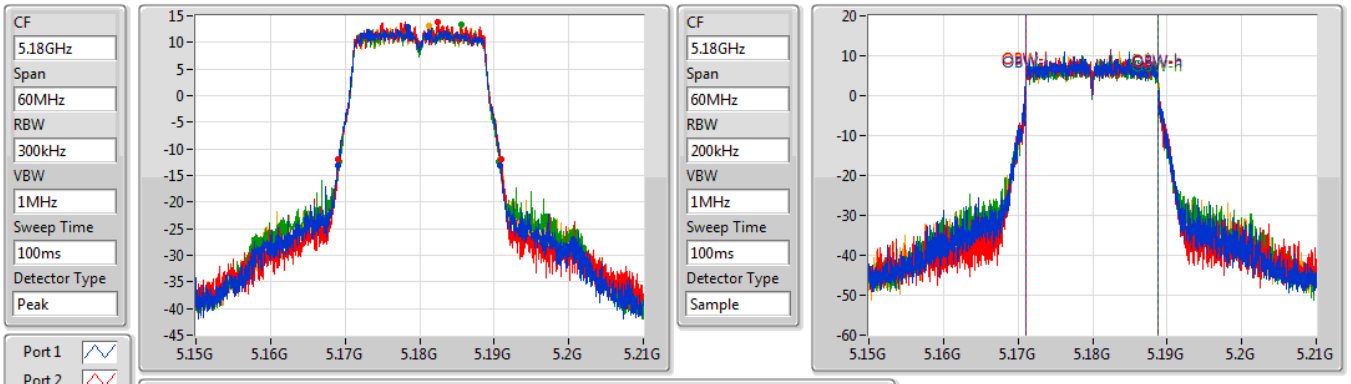
Port X-N dB = Port **X** 6dB down bandwidth; **Port X-OBW** = Port **X** 99% occupied bandwidth;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5180MHz

19/09/2019



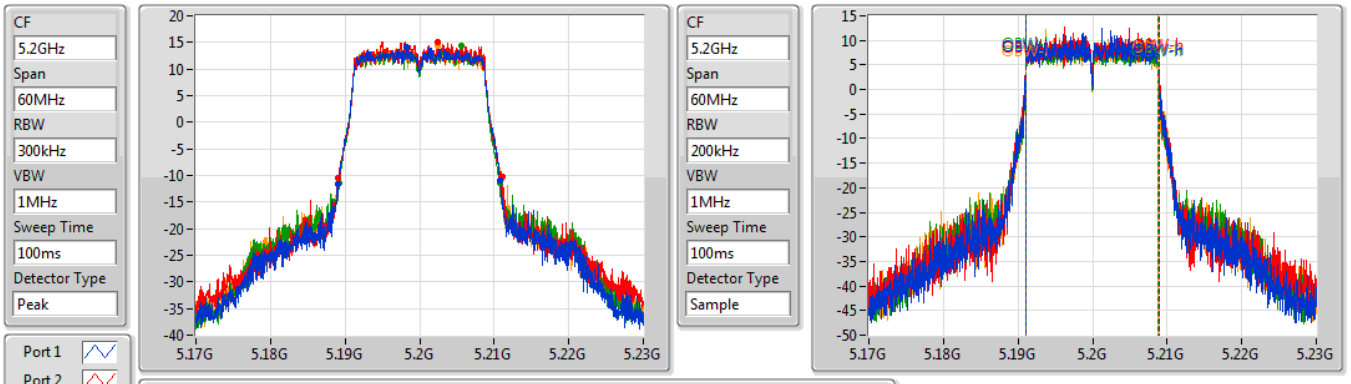
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.81M	5.16905G	5.19086G	17.781M	5.171064G	5.188846G	Inf	1
21.78M	5.16911G	5.19089G	17.781M	5.171064G	5.188846G	Inf	2
21.51M	5.16917G	5.19068G	17.781M	5.171064G	5.188846G	Inf	3
21.72M	5.16914G	5.19086G	17.781M	5.171064G	5.188846G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5200MHz

19/09/2019



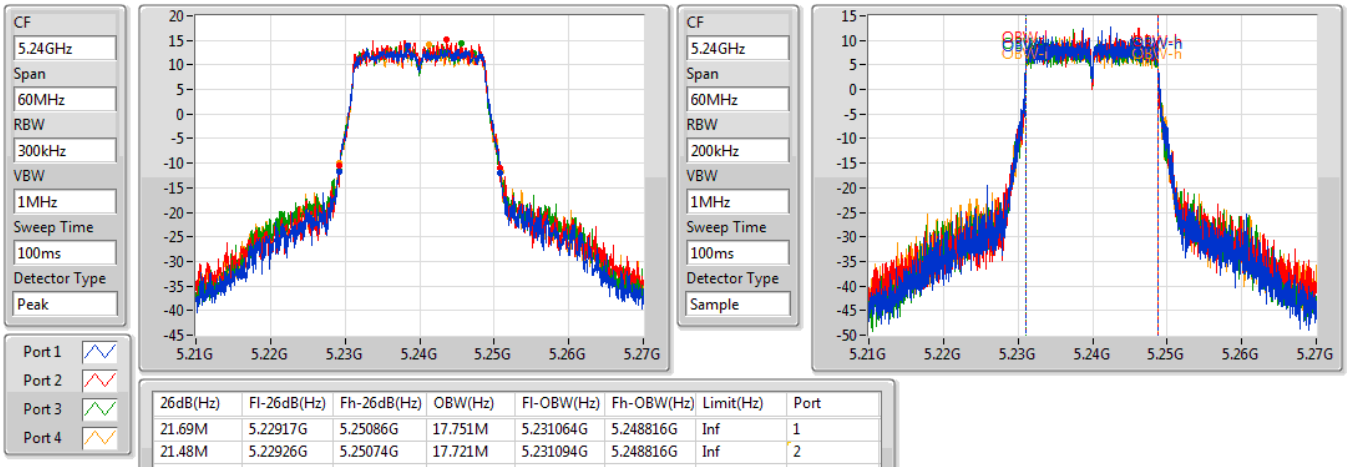
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.18905G	5.21083G	17.781M	5.191094G	5.208876G	Inf	1
21.96M	5.18908G	5.21104G	17.811M	5.191064G	5.208876G	Inf	2
21.63M	5.18917G	5.2108G	17.781M	5.191064G	5.208846G	Inf	3
21.81M	5.18908G	5.21089G	17.751M	5.191064G	5.208816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

19/09/2019



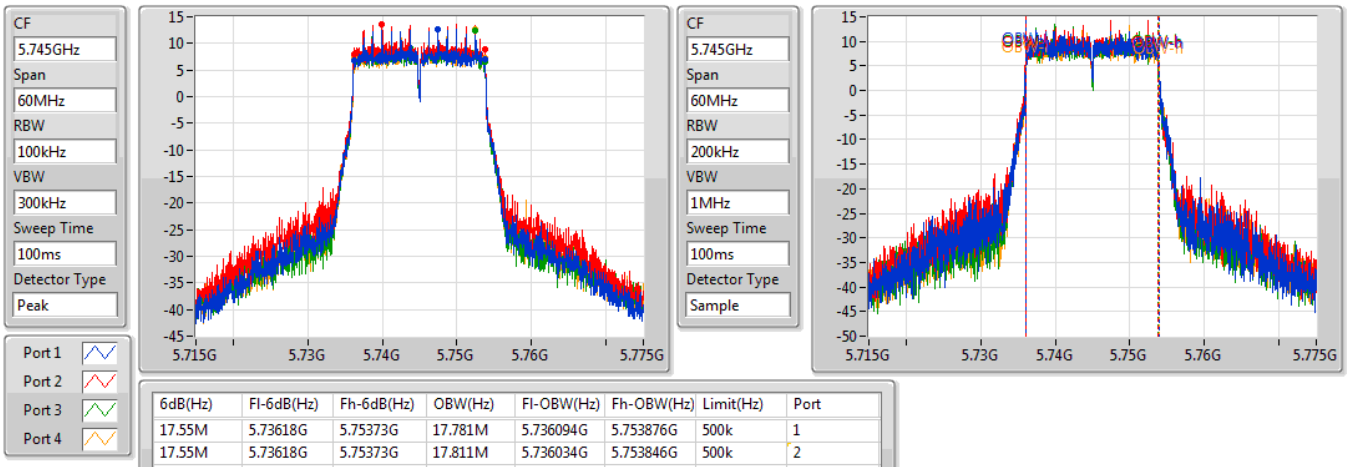
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.69M	5.22917G	5.25086G	17.751M	5.231064G	5.248816G	Inf	1
21.48M	5.22926G	5.25074G	17.721M	5.231094G	5.248816G	Inf	2
21.51M	5.22923G	5.25074G	17.781M	5.231034G	5.248816G	Inf	3
21.66M	5.22923G	5.25089G	17.751M	5.231064G	5.248816G	Inf	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

19/09/2019



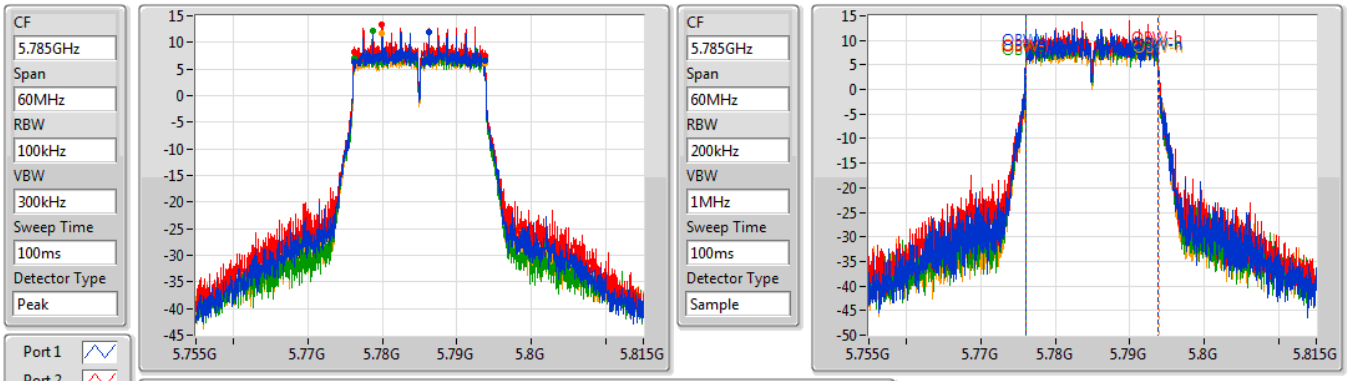
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.73618G	5.75373G	17.781M	5.736094G	5.753876G	500k	1
17.55M	5.73618G	5.75373G	17.811M	5.736034G	5.753846G	500k	2
17.58M	5.73618G	5.75376G	17.751M	5.736064G	5.753816G	500k	3
17.55M	5.73618G	5.75373G	17.811M	5.736064G	5.753876G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

19/09/2019



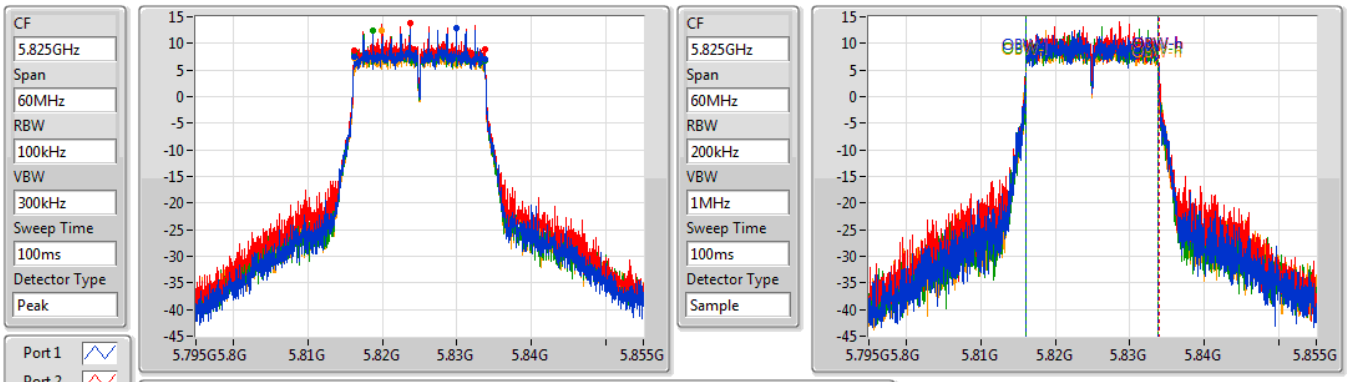
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.77618G	5.79373G	17.811M	5.776034G	5.793846G	500k	1
17.58M	5.77618G	5.79376G	17.781M	5.776034G	5.793816G	500k	2
17.55M	5.77618G	5.79373G	17.811M	5.776034G	5.793846G	500k	3
17.55M	5.77618G	5.79373G	17.841M	5.776034G	5.793876G	500k	4

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

19/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.49M	5.81621G	5.8337G	17.781M	5.816064G	5.833846G	500k	1
17.55M	5.81618G	5.83373G	17.841M	5.816034G	5.833876G	500k	2
17.55M	5.81618G	5.83373G	17.781M	5.816064G	5.833846G	500k	3
17.58M	5.81618G	5.83376G	17.781M	5.816064G	5.833846G	500k	4

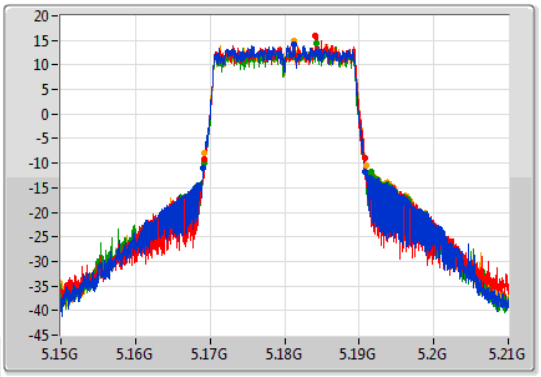
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

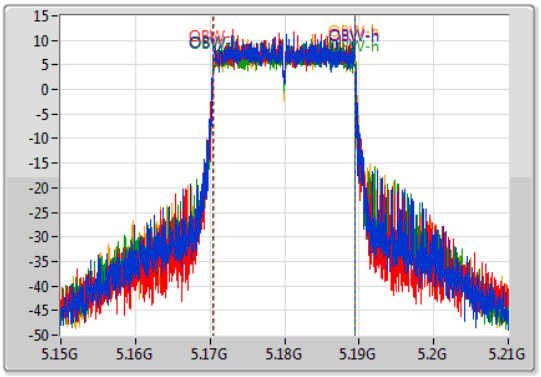
5180MHz

19/09/2019

CF	5.18GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.18GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.75M	5.16911G	5.19086G	19.04M	5.170405G	5.189445G	Inf	1
21.57M	5.16923G	5.1908G	19.01M	5.170435G	5.189445G	Inf	2
22.38M	5.1692G	5.19158G	19.01M	5.170435G	5.189445G	Inf	3
21.69M	5.16923G	5.19092G	18.981M	5.170495G	5.189475G	Inf	4

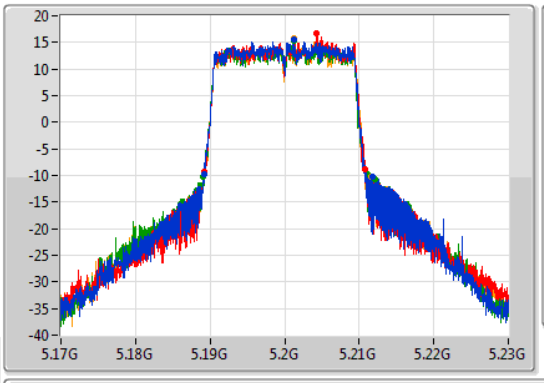
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

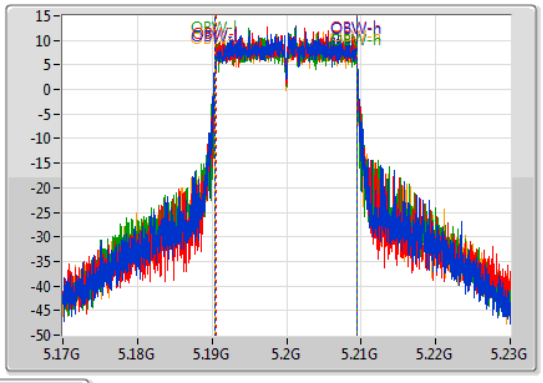
5200MHz

19/09/2019

CF	5.2GHz
Span	60MHz
RBW	300kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Peak



CF	5.2GHz
Span	60MHz
RBW	200kHz
VBW	1MHz
Sweep Time	100ms
Detector Type	Sample



Port 1
Port 2
Port 3
Port 4

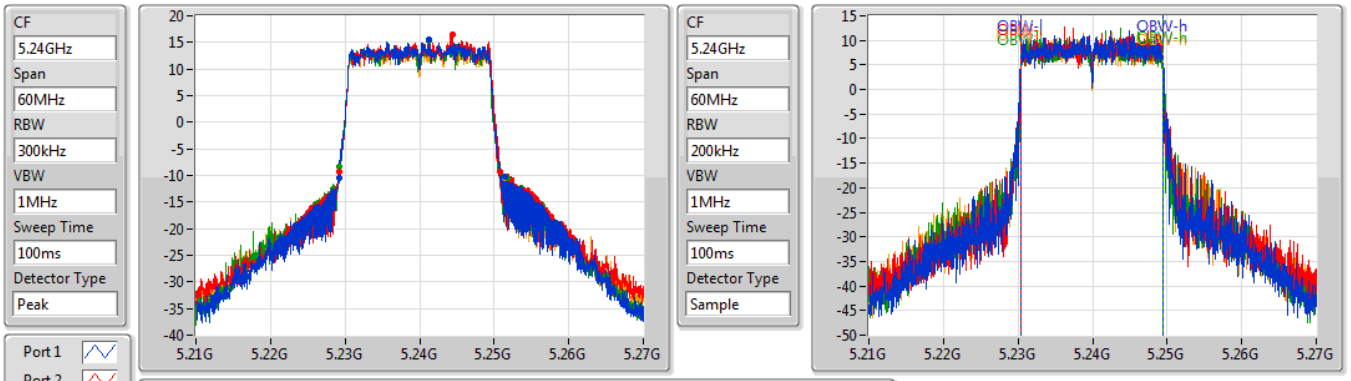
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.65M	5.18917G	5.21182G	18.981M	5.190465G	5.209445G	Inf	1
21.57M	5.18926G	5.21083G	18.951M	5.190495G	5.209445G	Inf	2
23.01M	5.18911G	5.21212G	18.981M	5.190465G	5.209445G	Inf	3
22.35M	5.18923G	5.21158G	18.981M	5.190465G	5.209445G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5240MHz

19/09/2019



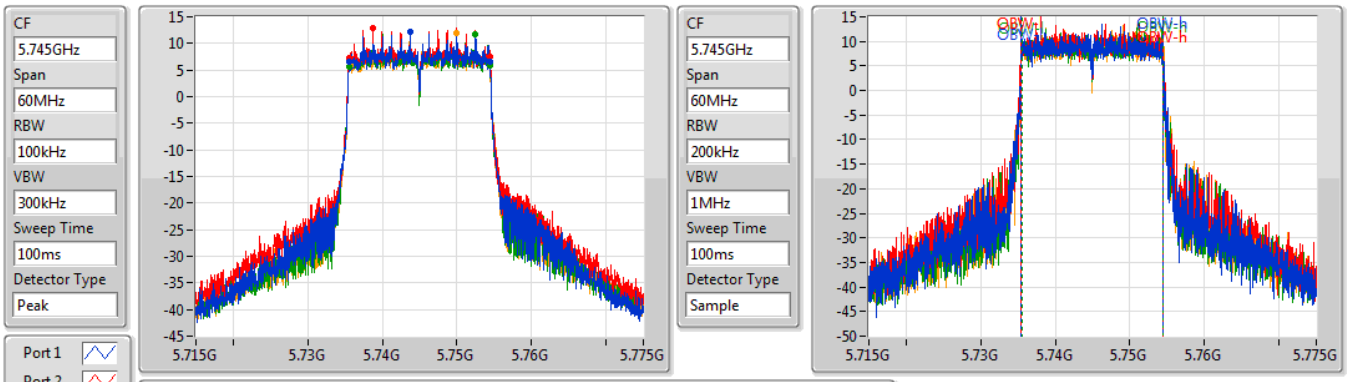
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.26M	5.22914G	5.2514G	18.981M	5.230465G	5.249445G	Inf	1
21.54M	5.22929G	5.25083G	19.01M	5.230435G	5.249445G	Inf	2
22.62M	5.22923G	5.25185G	18.981M	5.230465G	5.249445G	Inf	3
22.26M	5.2292G	5.25146G	18.981M	5.230435G	5.249415G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5745MHz

19/09/2019



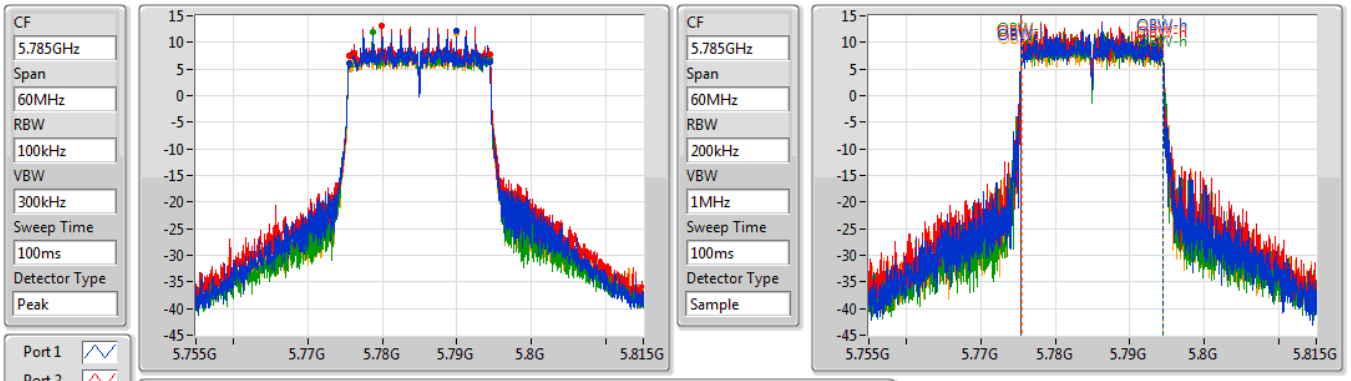
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.84M	5.73558G	5.75442G	18.981M	5.735465G	5.754445G	500k	1
18.87M	5.73555G	5.75442G	19.01M	5.735435G	5.754445G	500k	2
18.96M	5.73549G	5.75445G	18.951M	5.735495G	5.754445G	500k	3
18.78M	5.73567G	5.75445G	19.04M	5.735465G	5.754505G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5785MHz

19/09/2019



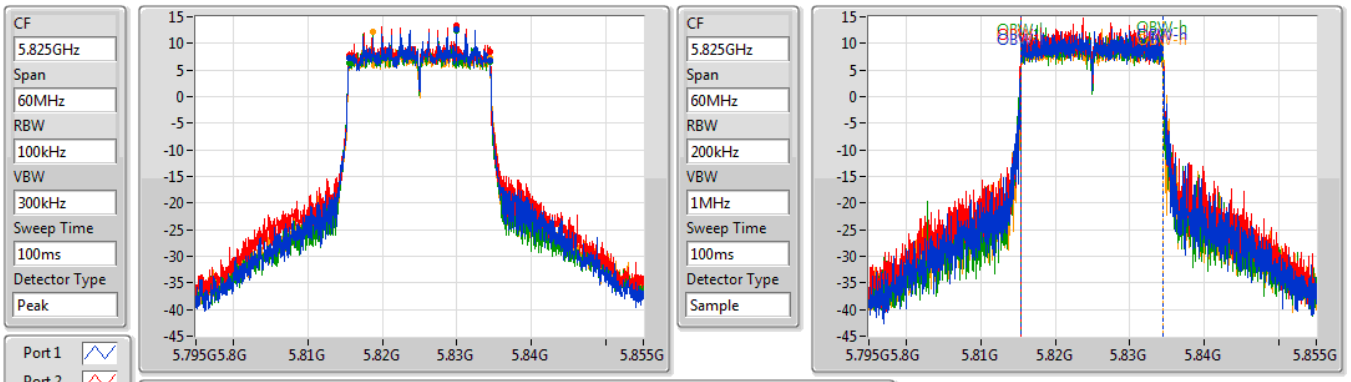
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.9M	5.77549G	5.79439G	18.981M	5.775435G	5.794415G	500k	1
18.9M	5.77552G	5.79442G	19.01M	5.775435G	5.794445G	500k	2
18.87M	5.77552G	5.79439G	18.981M	5.775435G	5.794415G	500k	3
18.75M	5.77567G	5.79442G	19.01M	5.775495G	5.794505G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

5825MHz

19/09/2019



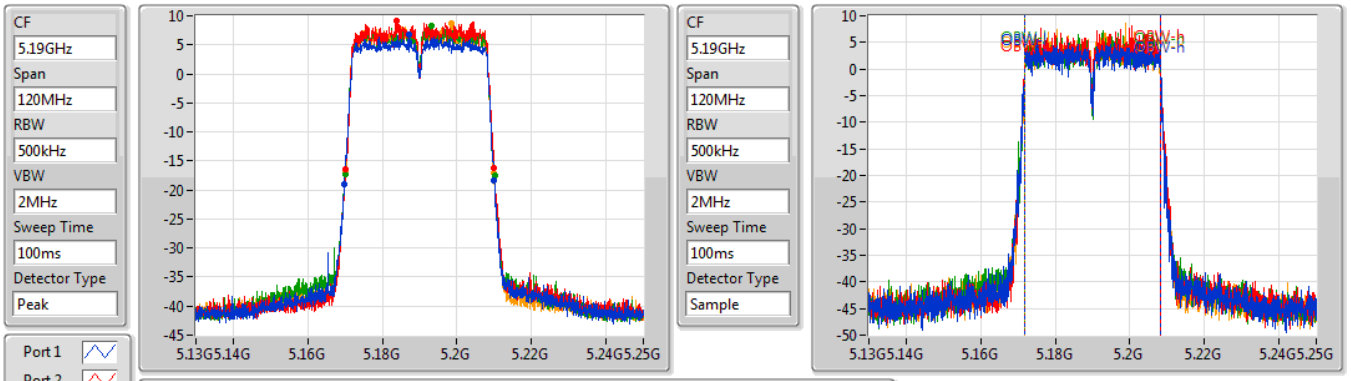
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.81555G	5.83442G	19.01M	5.815435G	5.834445G	500k	1
18.93M	5.81549G	5.83442G	19.07M	5.815405G	5.834475G	500k	2
18.87M	5.81552G	5.83439G	18.981M	5.815435G	5.834415G	500k	3
18.81M	5.81558G	5.83439G	19.01M	5.815465G	5.834475G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

19/09/2019



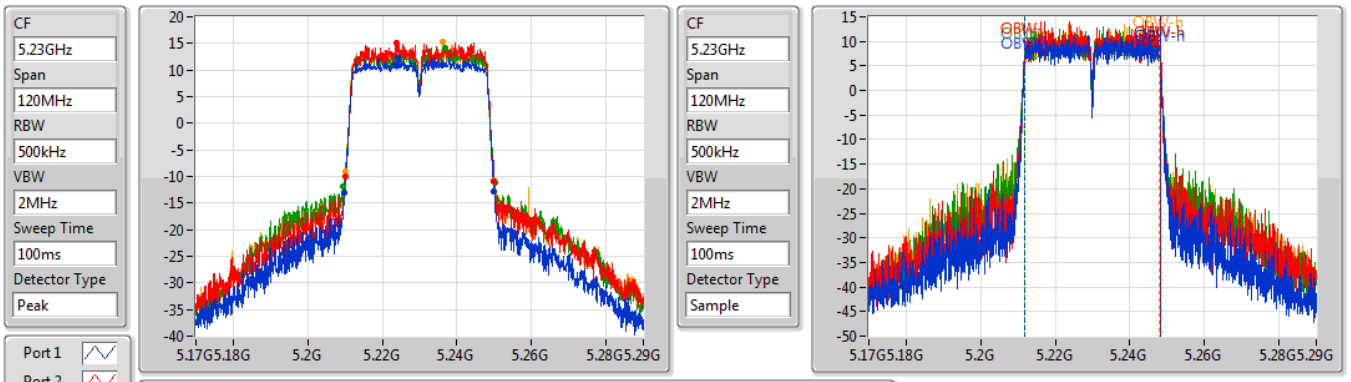
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.16978G	5.21004G	36.282M	5.171829G	5.208111G	Inf	1
39.9M	5.17014G	5.21004G	36.222M	5.171889G	5.208111G	Inf	2
40.14M	5.16996G	5.2101G	36.222M	5.171889G	5.208111G	Inf	3
39.84M	5.17014G	5.20998G	36.222M	5.171829G	5.208051G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

19/09/2019



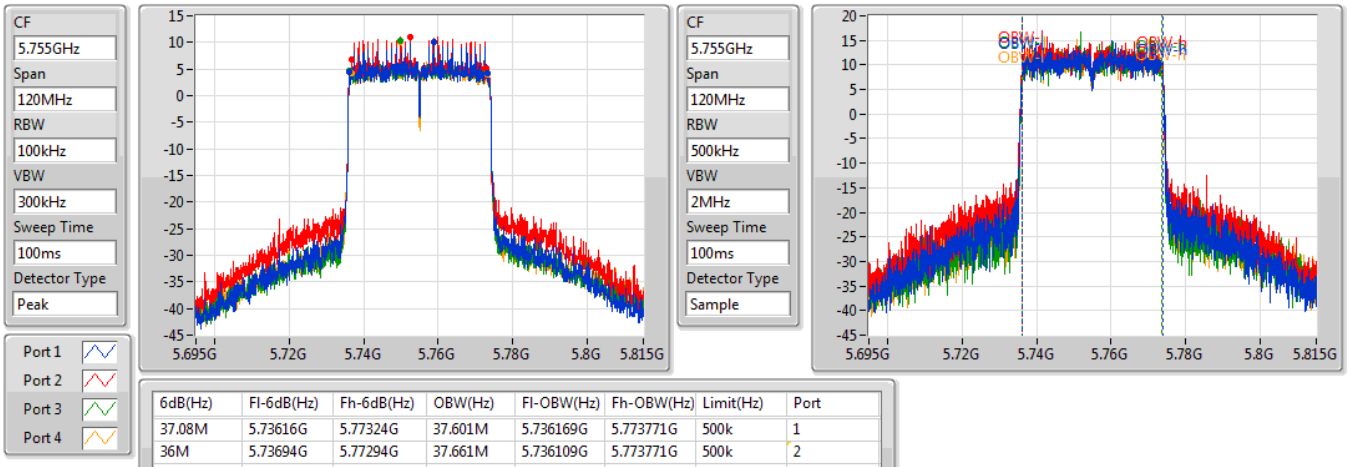
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.20978G	5.25004G	36.282M	5.211769G	5.248051G	Inf	1
39.96M	5.21008G	5.25004G	36.162M	5.211889G	5.248051G	Inf	2
40.56M	5.20954G	5.2501G	36.282M	5.211769G	5.248051G	Inf	3
39.78M	5.21008G	5.24986G	36.162M	5.211829G	5.247991G	Inf	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

19/09/2019



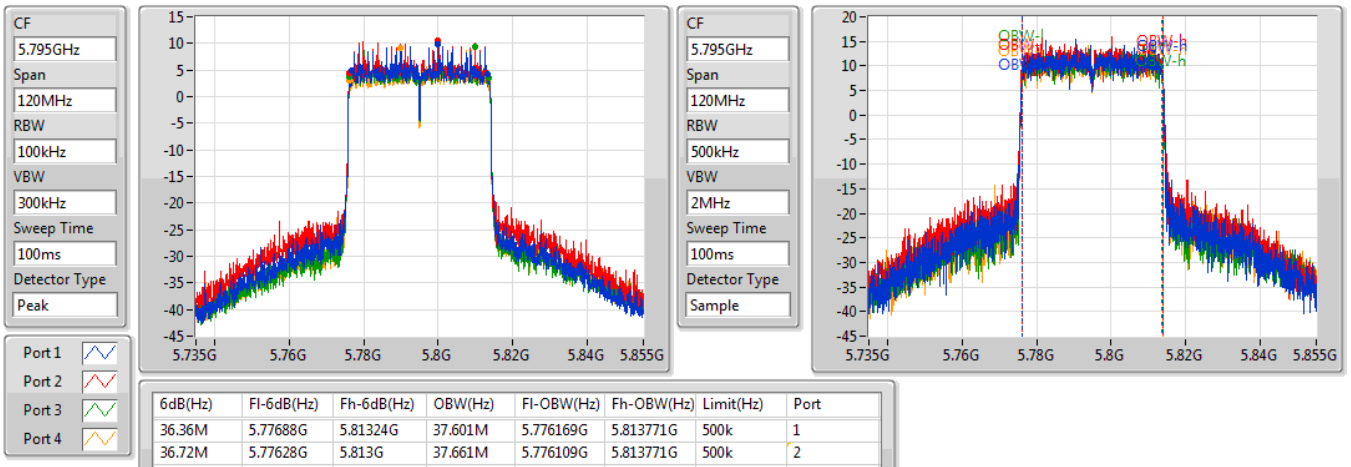
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.08M	5.73616G	5.77324G	37.601M	5.736169G	5.773771G	500k	1
36M	5.73694G	5.77294G	37.661M	5.736109G	5.773771G	500k	2
36.72M	5.73622G	5.77294G	37.541M	5.736169G	5.773711G	500k	3
36.3M	5.73688G	5.77318G	37.541M	5.736169G	5.773711G	500k	4

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

19/09/2019



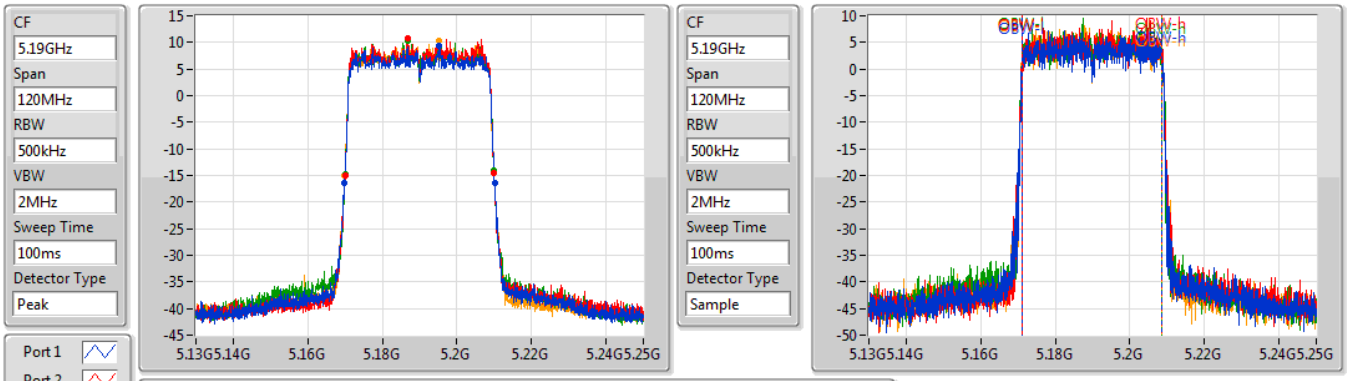
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.36M	5.77688G	5.81324G	37.601M	5.776169G	5.813771G	500k	1
36.72M	5.77628G	5.813G	37.661M	5.776109G	5.813771G	500k	2
37.5M	5.77616G	5.81366G	37.541M	5.776169G	5.813711G	500k	3
36.96M	5.77622G	5.81318G	37.601M	5.776169G	5.813771G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5190MHz

19/09/2019



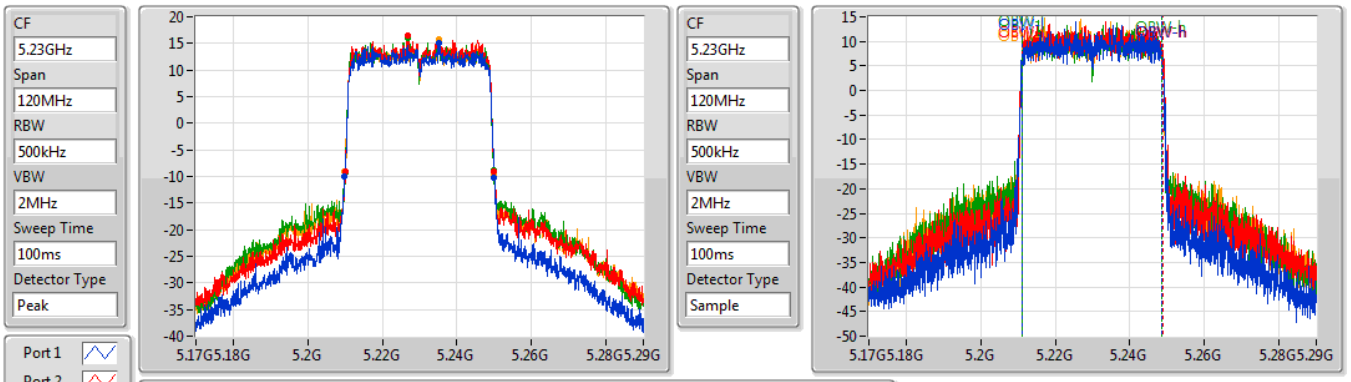
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.26M	5.16984G	5.2101G	37.601M	5.171109G	5.208711G	Inf	1
39.9M	5.17002G	5.20992G	37.601M	5.171109G	5.208711G	Inf	2
39.84M	5.17008G	5.20992G	37.541M	5.171169G	5.208711G	Inf	3
40.02M	5.1699G	5.20992G	37.421M	5.171169G	5.208591G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

19/09/2019

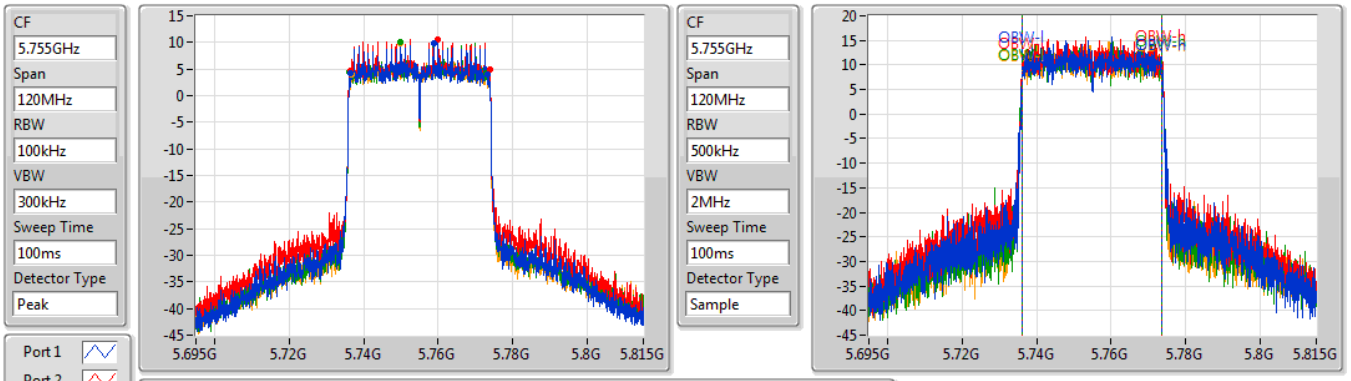


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.2099G	5.25004G	37.541M	5.211169G	5.248711G	Inf	1
39.96M	5.21008G	5.25004G	37.601M	5.211229G	5.248831G	Inf	2
39.9M	5.21002G	5.24992G	37.601M	5.211109G	5.248711G	Inf	3
40.02M	5.2099G	5.24992G	37.541M	5.211169G	5.248711G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

19/09/2019

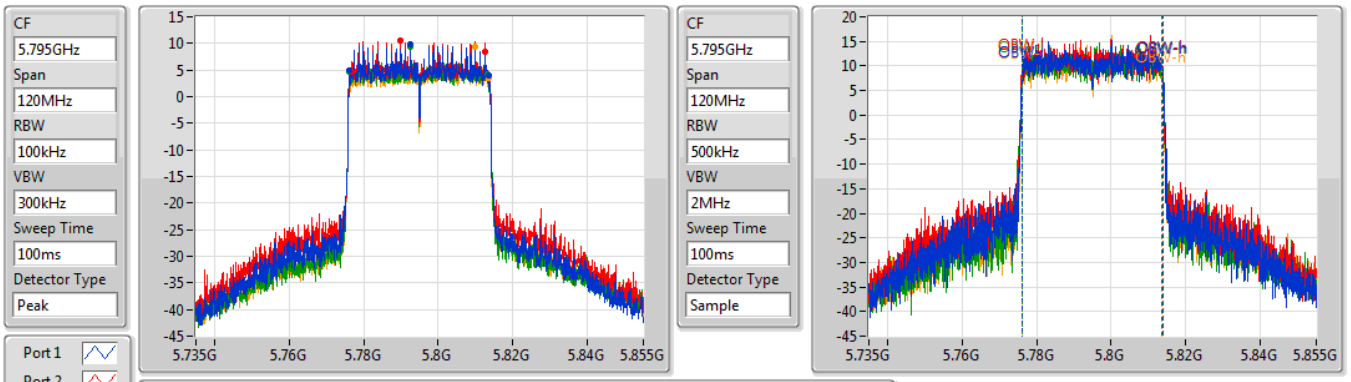


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.84M	5.7364G	5.77324G	37.541M	5.736169G	5.773711G	500k	1
37.26M	5.73646G	5.77372G	37.541M	5.736169G	5.773711G	500k	2
36.78M	5.73616G	5.77294G	37.601M	5.736109G	5.773711G	500k	3
36.3M	5.73688G	5.77318G	37.601M	5.736109G	5.773711G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

19/09/2019



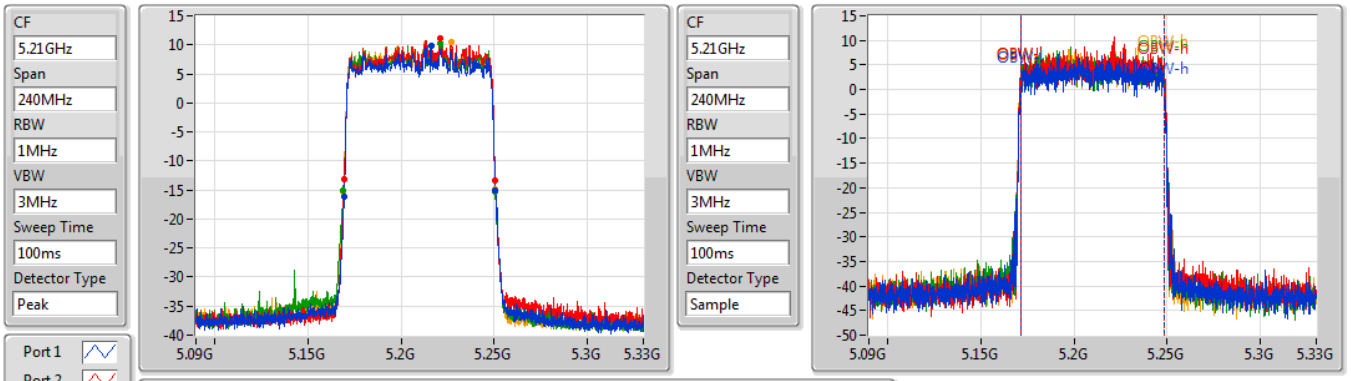
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.38M	5.77616G	5.81354G	37.601M	5.776169G	5.813771G	500k	1
35.82M	5.7767G	5.81252G	37.661M	5.776109G	5.813771G	500k	2
37.02M	5.77616G	5.81318G	37.541M	5.776169G	5.813711G	500k	3
36.54M	5.77694G	5.81348G	37.541M	5.776169G	5.813711G	500k	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5210MHz

19/09/2019



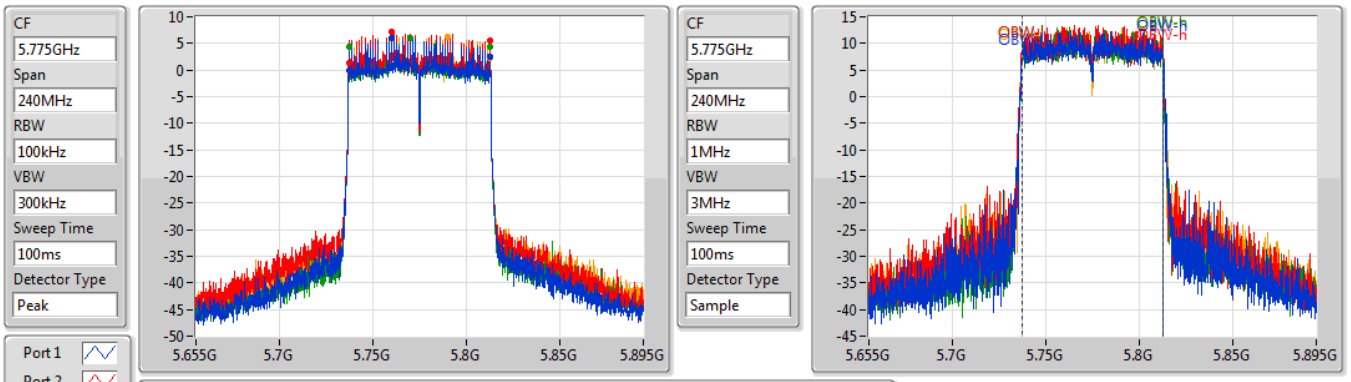
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16944G	5.25068G	76.882M	5.171499G	5.248381G	Inf	1
81.12M	5.16944G	5.25056G	76.882M	5.171619G	5.248501G	Inf	2
81.48M	5.16908G	5.25056G	76.762M	5.171499G	5.248261G	Inf	3
81.6M	5.16908G	5.25068G	77.121M	5.171379G	5.248501G	Inf	4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

19/09/2019

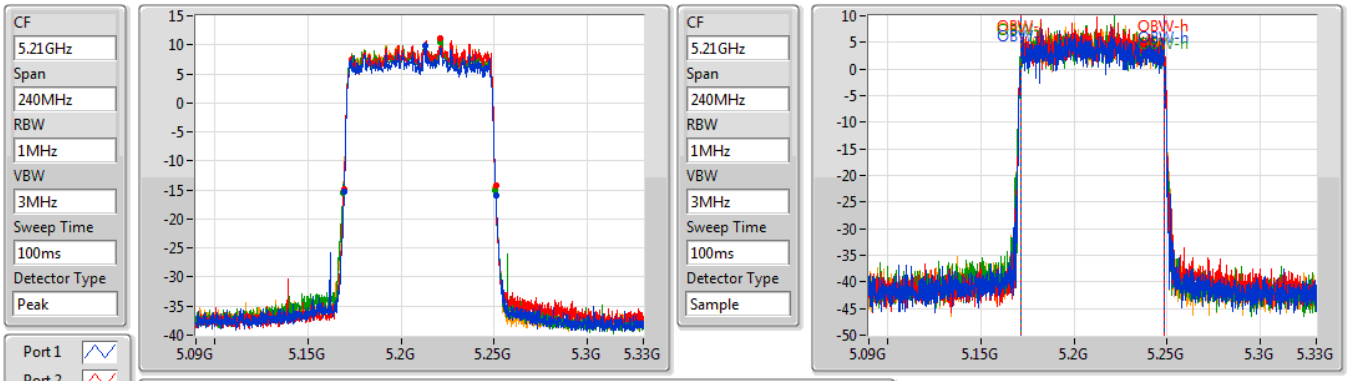


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.24M	5.73732G	5.81256G	75.802M	5.736979G	5.812781G	500k	1
75.36M	5.7372G	5.81256G	75.802M	5.736979G	5.812781G	500k	2
75.12M	5.73744G	5.81256G	75.682M	5.737099G	5.812781G	500k	3
75.12M	5.73744G	5.81256G	75.922M	5.736979G	5.812901G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

19/09/2019

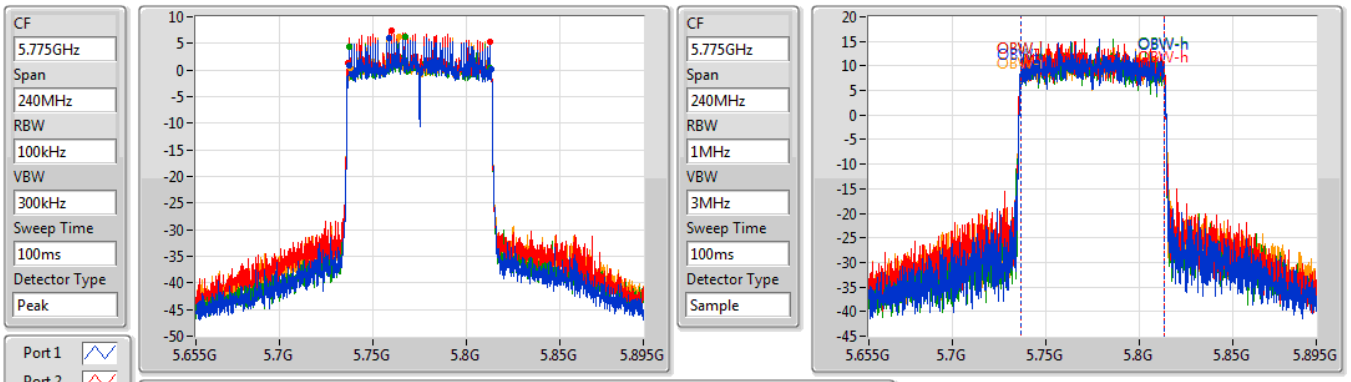


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.24M	5.16956G	5.2508G	76.882M	5.171499G	5.248381G	Inf	1
81.48M	5.16932G	5.2508G	77.001M	5.171619G	5.248621G	Inf	2
81.48M	5.16908G	5.25056G	77.001M	5.171379G	5.248381G	Inf	3
81.6M	5.16908G	5.25068G	77.121M	5.171379G	5.248501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

19/09/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.08M	5.73732G	5.8134G	77.121M	5.736379G	5.813501G	500k	1
76.32M	5.73624G	5.81256G	77.121M	5.736379G	5.813501G	500k	2
75.24M	5.73744G	5.81268G	77.121M	5.736379G	5.813501G	500k	3
75M	5.73768G	5.81268G	77.001M	5.736499G	5.813501G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.70	0.74131
802.11ac VHT20_Nss1,(MCS0)_4TX	28.81	0.76033
802.11ac VHT40_Nss1,(MCS0)_4TX	29.90	0.97724
802.11ac VHT80_Nss1,(MCS0)_4TX	24.70	0.29512
802.11ax HEW20_Nss1,(MCS0)_4TX	28.80	0.75858
802.11ax HEW40_Nss1,(MCS0)_4TX	29.99	0.99770
802.11ax HEW80_Nss1,(MCS0)_4TX	25.01	0.31696
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.96	0.99083
802.11ac VHT20_Nss1,(MCS0)_4TX	29.97	0.99312
802.11ac VHT40_Nss1,(MCS0)_4TX	29.97	0.99312
802.11ac VHT80_Nss1,(MCS0)_4TX	29.23	0.83753
802.11ax HEW20_Nss1,(MCS0)_4TX	29.99	0.99770
802.11ax HEW40_Nss1,(MCS0)_4TX	29.98	0.99541
802.11ax HEW80_Nss1,(MCS0)_4TX	28.75	0.74989

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.00	22.45	22.69	22.51	22.18	28.48	30.00
5200MHz	Pass	5.00	22.69	22.94	22.94	22.11	28.70	30.00
5240MHz	Pass	5.00	22.48	22.64	22.59	22.09	28.48	30.00
5745MHz	Pass	3.90	24.12	24.30	24.03	23.23	29.96	30.00
5785MHz	Pass	3.90	24.11	24.34	23.77	23.42	29.94	30.00
5825MHz	Pass	3.90	23.94	24.29	24.1	23.19	29.92	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.00	22.09	21.83	21.89	21.62	27.88	30.00
5200MHz	Pass	5.00	22.93	22.82	22.64	22.29	28.70	30.00
5240MHz	Pass	5.00	23.07	22.86	22.85	22.36	28.81	30.00
5745MHz	Pass	3.90	24.04	24.05	24.31	23.34	29.97	30.00
5785MHz	Pass	3.90	23.99	23.89	24.15	23.34	29.87	30.00
5825MHz	Pass	3.90	24.03	23.96	24.20	23.33	29.91	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.00	19.13	18.56	18.61	17.07	24.43	30.00
5230MHz	Pass	5.00	24.35	24.07	24.30	22.56	29.90	30.00
5755MHz	Pass	3.90	24.22	24.15	23.85	23.48	29.96	30.00
5795MHz	Pass	3.90	24.28	24.24	23.72	23.51	29.97	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.00	19.17	19.01	19.02	17.26	24.70	30.00
5775MHz	Pass	3.90	23.49	23.46	22.96	22.90	29.23	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.00	22.31	22.03	22.13	21.96	28.13	30.00
5200MHz	Pass	5.00	22.88	22.75	22.99	22.50	28.80	30.00
5240MHz	Pass	5.00	22.74	22.73	22.87	22.58	28.75	30.00
5745MHz	Pass	3.90	24.12	24.01	24.00	23.75	29.99	30.00
5785MHz	Pass	3.90	23.88	24.33	24.09	23.15	29.90	30.00
5825MHz	Pass	3.90	23.92	24.04	24.04	23.35	29.87	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.00	19.37	18.96	19.34	17.43	24.86	30.00
5230MHz	Pass	5.00	24.42	24.17	24.40	22.63	29.99	30.00
5755MHz	Pass	3.90	24.26	24.15	23.80	23.59	29.98	30.00
5795MHz	Pass	3.90	24.20	24.16	23.76	23.41	29.91	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.00	19.53	19.15	19.39	17.63	25.01	30.00
5775MHz	Pass	3.90	22.67	22.82	22.70	22.73	28.75	30.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	28.49	0.70632
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.47	0.70307
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	28.36	0.68549
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.49	0.70632
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.82	0.19143
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.90	0.19498
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	29.71	0.93541
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.76	0.94624
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	29.78	0.95060
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.72	0.93756
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	28.40	0.69183
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	28.67	0.73621

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	7.48	21.42	21.52	20.95	21.15	27.29	28.52
5200MHz	Pass	7.48	22.57	22.75	22.10	22.39	28.48	28.52
5240MHz	Pass	7.48	22.63	22.82	22.21	22.18	28.49	28.52
5745MHz	Pass	6.21	23.45	24.11	23.31	23.28	29.57	29.79
5785MHz	Pass	6.21	23.68	24.35	23.58	23.04	29.71	29.79
5825MHz	Pass	6.21	23.46	24.10	23.58	23.26	29.63	29.79
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.48	21.43	21.74	21.25	21.43	27.49	28.52
5200MHz	Pass	7.48	22.44	22.67	22.36	22.32	28.47	28.52
5240MHz	Pass	7.48	22.64	22.75	22.19	22.13	28.46	28.52
5745MHz	Pass	6.21	23.45	24.30	23.48	23.38	29.69	29.79
5785MHz	Pass	6.21	23.76	24.46	23.53	23.09	29.76	29.79
5825MHz	Pass	6.21	23.51	24.24	23.49	23.30	29.67	29.79
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.48	15.83	16.87	16.34	16.73	22.48	28.52
5230MHz	Pass	7.48	21.66	22.76	22.52	22.34	28.36	28.52
5755MHz	Pass	6.21	23.62	24.31	23.64	23.43	29.78	29.79
5795MHz	Pass	6.21	23.64	24.44	23.42	23.30	29.74	29.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.48	16.34	17.32	17.03	17.06	22.97	28.52
5230MHz	Pass	7.48	21.71	22.86	22.69	22.55	28.49	28.52
5755MHz	Pass	6.21	23.16	24.00	23.55	23.33	29.54	29.79
5795MHz	Pass	6.21	23.58	24.38	23.52	23.23	29.72	29.79
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.48	16.02	17.26	16.83	17.00	22.82	28.52
5775MHz	Pass	6.21	22.10	22.90	22.05	22.40	28.40	29.79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.48	16.14	17.28	16.96	17.05	22.90	28.52
5775MHz	Pass	6.21	22.30	23.17	22.37	22.70	28.67	29.79

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.38
802.11ac VHT20_Nss1,(MCS0)_4TX	15.46
802.11ac VHT40_Nss1,(MCS0)_4TX	14.05
802.11ac VHT80_Nss1,(MCS0)_4TX	5.84
802.11ax HEW20_Nss1,(MCS0)_4TX	15.46
802.11ax HEW40_Nss1,(MCS0)_4TX	14.26
802.11ax HEW80_Nss1,(MCS0)_4TX	5.98
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.43
802.11ac VHT20_Nss1,(MCS0)_4TX	15.23
802.11ac VHT40_Nss1,(MCS0)_4TX	12.26
802.11ac VHT80_Nss1,(MCS0)_4TX	9.07
802.11ax HEW20_Nss1,(MCS0)_4TX	15.36
802.11ax HEW40_Nss1,(MCS0)_4TX	12.48
802.11ax HEW80_Nss1,(MCS0)_4TX	8.55

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

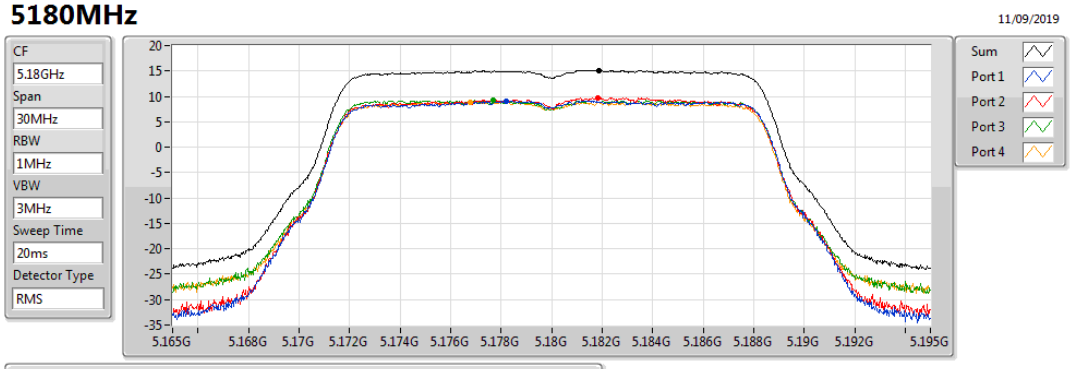
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.48	9.13	9.76	9.25	8.90	15.13	15.52
5200MHz	Pass	7.48	9.50	10.07	9.52	9.02	15.38	15.52
5240MHz	Pass	7.48	9.30	9.73	9.11	8.72	15.06	15.52
5745MHz	Pass	6.21	8.08	7.95	7.70	7.01	13.43	29.79
5785MHz	Pass	6.21	7.99	8.19	7.43	7.28	13.43	29.79
5825MHz	Pass	6.21	7.87	8.30	7.62	6.67	13.39	29.79
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.48	8.79	8.48	8.57	8.34	14.37	15.52
5200MHz	Pass	7.48	9.76	9.61	9.54	9.21	15.36	15.52
5240MHz	Pass	7.48	9.76	9.80	9.76	9.18	15.46	15.52
5745MHz	Pass	6.21	9.35	9.79	9.57	8.99	15.23	29.79
5785MHz	Pass	6.21	9.20	9.45	9.21	8.34	14.95	29.79
5825MHz	Pass	6.21	9.28	9.37	9.37	8.57	15.01	29.79
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.48	3.06	2.74	2.81	0.90	8.27	15.52
5230MHz	Pass	7.48	8.52	8.58	8.65	6.62	14.05	15.52
5755MHz	Pass	6.21	6.65	6.90	6.28	5.98	12.23	29.79
5795MHz	Pass	6.21	6.67	6.81	6.33	6.00	12.26	29.79
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.48	0.50	0.41	0.36	-1.45	5.84	15.52
5775MHz	Pass	6.21	3.27	3.91	2.98	3.03	9.07	29.79
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.48	9.31	8.87	8.94	8.60	14.74	15.52
5200MHz	Pass	7.48	9.67	9.66	9.72	9.32	15.42	15.52
5240MHz	Pass	7.48	9.84	9.75	9.83	9.30	15.46	15.52
5745MHz	Pass	6.21	9.65	9.93	9.72	9.10	15.36	29.79
5785MHz	Pass	6.21	9.08	9.41	8.97	8.17	14.69	29.79
5825MHz	Pass	6.21	9.24	9.25	9.31	8.60	14.99	29.79
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.48	3.44	3.10	3.28	1.39	8.77	15.52
5230MHz	Pass	7.48	8.86	8.67	8.88	7.00	14.26	15.52
5755MHz	Pass	6.21	6.86	7.24	6.59	6.23	12.48	29.79
5795MHz	Pass	6.21	6.82	6.82	6.32	5.91	12.26	29.79
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.48	0.69	0.27	0.78	-1.25	5.98	15.52
5775MHz	Pass	6.21	2.92	2.91	2.53	2.54	8.55	29.79

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

802.11a_Nss1,(6Mbps)_4TX PSD

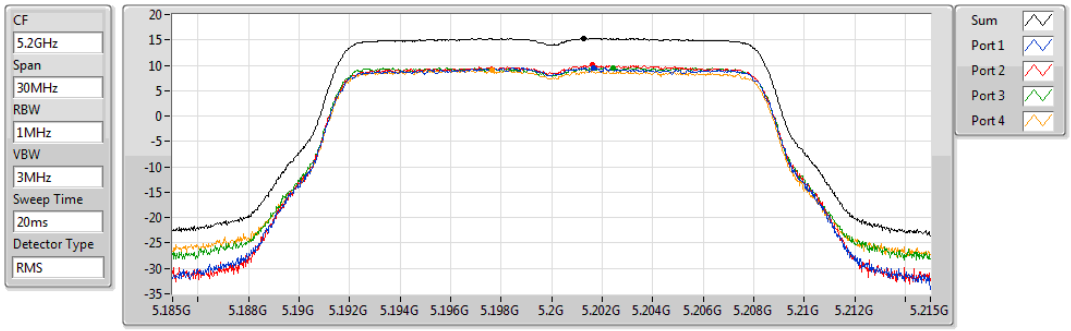
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.13	15.13	9.13	9.76	9.25	8.90

802.11a_Nss1,(6Mbps)_4TX PSD

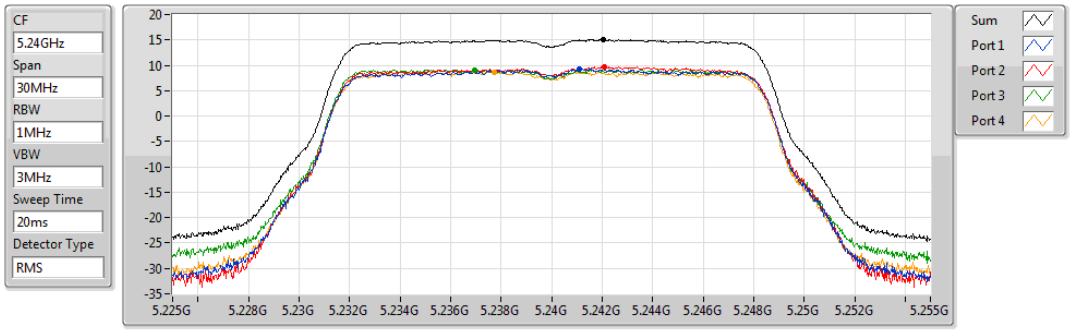
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.38	15.38	9.50	10.07	9.52	9.02

802.11a_Nss1,(6Mbps)_4TX PSD

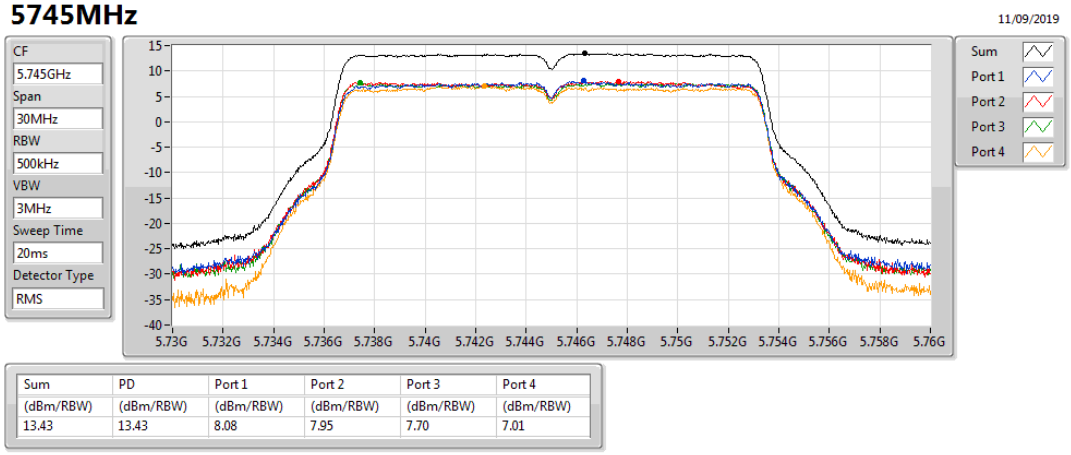
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.06	15.06	9.30	9.73	9.11	8.72

802.11a_Nss1,(6Mbps)_4TX PSD

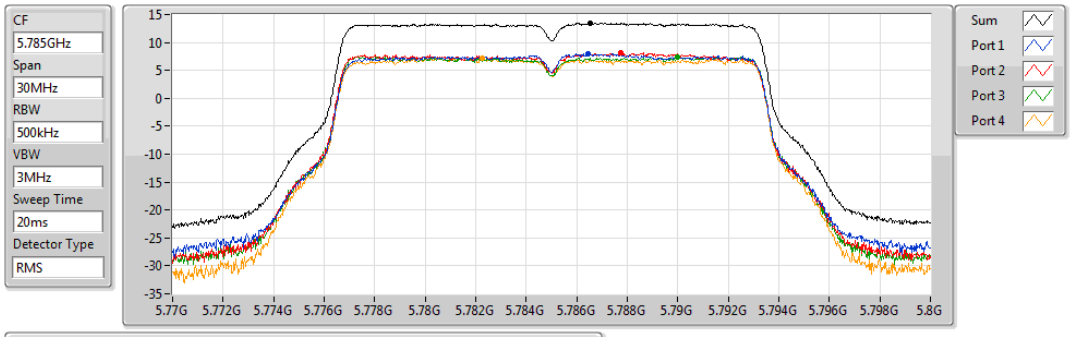
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.43	13.43	8.08	7.95	7.70	7.01

802.11a_Nss1,(6Mbps)_4TX PSD

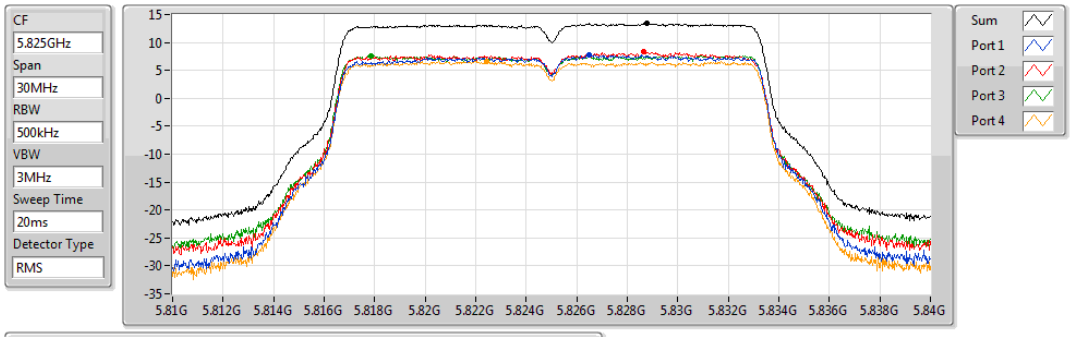
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.43	13.43	7.99	8.19	7.43	7.28

802.11a_Nss1,(6Mbps)_4TX PSD

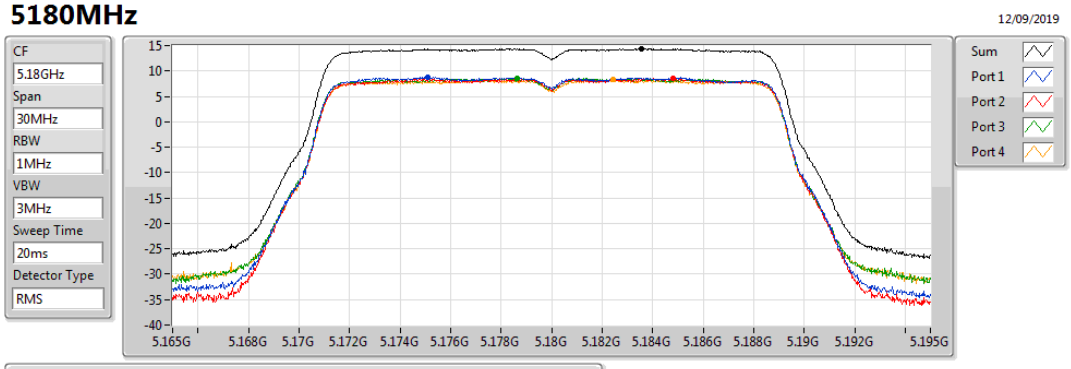
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.39	13.39	7.87	8.30	7.62	6.67

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

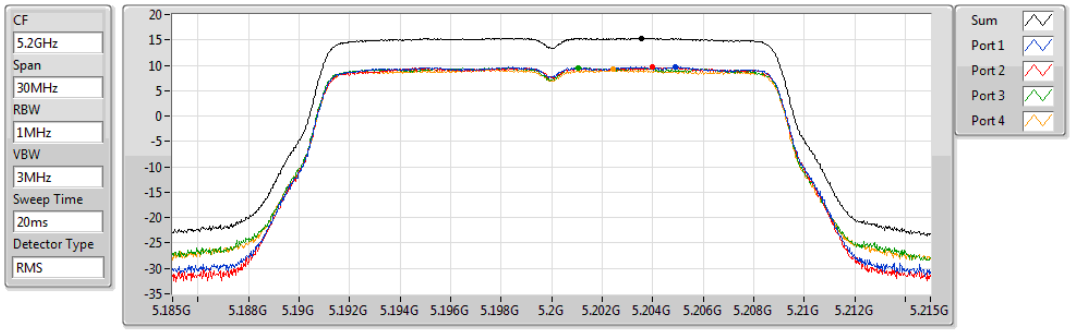
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.37	14.37	8.79	8.48	8.57	8.34

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

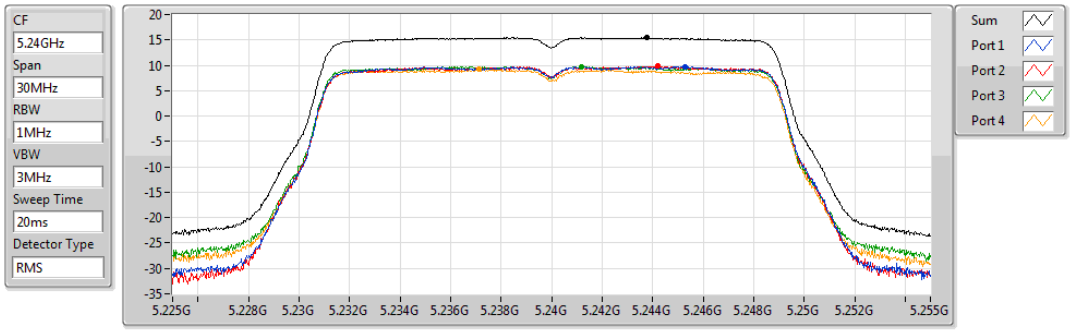
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.36	15.36	9.76	9.61	9.54	9.21

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

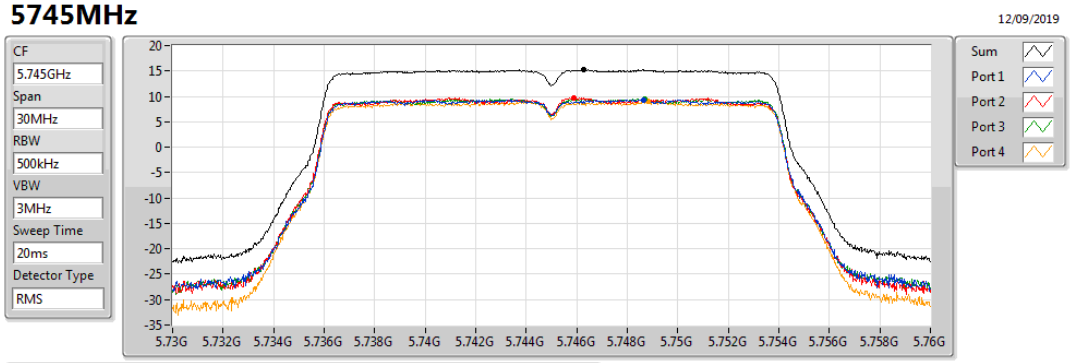
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.46	15.46	9.76	9.80	9.76	9.18

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

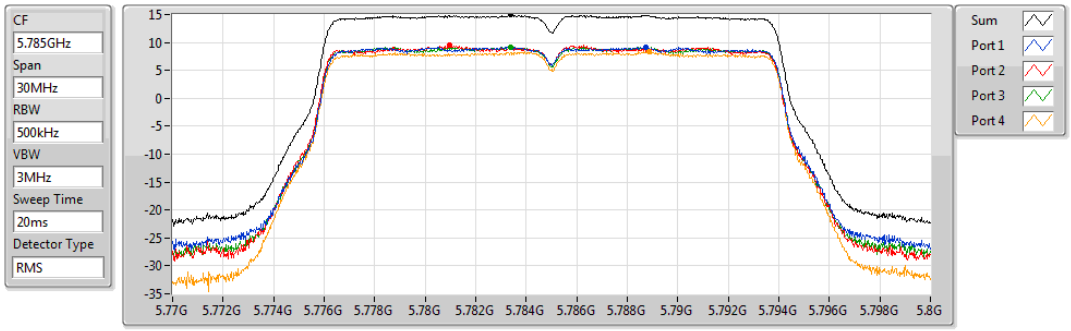
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.23	15.23	9.35	9.79	9.57	8.99

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

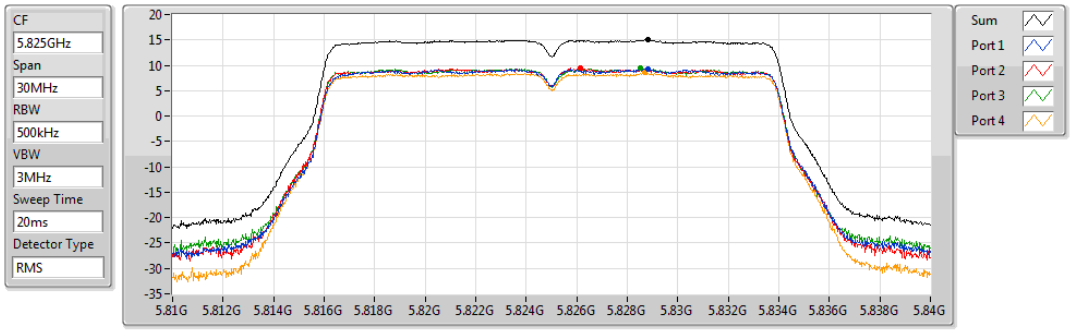
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.95	14.95	9.20	9.45	9.21	8.34

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

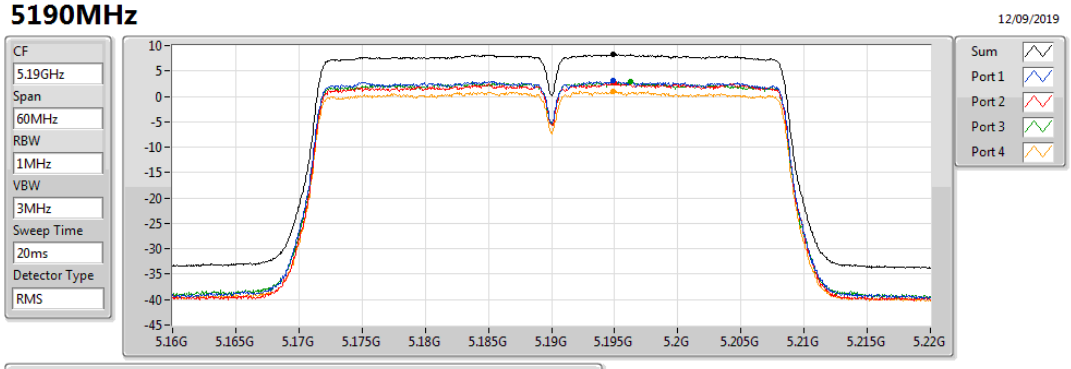
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.01	15.01	9.28	9.37	9.37	8.57

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

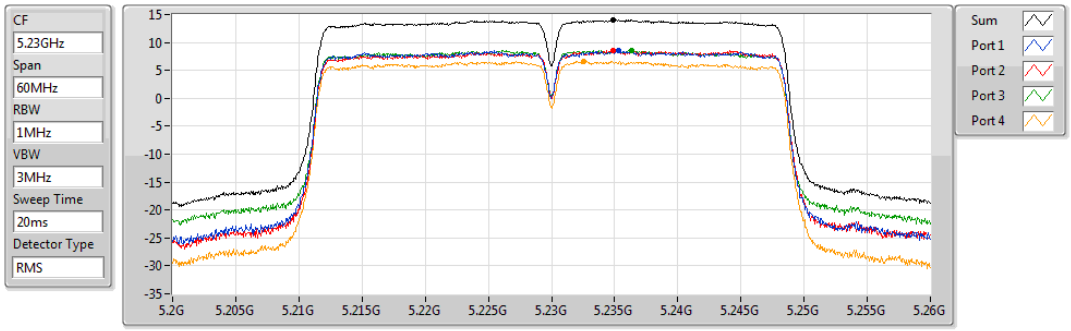
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.27	8.27	3.06	2.74	2.81	0.90

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

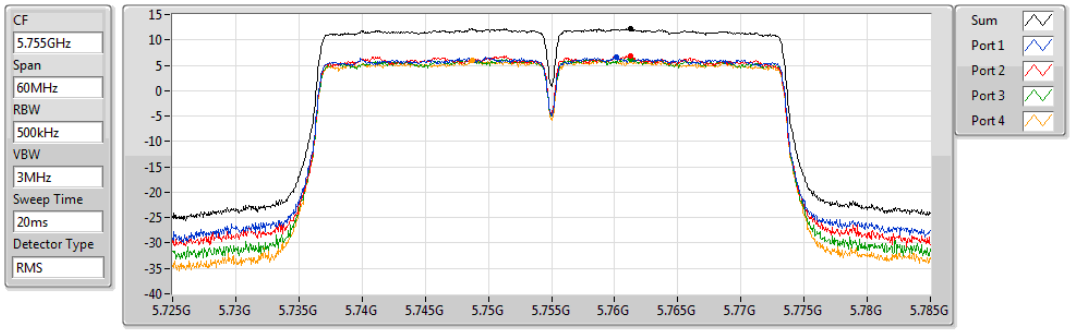
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.05	14.05	8.52	8.58	8.65	6.62

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5755MHz

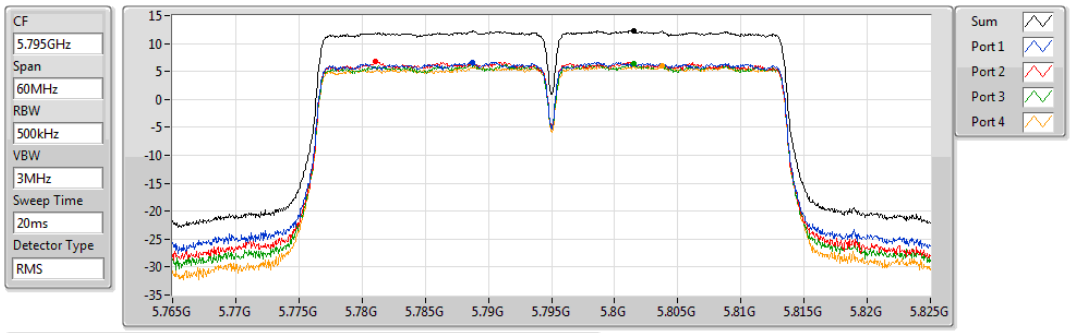


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.23	12.23	6.65	6.90	6.28	5.98

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5795MHz

12/09/2019

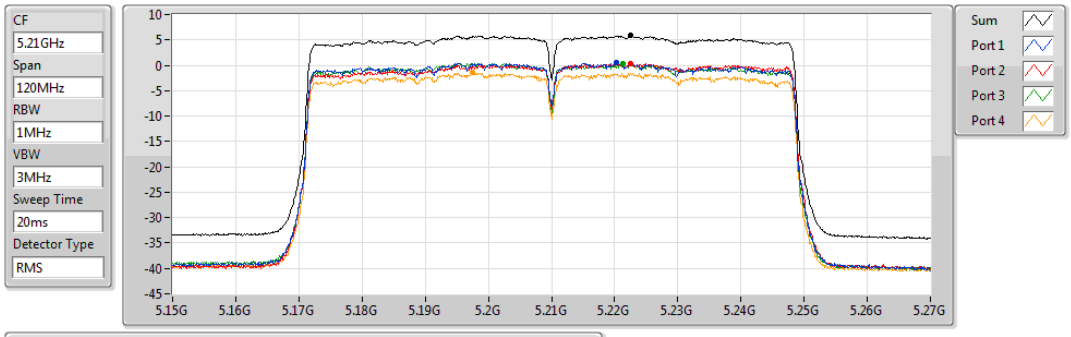


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.26	12.26	6.67	6.81	6.33	6.00

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5210MHz

12/09/2019

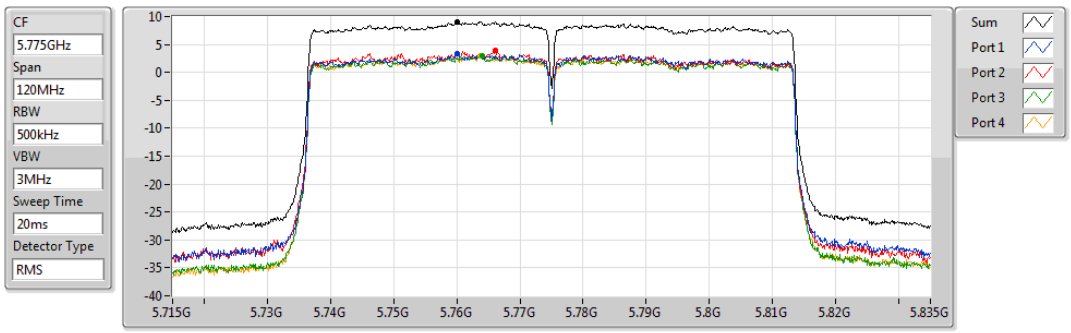


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.84	5.84	0.50	0.41	0.36	-1.45

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5775MHz

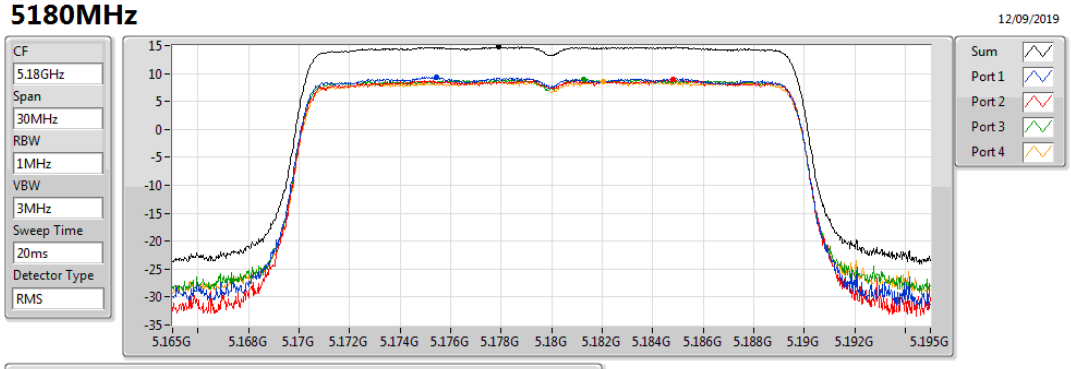
12/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.07	9.07	3.27	3.91	2.98	3.03

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

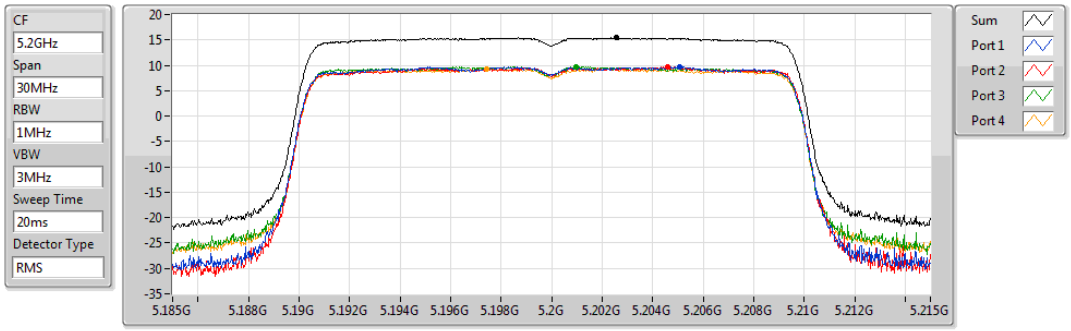
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.74	14.74	9.31	8.87	8.94	8.60

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

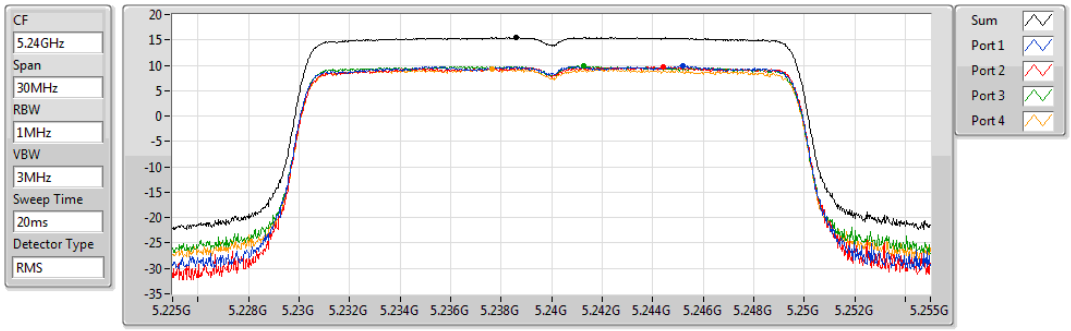
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.42	15.42	9.67	9.66	9.72	9.32

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

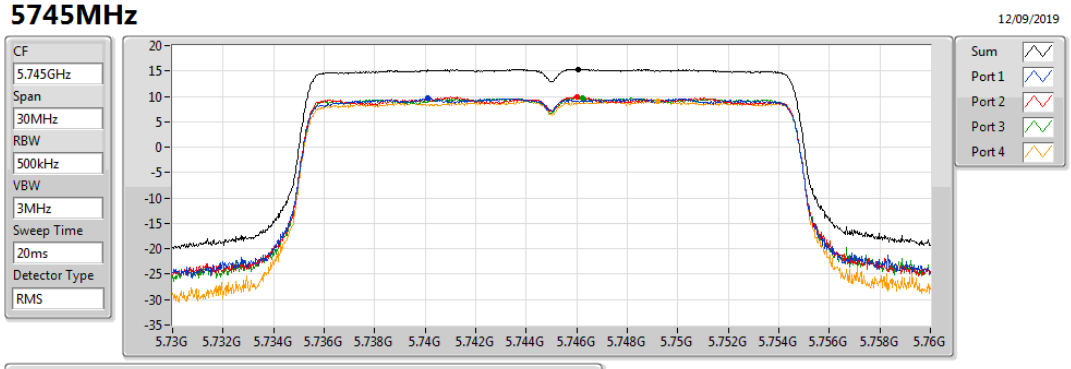
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.46	15.46	9.84	9.75	9.83	9.30

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

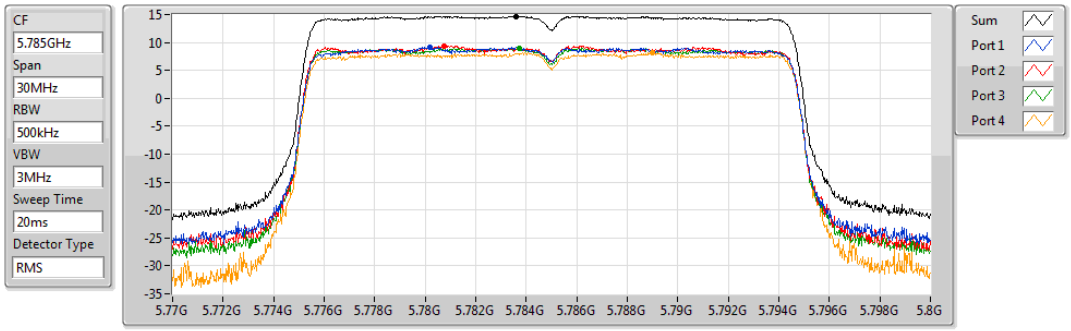
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.36	15.36	9.65	9.93	9.72	9.10

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

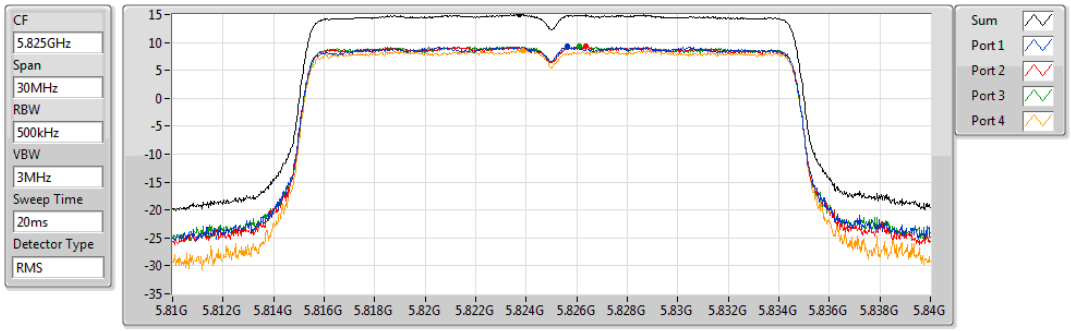
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.69	14.69	9.08	9.41	8.97	8.17

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

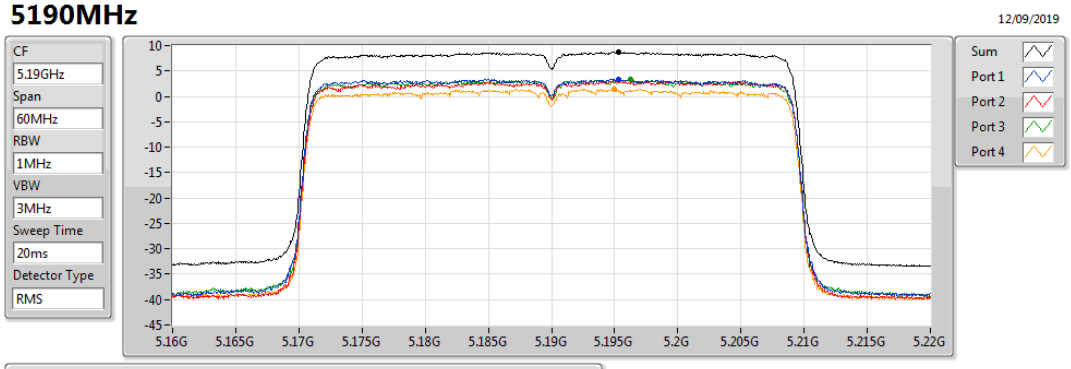
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.99	14.99	9.24	9.25	9.31	8.60

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

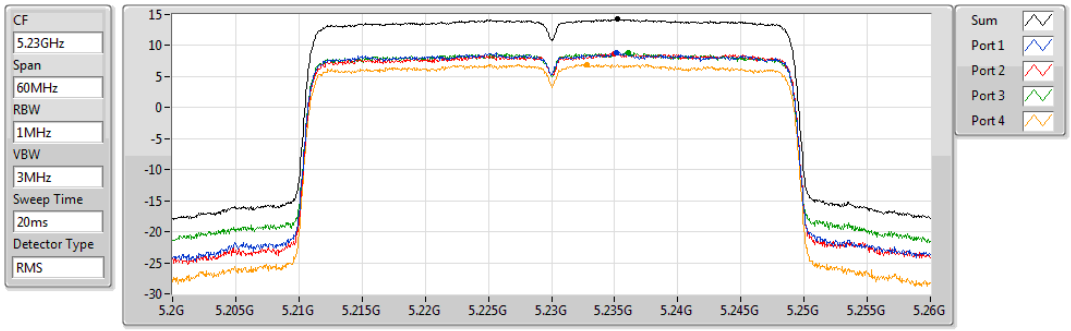
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.77	8.77	3.44	3.10	3.28	1.39

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

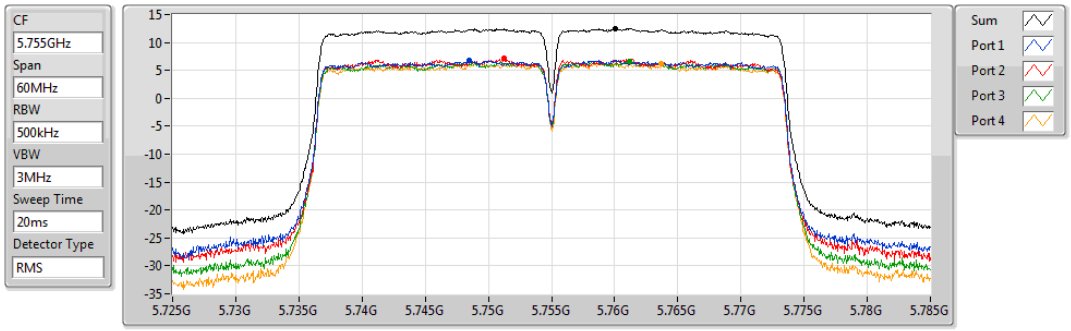
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.26	14.26	8.86	8.67	8.88	7.00

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

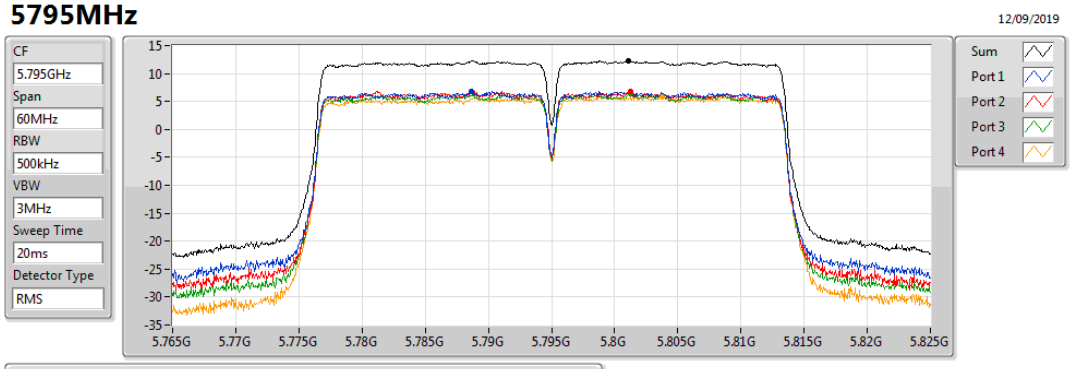
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.48	12.48	6.86	7.24	6.59	6.23

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

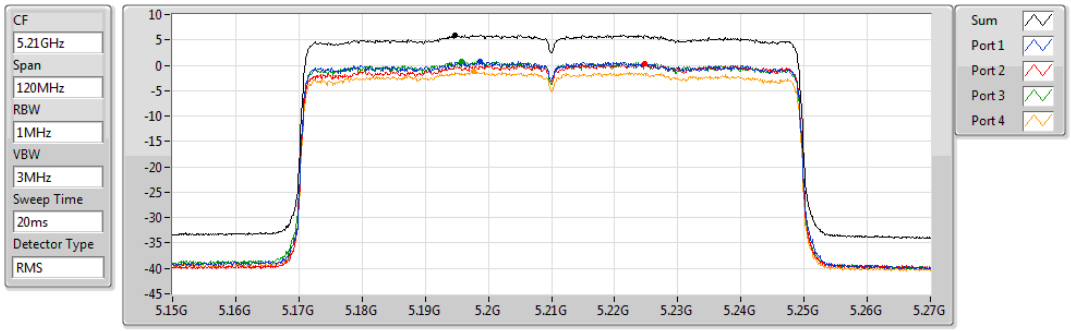
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.26	12.26	6.82	6.82	6.32	5.91

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

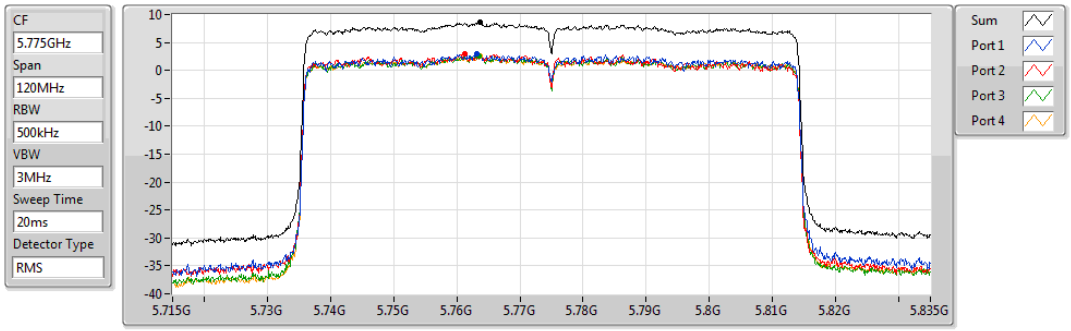
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.98	5.98	0.69	0.27	0.78	-1.25

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	2.92	2.91	2.53	2.54

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	15.29
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.31
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	12.52
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.55
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	3.87
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.10
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	14.95
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	12.22
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.19
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	8.64
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.65

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

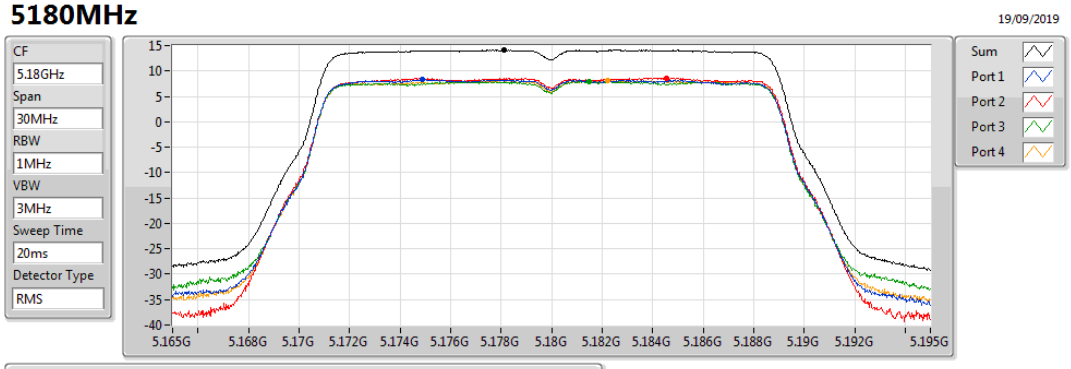
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.48	8.26	8.61	7.90	8.12	14.12	15.52
5200MHz	Pass	7.48	9.45	10.00	9.07	9.22	15.29	15.52
5240MHz	Pass	7.48	9.44	9.99	9.17	9.04	15.28	15.52
5745MHz	Pass	6.21	9.13	9.56	8.70	8.79	14.92	29.79
5785MHz	Pass	6.21	9.06	9.62	8.85	8.16	14.84	29.79
5825MHz	Pass	6.21	9.01	9.63	9.25	8.44	14.95	29.79
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.48	8.65	8.83	8.05	8.32	14.29	15.52
5200MHz	Pass	7.48	9.71	9.81	9.19	9.26	15.31	15.52
5240MHz	Pass	7.48	9.55	10.12	9.31	9.13	15.28	15.52
5745MHz	Pass	6.21	9.07	9.70	8.81	9.01	14.97	29.79
5785MHz	Pass	6.21	9.24	9.68	8.82	8.26	15.00	29.79
5825MHz	Pass	6.21	9.23	9.63	9.02	8.58	14.98	29.79
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.48	-0.11	1.06	0.82	0.96	6.59	15.52
5230MHz	Pass	7.48	5.89	7.00	6.93	6.77	12.52	15.52
5755MHz	Pass	6.21	6.23	6.85	6.22	5.99	12.22	29.79
5795MHz	Pass	6.21	5.90	6.71	5.76	5.36	11.82	29.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.48	0.37	1.58	1.30	1.17	6.99	15.52
5230MHz	Pass	7.48	5.87	7.18	6.89	6.76	12.55	15.52
5755MHz	Pass	6.21	6.33	6.87	6.27	5.94	12.19	29.79
5795MHz	Pass	6.21	6.22	6.92	6.01	5.82	12.09	29.79
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.48	-3.07	-1.55	-1.90	-1.76	3.87	15.52
5775MHz	Pass	6.21	2.49	3.16	2.59	2.71	8.64	29.79
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.48	-2.68	-1.32	-1.71	-1.47	4.10	15.52
5775MHz	Pass	6.21	2.42	3.31	2.57	2.63	8.65	29.79

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

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

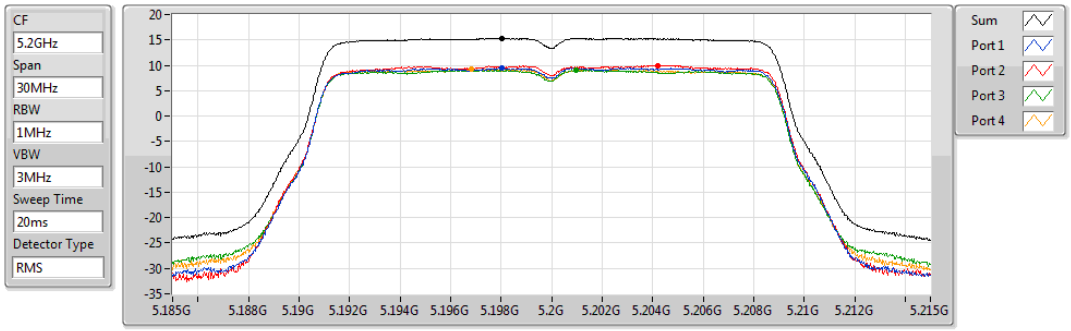
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.12	14.12	8.26	8.61	7.90	8.12

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

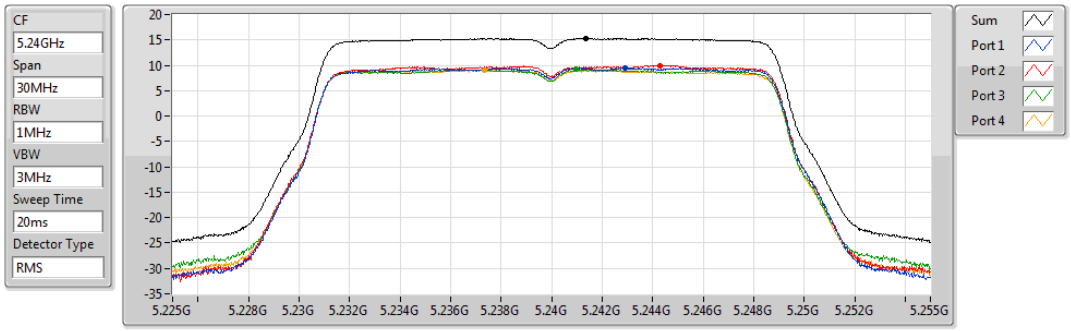
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.29	15.29	9.45	10.00	9.07	9.22

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

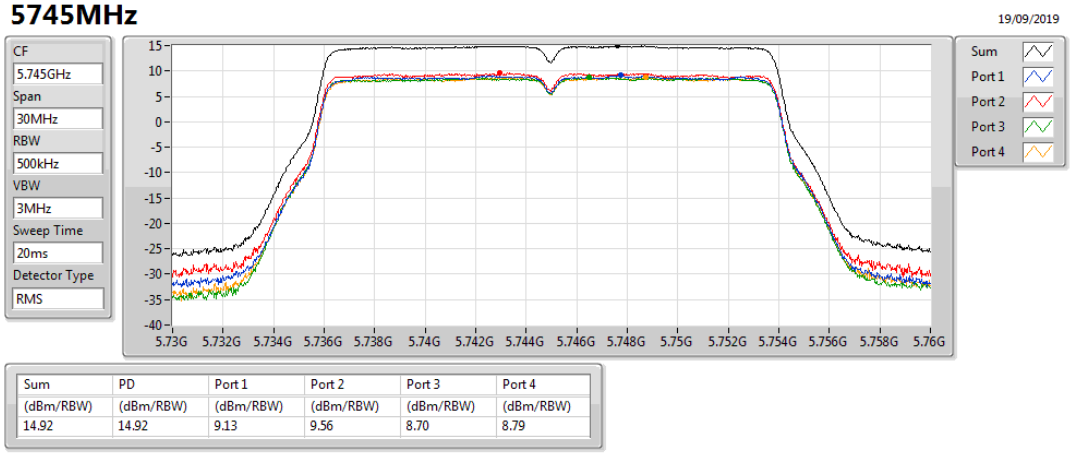
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.28	15.28	9.44	9.99	9.17	9.04

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

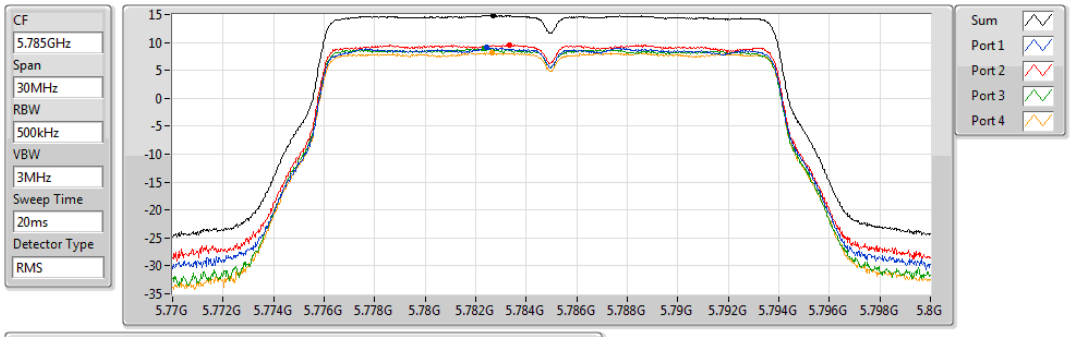
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.92	14.92	9.13	9.56	8.70	8.79

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

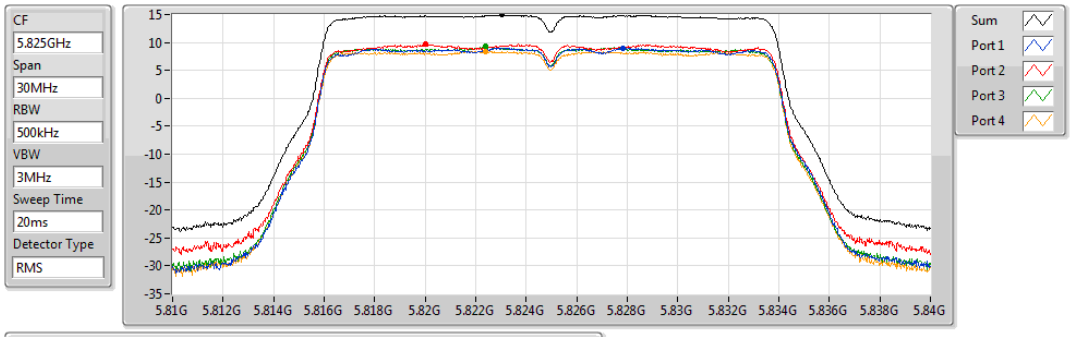
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.84	14.84	9.06	9.62	8.85	8.16

802.11ac VHT20-BF_Nss1,(MCS0)_4TX PSD

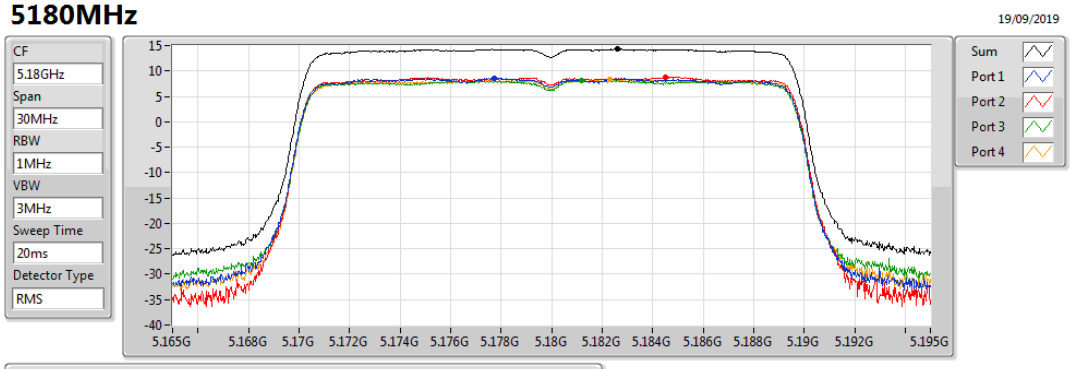
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.95	14.95	9.01	9.63	9.25	8.44

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

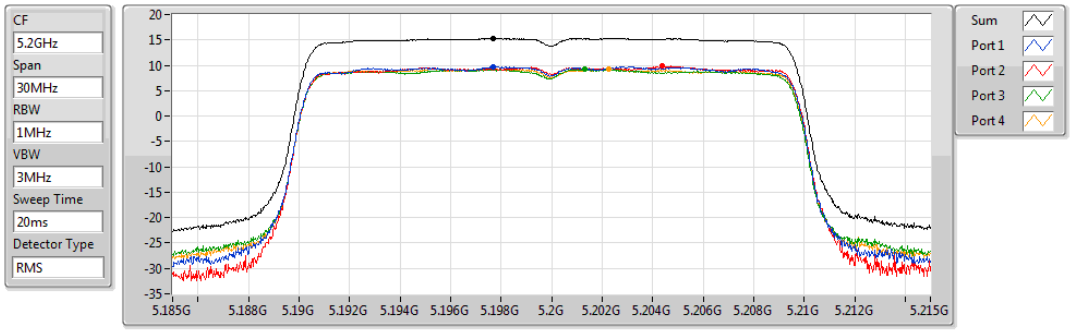
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.29	14.29	8.65	8.83	8.05	8.32

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

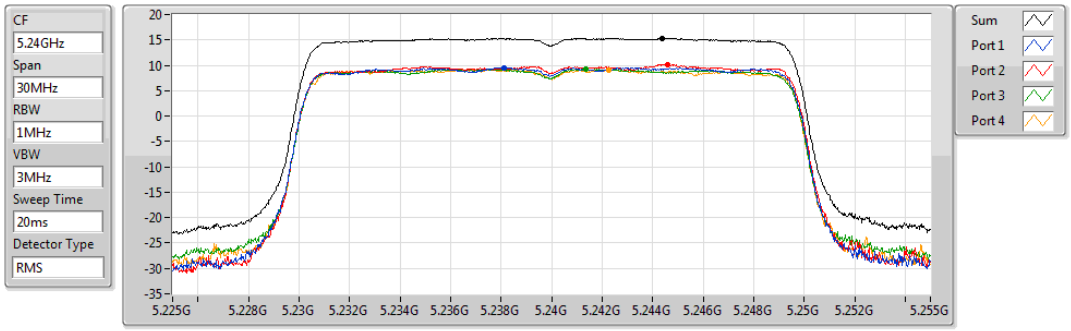
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.31	15.31	9.71	9.81	9.19	9.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

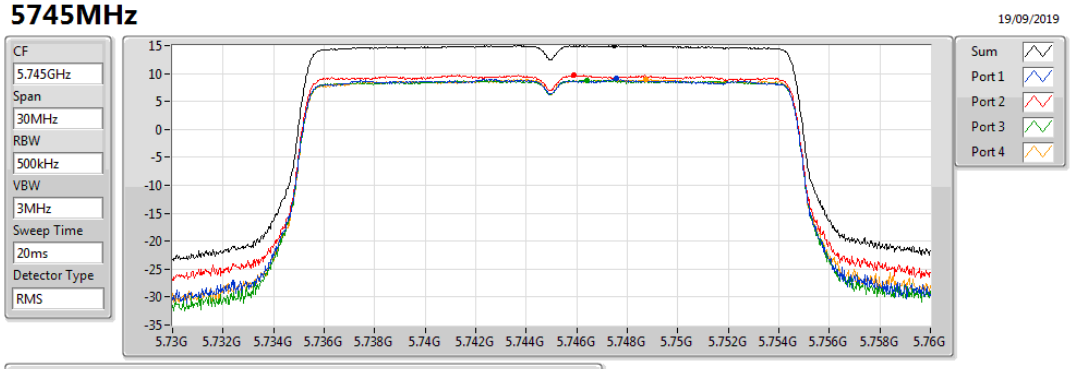
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.28	15.28	9.55	10.12	9.31	9.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

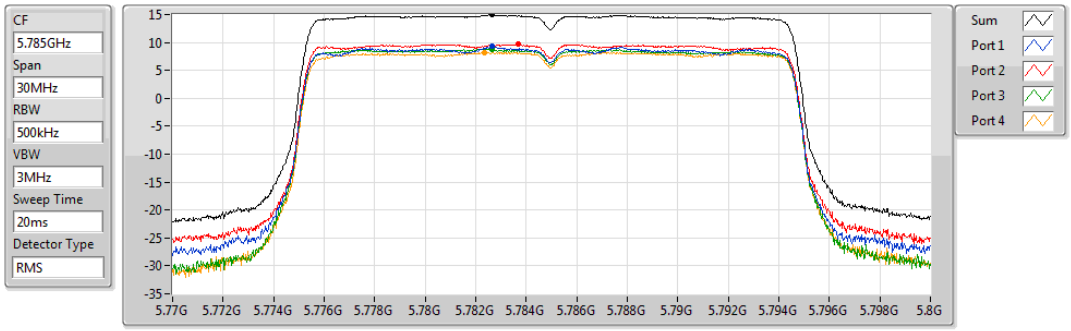
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.97	14.97	9.07	9.70	8.81	9.01

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

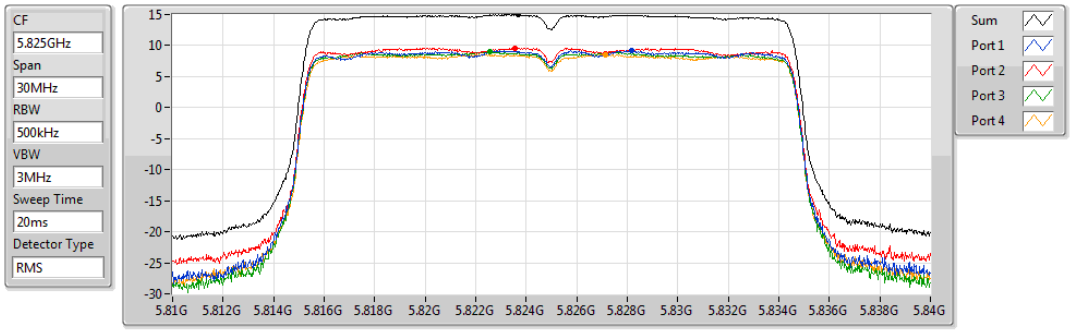
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.00	15.00	9.24	9.68	8.82	8.26

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

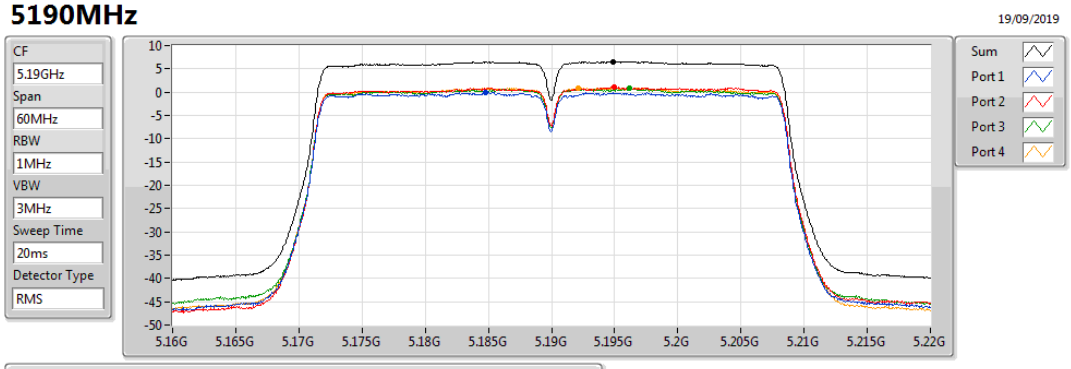
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.98	14.98	9.23	9.63	9.02	8.58

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

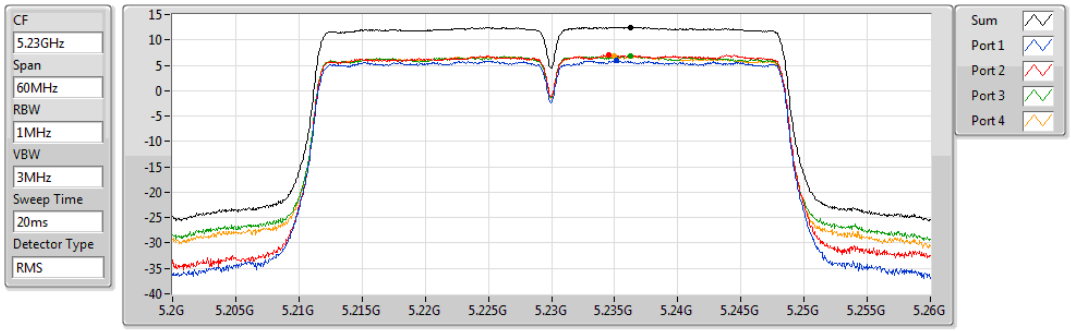
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	-0.11	1.06	0.82	0.96

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

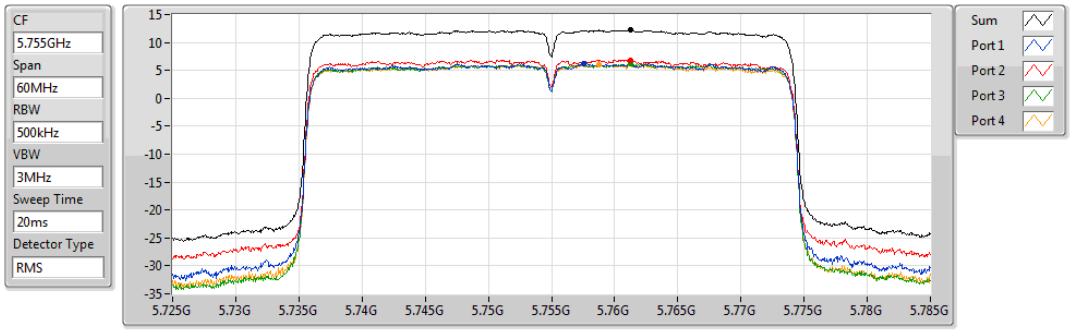
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	5.89	7.00	6.93	6.77

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

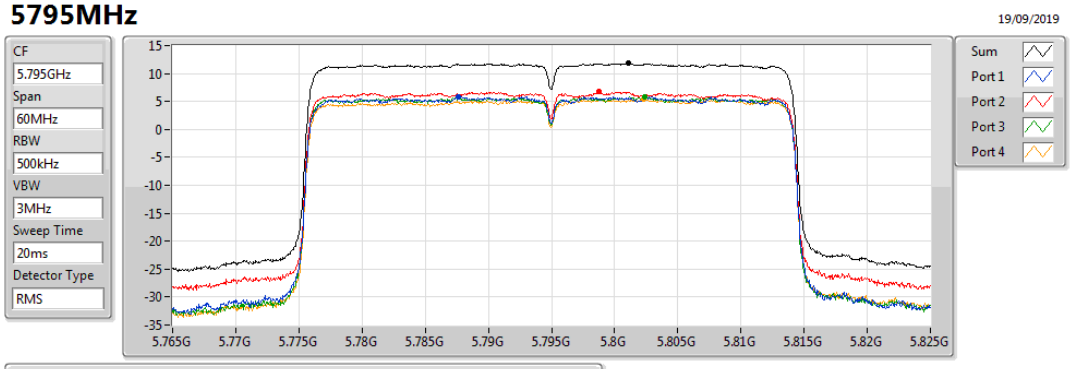
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.22	12.22	6.23	6.85	6.22	5.99

802.11ac VHT40-BF_Nss1,(MCS0)_4TX PSD

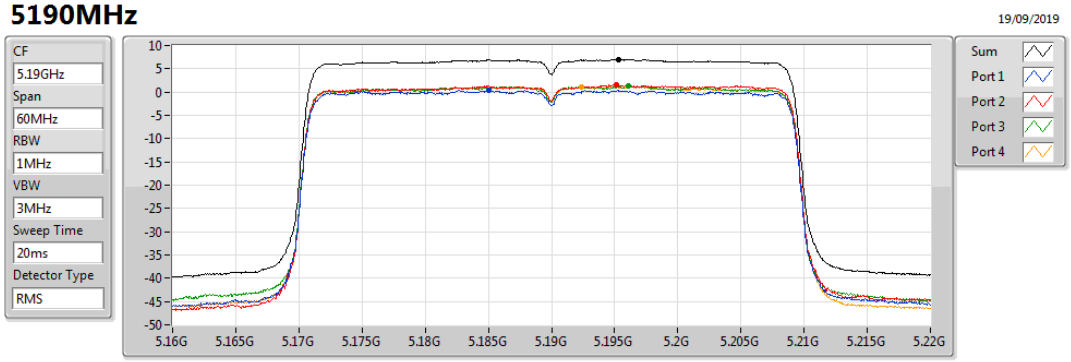
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.82	11.82	5.90	6.71	5.76	5.36

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

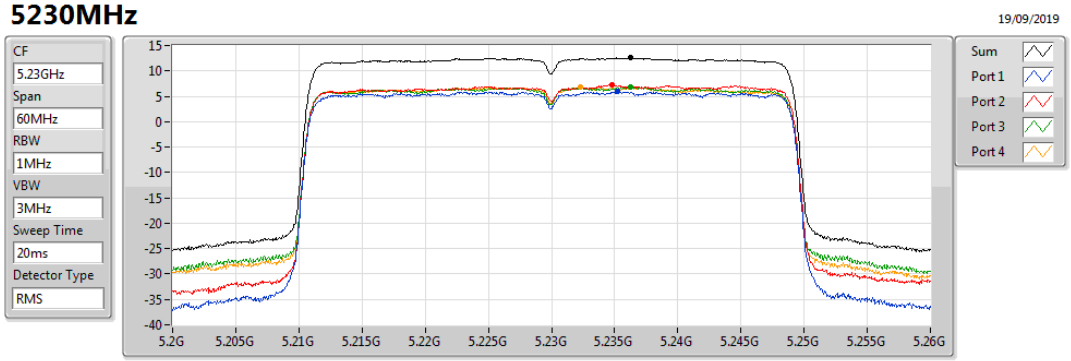
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	0.37	1.58	1.30	1.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

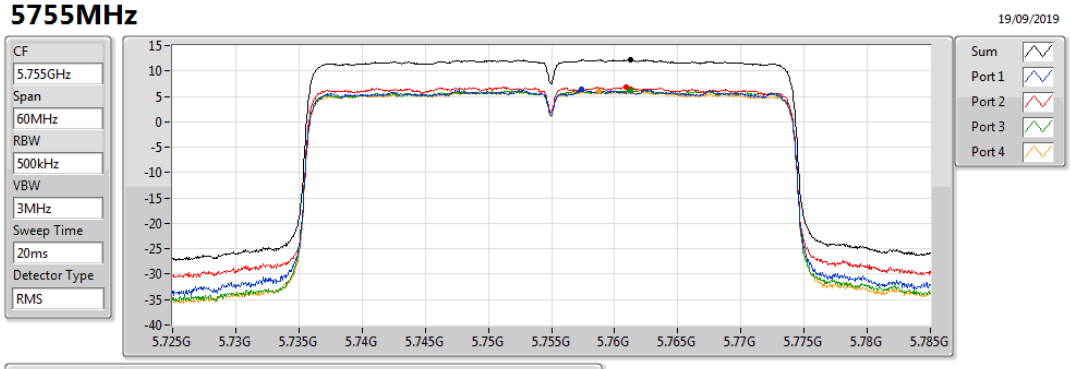
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	5.87	7.18	6.89	6.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

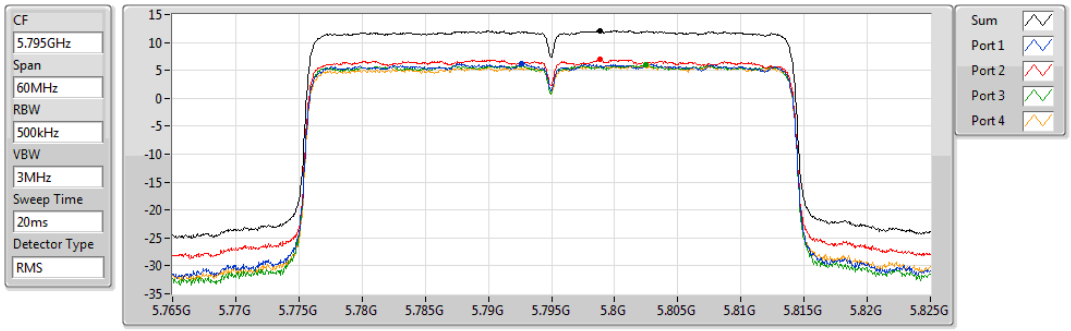
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.19	12.19	6.33	6.87	6.27	5.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

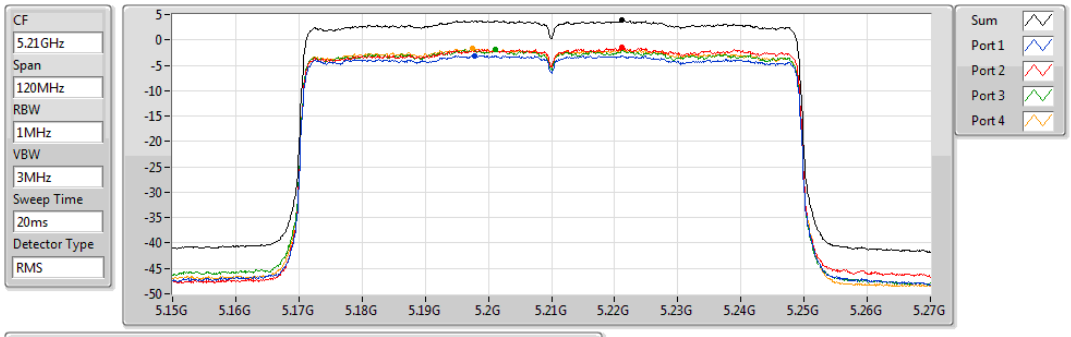
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.09	12.09	6.22	6.92	6.01	5.82

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

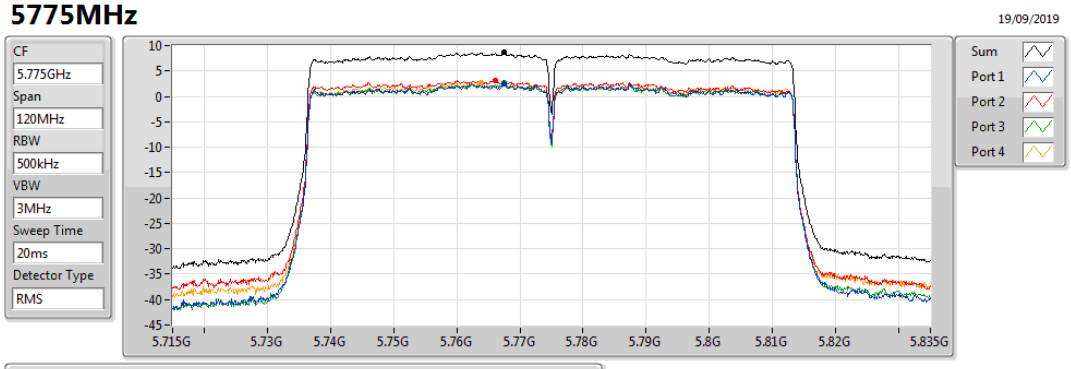
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	-3.07	-1.55	-1.90	-1.76

802.11ac VHT80-BF_Nss1,(MCS0)_4TX PSD

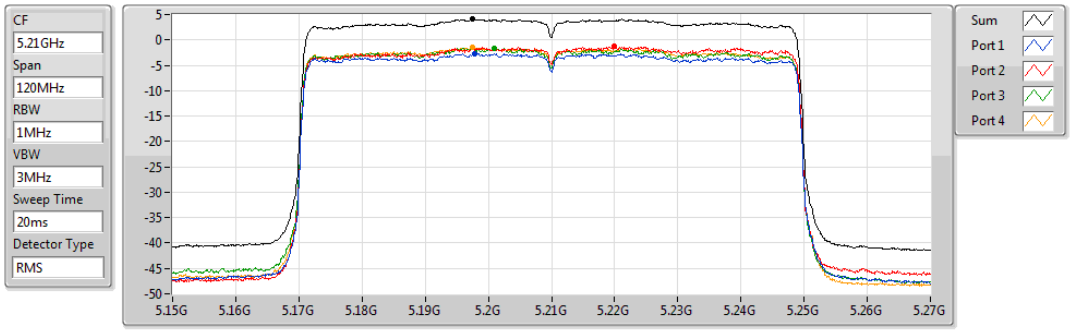
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	2.49	3.16	2.59	2.71

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

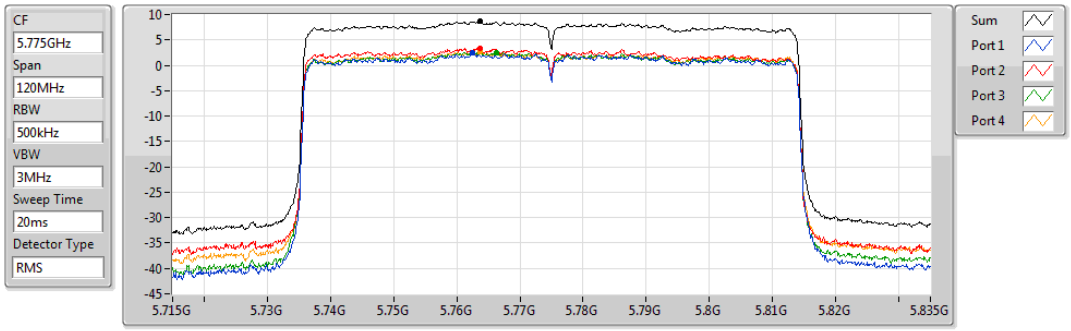
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.10	4.10	-2.68	-1.32	-1.71	-1.47

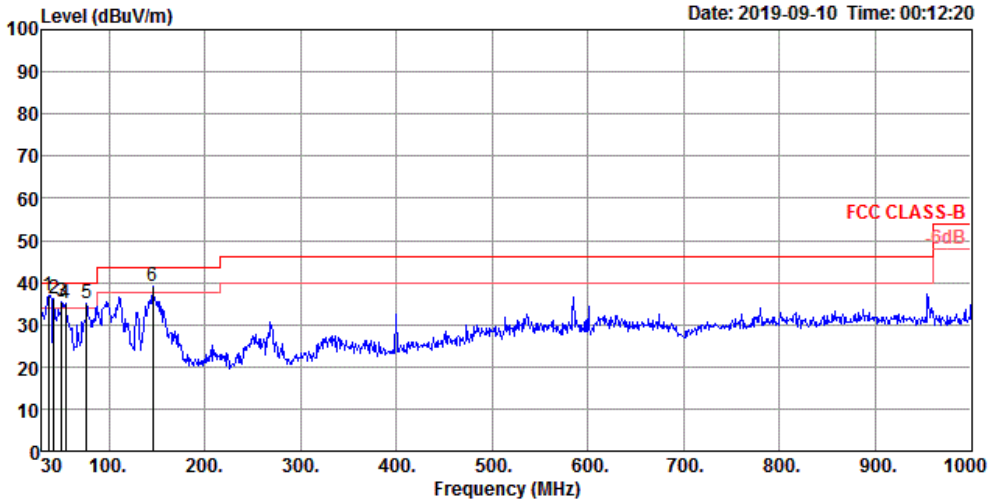
802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	2.42	3.31	2.57	2.63

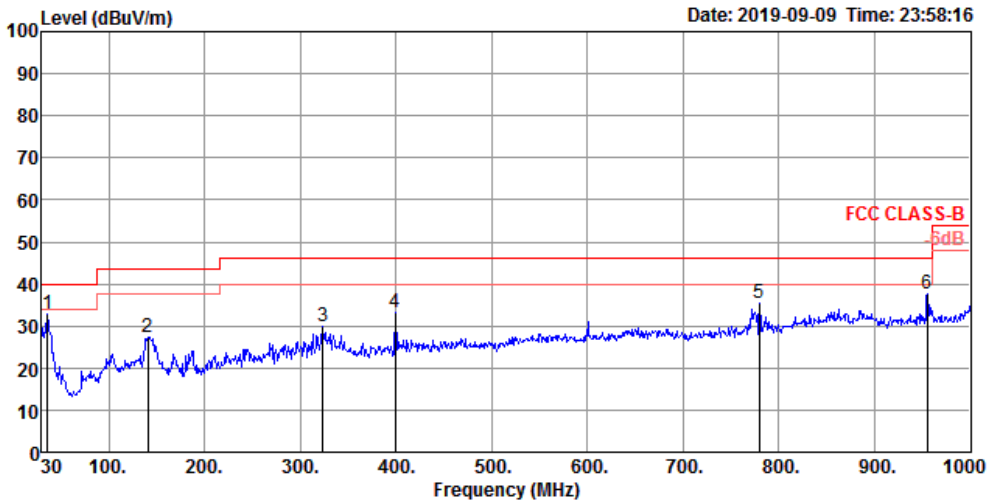
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	36.79	36.89	40.00	-3.11	43.97	0.71	20.78	28.57	300	257	Peak	VERTICAL
2	42.61	36.33	40.00	-3.67	46.47	0.77	17.65	28.56	150	223	Peak	VERTICAL
3	50.37	35.31	40.00	-4.69	49.01	0.83	14.03	28.56	125	100	Peak	VERTICAL
4	54.25	35.22	40.00	-4.78	35.22	0.00	0.00	0.00	125	38	Peak	VERTICAL
5	76.56	34.98	40.00	-5.02	34.98	0.00	0.00	0.00	125	110	Peak	VERTICAL
6	145.43	39.22	43.50	-4.28	49.27	1.40	16.82	28.27	150	189	Peak	VERTICAL

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

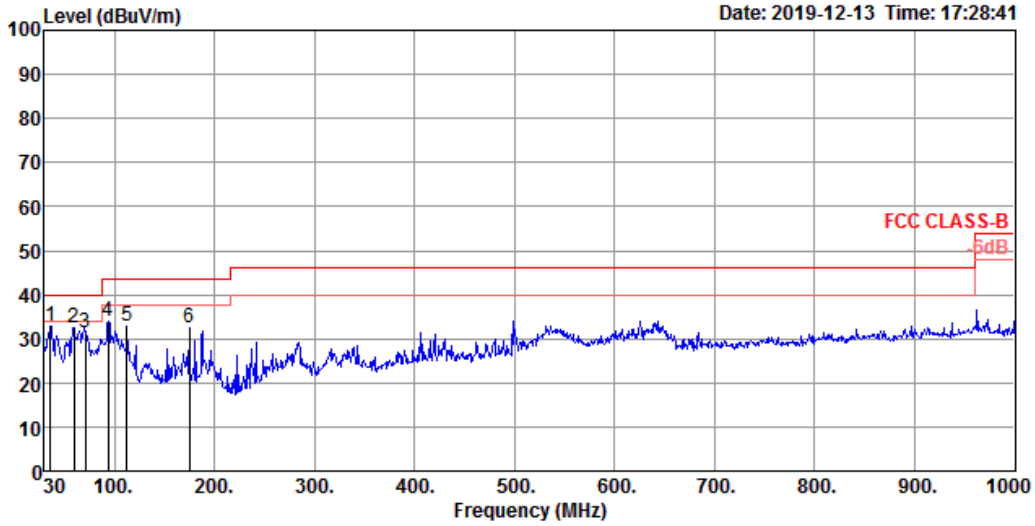
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	35.82	32.93	40.00	-7.07	39.63	0.70	21.17	28.57	300	196	Peak	HORIZONTAL
2	140.58	27.46	43.50	-16.04	37.53	1.37	16.85	28.29	200	165	Peak	HORIZONTAL
3	323.91	30.00	46.00	-16.00	36.51	2.11	19.51	28.13	150	134	Peak	HORIZONTAL
4	399.57	33.24	46.00	-12.76	38.04	2.33	21.66	28.79	125	213	Peak	HORIZONTAL
5	779.81	35.39	46.00	-10.61	35.36	3.30	26.10	29.37	125	299	Peak	HORIZONTAL
6	955.38	37.69	46.00	-8.31	35.93	3.68	26.99	28.91	300	12	Peak	HORIZONTAL

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

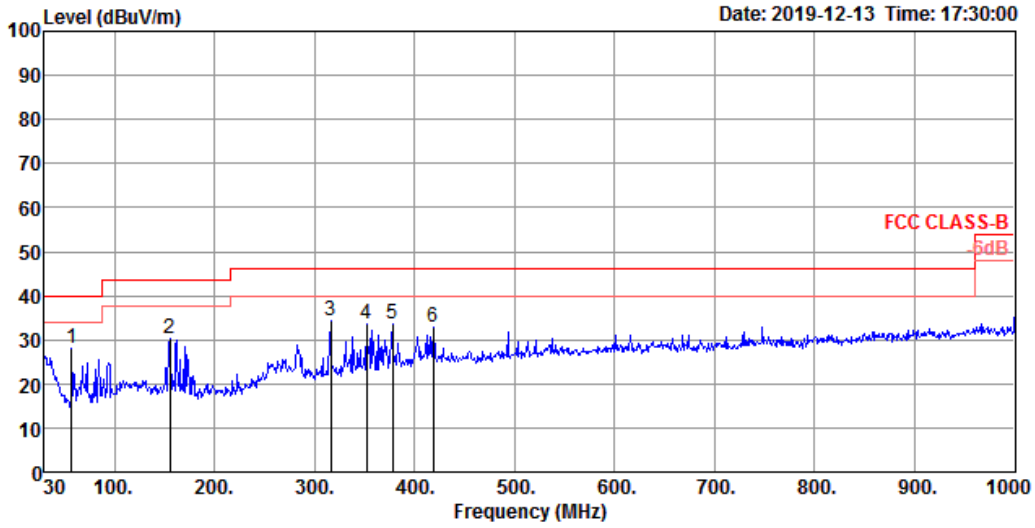
RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	35.82	32.88	40.00	-7.12	41.35	0.77	22.25	31.49	100	238	Peak	VERTICAL
2	59.10	32.48	40.00	-7.52	50.53	0.98	12.81	31.84	100	286	Peak	VERTICAL
3	70.74	31.36	40.00	-8.64	49.54	1.04	12.66	31.88	100	3	Peak	VERTICAL
4	94.02	33.91	43.50	-9.59	48.59	1.24	16.02	31.94	150	53	Peak	VERTICAL
5	112.45	32.77	43.50	-10.73	44.91	1.37	18.33	31.84	100	134	Peak	VERTICAL
6	174.53	32.30	43.50	-11.20	46.77	1.69	15.78	31.94	150	28	Peak	VERTICAL

Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	57.16	28.14	40.00	-11.86	45.82	0.95	13.19	31.82	150	93	Peak	HORIZONTAL
2	155.13	30.24	43.50	-13.26	43.86	1.58	16.68	31.88	100	303	Peak	HORIZONTAL
3	316.15	34.45	46.00	-11.55	43.97	2.30	20.28	32.10	100	291	Peak	HORIZONTAL
4	352.04	33.59	46.00	-12.41	42.04	2.46	21.23	32.14	100	219	Peak	HORIZONTAL
5	378.23	33.64	46.00	-12.36	41.34	2.52	21.95	32.17	100	177	Peak	HORIZONTAL
6	418.97	32.80	46.00	-13.20	39.68	2.65	22.70	32.23	150	72	Peak	HORIZONTAL

Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)

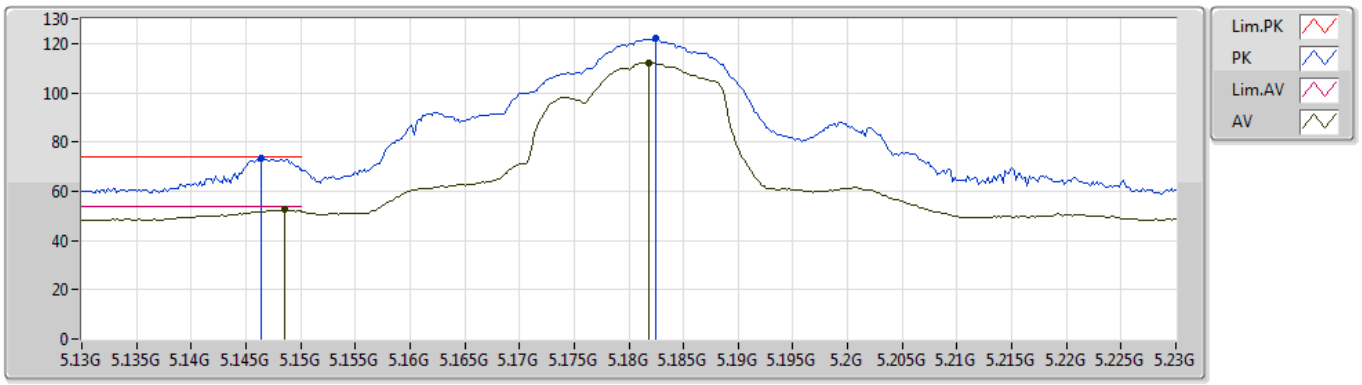
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	Pass	AV	5.1488G	53.49	54.00	-0.51	7.94	3	Horizontal	229	1.50	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

09/09/2019



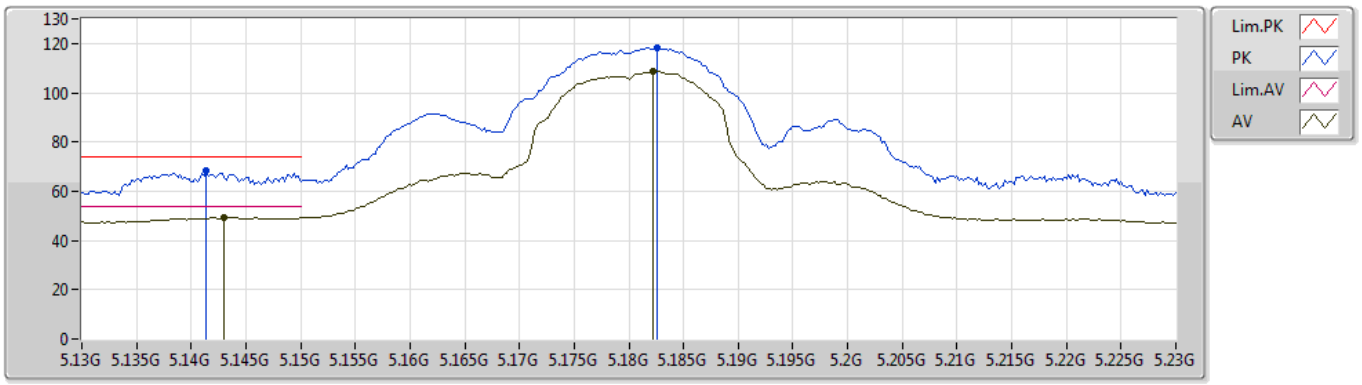
EUT Y_4TX
Setting 94
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1464G	73.44	74.00	-0.56	7.94	3	Vertical	324	2.62	-	65.50
AV	5.1486G	52.77	54.00	-1.23	7.94	3	Vertical	324	2.62	-	44.83
PK	5.1824G	121.93	Inf	-Inf	8.02	3	Vertical	324	2.62	-	113.91
AV	5.1818G	112.19	Inf	-Inf	8.02	3	Vertical	324	2.62	-	104.17

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

09/09/2019



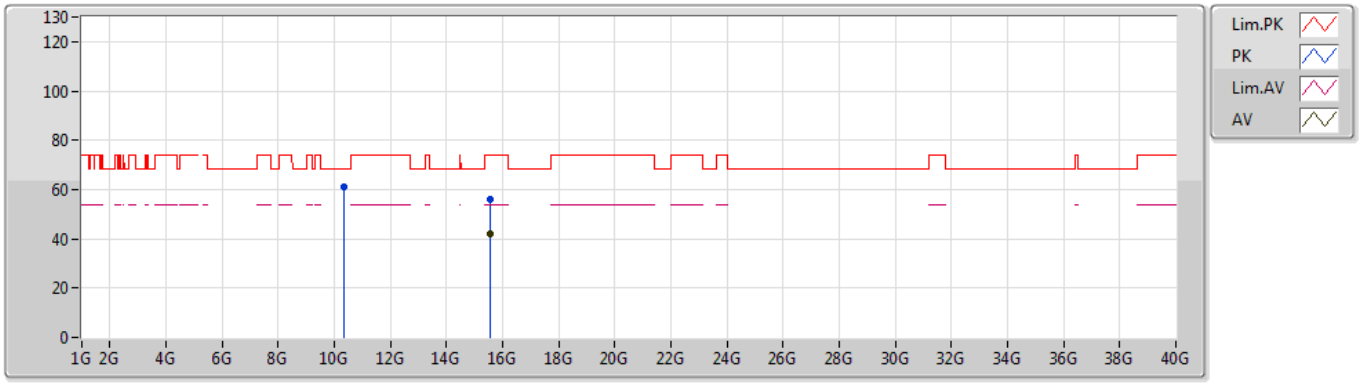
EUT Y_4TX
Setting 94
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1414G	68.11	74.00	-5.89	7.94	3	Horizontal	254	1.68	-	60.17
AV	5.143G	49.48	54.00	-4.52	7.94	3	Horizontal	254	1.68	-	41.54
PK	5.1826G	118.47	Inf	-Inf	8.02	3	Horizontal	254	1.68	-	110.45
AV	5.1822G	108.59	Inf	-Inf	8.02	3	Horizontal	254	1.68	-	100.57

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

09/09/2019



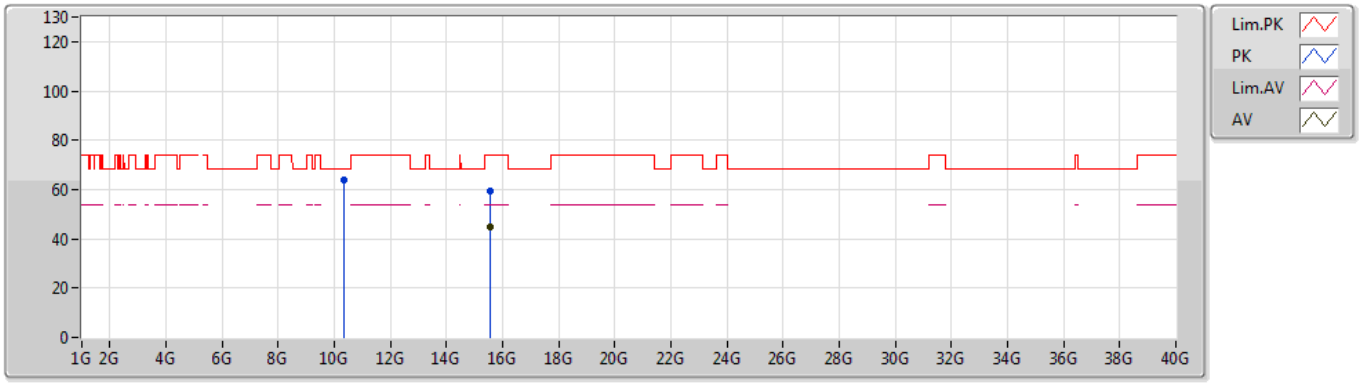
EUT Y_4TX
Setting 94
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.3584G	60.90	68.20	-7.30	14.66	3	Vertical	279	2.54	-	46.24
PK	15.53824G	56.19	74.00	-17.81	16.08	3	Vertical	5	2.75	-	40.11
AV	15.542G	42.09	54.00	-11.91	16.07	3	Vertical	5	2.75	-	26.02

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

09/09/2019



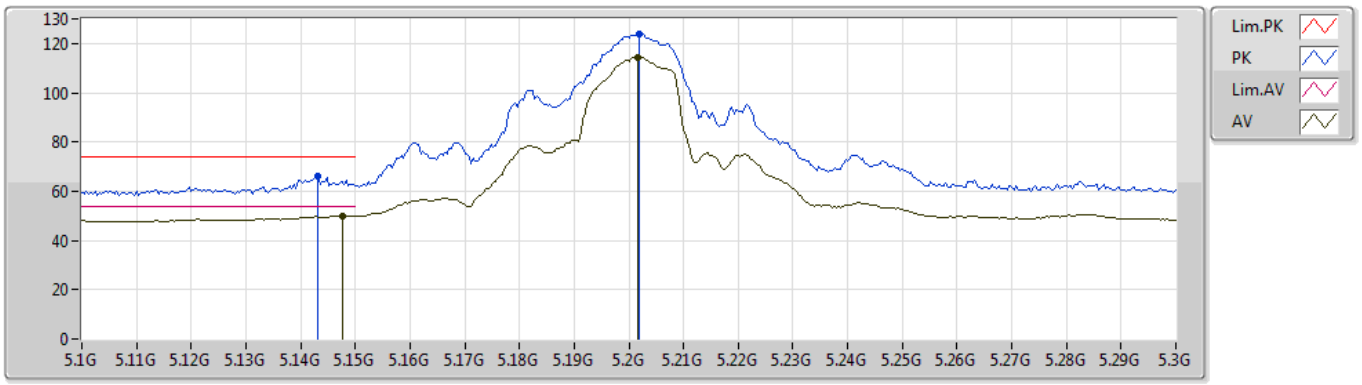
EUT Y_4TX
Setting 94
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.35944G	63.60	68.20	-4.60	14.66	3	Horizontal	227	1.53	-	48.94
PK	15.53762G	59.15	74.00	-14.85	16.08	3	Horizontal	221	2.86	-	43.07
AV	15.5376G	44.74	54.00	-9.26	16.08	3	Horizontal	221	2.86	-	28.66

802.11a_Nss1,(6Mbps)_4TX

09/09/2019

5200MHz_TX



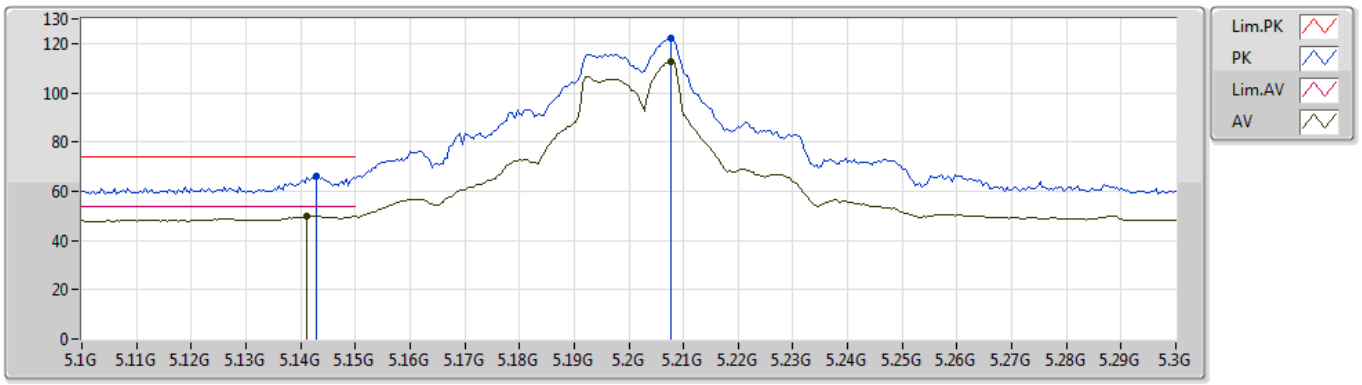
EUT Y_4TX
Setting 108
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1432G	66.03	74.00	-7.97	7.94	3	Vertical	315	2.60	-	58.09
AV	5.1476G	49.96	54.00	-4.04	7.94	3	Vertical	315	2.60	-	42.02
PK	5.202G	123.85	Inf	-Inf	8.06	3	Vertical	315	2.60	-	115.79
AV	5.2016G	114.29	Inf	-Inf	8.06	3	Vertical	315	2.60	-	106.23

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

09/09/2019



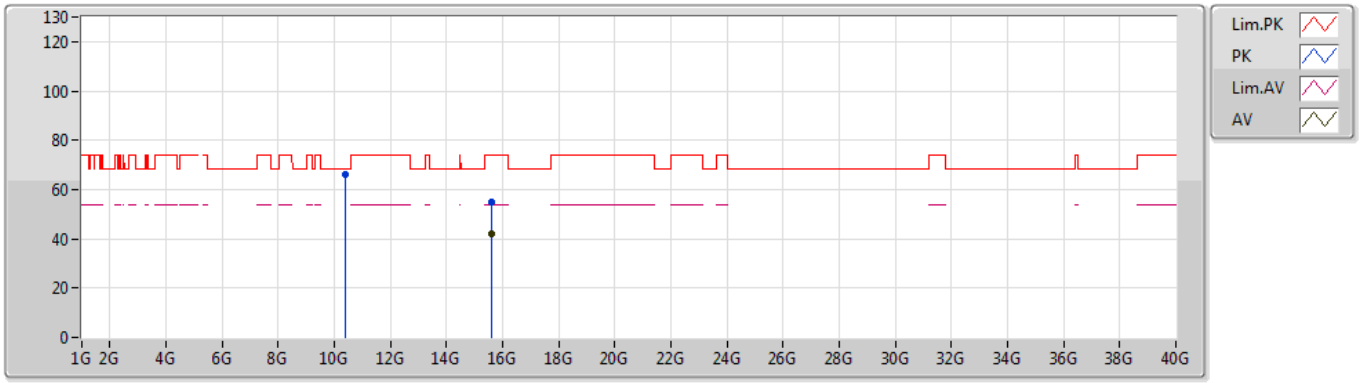
EUT Y_4TX
Setting 108
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1428G	66.19	74.00	-7.81	7.94	3	Horizontal	284	1.79	-	58.25
AV	5.1412G	49.96	54.00	-4.04	7.94	3	Horizontal	284	1.79	-	42.02
PK	5.2076G	122.29	Inf	-Inf	8.07	3	Horizontal	284	1.79	-	114.22
AV	5.2076G	112.77	Inf	-Inf	8.07	3	Horizontal	284	1.79	-	104.70

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

09/09/2019



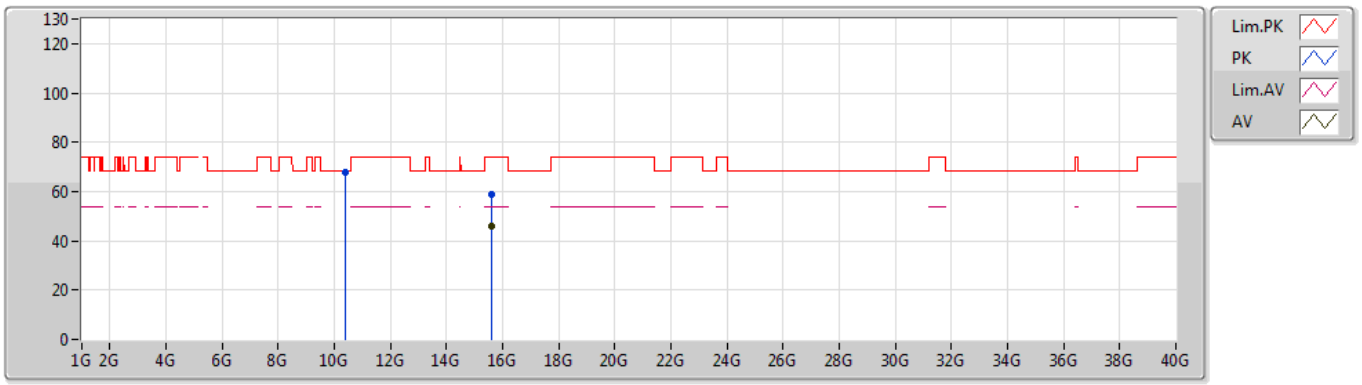
EUT Y_4TX
Setting 108
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.39808G	66.09	68.20	-2.11	14.63	3	Vertical	221	2.24	-	51.46
PK	15.60024G	55.15	74.00	-18.85	15.91	3	Vertical	239	1.75	-	39.24
AV	15.59888G	42.01	54.00	-11.99	15.91	3	Vertical	239	1.75	-	26.10

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

09/09/2019



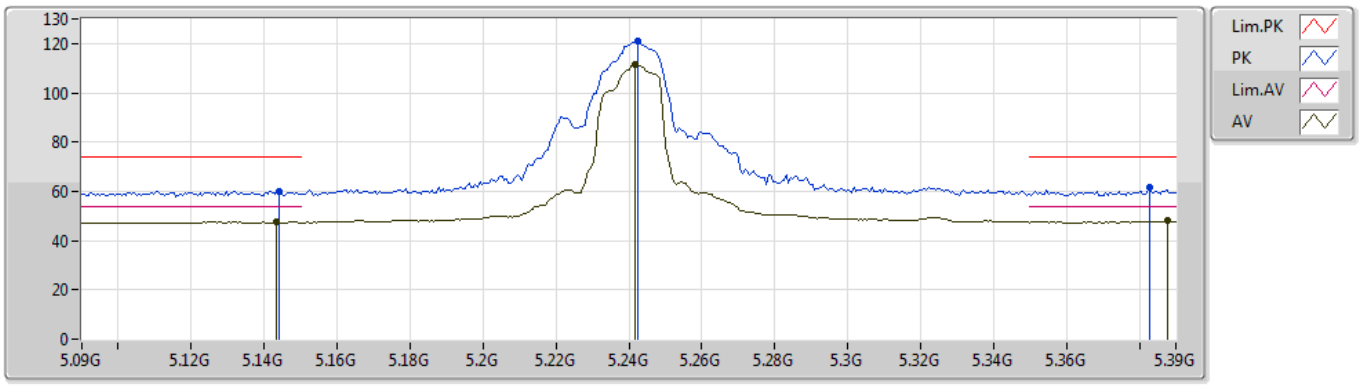
EUT Y_4TX
Setting 108
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.398G	67.61	68.20	-0.59	14.63	3	Horizontal	226	1.46	-	52.98
PK	15.60168G	59.06	74.00	-14.94	15.91	3	Horizontal	214	2.87	-	43.15
AV	15.60352G	45.95	54.00	-8.05	15.90	3	Horizontal	214	2.87	-	30.05

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

10/09/2019



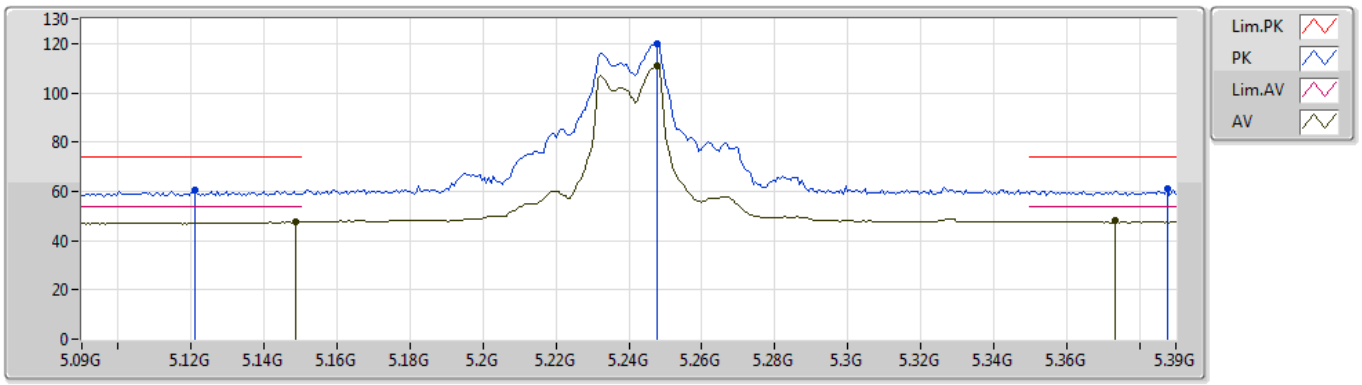
EUT Y_4TX
Setting 94
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.144G	60.22	74.00	-13.78	7.94	3	Vertical	320	2.66	-	52.28
AV	5.1434G	47.52	54.00	-6.48	7.94	3	Vertical	320	2.66	-	39.58
PK	5.2424G	121.20	Inf	-Inf	8.12	3	Vertical	320	2.66	-	113.08
AV	5.2418G	111.41	Inf	-Inf	8.12	3	Vertical	320	2.66	-	103.29
PK	5.3828G	61.40	74.00	-12.60	8.32	3	Vertical	320	2.66	-	53.08
AV	5.3876G	48.00	54.00	-6.00	8.33	3	Vertical	320	2.66	-	39.67

802.11a_Nss1,(6Mbps)_4TX

10/09/2019

5240MHz_TX



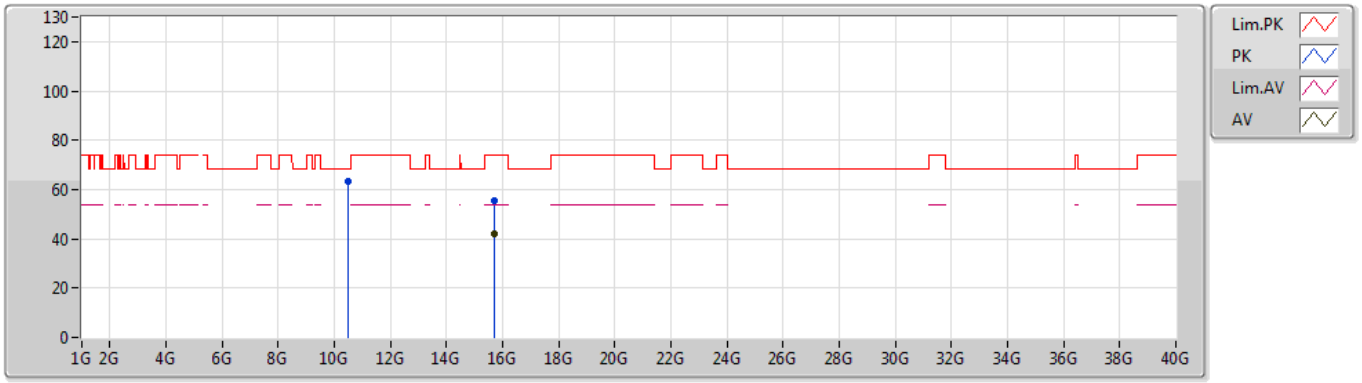
EUT Y_4TX
Setting 94
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1212G	60.58	74.00	-13.42	7.88	3	Horizontal	275	1.90	-	52.70
AV	5.1488G	47.47	54.00	-6.53	7.94	3	Horizontal	275	1.90	-	39.53
PK	5.2478G	119.86	Inf	-Inf	8.13	3	Horizontal	275	1.90	-	111.73
AV	5.2478G	110.77	Inf	-Inf	8.13	3	Horizontal	275	1.90	-	102.64
PK	5.3876G	61.34	74.00	-12.66	8.33	3	Horizontal	275	1.90	-	53.01
AV	5.3732G	47.95	54.00	-6.05	8.30	3	Horizontal	275	1.90	-	39.65

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

10/09/2019



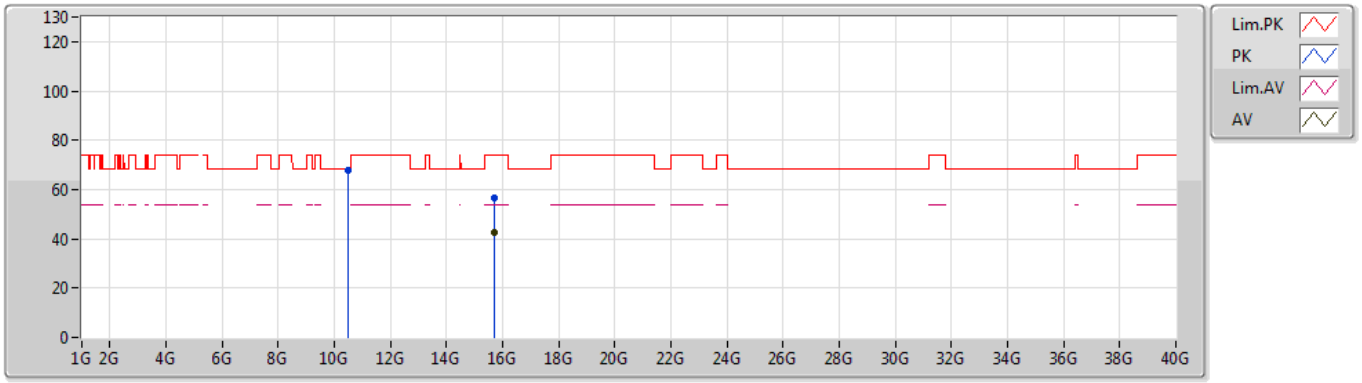
EUT Y_4TX
Setting 94
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.4776G	63.50	68.20	-4.70	14.59	3	Vertical	216	2.27	-	48.91
PK	15.72152G	55.41	74.00	-18.59	15.60	3	Vertical	147	1.68	-	39.81
AV	15.72064G	42.20	54.00	-11.80	15.60	3	Vertical	147	1.68	-	26.60

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

10/09/2019



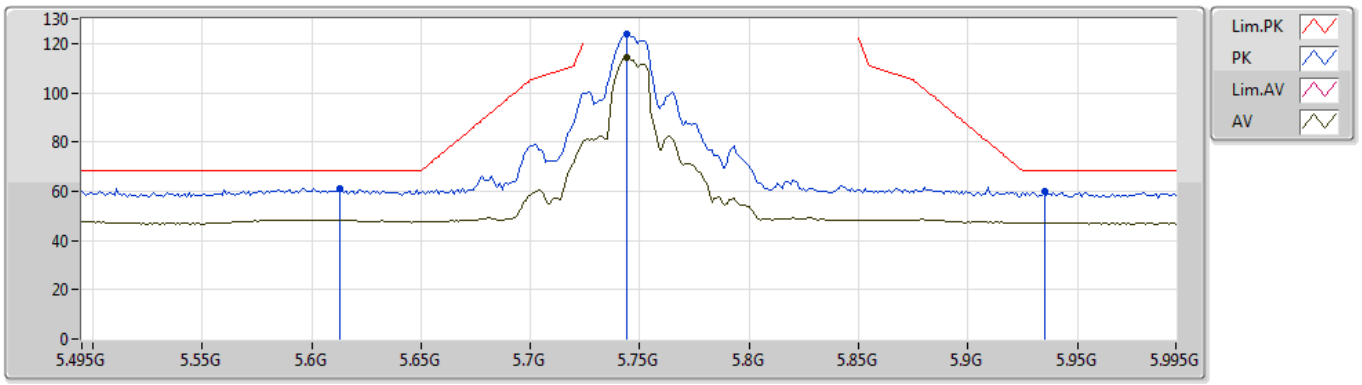
EUT Y_4TX
Setting 94
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.47656G	67.58	68.20	-0.62	14.59	3	Horizontal	223	2.16	-	52.99
PK	15.72152G	56.35	74.00	-17.65	15.60	3	Horizontal	188	2.78	-	40.75
AV	15.72176G	42.34	54.00	-11.66	15.60	3	Horizontal	188	2.78	-	26.74

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

10/09/2019



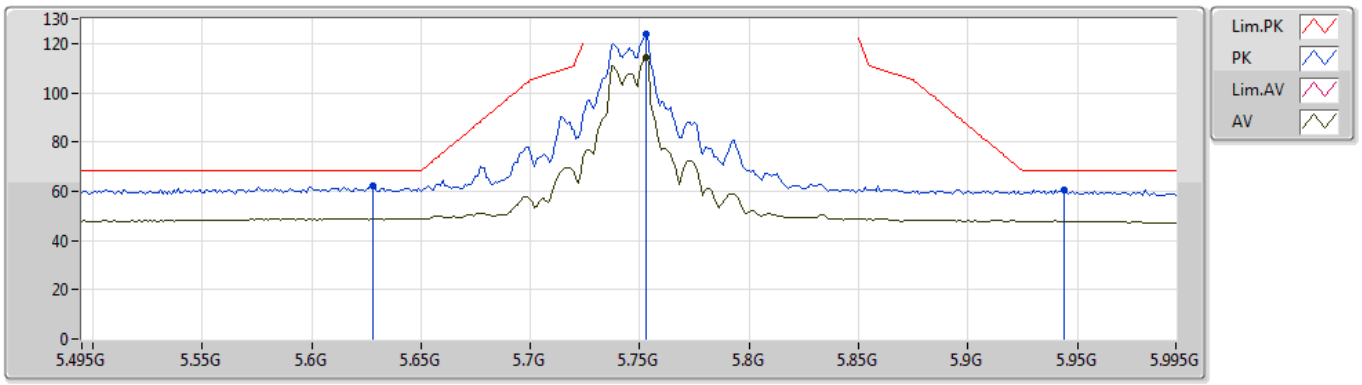
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.613G	61.32	68.20	-6.88	8.61	3	Vertical	343	3.00	-	52.71
PK	5.744G	124.11	Inf	-Inf	8.82	3	Vertical	343	3.00	-	115.29
AV	5.744G	114.32	Inf	-Inf	8.82	3	Vertical	343	3.00	-	105.50
PK	5.935G	59.77	68.20	-8.43	8.93	3	Vertical	343	3.00	-	50.84

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

10/09/2019



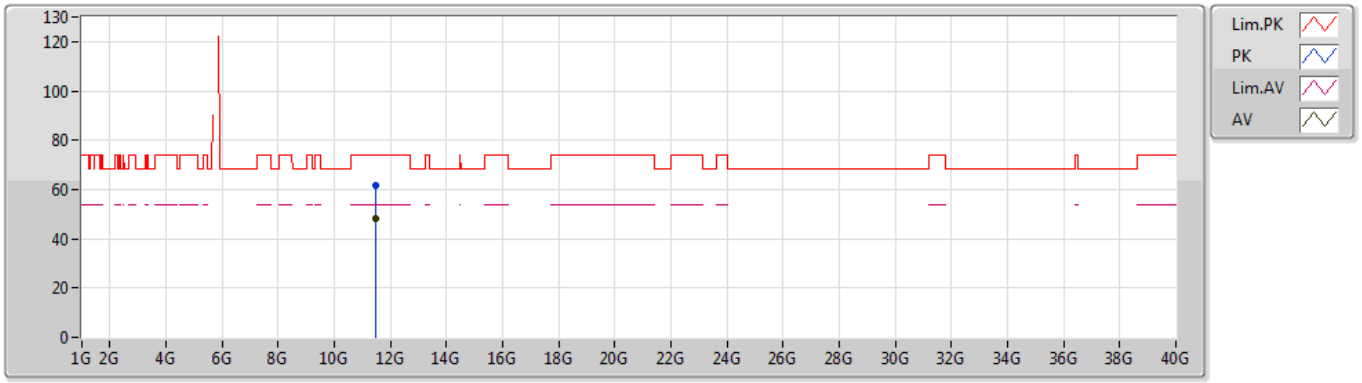
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.628G	62.42	68.20	-5.78	8.63	3	Horizontal	268	1.49	-	53.79
PK	5.753G	123.66	Inf	-Inf	8.83	3	Horizontal	268	1.49	-	114.83
AV	5.753G	114.27	Inf	-Inf	8.83	3	Horizontal	268	1.49	-	105.44
PK	5.944G	60.74	68.20	-7.46	8.94	3	Horizontal	268	1.49	-	51.80

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

10/09/2019



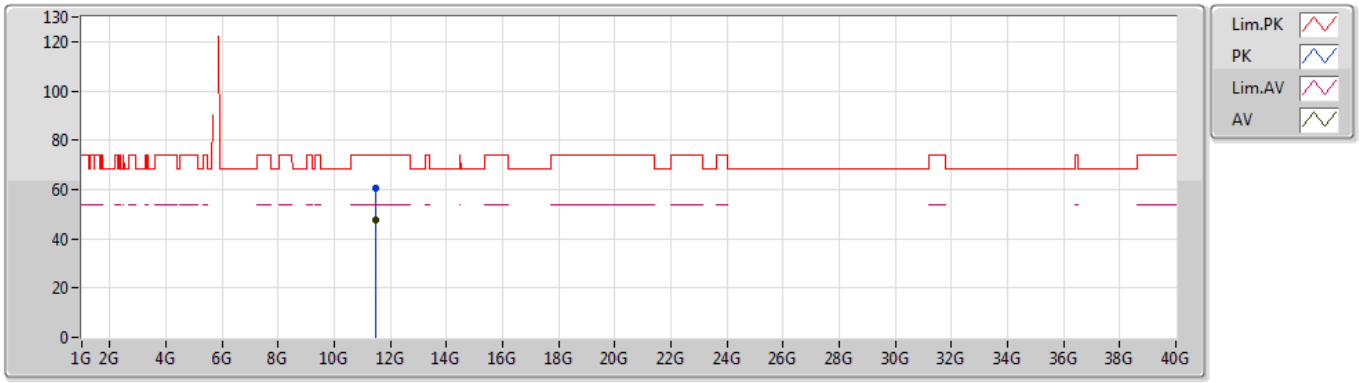
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48792G	61.49	74.00	-12.51	14.89	3	Vertical	260	2.66	-	46.60
AV	11.48952G	48.34	54.00	-5.66	14.89	3	Vertical	260	2.66	-	33.45

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

10/09/2019



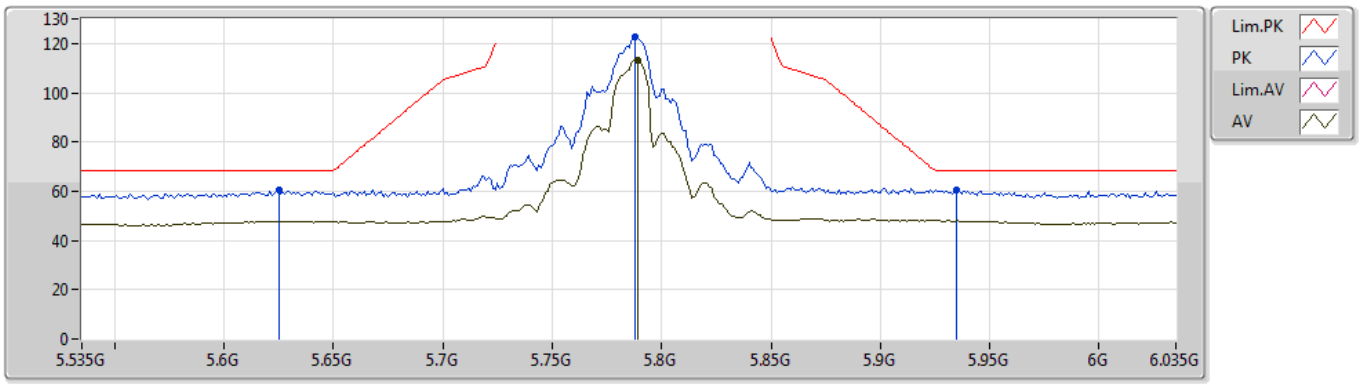
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.49128G	60.35	74.00	-13.65	14.89	3	Horizontal	237	2.54	-	45.46
AV	11.49112G	47.58	54.00	-6.42	14.89	3	Horizontal	237	2.54	-	32.69

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

10/09/2019



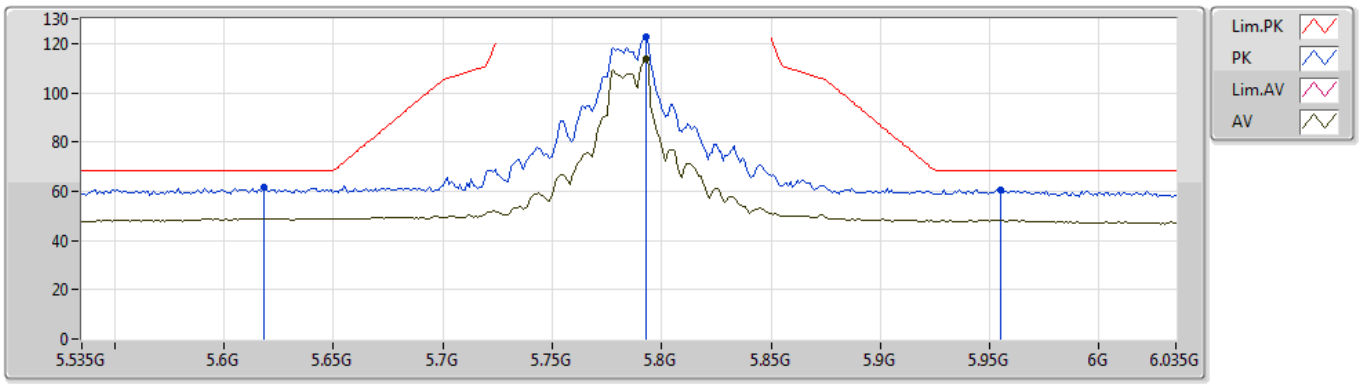
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.625G	60.61	68.20	-7.59	8.63	3	Vertical	283	3.00	-	51.98
PK	5.788G	122.72	Inf	-Inf	8.87	3	Vertical	283	3.00	-	113.85
AV	5.789G	113.04	Inf	-Inf	8.88	3	Vertical	283	3.00	-	104.16
PK	5.935G	60.73	68.20	-7.47	8.93	3	Vertical	283	3.00	-	51.80

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

10/09/2019



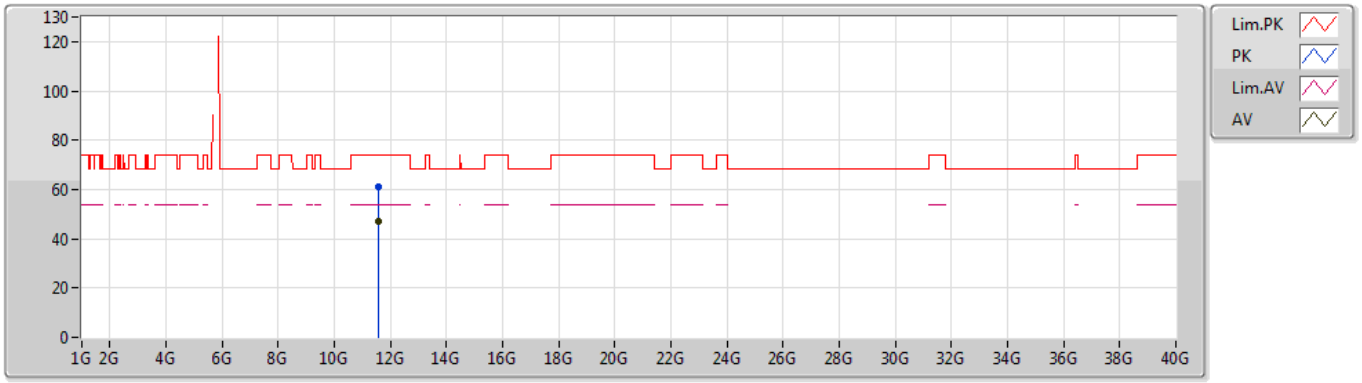
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.618G	61.55	68.20	-6.65	8.61	3	Horizontal	271	1.46	-	52.94
PK	5.793G	122.93	Inf	-Inf	8.89	3	Horizontal	271	1.46	-	114.04
AV	5.793G	113.49	Inf	-Inf	8.89	3	Horizontal	271	1.46	-	104.60
PK	5.955G	60.75	68.20	-7.45	8.92	3	Horizontal	271	1.46	-	51.83

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

10/09/2019



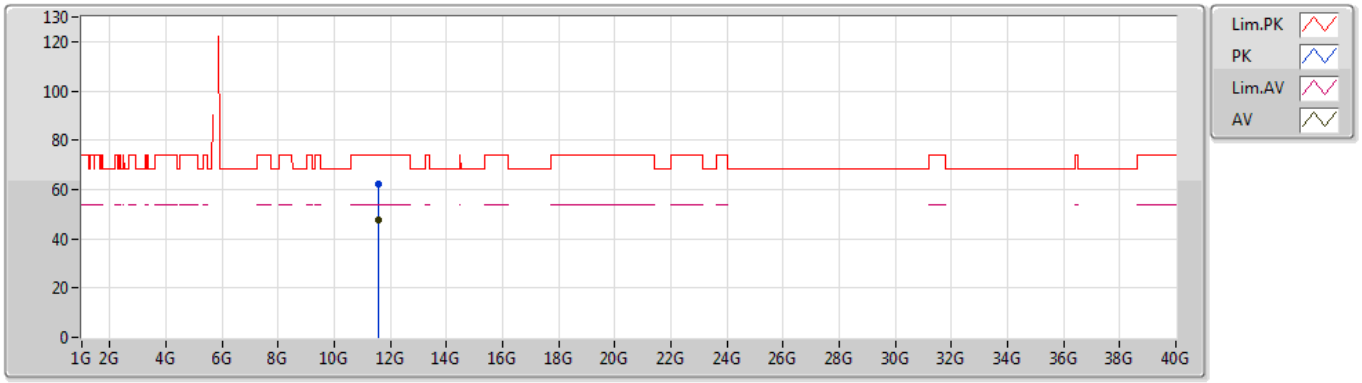
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56776G	61.03	74.00	-12.97	14.99	3	Vertical	262	2.69	-	46.04
AV	11.56952G	47.21	54.00	-6.79	15.00	3	Vertical	262	2.69	-	32.21

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

10/09/2019



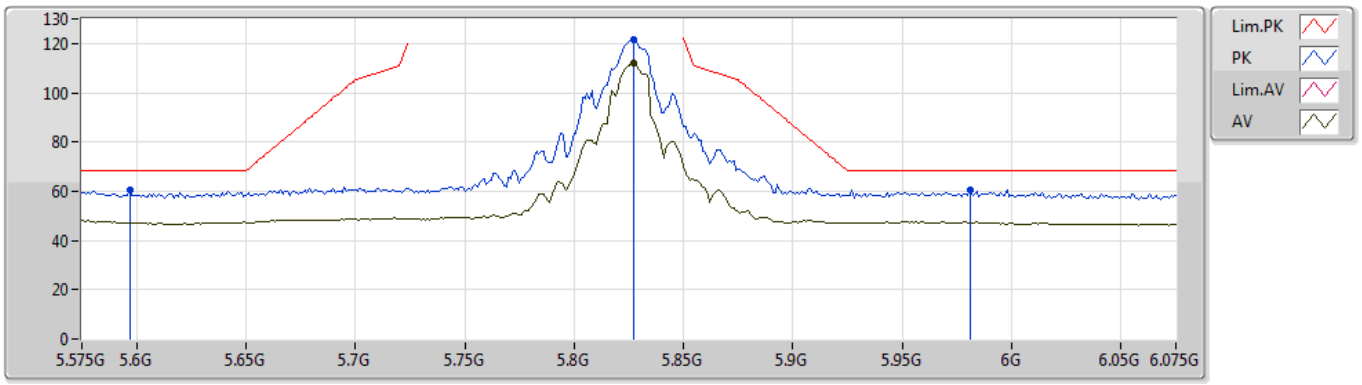
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57152G	62.19	74.00	-11.81	15.00	3	Horizontal	320	2.93	-	47.19
AV	11.57112G	47.79	54.00	-6.21	15.00	3	Horizontal	320	2.93	-	32.79

802.11a_Nss1,(6Mbps)_4TX

10/09/2019

5825MHz_TX



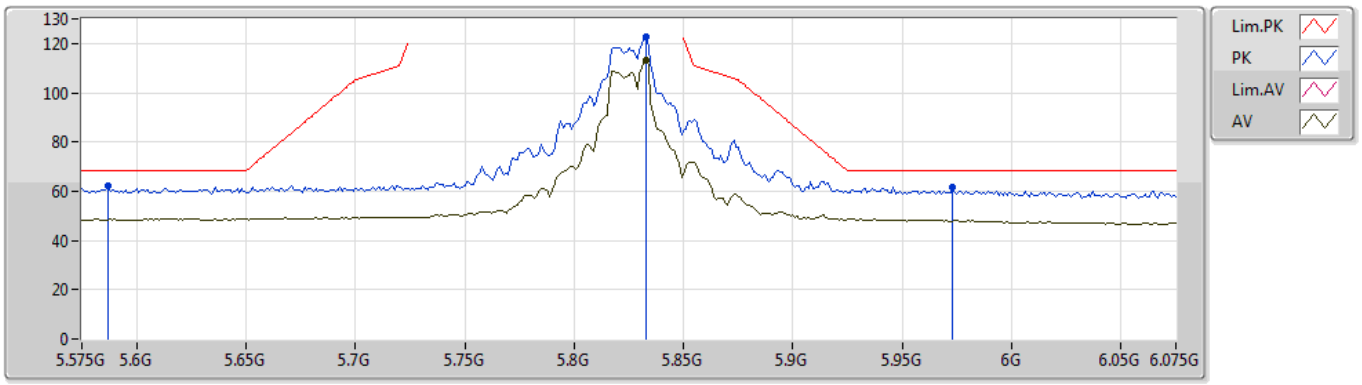
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.597G	60.47	68.20	-7.73	8.58	3	Vertical	339	2.91	-	51.89
PK	5.827G	121.33	Inf	-Inf	8.91	3	Vertical	339	2.91	-	112.42
AV	5.827G	112.25	Inf	-Inf	8.91	3	Vertical	339	2.91	-	103.34
PK	5.981G	60.74	68.20	-7.46	8.94	3	Vertical	339	2.91	-	51.80

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

10/09/2019



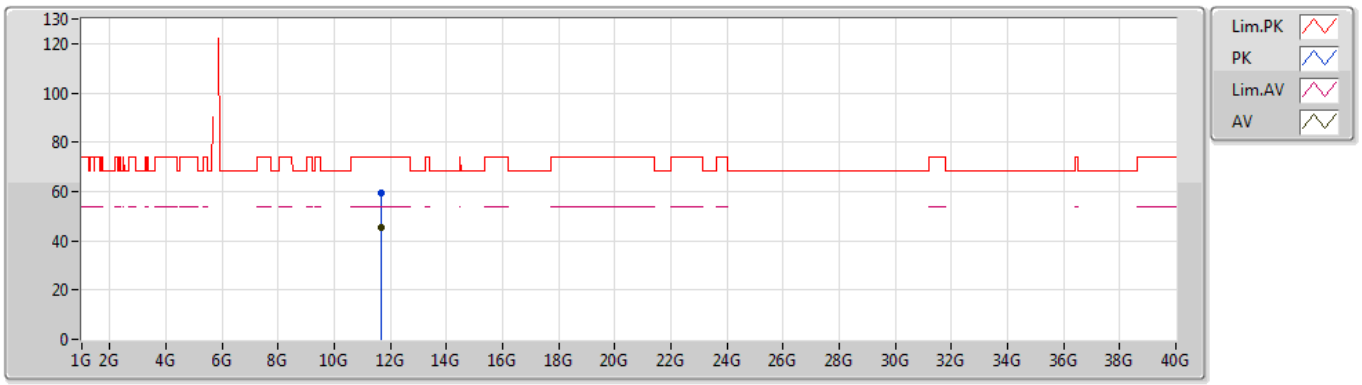
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.587G	61.99	68.20	-6.21	8.57	3	Horizontal	272	1.49	-	53.42
PK	5.833G	122.84	Inf	-Inf	8.91	3	Horizontal	272	1.49	-	113.93
AV	5.833G	113.33	Inf	-Inf	8.91	3	Horizontal	272	1.49	-	104.42
PK	5.973G	61.44	68.20	-6.76	8.93	3	Horizontal	272	1.49	-	52.51

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

10/09/2019



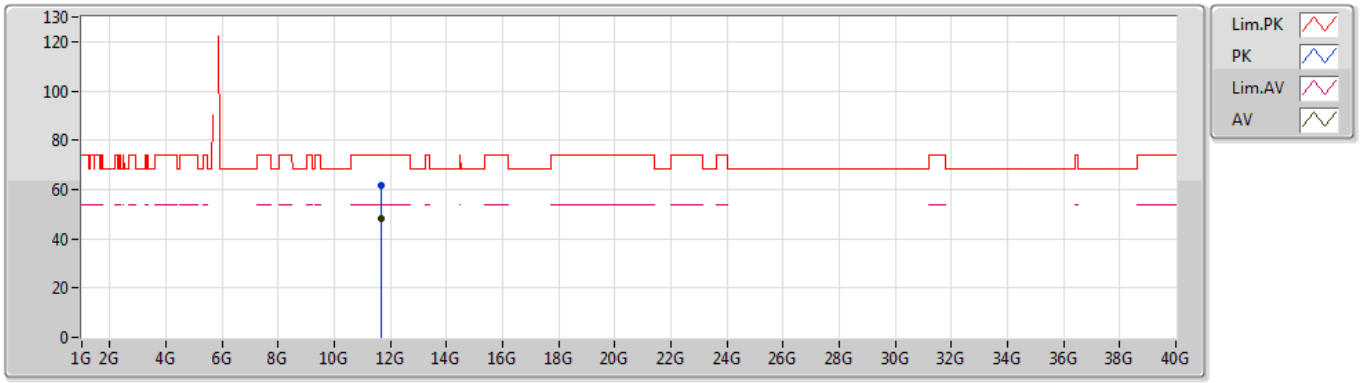
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.65144G	59.53	74.00	-14.47	15.10	3	Vertical	261	2.65	-	44.43
AV	11.6508G	45.42	54.00	-8.58	15.09	3	Vertical	261	2.65	-	30.33

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

10/09/2019



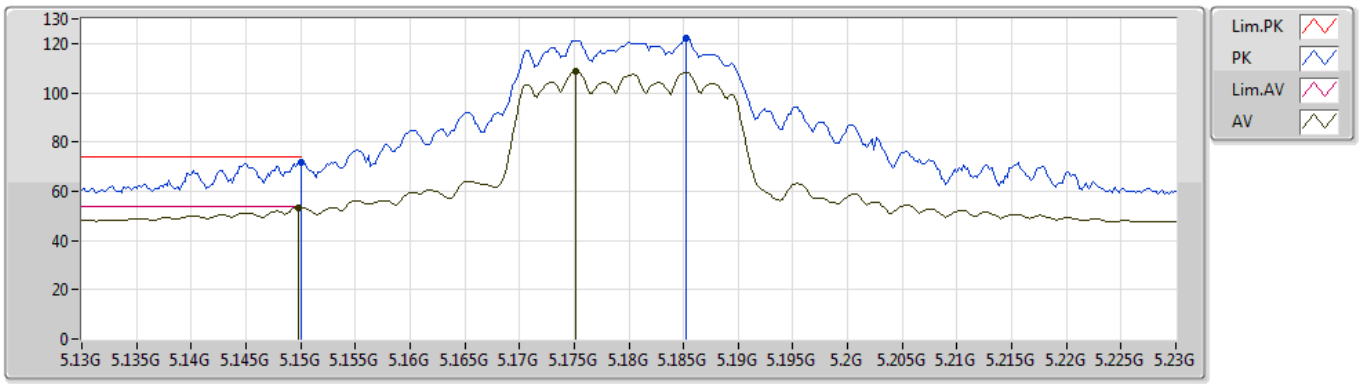
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.65168G	61.70	74.00	-12.30	15.10	3	Horizontal	340	2.03	-	46.60
AV	11.65144G	48.40	54.00	-5.60	15.10	3	Horizontal	340	2.03	-	33.30

802.11ax HEW20_Nss1,(MCS0)_4TX

10/09/2019

5180MHz_TX



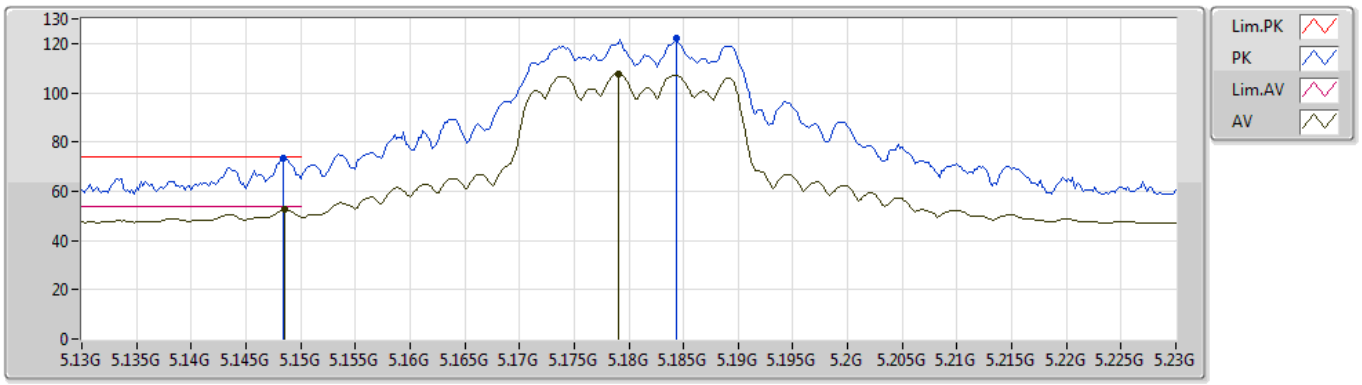
EUT Y_4TX
Setting 92
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	71.61	74.00	-2.39	7.94	3	Vertical	304	2.89	-	63.67
AV	5.1498G	53.45	54.00	-0.55	7.94	3	Vertical	304	2.89	-	45.51
PK	5.1852G	122.17	Inf	-Inf	8.03	3	Vertical	304	2.89	-	114.14
AV	5.1752G	108.61	Inf	-Inf	8.01	3	Vertical	304	2.89	-	100.60

802.11ax HEW20_Nss1,(MCS0)_4TX

10/09/2019

5180MHz_TX



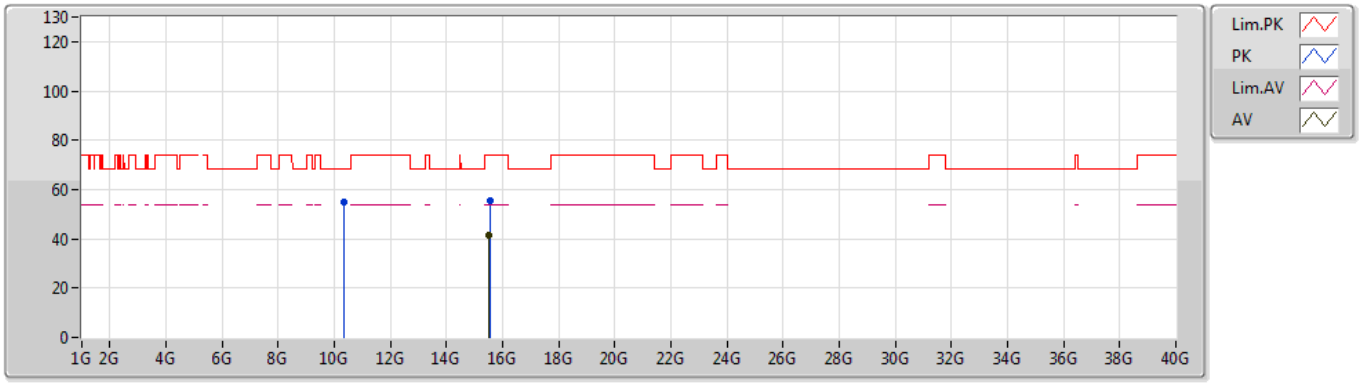
EUT Y_4TX
Setting 92
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1484G	73.19	74.00	-0.81	7.94	3	Horizontal	226	1.84	-	65.25
AV	5.1486G	52.40	54.00	-1.60	7.94	3	Horizontal	226	1.84	-	44.46
PK	5.1844G	122.02	Inf	-Inf	8.03	3	Horizontal	226	1.84	-	113.99
AV	5.179G	107.52	Inf	-Inf	8.02	3	Horizontal	226	1.84	-	99.50

802.11ax HEW20_Nss1,(MCS0)_4TX

5180MHz_TX

10/09/2019



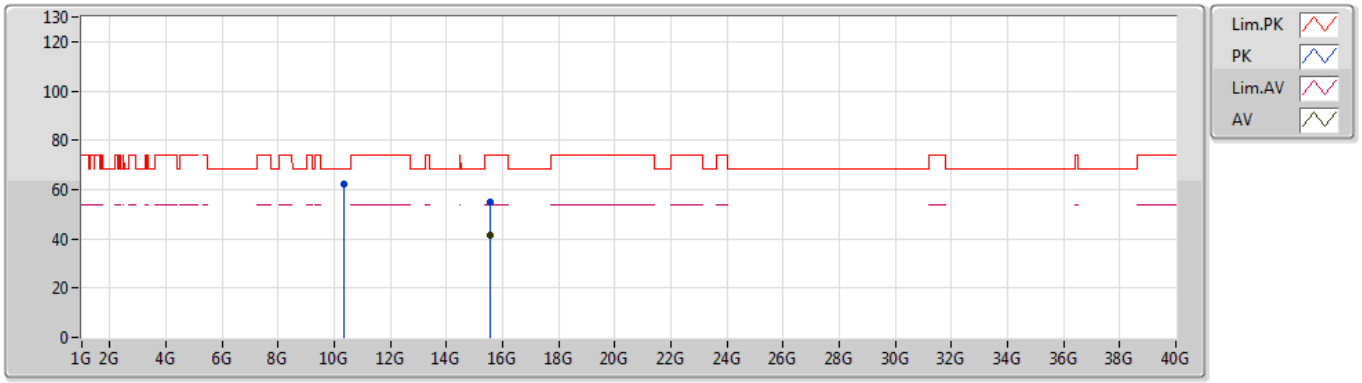
EUT Y_4TX
Setting 92
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.36456G	55.14	68.20	-13.06	14.66	3	Vertical	21	2.00	-	40.48
PK	15.54336G	55.53	74.00	-18.47	16.06	3	Vertical	139	1.17	-	39.47
AV	15.53106G	41.21	54.00	-12.79	16.10	3	Vertical	139	1.17	-	25.11

802.11ax HEW20_Nss1,(MCS0)_4TX

10/09/2019

5180MHz_TX



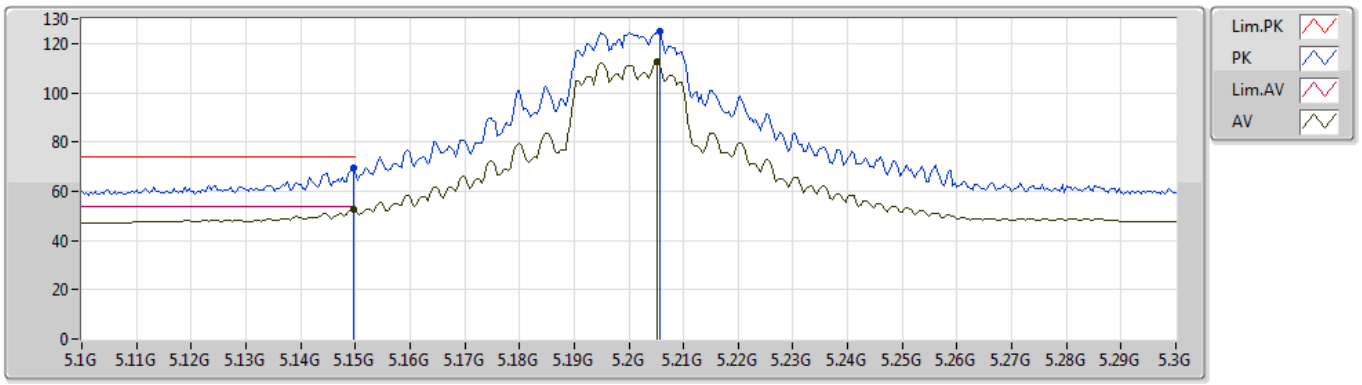
EUT Y_4TX
Setting 92
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.35884G	62.24	68.20	-5.96	14.66	3	Horizontal	175	1.71	-	47.58
PK	15.55104G	55.11	74.00	-18.89	16.04	3	Horizontal	133	2.19	-	39.07
AV	15.53766G	41.22	54.00	-12.78	16.08	3	Horizontal	133	2.19	-	25.14

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

10/09/2019



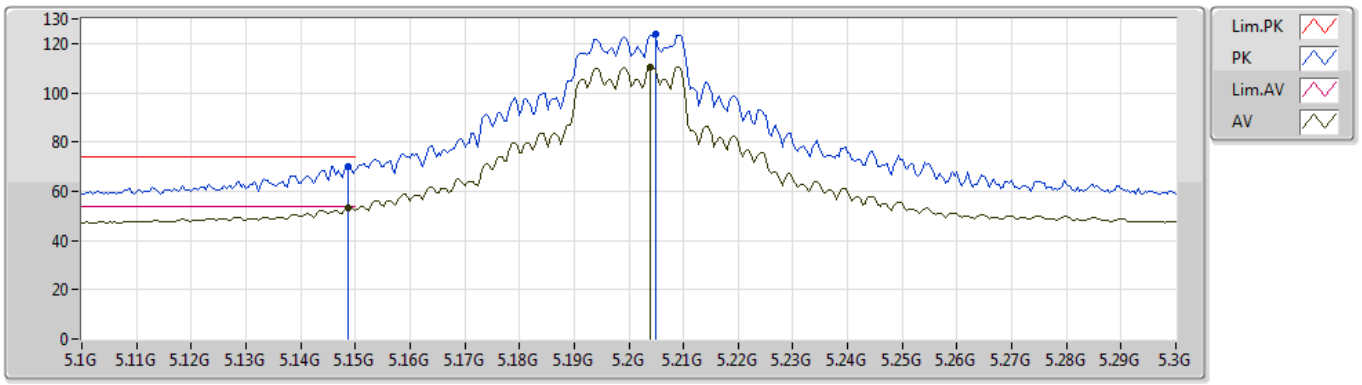
EUT Y_4TX
Setting 109
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1496G	69.52	74.00	-4.48	7.94	3	Vertical	313	2.99	-	61.58
AV	5.1496G	52.73	54.00	-1.27	7.94	3	Vertical	313	2.99	-	44.79
PK	5.2056G	124.98	Inf	-Inf	8.07	3	Vertical	313	2.99	-	116.91
AV	5.2052G	112.63	Inf	-Inf	8.07	3	Vertical	313	2.99	-	104.56

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

10/09/2019



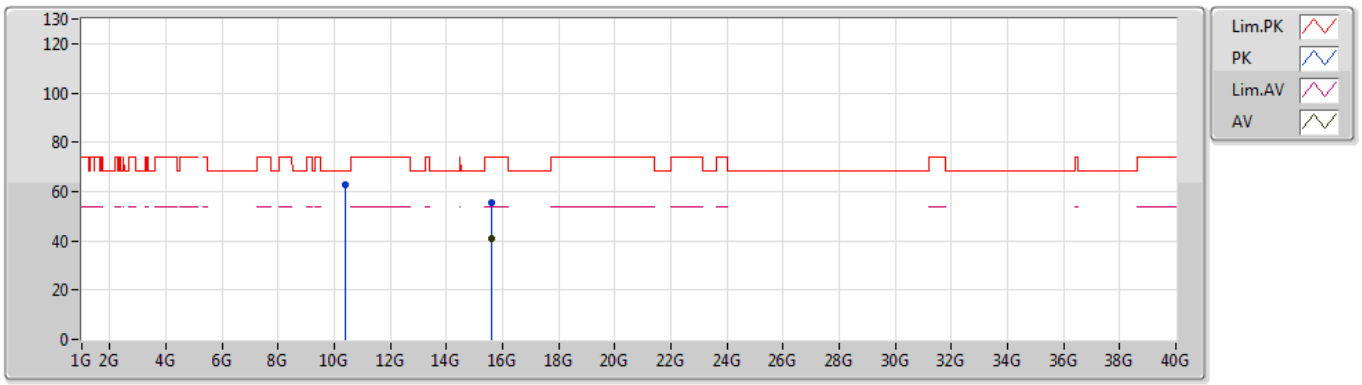
EUT Y_4TX
Setting 109
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1488G	70.28	74.00	-3.72	7.94	3	Horizontal	229	1.50	-	62.34
AV	5.1488G	53.49	54.00	-0.51	7.94	3	Horizontal	229	1.50	-	45.55
PK	5.2048G	124.07	Inf	-Inf	8.07	3	Horizontal	229	1.50	-	116.00
AV	5.204G	110.51	Inf	-Inf	8.06	3	Horizontal	229	1.50	-	102.45

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

10/09/2019



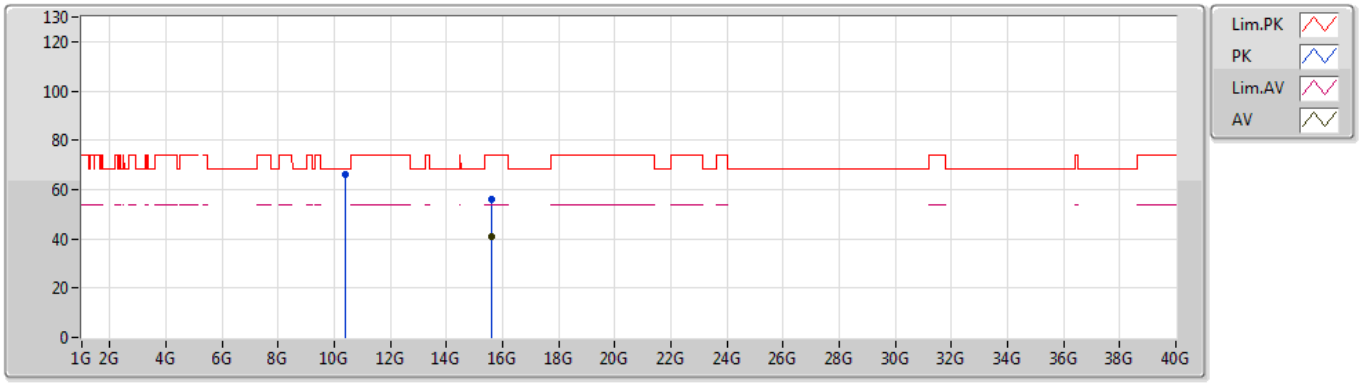
EUT Y_4TX
Setting 109
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.39888G	62.93	68.20	-5.27	14.64	3	Vertical	179	2.86	-	48.29
PK	15.59956G	55.30	74.00	-18.70	15.91	3	Vertical	60	1.10	-	39.39
AV	15.59652G	41.01	54.00	-12.99	15.92	3	Vertical	60	1.10	-	25.09

802.11ax HEW20_Nss1,(MCS0)_4TX

5200MHz_TX

10/09/2019



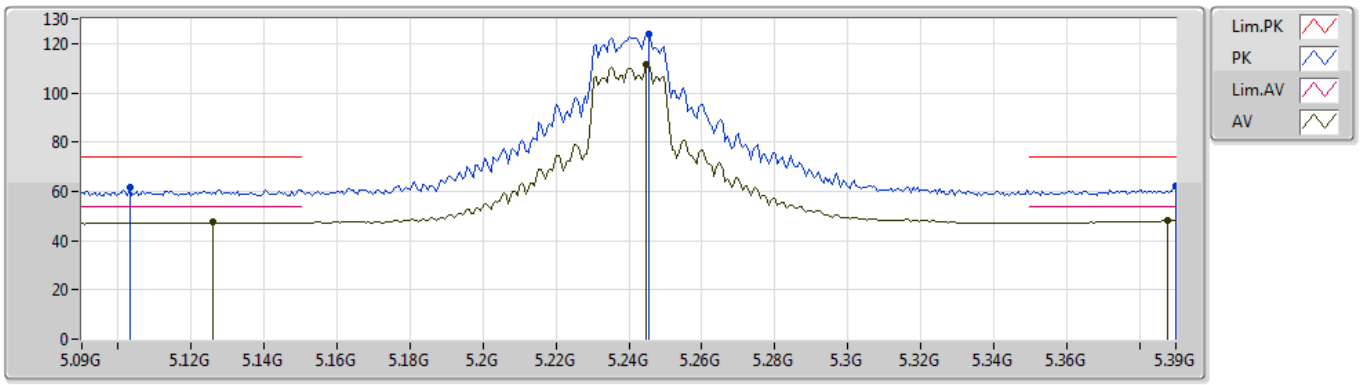
EUT Y_4TX
Setting 109
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.39908G	66.02	68.20	-2.18	14.64	3	Horizontal	279	1.63	-	51.38
PK	15.59828G	56.29	74.00	-17.71	15.91	3	Horizontal	301	2.93	-	40.38
AV	15.59704G	41.07	54.00	-12.93	15.92	3	Horizontal	301	2.93	-	25.15

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

10/09/2019



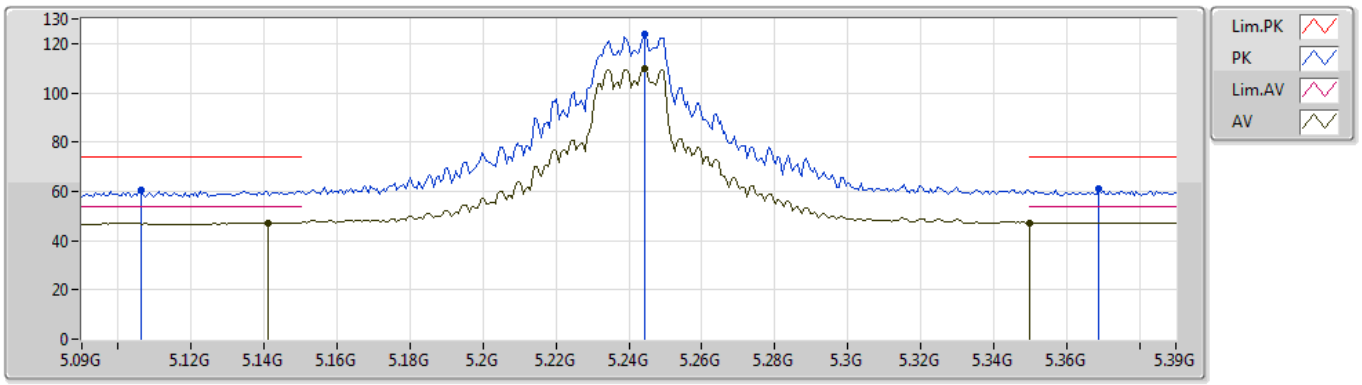
EUT Y_4TX
Setting 105
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1032G	61.70	74.00	-12.30	7.84	3	Vertical	318	2.93	-	53.86
AV	5.126G	47.38	54.00	-6.62	7.90	3	Vertical	318	2.93	-	39.48
PK	5.2454G	123.84	Inf	-Inf	8.12	3	Vertical	318	2.93	-	115.72
AV	5.2448G	111.67	Inf	-Inf	8.12	3	Vertical	318	2.93	-	103.55
PK	5.39G	62.02	74.00	-11.98	8.33	3	Vertical	318	2.93	-	53.69
AV	5.3876G	48.03	54.00	-5.97	8.33	3	Vertical	318	2.93	-	39.70

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

10/09/2019



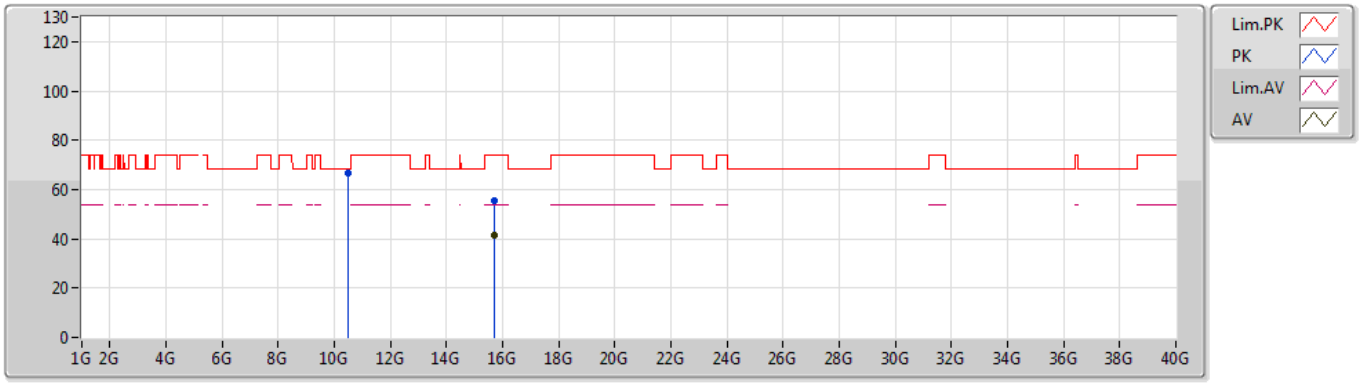
EUT Y_4TX
Setting 105
02-G-3-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1062G	60.57	74.00	-13.43	7.86	3	Horizontal	233	1.61	-	52.71
AV	5.141G	47.27	54.00	-6.73	7.94	3	Horizontal	233	1.61	-	39.33
PK	5.2442G	123.63	Inf	-Inf	8.12	3	Horizontal	233	1.61	-	115.51
AV	5.2442G	109.63	Inf	-Inf	8.12	3	Horizontal	233	1.61	-	101.51
PK	5.369G	60.80	74.00	-13.20	8.30	3	Horizontal	233	1.61	-	52.50
AV	5.35G	47.34	54.00	-6.66	8.28	3	Horizontal	233	1.61	-	39.06

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

10/09/2019



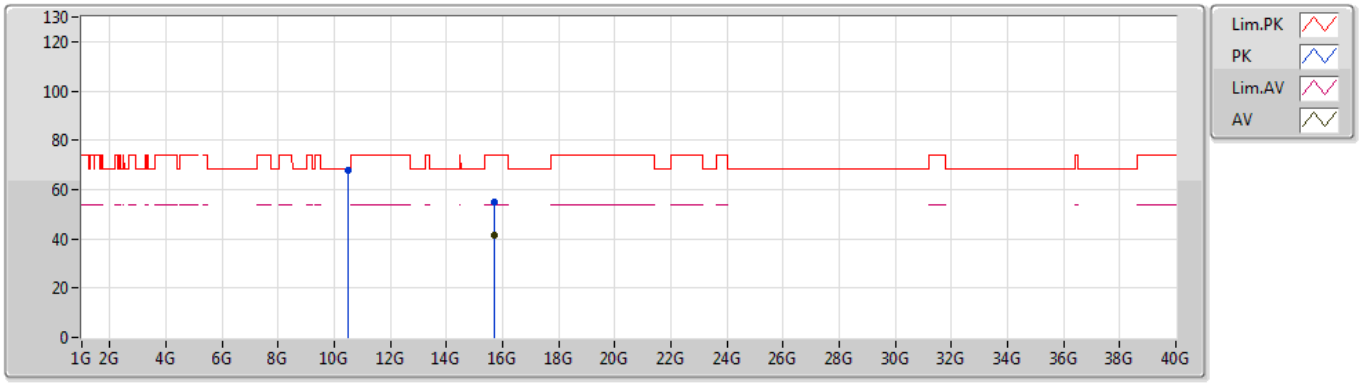
EUT Y_4TX
Setting 105
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.4852G	66.41	68.20	-1.79	14.59	3	Vertical	221	2.68	-	51.82
PK	15.72452G	55.28	74.00	-18.72	15.59	3	Vertical	54	1.51	-	39.69
AV	15.72428G	41.41	54.00	-12.59	15.59	3	Vertical	54	1.51	-	25.82

802.11ax HEW20_Nss1,(MCS0)_4TX

5240MHz_TX

10/09/2019



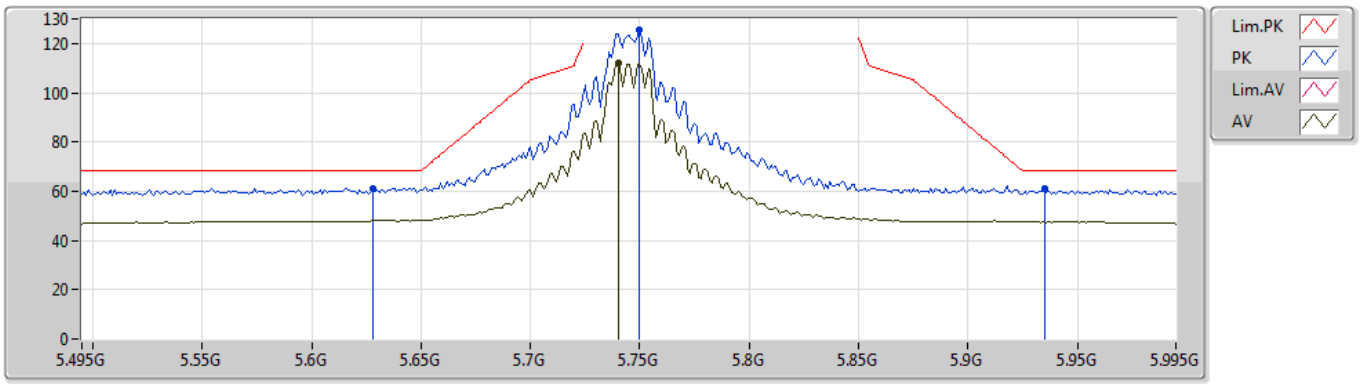
EUT Y_4TX
Setting 105
02-G-3
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.4794G	67.61	68.20	-0.59	14.58	3	Horizontal	284	2.21	-	53.03
PK	15.72504G	55.12	74.00	-18.88	15.59	3	Horizontal	326	2.09	-	39.53
AV	15.71694G	41.50	54.00	-12.50	15.61	3	Horizontal	326	2.09	-	25.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

10/09/2019



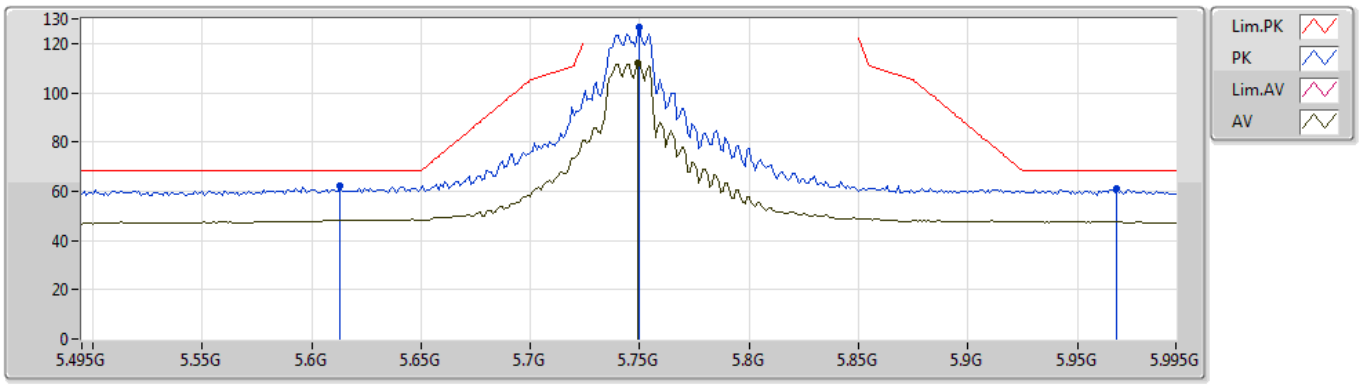
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.628G	61.24	68.20	-6.96	8.63	3	Vertical	260	1.64	-	52.61
PK	5.75G	125.38	Inf	-Inf	8.83	3	Vertical	260	1.64	-	116.55
AV	5.74G	112.18	Inf	-Inf	8.80	3	Vertical	260	1.64	-	103.38
PK	5.935G	61.17	68.20	-7.03	8.93	3	Vertical	260	1.64	-	52.24

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

10/09/2019



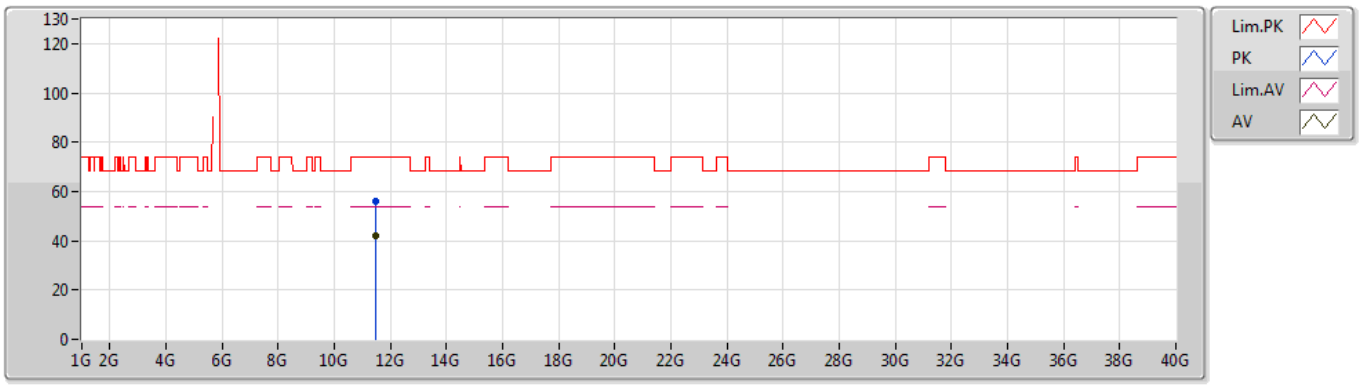
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.613G	62.21	68.20	-5.99	8.61	3	Horizontal	258	1.48	-	53.60
PK	5.75G	126.41	Inf	-Inf	8.83	3	Horizontal	258	1.48	-	117.58
AV	5.749G	111.94	Inf	-Inf	8.82	3	Horizontal	258	1.48	-	103.12
PK	5.968G	60.84	68.20	-7.36	8.93	3	Horizontal	258	1.48	-	51.91

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

10/09/2019



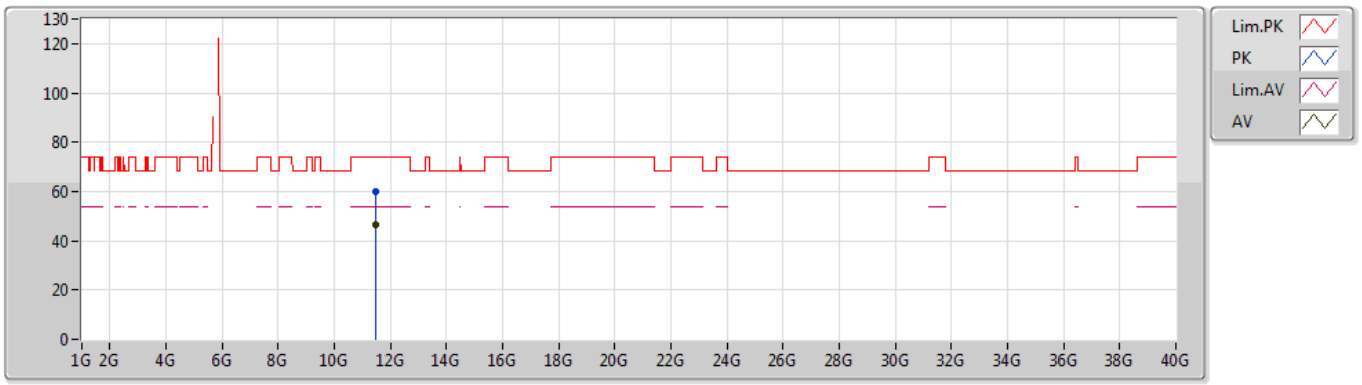
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48688G	56.29	74.00	-17.71	14.89	3	Vertical	102	1.59	-	41.40
AV	11.49208G	41.97	54.00	-12.03	14.89	3	Vertical	102	1.59	-	27.08

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

10/09/2019



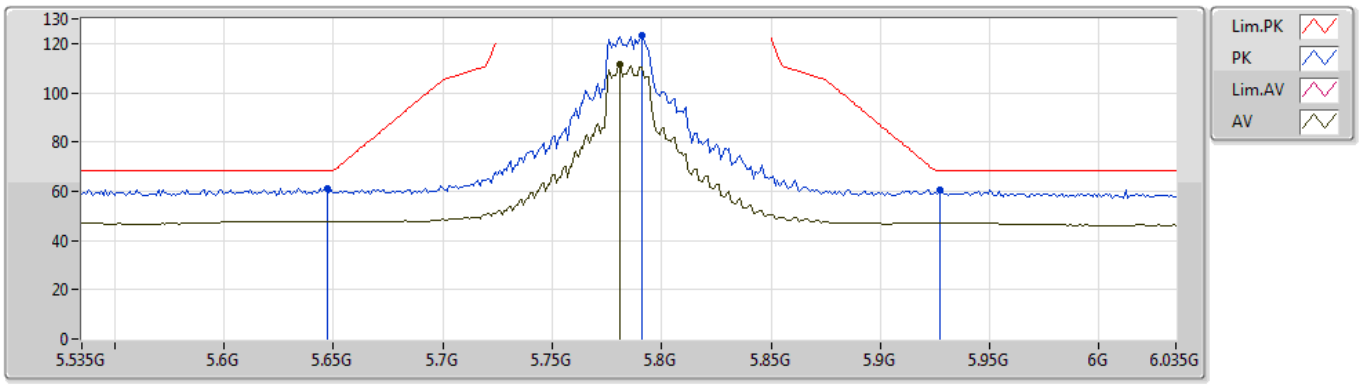
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.49048G	59.94	74.00	-14.06	14.89	3	Horizontal	233	2.33	-	45.05
AV	11.49056G	46.39	54.00	-7.61	14.89	3	Horizontal	233	2.33	-	31.50

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

10/09/2019



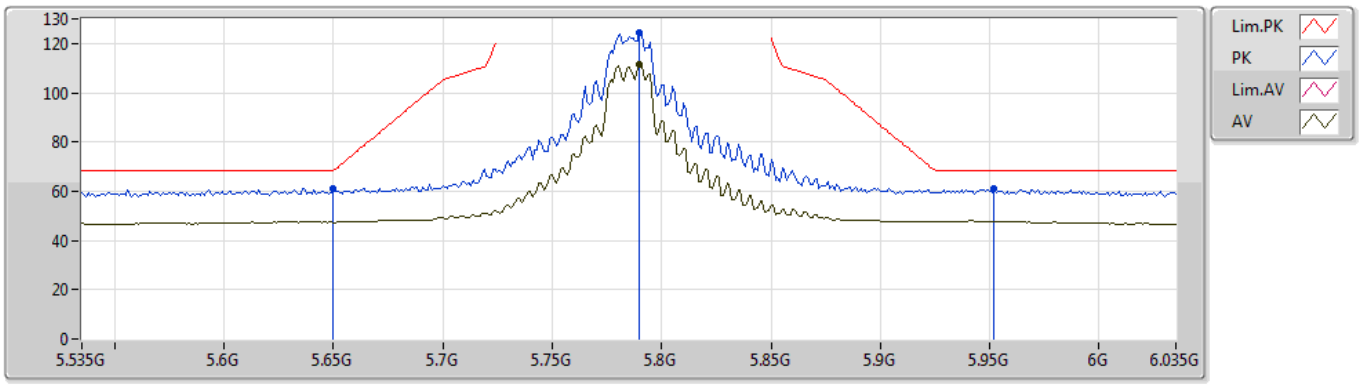
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.647G	61.08	68.20	-7.12	8.67	3	Vertical	355	2.71	-	52.41
PK	5.791G	123.16	Inf	-Inf	8.88	3	Vertical	355	2.71	-	114.28
AV	5.781G	111.37	Inf	-Inf	8.88	3	Vertical	355	2.71	-	102.49
PK	5.927G	60.31	68.20	-7.89	8.93	3	Vertical	355	2.71	-	51.38

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

10/09/2019



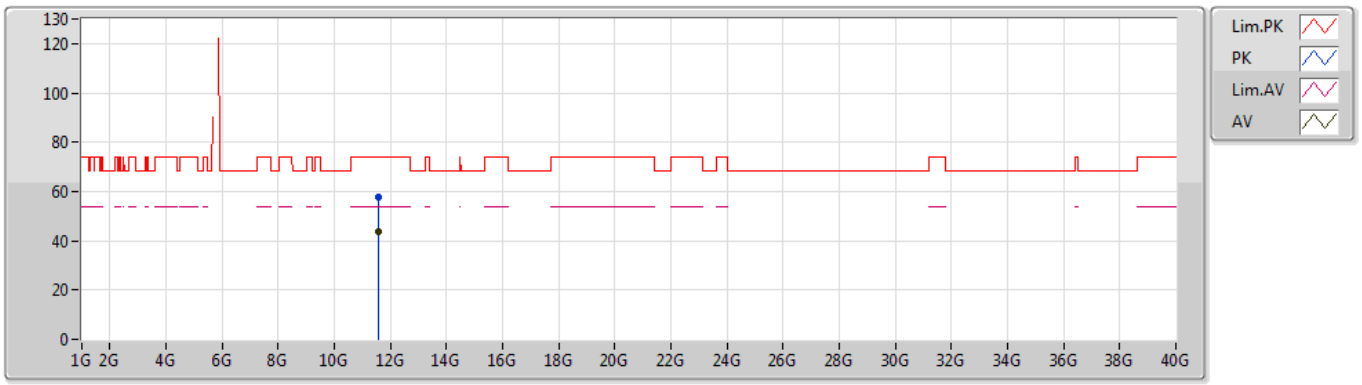
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.65G	61.13	68.20	-7.07	8.66	3	Horizontal	254	1.48	-	52.47
PK	5.79G	124.67	Inf	-Inf	8.88	3	Horizontal	254	1.48	-	115.79
AV	5.79G	111.75	Inf	-Inf	8.88	3	Horizontal	254	1.48	-	102.87
PK	5.952G	61.03	68.20	-7.17	8.92	3	Horizontal	254	1.48	-	52.11

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

10/09/2019



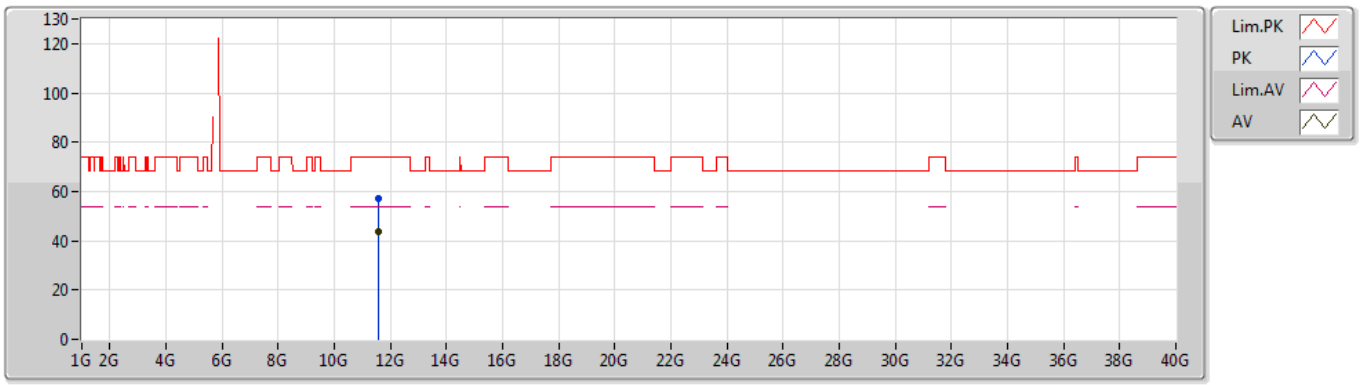
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56988G	57.68	74.00	-16.32	15.00	3	Vertical	267	2.63	-	42.68
AV	11.57096G	43.55	54.00	-10.45	15.00	3	Vertical	267	2.63	-	28.55

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

10/09/2019



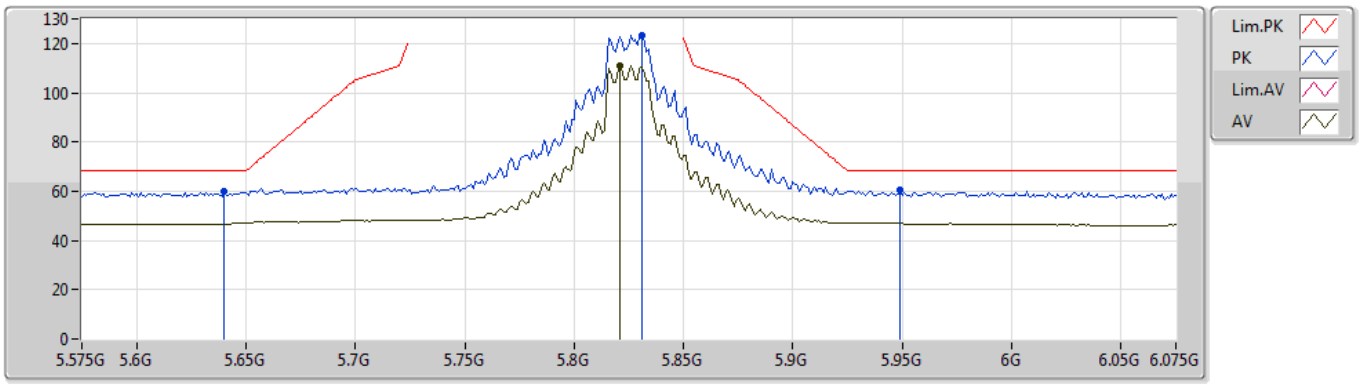
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.57044G	57.13	74.00	-16.87	15.00	3	Horizontal	187	1.42	-	42.13
AV	11.57032G	43.46	54.00	-10.54	15.00	3	Horizontal	187	1.42	-	28.46

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

10/09/2019



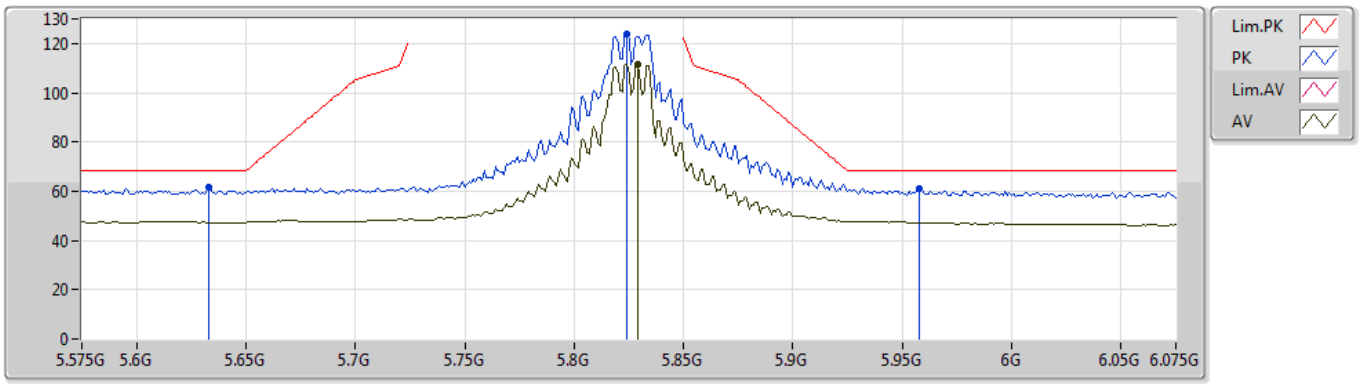
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.64G	59.74	68.20	-8.46	8.65	3	Vertical	337	2.68	-	51.09
PK	5.831G	123.40	Inf	-Inf	8.91	3	Vertical	337	2.68	-	114.49
AV	5.821G	110.93	Inf	-Inf	8.90	3	Vertical	337	2.68	-	102.03
PK	5.949G	60.42	68.20	-7.78	8.94	3	Vertical	337	2.68	-	51.48

802.11ax HEW20_Nss1,(MCS0)_4TX

10/09/2019

5825MHz_TX



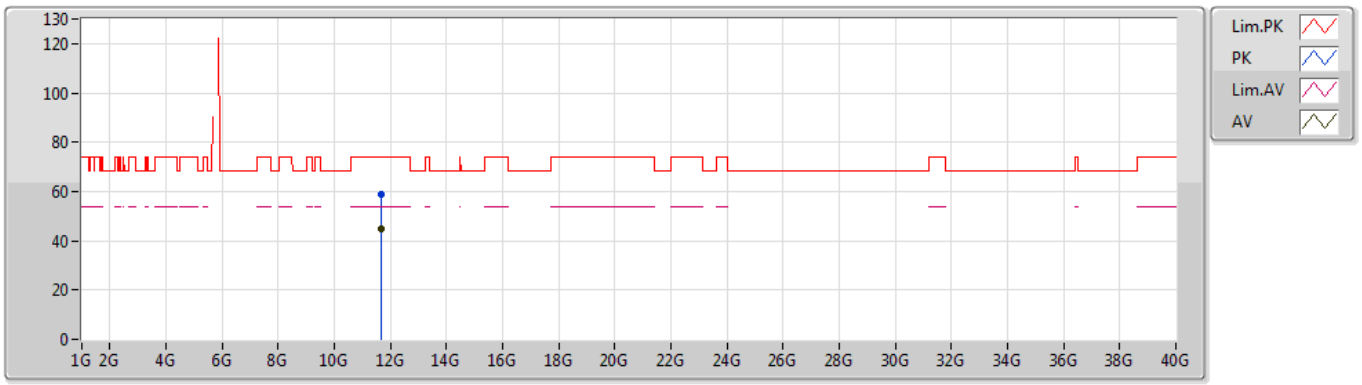
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.633G	61.38	68.20	-6.82	8.64	3	Horizontal	268	1.81	-	52.74
PK	5.824G	124.09	Inf	-Inf	8.90	3	Horizontal	268	1.81	-	115.19
AV	5.829G	111.51	Inf	-Inf	8.91	3	Horizontal	268	1.81	-	102.60
PK	5.958G	61.29	68.20	-6.91	8.92	3	Horizontal	268	1.81	-	52.37

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

10/09/2019



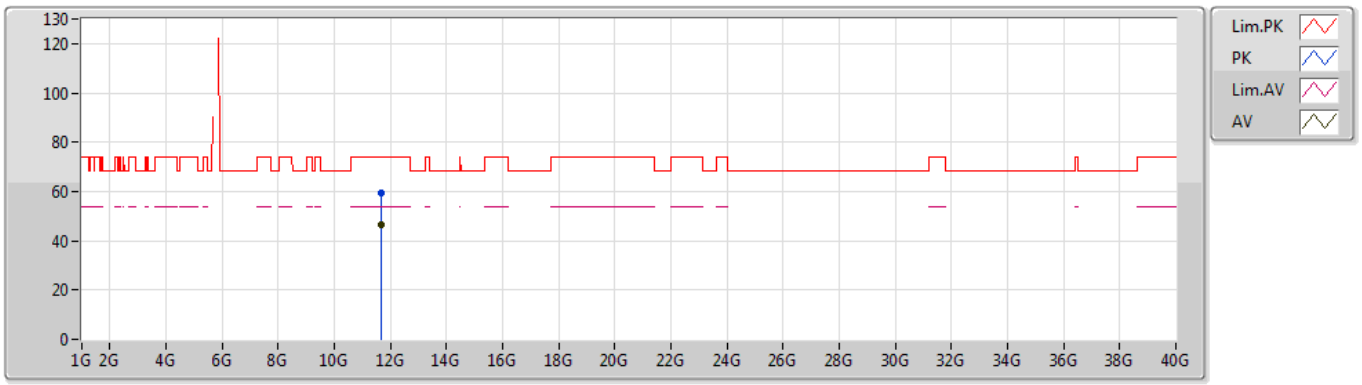
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.6506G	58.92	74.00	-15.08	15.09	3	Vertical	260	2.65	-	43.83
AV	11.6508G	44.88	54.00	-9.12	15.09	3	Vertical	260	2.65	-	29.79

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

10/09/2019



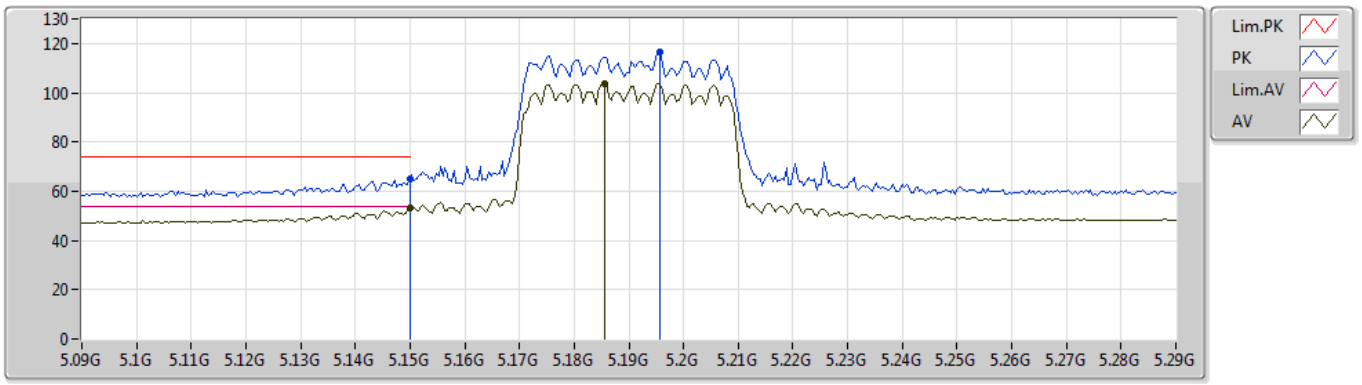
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.6516G	59.57	74.00	-14.43	15.10	3	Horizontal	234	2.51	-	44.47
AV	11.65056G	46.34	54.00	-7.66	15.09	3	Horizontal	234	2.51	-	31.25

802.11ax HEW40_Nss1,(MCS0)_4TX

10/09/2019

5190MHz_TX



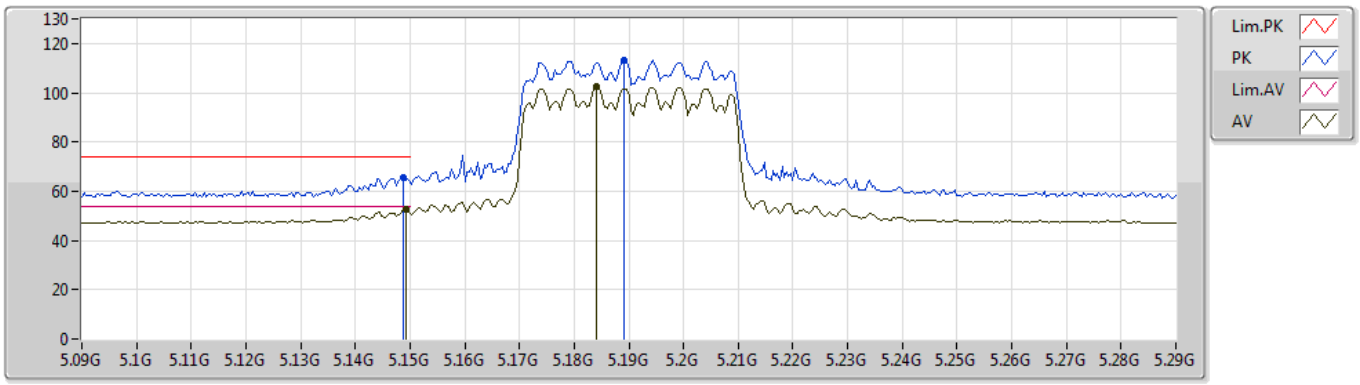
EUT Y_4TX
Setting 77
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	65.09	74.00	-8.91	7.94	3	Vertical	313	2.63	-	57.15
AV	5.15G	53.31	54.00	-0.69	7.94	3	Vertical	313	2.63	-	45.37
PK	5.1956G	116.40	Inf	-Inf	8.06	3	Vertical	313	2.63	-	108.34
AV	5.1856G	103.77	Inf	-Inf	8.03	3	Vertical	313	2.63	-	95.74

802.11ax HEW40_Nss1,(MCS0)_4TX

10/09/2019

5190MHz_TX



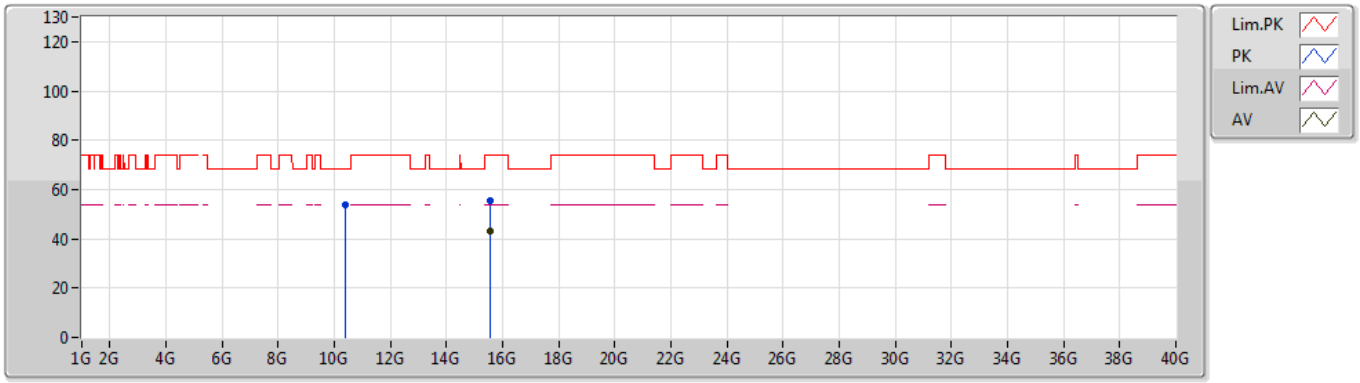
EUT Y_4TX
Setting 77
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1488G	65.45	74.00	-8.55	7.94	3	Horizontal	226	1.59	-	57.51
AV	5.1492G	52.80	54.00	-1.20	7.94	3	Horizontal	226	1.59	-	44.86
PK	5.1892G	113.28	Inf	-Inf	8.04	3	Horizontal	226	1.59	-	105.24
AV	5.184G	102.31	Inf	-Inf	8.03	3	Horizontal	226	1.59	-	94.28

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

10/09/2019



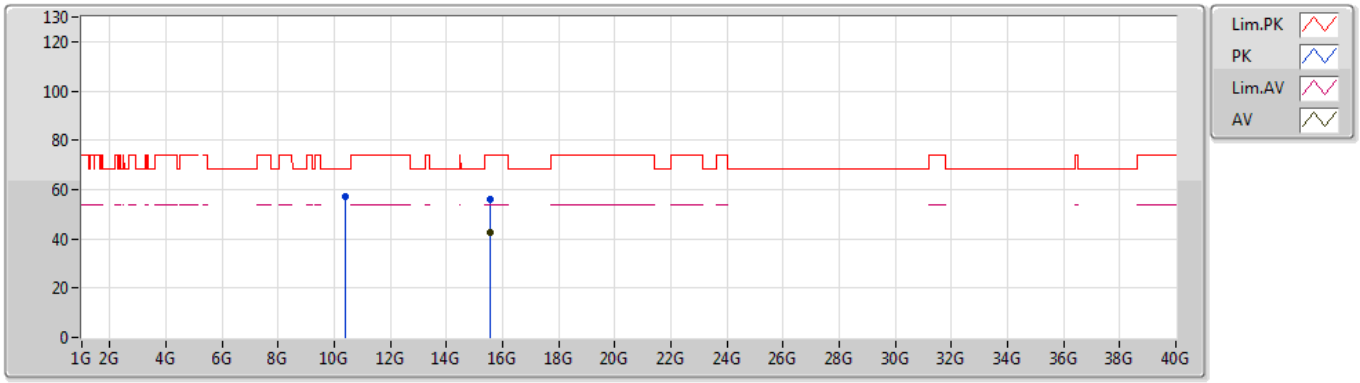
EUT Y_4TX
Setting 77
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.38864G	53.70	68.20	-14.50	14.65	3	Vertical	238	1.73	-	39.05
PK	15.5722G	55.52	74.00	-18.48	15.99	3	Vertical	274	2.01	-	39.53
AV	15.5714G	42.95	54.00	-11.05	15.99	3	Vertical	274	2.01	-	26.96

802.11ax HEW40_Nss1,(MCS0)_4TX

5190MHz_TX

10/09/2019



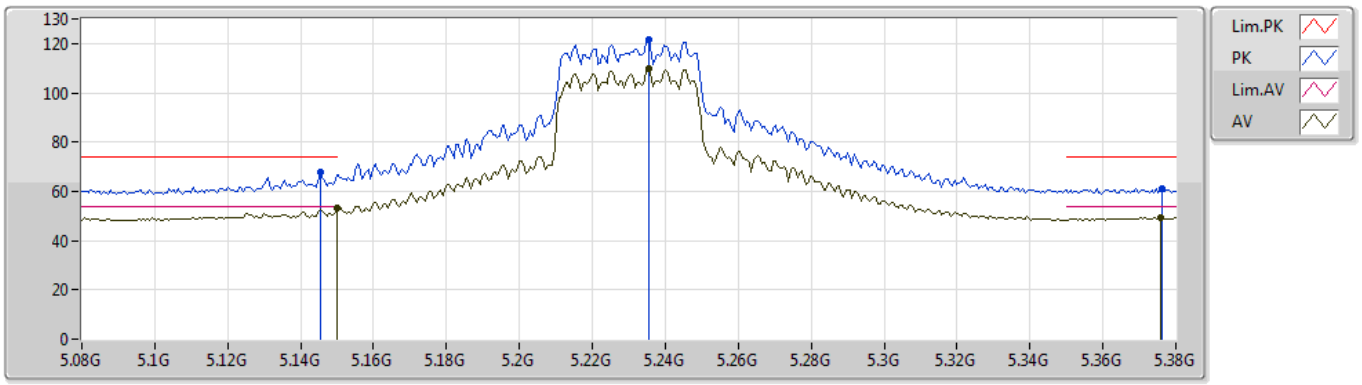
EUT Y_4TX
Setting 77
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.37888G	57.11	68.20	-11.09	14.64	3	Horizontal	229	1.64	-	42.47
PK	15.55568G	56.21	74.00	-17.79	16.03	3	Horizontal	324	2.02	-	40.18
AV	15.5536G	42.64	54.00	-11.36	16.03	3	Horizontal	324	2.02	-	26.61

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

10/09/2019



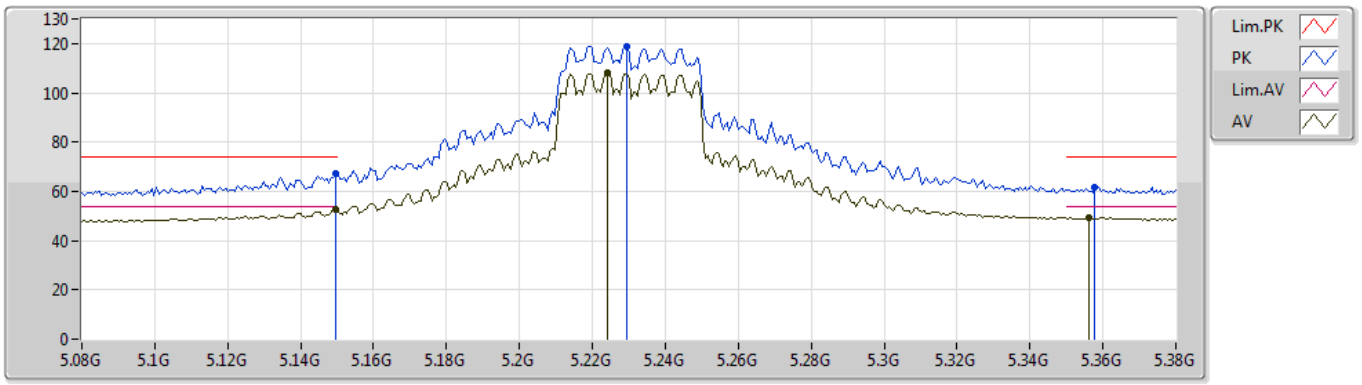
EUT Y_4TX
Setting 100
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1454G	67.69	74.00	-6.31	7.94	3	Vertical	313	2.93	-	59.75
AV	5.15G	53.46	54.00	-0.54	7.94	3	Vertical	313	2.93	-	45.52
PK	5.2354G	121.54	Inf	-Inf	8.11	3	Vertical	313	2.93	-	113.43
AV	5.2354G	109.55	Inf	-Inf	8.11	3	Vertical	313	2.93	-	101.44
PK	5.3764G	61.25	74.00	-12.75	8.31	3	Vertical	313	2.93	-	52.94
AV	5.3758G	49.15	54.00	-4.85	8.31	3	Vertical	313	2.93	-	40.84

802.11ax HEW40_Nss1,(MCS0)_4TX

10/09/2019

5230MHz_TX



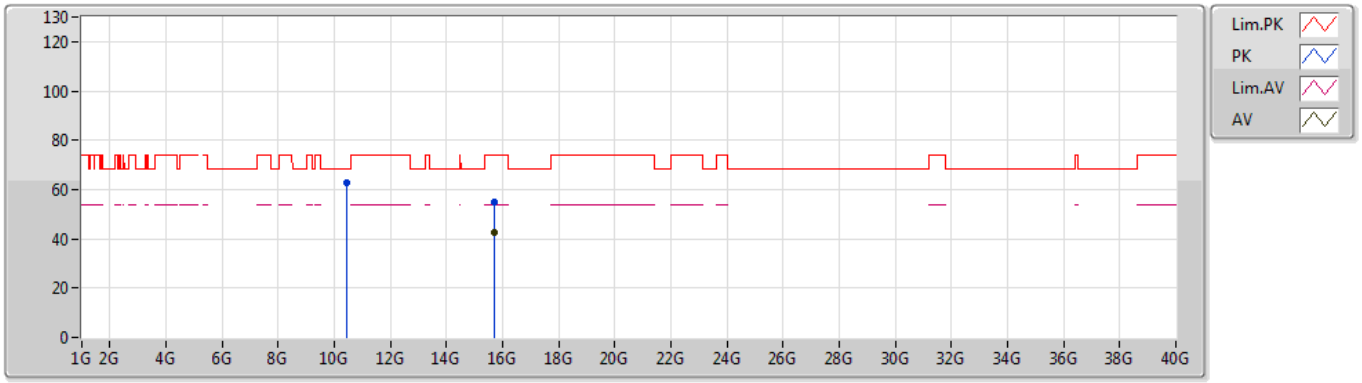
EUT Y_4TX
Setting 100
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1496G	67.23	74.00	-6.77	7.94	3	Horizontal	228	1.72	-	59.29
AV	5.1496G	52.75	54.00	-1.25	7.94	3	Horizontal	228	1.72	-	44.81
PK	5.2294G	119.05	Inf	-Inf	8.11	3	Horizontal	228	1.72	-	110.94
AV	5.224G	108.10	Inf	-Inf	8.10	3	Horizontal	228	1.72	-	100.00
PK	5.3578G	61.60	74.00	-12.40	8.28	3	Horizontal	228	1.72	-	53.32
AV	5.356G	49.22	54.00	-4.78	8.28	3	Horizontal	228	1.72	-	40.94

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

10/09/2019



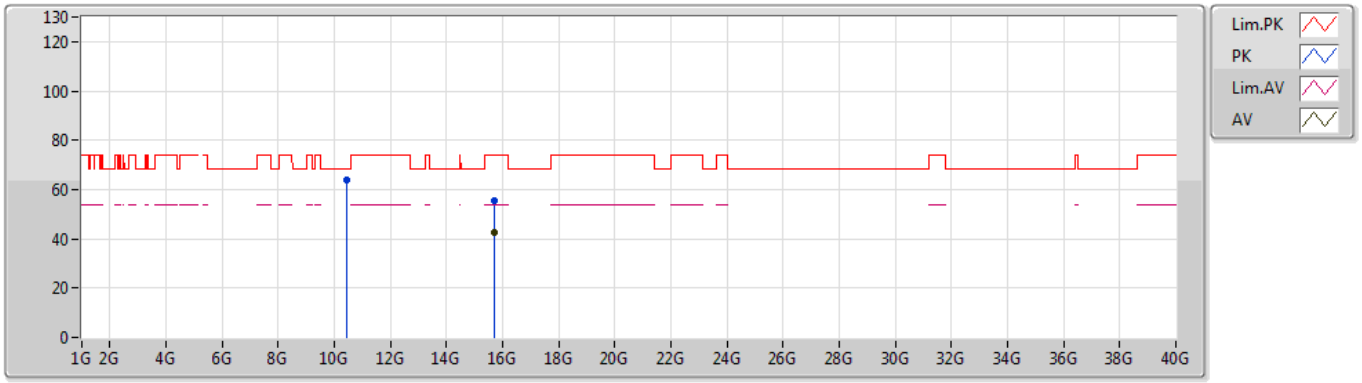
EUT Y_4TX
Setting 100
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.45888G	62.71	68.20	-5.49	14.60	3	Vertical	214	2.19	-	48.11
PK	15.68512G	54.93	74.00	-19.07	15.69	3	Vertical	306	2.10	-	39.24
AV	15.68536G	42.67	54.00	-11.33	15.69	3	Vertical	306	2.10	-	26.98

802.11ax HEW40_Nss1,(MCS0)_4TX

5230MHz_TX

10/09/2019



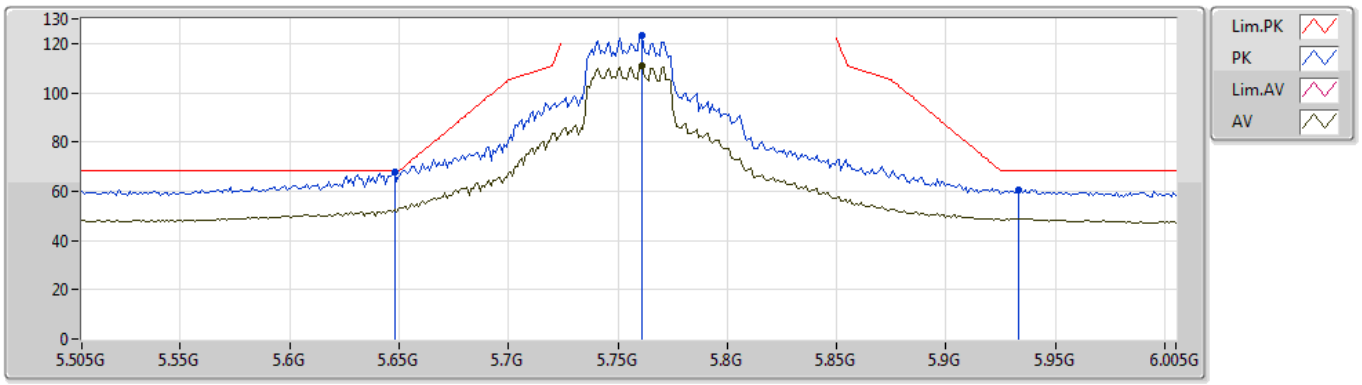
EUT Y_4TX
Setting 100
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.45888G	63.94	68.20	-4.26	14.60	3	Horizontal	221	2.15	-	49.34
PK	15.7G	55.43	74.00	-18.57	15.65	3	Horizontal	269	1.76	-	39.78
AV	15.69688G	42.52	54.00	-11.48	15.66	3	Horizontal	269	1.76	-	26.86

802.11ax HEW40_Nss1,(MCS0)_4TX

11/09/2019

5755MHz_TX



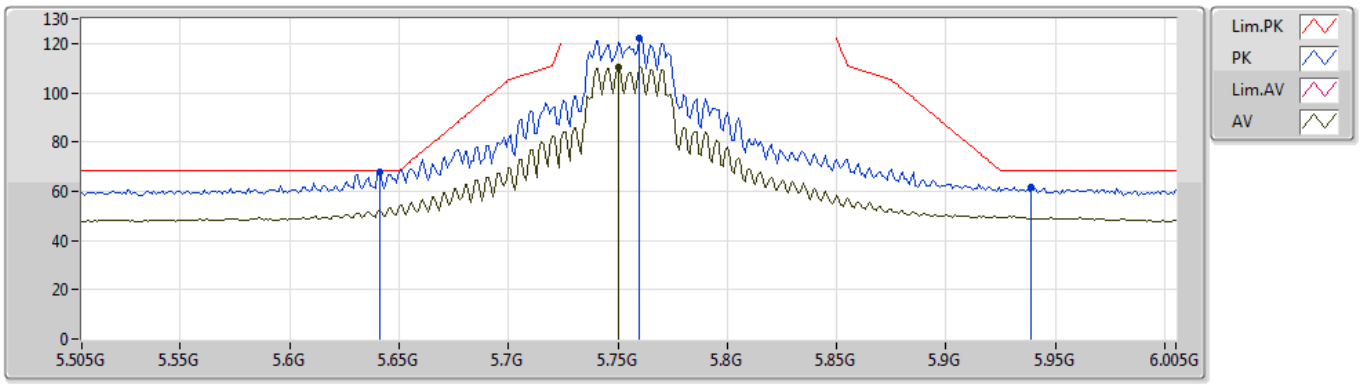
EUT Y_4TX
Setting 112
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.648G	67.67	68.20	-0.53	8.67	3	Vertical	350	2.73	-	59.00
PK	5.761G	123.18	Inf	-Inf	8.85	3	Vertical	350	2.73	-	114.33
AV	5.761G	111.16	Inf	-Inf	8.85	3	Vertical	350	2.73	-	102.31
PK	5.933G	60.74	68.20	-7.46	8.93	3	Vertical	350	2.73	-	51.81

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

11/09/2019



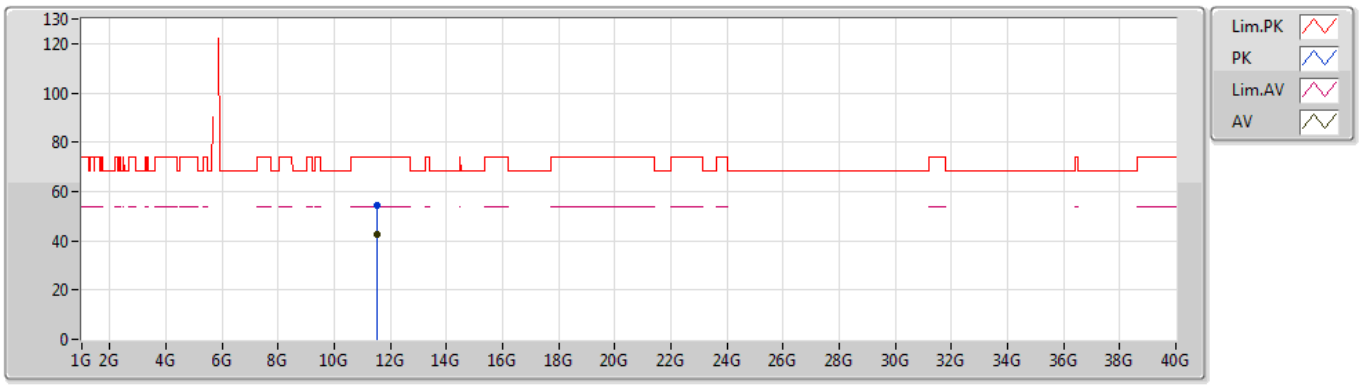
EUT Y_4TX
Setting 112
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.641G	67.63	68.20	-0.57	8.65	3	Horizontal	255	1.59	-	58.98
PK	5.76G	122.10	Inf	-Inf	8.85	3	Horizontal	255	1.59	-	113.25
AV	5.75G	110.50	Inf	-Inf	8.83	3	Horizontal	255	1.59	-	101.67
PK	5.939G	61.90	68.20	-6.30	8.93	3	Horizontal	255	1.59	-	52.97

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

11/09/2019



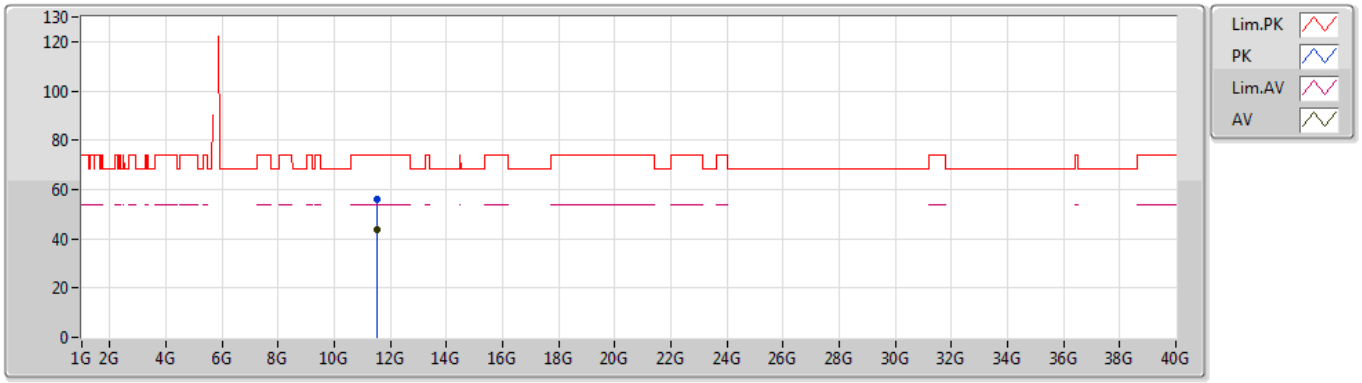
EUT Y_4TX
Setting 112
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.51198G	54.49	74.00	-19.51	14.92	3	Vertical	110	2.10	-	39.57
AV	11.51174G	42.39	54.00	-11.61	14.92	3	Vertical	110	2.10	-	27.47

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

11/09/2019



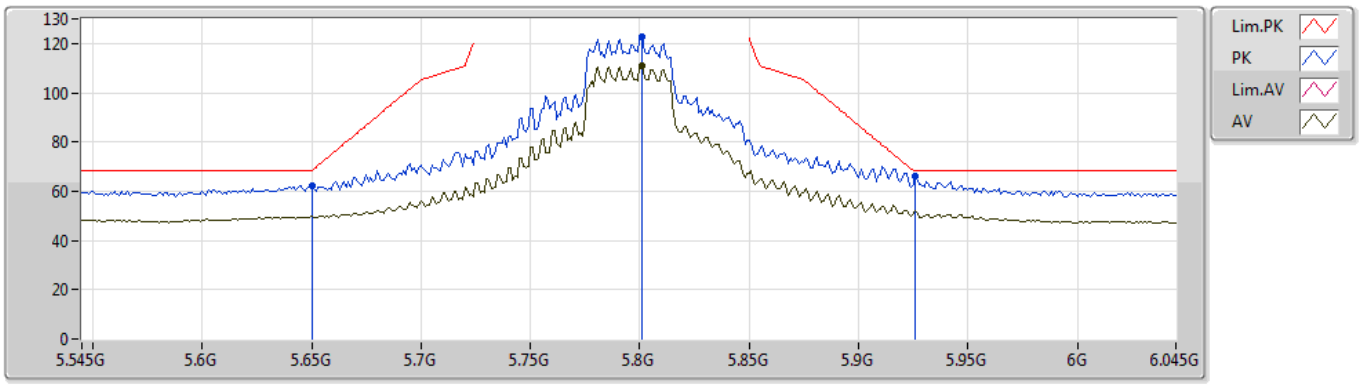
EUT Y_4TX
Setting 112
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.51176G	56.25	74.00	-17.75	14.92	3	Horizontal	190	1.45	-	41.33
AV	11.51024G	43.89	54.00	-10.11	14.92	3	Horizontal	190	1.45	-	28.97

802.11ax HEW40_Nss1,(MCS0)_4TX

11/09/2019

5795MHz_TX



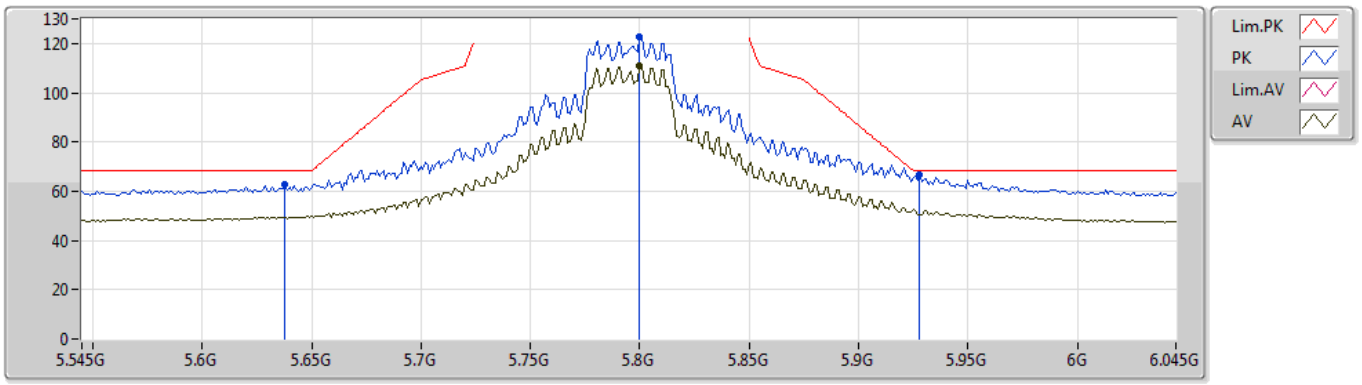
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.65G	62.03	68.20	-6.17	8.66	3	Vertical	357	2.94	-	53.37
PK	5.801G	122.76	Inf	-Inf	8.90	3	Vertical	357	2.94	-	113.86
AV	5.801G	110.70	Inf	-Inf	8.90	3	Vertical	357	2.94	-	101.80
PK	5.926G	65.91	68.20	-2.29	8.93	3	Vertical	357	2.94	-	56.98

802.11ax HEW40_Nss1,(MCS0)_4TX

11/09/2019

5795MHz_TX



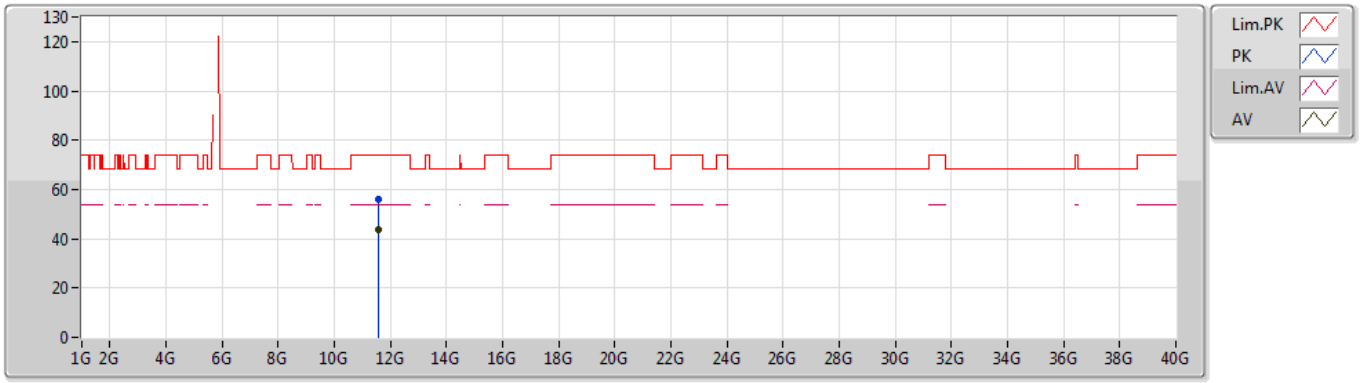
EUT Y_4TX
Setting 120
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.638G	62.62	68.20	-5.58	8.64	3	Horizontal	253	1.55	-	53.98
PK	5.8G	122.72	Inf	-Inf	8.90	3	Horizontal	253	1.55	-	113.82
AV	5.8G	110.85	Inf	-Inf	8.90	3	Horizontal	253	1.55	-	101.95
PK	5.928G	66.76	68.20	-1.44	8.93	3	Horizontal	253	1.55	-	57.83

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

11/09/2019



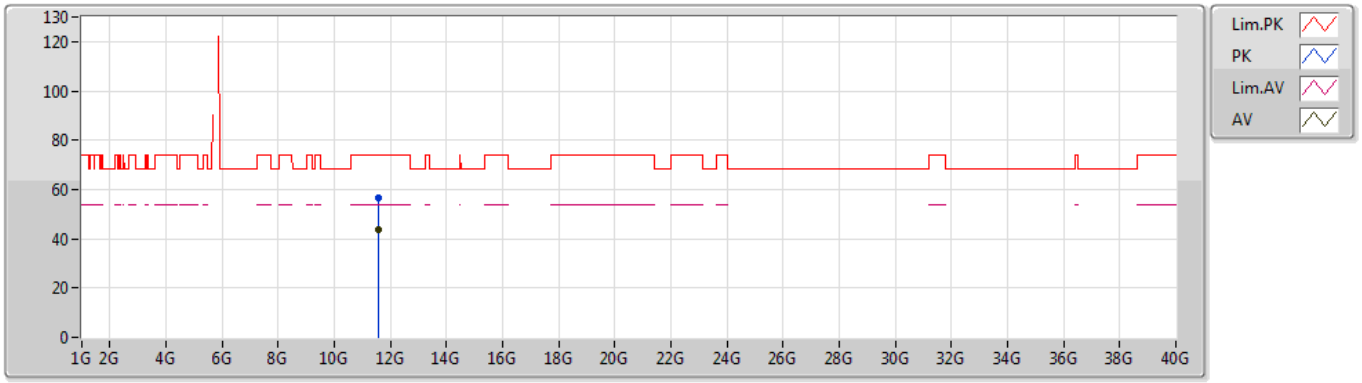
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.59144G	55.98	74.00	-18.02	15.02	3	Vertical	249	2.87	-	40.96
AV	11.59112G	43.54	54.00	-10.46	15.02	3	Vertical	249	2.87	-	28.52

802.11ax HEW40_Nss1,(MCS0)_4TX

11/09/2019

5795MHz_TX



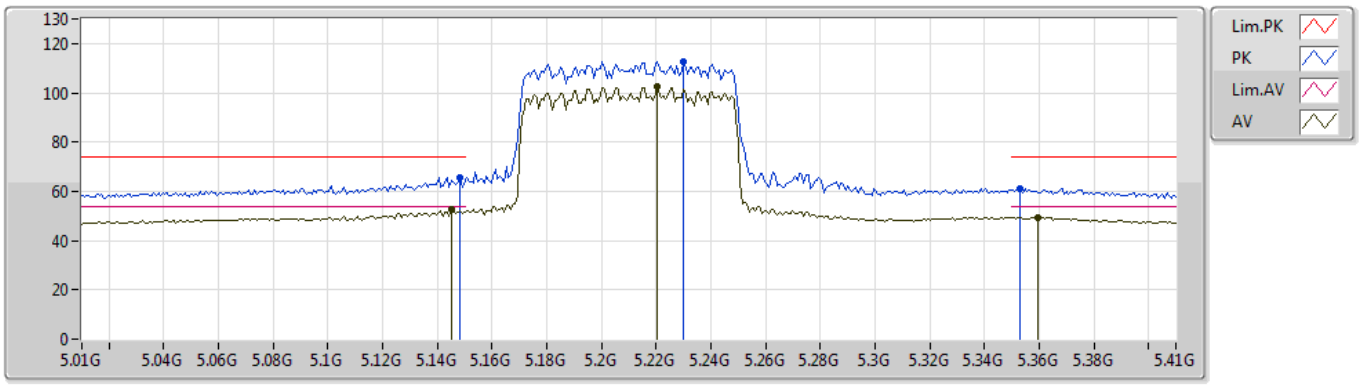
EUT Y_4TX
Setting 120
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.58912G	56.46	74.00	-17.54	15.02	3	Horizontal	187	1.47	-	41.44
AV	11.59032G	43.81	54.00	-10.19	15.02	3	Horizontal	187	1.47	-	28.79

802.11ax HEW80_Nss1,(MCS0)_4TX

11/09/2019

5210MHz_TX



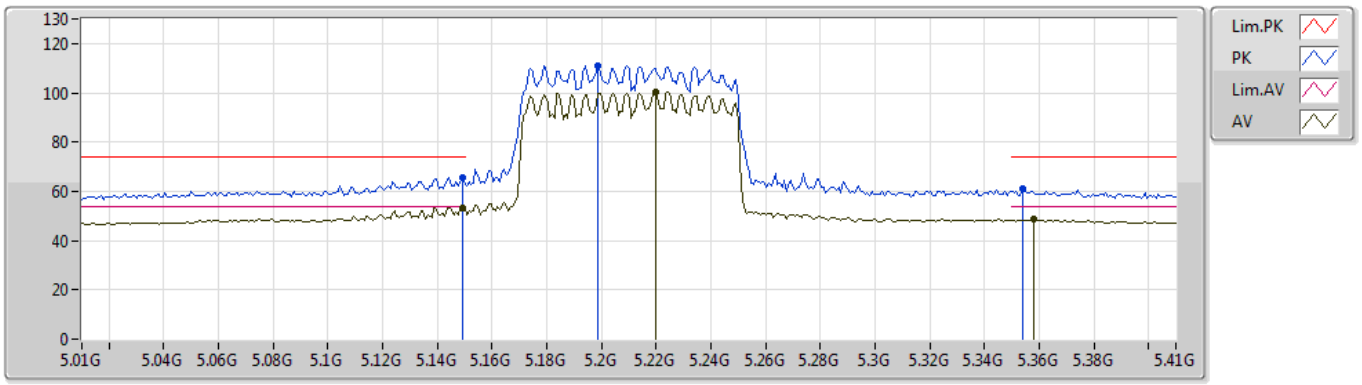
EUT Y_4TX
Setting 77
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1484G	65.74	74.00	-8.26	7.94	3	Vertical	314	2.84	-	57.80
AV	5.1452G	52.43	54.00	-1.57	7.94	3	Vertical	314	2.84	-	44.49
PK	5.23G	112.78	Inf	-Inf	8.11	3	Vertical	314	2.84	-	104.67
AV	5.2204G	102.34	Inf	-Inf	8.09	3	Vertical	314	2.84	-	94.25
PK	5.3532G	61.11	74.00	-12.89	8.28	3	Vertical	314	2.84	-	52.83
AV	5.3596G	49.49	54.00	-4.51	8.29	3	Vertical	314	2.84	-	41.20

802.11ax HEW80_Nss1,(MCS0)_4TX

11/09/2019

5210MHz_TX



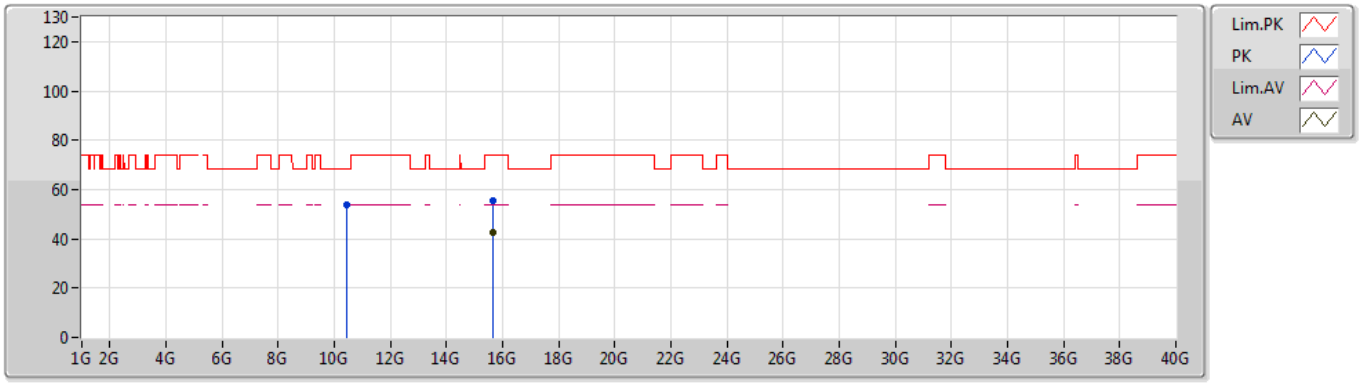
EUT Y_4TX
Setting 77
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1492G	65.37	74.00	-8.63	7.94	3	Horizontal	228	1.72	-	57.43
AV	5.1492G	53.46	54.00	-0.54	7.94	3	Horizontal	228	1.72	-	45.52
PK	5.1988G	111.08	Inf	-Inf	8.06	3	Horizontal	228	1.72	-	103.02
AV	5.2196G	100.17	Inf	-Inf	8.09	3	Horizontal	228	1.72	-	92.08
PK	5.354G	61.03	74.00	-12.97	8.28	3	Horizontal	228	1.72	-	52.75
AV	5.358G	48.49	54.00	-5.51	8.28	3	Horizontal	228	1.72	-	40.21

802.11ax HEW80_Nss1,(MCS0)_4TX

11/09/2019

5210MHz_TX



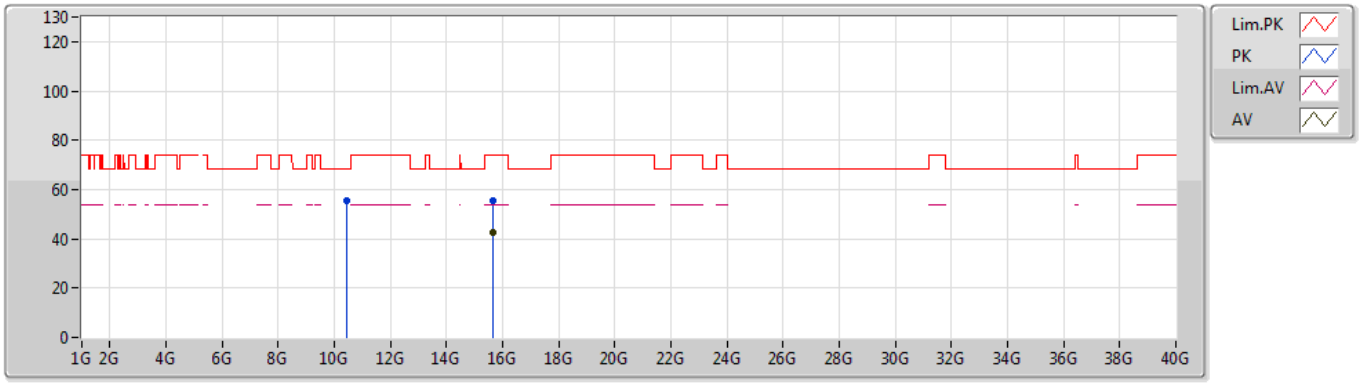
EUT Y_4TX
Setting 77
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.42368G	54.00	68.20	-14.20	14.62	3	Vertical	85	1.72	-	39.38
PK	15.63234G	55.46	74.00	-18.54	15.83	3	Vertical	212	2.26	-	39.63
AV	15.6337G	42.54	54.00	-11.46	15.82	3	Vertical	212	2.26	-	26.72

802.11ax HEW80_Nss1,(MCS0)_4TX

5210MHz_TX

11/09/2019



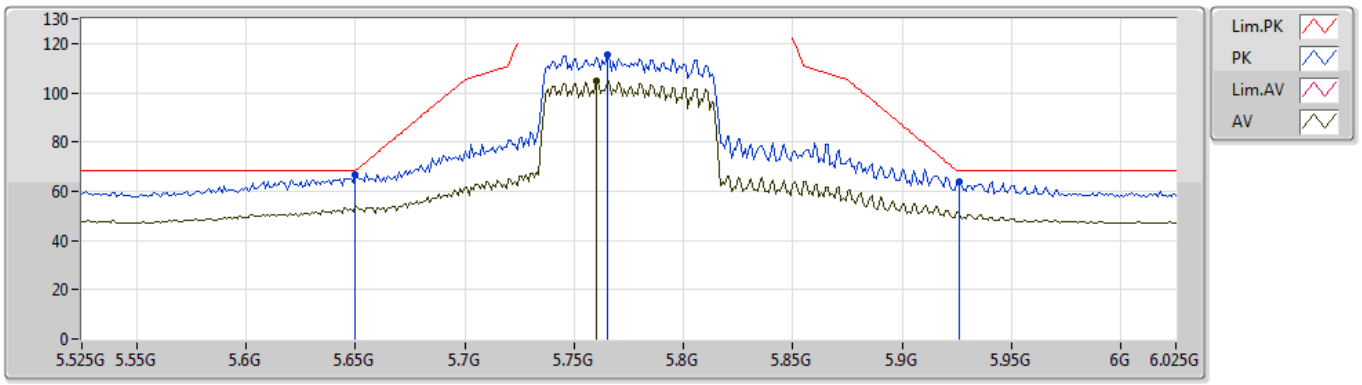
EUT Y_4TX
Setting 77
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.42096G	55.44	68.20	-12.76	14.63	3	Horizontal	279	1.64	-	40.81
PK	15.6315G	55.38	74.00	-18.62	15.83	3	Horizontal	264	1.05	-	39.55
AV	15.63152G	42.69	54.00	-11.31	15.83	3	Horizontal	264	1.05	-	26.86

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

11/09/2019



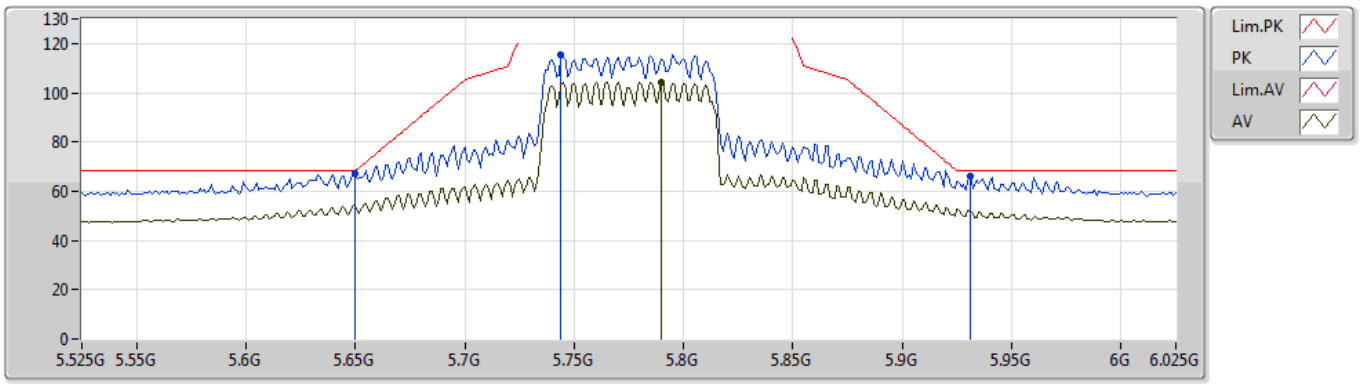
EUT Y_4TX
Setting 96
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.65G	66.58	68.20	-1.62	8.66	3	Vertical	344	2.98	-	57.92
PK	5.765G	115.46	Inf	-Inf	8.84	3	Vertical	344	2.98	-	106.62
AV	5.76G	104.95	Inf	-Inf	8.85	3	Vertical	344	2.98	-	96.10
PK	5.926G	63.83	68.20	-4.37	8.93	3	Vertical	344	2.98	-	54.90

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

11/09/2019



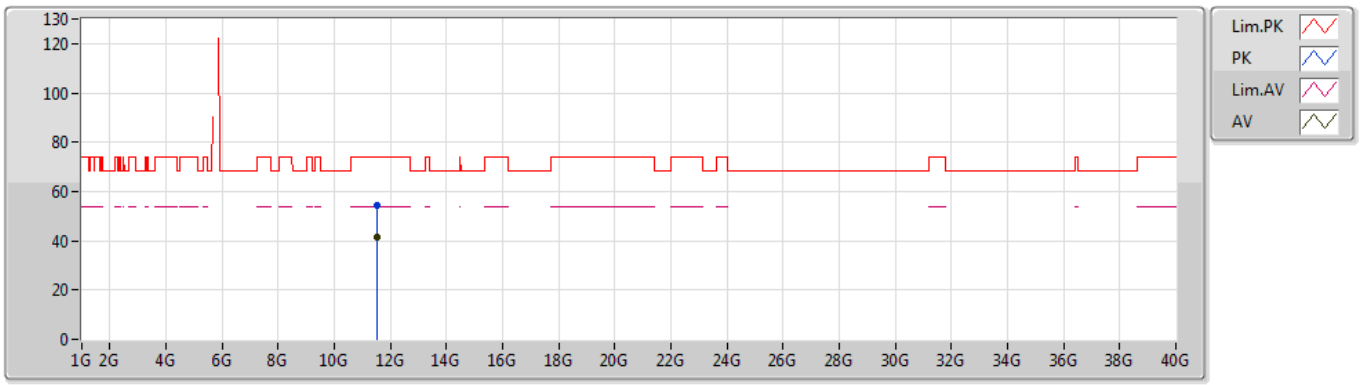
EUT Y_4TX
Setting 96
02-B-4-10
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.65G	67.51	68.20	-0.69	8.66	3	Horizontal	252	1.54	-	58.85
PK	5.744G	115.42	Inf	-Inf	8.82	3	Horizontal	252	1.54	-	106.60
AV	5.79G	104.43	Inf	-Inf	8.88	3	Horizontal	252	1.54	-	95.55
PK	5.931G	66.36	68.20	-1.84	8.93	3	Horizontal	252	1.54	-	57.43

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

11/09/2019



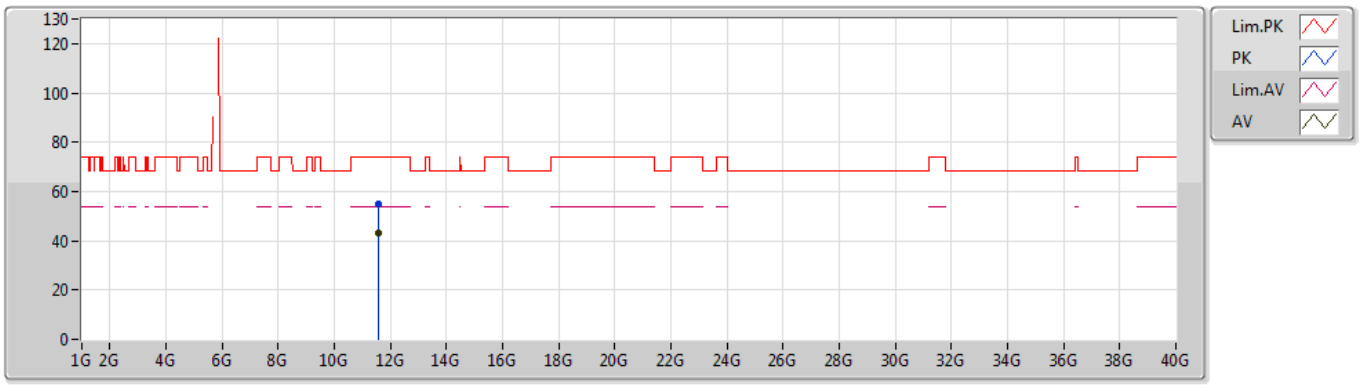
EUT Y_4TX
Setting 96
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.54552G	54.21	74.00	-19.79	14.97	3	Vertical	176	1.84	-	39.24
AV	11.54512G	41.64	54.00	-12.36	14.97	3	Vertical	176	1.84	-	26.67

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

11/09/2019



EUT Y_4TX
Setting 96
02-B-4
FSU(100015)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.55088G	55.19	74.00	-18.81	14.97	3	Horizontal	355	2.07	-	40.22
AV	11.55016G	43.16	54.00	-10.84	14.97	3	Horizontal	355	2.07	-	28.19

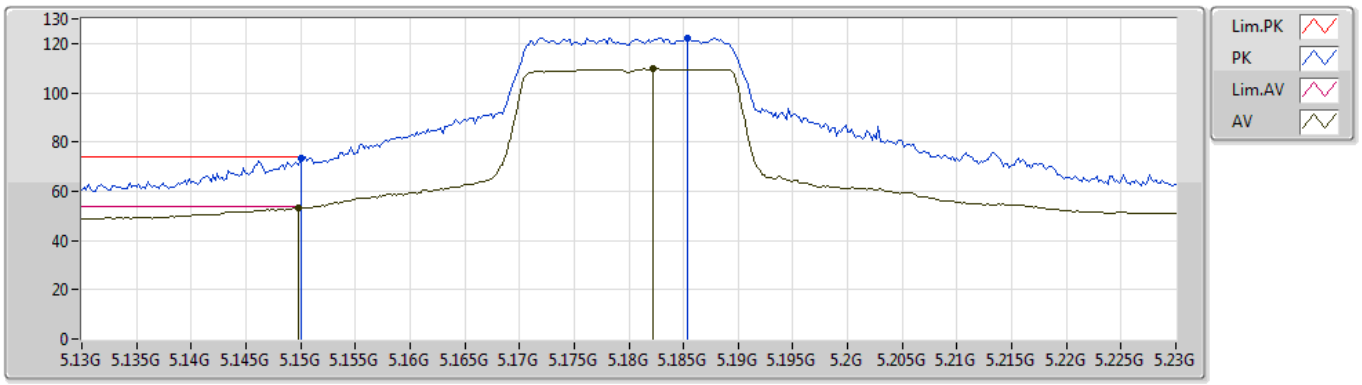
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	Pass	PK	5.933G	67.68	68.20	-0.52	6.18	3	Horizontal	282	1.42	-

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

16/09/2019



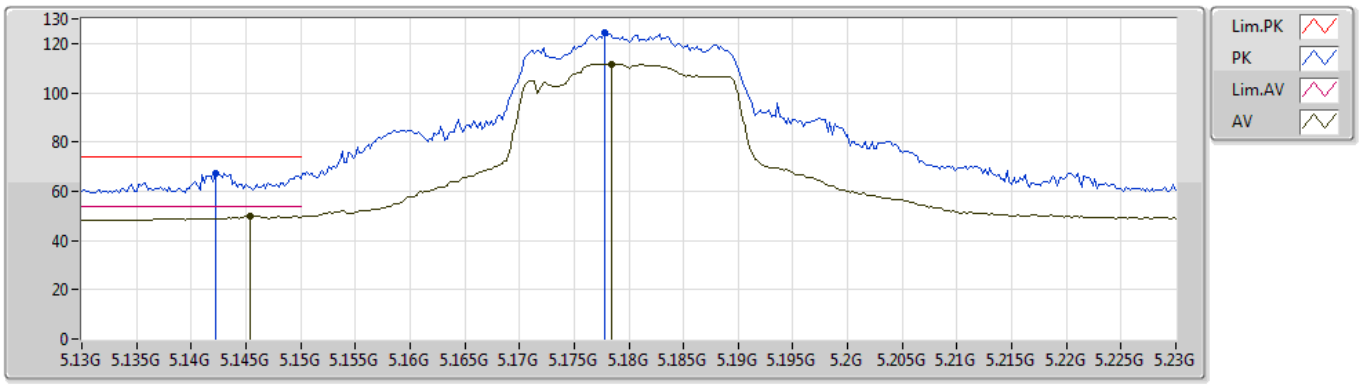
EUT Y_4TX
Setting 88
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	73.16	74.00	-0.84	5.50	3	Vertical	326	1.85	-	67.66
AV	5.1498G	53.47	54.00	-0.53	5.50	3	Vertical	326	1.85	-	47.97
PK	5.1854G	122.39	Inf	-Inf	5.60	3	Vertical	326	1.85	-	116.79
AV	5.1822G	109.66	Inf	-Inf	5.59	3	Vertical	326	1.85	-	104.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

16/09/2019

5180MHz_TX



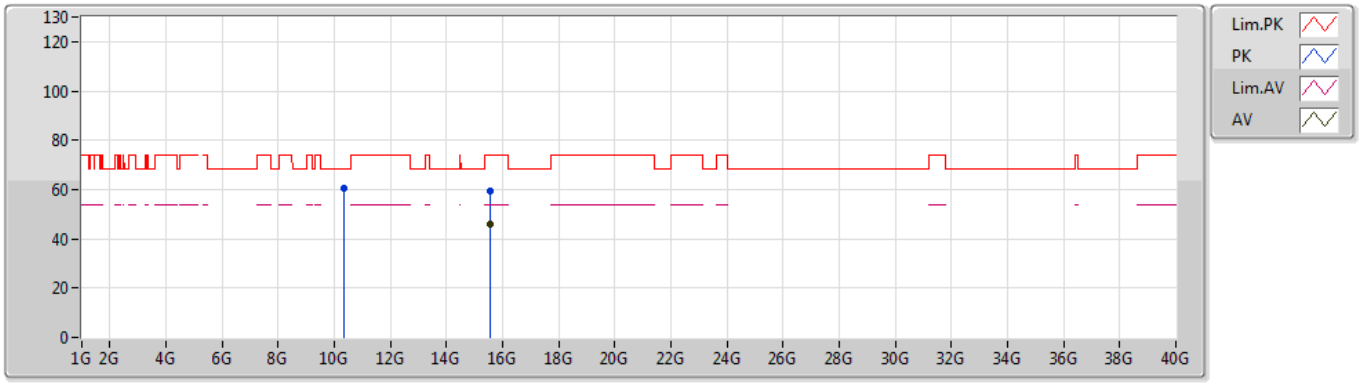
EUT Y_4TX
Setting 88
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1422G	67.39	74.00	-6.61	5.48	3	Horizontal	264	1.51	-	61.91
AV	5.1454G	49.87	54.00	-4.13	5.50	3	Horizontal	264	1.51	-	44.37
PK	5.1778G	124.23	Inf	-Inf	5.58	3	Horizontal	264	1.51	-	118.65
AV	5.1784G	111.73	Inf	-Inf	5.58	3	Horizontal	264	1.51	-	106.15

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

16/09/2019



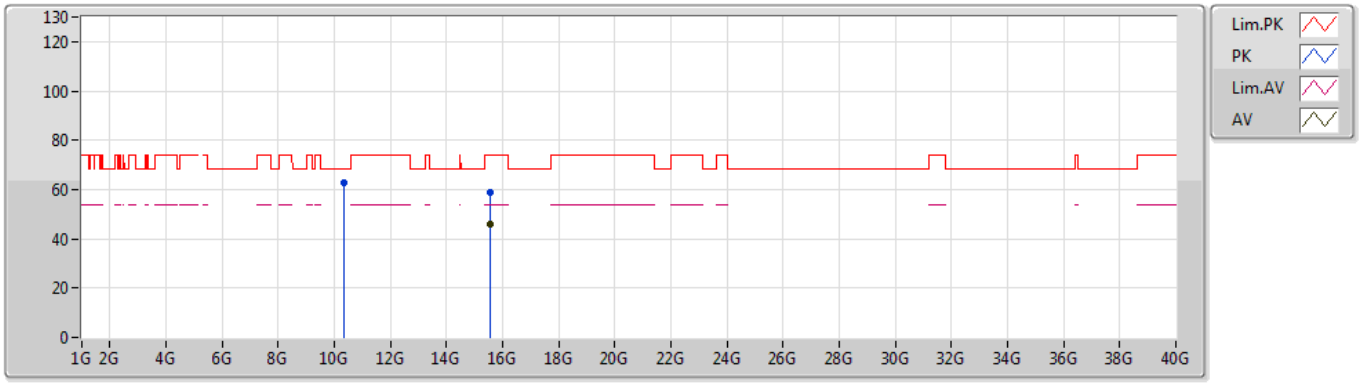
EUT Y_4TX
Setting 88
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.36462G	60.41	68.20	-7.79	12.19	3	Vertical	264	2.05	-	48.22
PK	15.54924G	59.38	74.00	-14.62	14.36	3	Vertical	343	1.50	-	45.02
AV	15.55308G	46.16	54.00	-7.84	14.36	3	Vertical	343	1.50	-	31.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

16/09/2019



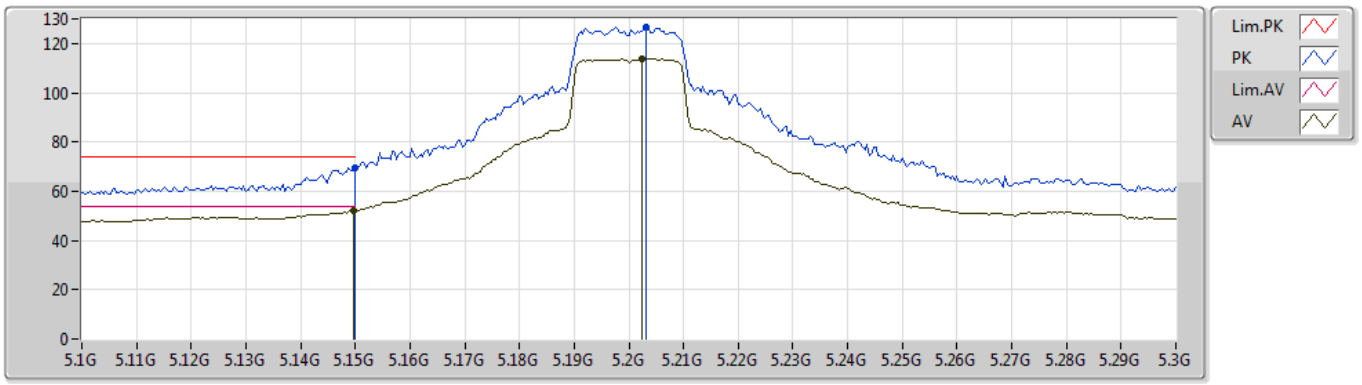
EUT Y_4TX
Setting 88
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.36168G	62.58	68.20	-5.62	12.19	3	Horizontal	224	2.31	-	50.39
PK	15.55332G	59.07	74.00	-14.93	14.36	3	Horizontal	48	1.50	-	44.71
AV	15.55446G	46.17	54.00	-7.83	14.36	3	Horizontal	48	1.50	-	31.81

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

16/09/2019



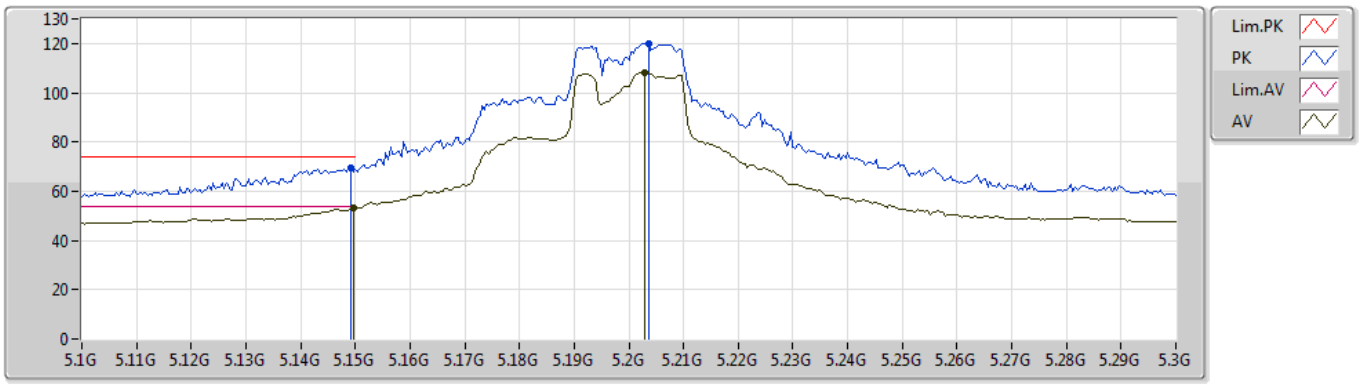
EUT Y_4TX
Setting 105
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	69.72	74.00	-4.28	5.50	3	Vertical	331	1.49	-	64.22
AV	5.1496G	52.27	54.00	-1.73	5.50	3	Vertical	331	1.49	-	46.77
PK	5.2032G	126.68	Inf	-Inf	5.65	3	Vertical	331	1.49	-	121.03
AV	5.2024G	113.81	Inf	-Inf	5.64	3	Vertical	331	1.49	-	108.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

16/09/2019

5200MHz_TX



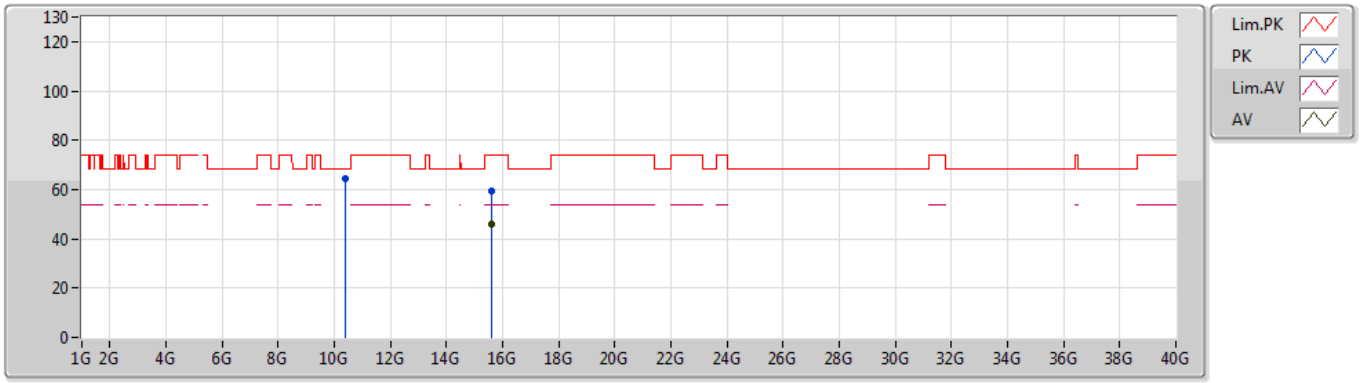
EUT Y_4TX
Setting 105
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1492G	69.39	74.00	-4.61	5.50	3	Horizontal	283	2.52	-	63.89
AV	5.1496G	53.34	54.00	-0.66	5.50	3	Horizontal	283	2.52	-	47.84
PK	5.2036G	119.94	Inf	-Inf	5.65	3	Horizontal	283	2.52	-	114.29
AV	5.2028G	108.38	Inf	-Inf	5.65	3	Horizontal	283	2.52	-	102.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

16/09/2019



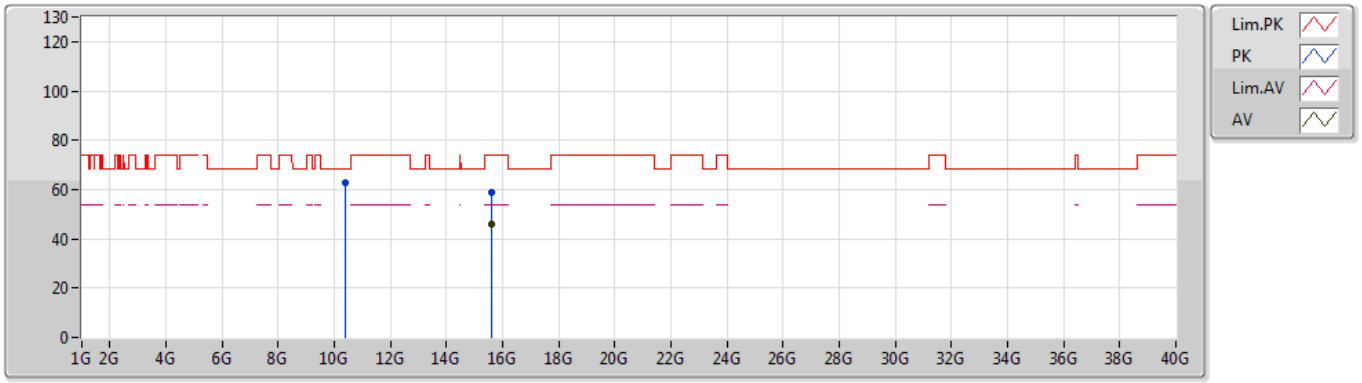
EUT Y_4TX
Setting 105
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.4026G	64.20	68.20	-4.00	12.22	3	Vertical	248	2.65	-	51.98
PK	15.60272G	59.38	74.00	-14.62	14.18	3	Vertical	96	1.84	-	45.20
AV	15.60676G	46.07	54.00	-7.93	14.16	3	Vertical	96	1.84	-	31.91

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

16/09/2019



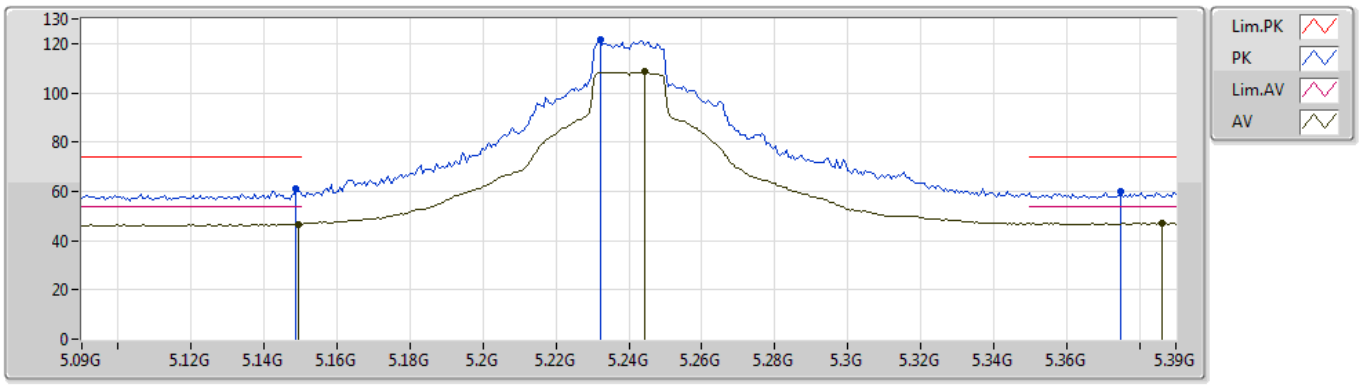
EUT Y_4TX
Setting 105
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.40192G	62.88	68.20	-5.32	12.22	3	Horizontal	243	1.87	-	50.66
PK	15.59408G	58.96	74.00	-15.04	14.21	3	Horizontal	161	2.59	-	44.75
AV	15.5992G	45.85	54.00	-8.15	14.18	3	Horizontal	161	2.59	-	31.67

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

16/09/2019



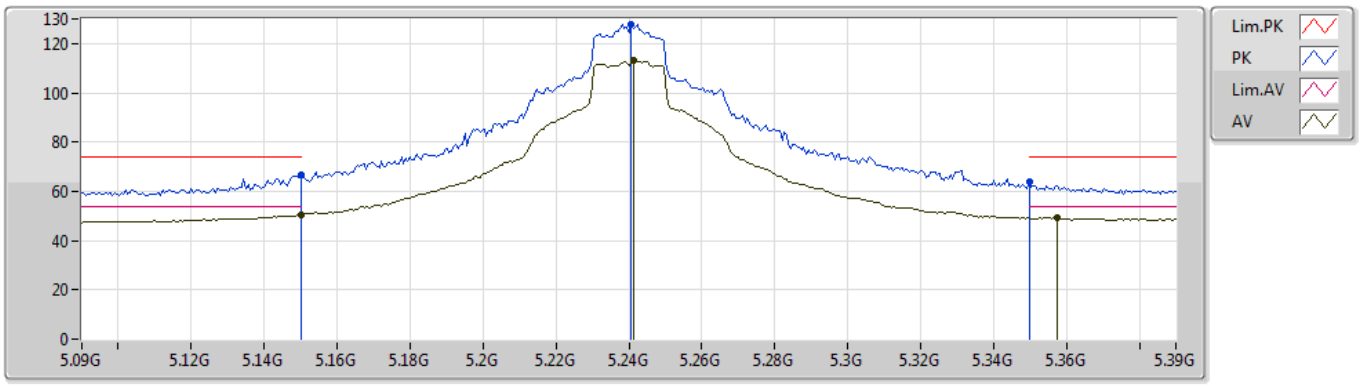
EUT Y_4TX
Setting 120
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1488G	60.82	74.00	-13.18	5.50	3	Vertical	319	1.65	-	55.32
AV	5.1494G	46.72	54.00	-7.28	5.50	3	Vertical	319	1.65	-	41.22
PK	5.2322G	121.37	Inf	-Inf	5.68	3	Vertical	319	1.65	-	115.69
AV	5.2442G	108.43	Inf	-Inf	5.71	3	Vertical	319	1.65	-	102.72
PK	5.375G	59.73	74.00	-14.27	5.82	3	Vertical	319	1.65	-	53.91
AV	5.3864G	47.08	54.00	-6.92	5.84	3	Vertical	319	1.65	-	41.24

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

16/09/2019



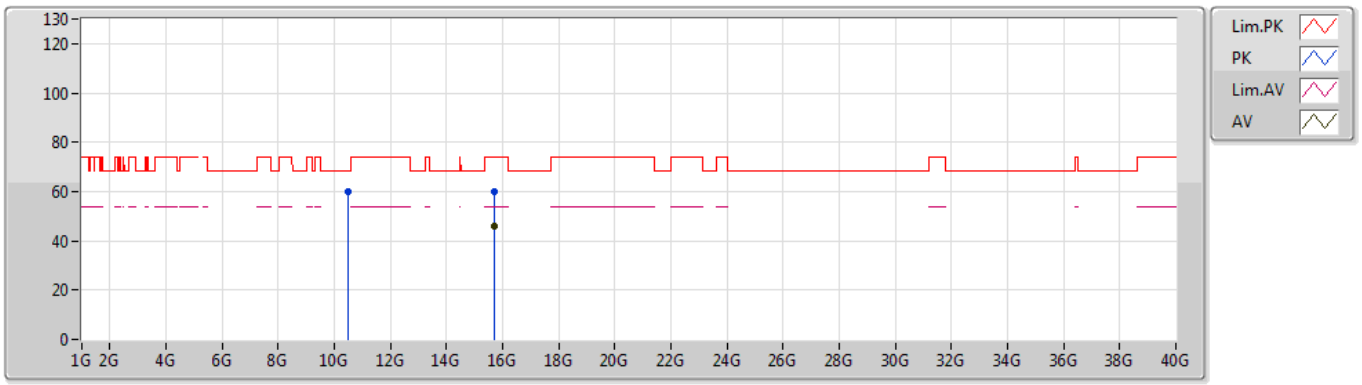
EUT Y_4TX
Setting 120
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	66.52	74.00	-7.48	5.50	3	Horizontal	103	1.46	-	61.02
AV	5.15G	50.41	54.00	-3.59	5.50	3	Horizontal	103	1.46	-	44.91
PK	5.2406G	128.02	Inf	-Inf	5.70	3	Horizontal	103	1.46	-	122.32
AV	5.2412G	112.95	Inf	-Inf	5.70	3	Horizontal	103	1.46	-	107.25
PK	5.35G	63.77	74.00	-10.23	5.81	3	Horizontal	103	1.46	-	57.96
AV	5.3576G	49.27	54.00	-4.73	5.82	3	Horizontal	103	1.46	-	43.45

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

16/09/2019



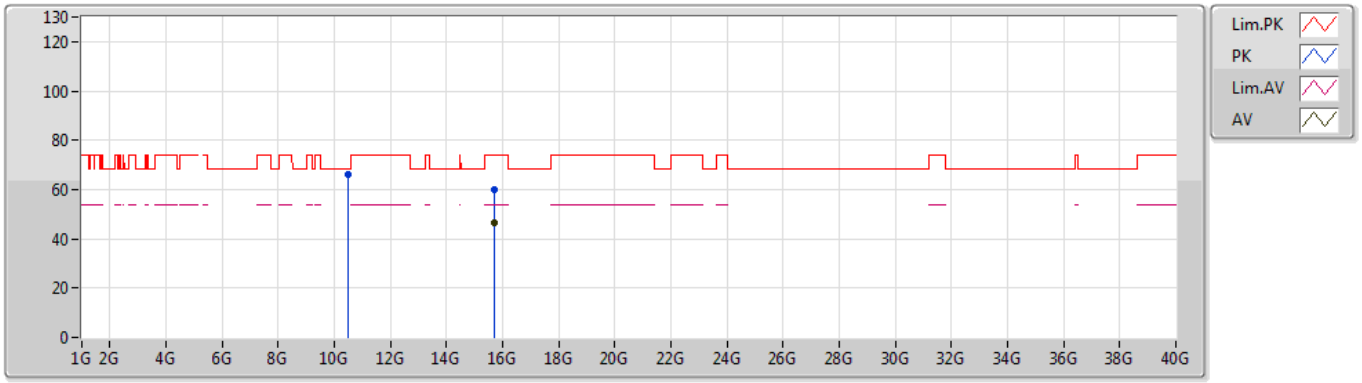
EUT Y_4TX
Setting 120
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.48124G	60.04	68.20	-8.16	12.30	3	Vertical	311	1.93	-	47.74
PK	15.72072G	59.83	74.00	-14.17	13.75	3	Vertical	236	1.49	-	46.08
AV	15.71304G	46.20	54.00	-7.80	13.78	3	Vertical	236	1.49	-	32.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

16/09/2019



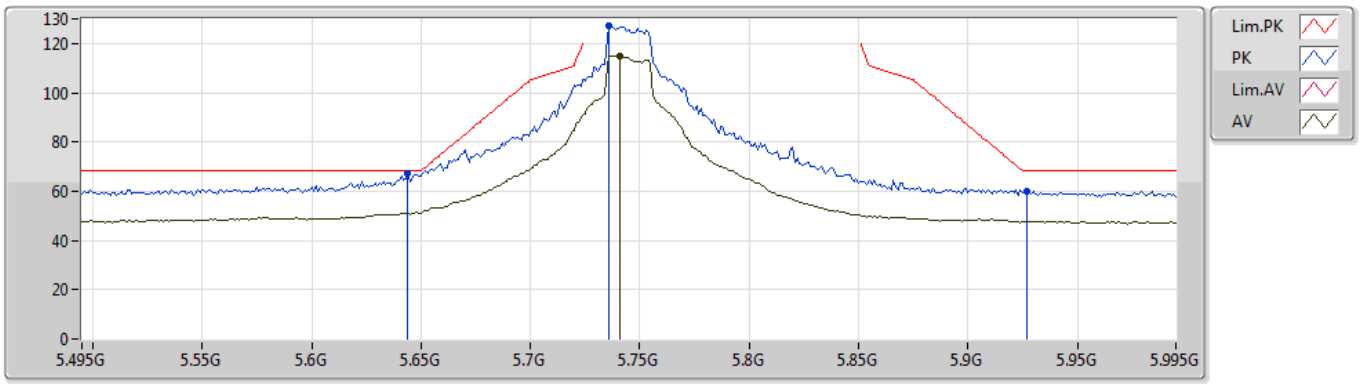
EUT Y_4TX
Setting 120
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.48388G	66.08	68.20	-2.12	12.30	3	Horizontal	347	1.74	-	53.78
PK	15.71724G	59.73	74.00	-14.27	13.76	3	Horizontal	346	1.56	-	45.97
AV	15.71224G	46.41	54.00	-7.59	13.78	3	Horizontal	346	1.56	-	32.63

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

17/09/2019



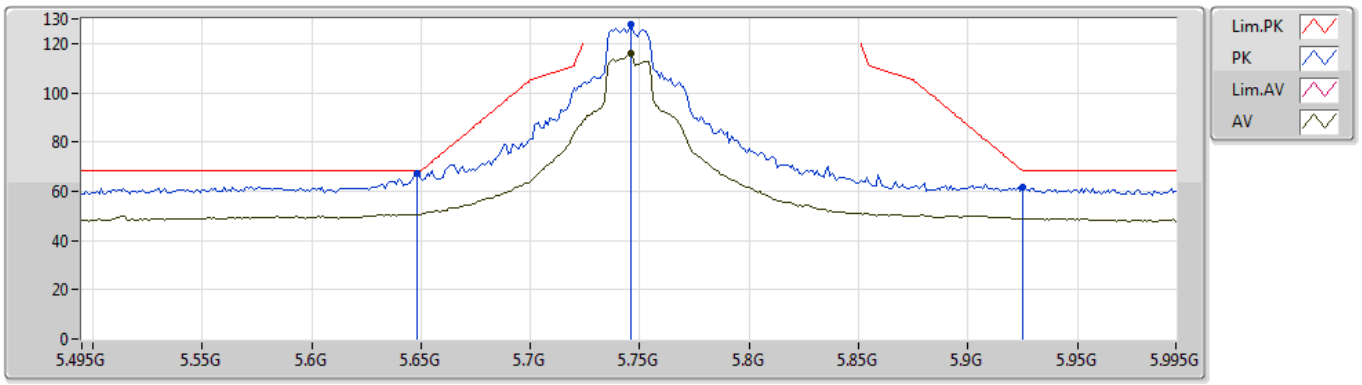
EUT Y_4TX
Setting 117
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.644G	67.42	68.20	-0.78	6.07	3	Vertical	284	1.30	-	61.35
PK	5.736G	127.19	Inf	-Inf	5.87	3	Vertical	284	1.30	-	121.32
AV	5.741G	115.05	Inf	-Inf	5.87	3	Vertical	284	1.30	-	109.18
PK	5.927G	59.85	68.20	-8.35	6.15	3	Vertical	284	1.30	-	53.70

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

17/09/2019



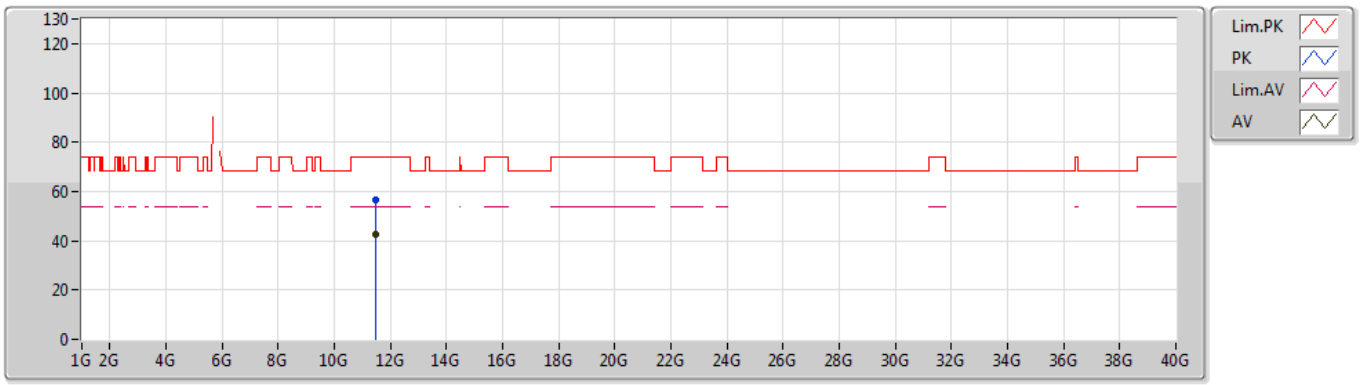
EUT Y_4TX
Setting 117
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.648G	67.07	68.20	-1.13	6.06	3	Horizontal	283	1.44	-	61.01
PK	5.746G	127.79	Inf	-Inf	5.86	3	Horizontal	283	1.44	-	121.93
AV	5.746G	115.86	Inf	-Inf	5.86	3	Horizontal	283	1.44	-	110.00
PK	5.925G	61.62	68.20	-6.58	6.15	3	Horizontal	283	1.44	-	55.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

17/09/2019



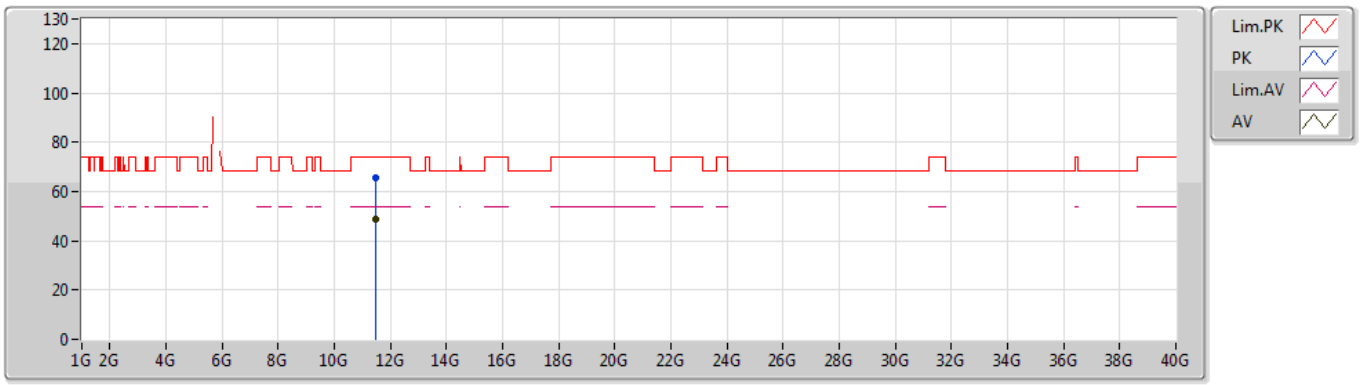
EUT Y_4TX
Setting 117
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48668G	56.40	74.00	-17.60	13.00	3	Vertical	277	2.84	-	43.40
AV	11.49492G	42.58	54.00	-11.42	13.01	3	Vertical	277	2.84	-	29.57

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

17/09/2019



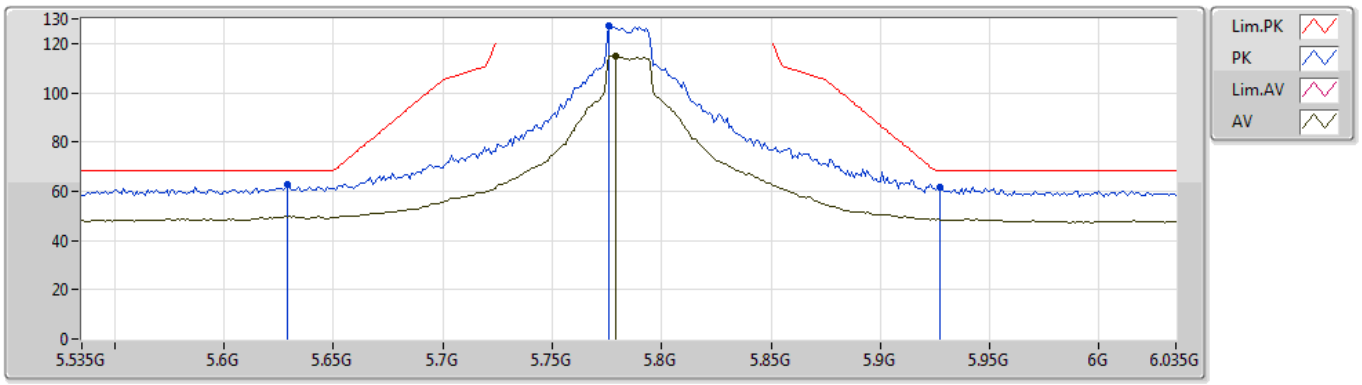
EUT Y_4TX
Setting 117
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.48244G	65.37	74.00	-8.63	13.00	3	Horizontal	325	1.51	-	52.37
AV	11.48364G	48.73	54.00	-5.27	13.00	3	Horizontal	325	1.51	-	35.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

17/09/2019

5785MHz_TX



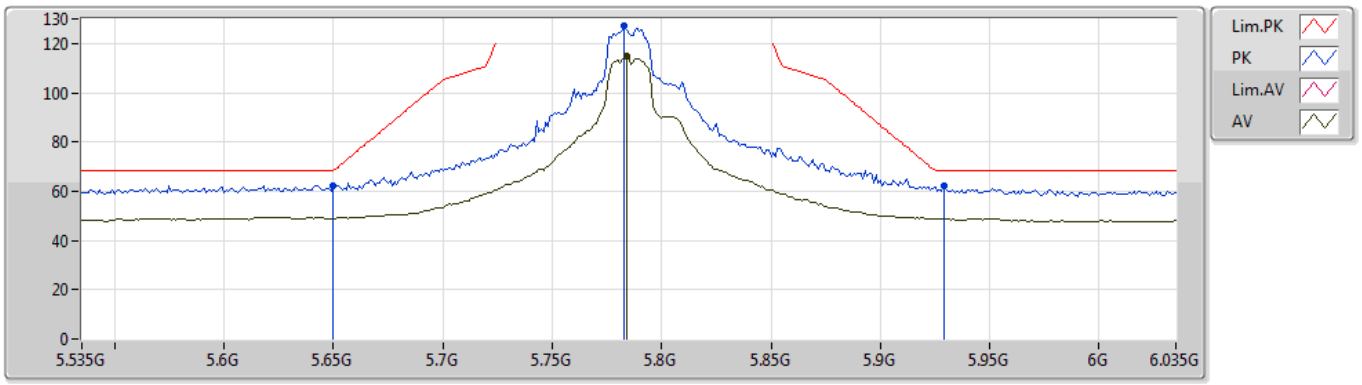
EUT Y_4TX
Setting 120
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.629G	62.93	68.20	-5.27	6.10	3	Vertical	337	1.59	-	56.83
PK	5.776G	127.00	Inf	-Inf	5.81	3	Vertical	337	1.59	-	121.19
AV	5.779G	114.81	Inf	-Inf	5.81	3	Vertical	337	1.59	-	109.00
PK	5.927G	61.58	68.20	-6.62	6.15	3	Vertical	337	1.59	-	55.43

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

17/09/2019



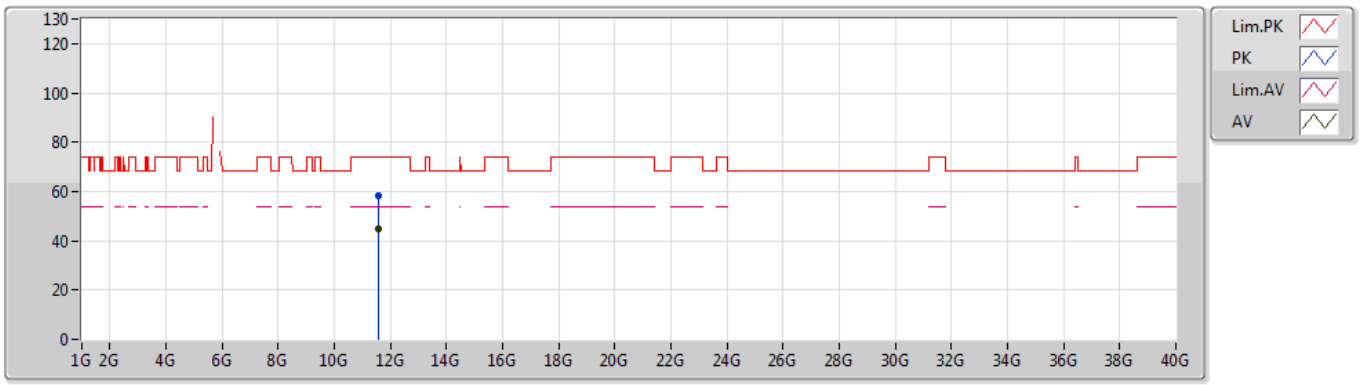
EUT Y_4TX
Setting 120
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.65G	62.35	68.20	-5.85	6.06	3	Horizontal	305	1.50	-	56.29
PK	5.783G	126.96	Inf	-Inf	5.80	3	Horizontal	305	1.50	-	121.16
AV	5.784G	114.63	Inf	-Inf	5.80	3	Horizontal	305	1.50	-	108.83
PK	5.929G	62.08	68.20	-6.12	6.16	3	Horizontal	305	1.50	-	55.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

17/09/2019



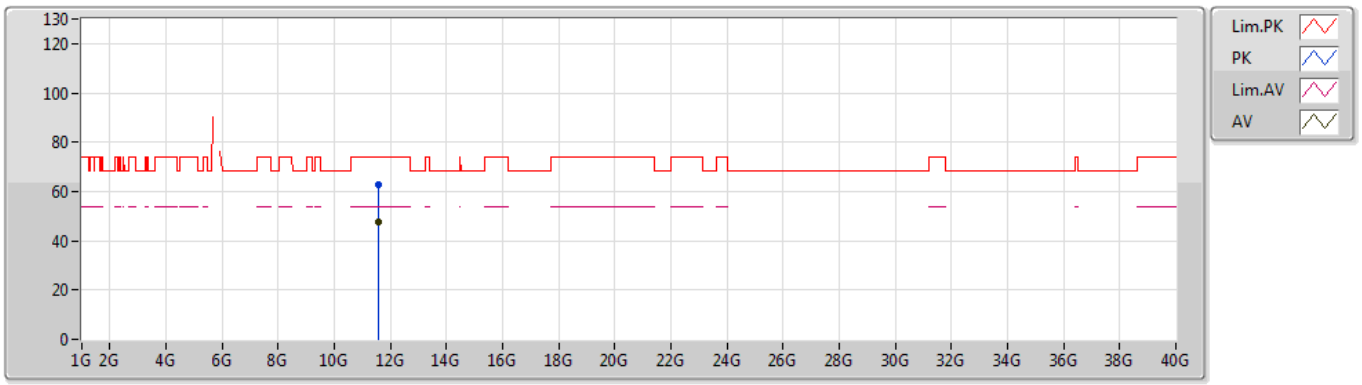
EUT Y_4TX
Setting 120
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5692G	58.43	74.00	-15.57	13.04	3	Vertical	260	2.04	-	45.39
AV	11.56952G	44.63	54.00	-9.37	13.04	3	Vertical	260	2.04	-	31.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

17/09/2019



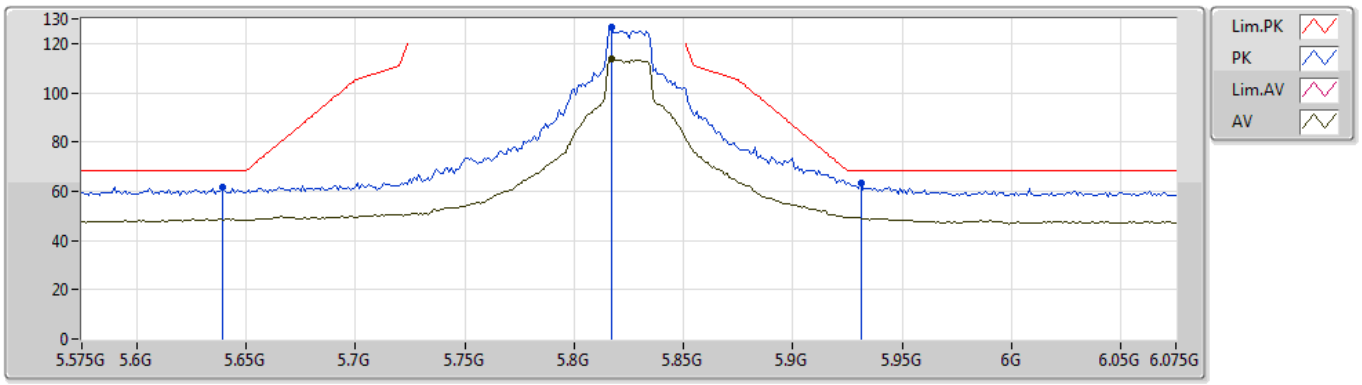
EUT Y_4TX
Setting 120
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.56668G	62.94	74.00	-11.06	13.04	3	Horizontal	330	1.49	-	49.90
AV	11.56708G	47.88	54.00	-6.12	13.04	3	Horizontal	330	1.49	-	34.84

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

17/09/2019



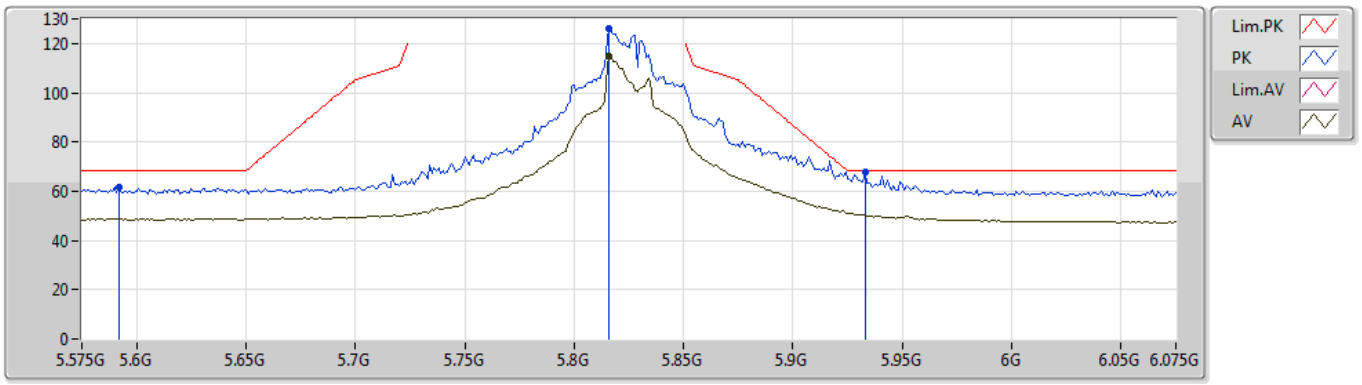
EUT Y_4TX
Setting 114
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.639G	61.53	68.20	-6.67	6.08	3	Vertical	336	1.49	-	55.45
PK	5.817G	126.57	Inf	-Inf	5.82	3	Vertical	336	1.49	-	120.75
AV	5.817G	113.57	Inf	-Inf	5.82	3	Vertical	336	1.49	-	107.75
PK	5.931G	63.55	68.20	-4.65	6.16	3	Vertical	336	1.49	-	57.39

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

17/09/2019

5825MHz_TX



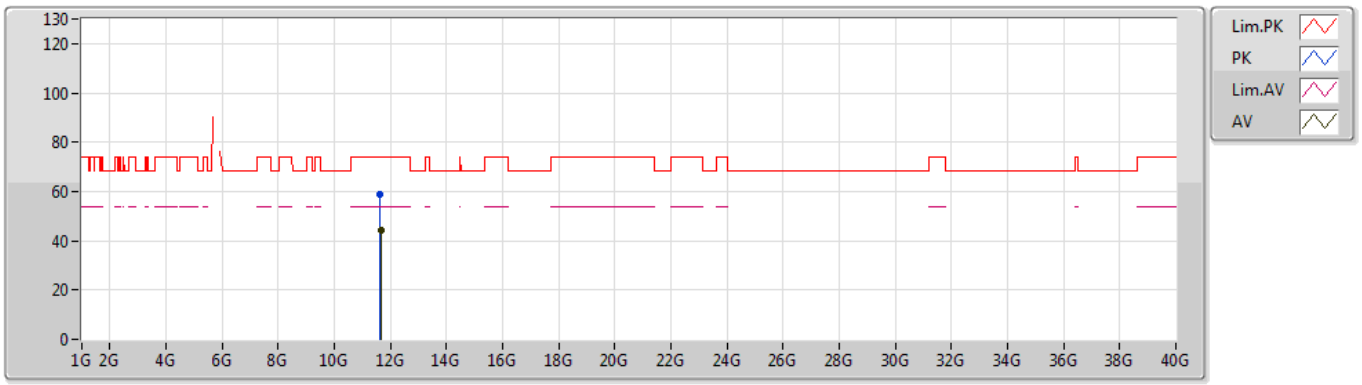
EUT Y_4TX
Setting 114
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.592G	61.48	68.20	-6.72	6.17	3	Horizontal	282	1.42	-	55.31
PK	5.816G	126.29	Inf	-Inf	5.82	3	Horizontal	282	1.42	-	120.47
AV	5.816G	114.66	Inf	-Inf	5.82	3	Horizontal	282	1.42	-	108.84
PK	5.933G	67.68	68.20	-0.52	6.18	3	Horizontal	282	1.42	-	61.50

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

17/09/2019



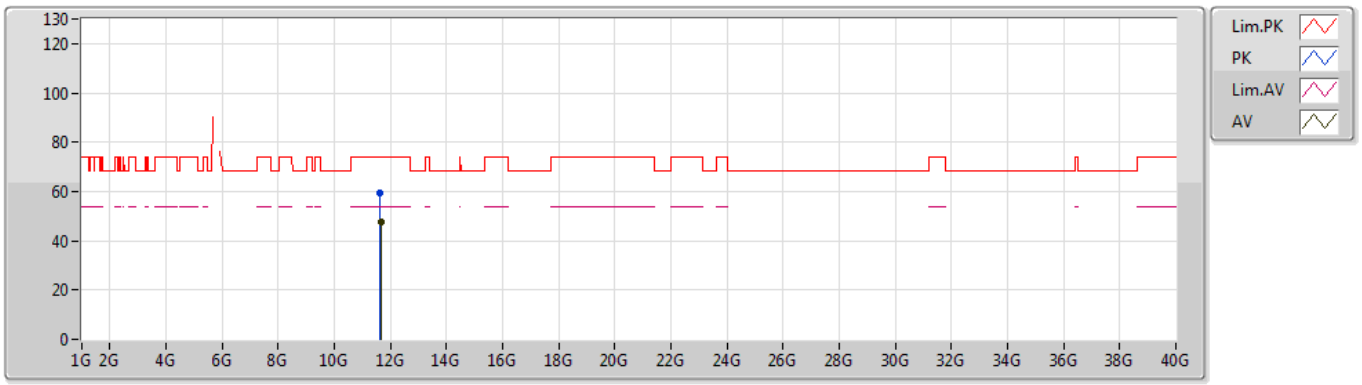
EUT Y_4TX
Setting 114
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64664G	59.07	74.00	-14.93	13.08	3	Vertical	258	2.00	-	45.99
AV	11.65064G	44.46	54.00	-9.54	13.09	3	Vertical	258	2.00	-	31.37

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

17/09/2019



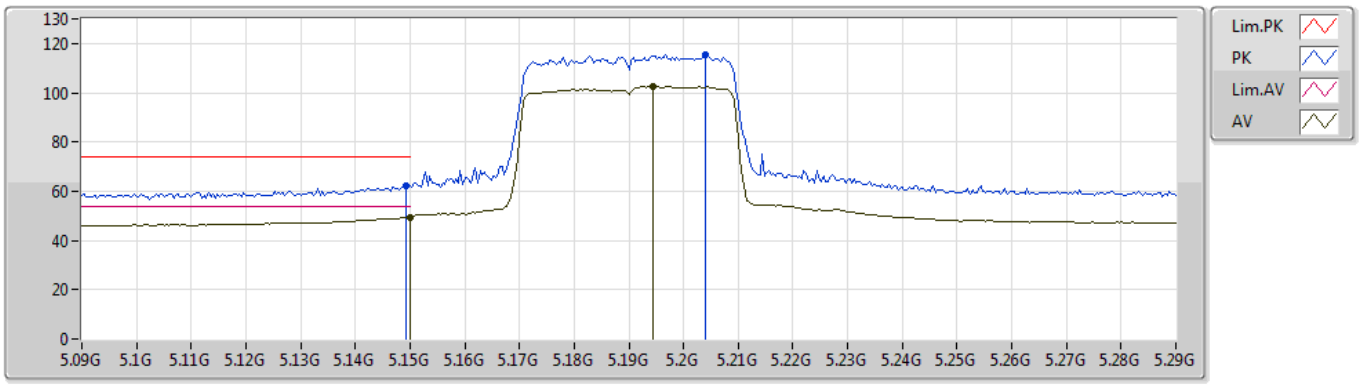
EUT Y_4TX
Setting 114
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.64604G	59.19	74.00	-14.81	13.08	3	Horizontal	261	1.47	-	46.11
AV	11.65968G	47.37	54.00	-6.63	13.08	3	Horizontal	261	1.47	-	34.29

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

17/09/2019



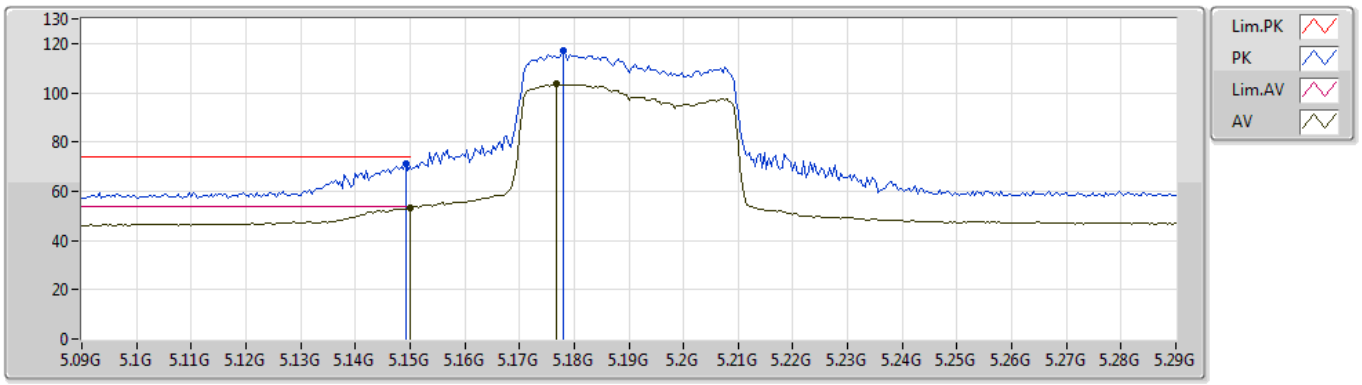
EUT Y_4TX
Setting 69
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1492G	62.14	74.00	-11.86	5.50	3	Vertical	329	1.50	-	56.64
AV	5.15G	49.59	54.00	-4.41	5.50	3	Vertical	329	1.50	-	44.09
PK	5.204G	115.56	Inf	-Inf	5.65	3	Vertical	329	1.50	-	109.91
AV	5.1944G	102.56	Inf	-Inf	5.62	3	Vertical	329	1.50	-	96.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

17/09/2019



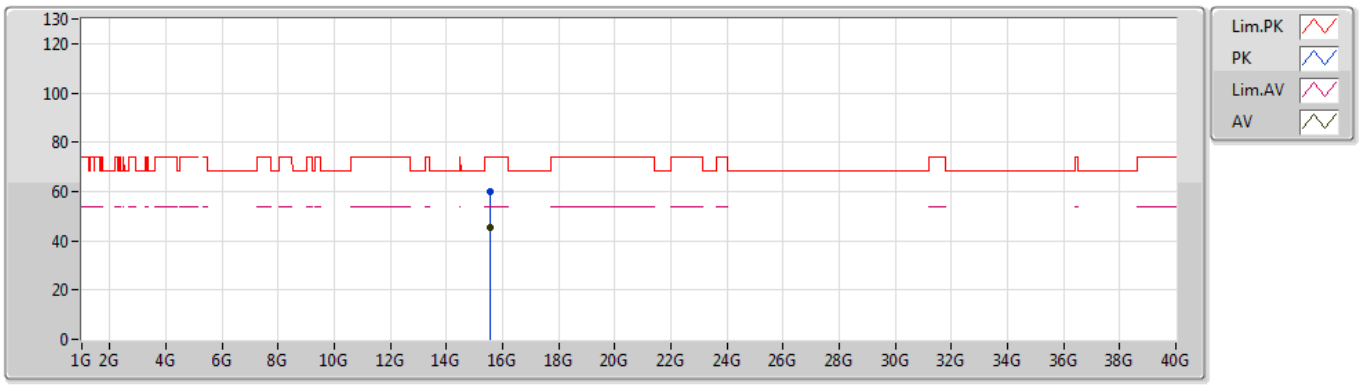
EUT Y_4TX
Setting 69
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1492G	71.08	74.00	-2.92	5.50	3	Horizontal	69	1.47	-	65.58
AV	5.15G	53.31	54.00	-0.69	5.50	3	Horizontal	69	1.47	-	47.81
PK	5.178G	116.91	Inf	-Inf	5.58	3	Horizontal	69	1.47	-	111.33
AV	5.1768G	103.47	Inf	-Inf	5.58	3	Horizontal	69	1.47	-	97.89

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

17/09/2019



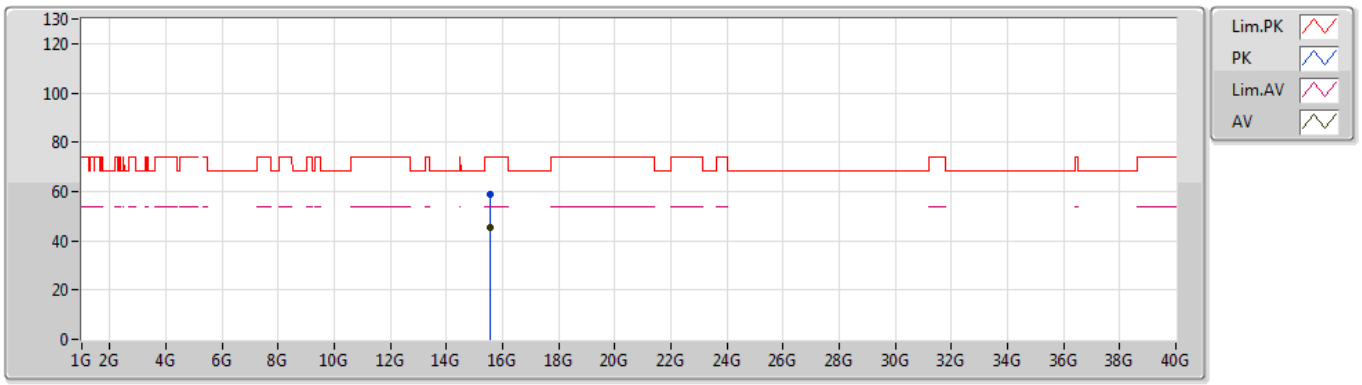
EUT Y_4TX
Setting 69
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.57136G	59.68	74.00	-14.32	14.29	3	Vertical	343	2.37	-	45.39
AV	15.56068G	45.31	54.00	-8.69	14.33	3	Vertical	343	2.37	-	30.98

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

17/09/2019



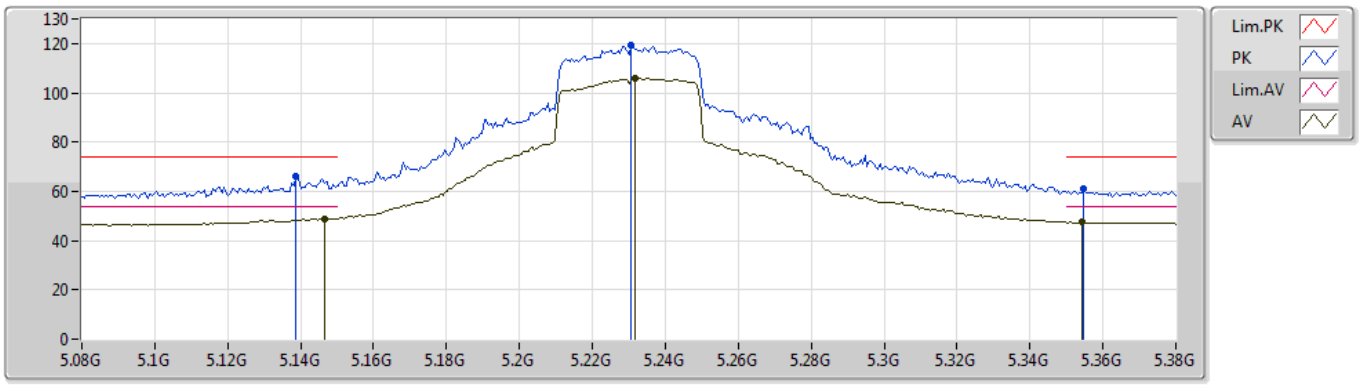
EUT Y_4TX
Setting 69
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.5664G	58.95	74.00	-15.05	14.30	3	Horizontal	70	1.50	-	44.65
AV	15.56096G	45.12	54.00	-8.88	14.33	3	Horizontal	70	1.50	-	30.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

17/09/2019

5230MHz_TX



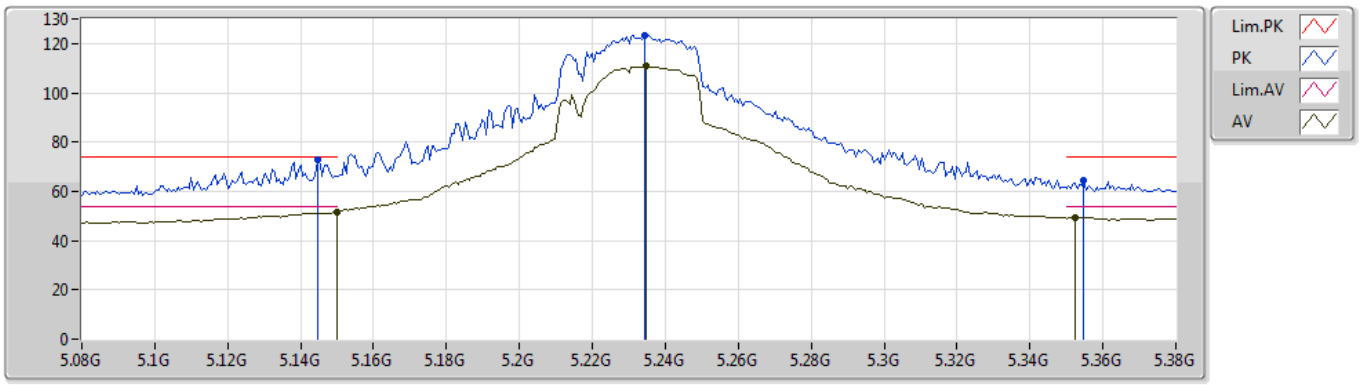
EUT Y_4TX
Setting 100
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1388G	66.13	74.00	-7.87	5.47	3	Vertical	331	2.92	-	60.66
AV	5.1466G	48.89	54.00	-5.11	5.50	3	Vertical	331	2.92	-	43.39
PK	5.2306G	119.17	Inf	-Inf	5.68	3	Vertical	331	2.92	-	113.49
AV	5.2318G	105.92	Inf	-Inf	5.68	3	Vertical	331	2.92	-	100.24
PK	5.3548G	61.26	74.00	-12.74	5.81	3	Vertical	331	2.92	-	55.45
AV	5.3542G	47.51	54.00	-6.49	5.81	3	Vertical	331	2.92	-	41.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

17/09/2019



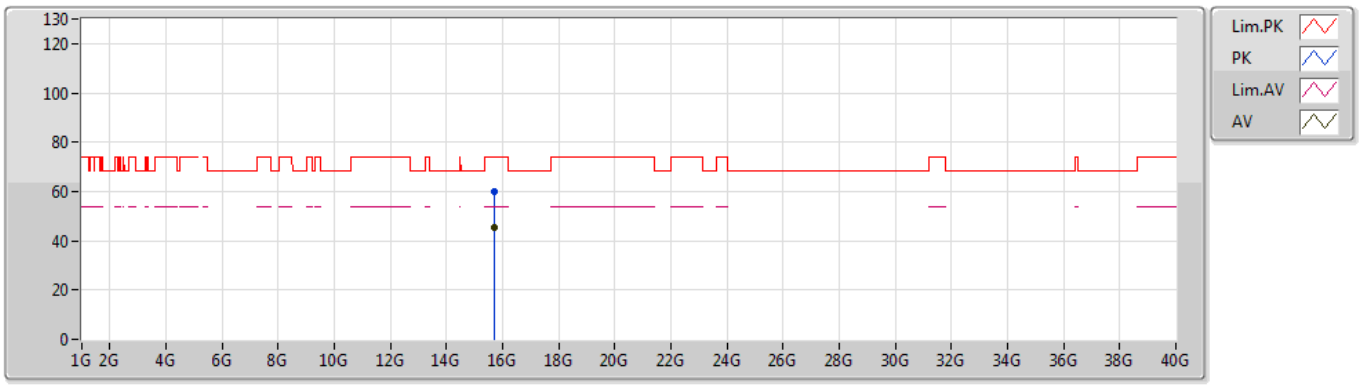
EUT Y_4TX
Setting 100
03-E-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1448G	73.06	74.00	-0.94	5.49	3	Horizontal	276	1.50	-	67.57
AV	5.15G	51.80	54.00	-2.20	5.50	3	Horizontal	276	1.50	-	46.30
PK	5.2342G	123.44	Inf	-Inf	5.69	3	Horizontal	276	1.50	-	117.75
AV	5.2348G	110.70	Inf	-Inf	5.69	3	Horizontal	276	1.50	-	105.01
PK	5.3548G	64.24	74.00	-9.76	5.81	3	Horizontal	276	1.50	-	58.43
AV	5.3524G	49.30	54.00	-4.70	5.81	3	Horizontal	276	1.50	-	43.49

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

17/09/2019



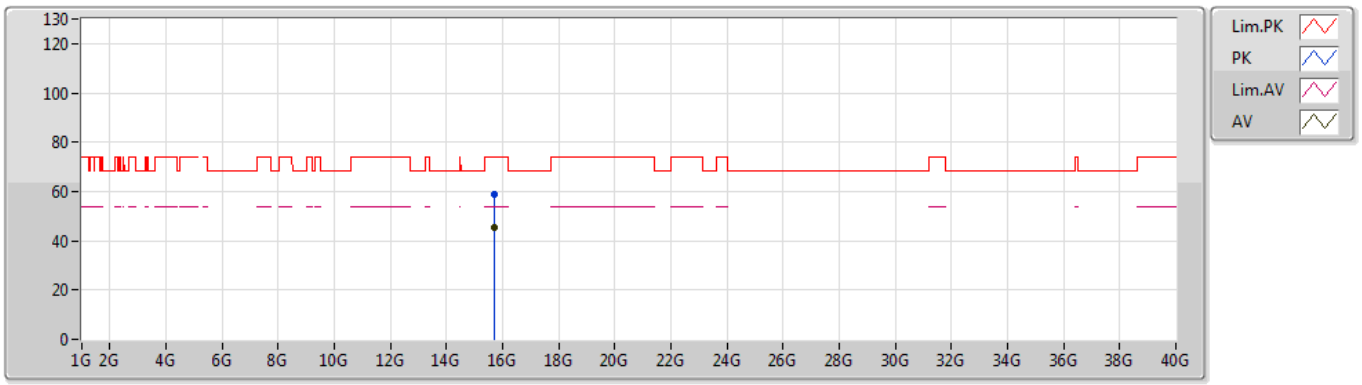
EUT Y_4TX
Setting 100
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.68784G	59.80	74.00	-14.20	13.87	3	Vertical	4	1.50	-	45.93
AV	15.6988G	45.25	54.00	-8.75	13.82	3	Vertical	4	1.50	-	31.43

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

17/09/2019



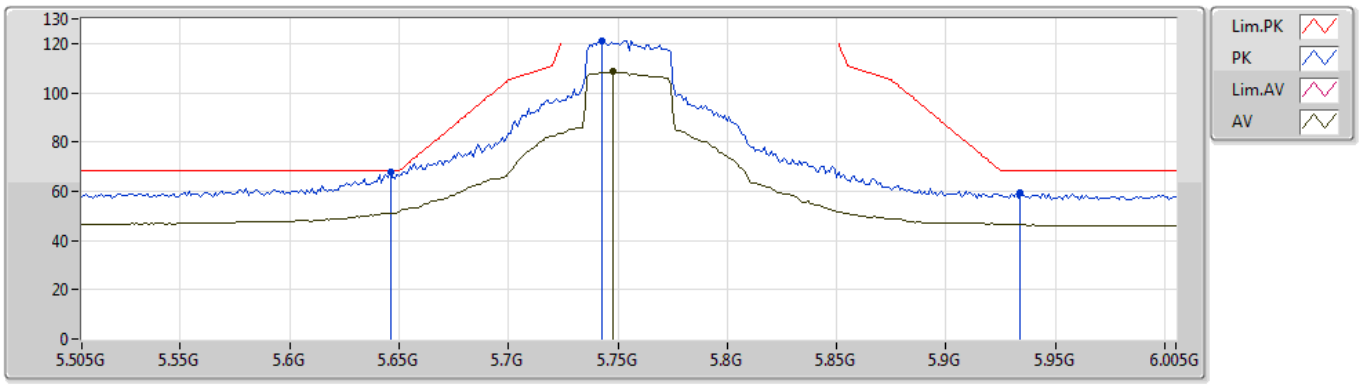
EUT Y_4TX
Setting 100
03-E-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6948G	58.88	74.00	-15.12	13.85	3	Horizontal	178	2.33	-	45.03
AV	15.69496G	45.32	54.00	-8.68	13.85	3	Horizontal	178	2.33	-	31.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

17/09/2019

5755MHz_TX



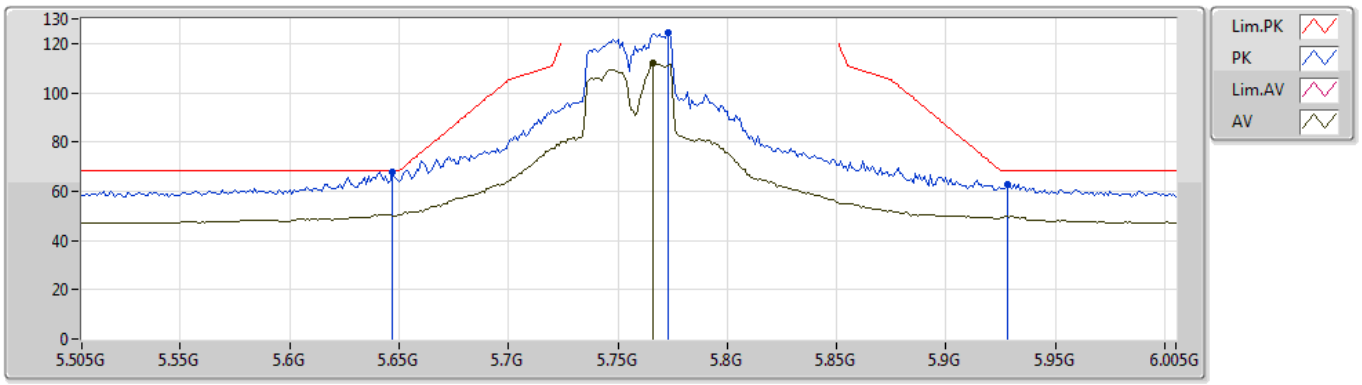
EUT Y_4TX
Setting 105
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.646G	67.65	68.20	-0.55	6.06	3	Vertical	240	1.59	-	61.59
PK	5.743G	121.10	Inf	-Inf	5.86	3	Vertical	240	1.59	-	115.24
AV	5.748G	108.43	Inf	-Inf	5.86	3	Vertical	240	1.59	-	102.57
PK	5.934G	59.12	68.20	-9.08	6.18	3	Vertical	240	1.59	-	52.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

17/09/2019



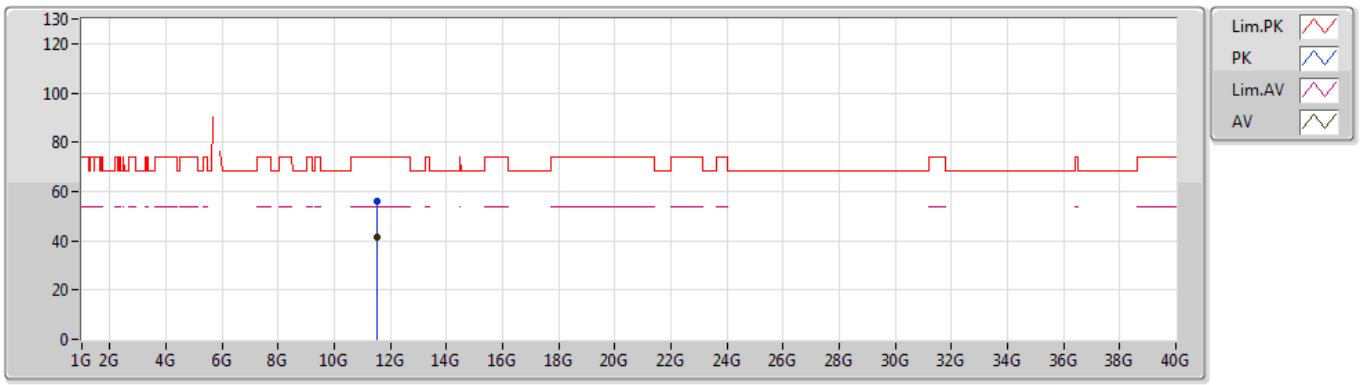
EUT Y_4TX
Setting 105
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.647G	67.68	68.20	-0.52	6.06	3	Horizontal	261	1.19	-	61.62
PK	5.773G	124.23	Inf	-Inf	5.83	3	Horizontal	261	1.19	-	118.40
AV	5.766G	111.80	Inf	-Inf	5.83	3	Horizontal	261	1.19	-	105.97
PK	5.928G	62.59	68.20	-5.61	6.15	3	Horizontal	261	1.19	-	56.44

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

17/09/2019



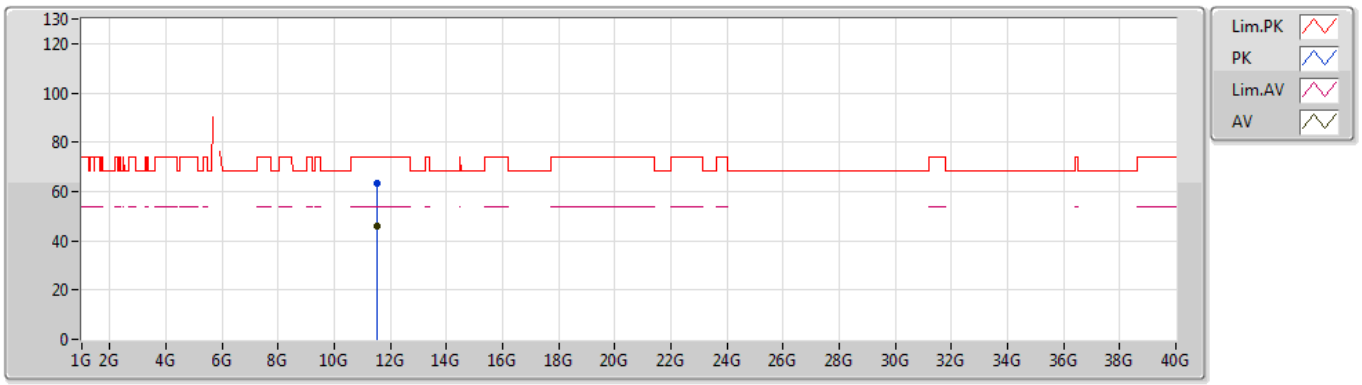
EUT Y_4TX
Setting 105
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5048G	56.10	74.00	-17.90	13.00	3	Vertical	67	1.51	-	43.10
AV	11.5102G	41.35	54.00	-12.65	13.01	3	Vertical	67	1.51	-	28.34

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

17/09/2019



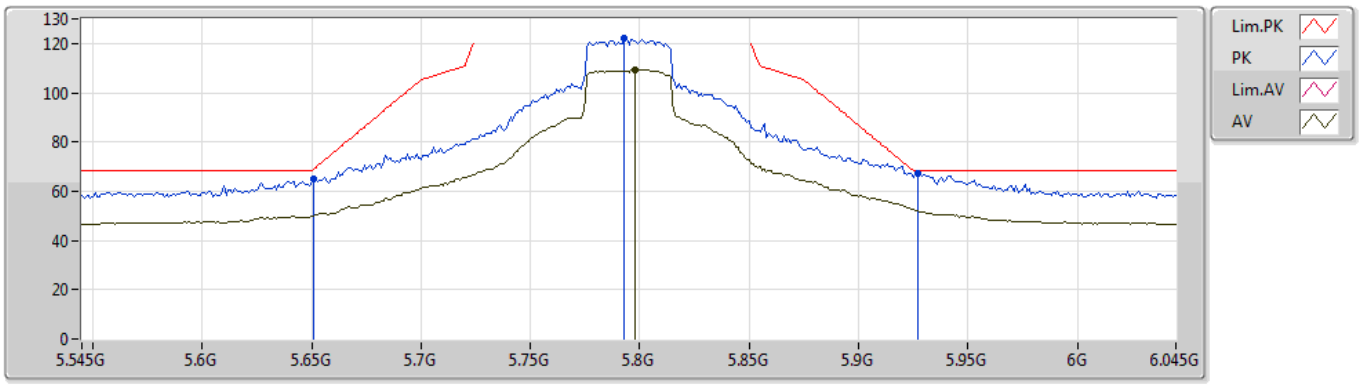
EUT Y_4TX
Setting 105
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5101G	63.08	74.00	-10.92	13.01	3	Horizontal	327	1.64	-	50.07
AV	11.5093G	45.67	54.00	-8.33	13.01	3	Horizontal	327	1.64	-	32.66

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

17/09/2019



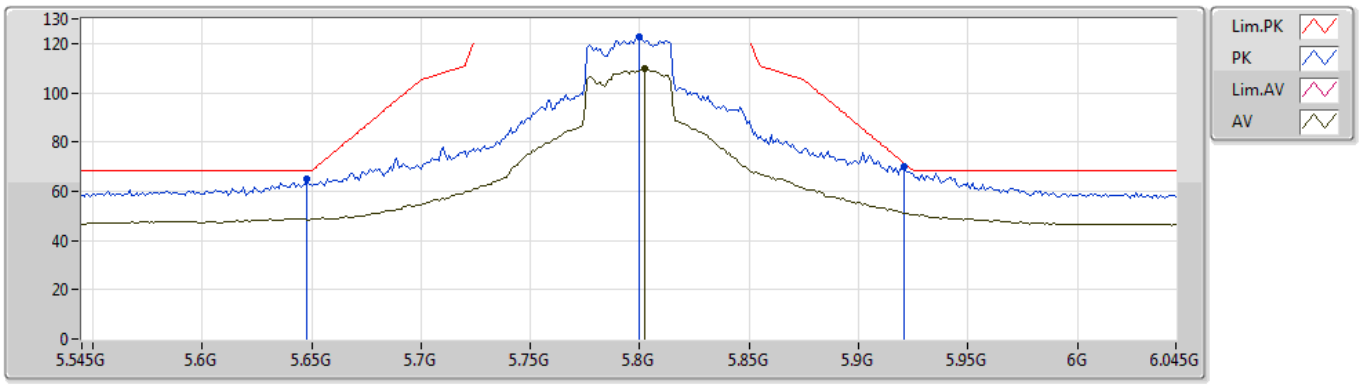
EUT Y_4TX
Setting 110
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.651G	65.05	68.94	-3.89	6.04	3	Vertical	345	1.48	-	59.01
PK	5.793G	122.27	Inf	-Inf	5.79	3	Vertical	345	1.48	-	116.48
AV	5.798G	109.51	Inf	-Inf	5.78	3	Vertical	345	1.48	-	103.73
PK	5.927G	67.52	68.20	-0.68	6.15	3	Vertical	345	1.48	-	61.37

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

17/09/2019

5795MHz_TX



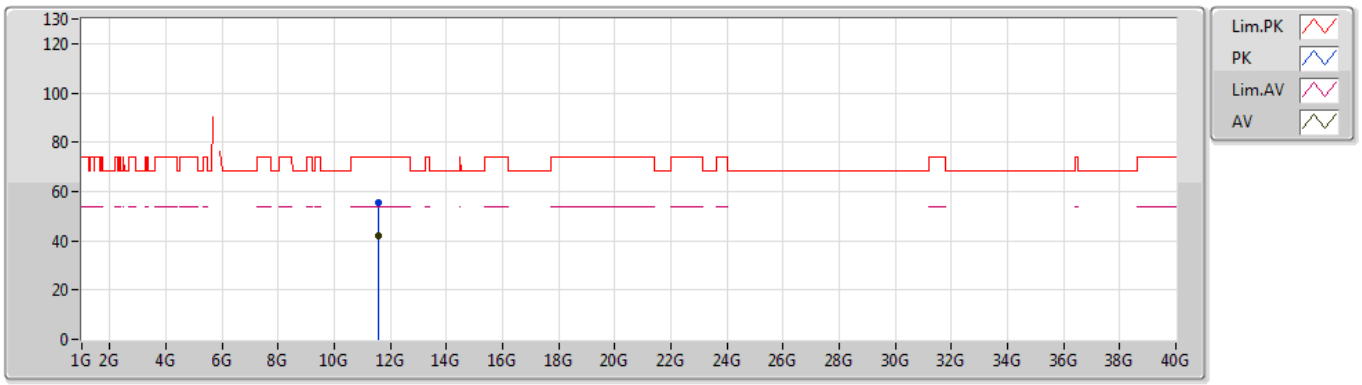
EUT Y_4TX
Setting 110
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.648G	64.90	68.20	-3.30	6.06	3	Horizontal	75	1.43	-	58.84
PK	5.8G	122.76	Inf	-Inf	5.78	3	Horizontal	75	1.43	-	116.98
AV	5.802G	109.61	Inf	-Inf	5.78	3	Horizontal	75	1.43	-	103.83
PK	5.921G	70.20	71.16	-0.96	6.13	3	Horizontal	75	1.43	-	64.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

17/09/2019



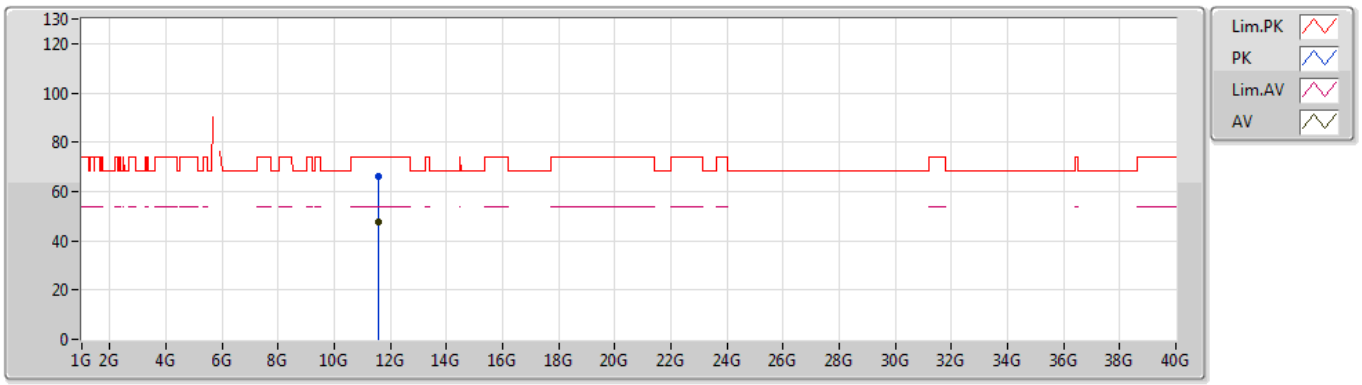
EUT Y_4TX
Setting 110
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5905G	55.50	74.00	-18.50	13.05	3	Vertical	286	2.18	-	42.45
AV	11.5958G	41.87	54.00	-12.13	13.05	3	Vertical	286	2.18	-	28.82

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

17/09/2019



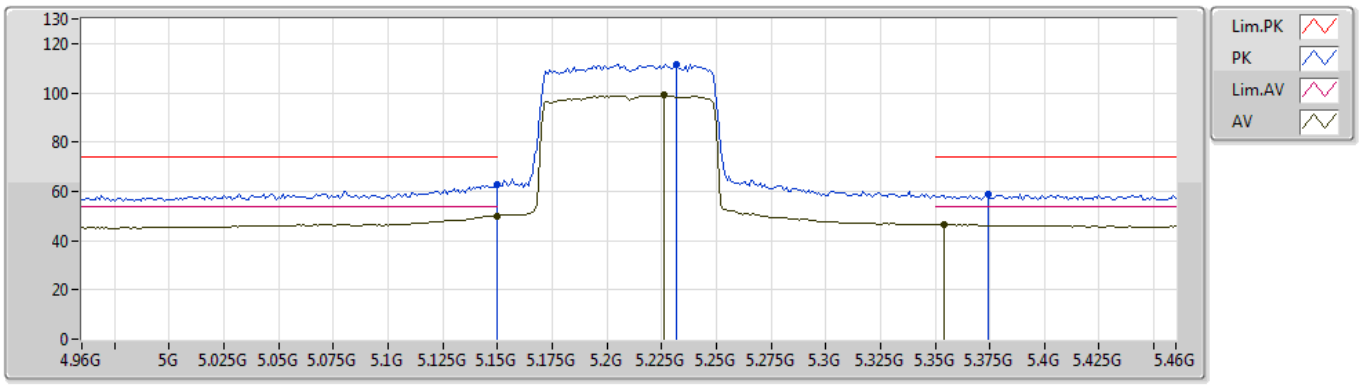
EUT Y_4TX
Setting 110
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5899G	66.40	74.00	-7.60	13.05	3	Horizontal	322	1.70	-	53.35
AV	11.5668G	47.39	54.00	-6.61	13.04	3	Horizontal	322	1.70	-	34.35

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

17/09/2019

5210MHz_TX



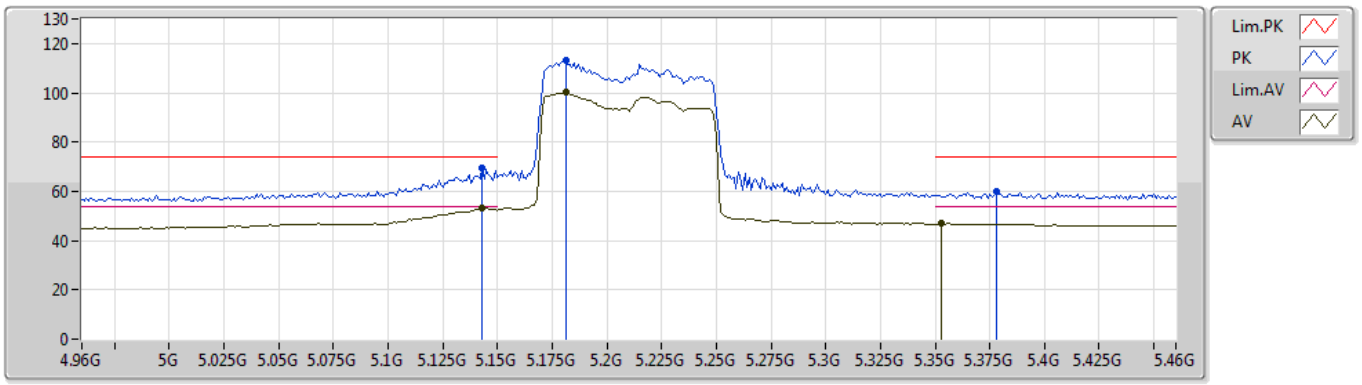
EUT Y_4TX
Setting 68
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.15G	62.71	74.00	-11.29	5.50	3	Vertical	332	1.46	-	57.21
AV	5.15G	50.06	54.00	-3.94	5.50	3	Vertical	332	1.46	-	44.56
PK	5.232G	111.54	Inf	-Inf	5.68	3	Vertical	332	1.46	-	105.86
AV	5.226G	99.03	Inf	-Inf	5.68	3	Vertical	332	1.46	-	93.35
PK	5.374G	58.94	74.00	-15.06	5.82	3	Vertical	332	1.46	-	53.12
AV	5.354G	46.56	54.00	-7.44	5.81	3	Vertical	332	1.46	-	40.75

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

17/09/2019

5210MHz_TX



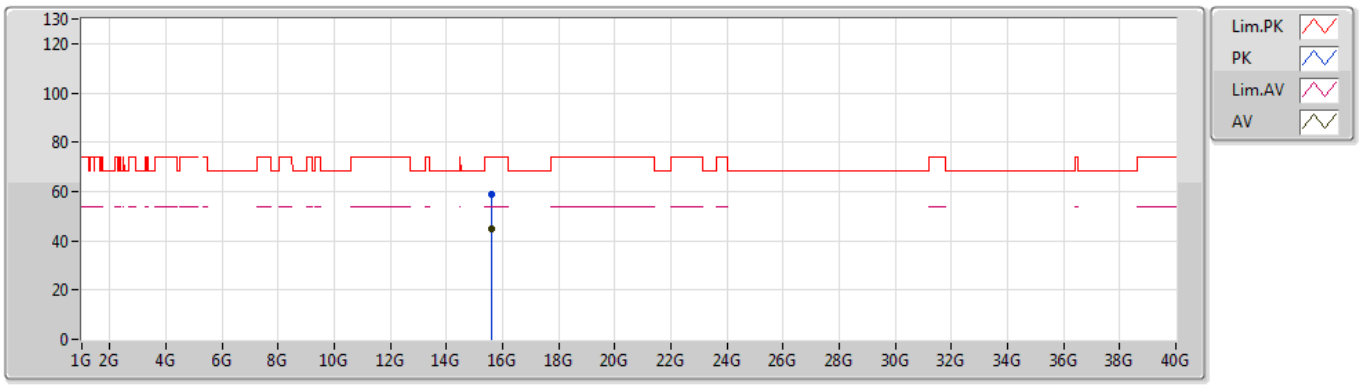
EUT Y_4TX
Setting 68
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.143G	69.34	74.00	-4.66	5.48	3	Horizontal	73	1.52	-	63.86
AV	5.143G	53.13	54.00	-0.87	5.48	3	Horizontal	73	1.52	-	47.65
PK	5.181G	113.14	Inf	-Inf	5.58	3	Horizontal	73	1.52	-	107.56
AV	5.181G	100.04	Inf	-Inf	5.58	3	Horizontal	73	1.52	-	94.46
PK	5.378G	59.80	74.00	-14.20	5.83	3	Horizontal	73	1.52	-	53.97
AV	5.353G	46.84	54.00	-7.16	5.81	3	Horizontal	73	1.52	-	41.03

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

17/09/2019



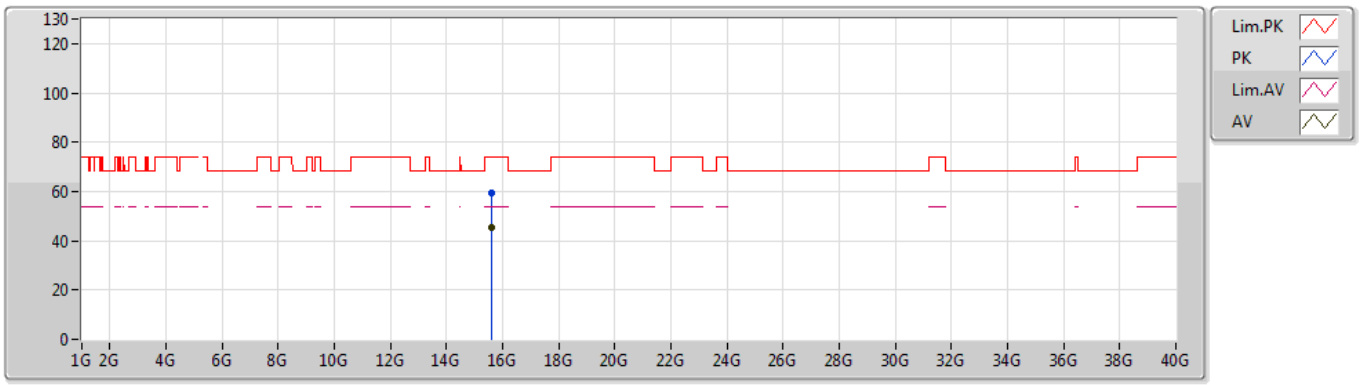
EUT Y_4TX
Setting 68
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6084G	58.99	74.00	-15.01	14.15	3	Vertical	63	2.96	-	44.84
AV	15.6238G	44.67	54.00	-9.33	14.10	3	Vertical	63	2.96	-	30.57

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5210MHz_TX

17/09/2019



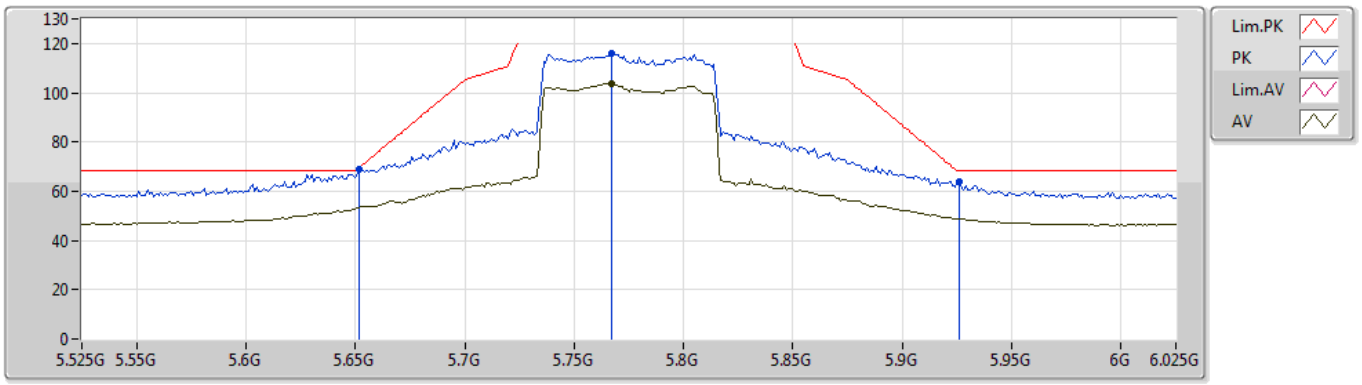
EUT Y_4TX
Setting 68
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.6288G	59.39	74.00	-14.61	14.08	3	Horizontal	331	1.12	-	45.31
AV	15.6204G	45.65	54.00	-8.35	14.11	3	Horizontal	331	1.12	-	31.54

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

17/09/2019



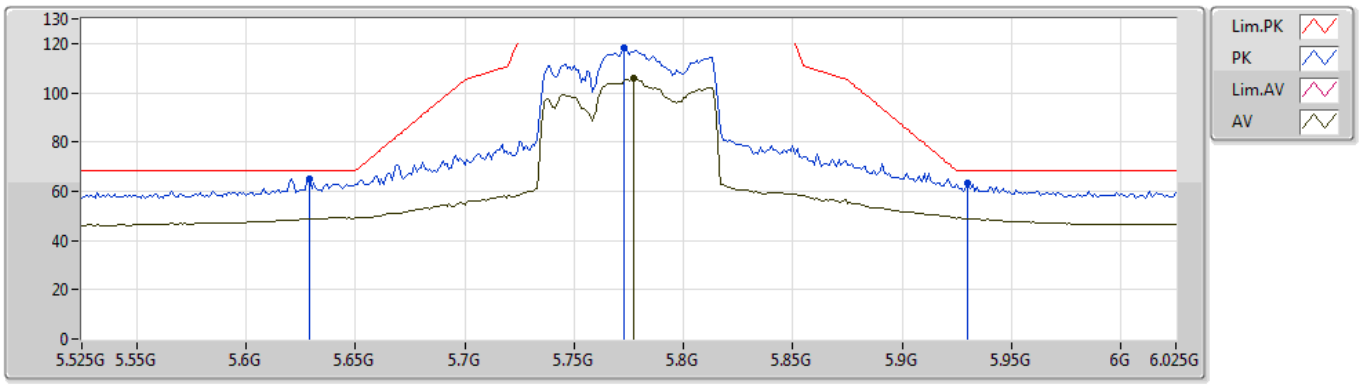
EUT Y_4TX
Setting 88
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.652G	68.72	69.68	-0.96	6.04	3	Vertical	286	1.32	-	62.68
PK	5.767G	116.01	Inf	-Inf	5.83	3	Vertical	286	1.32	-	110.18
AV	5.767G	103.70	Inf	-Inf	5.83	3	Vertical	286	1.32	-	97.87
PK	5.926G	63.75	68.20	-4.45	6.15	3	Vertical	286	1.32	-	57.60

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

17/09/2019

5775MHz_TX



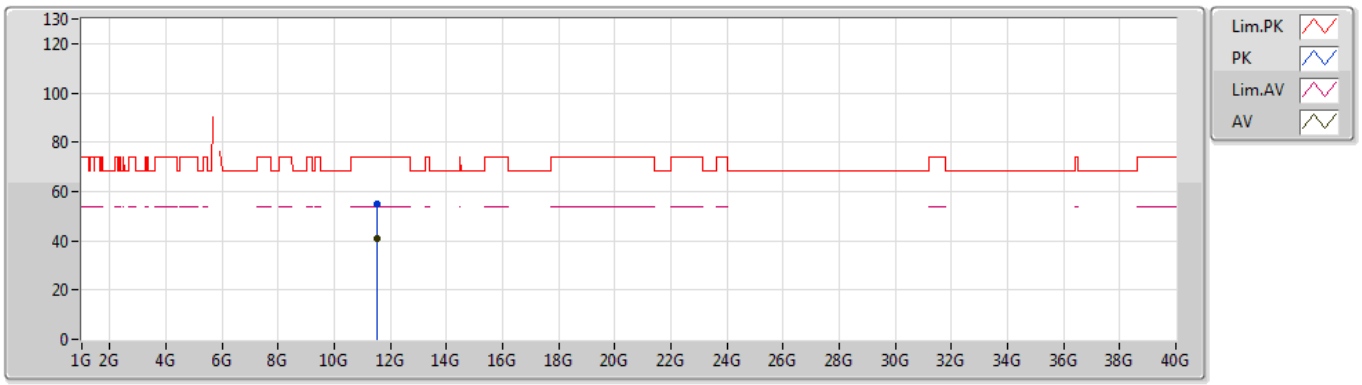
EUT Y_4TX
Setting 88
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.629G	65.12	68.20	-3.08	6.10	3	Horizontal	259	2.57	-	59.02
PK	5.773G	118.43	Inf	-Inf	5.83	3	Horizontal	259	2.57	-	112.60
AV	5.777G	105.70	Inf	-Inf	5.81	3	Horizontal	259	2.57	-	99.89
PK	5.93G	63.30	68.20	-4.90	6.16	3	Horizontal	259	2.57	-	57.14

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

17/09/2019



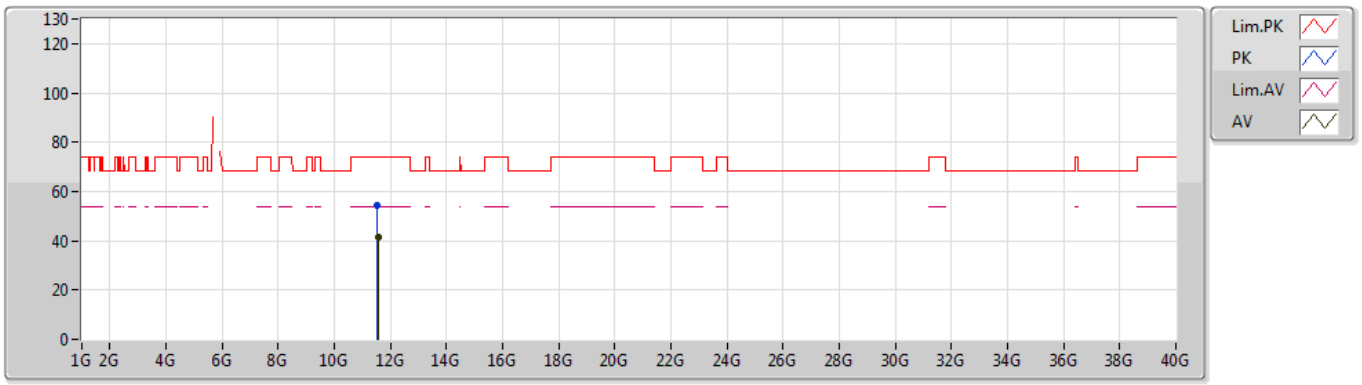
EUT Y_4TX
Setting 88
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5322G	54.85	74.00	-19.15	13.01	3	Vertical	25	2.21	-	41.84
AV	11.524G	41.07	54.00	-12.93	13.02	3	Vertical	25	2.21	-	28.05

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

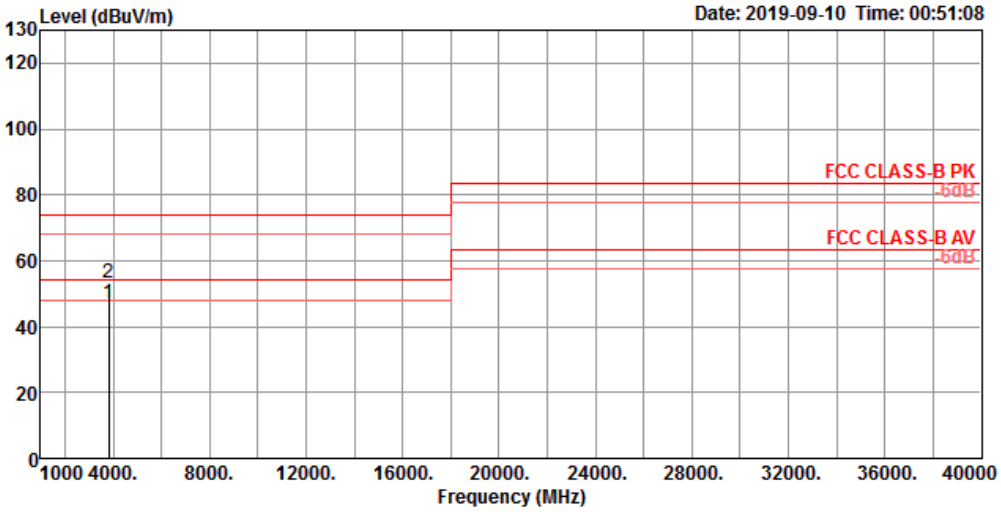
17/09/2019



EUT Y_4TX
Setting 88
03-W-3
FSP(100080)

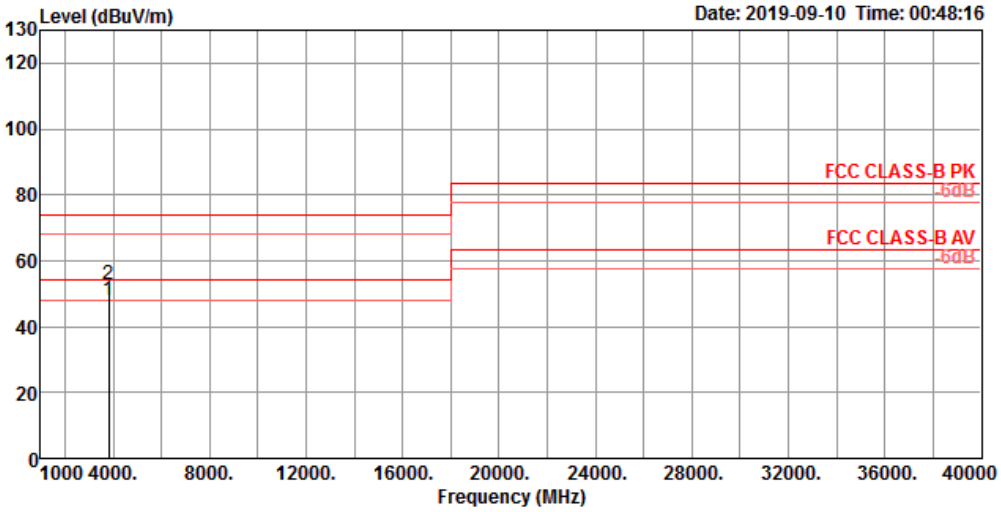
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.5242G	54.40	74.00	-19.60	13.02	3	Horizontal	270	1.18	-	41.38
AV	11.5498G	41.65	54.00	-12.35	13.02	3	Horizontal	270	1.18	-	28.63

RSE Co-location Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3813.12	47.13	54.00	-6.87	44.22	5.21	32.67	34.97	104	236	Average	HORIZONTAL
2	3813.61	53.30	74.00	-20.70	50.39	5.21	32.67	34.97	104	236	Peak	HORIZONTAL

RSE Co-location Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	3813.34	47.85	54.00	-6.15	44.94	5.21	32.67	34.97	100	222	Average	VERTICAL
2	3813.50	52.87	74.00	-21.13	49.96	5.21	32.67	34.97	100	222	Peak	VERTICAL