Testing Laboratory 1190

FCC RADIO TEST REPORT

FCC ID	:	2ADZRHA0236GA
Equipment	:	Home Broadband Wi-Fi Extender
Brand Name	:	T-Mobile
Model Name	:	HA-0236G-A
Applicant	:	Nokia Shanghai Bell Co. Ltd. No. 388, Ningqiao Rd. Pilot Free Trade Zone Shanghai , China 201206
Manufacturer	:	Nokia Shanghai Bell Co. Ltd. No. 388, Ningqiao Rd. Pilot Free Trade Zone Shanghai , China 201206
Standard	:	47 CFR FCC Part 15.407

The product was received on Dec. 10, 2019, and testing was started from Jan. 15, 2020 and completed on Mar. 11, 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.)

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History of this test report

Report No.	Version	Description	Issued Date
FR9D0907AB	01	Initial issue of report	Apr. 28, 2020
FR9D0907AB	02	Modifying the model name of Galtronics antenna for the test report.	Apr. 29, 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: Cliff Chang

Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

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

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX
5.15-5.25GHz	802.11n HT20	20	2TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX
5.15-5.25GHz	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX
5.15-5.25GHz	802.11ax HEW20	20	2TX
5.15-5.25GHz	802.11ax HEW20-BF	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX
5.15-5.25GHz	802.11ax HEW40	40	2TX
5.15-5.25GHz	802.11ax HEW40-BF	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX
5.15-5.25GHz	802.11ax HEW80	80	2TX
5.15-5.25GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX

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

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

1.1.2 Antenna Information

For Galtronics antenna

Set	Ant.	Port	Brand	Model Name	Cable Color	Antenna Type	Connector	Gain (dBi)
1	1	1	Galtronics	02102140-07035-1	White	Dipole Antenna	U.FL	Note
	2	2	Galtronics	02102140-07035-2	Black	Dipole Antenna	U.FL	Note
	3	1	Galtronics	02102142-07035-1	Red	Dipole Antenna	U.FL	Note
	4	2	Galtronics	02102142-07035-2	Green	Dipole Antenna	U.FL	Note
	5	3	Galtronics	02102142-07035-3	Blue	Dipole Antenna	U.FL	Note
	6	4	Galtronics	02102142-07035-4	Grey	Dipole Antenna	U.FL	Note

Note:

Ant.	Port	Peak Gain (dBi)		
		2.4GHz	5G Band 1	5G Band 4
1	1	2.47	2.32	-
2	2	2.19	2.48	-
3	1	-	-	2.15
4	2	-	-	1.38
5	3	-	-	1.83
6	4	-	-	1.82

Ant.	Port	Max Directional Gain (dBi)		
		2.4GHz	5G Band 1	5G Band 4
1	1	2.26	5.24	-
2	2			-
3	1	-	-	5.6
4	2	-	-	
5	3	-	-	
6	4	-	-	

For Inpaq antenna

Set	Ant.	Port	Brand	Model Name	Cable Color	Antenna Type	Connector	Gain (dBi)
2	1	1	Inpaq	RFDPA072516IMLB9C1	White	Dipole Antenna	I-PEX	Note
	2	2	Inpaq	RFDPA072511IMLB9C1	Black	Dipole Antenna	I-PEX	Note
	3	1	Inpaq	RFDPA051106IM5B9C1	Red	Dipole Antenna	I-PEX	Note
	4	2	Inpaq	RFDPA051105IM5B9C1	Green	Dipole Antenna	I-PEX	Note
	5	3	Inpaq	RFDPA051108IM5B9C1	Blue	Dipole Antenna	I-PEX	Note
	6	4	Inpaq	RFDPA051110IM5B9C1	Grey	Dipole Antenna	I-PEX	Note

Note:

Ant.	Port	Peak Gain (dBi)		
		2.4GHz	5G Band 1	5G Band 4
1	1	2.97	4.66	-
2	2	3.54	3.63	-
3	1	-	-	1.72
4	2	-	-	1.5
5	3	-	-	1.36
6	4	-	-	2.07

Ant.	Port	Max Directional Gain (dBi)		
		2.4GHz	5G Band 1	5G Band 4
1	1	4.98	5.07	-
2	2			-
3	1	-	-	5.8
4	2	-	-	
5	3	-	-	
6	4	-	-	

Note: The above information was declared by manufacturer.

The EUT has 2 sets antennas.

For Conducted test:

2.4GHz/5GHz band 4: Because Galtronics's antennas and Inpaq's antennas are the same type antennas, only the highest directional gain antennas "Inpaq's antennas" was tested and recorded in the report.

5GHz band 1: Because Galtronics's antennas and Inpaq's antennas are the same type antennas, only the highest directional gain antennas "Galtronics's antennas" was tested and recorded in the report.

For Radiated test:

2.4GHz/5GHz band 1: Because Galtronics's antennas and Inpaq's antennas are the same type antennas, only the highest peak gain antennas "Inpaq's antennas" was tested and recorded in the report.

5GHz band 4: Because Galtronics's antennas and Inpaq's antennas are the same type antennas, only the highest peak gain antennas "Galtronics's antennas" was tested and recorded in the report.

<For 2.4GHz Function>

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

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

Ant. 1(Port 1) and Ant. 2(Port 2) could transmit/receive simultaneously.

<For 5GHz Band 1 Function>

For IEEE 802.11a/n/ac/ax mode (2TX/2RX):

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

Ant. 1(Port 1) and Ant. 2(Port 2) could transmit/receive simultaneously.

<For 5GHz Band 4 Function>

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

Ant. 3(Port 1)、Ant. 4(Port 2)、Ant. 5(Port 3) and Ant. 6(Port 4) can be used as transmitting/receiving antenna.

Ant. 3(Port 1)、Ant. 4(Port 2)、Ant. 5(Port 3) and Ant. 6(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	0.919	0.37	1.435m	1k
802.11ax HEW20	0.94	0.27	5.448m	300
802.11ax HEW20-BF	0.926	0.33	1.768m	1k
802.11ax HEW40	0.945	0.25	5.448m	300
802.11ax HEW40-BF	0.919	0.37	1.768m	1k
802.11ax HEW80	0.939	0.27	5.448m	300
802.11ax HEW80-BF	0.924	0.34	1.693m	1k

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 802.11n/ax、VHT in 2.4G and 802.11n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	non-beamforming mode: QSPR beamforming mode: TeraTerm、iperf			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Support Function

Type of Function	2.4GHz	5GHz Band 1	5GHz Band 4
Router Mode	V	V	V
Mesh Mode	-	-	V

Note: The EUT supports Router and Mesh mode, only Router mode was tested and recorded in this test report by manufacturer request.

1.1.6 Table for Multiple Listing

Model Name	Kit Code	EMA Code	Part Description
HA-0236G-A	3FE48251AAAA	3FE 48265 AAAA	Nokia T-mobile extender 2Gigabit Ethernet, AX4200 Triband WiFi6,US plug

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	TH03-CB	Lucas Huang	23.8~24.9°C / 50~54%	Jan. 20, 2020~ Jan. 21, 2020
Radiated (Below 1GHz)	03CH05-CB	Cola Fan	20.9~21.2°C / 50~54%	Mar. 09, 2020
Radiated (Above 1GHz- Radiated Emission Co-location)	03CH05-CB	Cola Fan	20.9~21.2°C / 50~54%	Mar. 09, 2020
Radiated (Above 1GHz- Unwanted Emissions)	03CH01-CB	Paul Chen	23.3~25.2°C / 50~55%	Jan. 15, 2020~ Jan. 21, 2020
AC Conduction	CO01-CB	Max Lin	21~22°C / 58~59%	Mar. 11, 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)_2TX	-
5180MHz	23
5200MHz	26
5240MHz	26.5
802.11a_Nss1,(6Mbps)_4TX	-
5745MHz	24
5785MHz	24
5825MHz	23.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	25.5
5240MHz	26.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5745MHz	23.5
5785MHz	23.5
5825MHz	23.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5190MHz	21
5230MHz	24.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5755MHz	23.5
5795MHz	23.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5210MHz	20
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5775MHz	21.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5180MHz	26
5200MHz	28
5240MHz	28
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5745MHz	30
5785MHz	30
5825MHz	30
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5190MHz	25

Mode	Power Setting
5230MHz	27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5755MHz	29
5795MHz	29
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5210MHz	23
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5775MHz	27

Note:
There are two functions of EUT, one is beamforming function, and the other is non-beamforming function for 802.11n/ax、VHT in 2.4G and 802.11n/ac/ax in 5GHz band. All test results were recorded in the 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 with antenna set 1 + Adapter 1
2	EUT with antenna set 1 + Adapter 2
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT with antenna set 2 + Adapter 1
For operating mode 3 is the worst case and it was record in this test report.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains
Operating Mode	
1	WLAN 5GHz Band 1 with antenna set 1 WLAN 5GHz Band 4 with antenna set 2

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	Router mode- EUT with antenna set 1 + Adapter 1
2	Router mode- EUT with antenna set 1 + Adapter 2
Mode 2 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	Router mode- EUT with antenna set 2 + Adapter 2
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	WLAN 5GHz Band 1 with antenna set 2 WLAN 5GHz Band 4 with antenna set 1

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz with antenna set 2 + WLAN 5GHz Band 1 with antenna set 2
Refer to Appendix F for Radiated Emission Co-location.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz with antenna set 2 + WLAN 5GHz Band 1 with antenna set 1 + WLAN 5GHz Band 4 with antenna set 2
Refer to Sporton Test Report No.: FA9D0907 for Co-location RF Exposure Evaluation.	

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

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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 " teraterm、iperf " to link with the remote workstation to transmit and receive packet by RX device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Accessories			
Equipment Name	**Brand Name**	**Model Name**	**Rating**
Adapter 1	UE	UES24WU-120200SPA	INPUT: 100-240V~50/60Hz, 0.8A OUTPUT: 12.0V-2.0A
Adapter 2	RUIDE	RD1202000-C55-154MG	INPUT: 100-240V~50/60Hz, 1.0A MAX OUTPUT: 12.0V-2.0A
Other			
RJ-45 cable*1, Non-Shielded, 1m			

2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN2 NB	DELL	E6430	N/A
B	2.4G NB	DELL	E6430	N/A
C	5GH NB	DELL	E6430	N/A
D	LAN1 NB	DELL	E6430	N/A
F	5GL NB	DELL	E6430	N/A

For Radiated (below 1GHz):

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

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

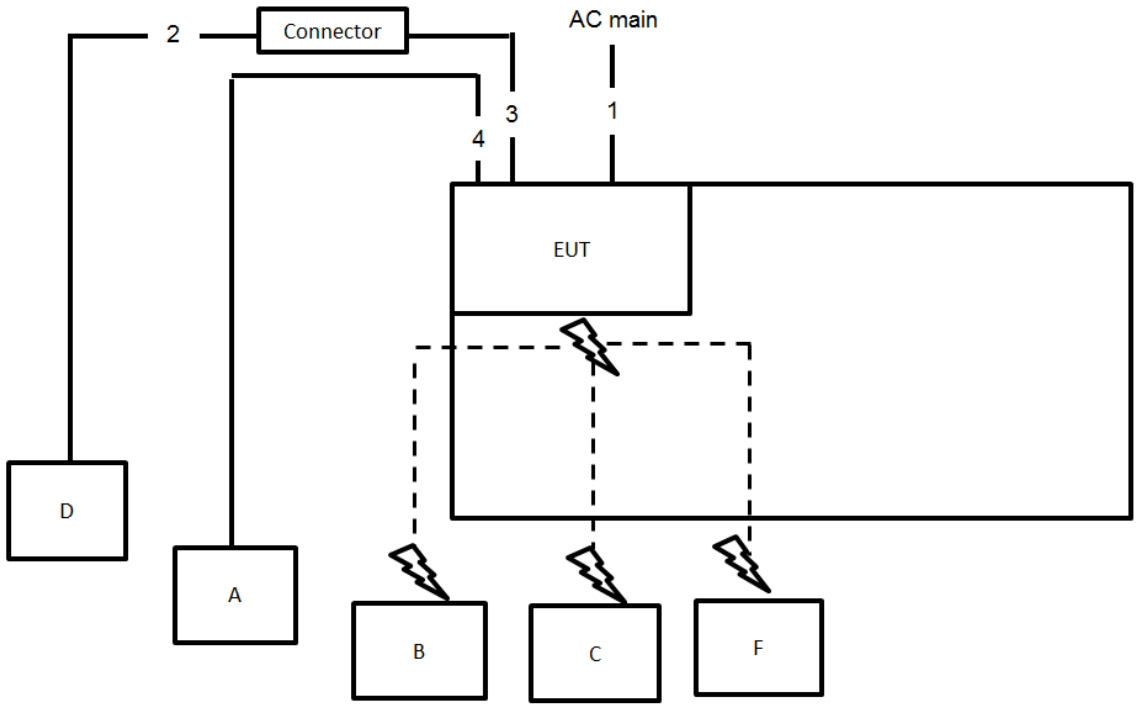
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

For beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	RX device	Nokia	HA-0236G-A/ HA-0336G-A	N/A

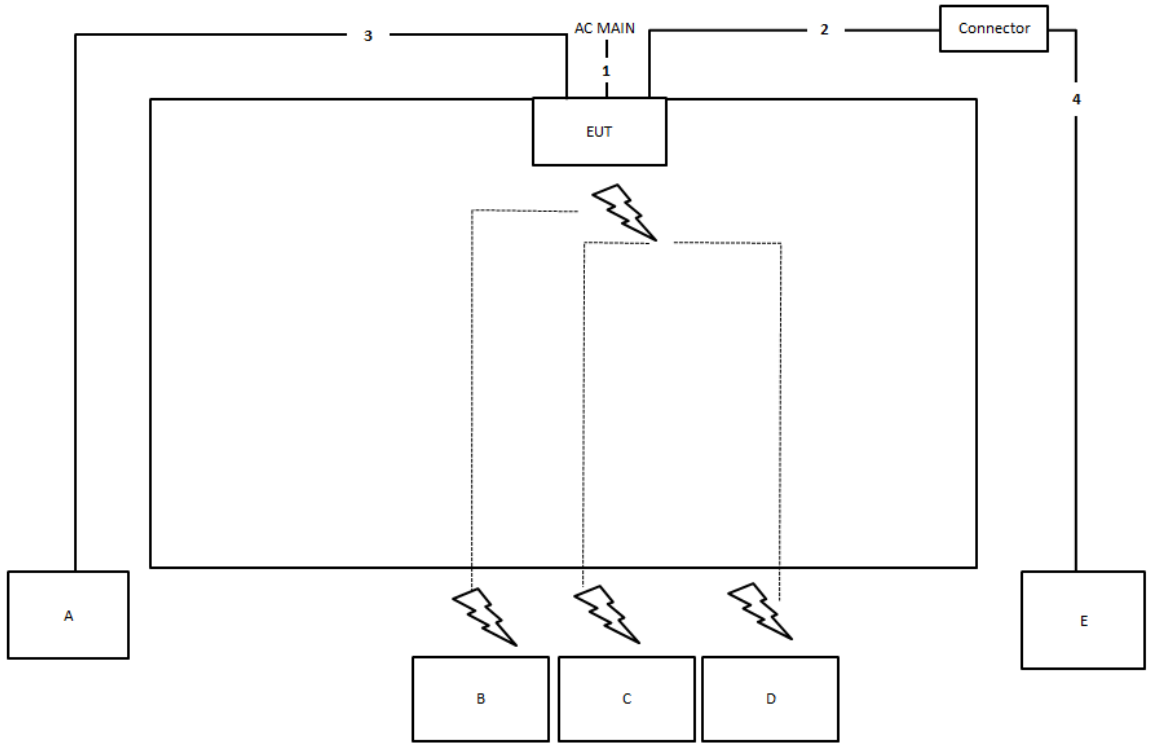
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

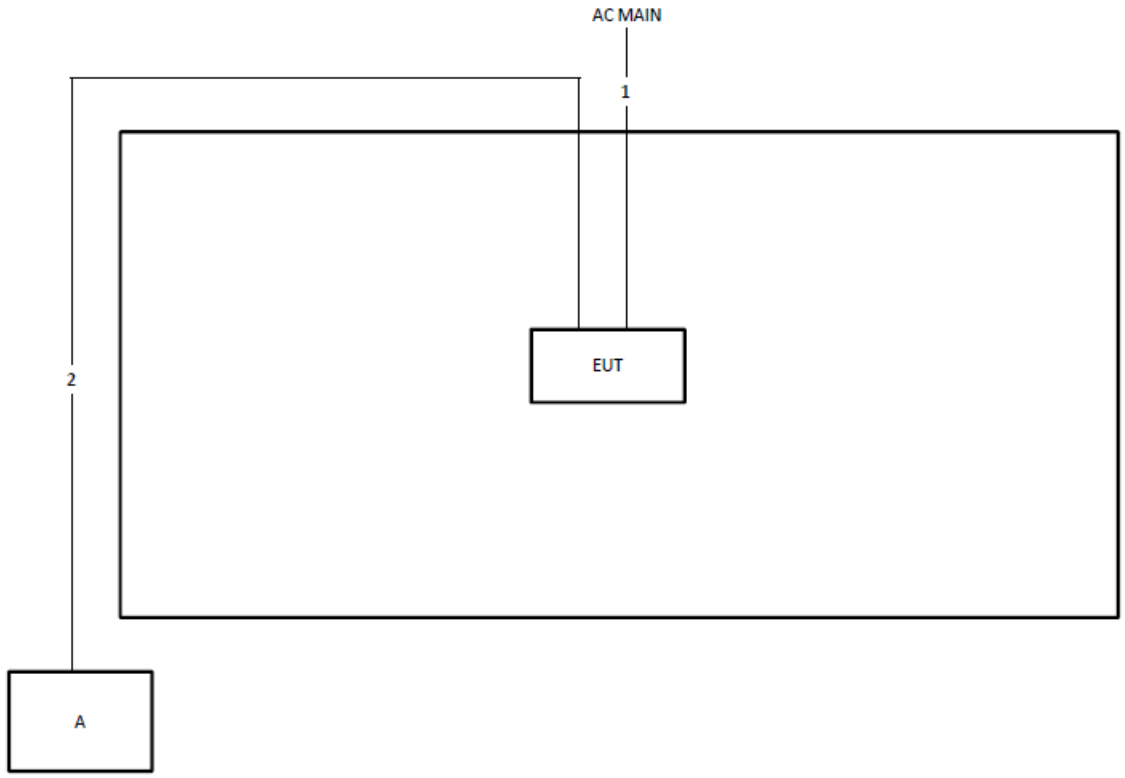
Test Setup Diagram - Radiated Test < 1GHz



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

Test Setup Diagram - Radiated Test > 1GHz

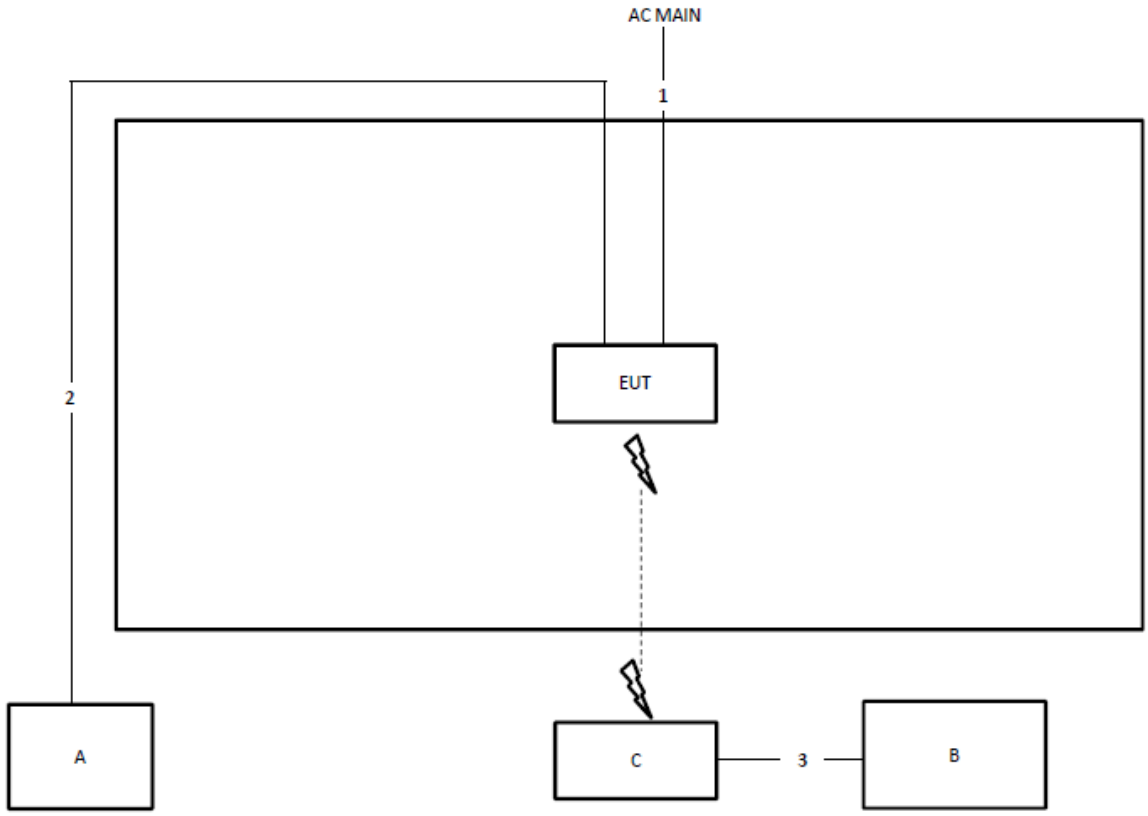
For non-beamforming mode



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

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

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

3.1.2 Measuring Instruments

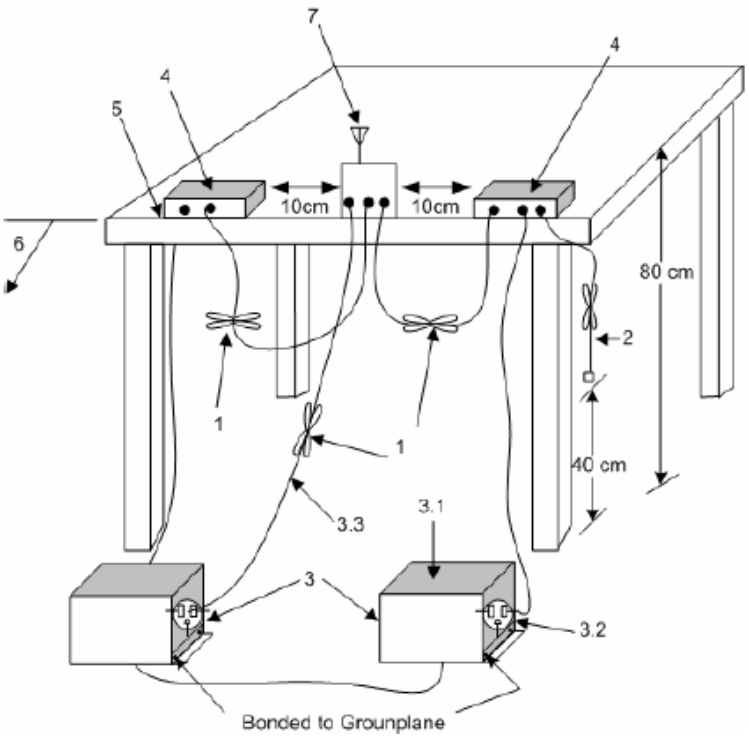
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

AC Power-line Conducted Emissions



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

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

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

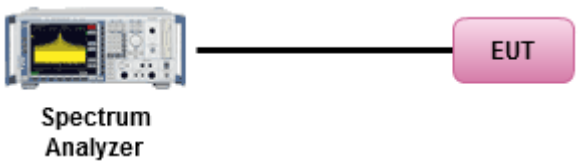
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

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

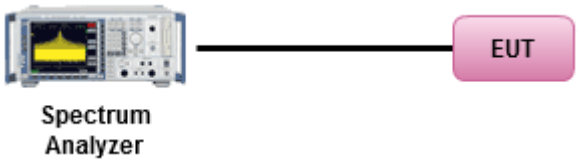
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

3.5.2 Measuring Instruments

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

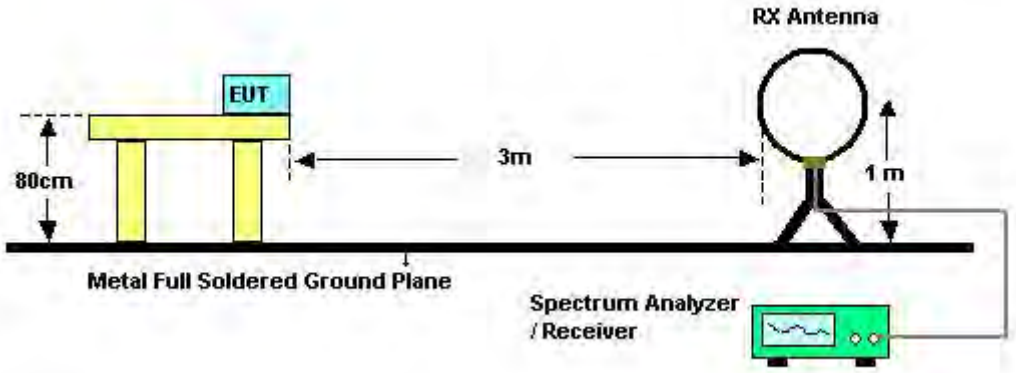
3.5.3 Test Procedures

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

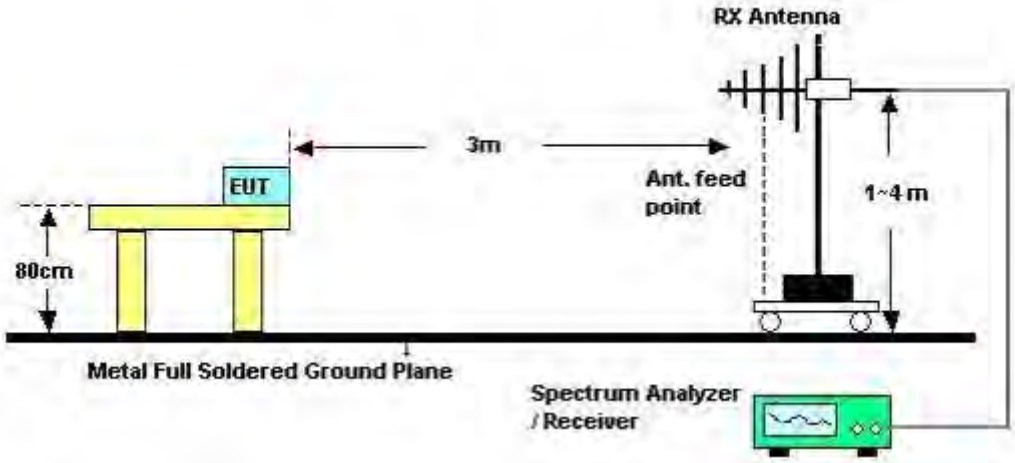
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

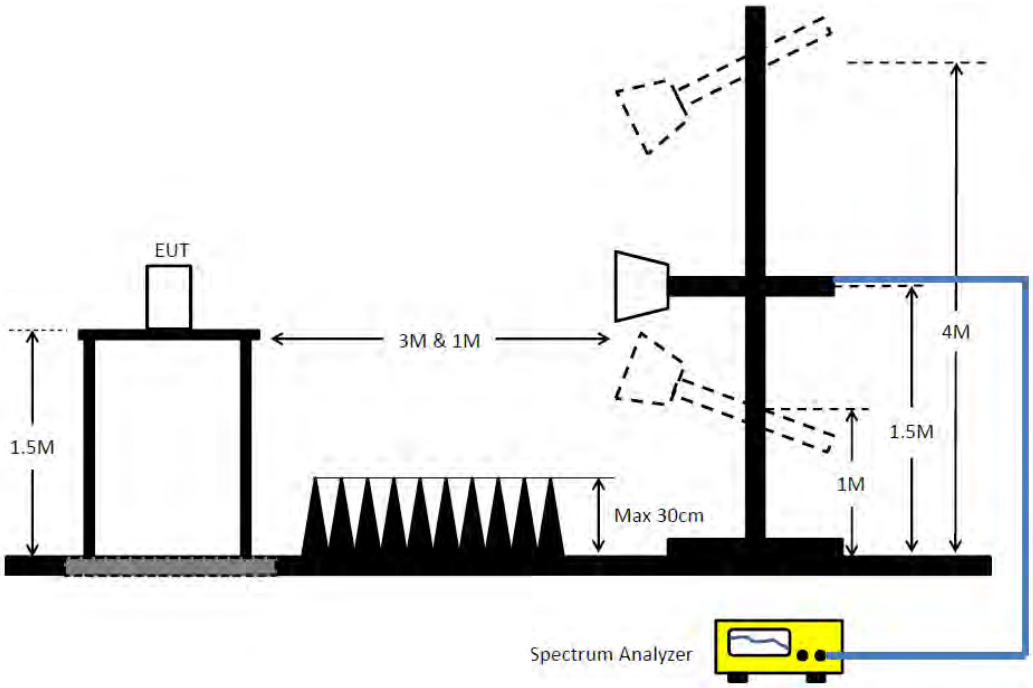
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

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

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Feb. 26, 2020	Feb. 25, 2021	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 25, 2019	Dec. 24, 2020	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Feb. 25, 2020	Feb. 24, 2021	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	9kHz ~ 30MHz	May 21, 2019	May 20, 2020	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-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)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1291	1GHz~18GHz	Oct. 05, 2019	Oct. 04, 2020	Radiation (03CH05-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	May 01, 2019	Apr. 30, 2020	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz – 26.5GHz	Apr. 16, 2019	Apr. 15, 2020	Radiation (03CH05-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 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)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH05-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 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	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101028	9kHz~40GHz	Nov. 01, 2019	Oct. 31, 2020	Conducted (TH03-CB)
Power Sensor	Anritsu	MA2411B	1726195	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Aug. 13, 2019	Aug. 12, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-11	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-12	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-13	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-14	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)
RF Cable-high	Woken	RG402	High Cable-15	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH03-CB)

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

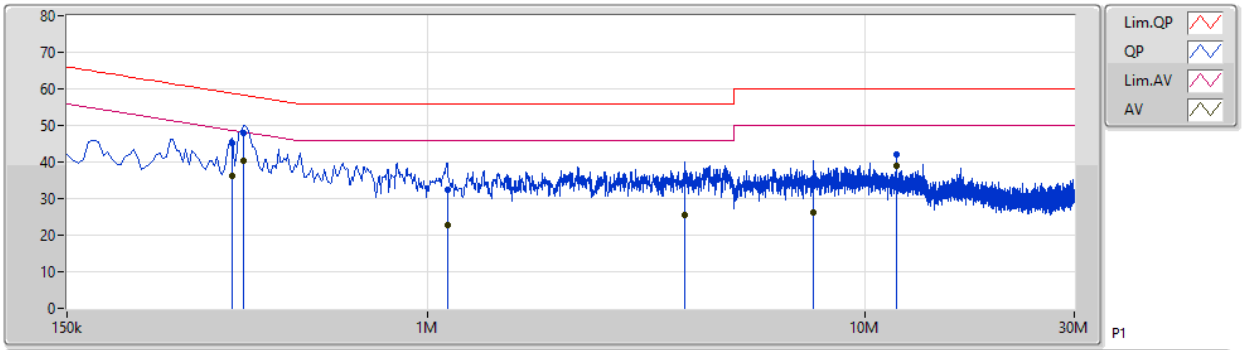
NCR means Non-Calibration required.

Summary

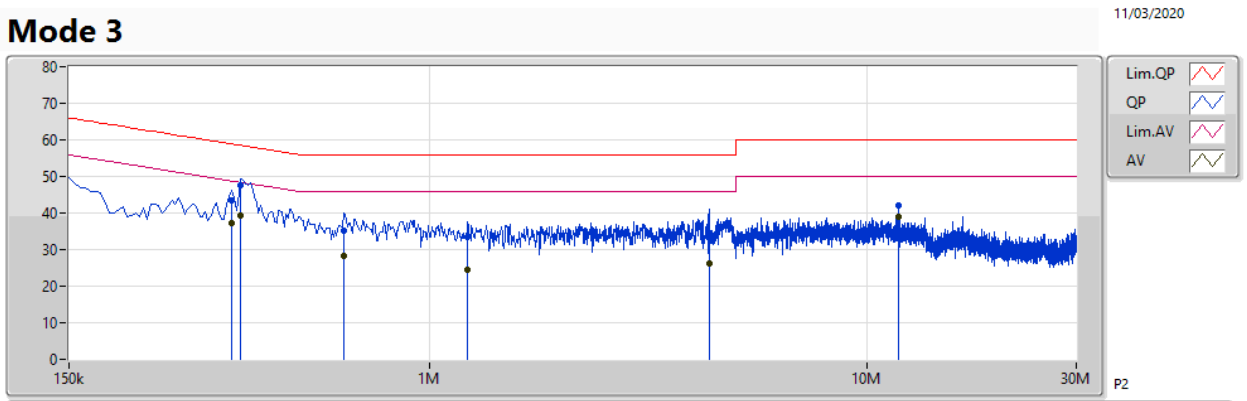
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition
Mode 3	Pass	AV	379.5k	40.27	48.29	-8.02	9.92	Line

Mode 3

11/03/2020



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	357k	45.32	58.79	-13.47	9.92	Line	-	35.40	0.05	0.06	9.81
AV	357k	36.21	48.79	-12.58	9.92	Line	-	26.29	0.05	0.06	9.81
QP	379.5k	47.95	58.29	-10.34	9.92	Line	-	38.03	0.05	0.06	9.81
AV	379.5k	40.27	48.29	-8.02	9.92	Line	"Worst"	30.35	0.05	0.06	9.81
QP	1.109M	32.46	56.00	-23.54	9.97	Line	-	22.49	0.06	0.09	9.82
AV	1.109M	22.71	46.00	-23.29	9.97	Line	-	12.74	0.06	0.09	9.82
QP	3.863M	34.75	56.00	-21.25	10.10	Line	-	24.65	0.12	0.17	9.81
AV	3.863M	25.52	46.00	-20.48	10.10	Line	-	15.42	0.12	0.17	9.81
QP	7.593M	33.40	60.00	-26.60	10.30	Line	-	23.10	0.20	0.21	9.89
AV	7.593M	26.37	50.00	-23.63	10.30	Line	-	16.07	0.20	0.21	9.89
QP	11.76M	41.99	60.00	-18.01	10.42	Line	-	31.57	0.27	0.23	9.92
AV	11.76M	39.08	50.00	-10.92	10.42	Line	-	28.66	0.27	0.23	9.92



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	352.5k	43.60	58.91	-15.31	9.92	Neutral	-	33.68	0.05	0.06	9.81
AV	352.5k	37.11	48.91	-11.80	9.92	Neutral	-	27.19	0.05	0.06	9.81
QP	370.5k	47.54	58.49	-10.95	9.92	Neutral	-	37.62	0.05	0.06	9.81
AV	370.5k	39.29	48.49	-9.20	9.92	Neutral	"Worst"	29.37	0.05	0.06	9.81
QP	636k	35.23	56.00	-20.77	9.96	Neutral	-	25.27	0.06	0.08	9.82
AV	636k	28.43	46.00	-17.57	9.96	Neutral	-	18.47	0.06	0.08	9.82
QP	1.221M	33.40	56.00	-22.60	9.99	Neutral	-	23.41	0.07	0.10	9.82
AV	1.221M	24.45	46.00	-21.55	9.99	Neutral	-	14.46	0.07	0.10	9.82
QP	4.344M	34.31	56.00	-21.69	10.12	Neutral	-	24.19	0.12	0.18	9.82
AV	4.344M	26.35	46.00	-19.65	10.12	Neutral	-	16.23	0.12	0.18	9.82
QP	11.76M	41.98	60.00	-18.02	10.36	Neutral	-	31.62	0.21	0.23	9.92
AV	11.76M	39.00	50.00	-11.00	10.36	Neutral	-	28.64	0.21	0.23	9.92

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)_2TX	35.73M	19.07M	19M1D1D	19.68M	16.372M
802.11ax HEW20_Nss1,(MCS0)_2TX	38.31M	19.49M	19M5D1D	21.03M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.82M	37.841M	37M8D1D	40.68M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.56M	77.001M	77M0D1D	82.2M	77.001M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.57M	18.981M	19M0D1D	21.3M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42.78M	37.841M	37M8D1D	40.74M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81M	77.241M	77M2D1D	80.88M	77.121M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	16.32M	16.552M	16M6D1D	16.29M	16.372M
802.11ax HEW20_Nss1,(MCS0)_4TX	18.96M	19.01M	19M0D1D	18.75M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	38.1M	37.901M	37M9D1D	37.5M	37.721M
802.11ax HEW80_Nss1,(MCS0)_4TX	77.76M	77.241M	77M2D1D	76.44M	77.121M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.96M	19.01M	19M0D1D	18.78M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	37.92M	37.901M	37M9D1D	33.84M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	75.84M	77.001M	77M0D1D	47.76M	76.882M

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

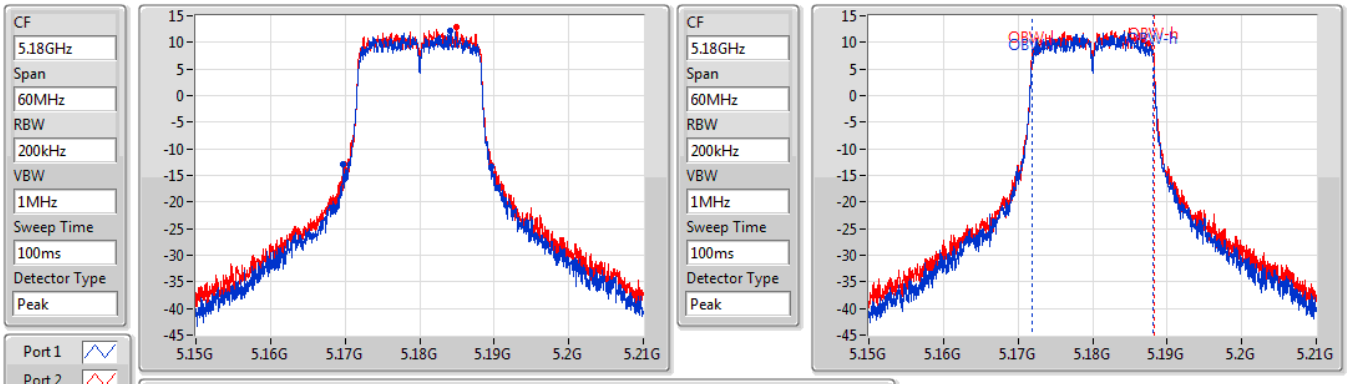
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	19.89M	16.372M	19.68M	16.402M				
5200MHz	Pass	Inf	20.64M	16.432M	23.13M	16.552M				
5240MHz	Pass	Inf	29.13M	16.732M	35.73M	19.07M				
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	16.29M	16.372M	16.29M	16.372M	16.32M	16.552M	16.32M	16.432M
5785MHz	Pass	500k	16.29M	16.372M	16.32M	16.432M	16.29M	16.462M	16.32M	16.462M
5825MHz	Pass	500k	16.29M	16.372M	16.32M	16.432M	16.29M	16.402M	16.32M	16.462M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.36M	18.921M	21.03M	18.921M				
5200MHz	Pass	Inf	21.36M	18.951M	22.74M	18.951M				
5240MHz	Pass	Inf	31.38M	19.1M	38.31M	19.49M				
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	18.81M	18.921M	18.78M	18.921M	18.87M	18.981M	18.9M	18.981M
5785MHz	Pass	500k	18.96M	18.891M	18.87M	18.891M	18.9M	19.01M	18.84M	18.951M
5825MHz	Pass	500k	18.93M	18.921M	18.9M	18.981M	18.87M	18.981M	18.75M	18.981M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	41.04M	37.721M	40.68M	37.721M				
5230MHz	Pass	Inf	41.28M	37.841M	41.82M	37.841M				
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	37.8M	37.841M	37.5M	37.781M	37.86M	37.901M	38.1M	37.841M
5795MHz	Pass	500k	37.56M	37.781M	37.8M	37.721M	38.04M	37.901M	37.92M	37.841M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	77.001M	82.56M	77.001M				
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	77.76M	77.121M	76.44M	77.121M	77.64M	77.241M	77.28M	77.121M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	Inf	21.3M	18.921M	21.75M	18.921M				
5200MHz	Pass	Inf	21.9M	18.921M	21.81M	18.951M				
5240MHz	Pass	Inf	21.78M	18.951M	27.57M	18.981M				
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5745MHz	Pass	500k	18.87M	18.921M	18.87M	18.951M	18.84M	18.951M	18.78M	18.951M
5785MHz	Pass	500k	18.81M	18.921M	18.87M	18.951M	18.96M	19.01M	18.9M	18.951M
5825MHz	Pass	500k	18.87M	18.951M	18.93M	18.951M	18.81M	18.951M	18.84M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	Inf	40.8M	37.781M	40.74M	37.661M				
5230MHz	Pass	Inf	40.92M	37.721M	42.78M	37.841M				
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5755MHz	Pass	500k	37.74M	37.781M	37.86M	37.841M	37.8M	37.901M	37.86M	37.781M
5795MHz	Pass	500k	37.92M	37.721M	37.92M	37.721M	33.84M	37.841M	37.86M	37.841M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	Inf	81M	77.241M	80.88M	77.121M				
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	500k	75.84M	76.882M	47.76M	77.001M	70.8M	77.001M	75.12M	77.001M

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

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

20/01/2020

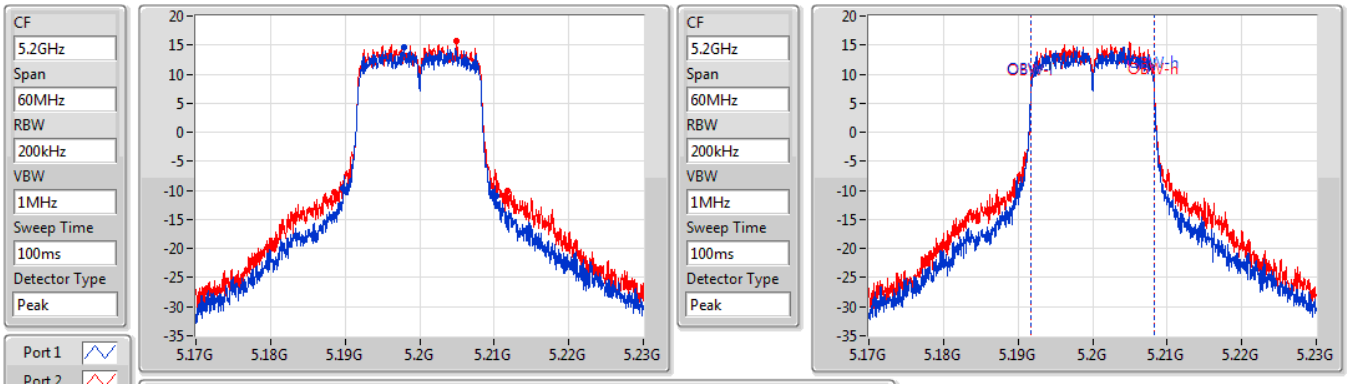


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.89M	5.1698G	5.18969G	16.372M	5.171814G	5.188186G	Inf	1
19.68M	5.16995G	5.18963G	16.402M	5.171814G	5.188216G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

20/01/2020

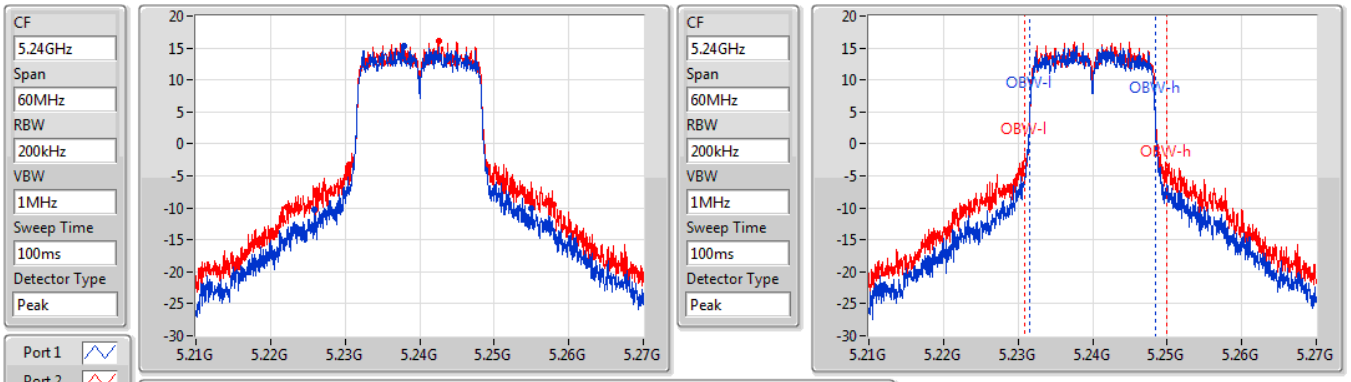


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.64M	5.18968G	5.21032G	16.432M	5.191784G	5.208216G	Inf	1
23.13M	5.18857G	5.2117G	16.552M	5.191724G	5.208276G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

20/01/2020

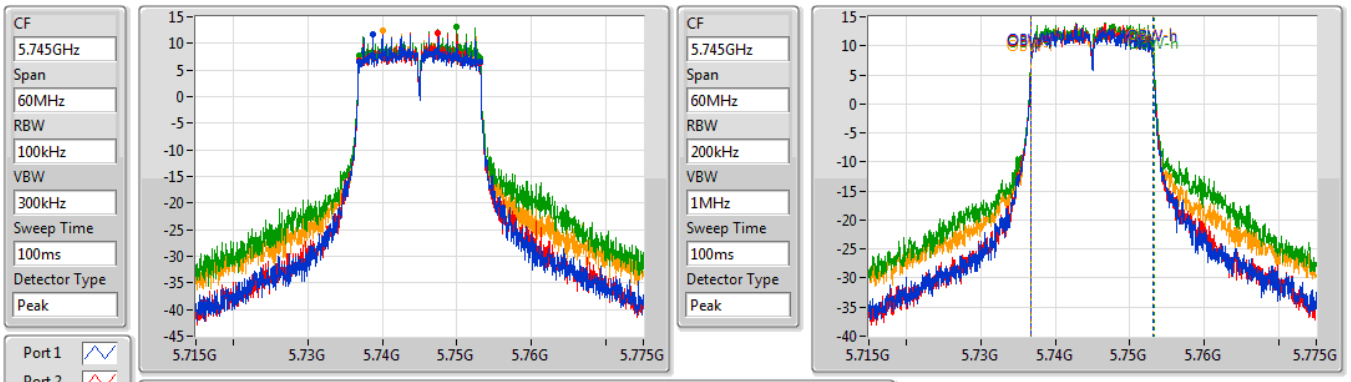


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.13M	5.2259G	5.25503G	16.732M	5.231634G	5.248366G	Inf	1
35.73M	5.22221G	5.25794G	19.07M	5.230885G	5.249955G	Inf	2

802.11a_Nss1,(6Mbps)_4TX EBW

5745MHz

20/01/2020

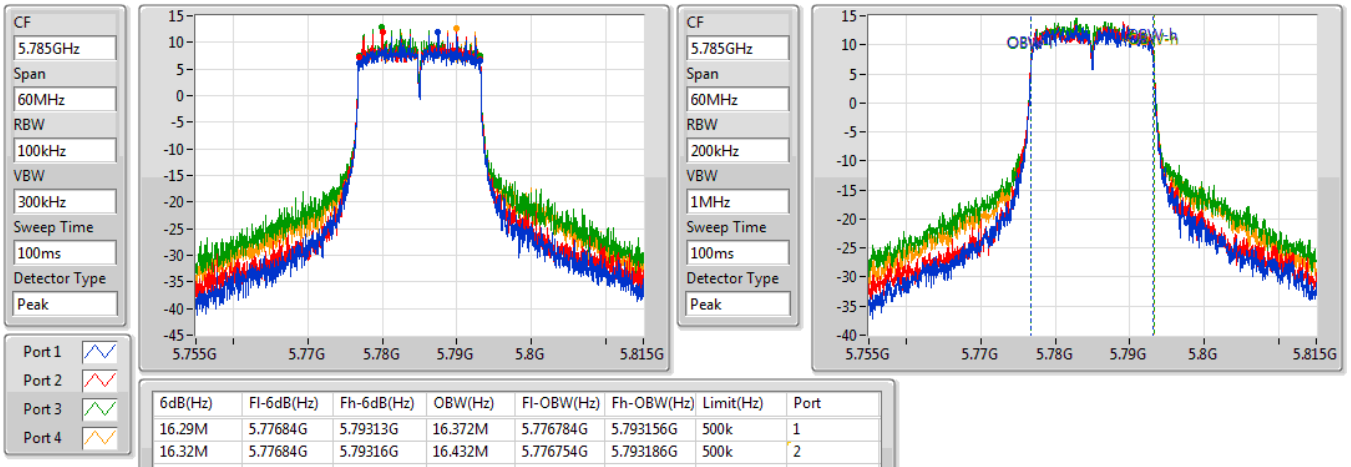


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.73684G	5.75313G	16.372M	5.736784G	5.753156G	500k	1
16.29M	5.73684G	5.75313G	16.372M	5.736784G	5.753156G	500k	2
16.32M	5.73684G	5.75316G	16.552M	5.736724G	5.753276G	500k	3
16.32M	5.73684G	5.75316G	16.432M	5.736754G	5.753186G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5785MHz

20/01/2020

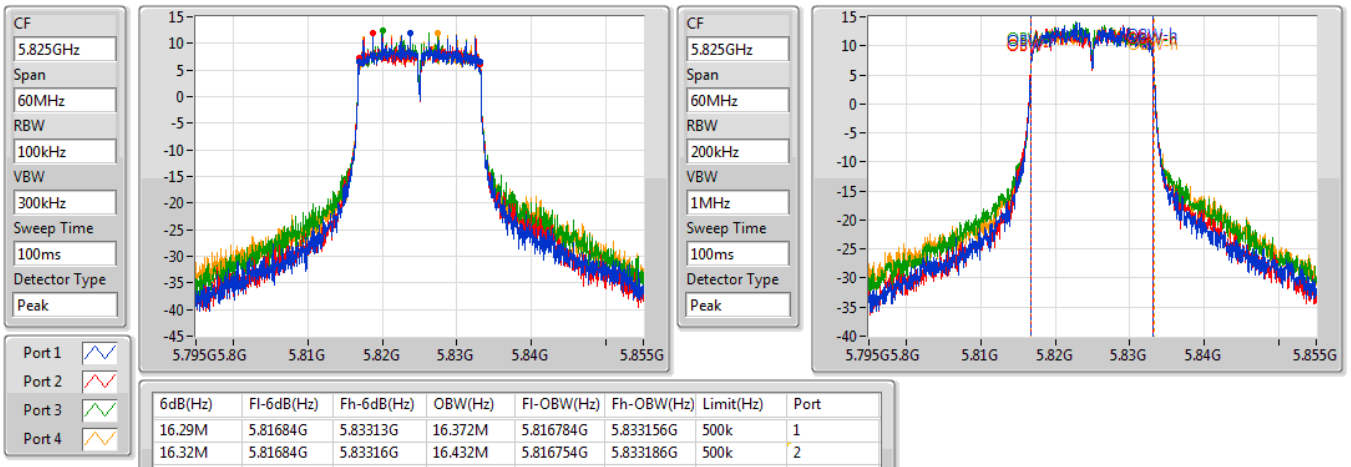


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.77684G	5.79313G	16.372M	5.776784G	5.793156G	500k	1
16.32M	5.77684G	5.79316G	16.432M	5.776754G	5.793186G	500k	2
16.29M	5.77684G	5.79313G	16.462M	5.776754G	5.793216G	500k	3
16.32M	5.77684G	5.79316G	16.462M	5.776754G	5.793216G	500k	4

802.11a_Nss1,(6Mbps)_4TX EBW

5825MHz

20/01/2020

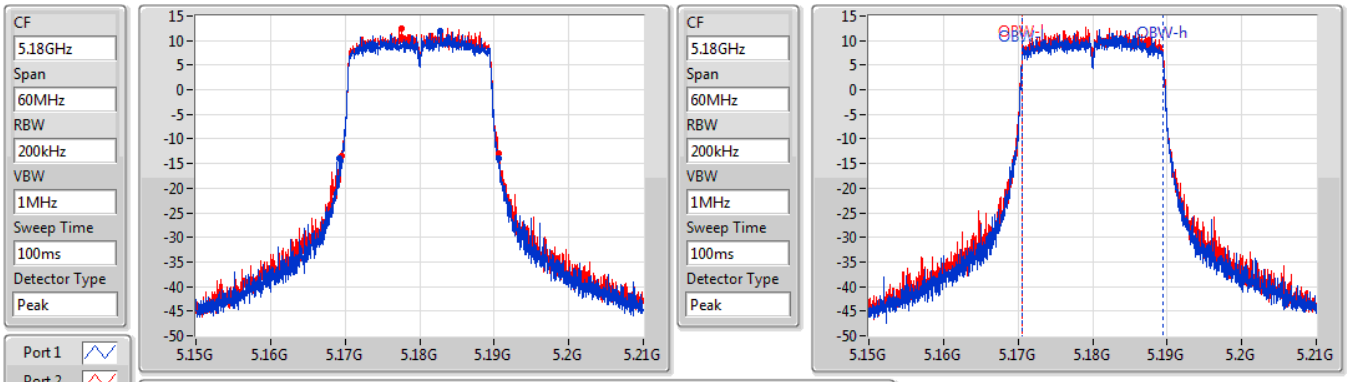


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.29M	5.81684G	5.83313G	16.372M	5.816784G	5.833156G	500k	1
16.32M	5.81684G	5.83316G	16.432M	5.816754G	5.833186G	500k	2
16.29M	5.81684G	5.83313G	16.402M	5.816784G	5.833186G	500k	3
16.32M	5.81684G	5.83316G	16.462M	5.816754G	5.833216G	500k	4

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5180MHz

20/01/2020

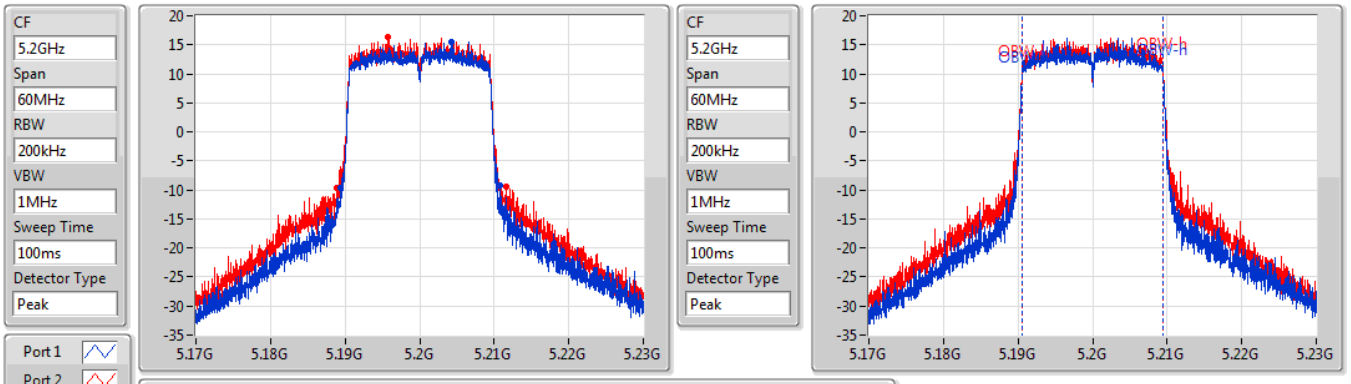


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.16926G	5.19062G	18.921M	5.170555G	5.189475G	Inf	1
21.03M	5.16959G	5.19062G	18.921M	5.170555G	5.189475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5200MHz

20/01/2020

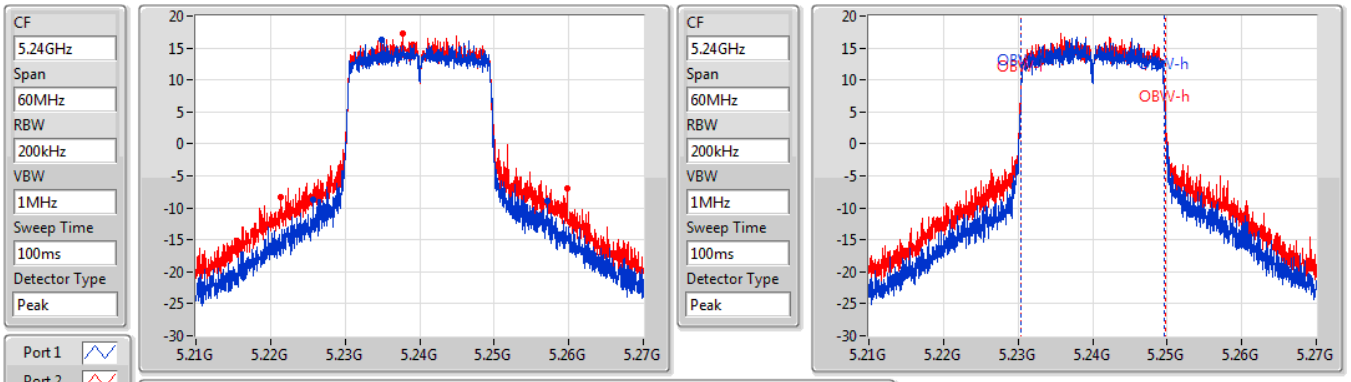


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.36M	5.18935G	5.21071G	18.951M	5.190525G	5.209475G	Inf	1
22.74M	5.18887G	5.21161G	18.951M	5.190525G	5.209475G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_2TX EBW

5240MHz

20/01/2020

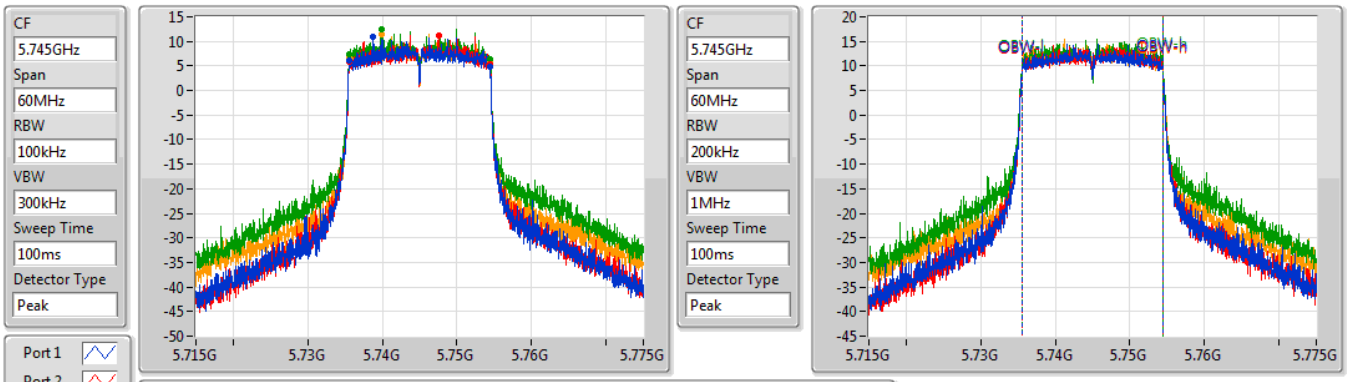


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
31.38M	5.22569G	5.25707G	19.1M	5.230465G	5.249565G	Inf	1
38.31M	5.22143G	5.25974G	19.49M	5.230315G	5.249805G	Inf	2

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5745MHz

20/01/2020

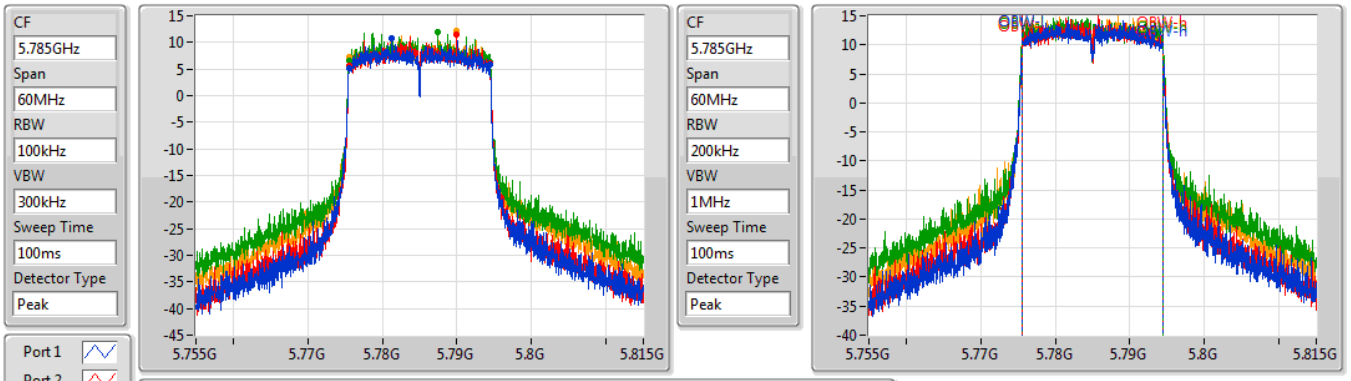


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.81M	5.73558G	5.75439G	18.921M	5.735525G	5.754445G	500k	1
18.78M	5.73561G	5.75439G	18.921M	5.735525G	5.754445G	500k	2
18.87M	5.73561G	5.75448G	18.981M	5.735495G	5.754475G	500k	3
18.9M	5.73555G	5.75445G	18.981M	5.735495G	5.754475G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5785MHz

20/01/2020

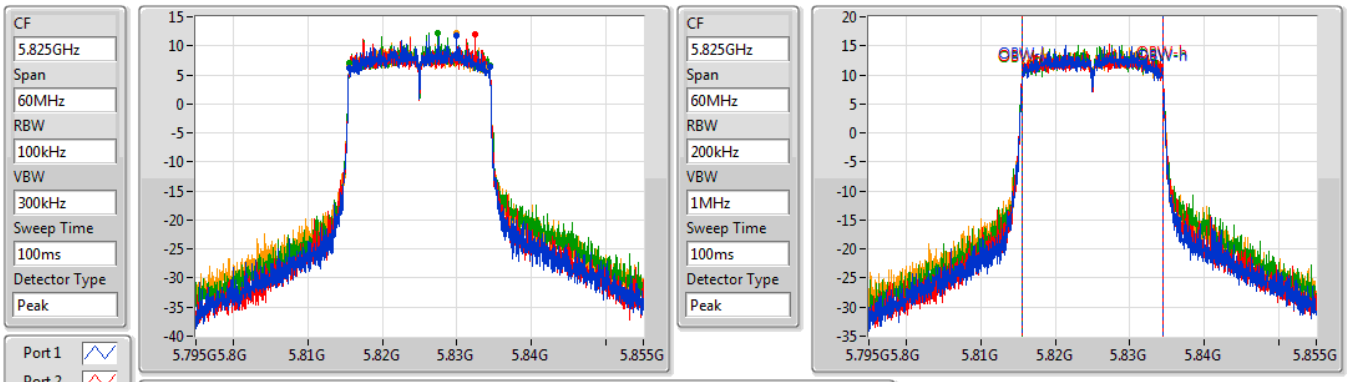


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.96M	5.77549G	5.79445G	18.891M	5.775525G	5.794415G	500k	1
18.87M	5.77552G	5.79439G	18.891M	5.775525G	5.794415G	500k	2
18.9M	5.77555G	5.79445G	19.01M	5.775495G	5.794505G	500k	3
18.84M	5.77561G	5.79445G	18.951M	5.775525G	5.794475G	500k	4

802.11ax HEW20_Nss1,(MCS0)_4TX EBW

5825MHz

20/01/2020

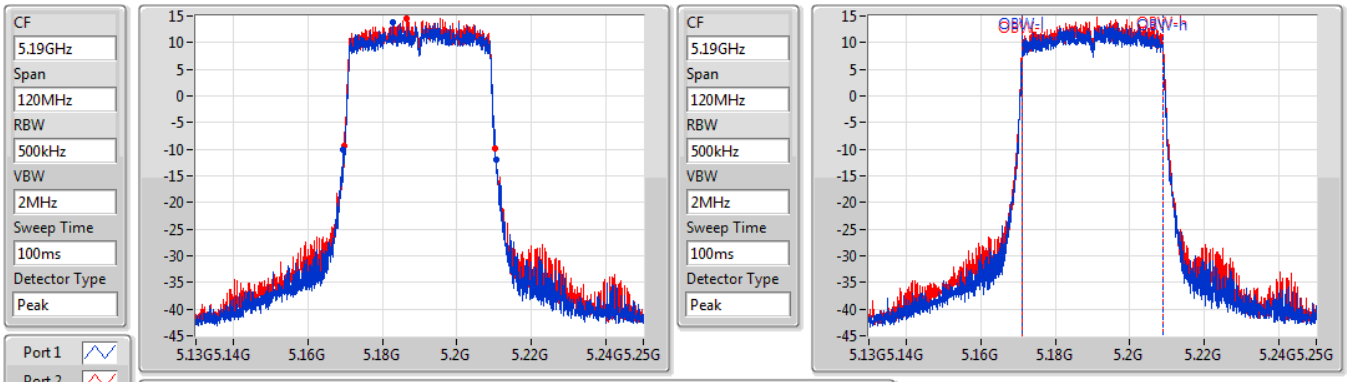


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.93M	5.81549G	5.83442G	18.921M	5.815525G	5.834445G	500k	1
18.9M	5.81555G	5.83445G	18.981M	5.815495G	5.834475G	500k	2
18.87M	5.81558G	5.83445G	18.981M	5.815495G	5.834475G	500k	3
18.75M	5.81555G	5.8343G	18.981M	5.815495G	5.834475G	500k	4

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5190MHz

20/01/2020

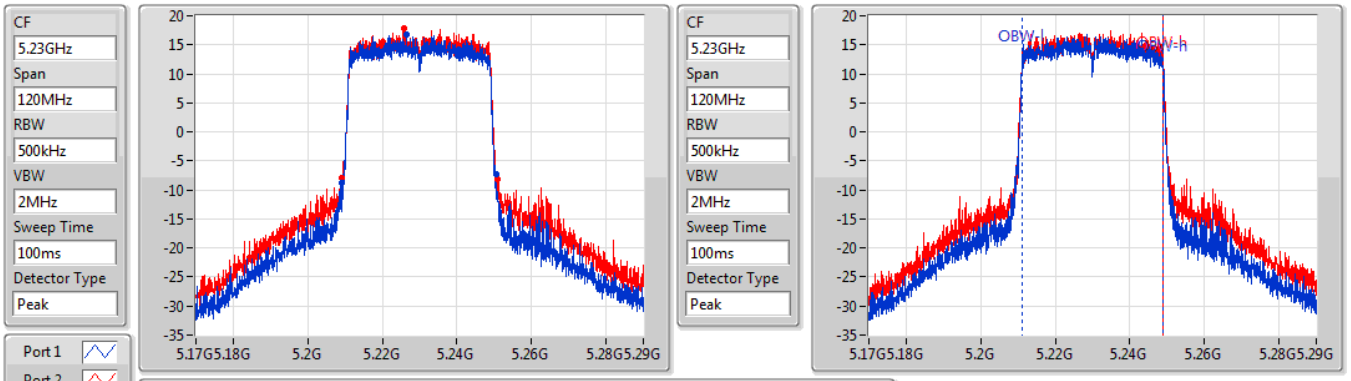


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.04M	5.16948G	5.21052G	37.721M	5.171169G	5.208891G	Inf	1
40.68M	5.16966G	5.21034G	37.721M	5.171169G	5.208891G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_2TX EBW

5230MHz

20/01/2020

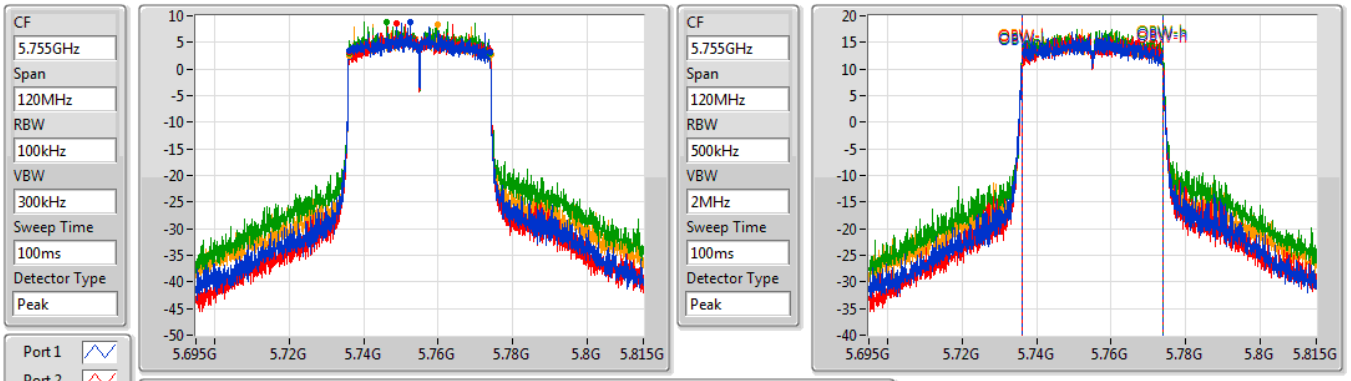


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.28M	5.20918G	5.25046G	37.841M	5.211049G	5.248891G	Inf	1
41.82M	5.20912G	5.25094G	37.841M	5.211109G	5.248951G	Inf	2

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5755MHz

20/01/2020

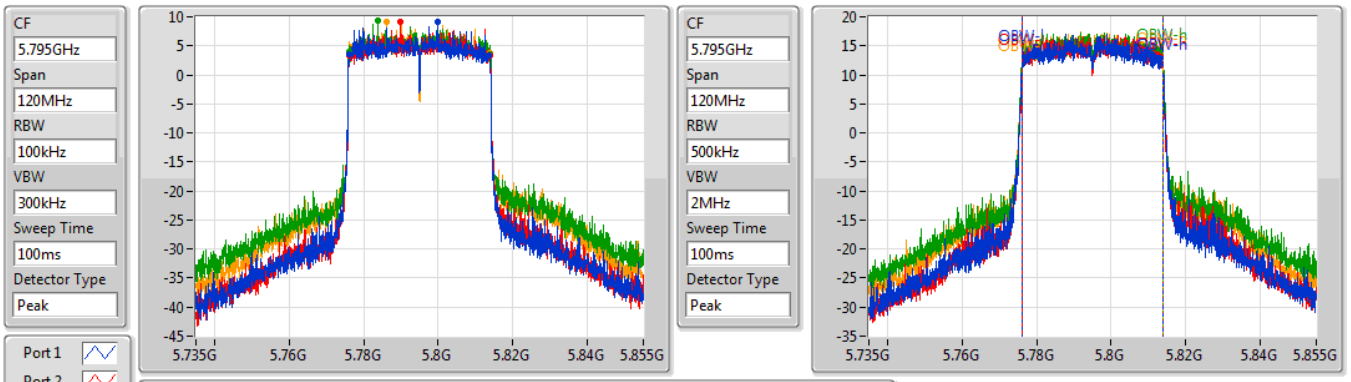


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.8M	5.7361G	5.7739G	37.841M	5.736049G	5.773891G	500k	1
37.5M	5.73628G	5.77378G	37.781M	5.736109G	5.773891G	500k	2
37.86M	5.73598G	5.77384G	37.901M	5.736049G	5.773951G	500k	3
38.1M	5.73598G	5.77408G	37.841M	5.736049G	5.773891G	500k	4

802.11ax HEW40_Nss1,(MCS0)_4TX EBW

5795MHz

20/01/2020

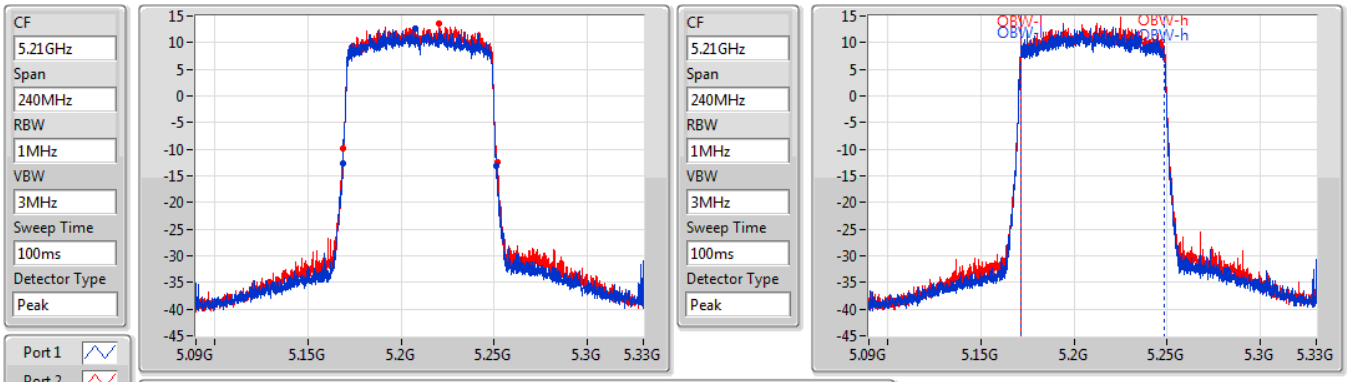


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.56M	5.77604G	5.8136G	37.781M	5.776049G	5.813831G	500k	1
37.8M	5.7761G	5.8139G	37.721M	5.776169G	5.813891G	500k	2
38.04M	5.77598G	5.81402G	37.901M	5.776049G	5.813951G	500k	3
37.92M	5.77604G	5.81396G	37.841M	5.776049G	5.813891G	500k	4

802.11ax HEW80_Nss1,(MCS0)_2TX EBW

5210MHz

20/01/2020

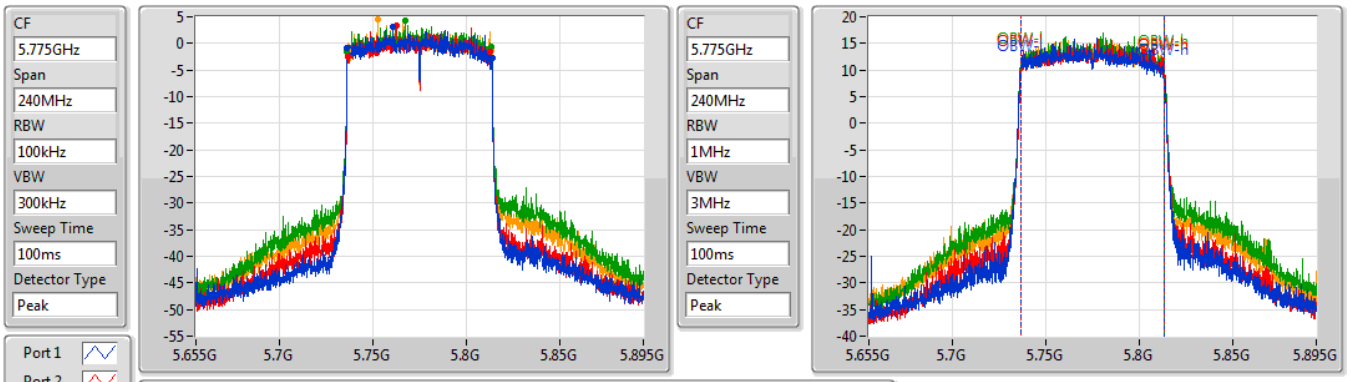


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.16884G	5.25104G	77.001M	5.171499G	5.248501G	Inf	1
82.56M	5.16896G	5.25152G	77.001M	5.171499G	5.248501G	Inf	2

802.11ax HEW80_Nss1,(MCS0)_4TX EBW

5775MHz

20/01/2020

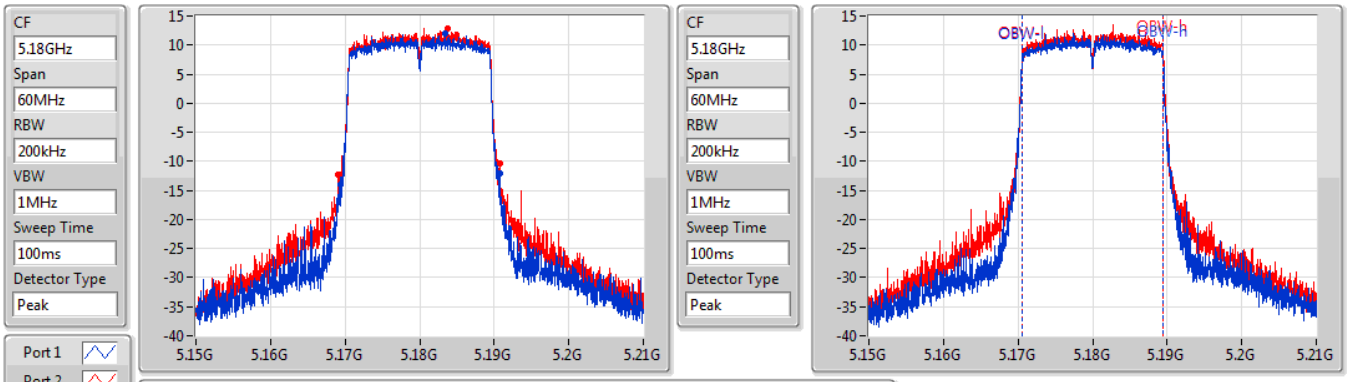


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
77.76M	5.73612G	5.81388G	77.121M	5.736259G	5.813381G	500k	1
76.44M	5.73648G	5.81292G	77.121M	5.736499G	5.813621G	500k	2
77.64M	5.736G	5.81364G	77.241M	5.736379G	5.813621G	500k	3
77.28M	5.73624G	5.81352G	77.121M	5.736379G	5.813501G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5180MHz

21/01/2020

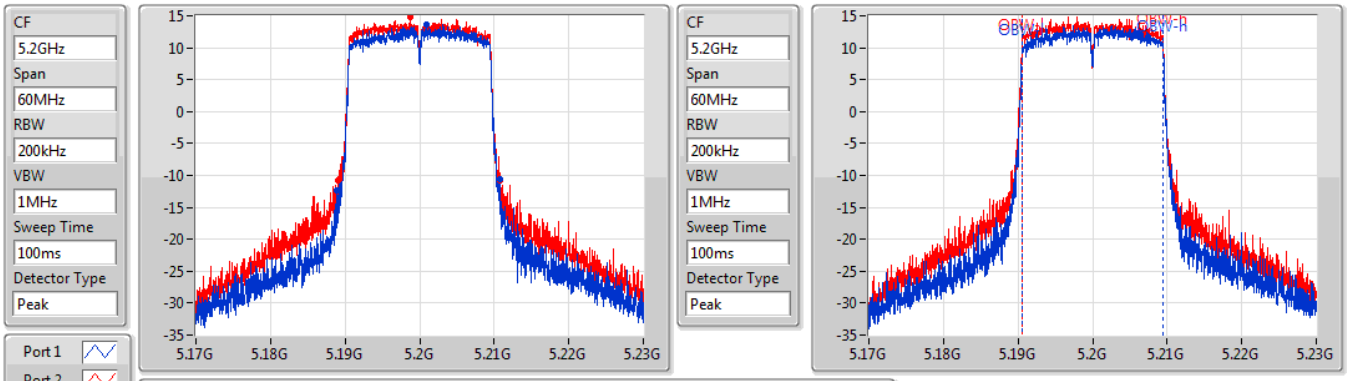


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.3M	5.16944G	5.19074G	18.921M	5.170555G	5.189475G	Inf	1
21.75M	5.16902G	5.19077G	18.921M	5.170555G	5.189475G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5200MHz

21/01/2020

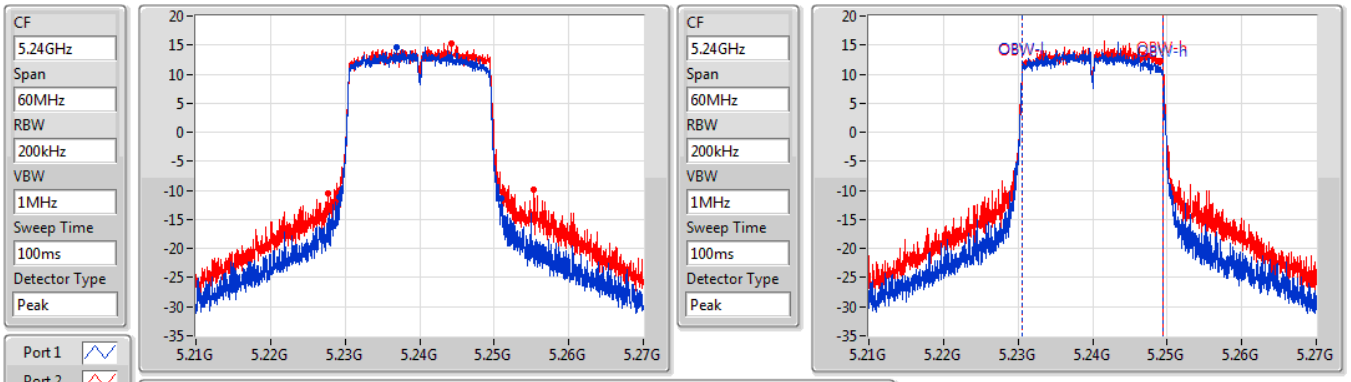


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.9M	5.1889G	5.2108G	18.921M	5.190555G	5.209475G	Inf	1
21.81M	5.18902G	5.21083G	18.951M	5.190525G	5.209475G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX EBW

5240MHz

21/01/2020

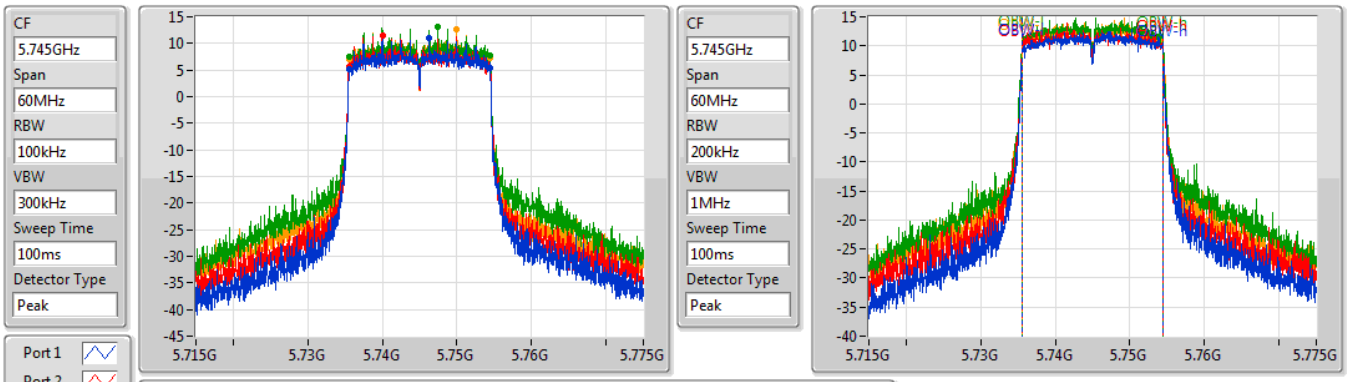


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.78M	5.22923G	5.25101G	18.951M	5.230525G	5.249475G	Inf	1
27.57M	5.22767G	5.25524G	18.981M	5.230525G	5.249505G	Inf	2

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5745MHz

21/01/2020

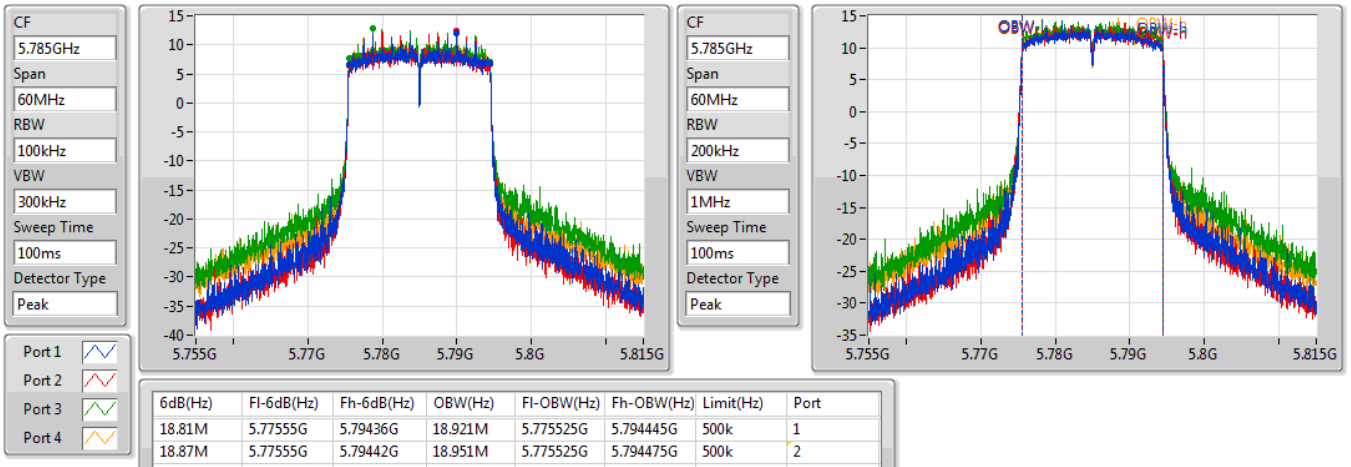


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.73561G	5.75448G	18.921M	5.735525G	5.754445G	500k	1
18.87M	5.73552G	5.75439G	18.951M	5.735495G	5.754445G	500k	2
18.84M	5.73561G	5.75445G	18.951M	5.735525G	5.754475G	500k	3
18.78M	5.73561G	5.75439G	18.951M	5.735525G	5.754475G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5785MHz

21/01/2020

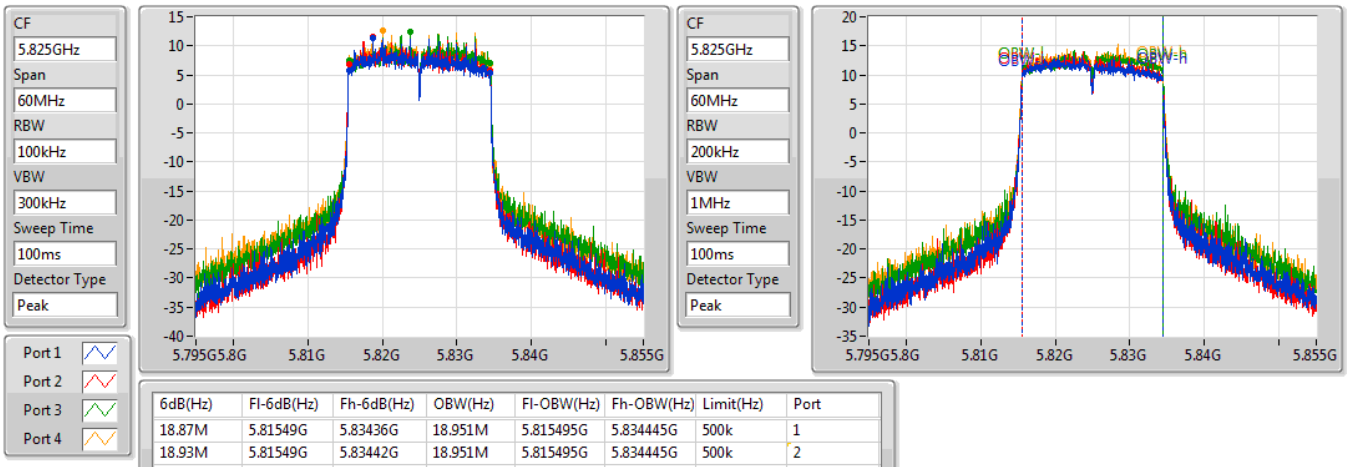


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.81M	5.77555G	5.79436G	18.921M	5.775525G	5.794445G	500k	1
18.87M	5.77555G	5.79442G	18.951M	5.775525G	5.794475G	500k	2
18.96M	5.77552G	5.79448G	19.01M	5.775495G	5.794505G	500k	3
18.9M	5.77555G	5.79445G	18.951M	5.775495G	5.794445G	500k	4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX EBW

5825MHz

21/01/2020

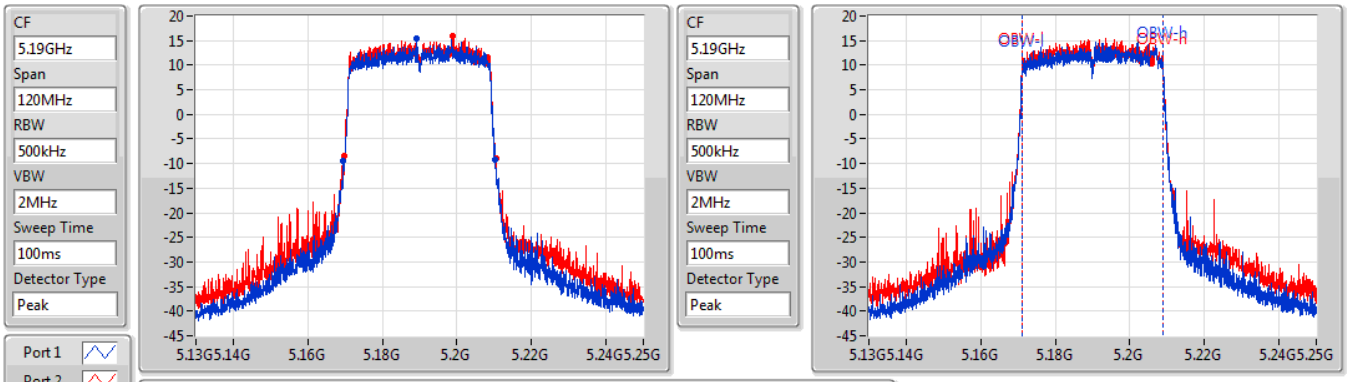


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.87M	5.81549G	5.83436G	18.951M	5.815495G	5.834445G	500k	1
18.93M	5.81549G	5.83442G	18.951M	5.815495G	5.834445G	500k	2
18.81M	5.81558G	5.83439G	18.951M	5.815525G	5.834475G	500k	3
18.84M	5.81552G	5.83436G	18.981M	5.815495G	5.834475G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5190MHz

21/01/2020

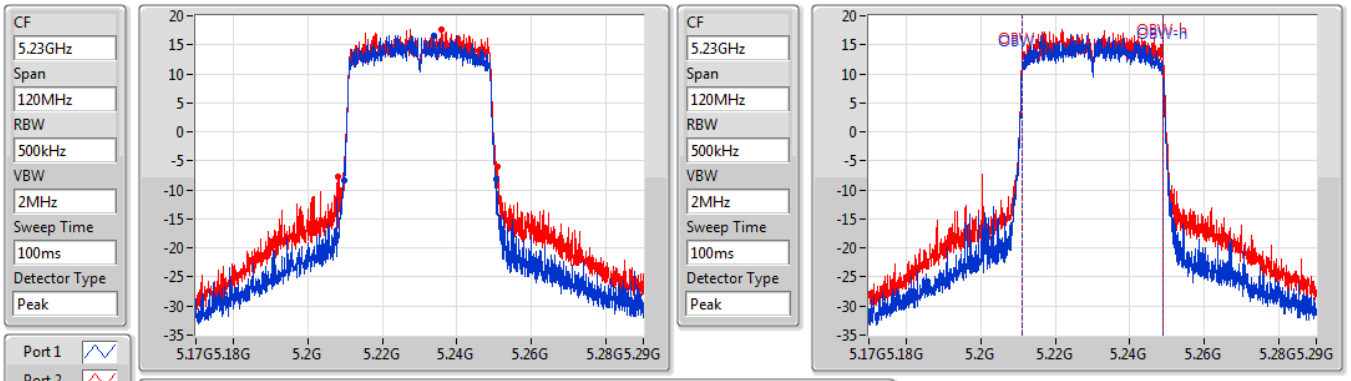


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.8M	5.16954G	5.21034G	37.781M	5.171109G	5.208891G	Inf	1
40.74M	5.16978G	5.21052G	37.661M	5.171169G	5.208831G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX EBW

5230MHz

21/01/2020

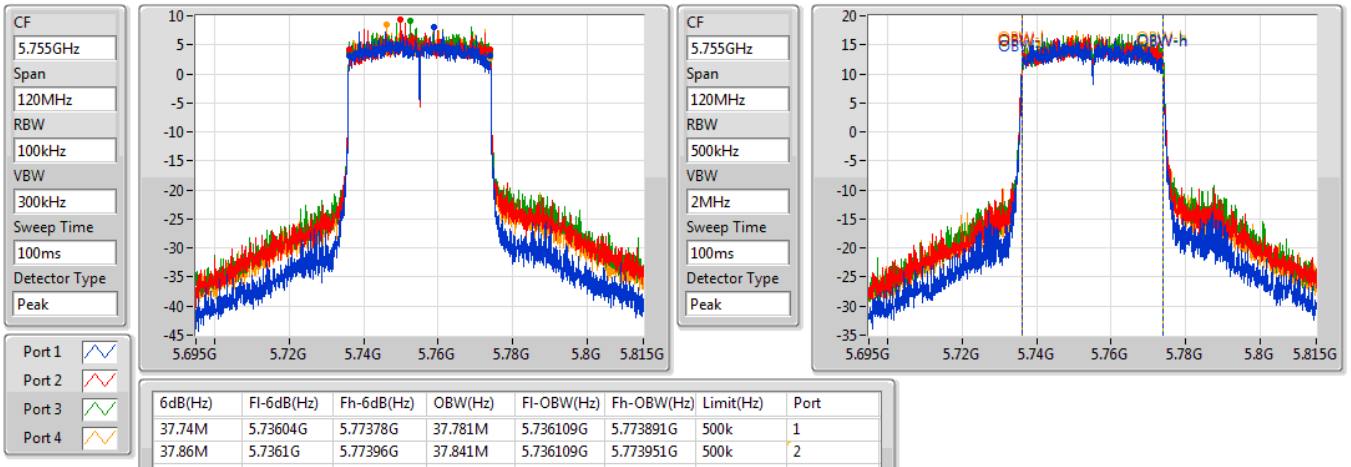


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.92M	5.20966G	5.25058G	37.721M	5.211109G	5.248831G	Inf	1
42.78M	5.20822G	5.251G	37.841M	5.211109G	5.248951G	Inf	2

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5755MHz

22/01/2020

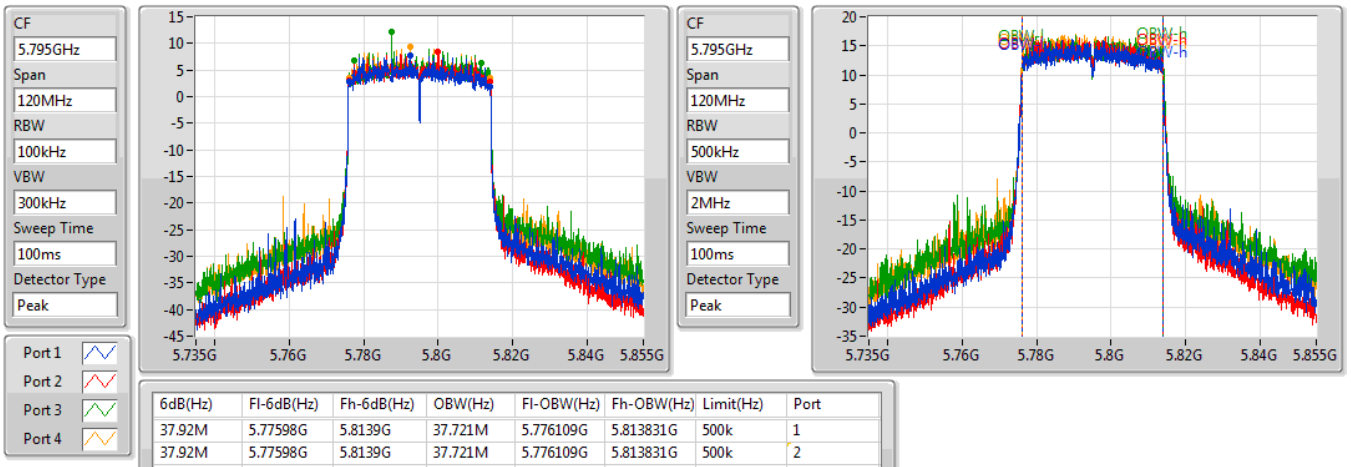


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.74M	5.73604G	5.77378G	37.781M	5.736109G	5.773891G	500k	1
37.86M	5.7361G	5.77396G	37.841M	5.736109G	5.773951G	500k	2
37.8M	5.73622G	5.77402G	37.901M	5.736109G	5.77401G	500k	3
37.86M	5.73604G	5.7739G	37.781M	5.736109G	5.773891G	500k	4

802.11ax HEW40-BF_Nss1,(MCS0)_4TX EBW

5795MHz

21/01/2020

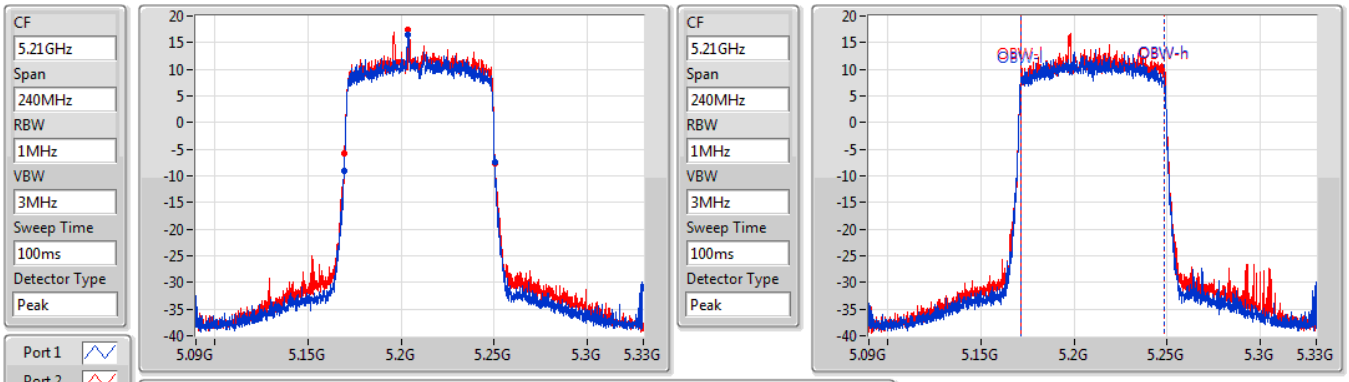


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.92M	5.77598G	5.8139G	37.721M	5.776109G	5.813831G	500k	1
37.92M	5.77598G	5.8139G	37.721M	5.776109G	5.813831G	500k	2
33.84M	5.77754G	5.81138G	37.841M	5.776109G	5.813951G	500k	3
37.86M	5.7761G	5.81396G	37.841M	5.776049G	5.813891G	500k	4

802.11ax HEW80-BF_Nss1,(MCS0)_2TX EBW

5210MHz

21/01/2020

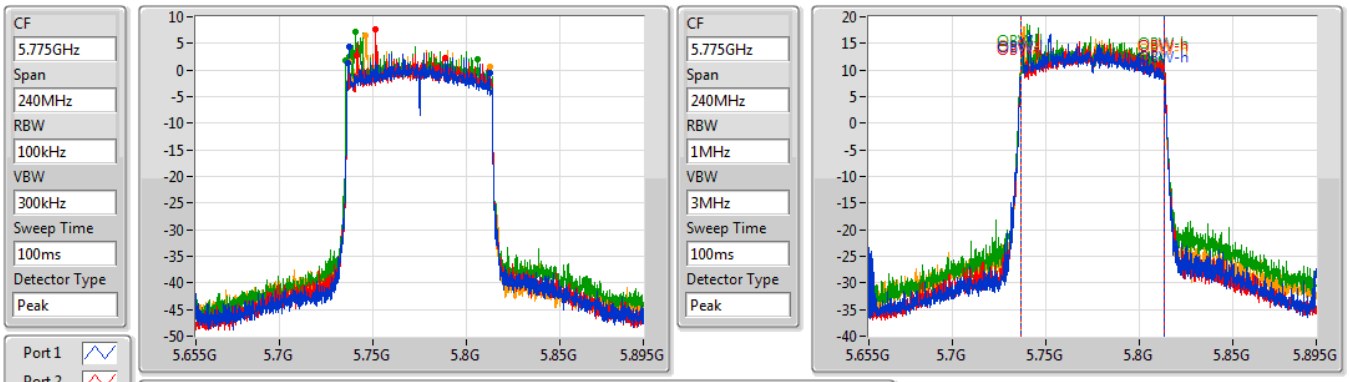


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81M	5.16944G	5.25044G	77.241M	5.171379G	5.248621G	Inf	1
80.88M	5.16968G	5.25056G	77.121M	5.171619G	5.248741G	Inf	2

802.11ax HEW80-BF_Nss1,(MCS0)_4TX EBW

5775MHz

21/01/2020



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
75.84M	5.73672G	5.81256G	76.882M	5.736499G	5.813381G	500k	1
47.76M	5.74092G	5.78868G	77.001M	5.736499G	5.813501G	500k	2
70.8M	5.73552G	5.80632G	77.001M	5.736499G	5.813501G	500k	3
75.12M	5.73744G	5.81256G	77.001M	5.736379G	5.813381G	500k	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	28.22	0.66374
802.11ax HEW20_Nss1,(MCS0)_2TX	28.30	0.67608
802.11ax HEW40_Nss1,(MCS0)_2TX	26.79	0.47753
802.11ax HEW80_Nss1,(MCS0)_2TX	22.45	0.17579
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.30	0.53703
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.62	0.45920
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.40	0.17378
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	29.91	0.97949
802.11ax HEW20_Nss1,(MCS0)_4TX	29.84	0.96383
802.11ax HEW40_Nss1,(MCS0)_4TX	29.91	0.97949
802.11ax HEW80_Nss1,(MCS0)_4TX	27.85	0.60954
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	29.96	0.99083
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	29.35	0.86099
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	27.34	0.54200

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)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.66	21.83	22.60	-	-	25.24	30.00
5200MHz	Pass	4.66	24.43	25.25	-	-	27.87	30.00
5240MHz	Pass	4.66	24.85	25.55	-	-	28.22	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	2.15	23.52	23.23	24.50	23.91	29.84	30.00
5785MHz	Pass	2.15	23.50	23.80	24.30	23.90	29.91	30.00
5825MHz	Pass	2.15	23.62	23.77	23.80	23.69	29.74	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.66	20.63	21.45	-	-	24.07	30.00
5200MHz	Pass	4.66	24.28	25.10	-	-	27.72	30.00
5240MHz	Pass	4.66	24.95	25.61	-	-	28.30	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	2.15	23.19	23.39	24.29	23.57	29.65	30.00
5785MHz	Pass	2.15	23.20	23.52	24.13	23.77	29.69	30.00
5825MHz	Pass	2.15	23.71	23.77	23.93	23.88	29.84	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.66	20.26	21.04	-	-	23.68	30.00
5230MHz	Pass	4.66	23.44	24.09	-	-	26.79	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	2.15	23.20	23.38	24.21	23.53	29.62	30.00
5795MHz	Pass	2.15	23.46	23.69	24.30	24.05	29.91	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.66	19.14	19.72	-	-	22.45	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	2.15	21.41	21.63	22.35	21.89	27.85	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.24	21.71	22.64	-	-	25.21	30.00
5200MHz	Pass	5.24	23.76	24.67	-	-	27.25	30.00
5240MHz	Pass	5.24	23.85	24.69	-	-	27.30	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	5.80	23.00	23.47	24.59	24.13	29.86	30.00
5785MHz	Pass	5.80	23.44	23.69	24.32	23.81	29.85	30.00
5825MHz	Pass	5.80	23.59	23.53	24.20	24.36	29.96	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.24	21.25	22.18	-	-	24.75	30.00
5230MHz	Pass	5.24	23.23	23.95	-	-	26.62	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	5.80	22.11	22.52	23.63	23.35	28.97	30.00
5795MHz	Pass	5.80	22.91	23.00	23.62	23.74	29.35	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.24	19.36	19.41	-	-	22.40	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.80	21.06	20.74	21.87	21.53	27.34	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	15.78
802.11ax HEW20_Nss1,(MCS0)_2TX	15.31
802.11ax HEW40_Nss1,(MCS0)_2TX	10.86
802.11ax HEW80_Nss1,(MCS0)_2TX	3.64
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.93
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.41
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.73
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.80
802.11ax HEW20_Nss1,(MCS0)_4TX	14.99
802.11ax HEW40_Nss1,(MCS0)_4TX	12.27
802.11ax HEW80_Nss1,(MCS0)_4TX	7.26
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.12
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.65
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.76

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

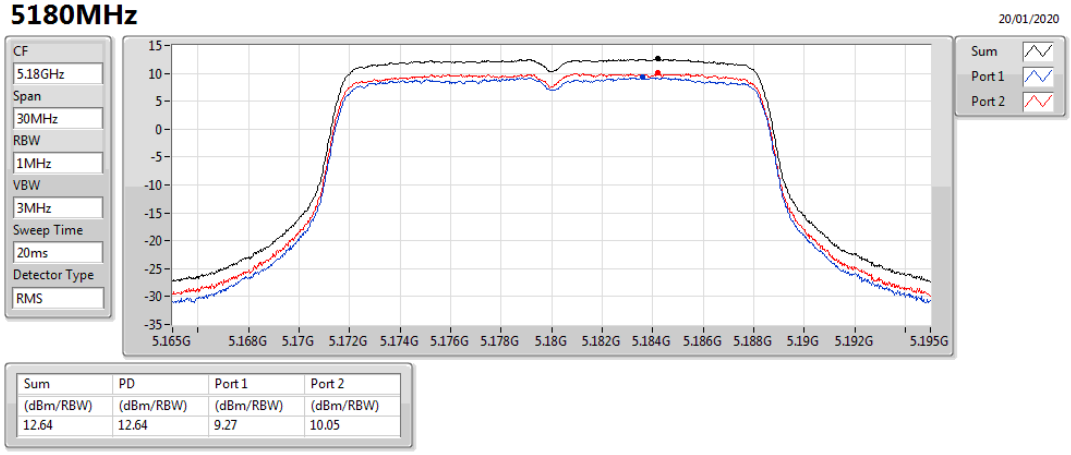
Result

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)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.24	9.27	10.05	-	-	12.64	17.00
5200MHz	Pass	5.24	12.08	12.61	-	-	15.27	17.00
5240MHz	Pass	5.24	12.56	13.13	-	-	15.78	17.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	5.80	9.58	9.80	10.43	10.04	15.80	30.00
5785MHz	Pass	5.80	9.48	9.92	10.55	10.04	15.70	30.00
5825MHz	Pass	5.80	9.61	9.50	10.17	9.63	15.55	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.24	7.63	8.31	-	-	10.92	17.00
5200MHz	Pass	5.24	11.18	11.75	-	-	14.43	17.00
5240MHz	Pass	5.24	12.18	12.57	-	-	15.31	17.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	5.80	8.57	8.76	9.34	8.82	14.65	30.00
5785MHz	Pass	5.80	8.53	9.03	9.43	9.14	14.86	30.00
5825MHz	Pass	5.80	9.19	8.90	9.49	9.16	14.99	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.24	4.35	5.11	-	-	7.72	17.00
5230MHz	Pass	5.24	7.56	8.25	-	-	10.86	17.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	5.80	5.99	6.00	6.86	6.09	11.97	30.00
5795MHz	Pass	5.80	6.17	6.27	6.93	6.55	12.27	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.24	0.57	0.92			3.64	17.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.80	1.20	1.29	2.02	1.39	7.26	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.24	8.53	9.14	-	-	11.64	17.00
5200MHz	Pass	5.24	10.43	11.30	-	-	13.76	17.00
5240MHz	Pass	5.24	11.00	10.94	-	-	13.93	17.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5745MHz	Pass	5.80	8.16	8.60	9.83	9.43	14.88	30.00
5785MHz	Pass	5.80	8.89	9.01	9.52	9.36	15.03	30.00
5825MHz	Pass	5.80	8.78	9.05	9.69	9.79	15.12	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.24	5.32	6.29	-	-	8.70	17.00
5230MHz	Pass	5.24	7.29	7.76	-	-	10.41	17.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5755MHz	Pass	5.80	4.98	5.20	6.51	6.17	11.59	30.00
5795MHz	Pass	5.80	5.31	5.66	6.16	6.19	11.65	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.24	0.48	1.13	-	-	3.73	17.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5775MHz	Pass	5.80	0.60	0.95	1.49	1.04	6.76	30.00

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

802.11a_Nss1,(6Mbps)_2TX PSD

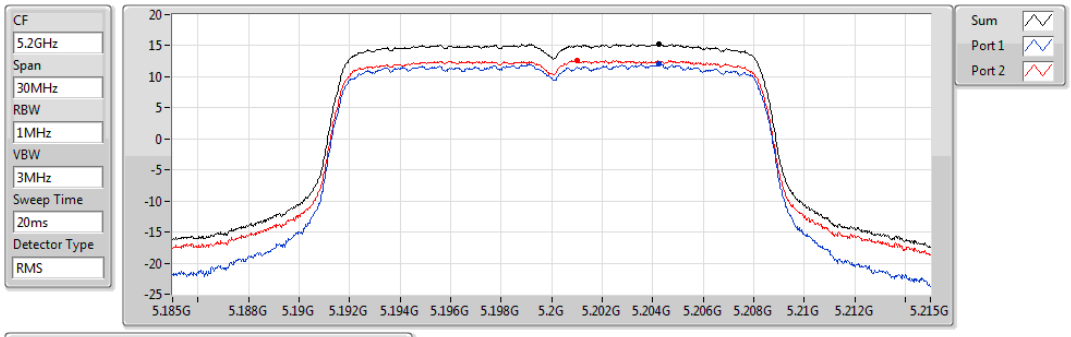
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.64	12.64	9.27	10.05

802.11a_Nss1,(6Mbps)_2TX PSD

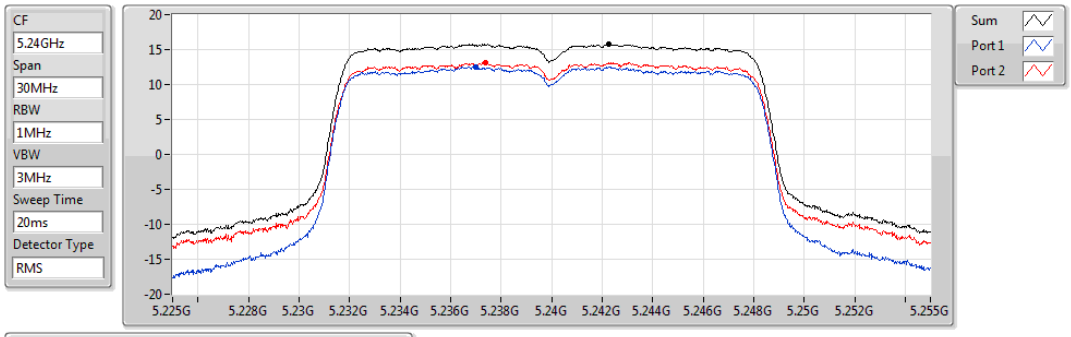
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.27	15.27	12.08	12.61

802.11a_Nss1,(6Mbps)_2TX PSD

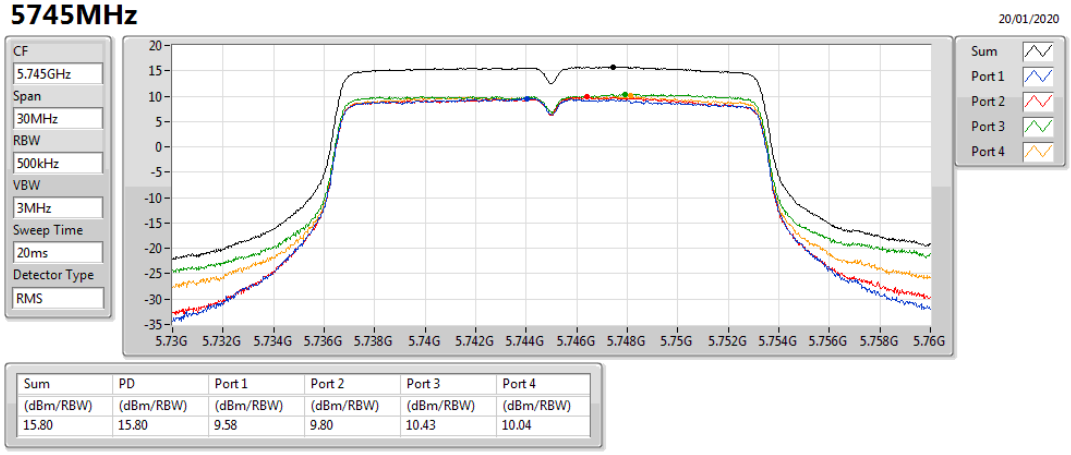
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.78	15.78	12.56	13.13

802.11a_Nss1,(6Mbps)_4TX PSD

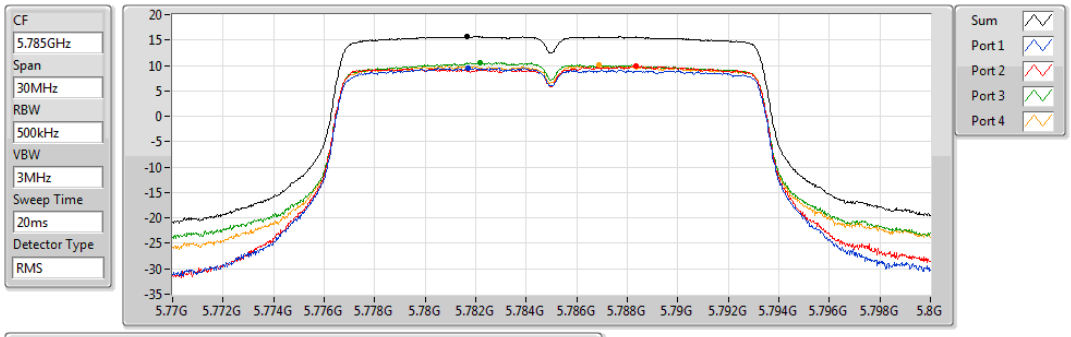
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.80	15.80	9.58	9.80	10.43	10.04

802.11a_Nss1,(6Mbps)_4TX PSD

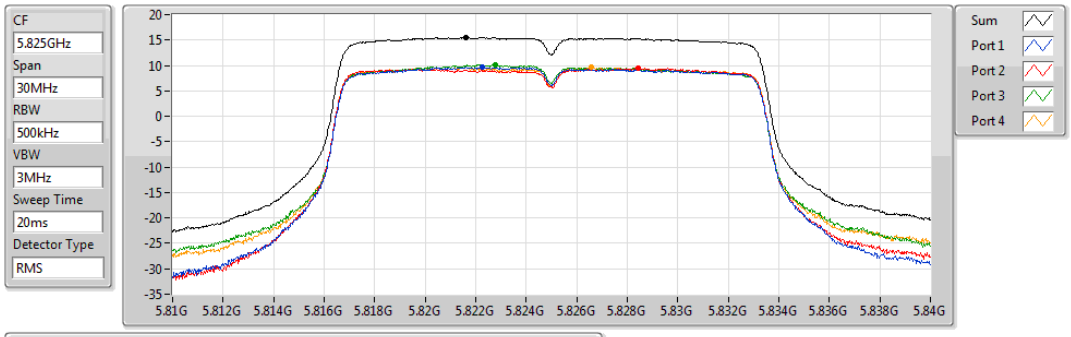
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.70	15.70	9.48	9.92	10.55	10.04

802.11a_Nss1,(6Mbps)_4TX PSD

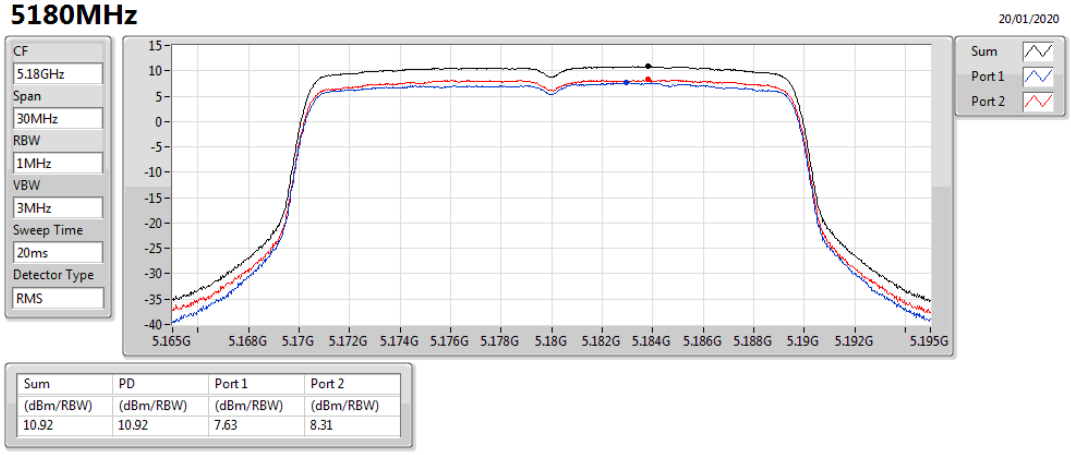
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.55	15.55	9.61	9.50	10.17	9.63

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

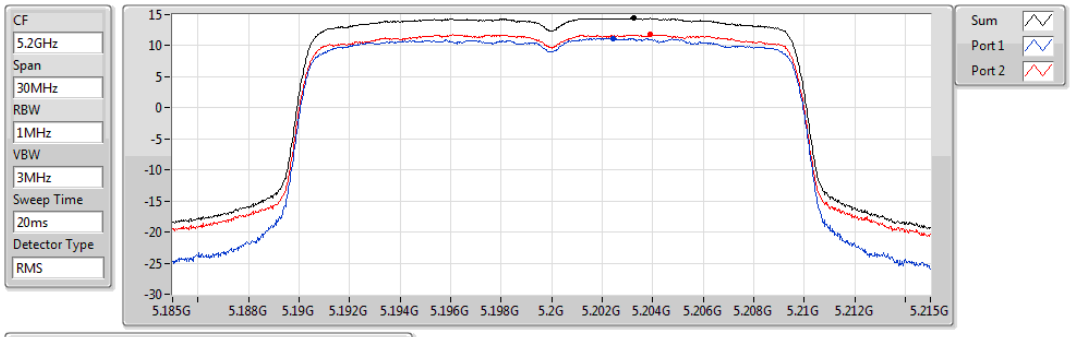
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.92	10.92	7.63	8.31

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

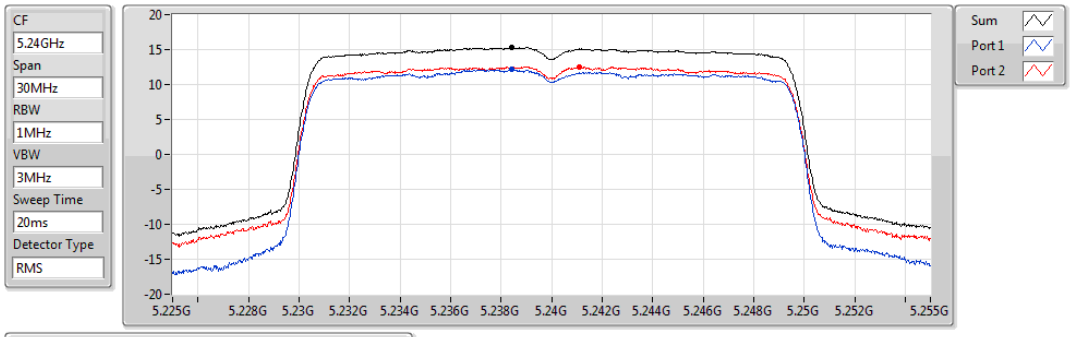
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.43	14.43	11.18	11.75

802.11ax HEW20_Nss1,(MCS0)_2TX PSD

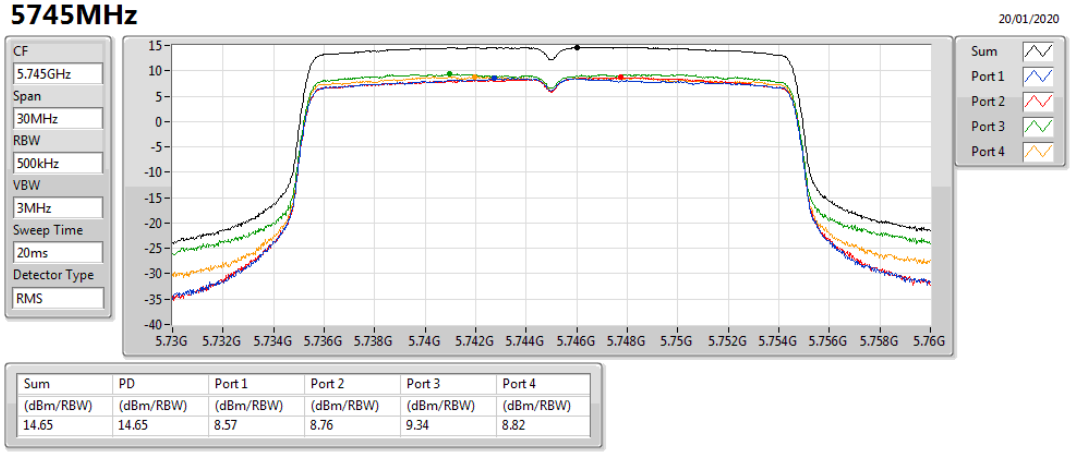
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.31	15.31	12.18	12.57

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

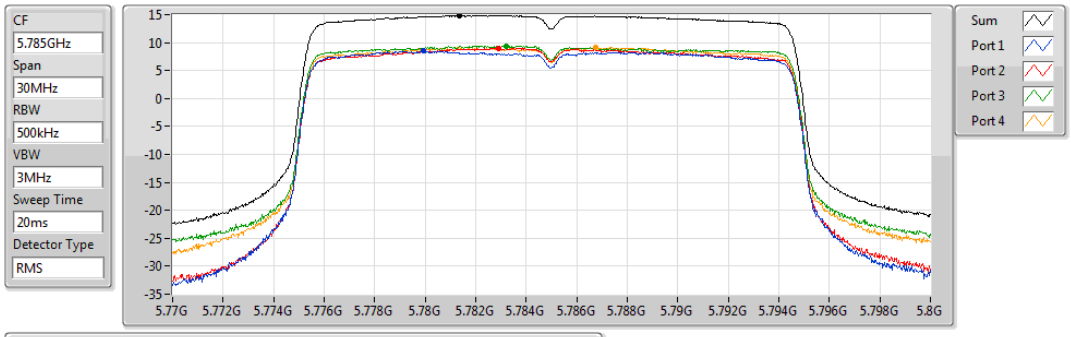
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.65	14.65	8.57	8.76	9.34	8.82

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

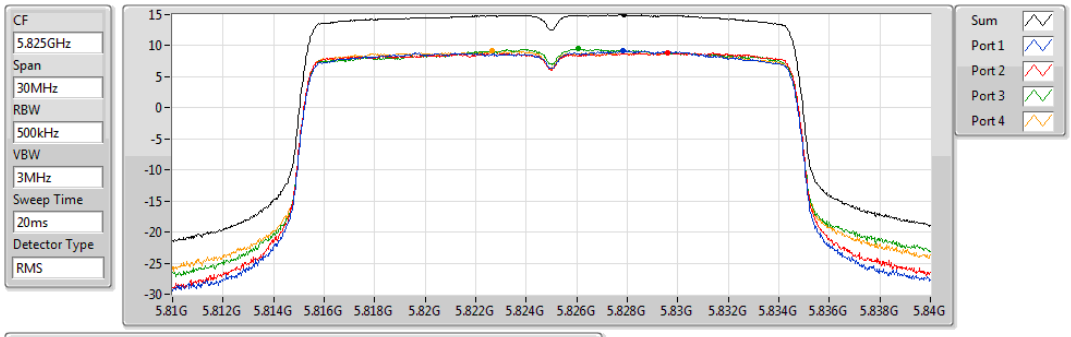
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.86	14.86	8.53	9.03	9.43	9.14

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

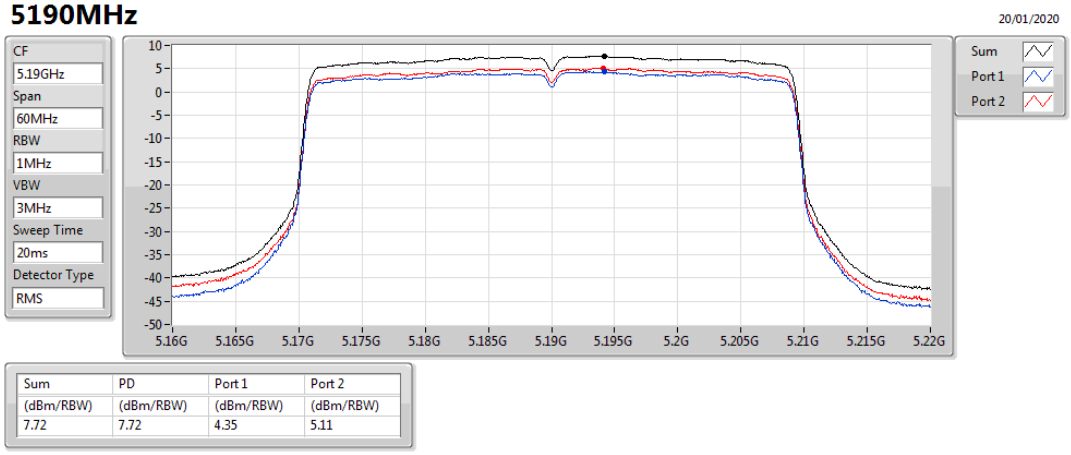
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.99	14.99	9.19	8.90	9.49	9.16

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

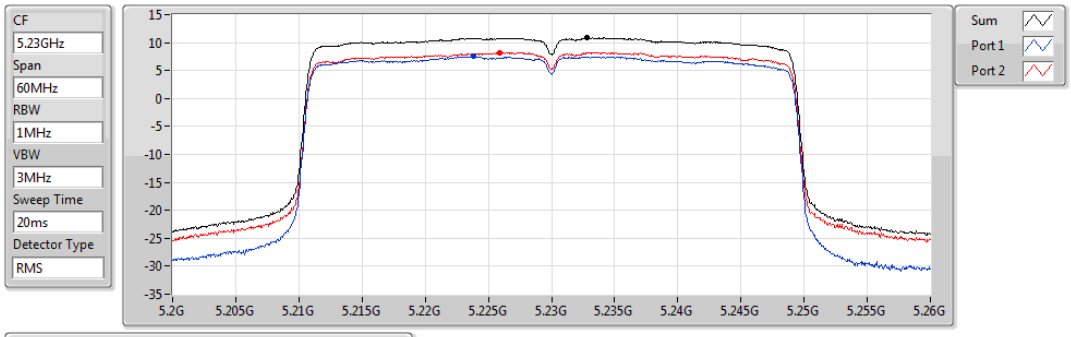
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.72	7.72	4.35	5.11

802.11ax HEW40_Nss1,(MCS0)_2TX PSD

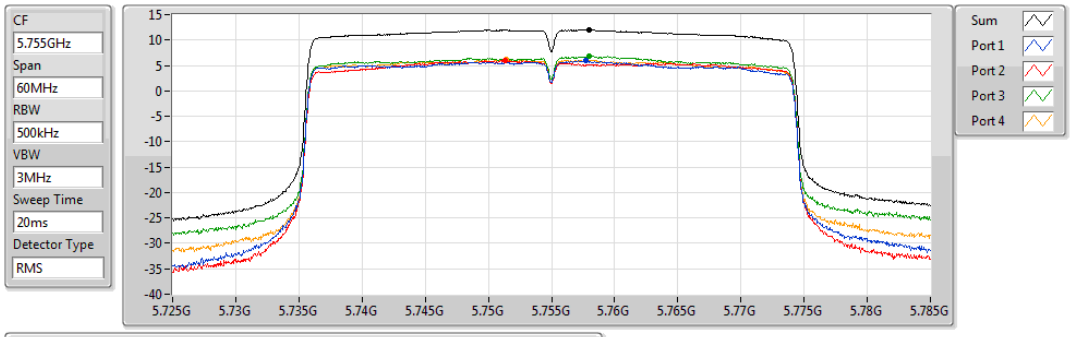
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	7.56	8.25

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

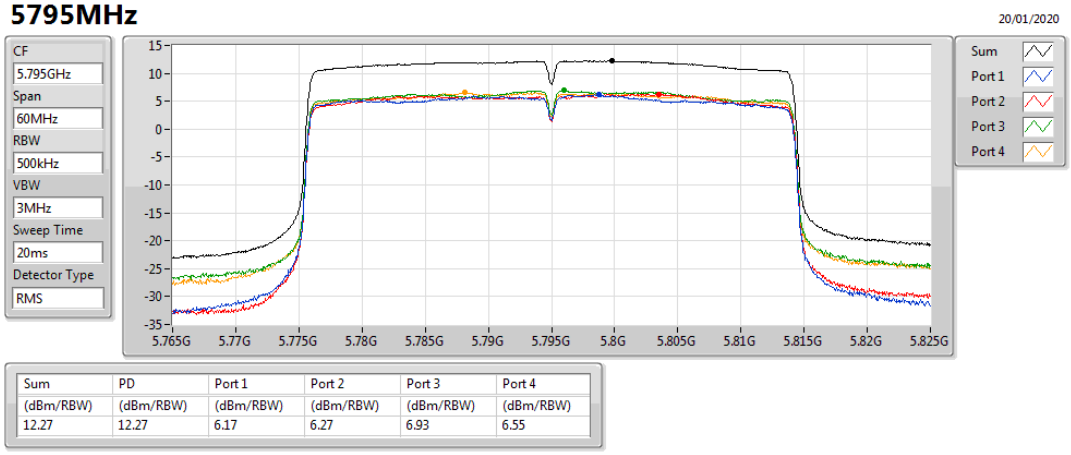
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.97	11.97	5.99	6.00	6.86	6.09

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

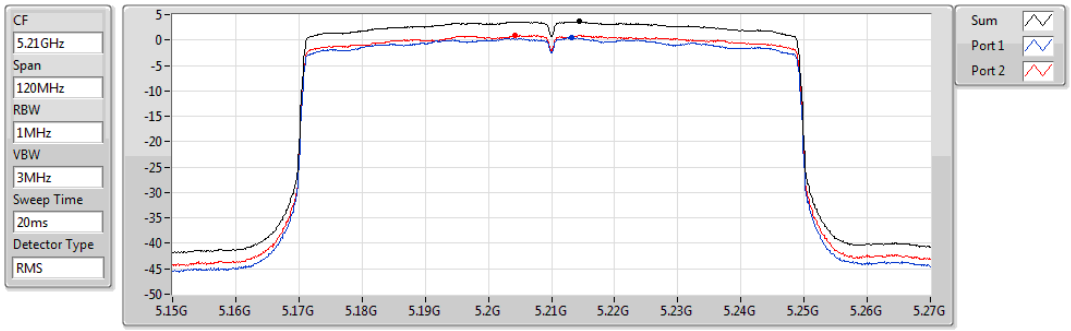
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.27	12.27	6.17	6.27	6.93	6.55

802.11ax HEW80_Nss1,(MCS0)_2TX PSD

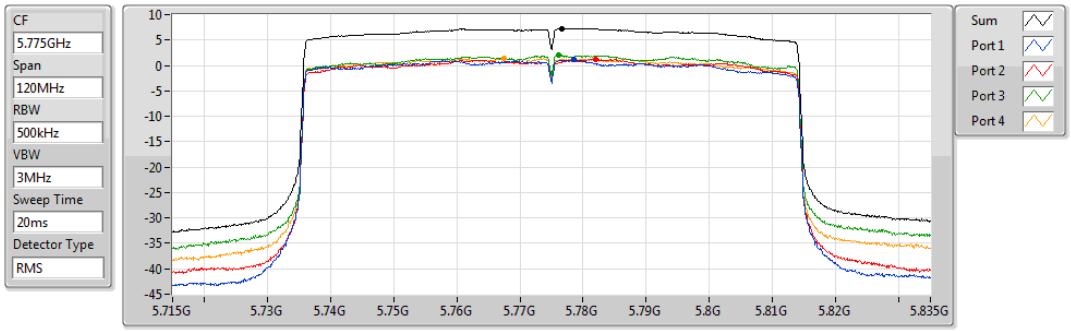
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.64	3.64	0.57	0.92

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

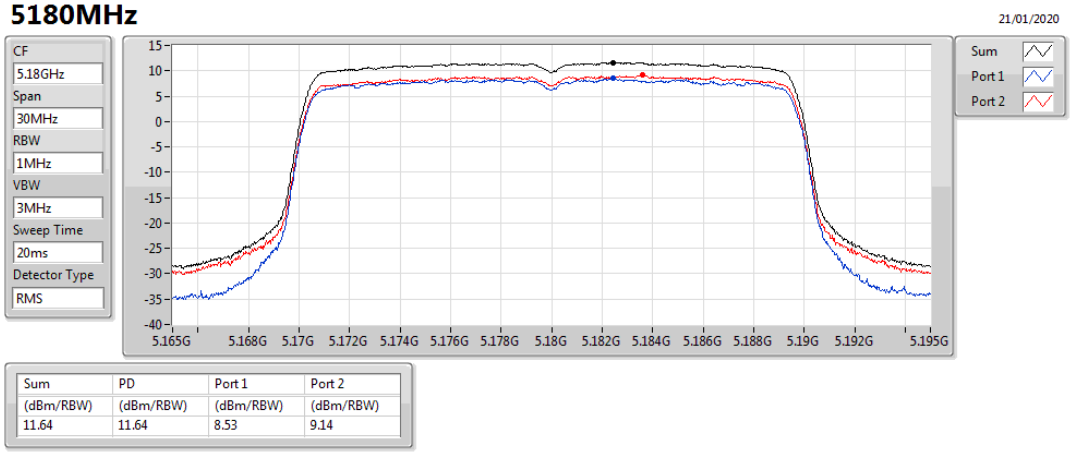
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	1.20	1.29	2.02	1.39

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

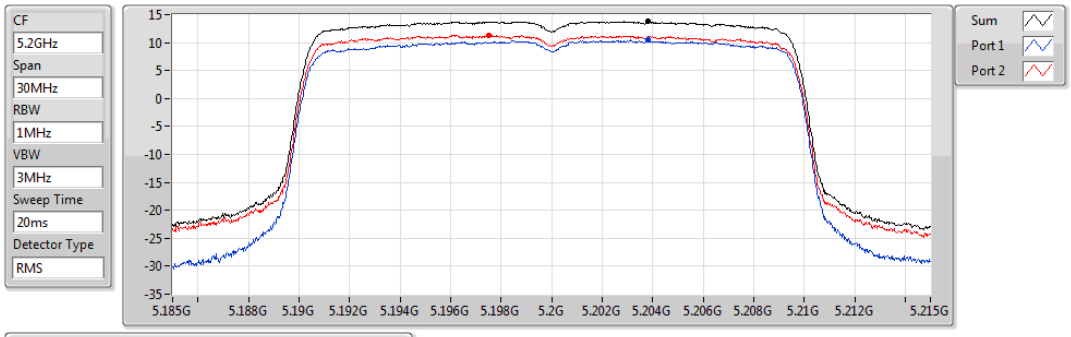
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.64	11.64	8.53	9.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

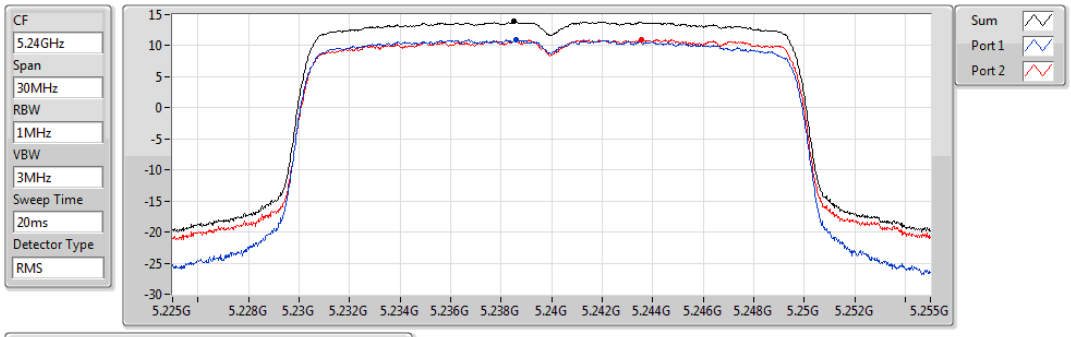
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.76	13.76	10.43	11.30

802.11ax HEW20-BF_Nss1,(MCS0)_2TX PSD

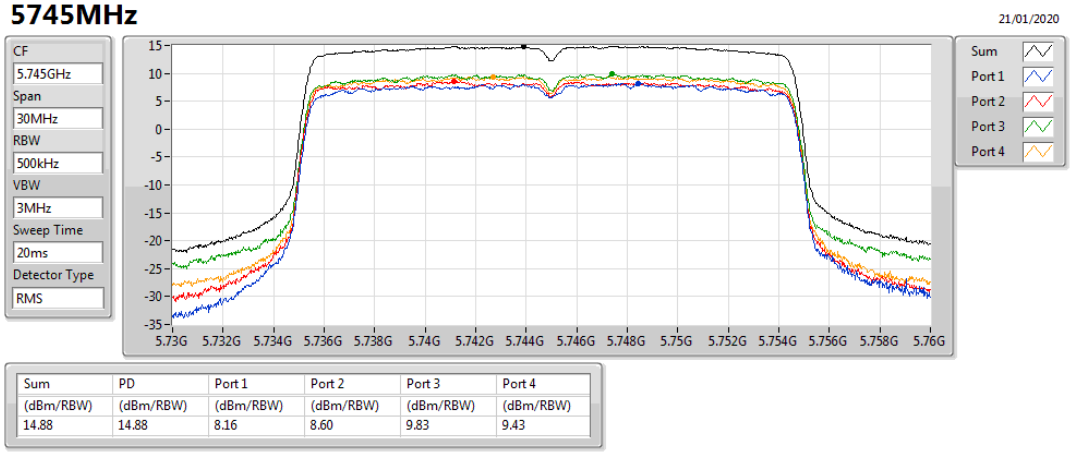
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.93	13.93	11.00	10.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

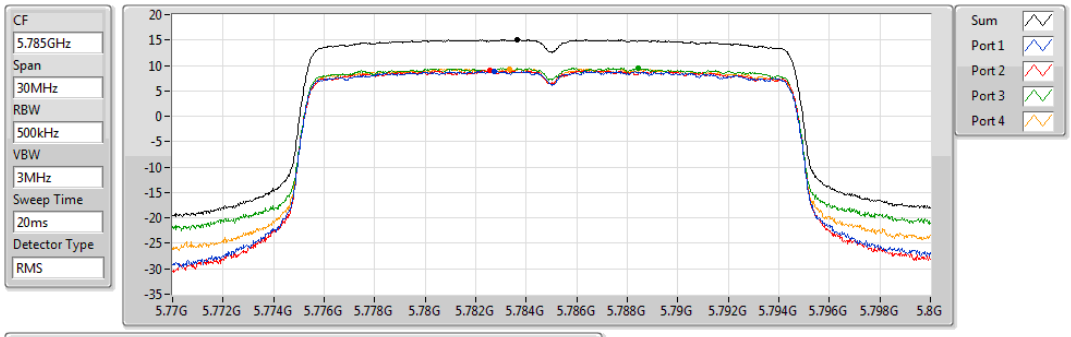
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.88	14.88	8.16	8.60	9.83	9.43

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

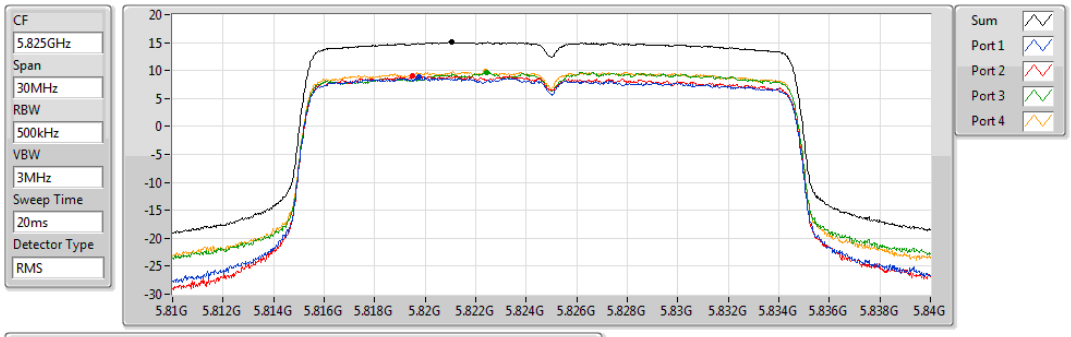
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.03	15.03	8.89	9.01	9.52	9.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX PSD

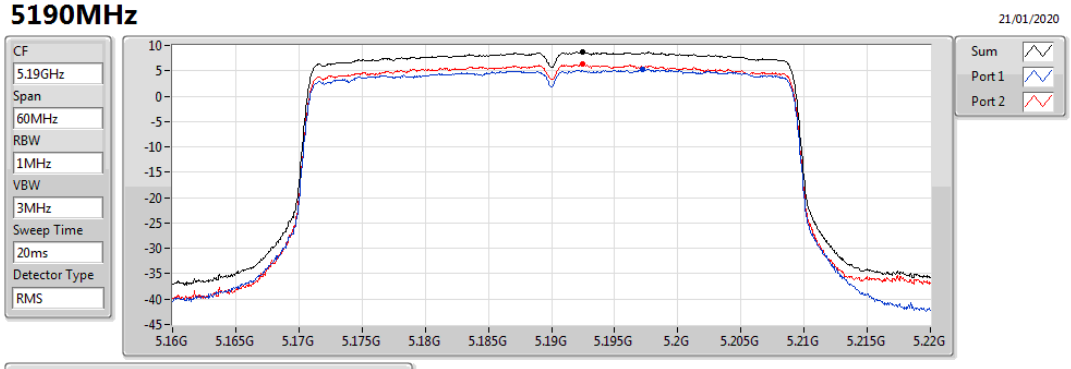
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.12	15.12	8.78	9.05	9.69	9.79

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

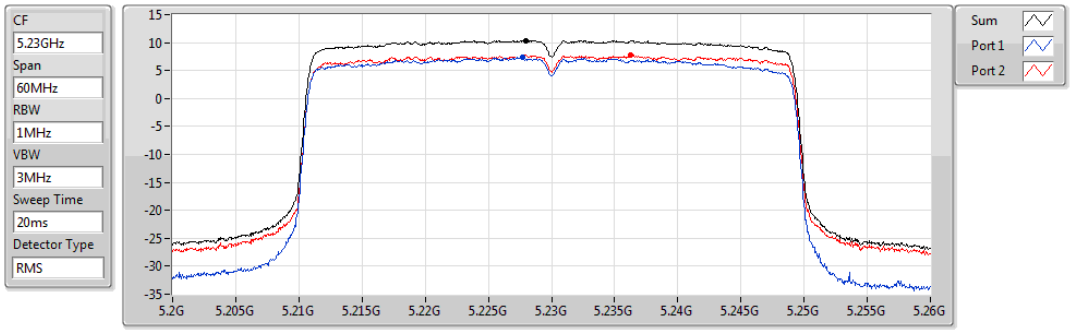
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.70	8.70	5.32	6.29

802.11ax HEW40-BF_Nss1,(MCS0)_2TX PSD

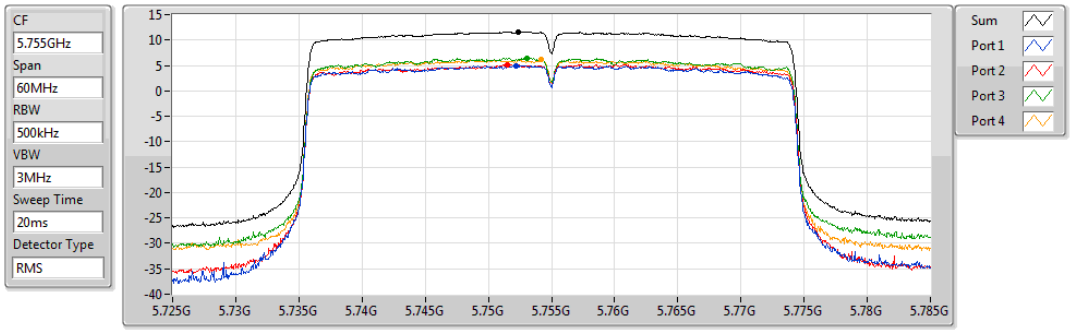
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.41	10.41	7.29	7.76

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

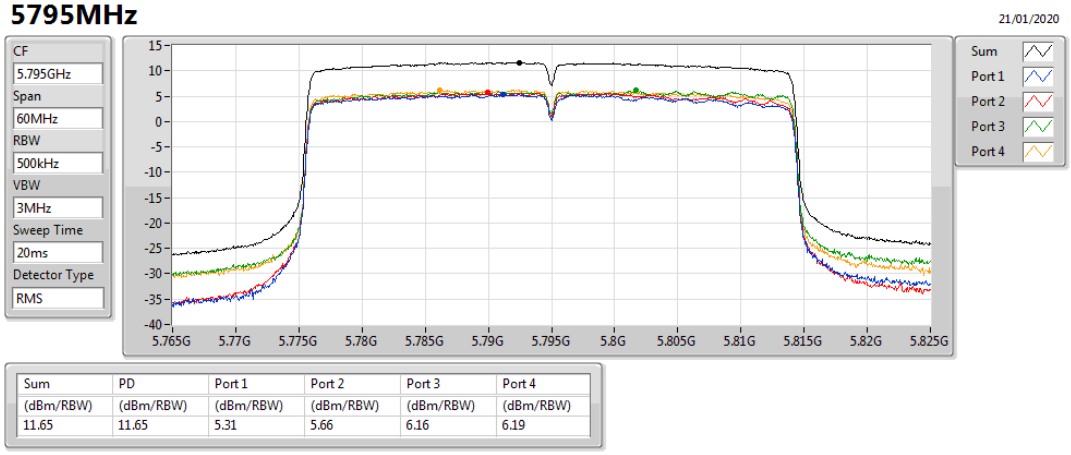
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.59	11.59	4.98	5.20	6.51	6.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX PSD

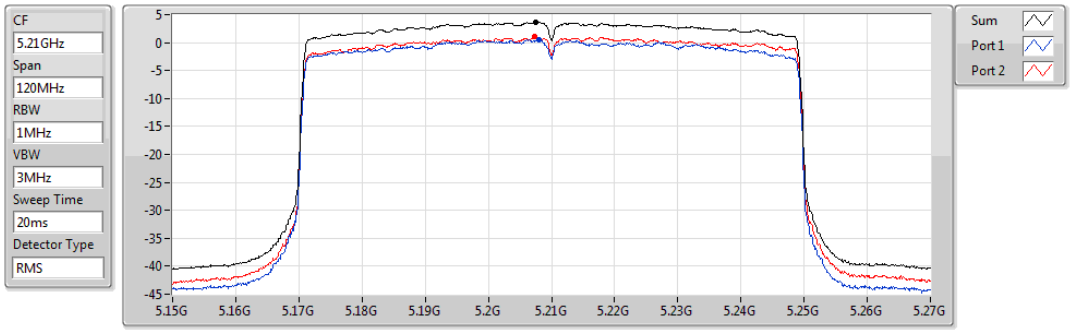
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.65	11.65	5.31	5.66	6.16	6.19

802.11ax HEW80-BF_Nss1,(MCS0)_2TX PSD

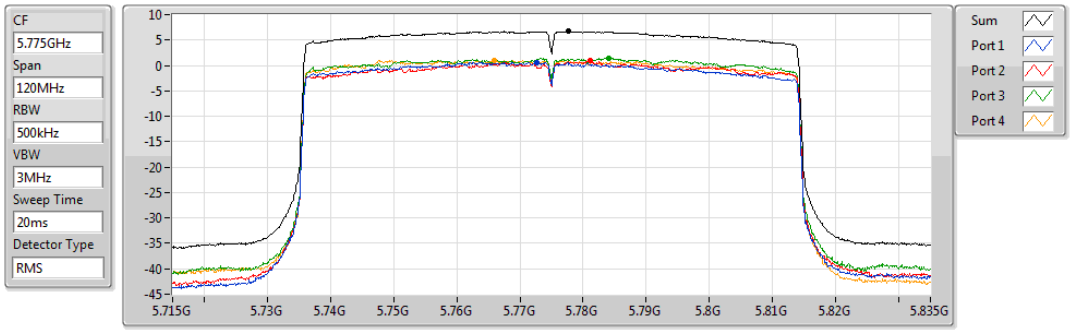
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.73	3.73	0.48	1.13

802.11ax HEW80-BF_Nss1,(MCS0)_4TX PSD

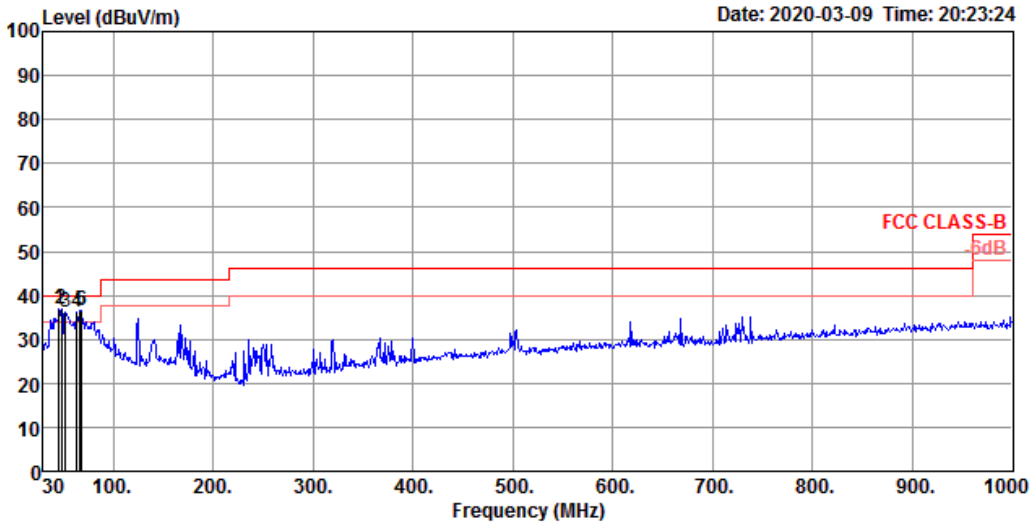
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.76	6.76	0.60	0.95	1.49	1.04

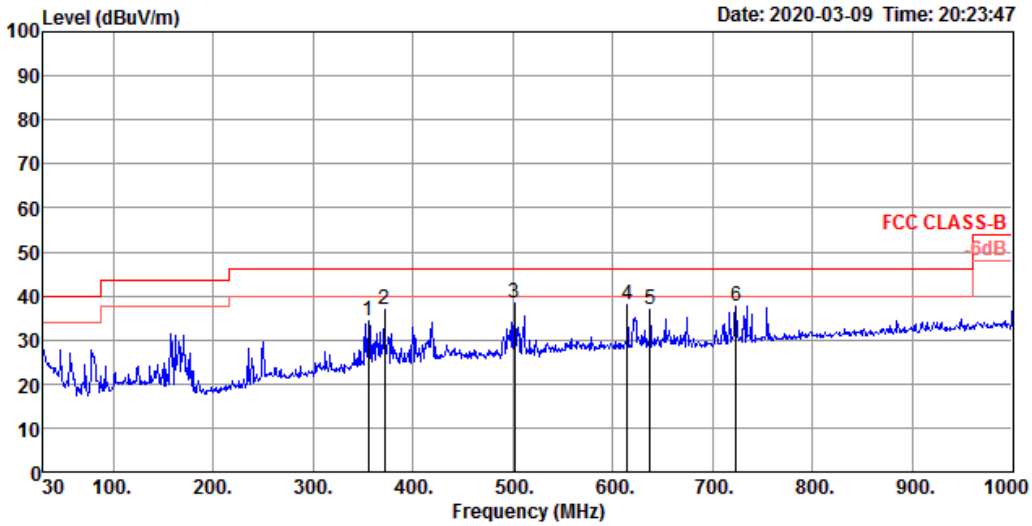
Test Mode	Mode 2	Frequency Range	30 MHz to 1,000 MHz

Vertical 30 MHz to 1,000 MHz



	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	45.52	36.80	40.00	-3.20	50.73	0.90	16.78	31.61	100	186	Peak	VERTICAL
2	48.43	36.85	40.00	-3.15	52.17	0.92	15.46	31.70	100	186	Peak	VERTICAL
3	52.31	36.21	40.00	-3.79	52.81	0.92	14.25	31.77	100	7	Peak	VERTICAL
4	63.95	36.35	40.00	-3.65	54.62	1.00	12.60	31.87	100	354	Peak	VERTICAL
5	66.86	36.50	40.00	-3.50	54.76	1.01	12.60	31.87	150	68	Peak	VERTICAL
6	68.80	36.47	40.00	-3.53	54.73	1.02	12.60	31.88	200	30	Peak	VERTICAL

Horizontal 30 MHz to 1,000 MHz



	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	354.95	34.35	46.00	-11.65	42.69	2.47	21.34	32.15	100	3	Peak	HORIZONTAL
2	371.44	36.77	46.00	-9.23	44.64	2.51	21.78	32.16	100	347	Peak	HORIZONTAL
3	501.42	38.40	46.00	-7.60	44.11	2.94	23.83	32.48	200	169	Peak	HORIZONTAL
4	614.91	38.09	46.00	-7.91	42.09	3.29	25.08	32.37	100	304	Peak	HORIZONTAL
5	637.22	36.93	46.00	-9.07	40.81	3.26	25.34	32.48	200	197	Peak	HORIZONTAL
6	723.55	37.82	46.00	-8.18	40.78	3.55	25.90	32.41	150	359	Peak	HORIZONTAL

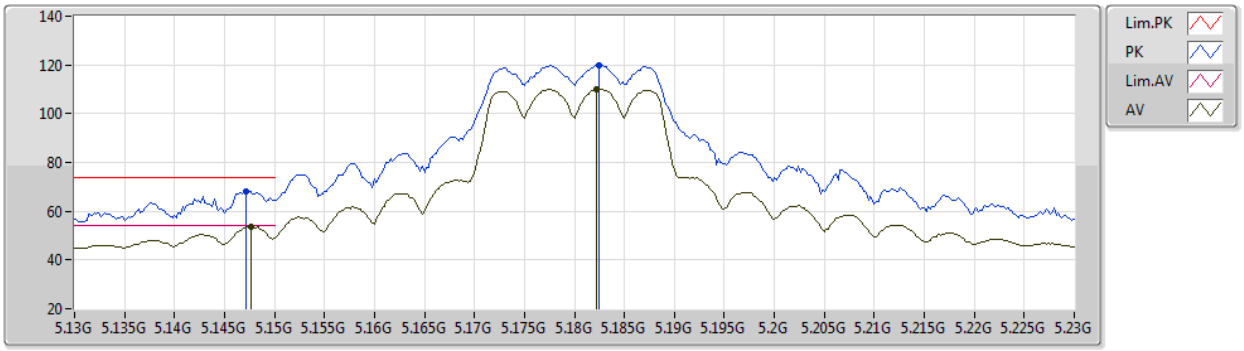
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	Pass	AV	5.15G	53.92	54.00	-0.08	3	Vertical	359	2.07	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

16/01/2020



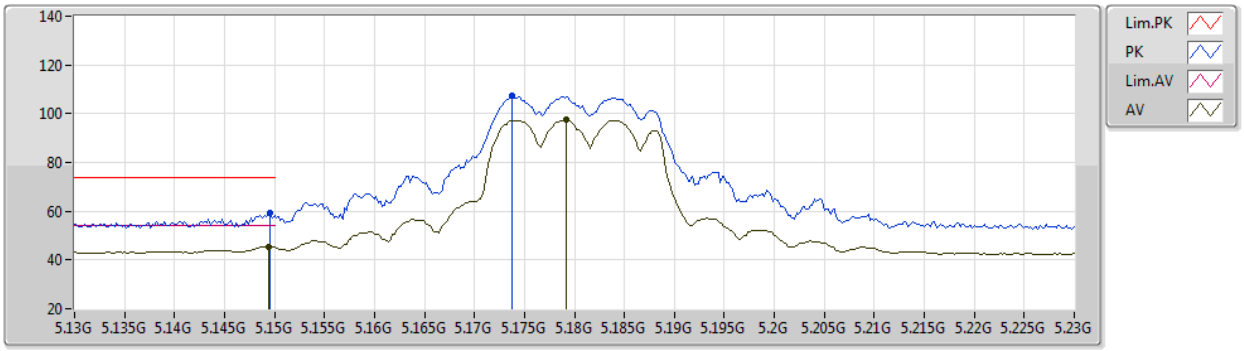
EUT Y_2TX
Setting 23
03-B-C-4-10

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	68.05	74.00	-5.95	64.51	3	Vertical	355	2.19	-	31.71	6.60	34.77
AV	5.1476G	53.81	54.00	-0.19	50.27	3	Vertical	355	2.19	-	31.70	6.61	34.77
PK	5.1824G	120.06	Inf	-Inf	116.55	3	Vertical	355	2.19	-	31.64	6.67	34.80
AV	5.1822G	110.18	Inf	-Inf	106.67	3	Vertical	355	2.19	-	31.64	6.67	34.80

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

16/01/2020



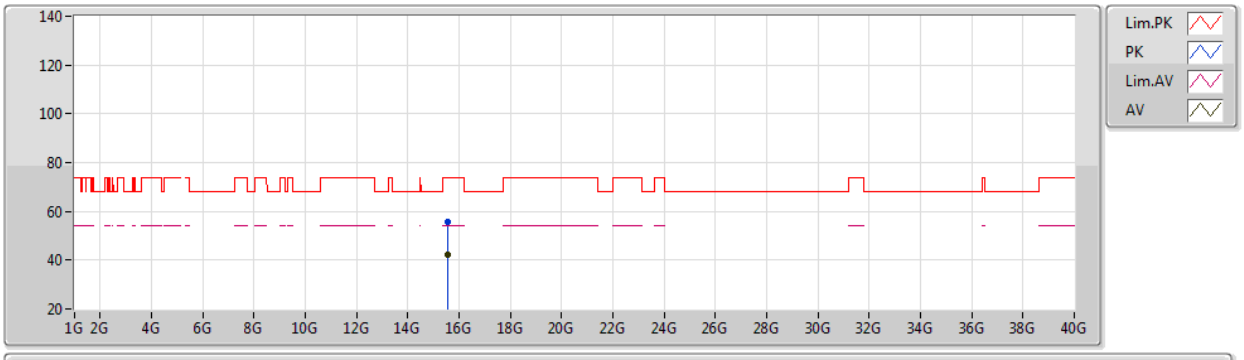
EUT Y_2TX
Setting 23
03-B-C-4-10

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	5.1496G	59.08	74.00	-14.92	55.57	3	Horizontal	115	1.50	-	31.67	6.61	34.77
AV	5.1494G	45.40	54.00	-8.60	41.89	3	Horizontal	115	1.50	-	31.67	6.61	34.77
PK	5.1738G	107.34	Inf	-Inf	103.81	3	Horizontal	115	1.50	-	31.67	6.65	34.79
AV	5.1792G	97.51	Inf	-Inf	93.99	3	Horizontal	115	1.50	-	31.66	6.66	34.80

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

16/01/2020



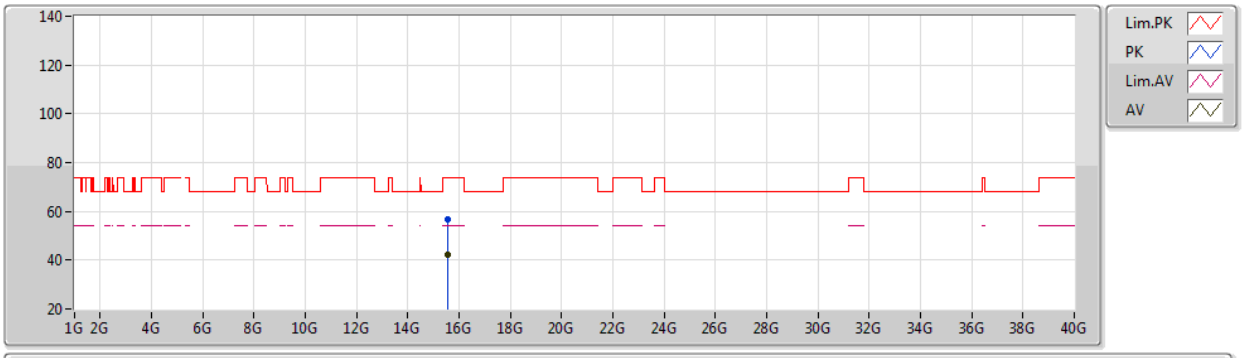
EUT Y_2TX
Setting 23
03-B-C-4

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	15.54798G	55.77	74.00	-18.23	41.50	3	Vertical	46	2.99	-	38.72	10.36	34.81
AV	15.5337G	42.40	54.00	-11.60	28.05	3	Vertical	46	2.99	-	38.77	10.37	34.79

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

16/01/2020



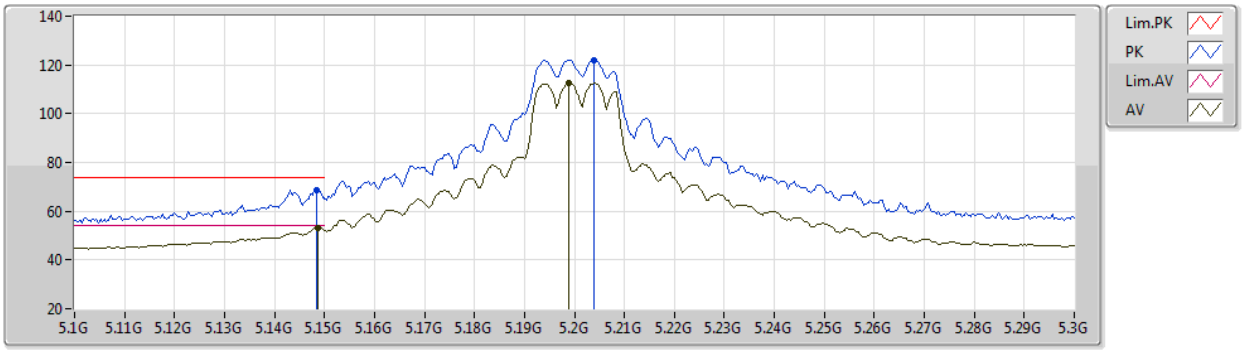
EUT Y_2TX
Setting 23
03-B-C-4

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	15.54396G	56.81	74.00	-17.19	42.52	3	Horizontal	245	2.73	-	38.73	10.36	34.80
AV	15.55482G	42.22	54.00	-11.78	27.98	3	Horizontal	245	2.73	-	38.69	10.36	34.81

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

16/01/2020



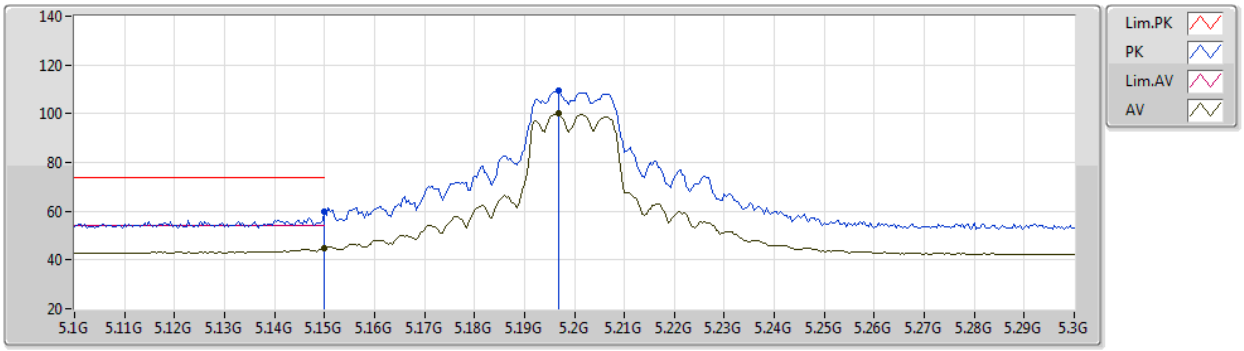
EUT Y_2TX
Setting 26
03-B-C-4-10

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	5.1484G	68.87	74.00	-5.13	65.33	3	Vertical	350	2.18	-	31.70	6.61	34.77
AV	5.1488G	53.24	54.00	-0.76	49.70	3	Vertical	350	2.18	-	31.70	6.61	34.77
PK	5.204G	122.03	Inf	-Inf	118.55	3	Vertical	350	2.18	-	31.59	6.70	34.81
AV	5.1988G	112.72	Inf	-Inf	109.23	3	Vertical	350	2.18	-	31.60	6.70	34.81

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

16/01/2020



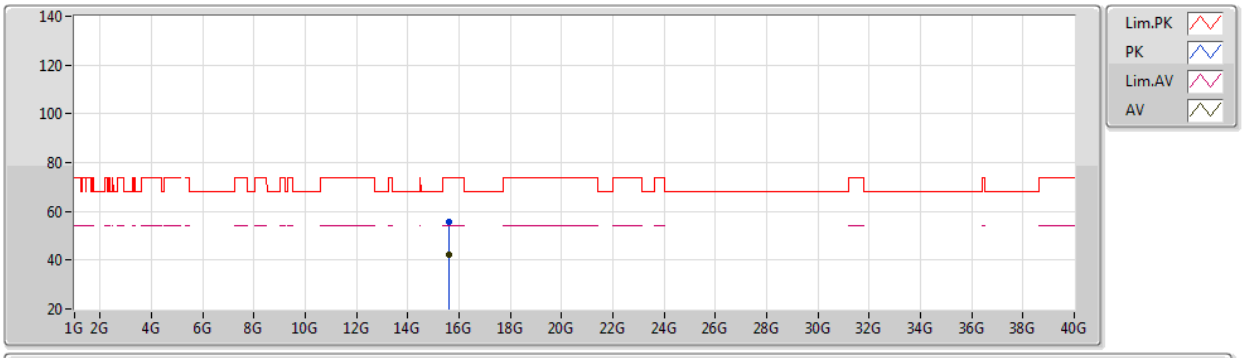
EUT Y_2TX
Setting 26
03-B-C-4-10

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	5.15G	59.71	74.00	-14.29	56.20	3	Horizontal	286	1.03	-	31.67	6.61	34.77
AV	5.15G	45.03	54.00	-8.97	41.52	3	Horizontal	286	1.03	-	31.67	6.61	34.77
PK	5.1968G	109.45	Inf	-Inf	105.91	3	Horizontal	286	1.03	-	31.66	6.69	34.81
AV	5.1968G	100.13	Inf	-Inf	96.59	3	Horizontal	286	1.03	-	31.66	6.69	34.81

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

16/01/2020



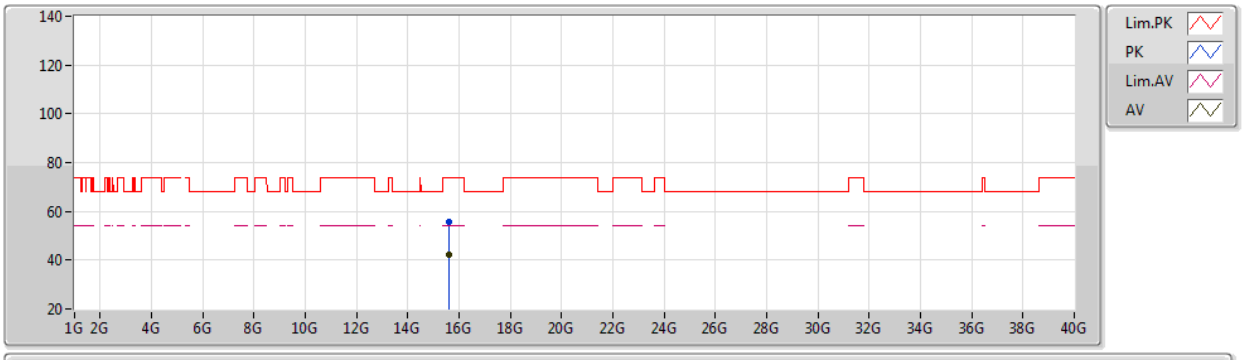
EUT Y_2TX
Setting 26
03-B-C-4

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	15.58596G	55.52	74.00	-18.48	41.44	3	Vertical	204	1.21	-	38.57	10.36	34.85
AV	15.58974G	42.19	54.00	-11.81	28.12	3	Vertical	204	1.21	-	38.56	10.36	34.85

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

16/01/2020



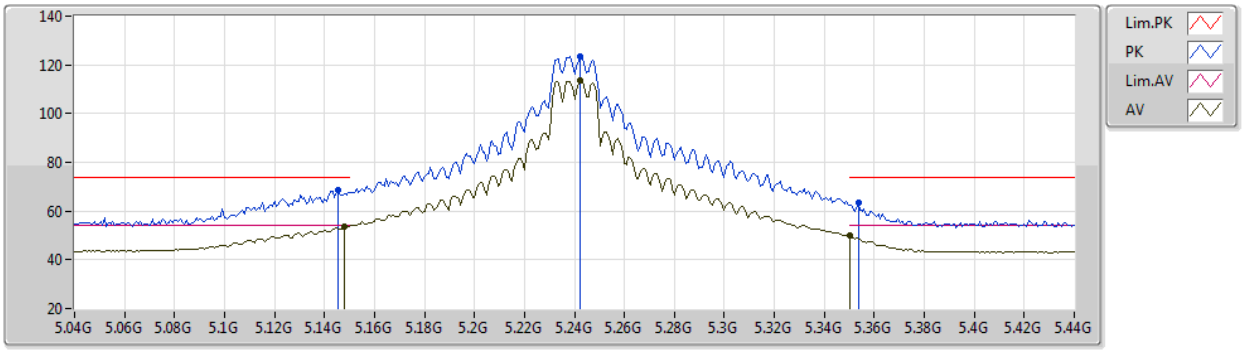
EUT Y_2TX
Setting 26
03-B-C-4

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	15.6006G	55.63	74.00	-18.37	41.61	3	Horizontal	201	1.38	-	38.52	10.36	34.86
AV	15.58902G	42.24	54.00	-11.76	28.17	3	Horizontal	201	1.38	-	38.56	10.36	34.85

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

16/01/2020



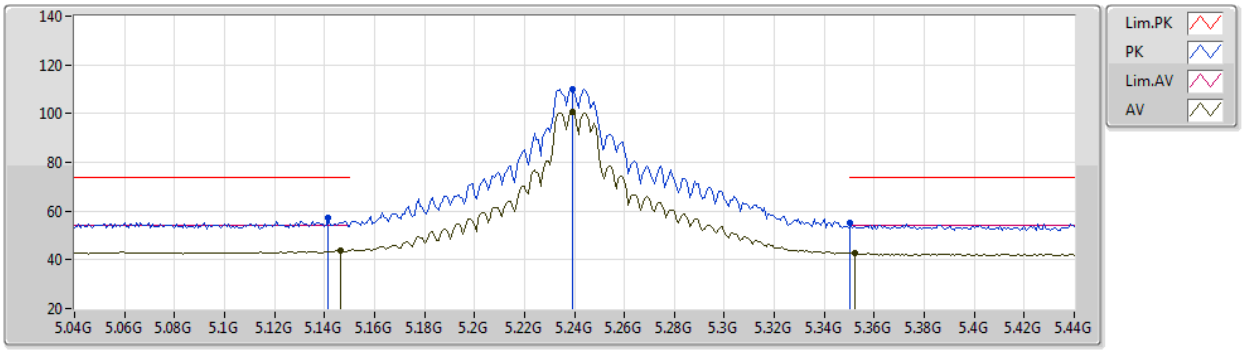
EUT Y_2TX
Setting 28
03-B-C-4-10

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	5.1456G	68.45	74.00	-5.55	64.91	3	Vertical	332	2.01	-	31.71	6.60	34.77
AV	5.148G	53.79	54.00	-0.21	50.25	3	Vertical	332	2.01	-	31.70	6.61	34.77
PK	5.2424G	123.33	Inf	-Inf	120.02	3	Vertical	332	2.01	-	31.47	6.68	34.84
AV	5.2424G	113.57	Inf	-Inf	110.26	3	Vertical	332	2.01	-	31.47	6.68	34.84
PK	5.3536G	63.35	74.00	-10.65	60.19	3	Vertical	332	2.01	-	31.46	6.62	34.92
AV	5.35G	49.75	54.00	-4.25	46.60	3	Vertical	332	2.01	-	31.45	6.62	34.92

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

16/01/2020



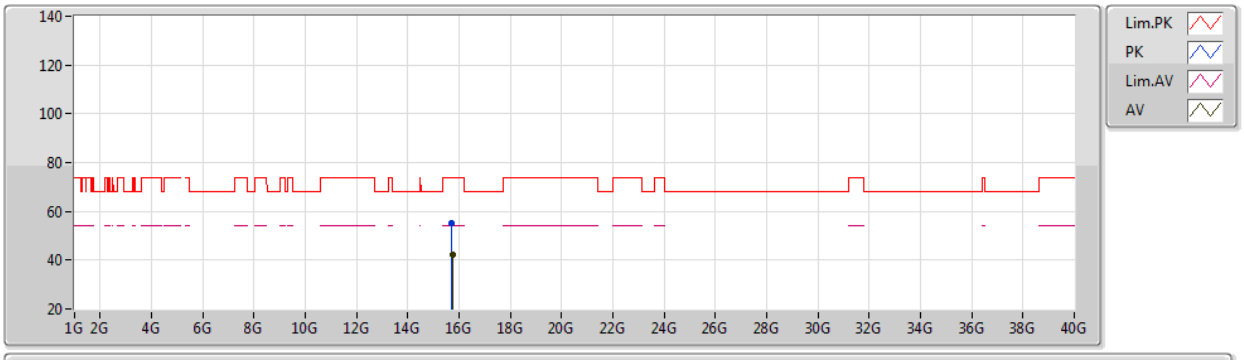
EUT Y_2TX
Setting 28
03-B-C-4-10

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	5.1416G	57.50	74.00	-16.50	54.01	3	Horizontal	288	1.68	-	31.67	6.59	34.77
AV	5.1464G	43.95	54.00	-10.05	40.45	3	Horizontal	288	1.68	-	31.67	6.60	34.77
PK	5.2392G	110.21	Inf	-Inf	106.72	3	Horizontal	288	1.68	-	31.65	6.68	34.84
AV	5.2392G	100.71	Inf	-Inf	97.22	3	Horizontal	288	1.68	-	31.65	6.68	34.84
PK	5.3504G	55.08	74.00	-18.92	51.75	3	Horizontal	288	1.68	-	31.63	6.62	34.92
AV	5.352G	42.84	54.00	-11.16	39.51	3	Horizontal	288	1.68	-	31.63	6.62	34.92

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

16/01/2020



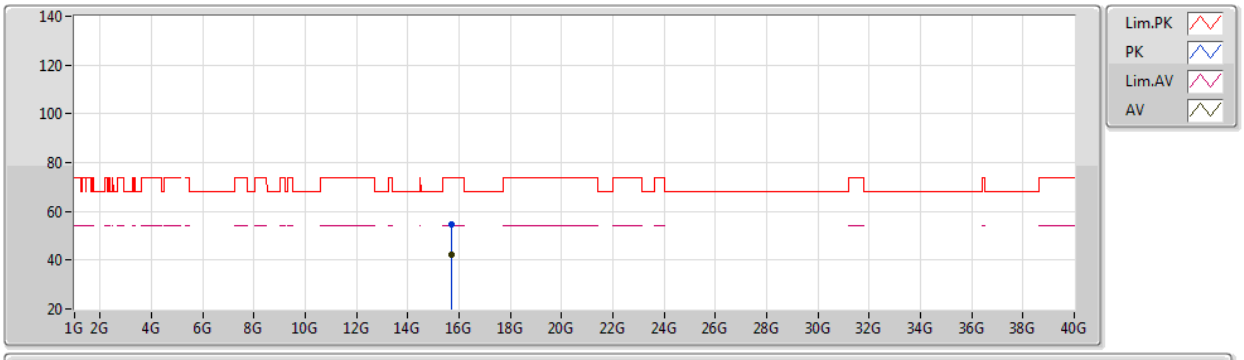
EUT Y_2TX
Setting 28
03-B-C-4

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	15.71952G	55.06	74.00	-18.94	41.64	3	Vertical	2	1.15	-	38.07	10.34	34.99
AV	15.7326G	42.02	54.00	-11.98	28.67	3	Vertical	2	1.15	-	38.02	10.34	35.01

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

16/01/2020



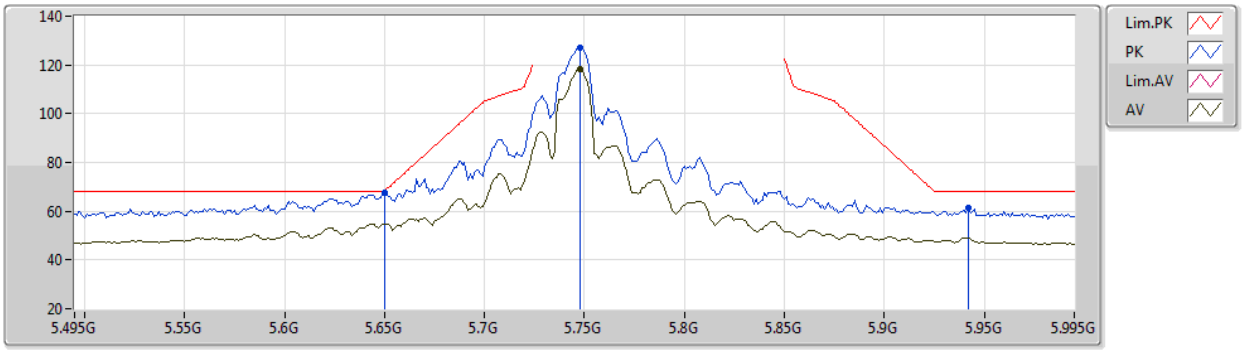
EUT Y_2TX
Setting 28
03-B-C-4

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	15.6954G	54.74	74.00	-19.26	41.21	3	Horizontal	3	1.29	-	38.16	10.34	34.97
AV	15.70296G	42.01	54.00	-11.99	28.52	3	Horizontal	3	1.29	-	38.13	10.34	34.98

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

16/01/2020



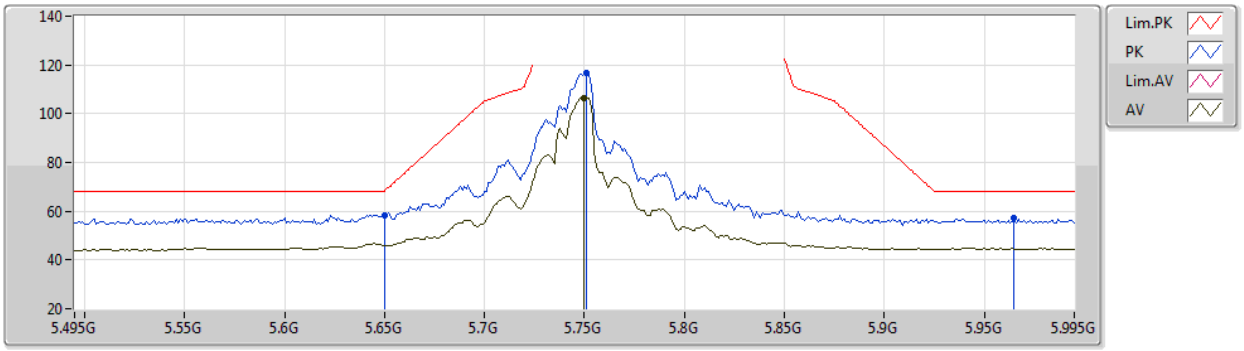
EUT Y_2TX
Setting 27.5
03-B-M-1-10

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	67.52	68.20	-0.68	63.92	3	Vertical	266	2.12	-	31.70	6.87	34.97
PK	5.748G	126.87	Inf	-Inf	122.99	3	Vertical	266	2.12	-	31.99	6.83	34.94
AV	5.748G	118.35	Inf	-Inf	114.47	3	Vertical	266	2.12	-	31.99	6.83	34.94
PK	5.942G	61.27	68.20	-6.93	56.91	3	Vertical	266	2.12	-	32.38	6.87	34.89

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

16/01/2020



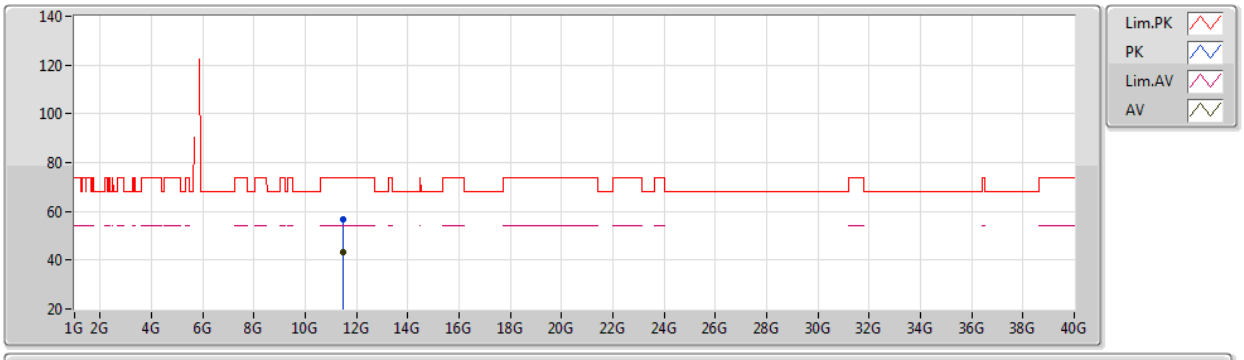
EUT Y_2TX
Setting 27.5
03-B-M-1-10

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	58.51	68.20	-9.69	54.91	3	Horizontal	318	2.33	-	31.70	6.87	34.97
PK	5.751G	116.51	Inf	-Inf	112.63	3	Horizontal	318	2.33	-	32.00	6.82	34.94
AV	5.75G	106.61	Inf	-Inf	102.73	3	Horizontal	318	2.33	-	32.00	6.82	34.94
PK	5.965G	57.18	68.20	-11.02	52.75	3	Horizontal	318	2.33	-	32.43	6.88	34.88

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

16/01/2020



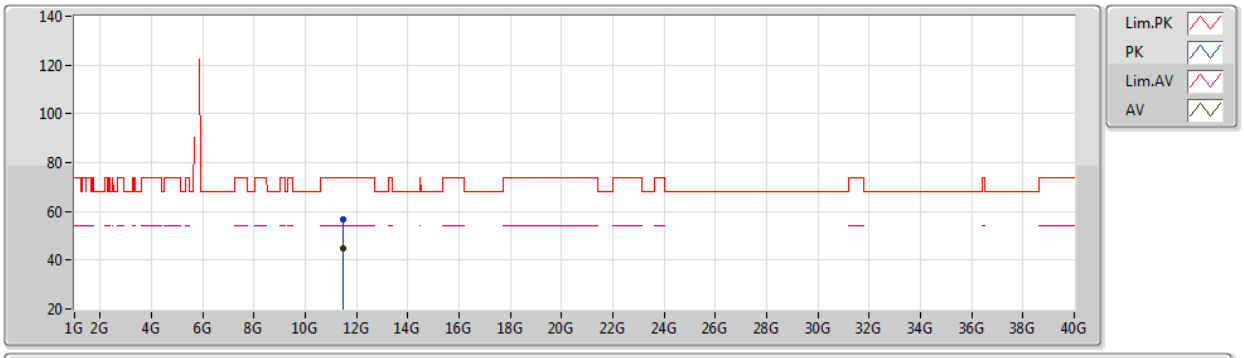
EUT Y_2TX
Setting 27.5
03-B-M-1

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	11.48708G	56.93	74.00	-17.07	42.16	3	Vertical	31	1.00	-	39.77	9.68	34.68
AV	11.4904G	43.38	54.00	-10.62	28.61	3	Vertical	31	1.00	-	39.77	9.68	34.68

802.11a_Nss1,(6Mbps)_4TX

5745MHz_TX

16/01/2020



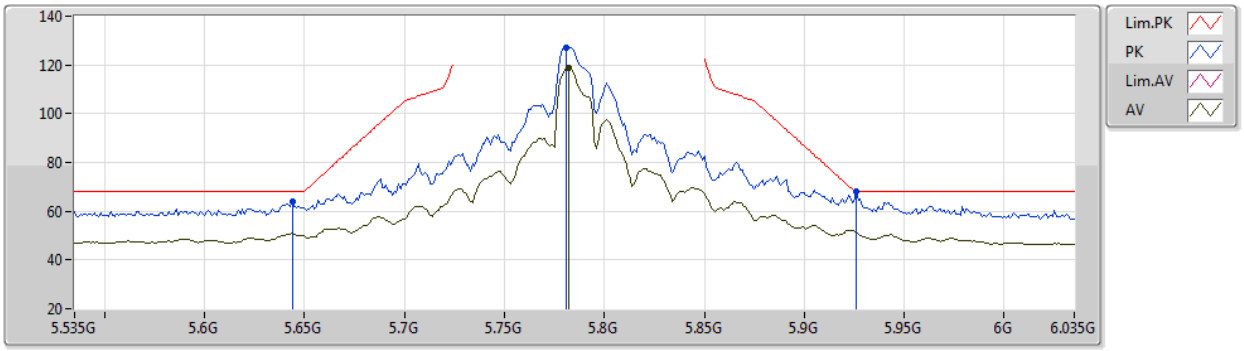
EUT Y_2TX
Setting 27.5
03-B-M-1

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	11.49006G	56.95	74.00	-17.05	42.18	3	Horizontal	246	1.72	-	39.77	9.68	34.68
AV	11.49002G	44.93	54.00	-9.07	30.16	3	Horizontal	246	1.72	-	39.77	9.68	34.68

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

16/01/2020



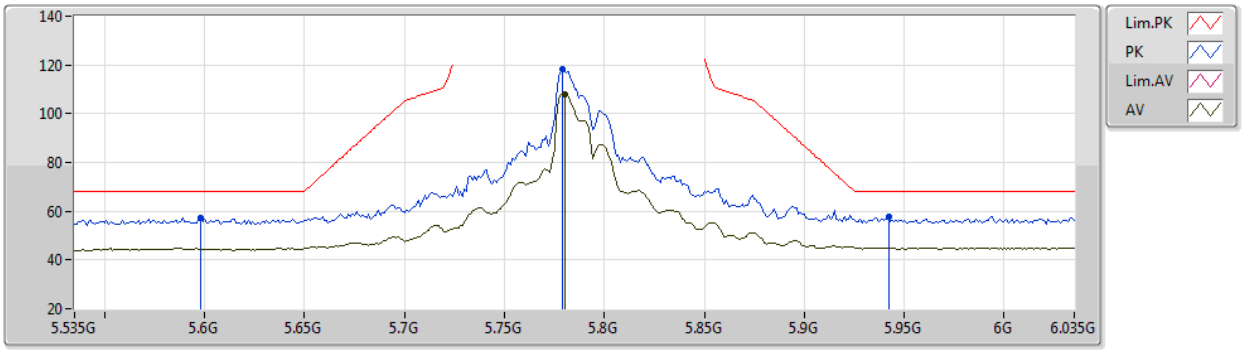
EUT Y_2TX
Setting 28
03-B-M-1-10

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	63.83	68.20	-4.37	60.23	3	Vertical	261	1.79	-	31.69	6.88	34.97
PK	5.781G	127.04	Inf	-Inf	123.04	3	Vertical	261	1.79	-	32.12	6.81	34.93
AV	5.782G	118.94	Inf	-Inf	114.93	3	Vertical	261	1.79	-	32.13	6.81	34.93
PK	5.926G	67.99	68.20	-0.21	63.67	3	Vertical	261	1.79	-	32.35	6.86	34.89

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

16/01/2020



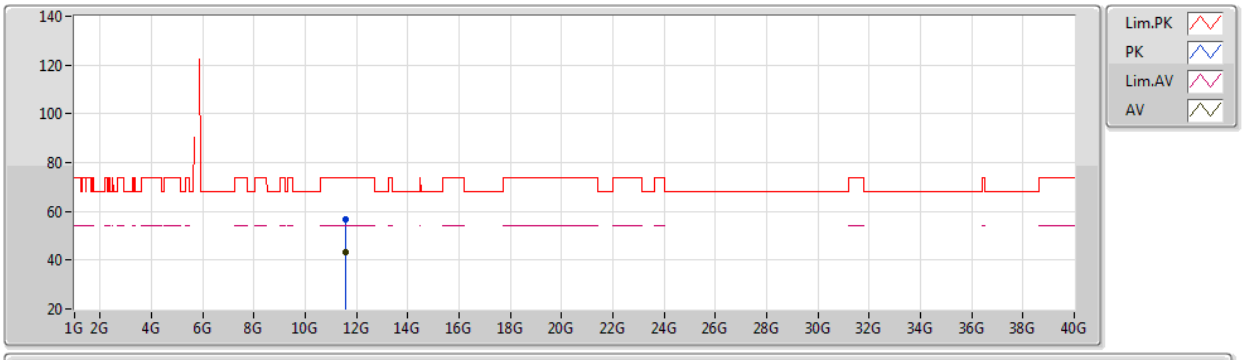
EUT Y_2TX
Setting 28
03-B-M-1-10

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	5.598G	57.08	68.20	-11.12	53.56	3	Horizontal	318	2.27	-	31.60	6.90	34.98
PK	5.779G	118.28	Inf	-Inf	114.28	3	Horizontal	318	2.27	-	32.12	6.81	34.93
AV	5.78G	108.16	Inf	-Inf	104.16	3	Horizontal	318	2.27	-	32.12	6.81	34.93
PK	5.942G	57.71	68.20	-10.49	53.35	3	Horizontal	318	2.27	-	32.38	6.87	34.89

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

16/01/2020



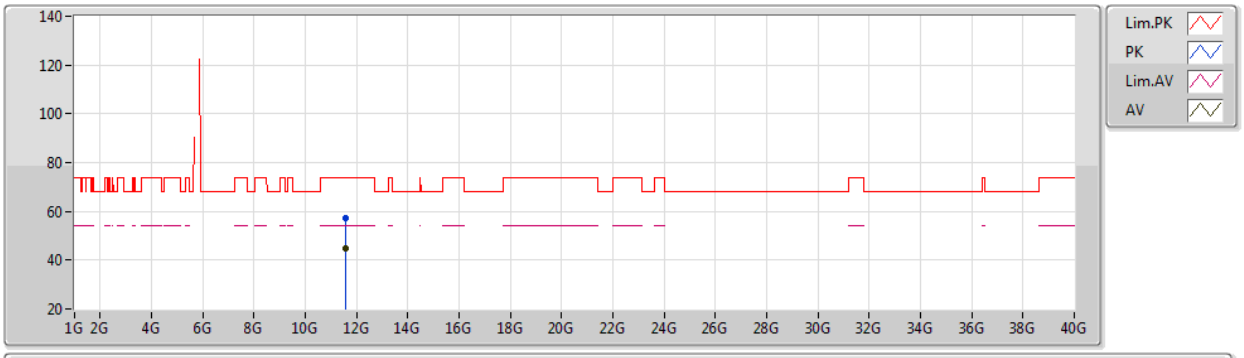
EUT Y_2TX
Setting 28
03-B-M-1

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	11.5683G	56.71	74.00	-17.29	42.08	3	Vertical	305	2.09	-	39.62	9.70	34.69
AV	11.56996G	43.43	54.00	-10.57	28.80	3	Vertical	305	2.09	-	39.62	9.70	34.69

802.11a_Nss1,(6Mbps)_4TX

5785MHz_TX

16/01/2020



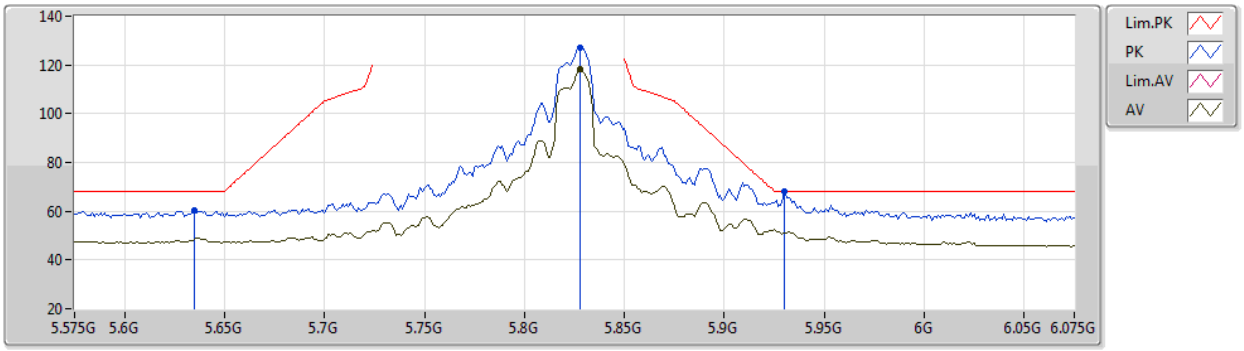
EUT Y_2TX
Setting 28
03-B-M-1

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	11.57058G	57.39	74.00	-16.61	42.76	3	Horizontal	112	1.66	-	39.62	9.70	34.69
AV	11.56998G	44.64	54.00	-9.36	30.01	3	Horizontal	112	1.66	-	39.62	9.70	34.69

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

16/01/2020



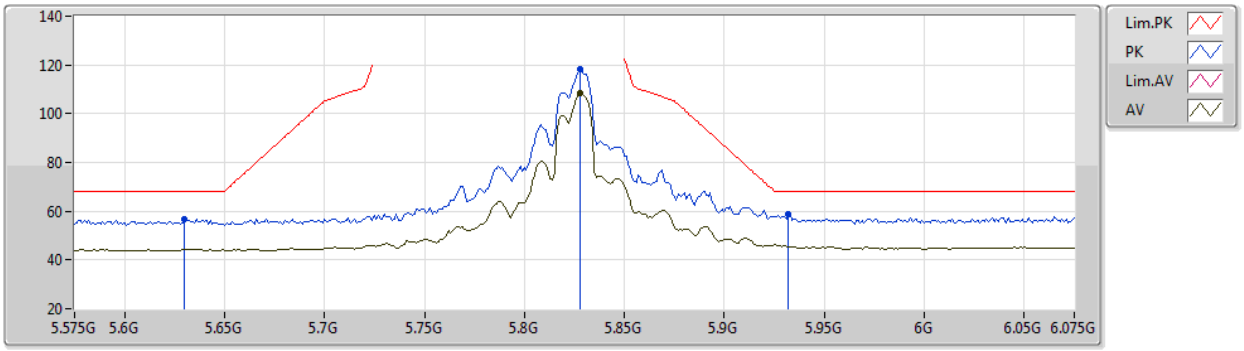
EUT Y_2TX
Setting 26
03-B-M-1-10

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	60.46	68.20	-7.74	56.88	3	Vertical	96	1.76	-	31.67	6.88	34.97
PK	5.828G	127.06	Inf	-Inf	122.94	3	Vertical	96	1.76	-	32.23	6.81	34.92
AV	5.828G	118.22	Inf	-Inf	114.10	3	Vertical	96	1.76	-	32.23	6.81	34.92
PK	5.93G	68.03	68.20	-0.17	63.70	3	Vertical	96	1.76	-	32.36	6.86	34.89

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

16/01/2020



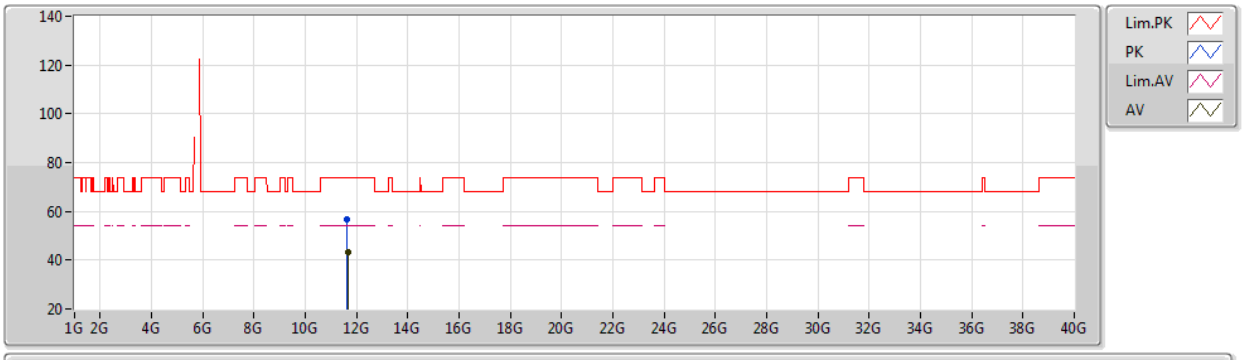
EUT Y_2TX
Setting 26
03-B-M-1-10

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	5.63G	56.54	68.20	-11.66	52.96	3	Horizontal	253	2.17	-	31.66	6.89	34.97
PK	5.828G	118.27	Inf	-Inf	114.15	3	Horizontal	253	2.17	-	32.23	6.81	34.92
AV	5.828G	108.32	Inf	-Inf	104.20	3	Horizontal	253	2.17	-	32.23	6.81	34.92
PK	5.932G	59.05	68.20	-9.15	54.71	3	Horizontal	253	2.17	-	32.36	6.87	34.89

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

16/01/2020



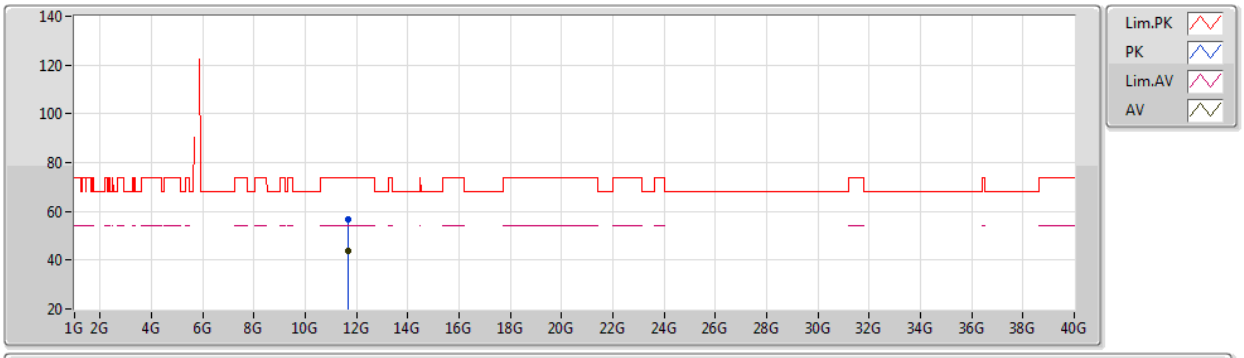
EUT Y_2TX
Setting 26
03-B-M-1

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	11.64742G	56.55	74.00	-17.45	42.07	3	Vertical	19	1.80	-	39.47	9.72	34.71
AV	11.65154G	43.19	54.00	-10.81	28.72	3	Vertical	19	1.80	-	39.46	9.72	34.71

802.11a_Nss1,(6Mbps)_4TX

5825MHz_TX

16/01/2020



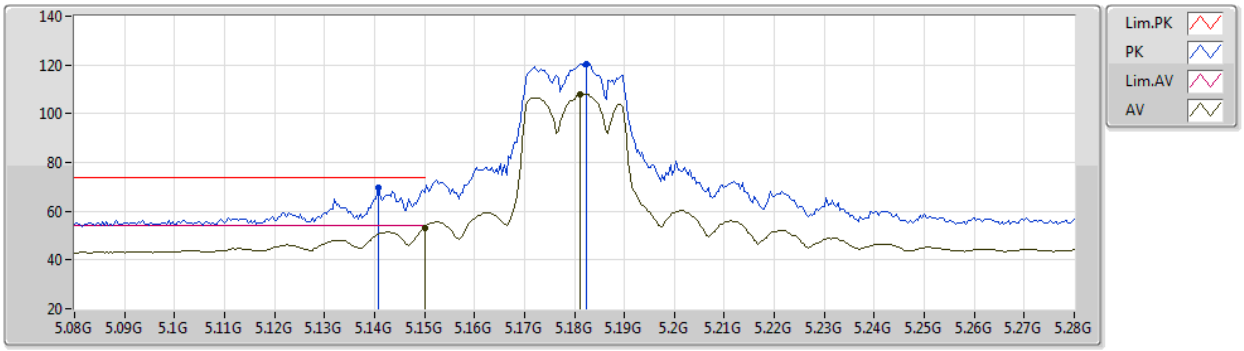
EUT Y_2TX
Setting 26
03-B-M-1

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	11.65328G	56.52	74.00	-17.48	42.05	3	Horizontal	243	1.73	-	39.46	9.72	34.71
AV	11.65006G	44.00	54.00	-10.00	29.53	3	Horizontal	243	1.73	-	39.46	9.72	34.71

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

16/01/2020



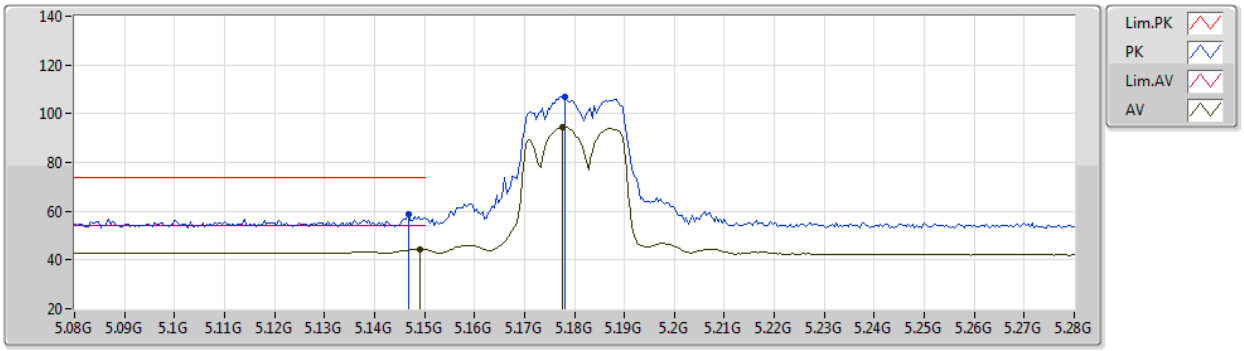
EUT Y_2TX
Setting 21.5
03-B-C-4-10

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	5.1408G	69.71	74.00	-4.29	66.17	3	Vertical	360	2.07	-	31.72	6.59	34.77
AV	5.15G	53.30	54.00	-0.70	49.76	3	Vertical	360	2.07	-	31.70	6.61	34.77
PK	5.1824G	120.39	Inf	-Inf	116.88	3	Vertical	360	2.07	-	31.64	6.67	34.80
AV	5.1812G	108.06	Inf	-Inf	104.55	3	Vertical	360	2.07	-	31.64	6.67	34.80

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

16/01/2020



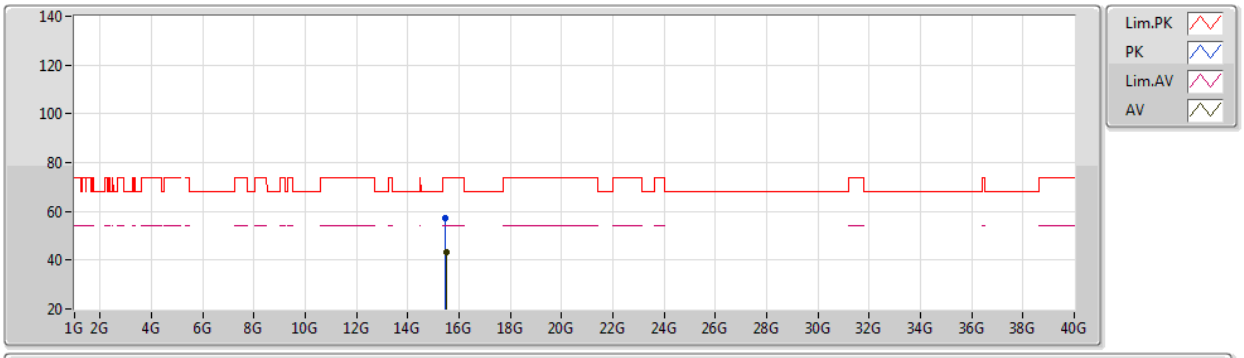
EUT Y_2TX
Setting 21.5
03-B-C-4-10

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	5.1468G	59.02	74.00	-14.98	55.48	3	Horizontal	111	1.49	-	31.71	6.60	34.77
AV	5.1492G	44.49	54.00	-9.51	40.95	3	Horizontal	111	1.49	-	31.70	6.61	34.77
PK	5.178G	107.06	Inf	-Inf	103.55	3	Horizontal	111	1.49	-	31.64	6.66	34.79
AV	5.1776G	94.40	Inf	-Inf	90.89	3	Horizontal	111	1.49	-	31.64	6.66	34.79

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

16/01/2020



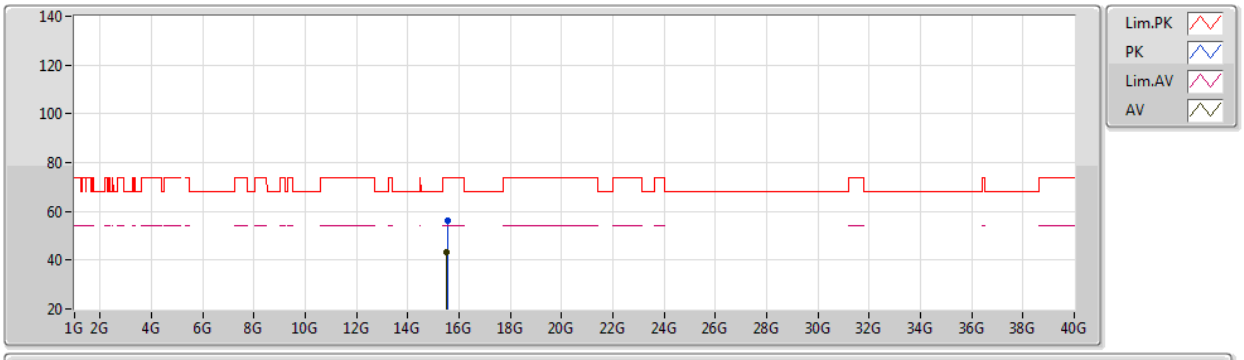
EUT Y_2TX
Setting 21.5
03-B-C-4

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	15.452G	57.08	74.00	-16.92	42.17	3	Vertical	248	1.56	-	39.23	10.38	34.70
AV	15.4904G	43.29	54.00	-10.71	28.57	3	Vertical	248	1.56	-	39.09	10.37	34.74

802.11ax HEW20_Nss1,(MCS0)_2TX

5180MHz_TX

16/01/2020



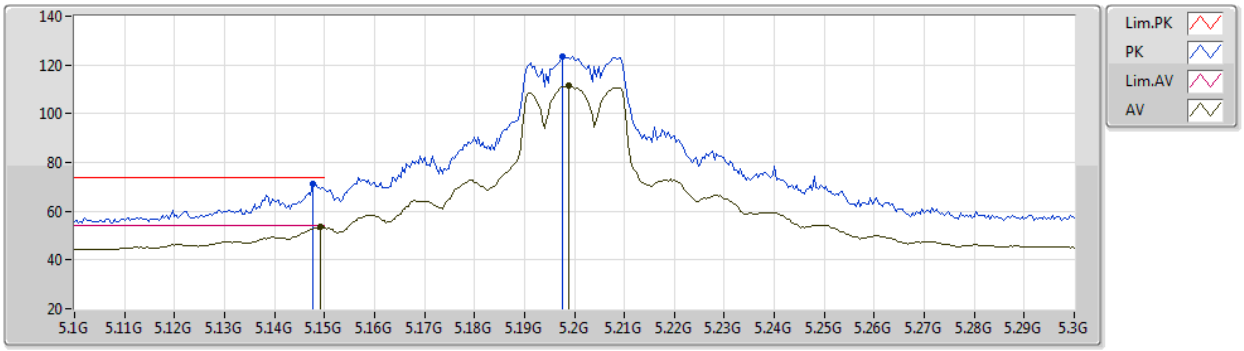
EUT Y_2TX
Setting 21.5
03-B-C-4

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	15.5424G	56.36	74.00	-17.64	41.91	3	Horizontal	82	2.44	-	38.89	10.36	34.80
AV	15.4984G	43.40	54.00	-10.60	28.72	3	Horizontal	82	2.44	-	39.06	10.37	34.75

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

16/01/2020



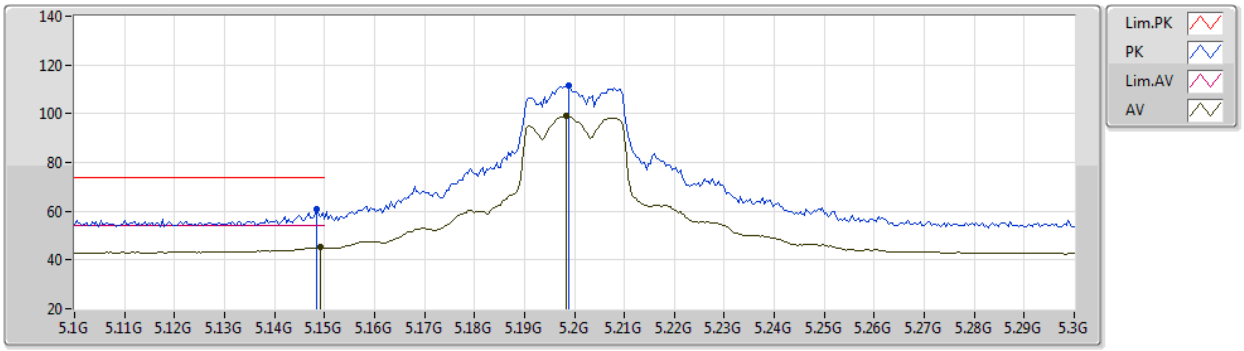
EUT Y_2TX
Setting 25.5
03-B-C-4-10

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	5.1476G	70.96	74.00	-3.04	67.42	3	Vertical	353	2.19	-	31.70	6.61	34.77
AV	5.1492G	53.82	54.00	-0.18	50.28	3	Vertical	353	2.19	-	31.70	6.61	34.77
PK	5.1976G	123.67	Inf	-Inf	120.18	3	Vertical	353	2.19	-	31.60	6.70	34.81
AV	5.1988G	111.66	Inf	-Inf	108.17	3	Vertical	353	2.19	-	31.60	6.70	34.81

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

16/01/2020



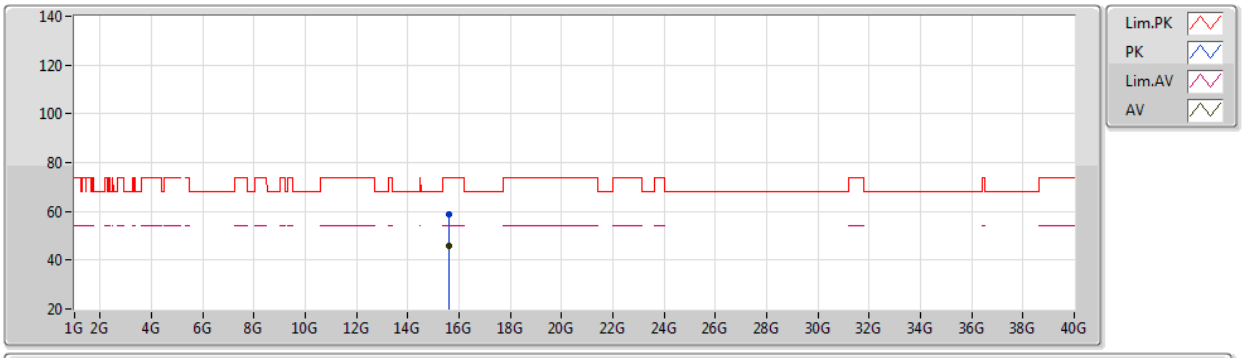
EUT Y_2TX
Setting 25.5
03-B-C-4-10

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	5.1484G	60.80	74.00	-13.20	57.26	3	Horizontal	56	1.80	-	31.70	6.61	34.77
AV	5.1492G	45.09	54.00	-8.91	41.55	3	Horizontal	56	1.80	-	31.70	6.61	34.77
PK	5.1988G	111.79	Inf	-Inf	108.30	3	Horizontal	56	1.80	-	31.60	6.70	34.81
AV	5.1984G	98.98	Inf	-Inf	95.49	3	Horizontal	56	1.80	-	31.60	6.70	34.81

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

16/01/2020



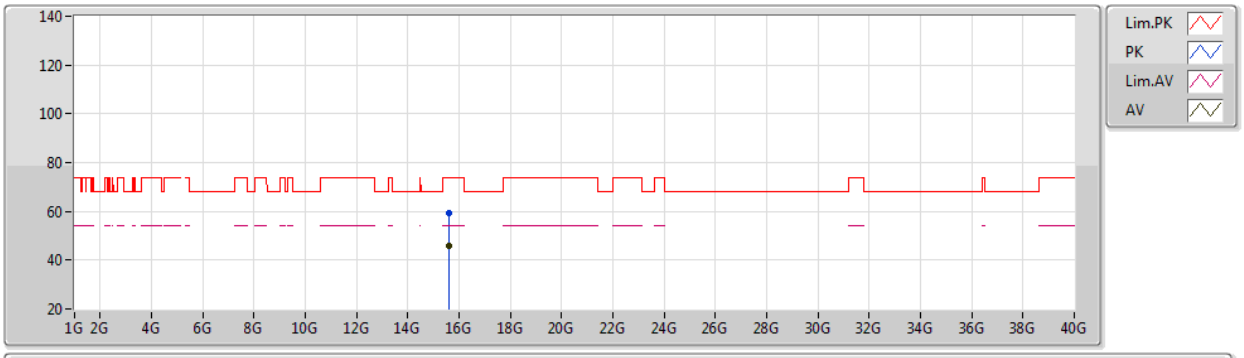
EUT Y_2TX
Setting 25.5
03-B-C-4

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	15.60656G	58.75	74.00	-15.25	44.60	3	Vertical	268	1.44	-	38.66	10.36	34.87
AV	15.59852G	45.66	54.00	-8.34	31.47	3	Vertical	268	1.44	-	38.69	10.36	34.86

802.11ax HEW20_Nss1,(MCS0)_2TX

5200MHz_TX

16/01/2020



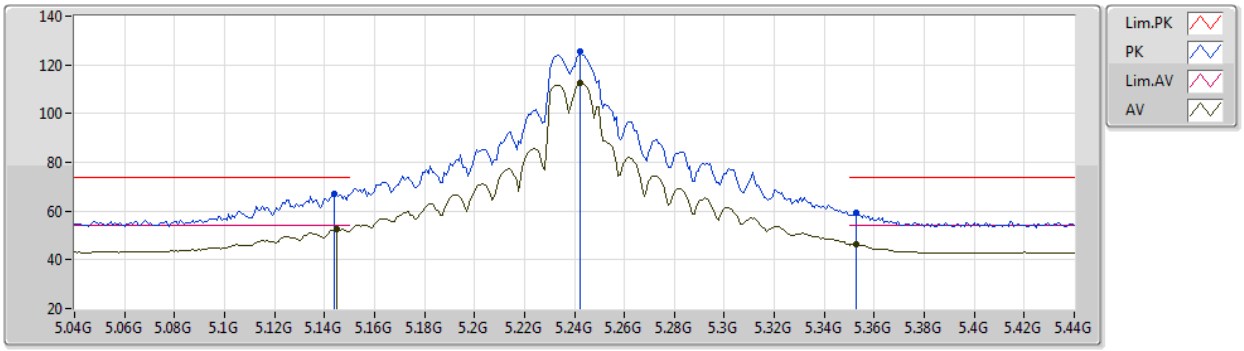
EUT Y_2TX
Setting 25.5
03-B-C-4

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	15.59976G	59.29	74.00	-14.71	45.11	3	Horizontal	325	2.42	-	38.68	10.36	34.86
AV	15.59484G	45.61	54.00	-8.39	31.41	3	Horizontal	325	2.42	-	38.70	10.36	34.86

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

16/01/2020



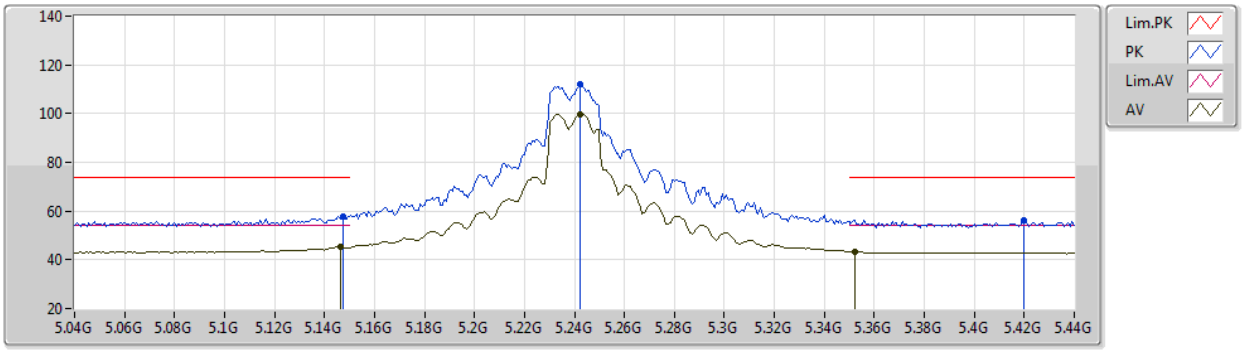
EUT Y_2TX
Setting 27
03-B-C-4-10

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	5.144G	67.31	74.00	-6.69	63.77	3	Vertical	351	2.04	-	31.71	6.60	34.77
AV	5.1448G	52.79	54.00	-1.21	49.25	3	Vertical	351	2.04	-	31.71	6.60	34.77
PK	5.2424G	125.58	Inf	-Inf	122.27	3	Vertical	351	2.04	-	31.47	6.68	34.84
AV	5.2424G	112.52	Inf	-Inf	109.21	3	Vertical	351	2.04	-	31.47	6.68	34.84
PK	5.3528G	59.42	74.00	-14.58	56.26	3	Vertical	351	2.04	-	31.46	6.62	34.92
AV	5.3528G	46.42	54.00	-7.58	43.26	3	Vertical	351	2.04	-	31.46	6.62	34.92

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

16/01/2020



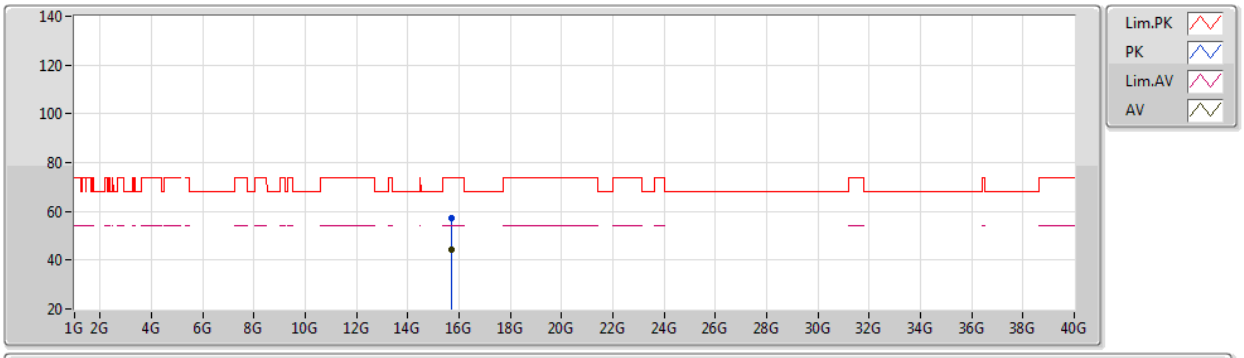
EUT Y_2TX
Setting 27
03-B-C-4-10

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	57.73	74.00	-16.27	54.19	3	Horizontal	56	1.79	-	31.71	6.60	34.77
AV	5.1464G	45.15	54.00	-8.85	41.61	3	Horizontal	56	1.79	-	31.71	6.60	34.77
PK	5.2424G	112.09	Inf	-Inf	108.78	3	Horizontal	56	1.79	-	31.47	6.68	34.84
AV	5.2424G	99.91	Inf	-Inf	96.60	3	Horizontal	56	1.79	-	31.47	6.68	34.84
PK	5.42G	56.06	74.00	-17.94	52.77	3	Horizontal	56	1.79	-	31.62	6.63	34.96
AV	5.352G	43.40	54.00	-10.60	40.24	3	Horizontal	56	1.79	-	31.46	6.62	34.92

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

16/01/2020



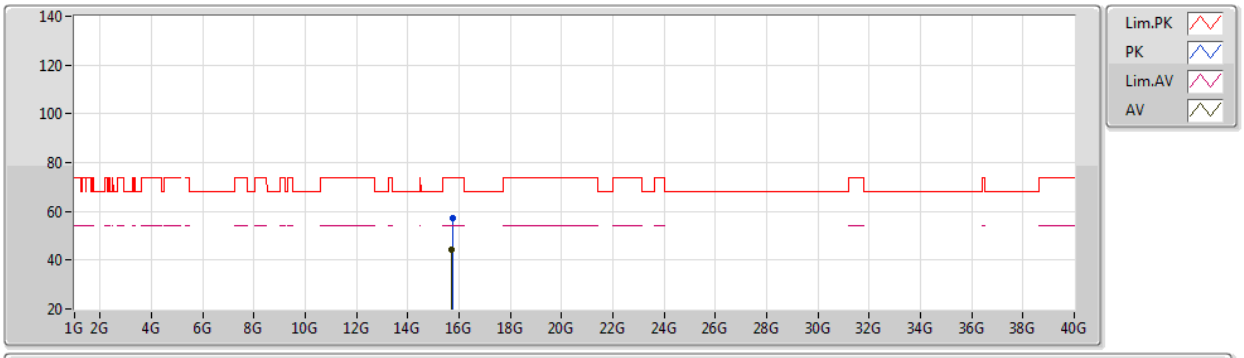
EUT Y_2TX
Setting 27
03-B-C-4

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	15.72944G	57.09	74.00	-16.91	43.56	3	Vertical	220	2.55	-	38.20	10.34	35.01
AV	15.72944G	44.16	54.00	-9.84	30.63	3	Vertical	220	2.55	-	38.20	10.34	35.01

802.11ax HEW20_Nss1,(MCS0)_2TX

5240MHz_TX

16/01/2020



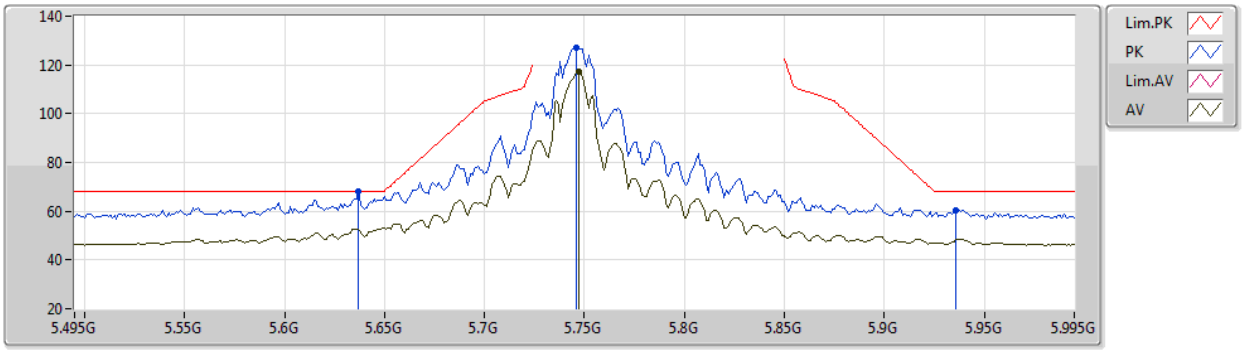
EUT Y_2TX
Setting 27
03-B-C-4

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	15.73416G	57.50	74.00	-16.50	43.99	3	Horizontal	205	2.32	-	38.18	10.34	35.01
AV	15.71616G	44.12	54.00	-9.88	30.52	3	Horizontal	205	2.32	-	38.25	10.34	34.99

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

16/01/2020



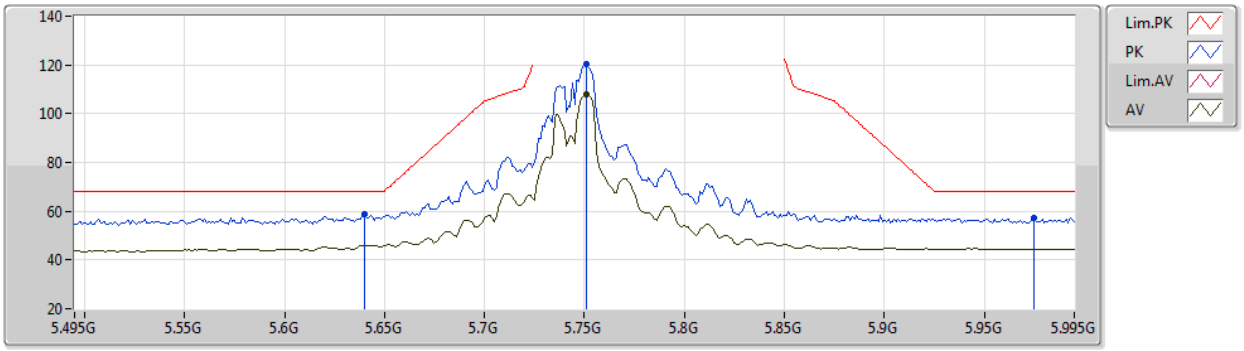
EUT Y_2TX
Setting 26.5
03-B-M-1-10

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	5.637G	67.98	68.20	-0.22	64.40	3	Vertical	275	1.78	-	31.67	6.88	34.97
PK	5.746G	126.91	Inf	-Inf	123.04	3	Vertical	275	1.78	-	31.98	6.83	34.94
AV	5.747G	117.12	Inf	-Inf	113.24	3	Vertical	275	1.78	-	31.99	6.83	34.94
PK	5.936G	60.38	68.20	-7.82	56.03	3	Vertical	275	1.78	-	32.37	6.87	34.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

16/01/2020



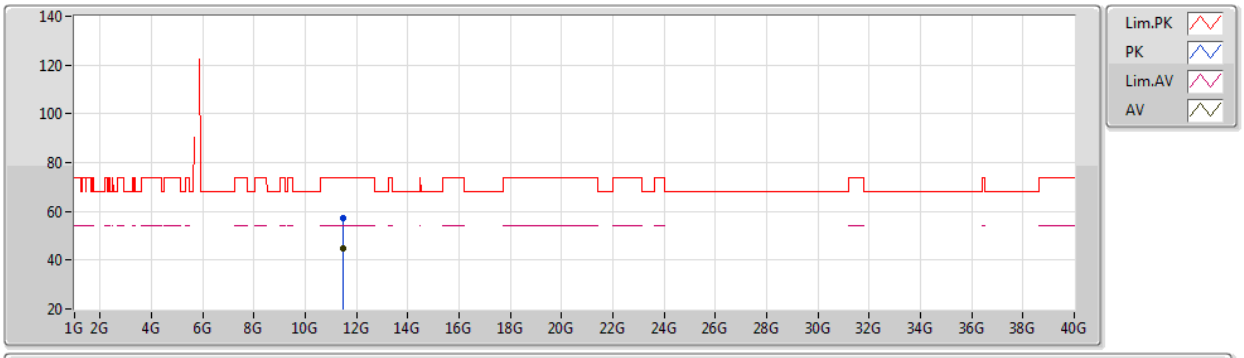
EUT Y_2TX
Setting 26.5
03-B-M-1-10

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	5.64G	58.74	68.20	-9.46	55.15	3	Horizontal	252	2.28	-	31.68	6.88	34.97
PK	5.751G	120.18	Inf	-Inf	116.30	3	Horizontal	252	2.28	-	32.00	6.82	34.94
AV	5.751G	107.68	Inf	-Inf	103.80	3	Horizontal	252	2.28	-	32.00	6.82	34.94
PK	5.975G	57.16	68.20	-11.04	52.70	3	Horizontal	252	2.28	-	32.45	6.89	34.88

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

16/01/2020



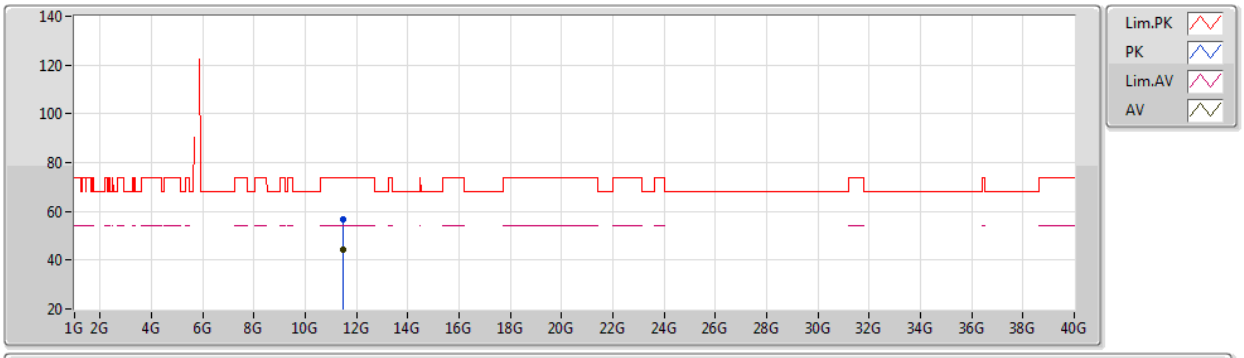
EUT Y_2TX
Setting 26.5
03-B-M-1

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	11.48986G	57.05	74.00	-16.95	42.28	3	Vertical	258	2.67	-	39.77	9.68	34.68
AV	11.48992G	44.74	54.00	-9.26	29.97	3	Vertical	258	2.67	-	39.77	9.68	34.68

802.11ax HEW20_Nss1,(MCS0)_4TX

5745MHz_TX

16/01/2020



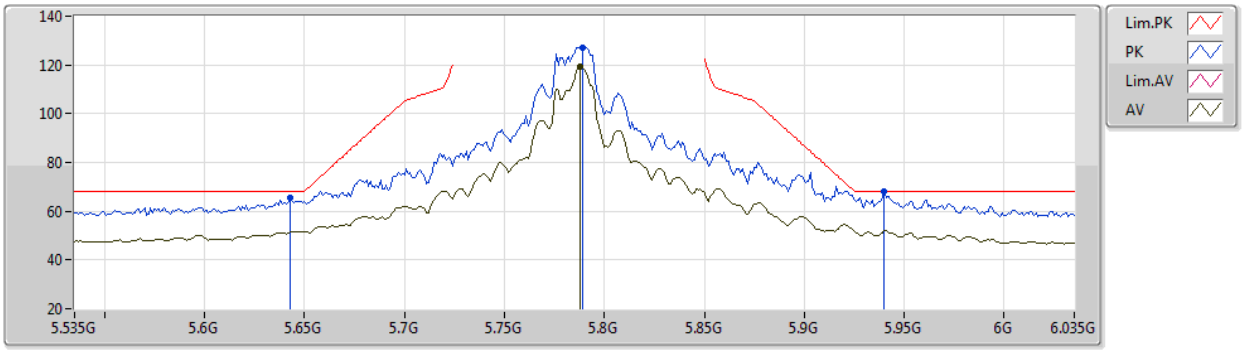
EUT Y_2TX
Setting 26.5
03-B-M-1

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	11.49004G	56.52	74.00	-17.48	41.75	3	Horizontal	320	1.87	-	39.77	9.68	34.68
AV	11.49G	44.40	54.00	-9.60	29.63	3	Horizontal	320	1.87	-	39.77	9.68	34.68

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

16/01/2020



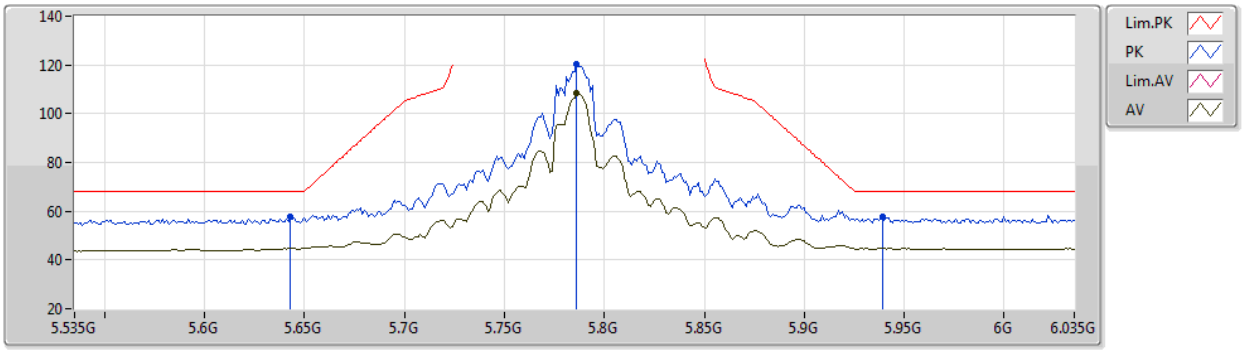
EUT Y_2TX
Setting 28
03-B-M-1-10

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	5.643G	65.68	68.20	-2.52	62.08	3	Vertical	89	1.64	-	31.69	6.88	34.97
PK	5.789G	127.17	Inf	-Inf	123.13	3	Vertical	89	1.64	-	32.16	6.81	34.93
AV	5.788G	119.19	Inf	-Inf	115.16	3	Vertical	89	1.64	-	32.15	6.81	34.93
PK	5.94G	67.94	68.20	-0.26	63.58	3	Vertical	89	1.64	-	32.38	6.87	34.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

16/01/2020



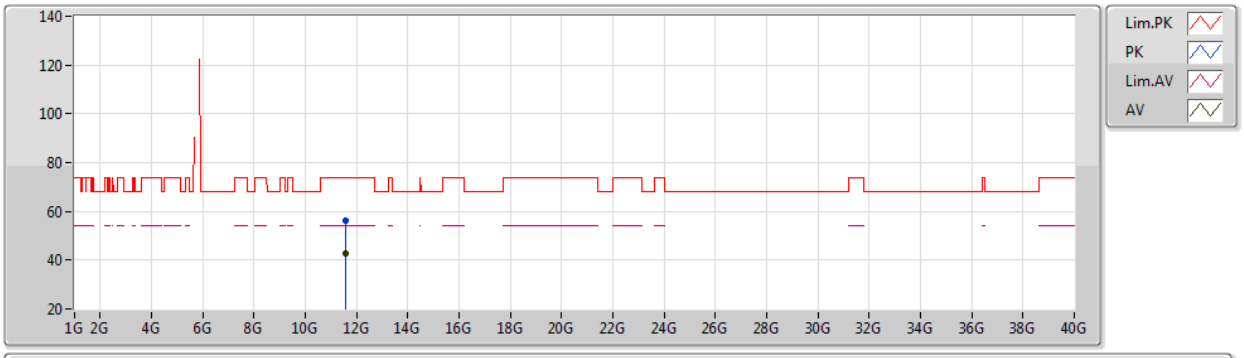
EUT Y_2TX
Setting 28
03-B-M-1-10

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	5.643G	57.66	68.20	-10.54	54.06	3	Horizontal	300	2.10	-	31.69	6.88	34.97
PK	5.786G	120.35	Inf	-Inf	116.33	3	Horizontal	300	2.10	-	32.14	6.81	34.93
AV	5.786G	108.21	Inf	-Inf	104.19	3	Horizontal	300	2.10	-	32.14	6.81	34.93
PK	5.939G	57.83	68.20	-10.37	53.47	3	Horizontal	300	2.10	-	32.38	6.87	34.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

16/01/2020



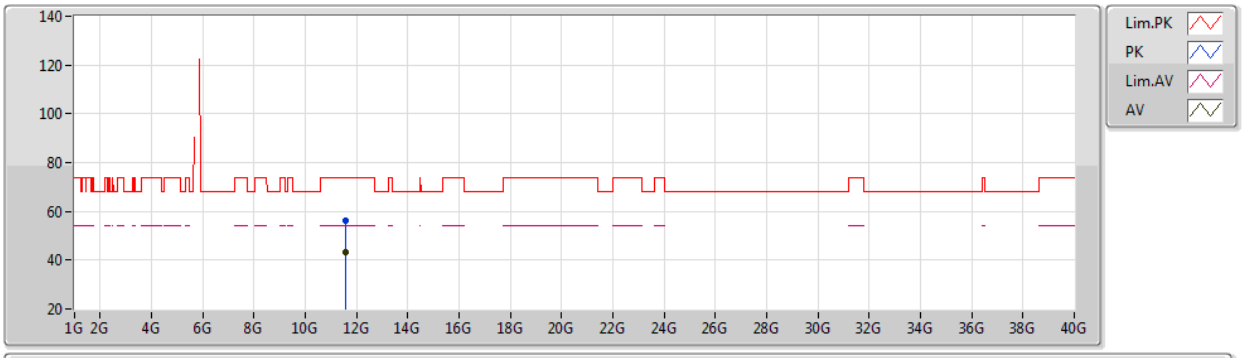
EUT Y_2TX
Setting 28
03-B-M-1

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	11.56916G	55.96	74.00	-18.04	41.33	3	Vertical	308	1.55	-	39.62	9.70	34.69
AV	11.57272G	42.65	54.00	-11.35	28.03	3	Vertical	308	1.55	-	39.61	9.70	34.69

802.11ax HEW20_Nss1,(MCS0)_4TX

5785MHz_TX

16/01/2020



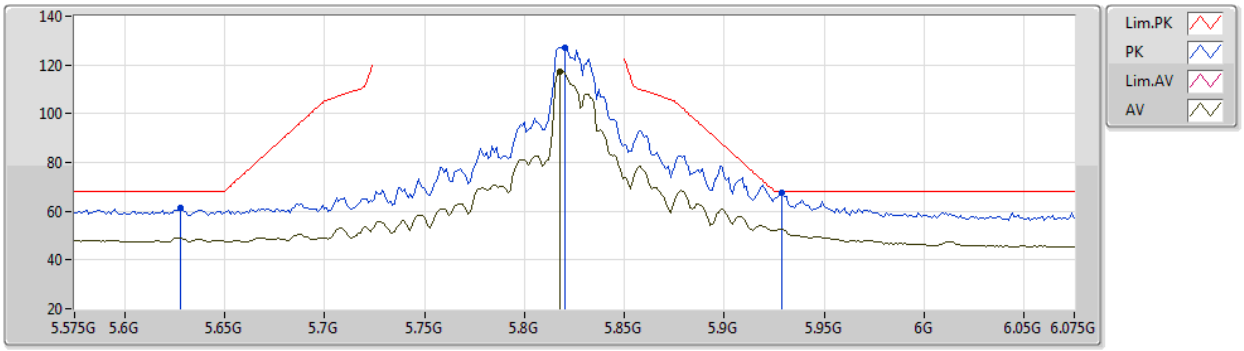
EUT Y_2TX
Setting 28
03-B-M-1

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	11.56968G	56.25	74.00	-17.75	41.62	3	Horizontal	255	2.53	-	39.62	9.70	34.69
AV	11.56672G	43.10	54.00	-10.90	28.47	3	Horizontal	255	2.53	-	39.62	9.70	34.69

802.11ax HEW20_Nss1,(MCS0)_4TX

16/01/2020

5825MHz_TX



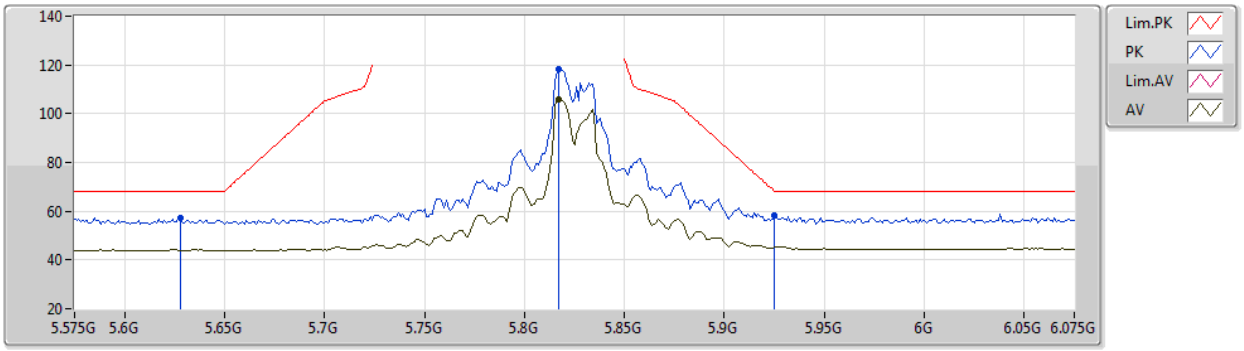
EUT Y_2TX
Setting 26
03-B-M-1-10

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	5.628G	61.63	68.20	-6.57	58.05	3	Vertical	85	1.51	-	31.66	6.89	34.97
PK	5.82G	127.21	Inf	-Inf	123.10	3	Vertical	85	1.51	-	32.22	6.81	34.92
AV	5.818G	117.43	Inf	-Inf	113.32	3	Vertical	85	1.51	-	32.22	6.81	34.92
PK	5.929G	67.80	68.20	-0.40	63.47	3	Vertical	85	1.51	-	32.36	6.86	34.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

16/01/2020



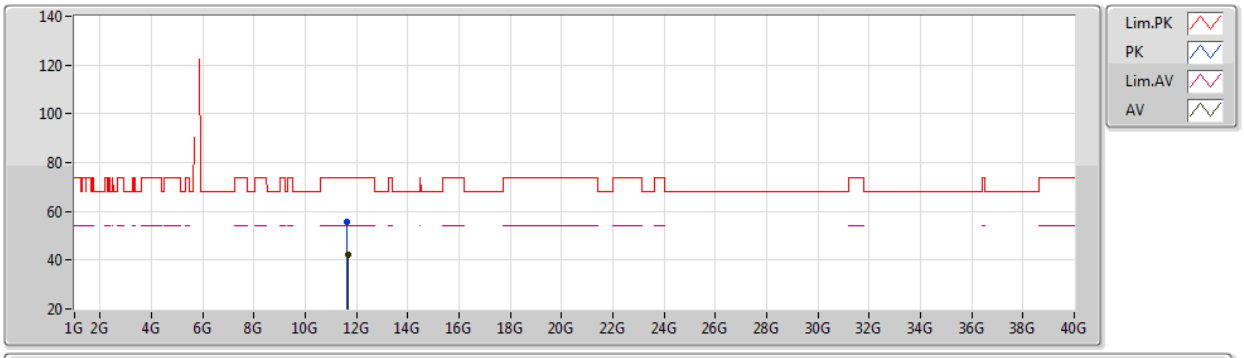
EUT Y_2TX
Setting 26
03-B-M-1-10

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	5.628G	57.15	68.20	-11.05	53.57	3	Horizontal	304	2.16	-	31.66	6.89	34.97
PK	5.817G	118.24	Inf	-Inf	114.13	3	Horizontal	304	2.16	-	32.22	6.81	34.92
AV	5.817G	105.73	Inf	-Inf	101.62	3	Horizontal	304	2.16	-	32.22	6.81	34.92
PK	5.925G	58.20	68.20	-10.00	53.88	3	Horizontal	304	2.16	-	32.35	6.86	34.89

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

16/01/2020



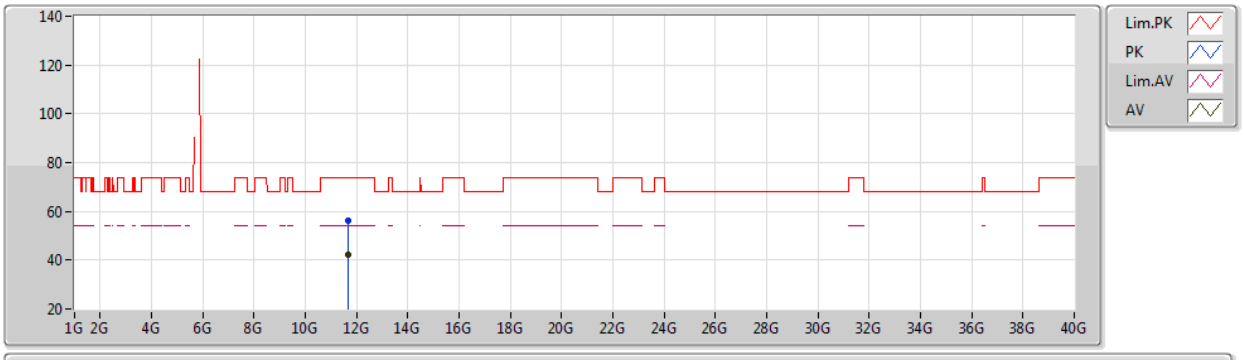
EUT Y_2TX
Setting 26
03-B-M-1

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	11.6456G	55.57	74.00	-18.43	41.10	3	Vertical	189	2.96	-	39.47	9.71	34.71
AV	11.64912G	42.25	54.00	-11.75	27.77	3	Vertical	189	2.96	-	39.47	9.72	34.71

802.11ax HEW20_Nss1,(MCS0)_4TX

5825MHz_TX

16/01/2020



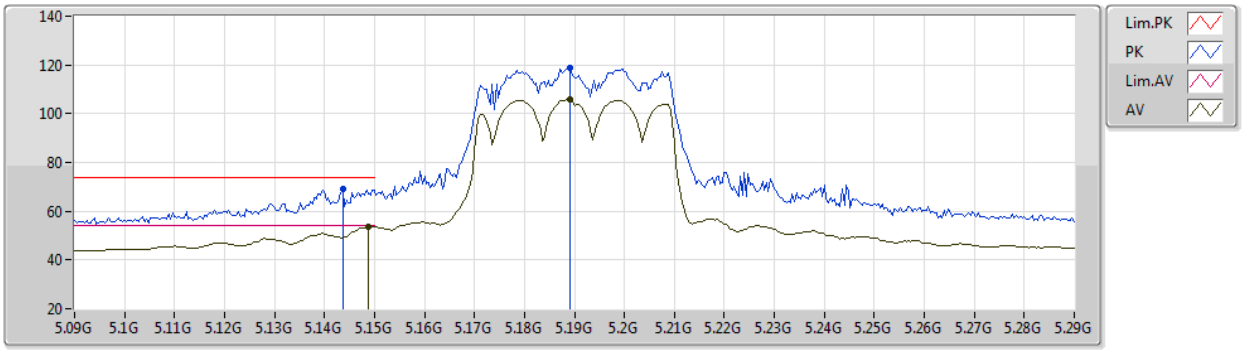
EUT Y_2TX
Setting 26
03-B-M-1

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	11.64924G	56.10	74.00	-17.90	41.62	3	Horizontal	117	1.97	-	39.47	9.72	34.71
AV	11.65208G	42.30	54.00	-11.70	27.83	3	Horizontal	117	1.97	-	39.46	9.72	34.71

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

16/01/2020



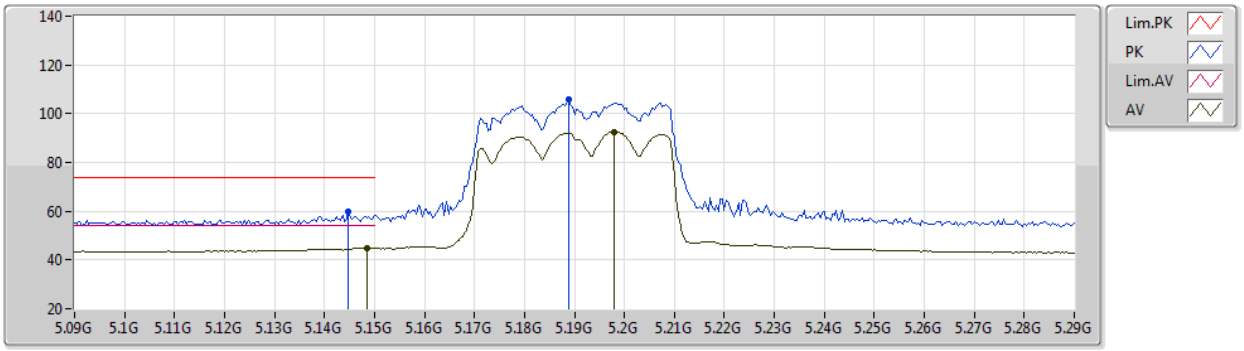
EUT Y_2TX
Setting 21
03-B-M-1-10

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	5.1436G	69.33	74.00	-4.67	65.79	3	Vertical	352	2.10	-	31.71	6.60	34.77
AV	5.1488G	53.75	54.00	-0.25	50.21	3	Vertical	352	2.10	-	31.70	6.61	34.77
PK	5.1892G	118.80	Inf	-Inf	115.30	3	Vertical	352	2.10	-	31.62	6.68	34.80
AV	5.1892G	105.71	Inf	-Inf	102.21	3	Vertical	352	2.10	-	31.62	6.68	34.80

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

16/01/2020



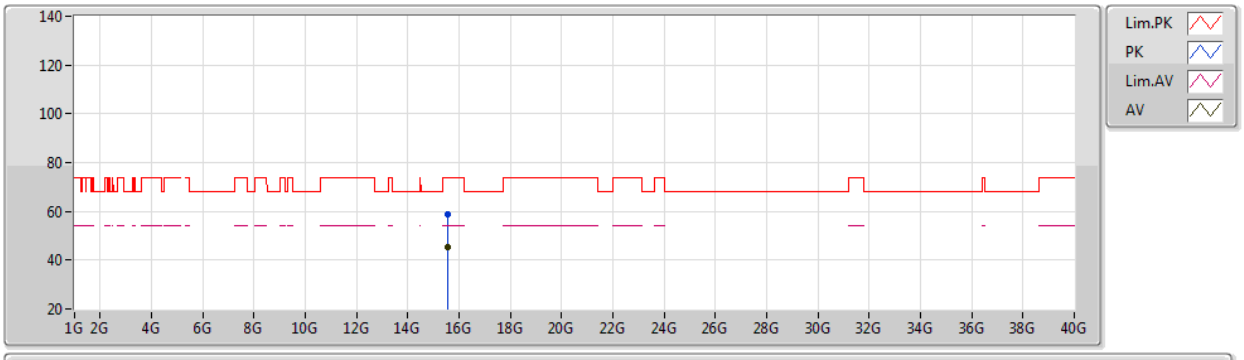
EUT Y_2TX
Setting 21
03-B-M-1-10

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	59.79	74.00	-14.21	56.25	3	Horizontal	54	1.80	-	31.71	6.60	34.77
AV	5.1484G	45.05	54.00	-8.95	41.51	3	Horizontal	54	1.80	-	31.70	6.61	34.77
PK	5.1888G	105.66	Inf	-Inf	102.16	3	Horizontal	54	1.80	-	31.62	6.68	34.80
AV	5.198G	92.49	Inf	-Inf	89.00	3	Horizontal	54	1.80	-	31.60	6.70	34.81

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

16/01/2020



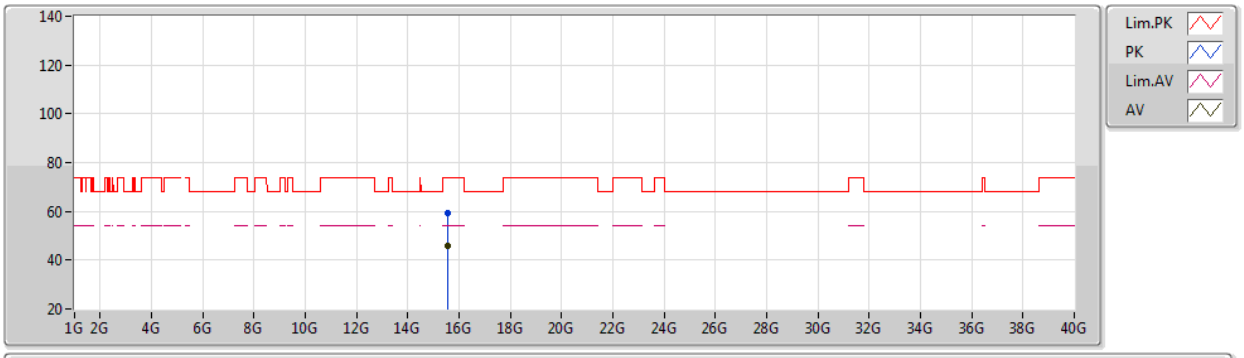
EUT Y_2TX
Setting 21
03-B-M-1

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	15.57149G	58.90	74.00	-15.10	44.58	3	Vertical	11	1.60	-	38.79	10.36	34.83
AV	15.56893G	45.53	54.00	-8.47	31.21	3	Vertical	11	1.60	-	38.79	10.36	34.83

802.11ax HEW40_Nss1,(MCS0)_2TX

5190MHz_TX

16/01/2020



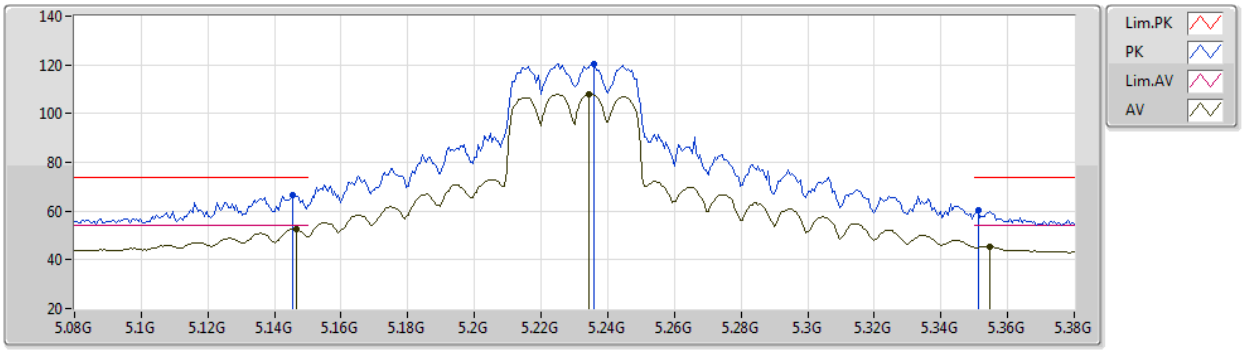
EUT Y_2TX
Setting 21
03-B-M-1

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	15.57044G	59.20	74.00	-14.80	44.88	3	Horizontal	330	1.28	-	38.79	10.36	34.83
AV	15.56909G	46.01	54.00	-7.99	31.69	3	Horizontal	330	1.28	-	38.79	10.36	34.83

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

16/01/2020



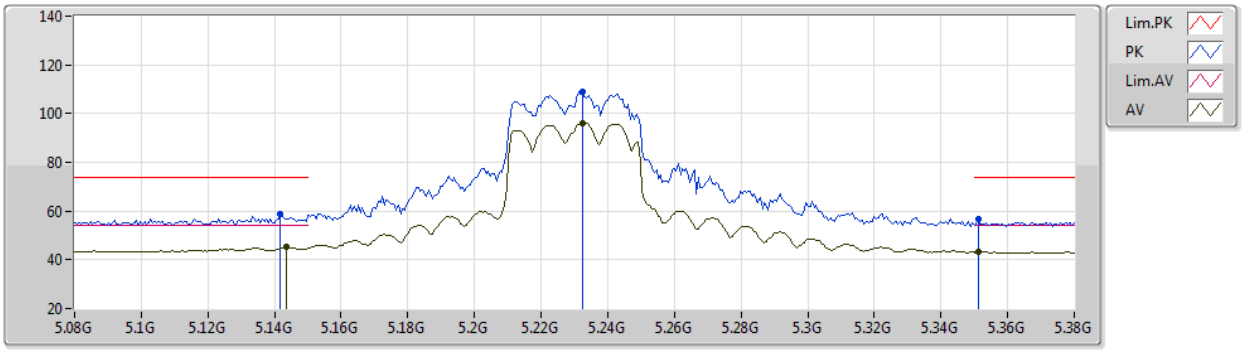
EUT Y_2TX
Setting 24.5
03-B-M-1-10

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	5.1454G	66.57	74.00	-7.43	63.03	3	Vertical	330	2.04	-	31.71	6.60	34.77
AV	5.1466G	52.77	54.00	-1.23	49.23	3	Vertical	330	2.04	-	31.71	6.60	34.77
PK	5.236G	120.34	Inf	-Inf	117.01	3	Vertical	330	2.04	-	31.49	6.68	34.84
AV	5.2342G	108.03	Inf	-Inf	104.68	3	Vertical	330	2.04	-	31.50	6.68	34.83
PK	5.3512G	60.53	74.00	-13.47	57.38	3	Vertical	330	2.04	-	31.45	6.62	34.92
AV	5.3548G	45.48	54.00	-8.52	42.32	3	Vertical	330	2.04	-	31.46	6.62	34.92

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

16/01/2020



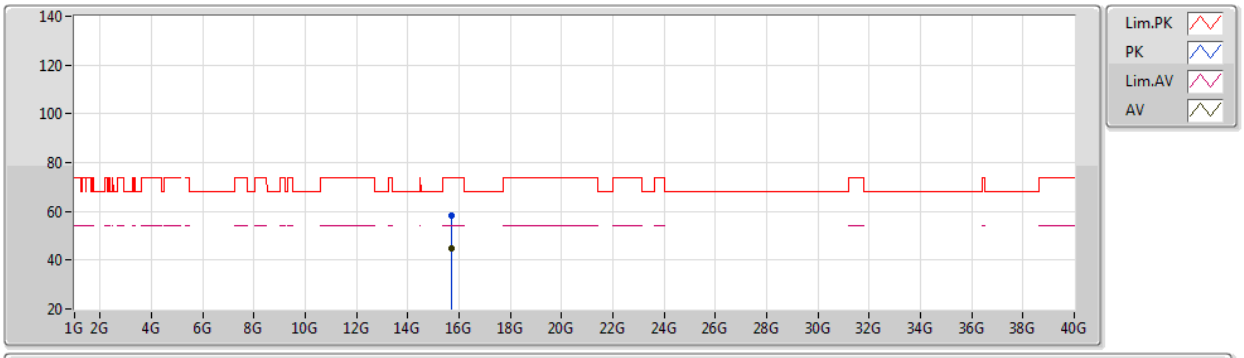
EUT Y_2TX
Setting 24.5
03-B-M-1-10

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	5.1418G	58.63	74.00	-15.37	55.08	3	Horizontal	56	1.69	-	31.72	6.60	34.77
AV	5.1436G	45.32	54.00	-8.68	41.78	3	Horizontal	56	1.69	-	31.71	6.60	34.77
PK	5.2324G	109.13	Inf	-Inf	105.78	3	Horizontal	56	1.69	-	31.50	6.68	34.83
AV	5.2324G	96.19	Inf	-Inf	92.84	3	Horizontal	56	1.69	-	31.50	6.68	34.83
PK	5.3512G	56.67	74.00	-17.33	53.52	3	Horizontal	56	1.69	-	31.45	6.62	34.92
AV	5.3512G	43.32	54.00	-10.68	40.17	3	Horizontal	56	1.69	-	31.45	6.62	34.92

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

16/01/2020



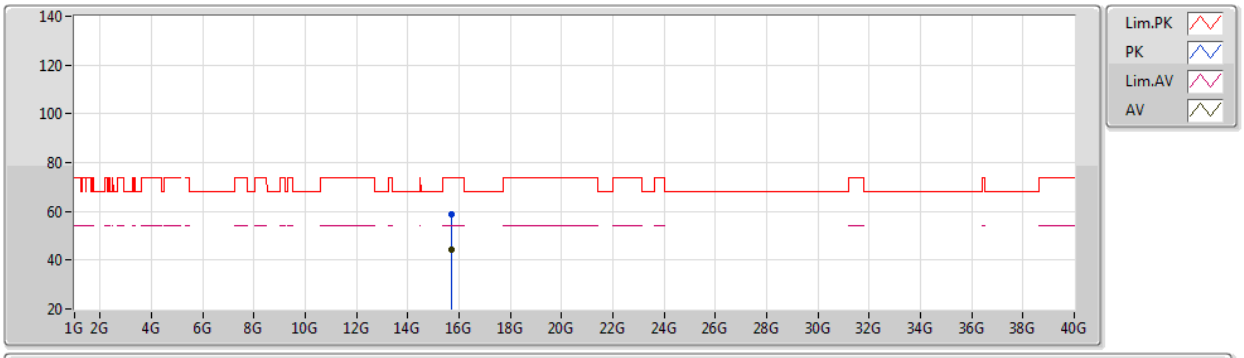
EUT Y_2TX
Setting 24.5
03-B-M-1

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	15.6887G	58.17	74.00	-15.83	44.44	3	Vertical	216	2.56	-	38.35	10.34	34.96
AV	15.69087G	44.83	54.00	-9.17	31.11	3	Vertical	216	2.56	-	38.34	10.34	34.96

802.11ax HEW40_Nss1,(MCS0)_2TX

5230MHz_TX

16/01/2020



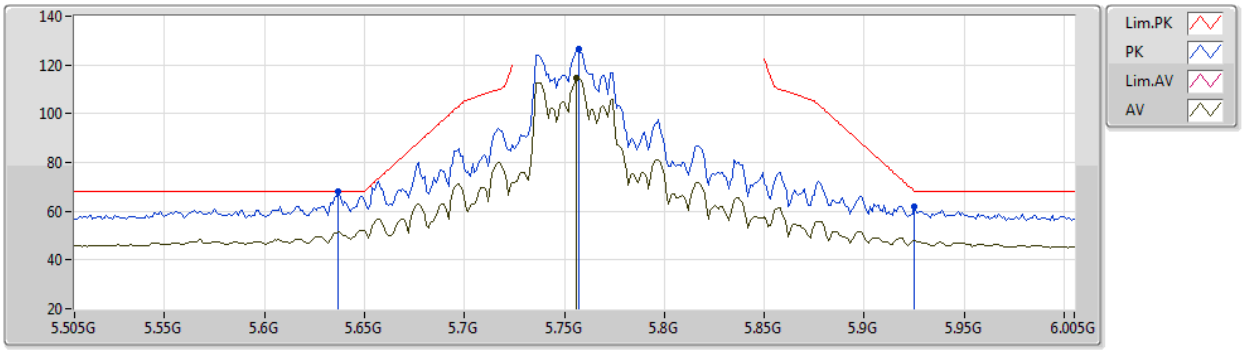
EUT Y_2TX
Setting 24.5
03-B-M-1

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	15.68979G	58.63	74.00	-15.37	44.90	3	Horizontal	86	1.96	-	38.35	10.34	34.96
AV	15.68755G	44.41	54.00	-9.59	30.67	3	Horizontal	86	1.96	-	38.36	10.34	34.96

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

16/01/2020



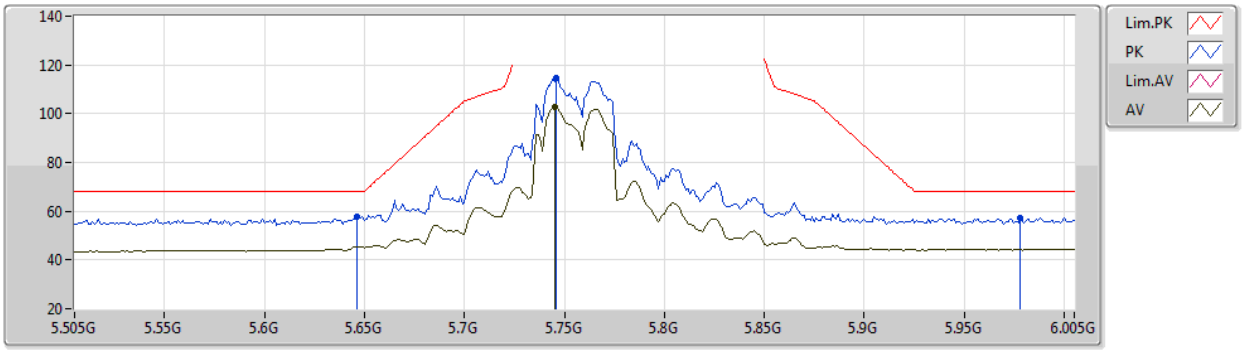
EUT Y_2TX
Setting 24.5
03-B-M-1-10

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	5.637G	68.09	68.20	-0.11	64.51	3	Vertical	3	2.20	-	31.67	6.88	34.97
PK	5.757G	126.64	Inf	-Inf	122.73	3	Vertical	3	2.20	-	32.03	6.82	34.94
AV	5.756G	114.55	Inf	-Inf	110.65	3	Vertical	3	2.20	-	32.02	6.82	34.94
PK	5.925G	61.74	68.20	-6.46	57.42	3	Vertical	3	2.20	-	32.35	6.86	34.89

802.11ax HEW40_Nss1,(MCS0)_4TX

16/01/2020

5755MHz_TX



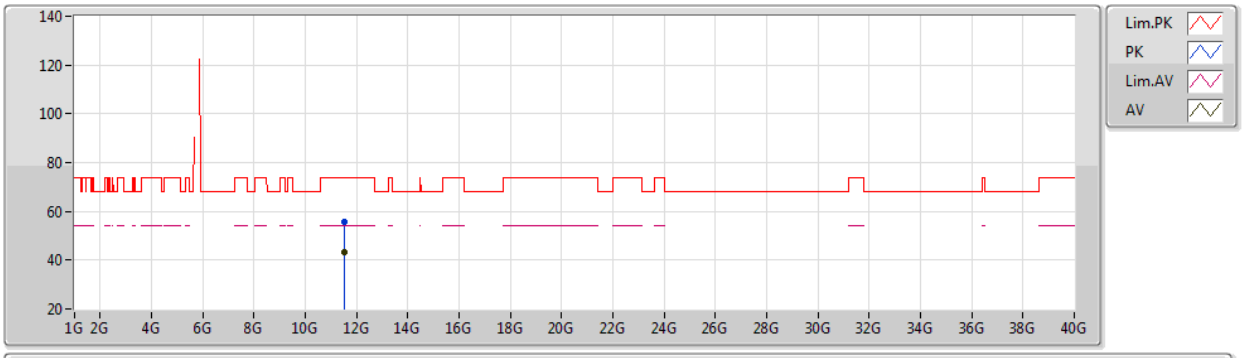
EUT Y_2TX
Setting 24.5
03-B-M-1-10

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	57.80	68.20	-10.40	54.20	3	Horizontal	309	2.34	-	31.69	6.88	34.97
PK	5.746G	114.69	Inf	-Inf	110.82	3	Horizontal	309	2.34	-	31.98	6.83	34.94
AV	5.745G	102.64	Inf	-Inf	98.77	3	Horizontal	309	2.34	-	31.98	6.83	34.94
PK	5.978G	57.30	68.20	-10.90	52.83	3	Horizontal	309	2.34	-	32.46	6.89	34.88

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

16/01/2020



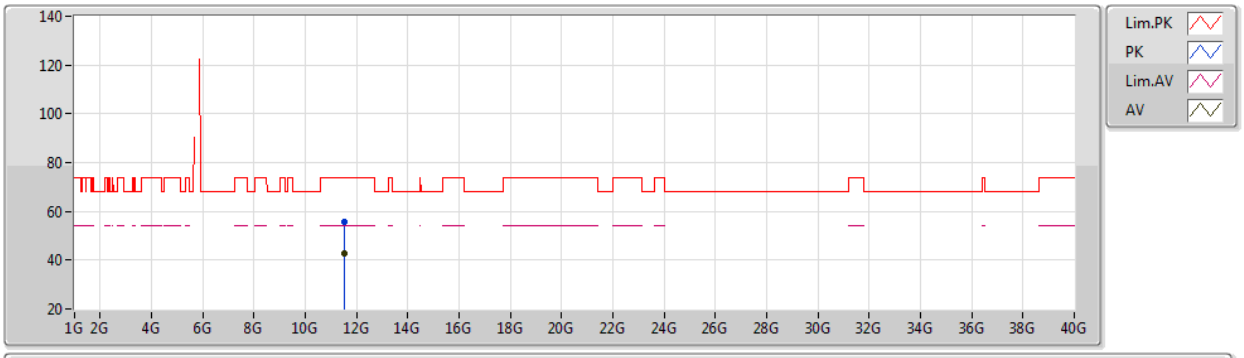
EUT Y_2TX
Setting 24.5
03-B-M-1

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	11.5051G	55.79	74.00	-18.21	41.05	3	Vertical	291	1.23	-	39.74	9.68	34.68
AV	11.50526G	43.05	54.00	-10.95	28.31	3	Vertical	291	1.23	-	39.74	9.68	34.68

802.11ax HEW40_Nss1,(MCS0)_4TX

5755MHz_TX

16/01/2020



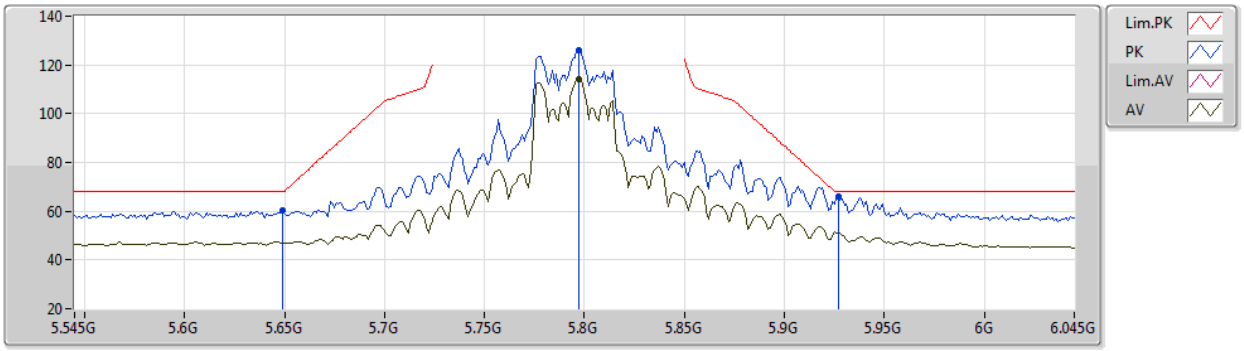
EUT Y_2TX
Setting 24.5
03-B-M-1

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	11.50828G	55.67	74.00	-18.33	40.94	3	Horizontal	184	1.49	-	39.73	9.68	34.68
AV	11.50612G	42.73	54.00	-11.27	27.99	3	Horizontal	184	1.49	-	39.74	9.68	34.68

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

16/01/2020



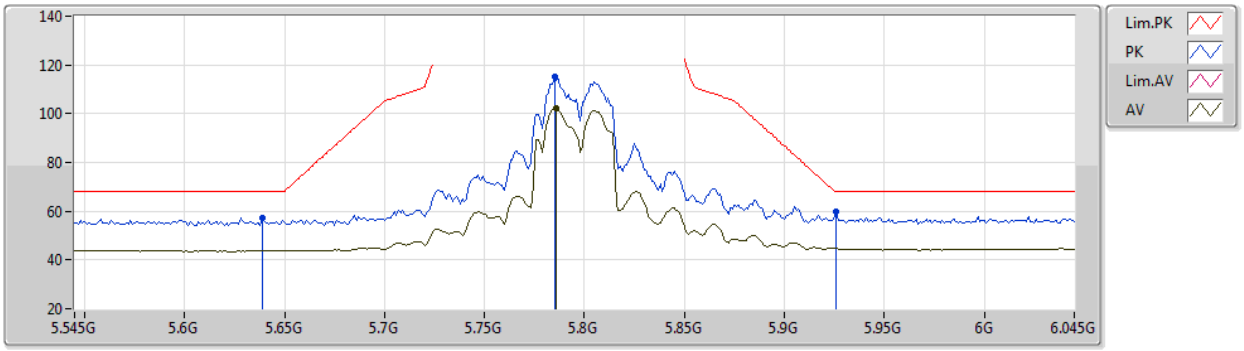
EUT Y_2TX
Setting 24
03-B-M-1-10

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	5.649G	60.25	68.20	-7.95	56.64	3	Vertical	3	1.99	-	31.70	6.88	34.97
PK	5.797G	126.17	Inf	-Inf	122.11	3	Vertical	3	1.99	-	32.19	6.80	34.93
AV	5.797G	114.28	Inf	-Inf	110.22	3	Vertical	3	1.99	-	32.19	6.80	34.93
PK	5.927G	66.25	68.20	-1.95	61.93	3	Vertical	3	1.99	-	32.35	6.86	34.89

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

16/01/2020



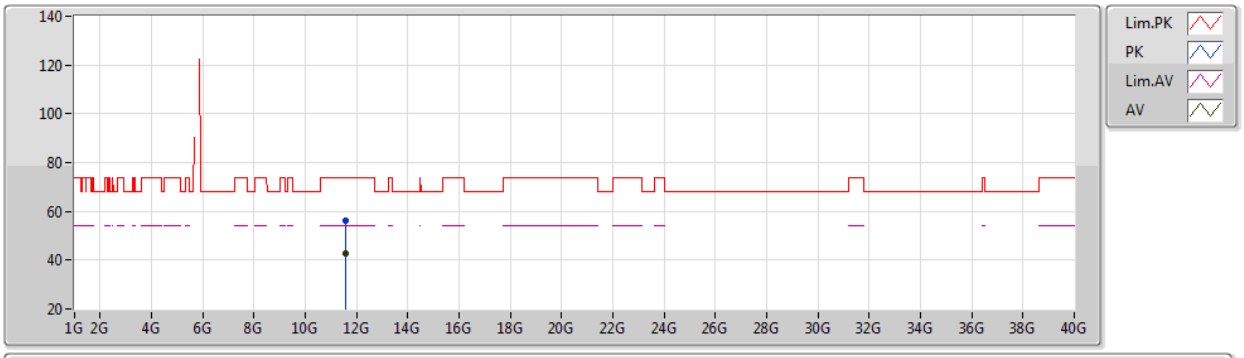
EUT Y_2TX
Setting 24
03-B-M-1-10

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	5.639G	57.12	68.20	-11.08	53.53	3	Horizontal	311	2.30	-	31.68	6.88	34.97
PK	5.785G	115.13	Inf	-Inf	111.11	3	Horizontal	311	2.30	-	32.14	6.81	34.93
AV	5.786G	102.04	Inf	-Inf	98.02	3	Horizontal	311	2.30	-	32.14	6.81	34.93
PK	5.926G	59.63	68.20	-8.57	55.31	3	Horizontal	311	2.30	-	32.35	6.86	34.89

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

16/01/2020



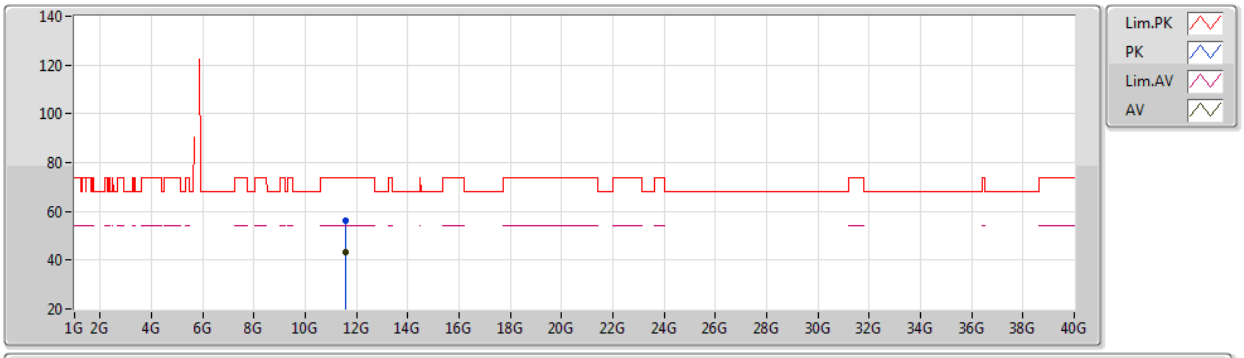
EUT Y_2TX
Setting 24
03-B-M-1

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	11.5888G	55.95	74.00	-18.05	41.37	3	Vertical	151	1.19	-	39.58	9.70	34.70
AV	11.58822G	42.72	54.00	-11.28	28.14	3	Vertical	151	1.19	-	39.58	9.70	34.70

802.11ax HEW40_Nss1,(MCS0)_4TX

5795MHz_TX

16/01/2020



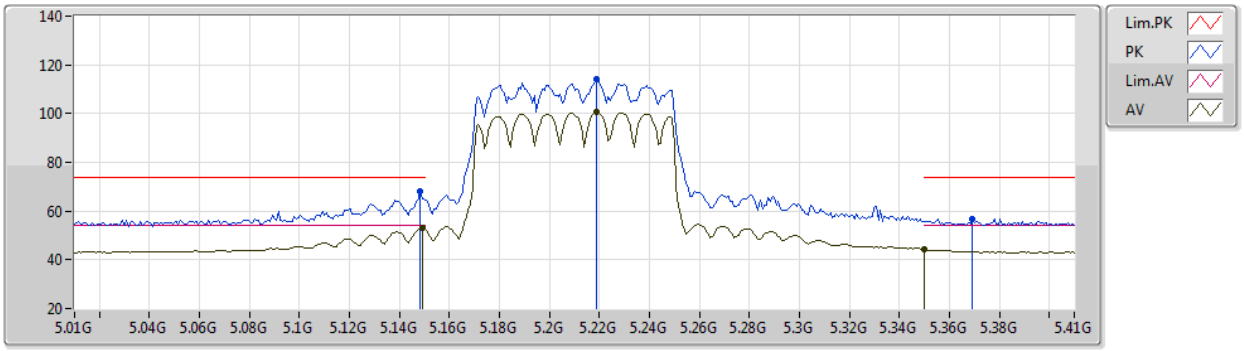
EUT Y_2TX
Setting 24
03-B-M-1

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	11.5923G	56.38	74.00	-17.62	41.81	3	Horizontal	204	2.18	-	39.57	9.70	34.70
AV	11.59476G	43.25	54.00	-10.75	28.68	3	Horizontal	204	2.18	-	39.57	9.70	34.70

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

16/01/2020



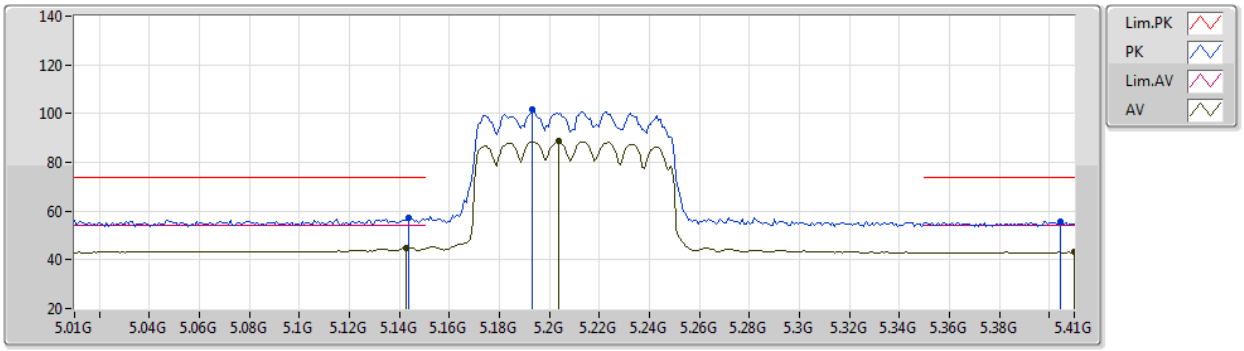
EUT Y_2TX
Setting 20
03-B-M-1-10

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	5.1484G	68.05	74.00	-5.95	64.51	3	Vertical	341	2.05	-	31.70	6.61	34.77
AV	5.1492G	52.89	54.00	-1.11	49.35	3	Vertical	341	2.05	-	31.70	6.61	34.77
PK	5.2188G	114.14	Inf	-Inf	110.73	3	Vertical	341	2.05	-	31.54	6.69	34.82
AV	5.2188G	100.51	Inf	-Inf	97.10	3	Vertical	341	2.05	-	31.54	6.69	34.82
PK	5.3692G	56.93	74.00	-17.07	53.73	3	Vertical	341	2.05	-	31.51	6.62	34.93
AV	5.35G	44.30	54.00	-9.70	41.15	3	Vertical	341	2.05	-	31.45	6.62	34.92

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

16/01/2020



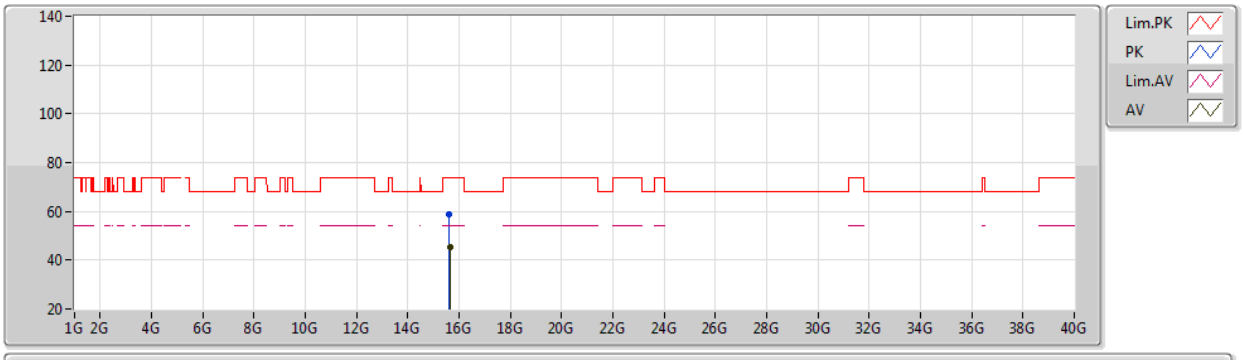
EUT Y_2TX
Setting 20
03-B-M-1-10

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	5.1436G	57.29	74.00	-16.71	53.75	3	Horizontal	58	1.83	-	31.71	6.60	34.77
AV	5.1428G	44.95	54.00	-9.05	41.41	3	Horizontal	58	1.83	-	31.71	6.60	34.77
PK	5.1932G	101.85	Inf	-Inf	98.36	3	Horizontal	58	1.83	-	31.61	6.69	34.81
AV	5.2036G	88.57	Inf	-Inf	85.09	3	Horizontal	58	1.83	-	31.59	6.70	34.81
PK	5.4044G	55.78	74.00	-18.22	52.52	3	Horizontal	58	1.83	-	31.60	6.61	34.95
AV	5.41G	43.07	54.00	-10.93	39.80	3	Horizontal	58	1.83	-	31.61	6.62	34.96

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

16/01/2020



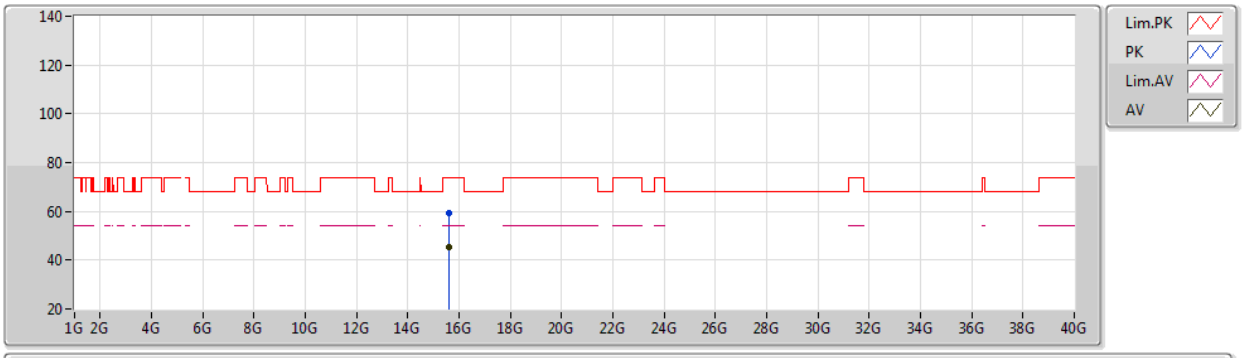
EUT Y_2TX
Setting 20
03-B-M-1

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	15.62916G	58.96	74.00	-15.04	44.94	3	Vertical	360	1.45	-	38.57	10.35	34.90
AV	15.63133G	45.30	54.00	-8.70	31.29	3	Vertical	360	1.45	-	38.56	10.35	34.90

802.11ax HEW80_Nss1,(MCS0)_2TX

5210MHz_TX

16/01/2020



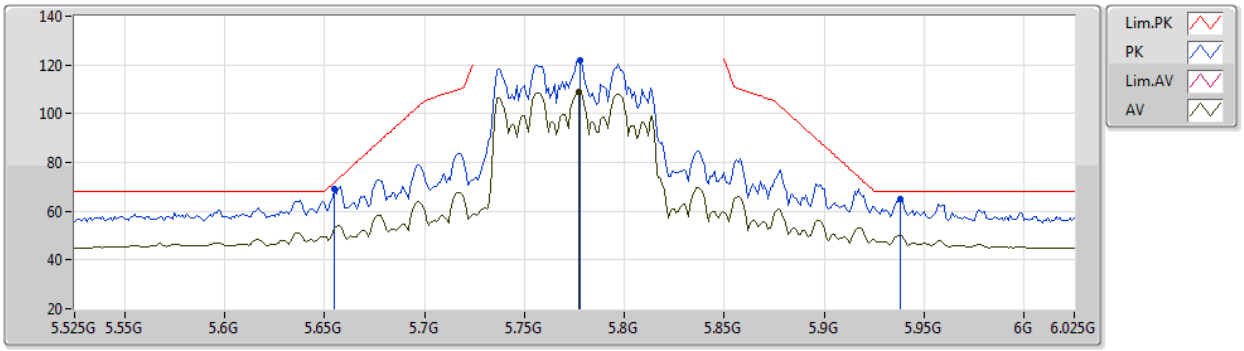
EUT Y_2TX
Setting 20
03-B-M-1

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	15.63002G	59.39	74.00	-14.61	45.37	3	Horizontal	294	2.75	-	38.57	10.35	34.90
AV	15.6301G	45.25	54.00	-8.75	31.23	3	Horizontal	294	2.75	-	38.57	10.35	34.90

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

16/01/2020



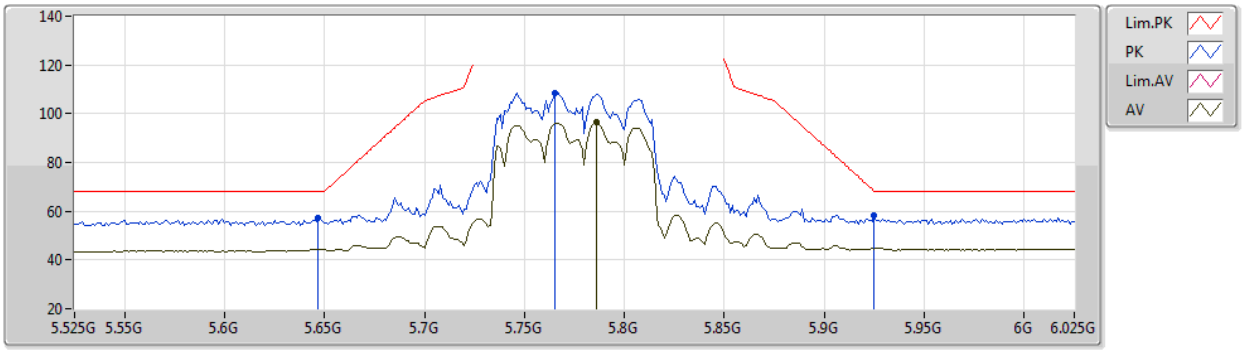
EUT Y_2TX
Setting 21.5
03-B-M-1-10

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	5.655G	68.88	71.90	-3.02	65.26	3	Vertical	3	2.01	-	31.71	6.87	34.96
PK	5.778G	121.70	Inf	-Inf	117.71	3	Vertical	3	2.01	-	32.11	6.81	34.93
AV	5.777G	108.79	Inf	-Inf	104.80	3	Vertical	3	2.01	-	32.11	6.81	34.93
PK	5.938G	64.80	68.20	-3.40	60.44	3	Vertical	3	2.01	-	32.38	6.87	34.89

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

16/01/2020



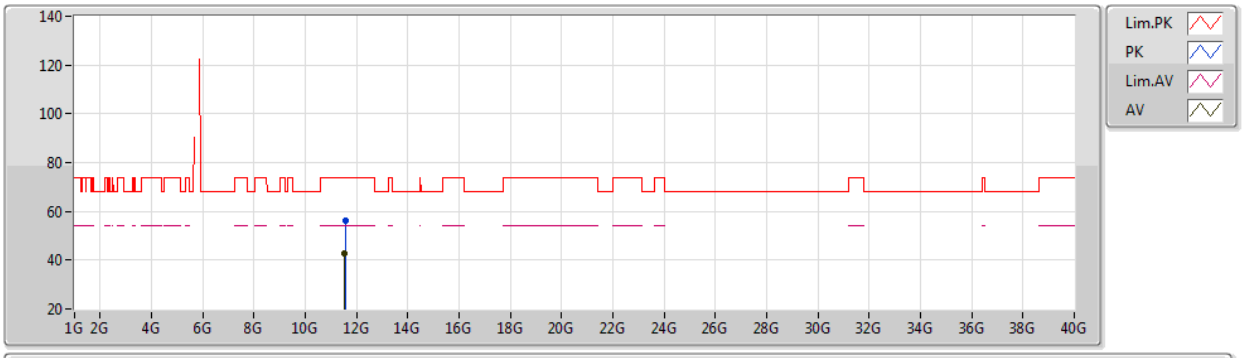
EUT Y_2TX
Setting 21.5
03-B-M-1-10

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	5.647G	57.18	68.20	-11.02	53.58	3	Horizontal	316	2.29	-	31.69	6.88	34.97
PK	5.765G	108.38	Inf	-Inf	104.44	3	Horizontal	316	2.29	-	32.06	6.82	34.94
AV	5.786G	96.30	Inf	-Inf	92.28	3	Horizontal	316	2.29	-	32.14	6.81	34.93
PK	5.925G	58.46	68.20	-9.74	54.14	3	Horizontal	316	2.29	-	32.35	6.86	34.89

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

16/01/2020



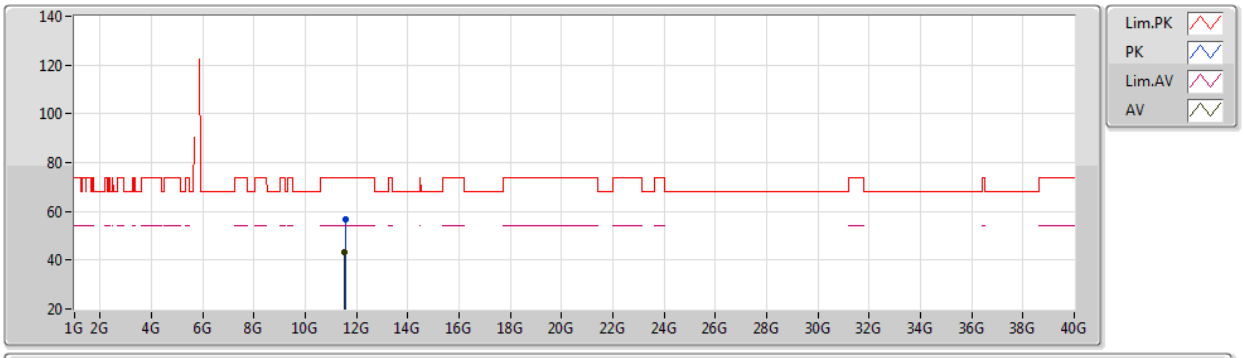
EUT Y_2TX
Setting 21.5
03-B-M-1

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	11.55496G	56.12	74.00	-17.88	41.47	3	Vertical	189	2.65	-	39.65	9.69	34.69
AV	11.5457G	42.72	54.00	-11.28	28.06	3	Vertical	189	2.65	-	39.66	9.69	34.69

802.11ax HEW80_Nss1,(MCS0)_4TX

5775MHz_TX

16/01/2020



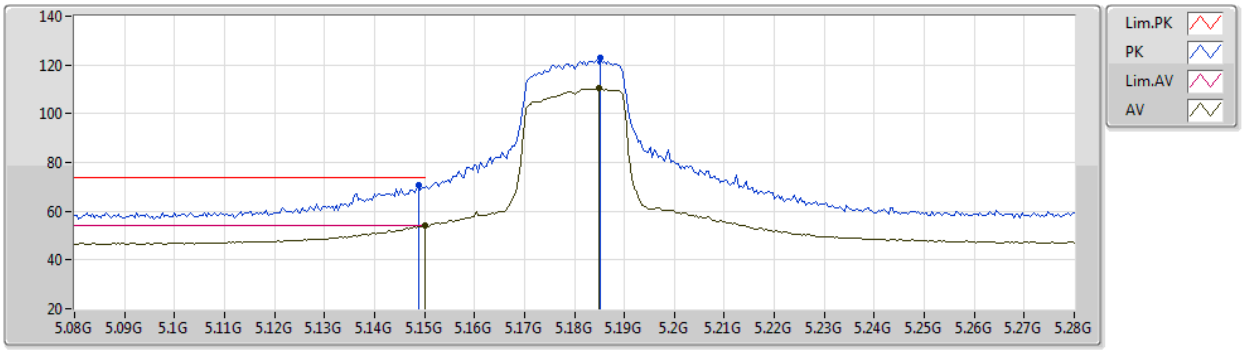
EUT Y_2TX
Setting 21.5
03-B-M-1

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	11.5523G	56.52	74.00	-17.48	41.87	3	Horizontal	258	2.16	-	39.65	9.69	34.69
AV	11.5483G	43.18	54.00	-10.82	28.52	3	Horizontal	258	2.16	-	39.66	9.69	34.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

16/01/2020



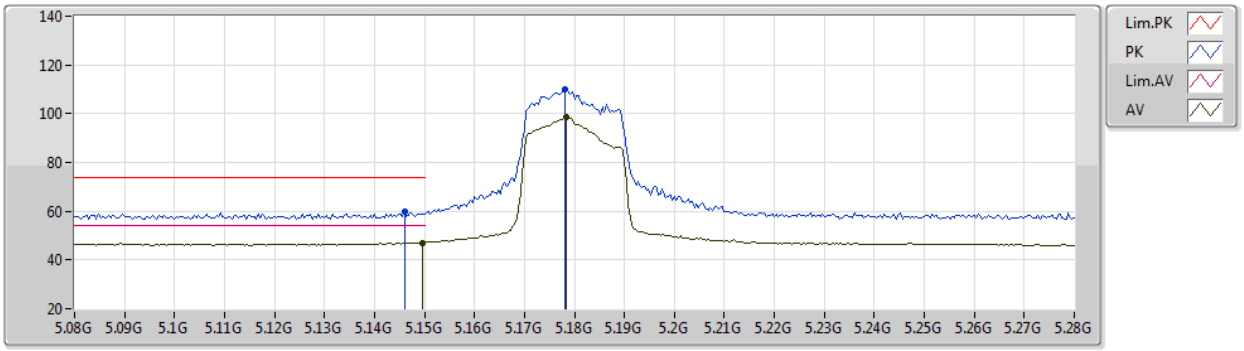
EUT Y_2TX
Setting 26
03-C-B-2-13

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	5.1488G	70.84	74.00	-3.16	67.30	3	Vertical	359	2.07	-	31.70	6.61	34.77
AV	5.15G	53.92	54.00	-0.08	50.38	3	Vertical	359	2.07	-	31.70	6.61	34.77
PK	5.1852G	122.82	Inf	-Inf	119.32	3	Vertical	359	2.07	-	31.63	6.67	34.80
AV	5.1848G	110.26	Inf	-Inf	106.76	3	Vertical	359	2.07	-	31.63	6.67	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

16/01/2020



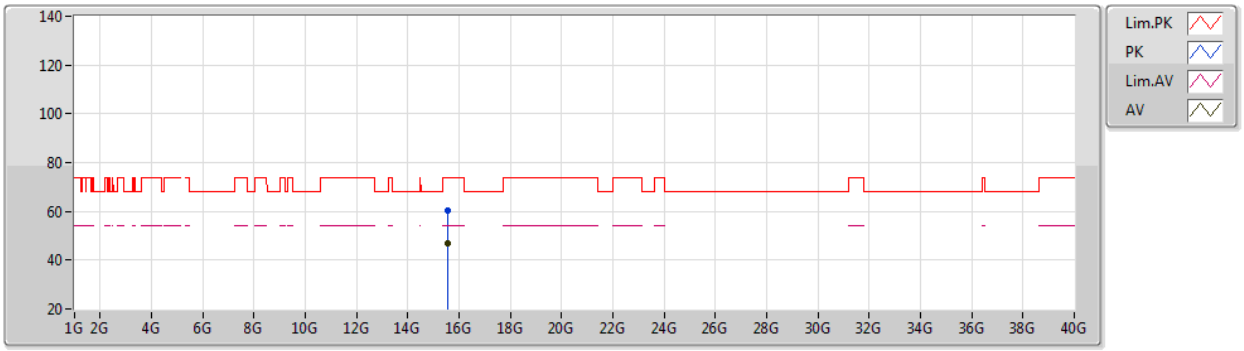
EUT Y_2TX
Setting 26
03-C-B-2-13

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	59.74	74.00	-14.26	56.20	3	Horizontal	246	3.00	-	31.71	6.60	34.77
AV	5.1496G	47.04	54.00	-6.96	43.50	3	Horizontal	246	3.00	-	31.70	6.61	34.77
PK	5.178G	110.09	Inf	-Inf	106.58	3	Horizontal	246	3.00	-	31.64	6.66	34.79
AV	5.1784G	98.38	Inf	-Inf	94.87	3	Horizontal	246	3.00	-	31.64	6.66	34.79

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

16/01/2020

5180MHz_TX



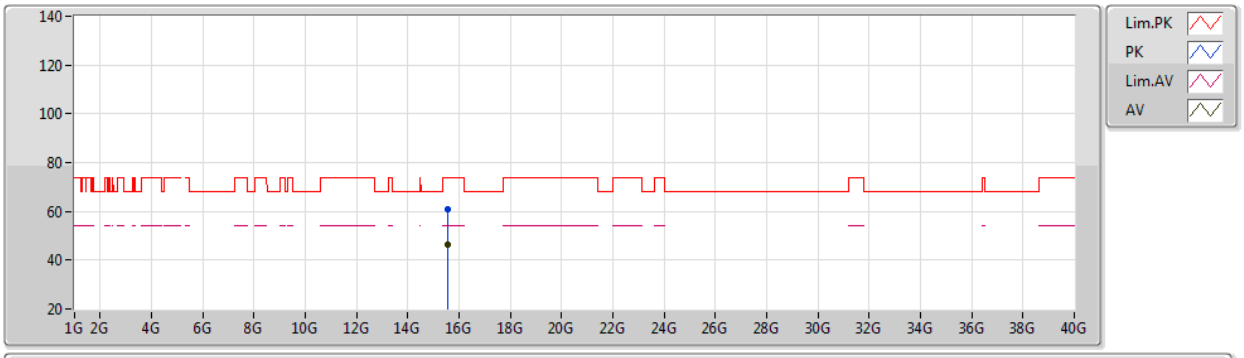
EUT Y_2TX
Setting 26
03-C-B-2

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	15.53794G	60.11	74.00	-13.89	45.64	3	Vertical	191	2.33	-	38.91	10.36	34.80
AV	15.54055G	46.78	54.00	-7.22	32.32	3	Vertical	191	2.33	-	38.90	10.36	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

16/01/2020



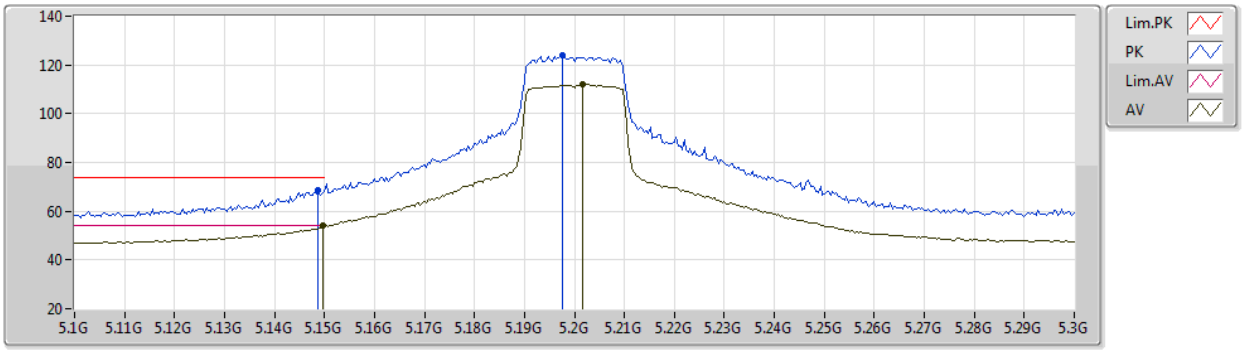
EUT Y_2TX
Setting 26
03-C-B-2

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	15.54099G	60.61	74.00	-13.39	46.15	3	Horizontal	346	2.54	-	38.90	10.36	34.80
AV	15.539G	46.48	54.00	-7.52	32.01	3	Horizontal	346	2.54	-	38.91	10.36	34.80

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

16/01/2020



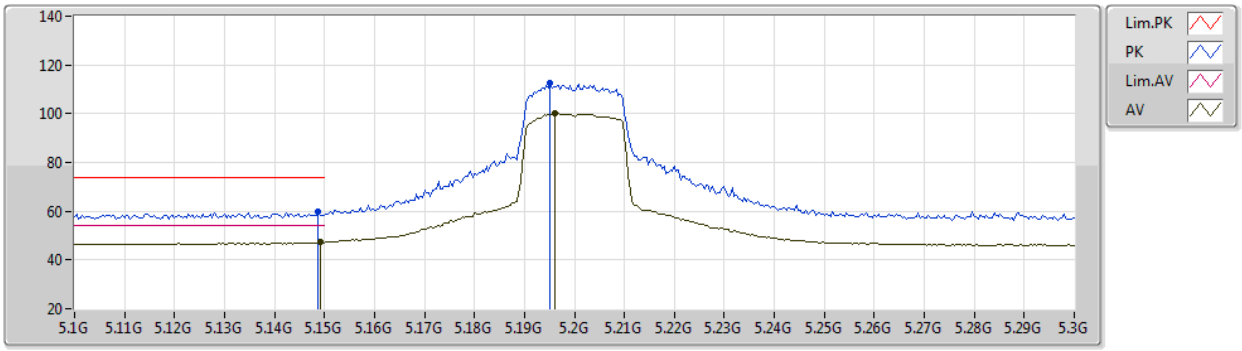
EUT Y_2TX
Setting 28
03-C-B-2-13

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	5.1488G	68.64	74.00	-5.36	65.10	3	Vertical	355	2.06	-	31.70	6.61	34.77
AV	5.1496G	53.89	54.00	-0.11	50.35	3	Vertical	355	2.06	-	31.70	6.61	34.77
PK	5.1976G	123.83	Inf	-Inf	120.34	3	Vertical	355	2.06	-	31.60	6.70	34.81
AV	5.2016G	111.95	Inf	-Inf	108.46	3	Vertical	355	2.06	-	31.60	6.70	34.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

16/01/2020



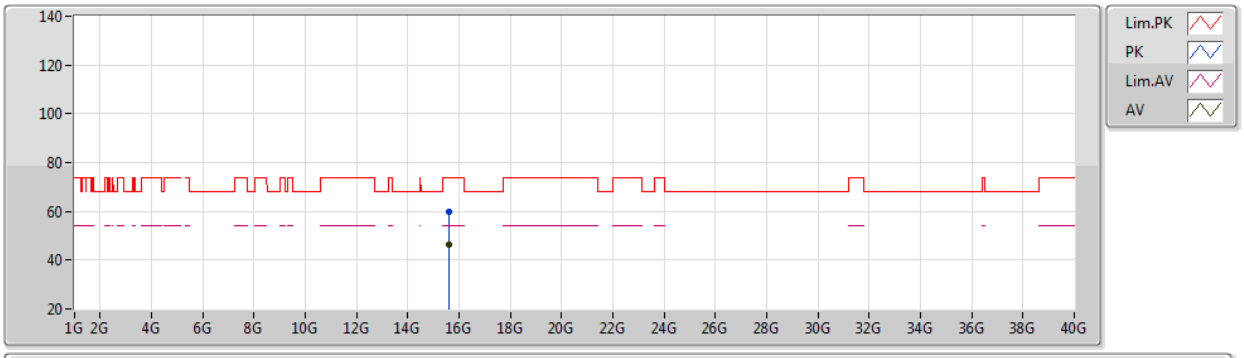
EUT Y_2TX
Setting 28
03-C-B-2-13

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	5.1488G	59.61	74.00	-14.39	56.07	3	Horizontal	298	1.04	-	31.70	6.61	34.77
AV	5.1492G	47.20	54.00	-6.80	43.66	3	Horizontal	298	1.04	-	31.70	6.61	34.77
PK	5.1952G	112.34	Inf	-Inf	108.85	3	Horizontal	298	1.04	-	31.61	6.69	34.81
AV	5.196G	100.22	Inf	-Inf	96.73	3	Horizontal	298	1.04	-	31.61	6.69	34.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

16/01/2020



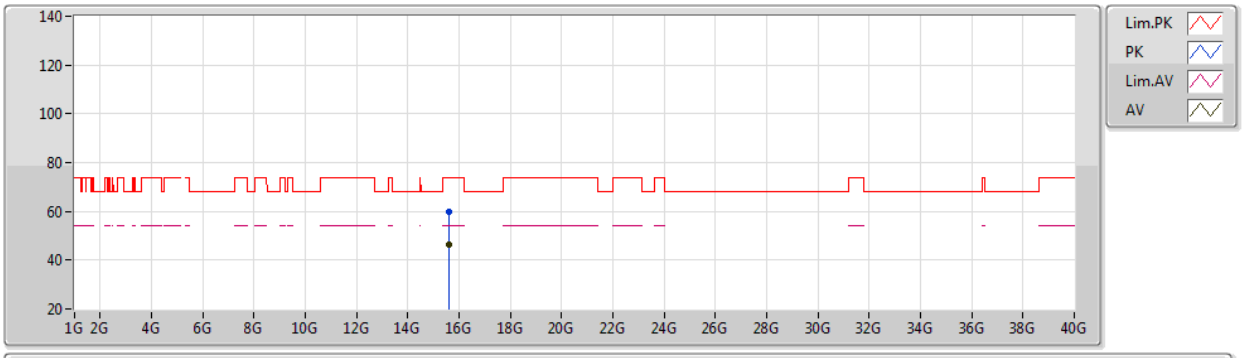
EUT Y_2TX
Setting 28
03-C-B-2

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	15.59964G	59.75	74.00	-14.25	45.57	3	Vertical	317	1.08	-	38.68	10.36	34.86
AV	15.60074G	46.45	54.00	-7.55	32.27	3	Vertical	317	1.08	-	38.68	10.36	34.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

16/01/2020



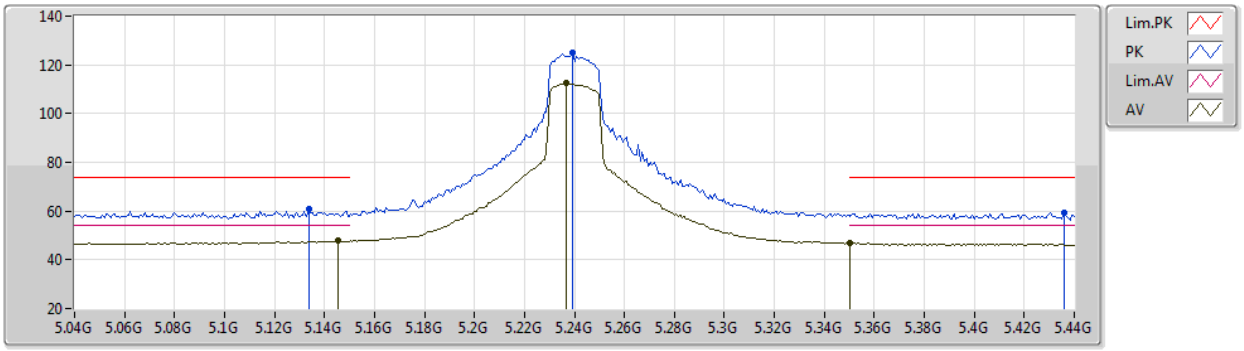
EUT Y_2TX
Setting 28
03-C-B-2

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	15.60219G	59.77	74.00	-14.23	45.61	3	Horizontal	82	2.55	-	38.67	10.36	34.87
AV	15.59878G	46.40	54.00	-7.60	32.22	3	Horizontal	82	2.55	-	38.68	10.36	34.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

16/01/2020



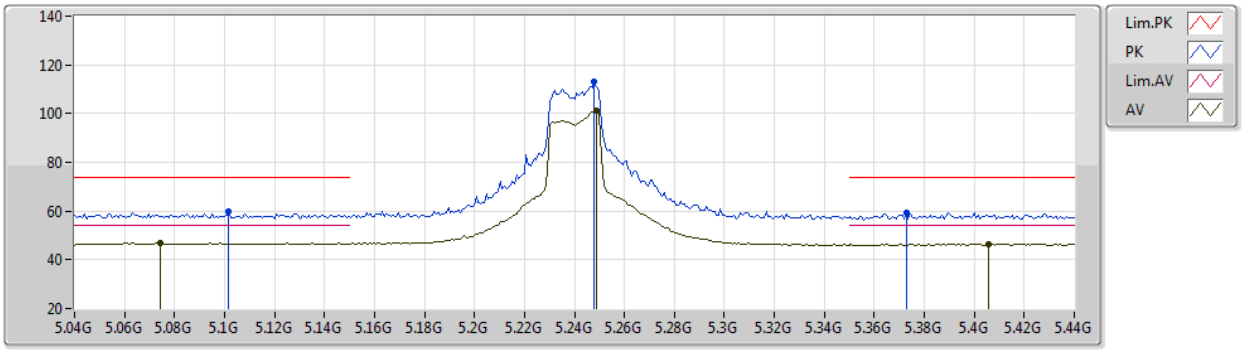
EUT Y_2TX
Setting 28
03-C-B-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1336G	60.71	74.00	-13.29	57.16	3	Vertical	35	2.20	-	31.73	6.58	34.76
AV	5.1456G	47.71	54.00	-6.29	44.17	3	Vertical	35	2.20	-	31.71	6.60	34.77
PK	5.2392G	125.25	Inf	-Inf	121.93	3	Vertical	35	2.20	-	31.48	6.68	34.84
AV	5.2368G	112.33	Inf	-Inf	109.00	3	Vertical	35	2.20	-	31.49	6.68	34.84
PK	5.436G	59.33	74.00	-14.67	56.00	3	Vertical	35	2.20	-	31.64	6.66	34.97
AV	5.3504G	46.99	54.00	-7.01	43.84	3	Vertical	35	2.20	-	31.45	6.62	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

16/01/2020



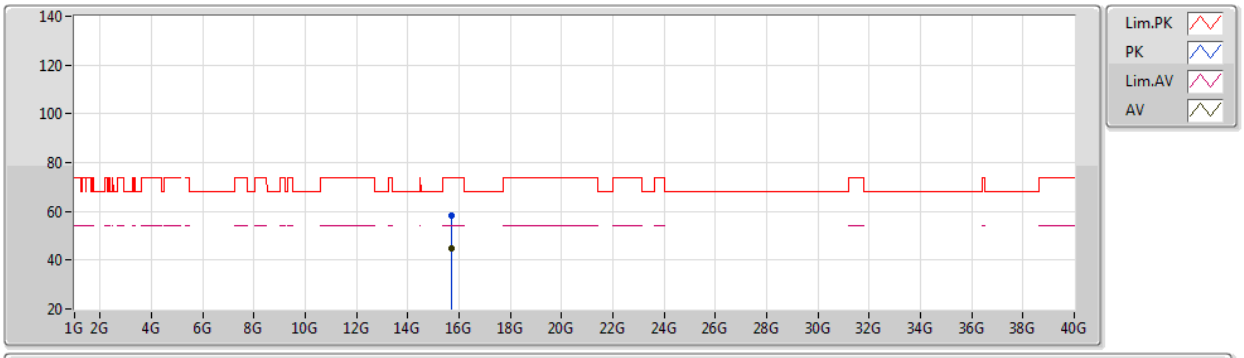
EUT Y_2TX
Setting 28
03-C-B-2-13

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	5.1016G	59.68	74.00	-14.32	56.10	3	Horizontal	288	1.59	-	31.80	6.52	34.74
AV	5.0744G	46.86	54.00	-7.14	43.32	3	Horizontal	288	1.59	-	31.80	6.46	34.72
PK	5.248G	113.01	Inf	-Inf	109.71	3	Horizontal	288	1.59	-	31.46	6.68	34.84
AV	5.2488G	100.99	Inf	-Inf	97.70	3	Horizontal	288	1.59	-	31.45	6.68	34.84
PK	5.3728G	59.26	74.00	-14.74	56.06	3	Horizontal	288	1.59	-	31.52	6.61	34.93
AV	5.4056G	46.53	54.00	-7.47	43.26	3	Horizontal	288	1.59	-	31.61	6.61	34.95

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

16/01/2020



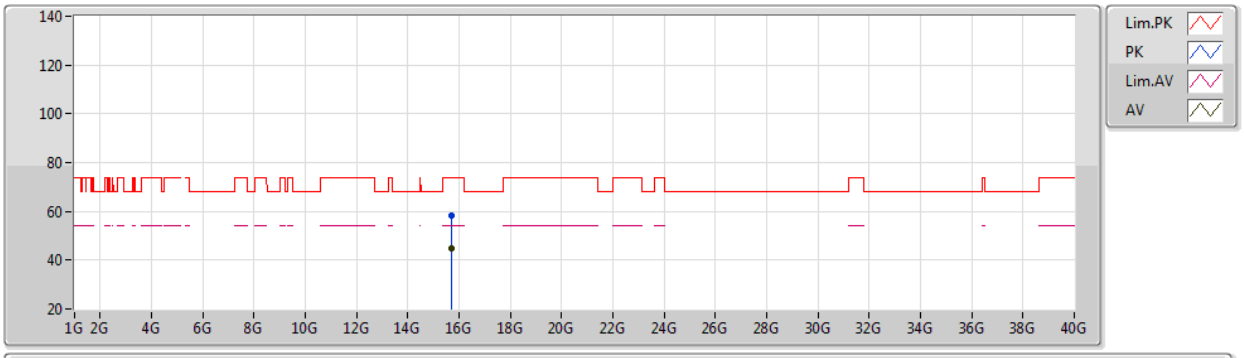
EUT Y_2TX
Setting 28
03-C-B-2

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	15.71886G	58.25	74.00	-15.75	44.66	3	Vertical	199	1.49	-	38.24	10.34	34.99
AV	15.72201G	44.88	54.00	-9.12	31.31	3	Vertical	199	1.49	-	38.23	10.34	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

16/01/2020



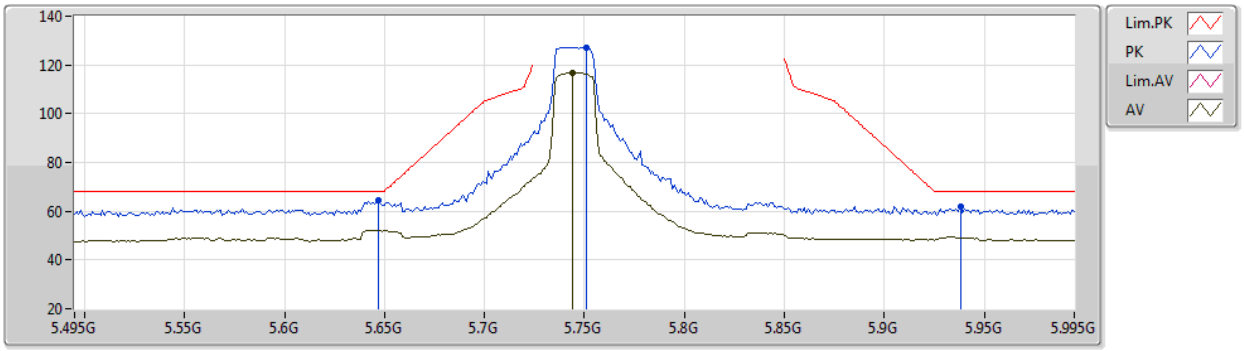
EUT Y_2TX
Setting 28
03-C-B-2

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	15.72148G	58.03	74.00	-15.97	44.46	3	Horizontal	61	1.35	-	38.23	10.34	35.00
AV	15.72241G	44.83	54.00	-9.17	31.26	3	Horizontal	61	1.35	-	38.23	10.34	35.00

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

16/01/2020



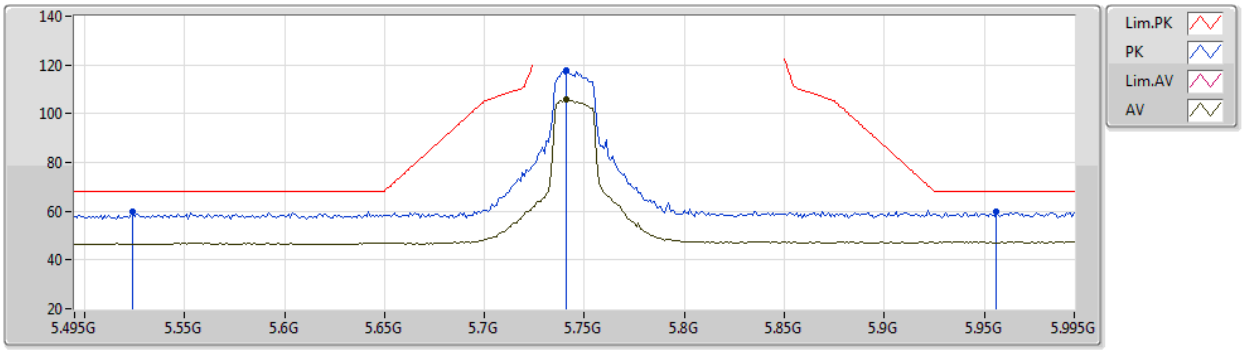
EUT Y_4TX
Setting 30
03-C-B-2-13

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	5.647G	64.29	68.20	-3.91	60.69	3	Vertical	92	1.57	-	31.69	6.88	34.97
PK	5.751G	127.26	Inf	-Inf	123.38	3	Vertical	92	1.57	-	32.00	6.82	34.94
AV	5.744G	116.97	Inf	-Inf	113.10	3	Vertical	92	1.57	-	31.98	6.83	34.94
PK	5.938G	61.75	68.20	-6.45	57.39	3	Vertical	92	1.57	-	32.38	6.87	34.89

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

16/01/2020



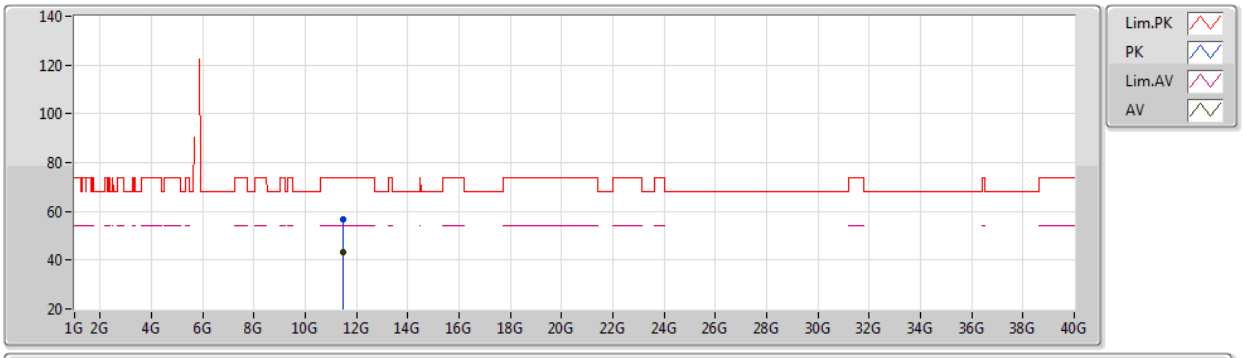
EUT Y_4TX
Setting 30
03-C-B-2-13

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	5.524G	59.96	68.20	-8.24	56.49	3	Horizontal	244	2.16	-	31.68	6.79	35.00
PK	5.741G	117.85	Inf	-Inf	114.00	3	Horizontal	244	2.16	-	31.96	6.83	34.94
AV	5.741G	105.65	Inf	-Inf	101.80	3	Horizontal	244	2.16	-	31.96	6.83	34.94
PK	5.956G	59.68	68.20	-8.52	55.27	3	Horizontal	244	2.16	-	32.41	6.88	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

16/01/2020



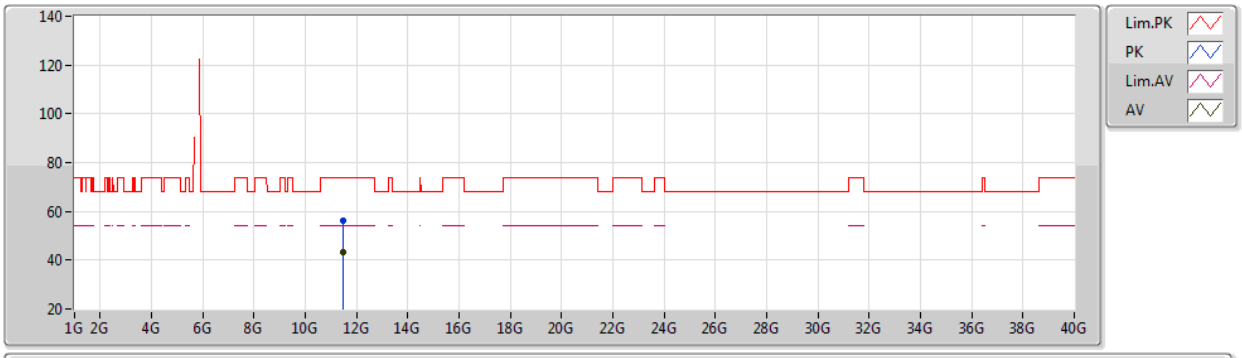
EUT Y_4TX
Setting 30
03-C-B-2

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	11.48854G	56.51	74.00	-17.49	41.74	3	Vertical	15	1.85	-	39.77	9.68	34.68
AV	11.48834G	43.23	54.00	-10.77	28.46	3	Vertical	15	1.85	-	39.77	9.68	34.68

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5745MHz_TX

16/01/2020



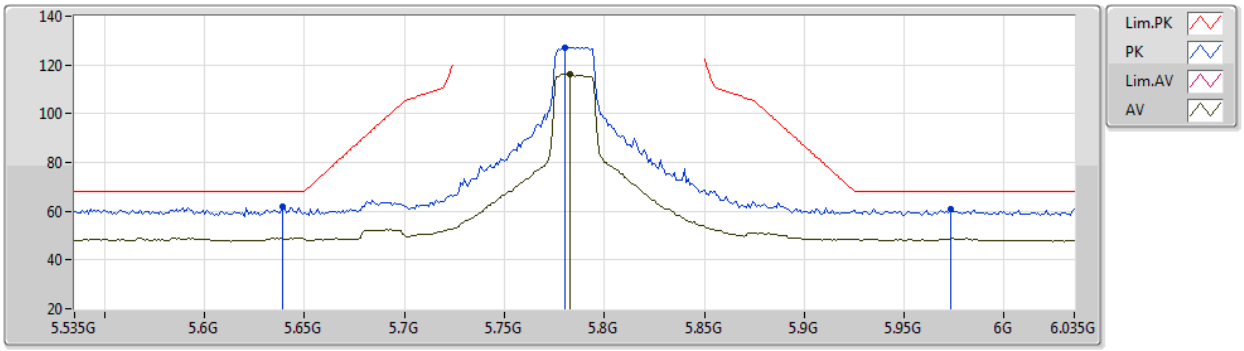
EUT Y_4TX
Setting 30
03-C-B-2

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	11.49242G	56.04	74.00	-17.96	41.28	3	Horizontal	108	2.34	-	39.76	9.68	34.68
AV	11.48769G	43.11	54.00	-10.89	28.34	3	Horizontal	108	2.34	-	39.77	9.68	34.68

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

16/01/2020



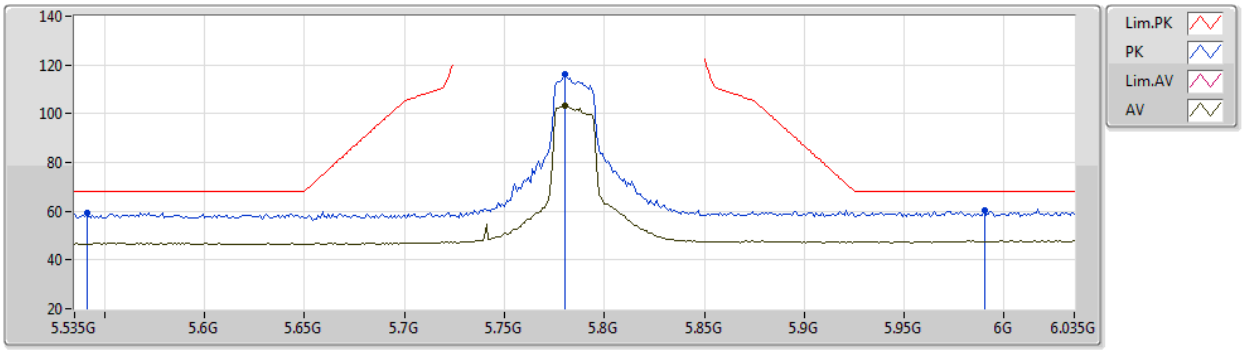
EUT Y_4TX
Setting 30
03-C-B-2-13

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	5.639G	61.70	68.20	-6.50	58.11	3	Vertical	89	1.55	-	31.68	6.88	34.97
PK	5.78G	127.31	Inf	-Inf	123.31	3	Vertical	89	1.55	-	32.12	6.81	34.93
AV	5.783G	116.13	Inf	-Inf	112.12	3	Vertical	89	1.55	-	32.13	6.81	34.93
PK	5.973G	60.70	68.20	-7.50	56.24	3	Vertical	89	1.55	-	32.45	6.89	34.88

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

16/01/2020



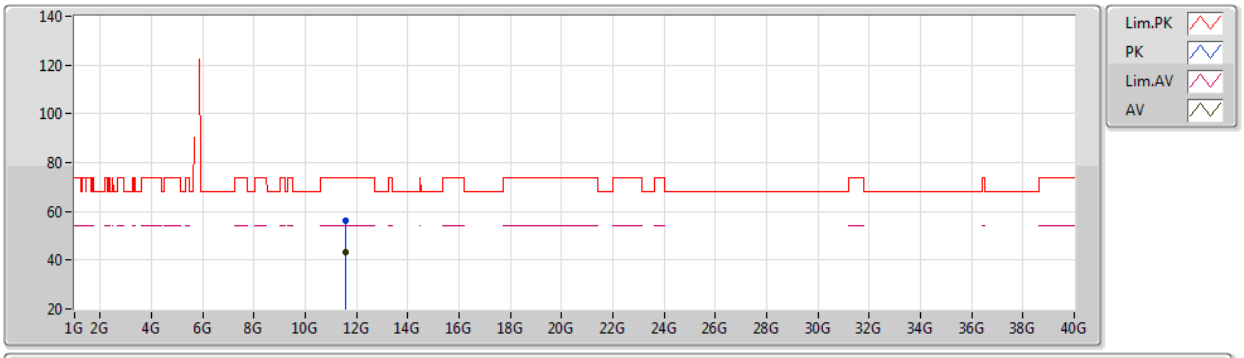
EUT Y_4TX
Setting 30
03-C-B-2-13

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	5.541G	59.42	68.20	-8.78	55.94	3	Horizontal	292	2.25	-	31.66	6.82	35.00
PK	5.78G	115.95	Inf	-Inf	111.95	3	Horizontal	292	2.25	-	32.12	6.81	34.93
AV	5.78G	103.42	Inf	-Inf	99.42	3	Horizontal	292	2.25	-	32.12	6.81	34.93
PK	5.99G	60.13	68.20	-8.07	55.62	3	Horizontal	292	2.25	-	32.48	6.90	34.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

16/01/2020



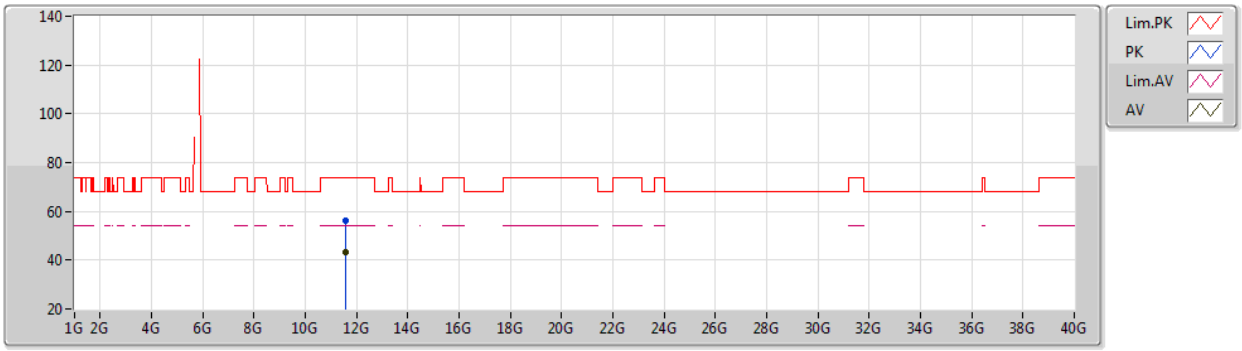
EUT Y_4TX
Setting 30
03-C-B-2

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	11.57079G	56.42	74.00	-17.58	41.79	3	Vertical	84	2.47	-	39.62	9.70	34.69
AV	11.56823G	43.43	54.00	-10.57	28.80	3	Vertical	84	2.47	-	39.62	9.70	34.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5785MHz_TX

16/01/2020



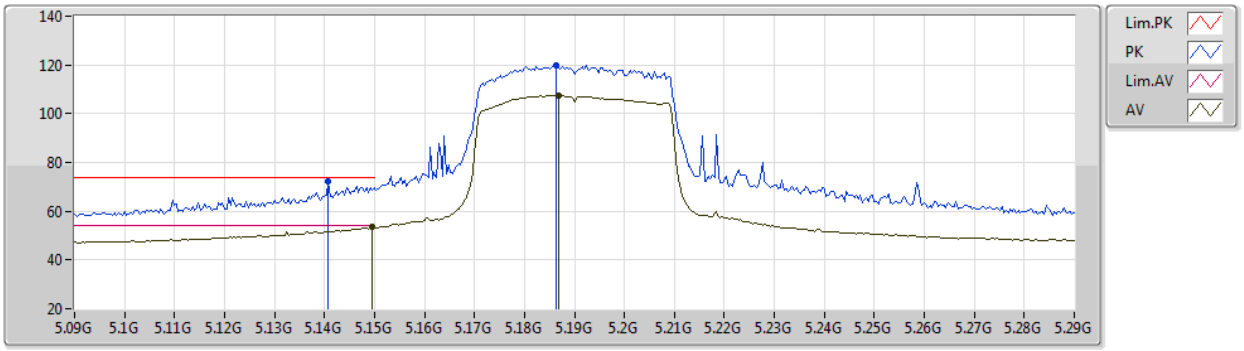
EUT Y_4TX
Setting 30
03-C-B-2

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	11.56902G	56.18	74.00	-17.82	41.55	3	Horizontal	120	2.90	-	39.62	9.70	34.69
AV	11.57223G	43.47	54.00	-10.53	28.85	3	Horizontal	120	2.90	-	39.61	9.70	34.69

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

16/01/2020



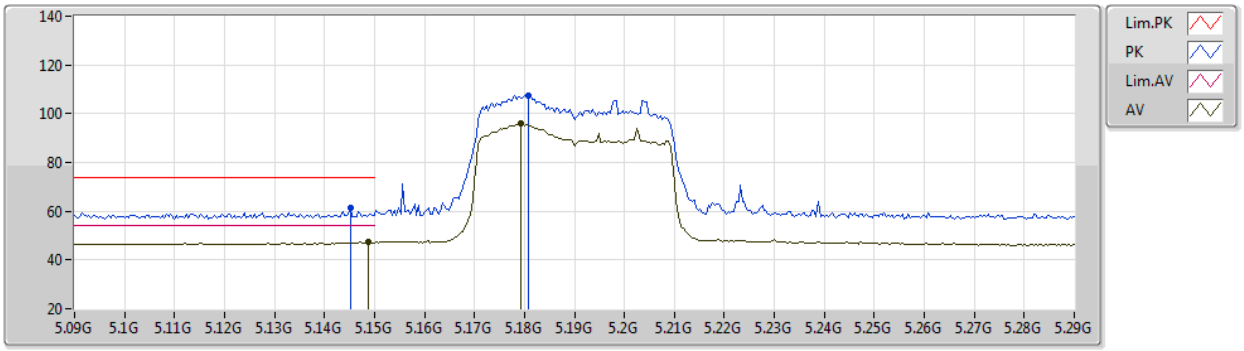
EUT Y_2TX
Setting 25
03-C-B-2-13

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	5.1408G	72.04	74.00	-1.96	68.50	3	Vertical	0	2.22	-	31.72	6.59	34.77
AV	5.1496G	53.60	54.00	-0.40	50.06	3	Vertical	0	2.22	-	31.70	6.61	34.77
PK	5.1864G	119.75	Inf	-Inf	116.24	3	Vertical	0	2.22	-	31.63	6.68	34.80
AV	5.1868G	107.53	Inf	-Inf	104.02	3	Vertical	0	2.22	-	31.63	6.68	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

16/01/2020



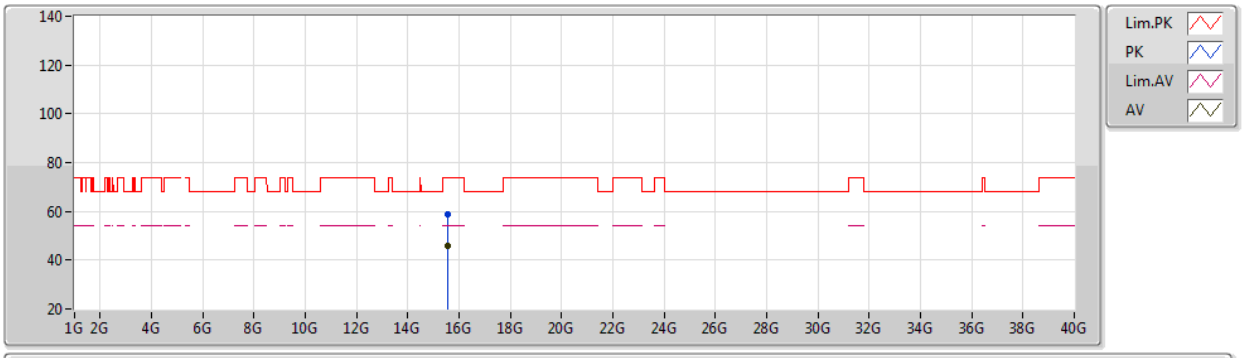
EUT Y_2TX
Setting 25
03-C-B-2-13

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	5.1452G	61.47	74.00	-12.53	57.93	3	Horizontal	247	1.80	-	31.71	6.60	34.77
AV	5.1488G	47.29	54.00	-6.71	43.75	3	Horizontal	247	1.80	-	31.70	6.61	34.77
PK	5.1808G	107.59	Inf	-Inf	104.08	3	Horizontal	247	1.80	-	31.64	6.67	34.80
AV	5.1792G	95.79	Inf	-Inf	92.29	3	Horizontal	247	1.80	-	31.64	6.66	34.80

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

16/01/2020



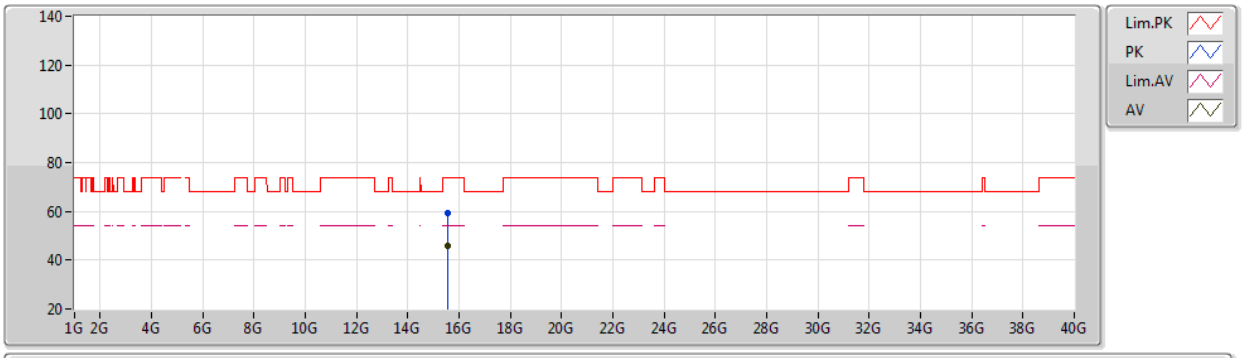
EUT Y_2TX
Setting 25
03-C-B-2

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	15.57198G	58.94	74.00	-15.06	44.63	3	Vertical	110	1.77	-	38.78	10.36	34.83
AV	15.56897G	45.97	54.00	-8.03	31.65	3	Vertical	110	1.77	-	38.79	10.36	34.83

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

16/01/2020



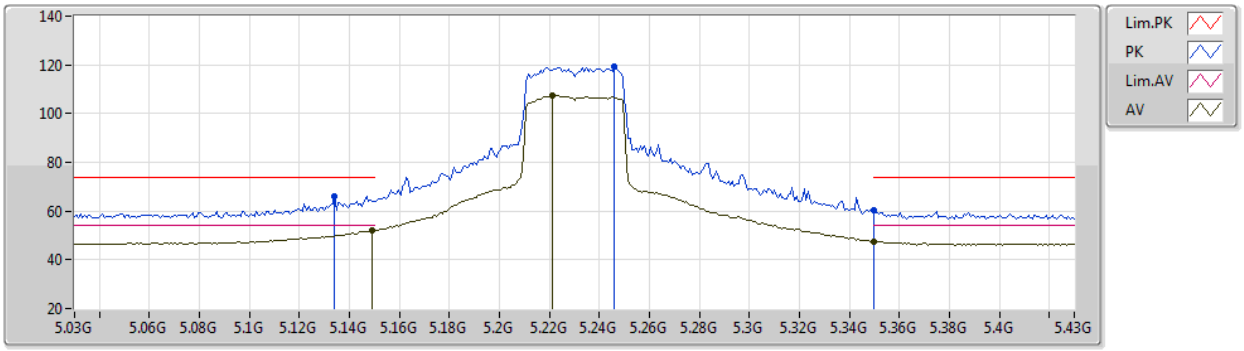
EUT Y_2TX
Setting 25
03-C-B-2

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	15.57237G	59.25	74.00	-14.75	44.94	3	Horizontal	186	2.63	-	38.78	10.36	34.83
AV	15.56878G	46.09	54.00	-7.91	31.76	3	Horizontal	186	2.63	-	38.80	10.36	34.83

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

16/01/2020



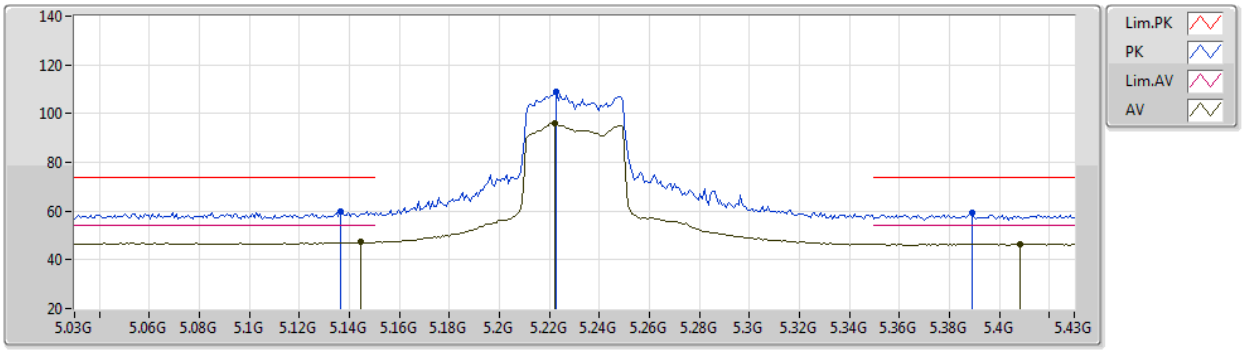
EUT Y_2TX
Setting 27
03-C-B-2-13

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	5.134G	66.24	74.00	-7.76	62.69	3	Vertical	329	2.10	-	31.73	6.58	34.76
AV	5.1492G	51.89	54.00	-2.11	48.35	3	Vertical	329	2.10	-	31.70	6.61	34.77
PK	5.246G	119.36	Inf	-Inf	116.06	3	Vertical	329	2.10	-	31.46	6.68	34.84
AV	5.2212G	107.25	Inf	-Inf	103.84	3	Vertical	329	2.10	-	31.54	6.69	34.82
PK	5.35G	60.19	74.00	-13.81	57.04	3	Vertical	329	2.10	-	31.45	6.62	34.92
AV	5.35G	47.53	54.00	-6.47	44.38	3	Vertical	329	2.10	-	31.45	6.62	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

16/01/2020



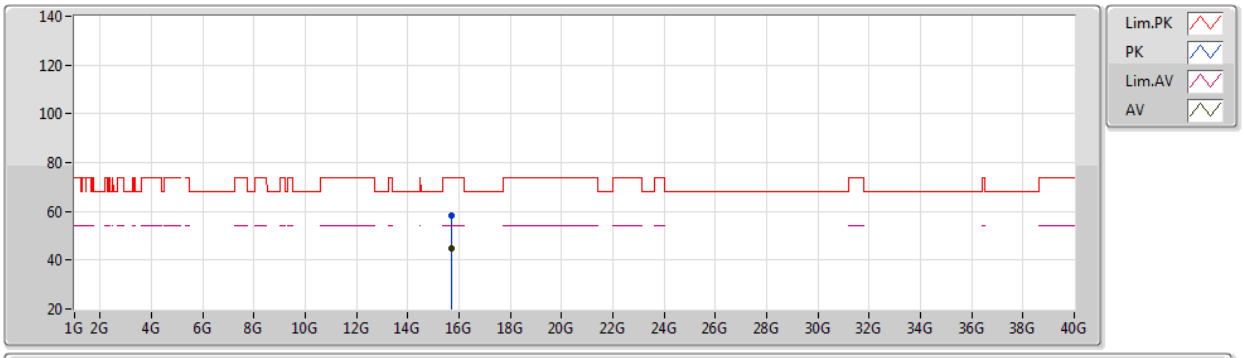
EUT Y_2TX
Setting 27
03-C-B-2-13

Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	5.1364G	59.62	74.00	-14.38	56.07	3	Horizontal	289	1.58	-	31.73	6.59	34.77
AV	5.1444G	47.23	54.00	-6.77	43.69	3	Horizontal	289	1.58	-	31.71	6.60	34.77
PK	5.2228G	109.10	Inf	-Inf	105.71	3	Horizontal	289	1.58	-	31.53	6.69	34.83
AV	5.222G	95.95	Inf	-Inf	92.56	3	Horizontal	289	1.58	-	31.53	6.69	34.83
PK	5.3892G	59.26	74.00	-14.74	56.02	3	Horizontal	289	1.58	-	31.57	6.61	34.94
AV	5.4084G	46.59	54.00	-7.41	43.33	3	Horizontal	289	1.58	-	31.61	6.61	34.96

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

16/01/2020



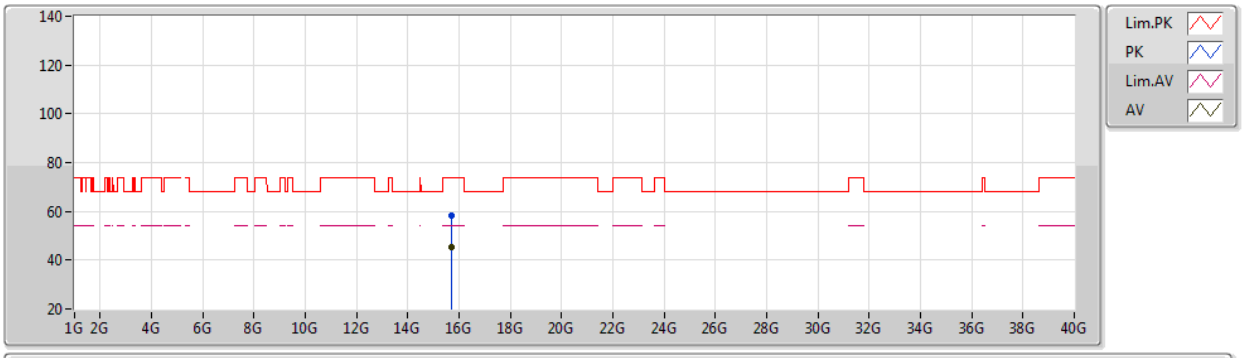
EUT Y_2TX
Setting 27
03-C-B-2

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	15.69224G	58.06	74.00	-15.94	44.34	3	Vertical	61	2.56	-	38.34	10.34	34.96
AV	15.68924G	45.04	54.00	-8.96	31.31	3	Vertical	61	2.56	-	38.35	10.34	34.96

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

16/01/2020



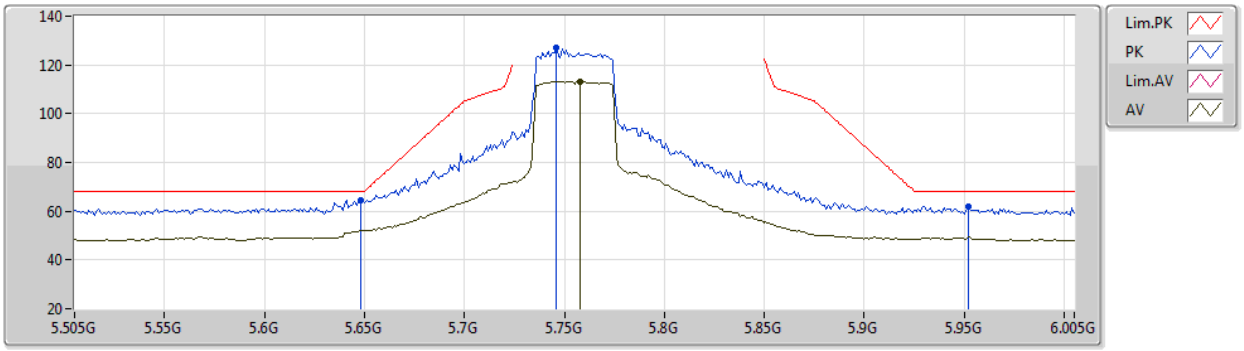
EUT Y_2TX
Setting 27
03-C-B-2

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	15.69003G	58.23	74.00	-15.77	44.50	3	Horizontal	305	2.08	-	38.35	10.34	34.96
AV	15.69148G	45.18	54.00	-8.82	31.46	3	Horizontal	305	2.08	-	38.34	10.34	34.96

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

16/01/2020



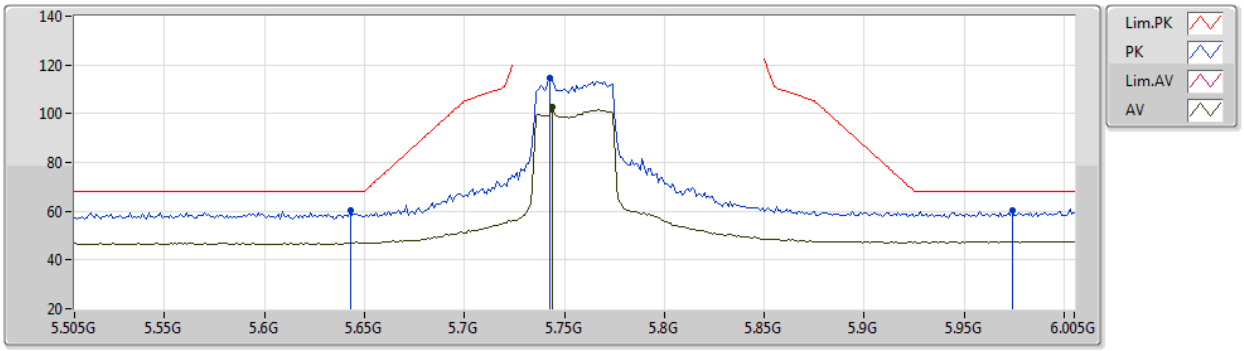
EUT Y_4TX
Setting 29
03-C-B-2-13

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	5.648G	64.69	68.20	-3.51	61.08	3	Vertical	90	1.46	-	31.70	6.88	34.97
PK	5.746G	126.95	Inf	-Inf	123.08	3	Vertical	90	1.46	-	31.98	6.83	34.94
AV	5.758G	113.26	Inf	-Inf	109.35	3	Vertical	90	1.46	-	32.03	6.82	34.94
PK	5.952G	61.99	68.20	-6.21	57.59	3	Vertical	90	1.46	-	32.40	6.88	34.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

16/01/2020



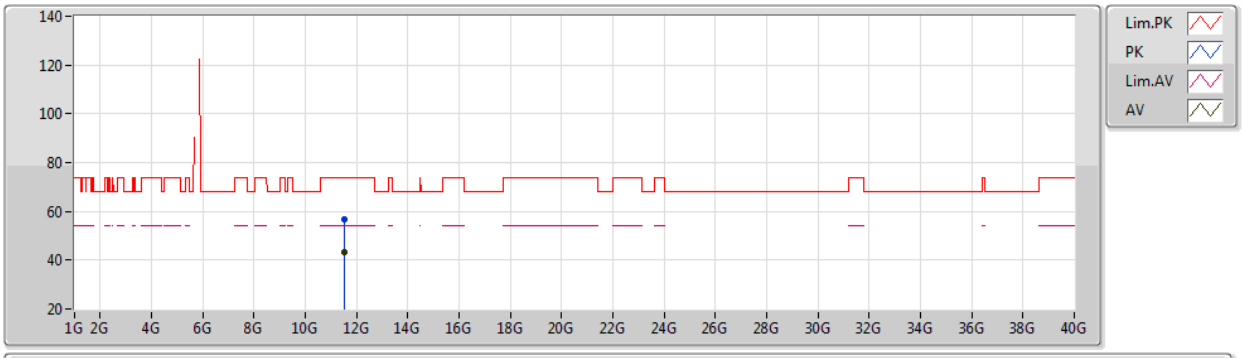
EUT Y_4TX
Setting 29
03-C-B-2-13

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	5.643G	60.56	68.20	-7.64	56.96	3	Horizontal	59	2.87	-	31.69	6.88	34.97
PK	5.743G	114.71	Inf	-Inf	110.85	3	Horizontal	59	2.87	-	31.97	6.83	34.94
AV	5.744G	102.69	Inf	-Inf	98.82	3	Horizontal	59	2.87	-	31.98	6.83	34.94
PK	5.974G	60.44	68.20	-7.76	55.98	3	Horizontal	59	2.87	-	32.45	6.89	34.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

16/01/2020



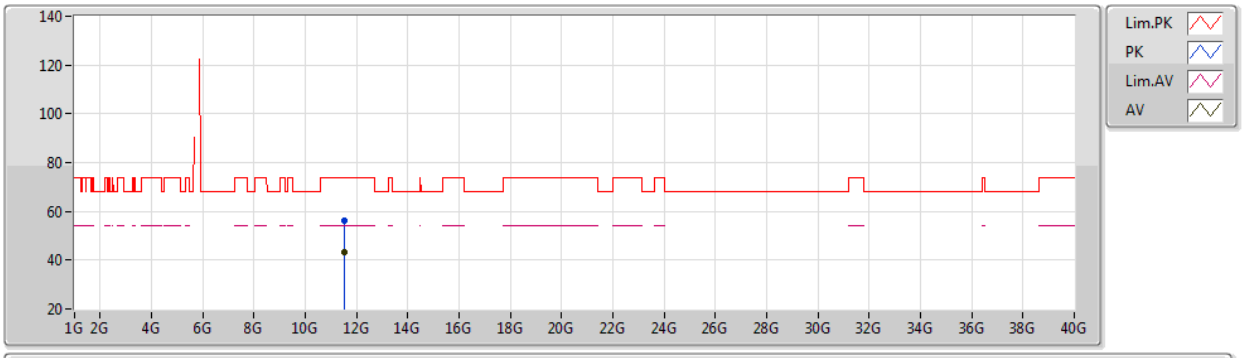
EUT Y_4TX
Setting 29
03-C-B-2

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	11.50963G	56.54	74.00	-17.46	41.81	3	Vertical	276	1.79	-	39.73	9.68	34.68
AV	11.51027G	43.27	54.00	-10.73	28.54	3	Vertical	276	1.79	-	39.73	9.68	34.68

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5755MHz_TX

16/01/2020



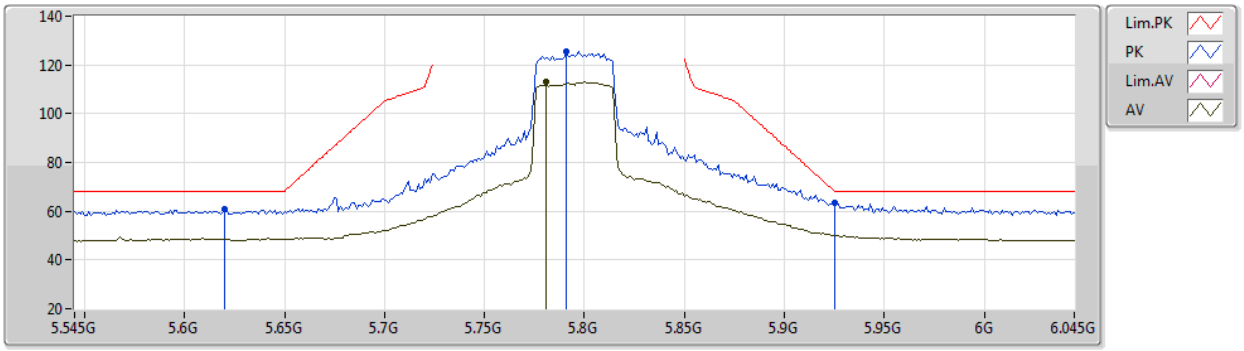
EUT Y_4TX
Setting 29
03-C-B-2

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	11.50985G	56.41	74.00	-17.59	41.68	3	Horizontal	110	2.03	-	39.73	9.68	34.68
AV	11.51182G	43.37	54.00	-10.63	28.64	3	Horizontal	110	2.03	-	39.73	9.68	34.68

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

16/01/2020



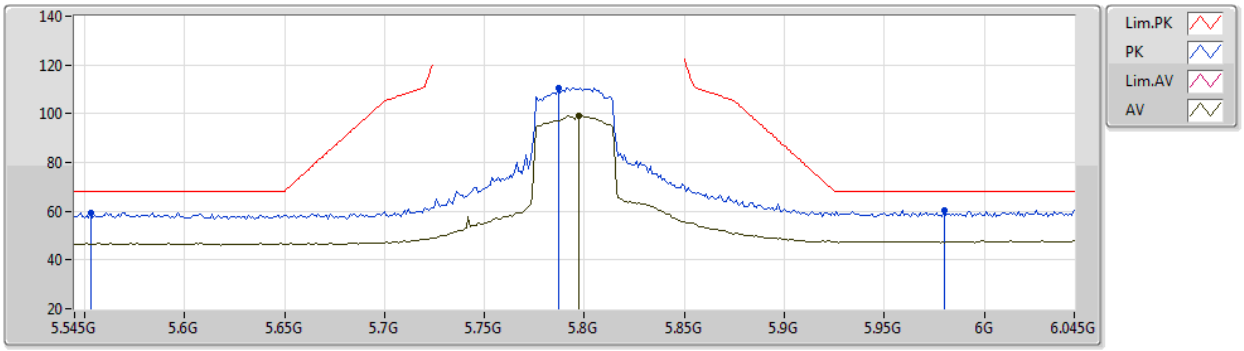
EUT Y_4TX
Setting 29
03-C-B-2-13

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	5.62G	60.74	68.20	-7.46	57.18	3	Vertical	98	1.82	-	31.64	6.89	34.97
PK	5.791G	125.64	Inf	-Inf	121.61	3	Vertical	98	1.82	-	32.16	6.80	34.93
AV	5.781G	112.96	Inf	-Inf	108.96	3	Vertical	98	1.82	-	32.12	6.81	34.93
PK	5.925G	63.49	68.20	-4.71	59.17	3	Vertical	98	1.82	-	32.35	6.86	34.89

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

16/01/2020



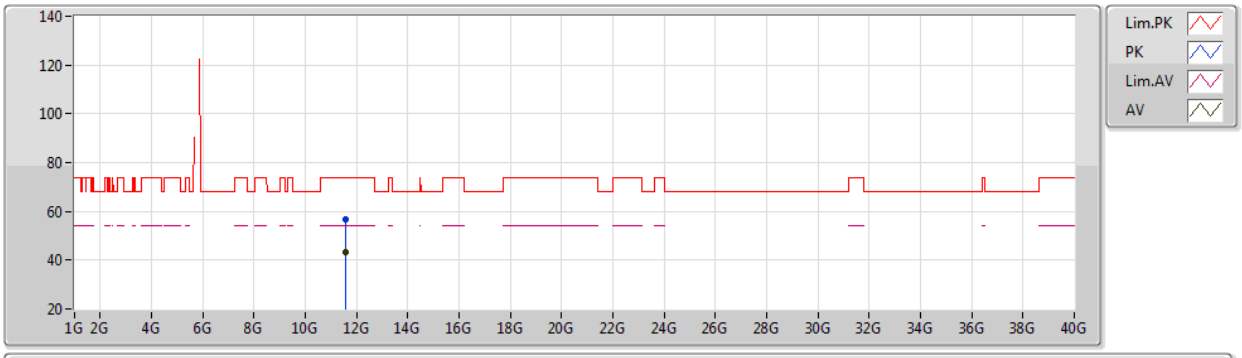
EUT Y_4TX
Setting 29
03-C-B-2-13

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	5.553G	59.28	68.20	-8.92	55.79	3	Horizontal	80	1.80	-	31.65	6.83	34.99
PK	5.787G	110.62	Inf	-Inf	106.59	3	Horizontal	80	1.80	-	32.15	6.81	34.93
AV	5.797G	99.20	Inf	-Inf	95.14	3	Horizontal	80	1.80	-	32.19	6.80	34.93
PK	5.98G	60.13	68.20	-8.07	55.66	3	Horizontal	80	1.80	-	32.46	6.89	34.88

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

16/01/2020



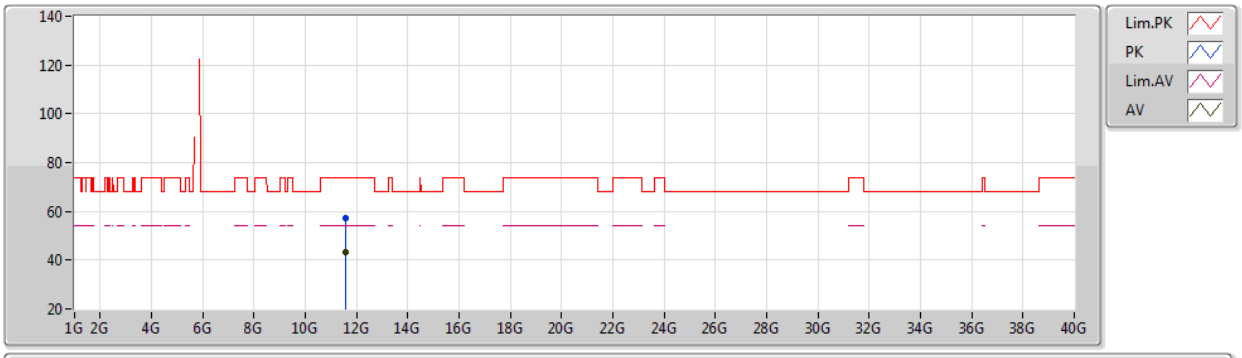
EUT Y_4TX
Setting 29
03-C-B-2

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	11.59122G	56.57	74.00	-17.43	41.99	3	Vertical	119	2.13	-	39.58	9.70	34.70
AV	11.58781G	43.29	54.00	-10.71	28.71	3	Vertical	119	2.13	-	39.58	9.70	34.70

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5795MHz_TX

16/01/2020



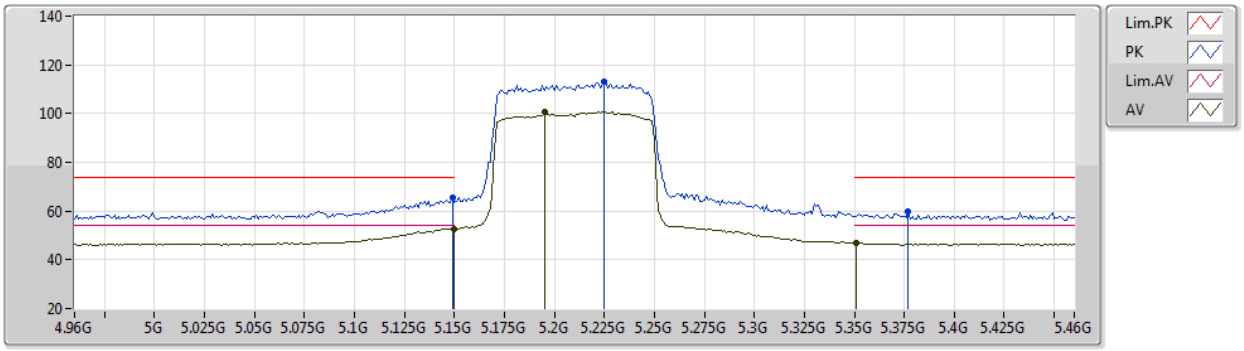
EUT Y_4TX
Setting 29
03-C-B-2

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	11.58914G	57.31	74.00	-16.69	42.73	3	Horizontal	28	2.36	-	39.58	9.70	34.70
AV	11.59133G	43.32	54.00	-10.68	28.74	3	Horizontal	28	2.36	-	39.58	9.70	34.70

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

16/01/2020



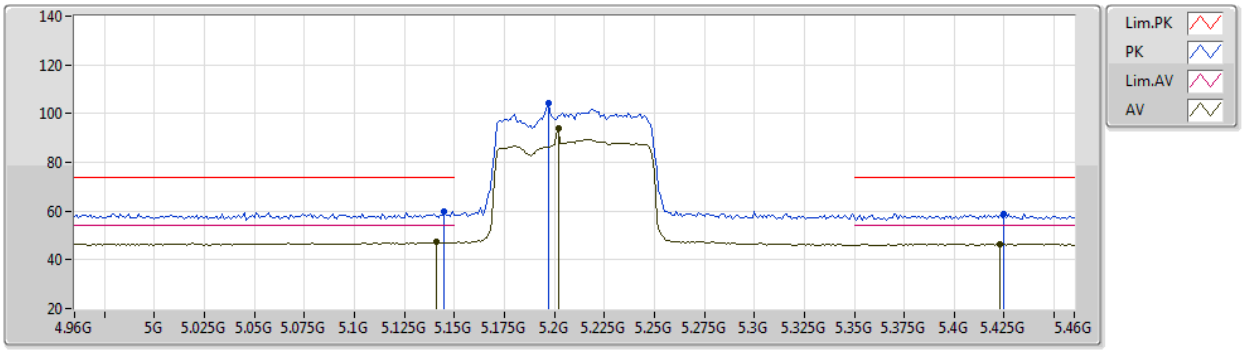
EUT Y_2TX
Setting 23
03-C-B-2-13

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	65.44	74.00	-8.56	61.90	3	Vertical	41	2.02	-	31.70	6.61	34.77
AV	5.15G	52.84	54.00	-1.16	49.30	3	Vertical	41	2.02	-	31.70	6.61	34.77
PK	5.225G	113.36	Inf	-Inf	109.97	3	Vertical	41	2.02	-	31.53	6.69	34.83
AV	5.195G	100.88	Inf	-Inf	97.39	3	Vertical	41	2.02	-	31.61	6.69	34.81
PK	5.377G	59.91	74.00	-14.09	56.70	3	Vertical	41	2.02	-	31.53	6.61	34.93
AV	5.351G	47.14	54.00	-6.86	43.99	3	Vertical	41	2.02	-	31.45	6.62	34.92

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

16/01/2020



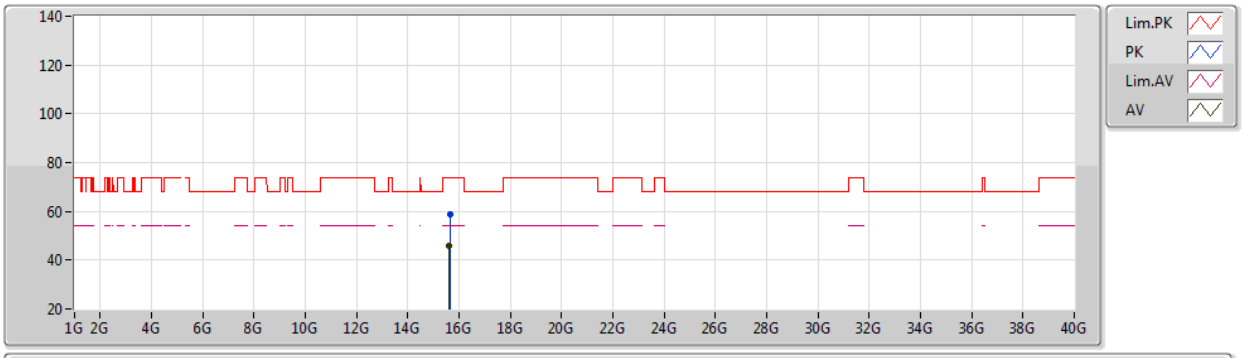
EUT Y_2TX
Setting 23
03-C-B-2-13

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	5.145G	59.94	74.00	-14.06	56.40	3	Horizontal	292	2.10	-	31.71	6.60	34.77
AV	5.141G	47.19	54.00	-6.81	43.65	3	Horizontal	292	2.10	-	31.72	6.59	34.77
PK	5.197G	104.17	Inf	-Inf	100.68	3	Horizontal	292	2.10	-	31.61	6.69	34.81
AV	5.202G	93.84	Inf	-Inf	90.36	3	Horizontal	292	2.10	-	31.59	6.70	34.81
PK	5.425G	58.91	74.00	-15.09	55.62	3	Horizontal	292	2.10	-	31.62	6.64	34.97
AV	5.423G	46.61	54.00	-7.39	43.31	3	Horizontal	292	2.10	-	31.62	6.64	34.96

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

16/01/2020



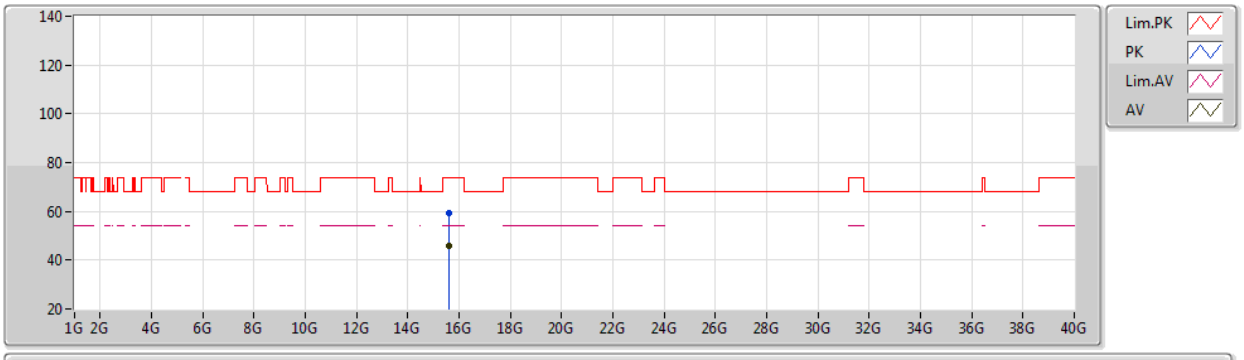
EUT Y_2TX
Setting 23
03-C-B-2

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	15.63178G	58.68	74.00	-15.32	44.67	3	Vertical	330	2.52	-	38.56	10.35	34.90
AV	15.62766G	45.70	54.00	-8.30	31.66	3	Vertical	330	2.52	-	38.58	10.35	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

16/01/2020



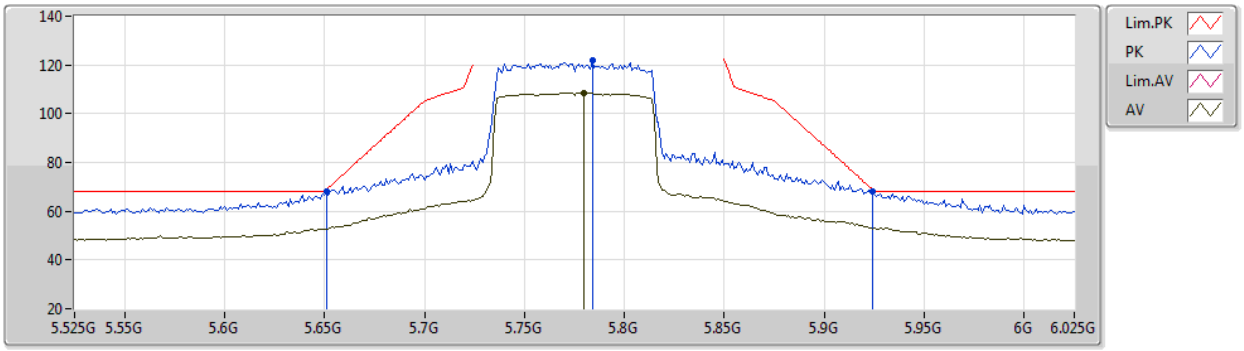
EUT Y_2TX
Setting 23
03-C-B-2

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	15.62977G	59.30	74.00	-14.70	45.28	3	Horizontal	246	2.76	-	38.57	10.35	34.90
AV	15.62814G	45.76	54.00	-8.24	31.72	3	Horizontal	246	2.76	-	38.58	10.35	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

16/01/2020



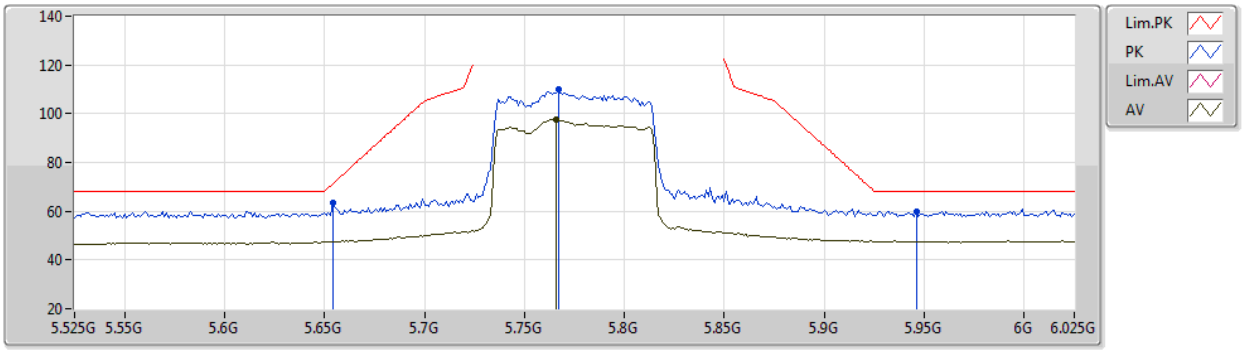
EUT Y_4TX
Setting 27
03-C-B-2-13

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	5.651G	68.09	68.94	-0.85	64.48	3	Vertical	92	1.44	-	31.70	6.87	34.96
PK	5.784G	121.95	Inf	-Inf	117.93	3	Vertical	92	1.44	-	32.14	6.81	34.93
AV	5.78G	108.43	Inf	-Inf	104.43	3	Vertical	92	1.44	-	32.12	6.81	34.93
PK	5.924G	67.93	68.94	-1.01	63.61	3	Vertical	92	1.44	-	32.35	6.86	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

16/01/2020



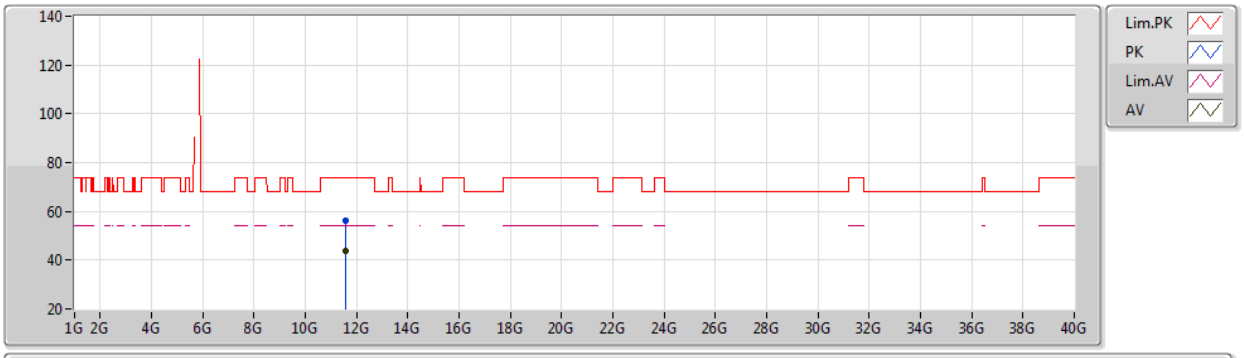
EUT Y_4TX
Setting 27
03-C-B-2-13

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	5.654G	63.31	71.16	-7.85	59.69	3	Horizontal	241	2.18	-	31.71	6.87	34.96
PK	5.767G	109.94	Inf	-Inf	105.99	3	Horizontal	241	2.18	-	32.07	6.82	34.94
AV	5.766G	97.49	Inf	-Inf	93.55	3	Horizontal	241	2.18	-	32.06	6.82	34.94
PK	5.946G	59.99	68.20	-8.21	55.62	3	Horizontal	241	2.18	-	32.39	6.87	34.89

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

16/01/2020



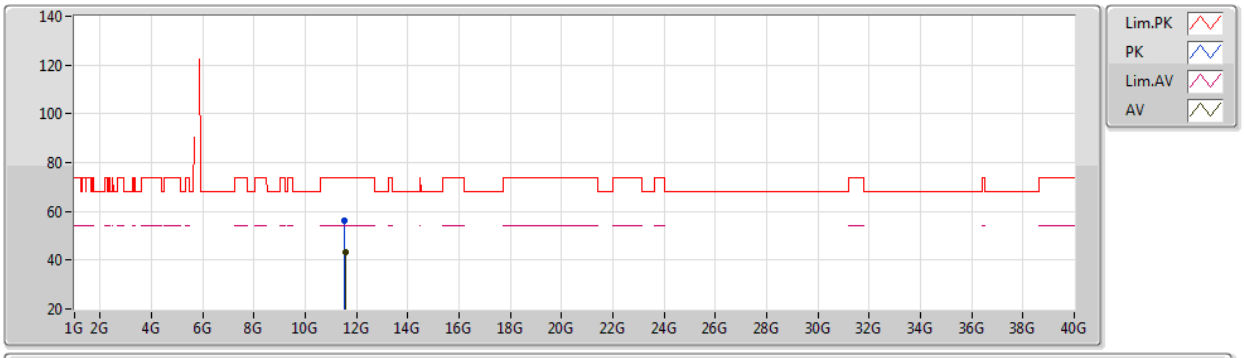
EUT Y_4TX
Setting 27
03-C-B-2

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	11.55155G	56.42	74.00	-17.58	41.77	3	Vertical	59	2.28	-	39.65	9.69	34.69
AV	11.54992G	43.56	54.00	-10.44	28.90	3	Vertical	59	2.28	-	39.66	9.69	34.69

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5775MHz_TX

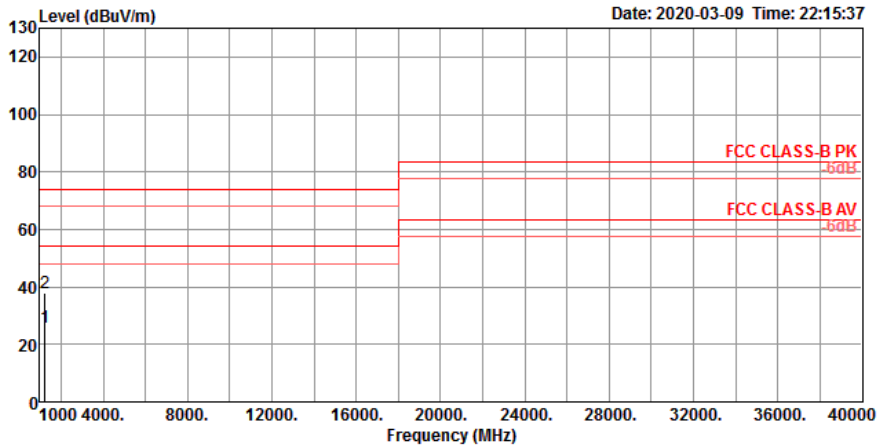
16/01/2020



EUT Y_4TX
Setting 27
03-C-B-2

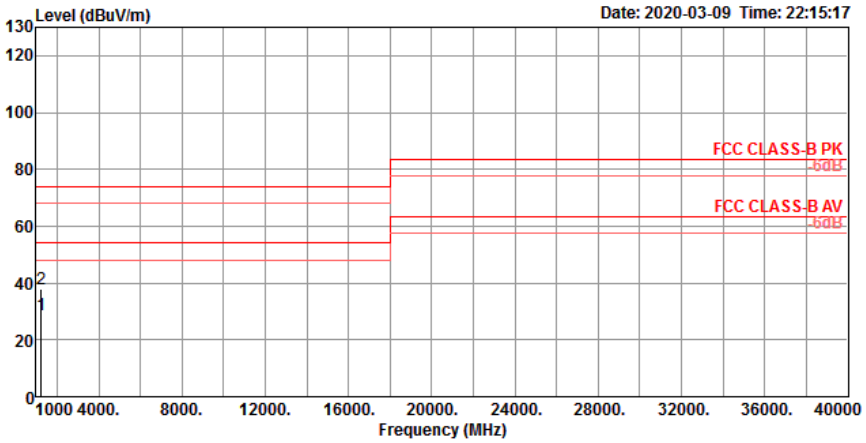
Type	Freq	Level	Limit	Margin	Raw	Dist	Condition	Azimuth	Height	Comment	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dBuV)	(m)		(°)	(m)		(dB)	(dB)	(dB)
PK	11.54918G	56.20	74.00	-17.80	41.54	3	Horizontal	232	1.92	-	39.66	9.69	34.69
AV	11.55042G	43.43	54.00	-10.57	28.78	3	Horizontal	232	1.92	-	39.65	9.69	34.69

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1249.88	26.04	54.00	-27.96	34.29	3.01	25.60	36.86	220	59	Average	HORIZONTAL
2	1249.93	37.81	74.00	-36.19	46.06	3.01	25.60	36.86	220	59	Peak	HORIZONTAL

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



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1250.00	28.92	54.00	-25.08	37.17	3.01	25.60	36.86	125	211	Average	VERTICAL
2	1250.10	37.88	54.00	-16.12	46.13	3.01	25.60	36.86	125	211	Average	VERTICAL