FCC RADIO TEST REPORT

FCC ID	:	Z3WAIR4960
Equipment	:	5400 Mbps 11ax Wi-Fi Mesh Extender, 5400 Mbps 11ax Wi-Fi Mesh Access Point, Home Wi-Fi Solution Kit, AX5400 Wi-Fi 6 Router
Brand Name	:	AirTies
Model Name	:	Air 4960R/Air 4960
Applicant	:	AirTies Wireless Networks Mithat Uluunlu Sokak No. 23 Esentepe, Sisli Istanbul, 34394 Turkey
Manufacturer	:	AirTies Wireless Networks Mithat Uluunlu Sokak No. 23 Esentepe, Sisli Istanbul, 34394 Turkey
Standard	:	47 CFR FCC Part 15.407

The product was received on Feb. 04, 2020, and testing was started from Feb. 10, 2020 and completed on Apr. 13, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The 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

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR982017-02AB	01	Initial issue of report	Apr. 30, 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: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11a	20	4TX
5.15-5.35GHz	802.11n HT20	20	4TX
5.15-5.35GHz	802.11ac VHT20	20	4TX
5.15-5.35GHz	802.11ac VHT20-BF	20	4TX
5.15-5.35GHz	802.11ax HEW20	20	4TX
5.15-5.35GHz	802.11ax HEW20-BF	20	4TX
5.15-5.35GHz	802.11n HT40	40	4TX
5.15-5.35GHz	802.11ac VHT40	40	4TX
5.15-5.35GHz	802.11ac VHT40-BF	40	4TX
5.15-5.35GHz	802.11ax HEW40	40	4TX
5.15-5.35GHz	802.11ax HEW40-BF	40	4TX
5.15-5.35GHz	802.11ac VHT80	80	4TX
5.15-5.35GHz	802.11ac VHT80-BF	80	4TX
5.15-5.35GHz	802.11ax HEW80	80	4TX
5.15-5.35GHz	802.11ax HEW80-BF	80	4TX
5.15-5.35GHz	802.11ac VHT160	160	4TX
5.15-5.35GHz	802.11ac VHT160-BF	160	4TX
5.15-5.35GHz	802.11ax HEW160	160	4TX
5.15-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX
5.725-5.85GHz	802.11a	20	4TX

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

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

1.1.2 Antenna Information

Ant.	Port		Brand	Model Name	Antenna Type	Connector	Gain (dBi)				
	2.4GHz	5GHz					2.4GHz	5GHz			
								Band 1	Band 2	Band 3	Band 4
1	1	4	Airties	Airties#1	Printed Antenna	N/A	2.86	1.34	1.90	1.47	1.71
2	-	3	Airties	Airties#1	Printed Antenna	N/A	-	1.34	1.90	1.47	1.71
3	-	2	Airties	Airties#1	Printed Antenna	N/A	-	1.34	1.90	1.47	1.71
4	2	1	Airties	Airties#1	Printed Antenna	N/A	2.86	1.34	1.90	1.47	1.71

Note: The above information was declared by manufacturer.

For 2.4GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz function:

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

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.956	0.2	2.958m	1k
802.11ax HEW20-BF	0.942	0.26	2.936m	1k
802.11ax HEW40-BF	0.944	0.25	3.645m	300
802.11ax HEW80-BF	0.977	0.1	4.181m	300
802.11ax HEW160-BF	0.954	0.2	4.481m	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
	The product has beamforming function for VHT/ax in 2.4GHz and ac/ax in 5GHz.			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	2.74.2.0.23_wltest			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The EUT has four equipment names and two model names which are identical to each other in all aspects except for the following table:

EUT	Equipment Name	Model Name	I/O Port Function	I/O Port Color	DDR	WLAN Function
1	5400 Mbps 11ax Wi-Fi Mesh Extender 5400 Mbps 11ax Wi-Fi Mesh Access Point Home Wi-Fi Solution Kit	Air 4960	LAN*2	yellow	Brand: Winbond Model Name: W632GU6NB-12 Capacity: 256MB	Mesh: Only 5GHz 802.11a/an/ac 20/40/80MHz AP: 802.11abgn/ac/ax 20/40/80/160MHz
2	AX5400 Wi-Fi 6 Router	Air 4960R	LAN*1 WAN*1	LAN: yellow WAN: Red	Brand: Winbond Model Name: W634GU6NB-11 Capacity: 512MB	802.11abgn/ac/ax 20/40/80/160MHz

Note: The EUT supports AP, Router and Mesh Mode, Router Mode (EUT 2) only for AC power-line conducted emissions, Unwanted Emissions below 1GHz and Co-location were tested and recorded in this test report by manufacturer request.

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	TH02-CB	Justin Lin	19.6-20.4°C / 62-67%	Feb. 15, 2020~ Mar. 06, 2020
Radiated <Below 1GHz>	03CH05-CB	Stim Sung	23.1-24.1°C / 51-56%	Feb. 14, 2020~ Apr. 13, 2020
Radiated <Above 1GHz>	03CH01-CB	Gino Huang	23.4-23.7°C / 50-53%	Feb. 10, 2020~ Feb. 25, 2020
AC Conduction	CO02-CB	Peter Wu	22~23°C / 56~57%	Feb. 17, 2020~ Feb. 18, 2020

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	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	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5180MHz	76
5200MHz	88
5240MHz	88
5260MHz	61
5300MHz	61
5320MHz	61
5500MHz	63
5580MHz	63
5620MHz	64
5700MHz	63
5720MHz Straddle 5.47-5.725GHz	63
5720MHz Straddle 5.725-5.85GHz	63
5745MHz	95
5785MHz	94
5825MHz	95
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5180MHz	73
5200MHz	91
5240MHz	90
5260MHz	64
5300MHz	64
5320MHz	64
5500MHz	65
5580MHz	65
5620MHz	64
5700MHz	63
5720MHz Straddle 5.47-5.725GHz	65
5720MHz Straddle 5.725-5.85GHz	65
5745MHz	89
5785MHz	89
5825MHz	89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5190MHz	65
5230MHz	85
5270MHz	64

Mode	Power Setting
5310MHz	62
5510MHz	63
5550MHz	66
5630MHz	65
5670MHz	66
5710MHz Straddle 5.47-5.725GHz	66
5710MHz Straddle 5.725-5.85GHz	66
5755MHz	89
5795MHz	89
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5210MHz	65
5290MHz	63
5530MHz	62
5610MHz	67
5690MHz Straddle 5.47-5.725GHz	67
5690MHz Straddle 5.725-5.85GHz	67
5775MHz	82
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-
5250MHz Straddle 5.15-5.25GHz	62
5250MHz Straddle 5.25-5.35GHz	62
5570MHz	66

Note:
- There are two modes of EUT, one is beamforming mode, and the other is Non-beamforming mode for VHT/ax in 2.4GHz and ac/ax in 5GHz. Only beamforming mode was tested and recorded in this 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	EUT 2_Router Mode

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

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	EUT 2_Router Mode
Operating Mode > 1GHz	CTX
1	EUT 1_AP Mode

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	EUT 2_Router Mode_WLAN 2.4GHz + WLAN 5GHz
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	EUT 1_AP Mode_WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA982017-02 for Co-location RF Exposure Evaluation.	

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

2.3 EUT Operation during Test

<non-beamforming mode>

The EUT was programmed to be in continuously transmitting mode.

<beamforming mode>

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under DOS.
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				
No.	**Equipment Name**	**Brand Name**	**Model Name**	**Rating**
1	Adapter	MOSO	MSA-C1000CS12.0-12A-US	Input: 100-240V~50/60Hz 0.5A max. Output: 12.0V, 1A
Other				
RJ-45 cable*1: Non-Shielded, 1.5m				

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5G NB	DELL	E6430	N/A
D	AP Router	ASUS	RP-N53	MSQ-RPN53

For Radiated (below 1GHz):

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	AP	AirTies	Air 4960	Z3WAIR4960
B	NB	DELL	E4300	N/A
C	NB	DELL	E4300	N/A
D	NB	DELL	E4300	N/A

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

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

<beamforming mode>

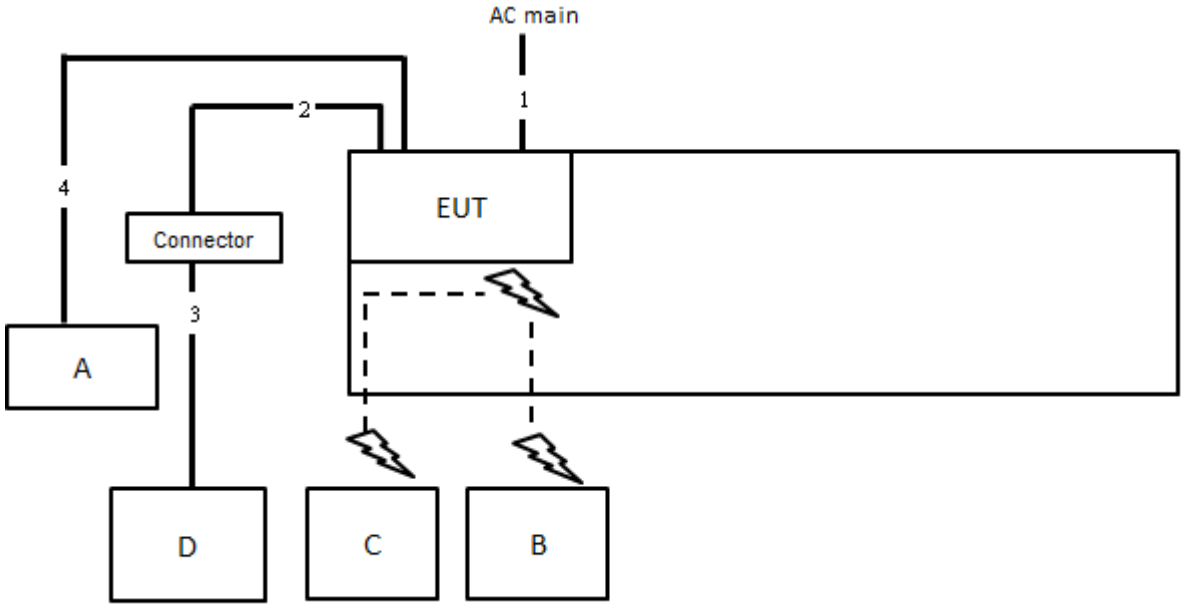
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	RX Device	ASUS	RT-AX88U	MSQ-RTAXHP00

For RF Conducted:

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

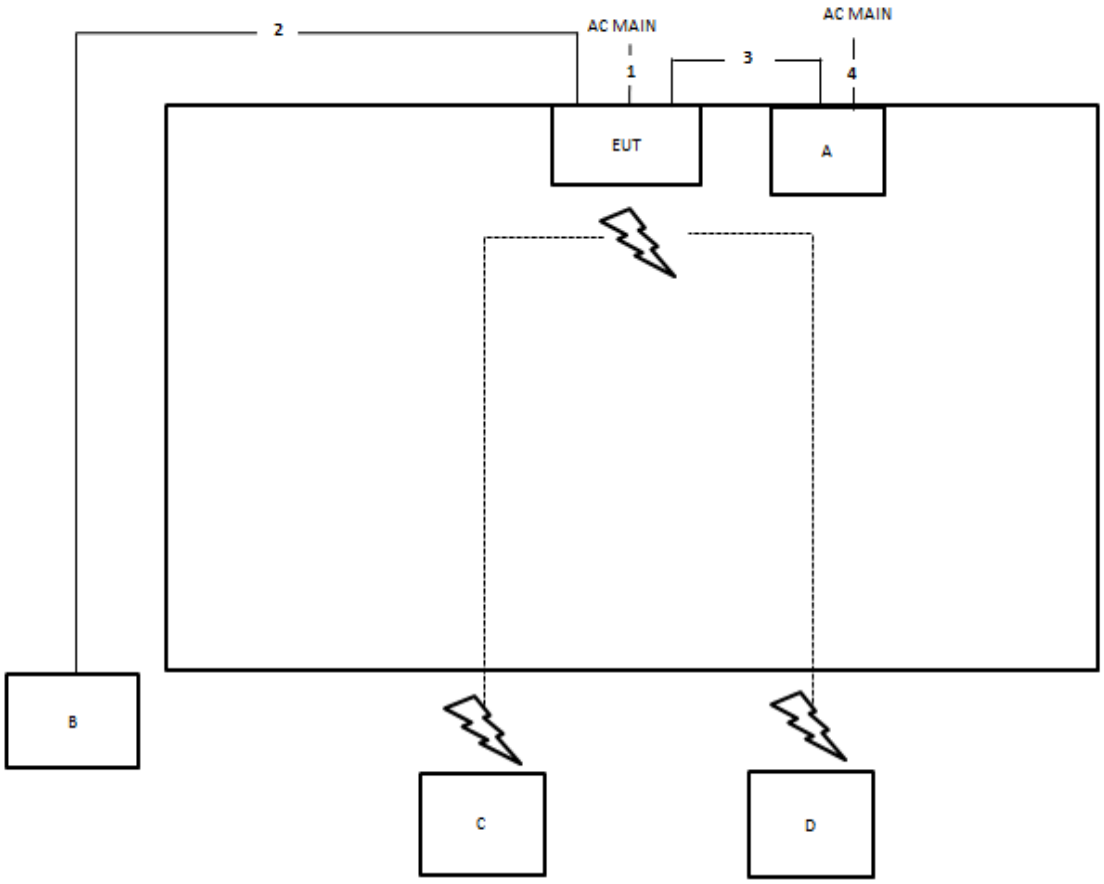
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

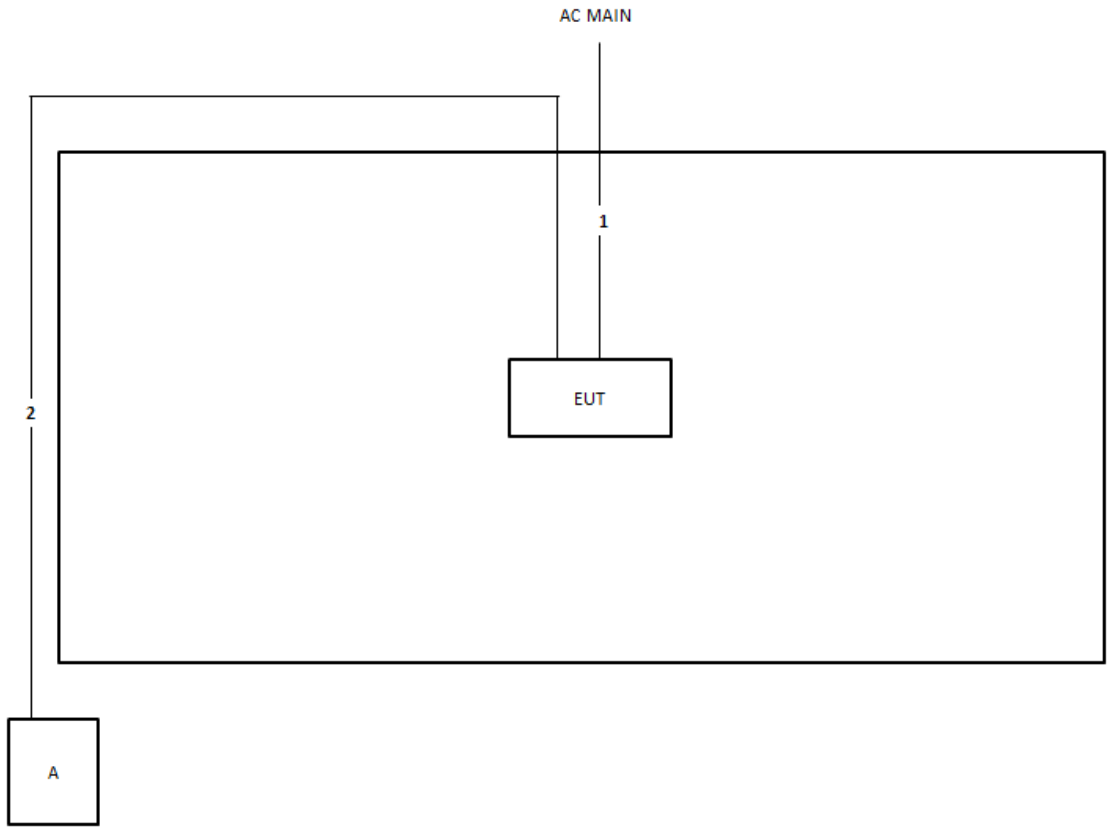
Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz

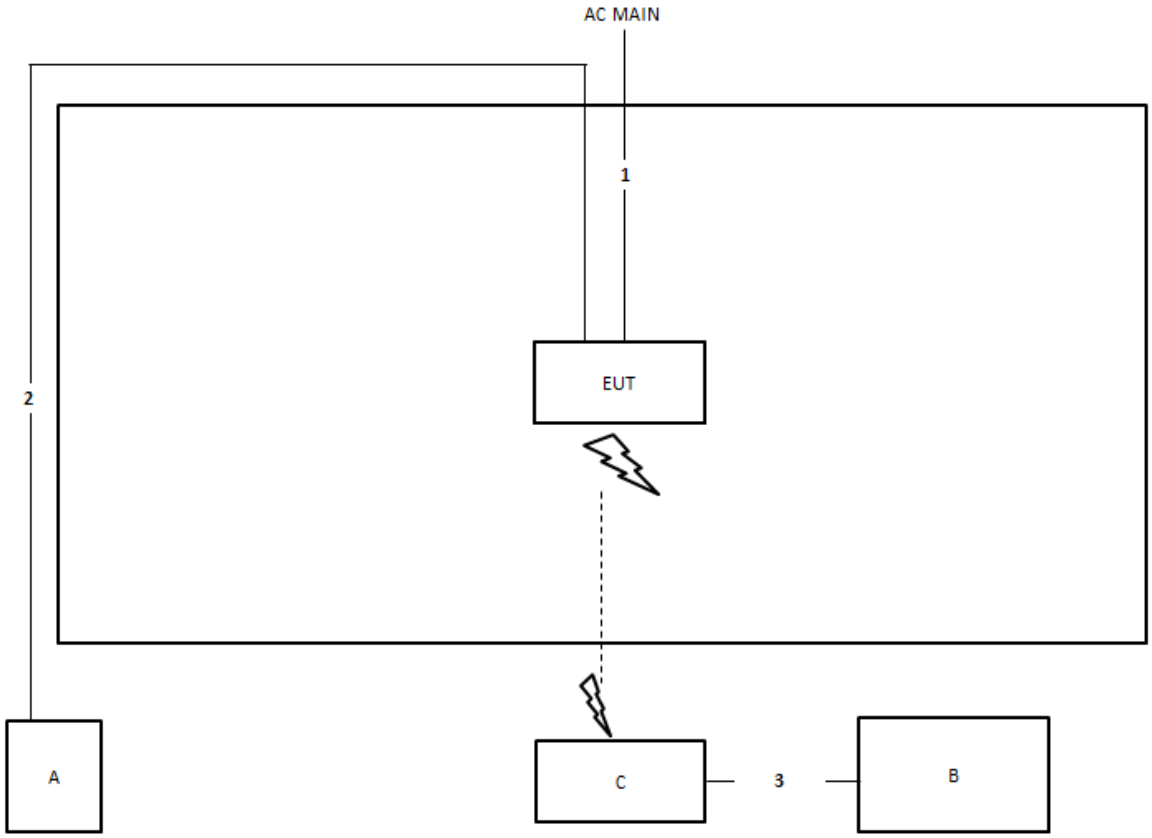
<non-beamforming mode>



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

Test Setup Diagram - Radiated Test > 1GHz

<beamforming mode>



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	1.0m
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

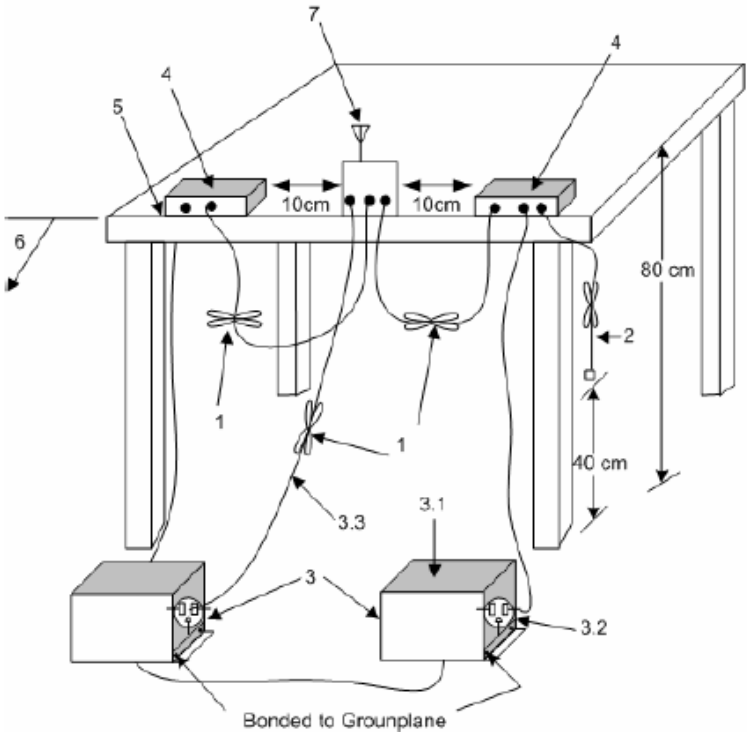
Refer a test equipment and calibration data table in this test report.

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.

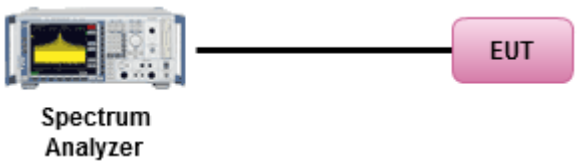
3.2.2 Measuring Instruments

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

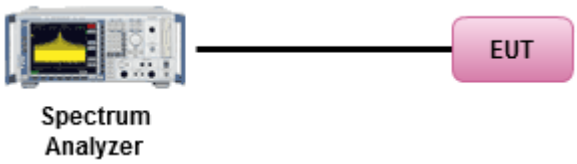
Refer a test equipment and calibration data table in this test report.

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

For Straddle channel test:

RF Output Power (Spectrum Analyzer)


For other test:

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.	

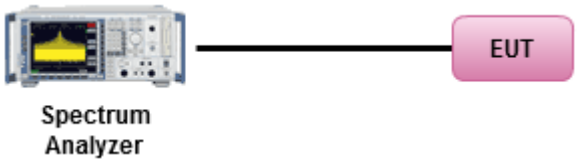
3.4.2 Measuring Instruments

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.

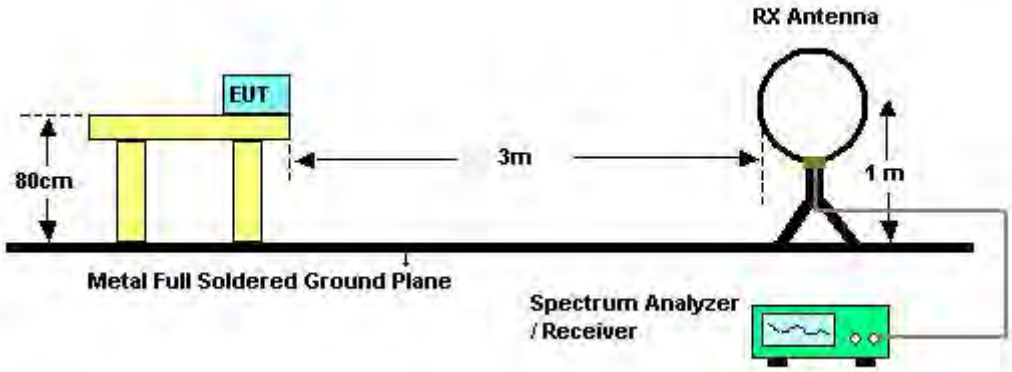
3.5.3 Test Procedures

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.			

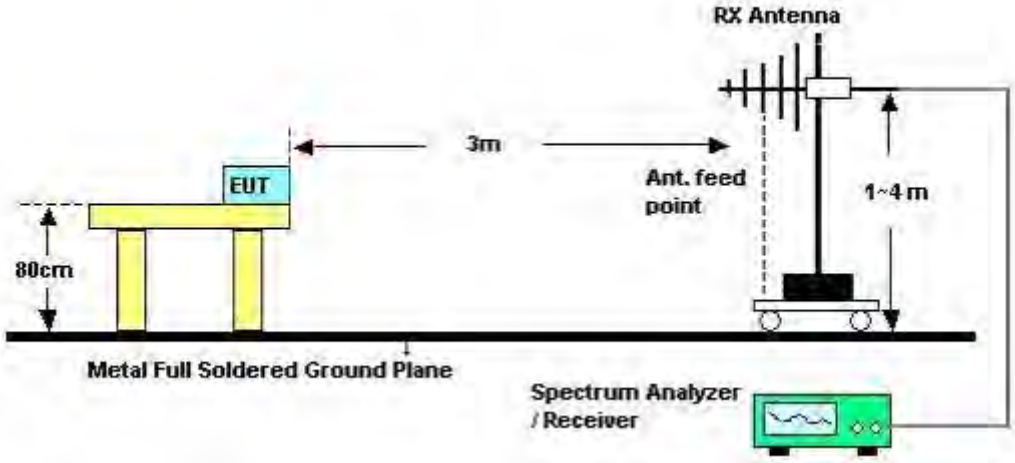
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

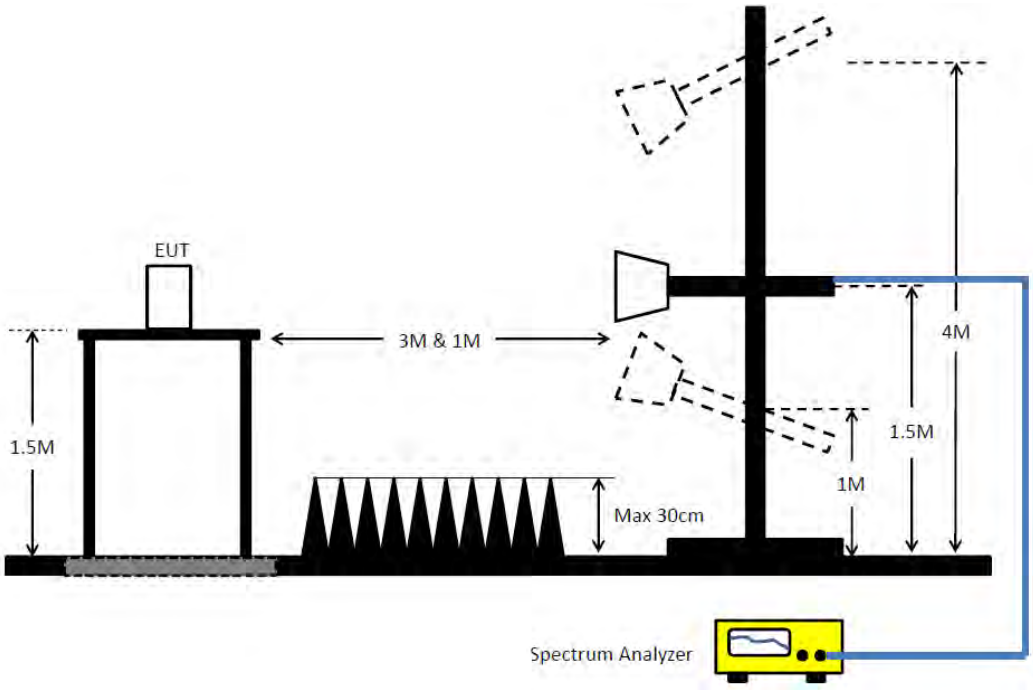
9kHz ~30MHz



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

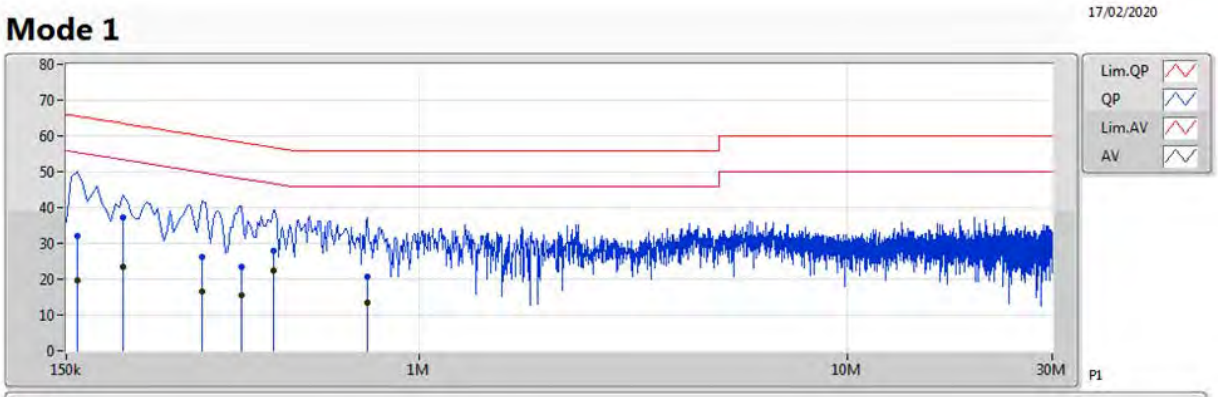
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Oct. 30, 2019	Oct. 29, 2020	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY54130031	9kHz ~ 8.45GHz	Nov. 08, 2019	Nov. 07, 2020	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	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 28, 2019	Mar. 27, 2020	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 16, 2020	Mar. 15, 2021	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. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
Horn Antenna	ETS-LINDGREN	3115	00075790	750MHz ~ 18GHz	Nov. 04, 2019	Nov. 03, 2020	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2020	Jan. 07, 2021	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)

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

NCR means Non-Calibration required.

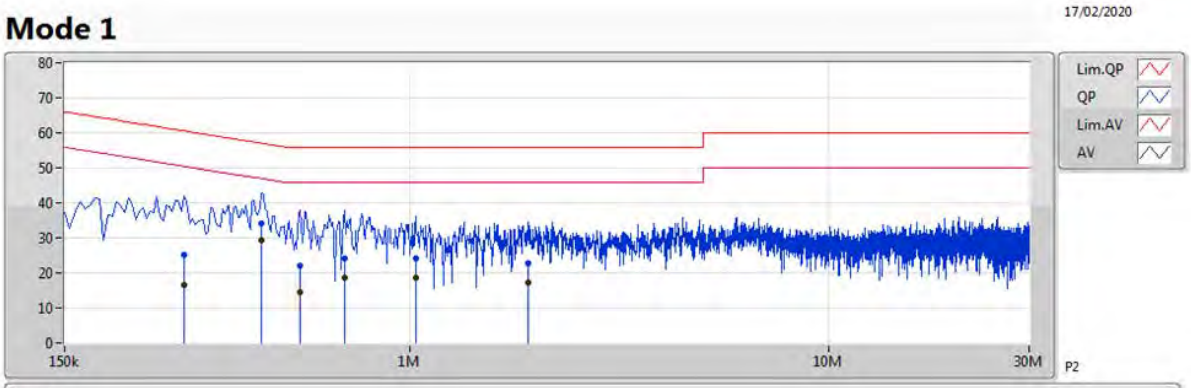
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	159k	31.94	65.52	-33.58	10.21	Line	-	21.73	0.05	0.06	10.10
AV	159k	19.77	55.52	-35.75	10.21	Line	-	9.56	0.05	0.06	10.10
QP	204k	37.07	63.44	-26.37	10.22	Line	-	26.85	0.05	0.07	10.10
AV	204k	23.44	53.44	-30.00	10.22	Line	-	13.22	0.05	0.07	10.10
QP	312k	26.19	59.92	-33.73	10.23	Line	-	15.96	0.05	0.08	10.10
AV	312k	16.45	49.92	-33.47	10.23	Line	-	6.22	0.05	0.08	10.10
QP	384k	23.43	58.20	-34.77	10.23	Line	-	13.20	0.05	0.08	10.10
AV	384k	15.44	48.20	-32.76	10.23	Line	-	5.21	0.05	0.08	10.10
QP	456k	28.10	56.76	-28.66	10.24	Line	-	17.86	0.05	0.09	10.10
AV	456k	22.52	46.76	-24.24	10.24	Line	"Worst"	12.28	0.05	0.09	10.10
QP	757.5k	20.55	56.00	-35.45	10.27	Line	-	10.28	0.06	0.11	10.10
AV	757.5k	13.56	46.00	-32.44	10.27	Line	-	3.29	0.06	0.11	10.10

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	289.5k	25.19	60.53	-35.34	10.23	Neutral	-	14.96	0.05	0.08	10.10
AV	289.5k	16.53	50.53	-34.00	10.23	Neutral	-	6.30	0.05	0.08	10.10
QP	442.5k	34.17	57.01	-22.84	10.23	Neutral	-	23.94	0.05	0.08	10.10
AV	442.5k	29.29	47.01	-17.72	10.23	Neutral	"Worst"	19.06	0.05	0.08	10.10
QP	546k	21.96	56.00	-34.04	10.24	Neutral	-	11.72	0.05	0.09	10.10
AV	546k	14.58	46.00	-31.42	10.24	Neutral	-	4.34	0.05	0.09	10.10
QP	699k	24.25	56.00	-31.75	10.26	Neutral	-	13.99	0.06	0.10	10.10
AV	699k	18.69	46.00	-27.31	10.26	Neutral	-	8.43	0.06	0.10	10.10
QP	1.032M	24.29	56.00	-31.71	10.28	Neutral	-	14.01	0.06	0.12	10.10
AV	1.032M	18.50	46.00	-27.50	10.28	Neutral	-	8.22	0.06	0.12	10.10
QP	1.914M	22.87	56.00	-33.13	10.34	Neutral	-	12.53	0.08	0.16	10.10
AV	1.914M	17.07	46.00	-28.93	10.34	Neutral	-	6.73	0.08	0.16	10.10

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	37.71M	17.751M	17M8D1D	21.21M	16.732M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	41.37M	20.21M	20M2D1D	21.3M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	58.8M	37.781M	37M8D1D	39.9M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.08M	77.001M	77M0D1D	81.6M	77.001M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.32M	77.841M	77M8D1D	81.6M	77.601M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.45M	16.822M	16M8D1D	21.18M	16.672M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.57M	19.1M	19M1D1D	21.39M	19.01M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.08M	37.601M	37M6D1D	39.78M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.32M	77.121M	77M1D1D	81.6M	77.001M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.92M	77.841M	77M8D1D	82.68M	77.721M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.51M	16.792M	16M8D1D	15.61M	13.363M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.6M	19.1M	19M1D1D	15.68M	14.535M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.14M	37.661M	37M7D1D	34.95M	33.583M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.32M	77.121M	77M1D1D	75.873M	73.046M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	164.88M	155.682M	156MD1D	164.4M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.5M	18.861M	18M9D1D	3.12M	4.153M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.99M	19.25M	19M2D1D	4.41M	4.618M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.62M	37.901M	37M9D1D	3.69M	4.018M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	77.64M	77.121M	77M1D1D	3.705M	4.078M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.21M	16.732M	21.33M	16.822M	21.42M	16.762M	21.42M	16.762M
5200MHz	Pass	Inf	24.36M	16.912M	26.22M	17.031M	36.78M	17.511M	37.71M	17.751M
5240MHz	Pass	Inf	22.56M	16.882M	24.42M	17.001M	37.32M	17.661M	37.17M	17.361M
5260MHz	Pass	Inf	21.18M	16.732M	21.36M	16.762M	21.45M	16.762M	21.3M	16.702M
5300MHz	Pass	Inf	21.21M	16.702M	21.42M	16.822M	21.36M	16.762M	21.39M	16.672M
5320MHz	Pass	Inf	21.21M	16.762M	21.42M	16.822M	21.39M	16.762M	21.36M	16.672M
5500MHz	Pass	Inf	21.21M	16.762M	21.45M	16.792M	21.39M	16.762M	21.27M	16.672M
5580MHz	Pass	Inf	21.24M	16.762M	21.51M	16.792M	21.27M	16.792M	21.33M	16.642M
5620MHz	Pass	Inf	21.18M	16.724M	21.42M	16.767M	21.36M	16.737M	21.3M	16.676M
5700MHz	Pass	Inf	21.18M	16.762M	21.42M	16.762M	21.3M	16.762M	21.42M	16.702M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.61M	13.381M	15.628M	13.416M	15.715M	13.468M	15.698M	13.363M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.12M	4.228M	3.12M	4.243M	3.12M	4.213M	3.12M	4.153M
5745MHz	Pass	500k	16.35M	17.361M	16.32M	17.301M	16.5M	18.771M	16.32M	17.271M
5785MHz	Pass	500k	16.32M	17.271M	16.32M	17.271M	16.32M	18.861M	16.32M	17.331M
5825MHz	Pass	500k	16.32M	17.181M	16.32M	17.091M	16.29M	18.081M	16.35M	17.031M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.51M	19.07M	21.3M	19.07M	21.51M	19.13M	21.51M	19.1M
5200MHz	Pass	Inf	34.41M	19.22M	29.34M	19.22M	41.37M	20.21M	40.92M	19.82M
5240MHz	Pass	Inf	27.57M	19.16M	24.45M	19.19M	41.07M	19.82M	37.53M	19.52M
5260MHz	Pass	Inf	21.54M	19.01M	21.48M	19.07M	21.54M	19.1M	21.48M	19.07M
5300MHz	Pass	Inf	21.48M	19.01M	21.42M	19.04M	21.54M	19.07M	21.54M	19.1M
5320MHz	Pass	Inf	21.57M	19.01M	21.39M	19.07M	21.51M	19.07M	21.54M	19.1M
5500MHz	Pass	Inf	21.51M	19.01M	21.45M	19.07M	21.54M	19.07M	21.51M	19.1M
5580MHz	Pass	Inf	21.48M	19.04M	21.45M	19.04M	21.6M	19.1M	21.33M	19.07M
5620MHz	Pass	Inf	21.54M	19.003M	21.24M	19.049M	21.57M	19.071M	21.54M	19.089M
5700MHz	Pass	Inf	21.48M	19.01M	21.45M	19.04M	21.57M	19.07M	21.57M	19.1M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.82M	14.535M	15.68M	14.535M	15.768M	14.553M	15.75M	14.535M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.41M	4.618M	4.425M	4.663M	4.425M	4.663M	4.515M	4.738M
5745MHz	Pass	500k	18.96M	19.13M	18.93M	19.13M	18.9M	19.25M	18.87M	19.19M
5785MHz	Pass	500k	18.93M	19.1M	18.87M	19.1M	18.93M	19.22M	18.99M	19.16M
5825MHz	Pass	500k	18.96M	19.13M	18.93M	19.13M	18.9M	19.19M	18.93M	19.19M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.481M	39.9M	37.541M	40.14M	37.541M	40.08M	37.541M
5230MHz	Pass	Inf	41.88M	37.661M	40.08M	37.661M	58.8M	37.781M	49.98M	37.781M
5270MHz	Pass	Inf	40.02M	37.481M	39.84M	37.541M	39.96M	37.601M	39.96M	37.541M
5310MHz	Pass	Inf	40.02M	37.541M	39.78M	37.541M	40.08M	37.601M	40.08M	37.541M
5510MHz	Pass	Inf	40.14M	37.601M	39.84M	37.541M	39.96M	37.601M	40.14M	37.601M
5550MHz	Pass	Inf	40.02M	37.601M	39.84M	37.601M	40.14M	37.541M	40.08M	37.541M
5630MHz	Pass	Inf	39.78M	37.542M	39.84M	37.583M	39.96M	37.59M	40.02M	37.591M
5670MHz	Pass	Inf	39.96M	37.541M	39.9M	37.601M	40.14M	37.661M	40.02M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.025M	33.583M	34.95M	33.583M	35.138M	33.658M	35.138M	33.621M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.9M	4.018M	3.81M	4.033M	3.69M	4.033M	3.81M	4.048M
5755MHz	Pass	500k	37.62M	37.721M	36.72M	37.661M	37.44M	37.901M	37.32M	37.721M

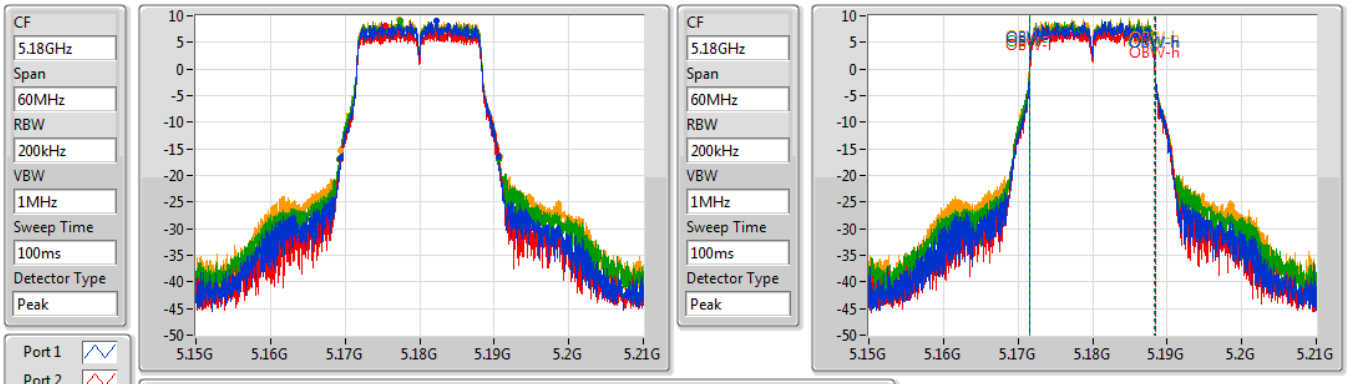
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5795MHz	Pass	500k	37.56M	37.721M	36.78M	37.721M	37.5M	37.901M	37.32M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.08M	77.001M	81.96M	77.001M	81.84M	77.001M	81.6M	77.001M
5290MHz	Pass	Inf	82.08M	77.121M	82.32M	77.001M	81.6M	77.121M	81.84M	77.121M
5530MHz	Pass	Inf	82.2M	77.121M	82.08M	77.121M	82.08M	77.121M	81.96M	77.001M
5610MHz	Pass	Inf	82.32M	77.121M	82.32M	77.001M	81.84M	77.001M	81.6M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.873M	73.123M	76.028M	73.046M	75.95M	73.046M	75.873M	73.201M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.72M	4.153M	3.765M	4.123M	3.705M	4.078M	3.735M	4.093M
5775MHz	Pass	500k	77.04M	77.121M	77.64M	77.121M	75.96M	77.121M	76.08M	77.121M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.84M	77.601M	81.6M	77.721M	82.32M	77.841M	82.08M	77.721M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.68M	77.721M	82.68M	77.841M	82.92M	77.721M	82.68M	77.841M
5570MHz	Pass	Inf	164.88M	155.682M	164.64M	155.202M	164.88M	154.963M	164.4M	155.202M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5180MHz

15/02/2020

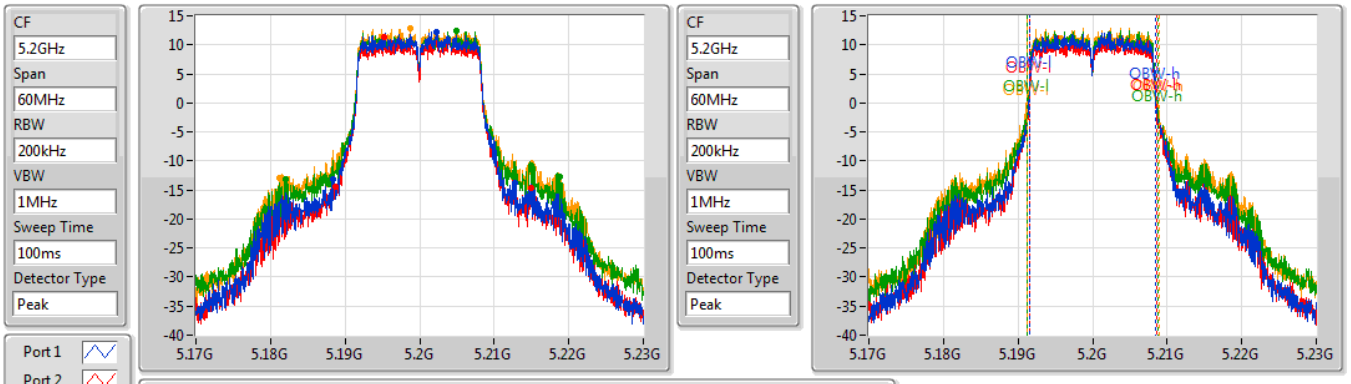


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.16938G	5.19059G	16.732M	5.171634G	5.188366G	Inf	1
21.33M	5.16935G	5.19068G	16.822M	5.171574G	5.188396G	Inf	2
21.42M	5.16926G	5.19068G	16.762M	5.171574G	5.188336G	Inf	3
21.42M	5.16935G	5.19077G	16.762M	5.171604G	5.188366G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5200MHz

15/02/2020

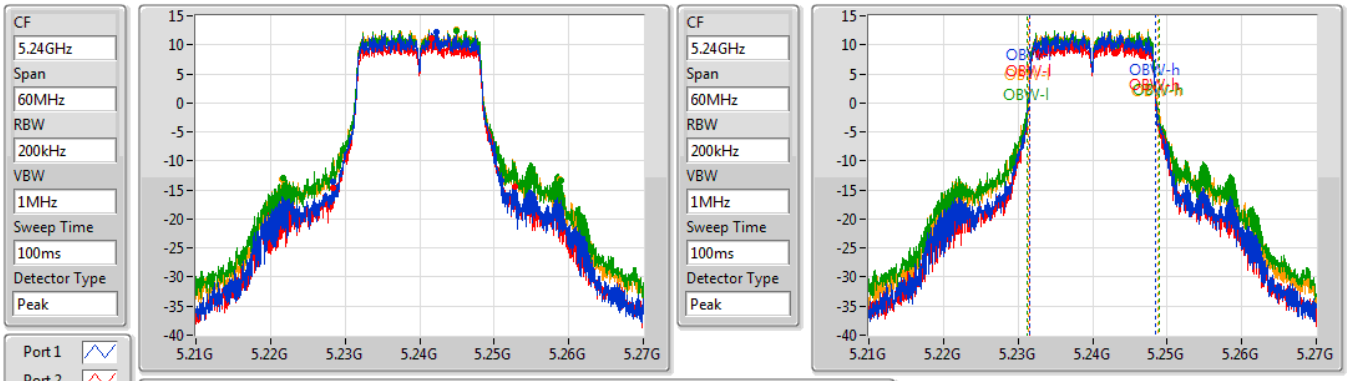


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.36M	5.18845G	5.21281G	16.912M	5.191544G	5.208456G	Inf	1
26.22M	5.18878G	5.215G	17.031M	5.191514G	5.208546G	Inf	2
36.78M	5.182G	5.21878G	17.511M	5.191304G	5.208816G	Inf	3
37.71M	5.18116G	5.21887G	17.751M	5.191214G	5.208966G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5240MHz

15/02/2020

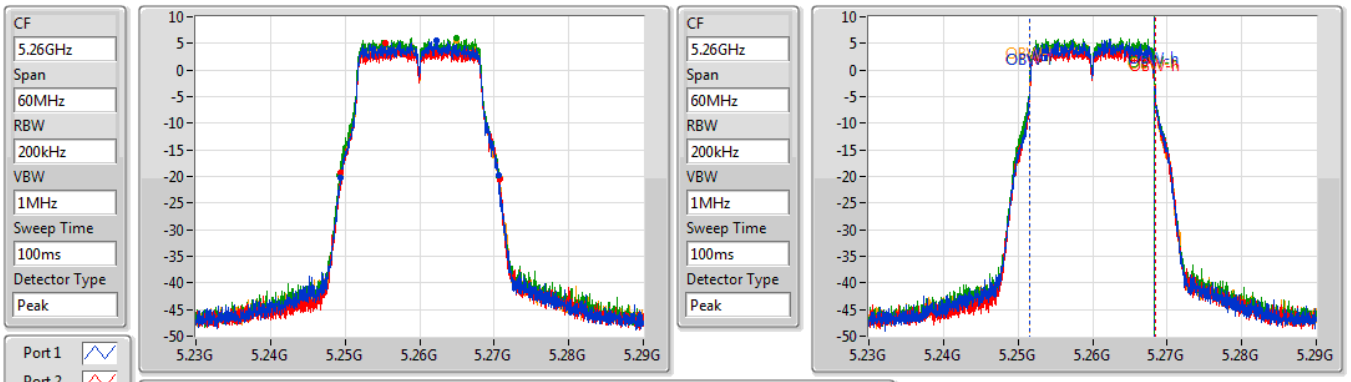


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.56M	5.22839G	5.25095G	16.882M	5.231574G	5.248456G	Inf	1
24.42M	5.22839G	5.25281G	17.001M	5.231514G	5.248516G	Inf	2
37.32M	5.22164G	5.25896G	17.661M	5.231244G	5.248906G	Inf	3
37.17M	5.22161G	5.25878G	17.361M	5.231424G	5.248786G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

15/02/2020

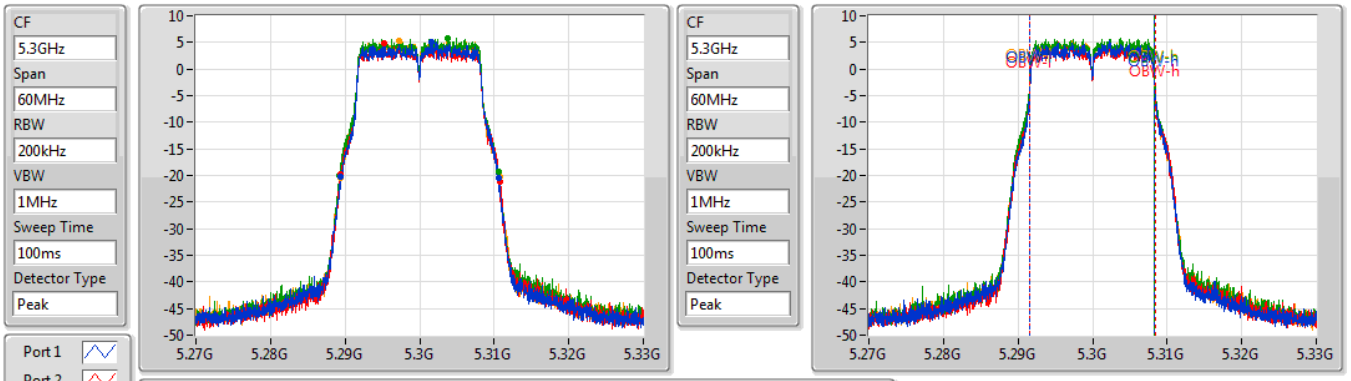


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.24938G	5.27056G	16.732M	5.251604G	5.268336G	Inf	1
21.36M	5.24941G	5.27077G	16.762M	5.251604G	5.268366G	Inf	2
21.45M	5.24923G	5.27068G	16.762M	5.251574G	5.268336G	Inf	3
21.3M	5.24944G	5.27074G	16.702M	5.251634G	5.268336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

15/02/2020

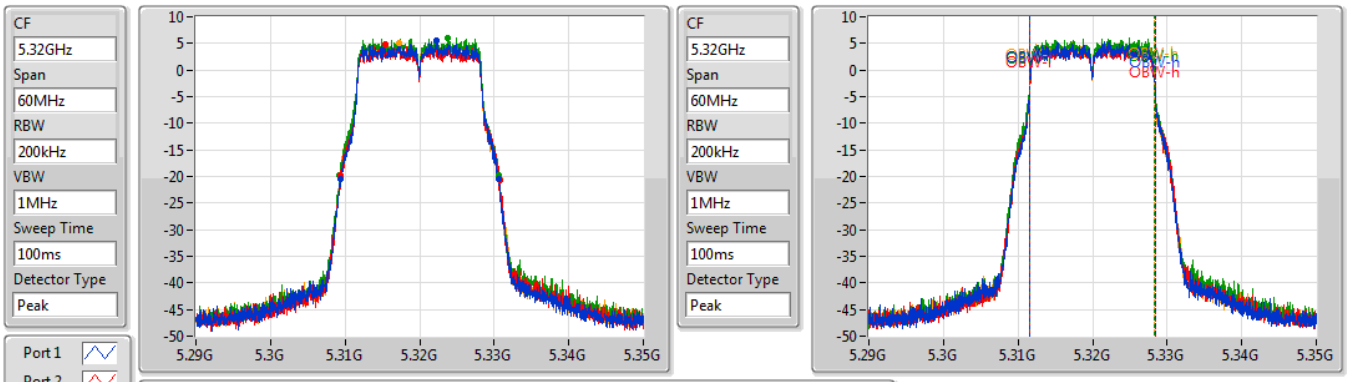


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.28941G	5.31062G	16.702M	5.291634G	5.308336G	Inf	1
21.42M	5.28938G	5.3108G	16.822M	5.291574G	5.308396G	Inf	2
21.36M	5.28926G	5.31062G	16.762M	5.291574G	5.308336G	Inf	3
21.39M	5.28935G	5.31074G	16.672M	5.291634G	5.308306G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

15/02/2020

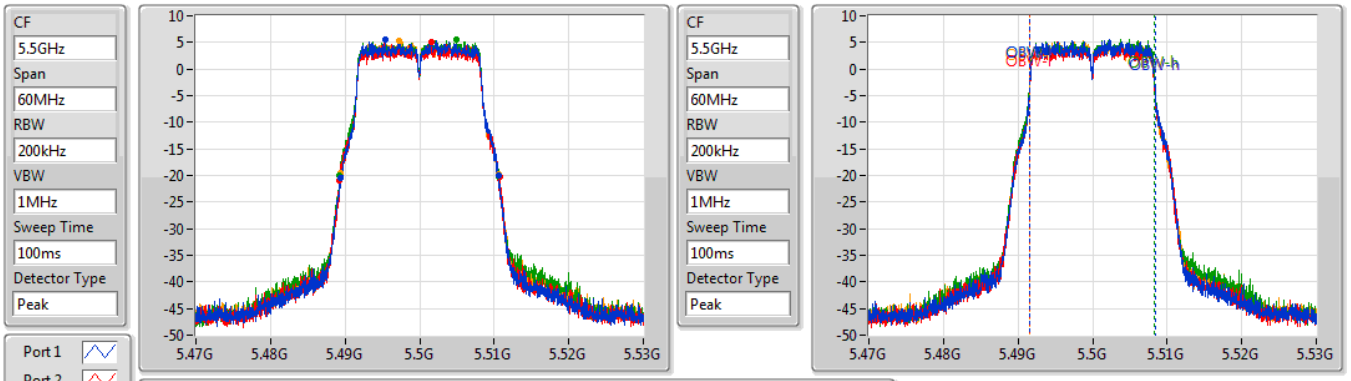


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.30938G	5.33059G	16.762M	5.311604G	5.328366G	Inf	1
21.42M	5.30938G	5.3308G	16.822M	5.311574G	5.328396G	Inf	2
21.39M	5.30926G	5.33065G	16.762M	5.311574G	5.328336G	Inf	3
21.36M	5.30938G	5.33074G	16.672M	5.311634G	5.328306G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

15/02/2020

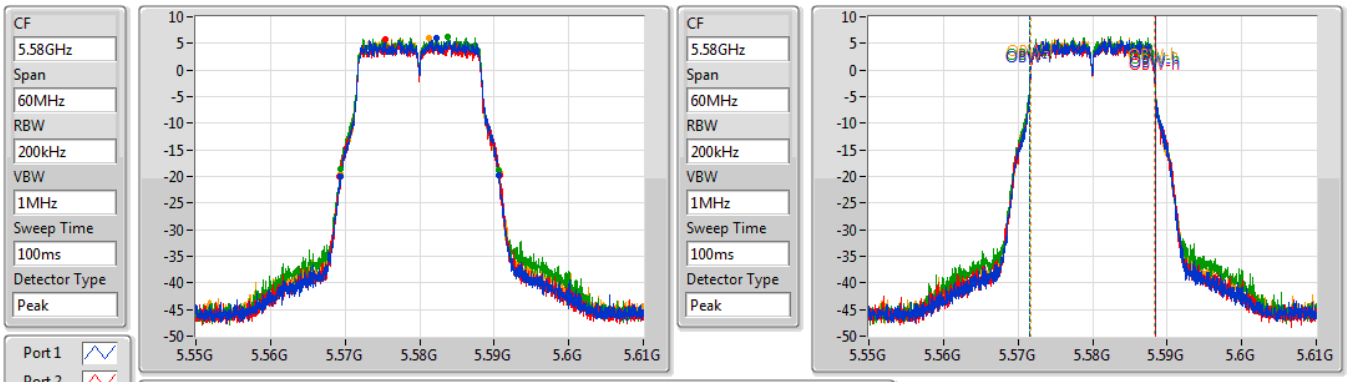


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.21M	5.48938G	5.51059G	16.762M	5.491604G	5.508366G	Inf	1
21.45M	5.48926G	5.51071G	16.792M	5.491574G	5.508366G	Inf	2
21.39M	5.48929G	5.51068G	16.762M	5.491574G	5.508336G	Inf	3
21.27M	5.48941G	5.51068G	16.672M	5.491634G	5.508306G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

15/02/2020

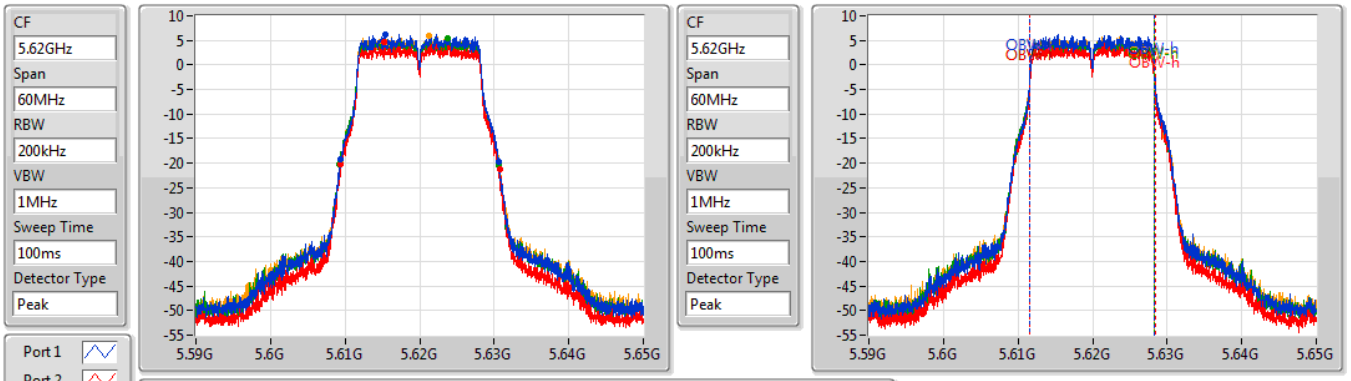


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.24M	5.56941G	5.59065G	16.762M	5.571634G	5.588396G	Inf	1
21.51M	5.56929G	5.5908G	16.792M	5.571604G	5.588396G	Inf	2
21.27M	5.56935G	5.59062G	16.792M	5.571574G	5.588366G	Inf	3
21.33M	5.56938G	5.59071G	16.642M	5.571664G	5.588306G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5620MHz

27/02/2020

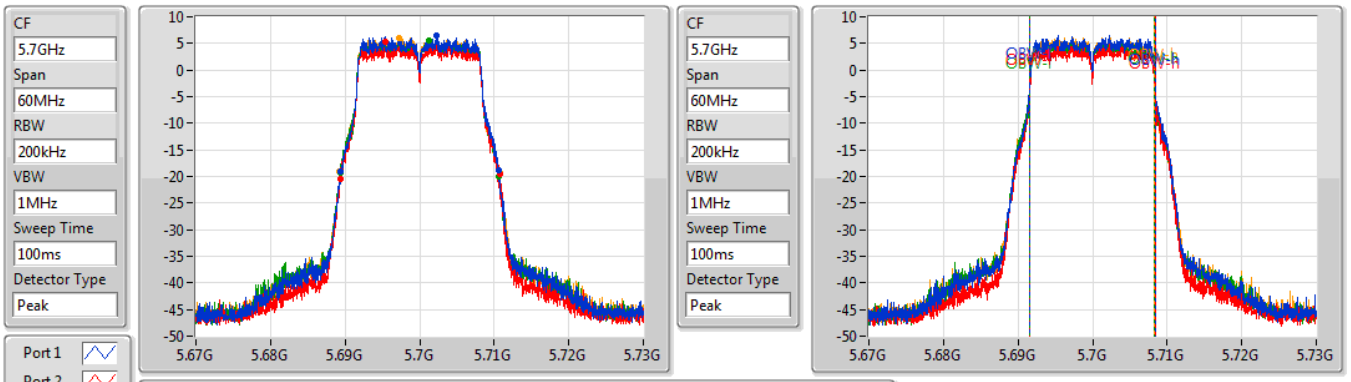


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.60944G	5.63062G	16.724M	5.611628G	5.628352G	Inf	1
21.42M	5.60938G	5.6308G	16.767M	5.611591G	5.628357G	Inf	2
21.36M	5.60929G	5.63065G	16.737M	5.611582G	5.628318G	Inf	3
21.3M	5.60938G	5.63068G	16.676M	5.611622G	5.628298G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

15/02/2020

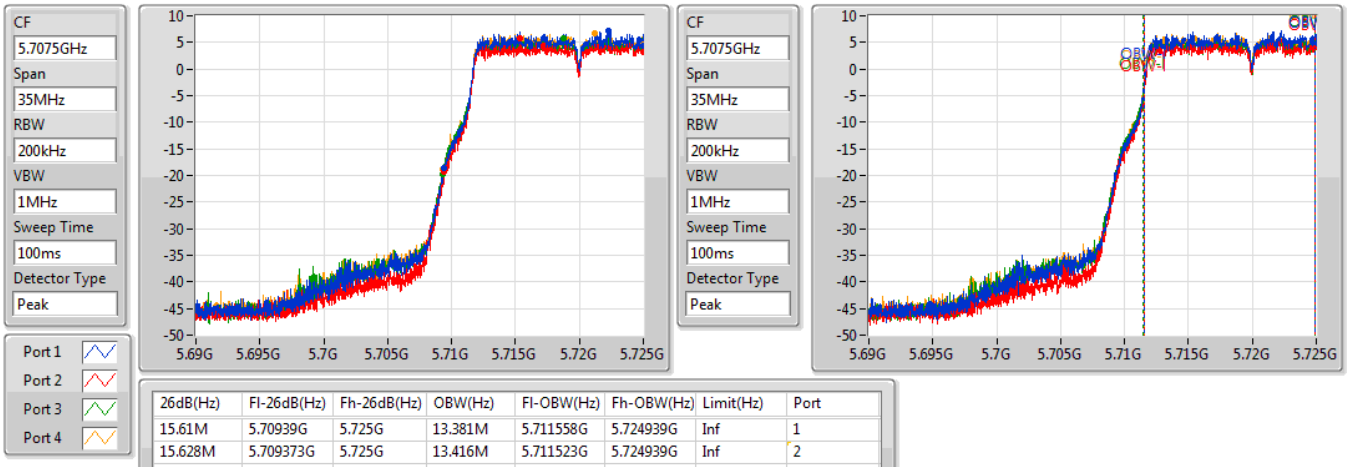


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.18M	5.68944G	5.71062G	16.762M	5.691634G	5.708396G	Inf	1
21.42M	5.68932G	5.71074G	16.762M	5.691604G	5.708366G	Inf	2
21.3M	5.68935G	5.71065G	16.762M	5.691574G	5.708336G	Inf	3
21.42M	5.68929G	5.71071G	16.702M	5.691634G	5.708336G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

15/02/2020

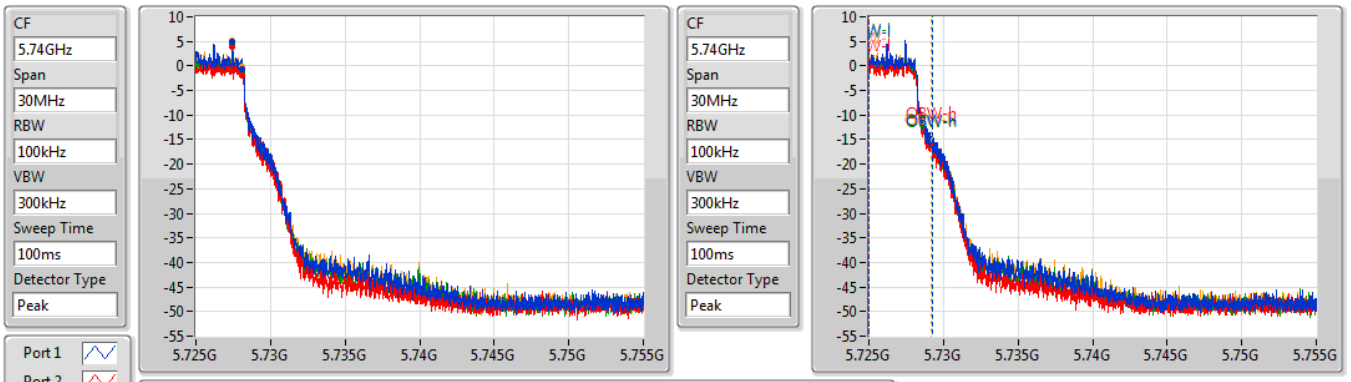


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.61M	5.70939G	5.725G	13.381M	5.711558G	5.724939G	Inf	1
15.628M	5.709373G	5.725G	13.416M	5.711523G	5.724939G	Inf	2
15.715M	5.709285G	5.725G	13.468M	5.711471G	5.724939G	Inf	3
15.698M	5.709303G	5.725G	13.363M	5.711575G	5.724939G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

15/02/2020

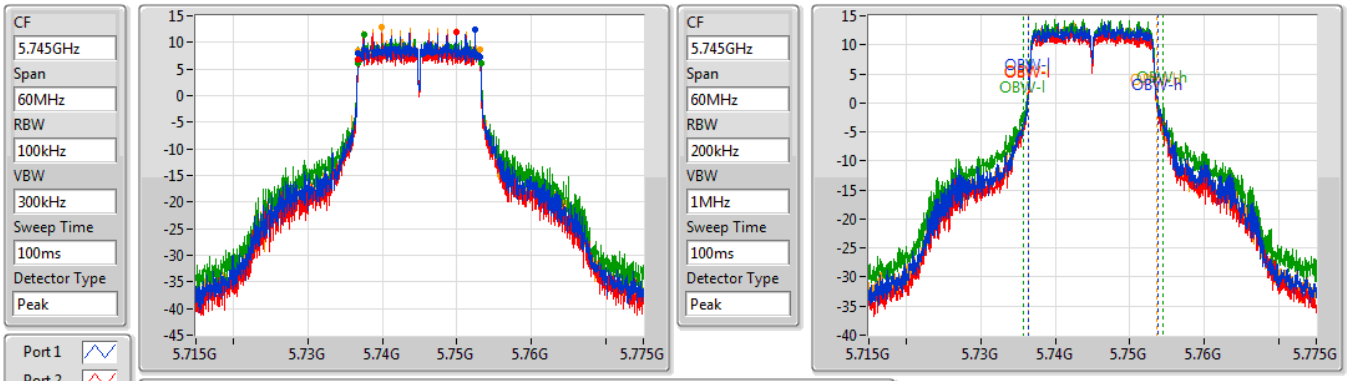


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.12M	5.725G	5.72812G	4.228M	5.725007G	5.729235G	500k	1
3.12M	5.725G	5.72812G	4.243M	5.725022G	5.729265G	500k	2
3.12M	5.725G	5.72812G	4.213M	5.725007G	5.72922G	500k	3
3.12M	5.725G	5.72812G	4.153M	5.725022G	5.729175G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

15/02/2020

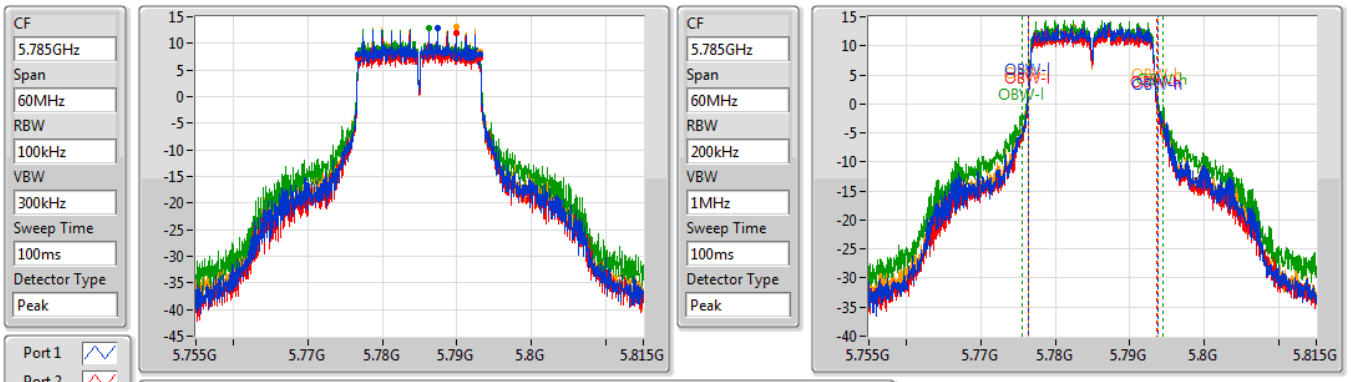


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.35M	5.73678G	5.75313G	17.361M	5.736394G	5.753756G	500k	1
16.32M	5.73678G	5.7531G	17.301M	5.736394G	5.753696G	500k	2
16.5M	5.73669G	5.75319G	18.771M	5.735645G	5.754415G	500k	3
16.32M	5.73678G	5.7531G	17.271M	5.736394G	5.753666G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

15/02/2020

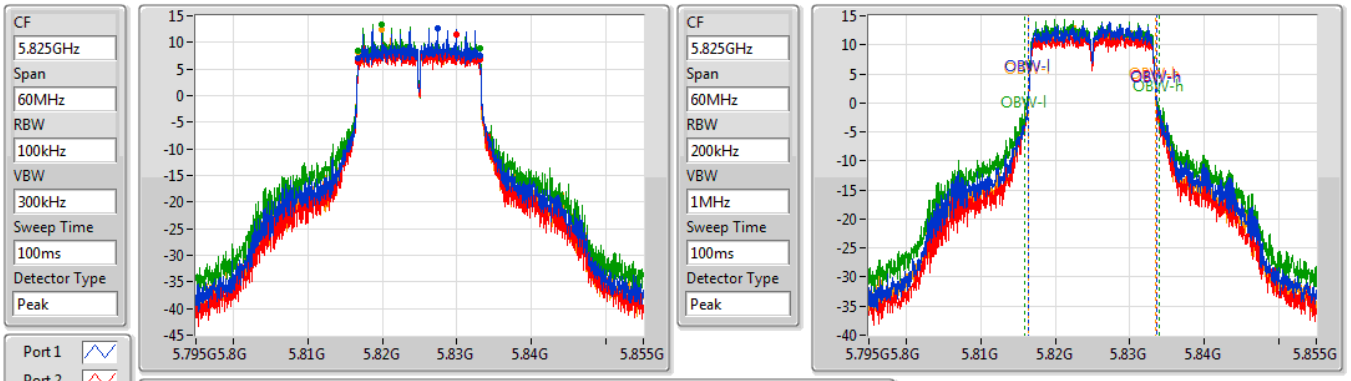


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.77678G	5.7931G	17.271M	5.776454G	5.793726G	500k	1
16.32M	5.77678G	5.7931G	17.271M	5.776394G	5.793666G	500k	2
16.32M	5.77678G	5.7931G	18.861M	5.775585G	5.794445G	500k	3
16.32M	5.77678G	5.7931G	17.331M	5.776364G	5.793696G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

15/02/2020

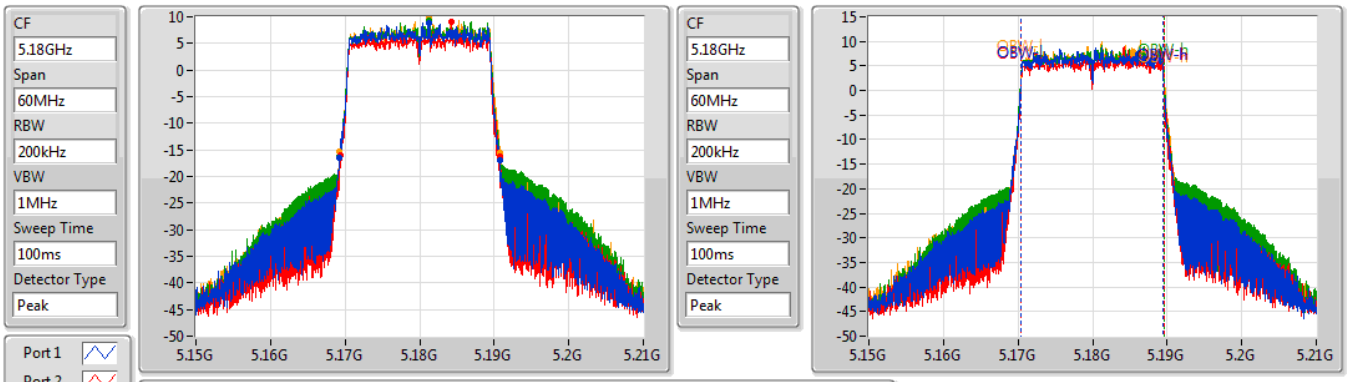


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.32M	5.81678G	5.8331G	17.181M	5.816454G	5.833636G	500k	1
16.32M	5.81678G	5.8331G	17.091M	5.816454G	5.833546G	500k	2
16.29M	5.81678G	5.83307G	18.081M	5.815885G	5.833966G	500k	3
16.35M	5.81678G	5.83313G	17.031M	5.816454G	5.833486G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5180MHz

17/02/2020

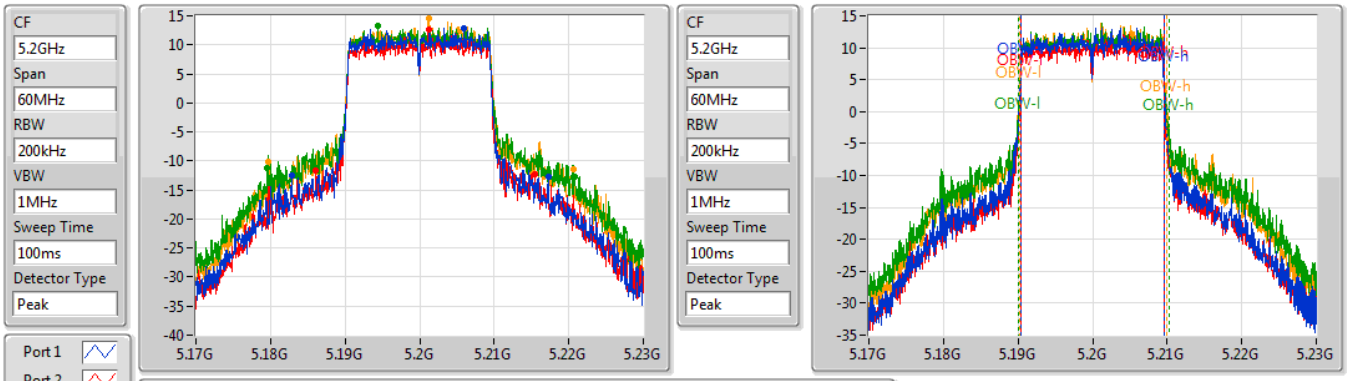


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.16923G	5.19074G	19.07M	5.170435G	5.189505G	Inf	1
21.3M	5.16941G	5.19071G	19.07M	5.170465G	5.189535G	Inf	2
21.51M	5.16926G	5.19077G	19.13M	5.170435G	5.189565G	Inf	3
21.51M	5.16929G	5.1908G	19.1M	5.170465G	5.189565G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5200MHz

17/02/2020

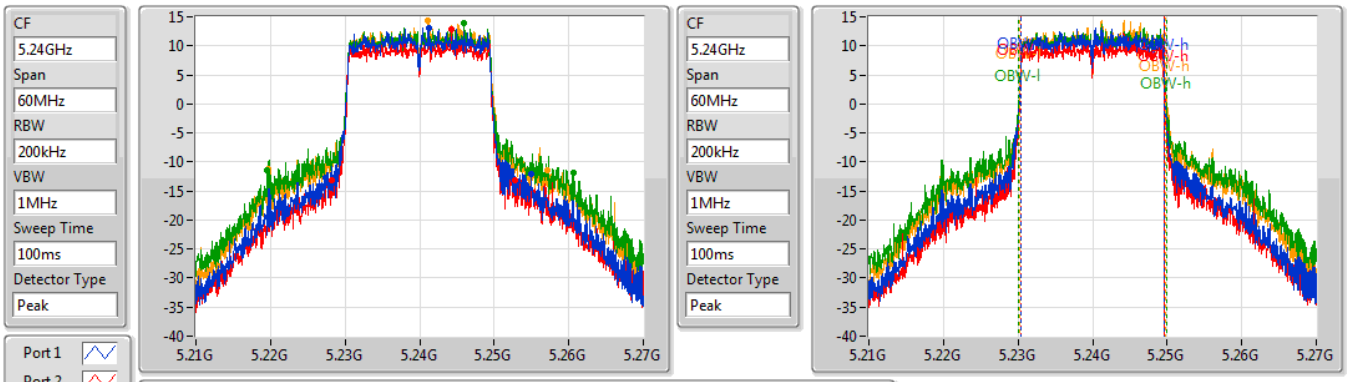


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.41M	5.18281G	5.21722G	19.22M	5.190345G	5.209565G	Inf	1
29.34M	5.18605G	5.21539G	19.22M	5.190375G	5.209595G	Inf	2
41.37M	5.17948G	5.22085G	20.21M	5.190045G	5.210255G	Inf	3
40.92M	5.17969G	5.22061G	19.82M	5.190195G	5.210015G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5240MHz

17/02/2020

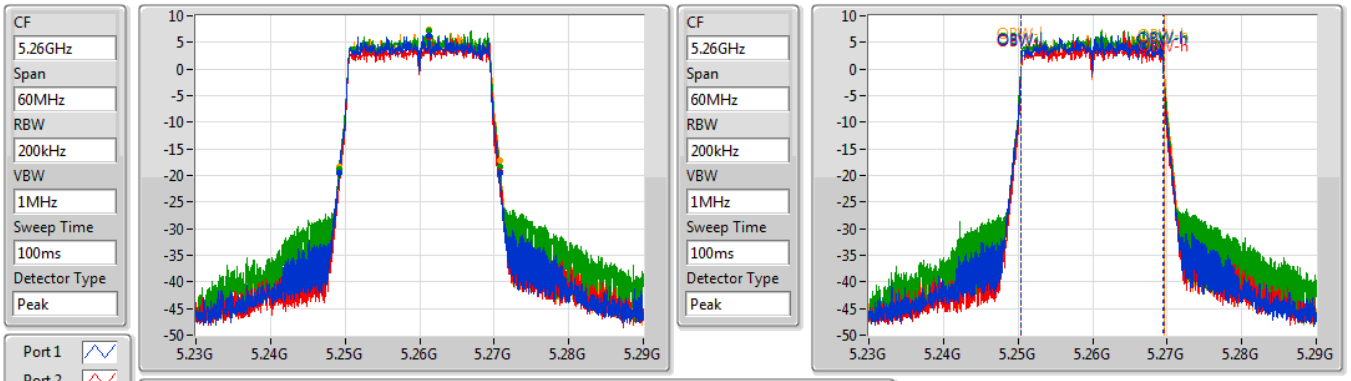


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.57M	5.2274G	5.25497G	19.16M	5.230375G	5.249535G	Inf	1
24.45M	5.2283G	5.25275G	19.19M	5.230405G	5.249595G	Inf	2
41.07M	5.21957G	5.26064G	19.82M	5.230135G	5.249955G	Inf	3
37.53M	5.21966G	5.25719G	19.52M	5.230285G	5.249805G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5260MHz

17/02/2020

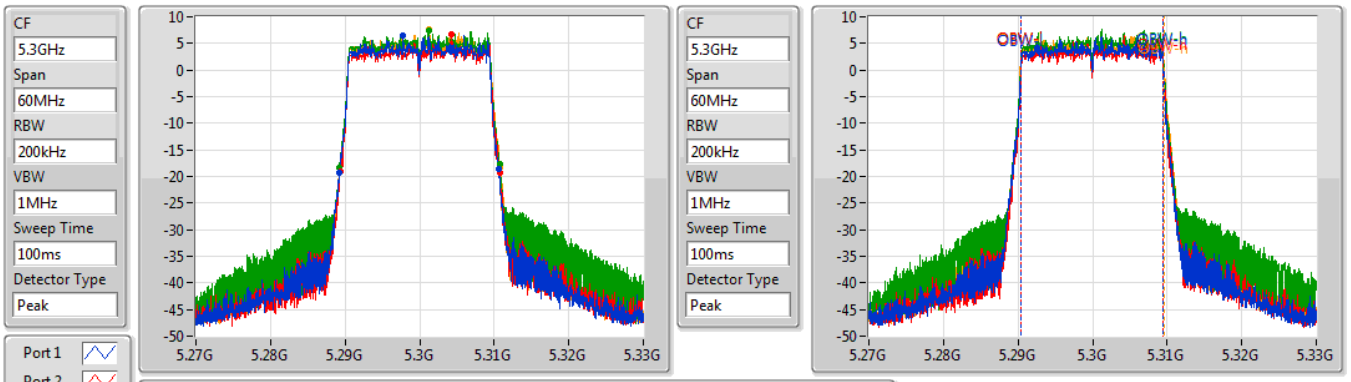


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.24917G	5.27071G	19.01M	5.250435G	5.269445G	Inf	1
21.48M	5.24929G	5.27077G	19.07M	5.250465G	5.269535G	Inf	2
21.54M	5.2492G	5.27074G	19.1M	5.250435G	5.269535G	Inf	3
21.48M	5.24926G	5.27074G	19.07M	5.250465G	5.269535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5300MHz

17/02/2020

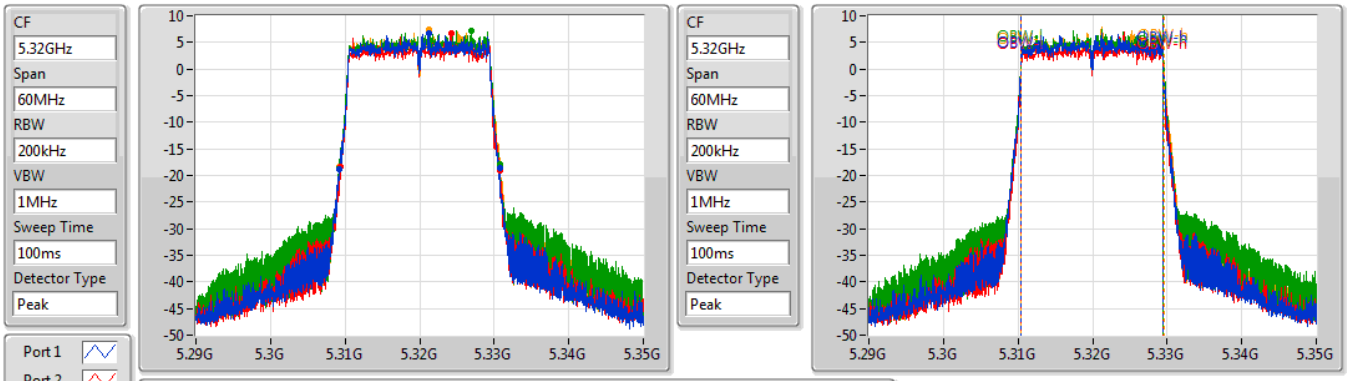


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.2892G	5.31068G	19.01M	5.290435G	5.309445G	Inf	1
21.42M	5.28932G	5.31074G	19.04M	5.290465G	5.309505G	Inf	2
21.54M	5.2892G	5.31074G	19.07M	5.290435G	5.309505G	Inf	3
21.54M	5.28926G	5.3108G	19.1M	5.290435G	5.309535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5320MHz

17/02/2020

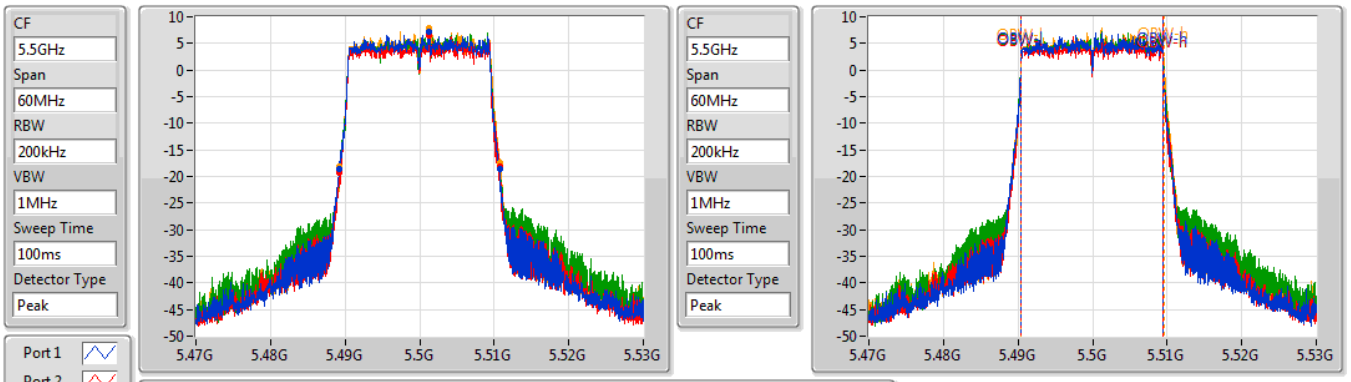


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.57M	5.30917G	5.33074G	19.01M	5.310435G	5.329445G	Inf	1
21.39M	5.30935G	5.33074G	19.07M	5.310435G	5.329505G	Inf	2
21.51M	5.3092G	5.33071G	19.07M	5.310435G	5.329505G	Inf	3
21.54M	5.30929G	5.33083G	19.1M	5.310435G	5.329535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5500MHz

17/02/2020

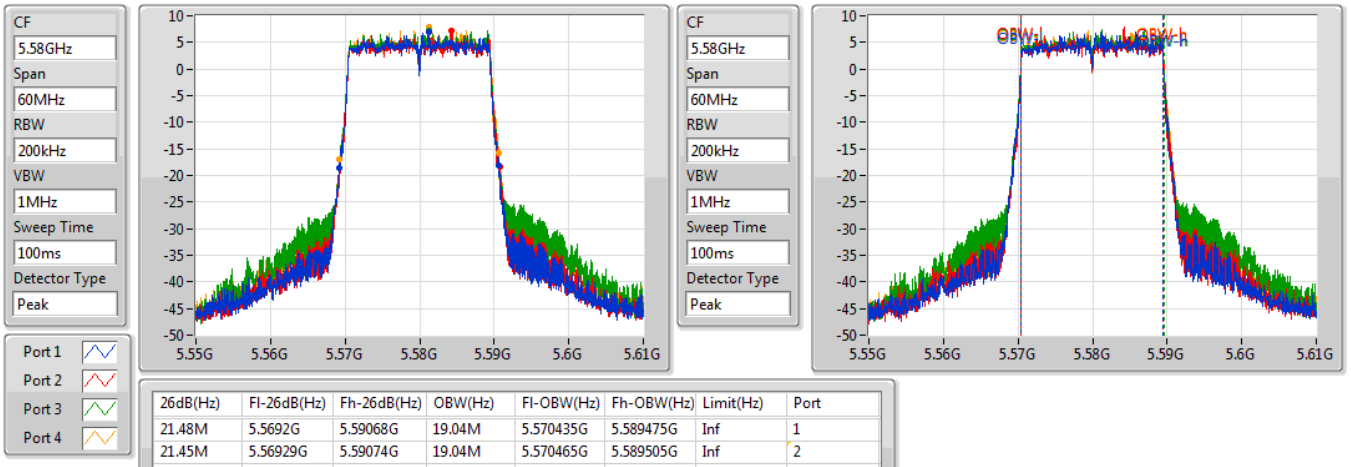


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.51M	5.4892G	5.51071G	19.01M	5.490435G	5.509445G	Inf	1
21.45M	5.48926G	5.51071G	19.07M	5.490435G	5.509505G	Inf	2
21.54M	5.48917G	5.51071G	19.07M	5.490435G	5.509505G	Inf	3
21.51M	5.48923G	5.51074G	19.1M	5.490435G	5.509535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5580MHz

17/02/2020

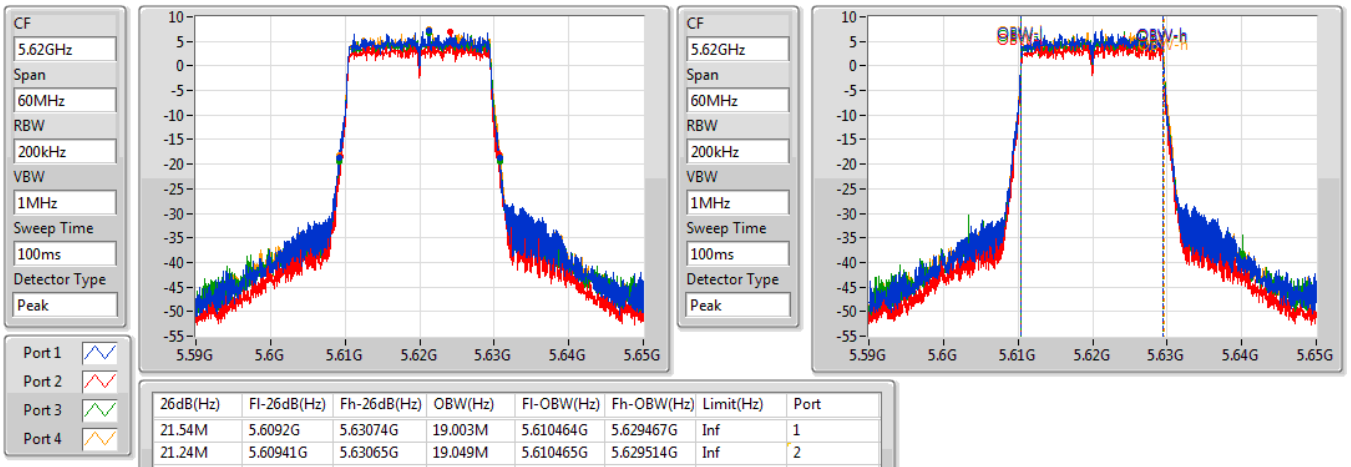


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.5692G	5.59068G	19.04M	5.570435G	5.589475G	Inf	1
21.45M	5.56929G	5.59074G	19.04M	5.570465G	5.589505G	Inf	2
21.6M	5.56917G	5.59077G	19.1M	5.570435G	5.589535G	Inf	3
21.33M	5.56929G	5.59062G	19.07M	5.570435G	5.589505G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5620MHz

27/02/2020

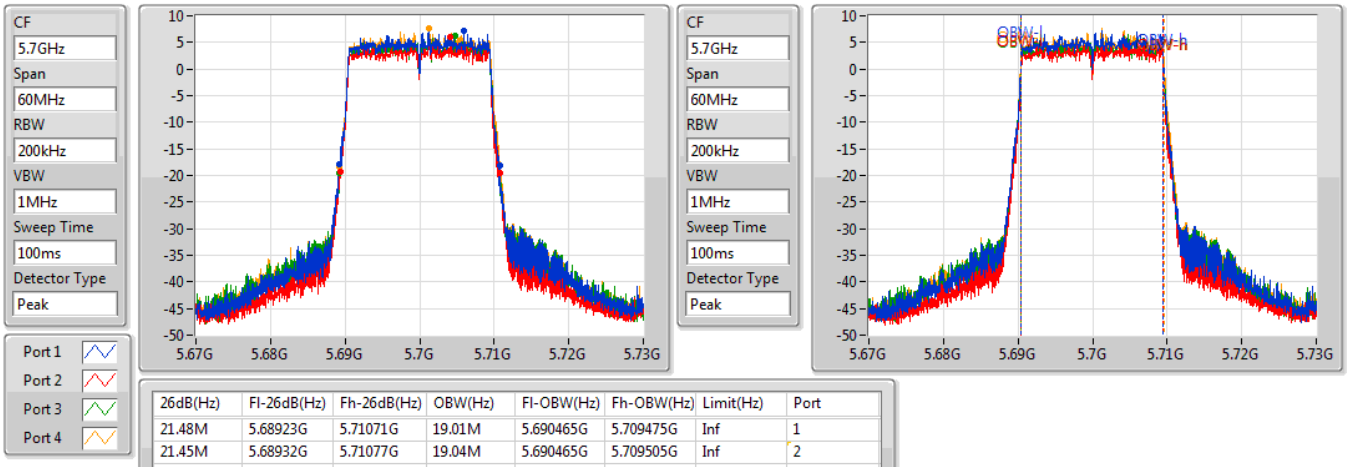


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.54M	5.6092G	5.63074G	19.003M	5.610464G	5.629467G	Inf	1
21.24M	5.60941G	5.63065G	19.049M	5.610465G	5.629514G	Inf	2
21.57M	5.6092G	5.63077G	19.071M	5.610454G	5.629525G	Inf	3
21.54M	5.60929G	5.63083G	19.089M	5.610455G	5.629544G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5700MHz

17/02/2020

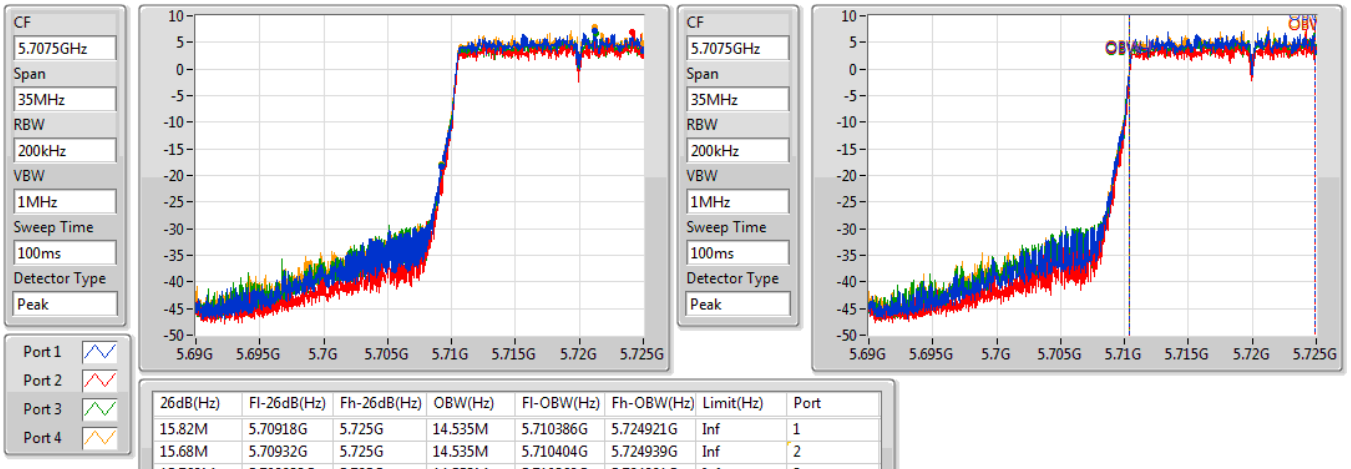


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.48M	5.68923G	5.71071G	19.01M	5.690465G	5.709475G	Inf	1
21.45M	5.68932G	5.71077G	19.04M	5.690465G	5.709505G	Inf	2
21.57M	5.68917G	5.71074G	19.07M	5.690435G	5.709505G	Inf	3
21.57M	5.68923G	5.7108G	19.1M	5.690435G	5.709535G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.47-5.725GHz

17/02/2020

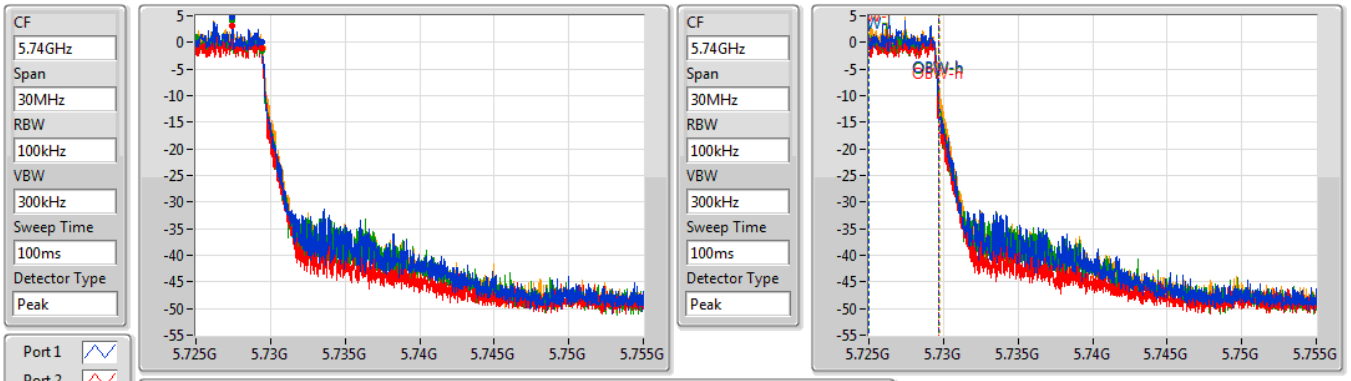


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.82M	5.70918G	5.725G	14.535M	5.710386G	5.724921G	Inf	1
15.68M	5.70932G	5.725G	14.535M	5.710404G	5.724939G	Inf	2
15.768M	5.709233G	5.725G	14.553M	5.710369G	5.724921G	Inf	3
15.75M	5.70925G	5.725G	14.535M	5.710386G	5.724921G	Inf	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5720MHz Straddle 5.725-5.85GHz

17/02/2020

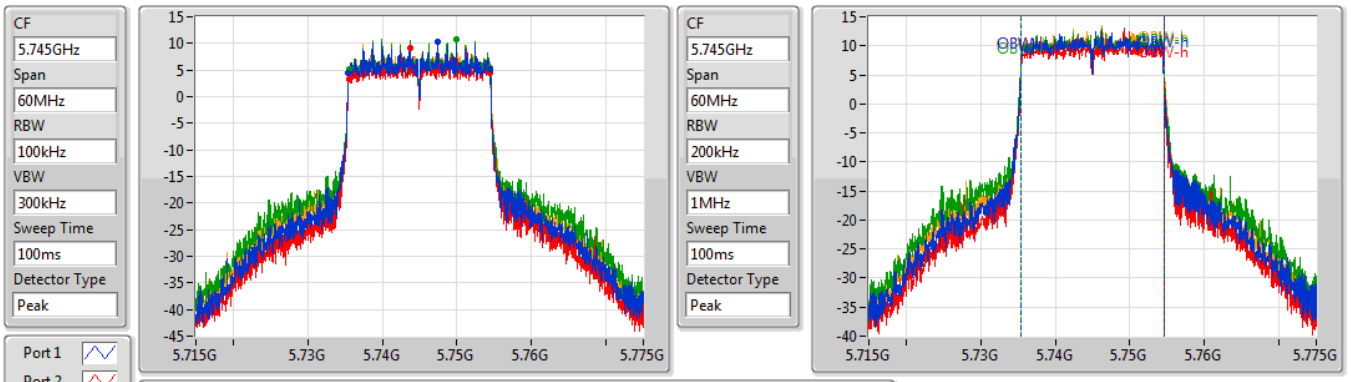


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
4.41M	5.725G	5.72941G	4.618M	5.725022G	5.72964G	500k	1
4.425M	5.725G	5.729425G	4.663M	5.725022G	5.729685G	500k	2
4.425M	5.725G	5.729425G	4.663M	5.725022G	5.729685G	500k	3
4.515M	5.725G	5.729515G	4.738M	5.725022G	5.72976G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

17/02/2020

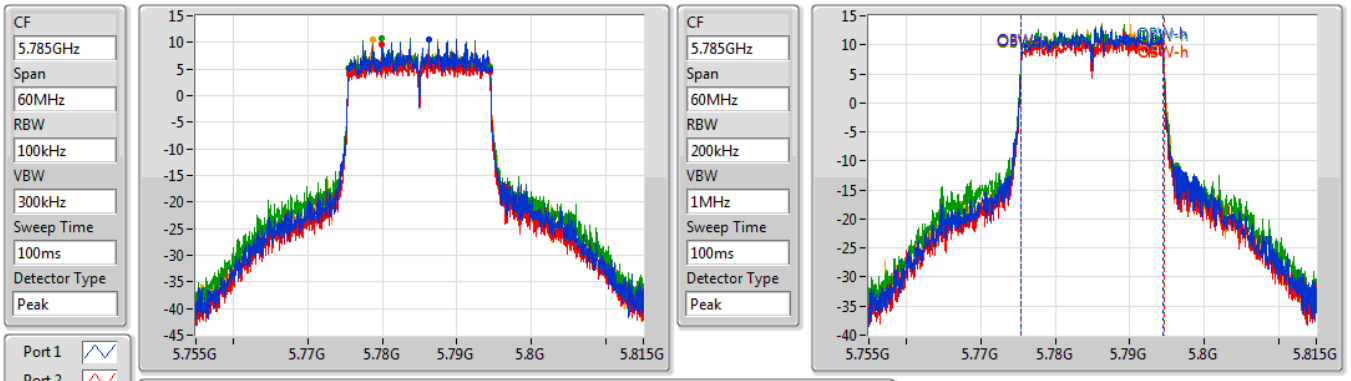


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.73546G	5.75442G	19.13M	5.735405G	5.754535G	500k	1
18.93M	5.73552G	5.75445G	19.13M	5.735435G	5.754565G	500k	2
18.9M	5.73552G	5.75442G	19.25M	5.735345G	5.754595G	500k	3
18.87M	5.73555G	5.75442G	19.19M	5.735405G	5.754595G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

17/02/2020

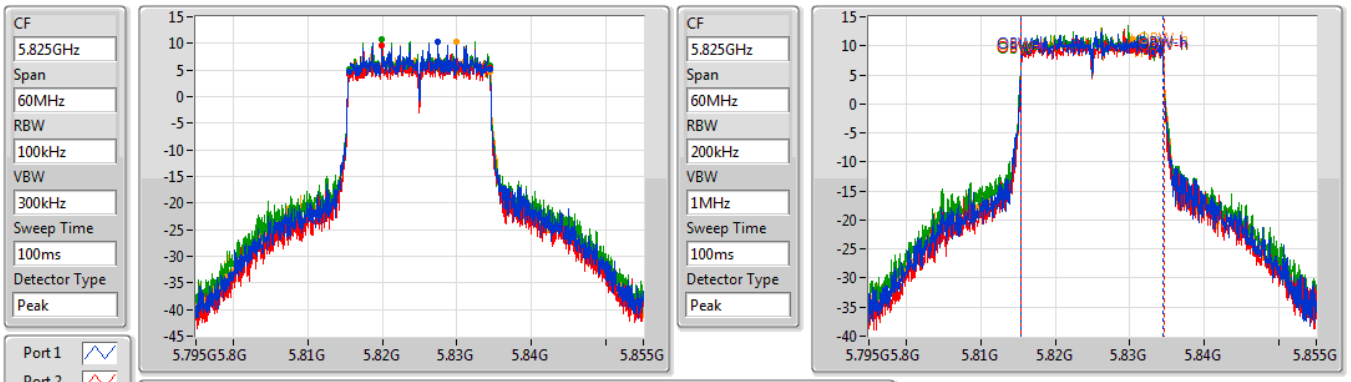


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.77549G	5.79442G	19.1M	5.775405G	5.794505G	500k	1
18.87M	5.77555G	5.79442G	19.1M	5.775435G	5.794535G	500k	2
18.93M	5.77549G	5.79442G	19.22M	5.775345G	5.794565G	500k	3
18.99M	5.77546G	5.79445G	19.16M	5.775405G	5.794565G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

17/02/2020

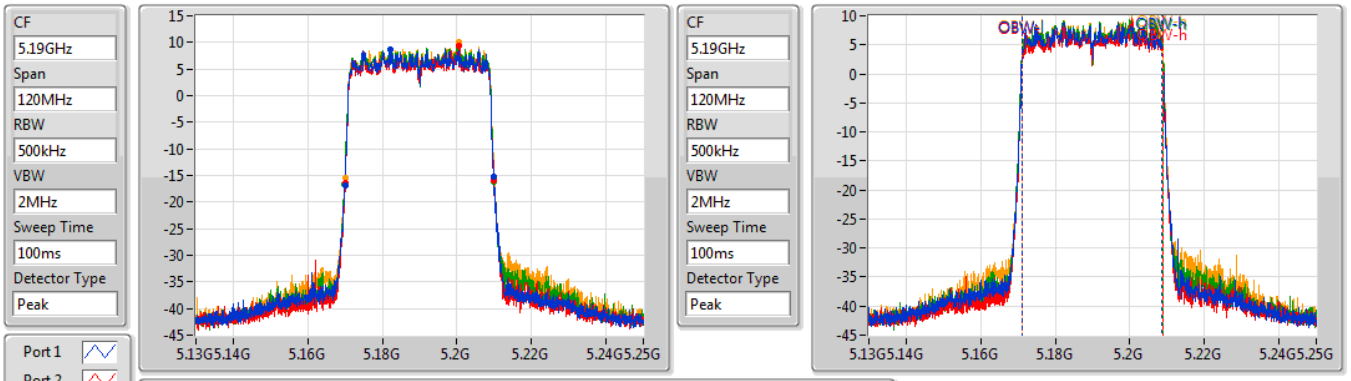


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.81549G	5.83445G	19.13M	5.815375G	5.834505G	500k	1
18.93M	5.81549G	5.83442G	19.13M	5.815405G	5.834535G	500k	2
18.9M	5.81549G	5.83439G	19.19M	5.815345G	5.834535G	500k	3
18.93M	5.81549G	5.83442G	19.19M	5.815405G	5.834595G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5190MHz

17/02/2020

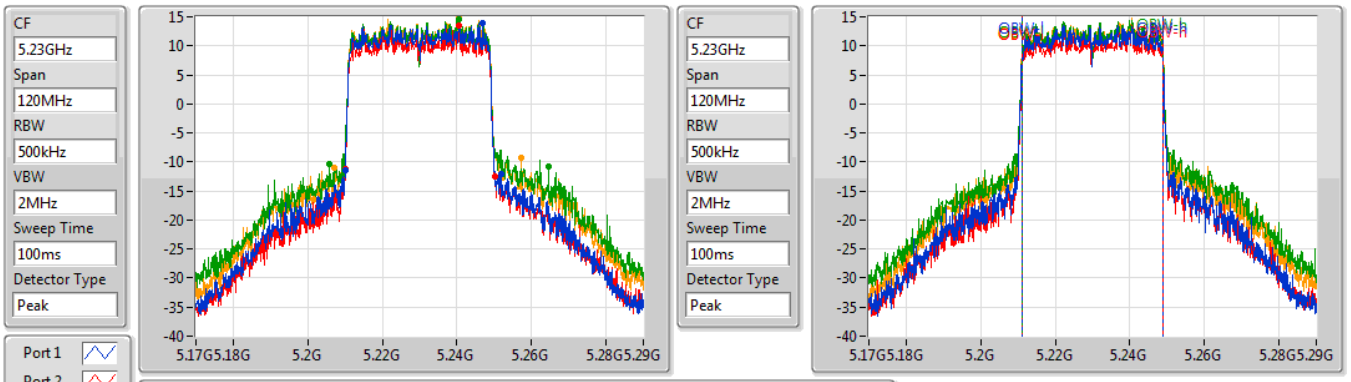


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.16996G	5.20998G	37.481M	5.171229G	5.208711G	Inf	1
39.9M	5.17008G	5.20998G	37.541M	5.171229G	5.208771G	Inf	2
40.14M	5.16984G	5.20998G	37.541M	5.171229G	5.208771G	Inf	3
40.08M	5.16996G	5.21004G	37.541M	5.171229G	5.208771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5230MHz

17/02/2020

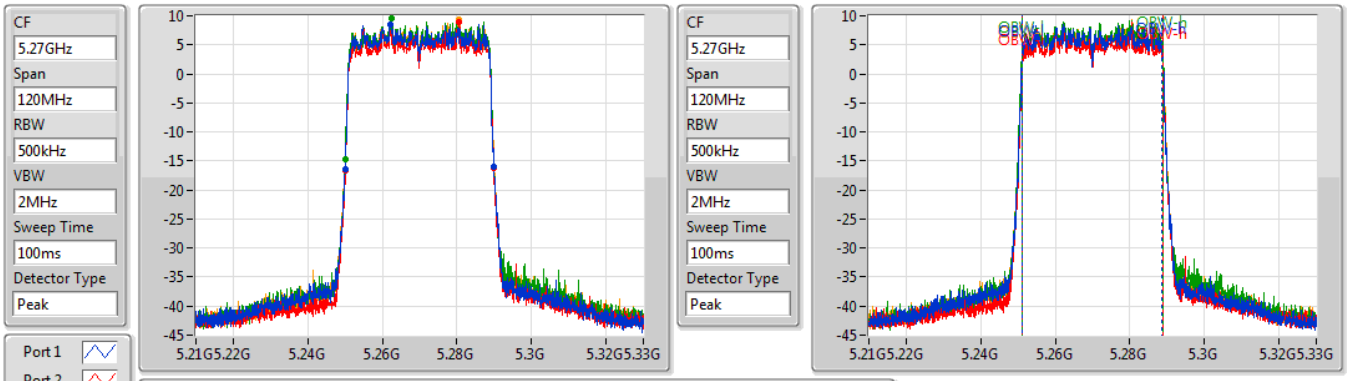


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.88M	5.21002G	5.2519G	37.661M	5.211169G	5.248831G	Inf	1
40.08M	5.21002G	5.2501G	37.661M	5.211169G	5.248831G	Inf	2
58.8M	5.20588G	5.26468G	37.781M	5.211109G	5.248891G	Inf	3
49.98M	5.20726G	5.25724G	37.781M	5.211109G	5.248891G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5270MHz

17/02/2020

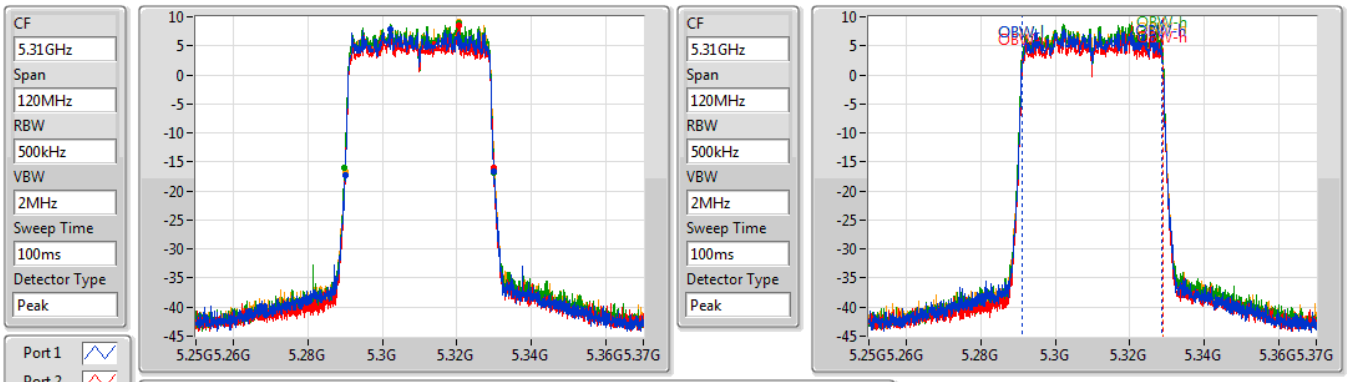


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.24996G	5.28998G	37.481M	5.251229G	5.288711G	Inf	1
39.84M	5.25008G	5.28992G	37.541M	5.251229G	5.288771G	Inf	2
39.96M	5.24996G	5.28992G	37.601M	5.251169G	5.288771G	Inf	3
39.96M	5.25002G	5.28998G	37.541M	5.251229G	5.288771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5310MHz

17/02/2020

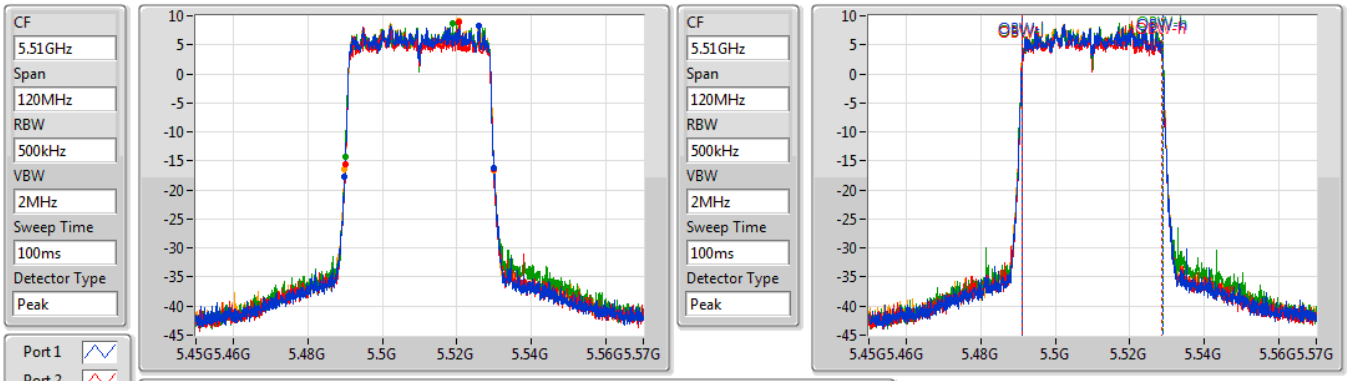


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.28996G	5.32998G	37.541M	5.291169G	5.328711G	Inf	1
39.78M	5.29008G	5.32986G	37.541M	5.291229G	5.328771G	Inf	2
40.08M	5.2899G	5.32998G	37.601M	5.291169G	5.328771G	Inf	3
40.08M	5.28996G	5.33004G	37.541M	5.291229G	5.328771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5510MHz

17/02/2020

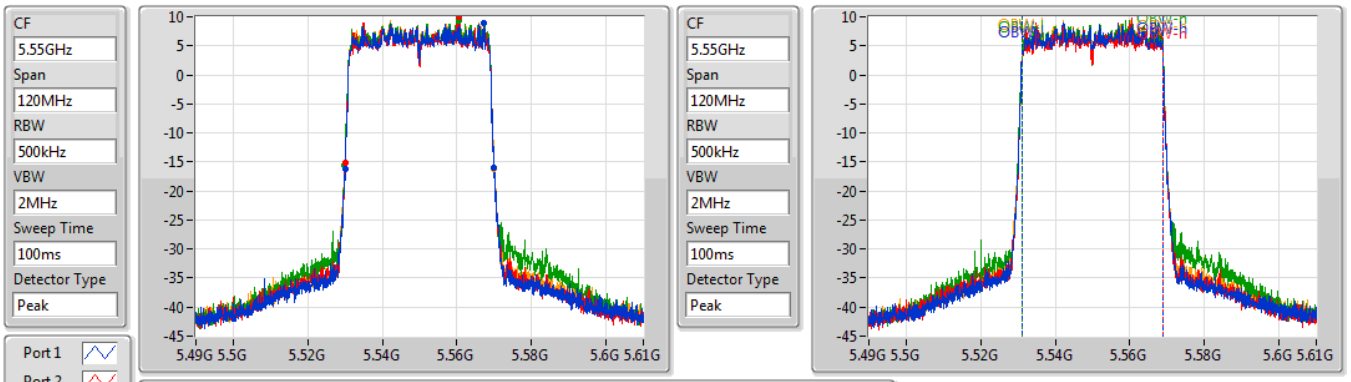


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.14M	5.4899G	5.53004G	37.601M	5.491169G	5.528771G	Inf	1
39.84M	5.49008G	5.52992G	37.541M	5.491169G	5.528711G	Inf	2
39.96M	5.49002G	5.52998G	37.601M	5.491169G	5.528771G	Inf	3
40.14M	5.4899G	5.53004G	37.601M	5.491169G	5.528771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5550MHz

17/02/2020

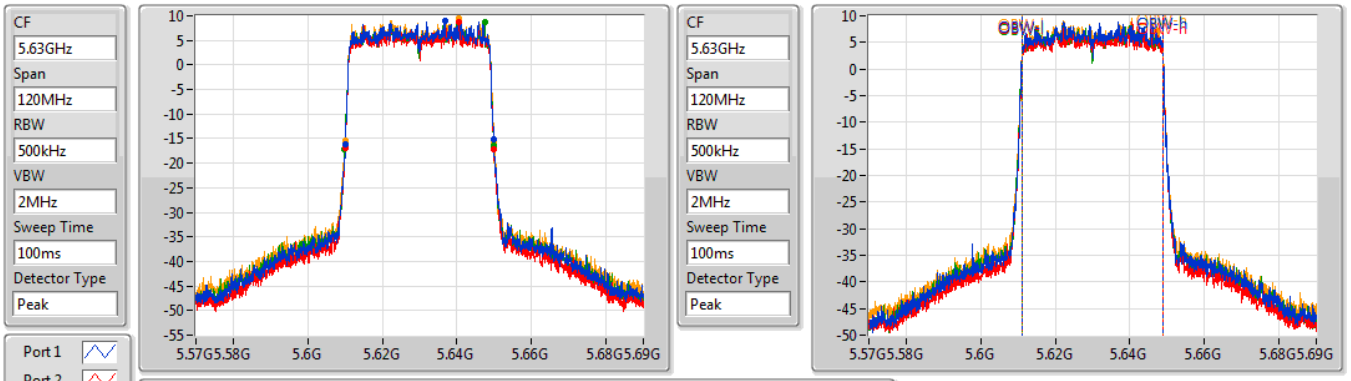


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.53002G	5.57004G	37.601M	5.531169G	5.568771G	Inf	1
39.84M	5.53008G	5.56992G	37.601M	5.531169G	5.568771G	Inf	2
40.14M	5.5299G	5.57004G	37.541M	5.531229G	5.568771G	Inf	3
40.08M	5.52996G	5.57004G	37.541M	5.531229G	5.568771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5630MHz

27/02/2020

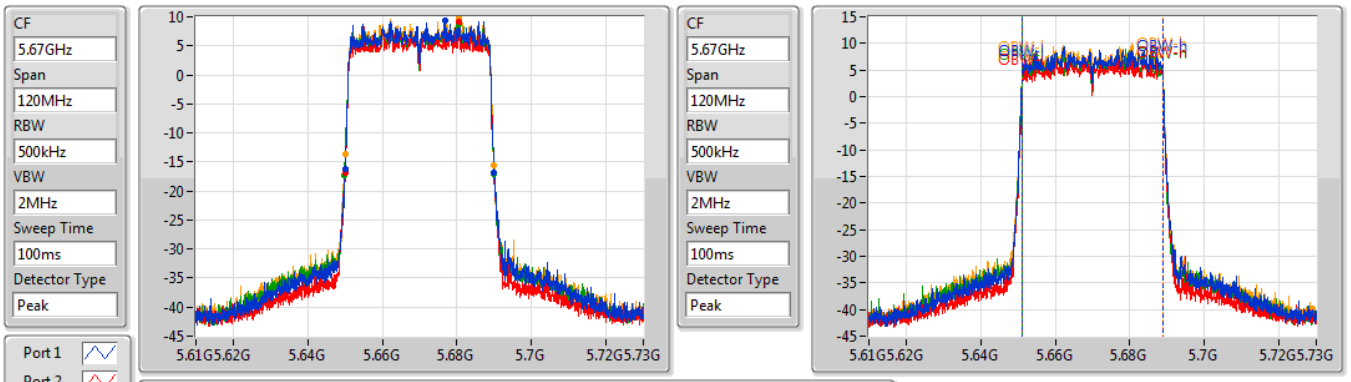


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.61008G	5.64986G	37.542M	5.611217G	5.648758G	Inf	1
39.84M	5.61008G	5.64992G	37.583M	5.611171G	5.648753G	Inf	2
39.96M	5.6099G	5.64986G	37.59M	5.611155G	5.648745G	Inf	3
40.02M	5.60996G	5.64998G	37.591M	5.611186G	5.648776G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5670MHz

17/02/2020

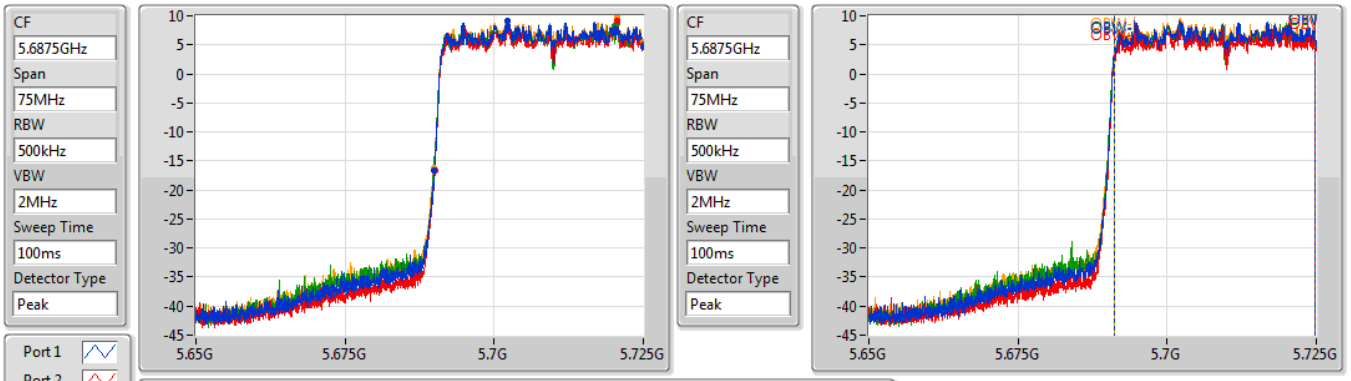


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.65002G	5.68998G	37.541M	5.651229G	5.688771G	Inf	1
39.9M	5.65002G	5.68992G	37.601M	5.651229G	5.688831G	Inf	2
40.14M	5.64984G	5.68998G	37.661M	5.651109G	5.688771G	Inf	3
40.02M	5.65002G	5.69004G	37.541M	5.651229G	5.688771G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.47-5.725GHz

17/02/2020

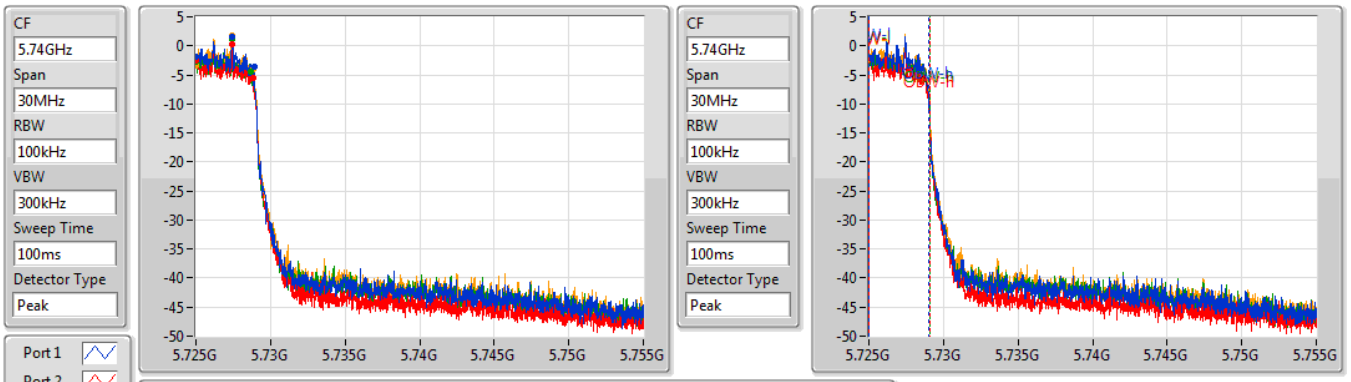


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.025M	5.689975G	5.725G	33.583M	5.691173G	5.724756G	Inf	1
34.95M	5.69005G	5.725G	33.583M	5.691173G	5.724756G	Inf	2
35.138M	5.689863G	5.725G	33.658M	5.691098G	5.724756G	Inf	3
35.138M	5.689863G	5.725G	33.621M	5.691136G	5.724756G	Inf	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5710MHz Straddle 5.725-5.85GHz

17/02/2020

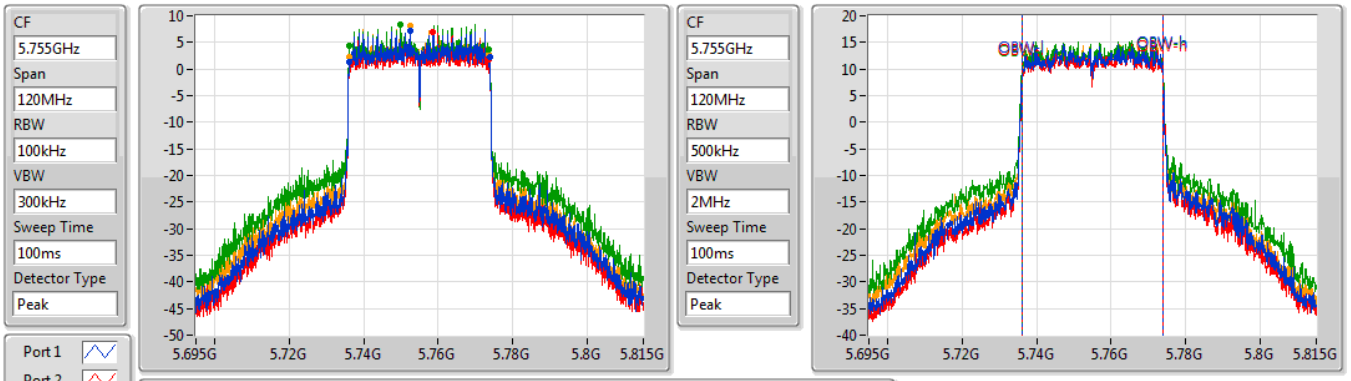


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.9M	5.725G	5.7289G	4.018M	5.725022G	5.72904G	500k	1
3.81M	5.725G	5.72881G	4.033M	5.725022G	5.729055G	500k	2
3.69M	5.725G	5.72869G	4.033M	5.725022G	5.729055G	500k	3
3.81M	5.725G	5.72881G	4.048M	5.725022G	5.72907G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

17/02/2020

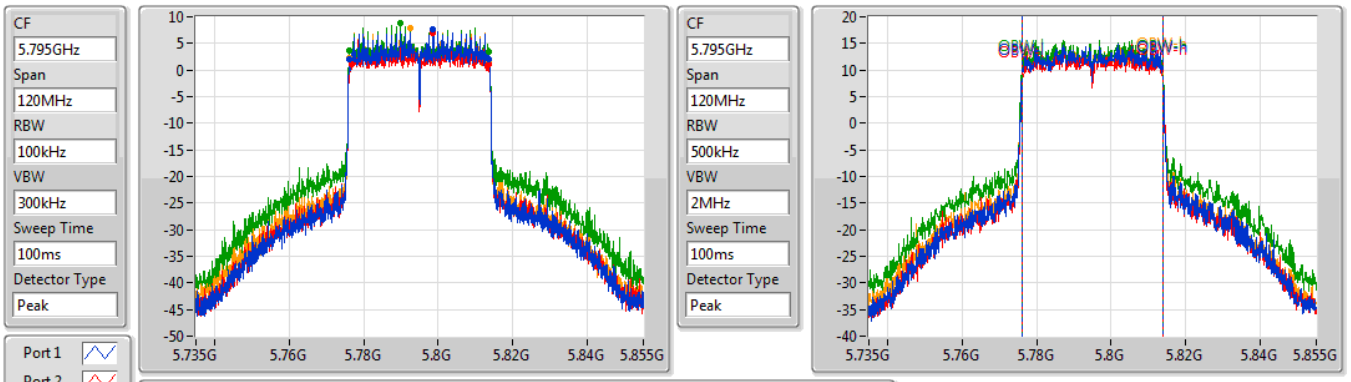


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.62M	5.7361G	5.77372G	37.721M	5.736109G	5.773831G	500k	1
36.72M	5.7367G	5.77342G	37.661M	5.736169G	5.773831G	500k	2
37.44M	5.73622G	5.77366G	37.901M	5.73599G	5.773891G	500k	3
37.32M	5.73616G	5.77348G	37.721M	5.736109G	5.773831G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

17/02/2020

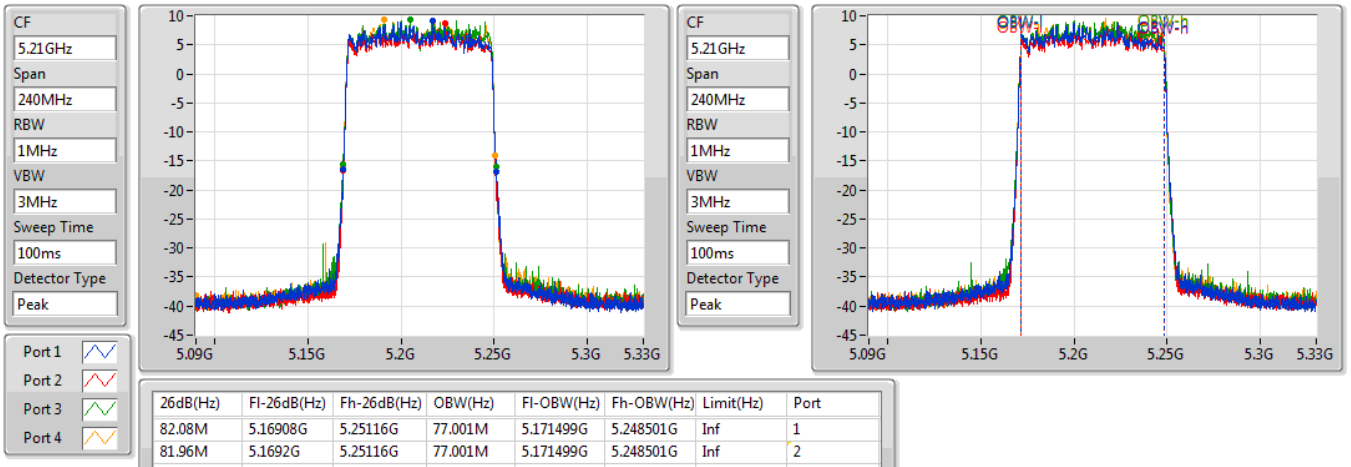


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.7761G	5.81366G	37.721M	5.776109G	5.813831G	500k	1
36.78M	5.7767G	5.81348G	37.721M	5.776109G	5.813831G	500k	2
37.5M	5.77616G	5.81366G	37.901M	5.77599G	5.813891G	500k	3
37.32M	5.77616G	5.81348G	37.661M	5.776109G	5.813771G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5210MHz

17/02/2020

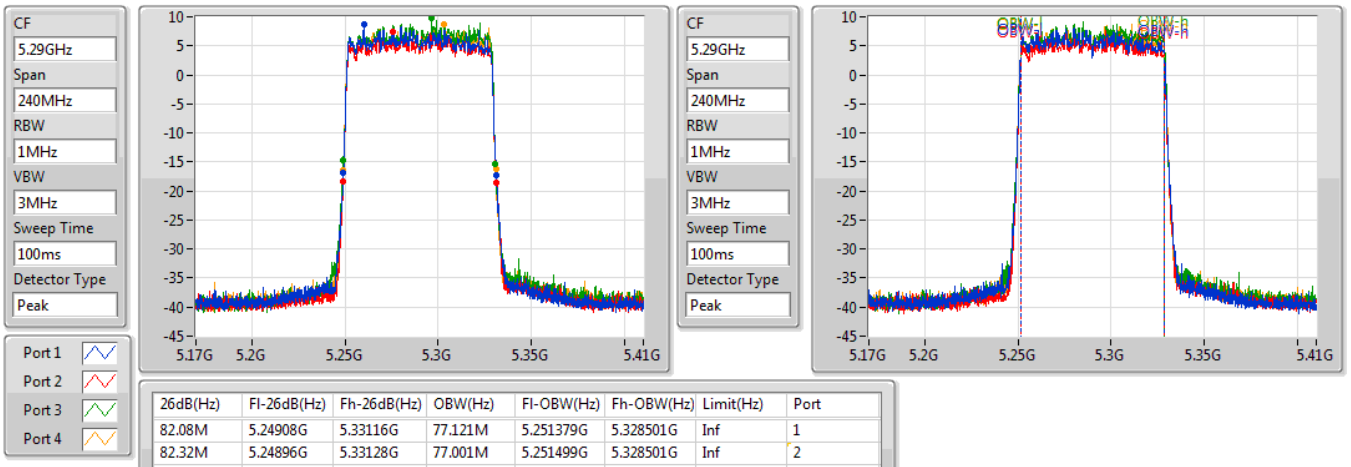


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.16908G	5.25116G	77.001M	5.171499G	5.248501G	Inf	1
81.96M	5.1692G	5.25116G	77.001M	5.171499G	5.248501G	Inf	2
81.84M	5.16896G	5.2508G	77.001M	5.171499G	5.248501G	Inf	3
81.6M	5.16908G	5.25068G	77.001M	5.171499G	5.248501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5290MHz

17/02/2020

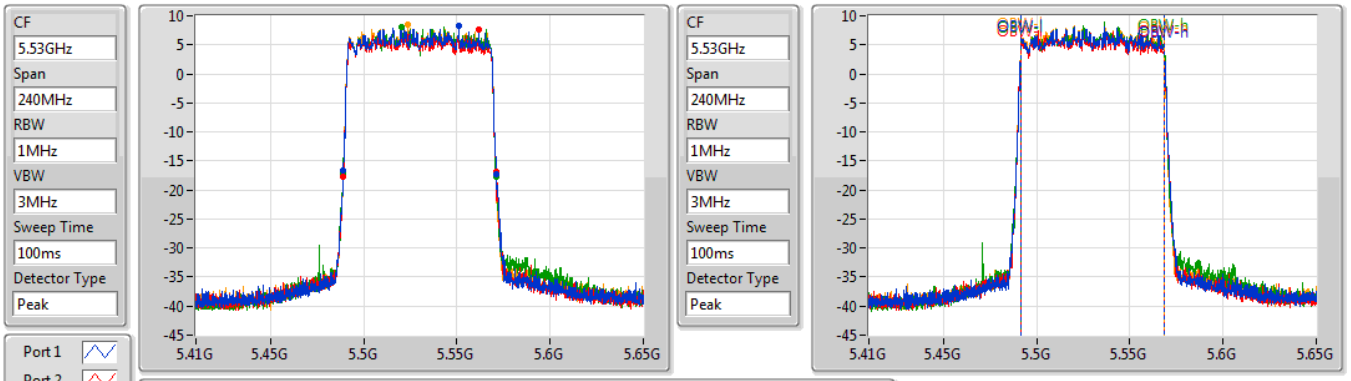


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.08M	5.24908G	5.33116G	77.121M	5.251379G	5.328501G	Inf	1
82.32M	5.24896G	5.33128G	77.001M	5.251499G	5.328501G	Inf	2
81.6M	5.24908G	5.33068G	77.121M	5.251499G	5.328621G	Inf	3
81.84M	5.24908G	5.33092G	77.121M	5.251499G	5.328621G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5530MHz

17/02/2020

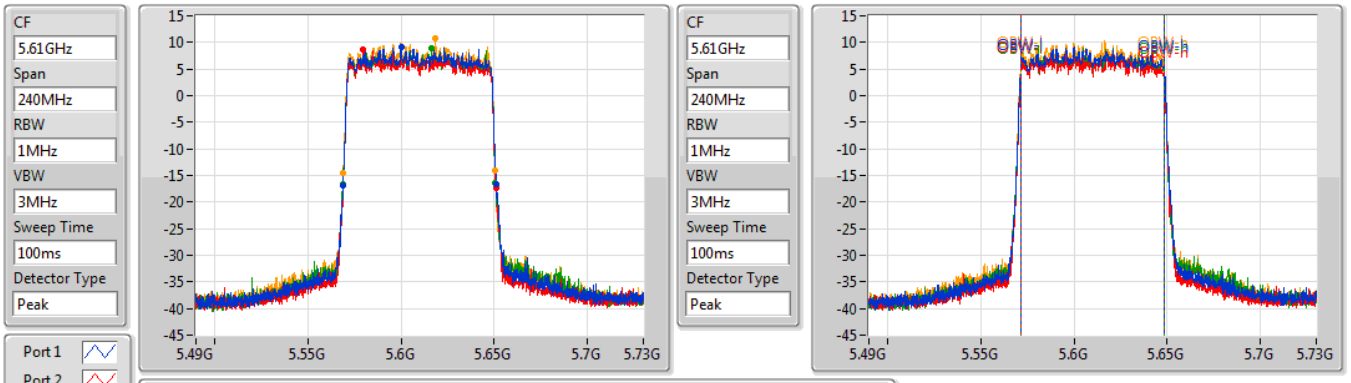


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.48908G	5.57128G	77.121M	5.491499G	5.568621G	Inf	1
82.08M	5.48908G	5.57116G	77.121M	5.491379G	5.568501G	Inf	2
82.08M	5.48884G	5.57092G	77.121M	5.491499G	5.568621G	Inf	3
81.96M	5.48908G	5.57104G	77.001M	5.491499G	5.568501G	Inf	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5610MHz

17/02/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.32M	5.56896G	5.65128G	77.121M	5.571499G	5.648621G	Inf	1
82.32M	5.56896G	5.65128G	77.001M	5.571499G	5.648501G	Inf	2
81.84M	5.56884G	5.65068G	77.001M	5.571499G	5.648501G	Inf	3
81.6M	5.56908G	5.65068G	77.121M	5.571379G	5.648501G	Inf	4

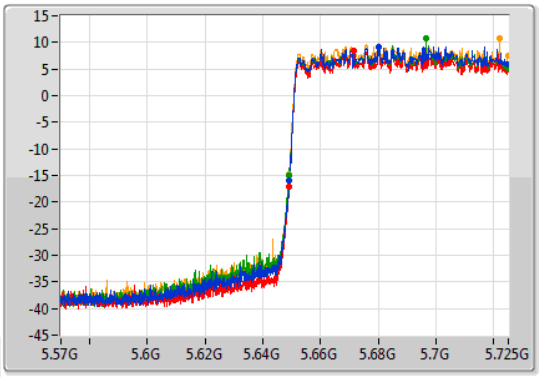
802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.47-5.725GHz

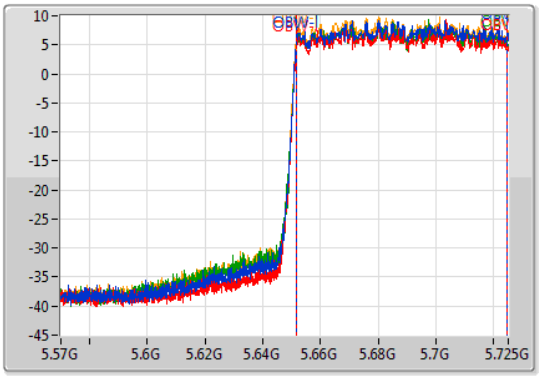
17/02/2020

CF 5.6475GHz
Span 155MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Peak

Port 1
Port 2
Port 3
Port 4



CF 5.6475GHz
Span 155MHz
RBW 1MHz
VBW 3MHz
Sweep Time 100ms
Detector Type Peak



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.873M	5.649128G	5.725G	73.123M	5.651451G	5.724574G	Inf	1
76.028M	5.648973G	5.725G	73.046M	5.651451G	5.724497G	Inf	2
75.95M	5.64905G	5.725G	73.046M	5.651451G	5.724497G	Inf	3
75.873M	5.649128G	5.725G	73.201M	5.651451G	5.724651G	Inf	4

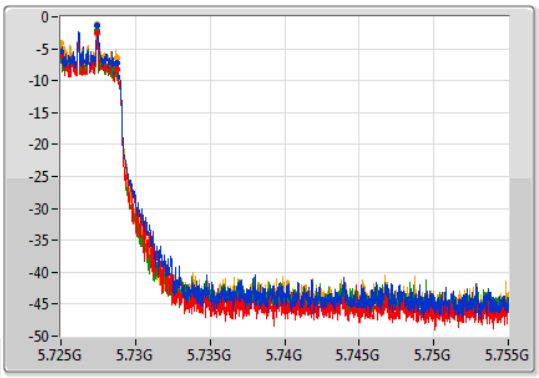
802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5690MHz Straddle 5.725-5.85GHz

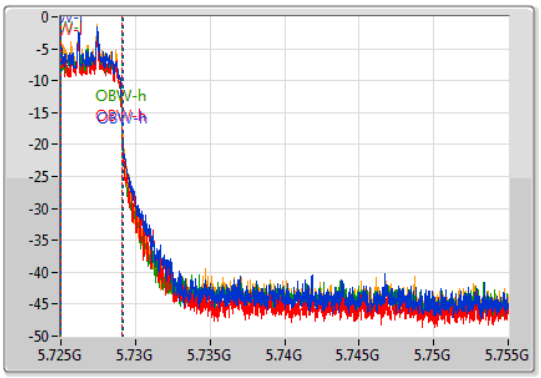
17/02/2020

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

Port 1
Port 2
Port 3
Port 4



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

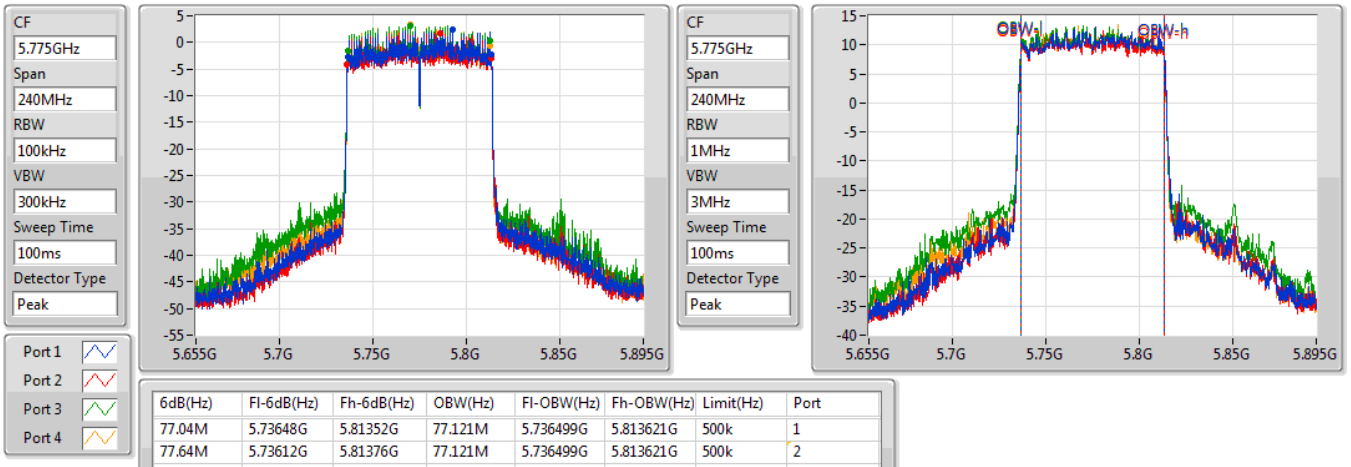


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
3.72M	5.725G	5.72872G	4.153M	5.725022G	5.729175G	500k	1
3.765M	5.725G	5.728765G	4.123M	5.725007G	5.72913G	500k	2
3.705M	5.725G	5.728705G	4.078M	5.725022G	5.7291G	500k	3
3.735M	5.725G	5.728735G	4.093M	5.725007G	5.7291G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

17/02/2020

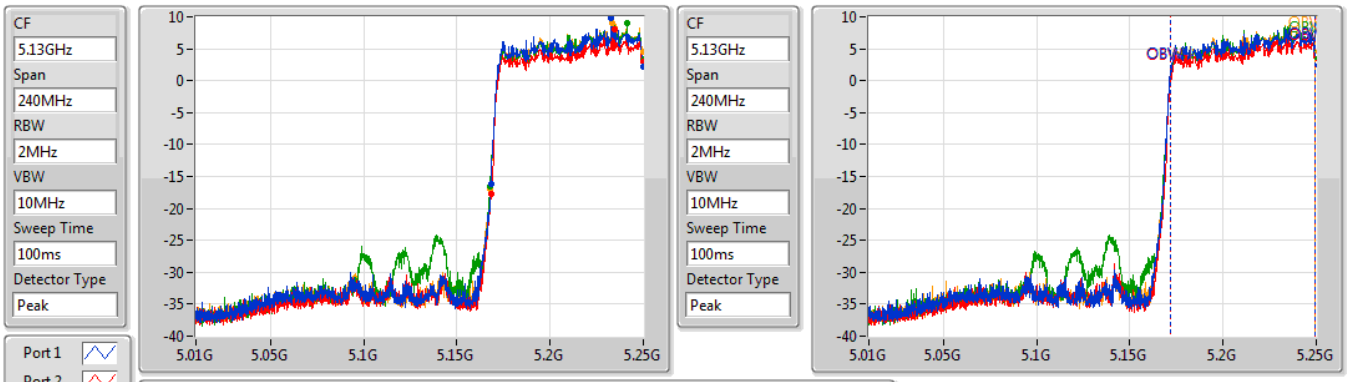


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.04M	5.73648G	5.81352G	77.121M	5.736499G	5.813621G	500k	1
77.64M	5.73612G	5.81376G	77.121M	5.736499G	5.813621G	500k	2
75.96M	5.7366G	5.81256G	77.121M	5.736379G	5.813501G	500k	3
76.08M	5.73648G	5.81256G	77.121M	5.736379G	5.813501G	500k	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.15-5.25GHz

17/02/2020

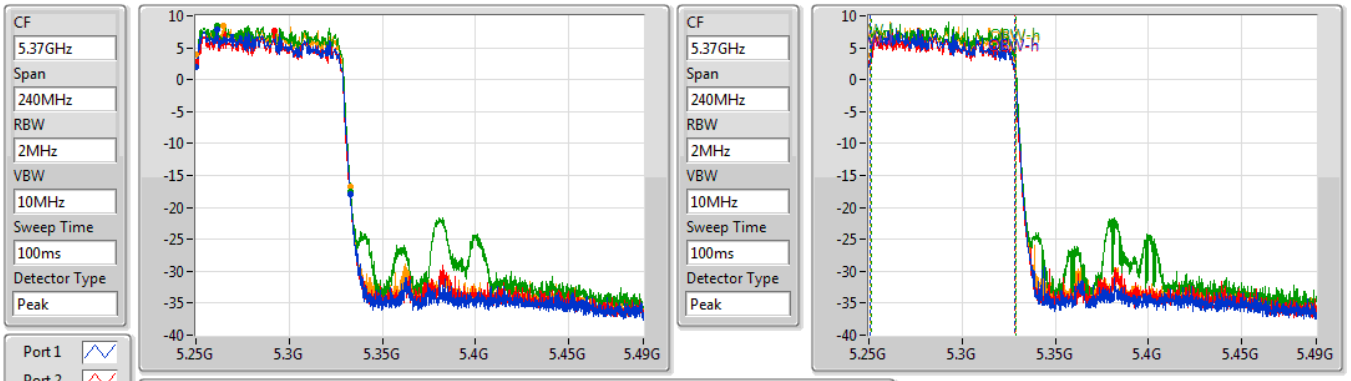


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.84M	5.16816G	5.25G	77.601M	5.171619G	5.24922G	Inf	1
81.6M	5.1684G	5.25G	77.721M	5.171739G	5.24946G	Inf	2
82.32M	5.16768G	5.25G	77.841M	5.171619G	5.24946G	Inf	3
82.08M	5.16792G	5.25G	77.721M	5.171739G	5.24946G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5250MHz Straddle 5.25-5.35GHz

17/02/2020

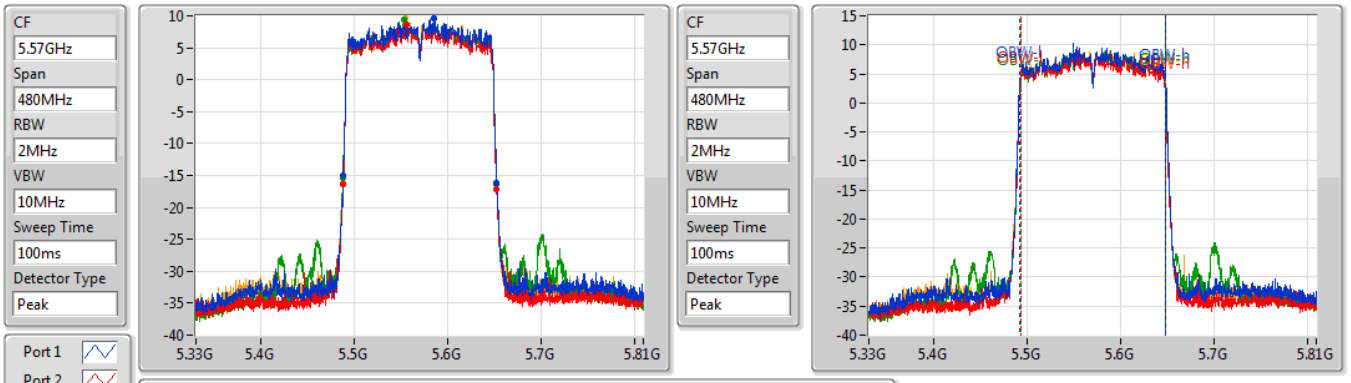


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.68M	5.25G	5.33268G	77.721M	5.25078G	5.328501G	Inf	1
82.68M	5.25G	5.33268G	77.841M	5.25066G	5.328501G	Inf	2
82.92M	5.25G	5.33292G	77.721M	5.251019G	5.328741G	Inf	3
82.68M	5.25G	5.33268G	77.841M	5.25078G	5.328621G	Inf	4

802.11ax HEW160-BF_Nss1,(MCS0)_4TX EBW

5570MHz

17/02/2020



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
164.88M	5.48792G	5.6528G	155.682M	5.492279G	5.647961G	Inf	1
164.64M	5.48792G	5.65256G	155.202M	5.492519G	5.647721G	Inf	2
164.88M	5.48768G	5.65256G	154.963M	5.492759G	5.647721G	Inf	3
164.4M	5.48792G	5.65232G	155.202M	5.492519G	5.647721G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	28.37	0.68707
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.51	0.70958
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.21	0.52602
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.97	0.15740
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.00	0.06310
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.93	0.15596
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.98	0.15776
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.93	0.15596
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.66	0.14655
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.52	0.07112
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.46	0.17620
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.47	0.17660
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.40	0.17378
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.33	0.17100
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	21.97	0.15740
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.99	0.99770
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	28.07	0.64121
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	28.25	0.66834
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	26.11	0.40832

Result

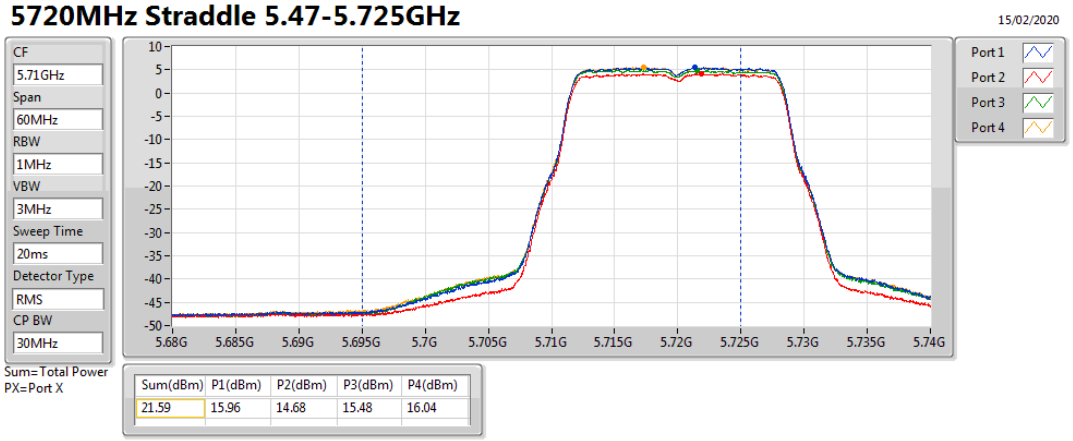
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.34	19.16	18.33	19.75	20.15	25.42	30.00
5200MHz	Pass	1.34	21.98	21.43	22.60	23.18	28.37	30.00
5240MHz	Pass	1.34	22.16	21.29	22.79	22.95	28.37	30.00
5260MHz	Pass	1.90	15.67	14.84	16.59	15.91	21.82	23.98
5300MHz	Pass	1.90	15.37	15.06	16.34	16.09	21.77	23.98
5320MHz	Pass	1.90	15.58	15.09	16.69	16.10	21.93	23.98
5500MHz	Pass	1.47	16.26	15.70	16.61	16.72	22.36	23.98
5580MHz	Pass	1.47	16.25	15.93	16.86	16.66	22.46	23.98
5620MHz	Pass	1.47	16.96	15.25	16.23	16.82	22.39	23.98
5700MHz	Pass	1.47	16.80	15.34	16.23	16.76	22.34	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	1.47	15.96	14.68	15.48	16.04	21.59	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	1.71	10.04	8.60	9.29	10.08	15.56	30.00
5745MHz	Pass	1.71	24.01	23.10	24.43	24.14	29.97	30.00
5785MHz	Pass	1.71	23.81	22.86	24.31	24.01	29.80	30.00
5825MHz	Pass	1.71	23.81	23.22	24.58	24.17	29.99	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.36	18.19	17.31	18.62	18.62	24.24	28.64
5200MHz	Pass	7.36	22.42	21.66	22.92	22.83	28.51	28.64
5240MHz	Pass	7.36	22.19	21.21	22.81	23.05	28.39	28.64
5260MHz	Pass	7.92	15.69	15.02	16.51	16.22	21.92	22.06
5300MHz	Pass	7.92	15.46	15.05	16.69	16.12	21.90	22.06
5320MHz	Pass	7.92	15.61	15.01	16.62	16.40	21.98	22.06
5500MHz	Pass	7.49	16.31	15.55	16.45	16.59	22.26	22.49
5580MHz	Pass	7.49	16.02	15.91	16.67	16.59	22.33	22.49
5620MHz	Pass	7.49	16.99	15.47	16.27	16.91	22.47	22.49
5700MHz	Pass	7.49	16.38	15.04	15.56	16.34	21.89	22.49
5720MHz Straddle 5.47-5.725GHz	Pass	7.49	15.78	14.54	15.23	15.86	21.40	21.46
5720MHz Straddle 5.725-5.85GHz	Pass	7.73	10.82	9.34	10.09	10.82	16.33	28.27
5745MHz	Pass	7.73	21.98	21.26	22.36	22.37	28.04	28.27
5785MHz	Pass	7.73	22.13	21.24	22.42	22.32	28.07	28.27
5825MHz	Pass	7.73	22.10	21.31	22.39	22.19	28.04	28.27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.36	16.27	15.74	16.75	16.75	22.42	28.64
5230MHz	Pass	7.36	21.02	20.05	21.82	21.64	27.21	28.64
5270MHz	Pass	7.92	15.80	15.00	16.55	16.13	21.93	22.06
5310MHz	Pass	7.92	15.29	14.45	16.01	15.98	21.50	22.06
5510MHz	Pass	7.49	15.78	15.08	15.96	15.78	21.68	22.49
5550MHz	Pass	7.49	16.13	16.21	16.61	16.56	22.40	22.49
5630MHz	Pass	7.49	16.40	15.48	16.24	16.93	22.31	22.49
5670MHz	Pass	7.49	16.52	15.47	16.02	16.92	22.29	22.49
5710MHz Straddle 5.47-5.725GHz	Pass	7.49	16.50	15.43	16.04	16.99	22.30	22.49
5710MHz Straddle 5.725-5.85GHz	Pass	7.73	7.02	5.84	6.34	7.24	12.67	28.27
5755MHz	Pass	7.73	22.19	21.45	22.76	22.43	28.25	28.27

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5795MHz	Pass	7.73	22.06	21.44	22.82	22.19	28.18	28.27
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.36	15.70	15.17	16.38	16.42	21.97	28.64
5290MHz	Pass	7.92	15.55	14.74	16.33	15.77	21.66	22.06
5530MHz	Pass	7.49	15.30	14.84	15.46	15.53	21.31	22.49
5610MHz	Pass	7.49	16.43	15.44	15.95	17.06	22.28	22.49
5690MHz Straddle 5.47-5.725GHz	Pass	7.49	16.51	15.49	16.10	17.00	22.33	22.49
5690MHz Straddle 5.725-5.85GHz	Pass	7.73	3.35	2.08	2.48	3.49	8.91	28.27
5775MHz	Pass	7.73	20.02	19.55	20.41	20.32	26.11	28.27
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.36	12.20	11.16	12.22	12.23	18.00	28.64
5250MHz Straddle 5.25-5.35GHz	Pass	7.92	12.01	11.63	13.29	12.85	18.52	22.06
5570MHz	Pass	7.49	16.37	15.37	15.90	16.11	21.97	22.49

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

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

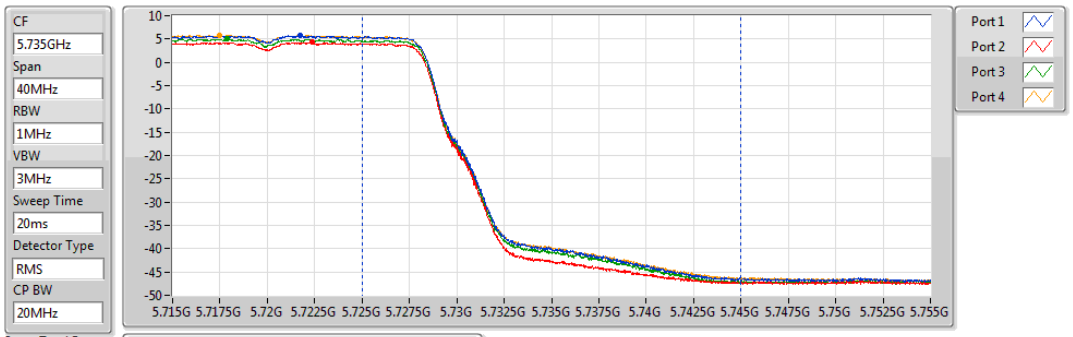
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.59	15.96	14.68	15.48	16.04

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

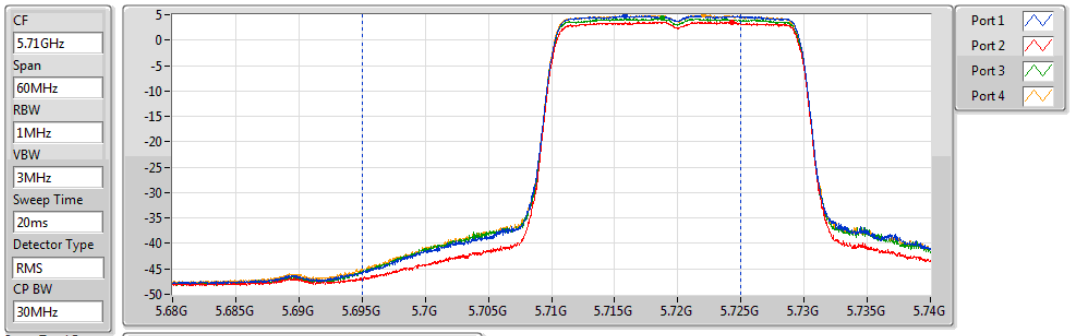
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.56	10.04	8.60	9.29	10.08

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

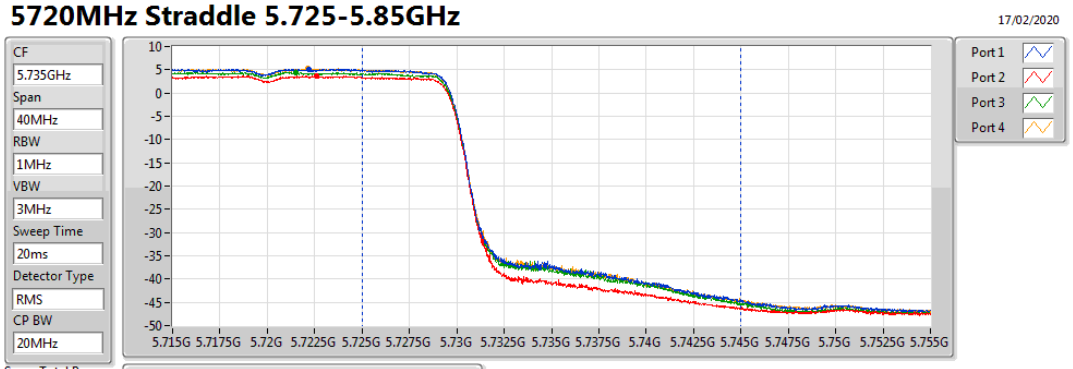
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.40	15.78	14.54	15.23	15.86

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

5720MHz Straddle 5.725-5.85GHz

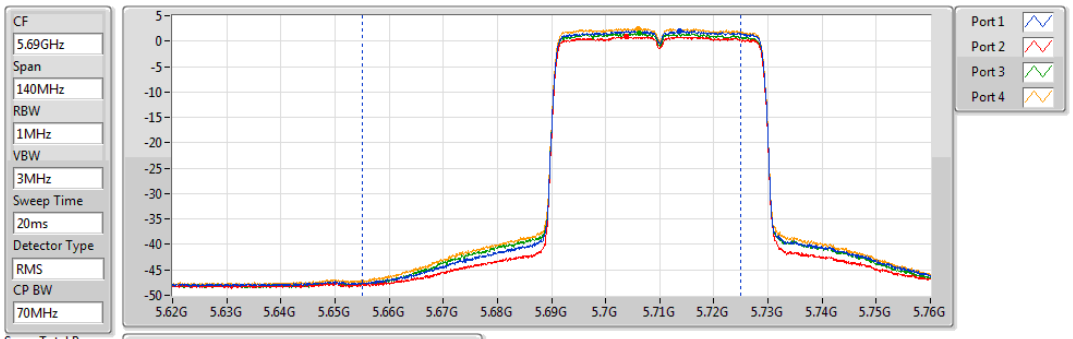


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.33	10.82	9.34	10.09	10.82

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

5710MHz Straddle 5.47-5.725GHz

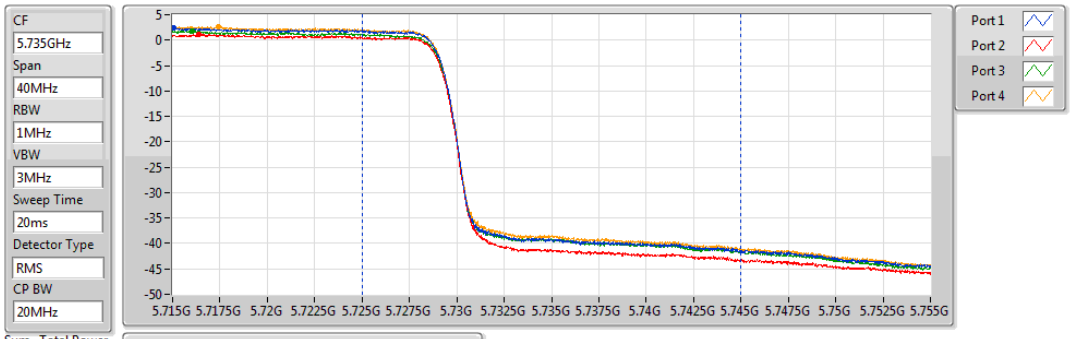


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.30	16.50	15.43	16.04	16.99

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

5710MHz Straddle 5.725-5.85GHz

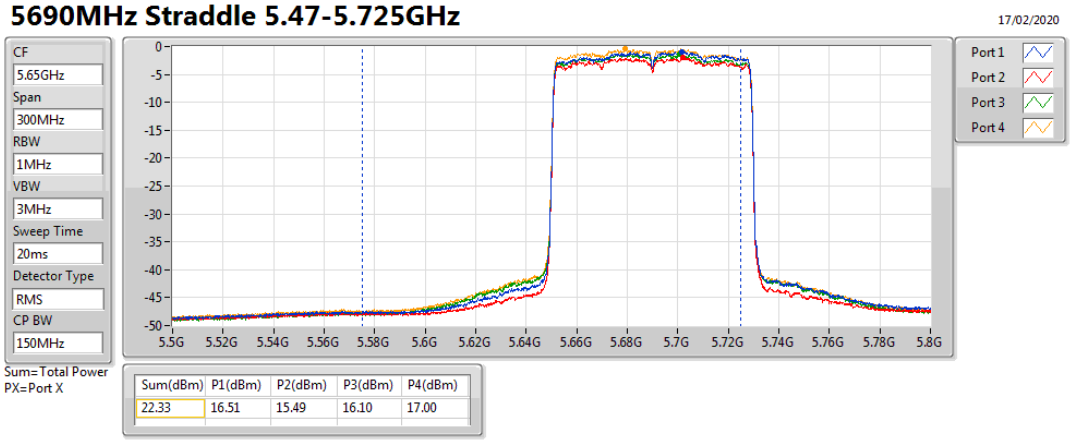


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.67	7.02	5.84	6.34	7.24

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

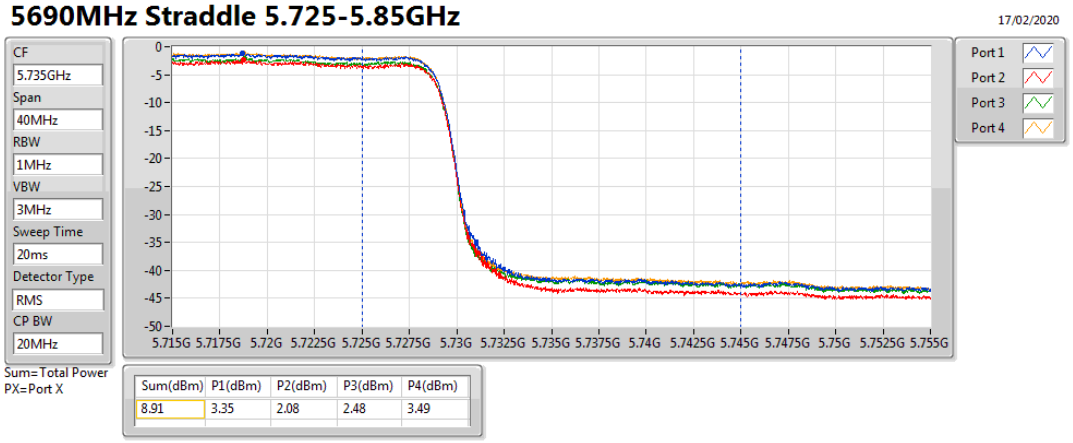
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.33	16.51	15.49	16.10	17.00

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

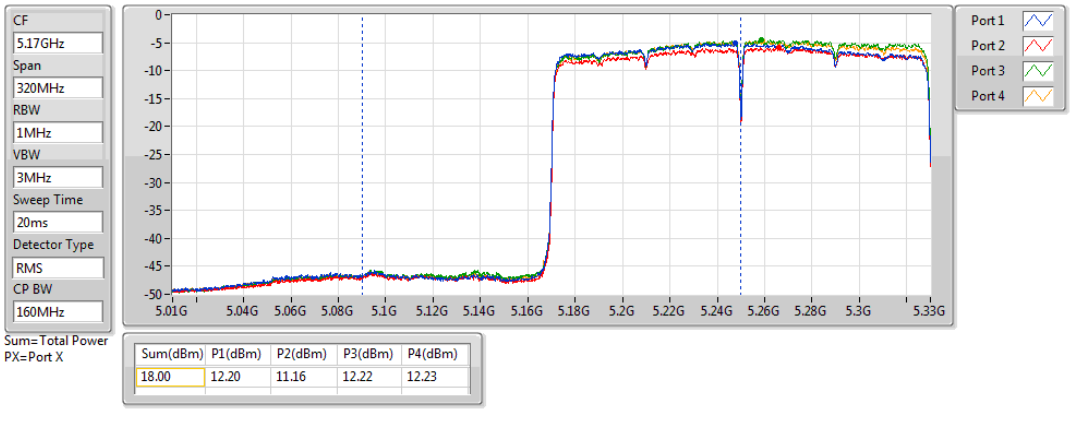
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.91	3.35	2.08	2.48	3.49

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

5250MHz Straddle 5.15-5.25GHz

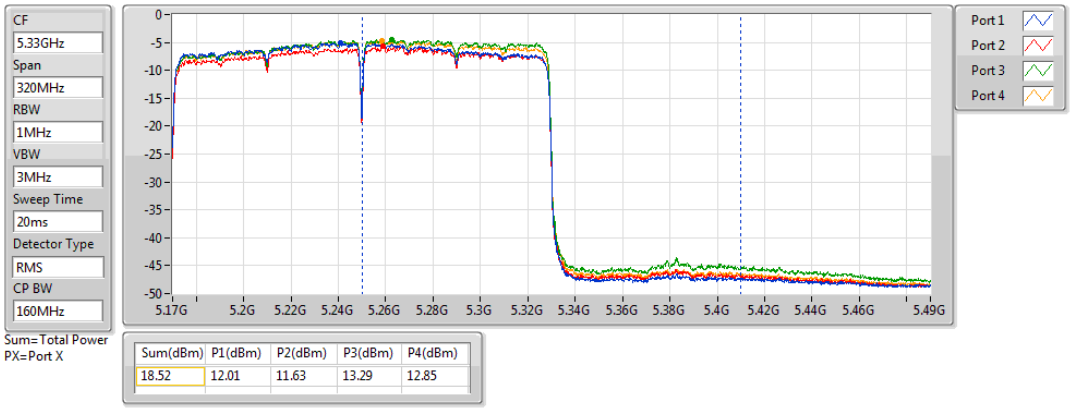


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.00	12.20	11.16	12.22	12.23

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

5250MHz Straddle 5.25-5.35GHz

17/02/2020



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.52	12.01	11.63	13.29	12.85

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.62
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.31
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.21
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.07
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.73
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.97
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.72
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.64
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-0.48
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.50
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.11
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.29
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.23
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.45
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.67
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.42
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.57
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.68

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

Result

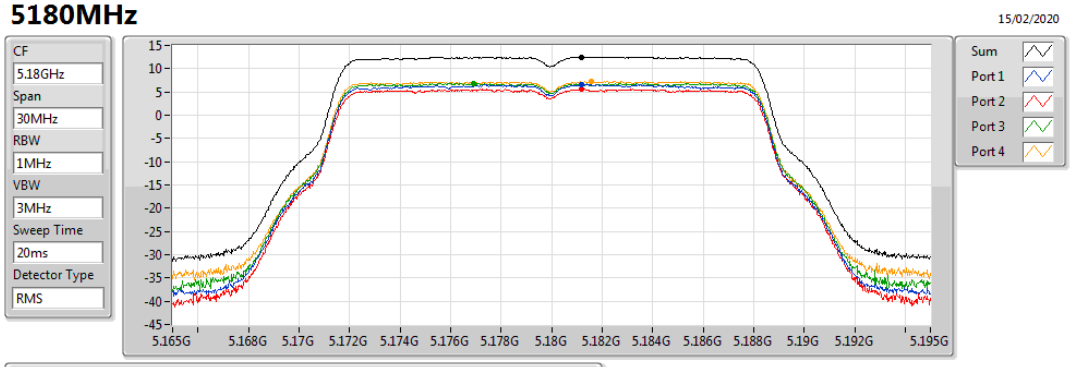
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.36	6.62	5.60	6.82	7.26	12.50	15.64
5200MHz	Pass	7.36	9.49	8.79	10.06	10.42	15.62	15.64
5240MHz	Pass	7.36	9.46	8.58	10.03	10.20	15.47	15.64
5260MHz	Pass	7.92	2.91	2.00	3.65	3.09	8.84	9.08
5300MHz	Pass	7.92	2.74	2.27	3.57	3.28	8.91	9.08
5320MHz	Pass	7.92	2.88	2.51	3.68	3.31	8.97	9.08
5500MHz	Pass	7.49	3.50	2.94	3.89	3.79	9.46	9.51
5580MHz	Pass	7.49	3.33	3.10	4.00	3.79	9.49	9.51
5620MHz	Pass	7.49	3.96	2.14	3.43	3.97	9.38	9.51
5700MHz	Pass	7.49	3.94	2.57	3.40	3.91	9.41	9.51
5720MHz Straddle 5.47-5.725GHz	Pass	7.49	4.04	2.65	3.44	4.14	9.50	9.51
5720MHz Straddle 5.725-5.85GHz	Pass	7.73	2.39	0.99	1.73	2.61	7.85	28.27
5745MHz	Pass	7.73	9.88	8.87	10.27	9.92	15.66	28.27
5785MHz	Pass	7.73	9.66	8.66	10.09	9.58	15.36	28.27
5825MHz	Pass	7.73	10.01	8.89	10.36	10.00	15.67	28.27
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.36	5.00	4.19	5.29	5.42	10.97	15.64
5200MHz	Pass	7.36	9.25	8.50	9.78	9.83	15.31	15.64
5240MHz	Pass	7.36	9.09	7.93	9.66	9.83	15.12	15.64
5260MHz	Pass	7.92	2.48	1.73	3.33	3.01	8.61	9.08
5300MHz	Pass	7.92	2.45	1.98	3.60	3.09	8.72	9.08
5320MHz	Pass	7.92	2.51	1.90	3.57	3.28	8.79	9.08
5500MHz	Pass	7.49	3.10	2.38	3.34	3.42	9.00	9.51
5580MHz	Pass	7.49	3.00	2.68	3.56	3.42	9.11	9.51
5620MHz	Pass	7.49	3.42	1.86	2.88	3.35	8.87	9.51
5700MHz	Pass	7.49	3.09	1.77	2.35	3.13	8.57	9.51
5720MHz Straddle 5.47-5.725GHz	Pass	7.49	3.37	2.05	2.76	3.38	8.86	9.51
5720MHz Straddle 5.725-5.85GHz	Pass	7.73	1.87	0.30	1.16	1.87	7.27	28.27
5745MHz	Pass	7.73	7.11	6.36	7.64	7.53	13.09	28.27
5785MHz	Pass	7.73	7.69	6.76	8.01	7.76	13.42	28.27
5825MHz	Pass	7.73	7.29	6.57	7.73	7.32	13.08	28.27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.36	0.22	-0.18	0.76	0.96	6.35	15.64
5230MHz	Pass	7.36	5.23	4.06	5.98	5.76	11.21	15.64
5270MHz	Pass	7.92	-0.35	-0.98	0.46	0.09	5.72	9.08
5310MHz	Pass	7.92	-0.73	-1.47	0.21	-0.07	5.45	9.08
5510MHz	Pass	7.49	-0.28	-0.96	-0.04	-0.14	5.58	9.51
5550MHz	Pass	7.49	0.18	0.07	0.68	0.54	6.29	9.51
5630MHz	Pass	7.49	0.33	-0.86	-0.05	0.59	5.92	9.51
5670MHz	Pass	7.49	0.43	-0.56	0.04	0.85	6.17	9.51
5710MHz Straddle 5.47-5.725GHz	Pass	7.49	0.38	-0.55	0.19	0.75	6.14	9.51
5710MHz Straddle 5.725-5.85GHz	Pass	7.73	-1.05	-2.43	-1.85	-0.95	4.43	28.27
5755MHz	Pass	7.73	4.41	3.69	5.21	4.83	10.43	28.27

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)
5795MHz	Pass	7.73	4.59	3.77	5.53	4.80	10.57	28.27
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.36	-3.28	-3.66	-2.32	-2.36	3.07	15.64
5290MHz	Pass	7.92	-3.53	-4.16	-2.55	-3.07	2.64	9.08
5530MHz	Pass	7.49	-3.71	-4.23	-3.39	-3.47	2.27	9.51
5610MHz	Pass	7.49	-2.67	-3.71	-2.97	-2.07	3.09	9.51
5690MHz Straddle 5.47-5.725GHz	Pass	7.49	-2.41	-3.51	-2.92	-2.03	3.23	9.51
5690MHz Straddle 5.725-5.85GHz	Pass	7.73	-4.68	-5.95	-5.57	-4.50	0.87	28.27
5775MHz	Pass	7.73	-0.28	-0.81	0.03	-0.20	5.68	28.27
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.36	-6.59	-7.61	-6.29	-6.34	-0.73	15.64
5250MHz Straddle 5.25-5.35GHz	Pass	7.92	-6.54	-7.20	-5.92	-6.16	-0.48	9.08
5570MHz	Pass	7.49	-5.19	-6.08	-5.26	-5.33	0.45	9.51

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

802.11a_Nss1,(6Mbps)_4TX PSD

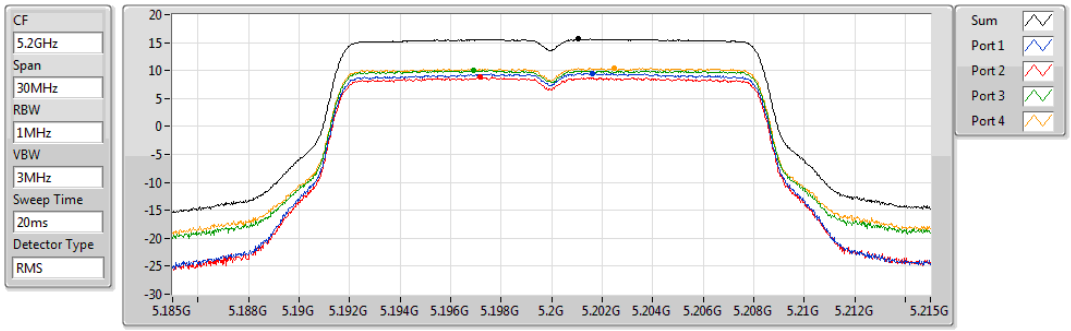
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.50	12.50	6.62	5.60	6.82	7.26

802.11a_Nss1,(6Mbps)_4TX PSD

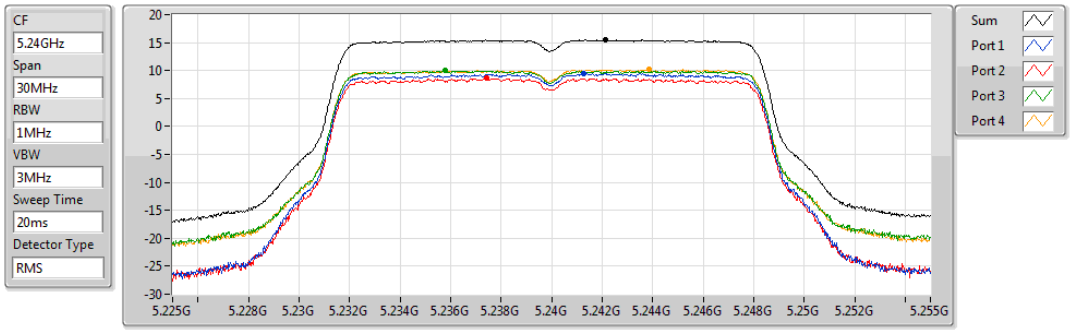
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.62	15.62	9.49	8.79	10.06	10.42

802.11a_Nss1,(6Mbps)_4TX PSD

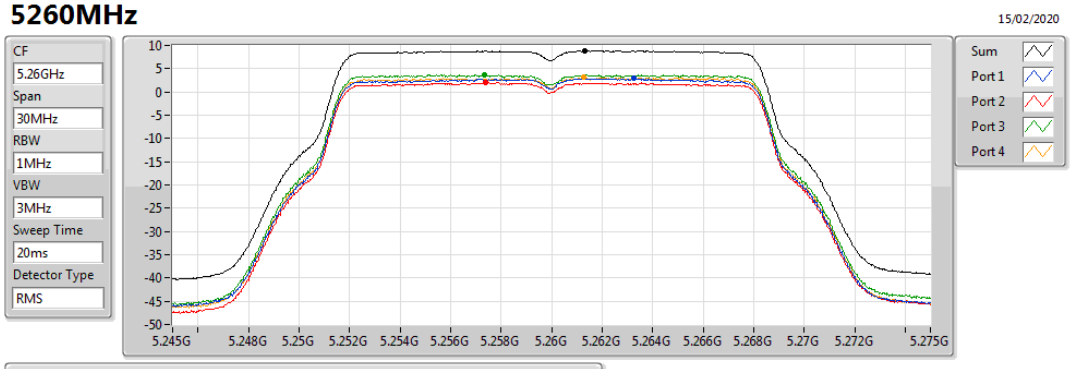
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.47	15.47	9.46	8.58	10.03	10.20

802.11a_Nss1,(6Mbps)_4TX PSD

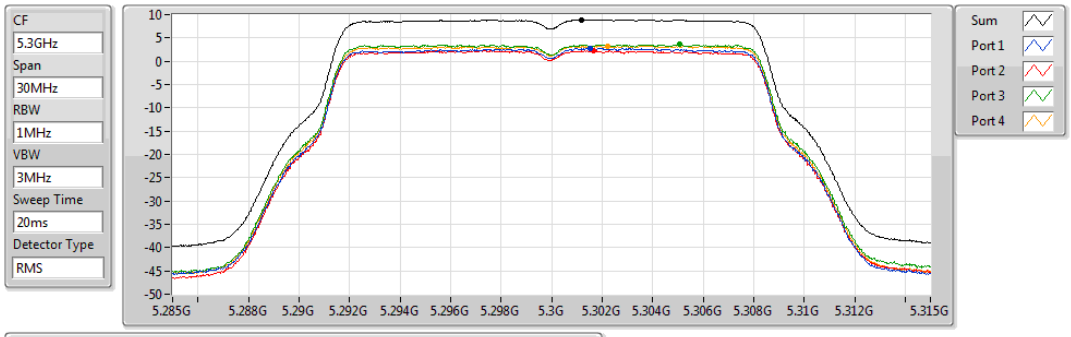
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	2.91	2.00	3.65	3.09

802.11a_Nss1,(6Mbps)_4TX PSD

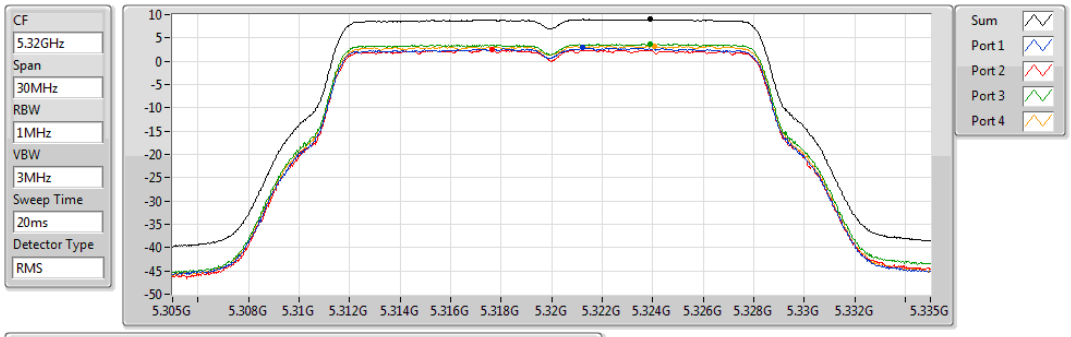
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	2.74	2.27	3.57	3.28

802.11a_Nss1,(6Mbps)_4TX PSD

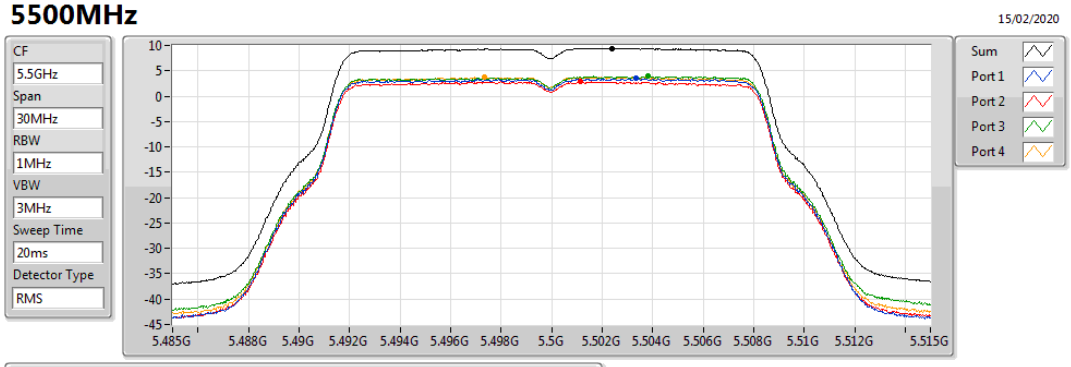
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	2.88	2.51	3.68	3.31

802.11a_Nss1,(6Mbps)_4TX PSD

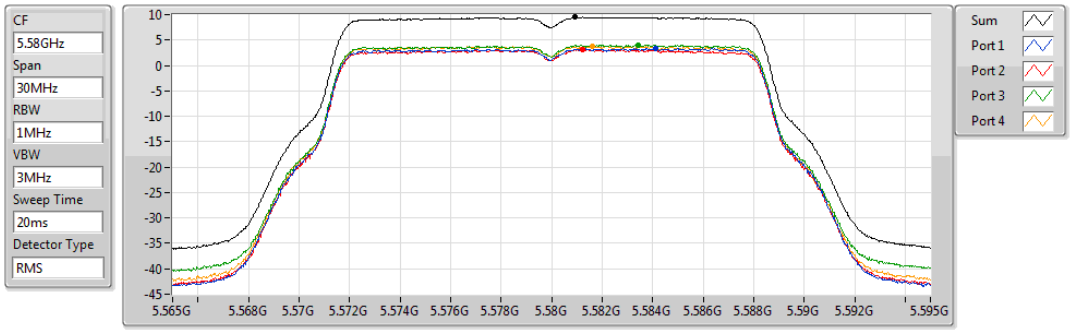
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.46	9.46	3.50	2.94	3.89	3.79

802.11a_Nss1,(6Mbps)_4TX PSD

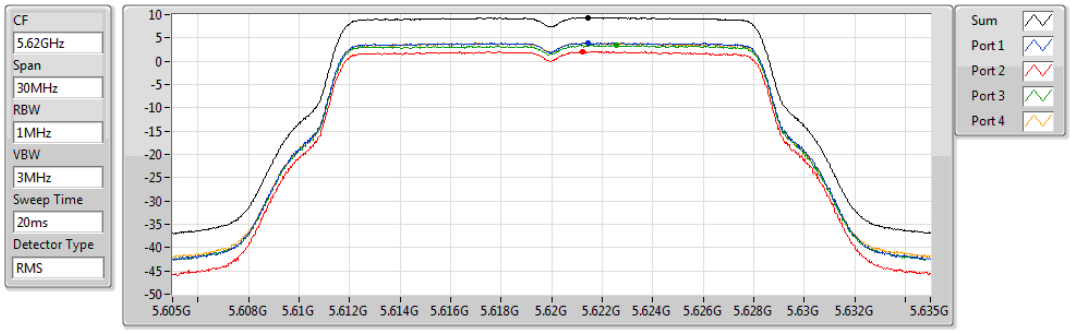
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.49	9.49	3.33	3.10	4.00	3.79

802.11a_Nss1,(6Mbps)_4TX PSD

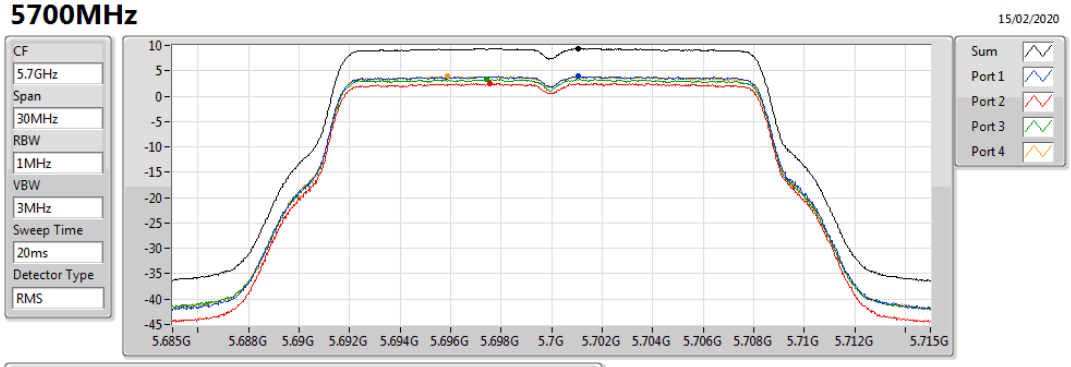
5620MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	3.96	2.14	3.43	3.97

802.11a_Nss1,(6Mbps)_4TX PSD

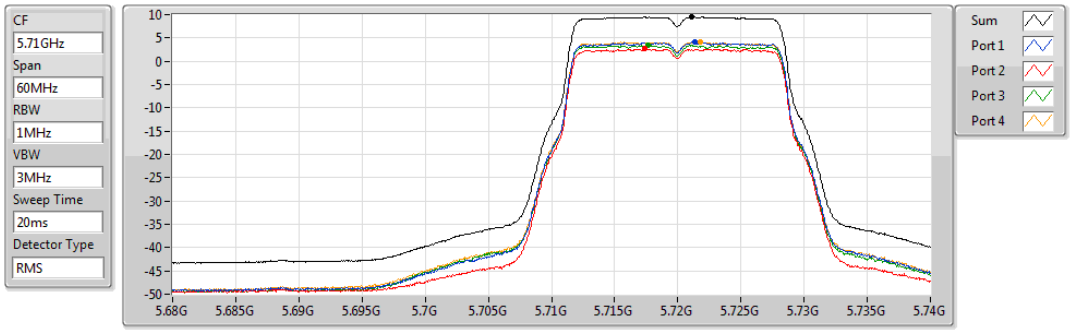
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.41	9.41	3.94	2.57	3.40	3.91

802.11a_Nss1,(6Mbps)_4TX PSD

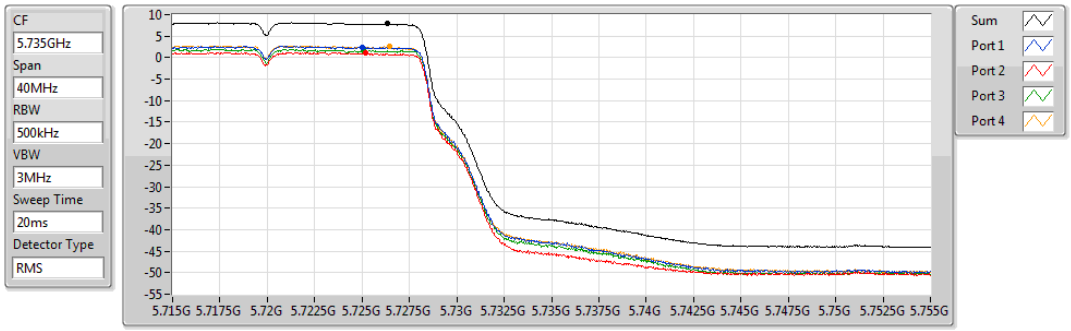
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.50	9.50	4.04	2.65	3.44	4.14

802.11a_Nss1,(6Mbps)_4TX PSD

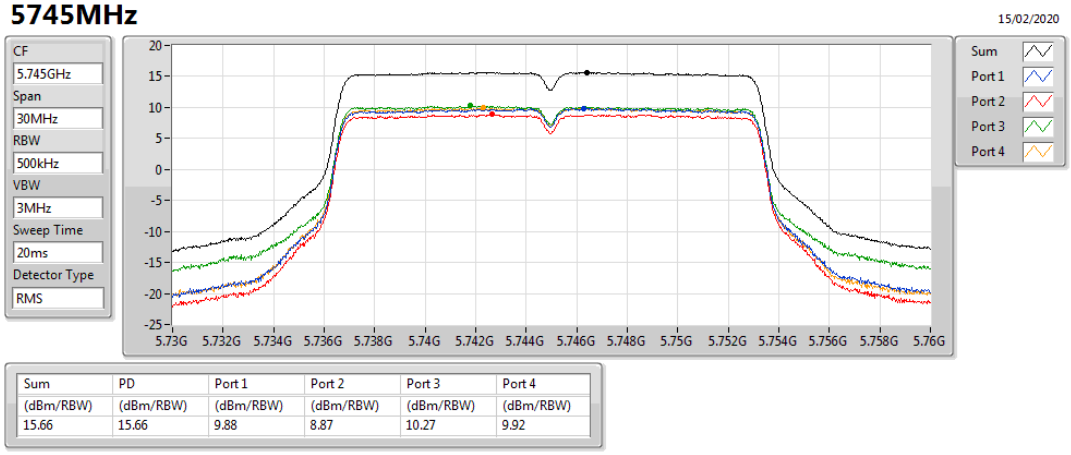
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	2.39	0.99	1.73	2.61

802.11a_Nss1,(6Mbps)_4TX PSD

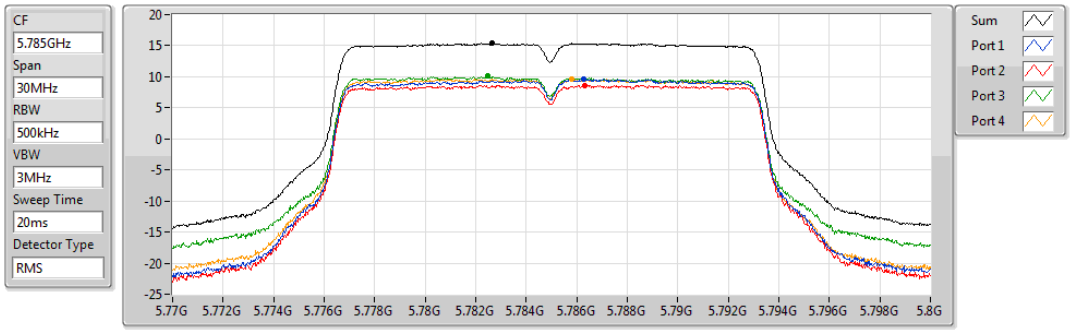
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.66	15.66	9.88	8.87	10.27	9.92

802.11a_Nss1,(6Mbps)_4TX PSD

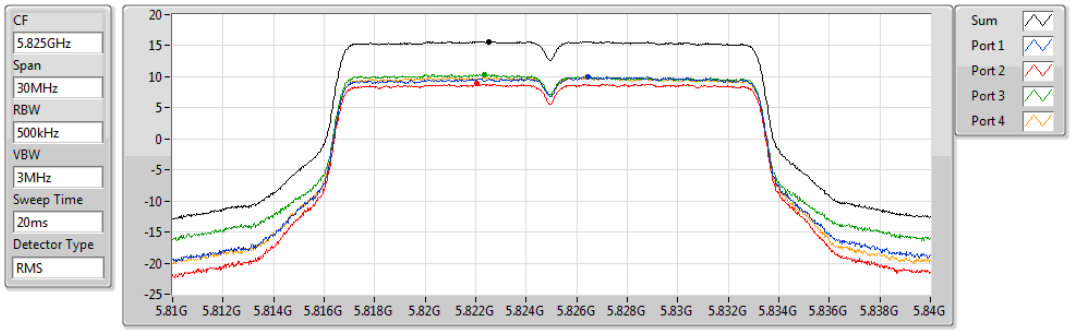
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.36	15.36	9.66	8.66	10.09	9.58

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

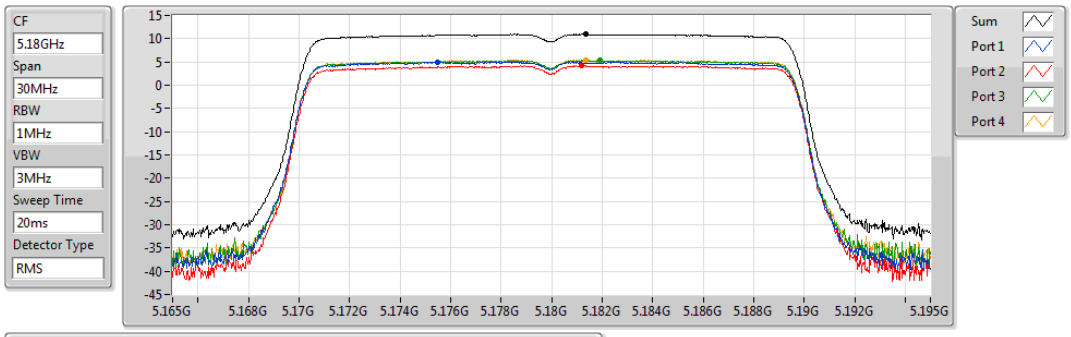


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.67	15.67	10.01	8.89	10.36	10.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5180MHz

17/02/2020

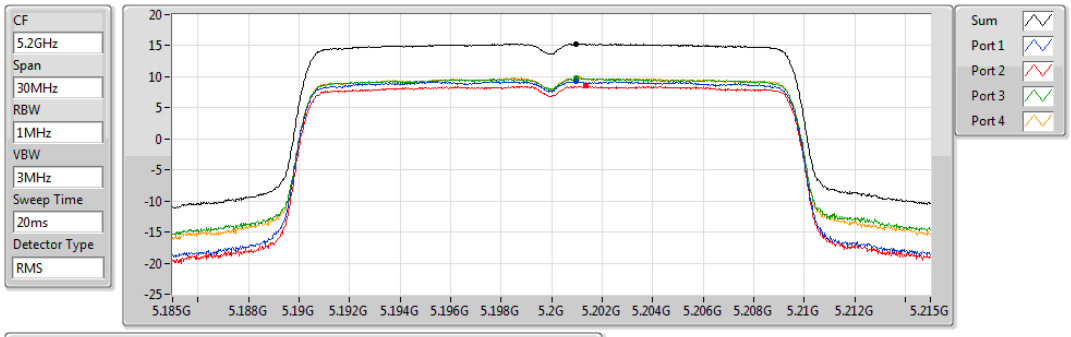


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	5.00	4.19	5.29	5.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5200MHz

17/02/2020

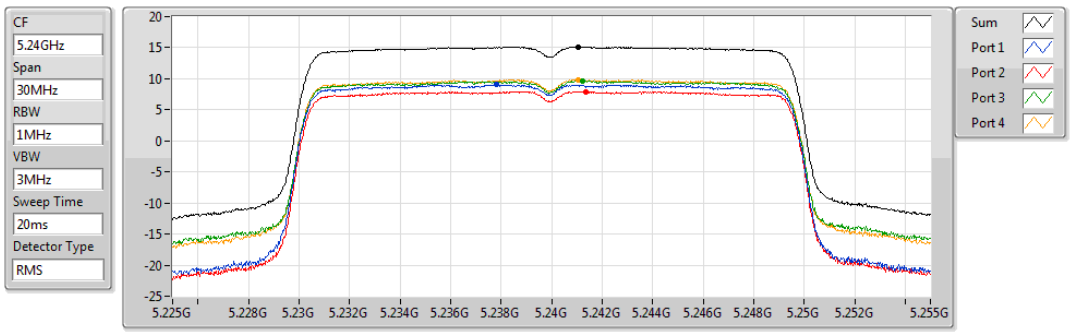


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.31	15.31	9.25	8.50	9.78	9.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

5240MHz

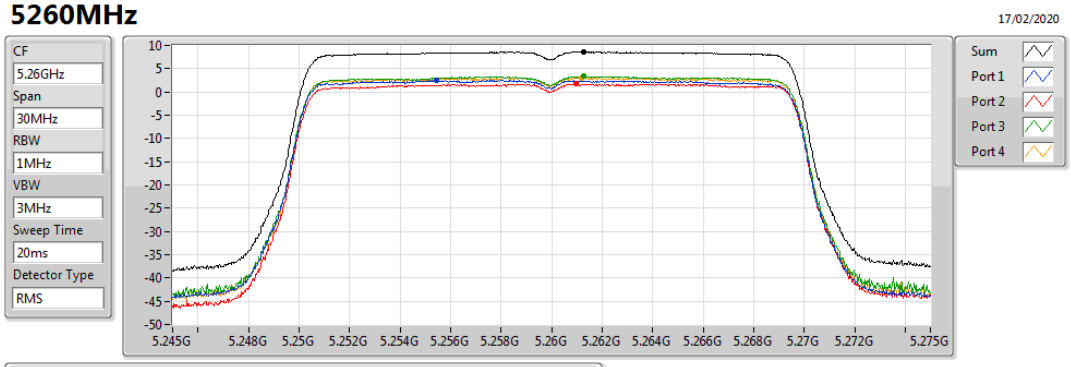
17/02/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.12	15.12	9.09	7.93	9.66	9.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

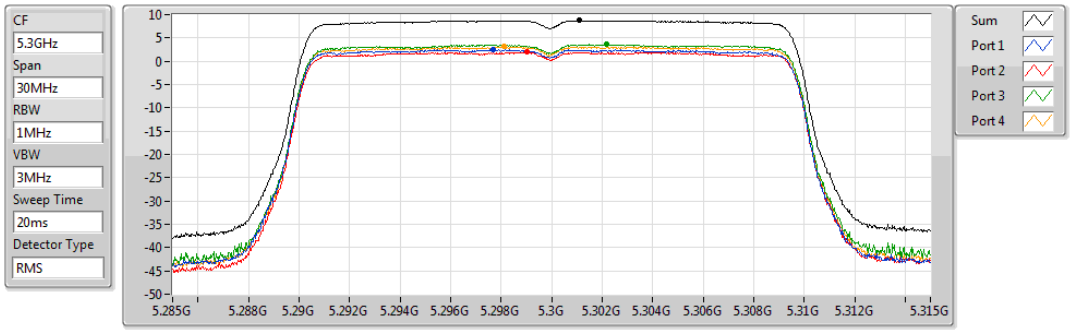
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.61	8.61	2.48	1.73	3.33	3.01

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

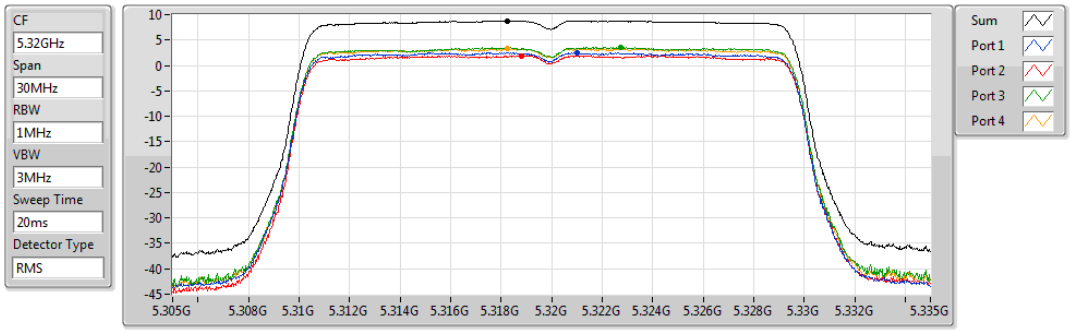
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	2.45	1.98	3.60	3.09

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

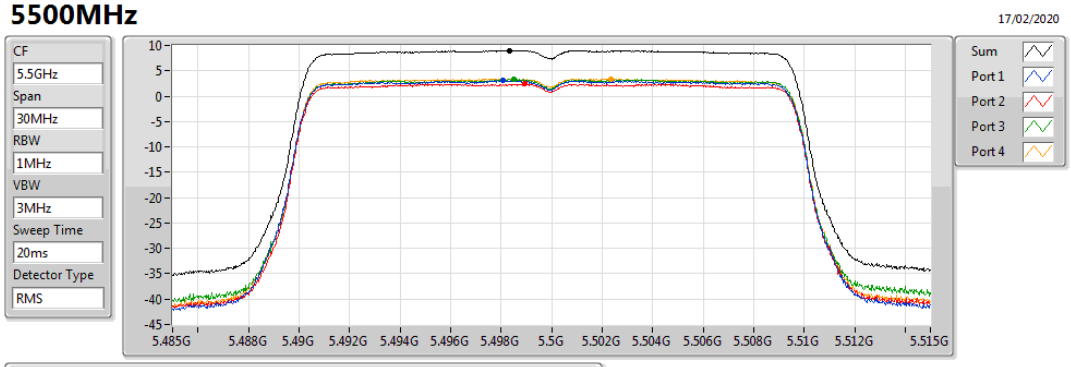
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.79	8.79	2.51	1.90	3.57	3.28

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

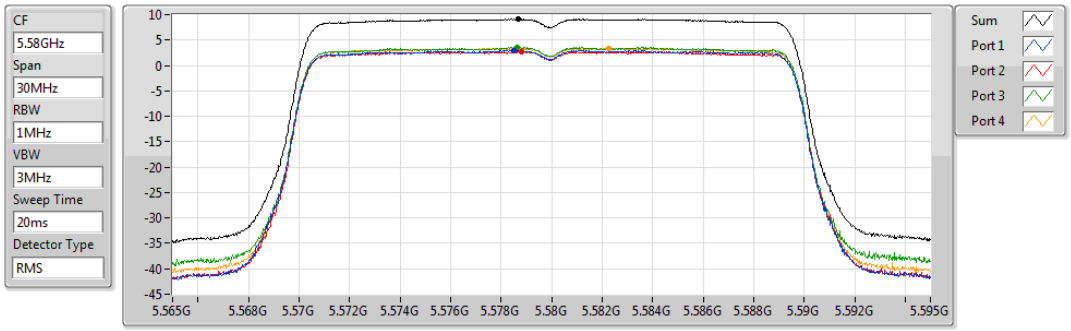
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.00	9.00	3.10	2.38	3.34	3.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

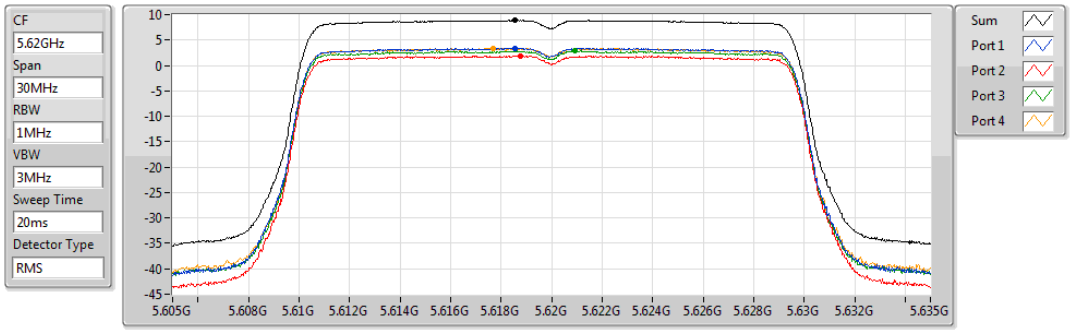
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.11	9.11	3.00	2.68	3.56	3.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

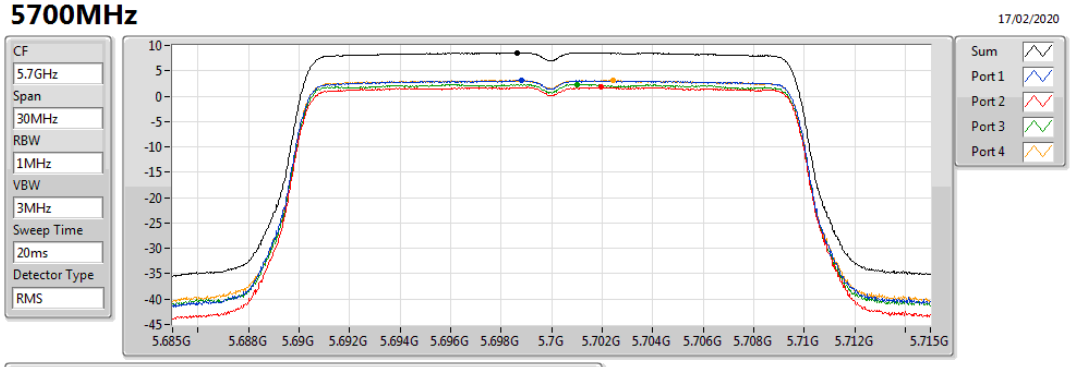
5620MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	3.42	1.86	2.88	3.35

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

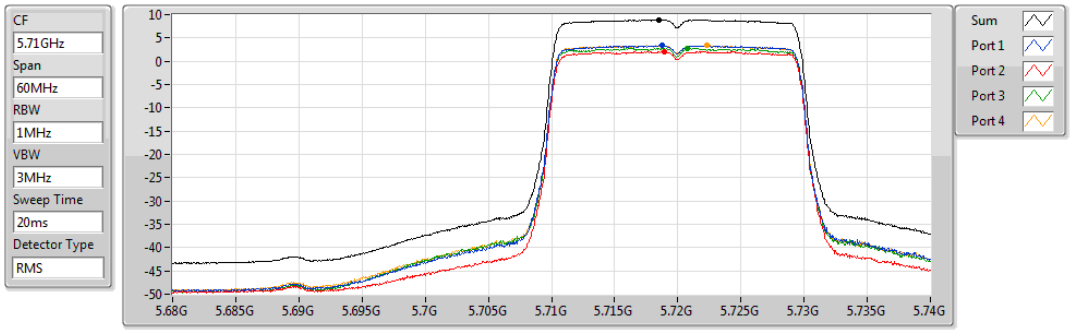
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.57	8.57	3.09	1.77	2.35	3.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

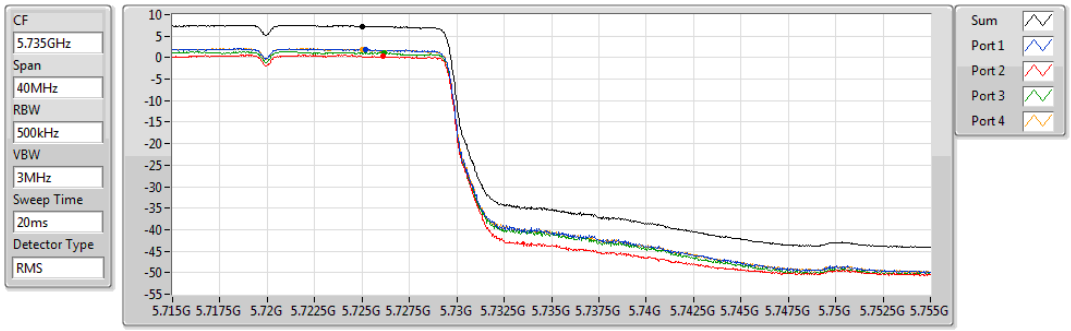
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	3.37	2.05	2.76	3.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

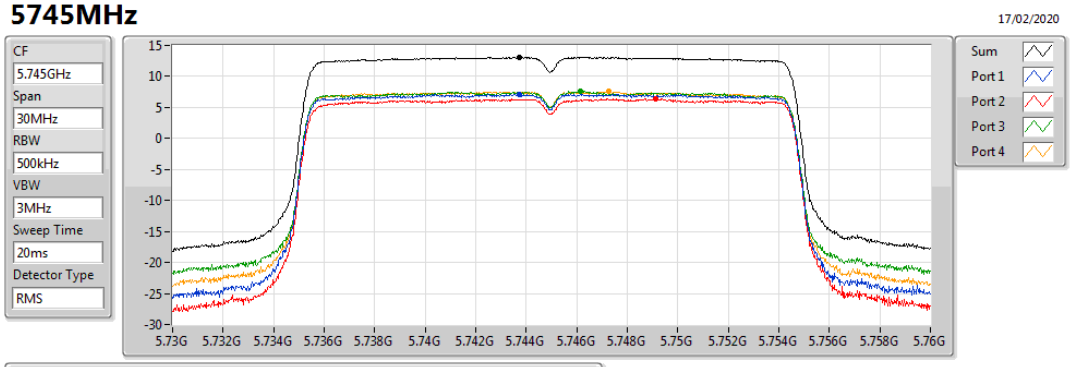
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	1.87	0.30	1.16	1.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

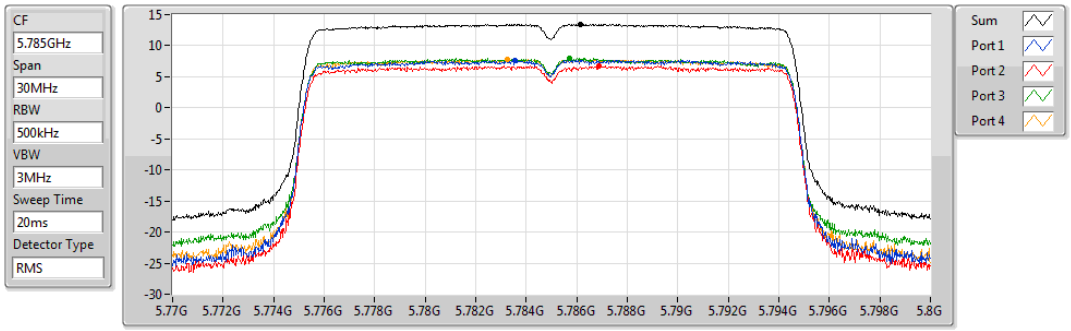
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.09	13.09	7.11	6.36	7.64	7.53

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

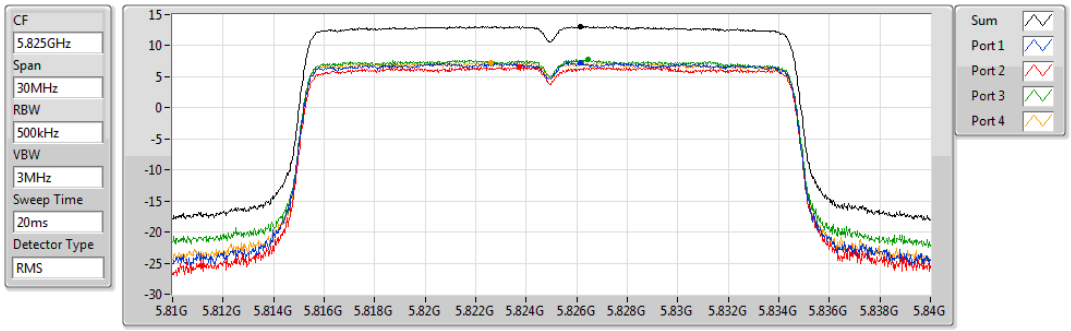
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.42	13.42	7.69	6.76	8.01	7.76

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

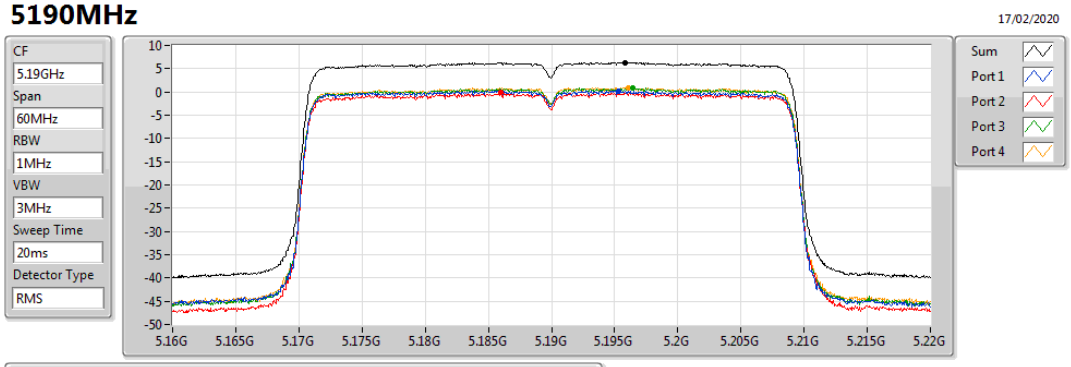
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.08	13.08	7.29	6.57	7.73	7.32

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

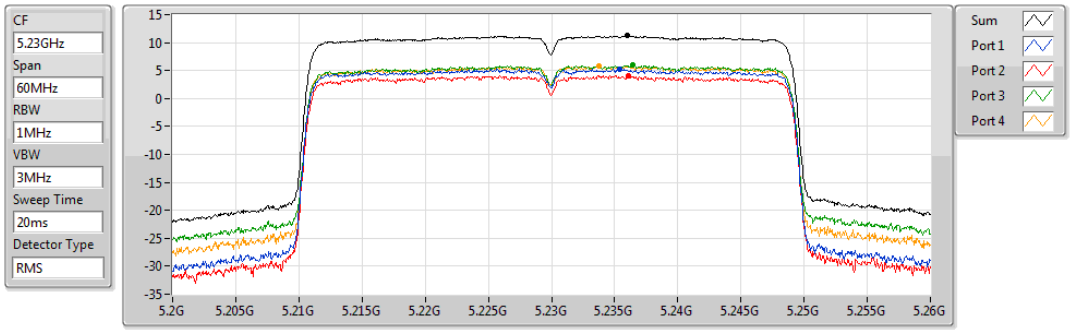
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	0.22	-0.18	0.76	0.96

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

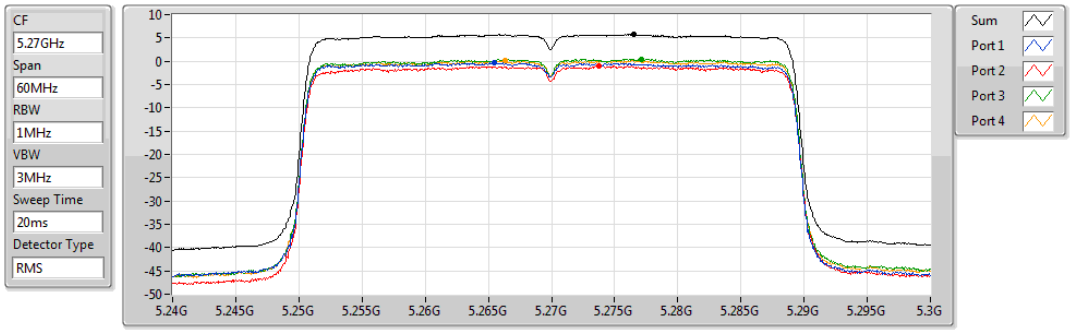
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.21	11.21	5.23	4.06	5.98	5.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

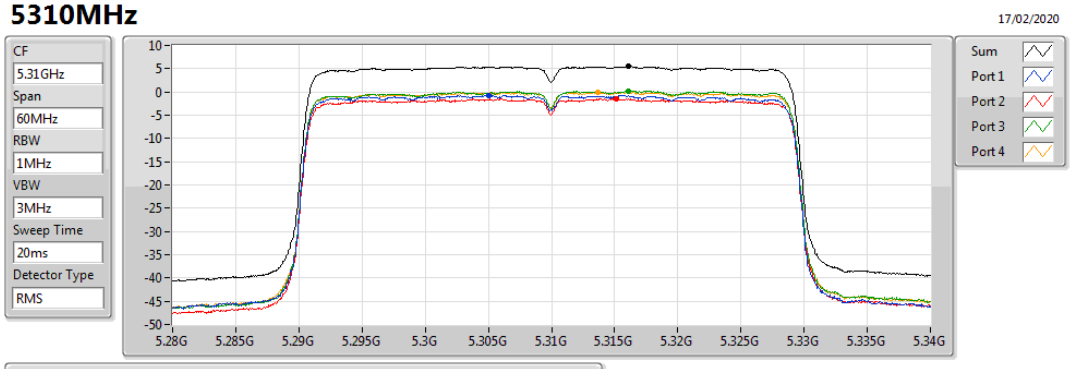
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.72	5.72	-0.35	-0.98	0.46	0.09

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

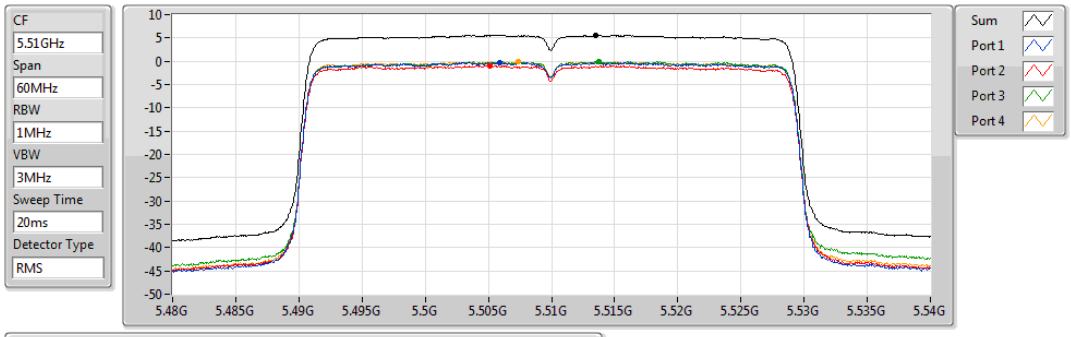
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	-0.73	-1.47	0.21	-0.07

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

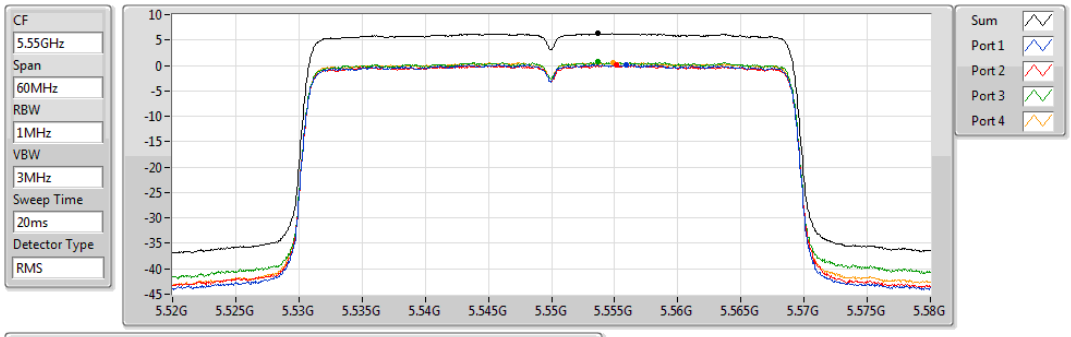
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.58	5.58	-0.28	-0.96	-0.04	-0.14

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

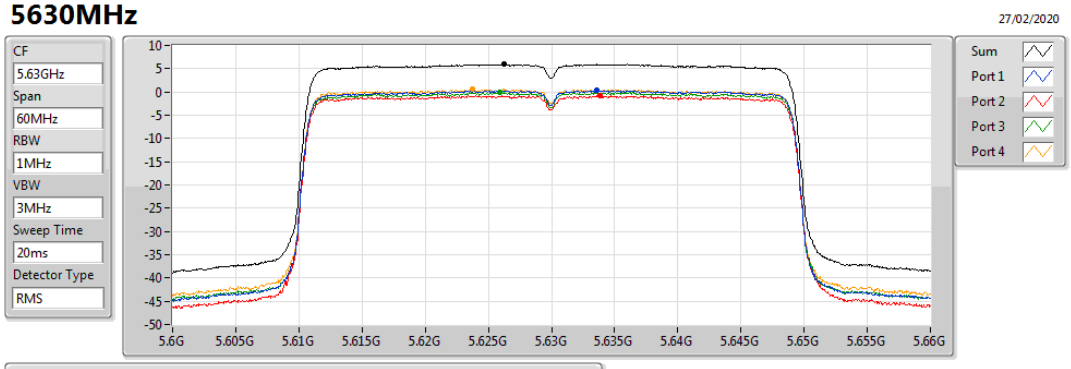
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.29	6.29	0.18	0.07	0.68	0.54

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

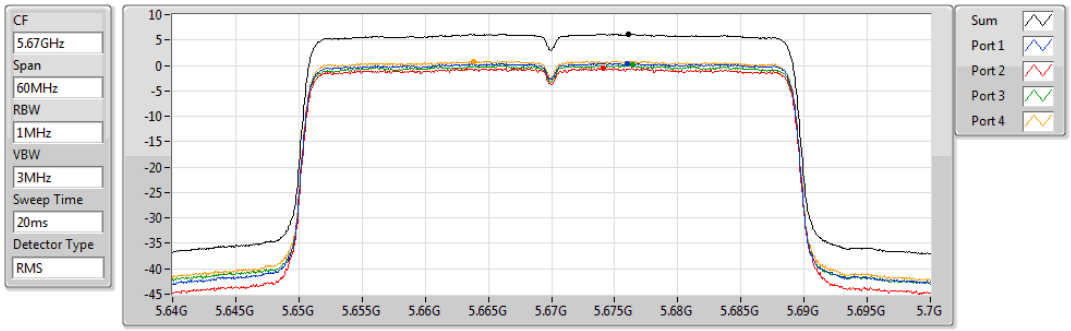
5630MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	0.33	-0.86	-0.05	0.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

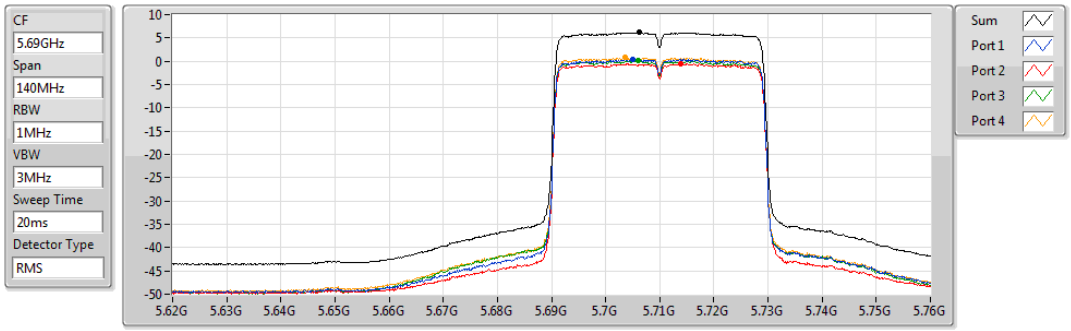
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.17	6.17	0.43	-0.56	0.04	0.85

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

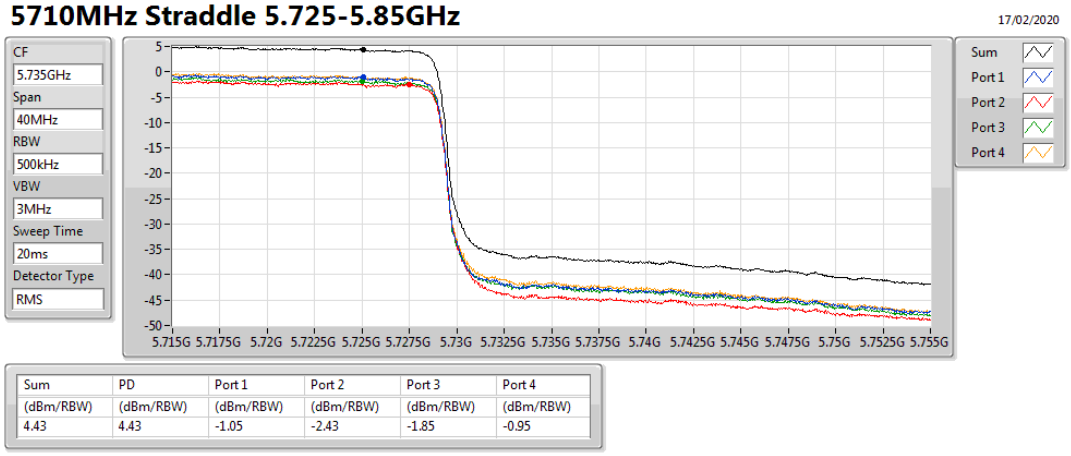
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.14	6.14	0.38	-0.55	0.19	0.75

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

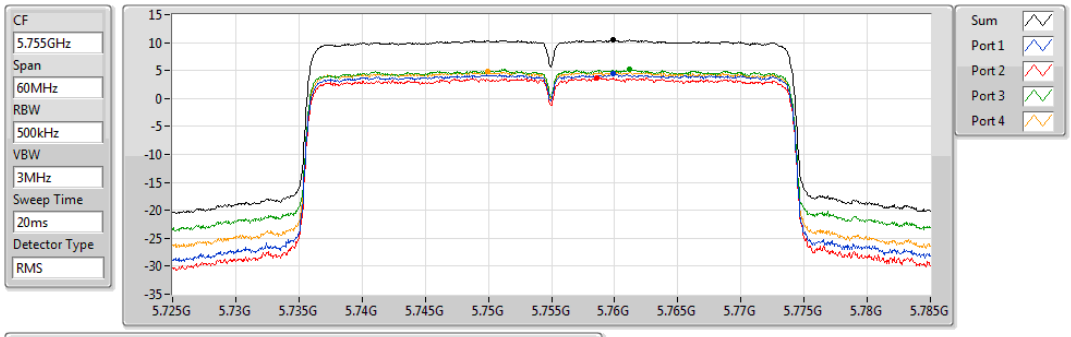
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.43	4.43	-1.05	-2.43	-1.85	-0.95

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

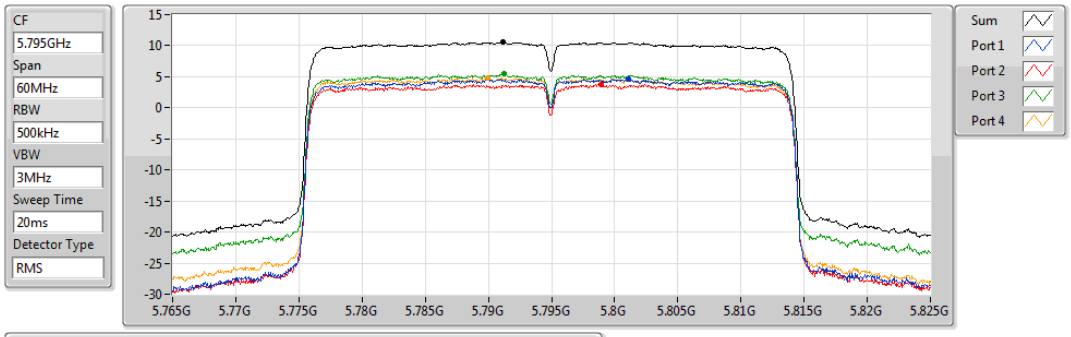
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.43	10.43	4.41	3.69	5.21	4.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

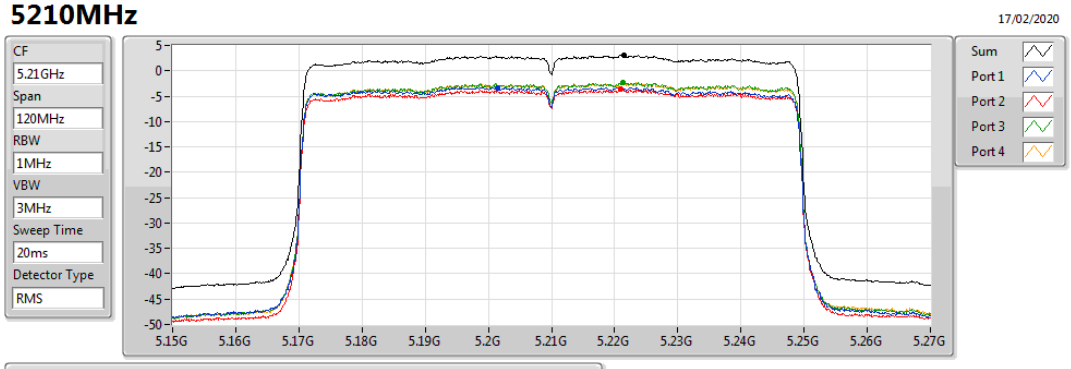
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	4.59	3.77	5.53	4.80

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

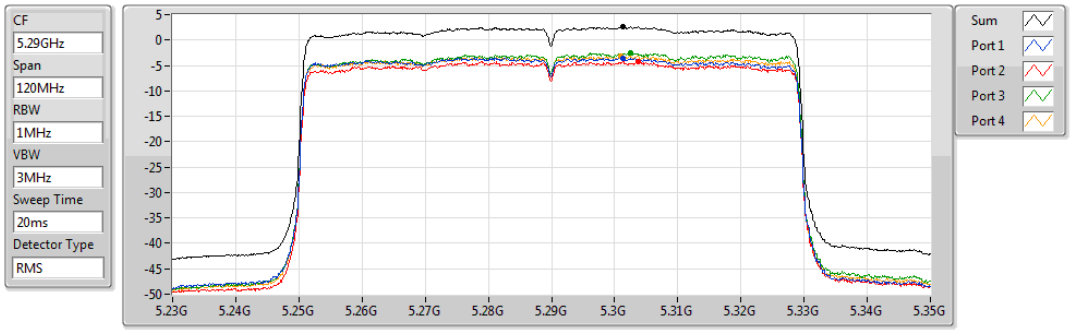
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.07	3.07	-3.28	-3.66	-2.32	-2.36

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

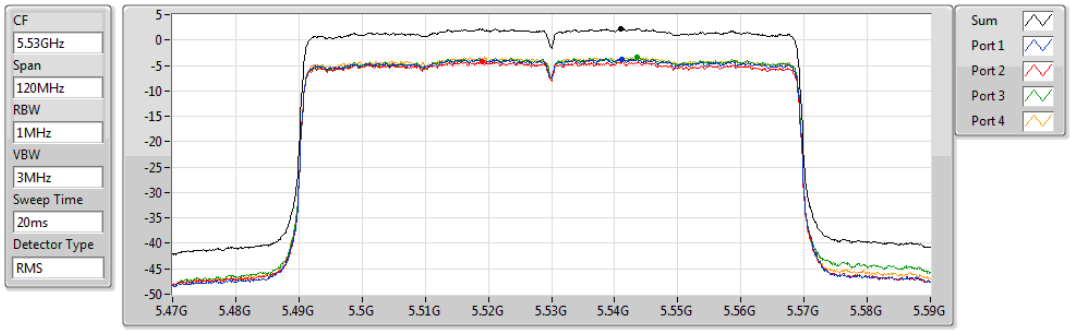
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.64	2.64	-3.53	-4.16	-2.55	-3.07

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

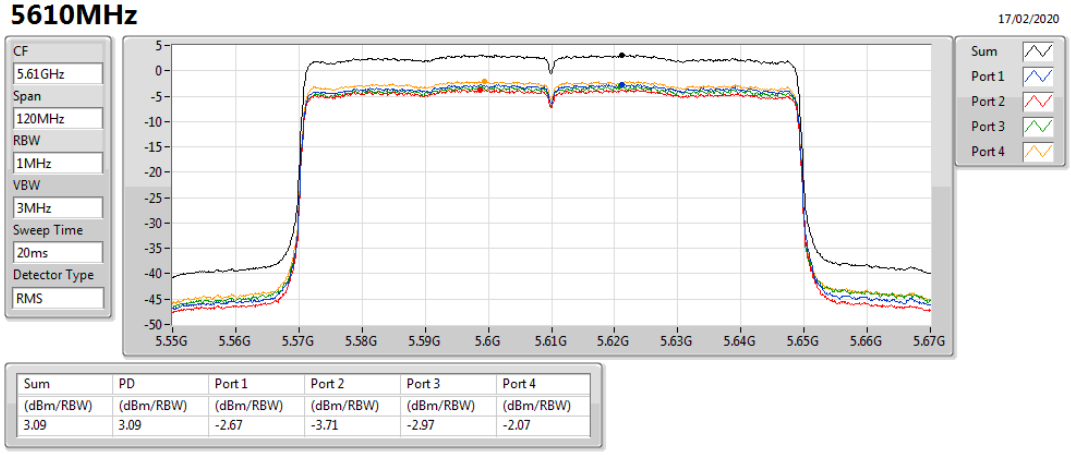
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	-3.71	-4.23	-3.39	-3.47

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

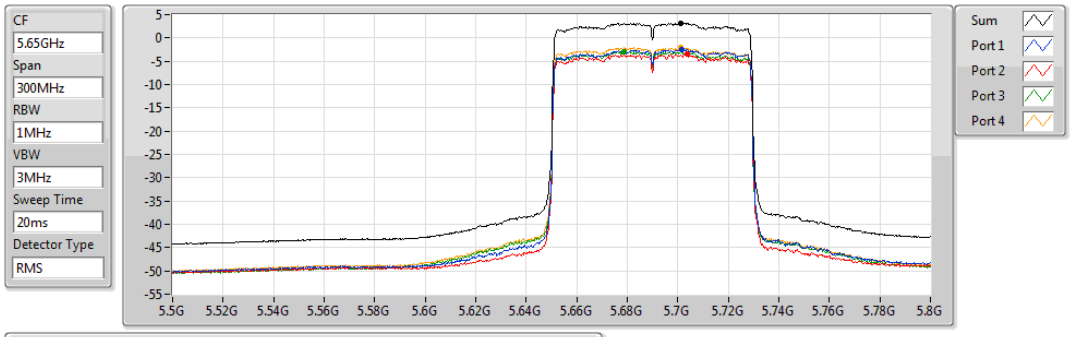
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.09	3.09	-2.67	-3.71	-2.97	-2.07

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

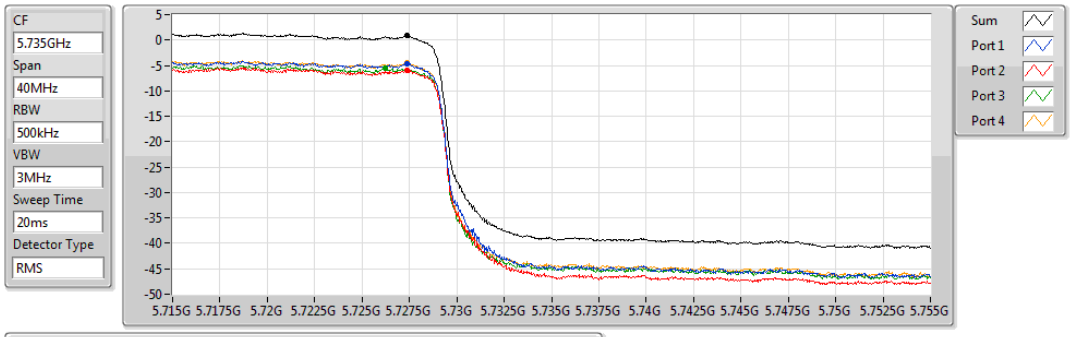
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	-2.41	-3.51	-2.92	-2.03

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

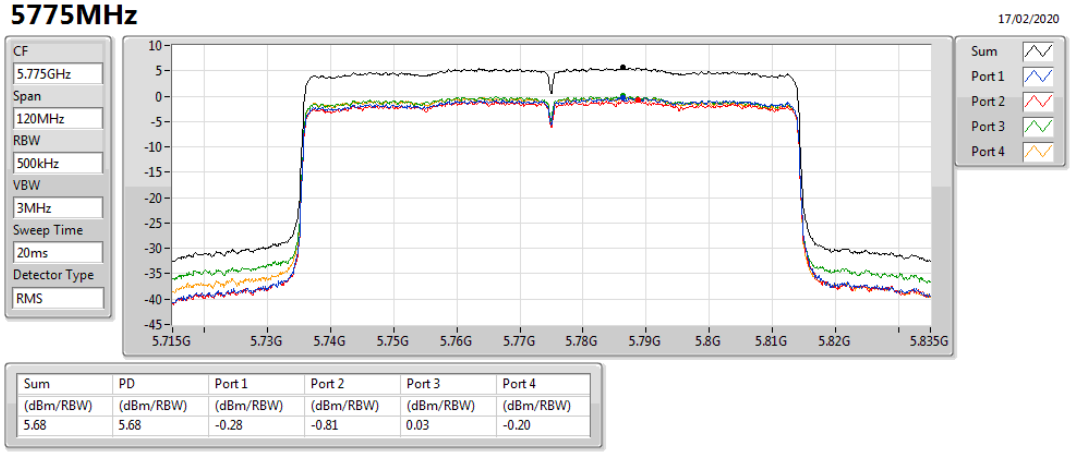
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	-4.68	-5.95	-5.57	-4.50

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

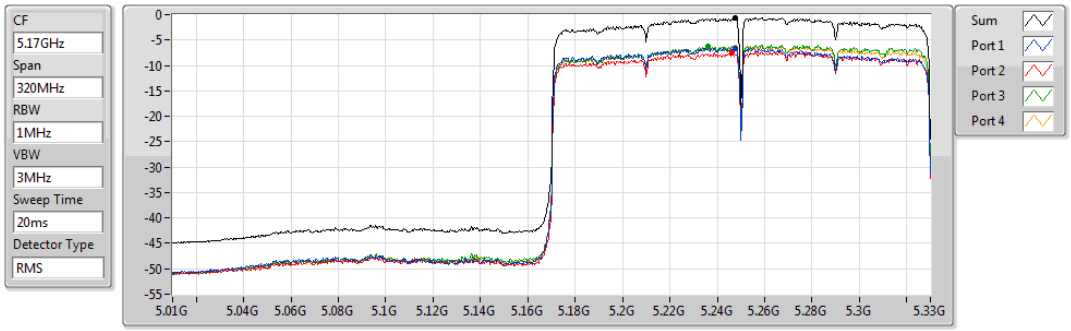
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	-0.28	-0.81	0.03	-0.20

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

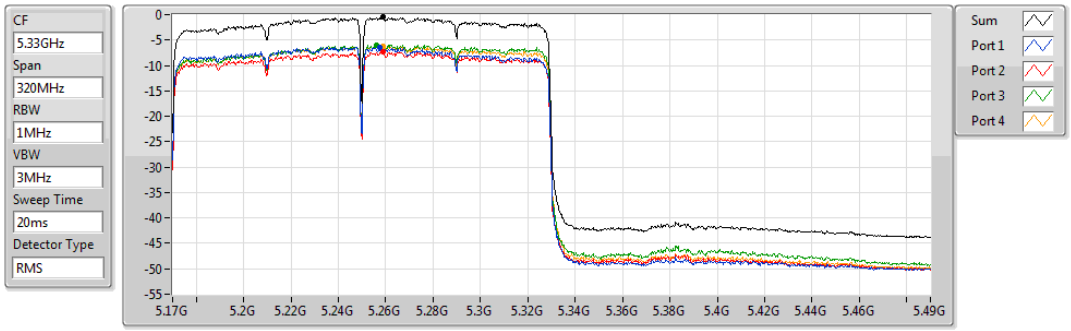
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.73	-0.73	-6.59	-7.61	-6.29	-6.34

802.11ax HEW160-BF_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

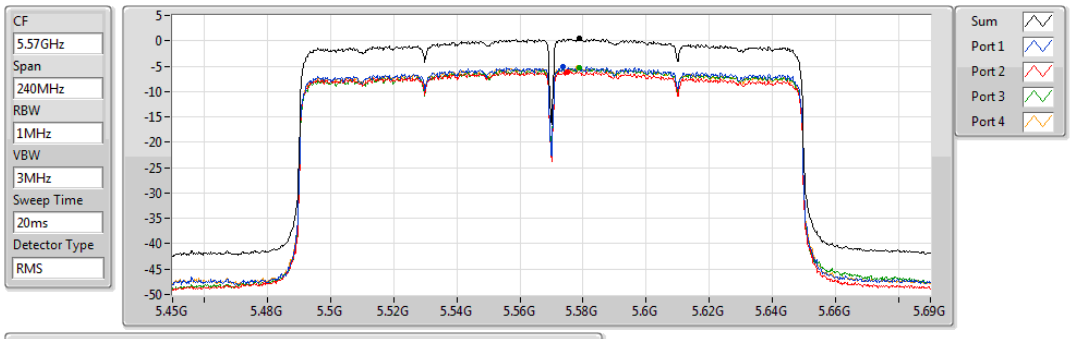


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-6.54	-7.20	-5.92	-6.16

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

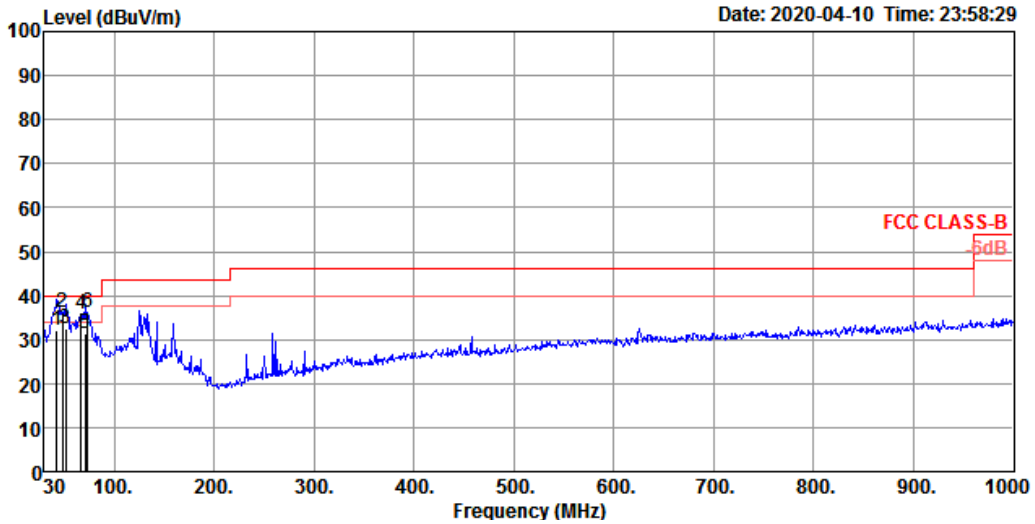
5570MHz

17/02/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.45	0.45	-5.19	-6.08	-5.26	-5.33

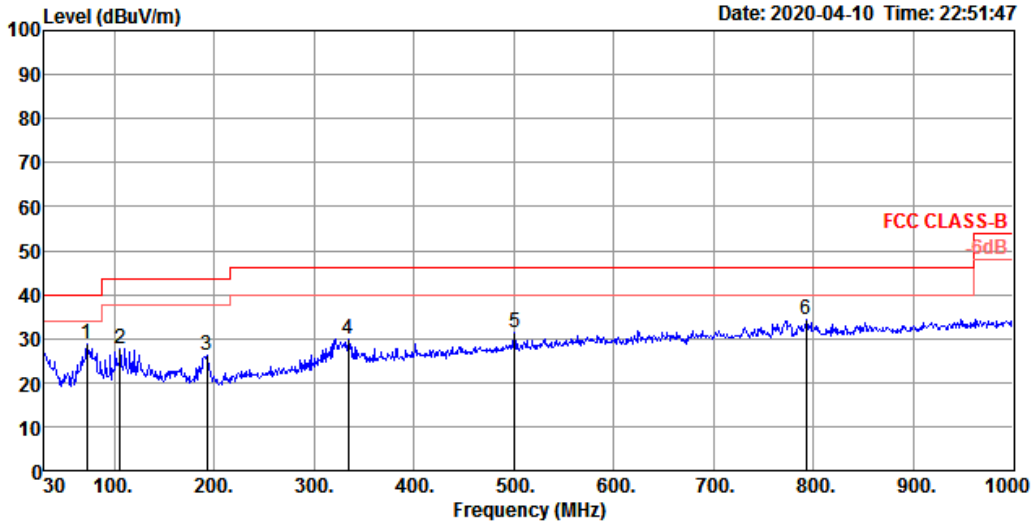
RSE below 1GHz Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	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	42.61	32.13	40.00	-7.87	46.80	0.80	17.02	32.49	100	189	QP	VERTICAL
2	48.43	36.34	40.00	-3.66	53.67	0.87	14.30	32.50	100	144	Peak	VERTICAL
3	51.34	32.62	40.00	-7.38	50.80	0.90	13.41	32.49	125	222	QP	VERTICAL
4	66.86	35.77	40.00	-4.23	54.97	0.94	12.26	32.40	150	216	Peak	VERTICAL
5	70.74	31.24	40.00	-8.76	50.39	1.00	12.27	32.42	125	312	QP	VERTICAL
6	73.65	36.03	40.00	-3.97	55.25	1.00	12.22	32.44	150	238	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	72.68	28.88	40.00	-11.12	48.07	1.00	12.24	32.43	200	205	Peak	HORIZONTAL
2	105.66	27.81	43.50	-15.69	41.76	1.23	17.21	32.39	150	146	Peak	HORIZONTAL
3	192.96	26.05	43.50	-17.45	41.51	1.67	15.24	32.37	200	190	Peak	HORIZONTAL
4	334.58	29.77	46.00	-16.23	39.93	2.17	19.88	32.21	150	88	Peak	HORIZONTAL
5	500.45	31.32	46.00	-14.68	37.71	2.60	23.54	32.53	125	180	Peak	HORIZONTAL
6	792.42	34.23	46.00	-11.77	37.16	3.30	25.96	32.19	300	360	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.)

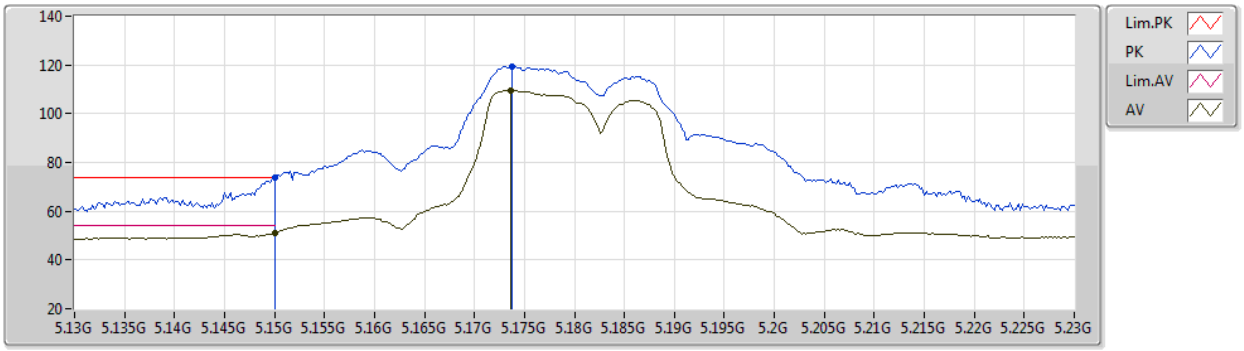
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	11.1589G	53.97	54.00	-0.03	3	Vertical	43	1.66	-

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

12/02/2020



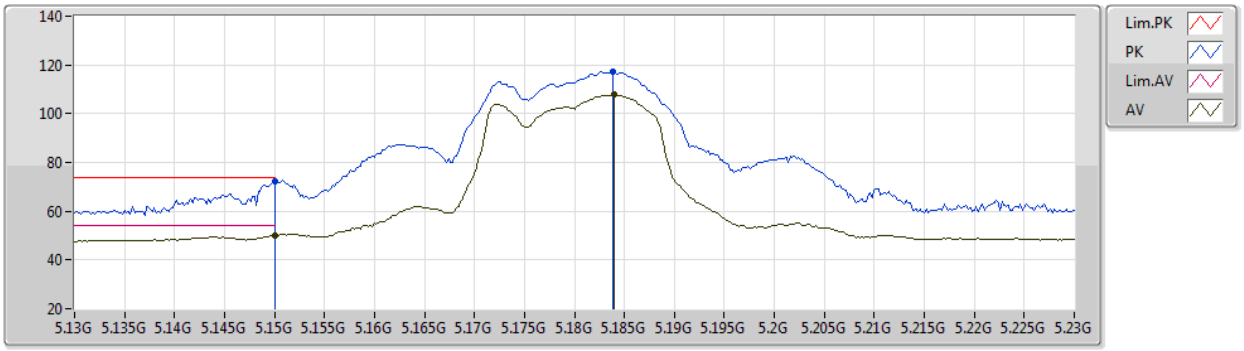
EUT Y_4TX
Setting 76
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	73.58	74.00	-0.42	67.57	3	Vertical	189	1.81	-	34.05	6.73	34.77
AV	5.15G	51.28	54.00	-2.72	45.27	3	Vertical	189	1.81	-	34.05	6.73	34.77
PK	5.1738G	119.25	Inf	-Inf	113.22	3	Vertical	189	1.81	-	34.07	6.75	34.79
AV	5.1736G	109.66	Inf	-Inf	103.63	3	Vertical	189	1.81	-	34.07	6.75	34.79

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

12/02/2020



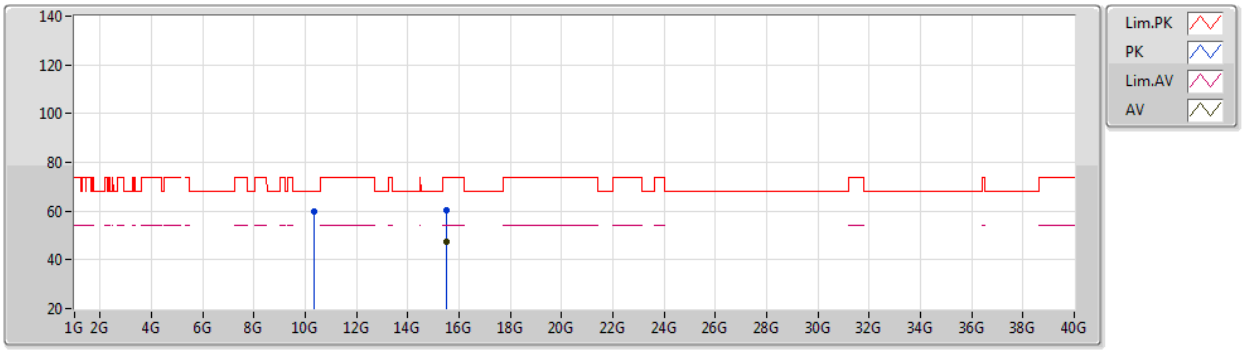
EUT Y_4TX
Setting 76
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.15G	72.21	74.00	-1.79	66.20	3	Horizontal	243	1.88	-	34.05	6.73	34.77
AV	5.15G	49.97	54.00	-4.03	43.96	3	Horizontal	243	1.88	-	34.05	6.73	34.77
PK	5.1838G	117.16	Inf	-Inf	111.12	3	Horizontal	243	1.88	-	34.08	6.76	34.80
AV	5.184G	108.04	Inf	-Inf	102.00	3	Horizontal	243	1.88	-	34.08	6.76	34.80

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

12/02/2020



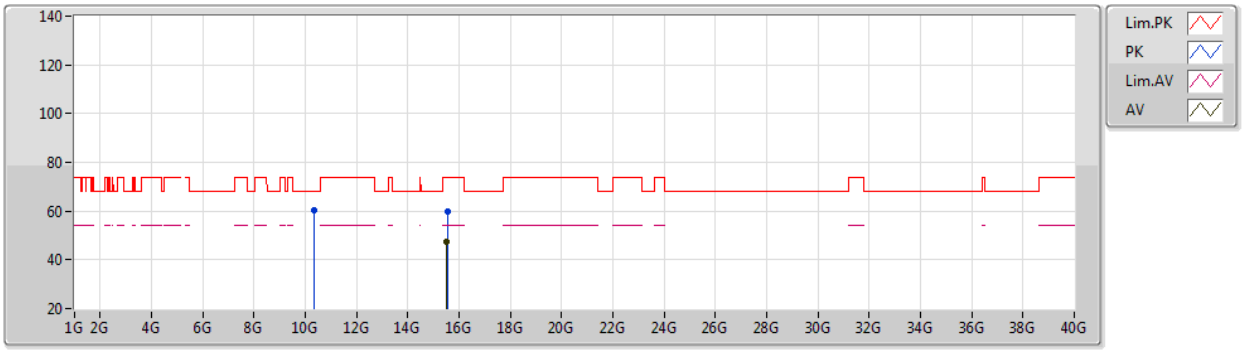
EUT Y_4TX
Setting 76
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3578G	59.93	68.20	-8.27	46.54	3	Vertical	48	1.68	-	38.37	10.00	34.98
PK	15.524G	60.55	74.00	-13.45	44.78	3	Vertical	154	2.25	-	38.93	11.62	34.78
AV	15.5156G	47.18	54.00	-6.82	31.39	3	Vertical	154	2.25	-	38.95	11.61	34.77

802.11a_Nss1,(6Mbps)_4TX

5180MHz_TX

12/02/2020



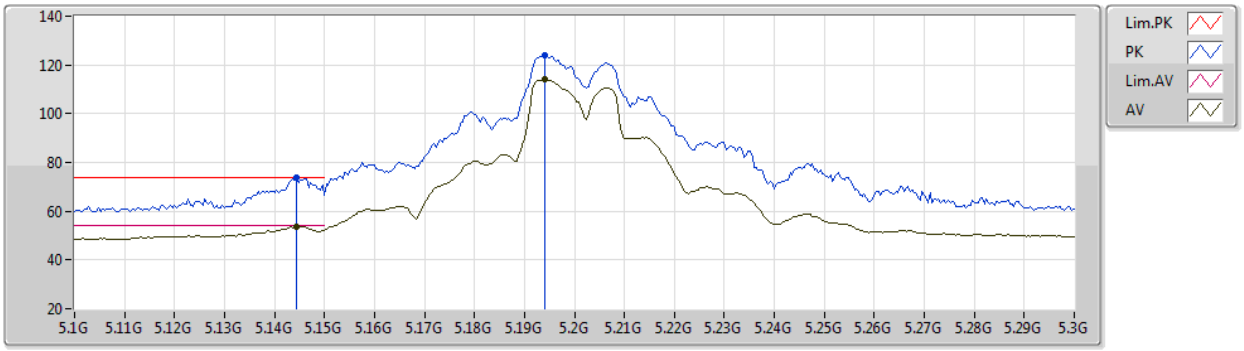
EUT Y_4TX
Setting 76
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3583G	60.29	68.20	-7.91	46.90	3	Horizontal	69	1.71	-	38.37	10.00	34.98
PK	15.5532G	59.93	74.00	-14.07	44.27	3	Horizontal	114	2.16	-	38.84	11.63	34.81
AV	15.5155G	47.24	54.00	-6.76	31.45	3	Horizontal	114	2.16	-	38.95	11.61	34.77

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

12/02/2020



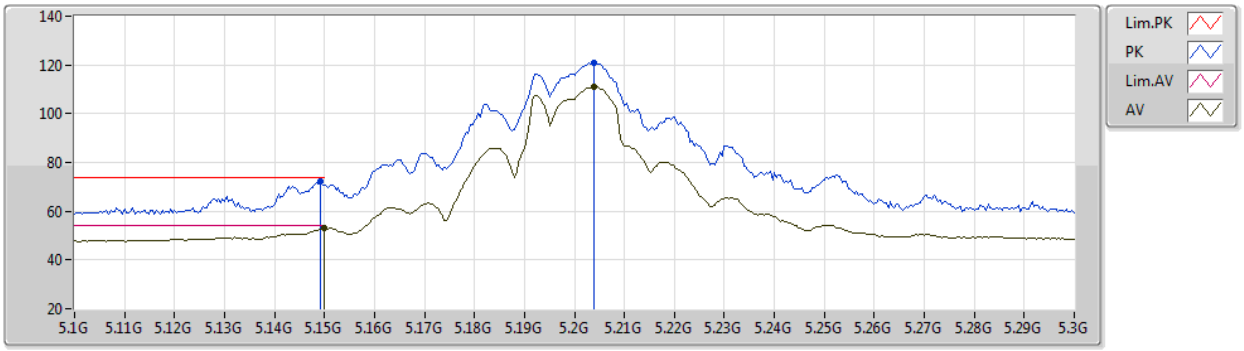
EUT Y_4TX
Setting 94
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1444G	73.84	74.00	-0.16	67.84	3	Vertical	180	2.10	-	34.04	6.73	34.77
AV	5.1444G	53.67	54.00	-0.33	47.67	3	Vertical	180	2.10	-	34.04	6.73	34.77
PK	5.194G	123.85	Inf	-Inf	117.80	3	Vertical	180	2.10	-	34.09	6.77	34.81
AV	5.194G	114.26	Inf	-Inf	108.21	3	Vertical	180	2.10	-	34.09	6.77	34.81

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

12/02/2020



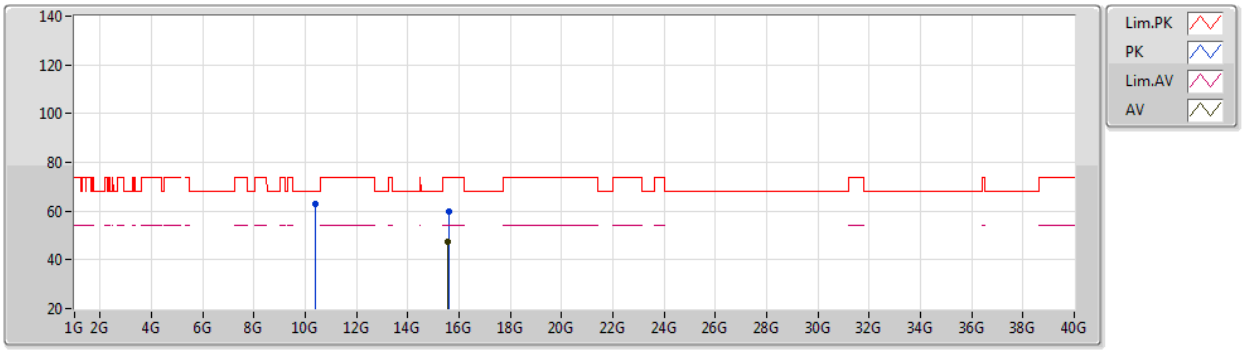
EUT Y_4TX
Setting 94
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1492G	72.01	74.00	-1.99	66.00	3	Horizontal	244	1.87	-	34.05	6.73	34.77
AV	5.15G	52.89	54.00	-1.11	46.88	3	Horizontal	244	1.87	-	34.05	6.73	34.77
PK	5.204G	120.93	Inf	-Inf	114.86	3	Horizontal	244	1.87	-	34.11	6.77	34.81
AV	5.204G	111.24	Inf	-Inf	105.17	3	Horizontal	244	1.87	-	34.11	6.77	34.81

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

12/02/2020



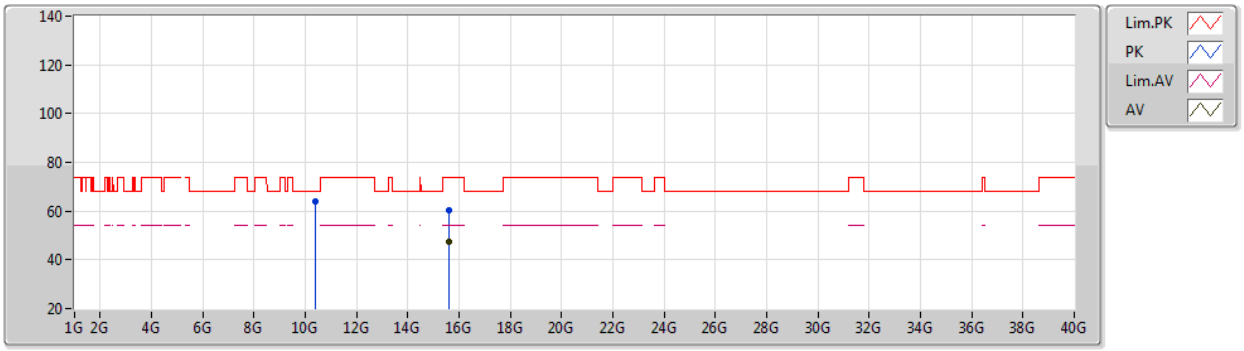
EUT Y_4TX
Setting 94
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3978G	62.96	68.20	-5.24	49.54	3	Vertical	45	1.71	-	38.38	10.00	34.96
PK	15.5971G	59.76	74.00	-14.24	44.26	3	Vertical	135	2.55	-	38.71	11.65	34.86
AV	15.5818G	47.42	54.00	-6.58	31.86	3	Vertical	135	2.55	-	38.75	11.65	34.84

802.11a_Nss1,(6Mbps)_4TX

5200MHz_TX

12/02/2020



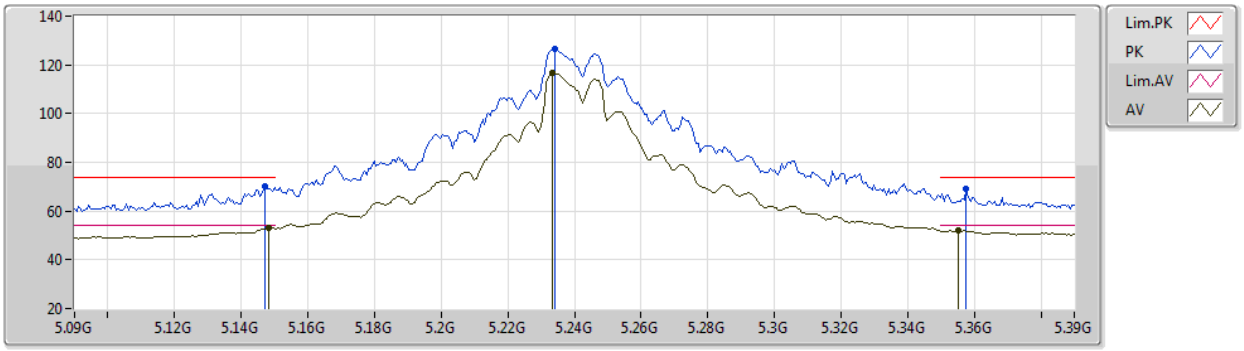
EUT Y_4TX
Setting 94
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.3977G	63.84	68.20	-4.36	50.42	3	Horizontal	72	1.61	-	38.38	10.00	34.96
PK	15.596G	60.34	74.00	-13.66	44.84	3	Horizontal	121	2.89	-	38.71	11.65	34.86
AV	15.6011G	47.62	54.00	-6.38	32.13	3	Horizontal	121	2.89	-	38.70	11.66	34.87

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

12/02/2020



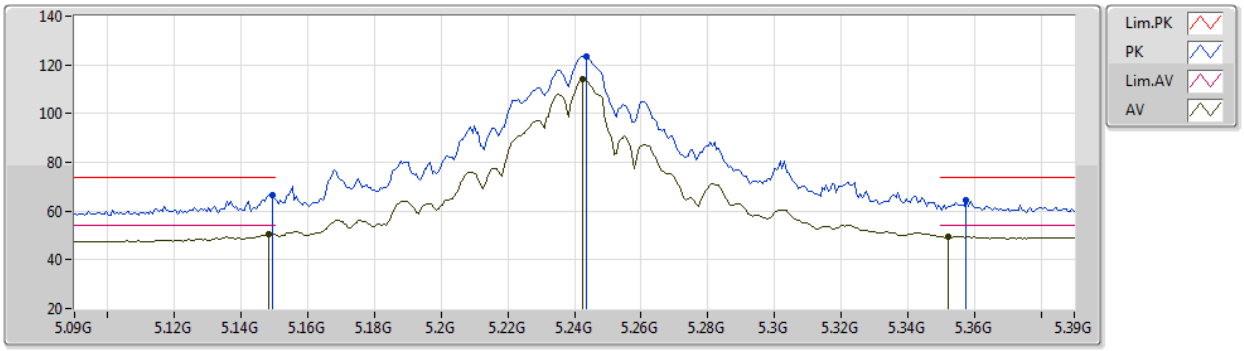
EUT Y_4TX
Setting 103
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.147G	70.02	74.00	-3.98	64.01	3	Vertical	179	1.97	-	34.05	6.73	34.77
AV	5.1482G	53.22	54.00	-0.78	47.21	3	Vertical	179	1.97	-	34.05	6.73	34.77
PK	5.234G	126.55	Inf	-Inf	120.41	3	Vertical	179	1.97	-	34.17	6.80	34.83
AV	5.2334G	116.59	Inf	-Inf	110.45	3	Vertical	179	1.97	-	34.17	6.80	34.83
PK	5.3576G	69.02	74.00	-4.98	62.68	3	Vertical	179	1.97	-	34.36	6.90	34.92
AV	5.3552G	52.04	54.00	-1.96	45.70	3	Vertical	179	1.97	-	34.36	6.90	34.92

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

12/02/2020



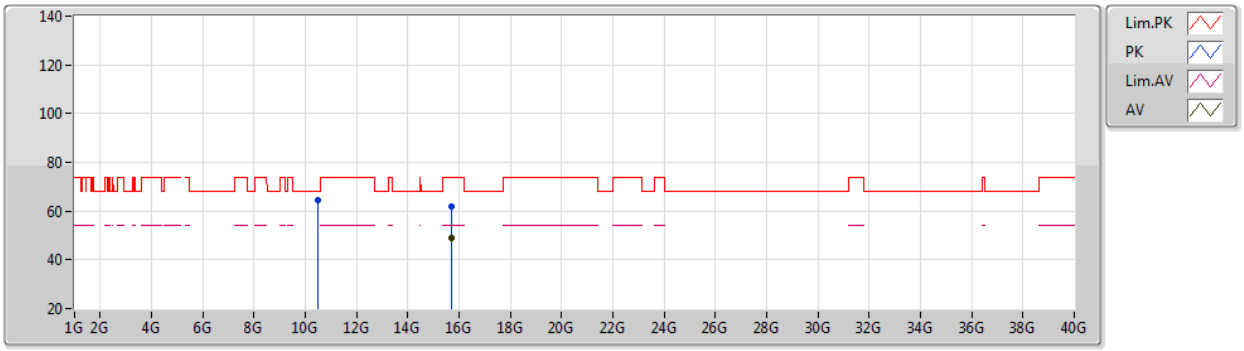
EUT Y_4TX
Setting 103
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	66.67	74.00	-7.33	60.66	3	Horizontal	273	1.82	-	34.05	6.73	34.77
AV	5.1482G	50.49	54.00	-3.51	44.48	3	Horizontal	273	1.82	-	34.05	6.73	34.77
PK	5.2436G	123.34	Inf	-Inf	117.18	3	Horizontal	273	1.82	-	34.19	6.81	34.84
AV	5.2424G	113.98	Inf	-Inf	107.83	3	Horizontal	273	1.82	-	34.18	6.81	34.84
PK	5.3576G	64.40	74.00	-9.60	58.06	3	Horizontal	273	1.82	-	34.36	6.90	34.92
AV	5.3522G	49.54	54.00	-4.46	43.21	3	Horizontal	273	1.82	-	34.35	6.90	34.92

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

12/02/2020



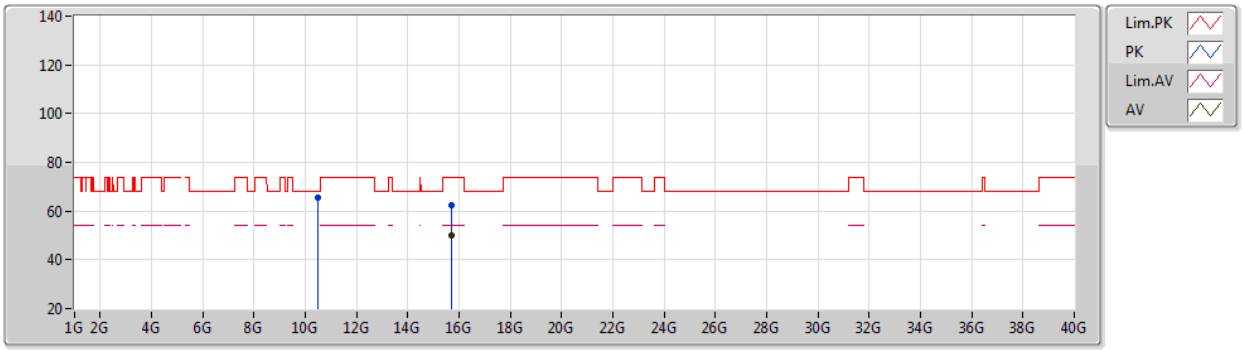
EUT Y_4TX
Setting 103
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4775G	64.71	68.20	-3.49	51.20	3	Vertical	50	1.70	-	38.40	10.02	34.91
PK	15.7127G	61.74	74.00	-12.26	46.66	3	Vertical	63	1.93	-	38.36	11.71	34.99
AV	15.7114G	48.88	54.00	-5.12	33.79	3	Vertical	63	1.93	-	38.37	11.71	34.99

802.11a_Nss1,(6Mbps)_4TX

5240MHz_TX

12/02/2020



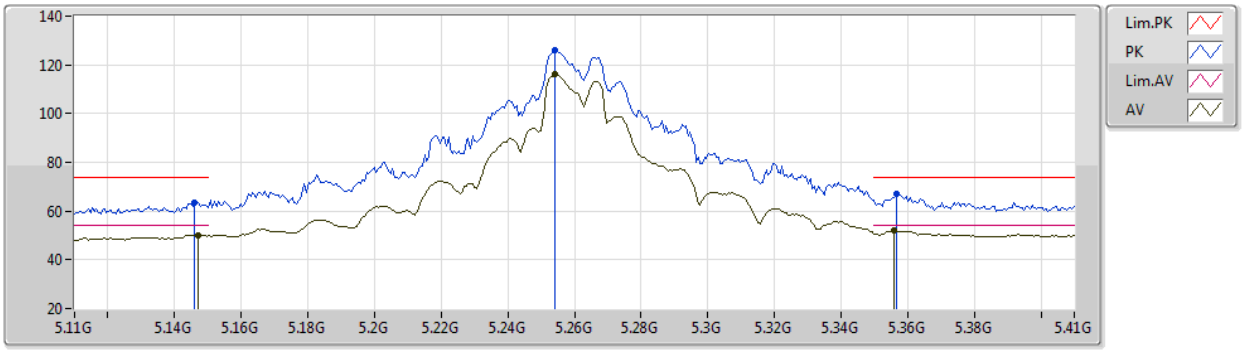
EUT Y_4TX
Setting 103
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.4777G	65.70	68.20	-2.50	52.19	3	Horizontal	70	1.65	-	38.40	10.02	34.91
PK	15.7184G	62.16	74.00	-11.84	47.09	3	Horizontal	63	1.64	-	38.34	11.72	34.99
AV	15.7181G	49.86	54.00	-4.14	34.78	3	Horizontal	63	1.64	-	38.35	11.72	34.99

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

12/02/2020



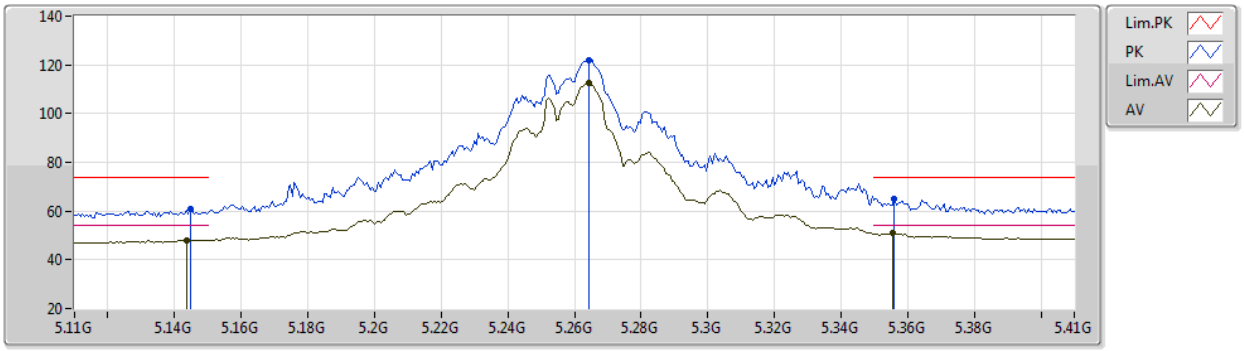
EUT Y_4TX
Setting 103
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.146G	63.64	74.00	-10.36	57.63	3	Vertical	170	2.13	-	34.05	6.73	34.77
AV	5.1472G	50.16	54.00	-3.84	44.15	3	Vertical	170	2.13	-	34.05	6.73	34.77
PK	5.254G	125.97	Inf	-Inf	119.79	3	Vertical	170	2.13	-	34.21	6.82	34.85
AV	5.254G	116.05	Inf	-Inf	109.87	3	Vertical	170	2.13	-	34.21	6.82	34.85
PK	5.3566G	67.30	74.00	-6.70	60.96	3	Vertical	170	2.13	-	34.36	6.90	34.92
AV	5.356G	52.28	54.00	-1.72	45.94	3	Vertical	170	2.13	-	34.36	6.90	34.92

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

12/02/2020



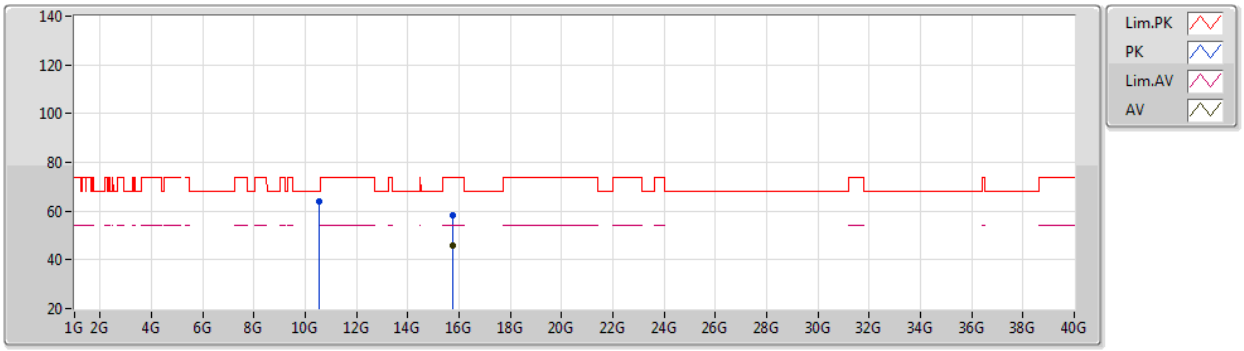
EUT Y_4TX
Setting 103
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1448G	60.87	74.00	-13.13	54.87	3	Horizontal	289	2.04	-	34.04	6.73	34.77
AV	5.1436G	48.12	54.00	-5.88	42.12	3	Horizontal	289	2.04	-	34.04	6.73	34.77
PK	5.2642G	121.79	Inf	-Inf	115.58	3	Horizontal	289	2.04	-	34.23	6.83	34.85
AV	5.2642G	112.41	Inf	-Inf	106.20	3	Horizontal	289	2.04	-	34.23	6.83	34.85
PK	5.356G	64.91	74.00	-9.09	58.57	3	Horizontal	289	2.04	-	34.36	6.90	34.92
AV	5.3554G	51.07	54.00	-2.93	44.73	3	Horizontal	289	2.04	-	34.36	6.90	34.92

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

12/02/2020



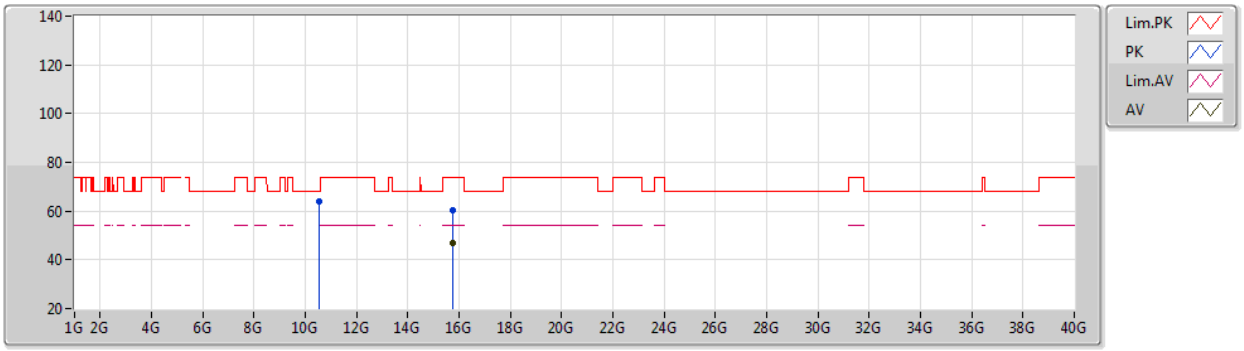
EUT Y_4TX
Setting 103
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5177G	64.11	68.20	-4.09	50.57	3	Vertical	49	1.71	-	38.40	10.02	34.88
PK	15.7756G	58.48	74.00	-15.52	43.62	3	Vertical	286	2.52	-	38.17	11.75	35.06
AV	15.7752G	45.91	54.00	-8.09	31.04	3	Vertical	286	2.52	-	38.17	11.75	35.05

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

12/02/2020



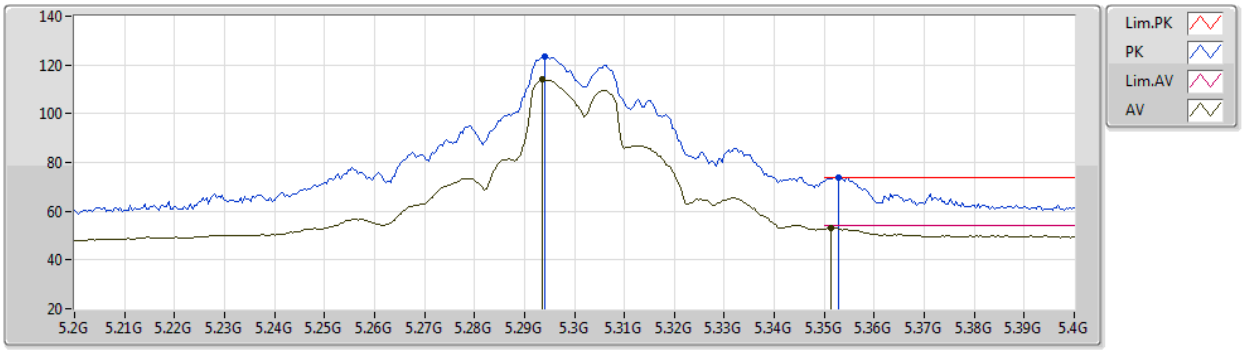
EUT Y_4TX
Setting 103
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5178G	64.21	68.20	-3.99	50.67	3	Horizontal	68	1.64	-	38.40	10.02	34.88
PK	15.7766G	60.24	74.00	-13.76	45.38	3	Horizontal	303	2.74	-	38.17	11.75	35.06
AV	15.7778G	47.07	54.00	-6.93	32.21	3	Horizontal	303	2.74	-	38.17	11.75	35.06

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

12/02/2020



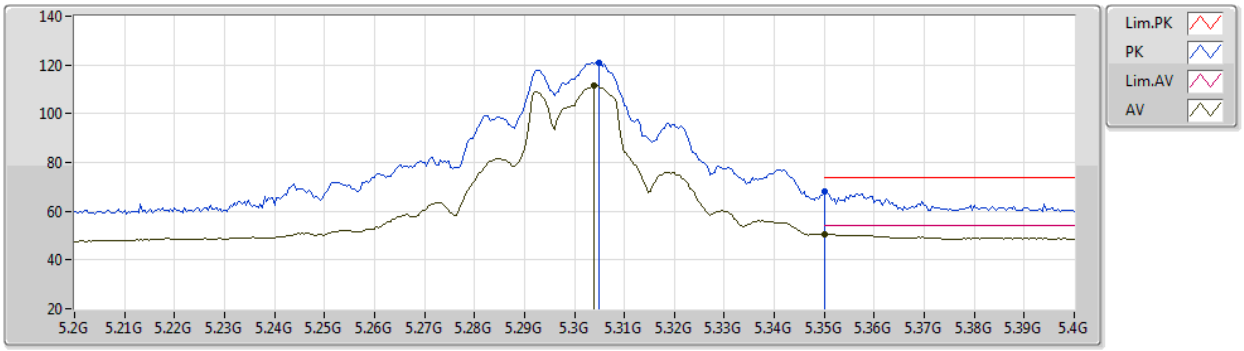
EUT Y_4TX
Setting 94
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.294G	123.61	Inf	-Inf	117.35	3	Vertical	191	2.04	-	34.29	6.85	34.88
AV	5.2936G	113.93	Inf	-Inf	107.67	3	Vertical	191	2.04	-	34.29	6.85	34.88
PK	5.3528G	73.87	74.00	-0.13	67.54	3	Vertical	191	2.04	-	34.35	6.90	34.92
AV	5.3512G	53.07	54.00	-0.93	46.74	3	Vertical	191	2.04	-	34.35	6.90	34.92

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

12/02/2020



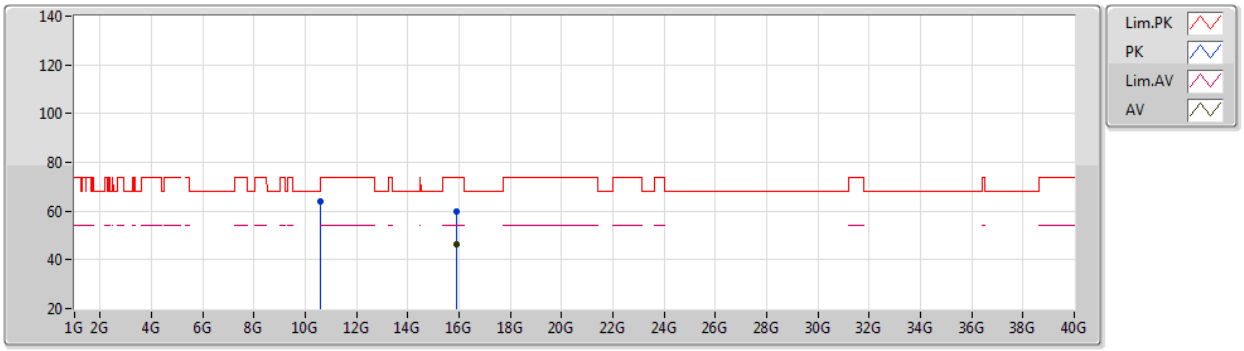
EUT Y_4TX
Setting 94
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3048G	120.94	Inf	-Inf	114.66	3	Horizontal	241	1.80	-	34.30	6.86	34.88
AV	5.304G	111.60	Inf	-Inf	105.32	3	Horizontal	241	1.80	-	34.30	6.86	34.88
PK	5.35G	68.06	74.00	-5.94	61.73	3	Horizontal	241	1.80	-	34.35	6.90	34.92
AV	5.35G	50.66	54.00	-3.34	44.33	3	Horizontal	241	1.80	-	34.35	6.90	34.92

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

12/02/2020



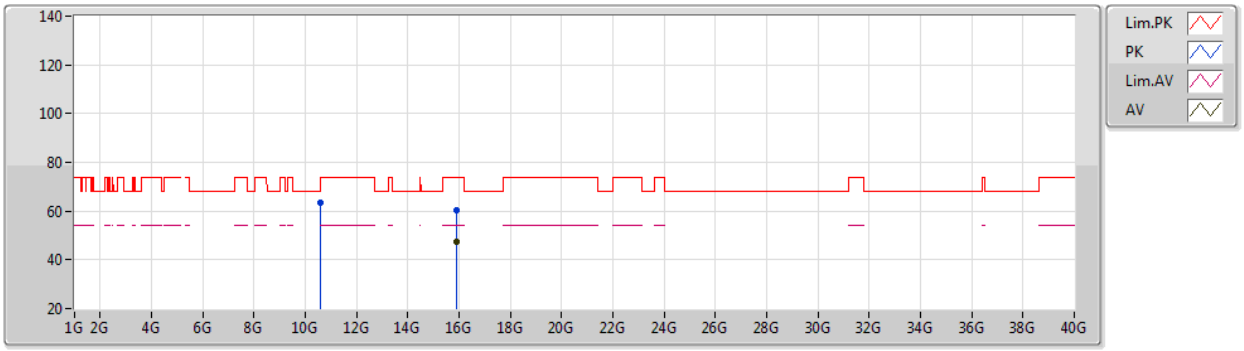
EUT Y_4TX
Setting 94
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5979G	63.92	68.20	-4.28	50.30	3	Vertical	48	1.70	-	38.42	10.04	34.84
PK	15.9049G	59.61	74.00	-14.39	45.21	3	Vertical	320	2.86	-	37.79	11.81	35.20
AV	15.909G	46.49	54.00	-7.51	32.11	3	Vertical	320	2.86	-	37.77	11.81	35.20

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

12/02/2020



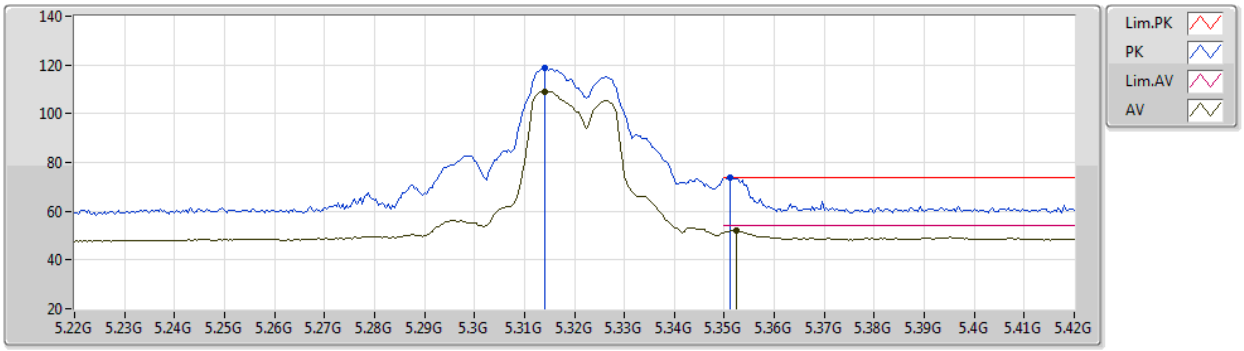
EUT Y_4TX
Setting 94
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.5969G	63.29	68.20	-4.91	49.67	3	Horizontal	72	1.70	-	38.42	10.04	34.84
PK	15.8987G	60.46	74.00	-13.54	46.04	3	Horizontal	267	1.96	-	37.80	11.81	35.19
AV	15.8981G	47.38	54.00	-6.62	32.95	3	Horizontal	267	1.96	-	37.81	11.81	35.19

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

12/02/2020



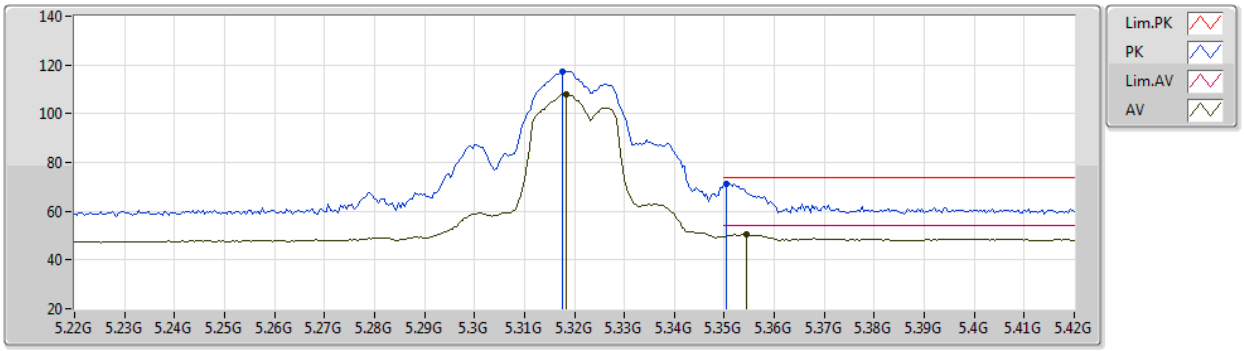
EUT Y_4TX
Setting 78
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.314G	118.76	Inf	-Inf	112.47	3	Vertical	192	2.04	-	34.31	6.87	34.89
AV	5.314G	109.17	Inf	-Inf	102.88	3	Vertical	192	2.04	-	34.31	6.87	34.89
PK	5.3512G	73.84	74.00	-0.16	67.51	3	Vertical	192	2.04	-	34.35	6.90	34.92
AV	5.3524G	52.24	54.00	-1.76	45.91	3	Vertical	192	2.04	-	34.35	6.90	34.92

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

12/02/2020



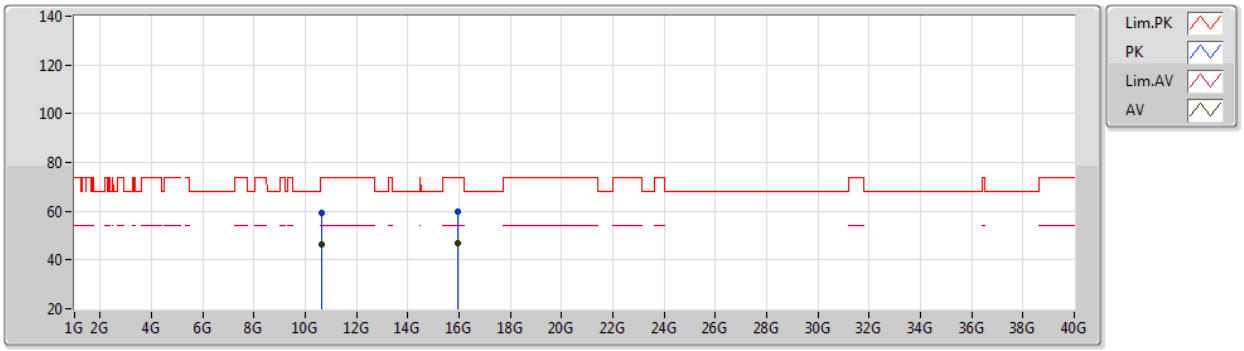
EUT Y_4TX
Setting 78
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3176G	117.30	Inf	-Inf	111.00	3	Horizontal	195	1.58	-	34.32	6.87	34.89
AV	5.3184G	107.86	Inf	-Inf	101.56	3	Horizontal	195	1.58	-	34.32	6.87	34.89
PK	5.3504G	71.19	74.00	-2.81	64.86	3	Horizontal	195	1.58	-	34.35	6.90	34.92
AV	5.3544G	50.65	54.00	-3.35	44.32	3	Horizontal	195	1.58	-	34.35	6.90	34.92

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

12/02/2020



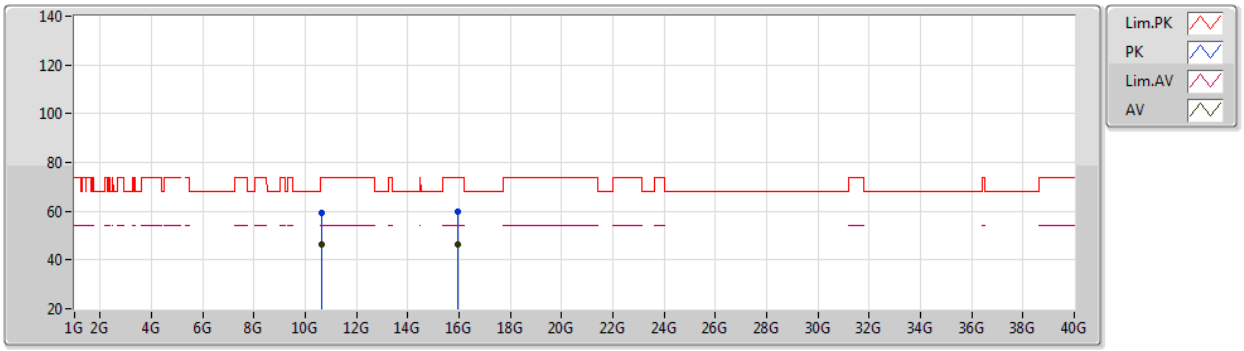
EUT Y_4TX
Setting 78
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6407G	59.29	74.00	-14.71	45.63	3	Vertical	236	1.75	-	38.43	10.04	34.81
AV	10.6426G	46.26	54.00	-7.74	32.60	3	Vertical	236	1.75	-	38.43	10.04	34.81
PK	15.9684G	60.04	74.00	-13.96	45.88	3	Vertical	196	2.67	-	37.59	11.84	35.27
AV	15.9728G	46.76	54.00	-7.24	32.60	3	Vertical	196	2.67	-	37.58	11.85	35.27

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

12/02/2020



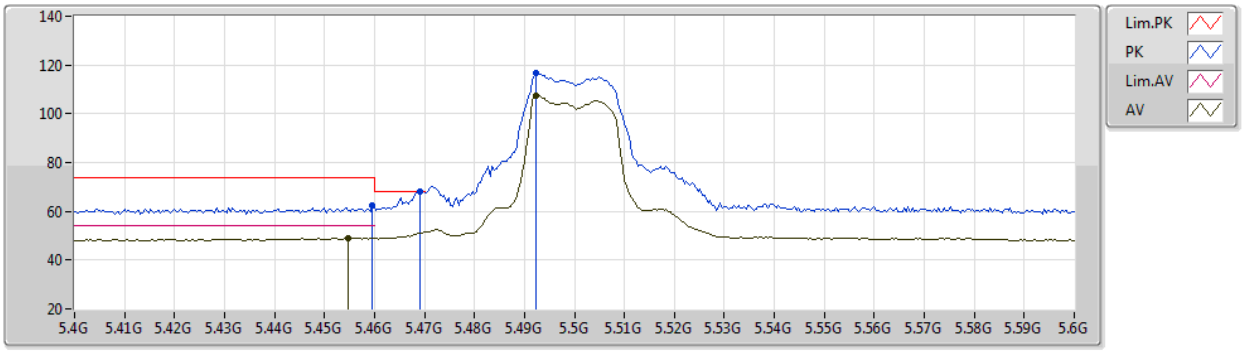
EUT Y_4TX
Setting 78
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6446G	59.29	74.00	-14.71	45.63	3	Horizontal	56	1.70	-	38.43	10.04	34.81
AV	10.6418G	46.24	54.00	-7.76	32.58	3	Horizontal	56	1.70	-	38.43	10.04	34.81
PK	15.9437G	59.61	74.00	-14.39	45.35	3	Horizontal	335	2.00	-	37.67	11.83	35.24
AV	15.9727G	46.59	54.00	-7.41	32.43	3	Horizontal	335	2.00	-	37.58	11.85	35.27

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

12/02/2020



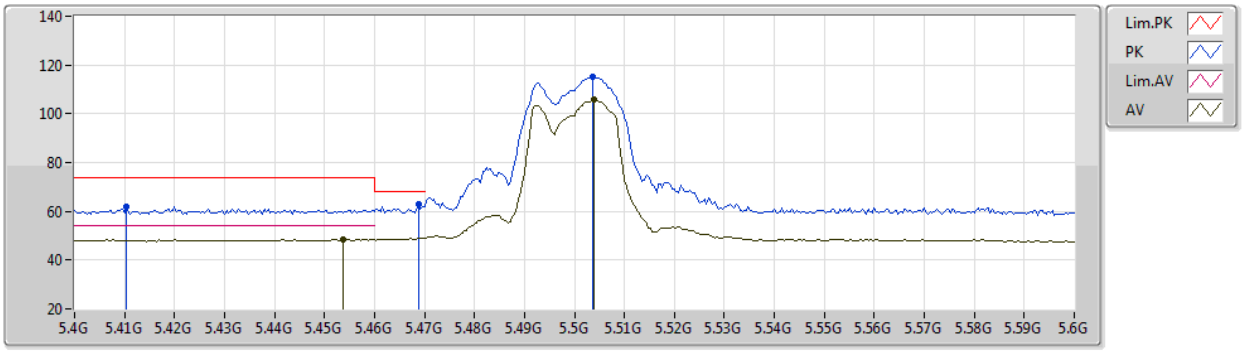
EUT Y_4TX
Setting 73
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4596G	62.37	74.00	-11.63	55.92	3	Vertical	357	1.80	-	34.46	6.98	34.99
AV	5.4548G	49.03	54.00	-4.97	42.59	3	Vertical	357	1.80	-	34.45	6.97	34.98
PK	5.4692G	68.13	68.20	-0.07	61.66	3	Vertical	357	1.80	-	34.47	6.99	34.99
PK	5.4924G	116.93	Inf	-Inf	110.45	3	Vertical	357	1.80	-	34.49	7.00	35.01
AV	5.4924G	107.50	Inf	-Inf	101.02	3	Vertical	357	1.80	-	34.49	7.00	35.01

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

12/02/2020



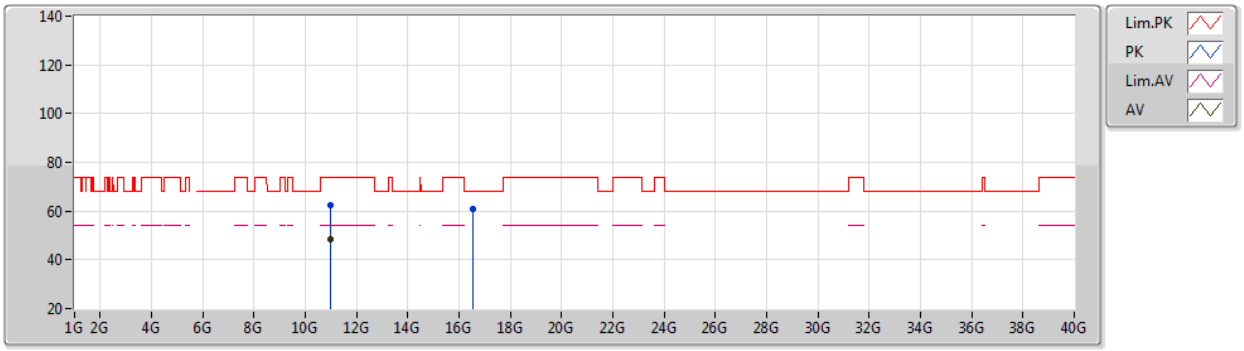
EUT Y_4TX
Setting 73
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4104G	61.99	74.00	-12.01	55.60	3	Horizontal	251	1.75	-	34.41	6.94	34.96
PK	5.4688G	62.90	68.20	-5.30	56.43	3	Horizontal	251	1.75	-	34.47	6.99	34.99
AV	5.4536G	48.69	54.00	-5.31	42.25	3	Horizontal	251	1.75	-	34.45	6.97	34.98
PK	5.5036G	115.10	Inf	-Inf	108.60	3	Horizontal	251	1.75	-	34.50	7.01	35.01
AV	5.504G	105.95	Inf	-Inf	99.45	3	Horizontal	251	1.75	-	34.50	7.01	35.01

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

12/02/2020



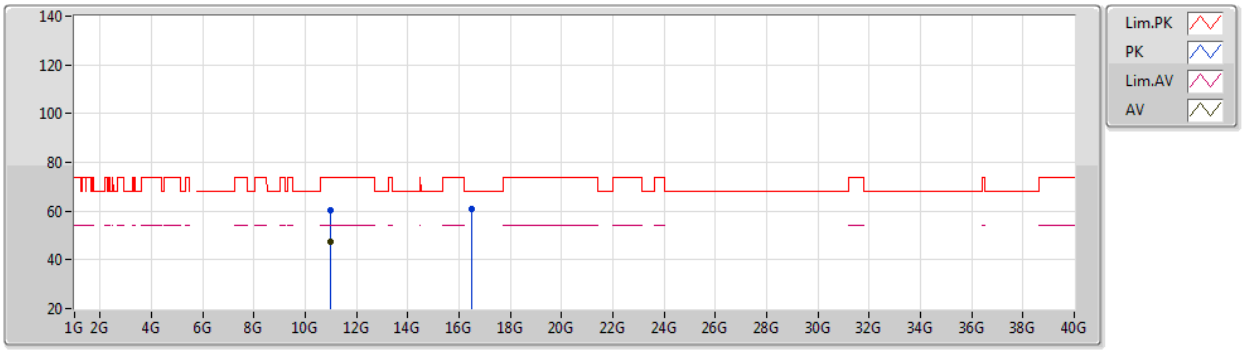
EUT Y_4TX
Setting 73
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0012G	62.33	74.00	-11.67	48.32	3	Vertical	46	1.63	-	38.50	10.10	34.59
AV	10.9984G	48.55	54.00	-5.45	34.54	3	Vertical	46	1.63	-	38.50	10.10	34.59
PK	16.5184G	60.75	68.20	-7.45	45.00	3	Vertical	236	2.43	-	38.74	11.94	34.93

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

12/02/2020



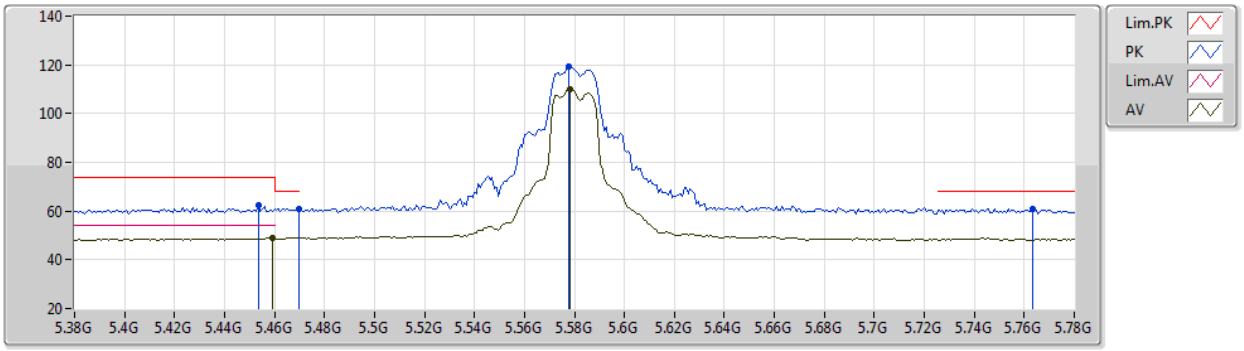
EUT Y_4TX
Setting 73
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0025G	60.31	74.00	-13.69	46.30	3	Horizontal	222	2.08	-	38.50	10.10	34.59
AV	11.0019G	47.32	54.00	-6.68	33.31	3	Horizontal	222	2.08	-	38.50	10.10	34.59
PK	16.5071G	61.00	68.20	-7.20	45.28	3	Horizontal	304	1.36	-	38.72	11.94	34.94

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

12/02/2020



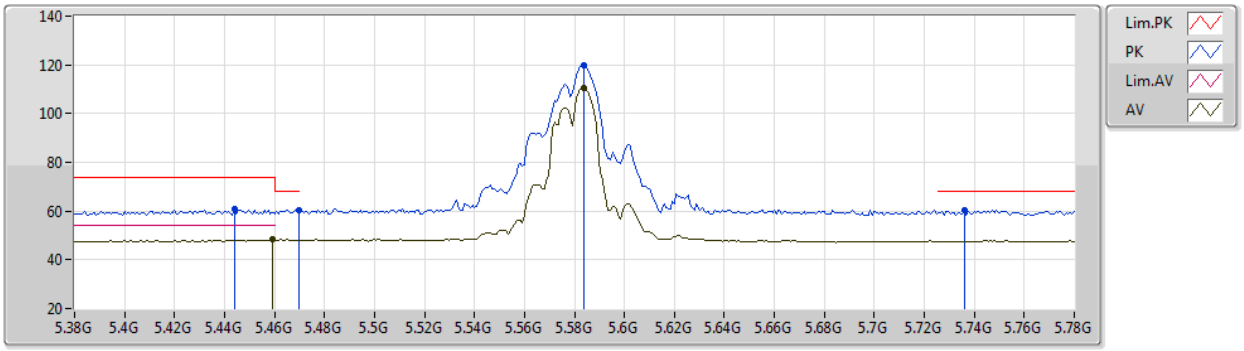
EUT Y_4TX
Setting 85
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4536G	62.65	74.00	-11.35	56.21	3	Vertical	5	1.80	-	34.45	6.97	34.98
AV	5.4592G	48.81	54.00	-5.19	42.36	3	Vertical	5	1.80	-	34.46	6.98	34.99
PK	5.4696G	61.04	68.20	-7.16	54.57	3	Vertical	5	1.80	-	34.47	6.99	34.99
PK	5.5776G	119.38	Inf	-Inf	112.93	3	Vertical	5	1.80	-	34.42	7.02	34.99
AV	5.5784G	110.07	Inf	-Inf	103.62	3	Vertical	5	1.80	-	34.42	7.02	34.99
PK	5.7632G	61.09	68.20	-7.11	54.69	3	Vertical	5	1.80	-	34.30	7.04	34.94

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

12/02/2020



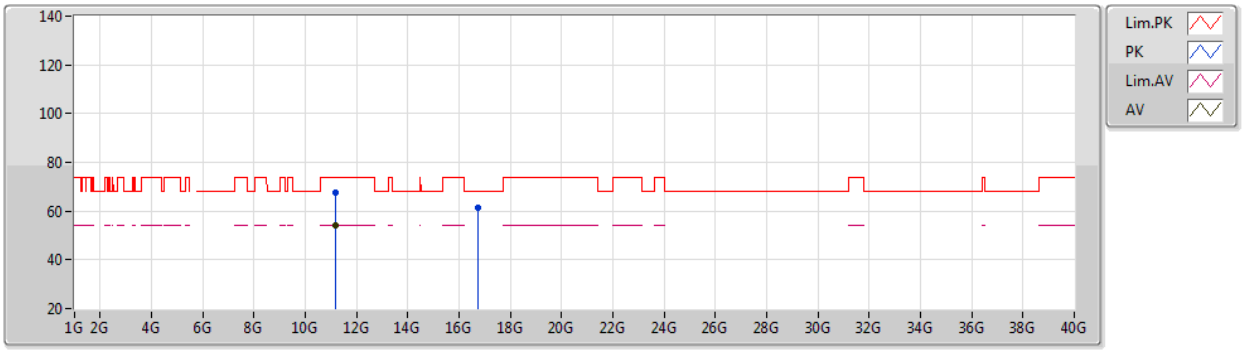
EUT Y_4TX
Setting 85
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.444G	60.88	74.00	-13.12	54.45	3	Horizontal	280	2.93	-	34.44	6.97	34.98
PK	5.4696G	60.46	68.20	-7.74	53.99	3	Horizontal	280	2.93	-	34.47	6.99	34.99
AV	5.4592G	48.25	54.00	-5.75	41.80	3	Horizontal	280	2.93	-	34.46	6.98	34.99
PK	5.584G	119.68	Inf	-Inf	113.22	3	Horizontal	280	2.93	-	34.42	7.02	34.98
AV	5.584G	110.47	Inf	-Inf	104.01	3	Horizontal	280	2.93	-	34.42	7.02	34.98
PK	5.736G	60.43	68.20	-7.77	54.04	3	Horizontal	280	2.93	-	34.30	7.03	34.94

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

12/02/2020



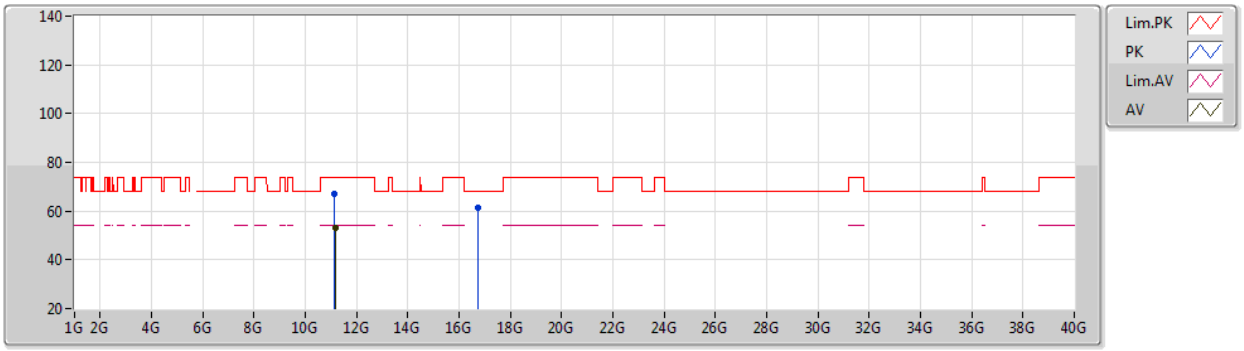
EUT Y_4TX
Setting 85
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1575G	67.75	74.00	-6.25	53.64	3	Vertical	43	1.66	-	38.61	10.12	34.62
AV	11.1589G	53.97	54.00	-0.03	39.86	3	Vertical	43	1.66	-	38.61	10.12	34.62
PK	16.7377G	61.13	68.20	-7.07	44.66	3	Vertical	120	1.28	-	39.27	11.98	34.78

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

12/02/2020



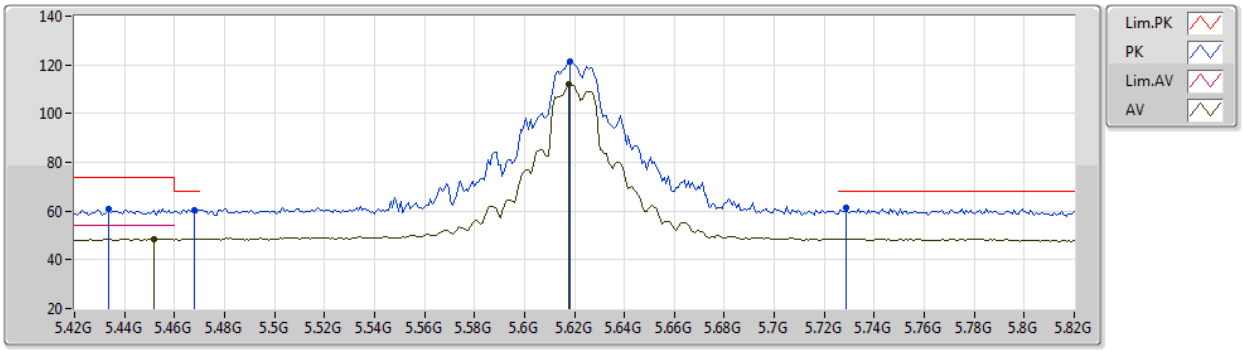
EUT Y_4TX
Setting 85
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.1538G	67.09	74.00	-6.91	52.98	3	Horizontal	242	2.08	-	38.61	10.12	34.62
AV	11.1559G	53.04	54.00	-0.96	38.93	3	Horizontal	242	2.08	-	38.61	10.12	34.62
PK	16.7203G	61.54	68.20	-6.66	45.12	3	Horizontal	354	1.26	-	39.23	11.98	34.79

802.11a_Nss1,(6Mbps)_4TX

5620MHz_TX

25/02/2020



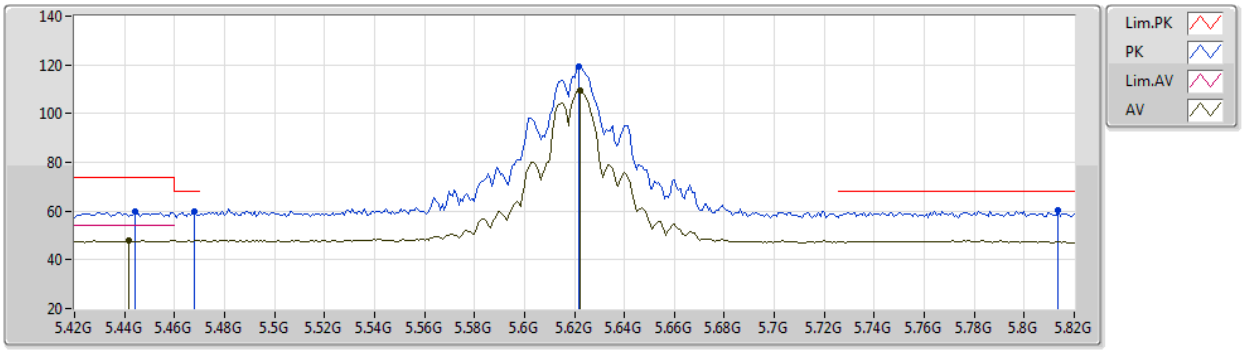
EUT Y_4TX
Setting 96
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4336G	61.10	74.00	-12.90	54.68	3	Vertical	6	1.90	-	34.43	6.96	34.97
PK	5.468G	60.54	68.20	-7.66	54.08	3	Vertical	6	1.90	-	34.47	6.98	34.99
AV	5.452G	48.59	54.00	-5.41	42.15	3	Vertical	6	1.90	-	34.45	6.97	34.98
PK	5.6184G	121.44	Inf	-Inf	115.01	3	Vertical	6	1.90	-	34.38	7.02	34.97
AV	5.6176G	111.85	Inf	-Inf	105.42	3	Vertical	6	1.90	-	34.38	7.02	34.97
PK	5.7288G	61.37	68.20	-6.83	54.98	3	Vertical	6	1.90	-	34.30	7.03	34.94

802.11a_Nss1,(6Mbps)_4TX

5620MHz_TX

25/02/2020



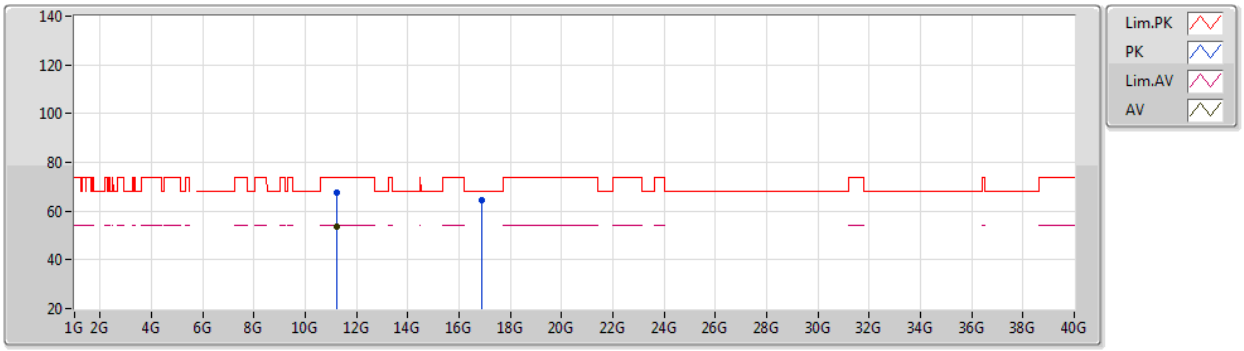
EUT Y_4TX
Setting 96
03-A-A-3-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.444G	59.91	74.00	-14.09	53.48	3	Horizontal	269	2.97	-	34.44	6.97	34.98
AV	5.4416G	47.85	54.00	-6.15	41.42	3	Horizontal	269	2.97	-	34.44	6.96	34.97
PK	5.468G	59.95	68.20	-8.25	53.49	3	Horizontal	269	2.97	-	34.47	6.98	34.99
PK	5.6216G	119.30	Inf	-Inf	112.87	3	Horizontal	269	2.97	-	34.38	7.02	34.97
AV	5.6224G	109.74	Inf	-Inf	103.31	3	Horizontal	269	2.97	-	34.38	7.02	34.97
PK	5.8136G	60.17	68.20	-8.03	53.73	3	Horizontal	269	2.97	-	34.33	7.04	34.93

802.11a_Nss1,(6Mbps)_4TX

5620MHz_TX

25/02/2020



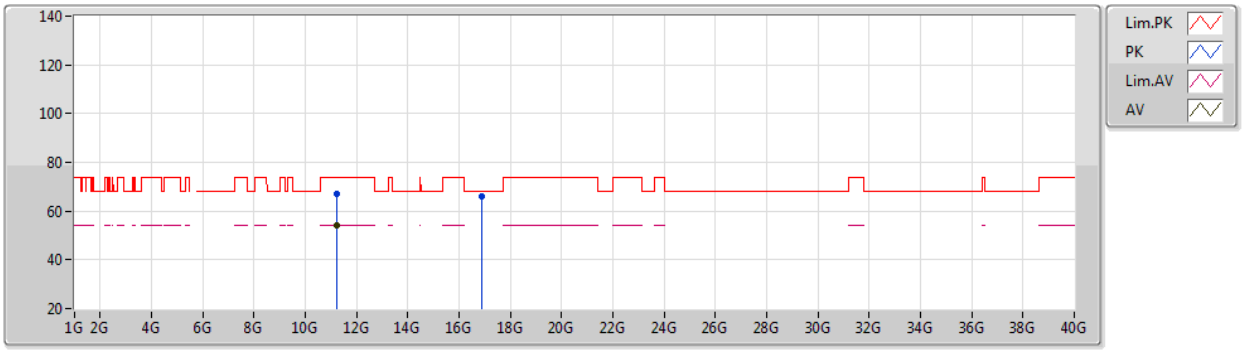
EUT Y_4TX
Setting 96
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.23754G	67.81	74.00	-6.19	53.64	3	Vertical	278	2.50	-	38.67	10.13	34.63
AV	11.23904G	53.63	54.00	-0.37	39.46	3	Vertical	278	2.50	-	38.67	10.13	34.63
PK	16.86768G	64.28	68.20	-3.92	47.38	3	Vertical	280	1.96	-	39.58	12.00	34.68

802.11a_Nss1,(6Mbps)_4TX

5620MHz_TX

25/02/2020



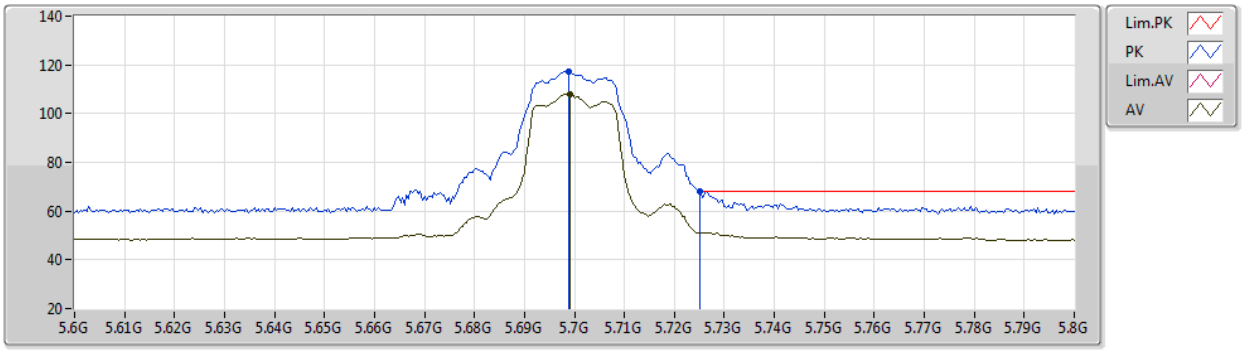
EUT Y_4TX
Setting 96
03-A-A-3

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.24084G	66.92	74.00	-7.08	52.75	3	Horizontal	272	2.13	-	38.67	10.13	34.63
AV	11.24132G	53.94	54.00	-0.06	39.77	3	Horizontal	272	2.13	-	38.67	10.13	34.63
PK	16.872G	66.03	68.20	-2.17	49.12	3	Horizontal	57	2.24	-	39.59	12.00	34.68

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

12/02/2020



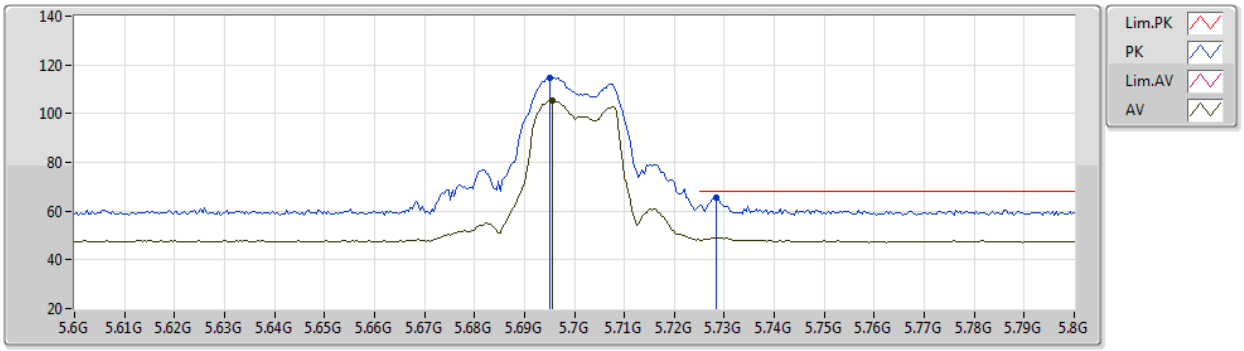
EUT Y_4TX
Setting 75
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6988G	117.34	Inf	-Inf	110.96	3	Vertical	7	1.80	-	34.30	7.03	34.95
AV	5.6992G	107.94	Inf	-Inf	101.56	3	Vertical	7	1.80	-	34.30	7.03	34.95
PK	5.7252G	68.02	68.20	-0.18	61.63	3	Vertical	7	1.80	-	34.30	7.03	34.94

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

12/02/2020



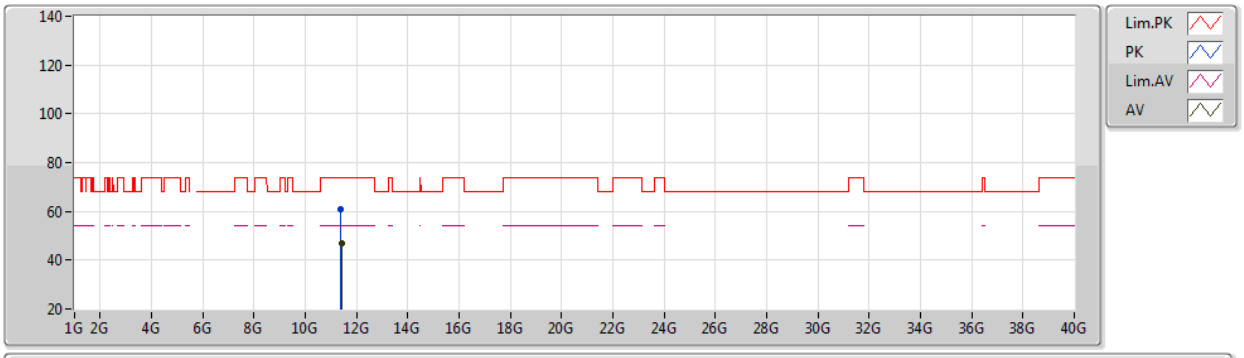
EUT Y_4TX
Setting 75
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6952G	114.84	Inf	-Inf	108.46	3	Horizontal	127	1.90	-	34.30	7.03	34.95
AV	5.6956G	105.49	Inf	-Inf	99.11	3	Horizontal	127	1.90	-	34.30	7.03	34.95
PK	5.7284G	65.65	68.20	-2.55	59.26	3	Horizontal	127	1.90	-	34.30	7.03	34.94

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

12/02/2020



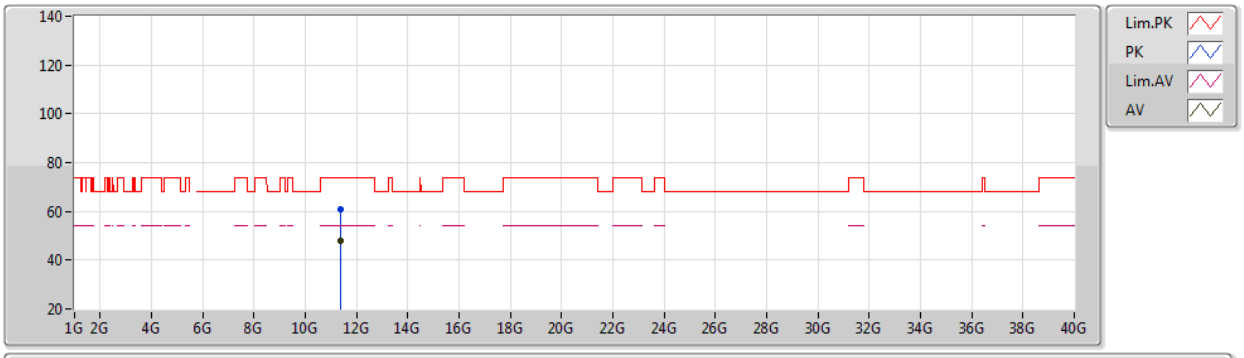
EUT Y_4TX
Setting 75
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3937G	61.08	74.00	-12.92	46.81	3	Vertical	230	2.09	-	38.78	10.15	34.66
AV	11.4018G	47.13	54.00	-6.87	32.86	3	Vertical	230	2.09	-	38.78	10.15	34.66

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

12/02/2020



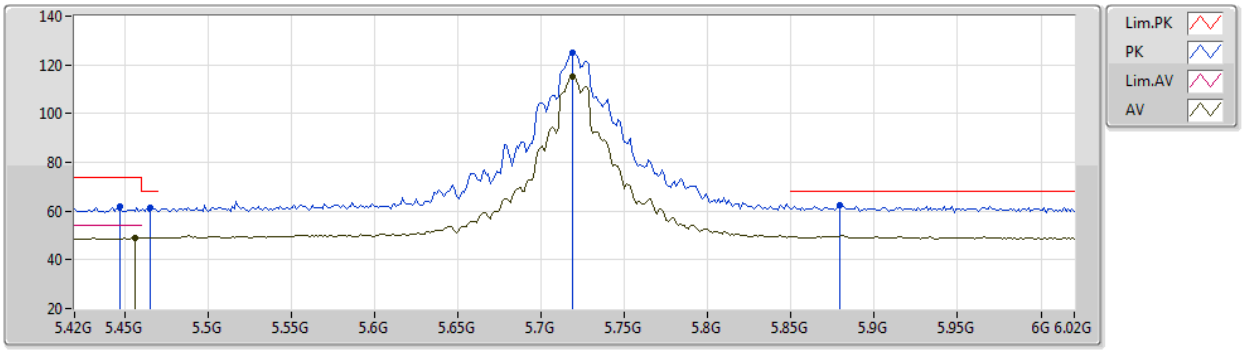
EUT Y_4TX
Setting 75
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.3978G	60.96	74.00	-13.04	46.69	3	Horizontal	255	1.72	-	38.78	10.15	34.66
AV	11.399G	47.81	54.00	-6.19	33.54	3	Horizontal	255	1.72	-	38.78	10.15	34.66

802.11a_Nss1,(6Mbps)_4TX

12/02/2020

5720MHz Straddle 5.47-5.725GHz_TX



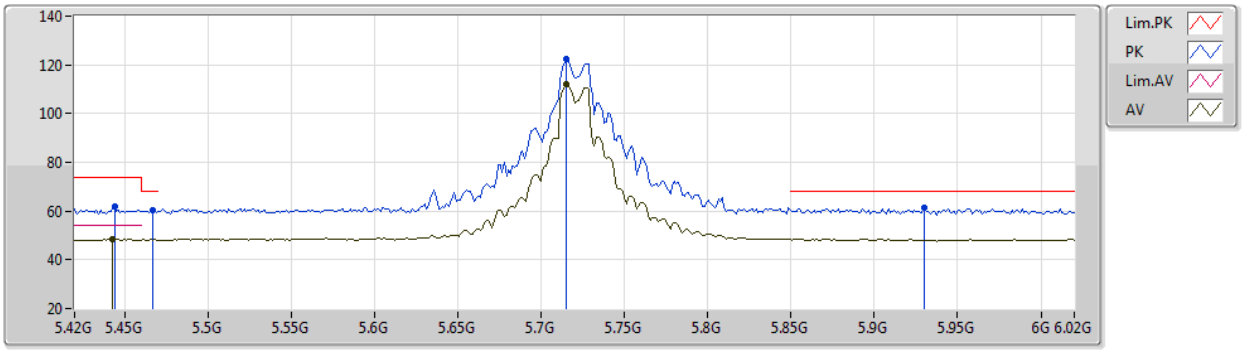
EUT Y_4TX
Setting 103
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4476G	61.98	74.00	-12.02	55.54	3	Vertical	6	1.80	-	34.45	6.97	34.98
AV	5.456G	48.97	54.00	-5.03	42.52	3	Vertical	6	1.80	-	34.46	6.97	34.98
PK	5.4656G	61.22	68.20	-6.98	54.76	3	Vertical	6	1.80	-	34.47	6.98	34.99
PK	5.7188G	125.13	Inf	-Inf	118.75	3	Vertical	6	1.80	-	34.30	7.03	34.95
AV	5.7188G	115.29	Inf	-Inf	108.91	3	Vertical	6	1.80	-	34.30	7.03	34.95
PK	5.8796G	62.49	68.20	-5.71	55.89	3	Vertical	6	1.80	-	34.46	7.05	34.91

802.11a_Nss1,(6Mbps)_4TX

12/02/2020

5720MHz Straddle 5.47-5.725GHz_TX



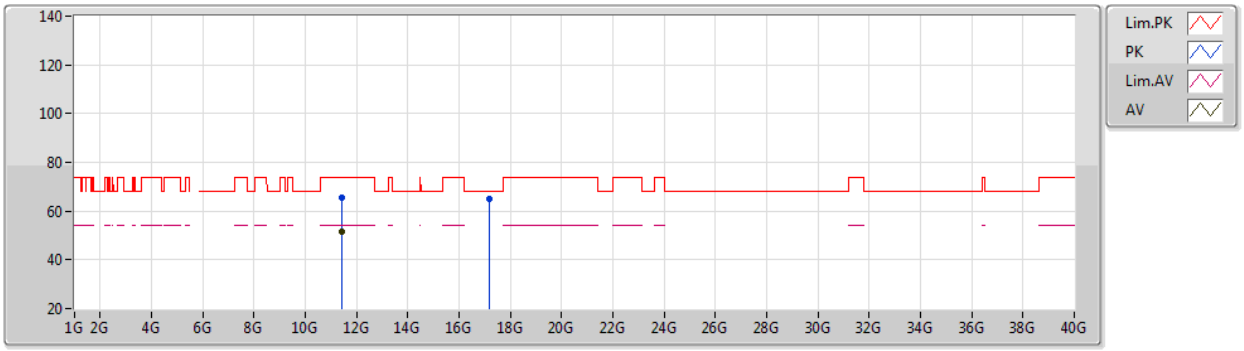
EUT Y_4TX
Setting 103
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.444G	61.67	74.00	-12.33	55.24	3	Horizontal	129	1.80	-	34.44	6.97	34.98
AV	5.4428G	48.48	54.00	-5.52	42.06	3	Horizontal	129	1.80	-	34.44	6.96	34.98
PK	5.4668G	60.49	68.20	-7.71	54.03	3	Horizontal	129	1.80	-	34.47	6.98	34.99
PK	5.7152G	122.26	Inf	-Inf	115.88	3	Horizontal	129	1.80	-	34.30	7.03	34.95
AV	5.7152G	112.08	Inf	-Inf	105.70	3	Horizontal	129	1.80	-	34.30	7.03	34.95
PK	5.93G	61.58	68.20	-6.62	54.83	3	Horizontal	129	1.80	-	34.59	7.05	34.89

802.11a_Nss1,(6Mbps)_4TX

12/02/2020

5720MHz Straddle 5.47-5.725GHz_TX



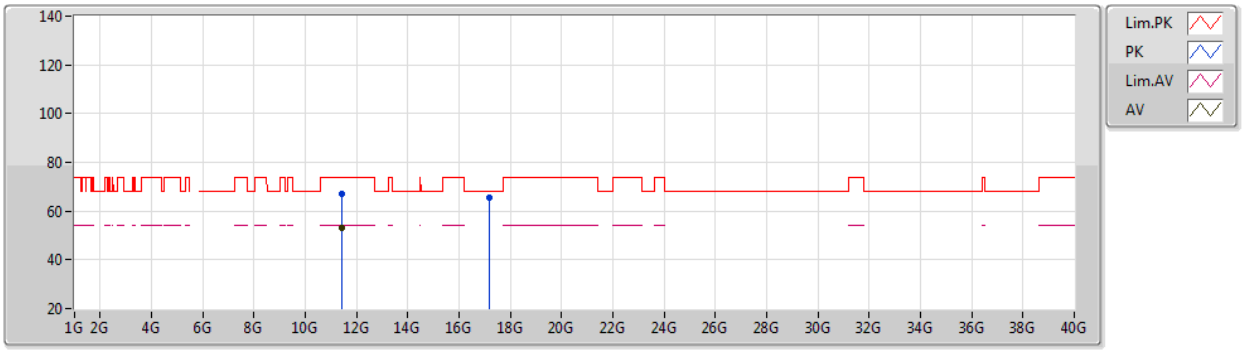
EUT Y_4TX
Setting 103
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4375G	65.72	74.00	-8.28	51.42	3	Vertical	230	1.62	-	38.81	10.16	34.67
AV	11.4424G	51.53	54.00	-2.47	37.23	3	Vertical	230	1.62	-	38.81	10.16	34.67
PK	17.1727G	65.09	68.20	-3.11	46.82	3	Vertical	271	1.60	-	40.78	12.07	34.58

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/02/2020



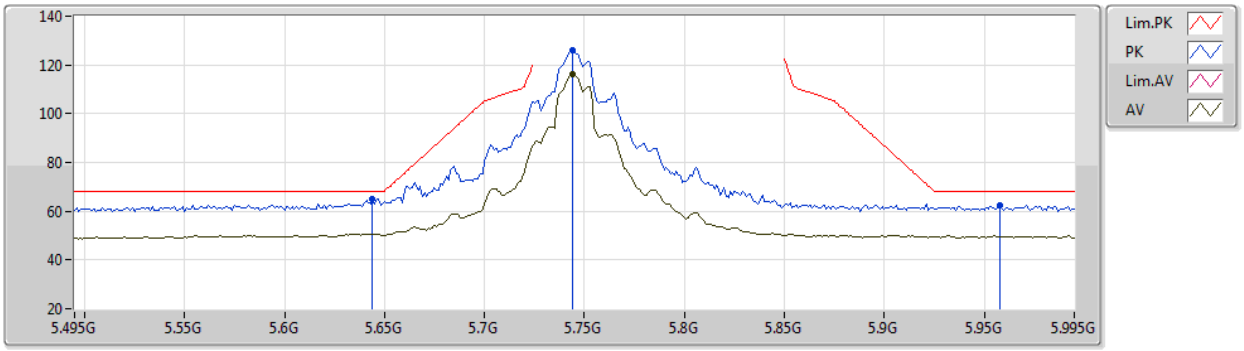
EUT Y_4TX
Setting 103
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4376G	67.27	74.00	-6.73	52.97	3	Horizontal	240	2.04	-	38.81	10.16	34.67
AV	11.4367G	53.14	54.00	-0.86	38.84	3	Horizontal	240	2.04	-	38.81	10.16	34.67
PK	17.1626G	65.59	68.20	-2.61	47.37	3	Horizontal	331	2.86	-	40.73	12.07	34.58

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

12/02/2020



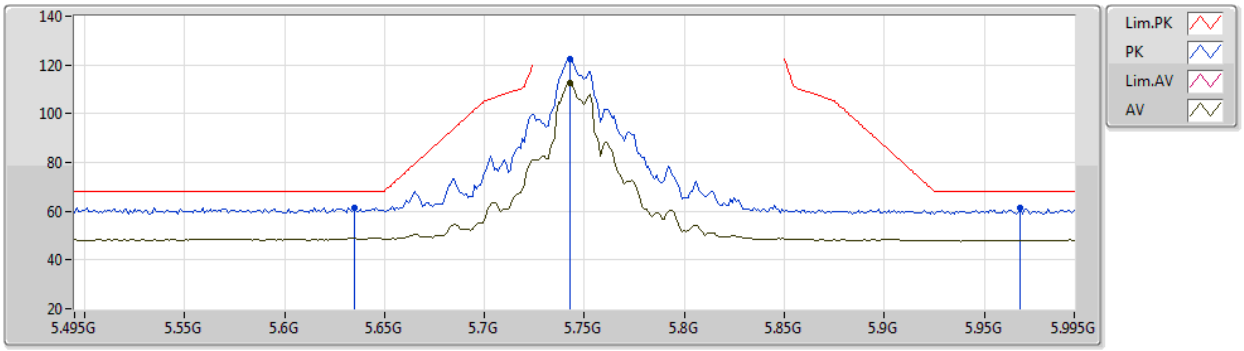
EUT Y_4TX
Setting 103
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	64.95	68.20	-3.25	58.54	3	Vertical	8	1.80	-	34.36	7.02	34.97
PK	5.744G	125.91	Inf	-Inf	119.52	3	Vertical	8	1.80	-	34.30	7.03	34.94
AV	5.744G	116.12	Inf	-Inf	109.73	3	Vertical	8	1.80	-	34.30	7.03	34.94
PK	5.958G	62.56	68.20	-5.64	55.71	3	Vertical	8	1.80	-	34.67	7.06	34.88

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

12/02/2020



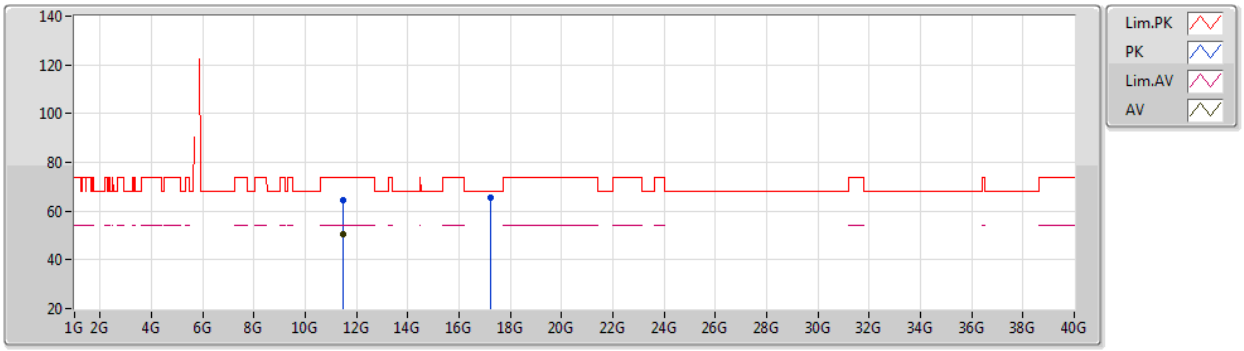
EUT Y_4TX
Setting 103
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.635G	61.59	68.20	-6.61	55.18	3	Horizontal	119	1.80	-	34.36	7.02	34.97
PK	5.743G	122.24	Inf	-Inf	115.85	3	Horizontal	119	1.80	-	34.30	7.03	34.94
AV	5.743G	112.36	Inf	-Inf	105.97	3	Horizontal	119	1.80	-	34.30	7.03	34.94
PK	5.968G	61.22	68.20	-6.98	54.34	3	Horizontal	119	1.80	-	34.70	7.06	34.88

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

12/02/2020



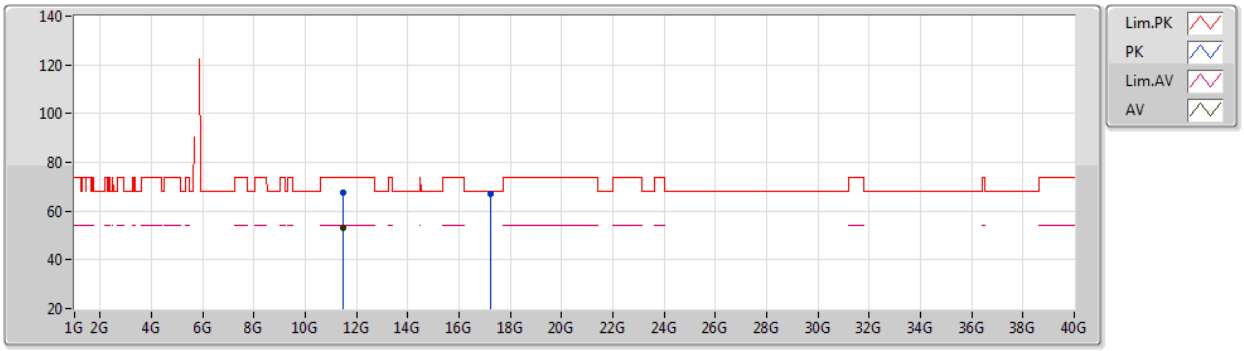
EUT Y_4TX
Setting 103
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4876G	64.67	74.00	-9.33	50.35	3	Vertical	230	2.43	-	38.84	10.16	34.68
AV	11.4859G	50.43	54.00	-3.57	36.11	3	Vertical	230	2.43	-	38.84	10.16	34.68
PK	17.2425G	65.31	68.20	-2.89	46.66	3	Vertical	280	2.43	-	41.14	12.09	34.58

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

12/02/2020



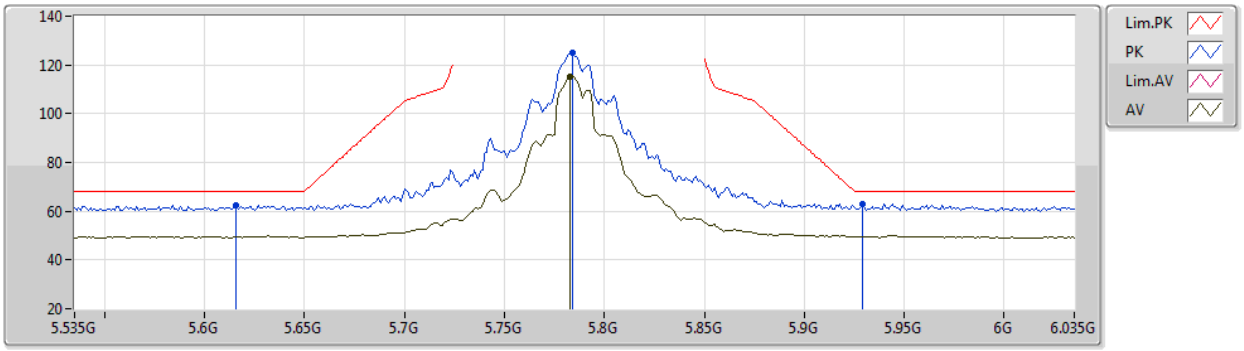
EUT Y_4TX
Setting 103
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.4874G	67.44	74.00	-6.56	53.12	3	Horizontal	228	2.06	-	38.84	10.16	34.68
AV	11.4867G	53.11	54.00	-0.89	38.79	3	Horizontal	228	2.06	-	38.84	10.16	34.68
PK	17.2407G	66.88	68.20	-1.32	48.24	3	Horizontal	322	2.28	-	41.13	12.09	34.58

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

12/02/2020



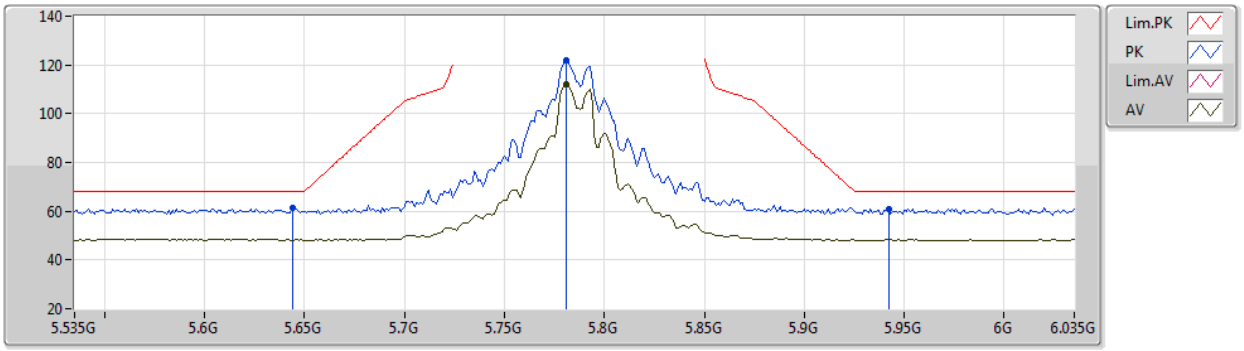
EUT Y_4TX
Setting 103
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.616G	62.67	68.20	-5.53	56.25	3	Vertical	8	1.80	-	34.38	7.02	34.98
PK	5.784G	124.90	Inf	-Inf	118.49	3	Vertical	8	1.80	-	34.30	7.04	34.93
AV	5.783G	115.36	Inf	-Inf	108.95	3	Vertical	8	1.80	-	34.30	7.04	34.93
PK	5.929G	62.98	68.20	-5.22	56.23	3	Vertical	8	1.80	-	34.59	7.05	34.89

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

12/02/2020



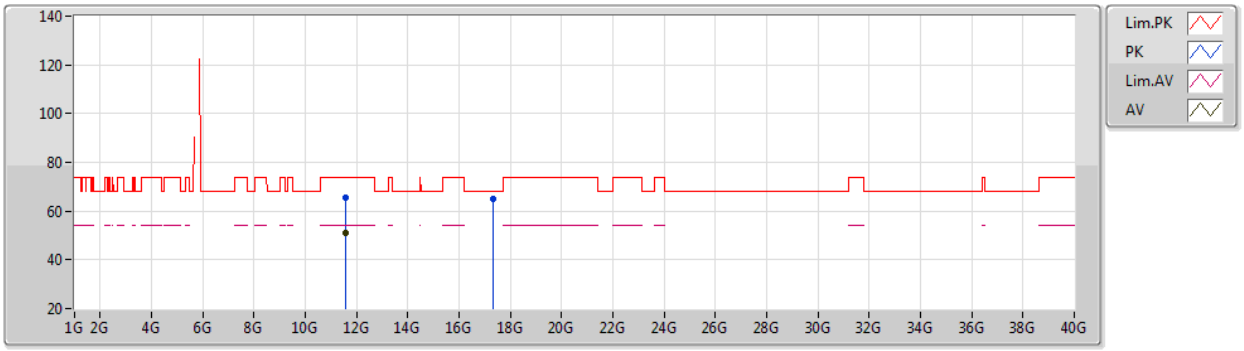
EUT Y_4TX
Setting 103
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	61.17	68.20	-7.03	54.76	3	Horizontal	126	1.84	-	34.36	7.02	34.97
PK	5.781G	121.92	Inf	-Inf	115.51	3	Horizontal	126	1.84	-	34.30	7.04	34.93
AV	5.781G	111.98	Inf	-Inf	105.57	3	Horizontal	126	1.84	-	34.30	7.04	34.93
PK	5.942G	60.89	68.20	-7.31	54.10	3	Horizontal	126	1.84	-	34.63	7.05	34.89

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

12/02/2020



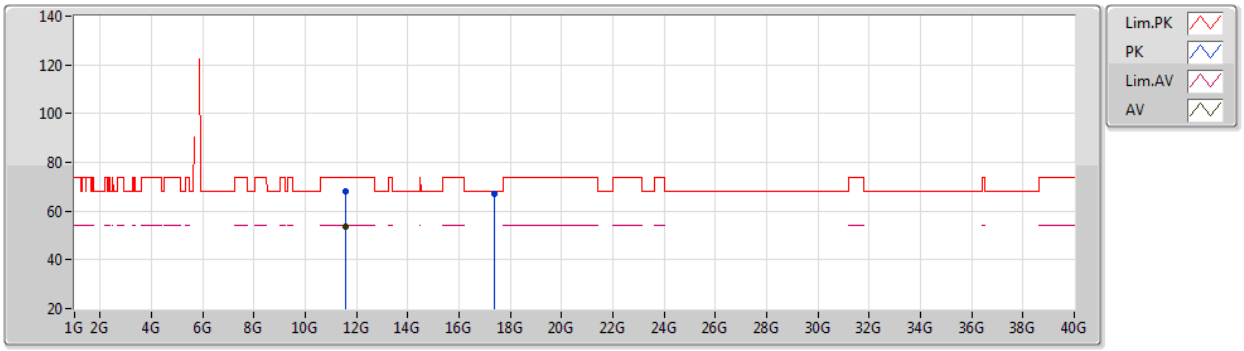
EUT Y_4TX
Setting 103
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5675G	65.30	74.00	-8.70	50.92	3	Vertical	231	1.65	-	38.90	10.17	34.69
AV	11.5703G	51.19	54.00	-2.81	36.81	3	Vertical	231	1.65	-	38.90	10.17	34.69
PK	17.3506G	64.80	68.20	-3.40	45.56	3	Vertical	62	1.03	-	41.69	12.12	34.57

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

12/02/2020



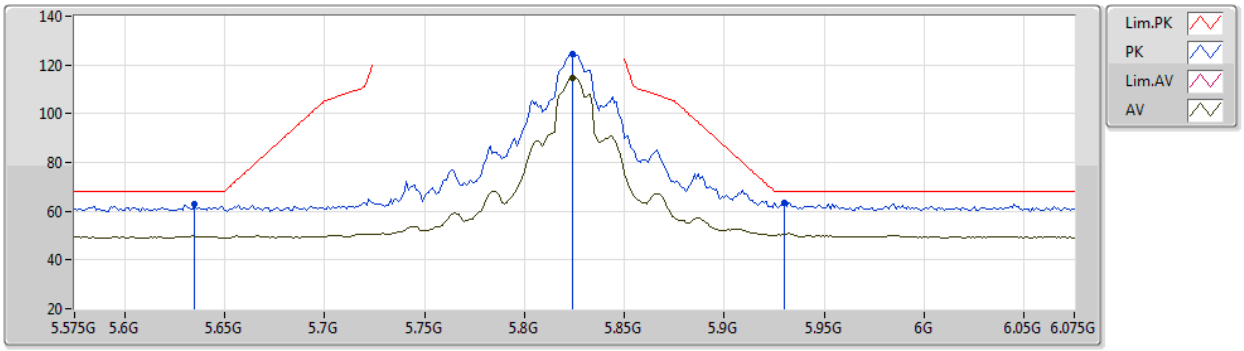
EUT Y_4TX
Setting 103
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5676G	67.95	74.00	-6.05	53.57	3	Horizontal	247	2.03	-	38.90	10.17	34.69
AV	11.5704G	53.48	54.00	-0.52	39.10	3	Horizontal	247	2.03	-	38.90	10.17	34.69
PK	17.3533G	66.95	68.20	-1.25	47.70	3	Horizontal	323	1.87	-	41.70	12.12	34.57

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

12/02/2020



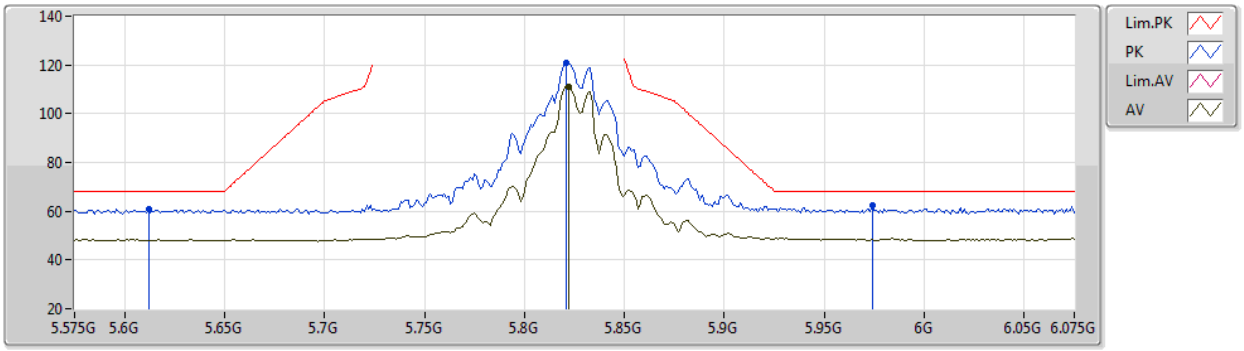
EUT Y_4TX
Setting 103
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.635G	62.84	68.20	-5.36	56.43	3	Vertical	4	1.80	-	34.36	7.02	34.97
PK	5.824G	124.65	Inf	-Inf	118.18	3	Vertical	4	1.80	-	34.35	7.04	34.92
AV	5.824G	114.74	Inf	-Inf	108.27	3	Vertical	4	1.80	-	34.35	7.04	34.92
PK	5.93G	63.54	68.20	-4.66	56.79	3	Vertical	4	1.80	-	34.59	7.05	34.89

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

12/02/2020



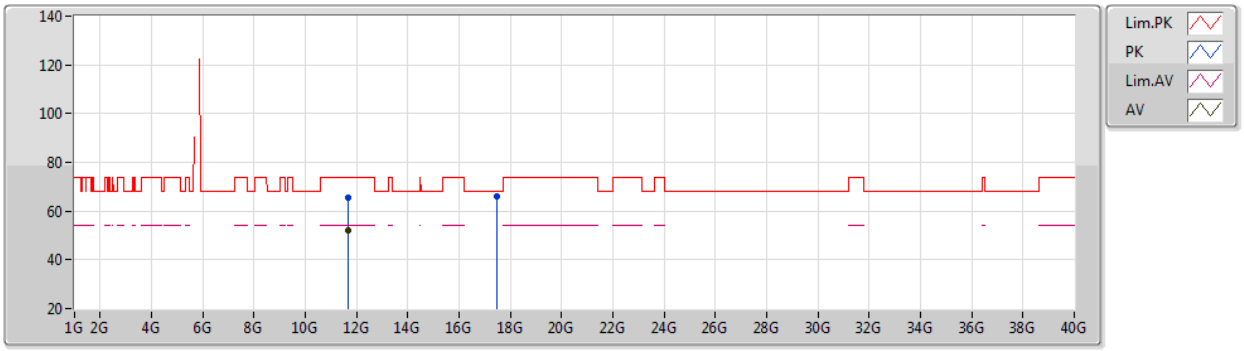
EUT Y_4TX
Setting 103
03-A-J-5-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.612G	60.99	68.20	-7.21	54.56	3	Horizontal	126	1.79	-	34.39	7.02	34.98
PK	5.821G	121.11	Inf	-Inf	114.65	3	Horizontal	126	1.79	-	34.34	7.04	34.92
AV	5.822G	111.29	Inf	-Inf	104.83	3	Horizontal	126	1.79	-	34.34	7.04	34.92
PK	5.974G	62.53	68.20	-5.67	55.63	3	Horizontal	126	1.79	-	34.72	7.06	34.88

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

12/02/2020



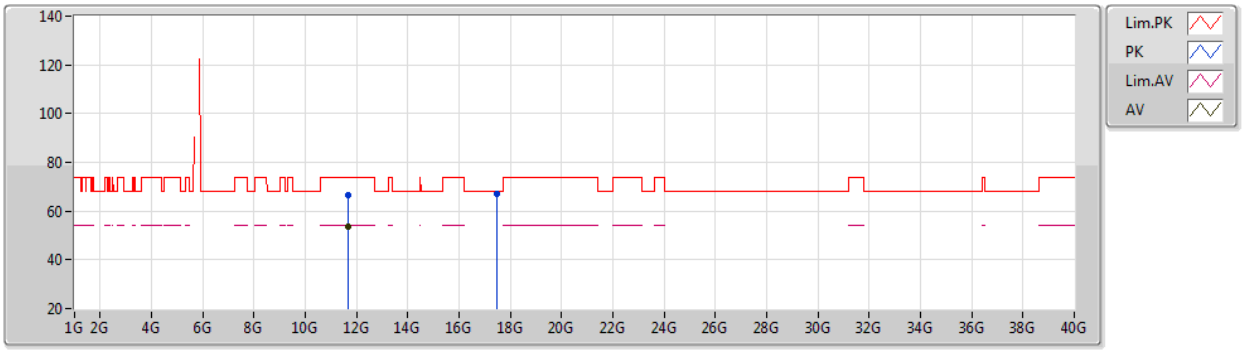
EUT Y_4TX
Setting 103
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6476G	65.74	74.00	-8.26	51.32	3	Vertical	87	2.66	-	38.95	10.18	34.71
AV	11.6503G	52.05	54.00	-1.95	37.62	3	Vertical	87	2.66	-	38.96	10.18	34.71
PK	17.4721G	66.00	68.20	-2.20	46.10	3	Vertical	83	1.86	-	42.31	12.15	34.56

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

12/02/2020



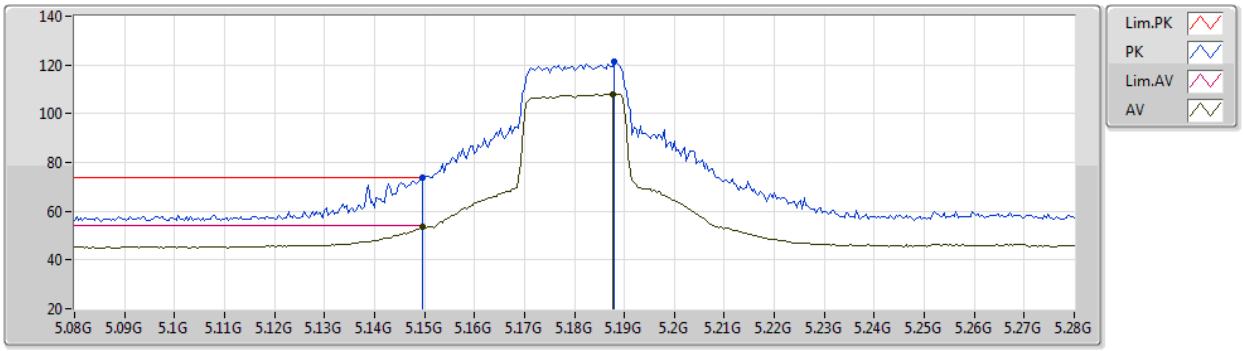
EUT Y_4TX
Setting 103
03-A-J-5

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6512G	66.81	74.00	-7.19	52.38	3	Horizontal	252	2.01	-	38.96	10.18	34.71
AV	11.6523G	53.79	54.00	-0.21	39.36	3	Horizontal	252	2.01	-	38.96	10.18	34.71
PK	17.4738G	66.89	68.20	-1.31	46.98	3	Horizontal	321	2.31	-	42.32	12.15	34.56

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

12/02/2020



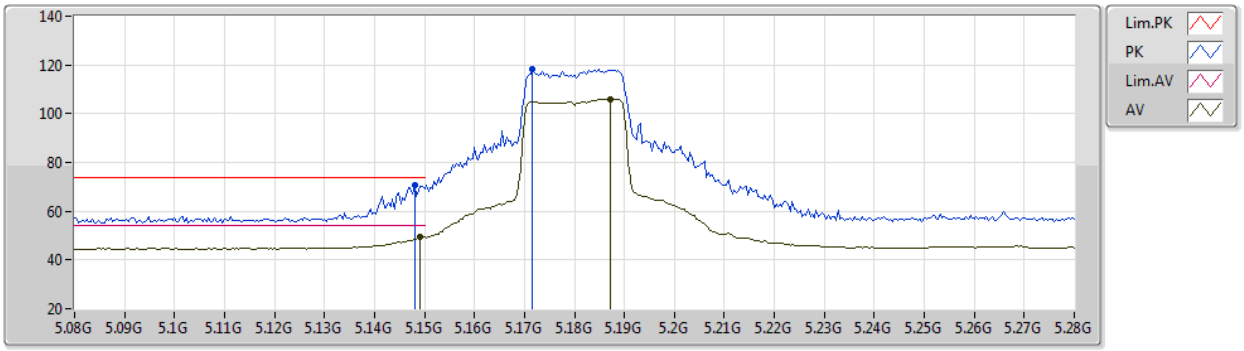
EUT Y_4TX
Setting 73
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	73.66	74.00	-0.34	69.44	3	Vertical	199	2.05	-	32.80	5.87	34.45
AV	5.1496G	53.42	54.00	-0.58	49.20	3	Vertical	199	2.05	-	32.80	5.87	34.45
PK	5.188G	121.14	Inf	-Inf	116.91	3	Vertical	199	2.05	-	32.80	5.89	34.46
AV	5.1876G	108.05	Inf	-Inf	103.82	3	Vertical	199	2.05	-	32.80	5.89	34.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5180MHz_TX

12/02/2020



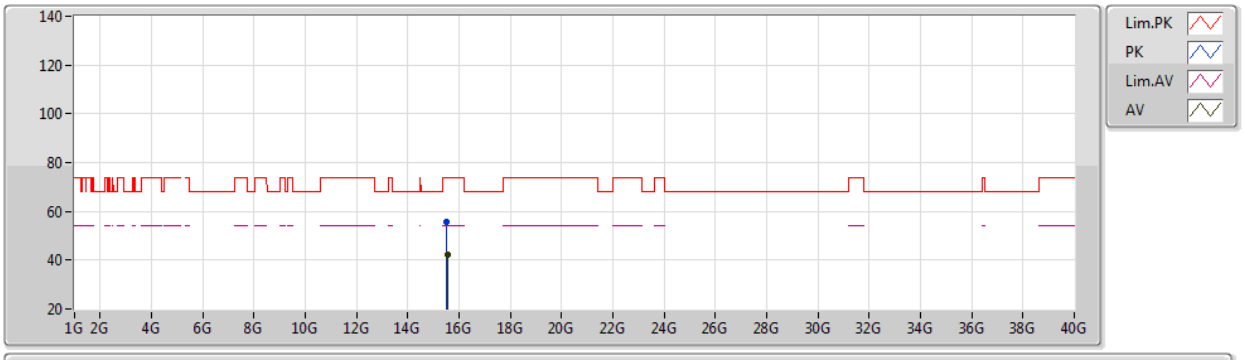
EUT Y_4TX
Setting 73
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	70.84	74.00	-3.16	66.62	3	Horizontal	243	2.00	-	32.80	5.87	34.45
AV	5.1492G	49.51	54.00	-4.49	45.29	3	Horizontal	243	2.00	-	32.80	5.87	34.45
PK	5.1716G	118.20	Inf	-Inf	113.97	3	Horizontal	243	2.00	-	32.80	5.89	34.46
AV	5.1872G	106.12	Inf	-Inf	101.89	3	Horizontal	243	2.00	-	32.80	5.89	34.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

12/02/2020

5180MHz_TX



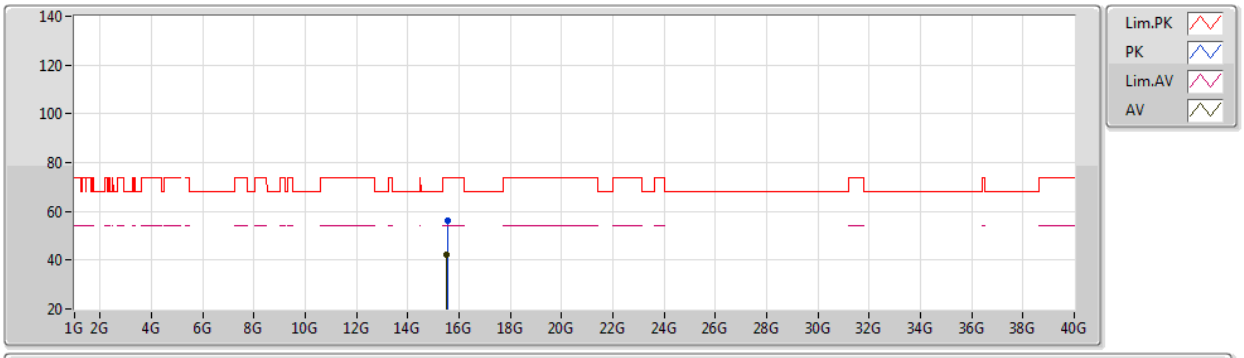
EUT Y_4TX
Setting 73
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.5298G	55.55	74.00	-18.45	41.62	3	Vertical	65	1.51	-	38.78	9.79	34.64
AV	15.54396G	42.36	54.00	-11.64	28.47	3	Vertical	65	1.51	-	38.76	9.79	34.66

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

12/02/2020

5180MHz_TX



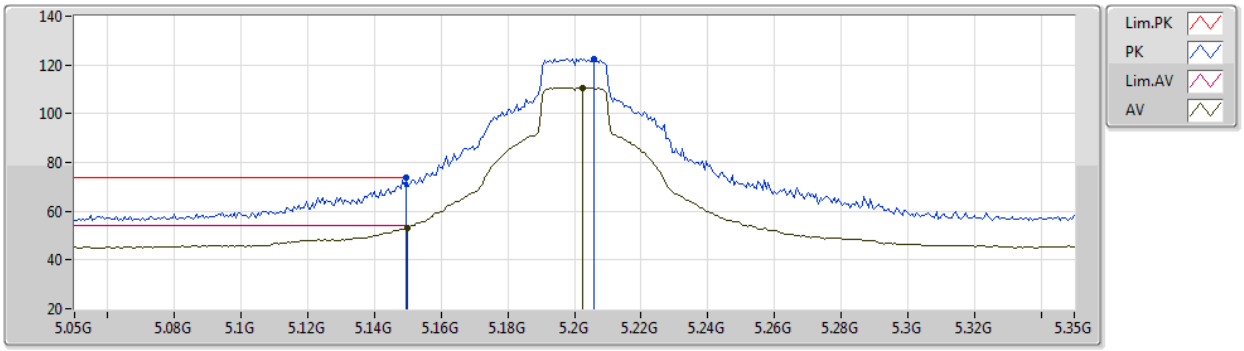
EUT Y_4TX
Setting 73
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.53916G	55.99	74.00	-18.01	42.08	3	Horizontal	347	1.80	-	38.77	9.79	34.65
AV	15.52884G	42.21	54.00	-11.79	28.28	3	Horizontal	347	1.80	-	38.78	9.79	34.64

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

12/02/2020



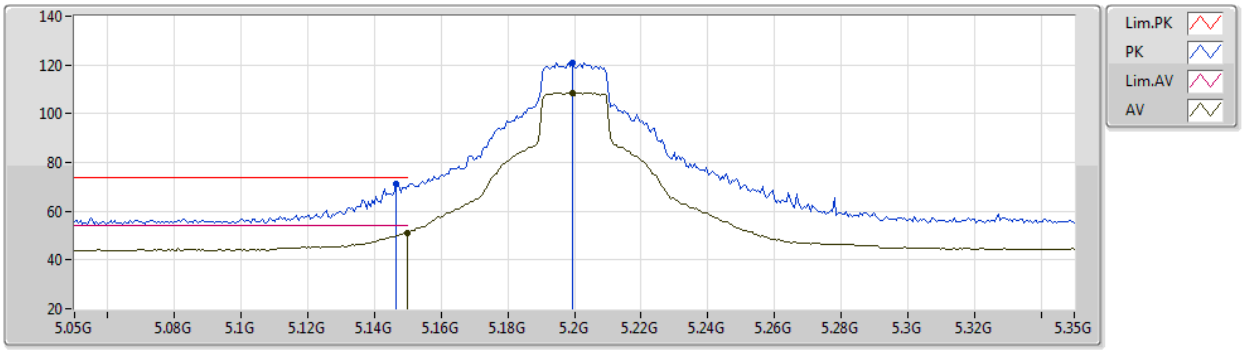
EUT Y_4TX
Setting 94
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	73.61	74.00	-0.39	69.39	3	Vertical	204	1.92	-	32.80	5.87	34.45
AV	5.15G	53.28	54.00	-0.72	49.06	3	Vertical	204	1.92	-	32.80	5.87	34.45
PK	5.206G	122.45	Inf	-Inf	118.17	3	Vertical	204	1.92	-	32.82	5.92	34.46
AV	5.2024G	110.70	Inf	-Inf	106.44	3	Vertical	204	1.92	-	32.81	5.91	34.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

12/02/2020



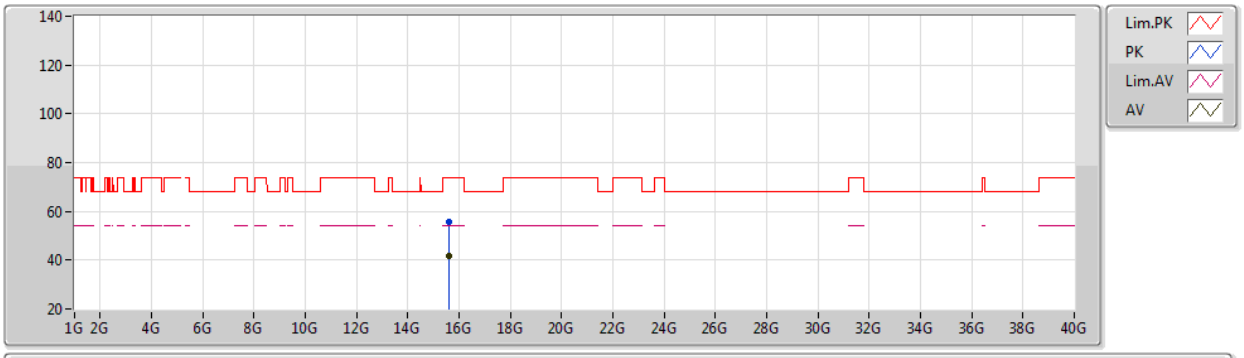
EUT Y_4TX
Setting 94
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1466G	71.13	74.00	-2.87	66.91	3	Horizontal	240	1.80	-	32.80	5.87	34.45
AV	5.15G	51.11	54.00	-2.89	46.89	3	Horizontal	240	1.80	-	32.80	5.87	34.45
PK	5.1994G	121.11	Inf	-Inf	116.87	3	Horizontal	240	1.80	-	32.80	5.90	34.46
AV	5.1994G	108.69	Inf	-Inf	104.45	3	Horizontal	240	1.80	-	32.80	5.90	34.46

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

12/02/2020



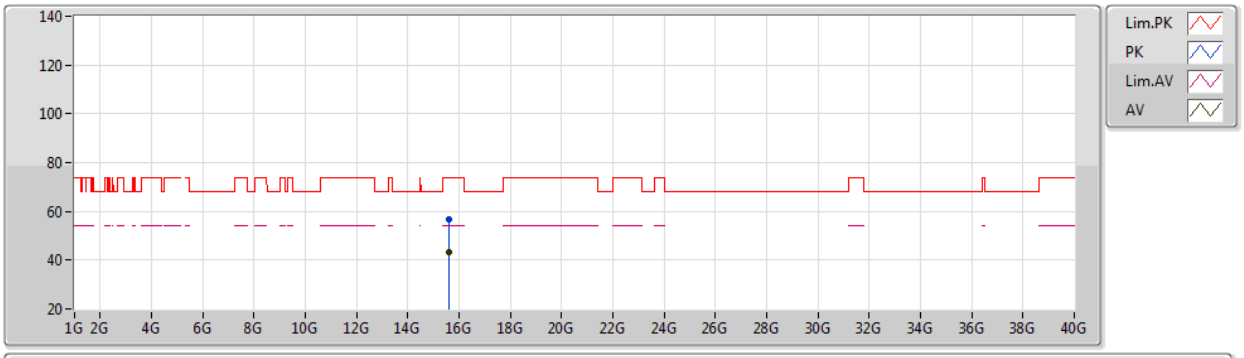
EUT Y_4TX
Setting 94
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59732G	55.71	74.00	-18.29	41.93	3	Vertical	53	1.64	-	38.72	9.78	34.72
AV	15.60928G	41.74	54.00	-12.26	27.99	3	Vertical	53	1.64	-	38.71	9.77	34.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5200MHz_TX

12/02/2020



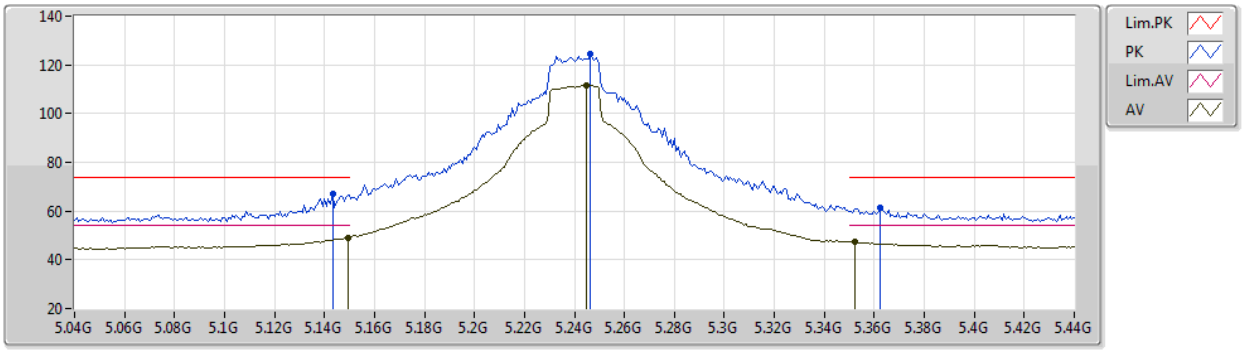
EUT Y_4TX
Setting 94
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6092G	56.71	74.00	-17.29	42.96	3	Horizontal	49	2.07	-	38.71	9.77	34.73
AV	15.60488G	43.32	54.00	-10.68	29.55	3	Horizontal	49	2.07	-	38.72	9.78	34.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

12/02/2020



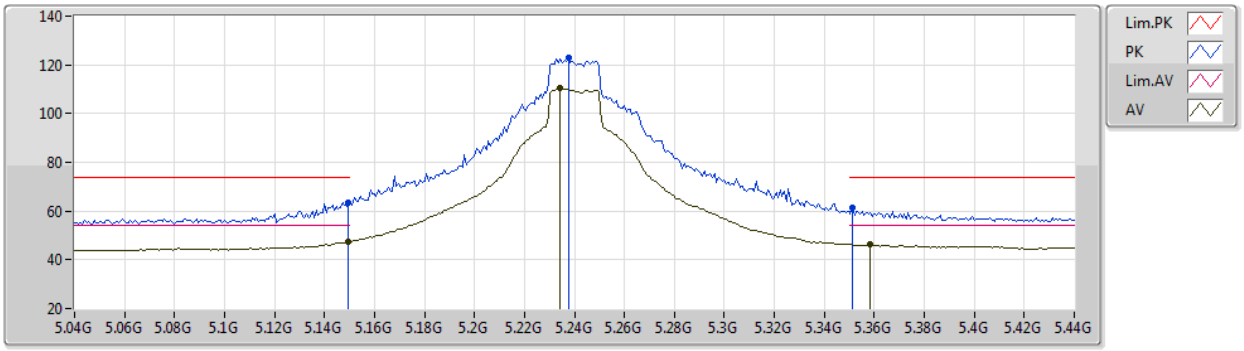
EUT Y_4TX
Setting 103
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1432G	67.00	74.00	-7.00	62.78	3	Vertical	207	1.68	-	32.80	5.87	34.45
AV	5.1496G	49.17	54.00	-4.83	44.95	3	Vertical	207	1.68	-	32.80	5.87	34.45
PK	5.2464G	124.23	Inf	-Inf	119.72	3	Vertical	207	1.68	-	32.94	6.03	34.46
AV	5.2448G	111.77	Inf	-Inf	107.28	3	Vertical	207	1.68	-	32.93	6.02	34.46
PK	5.3624G	61.60	74.00	-12.40	56.60	3	Vertical	207	1.68	-	33.16	6.31	34.47
AV	5.352G	47.30	54.00	-6.70	42.33	3	Vertical	207	1.68	-	33.15	6.29	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

12/02/2020



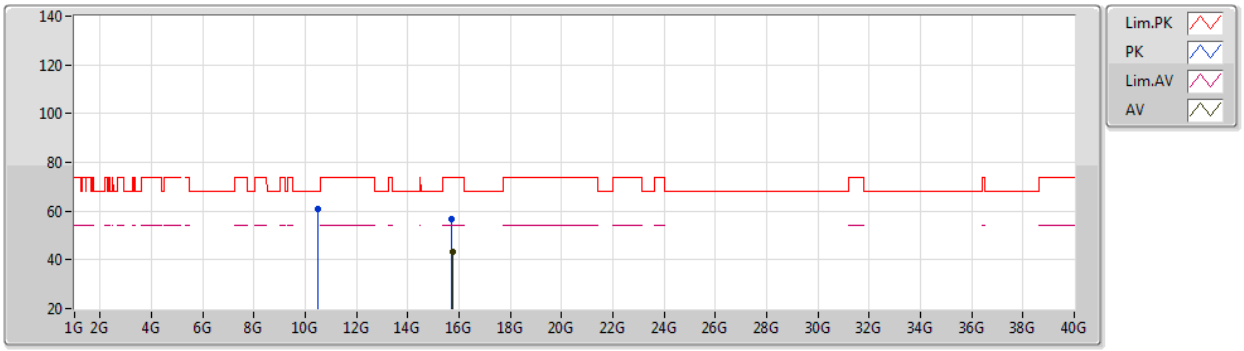
EUT Y_4TX
Setting 103
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1496G	63.59	74.00	-10.41	59.37	3	Horizontal	244	1.97	-	32.80	5.87	34.45
AV	5.1496G	47.30	54.00	-6.70	43.08	3	Horizontal	244	1.97	-	32.80	5.87	34.45
PK	5.2376G	122.83	Inf	-Inf	118.38	3	Horizontal	244	1.97	-	32.91	6.00	34.46
AV	5.2344G	110.36	Inf	-Inf	105.93	3	Horizontal	244	1.97	-	32.90	5.99	34.46
PK	5.3512G	61.52	74.00	-12.48	56.55	3	Horizontal	244	1.97	-	33.15	6.29	34.47
AV	5.3584G	46.23	54.00	-7.77	41.24	3	Horizontal	244	1.97	-	33.16	6.30	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

12/02/2020



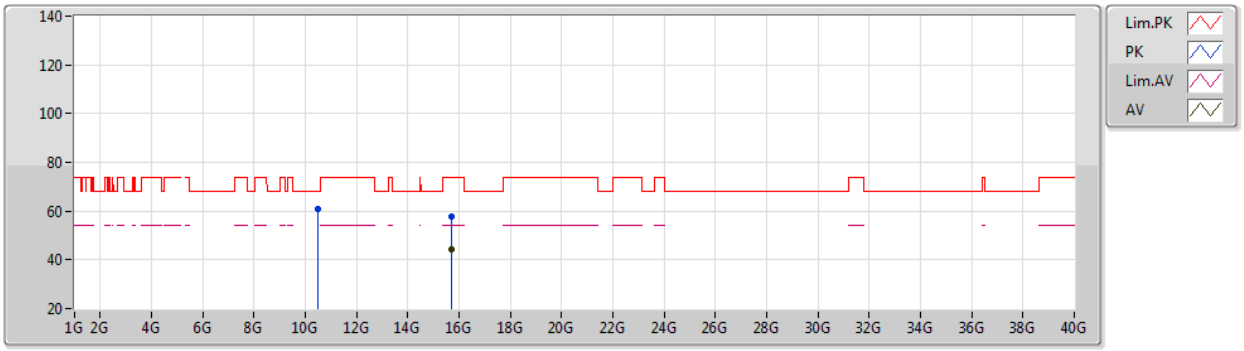
EUT Y_4TX
Setting 103
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47968G	60.61	68.20	-7.59	48.52	3	Vertical	42	1.59	-	38.24	8.95	35.10
PK	15.72688G	56.73	74.00	-17.27	43.23	3	Vertical	44	2.05	-	38.62	9.75	34.87
AV	15.72956G	43.14	54.00	-10.86	29.64	3	Vertical	44	2.05	-	38.62	9.75	34.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5240MHz_TX

12/02/2020



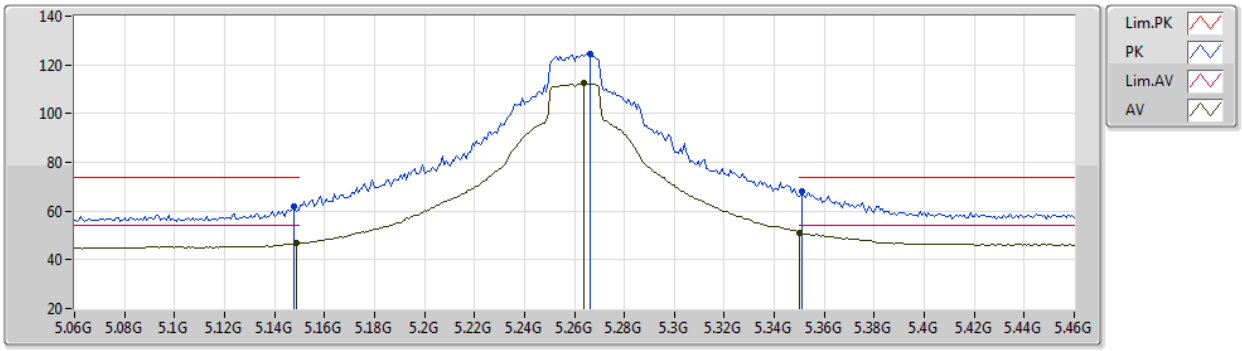
EUT Y_4TX
Setting 103
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.47664G	60.75	68.20	-7.45	48.67	3	Horizontal	70	1.80	-	38.24	8.95	35.11
PK	15.72552G	57.63	74.00	-16.37	44.13	3	Horizontal	45	2.10	-	38.62	9.75	34.87
AV	15.7228G	44.24	54.00	-9.76	30.73	3	Horizontal	45	2.10	-	38.62	9.75	34.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

12/02/2020



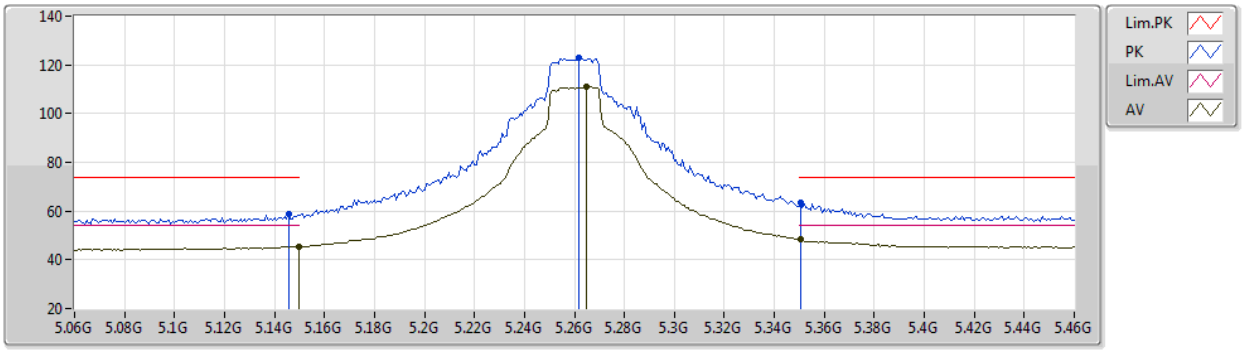
EUT Y_4TX
Setting 103
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	61.85	74.00	-12.15	57.63	3	Vertical	10	1.90	-	32.80	5.87	34.45
AV	5.1488G	46.90	54.00	-7.10	42.68	3	Vertical	10	1.90	-	32.80	5.87	34.45
PK	5.2664G	124.43	Inf	-Inf	119.81	3	Vertical	10	1.90	-	33.00	6.08	34.46
AV	5.264G	112.36	Inf	-Inf	107.76	3	Vertical	10	1.90	-	32.99	6.07	34.46
PK	5.3512G	68.05	74.00	-5.95	63.08	3	Vertical	10	1.90	-	33.15	6.29	34.47
AV	5.35G	51.19	54.00	-2.81	46.22	3	Vertical	10	1.90	-	33.15	6.29	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

12/02/2020



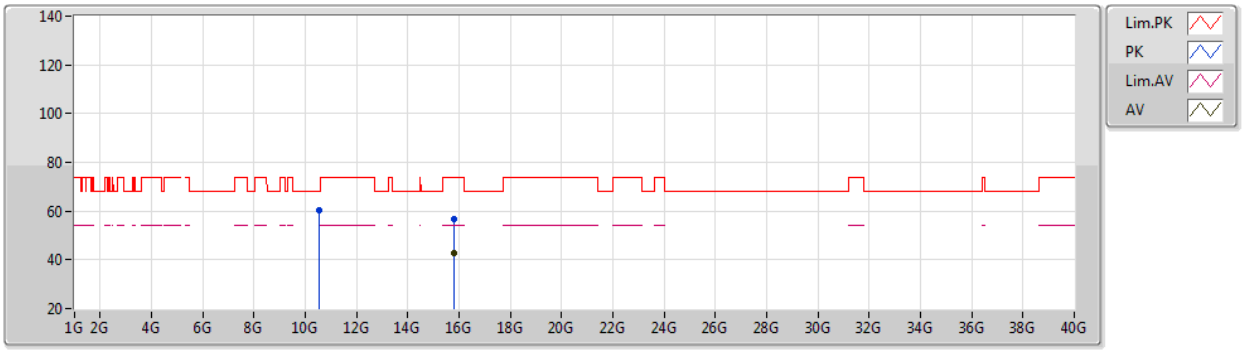
EUT Y_4TX
Setting 103
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1456G	58.70	74.00	-15.30	54.48	3	Horizontal	246	1.94	-	32.80	5.87	34.45
AV	5.1496G	45.45	54.00	-8.55	41.23	3	Horizontal	246	1.94	-	32.80	5.87	34.45
PK	5.2616G	122.70	Inf	-Inf	118.11	3	Horizontal	246	1.94	-	32.98	6.07	34.46
AV	5.2648G	111.23	Inf	-Inf	106.63	3	Horizontal	246	1.94	-	32.99	6.07	34.46
PK	5.3504G	63.24	74.00	-10.76	58.27	3	Horizontal	246	1.94	-	33.15	6.29	34.47
AV	5.3504G	48.44	54.00	-5.56	43.47	3	Horizontal	246	1.94	-	33.15	6.29	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

12/02/2020



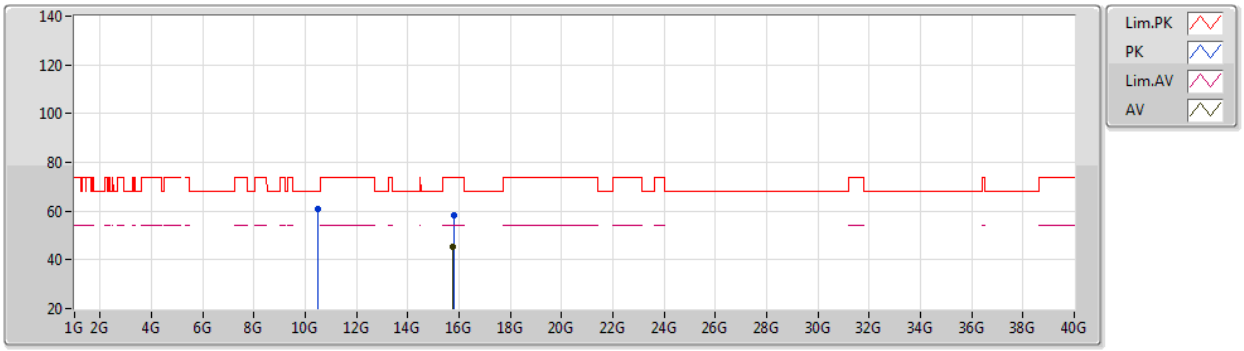
EUT Y_4TX
Setting 103
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51976G	60.51	68.20	-7.69	48.37	3	Vertical	45	1.78	-	38.26	8.96	35.08
PK	15.78752G	56.66	74.00	-17.34	43.29	3	Vertical	59	2.04	-	38.57	9.74	34.94
AV	15.7834G	42.99	54.00	-11.01	29.61	3	Vertical	59	2.04	-	38.57	9.74	34.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz_TX

12/02/2020



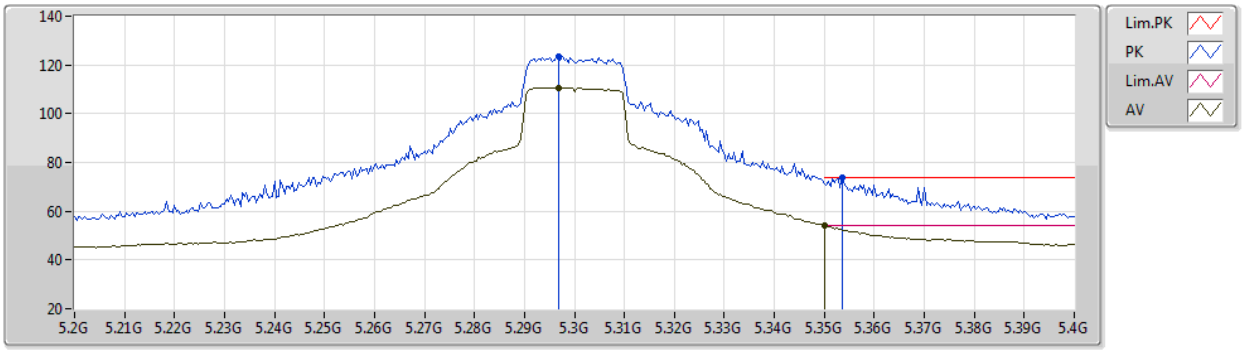
EUT Y_4TX
Setting 103
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.51464G	61.06	68.20	-7.14	48.93	3	Horizontal	74	1.00	-	38.25	8.96	35.08
PK	15.77912G	58.38	74.00	-15.62	44.99	3	Horizontal	48	1.76	-	38.58	9.74	34.93
AV	15.77824G	45.28	54.00	-8.72	31.89	3	Horizontal	48	1.76	-	38.58	9.74	34.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

12/02/2020



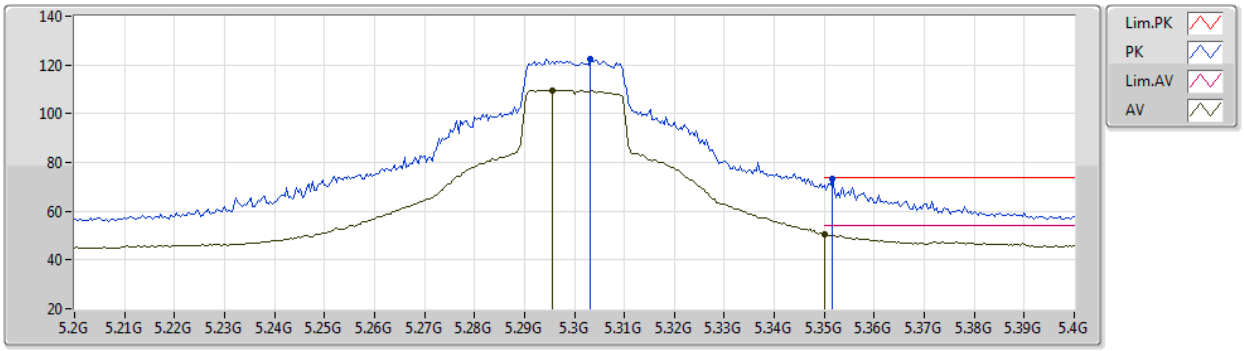
EUT Y_4TX
Setting 90
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.2968G	123.50	Inf	-Inf	118.71	3	Vertical	0	1.87	-	33.09	6.16	34.46
AV	5.2968G	110.76	Inf	-Inf	105.97	3	Vertical	0	1.87	-	33.09	6.16	34.46
PK	5.3536G	73.83	74.00	-0.17	68.86	3	Vertical	0	1.87	-	33.15	6.29	34.47
AV	5.35G	53.97	54.00	-0.03	49.00	3	Vertical	0	1.87	-	33.15	6.29	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

12/02/2020



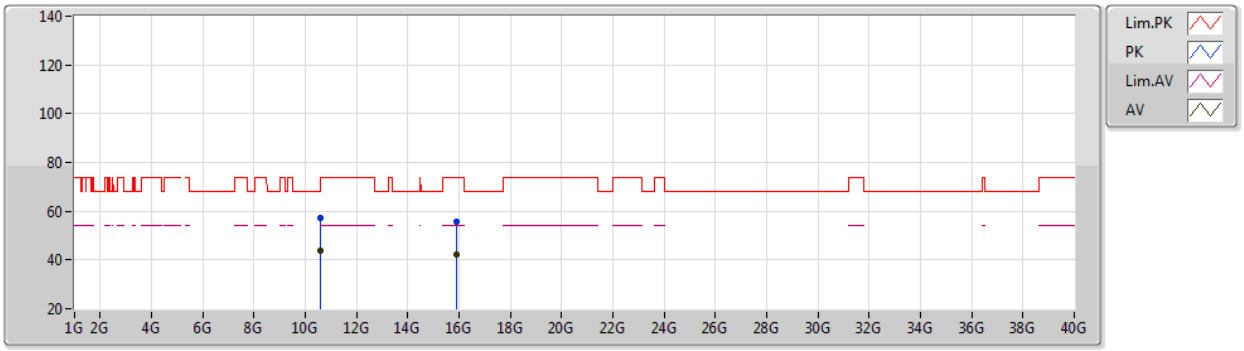
EUT Y_4TX
Setting 90
01-B-E-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3032G	122.31	Inf	-Inf	117.49	3	Horizontal	244	1.96	-	33.10	6.18	34.46
AV	5.2956G	109.63	Inf	-Inf	104.84	3	Horizontal	244	1.96	-	33.09	6.16	34.46
PK	5.3516G	73.19	74.00	-0.81	68.22	3	Horizontal	244	1.96	-	33.15	6.29	34.47
AV	5.35G	50.36	54.00	-3.64	45.39	3	Horizontal	244	1.96	-	33.15	6.29	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

12/02/2020



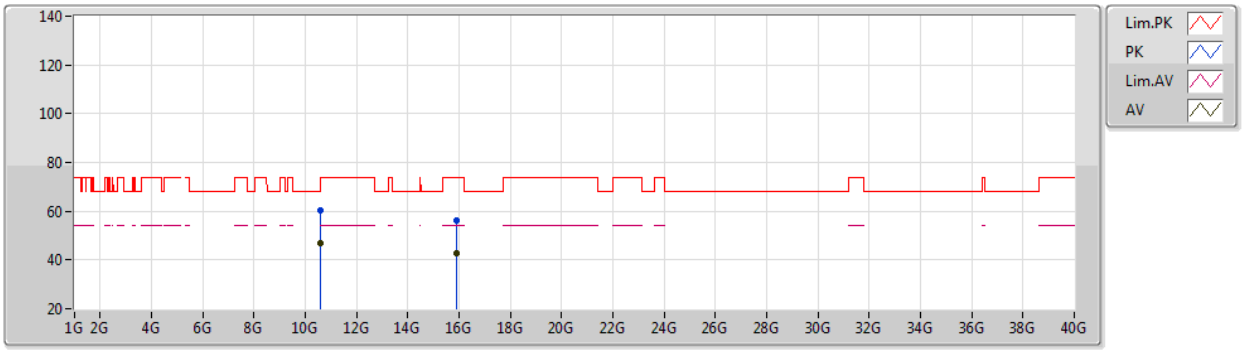
EUT Y_4TX
Setting 90
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.60436G	57.02	74.00	-16.98	44.76	3	Vertical	49	1.71	-	38.28	8.99	35.01
AV	10.60256G	43.69	54.00	-10.31	31.44	3	Vertical	49	1.71	-	38.28	8.99	35.02
PK	15.90696G	55.88	74.00	-18.12	42.76	3	Vertical	60	2.05	-	38.47	9.72	35.07
AV	15.90396G	42.16	54.00	-11.84	29.03	3	Vertical	60	2.05	-	38.48	9.72	35.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

12/02/2020



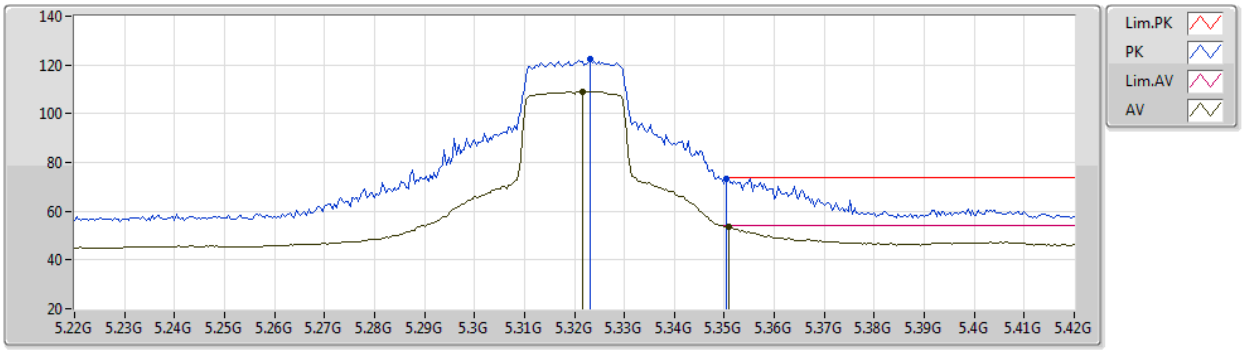
EUT Y_4TX
Setting 90
01-B-E-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.6052G	60.53	74.00	-13.47	48.27	3	Horizontal	77	1.00	-	38.28	8.99	35.01
AV	10.60096G	46.99	54.00	-7.01	34.74	3	Horizontal	77	1.00	-	38.28	8.99	35.02
PK	15.90372G	56.30	74.00	-17.70	43.17	3	Horizontal	47	1.71	-	38.48	9.72	35.07
AV	15.89864G	42.99	54.00	-11.01	29.85	3	Horizontal	47	1.71	-	38.48	9.72	35.06

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

12/02/2020



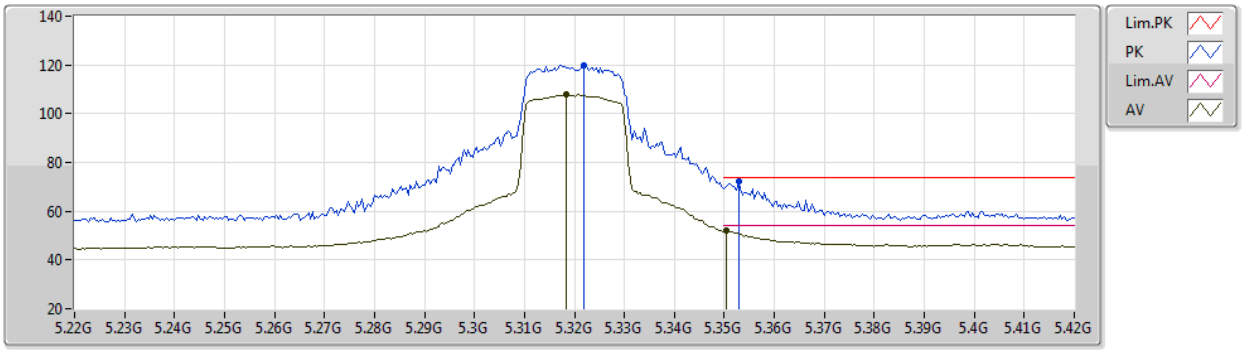
EUT Y_4TX
Setting 77
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.3232G	122.25	Inf	-Inf	117.37	3	Vertical	12	1.86	-	33.12	6.22	34.46
AV	5.3216G	109.14	Inf	-Inf	104.26	3	Vertical	12	1.86	-	33.12	6.22	34.46
PK	5.3504G	73.46	74.00	-0.54	68.49	3	Vertical	12	1.86	-	33.15	6.29	34.47
AV	5.3508G	53.77	54.00	-0.23	48.80	3	Vertical	12	1.86	-	33.15	6.29	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

12/02/2020



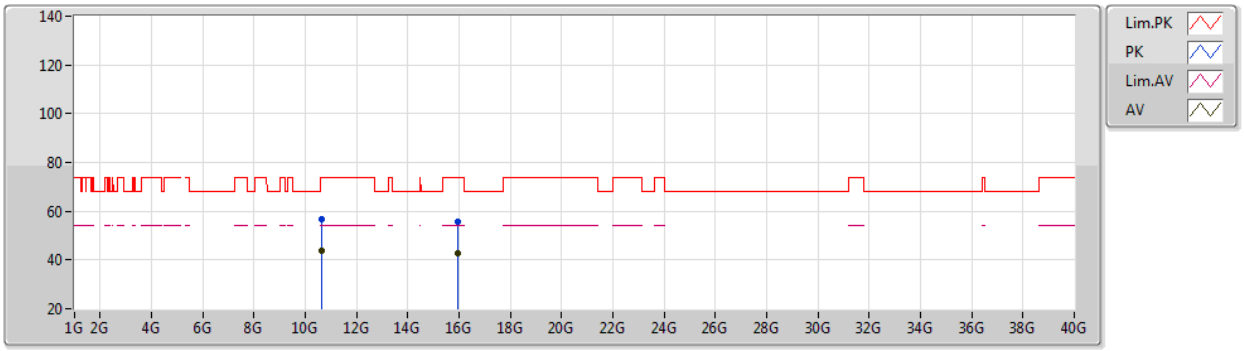
EUT Y_4TX
Setting 77
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.322G	119.82	Inf	-Inf	114.94	3	Horizontal	250	1.77	-	33.12	6.22	34.46
AV	5.3184G	107.84	Inf	-Inf	102.97	3	Horizontal	250	1.77	-	33.12	6.21	34.46
PK	5.3528G	72.26	74.00	-1.74	67.29	3	Horizontal	250	1.77	-	33.15	6.29	34.47
AV	5.3504G	51.93	54.00	-2.07	46.96	3	Horizontal	250	1.77	-	33.15	6.29	34.47

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

12/02/2020



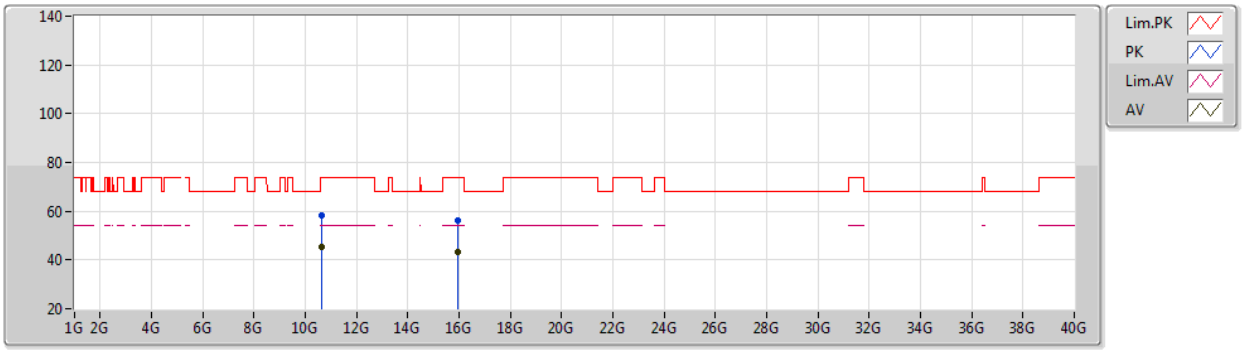
EUT Y_4TX
Setting 77
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.62704G	56.95	74.00	-17.05	44.67	3	Vertical	183	1.50	-	38.29	8.99	35.00
AV	10.63064G	43.70	54.00	-10.30	31.41	3	Vertical	183	1.50	-	38.29	9.00	35.00
PK	15.93912G	55.46	74.00	-18.54	42.41	3	Vertical	282	1.49	-	38.45	9.71	35.11
AV	15.95352G	42.96	54.00	-11.04	29.94	3	Vertical	282	1.49	-	38.44	9.71	35.13

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

12/02/2020



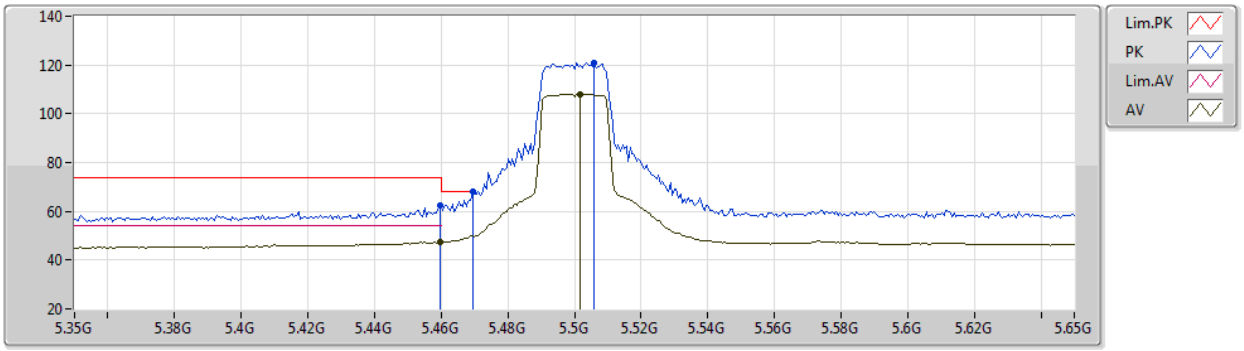
EUT Y_4TX
Setting 77
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	10.64768G	58.28	74.00	-15.72	45.97	3	Horizontal	235	1.65	-	38.29	9.00	34.98
AV	10.64624G	45.20	54.00	-8.80	32.89	3	Horizontal	235	1.65	-	38.29	9.00	34.98
PK	15.97488G	56.43	74.00	-17.57	43.46	3	Horizontal	72	1.12	-	38.42	9.70	35.15
AV	15.9432G	43.11	54.00	-10.89	30.07	3	Horizontal	72	1.12	-	38.45	9.71	35.12

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

12/02/2020



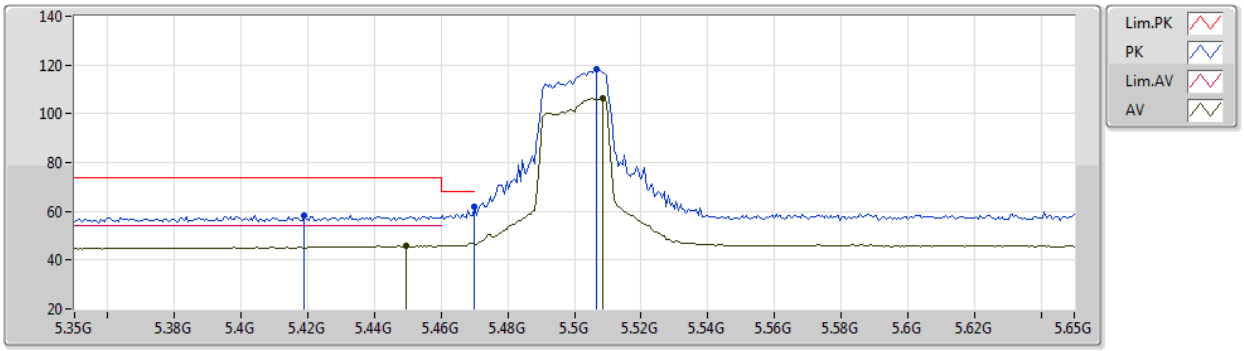
EUT Y_4TX
Setting 71
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4598G	62.26	74.00	-11.74	56.81	3	Vertical	9	1.98	-	33.56	6.37	34.48
AV	5.4598G	47.41	54.00	-6.59	41.96	3	Vertical	9	1.98	-	33.56	6.37	34.48
PK	5.4694G	68.06	68.20	-0.14	62.55	3	Vertical	9	1.98	-	33.62	6.37	34.48
PK	5.506G	121.05	Inf	-Inf	115.37	3	Vertical	9	1.98	-	33.81	6.35	34.48
AV	5.5018G	108.08	Inf	-Inf	102.41	3	Vertical	9	1.98	-	33.80	6.35	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

12/02/2020



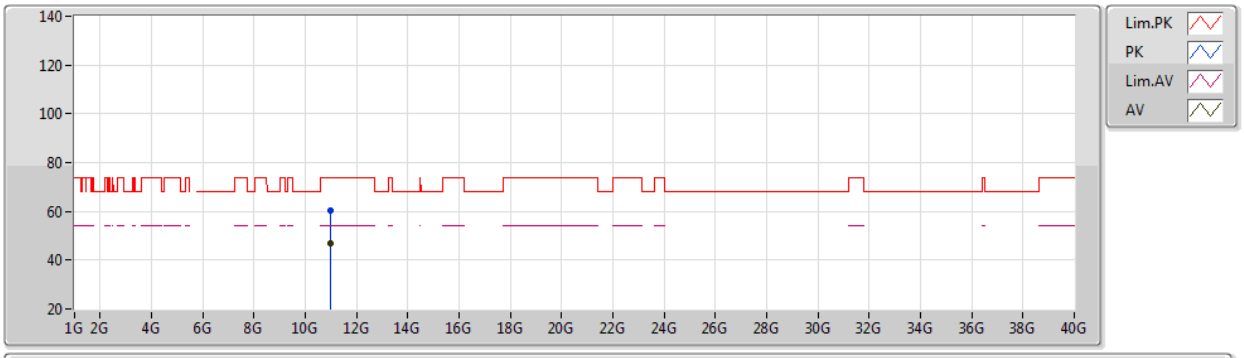
EUT Y_4TX
Setting 71
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.419G	58.22	74.00	-15.78	52.99	3	Horizontal	242	1.41	-	33.31	6.39	34.47
AV	5.4496G	45.85	54.00	-8.15	40.44	3	Horizontal	242	1.41	-	33.50	6.38	34.47
PK	5.47G	62.07	68.20	-6.13	56.56	3	Horizontal	242	1.41	-	33.62	6.37	34.48
PK	5.5066G	118.04	Inf	-Inf	112.36	3	Horizontal	242	1.41	-	33.81	6.35	34.48
AV	5.5084G	106.17	Inf	-Inf	100.48	3	Horizontal	242	1.41	-	33.82	6.35	34.48

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

12/02/2020



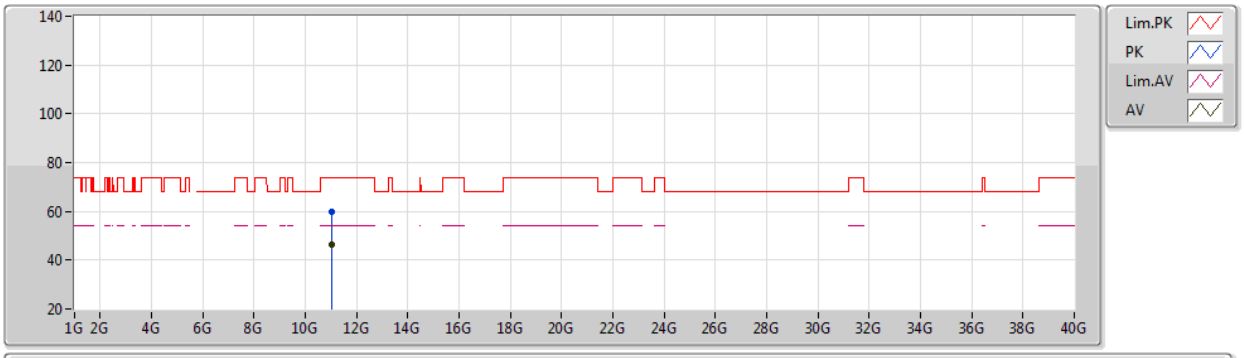
EUT Y_4TX
Setting 71
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.00108G	60.11	74.00	-13.89	47.33	3	Vertical	272	1.78	-	38.40	9.11	34.73
AV	10.99988G	46.74	54.00	-7.26	33.96	3	Vertical	272	1.78	-	38.40	9.11	34.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5500MHz_TX

12/02/2020



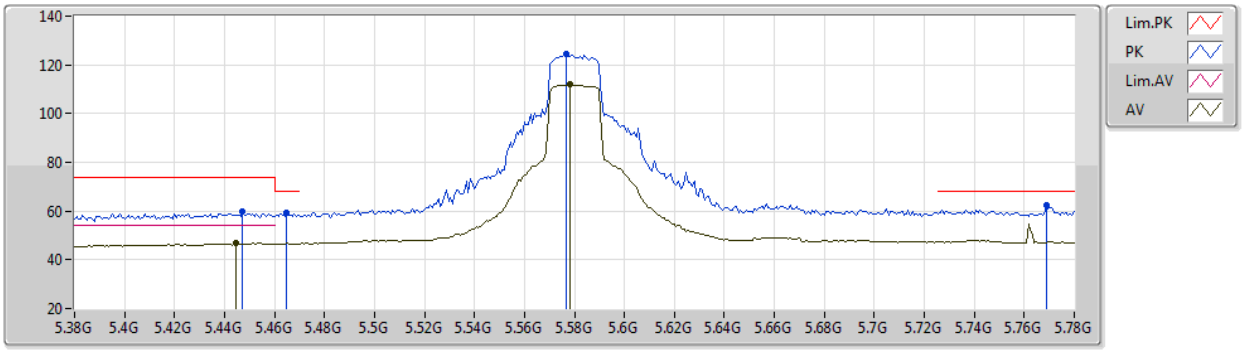
EUT Y_4TX
Setting 71
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01404G	59.96	74.00	-14.04	47.18	3	Horizontal	272	1.80	-	38.40	9.11	34.73
AV	11.01152G	46.63	54.00	-7.37	33.85	3	Horizontal	272	1.80	-	38.40	9.11	34.73

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

12/02/2020



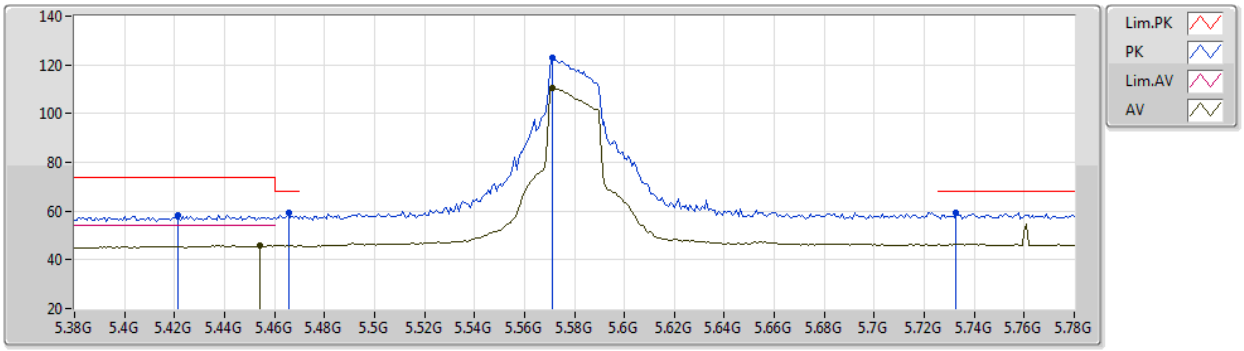
EUT Y_4TX
Setting 87
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4472G	59.77	74.00	-14.23	54.38	3	Vertical	16	1.91	-	33.48	6.38	34.47
AV	5.4448G	46.72	54.00	-7.28	41.34	3	Vertical	16	1.91	-	33.47	6.38	34.47
PK	5.4648G	59.06	68.20	-9.14	53.58	3	Vertical	16	1.91	-	33.59	6.37	34.48
PK	5.5768G	124.23	Inf	-Inf	118.47	3	Vertical	16	1.91	-	33.95	6.31	34.50
AV	5.5784G	111.95	Inf	-Inf	106.18	3	Vertical	16	1.91	-	33.96	6.31	34.50
PK	5.7688G	62.36	68.20	-5.84	56.31	3	Vertical	16	1.91	-	34.21	6.38	34.54

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

12/02/2020



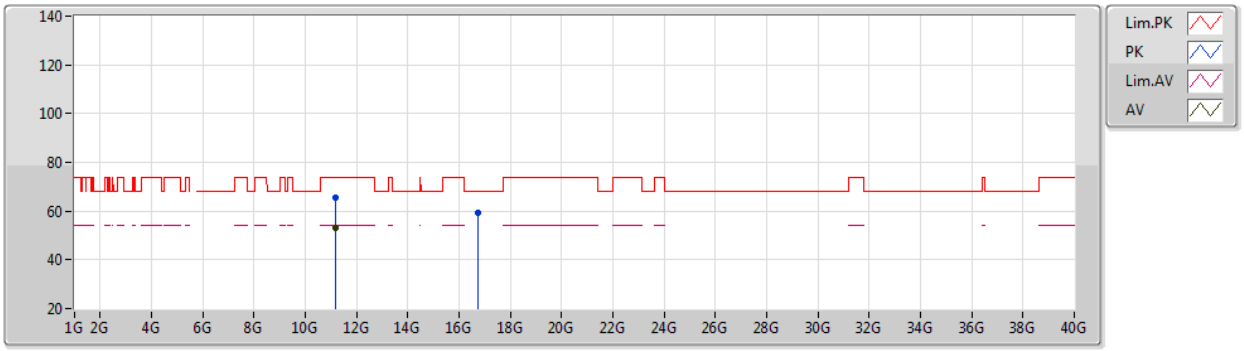
EUT Y_4TX
Setting 87
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4216G	58.42	74.00	-15.58	53.17	3	Horizontal	264	1.80	-	33.33	6.39	34.47
AV	5.4544G	45.84	54.00	-8.16	40.42	3	Horizontal	264	1.80	-	33.53	6.37	34.48
PK	5.4656G	59.54	68.20	-8.66	54.06	3	Horizontal	264	1.80	-	33.59	6.37	34.48
PK	5.5712G	123.10	Inf	-Inf	117.34	3	Horizontal	264	1.80	-	33.94	6.31	34.49
AV	5.5712G	110.44	Inf	-Inf	104.68	3	Horizontal	264	1.80	-	33.94	6.31	34.49
PK	5.7328G	59.44	68.20	-8.76	53.51	3	Horizontal	264	1.80	-	34.10	6.37	34.54

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

12/02/2020



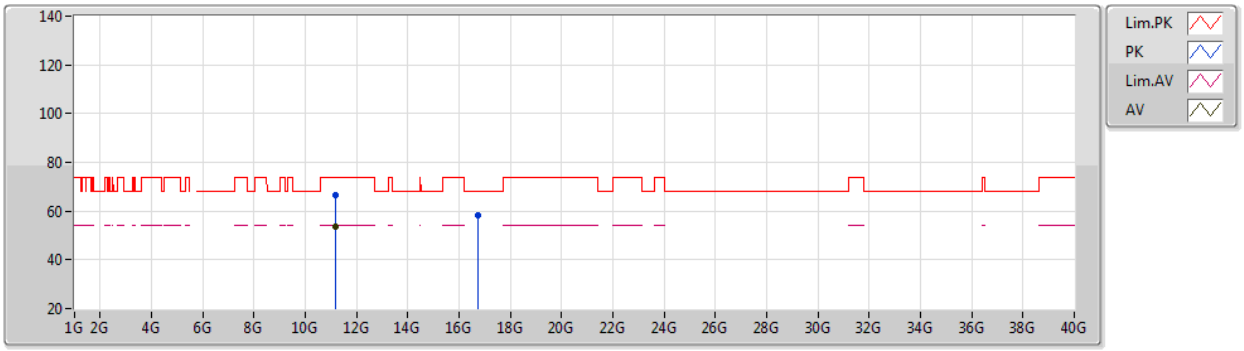
EUT Y_4TX
Setting 87
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.16084G	65.76	74.00	-8.24	52.93	3	Vertical	242	1.68	-	38.42	9.16	34.75
AV	11.15976G	53.10	54.00	-0.90	40.27	3	Vertical	242	1.68	-	38.42	9.16	34.75
PK	16.7448G	59.32	68.20	-8.88	43.11	3	Vertical	350	1.55	-	40.49	10.04	34.32

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5580MHz_TX

12/02/2020



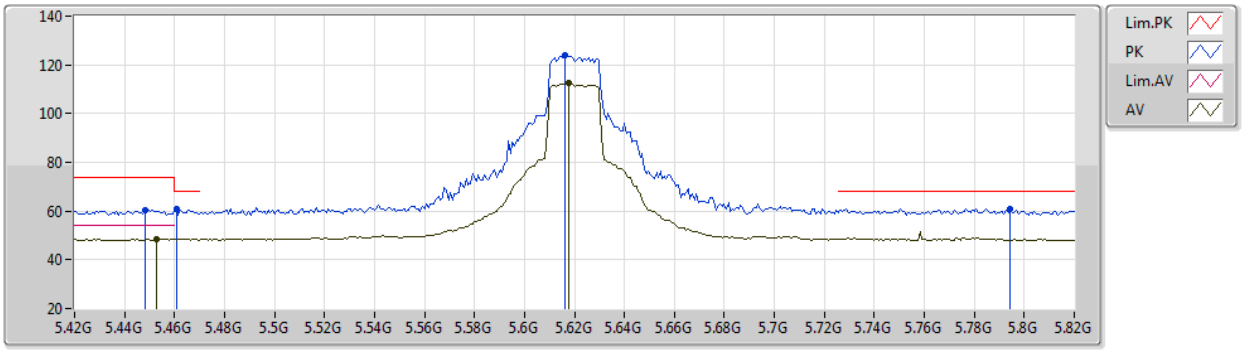
EUT Y_4TX
Setting 87
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.17116G	66.48	74.00	-7.52	53.66	3	Horizontal	222	1.63	-	38.42	9.16	34.76
AV	11.16696G	53.79	54.00	-0.21	40.97	3	Horizontal	222	1.63	-	38.42	9.16	34.76
PK	16.73196G	58.12	68.20	-10.08	41.97	3	Horizontal	335	1.29	-	40.45	10.04	34.34

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5620MHz_TX

12/02/2020



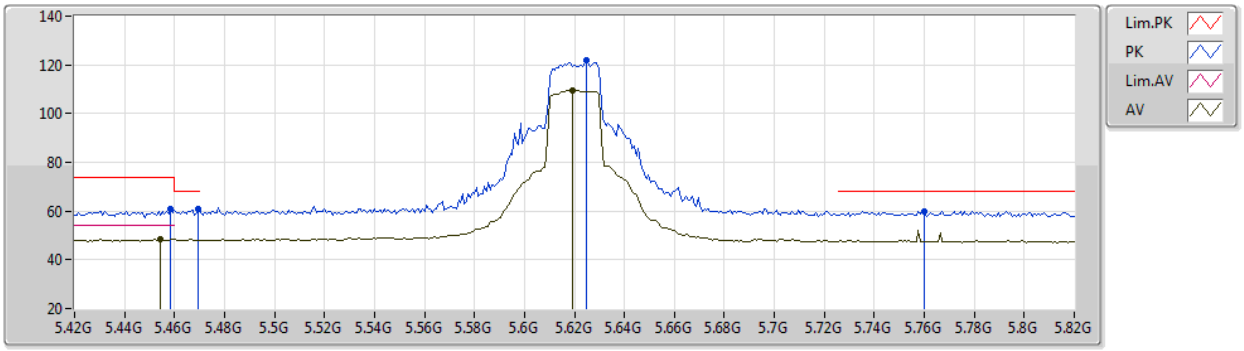
EUT Y_4TX
Setting 88
03-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.448G	60.51	74.00	-13.49	54.07	3	Vertical	3	1.69	-	34.45	6.97	34.98
AV	5.4528G	48.45	54.00	-5.55	42.01	3	Vertical	3	1.69	-	34.45	6.97	34.98
PK	5.4608G	61.00	68.20	-7.20	54.55	3	Vertical	3	1.69	-	34.46	6.98	34.99
PK	5.616G	124.20	Inf	-Inf	117.78	3	Vertical	3	1.69	-	34.38	7.02	34.98
AV	5.6176G	112.33	Inf	-Inf	105.90	3	Vertical	3	1.69	-	34.38	7.02	34.97
PK	5.7944G	61.06	68.20	-7.14	54.65	3	Vertical	3	1.69	-	34.30	7.04	34.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5620MHz_TX

12/02/2020



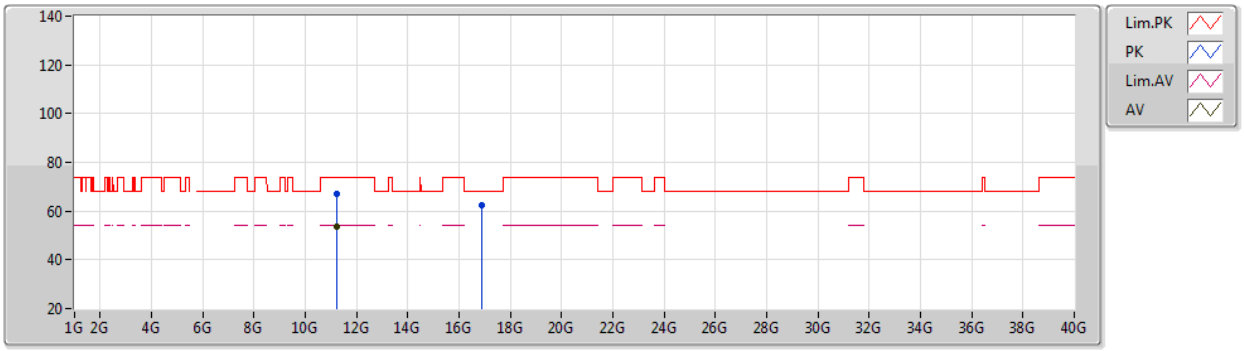
EUT Y_4TX
Setting 88
03-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4584G	60.64	74.00	-13.36	54.19	3	Horizontal	253	1.84	-	34.46	6.98	34.99
AV	5.4544G	48.35	54.00	-5.65	41.91	3	Horizontal	253	1.84	-	34.45	6.97	34.98
PK	5.4696G	60.67	68.20	-7.53	54.20	3	Horizontal	253	1.84	-	34.47	6.99	34.99
PK	5.6248G	121.73	Inf	-Inf	115.30	3	Horizontal	253	1.84	-	34.38	7.02	34.97
AV	5.6192G	109.43	Inf	-Inf	103.00	3	Horizontal	253	1.84	-	34.38	7.02	34.97
PK	5.76G	60.05	68.20	-8.15	53.65	3	Horizontal	253	1.84	-	34.30	7.04	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5620MHz_TX

12/02/2020



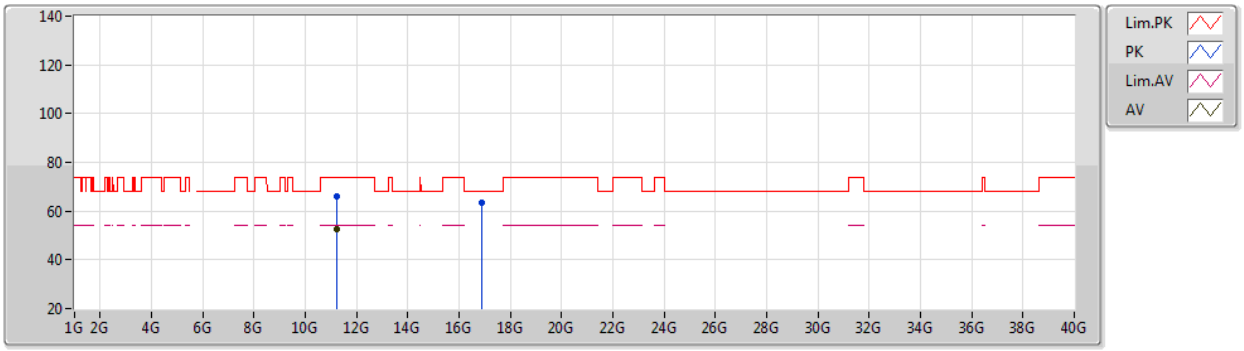
EUT Y_4TX
Setting 88
03-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.24006G	67.12	74.00	-6.88	52.95	3	Vertical	43	1.70	-	38.67	10.13	34.63
AV	11.23988G	53.86	54.00	-0.14	39.69	3	Vertical	43	1.70	-	38.67	10.13	34.63
PK	16.86804G	62.16	68.20	-6.04	45.26	3	Vertical	313	1.80	-	39.58	12.00	34.68

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5620MHz_TX

12/02/2020



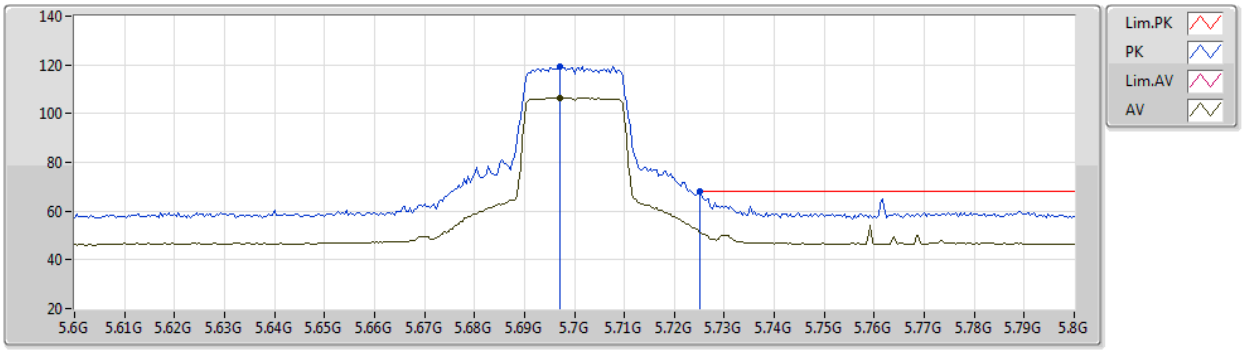
EUT Y_4TX
Setting 88
03-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.2382G	66.24	74.00	-7.76	52.07	3	Horizontal	211	1.79	-	38.67	10.13	34.63
AV	11.23898G	52.42	54.00	-1.58	38.25	3	Horizontal	211	1.79	-	38.67	10.13	34.63
PK	16.86108G	63.50	68.20	-4.70	46.62	3	Horizontal	54	2.25	-	39.57	12.00	34.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

12/02/2020



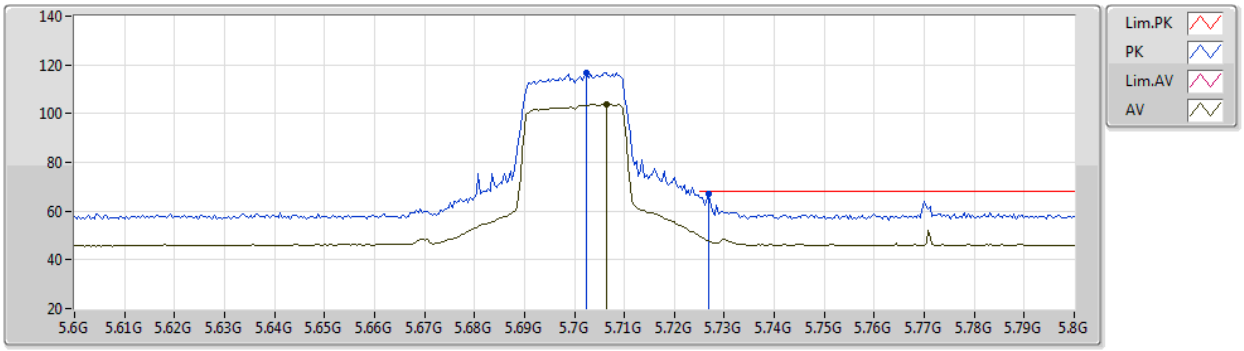
EUT Y_4TX
Setting 63
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6972G	119.24	Inf	-Inf	113.42	3	Vertical	360	1.76	-	34.00	6.35	34.53
AV	5.6972G	106.56	Inf	-Inf	100.74	3	Vertical	360	1.76	-	34.00	6.35	34.53
PK	5.7252G	68.06	68.20	-0.14	62.16	3	Vertical	360	1.76	-	34.08	6.36	34.54

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

12/02/2020



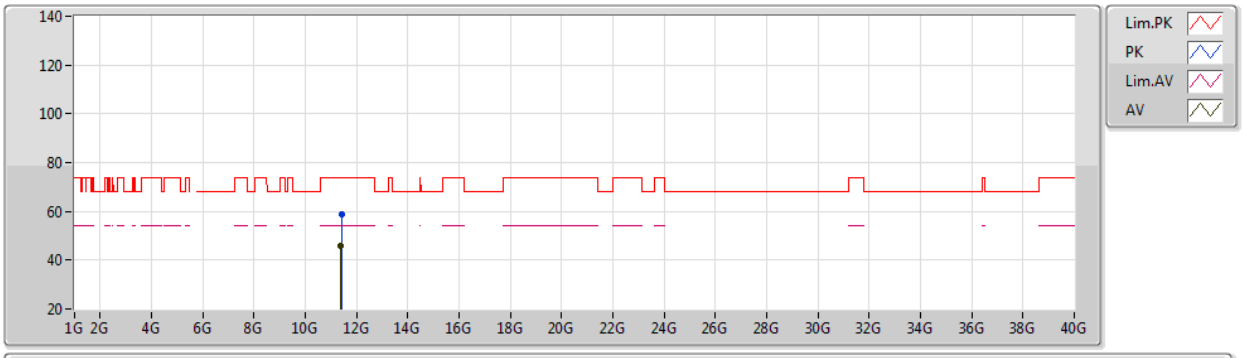
EUT Y_4TX
Setting 63
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7024G	116.85	Inf	-Inf	111.02	3	Horizontal	228	2.68	-	34.01	6.35	34.53
AV	5.7064G	103.96	Inf	-Inf	98.12	3	Horizontal	228	2.68	-	34.02	6.35	34.53
PK	5.7268G	66.88	68.20	-1.32	60.98	3	Horizontal	228	2.68	-	34.08	6.36	34.54

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

12/02/2020



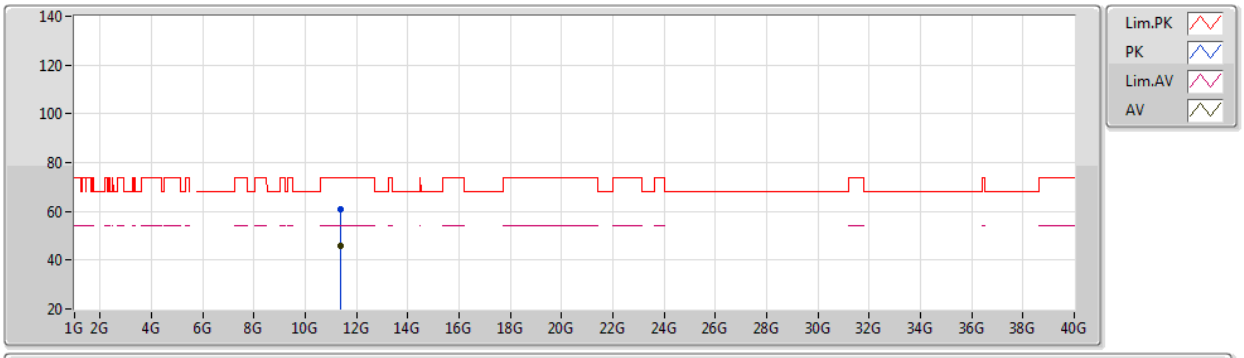
EUT Y_4TX
Setting 63
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.41512G	58.96	74.00	-15.04	46.08	3	Vertical	46	1.69	-	38.44	9.23	34.79
AV	11.40108G	45.74	54.00	-8.26	32.86	3	Vertical	46	1.69	-	38.44	9.23	34.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5700MHz_TX

12/02/2020



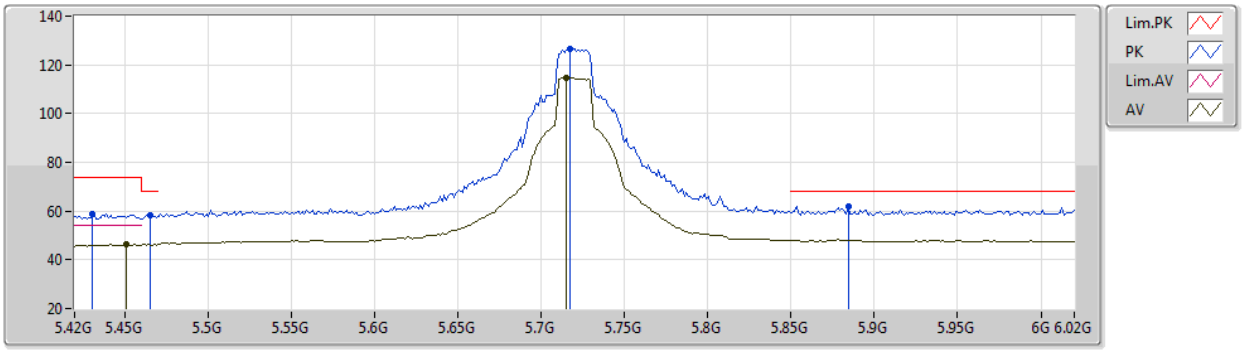
EUT Y_4TX
Setting 63
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.38476G	61.00	74.00	-13.00	48.13	3	Horizontal	251	1.55	-	38.44	9.22	34.79
AV	11.38572G	45.92	54.00	-8.08	33.05	3	Horizontal	251	1.55	-	38.44	9.22	34.79

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/02/2020



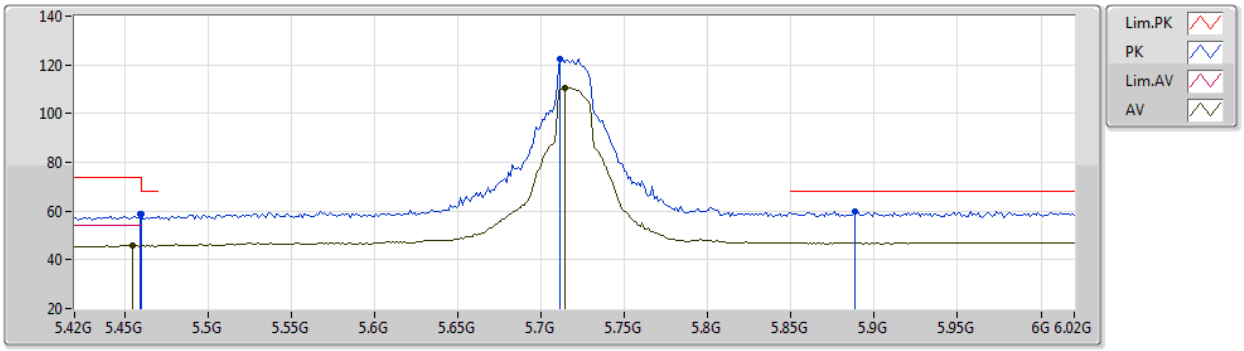
EUT Y_4TX
Setting 99
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4308G	58.79	74.00	-15.21	53.50	3	Vertical	12	1.74	-	33.38	6.38	34.47
AV	5.4512G	46.25	54.00	-7.75	40.85	3	Vertical	12	1.74	-	33.51	6.37	34.48
PK	5.4656G	58.08	68.20	-10.12	52.60	3	Vertical	12	1.74	-	33.59	6.37	34.48
PK	5.7176G	126.49	Inf	-Inf	120.61	3	Vertical	12	1.74	-	34.05	6.36	34.53
AV	5.7152G	114.58	Inf	-Inf	108.70	3	Vertical	12	1.74	-	34.05	6.36	34.53
PK	5.8844G	61.76	68.20	-6.44	55.18	3	Vertical	12	1.74	-	34.72	6.44	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/02/2020



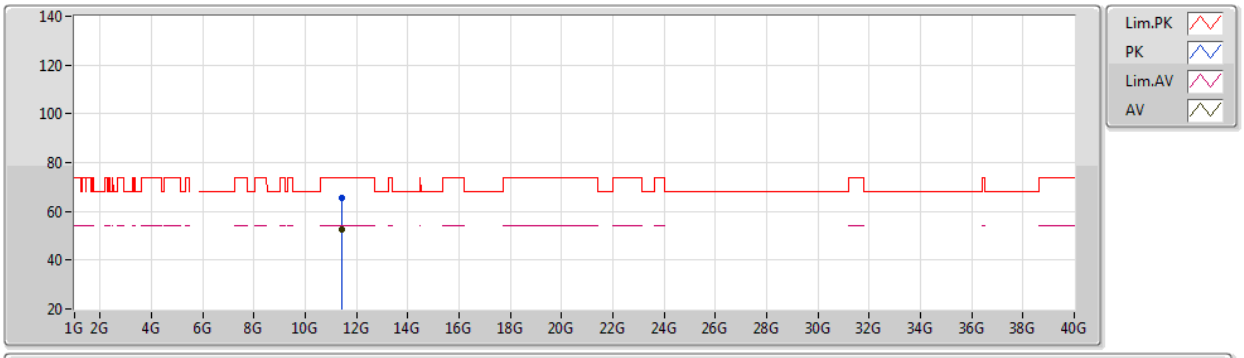
EUT Y_4TX
Setting 99
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4596G	58.78	74.00	-15.22	53.33	3	Horizontal	245	1.52	-	33.56	6.37	34.48
AV	5.4548G	46.01	54.00	-7.99	40.59	3	Horizontal	245	1.52	-	33.53	6.37	34.48
PK	5.46G	58.78	68.20	-9.42	53.33	3	Horizontal	245	1.52	-	33.56	6.37	34.48
PK	5.7116G	122.54	Inf	-Inf	116.68	3	Horizontal	245	1.52	-	34.03	6.36	34.53
AV	5.714G	110.43	Inf	-Inf	104.56	3	Horizontal	245	1.52	-	34.04	6.36	34.53
PK	5.888G	59.93	68.20	-8.27	53.33	3	Horizontal	245	1.52	-	34.74	6.44	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/02/2020



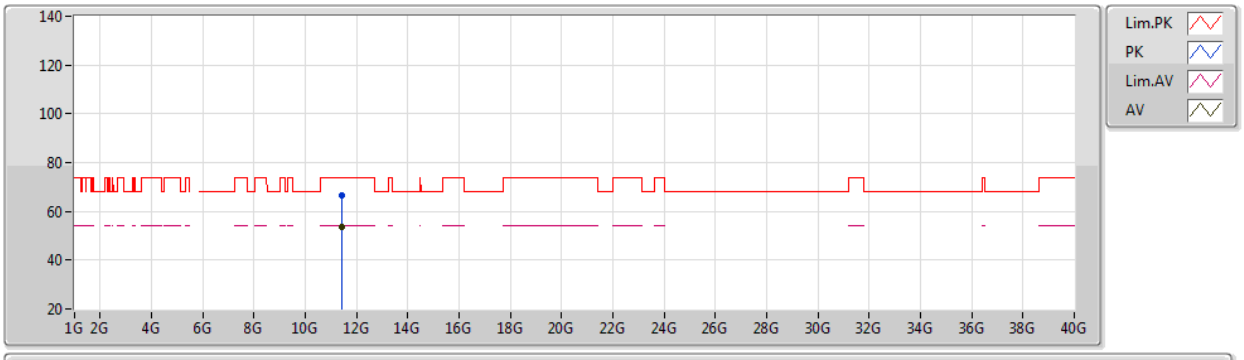
EUT Y_4TX
Setting 99
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44108G	65.48	74.00	-8.52	52.60	3	Vertical	44	1.70	-	38.44	9.24	34.80
AV	11.4454G	52.64	54.00	-1.36	39.76	3	Vertical	44	1.70	-	38.44	9.24	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz_TX

12/02/2020



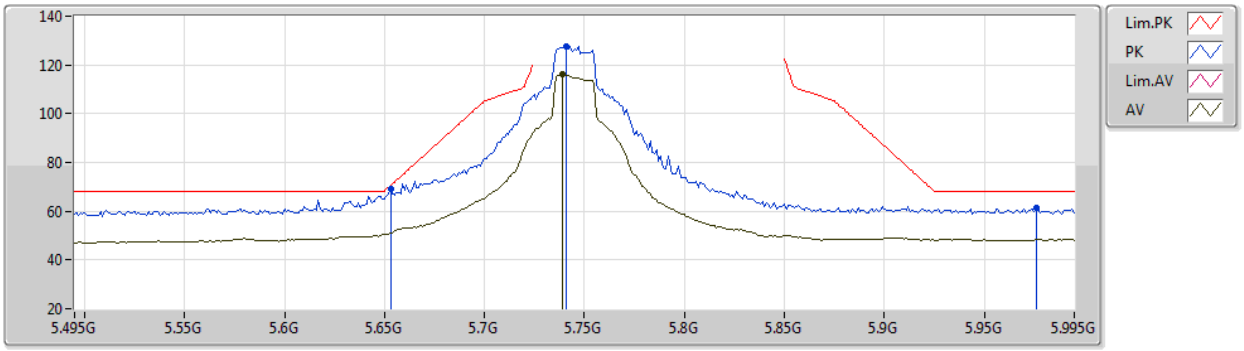
EUT Y_4TX
Setting 99
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.44132G	66.36	74.00	-7.64	53.48	3	Horizontal	256	2.49	-	38.44	9.24	34.80
AV	11.44048G	53.76	54.00	-0.24	40.88	3	Horizontal	256	2.49	-	38.44	9.24	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

12/02/2020



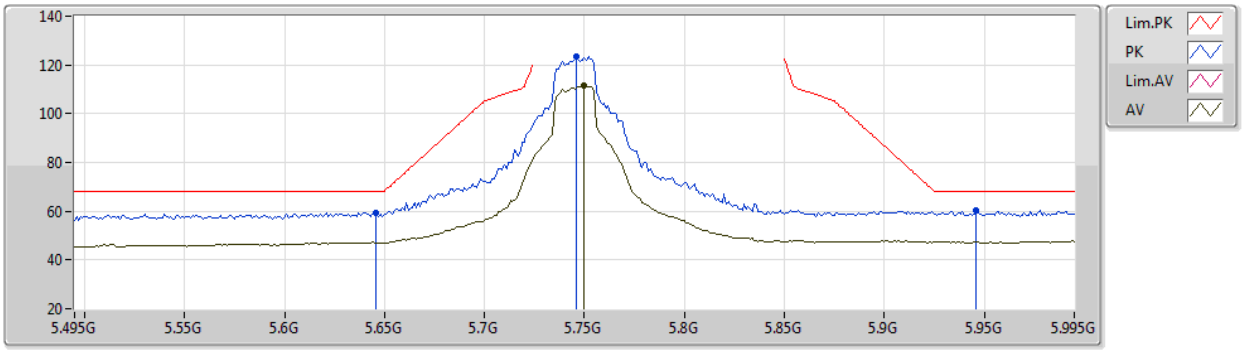
EUT Y_4TX
Setting 99
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.653G	69.04	70.42	-1.38	63.23	3	Vertical	10	1.80	-	34.00	6.33	34.52
PK	5.741G	127.82	Inf	-Inf	121.87	3	Vertical	10	1.80	-	34.12	6.37	34.54
AV	5.739G	116.10	Inf	-Inf	110.15	3	Vertical	10	1.80	-	34.12	6.37	34.54
PK	5.976G	61.13	68.20	-7.07	54.06	3	Vertical	10	1.80	-	35.18	6.49	34.60

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

12/02/2020

5745MHz_TX



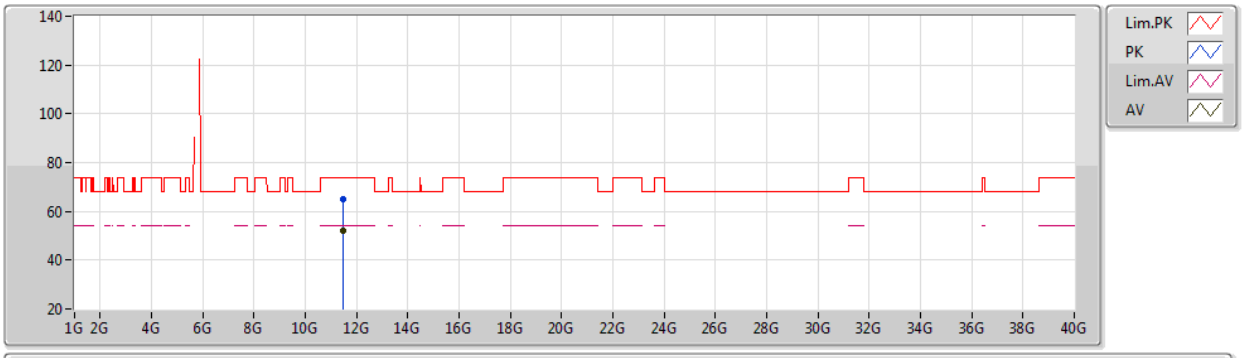
EUT Y_4TX
Setting 99
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.646G	59.41	68.20	-8.79	53.60	3	Horizontal	231	3.00	-	34.00	6.32	34.51
PK	5.746G	123.36	Inf	-Inf	117.39	3	Horizontal	231	3.00	-	34.14	6.37	34.54
AV	5.75G	111.32	Inf	-Inf	105.34	3	Horizontal	231	3.00	-	34.15	6.37	34.54
PK	5.946G	60.51	68.20	-7.69	53.60	3	Horizontal	231	3.00	-	35.03	6.47	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

12/02/2020



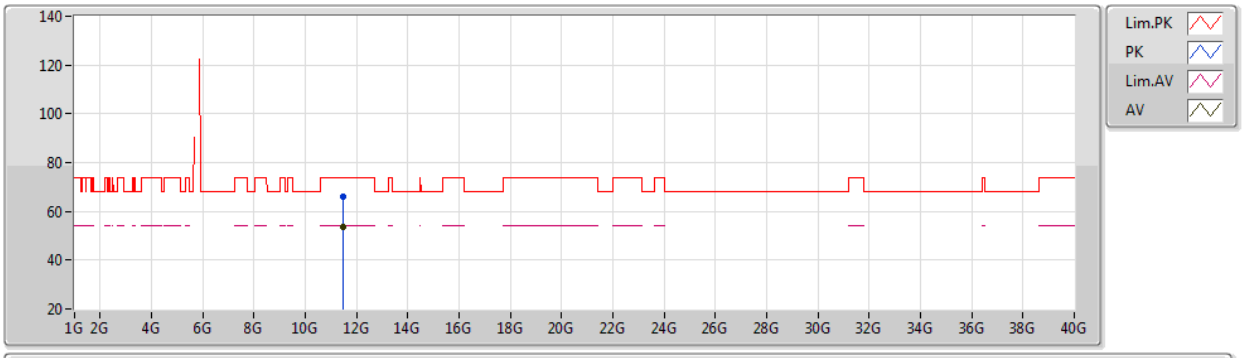
EUT Y_4TX
Setting 99
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.47608G	64.94	74.00	-9.06	52.04	3	Vertical	48	1.62	-	38.45	9.25	34.80
AV	11.48964G	51.83	54.00	-2.17	38.93	3	Vertical	48	1.62	-	38.45	9.25	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

12/02/2020



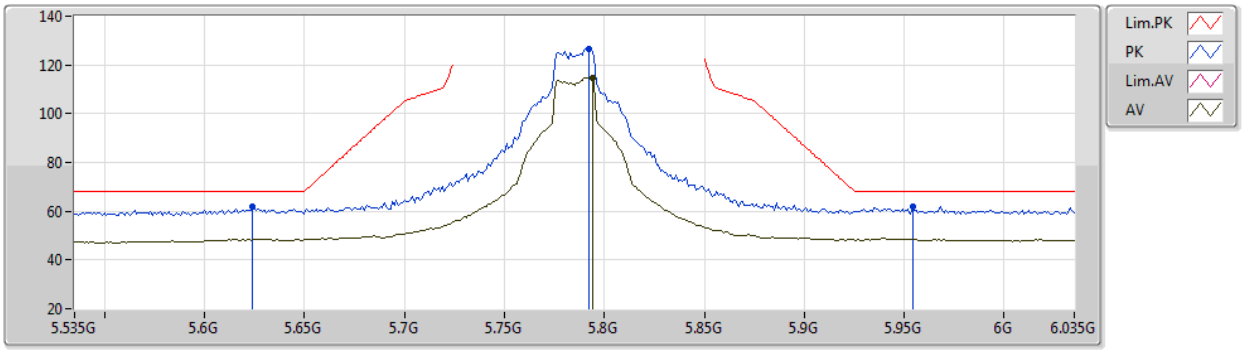
EUT Y_4TX
Setting 99
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.48484G	65.97	74.00	-8.03	53.07	3	Horizontal	250	1.54	-	38.45	9.25	34.80
AV	11.49012G	53.67	54.00	-0.33	40.77	3	Horizontal	250	1.54	-	38.45	9.25	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

12/02/2020



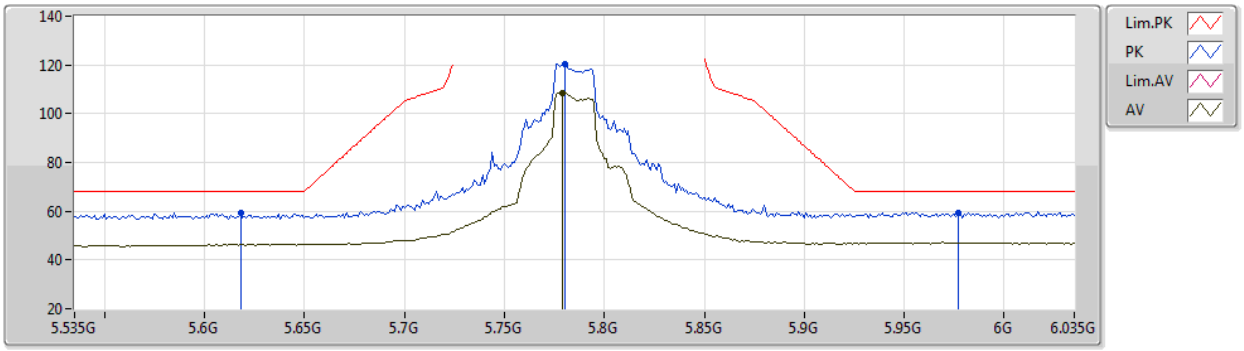
EUT Y_4TX
Setting 101
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.624G	61.66	68.20	-6.54	55.86	3	Vertical	6	1.88	-	34.00	6.31	34.51
PK	5.792G	126.79	Inf	-Inf	120.66	3	Vertical	6	1.88	-	34.28	6.40	34.55
AV	5.794G	114.75	Inf	-Inf	108.62	3	Vertical	6	1.88	-	34.28	6.40	34.55
PK	5.954G	61.97	68.20	-6.23	55.01	3	Vertical	6	1.88	-	35.07	6.48	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

12/02/2020



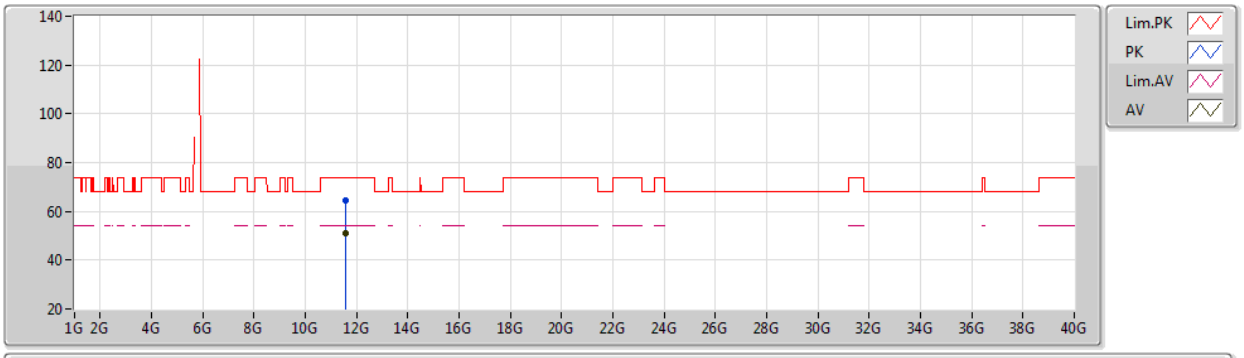
EUT Y_4TX
Setting 101
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.618G	59.22	68.20	-8.98	53.42	3	Horizontal	131	2.62	-	34.00	6.31	34.51
PK	5.78G	120.35	Inf	-Inf	114.27	3	Horizontal	131	2.62	-	34.24	6.39	34.55
AV	5.779G	108.56	Inf	-Inf	102.48	3	Horizontal	131	2.62	-	34.24	6.39	34.55
PK	5.977G	59.54	68.20	-8.66	52.46	3	Horizontal	131	2.62	-	35.19	6.49	34.60

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

12/02/2020



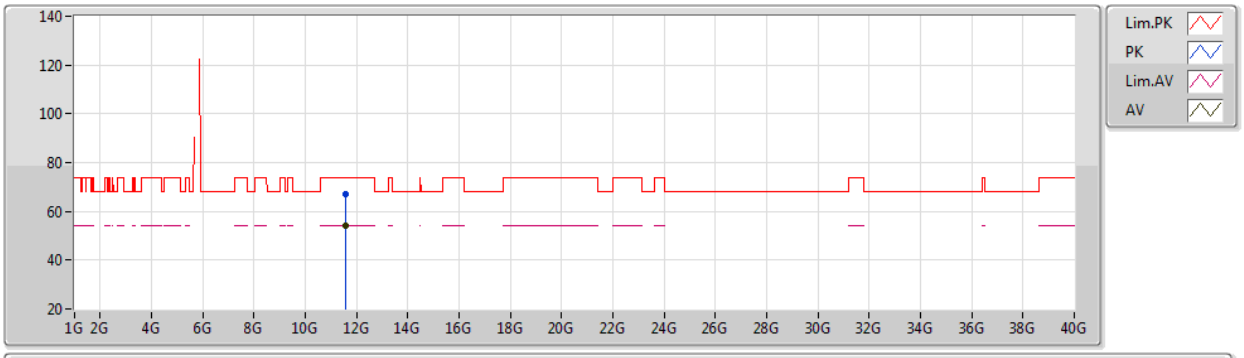
EUT Y_4TX
Setting 101
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.56592G	64.24	74.00	-9.76	51.32	3	Vertical	49	1.68	-	38.46	9.27	34.81
AV	11.56904G	50.83	54.00	-3.17	37.91	3	Vertical	49	1.68	-	38.46	9.28	34.82

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

12/02/2020



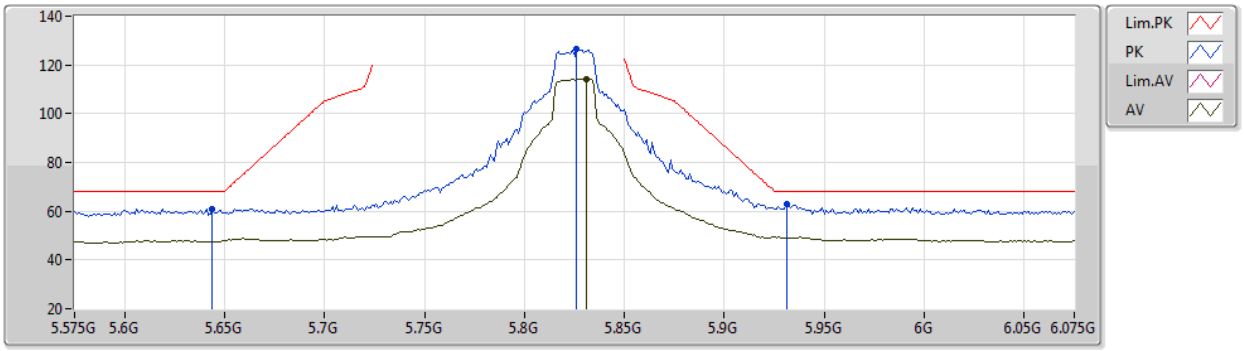
EUT Y_4TX
Setting 101
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.5526G	66.84	74.00	-7.16	53.92	3	Horizontal	250	1.54	-	38.46	9.27	34.81
AV	11.56928G	53.95	54.00	-0.05	41.03	3	Horizontal	250	1.54	-	38.46	9.28	34.82

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

12/02/2020



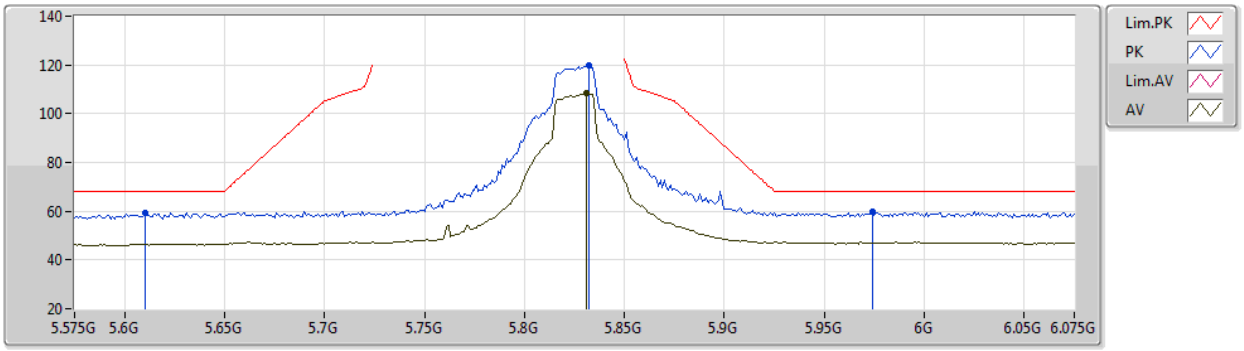
EUT Y_4TX
Setting 103
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.644G	60.92	68.20	-7.28	55.11	3	Vertical	360	1.80	-	34.00	6.32	34.51
PK	5.826G	126.80	Inf	-Inf	120.52	3	Vertical	360	1.80	-	34.43	6.41	34.56
AV	5.831G	114.36	Inf	-Inf	108.05	3	Vertical	360	1.80	-	34.45	6.42	34.56
PK	5.931G	62.83	68.20	-5.37	56.00	3	Vertical	360	1.80	-	34.95	6.47	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

12/02/2020

5825MHz_TX



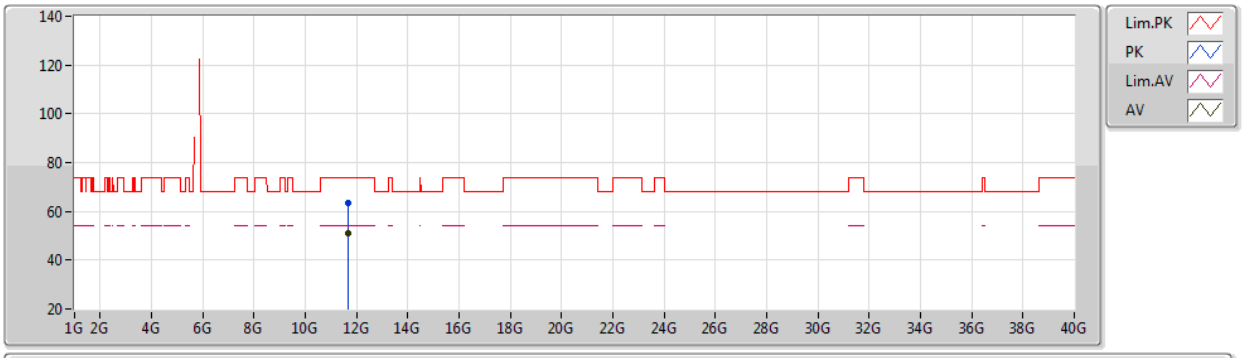
EUT Y_4TX
Setting 103
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.61G	59.29	68.20	-8.91	53.49	3	Horizontal	236	2.65	-	34.00	6.30	34.50
PK	5.832G	119.93	Inf	-Inf	113.61	3	Horizontal	236	2.65	-	34.46	6.42	34.56
AV	5.831G	108.31	Inf	-Inf	102.00	3	Horizontal	236	2.65	-	34.45	6.42	34.56
PK	5.974G	59.73	68.20	-8.47	52.66	3	Horizontal	236	2.65	-	35.17	6.49	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

12/02/2020



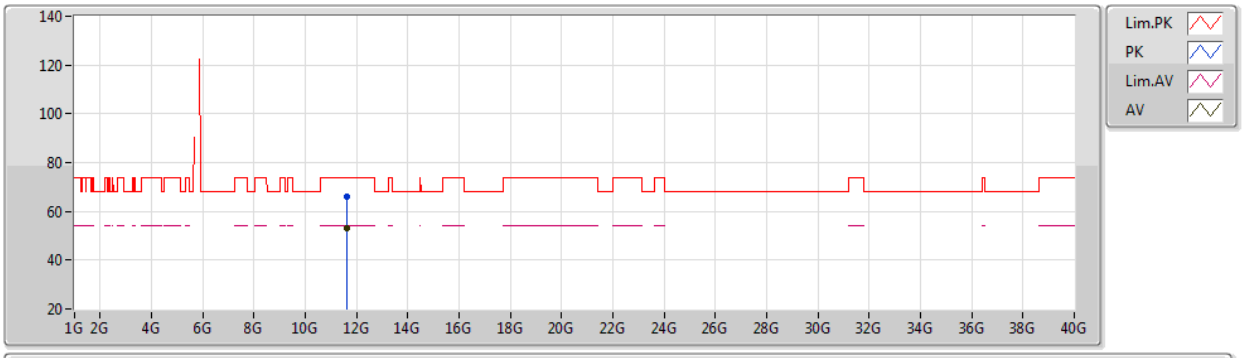
EUT Y_4TX
Setting 103
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.65396G	63.59	74.00	-10.41	50.65	3	Vertical	233	2.13	-	38.47	9.30	34.83
AV	11.64904G	50.86	54.00	-3.14	37.93	3	Vertical	233	2.13	-	38.46	9.30	34.83

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5825MHz_TX

12/02/2020



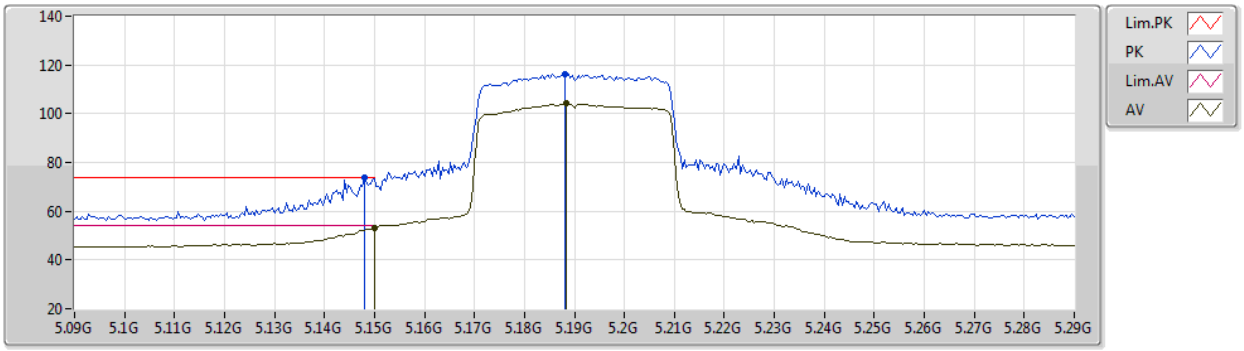
EUT Y_4TX
Setting 103
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.6458G	66.04	74.00	-7.96	53.11	3	Horizontal	247	1.56	-	38.46	9.30	34.83
AV	11.64688G	52.87	54.00	-1.13	39.94	3	Horizontal	247	1.56	-	38.46	9.30	34.83

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

12/02/2020



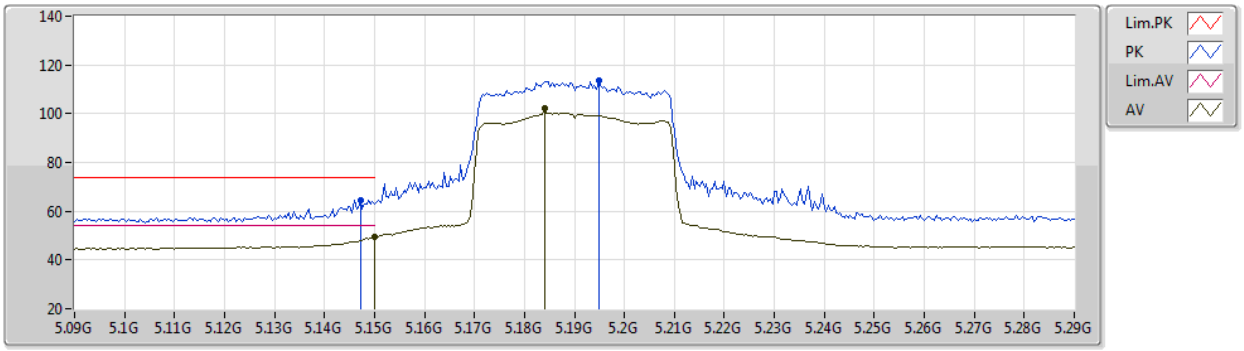
EUT Y_4TX
Setting 65
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.148G	73.82	74.00	-0.18	69.60	3	Vertical	195	2.02	-	32.80	5.87	34.45
AV	5.15G	52.92	54.00	-1.08	48.70	3	Vertical	195	2.02	-	32.80	5.87	34.45
PK	5.188G	116.27	Inf	-Inf	112.04	3	Vertical	195	2.02	-	32.80	5.89	34.46
AV	5.1884G	104.13	Inf	-Inf	99.90	3	Vertical	195	2.02	-	32.80	5.89	34.46

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

12/02/2020



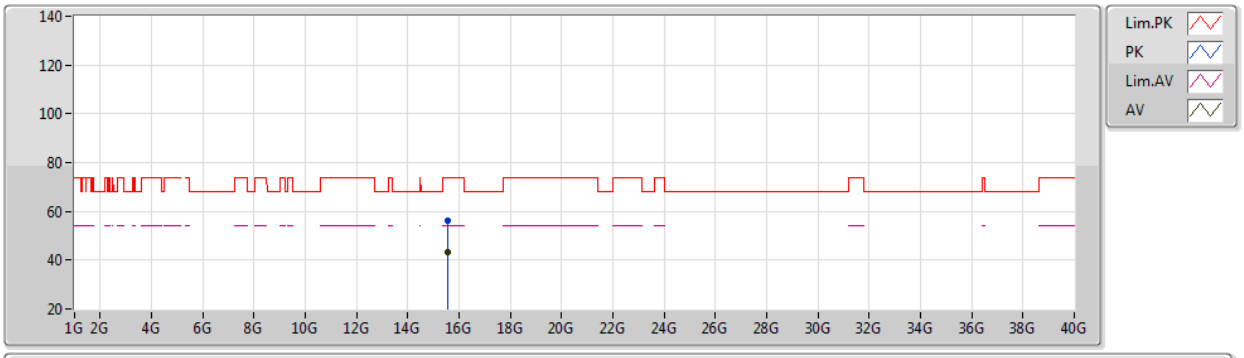
EUT Y_4TX
Setting 65
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1472G	64.67	74.00	-9.33	60.45	3	Horizontal	246	1.79	-	32.80	5.87	34.45
AV	5.15G	49.63	54.00	-4.37	45.41	3	Horizontal	246	1.79	-	32.80	5.87	34.45
PK	5.1948G	113.41	Inf	-Inf	109.17	3	Horizontal	246	1.79	-	32.80	5.90	34.46
AV	5.184G	102.38	Inf	-Inf	98.15	3	Horizontal	246	1.79	-	32.80	5.89	34.46

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

12/02/2020



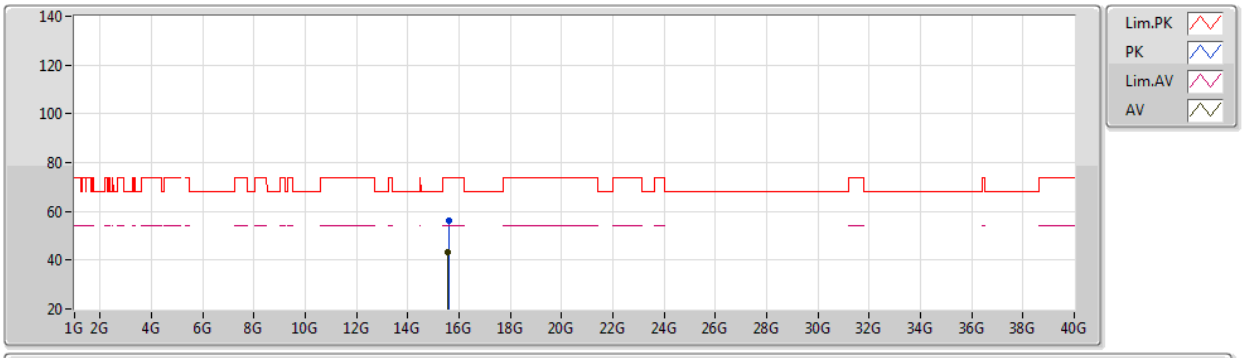
EUT Y_4TX
Setting 65
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.56328G	56.36	74.00	-17.64	42.51	3	Vertical	170	1.37	-	38.75	9.78	34.68
AV	15.5496G	43.24	54.00	-10.76	29.36	3	Vertical	170	1.37	-	38.76	9.79	34.67

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5190MHz_TX

12/02/2020



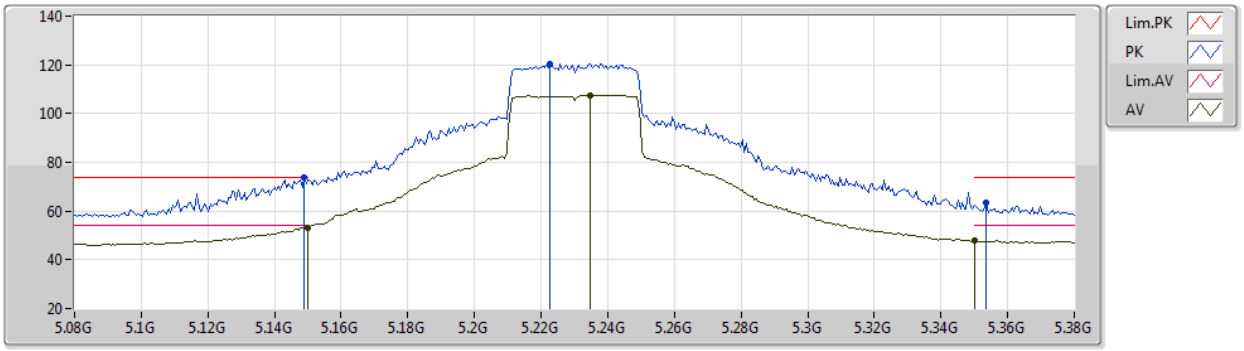
EUT Y_4TX
Setting 65
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.59724G	56.41	74.00	-17.59	42.63	3	Horizontal	324	1.96	-	38.72	9.78	34.72
AV	15.54132G	43.33	54.00	-10.67	29.43	3	Horizontal	324	1.96	-	38.77	9.79	34.66

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

12/02/2020



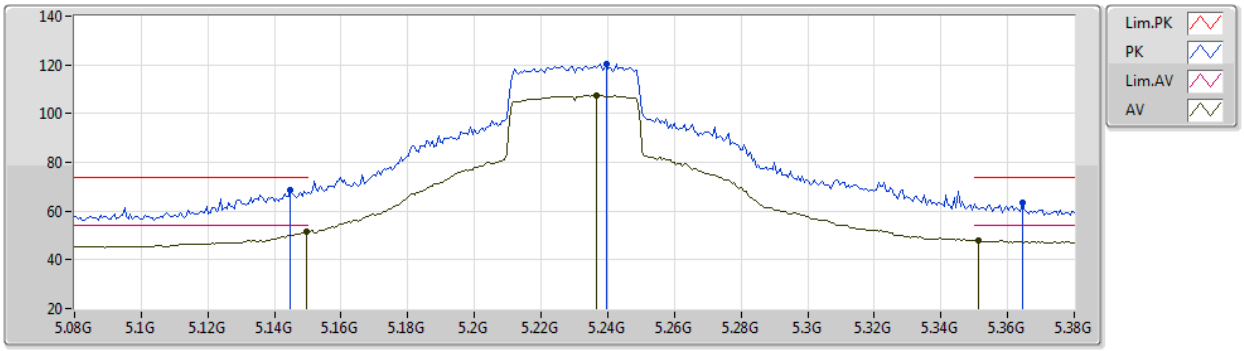
EUT Y_4TX
Setting 85
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.149G	73.91	74.00	-0.09	69.69	3	Vertical	205	1.78	-	32.80	5.87	34.45
AV	5.15G	53.20	54.00	-0.80	48.98	3	Vertical	205	1.78	-	32.80	5.87	34.45
PK	5.2228G	120.59	Inf	-Inf	116.22	3	Vertical	205	1.78	-	32.87	5.96	34.46
AV	5.2348G	107.57	Inf	-Inf	103.14	3	Vertical	205	1.78	-	32.90	5.99	34.46
PK	5.3536G	63.66	74.00	-10.34	58.69	3	Vertical	205	1.78	-	33.15	6.29	34.47
AV	5.35G	47.84	54.00	-6.16	42.87	3	Vertical	205	1.78	-	33.15	6.29	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5230MHz_TX

12/02/2020



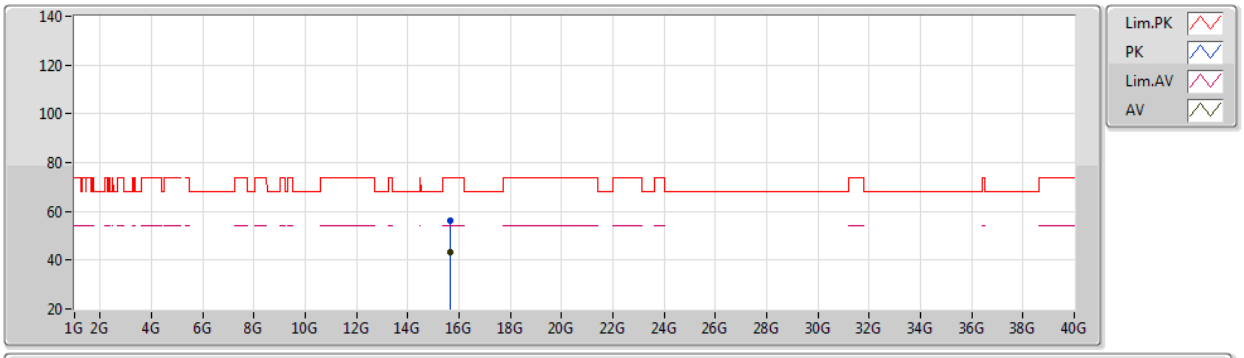
EUT Y_4TX
Setting 85
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1448G	68.46	74.00	-5.54	64.24	3	Horizontal	11	1.11	-	32.80	5.87	34.45
AV	5.1496G	51.62	54.00	-2.38	47.40	3	Horizontal	11	1.11	-	32.80	5.87	34.45
PK	5.2396G	120.47	Inf	-Inf	116.00	3	Horizontal	11	1.11	-	32.92	6.01	34.46
AV	5.2366G	107.40	Inf	-Inf	102.95	3	Horizontal	11	1.11	-	32.91	6.00	34.46
PK	5.3644G	63.31	74.00	-10.69	58.30	3	Horizontal	11	1.11	-	33.16	6.32	34.47
AV	5.3512G	48.18	54.00	-5.82	43.21	3	Horizontal	11	1.11	-	33.15	6.29	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/02/2020

5230MHz_TX



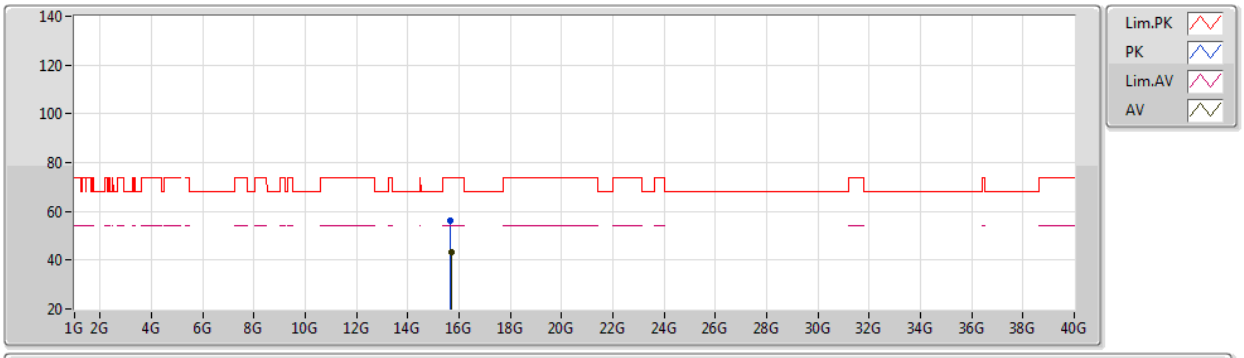
EUT Y_4TX
Setting 85
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.67488G	56.03	74.00	-17.97	42.42	3	Vertical	52	2.63	-	38.66	9.76	34.81
AV	15.66996G	43.10	54.00	-10.90	29.48	3	Vertical	52	2.63	-	38.66	9.76	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/02/2020

5230MHz_TX



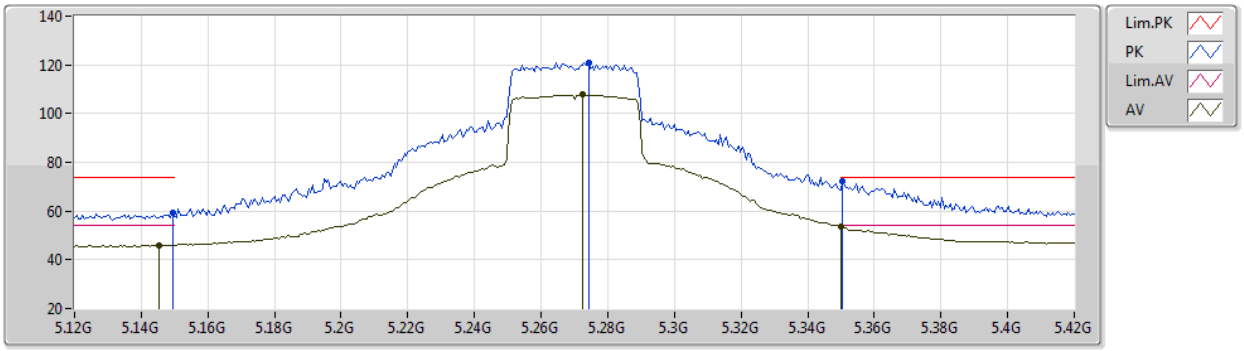
EUT Y_4TX
Setting 85
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.6756G	56.14	74.00	-17.86	42.53	3	Horizontal	125	2.15	-	38.66	9.76	34.81
AV	15.69744G	43.19	54.00	-10.81	29.63	3	Horizontal	125	2.15	-	38.64	9.76	34.84

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

12/02/2020



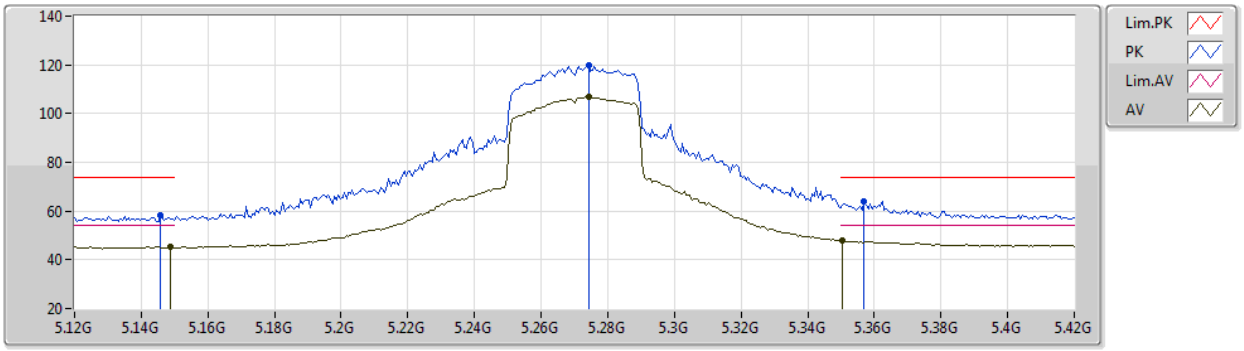
EUT Y_4TX
Setting 83
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1494G	59.37	74.00	-14.63	55.15	3	Vertical	7	1.78	-	32.80	5.87	34.45
AV	5.1452G	46.05	54.00	-7.95	41.83	3	Vertical	7	1.78	-	32.80	5.87	34.45
PK	5.2742G	120.72	Inf	-Inf	116.06	3	Vertical	7	1.78	-	33.02	6.10	34.46
AV	5.2724G	107.75	Inf	-Inf	103.09	3	Vertical	7	1.78	-	33.02	6.10	34.46
PK	5.3504G	72.11	74.00	-1.89	67.14	3	Vertical	7	1.78	-	33.15	6.29	34.47
AV	5.35G	53.78	54.00	-0.22	48.81	3	Vertical	7	1.78	-	33.15	6.29	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

12/02/2020



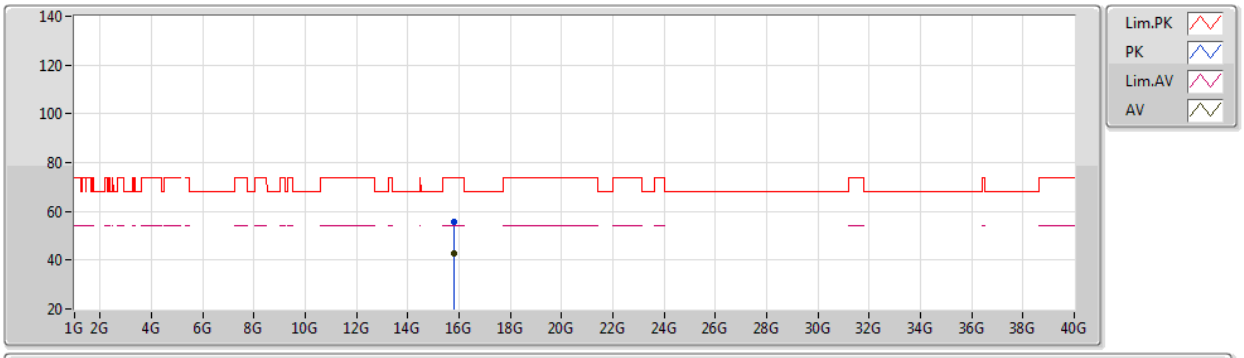
EUT Y_4TX
Setting 83
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1458G	58.14	74.00	-15.86	53.92	3	Horizontal	246	1.80	-	32.80	5.87	34.45
AV	5.1488G	45.37	54.00	-8.63	41.15	3	Horizontal	246	1.80	-	32.80	5.87	34.45
PK	5.2742G	119.59	Inf	-Inf	114.93	3	Horizontal	246	1.80	-	33.02	6.10	34.46
AV	5.2742G	106.82	Inf	-Inf	102.16	3	Horizontal	246	1.80	-	33.02	6.10	34.46
PK	5.357G	64.15	74.00	-9.85	59.16	3	Horizontal	246	1.80	-	33.16	6.30	34.47
AV	5.3504G	47.87	54.00	-6.13	42.90	3	Horizontal	246	1.80	-	33.15	6.29	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

12/02/2020



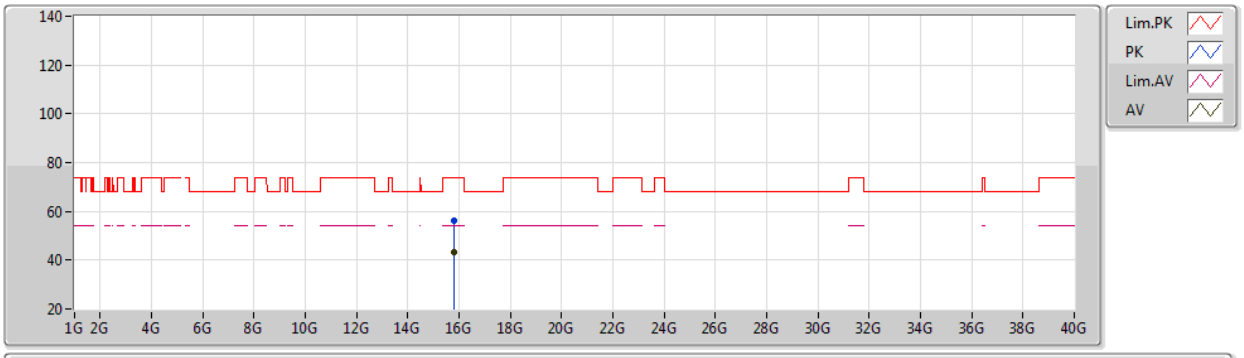
EUT Y_4TX
Setting 83
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.81624G	55.73	74.00	-18.27	42.42	3	Vertical	260	1.74	-	38.55	9.73	34.97
AV	15.8244G	42.93	54.00	-11.07	29.64	3	Vertical	260	1.74	-	38.54	9.73	34.98

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

12/02/2020



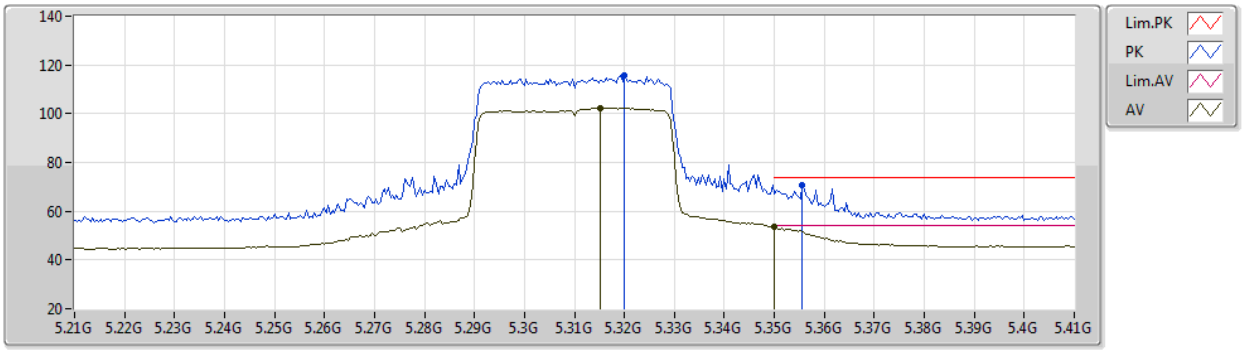
EUT Y_4TX
Setting 83
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.81252G	56.06	74.00	-17.94	42.74	3	Horizontal	175	2.96	-	38.55	9.74	34.97
AV	15.80856G	43.03	54.00	-10.97	29.70	3	Horizontal	175	2.96	-	38.55	9.74	34.96

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

12/02/2020



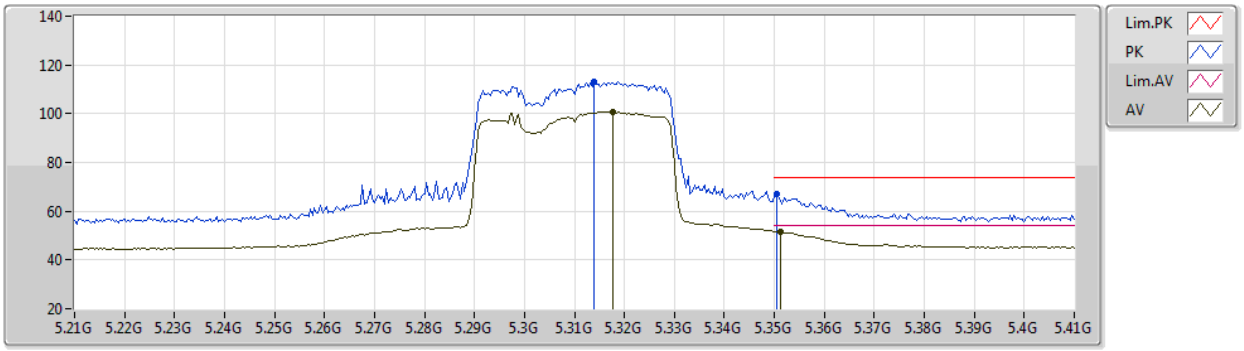
EUT Y_4TX
Setting 62
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.32G	115.53	Inf	-Inf	110.65	3	Vertical	0	1.76	-	33.12	6.22	34.46
AV	5.3152G	102.28	Inf	-Inf	97.42	3	Vertical	0	1.76	-	33.12	6.20	34.46
PK	5.3556G	70.55	74.00	-3.45	65.56	3	Vertical	0	1.76	-	33.16	6.30	34.47
AV	5.35G	53.77	54.00	-0.23	48.80	3	Vertical	0	1.76	-	33.15	6.29	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

12/02/2020



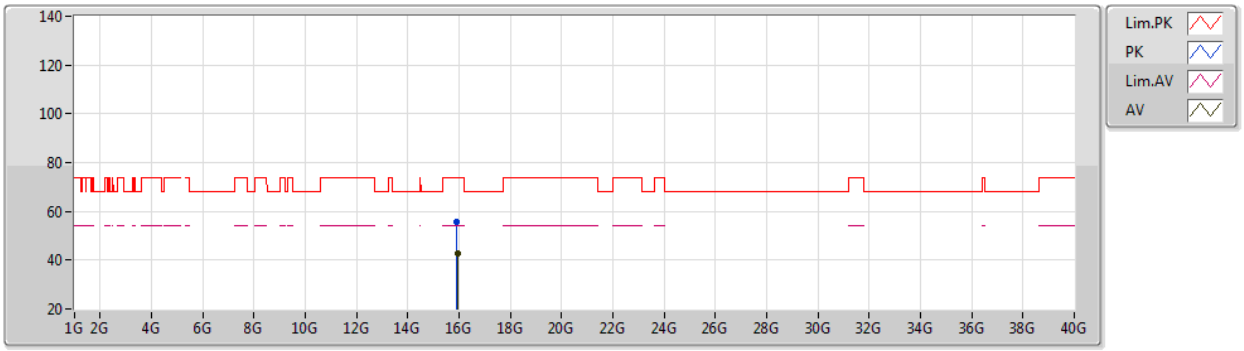
EUT Y_4TX
Setting 62
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.314G	113.28	Inf	-Inf	108.43	3	Horizontal	251	1.89	-	33.11	6.20	34.46
AV	5.3176G	100.85	Inf	-Inf	95.98	3	Horizontal	251	1.89	-	33.12	6.21	34.46
PK	5.3504G	67.17	74.00	-6.83	62.20	3	Horizontal	251	1.89	-	33.15	6.29	34.47
AV	5.3512G	51.66	54.00	-2.34	46.69	3	Horizontal	251	1.89	-	33.15	6.29	34.47

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

12/02/2020



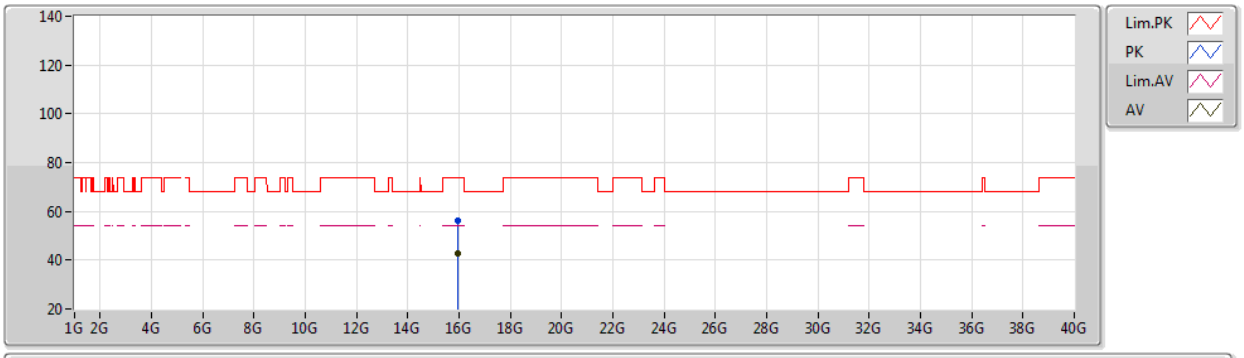
EUT Y_4TX
Setting 62
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.92052G	55.81	74.00	-18.19	42.72	3	Vertical	117	1.72	-	38.46	9.72	35.09
AV	15.93752G	42.98	54.00	-11.02	29.93	3	Vertical	117	1.72	-	38.45	9.71	35.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

12/02/2020



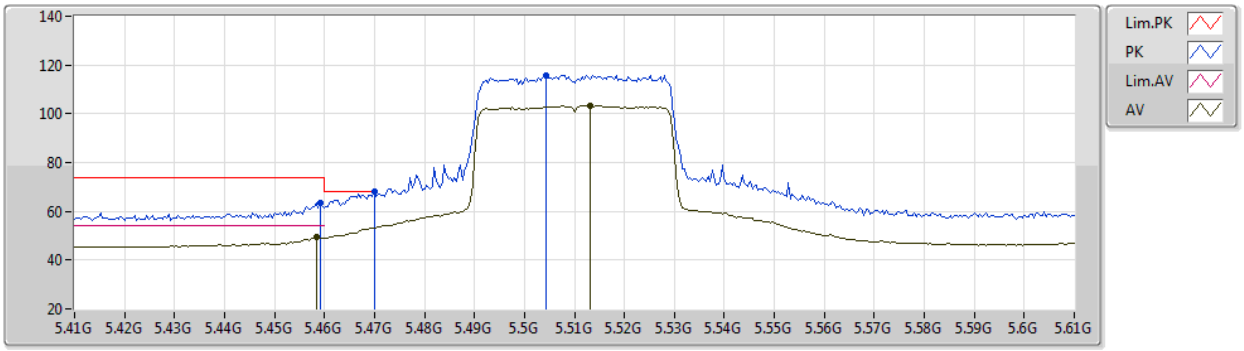
EUT Y_4TX
Setting 62
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	15.93044G	56.07	74.00	-17.93	43.00	3	Horizontal	287	1.78	-	38.46	9.71	35.10
AV	15.9382G	42.97	54.00	-11.03	29.92	3	Horizontal	287	1.78	-	38.45	9.71	35.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/02/2020

5510MHz_TX



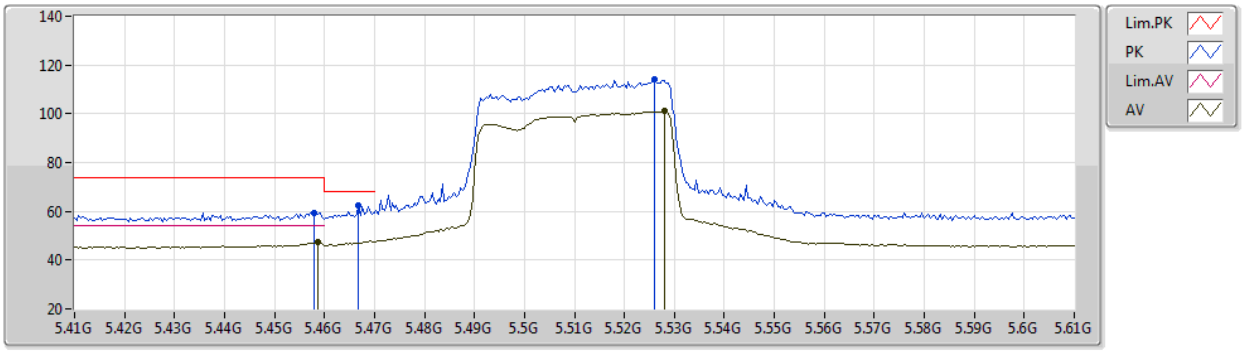
EUT Y_4TX
Setting 63
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4592G	63.64	74.00	-10.36	58.19	3	Vertical	359	1.76	-	33.56	6.37	34.48
AV	5.4584G	49.42	54.00	-4.58	43.98	3	Vertical	359	1.76	-	33.55	6.37	34.48
PK	5.47G	68.03	68.20	-0.17	62.52	3	Vertical	359	1.76	-	33.62	6.37	34.48
PK	5.5044G	115.89	Inf	-Inf	110.21	3	Vertical	359	1.76	-	33.81	6.35	34.48
AV	5.5132G	103.28	Inf	-Inf	97.59	3	Vertical	359	1.76	-	33.83	6.34	34.48

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

12/02/2020



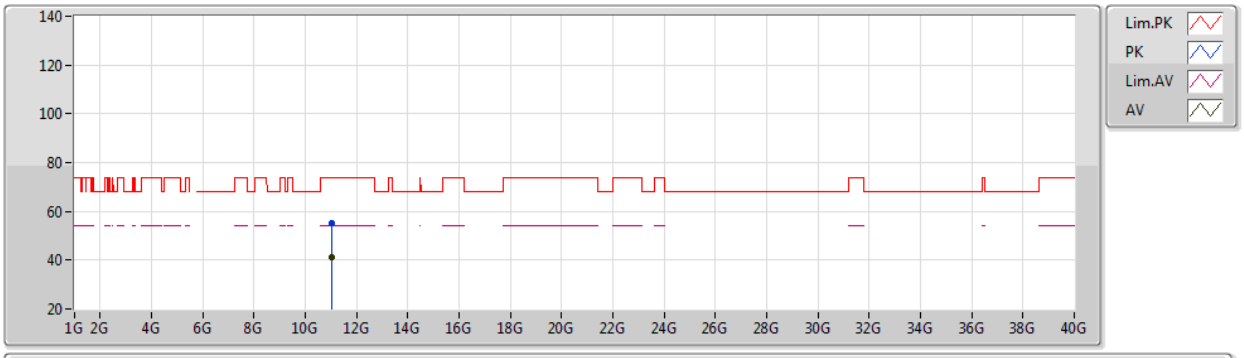
EUT Y_4TX
Setting 63
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.458G	59.45	74.00	-14.55	54.01	3	Horizontal	240	1.80	-	33.55	6.37	34.48
AV	5.4588G	47.30	54.00	-6.70	41.86	3	Horizontal	240	1.80	-	33.55	6.37	34.48
PK	5.4668G	62.40	68.20	-5.80	56.91	3	Horizontal	240	1.80	-	33.60	6.37	34.48
PK	5.526G	114.05	Inf	-Inf	108.35	3	Horizontal	240	1.80	-	33.85	6.34	34.49
AV	5.528G	101.16	Inf	-Inf	95.45	3	Horizontal	240	1.80	-	33.86	6.34	34.49

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

12/02/2020



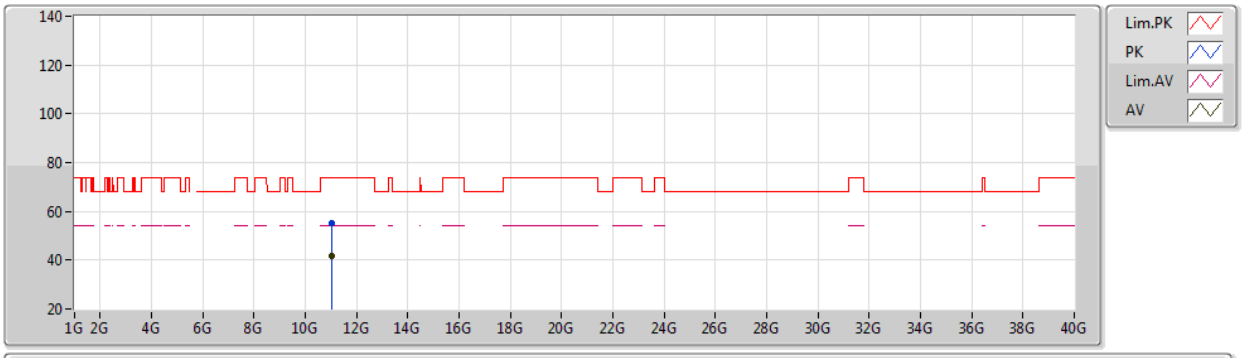
EUT Y_4TX
Setting 63
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.0146G	55.09	74.00	-18.91	42.31	3	Vertical	37	2.78	-	38.40	9.11	34.73
AV	11.0182G	41.27	54.00	-12.73	28.48	3	Vertical	37	2.78	-	38.40	9.12	34.73

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5510MHz_TX

12/02/2020



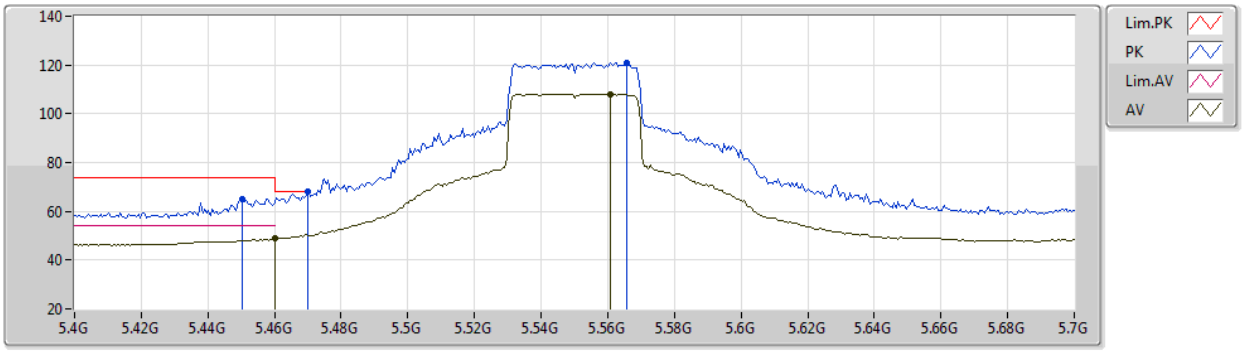
EUT Y_4TX
Setting 63
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.01964G	55.31	74.00	-18.69	42.52	3	Horizontal	318	1.66	-	38.40	9.12	34.73
AV	11.01548G	41.61	54.00	-12.39	28.83	3	Horizontal	318	1.66	-	38.40	9.11	34.73

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/02/2020

5550MHz_TX



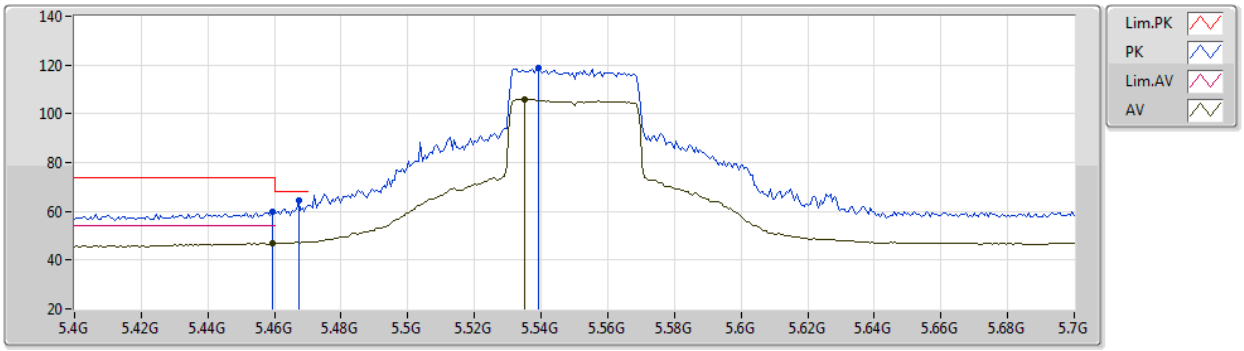
EUT Y_4TX
Setting 86
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4504G	65.03	74.00	-8.97	59.64	3	Vertical	9	1.80	-	33.50	6.37	34.48
AV	5.46G	48.74	54.00	-5.26	43.29	3	Vertical	9	1.80	-	33.56	6.37	34.48
PK	5.47G	67.96	68.20	-0.24	62.45	3	Vertical	9	1.80	-	33.62	6.37	34.48
PK	5.5656G	121.10	Inf	-Inf	115.34	3	Vertical	9	1.80	-	33.93	6.32	34.49
AV	5.5608G	108.12	Inf	-Inf	102.37	3	Vertical	9	1.80	-	33.92	6.32	34.49

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5550MHz_TX

12/02/2020



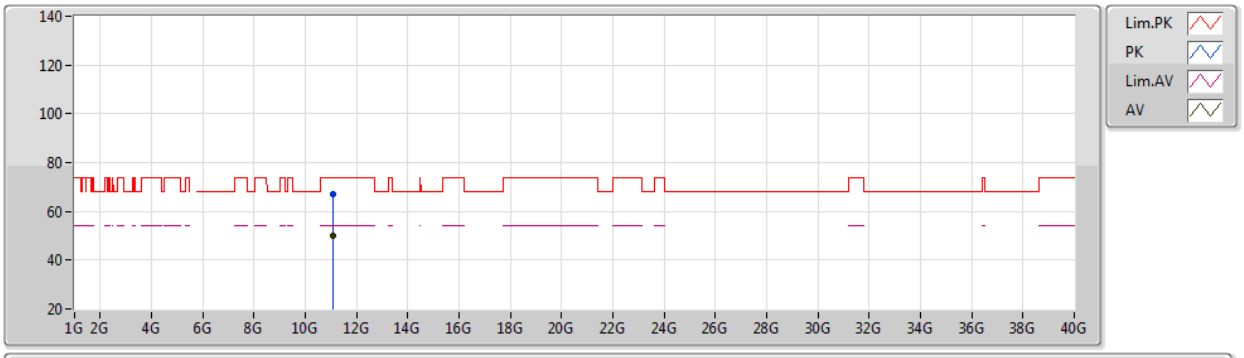
EUT Y_4TX
Setting 86
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4594G	60.02	74.00	-13.98	54.57	3	Horizontal	245	1.83	-	33.56	6.37	34.48
AV	5.4594G	46.89	54.00	-7.11	41.44	3	Horizontal	245	1.83	-	33.56	6.37	34.48
PK	5.4672G	64.39	68.20	-3.81	58.90	3	Horizontal	245	1.83	-	33.60	6.37	34.48
PK	5.5392G	118.79	Inf	-Inf	113.07	3	Horizontal	245	1.83	-	33.88	6.33	34.49
AV	5.535G	105.79	Inf	-Inf	100.08	3	Horizontal	245	1.83	-	33.87	6.33	34.49

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/02/2020

5550MHz_TX



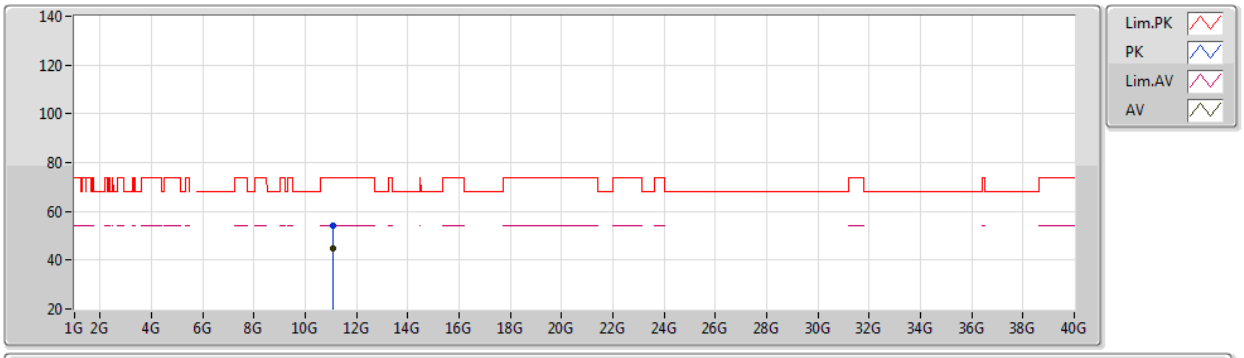
EUT Y_4TX
Setting 86
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.09988G	67.30	74.00	-6.70	54.49	3	Vertical	44	1.77	-	38.41	9.14	34.74
AV	11.079G	49.93	54.00	-4.07	37.13	3	Vertical	44	1.77	-	38.41	9.13	34.74

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/02/2020

5550MHz_TX



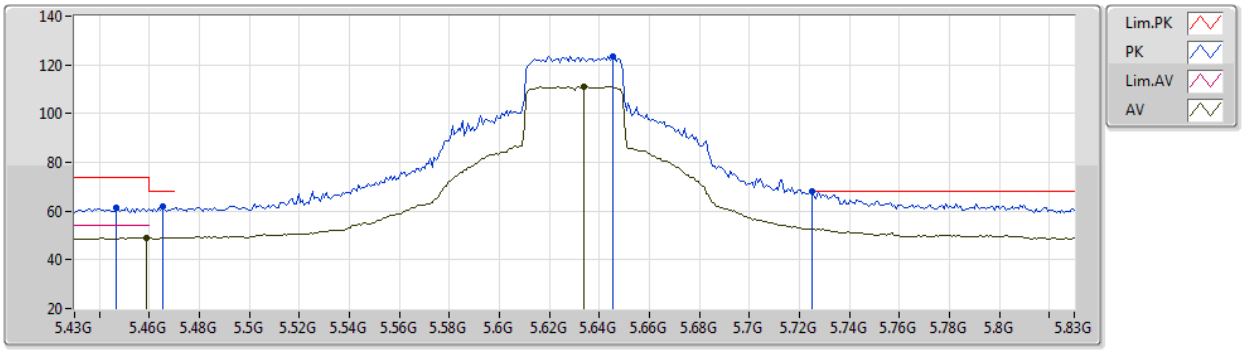
EUT Y_4TX
Setting 86
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.08854G	54.37	74.00	-19.63	41.56	3	Horizontal	161	1.42	-	38.41	9.14	34.74
AV	11.09874G	44.63	54.00	-9.37	31.82	3	Horizontal	161	1.42	-	38.41	9.14	34.74

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5630MHz_TX

12/02/2020



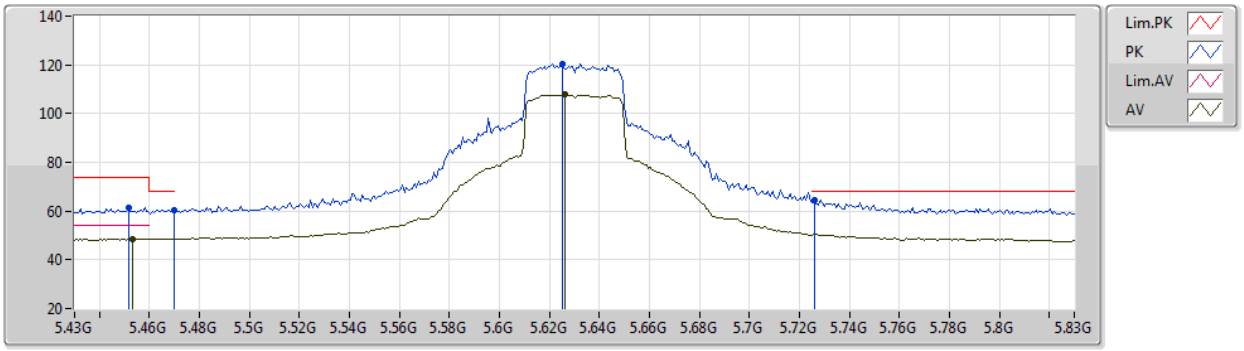
EUT Y_4TX
Setting 92
03-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4468G	61.54	74.00	-12.46	55.10	3	Vertical	4	1.80	-	34.45	6.97	34.98
PK	5.4652G	61.86	68.20	-6.34	55.40	3	Vertical	4	1.80	-	34.47	6.98	34.99
AV	5.4588G	48.96	54.00	-5.04	42.51	3	Vertical	4	1.80	-	34.46	6.98	34.99
PK	5.6452G	123.53	Inf	-Inf	117.13	3	Vertical	4	1.80	-	34.35	7.02	34.97
AV	5.634G	111.09	Inf	-Inf	104.67	3	Vertical	4	1.80	-	34.37	7.02	34.97
PK	5.7252G	68.15	68.20	-0.05	61.76	3	Vertical	4	1.80	-	34.30	7.03	34.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5630MHz_TX

12/02/2020



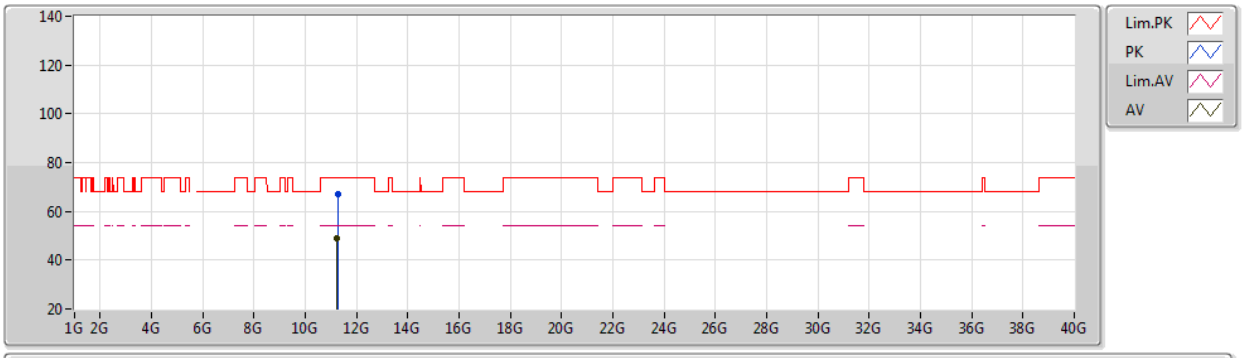
EUT Y_4TX
Setting 92
03-A-B-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.4516G	61.45	74.00	-12.55	55.01	3	Horizontal	255	1.80	-	34.45	6.97	34.98
AV	5.4532G	48.66	54.00	-5.34	42.22	3	Horizontal	255	1.80	-	34.45	6.97	34.98
PK	5.47G	60.57	68.20	-7.63	54.10	3	Horizontal	255	1.80	-	34.47	6.99	34.99
PK	5.6252G	120.44	Inf	-Inf	114.02	3	Horizontal	255	1.80	-	34.37	7.02	34.97
AV	5.626G	107.70	Inf	-Inf	101.28	3	Horizontal	255	1.80	-	34.37	7.02	34.97
PK	5.726G	64.51	68.20	-3.69	58.12	3	Horizontal	255	1.80	-	34.30	7.03	34.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5630MHz_TX

12/02/2020



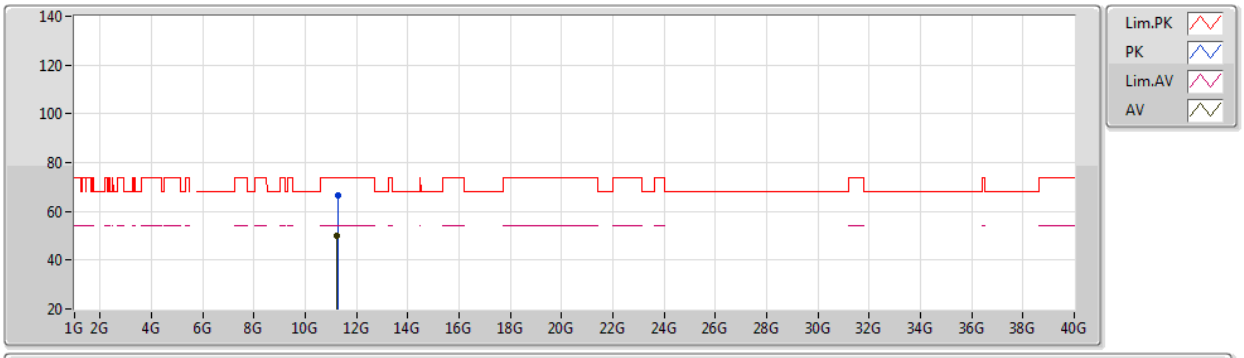
EUT Y_4TX
Setting 92
03-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.25994G	66.84	74.00	-7.16	52.67	3	Vertical	255	1.80	-	38.68	10.13	34.64
AV	11.24572G	49.14	54.00	-4.86	34.97	3	Vertical	255	1.80	-	38.67	10.13	34.63

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5630MHz_TX

12/02/2020



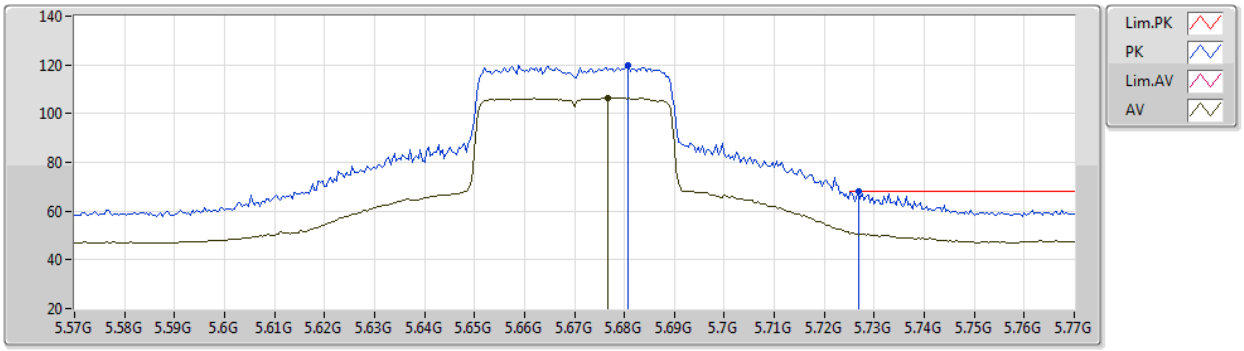
EUT Y_4TX
Setting 92
03-A-B-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.25988G	66.54	74.00	-7.46	52.37	3	Horizontal	224	1.61	-	38.68	10.13	34.64
AV	11.25358G	50.14	54.00	-3.86	35.97	3	Horizontal	224	1.61	-	38.68	10.13	34.64

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

12/02/2020



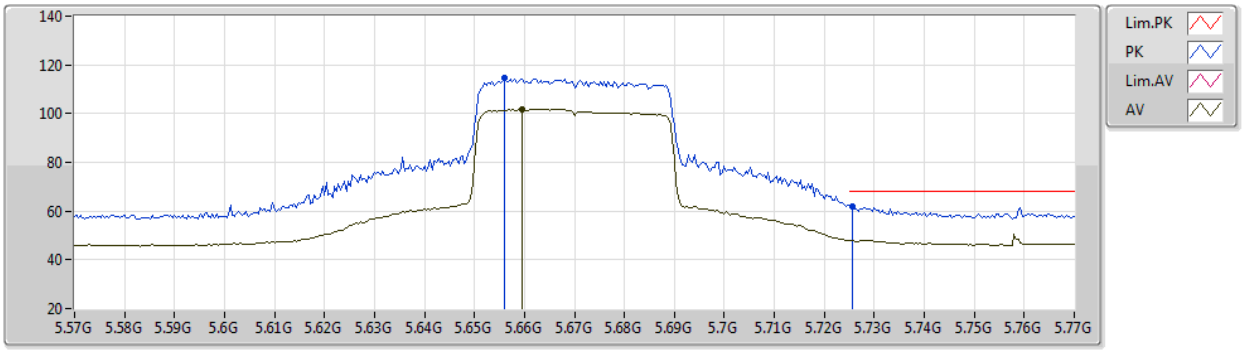
EUT Y_4TX
Setting 74
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.6808G	119.80	Inf	-Inf	113.98	3	Vertical	5	1.77	-	34.00	6.34	34.52
AV	5.6768G	106.61	Inf	-Inf	100.79	3	Vertical	5	1.77	-	34.00	6.34	34.52
PK	5.7268G	68.08	68.20	-0.12	62.18	3	Vertical	5	1.77	-	34.08	6.36	34.54

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

12/02/2020



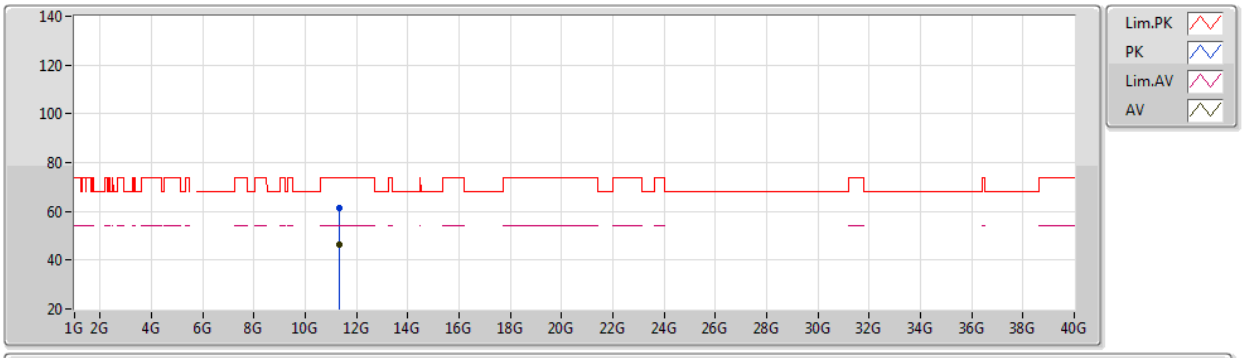
EUT Y_4TX
Setting 74
01-B-C-4-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.656G	114.64	Inf	-Inf	108.83	3	Horizontal	244	3.00	-	34.00	6.33	34.52
AV	5.6596G	101.76	Inf	-Inf	95.95	3	Horizontal	244	3.00	-	34.00	6.33	34.52
PK	5.7256G	62.01	68.20	-6.19	56.11	3	Horizontal	244	3.00	-	34.08	6.36	34.54

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

12/02/2020



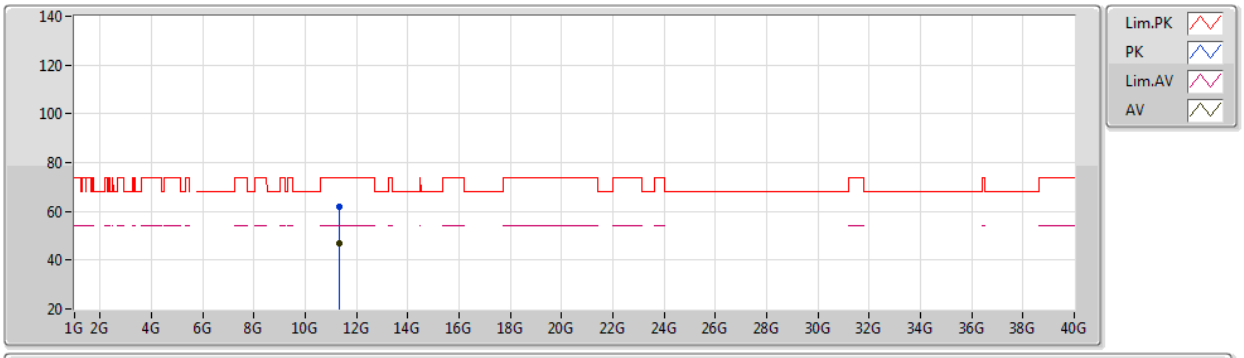
EUT Y_4TX
Setting 74
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.34012G	61.35	74.00	-12.65	48.49	3	Vertical	49	1.73	-	38.43	9.21	34.78
AV	11.3172G	46.24	54.00	-7.76	33.39	3	Vertical	49	1.73	-	38.43	9.20	34.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5670MHz_TX

12/02/2020



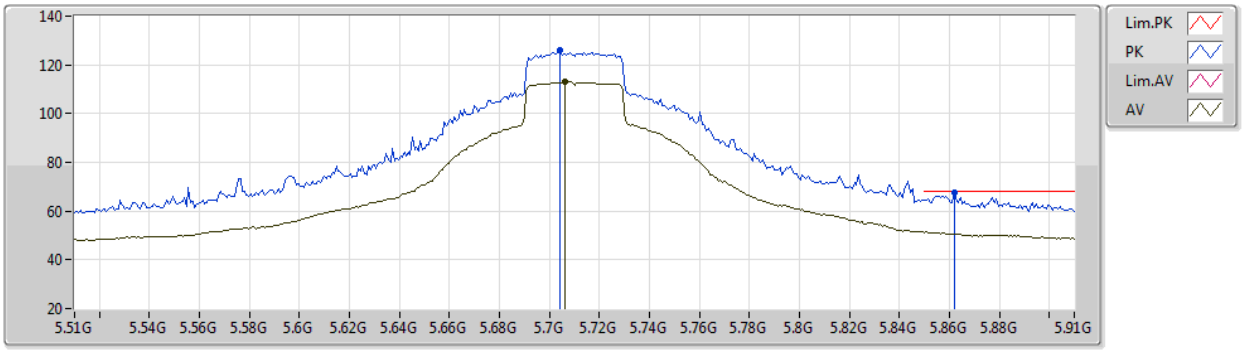
EUT Y_4TX
Setting 74
01-B-C-4

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.33988G	61.70	74.00	-12.30	48.84	3	Horizontal	274	1.63	-	38.43	9.21	34.78
AV	11.32176G	46.77	54.00	-7.23	33.92	3	Horizontal	274	1.63	-	38.43	9.20	34.78

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

12/02/2020



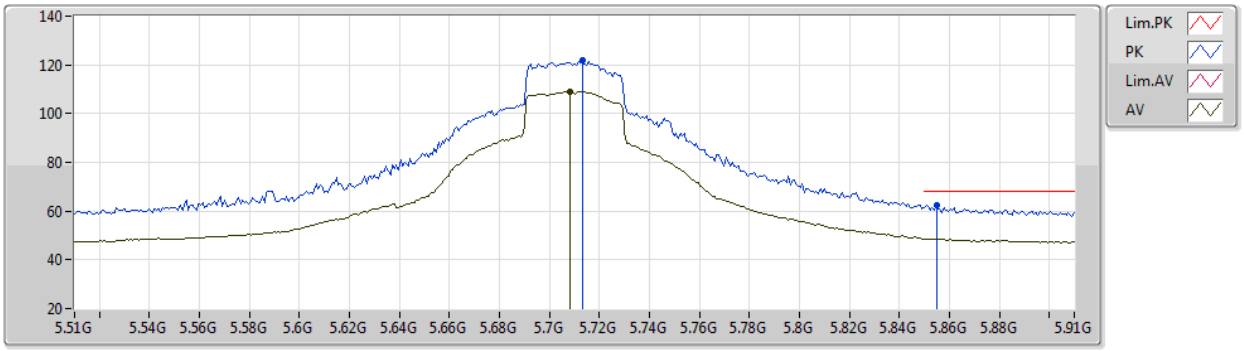
EUT Y_4TX
Setting 102
01-B-G-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7044G	125.79	Inf	-Inf	119.96	3	Vertical	359	1.80	-	34.01	6.35	34.53
AV	5.706G	113.02	Inf	-Inf	107.18	3	Vertical	359	1.80	-	34.02	6.35	34.53
PK	5.862G	67.80	68.20	-0.40	61.33	3	Vertical	359	1.80	-	34.61	6.43	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/02/2020

5710MHz Straddle 5.47-5.725GHz_TX



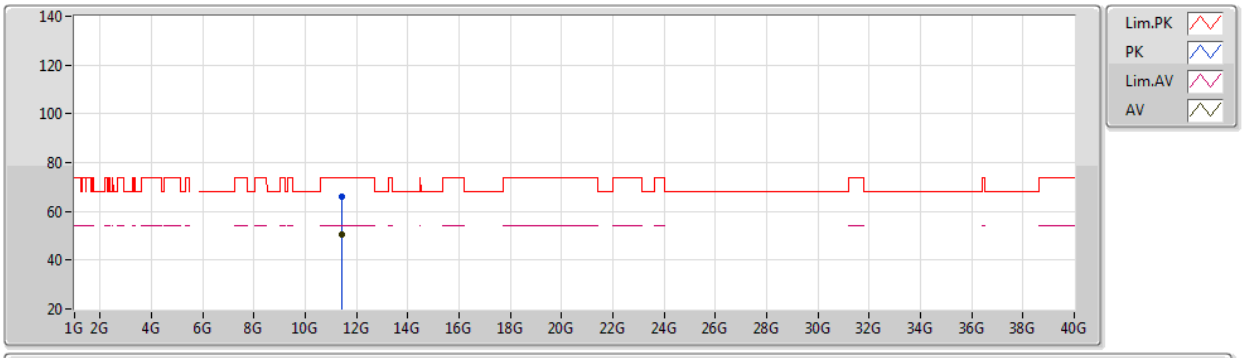
EUT Y_4TX
Setting 102
01-B-G-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.7132G	122.11	Inf	-Inf	116.24	3	Horizontal	247	1.83	-	34.04	6.36	34.53
AV	5.7084G	109.21	Inf	-Inf	103.36	3	Horizontal	247	1.83	-	34.03	6.35	34.53
PK	5.8548G	62.52	68.20	-5.68	56.09	3	Horizontal	247	1.83	-	34.57	6.43	34.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

12/02/2020



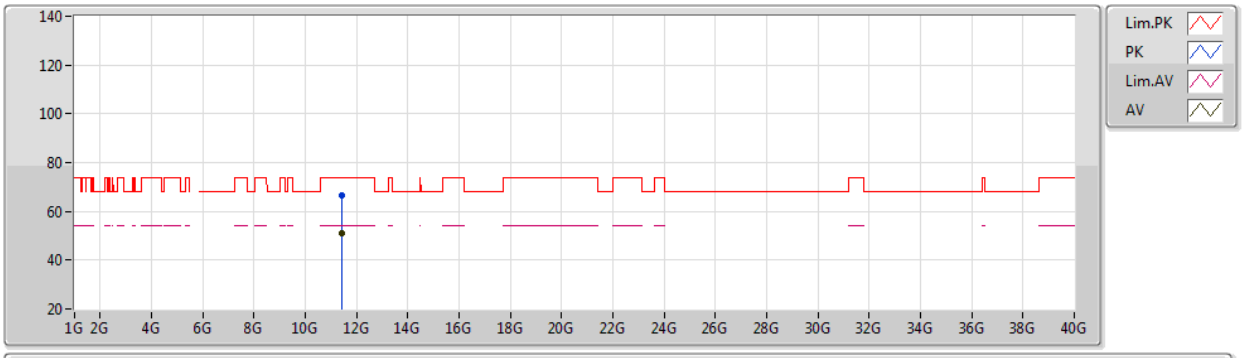
EUT Y_4TX
Setting 102
01-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.41988G	65.80	74.00	-8.20	52.92	3	Vertical	236	2.14	-	38.44	9.23	34.79
AV	11.40608G	50.75	54.00	-3.25	37.87	3	Vertical	236	2.14	-	38.44	9.23	34.79

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz_TX

12/02/2020



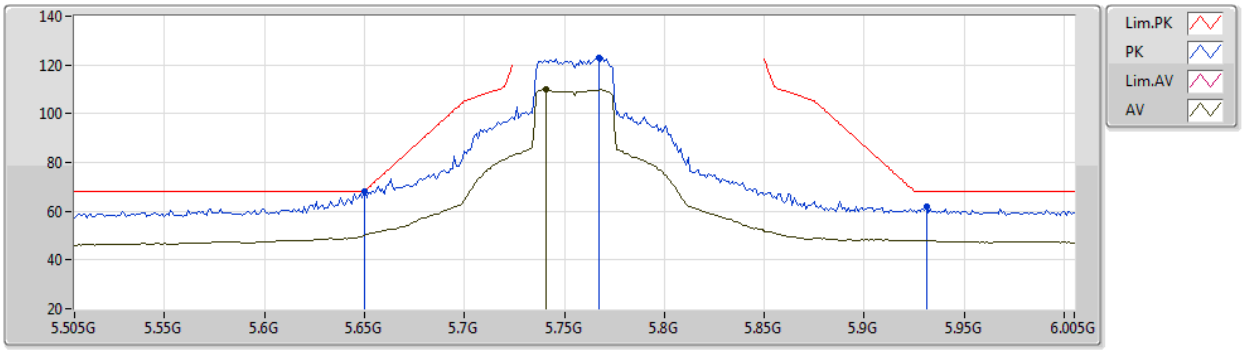
EUT Y_4TX
Setting 102
01-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.42G	66.36	74.00	-7.64	53.48	3	Horizontal	45	1.71	-	38.44	9.23	34.79
AV	11.434G	50.94	54.00	-3.06	38.06	3	Horizontal	45	1.71	-	38.44	9.24	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

12/02/2020

5755MHz_TX



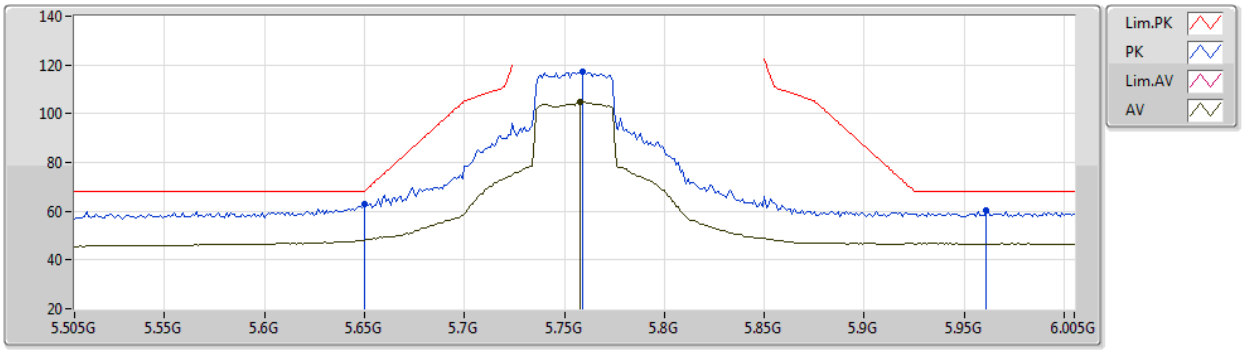
EUT Y_4TX
Setting 92
01-B-G-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	68.06	68.20	-0.14	62.26	3	Vertical	14	1.80	-	34.00	6.32	34.52
PK	5.767G	123.00	Inf	-Inf	116.96	3	Vertical	14	1.80	-	34.20	6.38	34.54
AV	5.741G	109.91	Inf	-Inf	103.96	3	Vertical	14	1.80	-	34.12	6.37	34.54
PK	5.931G	61.91	68.20	-6.29	55.08	3	Vertical	14	1.80	-	34.95	6.47	34.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

12/02/2020



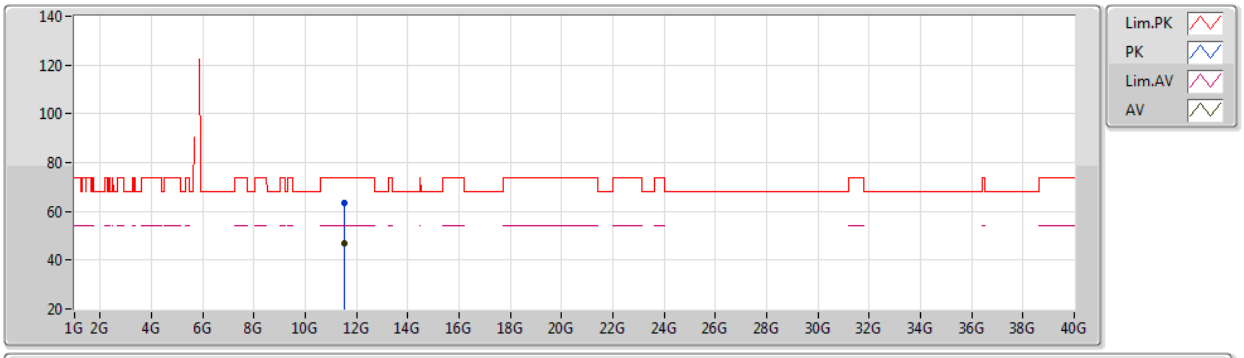
EUT Y_4TX
Setting 92
01-B-G-2-10

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.65G	63.04	68.20	-5.16	57.24	3	Horizontal	247	1.80	-	34.00	6.32	34.52
PK	5.759G	117.29	Inf	-Inf	111.27	3	Horizontal	247	1.80	-	34.18	6.38	34.54
AV	5.758G	104.69	Inf	-Inf	98.68	3	Horizontal	247	1.80	-	34.17	6.38	34.54
PK	5.961G	60.28	68.20	-7.92	53.29	3	Horizontal	247	1.80	-	35.10	6.48	34.59

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

12/02/2020



EUT Y_4TX
Setting 92
01-B-G-2

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.50982G	63.59	74.00	-10.41	50.69	3	Vertical	49	1.59	-	38.45	9.26	34.81
AV	11.50982G	46.88	54.00	-7.12	33.98	3	Vertical	49	1.59	-	38.45	9.26	34.81