



FCC RADIO TEST REPORT

FCC ID : QXO-AP302W
Equipment : Access Point
Brand Name : Extreme Networks
Model Name : AP302W
Applicant : Extreme Networks, Inc.
6480 Via Del Oro, San Jose, CA 95119
Manufacturer : Extreme Networks, Inc.
6480 Via Del Oro, San Jose, CA 95119
Standard : 47 CFR FCC Part 15.407

The product was received on Sep. 09, 2020, and testing was started from Sep. 10, 2020 and completed on Oct. 30, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.


Approved by: Cliff Chang

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
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TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_1 Ver1.2



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.407(a)	Emission Bandwidth	PASS	-
3.3	15.407(a)	Maximum Conducted Output Power	PASS	-
3.4	15.407(a)	Peak Power Spectral Density	PASS	-
3.5	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and Explanations:

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

Reviewed by: Sam Chen

Report Producer: Viola Huang



1 General Description

1.1 Information

1.1.1 RF General Information

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

For Dual Band Radio and 5G Radio

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	1, 2
5.15-5.25GHz	802.11n HT20	20	1, 2
5.15-5.25GHz	802.11n HT20-BF	20	2
5.15-5.25GHz	802.11ac VHT20	20	1, 2
5.15-5.25GHz	802.11ac VHT20-BF	20	2
5.15-5.25GHz	802.11ax HEW20	20	1, 2
5.15-5.25GHz	802.11ax HEW20-BF	20	2
5.15-5.25GHz	802.11n HT40	40	1, 2
5.15-5.25GHz	802.11n HT40-BF	40	2
5.15-5.25GHz	802.11ac VHT40	40	1, 2
5.15-5.25GHz	802.11ac VHT40-BF	40	2
5.15-5.25GHz	802.11ax HEW40	40	1, 2
5.15-5.25GHz	802.11ax HEW40-BF	40	2
5.15-5.25GHz	802.11ac VHT80	80	1, 2
5.15-5.25GHz	802.11ac VHT80-BF	80	2
5.15-5.25GHz	802.11ax HEW80	80	1, 2
5.15-5.25GHz	802.11ax HEW80-BF	80	2
5.725-5.85GHz	802.11a	20	1, 2
5.725-5.85GHz	802.11n HT20	20	1, 2
5.725-5.85GHz	802.11n HT20-BF	20	2
5.725-5.85GHz	802.11ac VHT20	20	1, 2
5.725-5.85GHz	802.11ac VHT20-BF	20	2
5.725-5.85GHz	802.11ax HEW20	20	1, 2
5.725-5.85GHz	802.11ax HEW20-BF	20	2
5.725-5.85GHz	802.11n HT40	40	1, 2



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11n HT40-BF	40	2
5.725-5.85GHz	802.11ac VHT40	40	1, 2
5.725-5.85GHz	802.11ac VHT40-BF	40	2
5.725-5.85GHz	802.11ax HEW40	40	1, 2
5.725-5.85GHz	802.11ax HEW40-BF	40	2
5.725-5.85GHz	802.11ac VHT80	80	1, 2
5.725-5.85GHz	802.11ac VHT80-BF	80	2
5.725-5.85GHz	802.11ax HEW80	80	1, 2
5.725-5.85GHz	802.11ax HEW80-BF	80	2

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.



1.1.2 Antenna Information

Set.	Ant.	2.4G Port	5G Port	Bluetooth & IEEE802.15.4 (Zigbee/Thread) Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	1	1	-	WNC	XKAN-N04	Printed Antenna	I-PEX	Note1
	2	2	2	-	WNC	XKAN-N04	Printed Antenna	I-PEX	
	3	-	2	1	WNC	XKAN-N04	Printed Antenna	I-PEX	
	4	-	1	-	WNC	XKAN-N04	Printed Antenna	I-PEX	

Note1:

Set.	Ant.	2.4G Port	5G Port	Bluetooth & IEEE802.15.4 (Zigbee/Thread) Port	Gain (dBi)		
					2.4GHz	5GHz	Bluetooth & IEEE802.15.4 (Zigbee/Thread)
1	1	1	1	-	4.5	6.0	-
	2	2	2	-	4.5	6.0	-
	3	-	2	1	-	6.6	4.8
	4	-	1	-	-	6.6	-

Note2: The above information was declared by manufacturer.

Dual Band Radio**<For 2.4GHz Band>****For IEEE 802.11b/g/n/VHT/ax mode (1TX/2RX):**

The EUT supports 1TX/2RX function, and it supports TX diversity function.

Both Port 1 and Port 2 could be used as transmitting antenna, but only one of them will be used at one time. Port 1 and Port 2 could receive simultaneously.

For TX function: Port 1 generated the worst case than Port 2, so it is tested and recorded in the report.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz Band>**For IEEE 802.11a/n/ac/ax mode (1TX/2RX):**

The EUT supports 1TX/2RX function, and it supports TX diversity function.

Both Port 1 and Port 2 could be used as transmitting antenna, but only one of them will be used at one time. Port 1 and Port 2 could receive simultaneously.

For TX function: Port 1 generated the worst case than Port 2, so it is tested and recorded in the report.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

5G Radio**<For 5GHz Band>****For IEEE 802.11a/n/ac/ax mode (1TX/2RX):**

The EUT supports 1TX/2RX function, and it supports TX diversity function.

Both Port 1 and Port 2 could be used as transmitting antenna, but only one of them will be used at one time. Port 1 and Port 2 could receive simultaneously.

For TX function: Port 2 generated the worst case than Port 1, so it is tested and recorded in the report.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

BLE/IEEE802.15.4 (Zigbee/Thread) Radio**For Bluetooth & IEEE802.15.4 (Zigbee/Thread) mode (1TX/1RX):**

Only Port 1 can be used as transmitting/receiving antenna.

**1.1.3 Mode Test Duty Cycle****For Dual Band Radio****For non beamforming mode 1TX**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.947	0.24	2.065m	1k
802.11ax HEW20	0.979	0.09	1.489m	1k
802.11ax HEW40	0.964	0.16	781.25u	3k
802.11ax HEW80	0.928	0.32	415u	3k

2TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.947	0.24	2.066m	1k
802.11ax HEW20	0.982	0.08	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40	0.961	0.17	781.25u	3k
802.11ax HEW80	0.928	0.32	415u	3k

For beamforming mode 2TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11ax HEW20-BF	0.865	0.63	1.654m	1k
802.11ax HEW40-BF	0.849	0.71	2.936m	1k
802.11ax HEW80-BF	0.901	0.45	4.856m	300

For 5G Radio**For non beamforming mode 1TX**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.947	0.24	2.065m	1k
802.11ax HEW20	0.982	0.08	n/a (DC $\geq$ 0.98)	n/a (DC $\geq$ 0.98)
802.11ax HEW40	0.961	0.17	781.25u	3k
802.11ax HEW80	0.929	0.32	415u	3k

2TX

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.947	0.24	2.065m	1k
802.11ax HEW20	0.979	0.09	1.489m	1k
802.11ax HEW40	0.964	0.16	781.25u	3k
802.11ax HEW80	0.929	0.32	415u	3k

**For beamforming mode 2TX**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11ax HEW20-BF	0.903	0.44	1.499m	1k
802.11ax HEW40-BF	0.912	0.4	2.933m	1k
802.11ax HEW80-BF	0.928	0.32	5.205m	300

Note:

- ♦ DC is Duty Cycle.
- ♦ DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	accessMTool_3.1.0.3			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Support Function

Radio	Function		
	WLAN 2.4GHz	WLAN 5GHz	Bluetooth & IEEE802.15.4 (Zigbee/Thread)
Dual Band Radio	V	V	-
5G Radio	-	V	-
BLE/IEEE802.15.4 (Zigbee/Thread) Radio	-	-	V

Function	Support Type	Support Band
AP	Master	WLAN 2.4GHz/Bluetooth/IEEE802.15.4(Zigbee/Thread)/WLAN 5GHz Band 1~4
Bridge	Master	WLAN 2.4GHz/Bluetooth/IEEE802.15.4(Zigbee/Thread)/WLAN 5GHz Band 1+4
Mesh	Master	WLAN 2.4GHz/Bluetooth/IEEE802.15.4(Zigbee/Thread)/WLAN 5GHz Band 1+4

Note:

1. The above information was declared by manufacturer.
2. The EUT has three functions which are AP, Bridge, and Mesh mode, only the AP mode was tested and recorded in this test report.



1.2 Applicable Standards

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

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

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH02-CB	Owen Hsu	23.2~23.8°C / 54~58%	Oct. 05, 2020 ~ Oct. 19, 2020
Radiated below 1GHz	03CH05-CB	Brian Sun	23.1~23.6°C / 54~58%	Sep. 25, 2020
Radiated above 1GHz (For non beamforming mode)	03CH02-CB	Paul Chen	23.4~25.6°C / 54~57% 24~26.1°C / 54~58%	Sep. 25, 2020 ~ Oct. 15, 2020
	03CH04-CB		24.5~25.9°C / 53~55%	
Radiated above 1GHz (For beamforming mode)	03CH02-CB		23.4~25.6°C / 54~57%	
Radiated above 1GHz (For co-location)	03CH05-CB	Brian Sun	23.1~23.6°C / 54~58%	Sep. 25, 2020
	03CH06-CB		23.4~24.1°C / 54~57%	Oct. 30, 2020
AC Conduction	CO02-CB	Wei Li	24~25°C / 56~59%	Sep. 10, 2020 ~ Sep. 28, 2020

Test site Designation No. TW0006 with FCC

Test site registered number IC 4086D with Industry Canada.



1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	5.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.9 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.6 dB	Confidence levels of 95%
Conducted Emission	2.8 dB	Confidence levels of 95%
Output Power Measurement	1.4 dB	Confidence levels of 95%
Power Density Measurement	2.8 dB	Confidence levels of 95%
Bandwidth Measurement	0.39%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Dual Band Radio

For non beamforming mode 1TX

Mode	Power Setting	PowerSetting (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-
5180MHz	71	17.75
5200MHz	86	21.5
5240MHz	77	19.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-
5180MHz	68	17
5200MHz	82	20.5
5240MHz	75	18.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-
5190MHz	59	14.75
5230MHz	77	19.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-
5210MHz	61	15.25

2TX

Mode	Power Setting	PowerSetting (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-
5180MHz	68	17
5200MHz	82	20.5
5240MHz	76	19
5745MHz	88	22
5785MHz	88	22
5825MHz	88	22
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-
5180MHz	63	15.75
5200MHz	79	19.75
5240MHz	76	19
5745MHz	87	21.75
5785MHz	88	22
5825MHz	88	22
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-
5190MHz	61	15.25
5230MHz	74	18.5
5755MHz	79	19.75
5795MHz	86	21.5



Mode	Power Setting	PowerSetting (dBm)
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-
5210MHz	61	15.25
5775MHz	69	17.25

For beamforming mode 2TX

Mode	Power Setting	PowerSetting (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-
5180MHz	70	17.5
5200MHz	83	20.75
5240MHz	74	18.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-
5190MHz	58	14.5
5230MHz	75	18.75
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-
5210MHz	62	15.5

**For 5G Radio
For non beamforming mode 1TX**

Mode	Power Setting	PowerSetting (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-
5180MHz	72	18
5200MHz	85	21.25
5240MHz	79	19.75
5745MHz	88	22
5785MHz	89	22.25
5825MHz	89	22.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-
5180MHz	69	17.25
5200MHz	82	20.5
5240MHz	78	19.5
5745MHz	88	22
5785MHz	89	22.25
5825MHz	89	22.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-
5190MHz	61	15.25
5230MHz	78	19.5
5755MHz	82	20.5
5795MHz	88	22
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-
5210MHz	63	15.75
5775MHz	72	18

2TX

Mode	Power Setting	PowerSetting (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-
5180MHz	71	17.75
5200MHz	83	20.75
5240MHz	77	19.25
5745MHz	88	22
5785MHz	89	22.25
5825MHz	89	22.25
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-
5180MHz	67	16.75
5200MHz	80	20
5240MHz	76	19
5745MHz	87	21.75
5785MHz	88	22



Mode	Power Setting	PowerSetting (dBm)
5825MHz	88	22
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-
5190MHz	60	15
5230MHz	75	18.75
5755MHz	81	20.25
5795MHz	86	21.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-
5210MHz	61	15.25
5775MHz	70	17.5

For beamforming mode 2TX

Mode	Power Setting	PowerSetting (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-
5180MHz	65	16.25
5200MHz	80	20
5240MHz	76	19
5745MHz	87	21.75
5785MHz	87	21.75
5825MHz	87	21.75
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-
5190MHz	59	14.75
5230MHz	75	18.75
5755MHz	81	20.25
5795MHz	86	21.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-
5210MHz	61	15.25
5775MHz	65	16.25

Note:

- ♦ There are two modes for the EUT, one is beamforming mode, and the other is Non-beamforming mode. The EUT supports beamforming function in n/VHT/ax for 2.4GHz and n/ac/ax for 5GHz. Both modes have been test and record in this test report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth + Adapter
2	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth + PoE Out + PoE
3	Dual Band Radio with 5GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth + Adapter
4	Dual Band Radio with 5GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth + PoE Out + PoE
5	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4 + Adapter
6	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4 + PoE Out + PoE
7	Dual Band Radio with 5GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4 + Adapter
8	Dual Band Radio with 5GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4 + PoE Out + PoE
For operating mode 5 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



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	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth + Adapter
2	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth + PoE Out + PoE
Mode 1 has been evaluated to be the worst case among Mode 1~2, thus measurement for Mode 3~5 will follow this same test mode.	
3	Dual Band Radio with 5GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth + Adapter
4	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4 + Adapter
5	Dual Band Radio with 5GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4 + Adapter
For operating mode 5 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	Dual Band Radio with 5GHz function
2	5G Radio

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	5G Radio with 5GHz function + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth
2	5G Radio with 5GHz function + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4
For operating mode 1 is the worst case and it was record in this test report.	
Refer to Appendix F for Radiated Emission Co-location.	



The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth
2	Dual Band Radio with 5GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with Bluetooth
3	Dual Band Radio with 2.4GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4
4	Dual Band Radio with 5GHz function + 5G Radio + BLE/IEEE802.15.4 (Zigbee/Thread) Radio with IEEE802.15.4
Refer to Sporton Test Report No.: FA091507 for Co-location RF Exposure Evaluation.	

Note1: The EUT only used at Y axis position.

Note2: The PoE is for measurement only, would not be marketed.

The detail information as below:

Power	Brand	Model
Adapter	powertron electronics corp.	PA1024-120IB200
PoE	Microsemi	PD-9001GR/AT/AC

Note3: The USB port was performed at the load as applicant requirement.

Note4: Operation mode as following:

Radio Mode	Dual Band Radio	5G Radio
Mode 1	2.4GHz 1TX: Support TX diversity 2TX: Support non-BF/TXBF	5GHz Band 1/4 1TX: Support TX diversity 2TX: Support non-BF/TXBF
Mode 2	2.4GHz 1TX: Support TX diversity 2TX: Support non-BF/TXBF 5GHz Band 1/4 2TX: Support non-BF	5GHz Band 1/4 1TX: Support TX diversity 2TX: Support non-BF/TXBF
Mode 3	5GHz Band 1 1TX: Support TX diversity 2TX: Support non-BF/TXBF	5GHz Band 4 1TX: Support TX diversity 2TX: Support non-BF/TXBF

After evaluating, the test mode has been selected as following:

Dual Band Radio:

2.4GHz: 1TX, 2TX non-BF, 2TX BF

5GHz Band 1: 1TX, 2TX non-BF, 2TX BF

5GHz Band 4: 2TX non-BF

5G Radio:

5GHz Band 1: 1TX, 2TX non-BF, 2TX BF

5GHz Band 4: 1TX, 2TX non-BF, 2TX BF



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by WLAN AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

Others
RJ-45 cable*1, non-shielded, 0.1m
Bracket*1



2.5 Support Equipment

For AC Conduction:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	ETH1/PoE Out NB	DELL	E6430	N/A
B	PASS THRU NB	DELL	E6430	N/A
C	2.4G/5G-R1 NB	DELL	E6430	N/A
D	5G-R2 NB	DELL	E6430	N/A
E	ETH2 NB	DELL	E6430	N/A
F	Flash disk	Kingston	DTSE9H	N/A
G	Adapter	powertron electronics corp.	PA1024-120IB200	N/A

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Notebook	DELL	E4300	N/A
D	Notebook	DELL	E4300	N/A
E	Notebook	DELL	E4300	N/A
F	Flash disk	Kingston	DTSE9H	N/A
G	PoE	Microsemi	PD-9001GR/AT/AC	N/A
H	PoE LOAD	WNC	RLLL-M1	N/A
I	Adapter	powertron electronics corp.	PA1024-120IB200	N/A



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

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Adapter	powertron electronics corp.	PA1024-120IB200	N/A

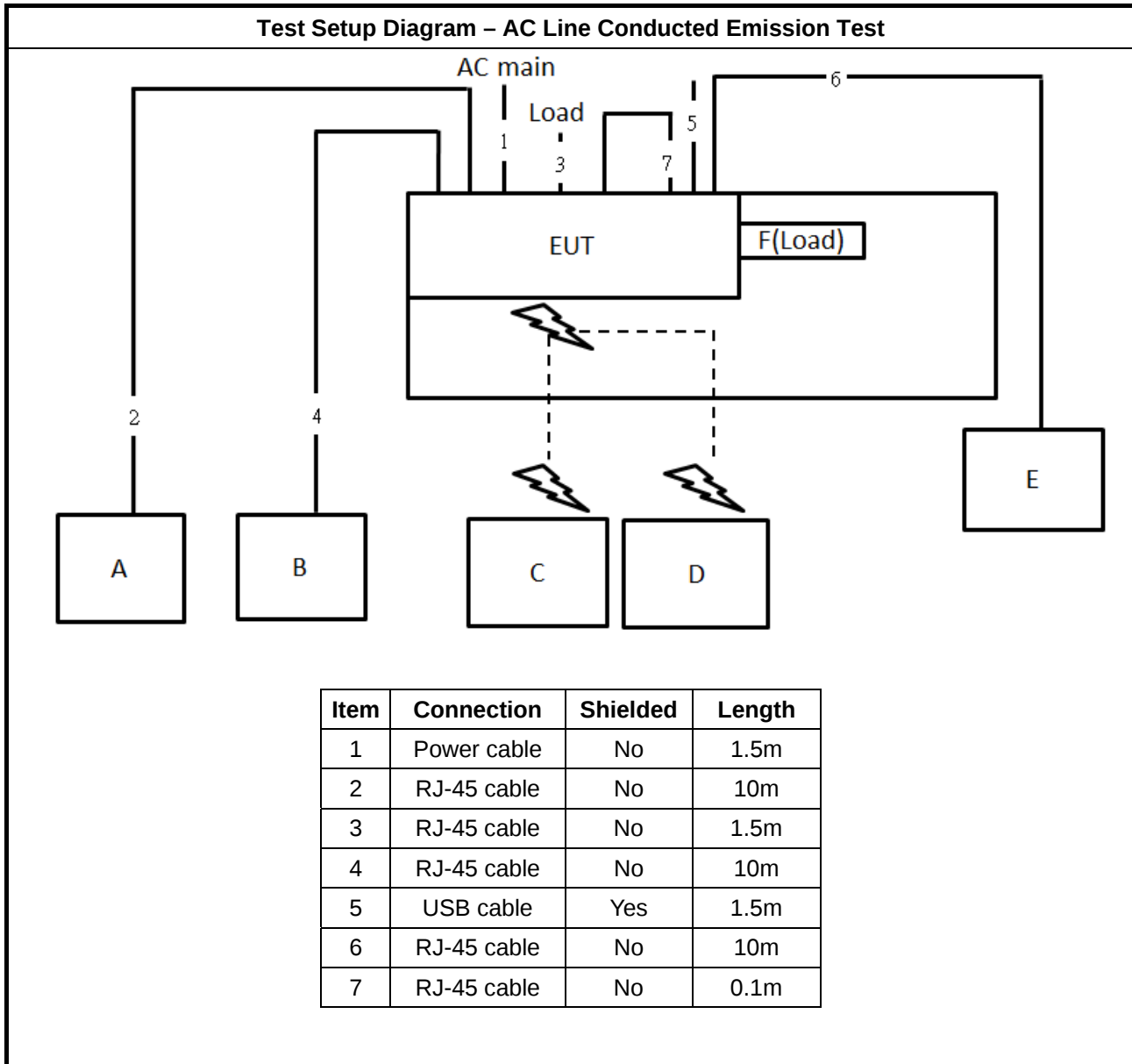
For beamforming mode

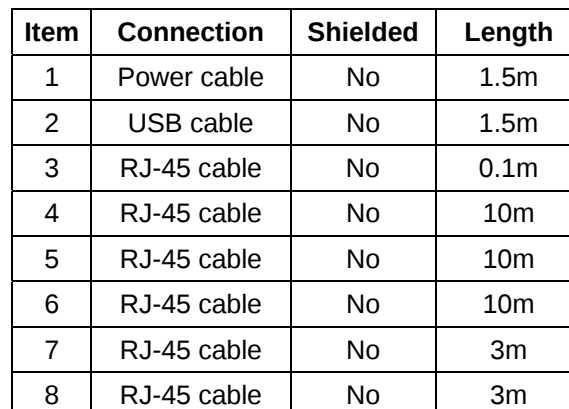
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN AP	Extreme Networks	AP302W	N/A
D	Adapter	powertron electronics corp.	PA1024-120IB200	N/A

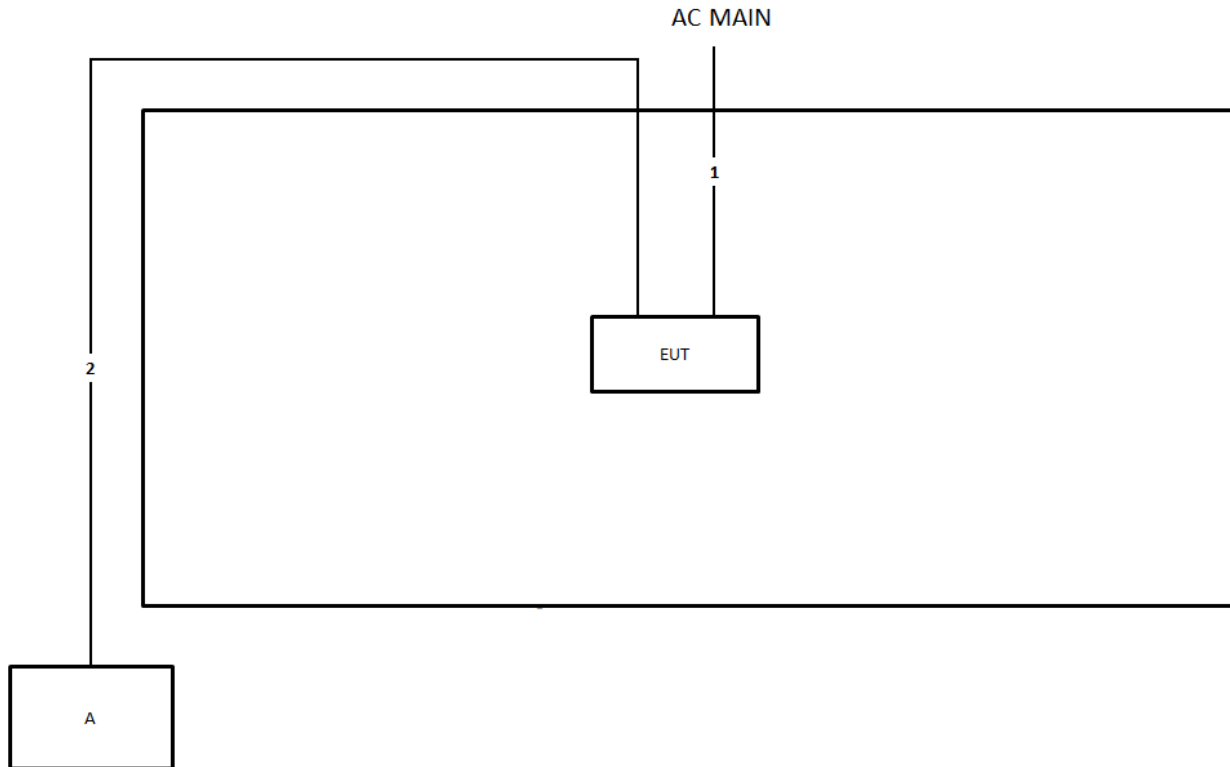
For RF Conducted:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Adapter	powertron electronics corp.	PA1024-120IB200	N/A

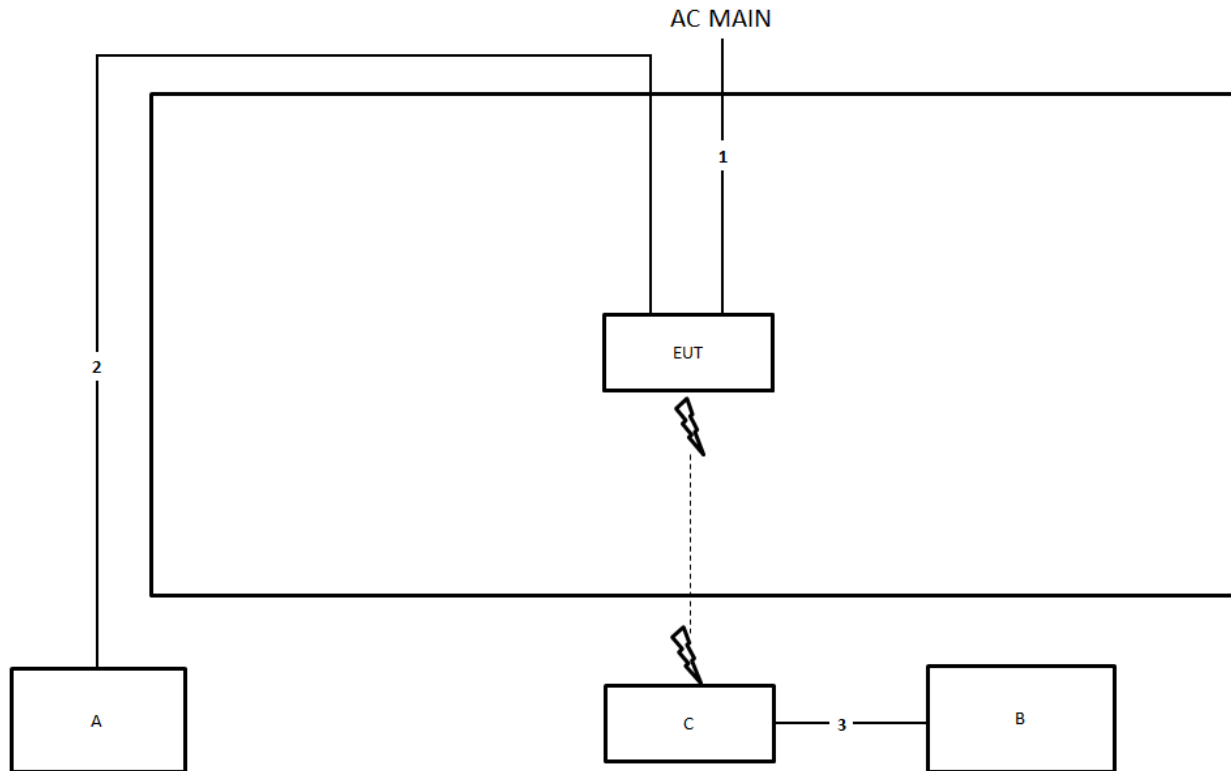
2.6 Test Setup Diagram





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.

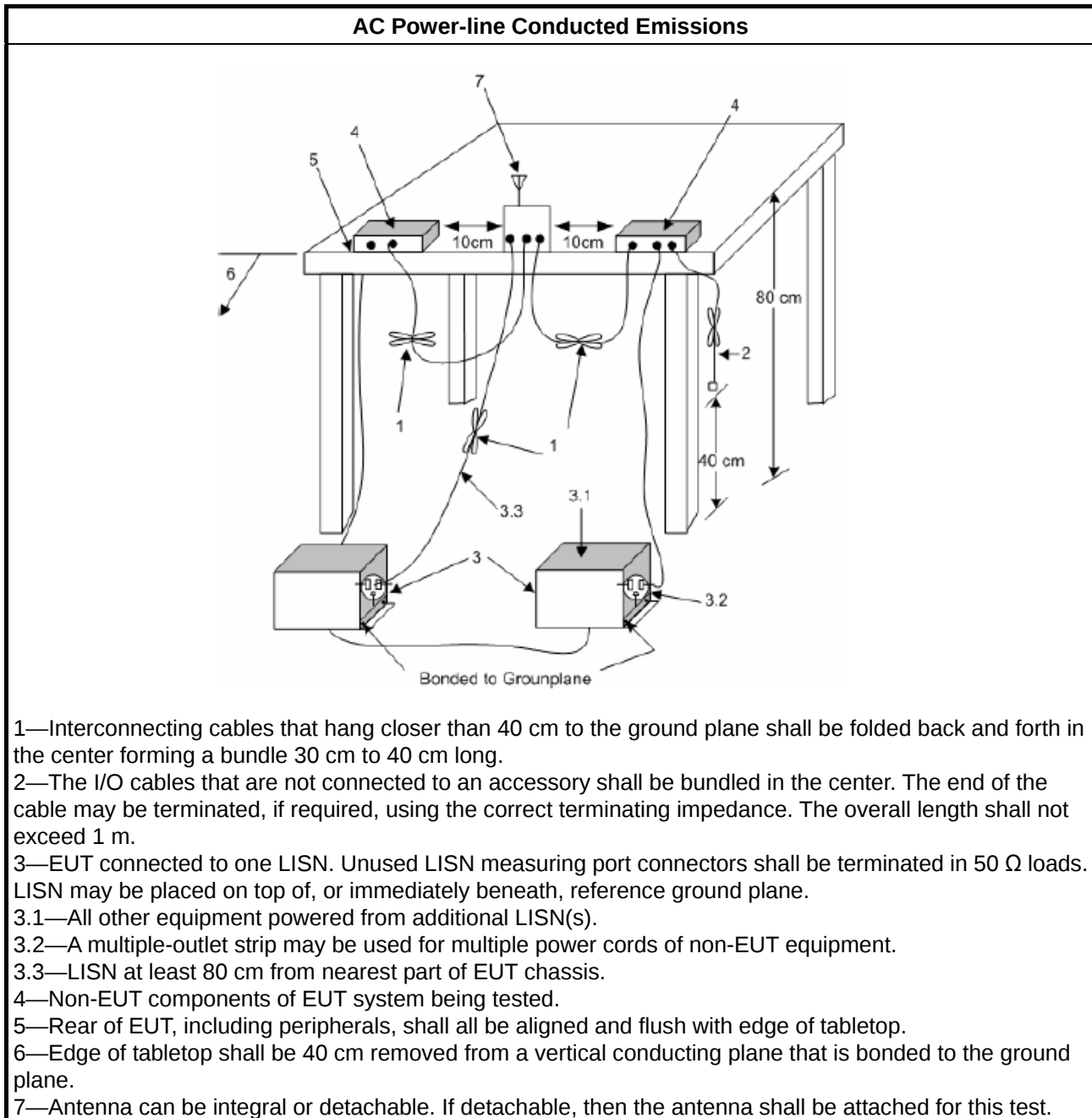
3.1.2 Measuring Instruments

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



3.1.5 Measurement Results Calculation

The measured Level is calculated using:

- Corrected Reading: LISN Factor (LISN) + Attenuator (AT/AUX) + Cable Loss (CL) + Read Level (Raw) = Level
- Margin = -Limit + Level

3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☐	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, 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 $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.725-5.85 GHz band, 6 dB emission bandwidth $\geq 500\text{kHz}$.
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 $\geq 500\text{kHz}$.

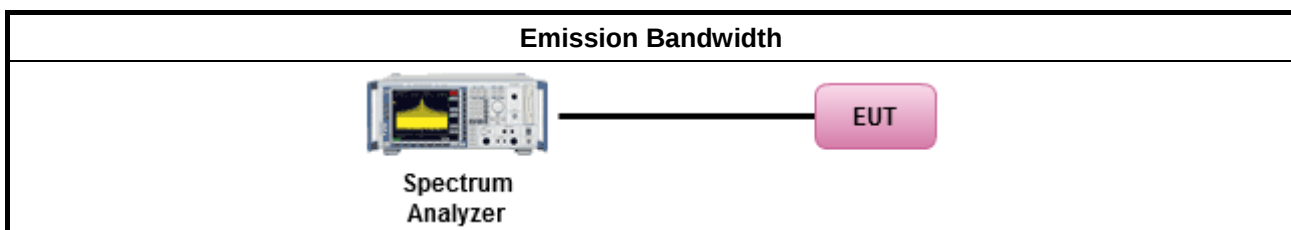
3.2.2 Measuring Instruments

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



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.	

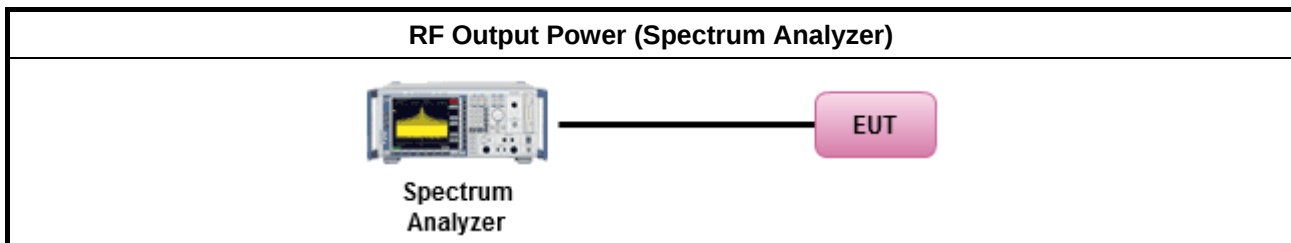
3.3.2 Measuring Instruments

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: $P_{total} = P_1 + P_2 + \dots + P_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = P_{total} + DG$

3.3.4 Test Setup



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 $0^\circ \leq \theta < 8^\circ$; -13 - 0.716 (θ-8) dBW/MHz for $8^\circ \leq \theta < 40^\circ$ -35.9 - 1.22 (θ-40) dBW/MHz for $40^\circ \leq \theta \leq 45^\circ$; -42 dBW/MHz for $\theta > 45^\circ$
☐ 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.	

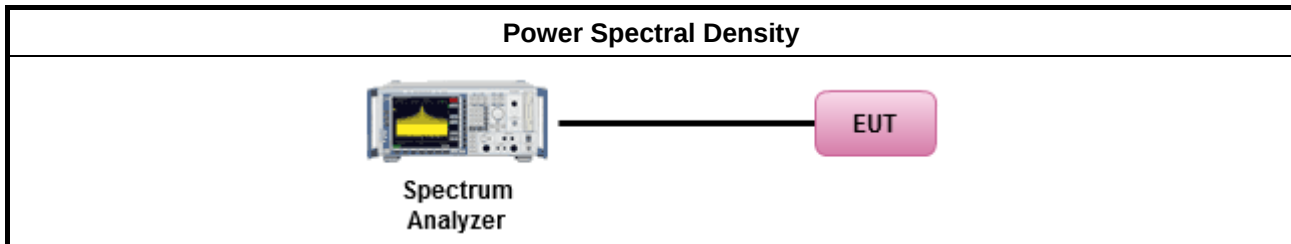
3.4.2 Measuring Instruments

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: $PPSD_{total} = PPSD_1 + PPSD_2 + \dots + PPSD_n$ (calculated in linear unit [mW] and transfer to log unit [dBm]) $EIRP_{total} = PPSD_{total} + DG$	

3.4.4 Test Setup



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).

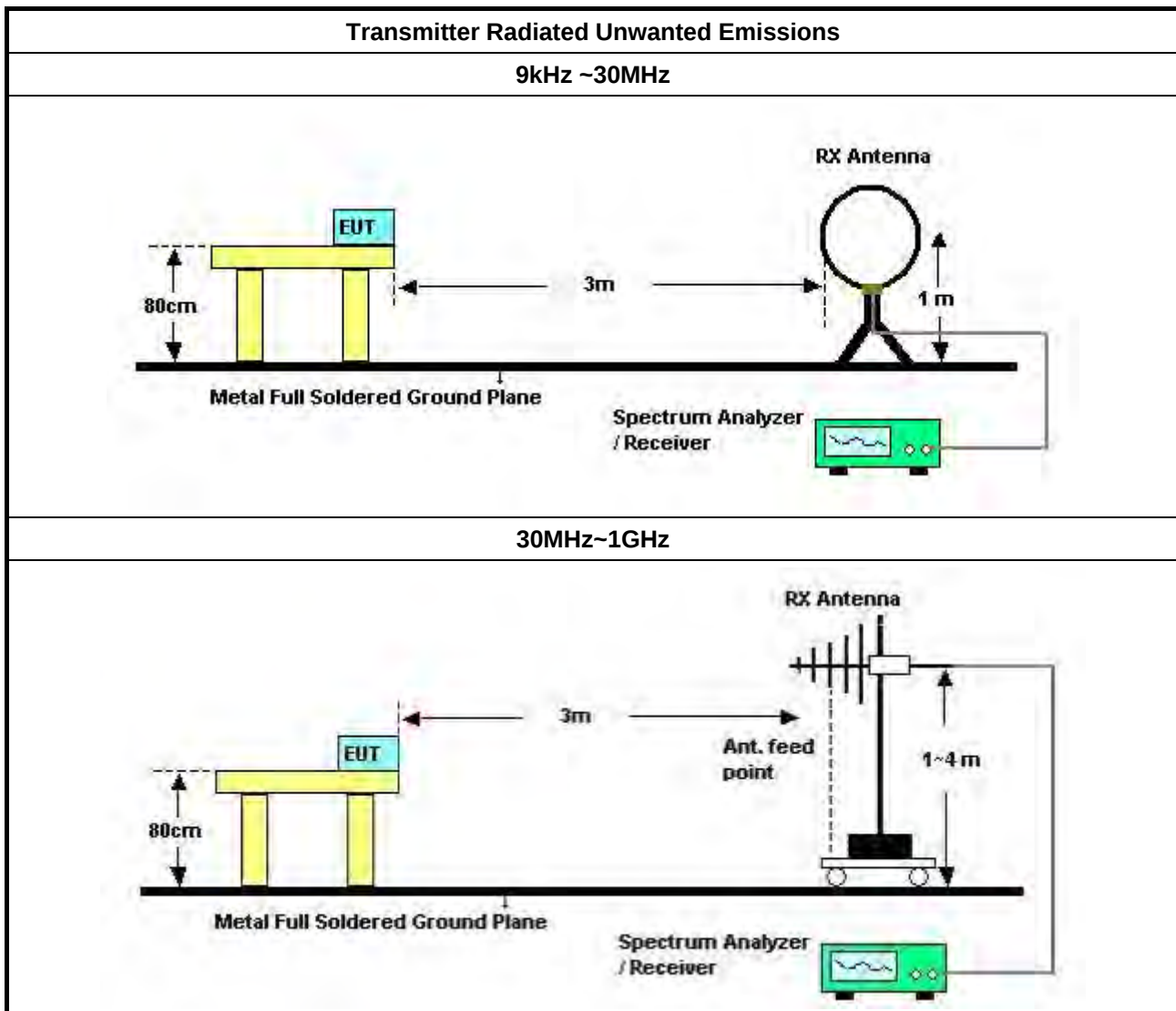
3.5.2 Measuring Instruments

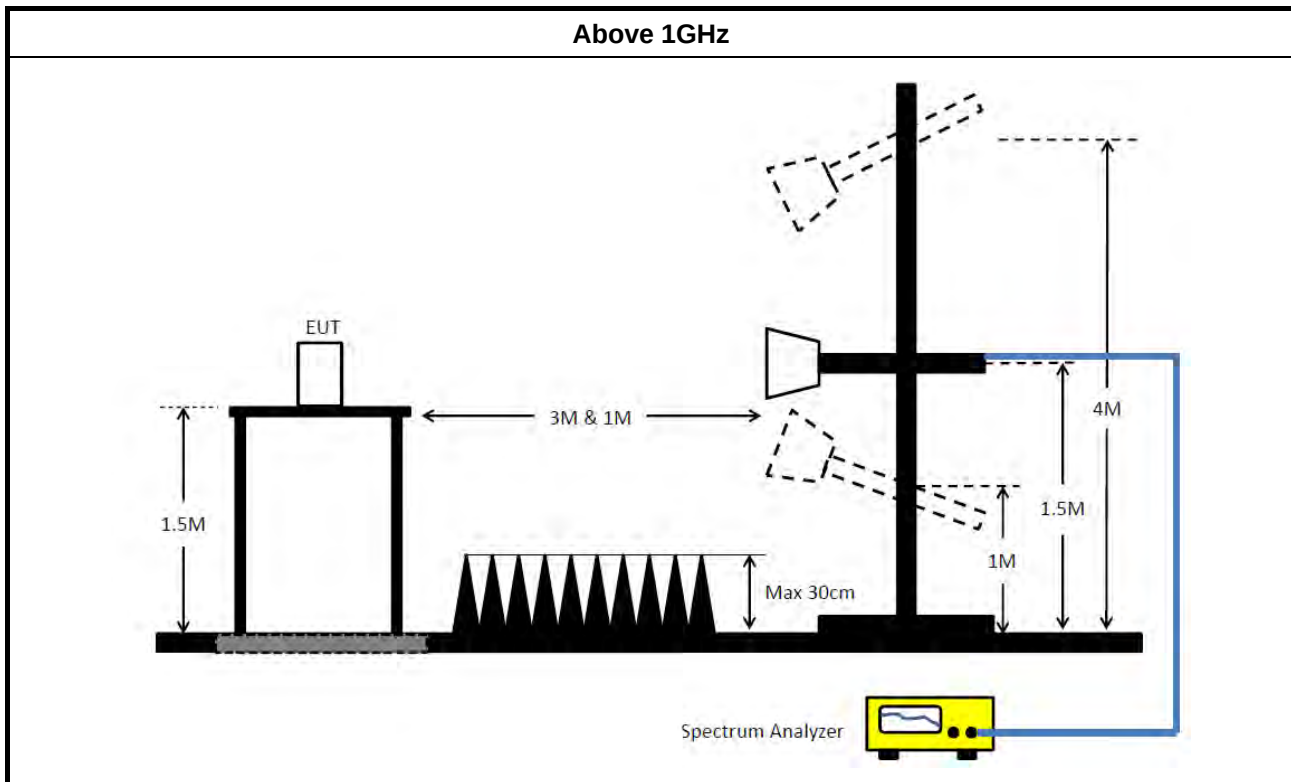
Refer a test equipment and calibration data table in this test report.

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:	
For radiated measurement.	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 $\geq 1/T$, 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.
All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.	☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.
For radiated measurement.	
The any unwanted emissions level shall not exceed the fundamental emission level.	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





3.5.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.5.6 Transmitter Unwanted Emissions (Below 30MHz)

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to KDB414788 Radiated Test Site, and the result came out very similar.

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

The radiated emissions were investigated from 9 kHz or the lowest frequency generated within the device, up to the 10th harmonic or 40 GHz, whichever is appropriate.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 21, 2019	Nov. 20, 2020	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Oct. 30, 2019	Oct. 29, 2020	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Mar. 10, 2020	Mar. 09, 2021	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Oct. 21, 2019	Oct. 20, 2020	Conduction (CO02-CB)
Pulse Limiter	Schwarzbeck	VTSD 9561F-N	00378	9kHz ~ 30MHz	Mar. 19, 2020	Mar. 18, 2021	Conduction (CO02-CB)
Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Apr. 13, 2020	Apr. 12, 2021	Radiation (03CH05-CB)
3m Semi Anechoic Chamber(NSA)	TDK	SAC-3M	03CH05-CB	30 MHz ~ 1 GHz	Aug. 10, 2020	Aug. 09, 2021	Radiation (03CH05-CB)
Site V.S.W.R	TDK	SAC-3M	03CH05-CB	1GHz ~18GHz 3m	Nov. 09, 2019	Nov. 08, 2020	Radiation (03CH05-CB)
Bilog Antenna with 6dB Attenuator	TESEQ & EMCI	CBL 6112D & N-6-06	35236 & AT-N0610	30MHz ~ 2GHz	Mar. 27, 2020	Mar. 26, 2021	Radiation (03CH05-CB)
Horn Antenna	COM-POWER	AH-118	071028	1GHz~18GHz	Jun. 09, 2020	Jun. 08, 2021	Radiation (03CH05-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC330N	980331	20MHz ~ 3GHz	Apr. 28, 2020	Apr. 27, 2021	Radiation (03CH05-CB)
Pre-Amplifier	EMCI	EMC12630SE	980287	1GHz ~ 26.5GHz	Jul. 03, 2020	Jul. 02, 2021	Radiation (03CH05-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH05-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH05-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 13, 2020	May 12, 2021	Radiation (03CH05-CB)
RF Cable-low	Woken	RG402	LOW Cable-04+23	30MHz~1GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-28	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-04+28	1GHz~18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH05-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	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. 16, 2020	Jul. 15, 2021	Radiation (03CH05-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH05-CB)
Site V.S.W.R	RIKEN	SAC-3M	03CH02-CB	1GHz ~18GHz 3m	Mar. 28, 2020	Mar. 27, 2021	Radiation (03CH02-CB)
Horn Antenna	EMCO	3115	9610-4976	1GHz ~ 18GHz	Apr. 21, 2020	Apr. 20, 2021	Radiation (03CH02-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH02-CB)
Pre-Amplifier	Agilent	83017A	MY39501305	1GHz ~ 26.5GHz	Jul. 13, 2020	Jul. 12, 2021	Radiation (03CH02-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH02-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH02-CB)
High Cable	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
High Cable	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-18+19	1GHz ~ 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH02-CB)
Site V.S.W.R	TDK	SAC-3M	03CH04-CB	1GHz ~18GHz 3m	Feb. 26, 2020	Feb. 25, 2021	Radiation (03CH04-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Jul. 14, 2020	Jul. 13, 2021	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Jul. 07, 2020	Jul. 06, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Feb. 01, 2020	Jan. 31, 2021	Radiation (03CH04-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH04-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH04-CB)
Site V.S.W.R	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 03, 2019	Oct. 02, 2020	Radiation (03CH06-CB)
Site V.S.W.R	TDK	SAC-3M	03CH06-CB	1GHz ~18GHz 3m	Oct. 02, 2020	Oct. 01, 2021	Radiation (03CH06-CB)
Horn Antenna	SCHWARZBECK	BBHA9120D	BBHA 9120D-1292	1GHz~18GHz	Jul. 22, 2020	Jul. 21, 2021	Radiation (03CH06-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2020	Jul. 20, 2021	Radiation (03CH06-CB)
Pre-Amplifier	Agilent	83017A	MY53270064	0.5GHz ~ 26.5GHz	May 07, 2020	May 06, 2021	Radiation (03CH06-CB)
Amplifier	-	-	TF-130N-R1	18GHz ~ 40GHz	Jun. 19, 2020	Jun. 18, 2021	Radiation (03CH06-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 21, 2019	Oct. 20, 2020	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	HUBER+SUHNER	RG402	High Cable-05+24	1GHz~18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-05+24	1GHz~18GHz	Oct. 05, 2020	Oct. 04, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 16, 2020	Jul. 15, 2021	Radiation (03CH06-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Aug. 04, 2020	Aug. 03, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Aug. 04, 2020	Aug. 03, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz ~ 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz ~ 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
Test Software	SPORTON	SENSE	V5.10	-	N.C.R.	N.C.R.	Conducted (TH02-CB)

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

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



Conducted Emissions at Powerline

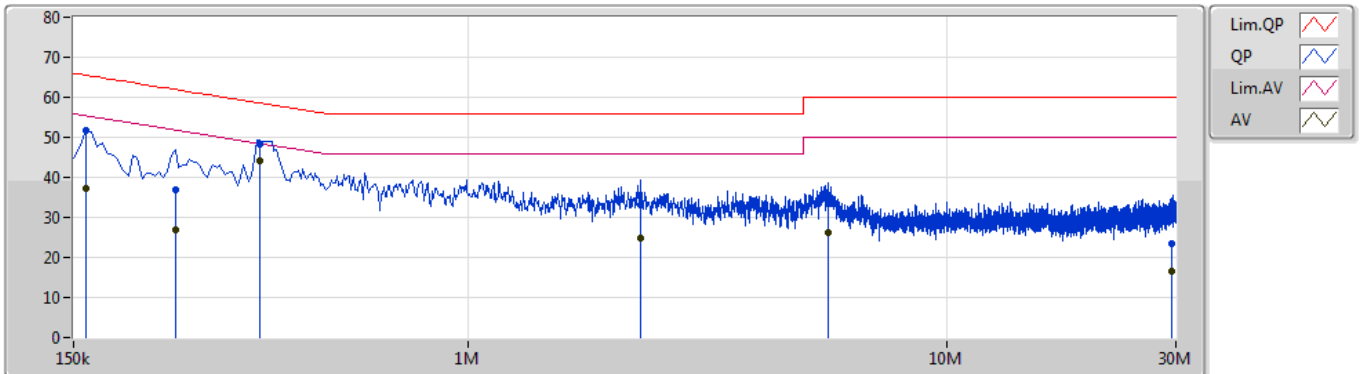
Appendix A

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 5	Pass	AV	366k	44.20	48.60	-4.40	Line

Test Mode 5

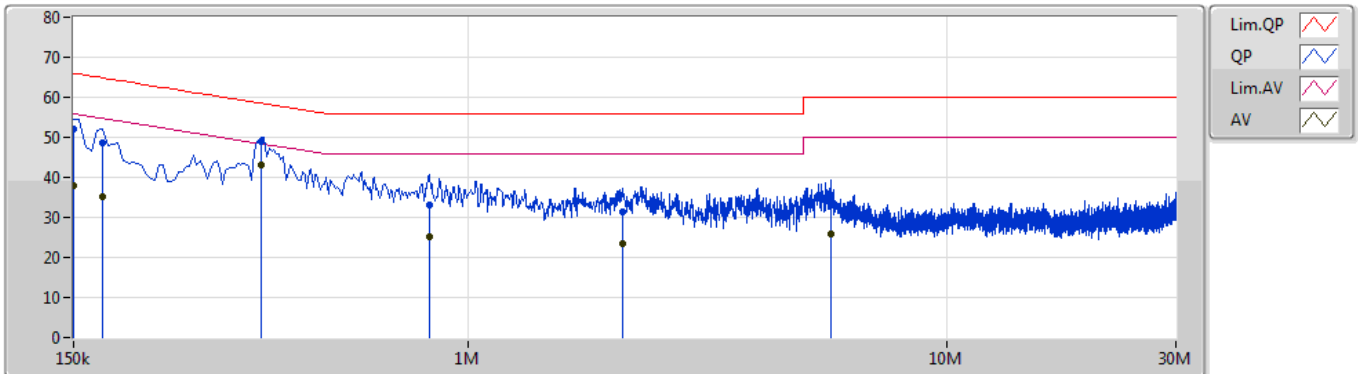
28/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	159k	51.65	65.52	-13.87	10.26	Line	-	41.39	0.05	0.06	10.15			
AV	159k	37.28	55.52	-18.24	10.26	Line	-	27.02	0.05	0.06	10.15			
QP	244.5k	37.05	61.95	-24.90	10.27	Line	-	26.78	0.05	0.07	10.15			
AV	244.5k	26.74	51.95	-25.21	10.27	Line	-	16.47	0.05	0.07	10.15			
QP	366k	48.28	58.60	-10.32	10.24	Line	-	38.04	0.05	0.08	10.11			
AV	366k	44.20	48.60	-4.40	10.24	Line	"Worst"	33.96	0.05	0.08	10.11			
QP	2.292M	33.13	56.00	-22.87	10.39	Line	-	22.74	0.10	0.16	10.13			
AV	2.292M	24.94	46.00	-21.06	10.39	Line	-	14.55	0.10	0.16	10.13			
QP	5.645M	33.58	60.00	-26.42	10.47	Line	-	23.11	0.16	0.15	10.16			
AV	5.645M	26.07	50.00	-23.93	10.47	Line	-	15.60	0.16	0.15	10.16			
QP	29.382M	23.43	60.00	-36.57	11.07	Line	-	12.36	0.62	0.24	10.21			
AV	29.382M	16.53	50.00	-33.47	11.07	Line	-	5.46	0.62	0.24	10.21			

Test Mode 5

28/09/2020



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	150k	52.18	66.00	-13.82	10.25	Neutral	-	41.93	0.05	0.05	10.15			
AV	150k	37.83	56.00	-18.17	10.25	Neutral	-	27.58	0.05	0.05	10.15			
QP	172.5k	48.70	64.83	-16.13	10.27	Neutral	-	38.43	0.05	0.06	10.16			
AV	172.5k	35.10	54.83	-19.73	10.27	Neutral	-	24.83	0.05	0.06	10.16			
QP	370.5k	48.85	58.49	-9.64	10.24	Neutral	-	38.61	0.05	0.08	10.11			
AV	370.5k	43.25	48.49	-5.24	10.24	Neutral	"Worst"	33.01	0.05	0.08	10.11			
QP	829.5k	33.24	56.00	-22.76	10.28	Neutral	-	22.96	0.06	0.11	10.11			
AV	829.5k	25.15	46.00	-20.85	10.28	Neutral	-	14.87	0.06	0.11	10.11			
QP	2.094M	31.45	56.00	-24.55	10.37	Neutral	-	21.08	0.08	0.16	10.13			
AV	2.094M	23.31	46.00	-22.69	10.37	Neutral	-	12.94	0.08	0.16	10.13			
QP	5.703M	33.07	60.00	-26.93	10.45	Neutral	-	22.62	0.14	0.15	10.16			
AV	5.703M	25.71	50.00	-24.29	10.45	Neutral	-	15.26	0.14	0.15	10.16			

For Dual Band Radio
For non beamforming mode 1TX
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)_1TX	43.17M	30.045M	30M0D1D	33.6M	17.331M
802.11ax HEW20_Nss1,(MCS0)_1TX	44.7M	28.276M	28M3D1D	26.49M	19.19M
802.11ax HEW40_Nss1,(MCS0)_1TX	80.04M	39.22M	39M2D1D	40.14M	37.601M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.48M	76.762M	76M8D1D	81.48M	76.762M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

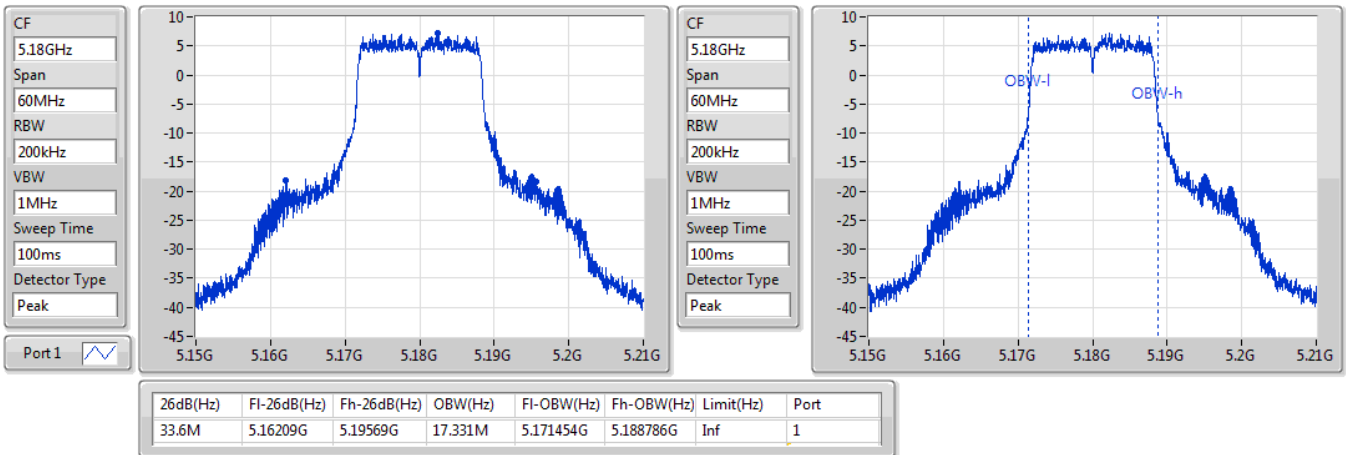
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	33.6M	17.331M
5200MHz	Pass	Inf	43.17M	30.045M
5240MHz	Pass	Inf	37.74M	19.64M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	26.49M	19.19M
5200MHz	Pass	Inf	44.7M	28.276M
5240MHz	Pass	Inf	41.1M	19.64M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.14M	37.601M
5230MHz	Pass	Inf	80.04M	39.22M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	81.48M	76.762M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

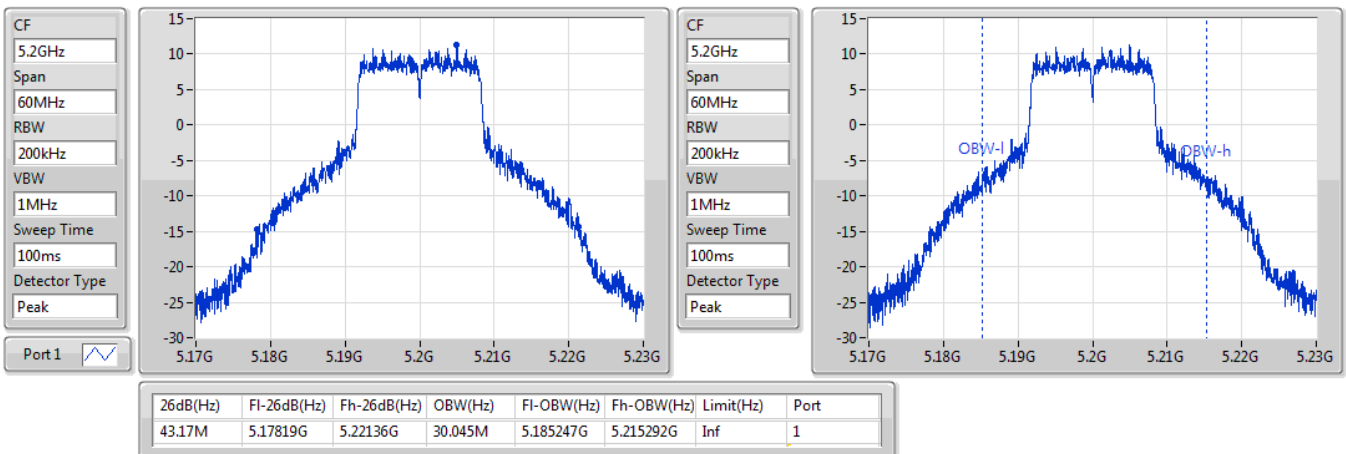
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

17/10/2020


802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

17/10/2020

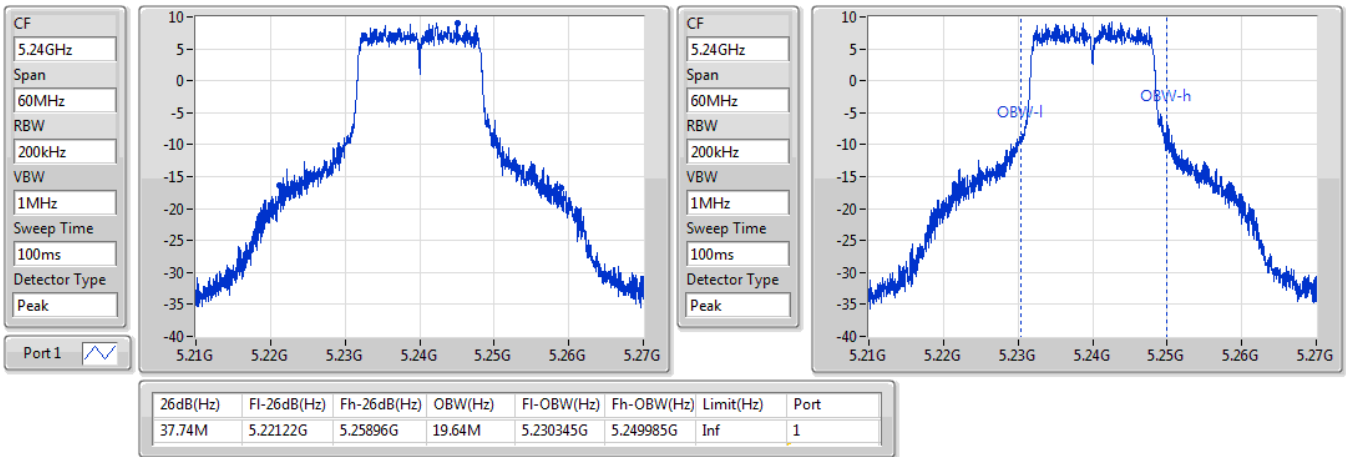


802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

17/10/2020

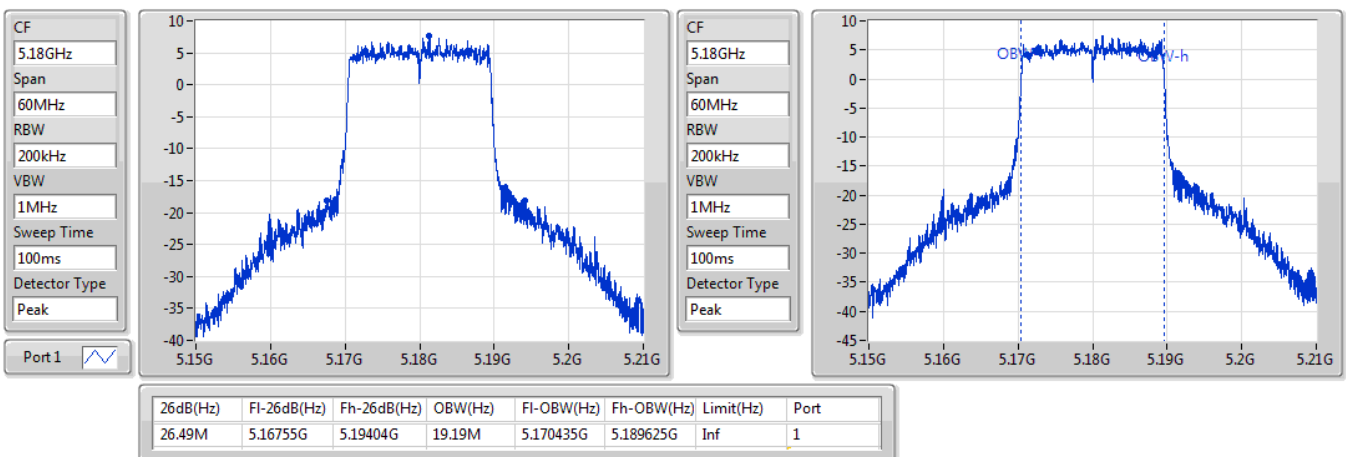


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

17/10/2020

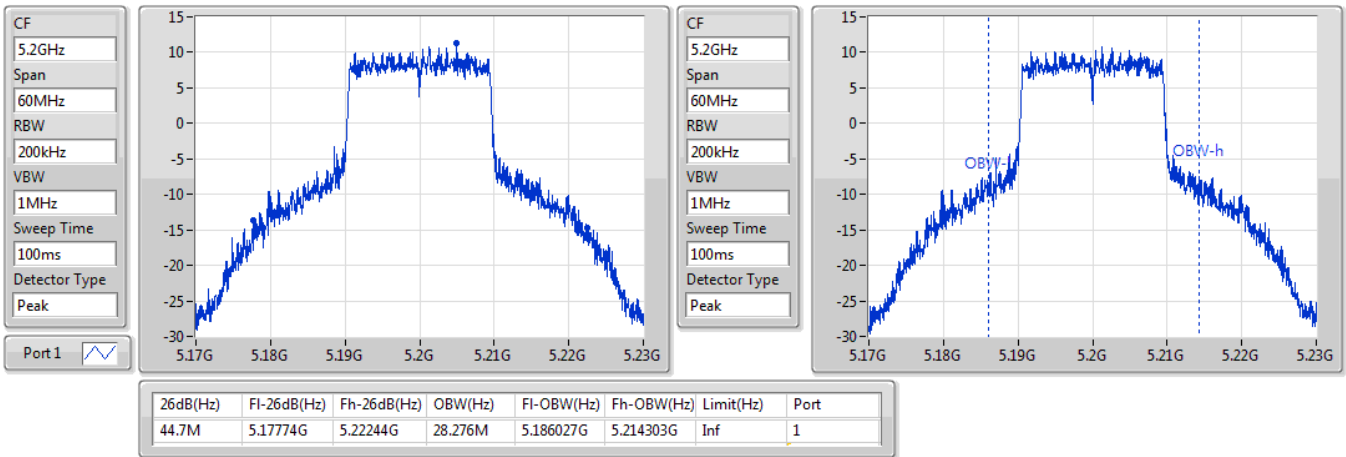


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

17/10/2020

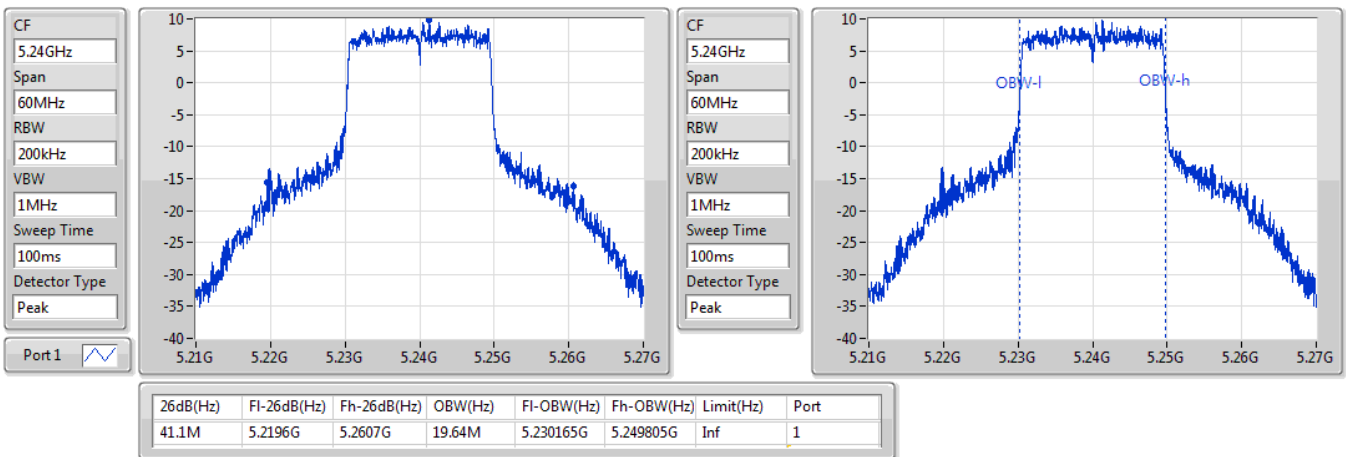


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

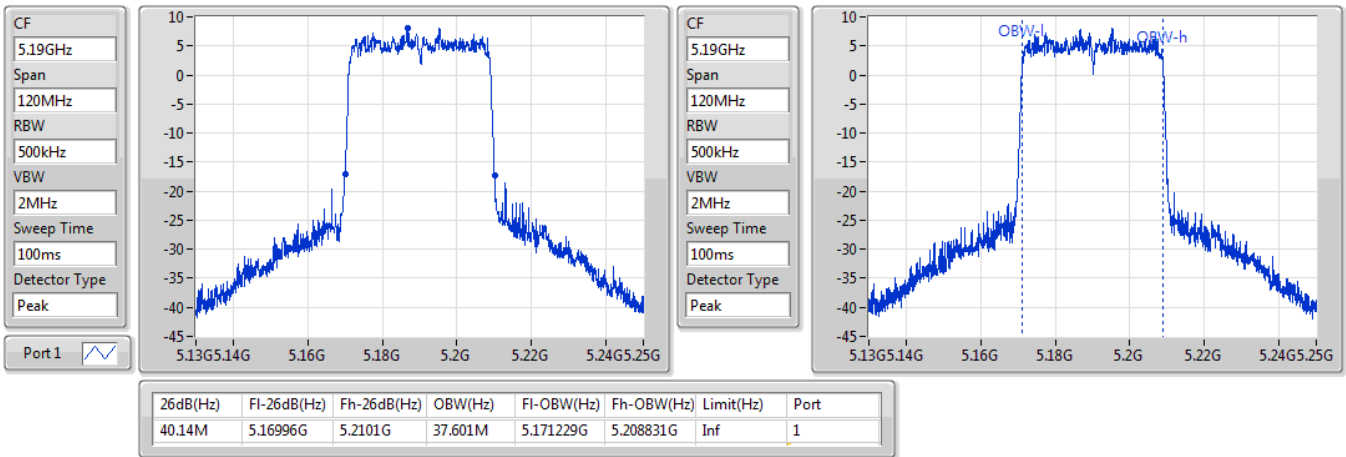
5240MHz

17/10/2020

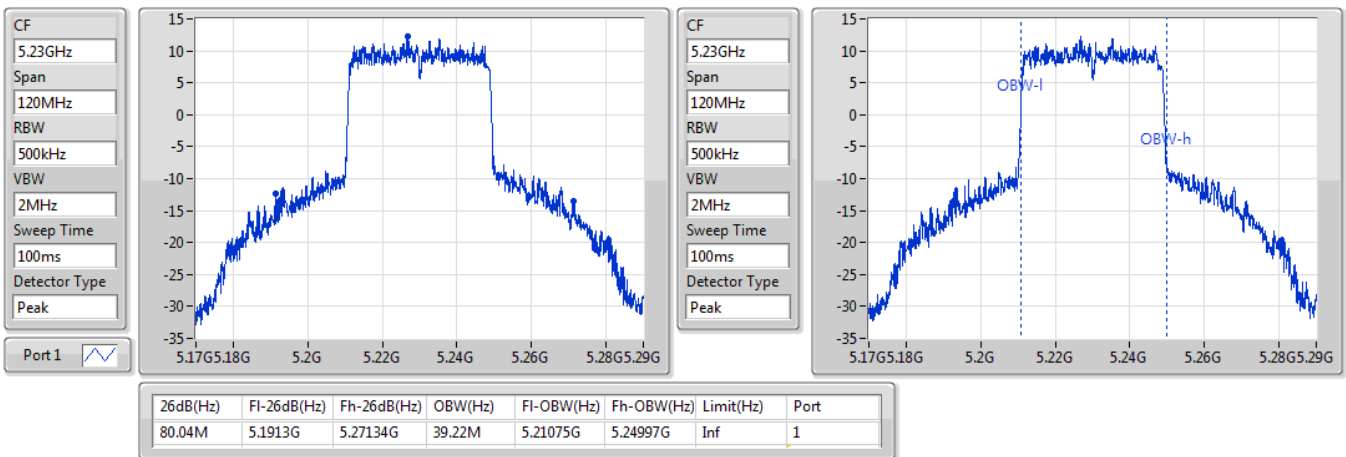


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5190MHz

17/10/2020


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5230MHz

17/10/2020

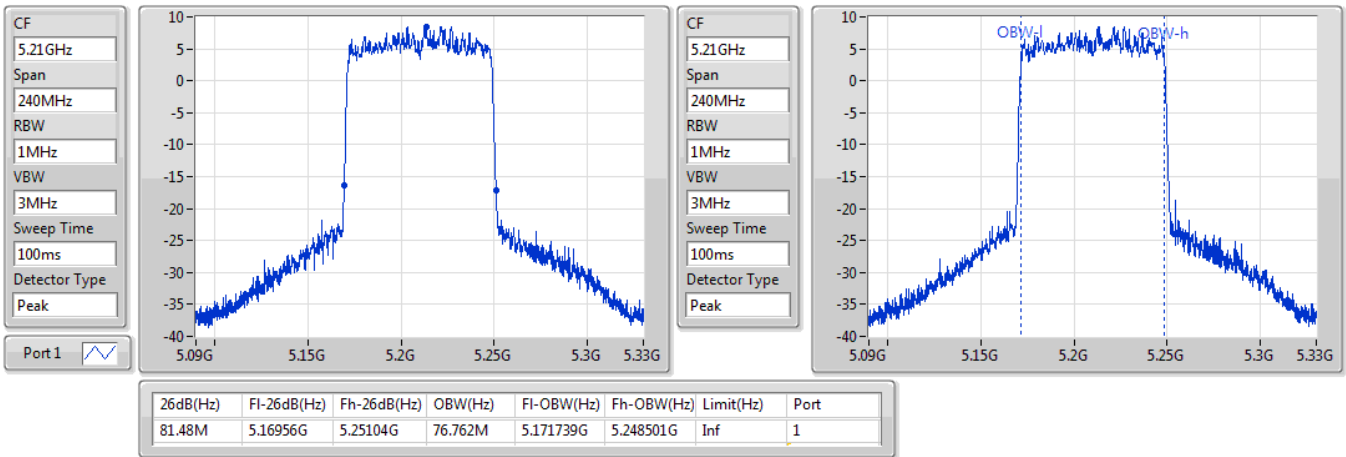


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

17/10/2020



For non beamforming mode 2TX 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	43.26M	27.556M	27M6D1D	21.72M	16.852M
802.11ax HEW20_Nss1,(MCS0)_2TX	43.05M	24.618M	24M6D1D	22.41M	19.07M
802.11ax HEW40_Nss1,(MCS0)_2TX	65.7M	37.961M	38M0D1D	39.9M	37.541M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.36M	76.882M	76M9D1D	81.36M	76.882M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.44M	36.132M	36M1D1D	16.29M	31.244M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.72M	43.688M	43M7D1D	18.06M	33.703M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.68M	64.708M	64M7D1D	37.02M	38.441M
802.11ax HEW80_Nss1,(MCS0)_2TX	76.56M	77.121M	77M1D1D	75.12M	77.001M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

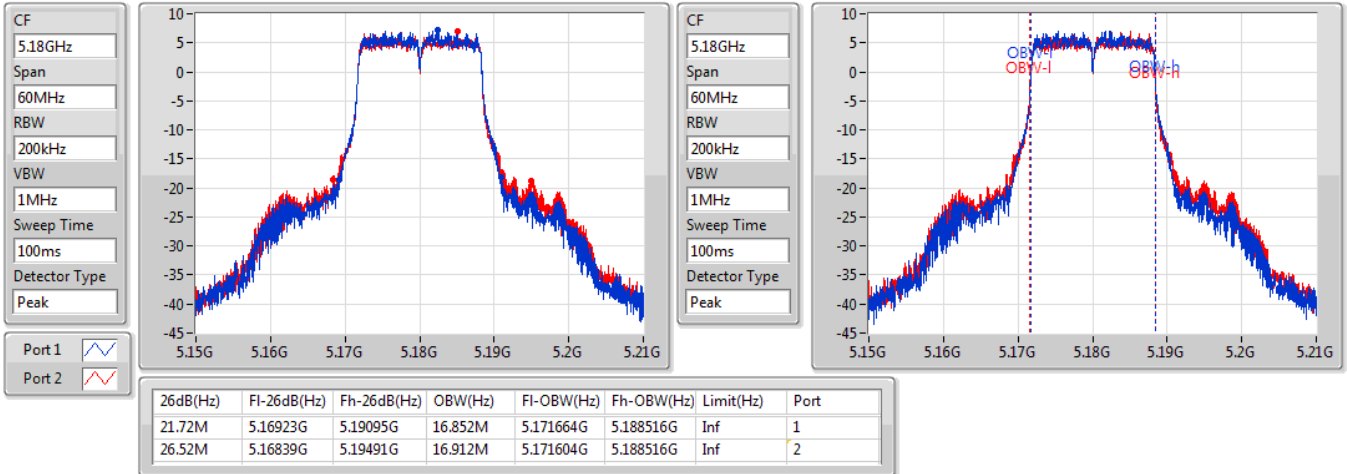
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.72M	16.852M	26.52M	16.912M
5200MHz	Pass	Inf	41.94M	24.498M	43.26M	27.556M
5240MHz	Pass	Inf	37.5M	18.051M	38.28M	19.19M
5745MHz	Pass	500k	16.35M	31.784M	16.29M	34.333M
5785MHz	Pass	500k	16.32M	31.784M	16.44M	36.132M
5825MHz	Pass	500k	16.35M	31.244M	16.35M	34.243M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	22.41M	19.07M	22.86M	19.13M
5200MHz	Pass	Inf	43.05M	22.249M	42.15M	24.618M
5240MHz	Pass	Inf	41.07M	19.52M	41.79M	19.91M
5745MHz	Pass	500k	18.72M	33.703M	18.69M	37.031M
5785MHz	Pass	500k	18.69M	36.642M	18.06M	43.688M
5825MHz	Pass	500k	18.69M	36.762M	18.66M	40.15M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.02M	37.541M	39.9M	37.601M
5230MHz	Pass	Inf	65.7M	37.901M	62.88M	37.961M
5755MHz	Pass	500k	37.68M	38.441M	37.56M	38.921M
5795MHz	Pass	500k	37.02M	61.109M	37.56M	64.708M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.36M	76.882M	81.36M	76.882M
5775MHz	Pass	500k	76.56M	77.001M	75.12M	77.121M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

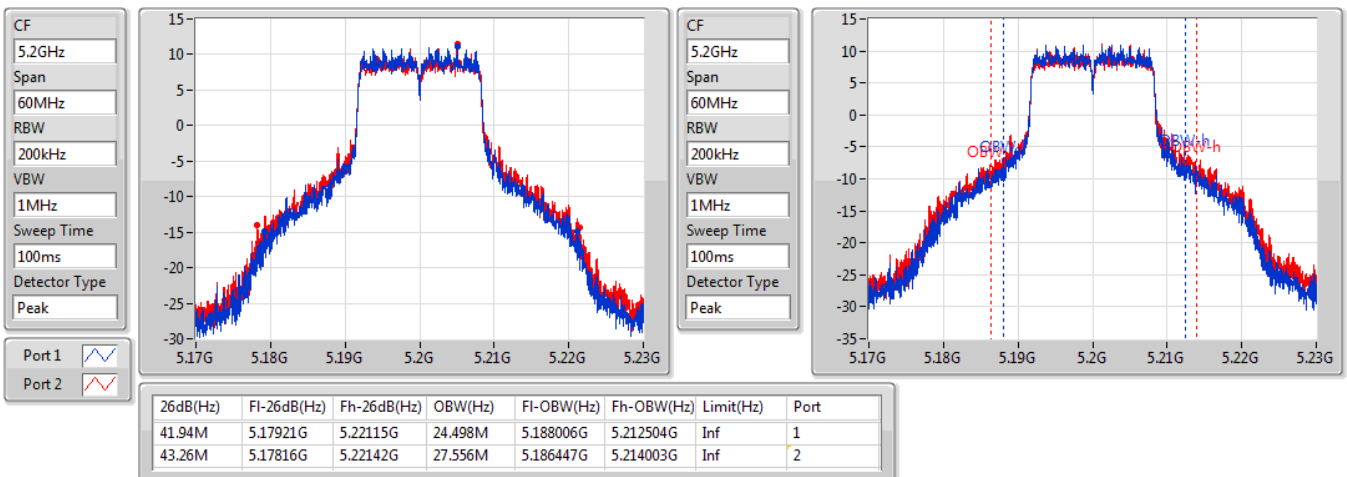
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

05/10/2020


802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

06/10/2020

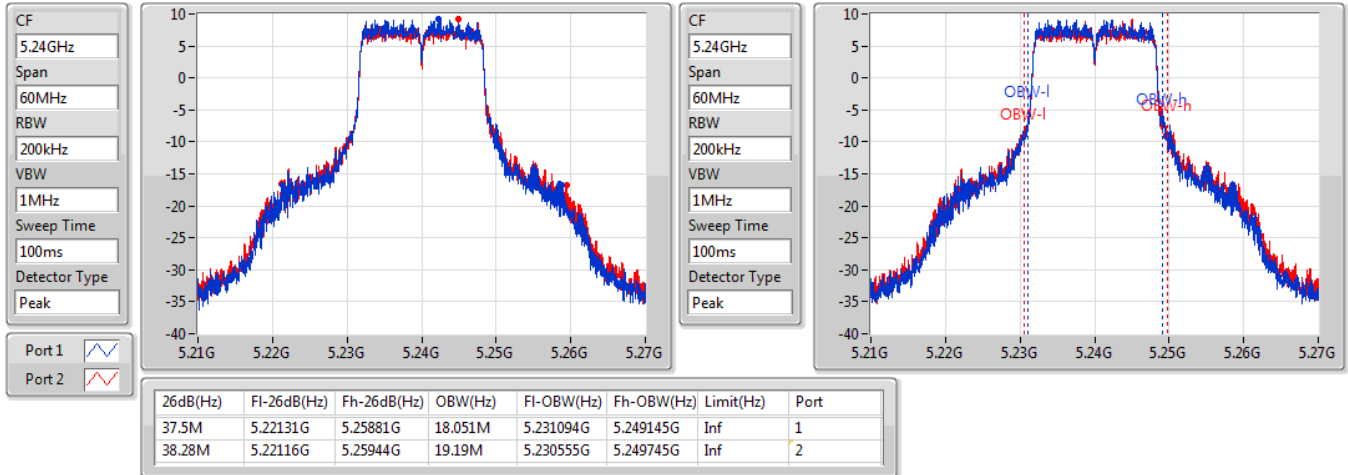


802.11a_Nss1,(6Mbps)_2TX

EBW

5240MHz

06/10/2020

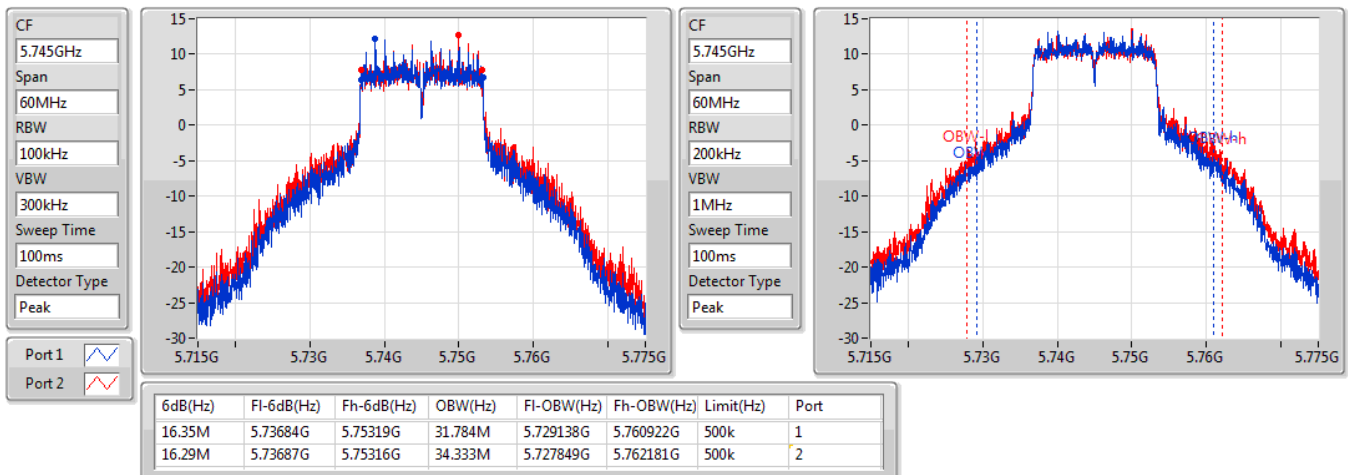


802.11a_Nss1,(6Mbps)_2TX

EBW

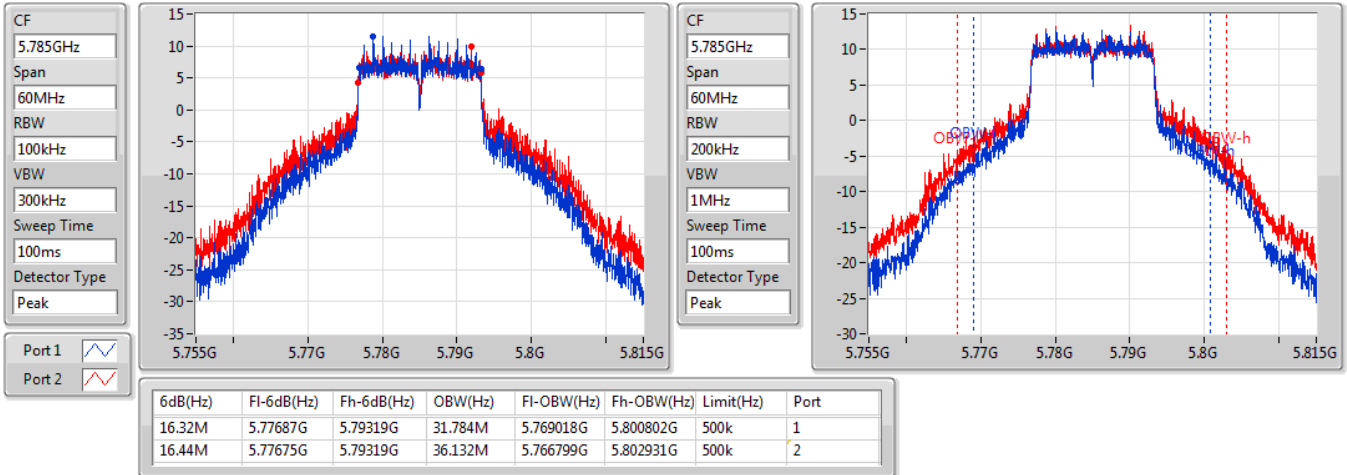
5745MHz

06/10/2020

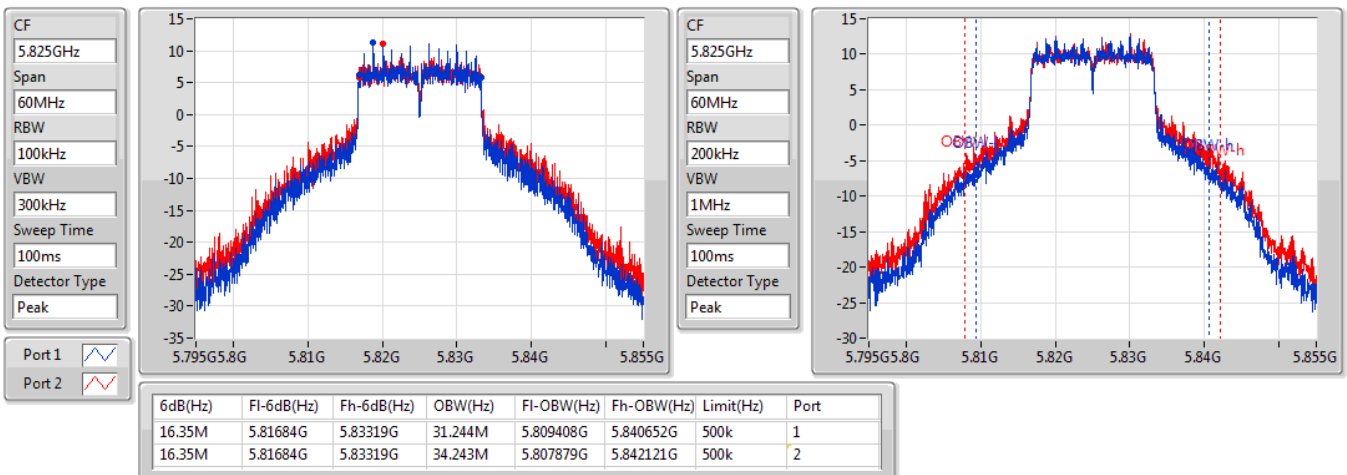


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

06/10/2020


802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

06/10/2020

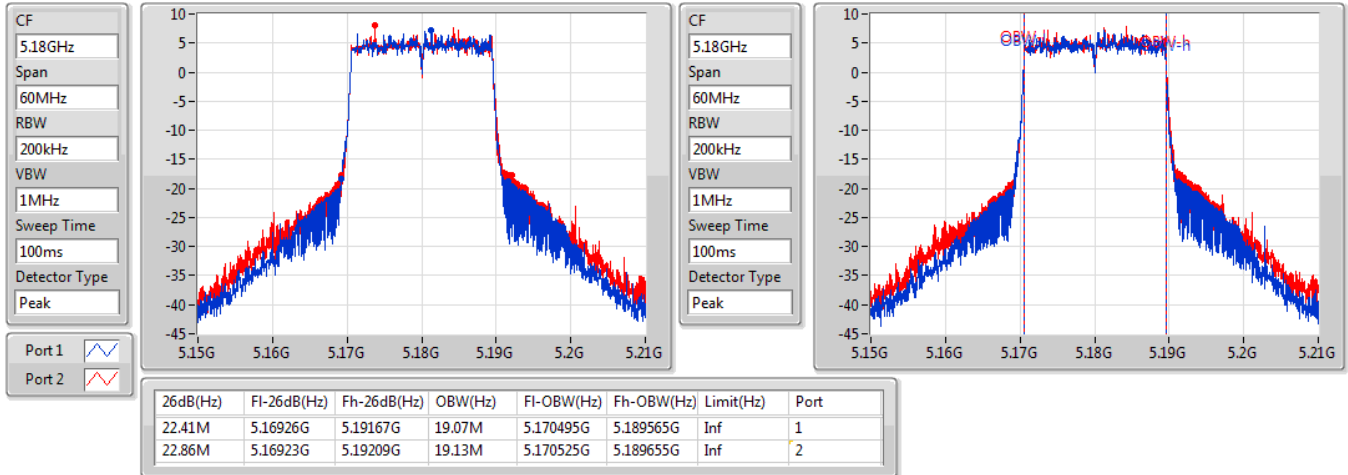


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

06/10/2020

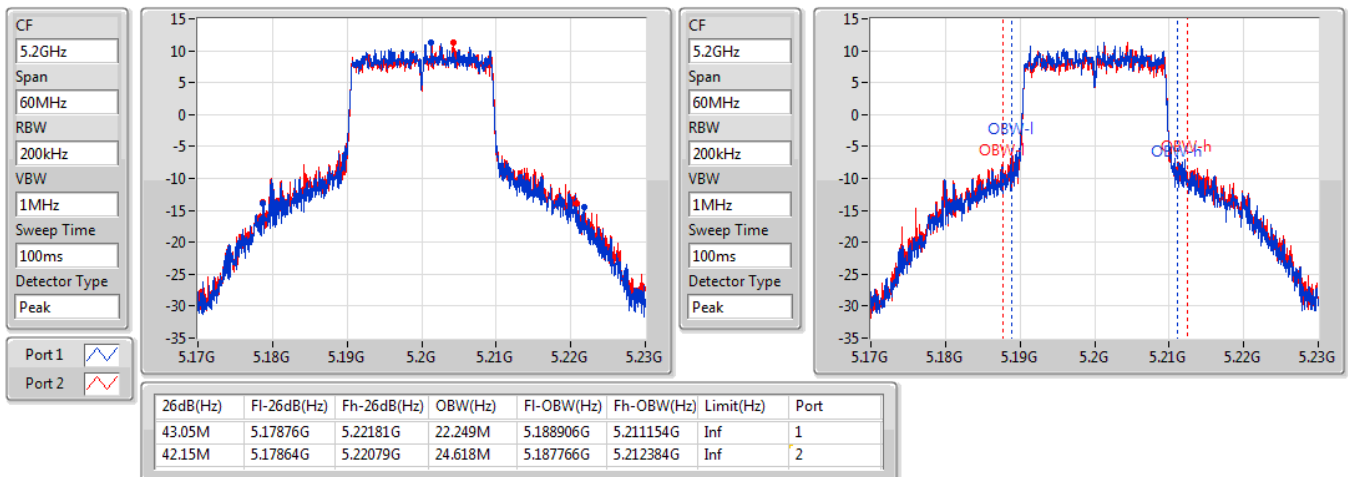


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

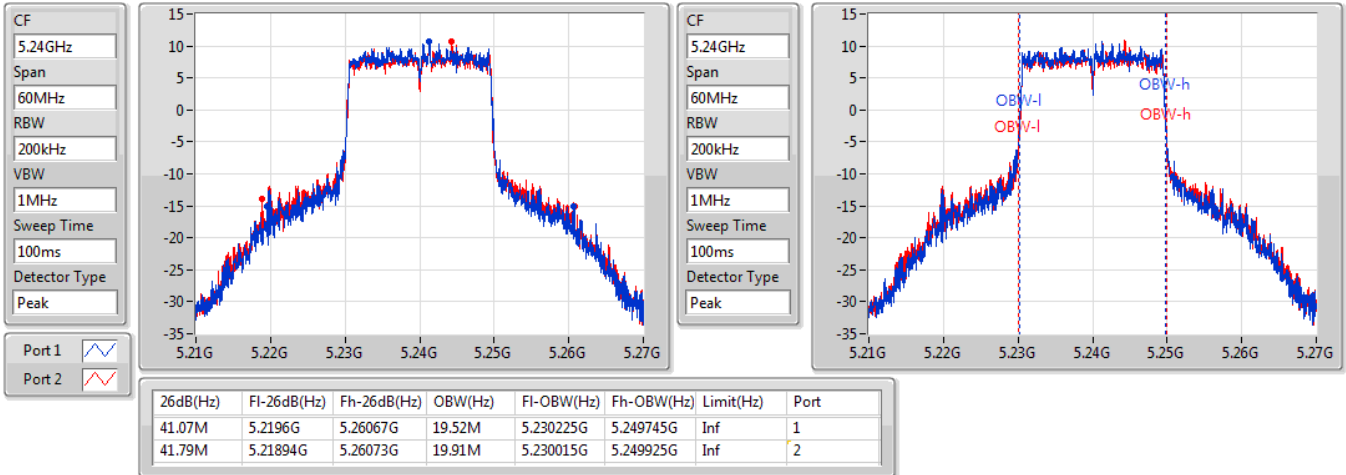
5200MHz

06/10/2020

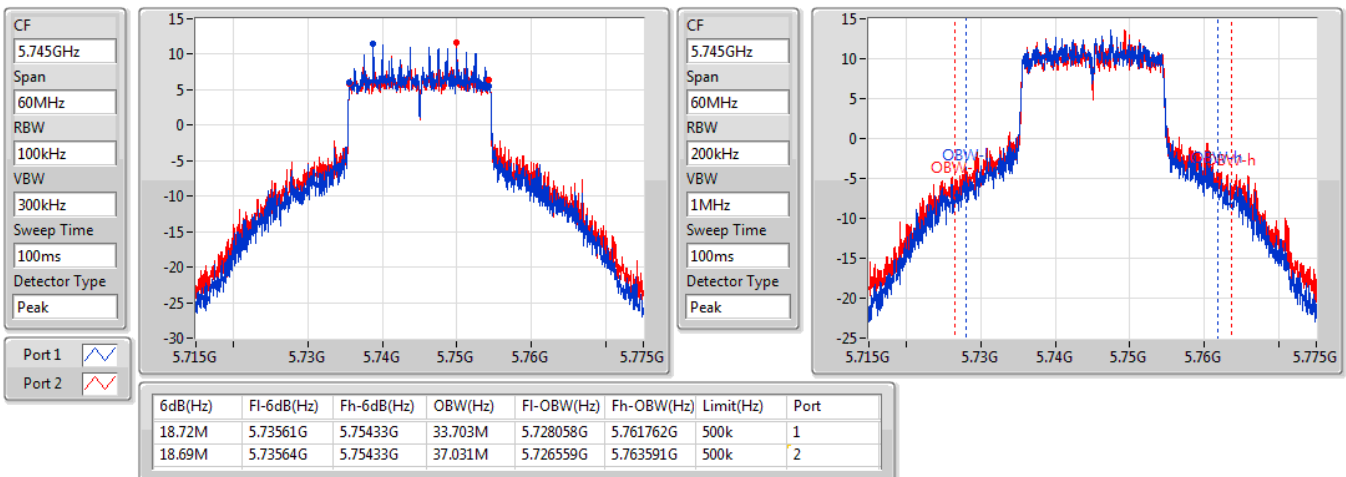


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

06/10/2020

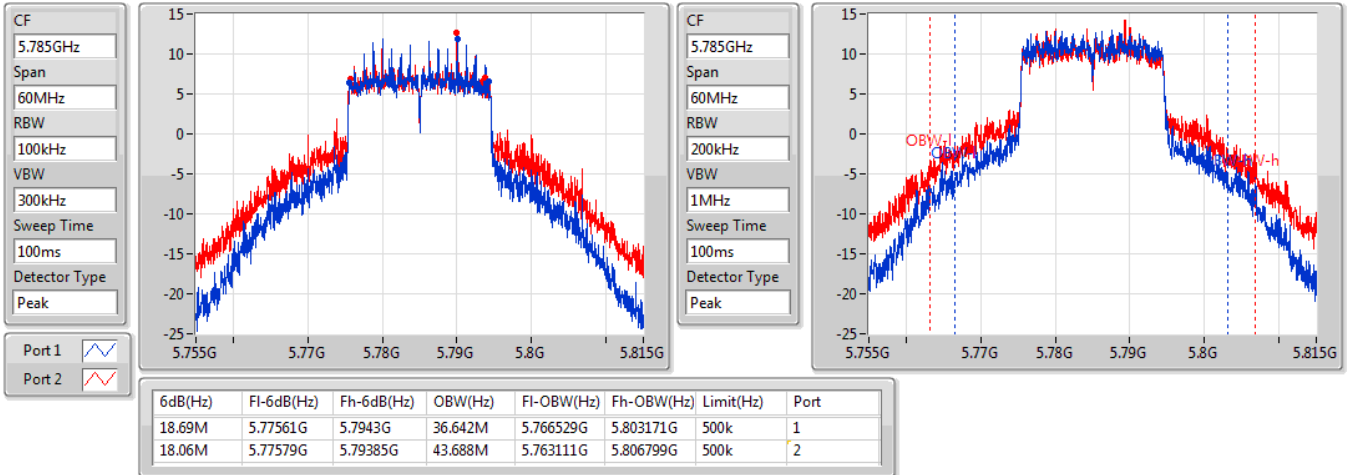

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

06/10/2020

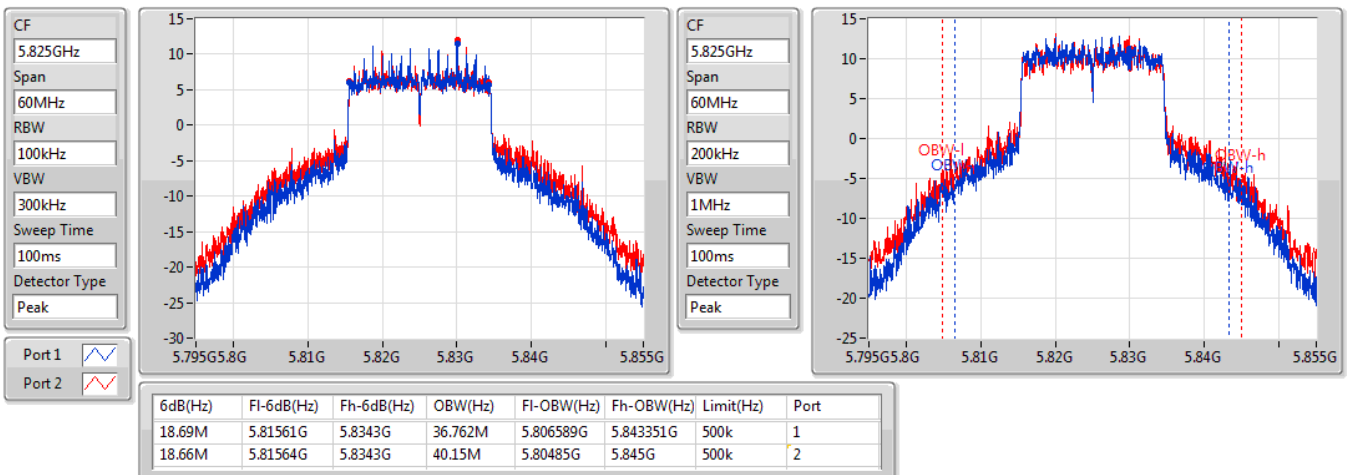


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5785MHz

06/10/2020


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5825MHz

06/10/2020

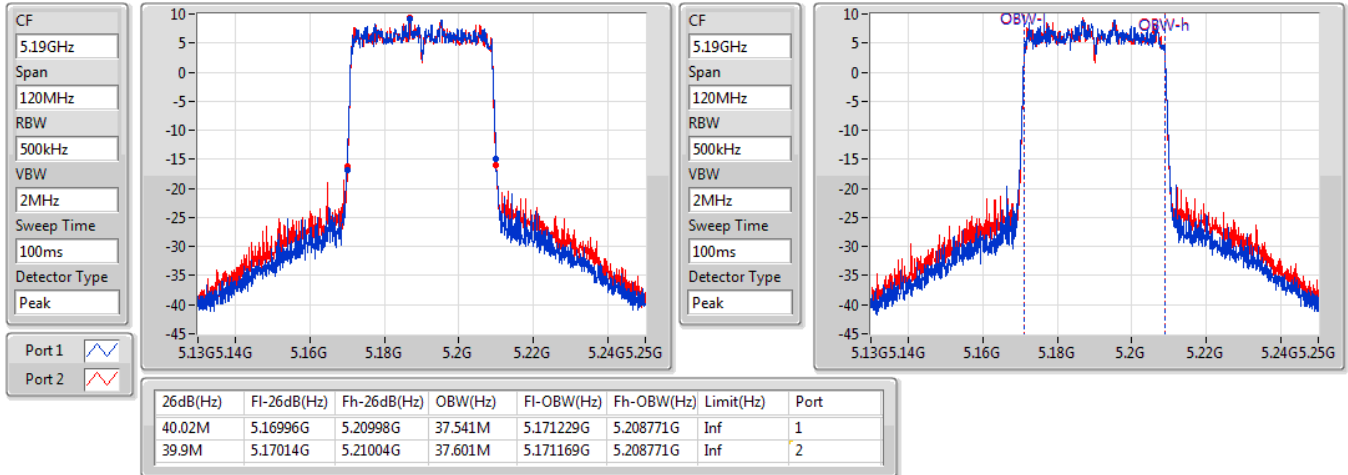


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

06/10/2020

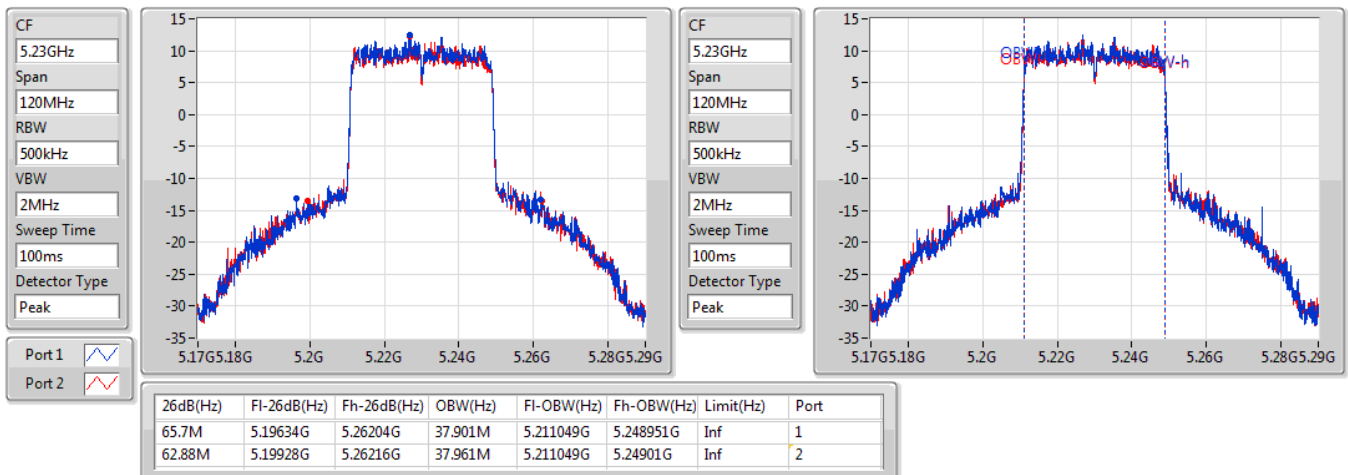


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

06/10/2020

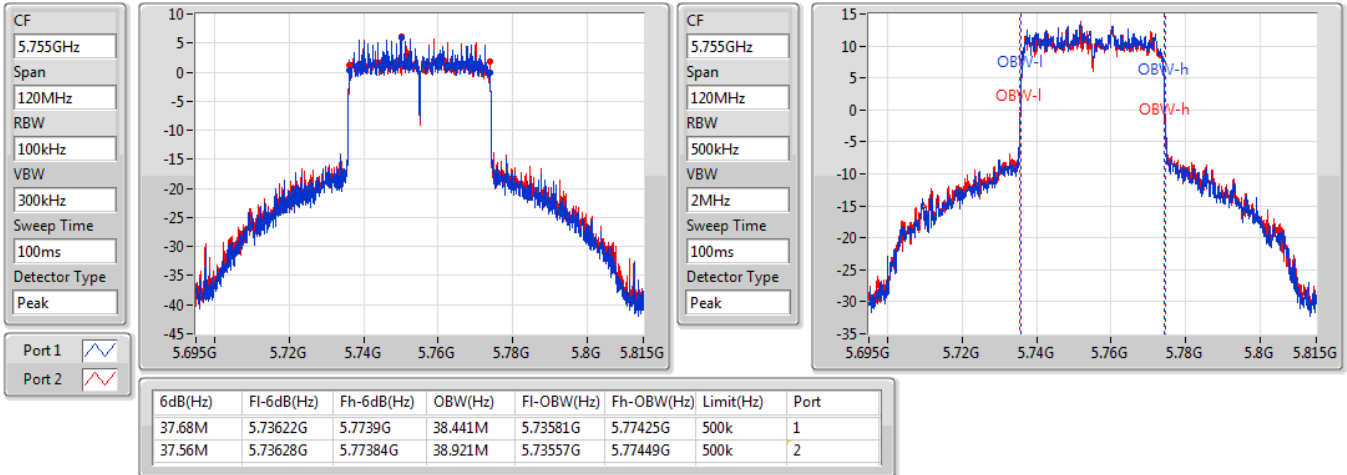


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

06/10/2020

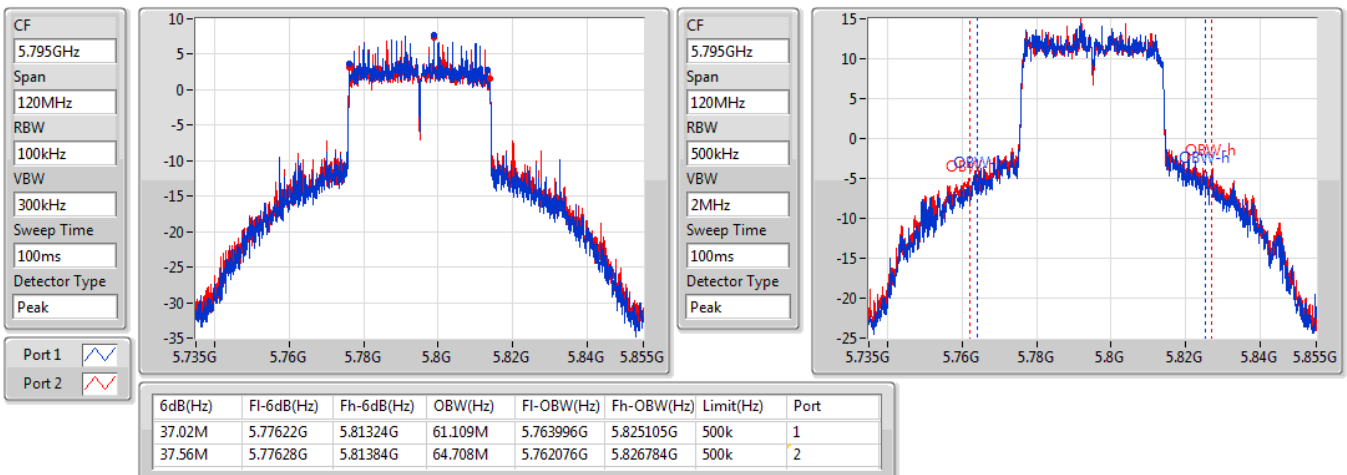


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5795MHz

06/10/2020

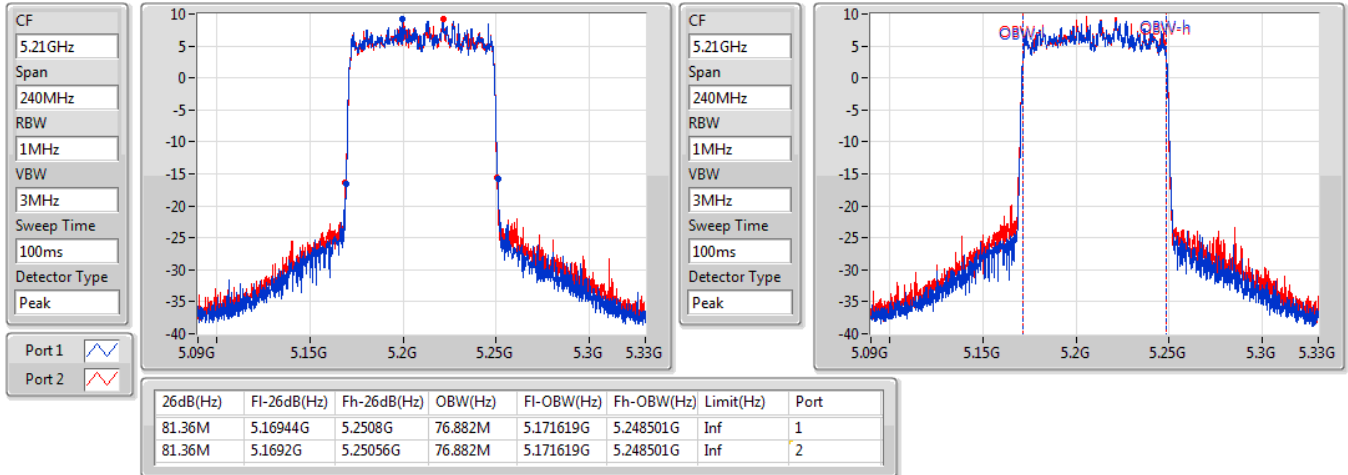


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5210MHz

06/10/2020

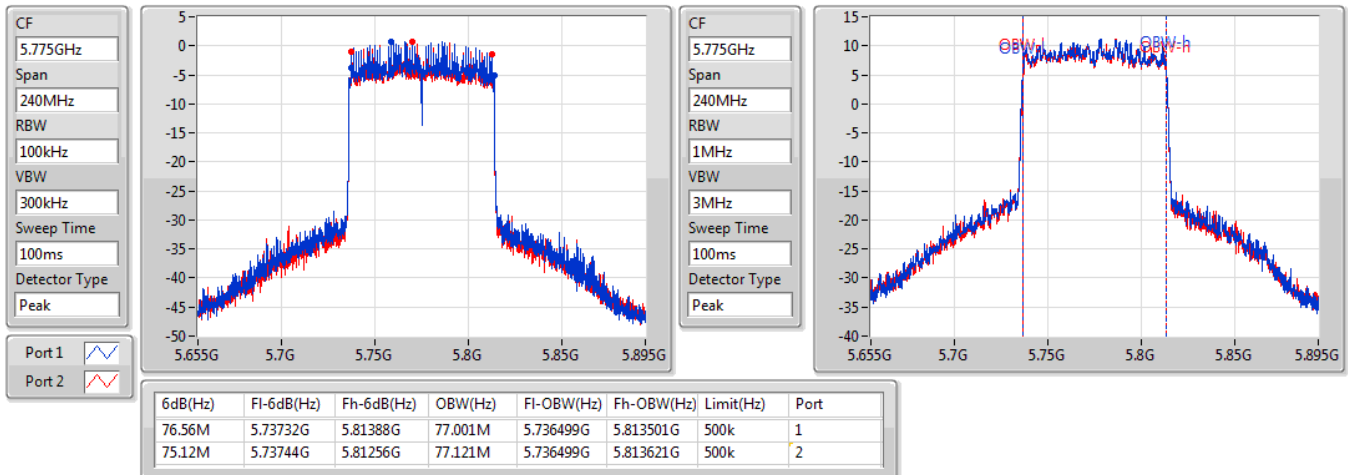


802.11ax HEW80_Nss1,(MCS0)_2TX

EBW

5775MHz

06/10/2020



For beamforming mode 2TX
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	46.92M	31.094M	31M1D1D	24M	19.1M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	77.28M	38.801M	38M8D1D	40.08M	37.541M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.36M	76.882M	76M9D1D	81.36M	76.882M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	24M	19.1M	30.36M	19.28M
5200MHz	Pass	Inf	45.06M	24.648M	46.92M	31.094M
5240MHz	Pass	Inf	30.06M	19.19M	41.04M	19.82M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.14M	37.541M	40.08M	37.541M
5230MHz	Pass	Inf	61.08M	37.781M	77.28M	38.801M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.36M	76.882M	81.36M	76.882M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

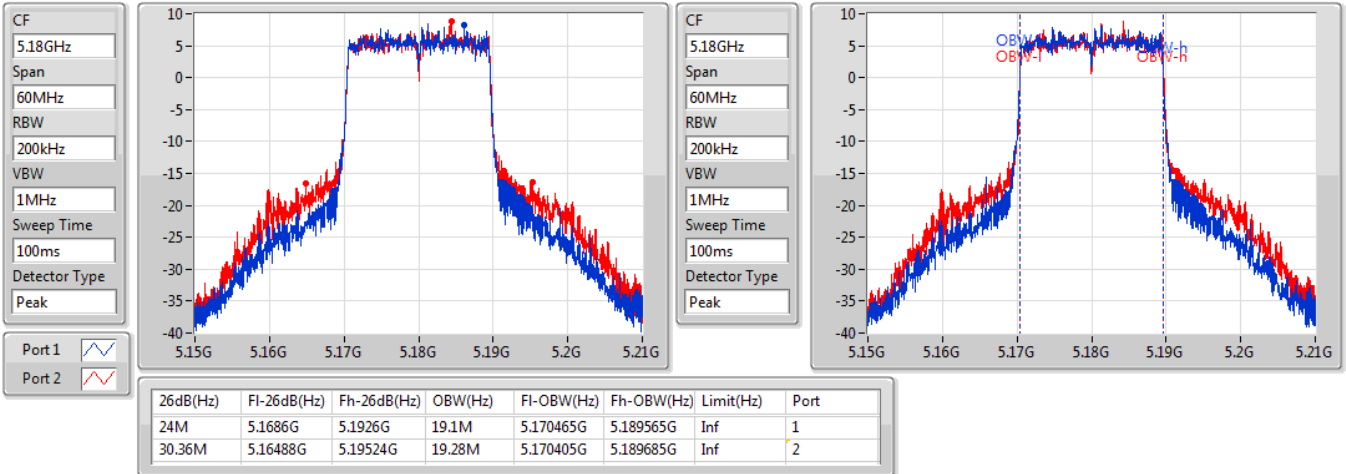
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

17/10/2020

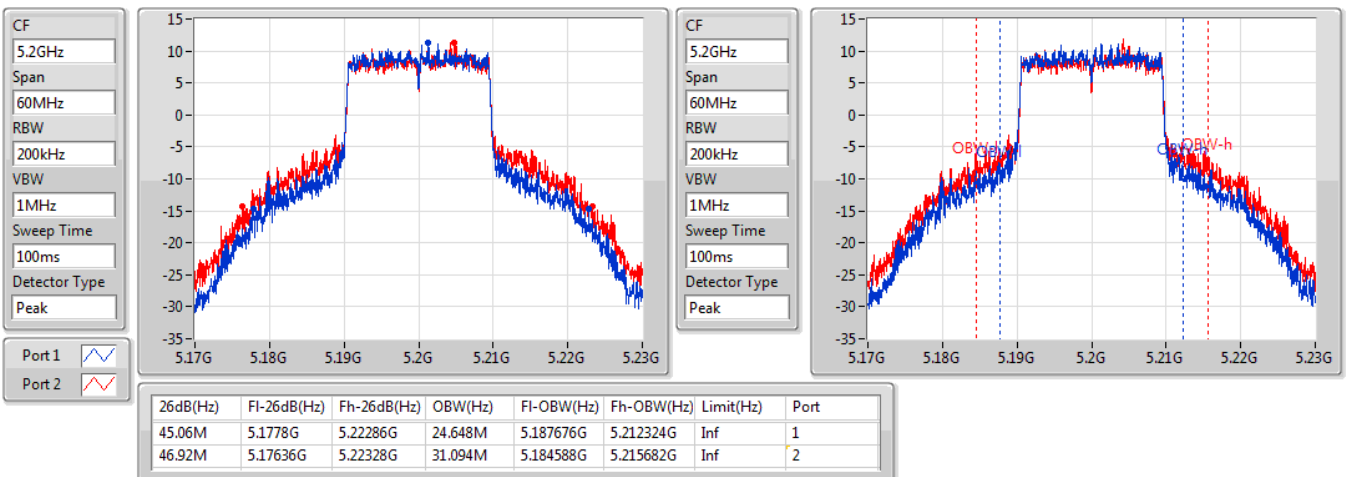


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

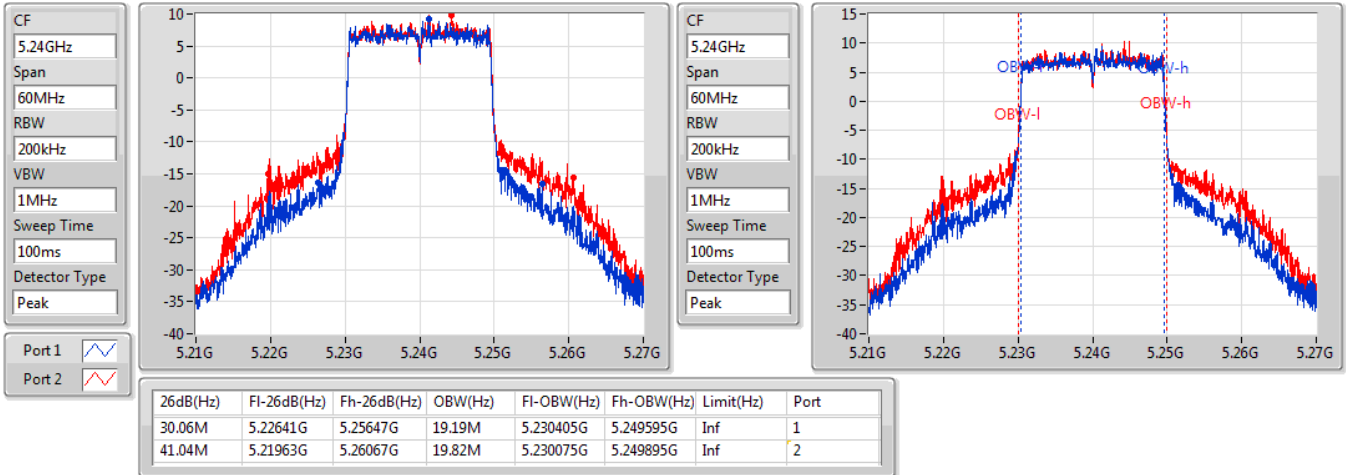
5200MHz

17/10/2020

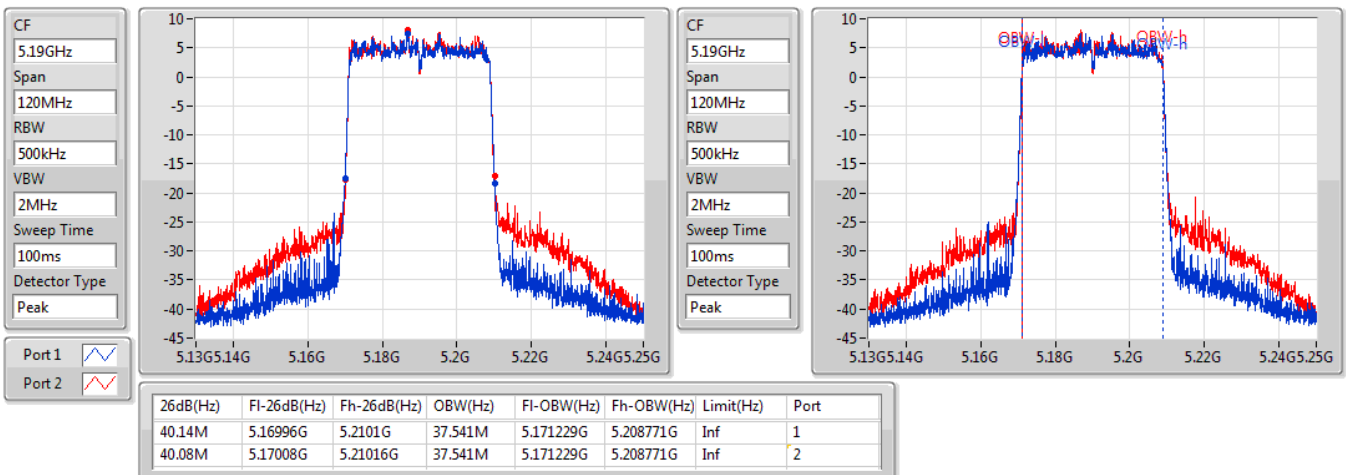


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5240MHz

17/10/2020

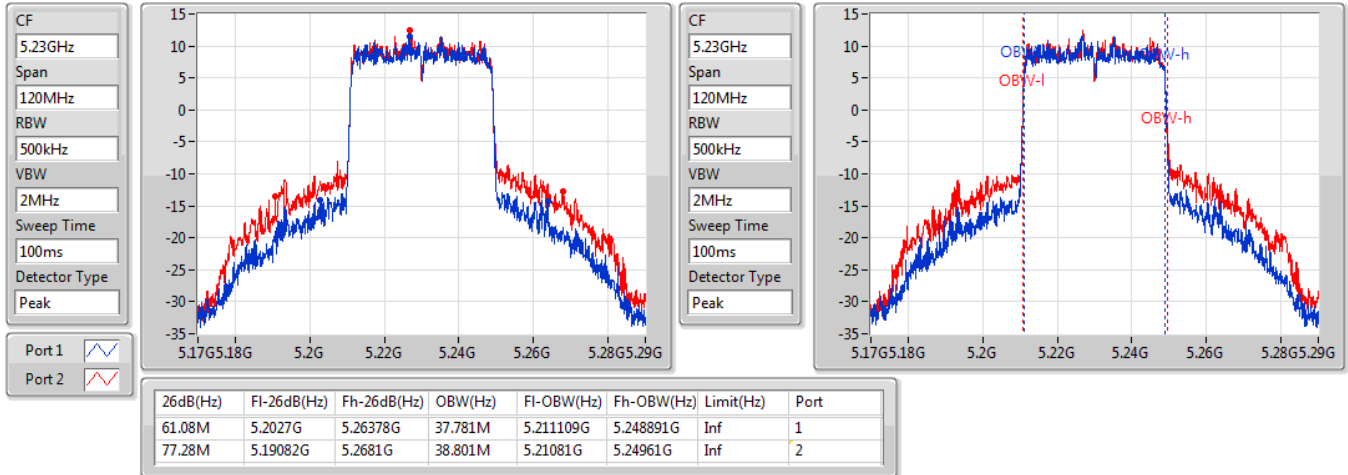

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5190MHz

17/10/2020

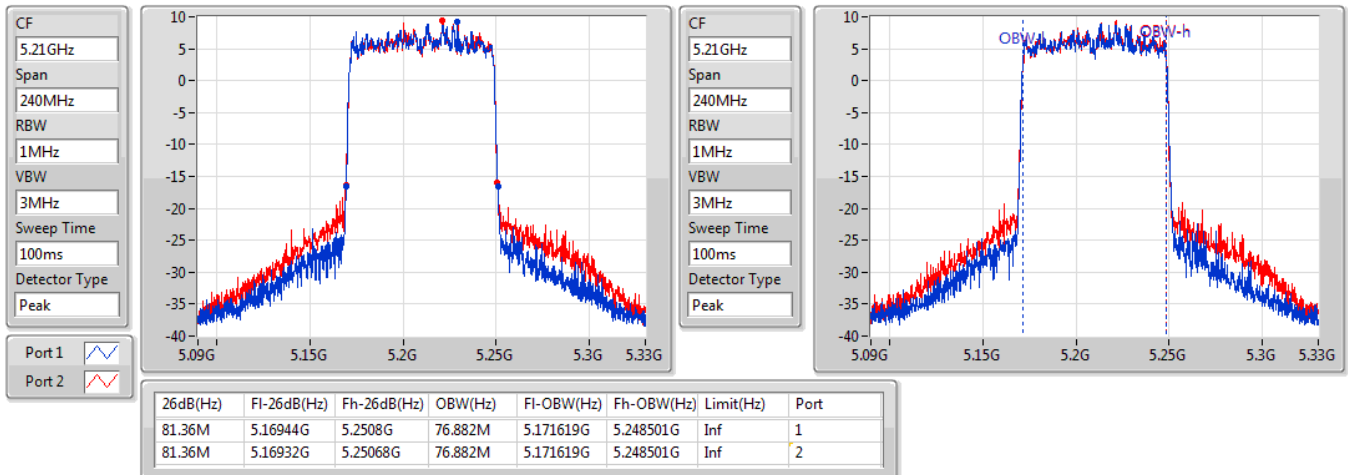


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5230MHz

17/10/2020


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5210MHz

17/10/2020



For 5G Radio
For non beamforming mode 1TX
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)_1TX	42.24M	27.676M	27M7D1D	28.44M	17.151M
802.11ax HEW20_Nss1,(MCS0)_1TX	44.49M	25.487M	25M5D1D	25.65M	19.16M
802.11ax HEW40_Nss1,(MCS0)_1TX	75.42M	38.501M	38M5D1D	40.2M	37.601M
802.11ax HEW80_Nss1,(MCS0)_1TX	81.36M	76.762M	76M8D1D	81.36M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	16.35M	39.28M	39M3D1D	16.32M	34.093M
802.11ax HEW20_Nss1,(MCS0)_1TX	18.72M	48.216M	48M2D1D	18.69M	38.471M
802.11ax HEW40_Nss1,(MCS0)_1TX	37.14M	67.766M	67M8D1D	36.96M	47.676M
802.11ax HEW80_Nss1,(MCS0)_1TX	77.16M	77.121M	77M1D1D	77.16M	77.121M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

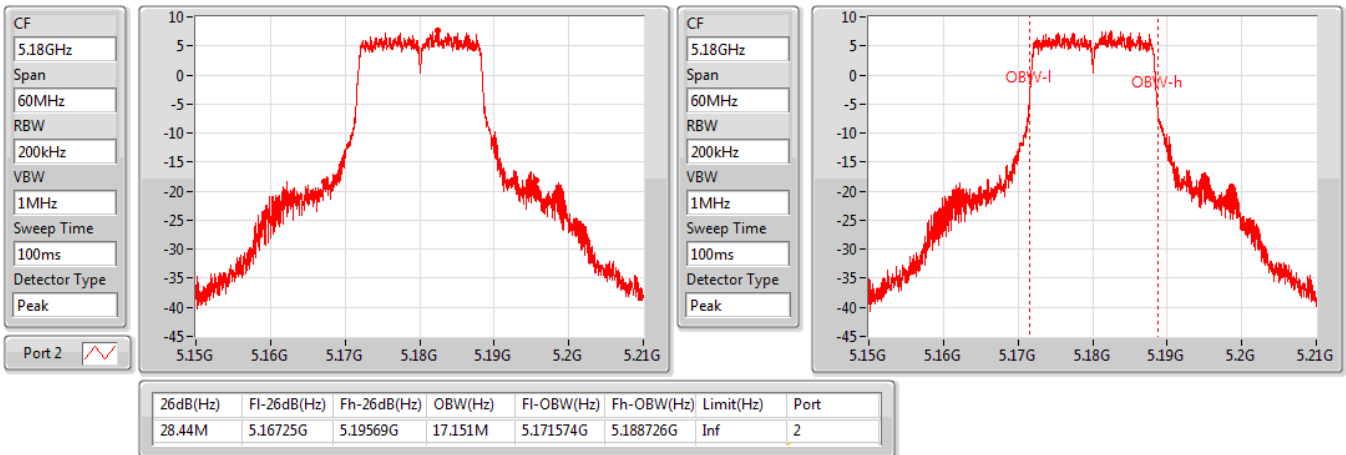
Mode	Result	Limit (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-
5180MHz	Pass	Inf	28.44M	17.151M
5200MHz	Pass	Inf	42.24M	27.676M
5240MHz	Pass	Inf	37.71M	18.831M
5745MHz	Pass	500k	16.32M	34.093M
5785MHz	Pass	500k	16.35M	39.28M
5825MHz	Pass	500k	16.35M	35.052M
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-
5180MHz	Pass	Inf	25.65M	19.16M
5200MHz	Pass	Inf	44.49M	25.487M
5240MHz	Pass	Inf	41.07M	19.85M
5745MHz	Pass	500k	18.69M	38.471M
5785MHz	Pass	500k	18.72M	48.216M
5825MHz	Pass	500k	18.72M	40.45M
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-
5190MHz	Pass	Inf	40.2M	37.601M
5230MHz	Pass	Inf	75.42M	38.501M
5755MHz	Pass	500k	36.96M	47.676M
5795MHz	Pass	500k	37.14M	67.766M
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-
5210MHz	Pass	Inf	81.36M	76.762M
5775MHz	Pass	500k	77.16M	77.121M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

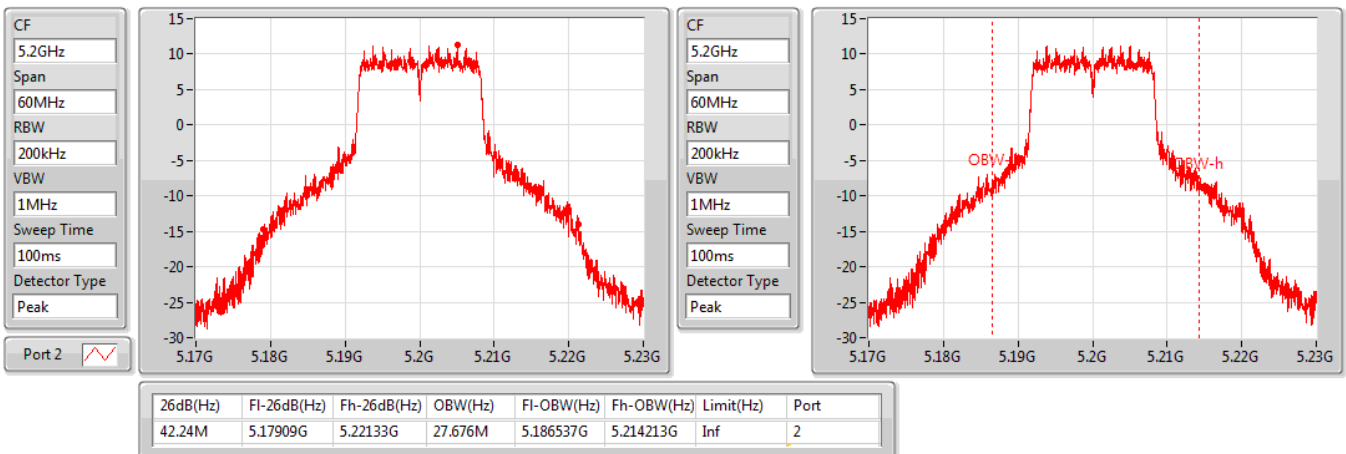
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_1TX
EBW
5180MHz

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802.11a_Nss1,(6Mbps)_1TX
EBW
5200MHz

07/10/2020

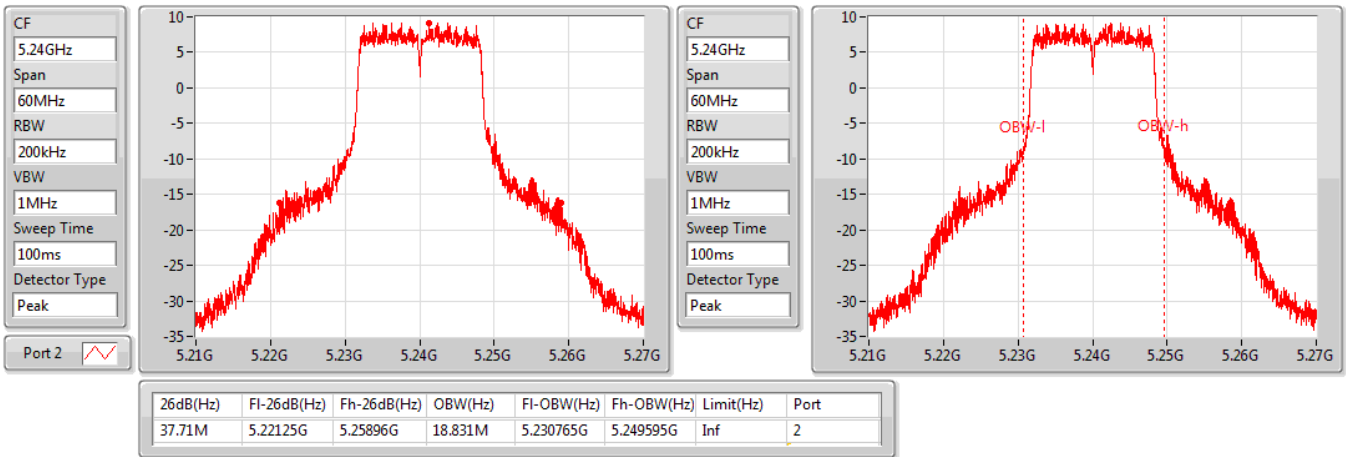


802.11a_Nss1,(6Mbps)_1TX

EBW

5240MHz

07/10/2020

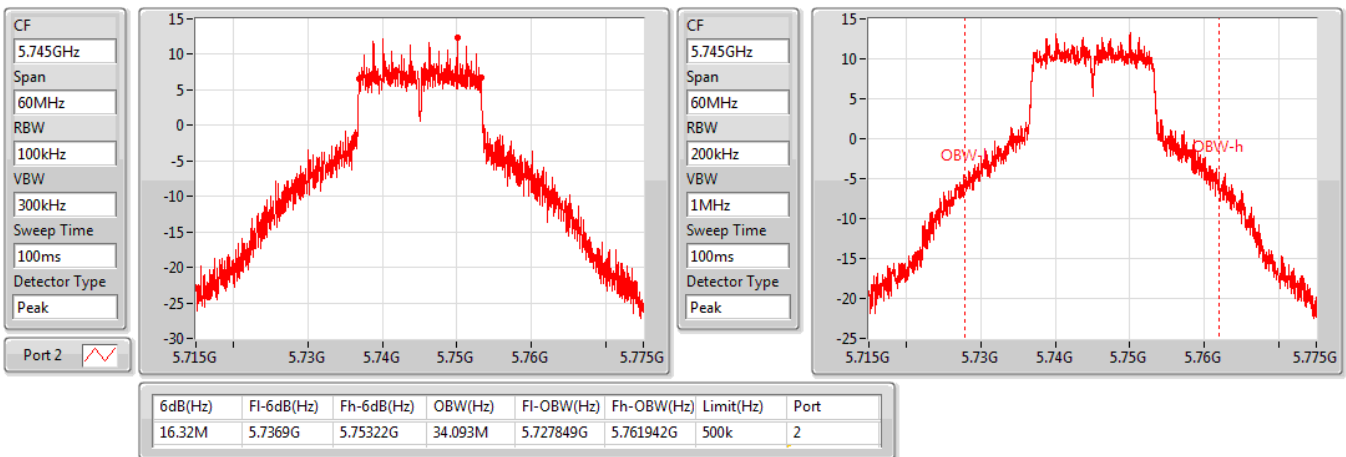


802.11a_Nss1,(6Mbps)_1TX

EBW

5745MHz

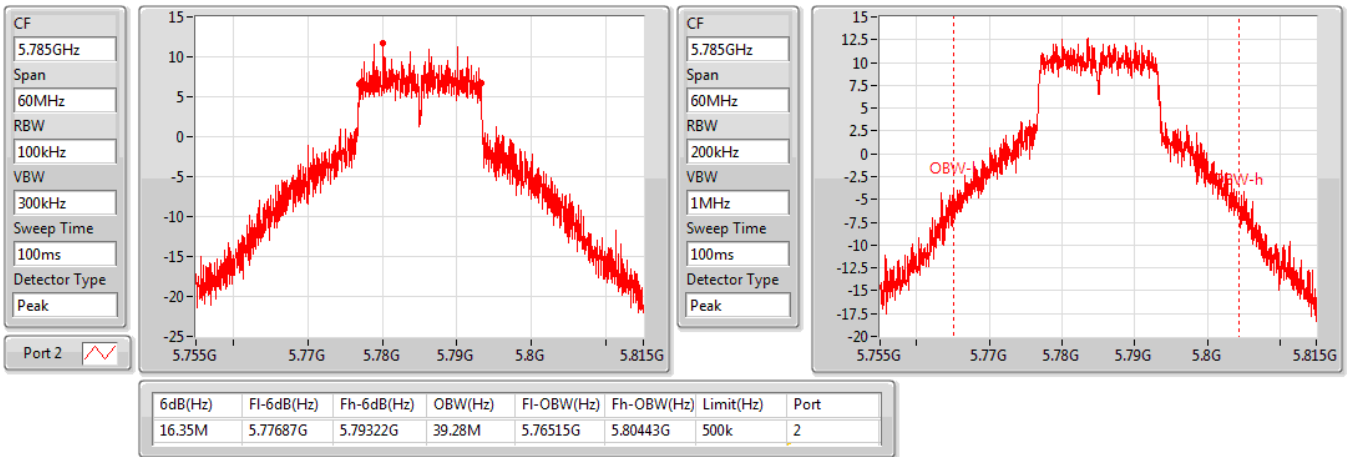
07/10/2020



802.11a_Nss1,(6Mbps)_1TX

EBW
5785MHz

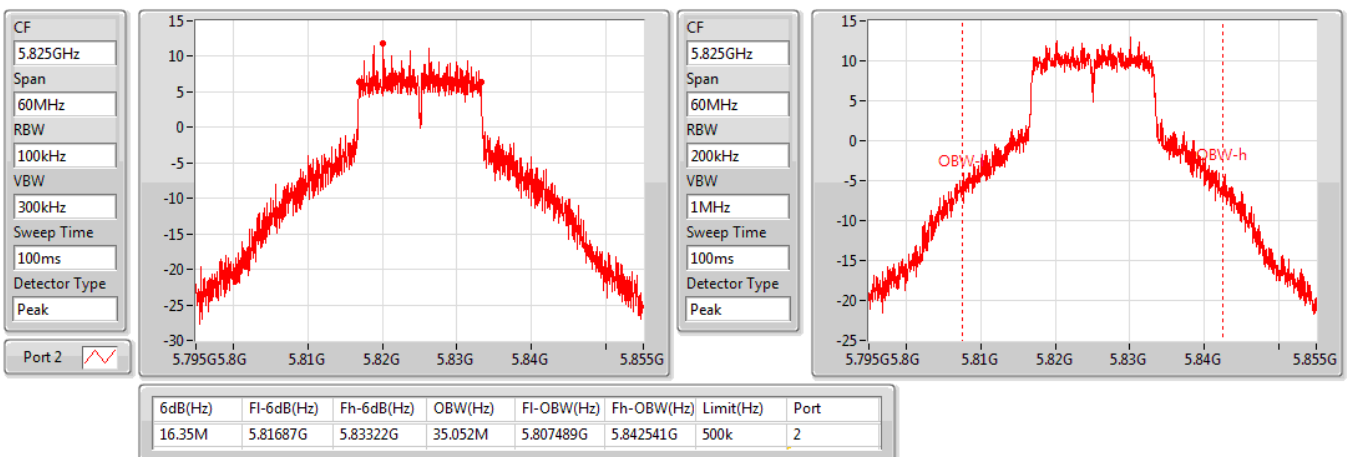
07/10/2020



802.11a_Nss1,(6Mbps)_1TX

EBW
5825MHz

07/10/2020

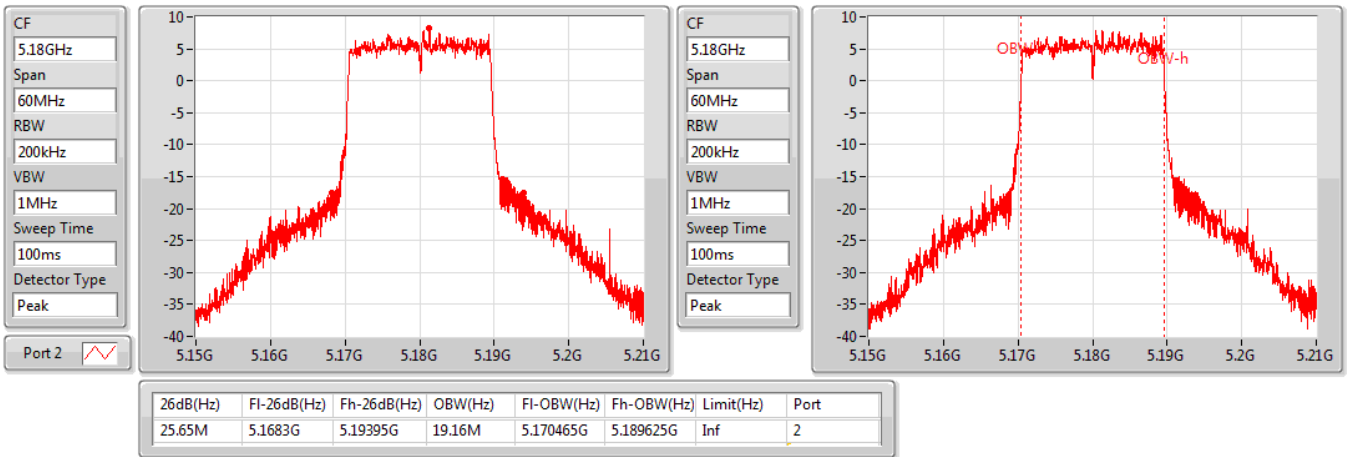


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5180MHz

07/10/2020

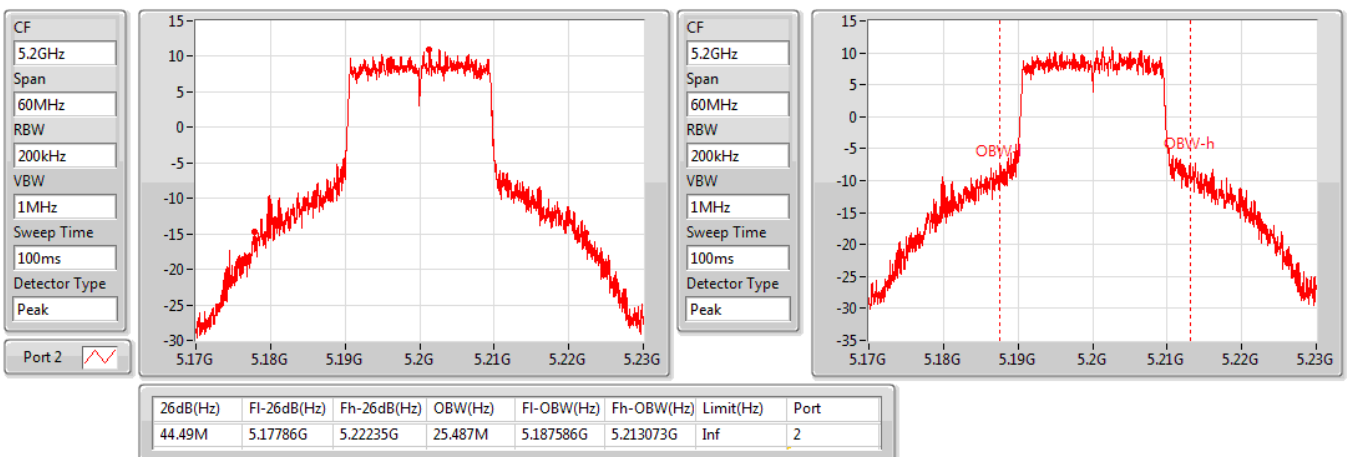


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5200MHz

07/10/2020

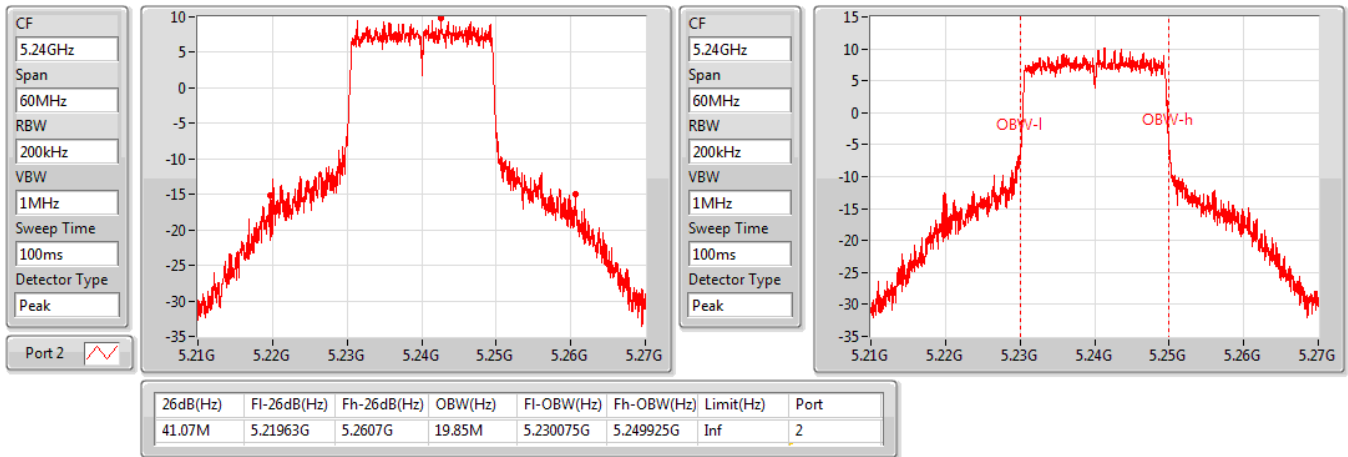


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

5240MHz

07/10/2020

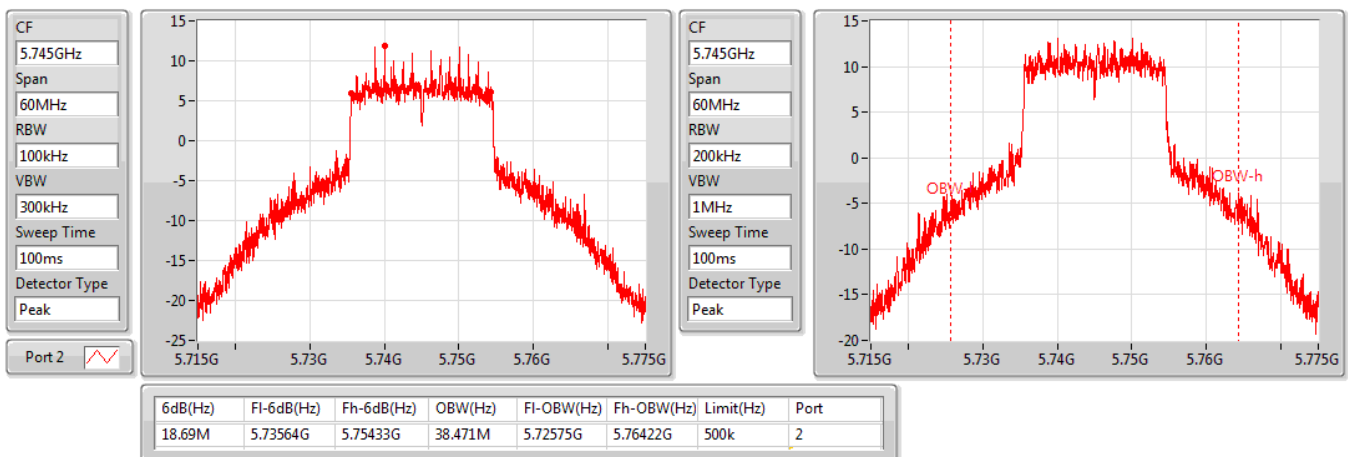


802.11ax HEW20_Nss1,(MCS0)_1TX

EBW

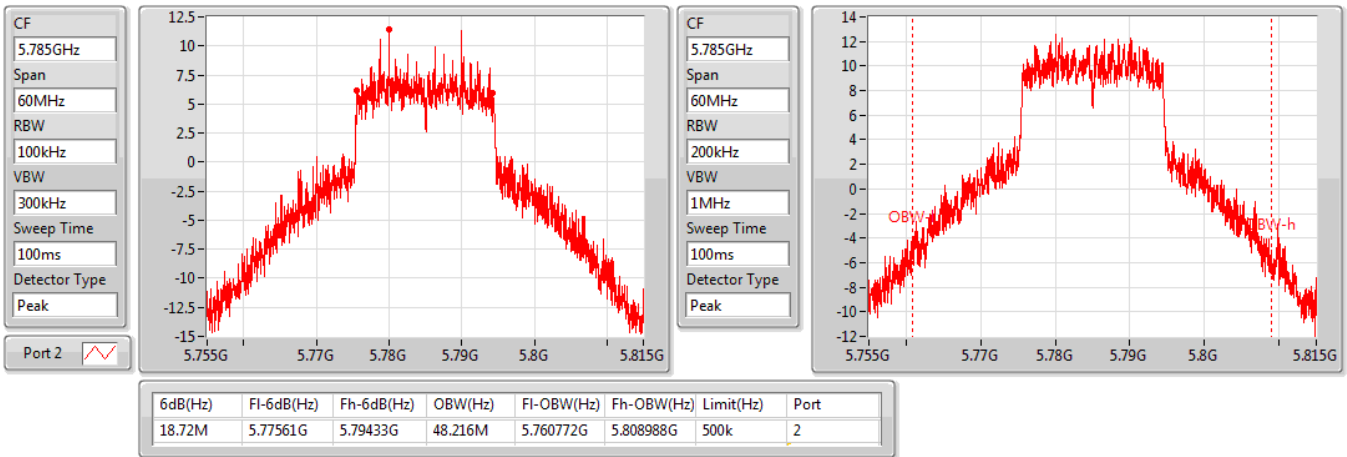
5745MHz

07/10/2020

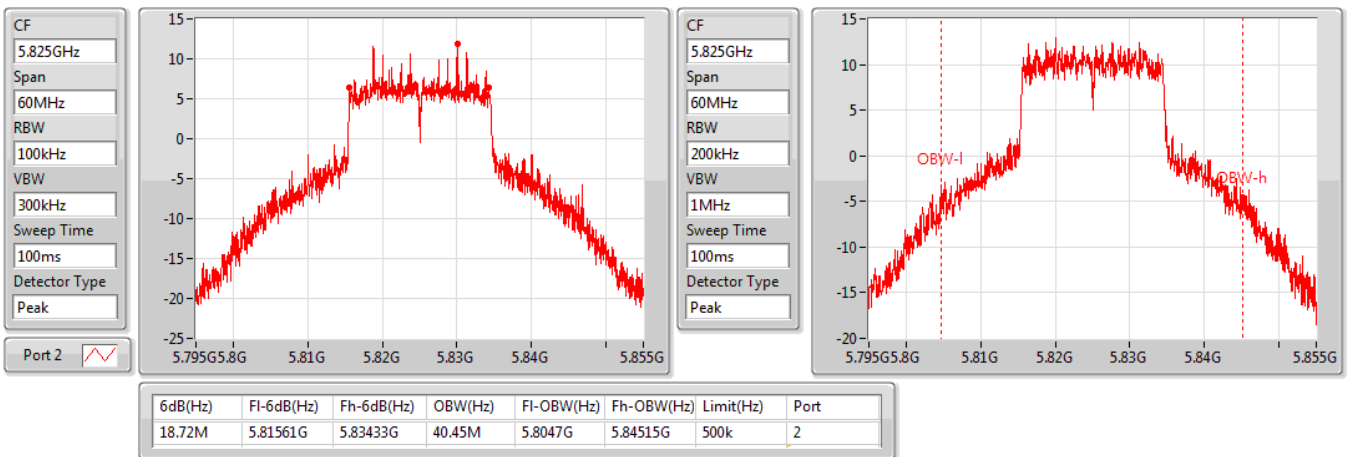


802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5785MHz

07/10/2020

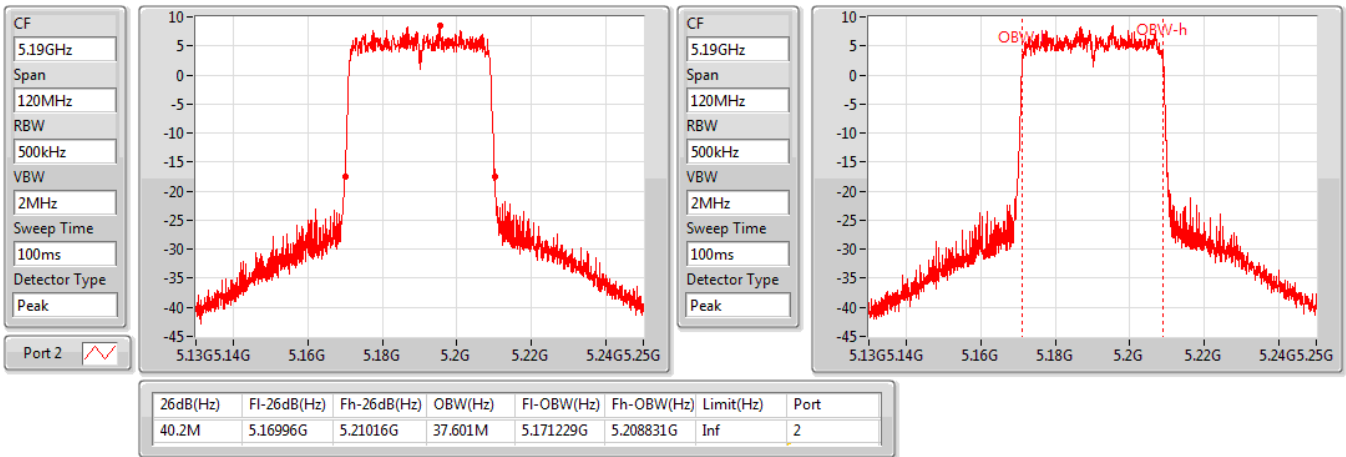

802.11ax HEW20_Nss1,(MCS0)_1TX
EBW
5825MHz

07/10/2020

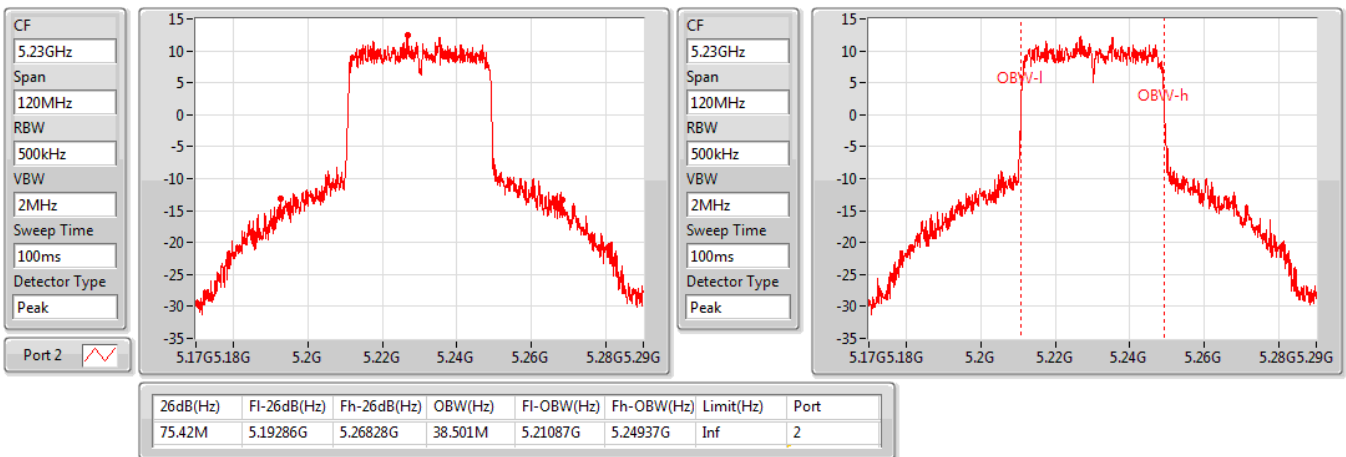


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5190MHz

07/10/2020

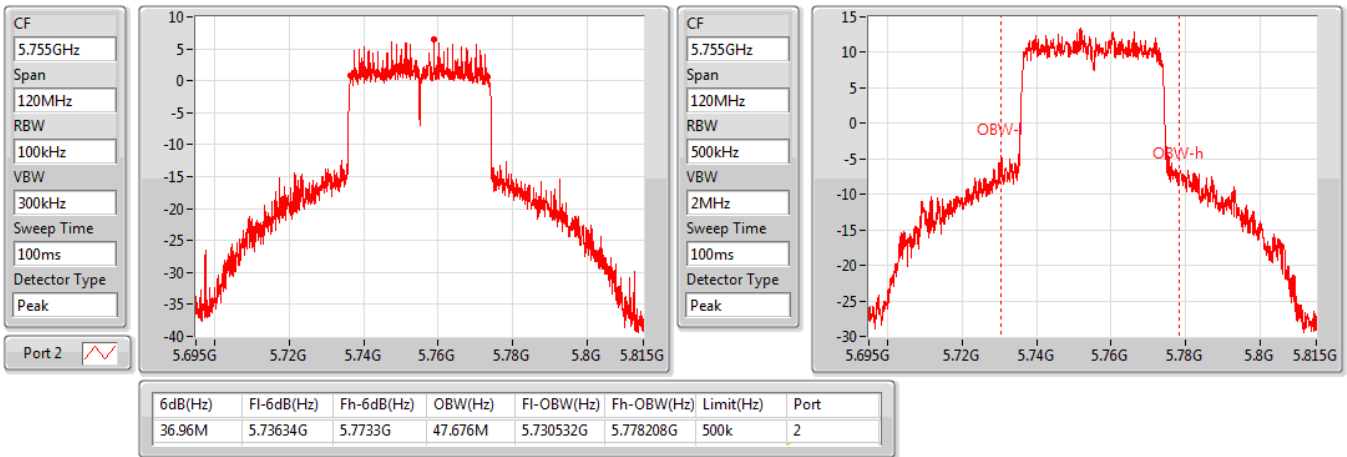

802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5230MHz

07/10/2020

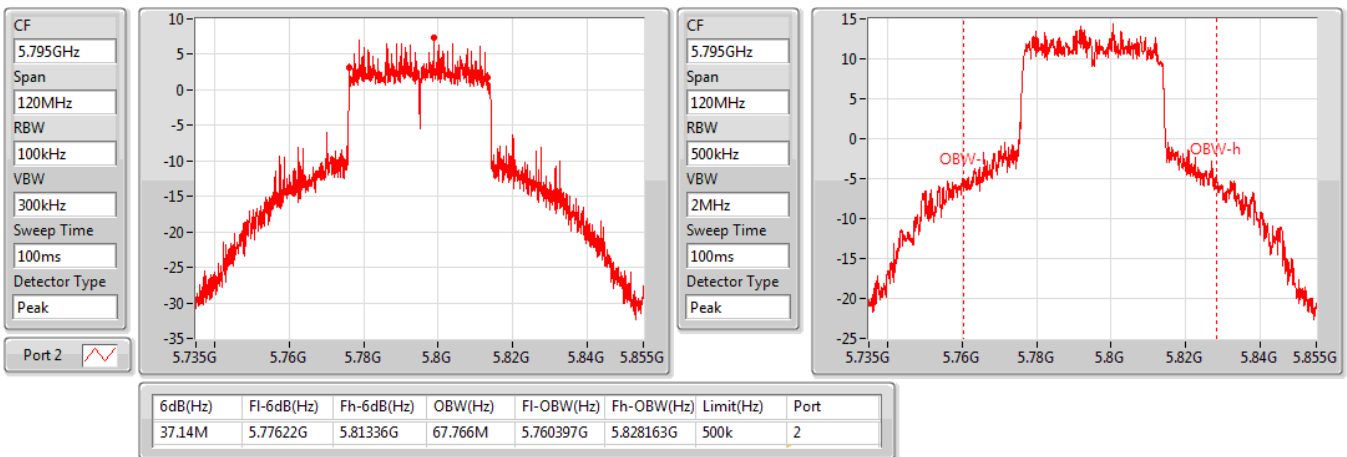


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5755MHz

07/10/2020


802.11ax HEW40_Nss1,(MCS0)_1TX
EBW
5795MHz

07/10/2020

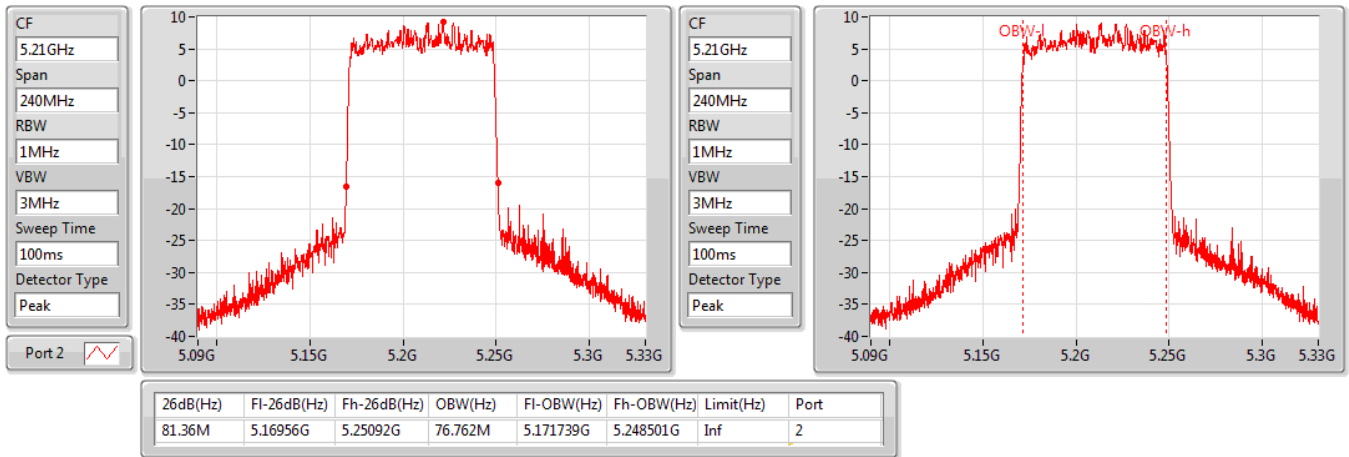


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5210MHz

07/10/2020

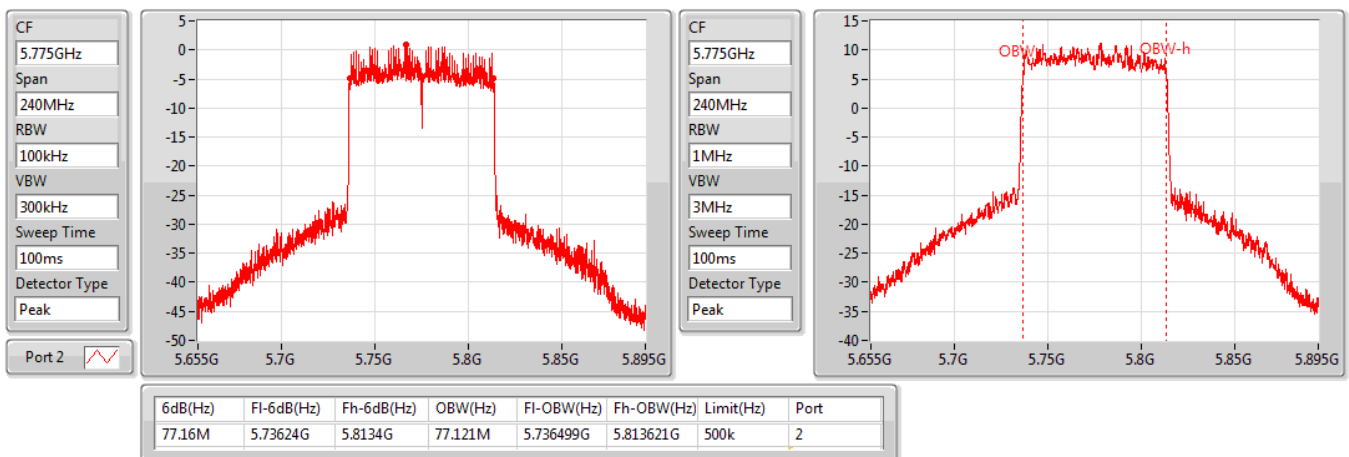


802.11ax HEW80_Nss1,(MCS0)_1TX

EBW

5775MHz

07/10/2020



For non beamforming mode 2TX 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	42.33M	26.477M	26M5D1D	27.24M	17.031M
802.11ax HEW20_Nss1,(MCS0)_2TX	43.05M	25.127M	25M1D1D	23.79M	19.1M
802.11ax HEW40_Nss1,(MCS0)_2TX	62.46M	37.961M	38M0D1D	39.9M	37.481M
802.11ax HEW80_Nss1,(MCS0)_2TX	81.48M	76.762M	76M8D1D	81.24M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.5M	43.448M	43M4D1D	16.29M	29.565M
802.11ax HEW20_Nss1,(MCS0)_2TX	18.93M	47.106M	47M1D1D	18.3M	31.694M
802.11ax HEW40_Nss1,(MCS0)_2TX	37.68M	63.328M	63M3D1D	37.32M	38.981M
802.11ax HEW80_Nss1,(MCS0)_2TX	76.32M	77.241M	77M2D1D	75.96M	77.121M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

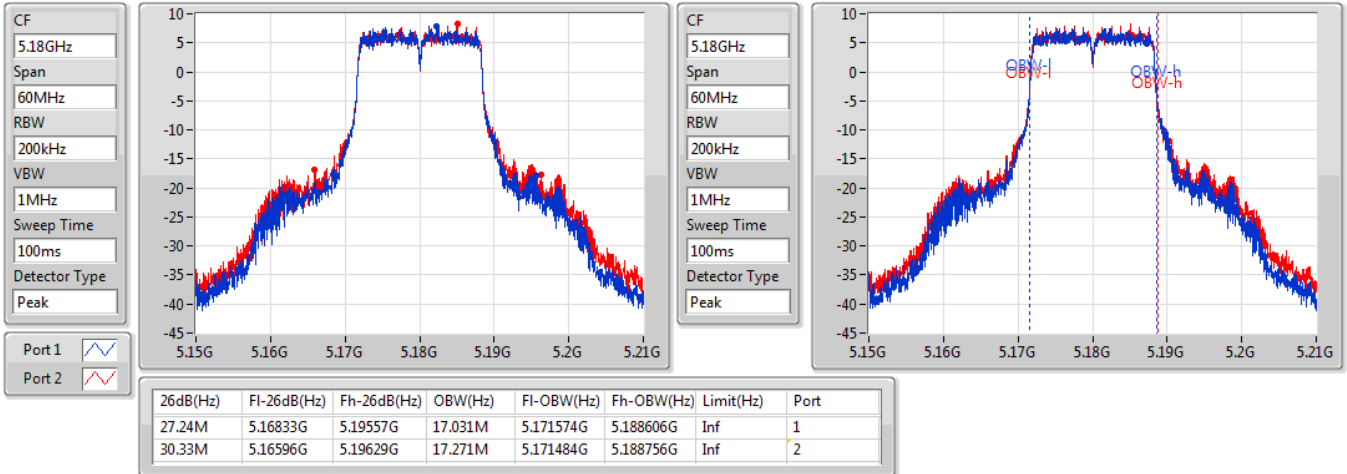
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	27.24M	17.031M	30.33M	17.271M
5200MHz	Pass	Inf	40.29M	23.148M	42.33M	26.477M
5240MHz	Pass	Inf	37.08M	17.631M	38.07M	19.16M
5745MHz	Pass	500k	16.29M	29.565M	16.29M	36.732M
5785MHz	Pass	500k	16.35M	32.174M	16.5M	43.448M
5825MHz	Pass	500k	16.32M	31.754M	16.32M	43.238M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	27.51M	19.1M	23.79M	19.13M
5200MHz	Pass	Inf	43.05M	21.589M	41.97M	25.127M
5240MHz	Pass	Inf	36.54M	19.34M	41.07M	19.61M
5745MHz	Pass	500k	18.6M	31.694M	18.48M	38.801M
5785MHz	Pass	500k	18.69M	34.363M	18.3M	47.106M
5825MHz	Pass	500k	18.51M	34.303M	18.93M	46.327M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.14M	37.481M	39.9M	37.601M
5230MHz	Pass	Inf	60.78M	37.901M	62.46M	37.961M
5755MHz	Pass	500k	37.32M	38.981M	37.62M	44.798M
5795MHz	Pass	500k	37.68M	53.733M	37.62M	63.328M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.24M	76.762M	81.48M	76.762M
5775MHz	Pass	500k	76.32M	77.121M	75.96M	77.241M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

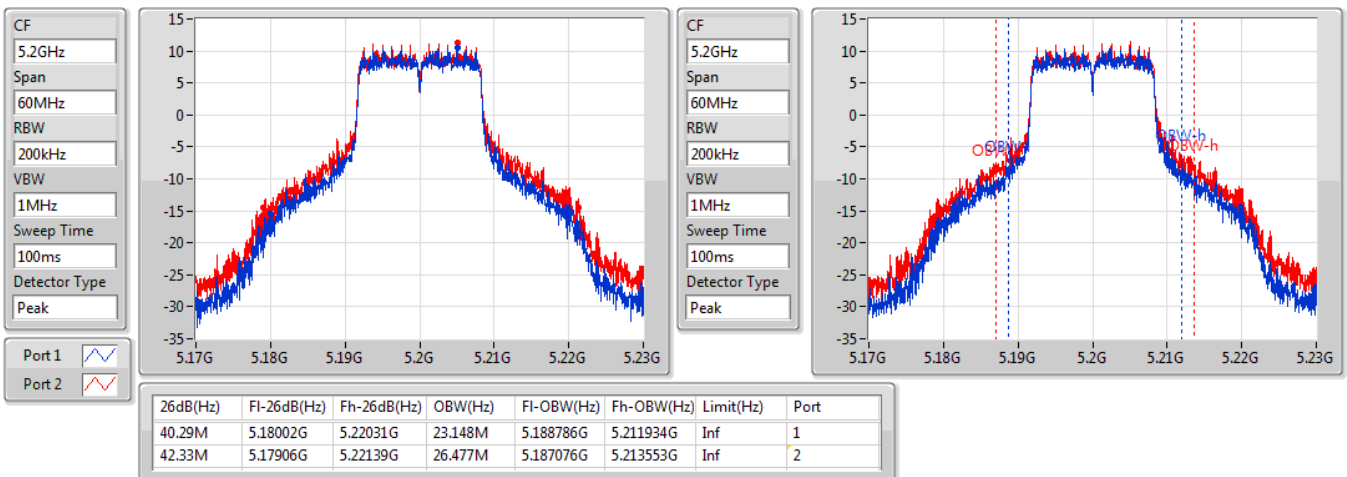
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5180MHz

06/10/2020

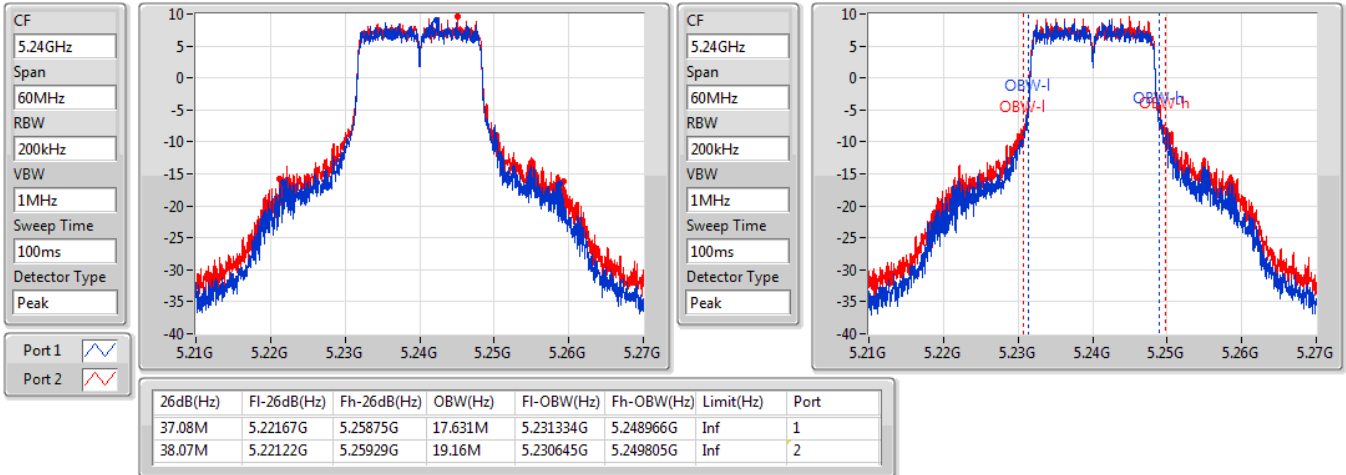

802.11a_Nss1,(6Mbps)_2TX
EBW
5200MHz

06/10/2020

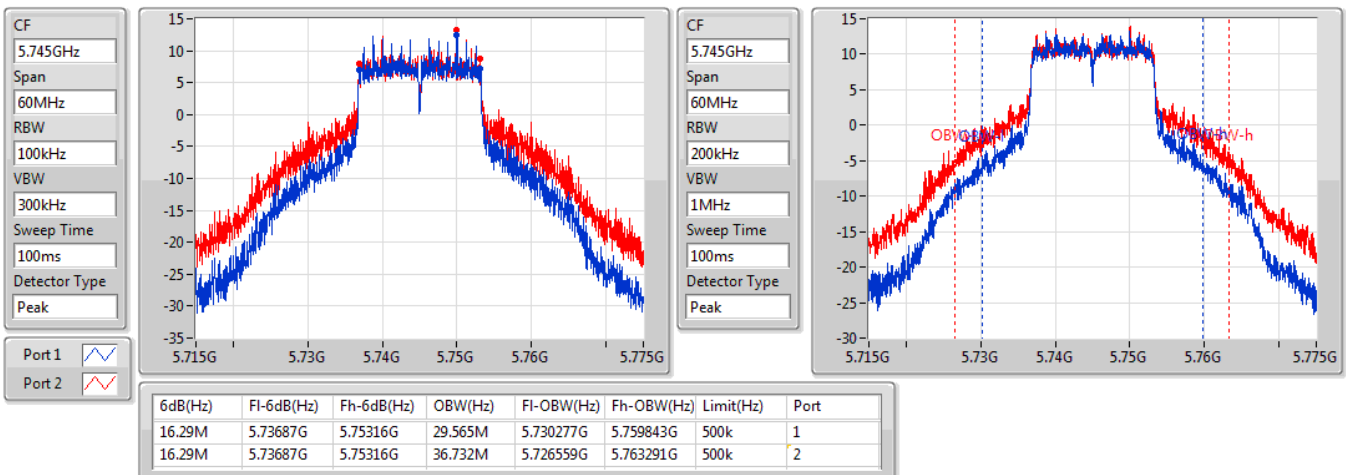


802.11a_Nss1,(6Mbps)_2TX
EBW
5240MHz

06/10/2020

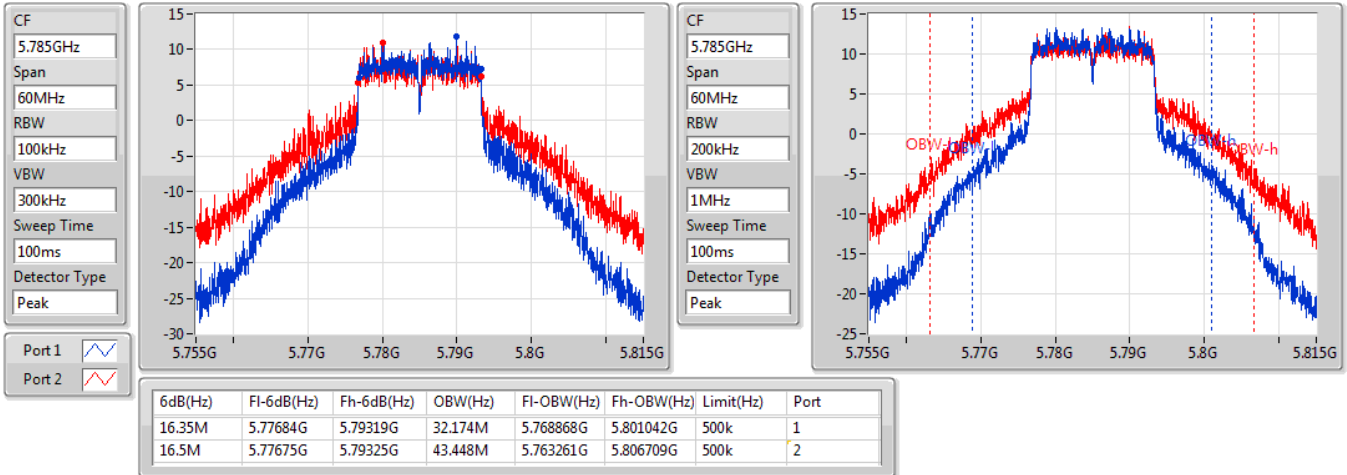

802.11a_Nss1,(6Mbps)_2TX
EBW
5745MHz

06/10/2020

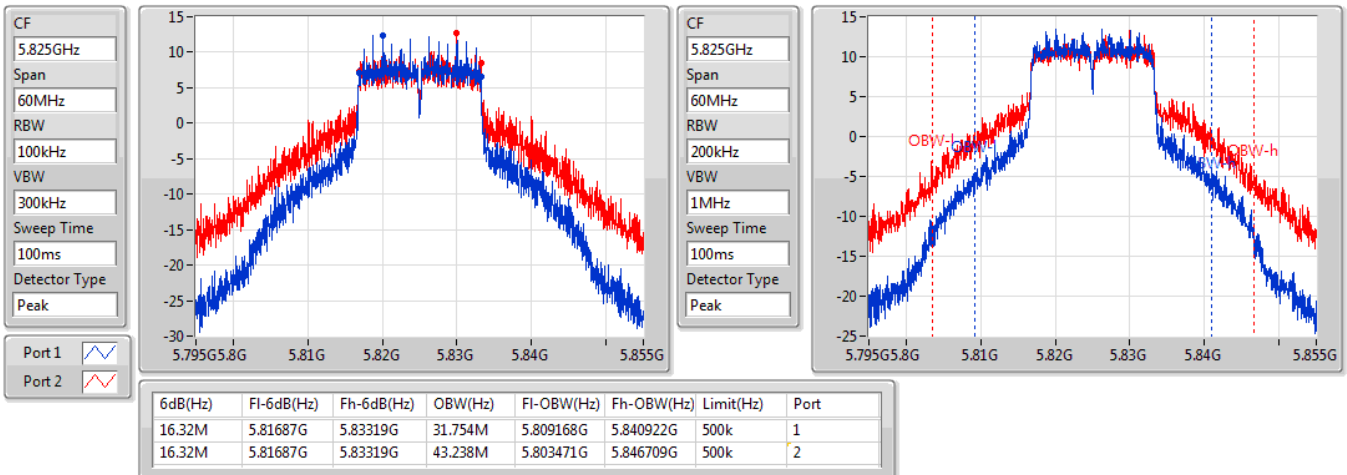


802.11a_Nss1,(6Mbps)_2TX
EBW
5785MHz

06/10/2020


802.11a_Nss1,(6Mbps)_2TX
EBW
5825MHz

06/10/2020

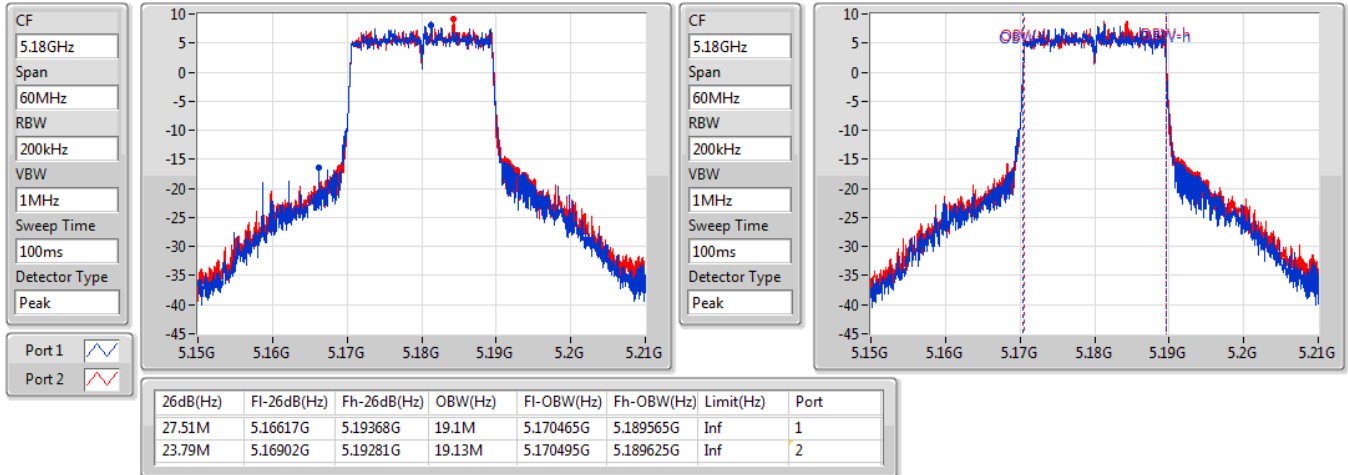


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5180MHz

06/10/2020

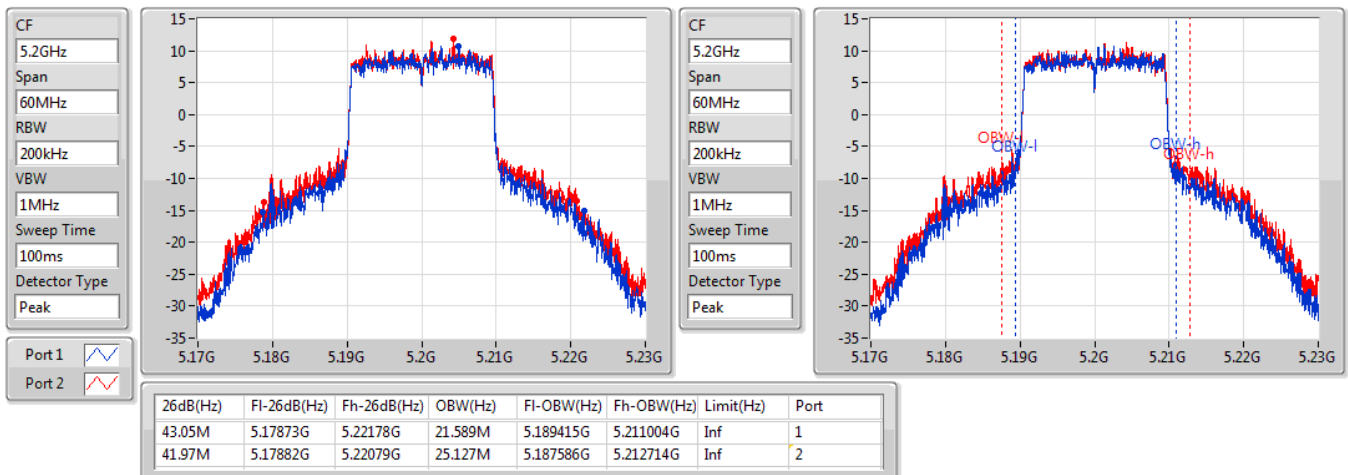


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

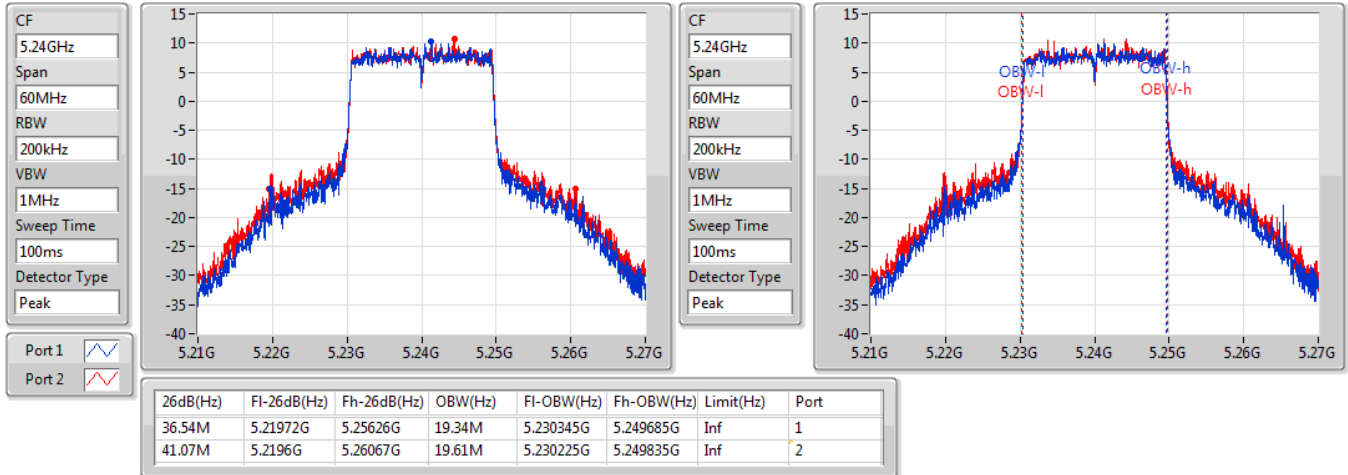
5200MHz

06/10/2020

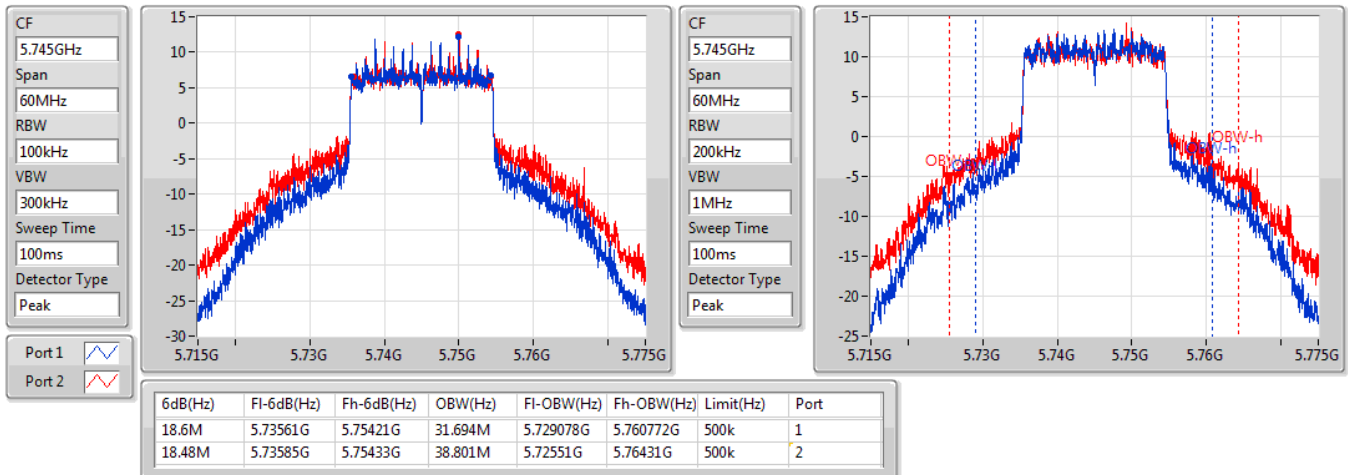


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5240MHz

06/10/2020

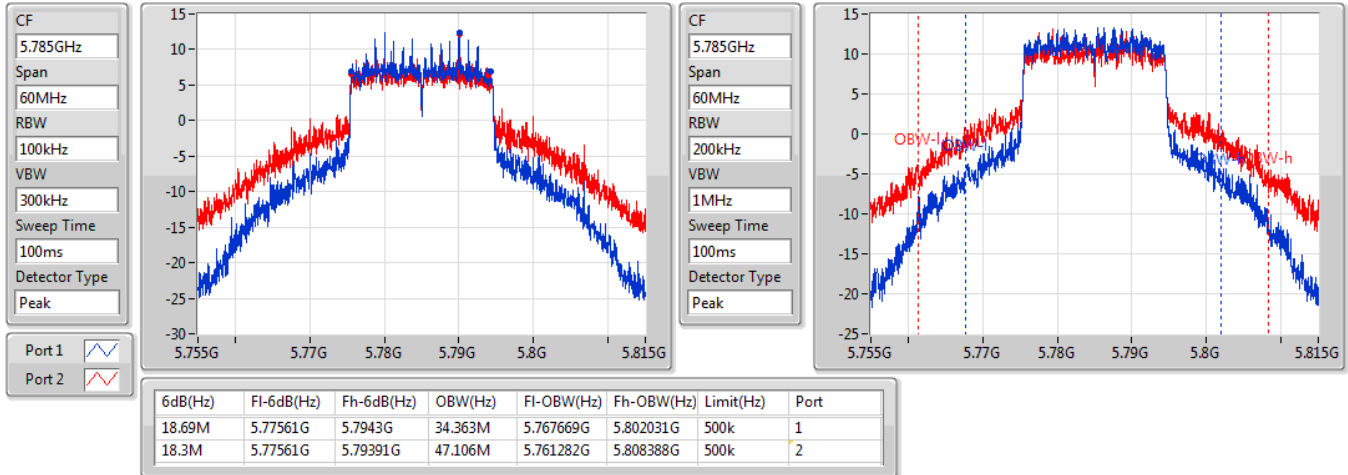

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5745MHz

06/10/2020

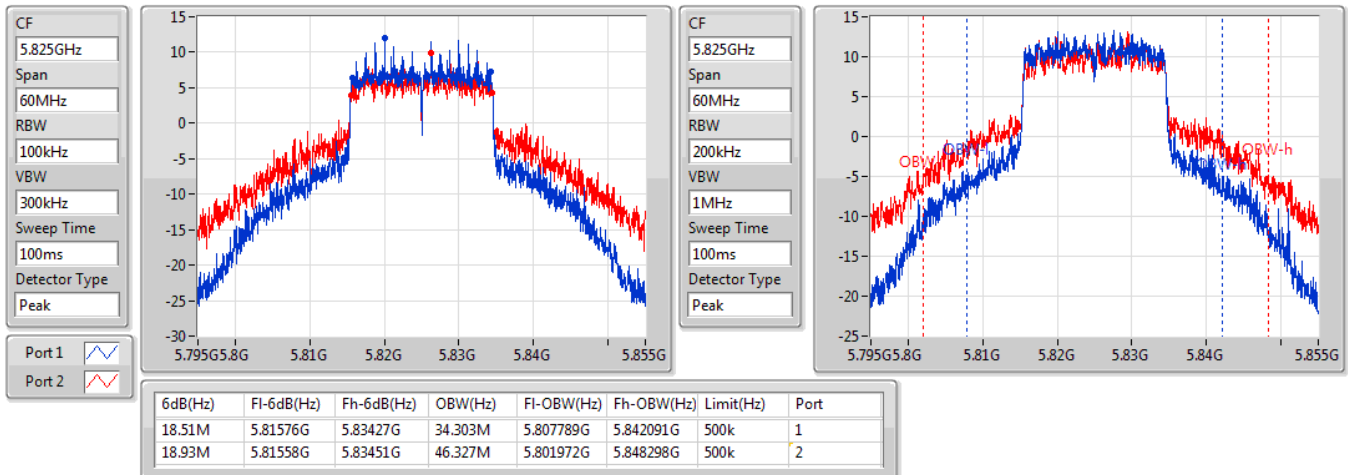


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5785MHz

06/10/2020


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5825MHz

06/10/2020

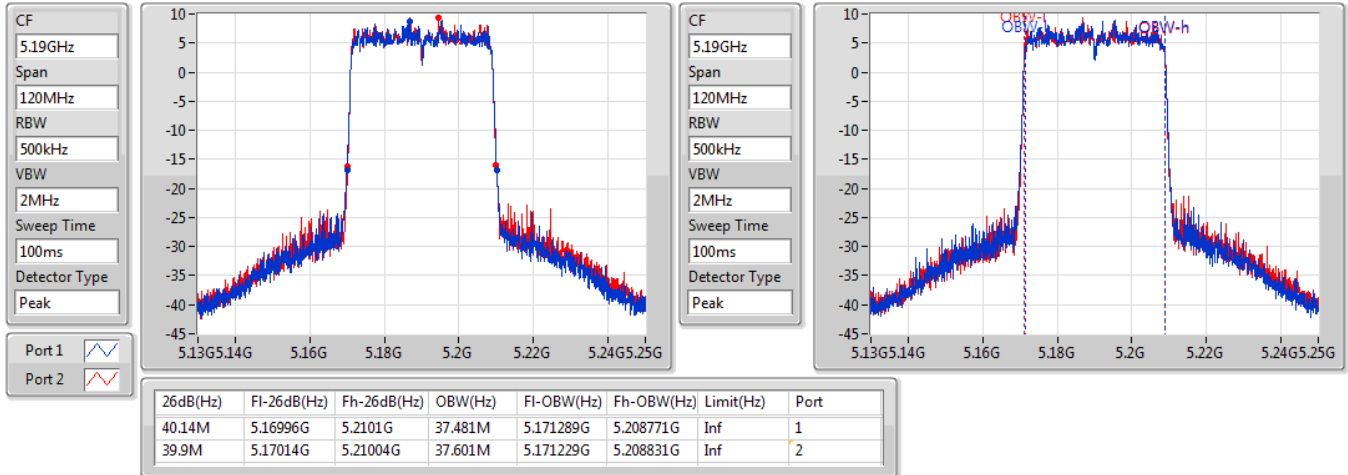


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5190MHz

06/10/2020

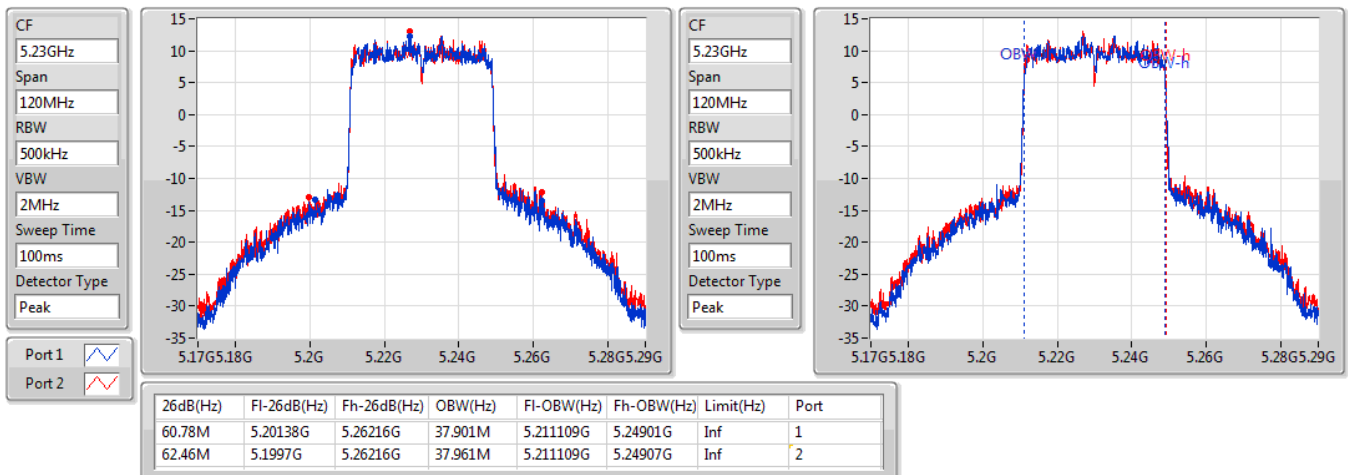


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5230MHz

06/10/2020

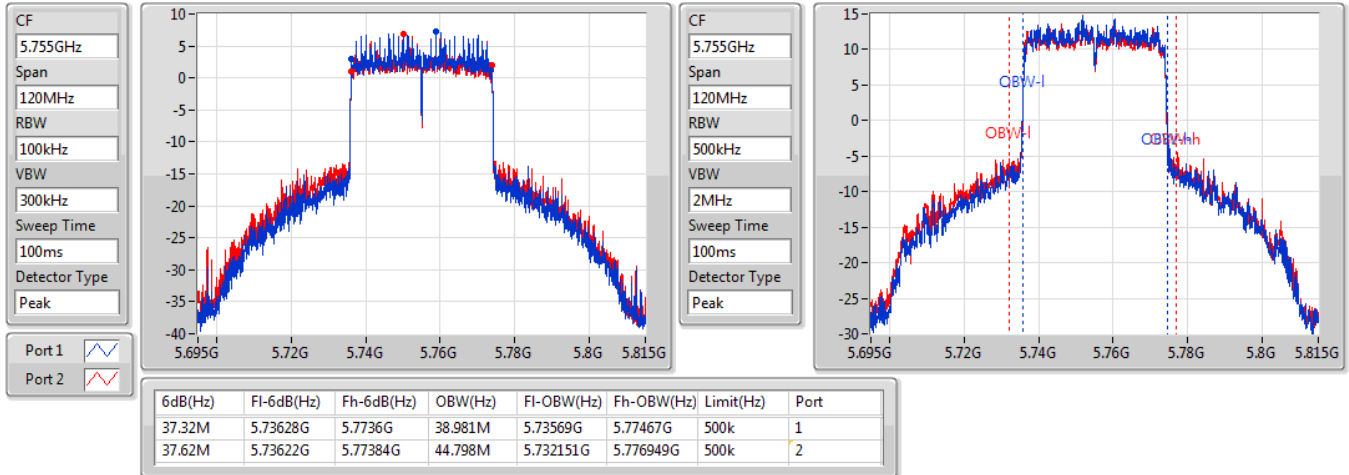


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

5755MHz

06/10/2020

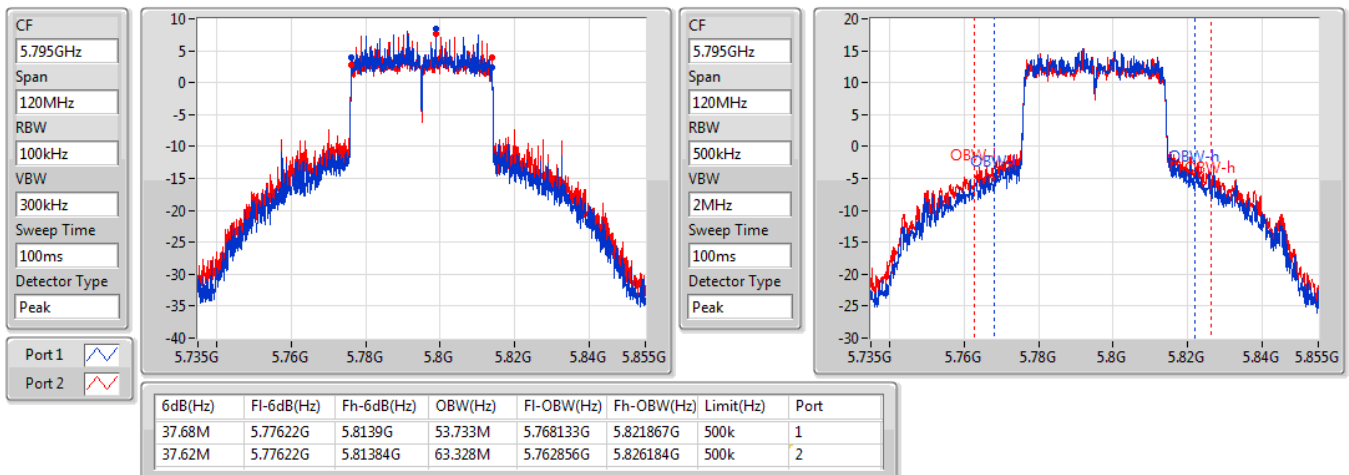


802.11ax HEW40_Nss1,(MCS0)_2TX

EBW

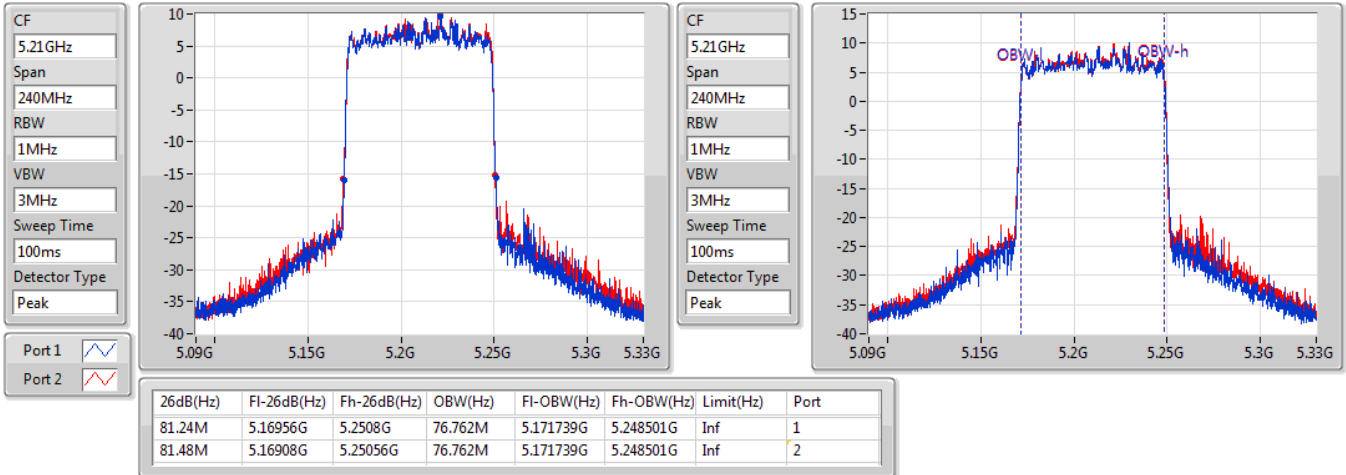
5795MHz

06/10/2020

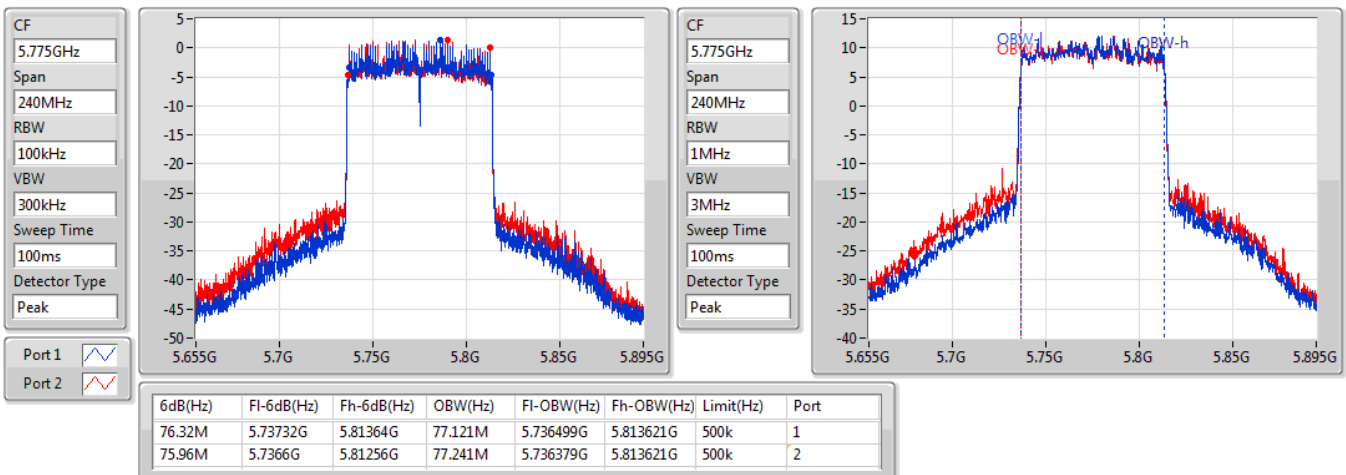


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5210MHz

06/10/2020


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5775MHz

06/10/2020



For beamforming mode 2TX Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	43.86M	26.357M	26M4D1D	23.88M	19.07M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	62.82M	37.901M	37M9D1D	39.84M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.48M	76.762M	76M8D1D	81.24M	76.762M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.84M	40.24M	40M2D1D	18.63M	31.424M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	37.62M	63.388M	63M4D1D	36.78M	38.801M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	76.44M	76.882M	76M9D1D	75.24M	76.882M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	23.88M	19.07M	23.91M	19.16M
5200MHz	Pass	Inf	42.12M	21.559M	43.86M	26.357M
5240MHz	Pass	Inf	37.62M	19.37M	41.04M	19.94M
5745MHz	Pass	500k	18.66M	31.424M	18.63M	38.711M
5785MHz	Pass	500k	18.66M	32.804M	18.75M	40.24M
5825MHz	Pass	500k	18.69M	32.384M	18.84M	38.141M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	40.08M	37.481M	39.84M	37.541M
5230MHz	Pass	Inf	62.82M	37.901M	61.56M	37.901M
5755MHz	Pass	500k	37.62M	38.801M	37.62M	45.637M
5795MHz	Pass	500k	37.02M	53.253M	36.78M	63.388M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	81.48M	76.762M	81.24M	76.762M
5775MHz	Pass	500k	76.44M	76.882M	75.24M	76.882M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

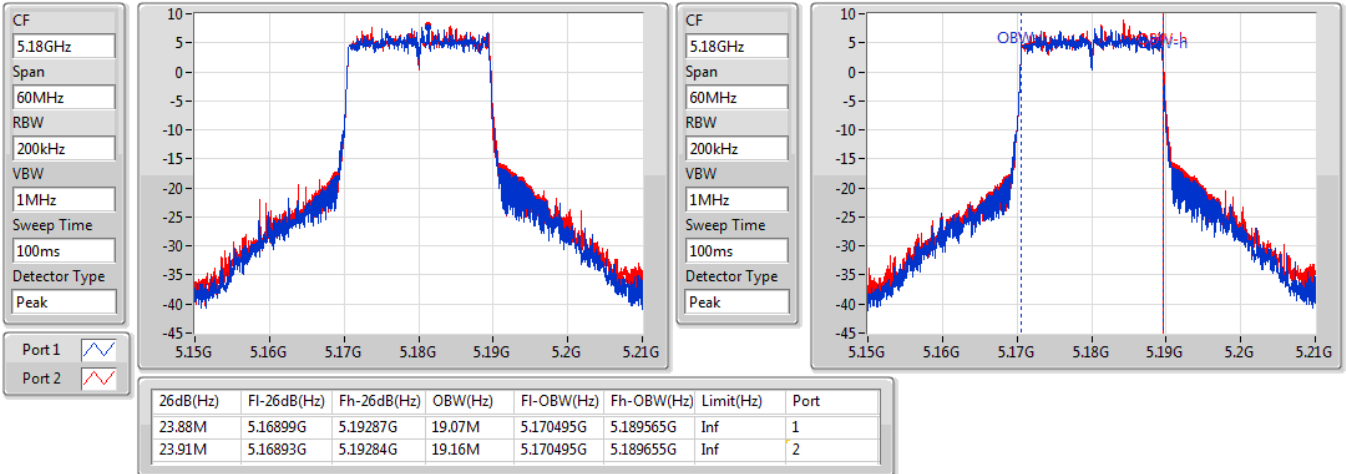
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5180MHz

06/10/2020

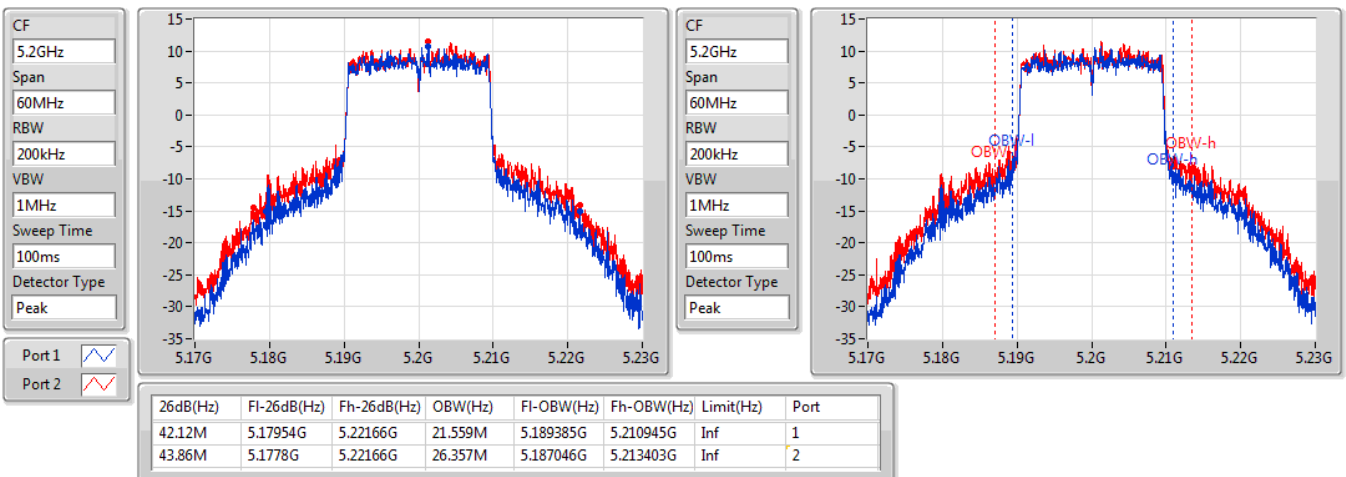


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

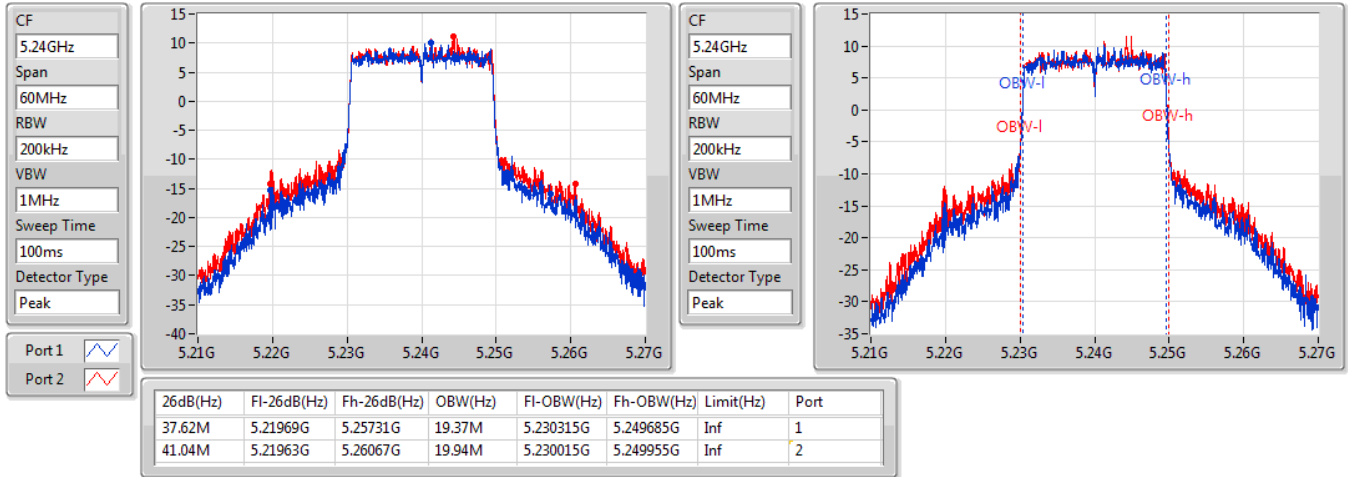
5200MHz

06/10/2020

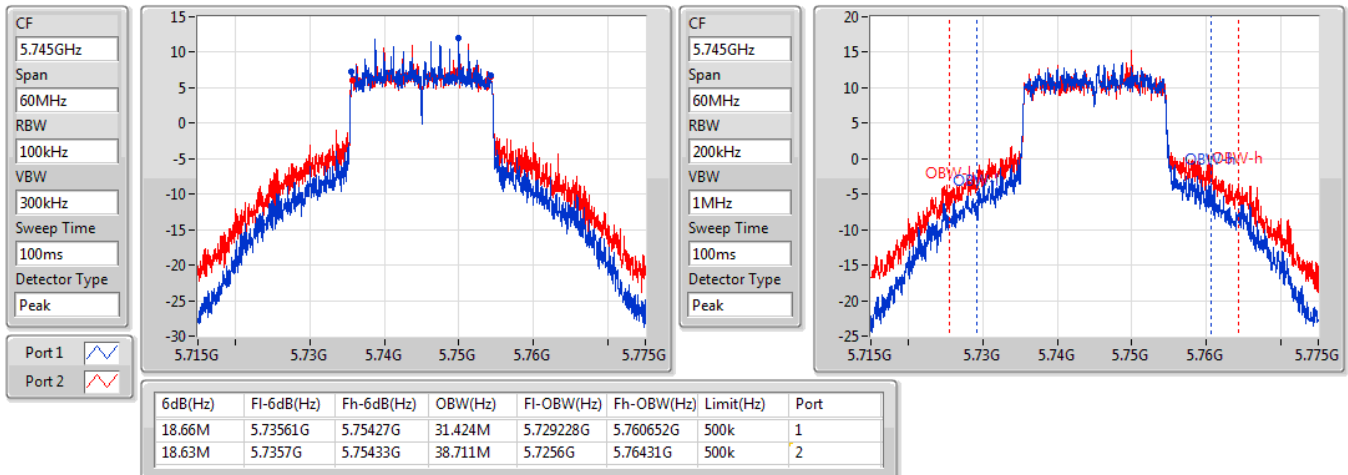


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5240MHz

06/10/2020

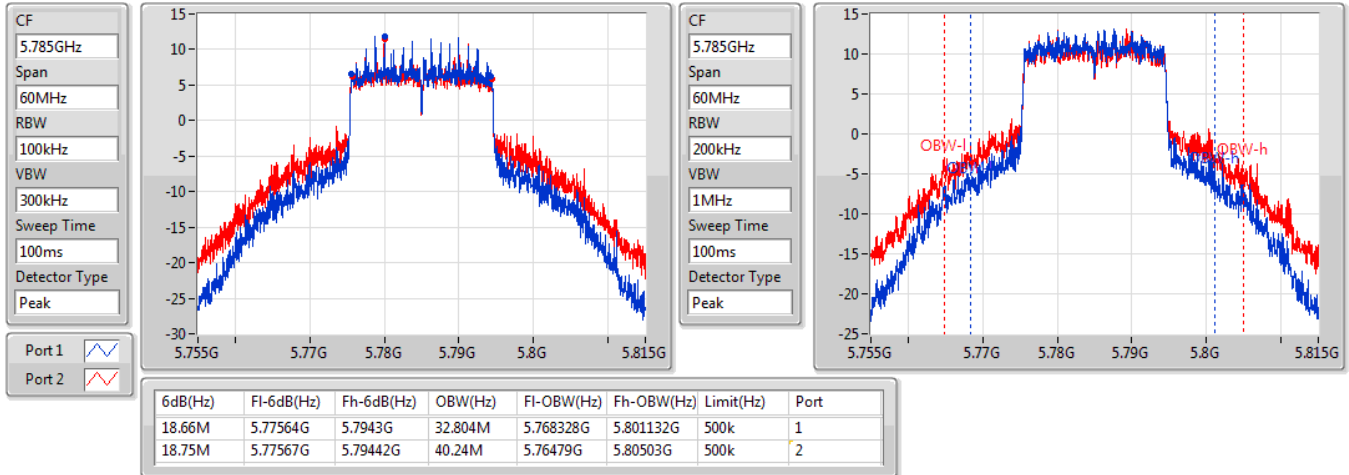

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5745MHz

06/10/2020

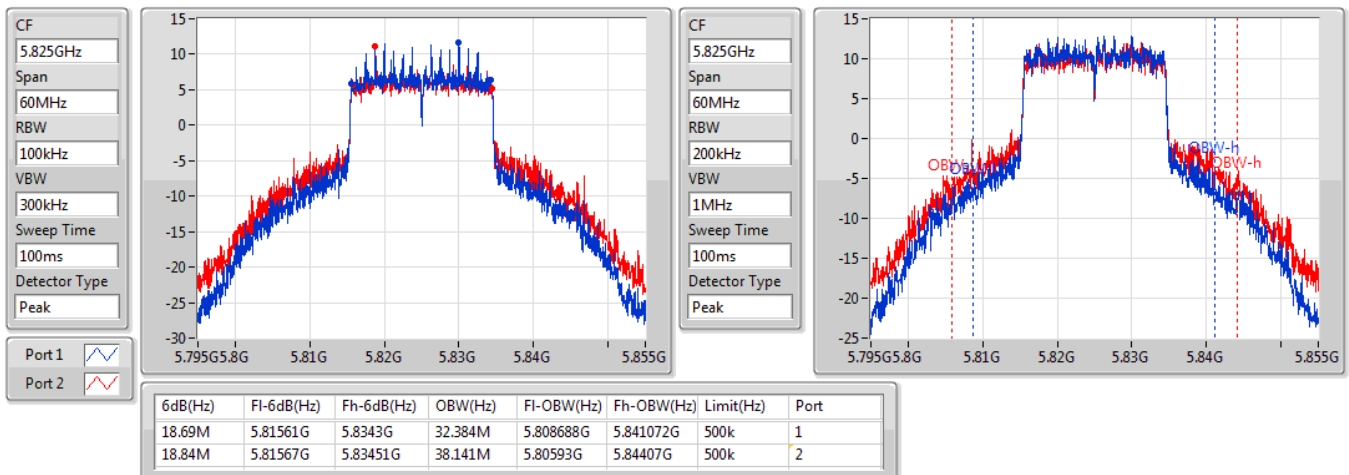


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5785MHz

06/10/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5825MHz

06/10/2020

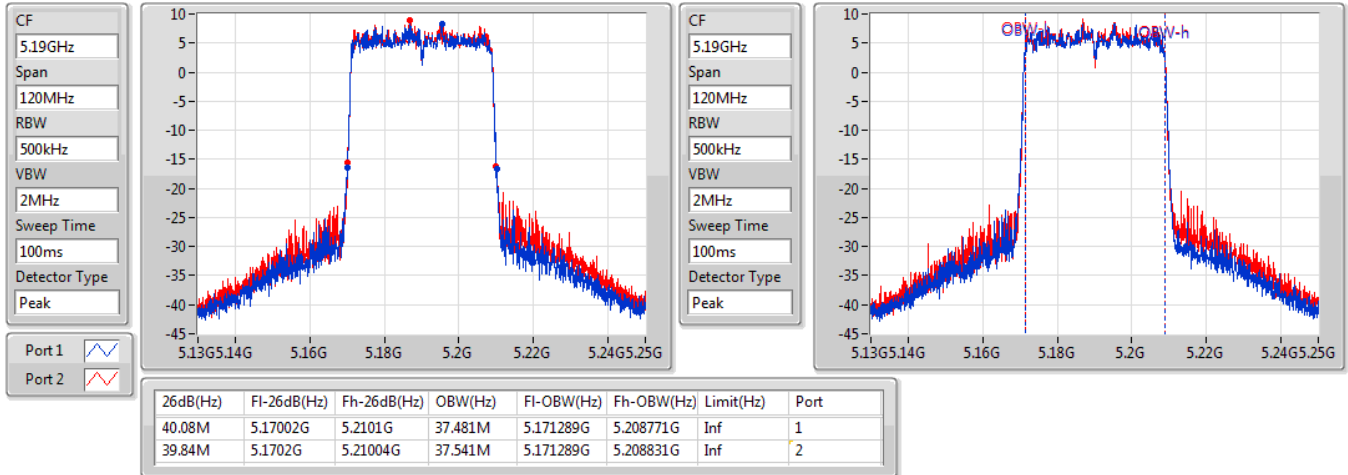


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5190MHz

06/10/2020

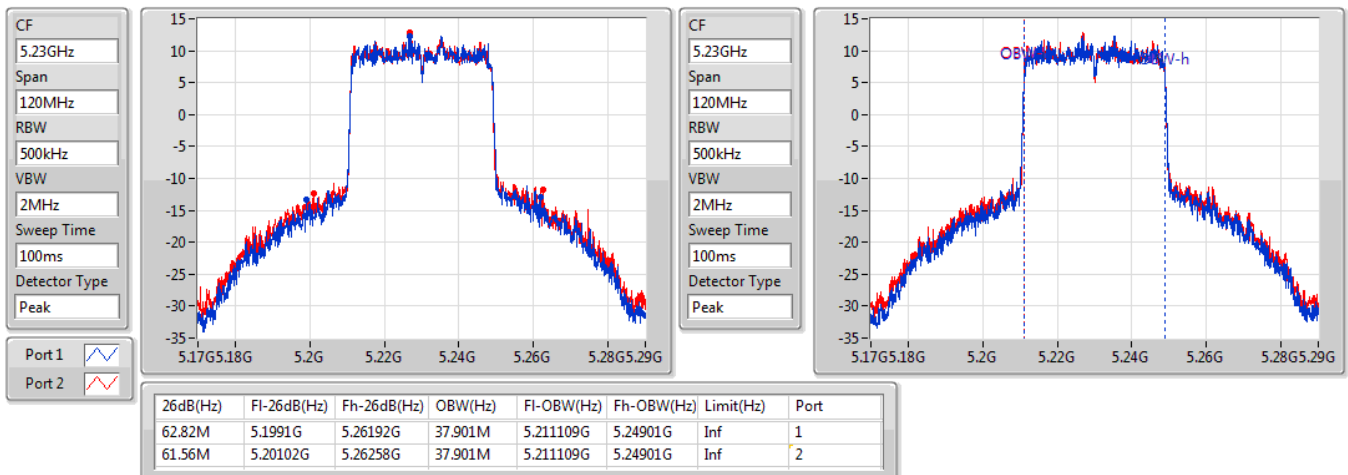


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5230MHz

06/10/2020

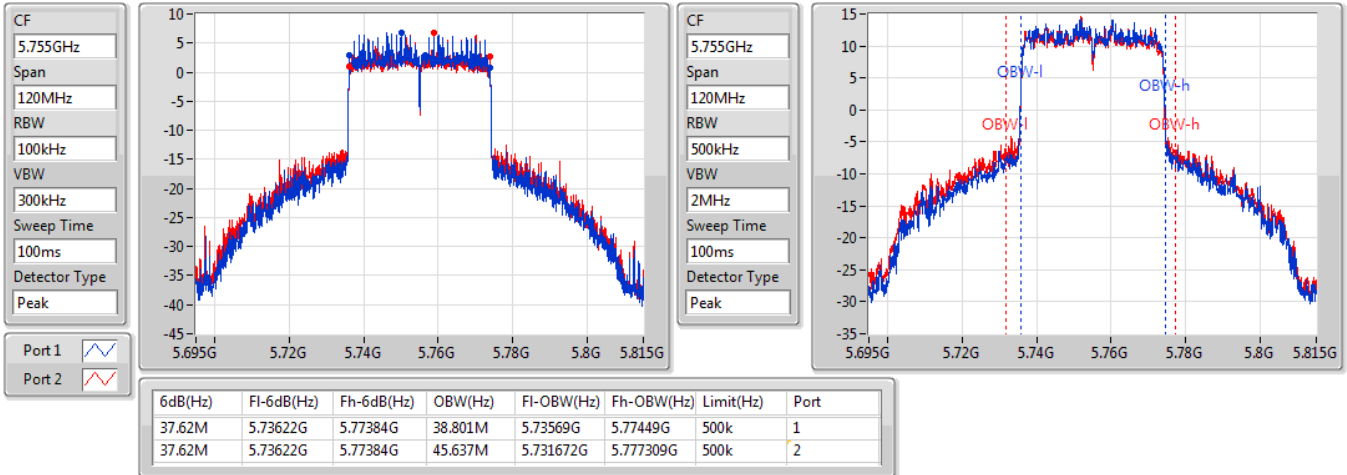


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5755MHz

06/10/2020

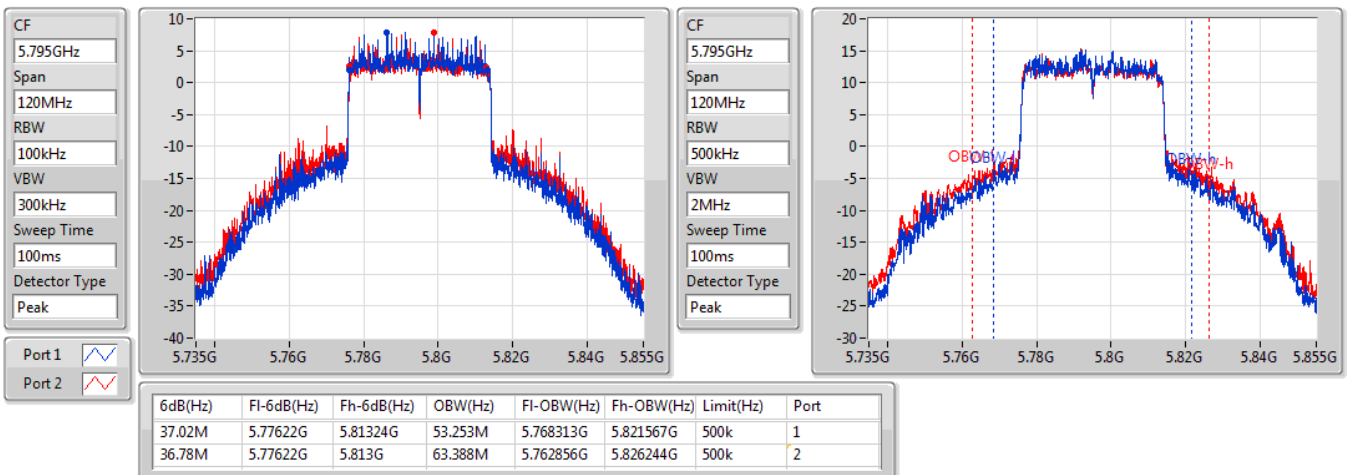


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

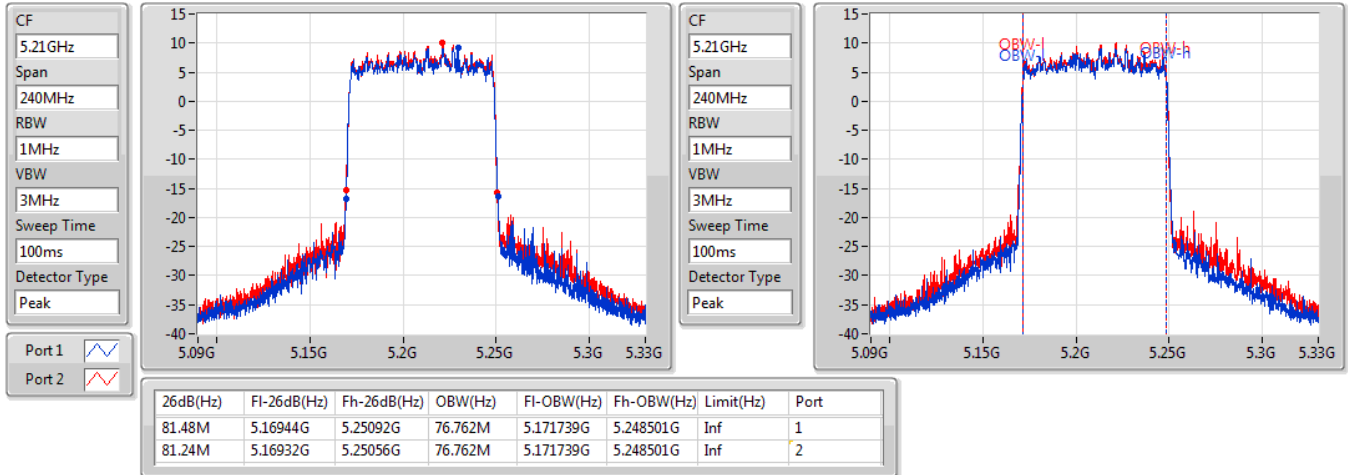
5795MHz

06/10/2020

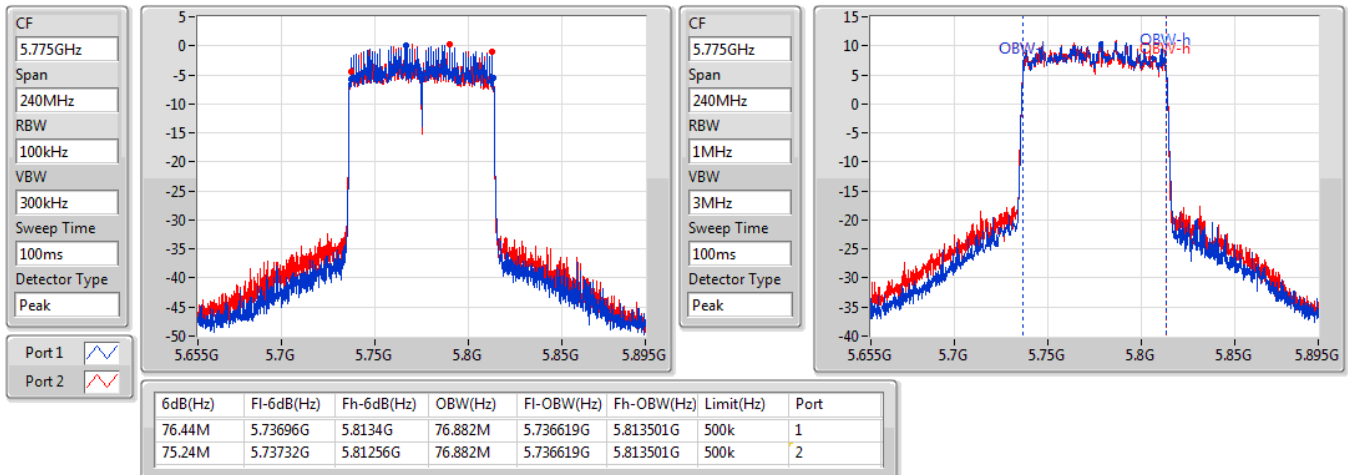


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5210MHz

06/10/2020


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5775MHz

06/10/2020





For Dual Band Radio
For non beamforming mode 1TX
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.78	0.15066
802.11ax HEW20_Nss1,(MCS0)_1TX	21.16	0.13062
802.11ax HEW40_Nss1,(MCS0)_1TX	20.31	0.10740
802.11ax HEW80_Nss1,(MCS0)_1TX	16.57	0.04539

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.00	18.43	18.43	30.00	17.75
5200MHz	Pass	6.00	21.78	21.78	30.00	21.5
5240MHz	Pass	6.00	20.39	20.39	30.00	19.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.00	18.12	18.12	30.00	17
5200MHz	Pass	6.00	21.16	21.16	30.00	20.5
5240MHz	Pass	6.00	20.13	20.13	30.00	18.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	6.00	16.23	16.23	30.00	14.75
5230MHz	Pass	6.00	20.31	20.31	30.00	19.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	6.00	16.57	16.57	30.00	15.25

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

Note : Conducted setting = Pass conducted setting division 4.



**For non beamforming mode 2TX
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.84	0.24210
802.11ax HEW20_Nss1,(MCS0)_2TX	23.33	0.21528
802.11ax HEW40_Nss1,(MCS0)_2TX	22.16	0.16444
802.11ax HEW80_Nss1,(MCS0)_2TX	18.74	0.07482
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.47	0.35237
802.11ax HEW20_Nss1,(MCS0)_2TX	25.88	0.38726
802.11ax HEW40_Nss1,(MCS0)_2TX	24.71	0.29580
802.11ax HEW80_Nss1,(MCS0)_2TX	21.06	0.12764

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	6.00	17.54	17.49	20.53	30.00	17
5200MHz	Pass	6.00	20.89	20.77	23.84	30.00	20.5
5240MHz	Pass	6.00	19.52	19.34	22.44	30.00	19
5745MHz	Pass	6.00	22.47	22.45	25.47	30.00	22
5785MHz	Pass	6.00	22.32	22.37	25.36	30.00	22
5825MHz	Pass	6.00	21.78	21.97	24.89	30.00	22
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	6.00	16.81	16.75	19.79	30.00	15.75
5200MHz	Pass	6.00	20.41	20.22	23.33	30.00	19.75
5240MHz	Pass	6.00	19.86	19.71	22.80	30.00	19
5745MHz	Pass	6.00	22.36	22.23	25.31	30.00	21.75
5785MHz	Pass	6.00	22.90	22.83	25.88	30.00	22
5825MHz	Pass	6.00	22.47	22.54	25.52	30.00	22
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	6.00	16.10	16.15	19.14	30.00	15.25
5230MHz	Pass	6.00	19.32	18.98	22.16	30.00	18.5
5755MHz	Pass	6.00	20.43	20.30	23.38	30.00	19.75
5795MHz	Pass	6.00	21.77	21.62	24.71	30.00	21.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	6.00	15.77	15.69	18.74	30.00	15.25
5775MHz	Pass	6.00	18.18	17.92	21.06	30.00	17.25

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

Note : Conducted setting = Pass conducted setting division 4.



**For beamforming mode 2TX
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.51	0.28249
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.42	0.17458
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.18	0.08279



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	9.01	18.57	18.70	21.65	26.99	17.5
5200MHz	Pass	9.01	21.52	21.48	24.51	26.99	20.75
5240MHz	Pass	9.01	19.12	19.38	22.26	26.99	18.5
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	9.01	15.27	15.55	18.42	26.99	14.5
5230MHz	Pass	9.01	19.22	19.59	22.42	26.99	18.75
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	9.01	16.11	16.23	19.18	26.99	15.5

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

Note : Conducted setting = Pass conducted setting division 4.



For 5G Radio
For non beamforming mode 1TX
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.55	0.14289
802.11ax HEW20_Nss1,(MCS0)_1TX	21.04	0.12706
802.11ax HEW40_Nss1,(MCS0)_1TX	20.08	0.10186
802.11ax HEW80_Nss1,(MCS0)_1TX	16.53	0.04498
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	22.96	0.19770
802.11ax HEW20_Nss1,(MCS0)_1TX	22.93	0.19634
802.11ax HEW40_Nss1,(MCS0)_1TX	22.19	0.16558
802.11ax HEW80_Nss1,(MCS0)_1TX	18.87	0.07709

Result

Mode	Result	DG (dBi)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.60	18.70	18.70	29.40	18
5200MHz	Pass	6.60	21.55	21.55	29.40	21.25
5240MHz	Pass	6.60	20.12	20.12	29.40	19.75
5745MHz	Pass	6.60	22.87	22.87	29.40	22
5785MHz	Pass	6.60	22.96	22.96	29.40	22.25
5825MHz	Pass	6.60	22.56	22.56	29.40	22.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.60	18.34	18.34	29.40	17.25
5200MHz	Pass	6.60	21.04	21.04	29.40	20.5
5240MHz	Pass	6.60	20.08	20.08	29.40	19.5
5745MHz	Pass	6.60	22.93	22.93	29.40	22
5785MHz	Pass	6.60	22.60	22.60	29.40	22.25
5825MHz	Pass	6.60	22.61	22.61	29.40	22.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	6.60	16.29	16.29	29.40	15.25
5230MHz	Pass	6.60	20.08	20.08	29.40	19.5
5755MHz	Pass	6.60	21.13	21.13	29.40	20.5
5795MHz	Pass	6.60	22.19	22.19	29.40	22
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	6.60	16.53	16.53	29.40	15.75
5775MHz	Pass	6.60	18.87	18.87	29.40	18

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

Note : Conducted setting = Pass conducted setting division 4.



**For non beamforming mode 2TX
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.74	0.23659
802.11ax HEW20_Nss1,(MCS0)_2TX	23.37	0.21727
802.11ax HEW40_Nss1,(MCS0)_2TX	22.36	0.17219
802.11ax HEW80_Nss1,(MCS0)_2TX	18.98	0.07907
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	25.61	0.36392
802.11ax HEW20_Nss1,(MCS0)_2TX	25.41	0.34754
802.11ax HEW40_Nss1,(MCS0)_2TX	24.84	0.30479
802.11ax HEW80_Nss1,(MCS0)_2TX	21.41	0.13836

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	6.60	18.18	18.50	21.35	29.40	17.75
5200MHz	Pass	6.60	20.42	21.01	23.74	29.40	20.75
5240MHz	Pass	6.60	19.24	19.64	22.45	29.40	19.25
5745MHz	Pass	6.60	22.55	22.65	25.61	29.40	22
5785MHz	Pass	6.60	22.86	22.21	25.56	29.40	22.25
5825MHz	Pass	6.60	22.60	22.04	25.34	29.40	22.25
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5180MHz	Pass	6.60	17.65	17.72	20.70	29.40	16.75
5200MHz	Pass	6.60	20.15	20.56	23.37	29.40	20
5240MHz	Pass	6.60	19.30	19.71	22.52	29.40	19
5745MHz	Pass	6.60	22.46	22.34	25.41	29.40	21.75
5785MHz	Pass	6.60	22.74	22.03	25.41	29.40	22
5825MHz	Pass	6.60	22.37	21.77	25.09	29.40	22
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	6.60	15.90	16.01	18.97	29.40	15
5230MHz	Pass	6.60	19.32	19.38	22.36	29.40	18.75
5755MHz	Pass	6.60	21.34	20.97	24.17	29.40	20.25
5795MHz	Pass	6.60	22.02	21.64	24.84	29.40	21.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	6.60	15.89	16.04	18.98	29.40	15.25
5775MHz	Pass	6.60	18.35	18.45	21.41	29.40	17.5

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

Note : Conducted setting = Pass conducted setting division 4.



**For beamforming mode 2TX
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.37	0.21727
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.36	0.17219
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.98	0.07907
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.41	0.34754
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.84	0.30479
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.34	0.10814



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	
5180MHz	Pass	9.61	17.13	17.37	20.26	26.39	16.25
5200MHz	Pass	9.61	20.15	20.56	23.37	26.39	20
5240MHz	Pass	9.61	19.30	19.71	22.52	26.39	19
5745MHz	Pass	9.61	22.46	22.34	25.41	26.39	21.75
5785MHz	Pass	9.61	22.46	21.88	25.19	26.39	21.75
5825MHz	Pass	9.61	22.14	21.71	24.94	26.39	21.75
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	9.61	15.50	15.86	18.69	26.39	14.75
5230MHz	Pass	9.61	19.32	19.38	22.36	26.39	18.75
5755MHz	Pass	9.61	21.34	20.97	24.17	26.39	20.25
5795MHz	Pass	9.61	22.02	21.64	24.84	26.39	21.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	9.61	15.89	16.04	18.98	26.39	15.25
5775MHz	Pass	9.61	17.35	17.30	20.34	26.39	16.25

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

Note : Conducted setting = Pass conducted setting division 4.

For Dual Band Radio
For non beamforming mode 1TX
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.71
802.11ax HEW20_Nss1,(MCS0)_1TX	6.51
802.11ax HEW40_Nss1,(MCS0)_1TX	2.95
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.55

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	4.46	4.46	17.00
5200MHz	Pass	6.00	7.71	7.71	17.00
5240MHz	Pass	6.00	6.40	6.40	17.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	3.41	3.41	17.00
5200MHz	Pass	6.00	6.51	6.51	17.00
5240MHz	Pass	6.00	5.58	5.58	17.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.00	-1.25	-1.25	17.00
5230MHz	Pass	6.00	2.95	2.95	17.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.00	-3.55	-3.55	17.00

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

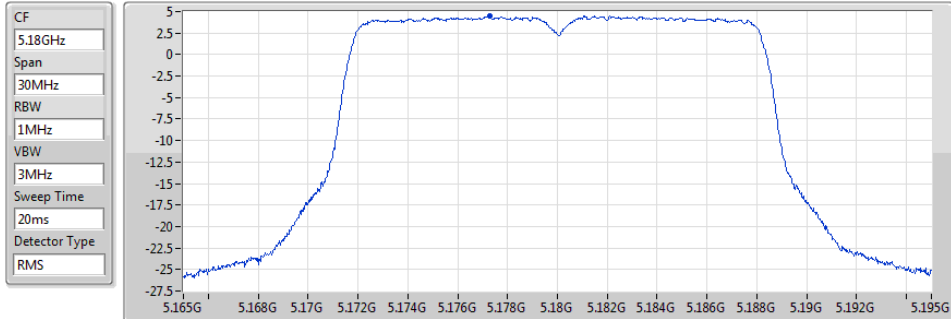
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

17/10/2020



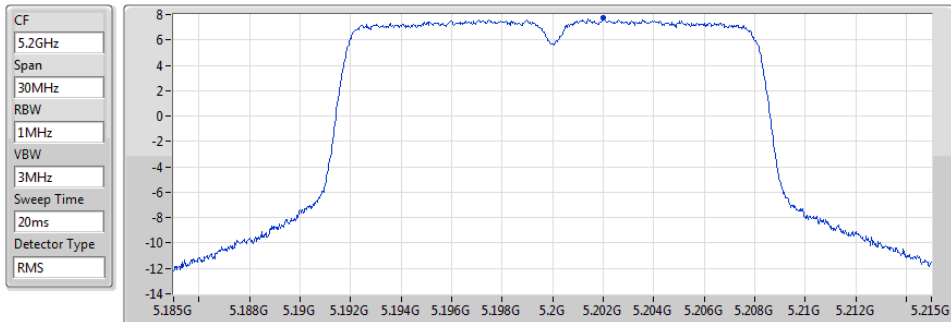
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	4.46

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

17/10/2020



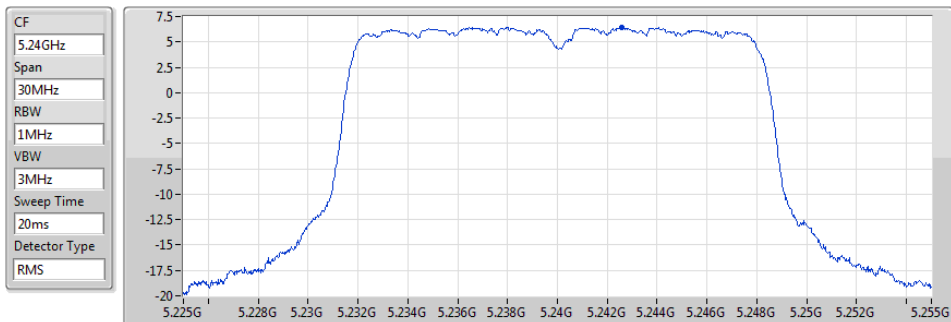
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	7.71

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

17/10/2020



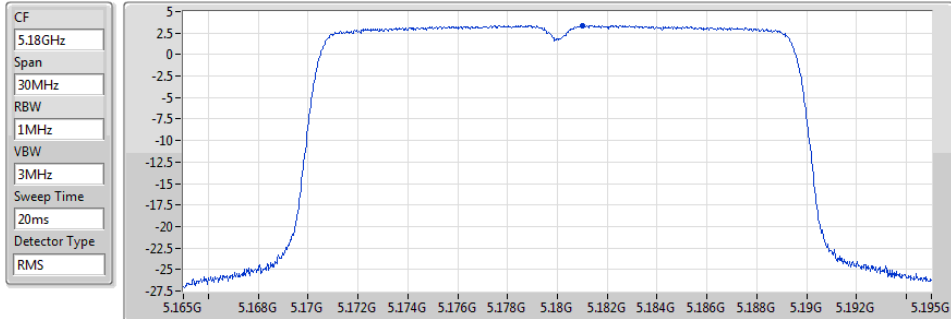
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.40	6.40	6.40

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

17/10/2020



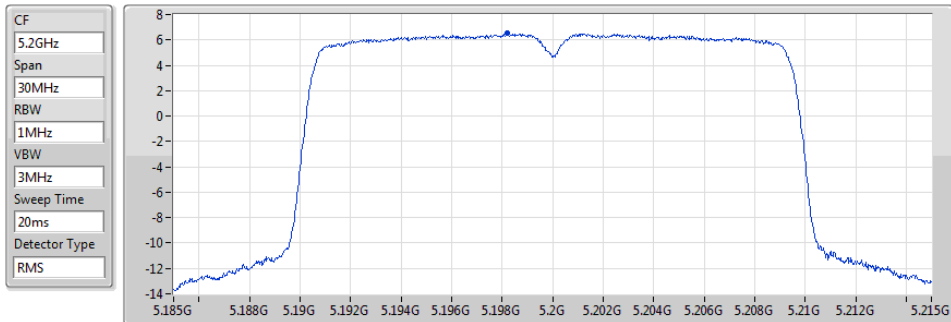
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.41	3.41	3.41

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

17/10/2020



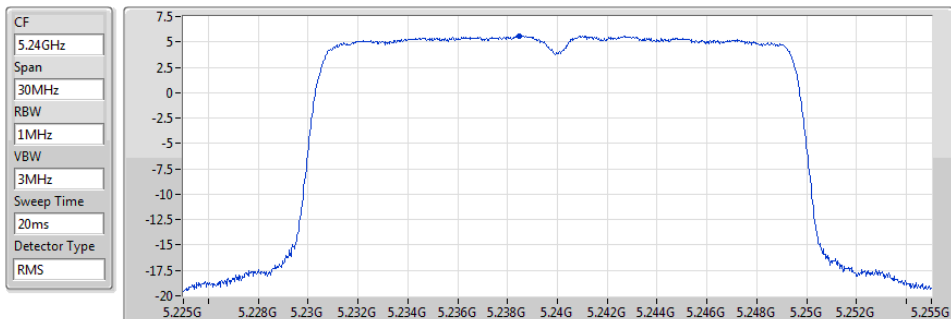
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.51	6.51	6.51

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

17/10/2020



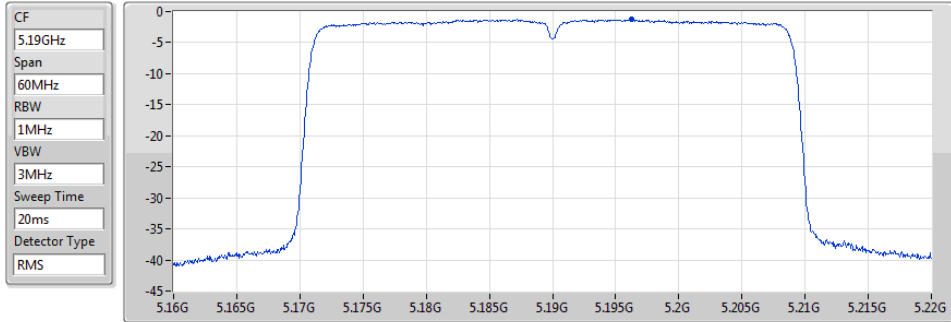
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.58	5.58	5.58

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

17/10/2020



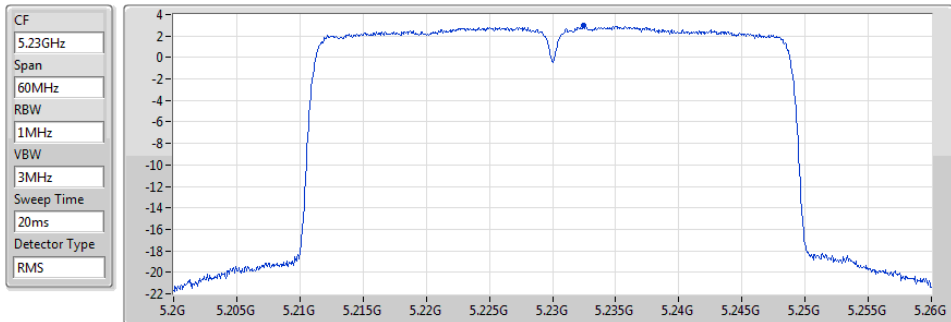
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.25	-1.25	-1.25

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

17/10/2020



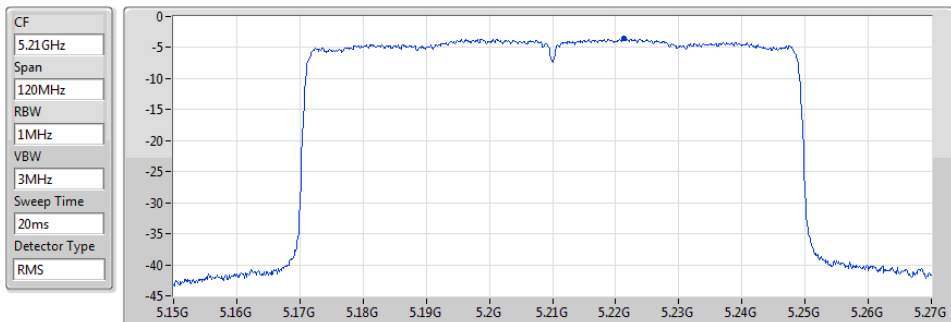
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.95	2.95	2.95

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

17/10/2020



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.55	-3.55	-3.55

**For non beamforming mode 2TX
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.78
802.11ax HEW20_Nss1,(MCS0)_2TX	12.10
802.11ax HEW40_Nss1,(MCS0)_2TX	5.84
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.18
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.94
802.11ax HEW20_Nss1,(MCS0)_2TX	10.24
802.11ax HEW40_Nss1,(MCS0)_2TX	6.67
802.11ax HEW80_Nss1,(MCS0)_2TX	0.56

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.01	4.52	4.46	7.44	13.99
5200MHz	Pass	9.01	7.92	7.83	10.78	13.99
5240MHz	Pass	9.01	6.60	6.41	9.48	13.99
5745MHz	Pass	9.01	8.16	8.01	10.94	26.99
5785MHz	Pass	9.01	7.75	7.74	10.74	26.99
5825MHz	Pass	9.01	7.35	7.42	10.25	26.99
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.01	3.26	3.29	6.20	13.99
5200MHz	Pass	9.01	6.99	6.59	9.74	13.99
5240MHz	Pass	9.01	9.28	9.04	12.10	13.99
5745MHz	Pass	9.01	7.33	7.20	10.24	26.99
5785MHz	Pass	9.01	7.35	6.32	9.86	26.99
5825MHz	Pass	9.01	7.09	7.00	9.96	26.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.01	-0.21	-0.18	2.73	13.99
5230MHz	Pass	9.01	3.02	2.71	5.84	13.99
5755MHz	Pass	9.01	2.62	2.52	5.51	26.99
5795MHz	Pass	9.01	3.82	3.64	6.67	26.99
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.01	-3.24	-3.10	-0.18	13.99
5775MHz	Pass	9.01	-2.22	-2.58	0.56	26.99

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

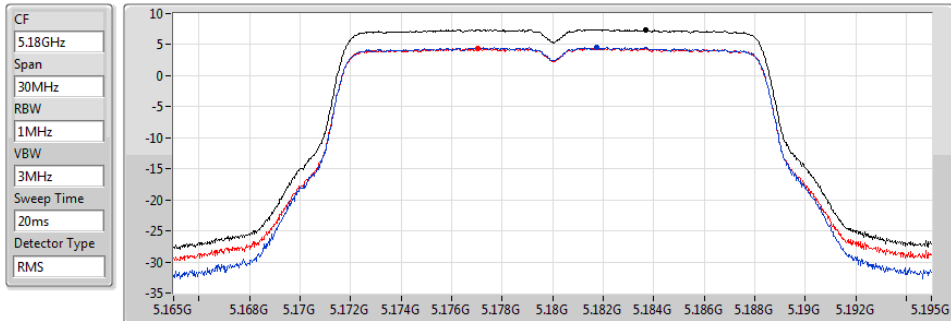
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

05/10/2020

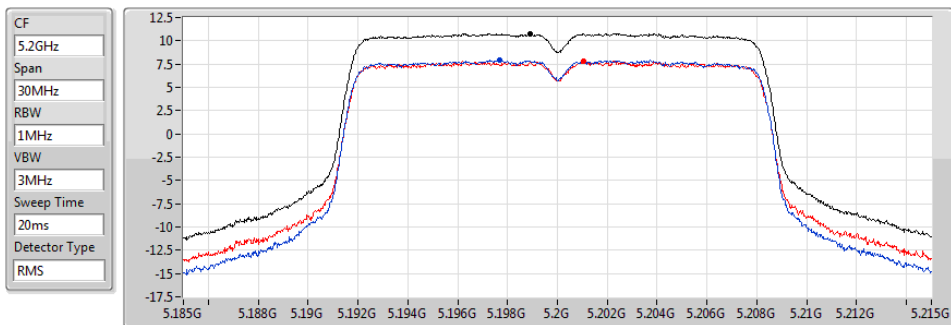


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

06/10/2020

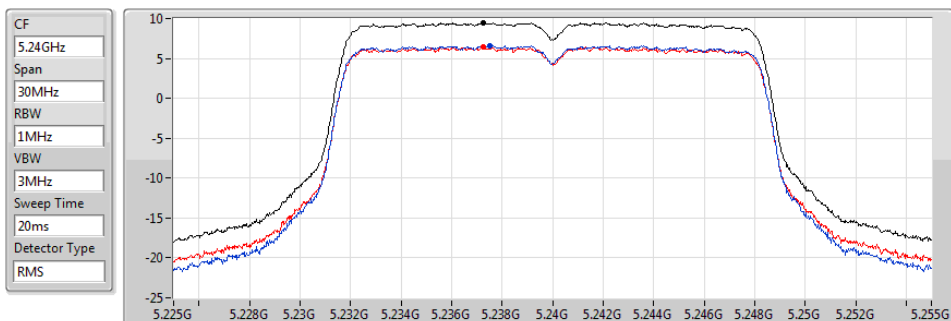


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

06/10/2020

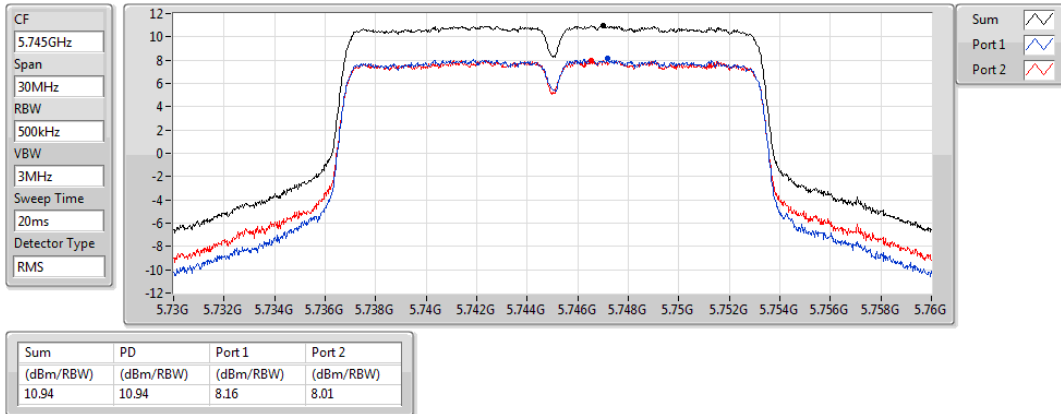


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

06/10/2020

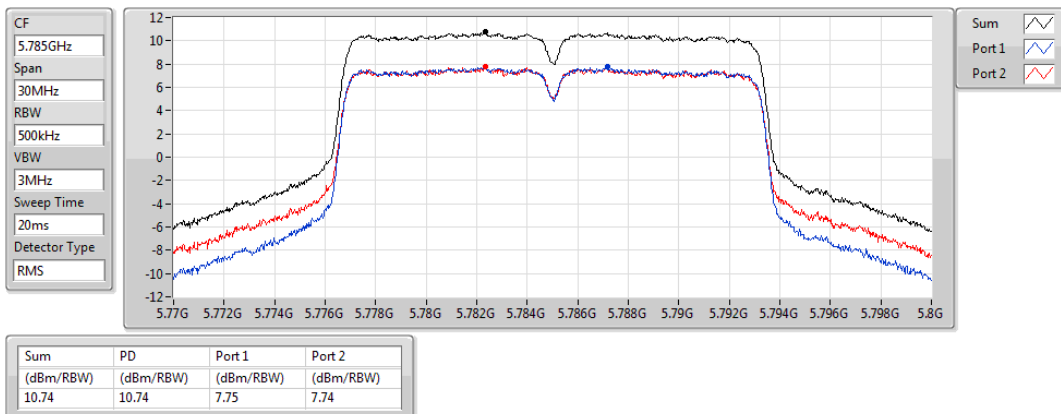


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

06/10/2020

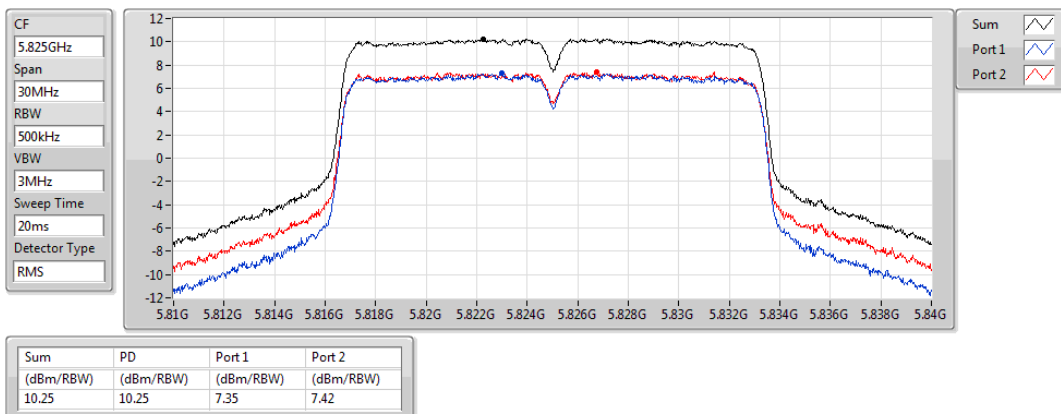


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

06/10/2020

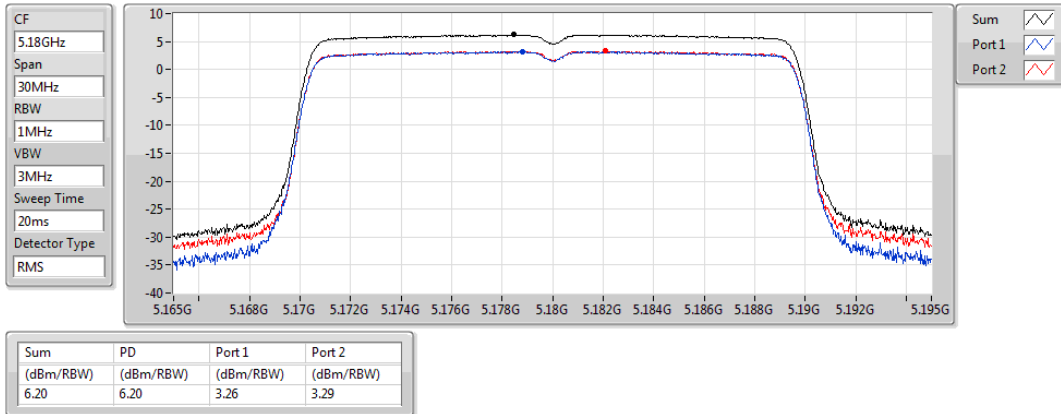


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

06/10/2020

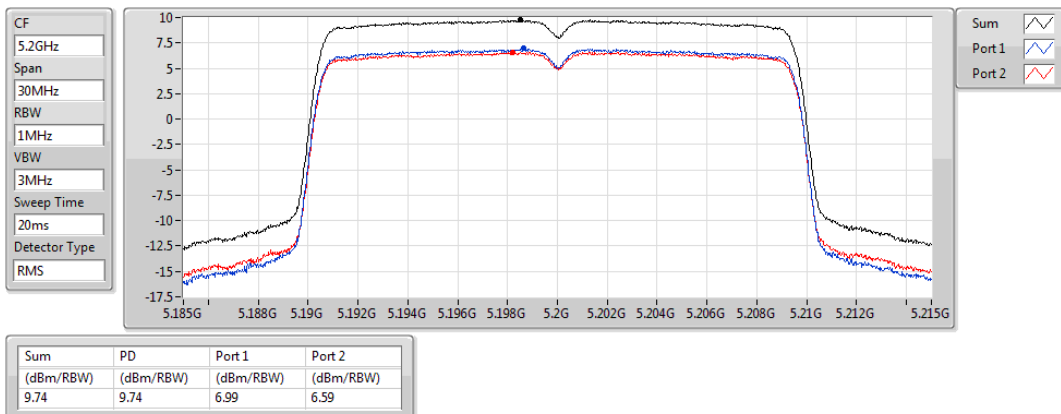


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

06/10/2020

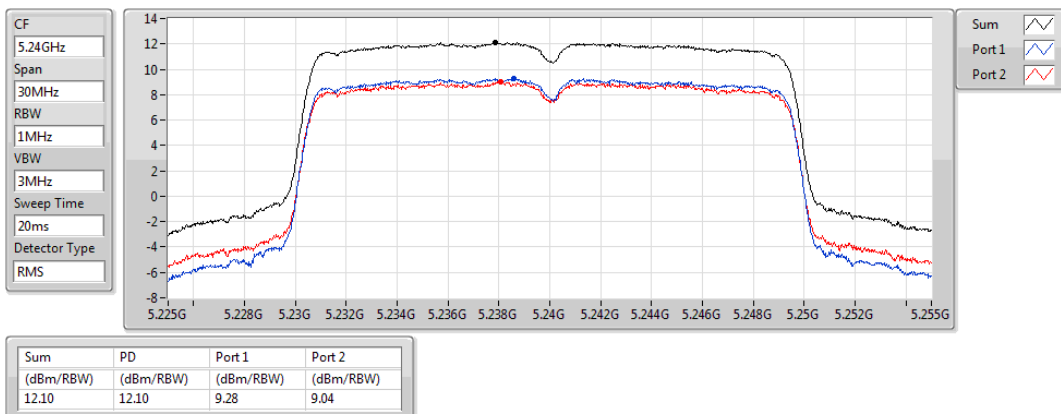


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

06/10/2020

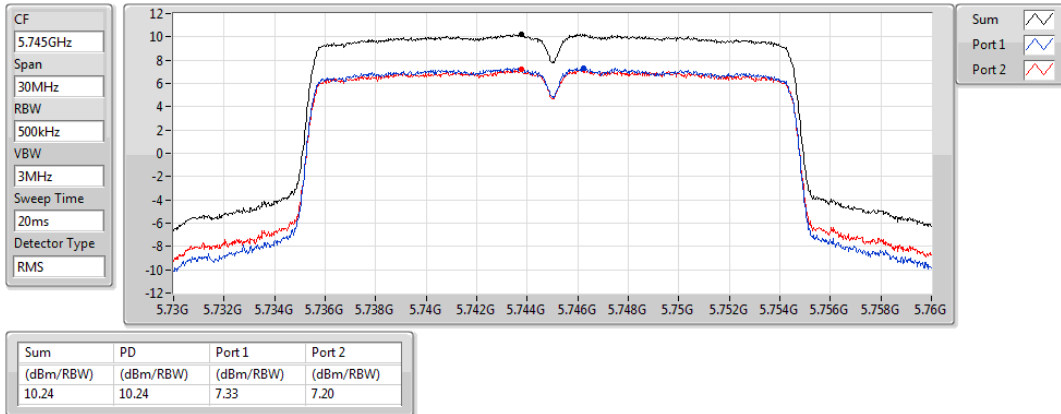


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

06/10/2020

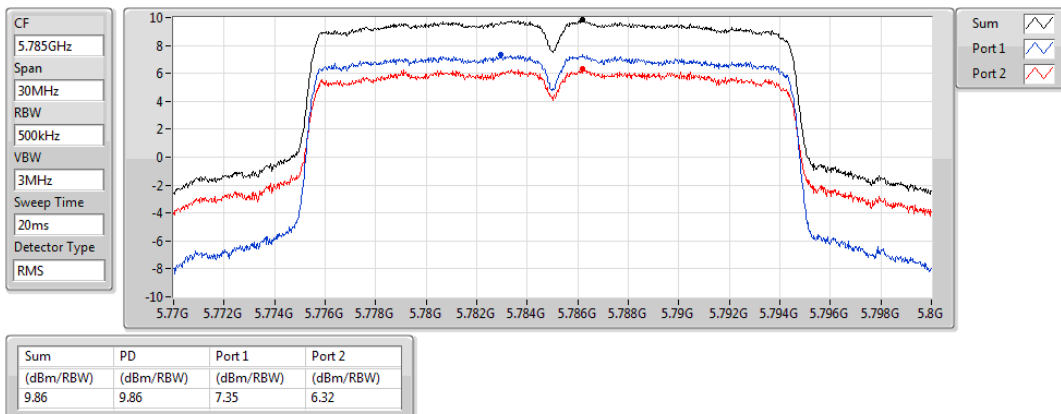


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

06/10/2020

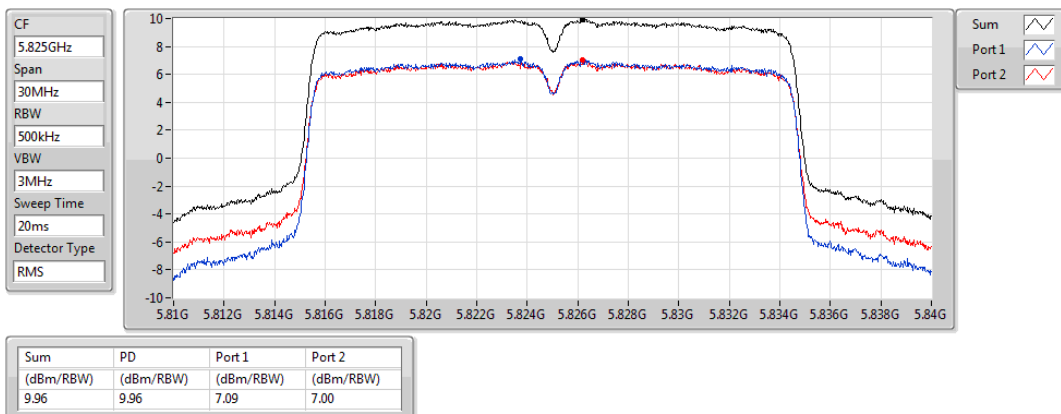


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

06/10/2020

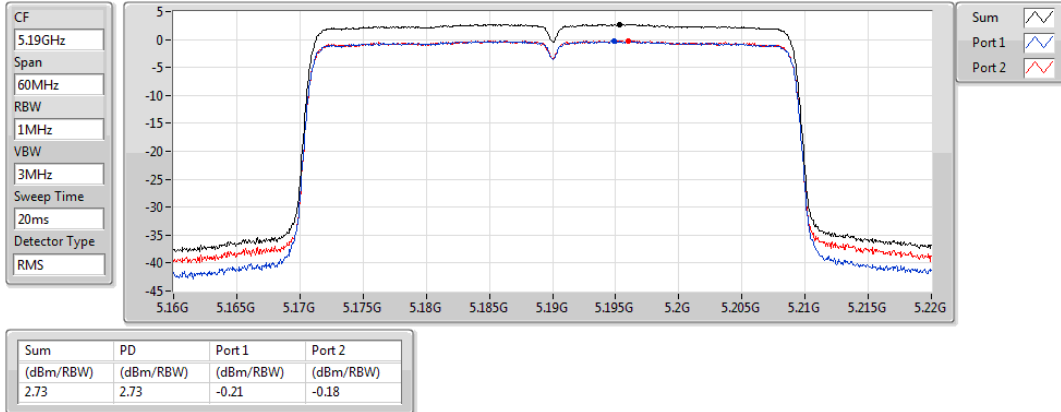


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

06/10/2020

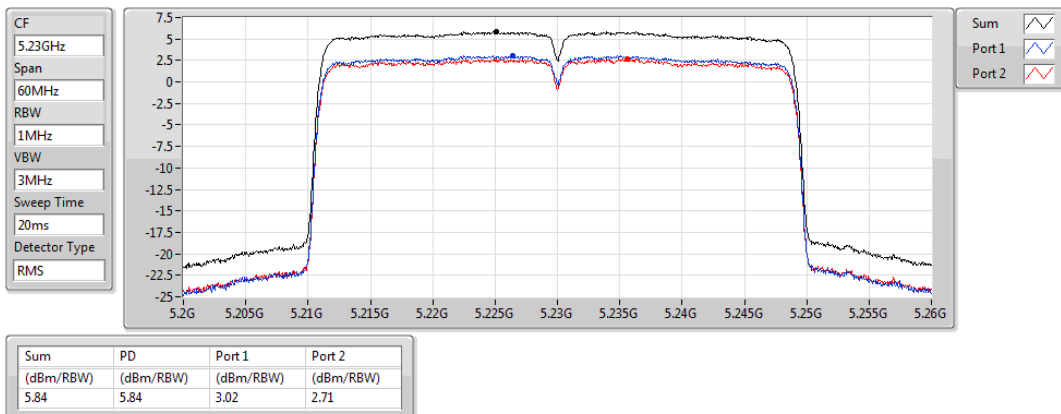


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

06/10/2020

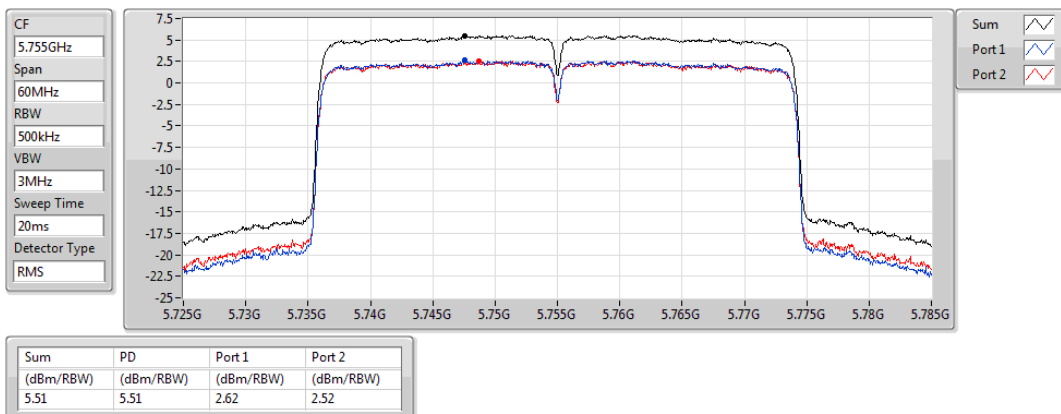


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

06/10/2020

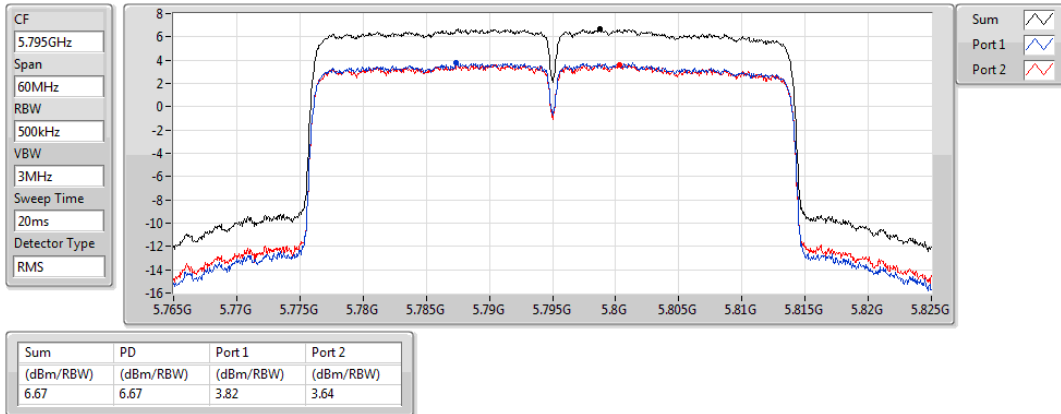


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

06/10/2020

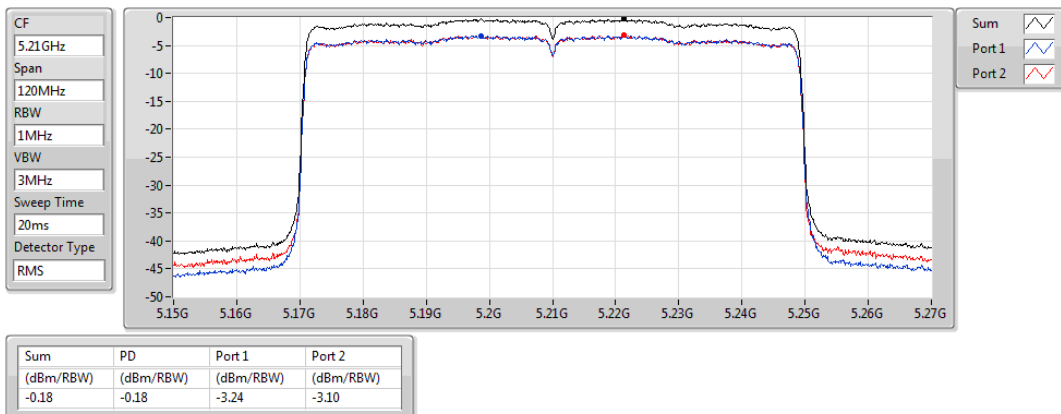


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

06/10/2020

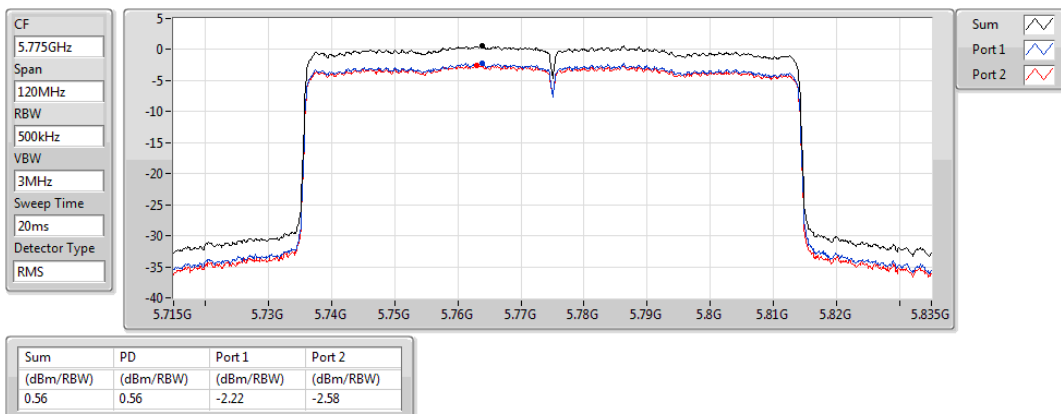


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

06/10/2020



For beamforming mode 2TX

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.31
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.02
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.20

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.01	4.47	4.52	7.48	13.99
5200MHz	Pass	9.01	7.39	7.26	10.31	13.99
5240MHz	Pass	9.01	5.70	6.06	8.80	13.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.01	-1.22	-0.90	1.92	13.99
5230MHz	Pass	9.01	2.82	3.24	6.02	13.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.01	-3.29	-3.05	-0.20	13.99

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

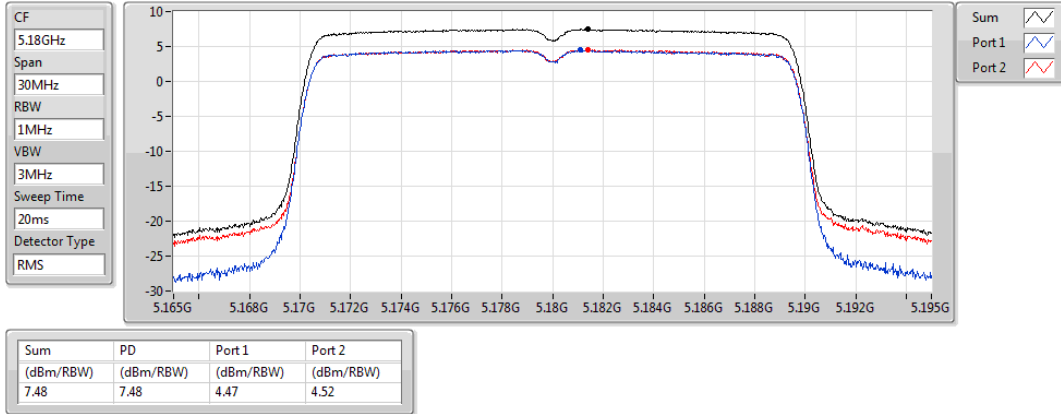
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

17/10/2020

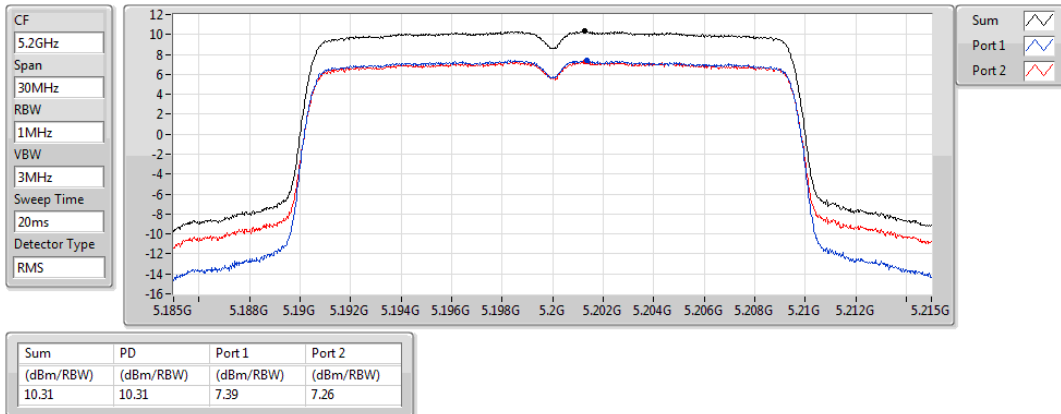


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

17/10/2020

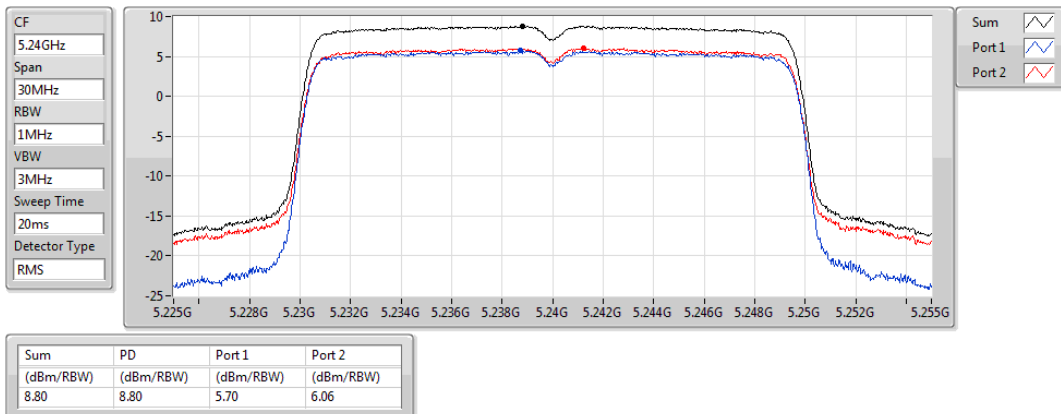


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

17/10/2020

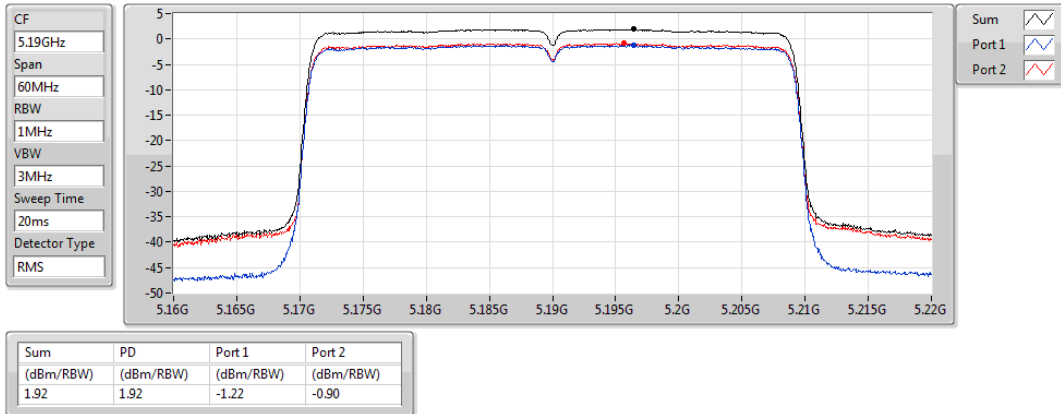


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

17/10/2020

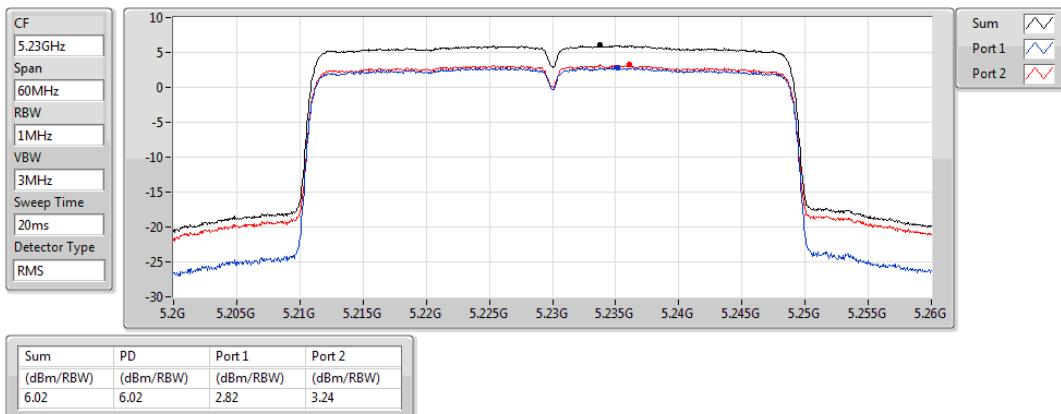


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

17/10/2020

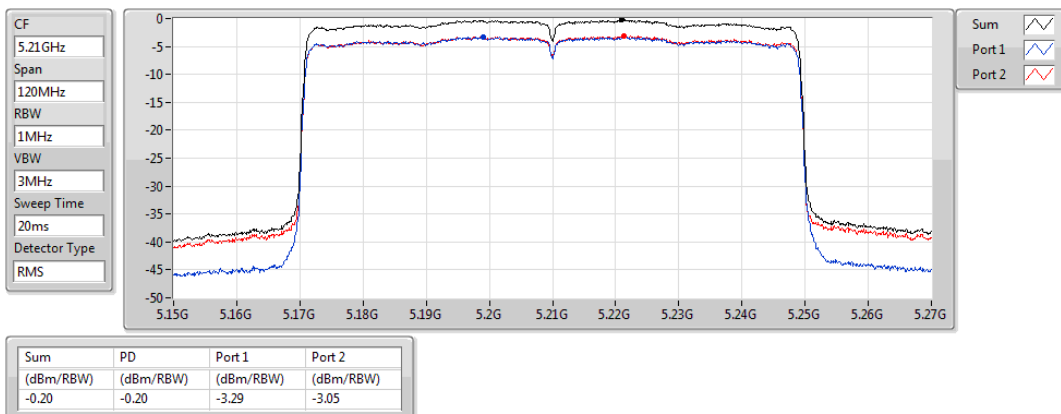


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

17/10/2020



For 5G Radio
For non beamforming mode 1TX
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.91
802.11ax HEW20_Nss1,(MCS0)_1TX	6.73
802.11ax HEW40_Nss1,(MCS0)_1TX	3.08
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.17
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.63
802.11ax HEW20_Nss1,(MCS0)_1TX	7.17
802.11ax HEW40_Nss1,(MCS0)_1TX	3.57
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.14

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

Result

Mode	Result	DG (dBi)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	6.60	4.98	4.98	16.40
5200MHz	Pass	6.60	7.91	7.91	16.40
5240MHz	Pass	6.60	6.49	6.49	16.40
5745MHz	Pass	6.60	7.63	7.63	29.40
5785MHz	Pass	6.60	7.62	7.62	29.40
5825MHz	Pass	6.60	7.24	7.24	29.40
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.60	3.87	3.87	16.40
5200MHz	Pass	6.60	6.73	6.73	16.40
5240MHz	Pass	6.60	5.88	5.88	16.40
5745MHz	Pass	6.60	7.17	7.17	29.40
5785MHz	Pass	6.60	6.21	6.21	29.40
5825MHz	Pass	6.60	6.71	6.71	29.40
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.60	-0.78	-0.78	16.40
5230MHz	Pass	6.60	3.08	3.08	16.40
5755MHz	Pass	6.60	2.65	2.65	29.40
5795MHz	Pass	6.60	3.57	3.57	29.40
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.60	-3.17	-3.17	16.40
5775MHz	Pass	6.60	-2.14	-2.14	29.40

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

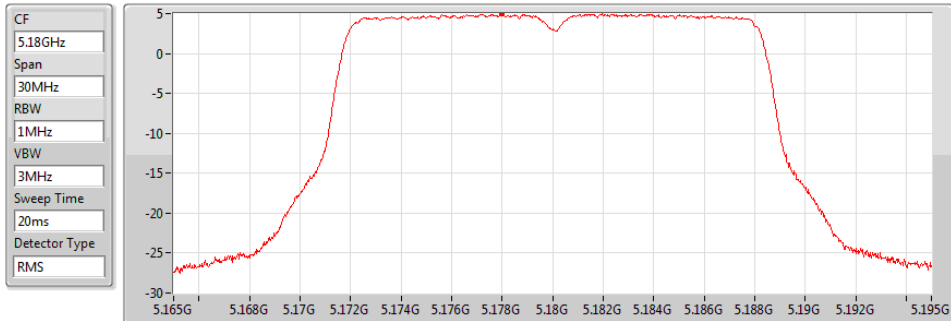
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

07/10/2020



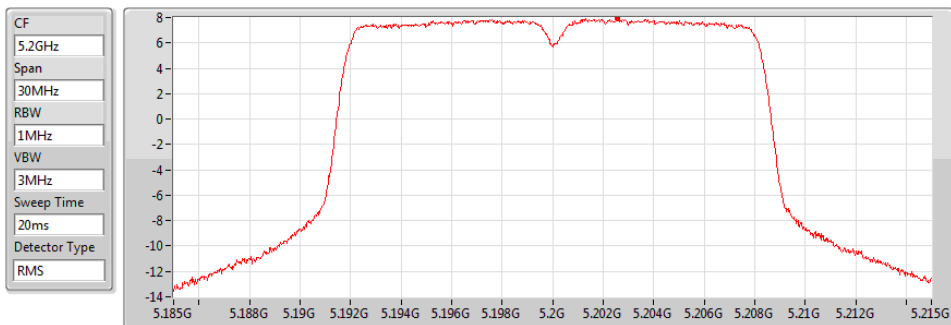
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.98	4.98		4.98

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

07/10/2020



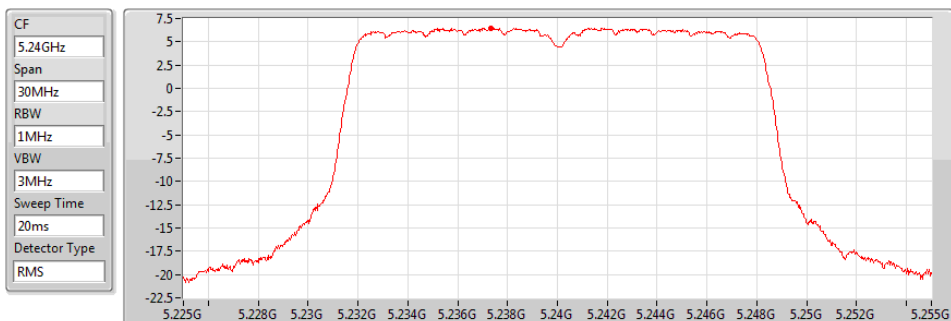
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.91	7.91		7.91

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

07/10/2020



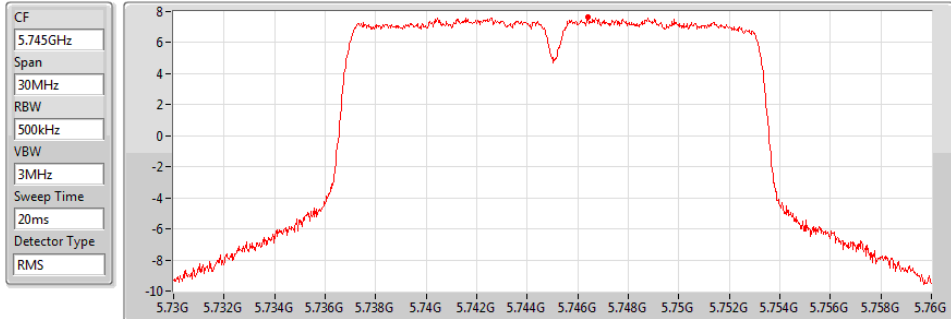
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.49	6.49		6.49

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

07/10/2020



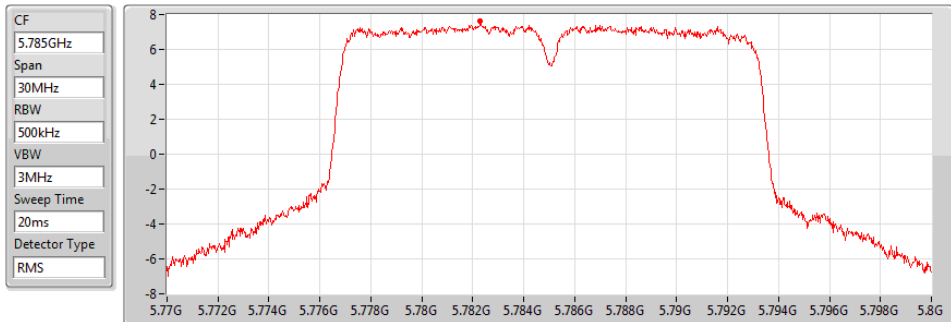
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63		7.63

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

07/10/2020



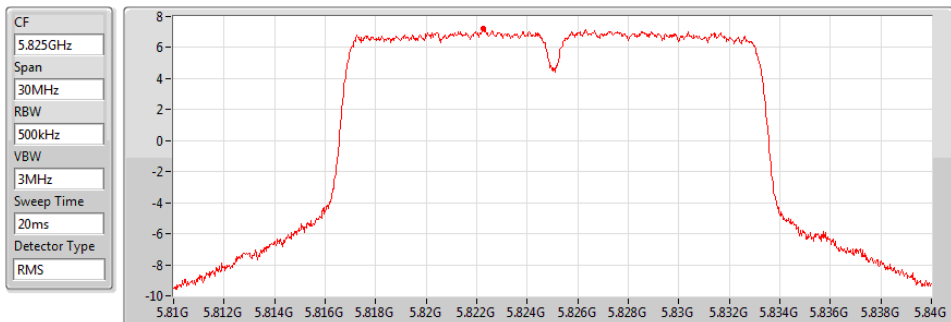
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62		7.62

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

07/10/2020



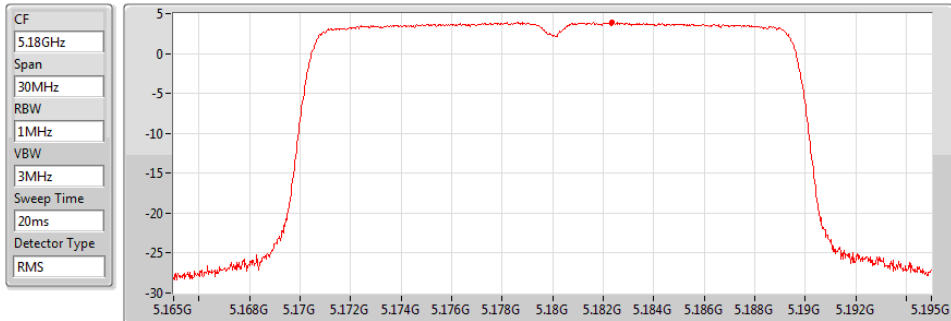
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24		7.24

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

07/10/2020

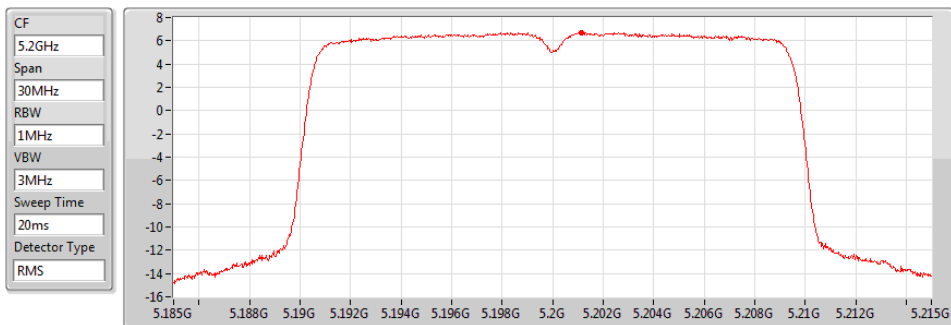


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

07/10/2020

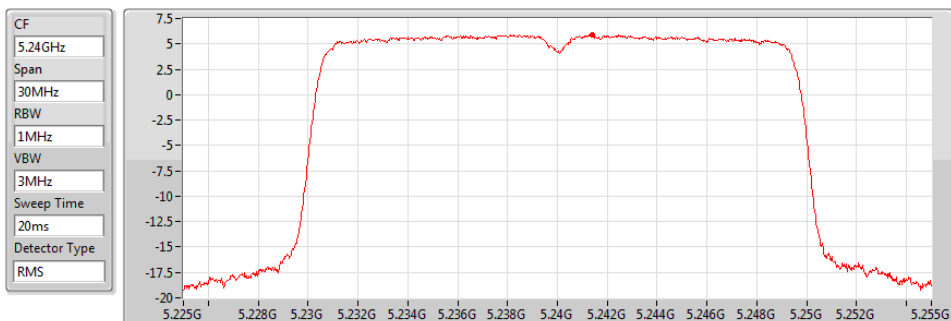


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

07/10/2020

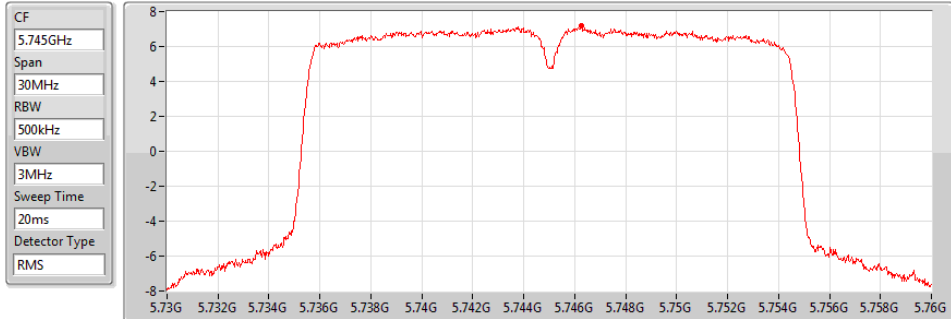


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

07/10/2020



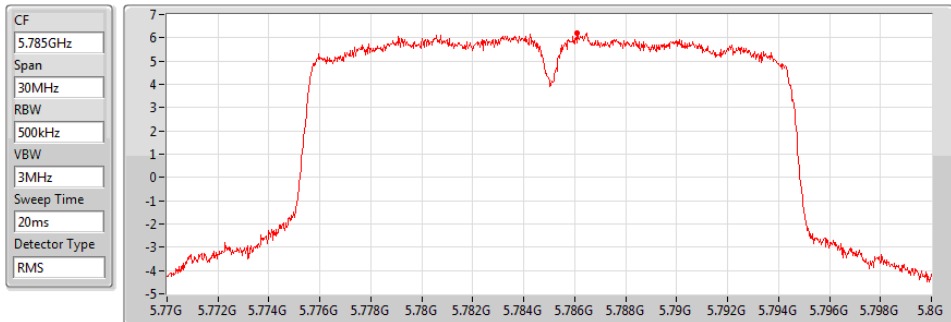
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.17	7.17		7.17

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

07/10/2020



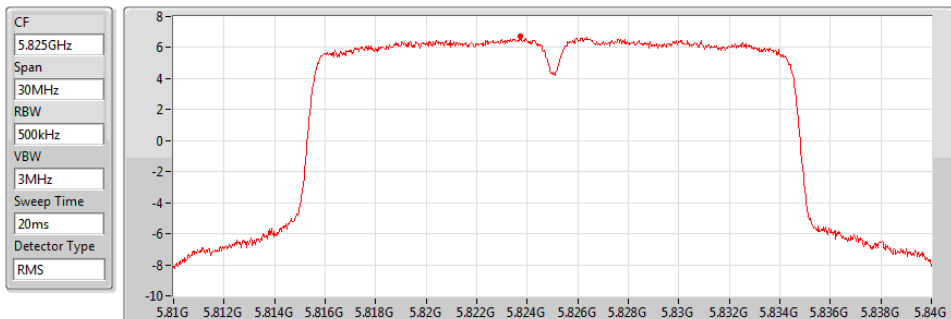
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.21	6.21		6.21

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

07/10/2020



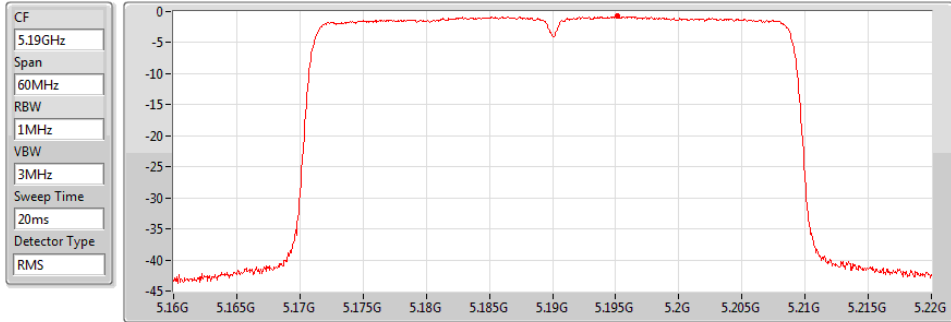
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71		6.71

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

07/10/2020



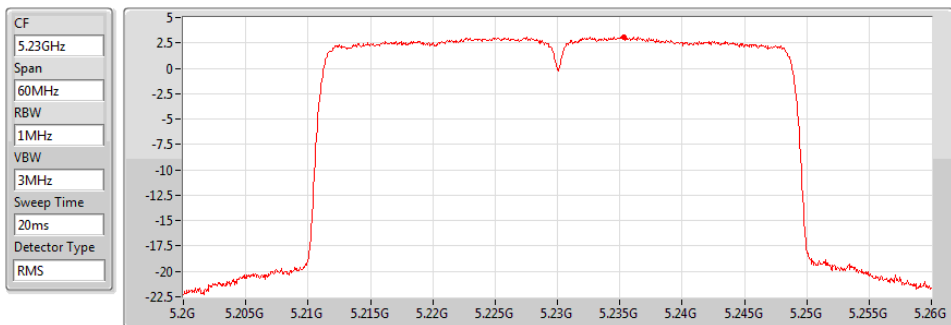
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.78	-0.78		-0.78

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

07/10/2020



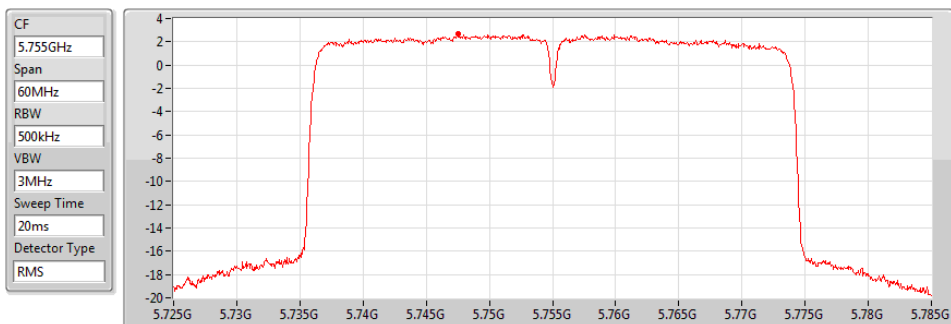
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.08	3.08		3.08

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

07/10/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.65	2.65		2.65

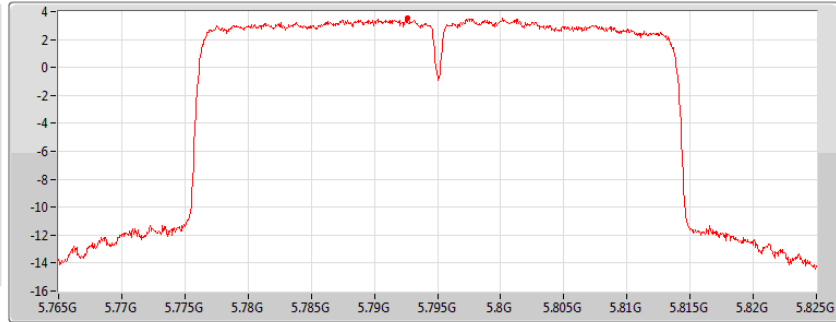
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

07/10/2020

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.57	3.57		3.57

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

07/10/2020

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.17	-3.17		-3.17

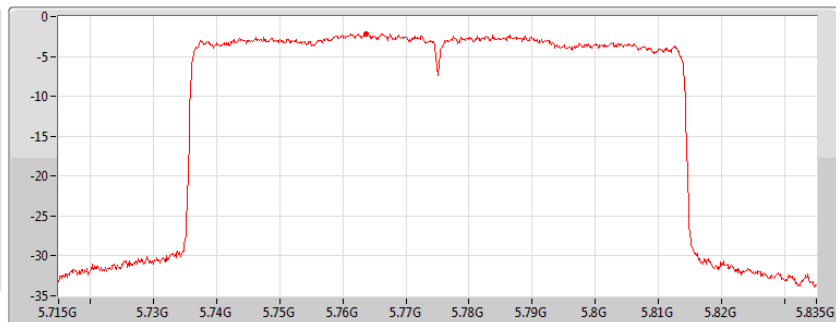
802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

07/10/2020

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.14	-2.14		-2.14

For non beamforming mode 2TX
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.77
802.11ax HEW20_Nss1,(MCS0)_2TX	9.72
802.11ax HEW40_Nss1,(MCS0)_2TX	6.12
802.11ax HEW80_Nss1,(MCS0)_2TX	0.15
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.21
802.11ax HEW20_Nss1,(MCS0)_2TX	10.48
802.11ax HEW40_Nss1,(MCS0)_2TX	7.46
802.11ax HEW80_Nss1,(MCS0)_2TX	1.17

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.61	5.16	5.39	8.21	13.39
5200MHz	Pass	9.61	7.52	8.08	10.77	13.39
5240MHz	Pass	9.61	6.49	6.88	9.63	13.39
5745MHz	Pass	9.61	8.41	8.18	11.21	26.39
5785MHz	Pass	9.61	8.37	7.37	10.81	26.39
5825MHz	Pass	9.61	8.31	7.47	10.86	26.39
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.61	3.99	4.20	7.06	13.39
5200MHz	Pass	9.61	6.48	7.03	9.72	13.39
5240MHz	Pass	9.61	5.92	6.34	9.09	13.39
5745MHz	Pass	9.61	7.67	7.43	10.48	26.39
5785MHz	Pass	9.61	7.81	6.73	10.22	26.39
5825MHz	Pass	9.61	7.62	6.56	10.05	26.39
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.61	-0.48	-0.29	2.56	13.39
5230MHz	Pass	9.61	3.19	3.18	6.12	13.39
5755MHz	Pass	9.61	3.76	3.32	6.52	26.39
5795MHz	Pass	9.61	4.81	4.19	7.46	26.39
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.61	-2.94	-2.69	0.15	13.39
5775MHz	Pass	9.61	-1.75	-1.92	1.17	26.39

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

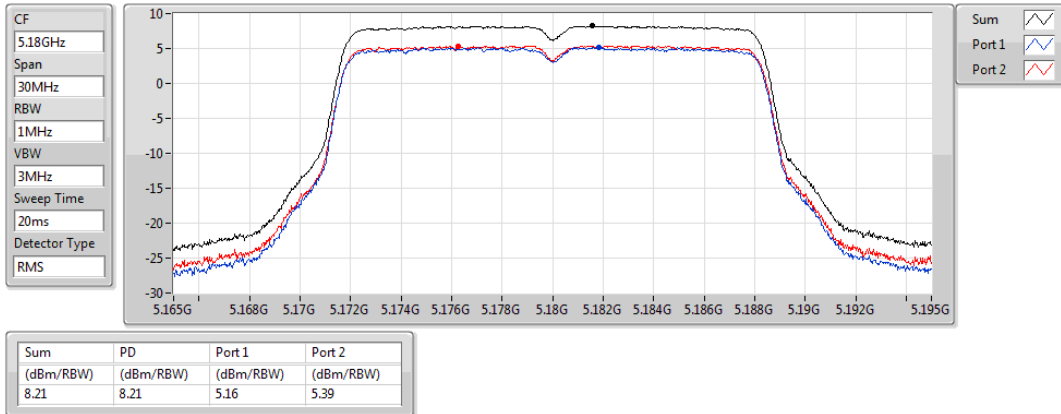
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

06/10/2020

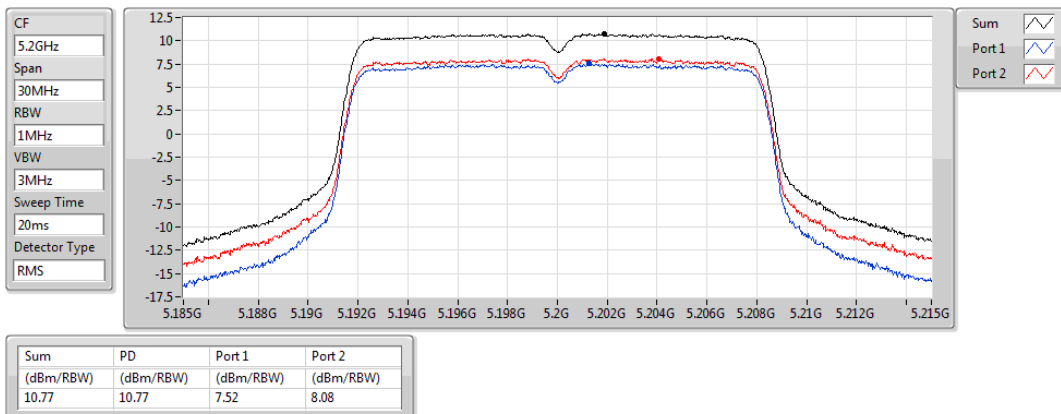


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

06/10/2020

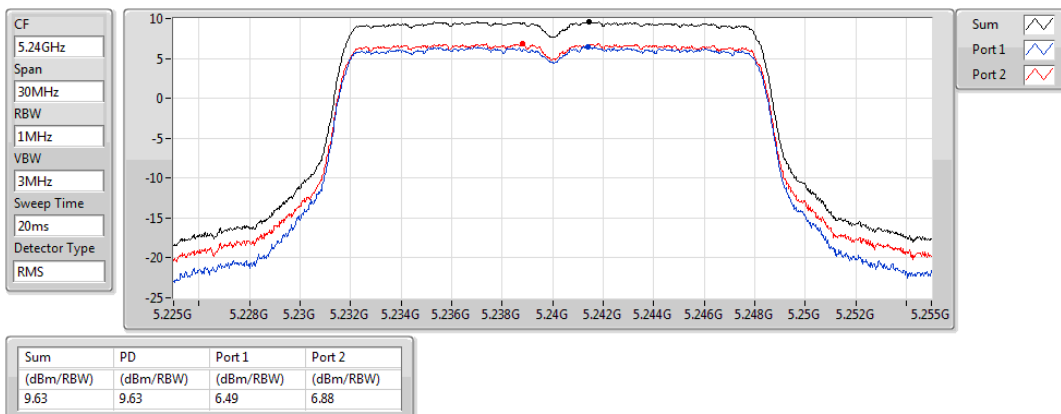


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

06/10/2020

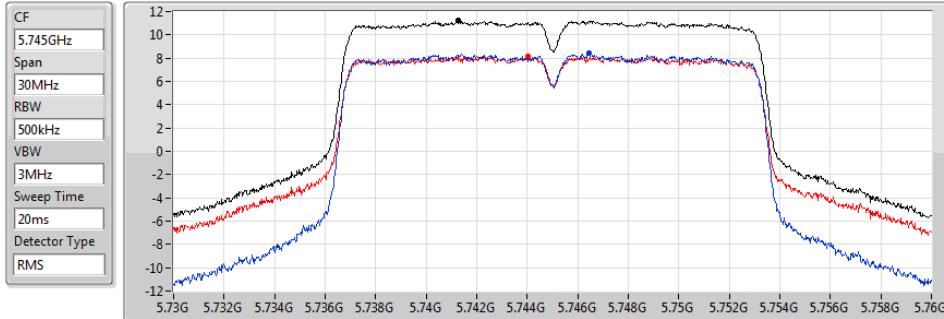


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

06/10/2020



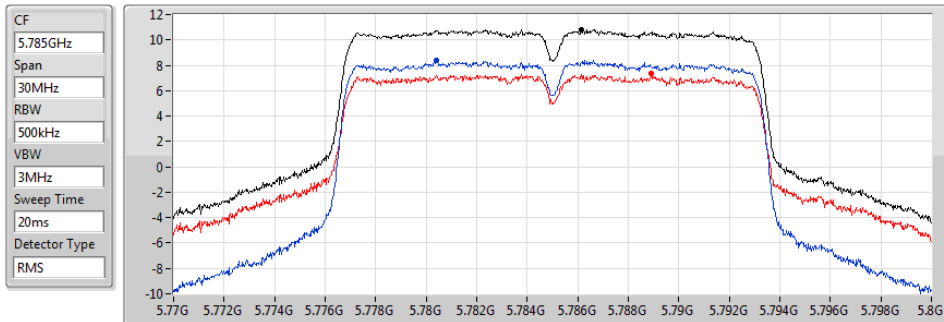
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.21	11.21	8.41	8.18

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

06/10/2020



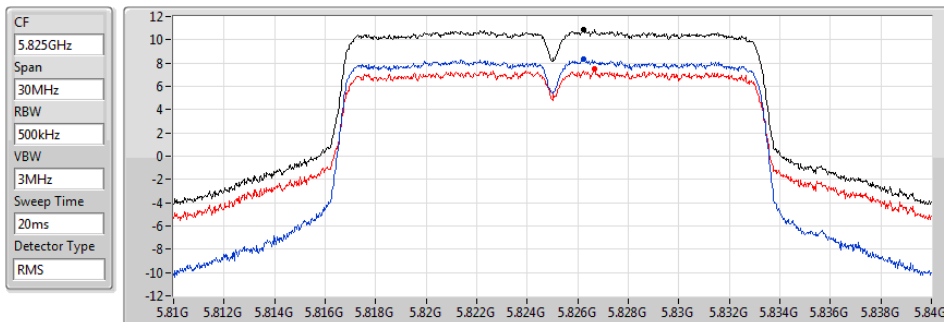
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.81	10.81	8.37	7.37

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

06/10/2020



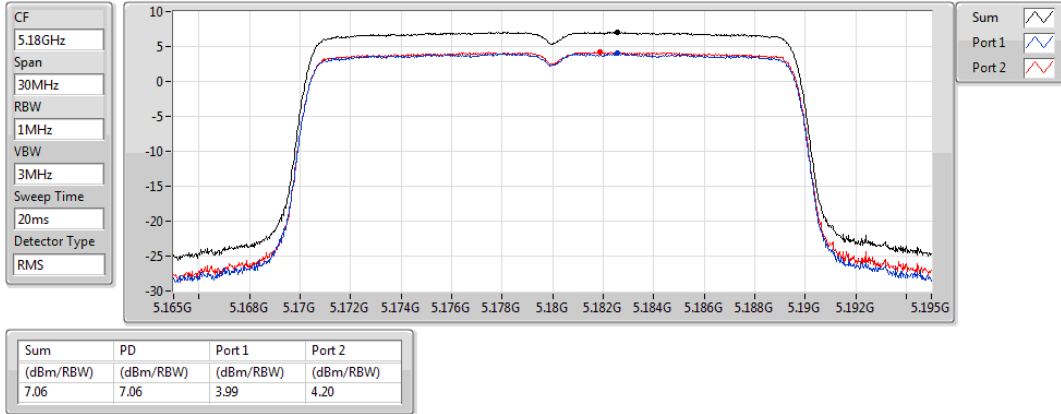
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.86	10.86	8.31	7.47

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

06/10/2020

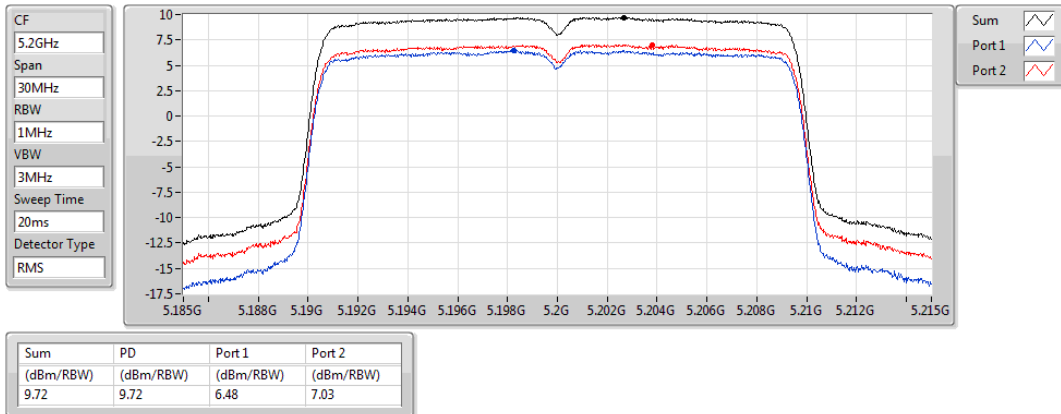


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

06/10/2020

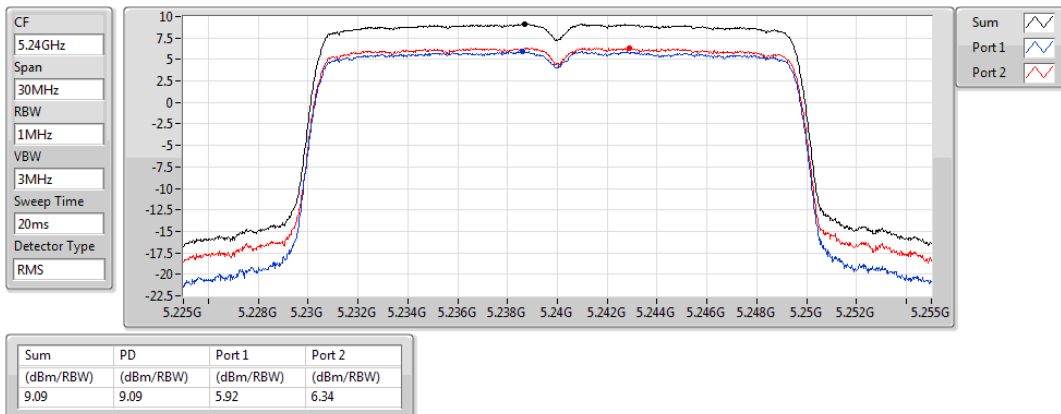


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

06/10/2020

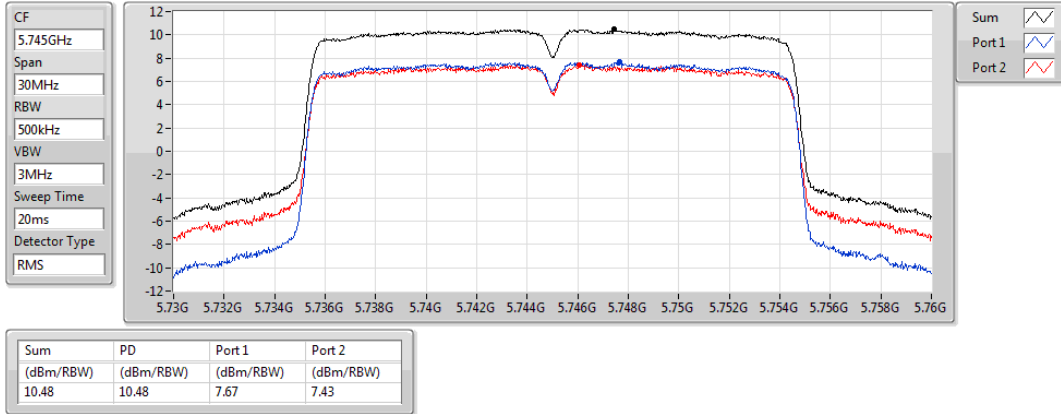


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

06/10/2020

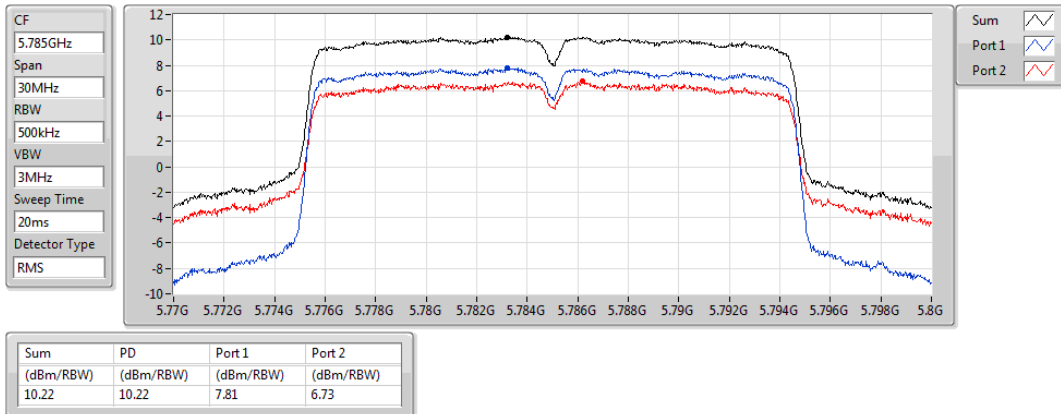


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

06/10/2020

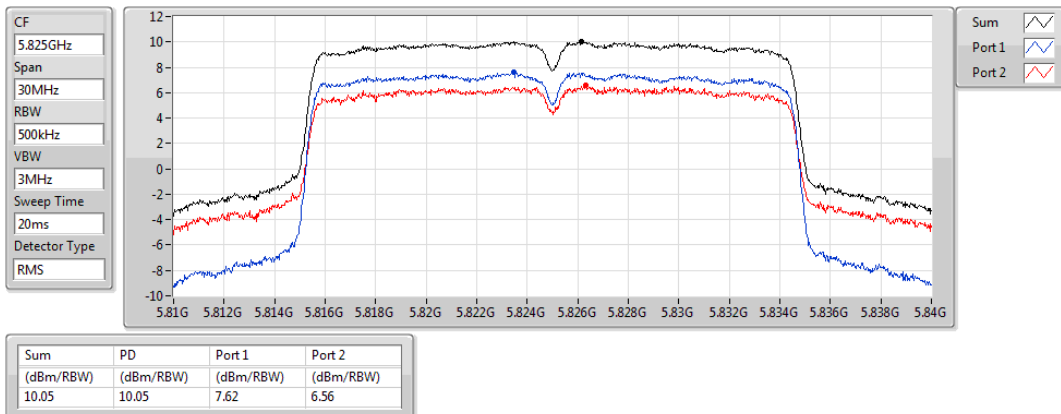


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

06/10/2020



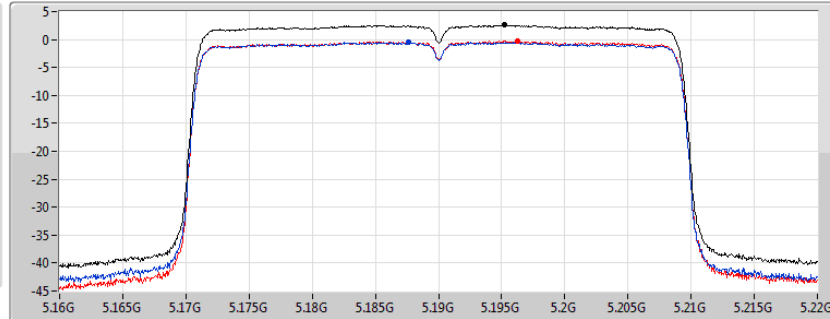
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

06/10/2020

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
2.56	2.56	-0.48	-0.29

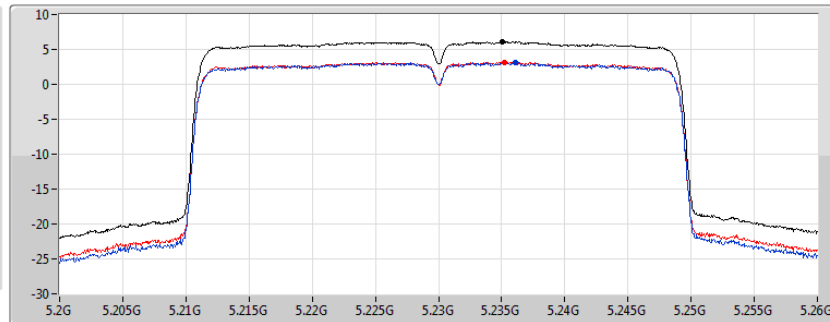
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

06/10/2020

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
6.12	6.12	3.19	3.18

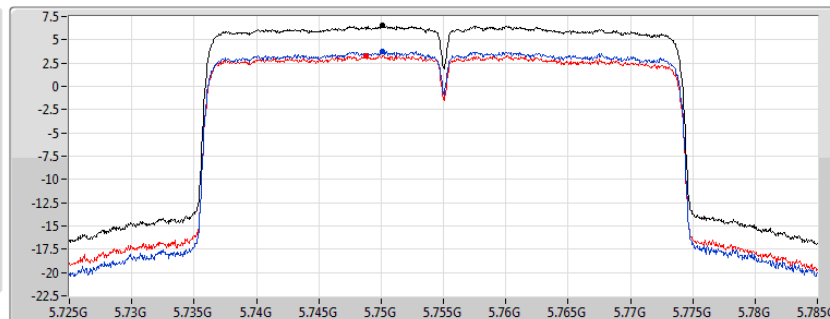
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

06/10/2020

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

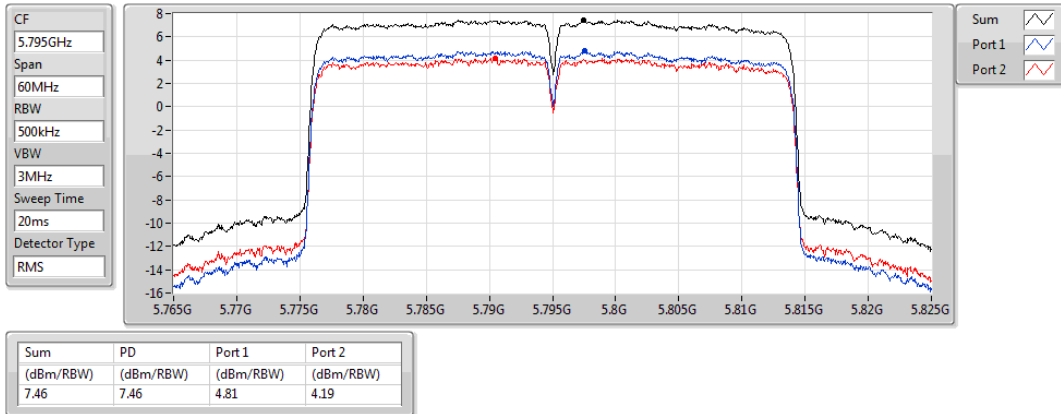
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
6.52	6.52	3.76	3.32

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

06/10/2020

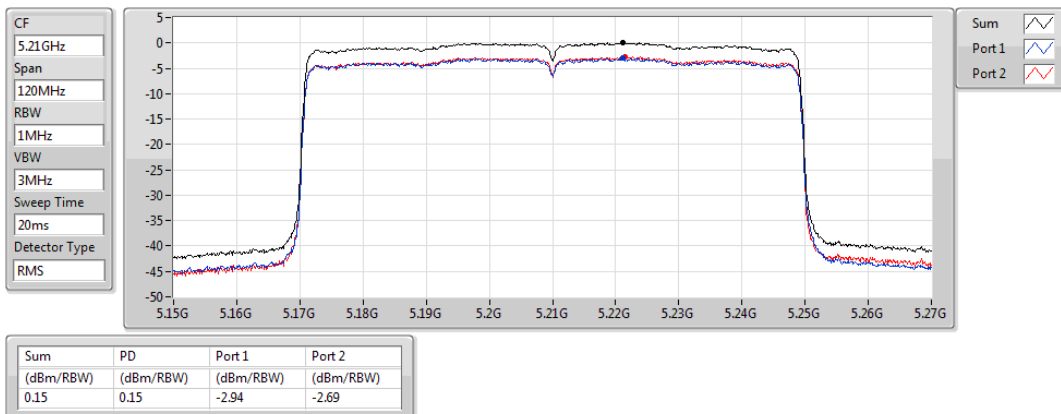


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

06/10/2020

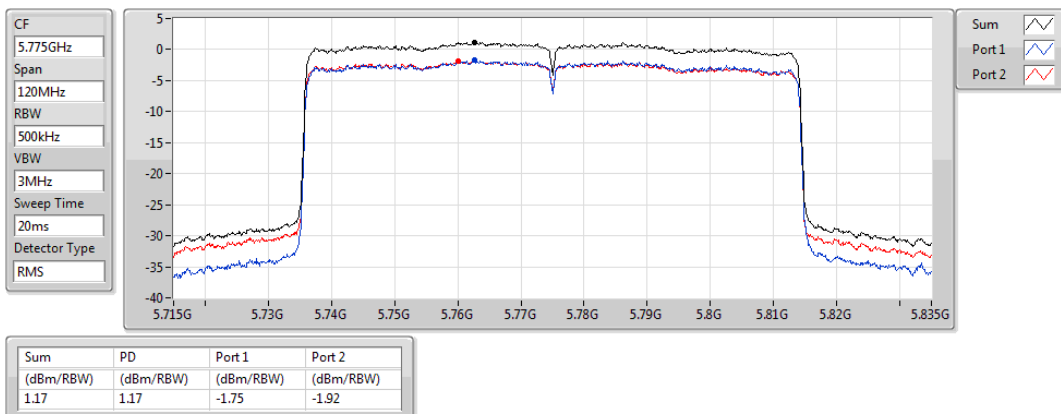


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

06/10/2020



**For beamforming mode 2TX
Summary**

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.02
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.25
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.13
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.82
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.51
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.03

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	9.61	3.88	4.11	6.95	13.39
5200MHz	Pass	9.61	6.75	7.37	10.02	13.39
5240MHz	Pass	9.61	6.23	6.65	9.39	13.39
5745MHz	Pass	9.61	7.97	7.73	10.82	26.39
5785MHz	Pass	9.61	7.99	7.41	10.65	26.39
5825MHz	Pass	9.61	7.63	7.24	10.38	26.39
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	9.61	-0.57	-0.20	2.57	13.39
5230MHz	Pass	9.61	3.22	3.37	6.25	13.39
5755MHz	Pass	9.61	3.70	3.38	6.51	26.39
5795MHz	Pass	9.61	4.87	4.27	7.51	26.39
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	9.61	-3.13	-2.55	0.13	13.39
5775MHz	Pass	9.61	-3.00	-3.00	-0.03	26.39

DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

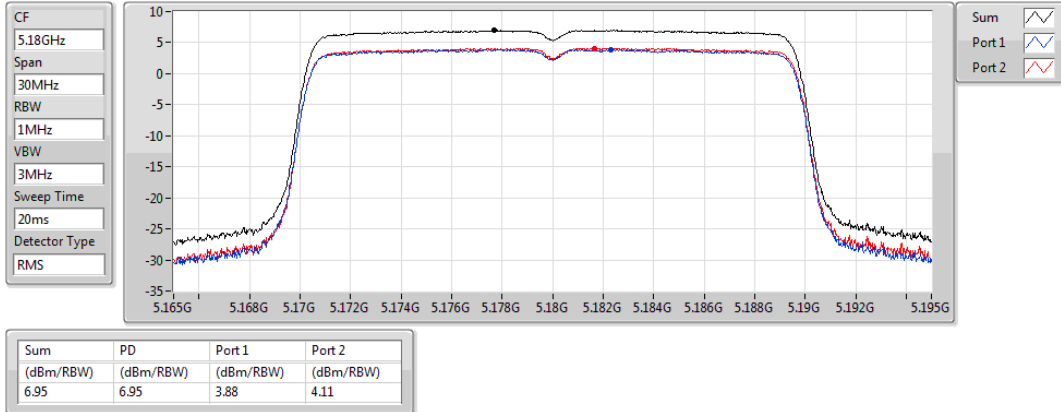
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

06/10/2020

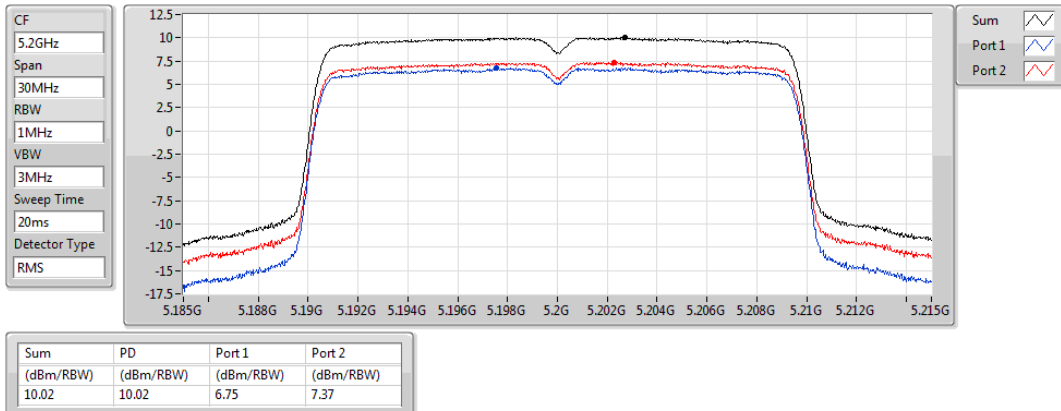


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

06/10/2020

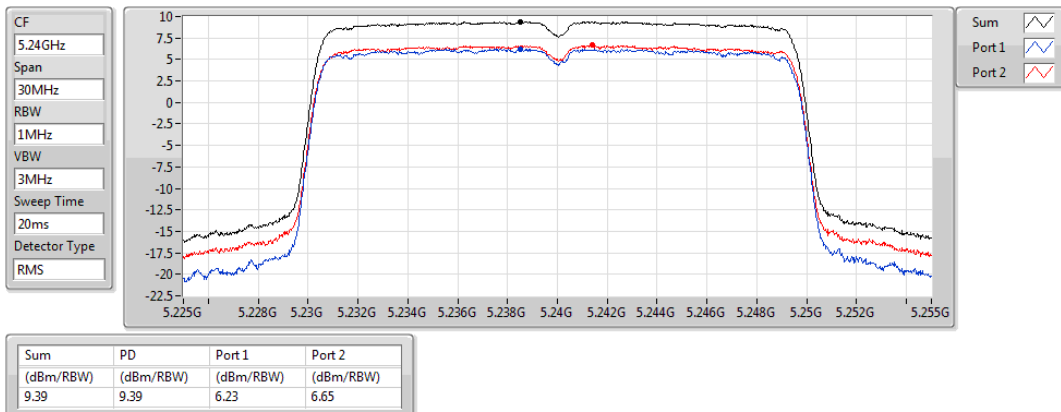


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

06/10/2020

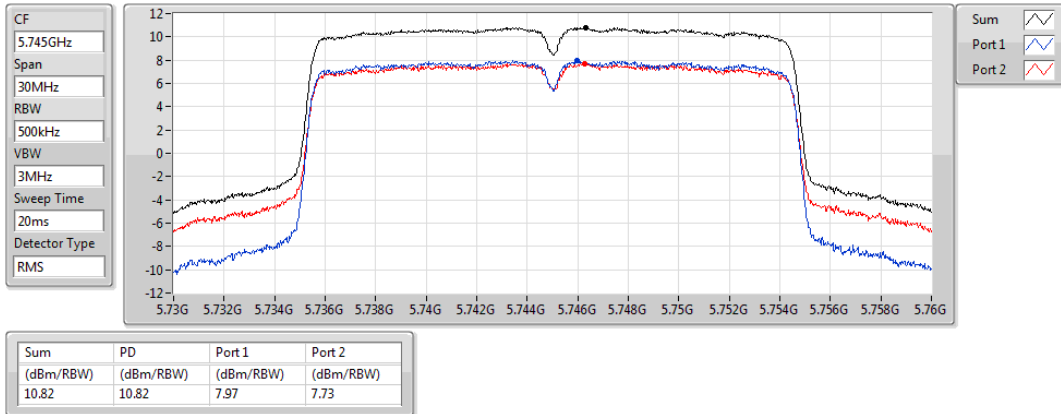


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

06/10/2020

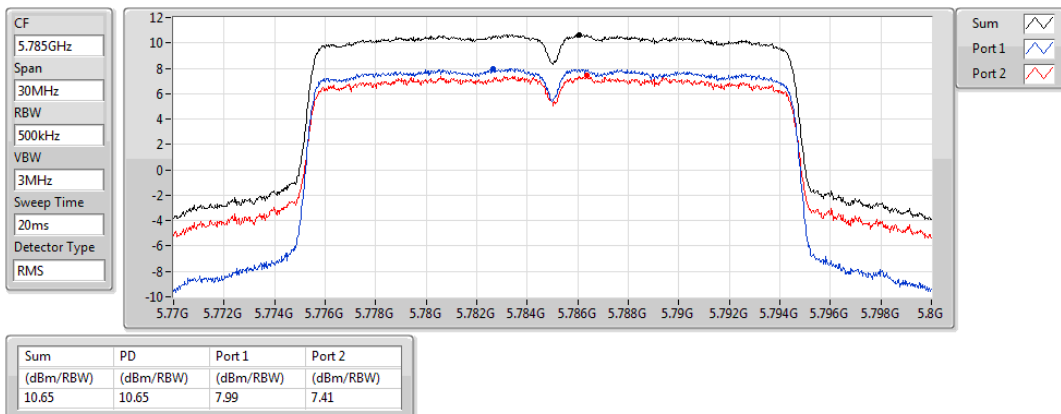


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

06/10/2020

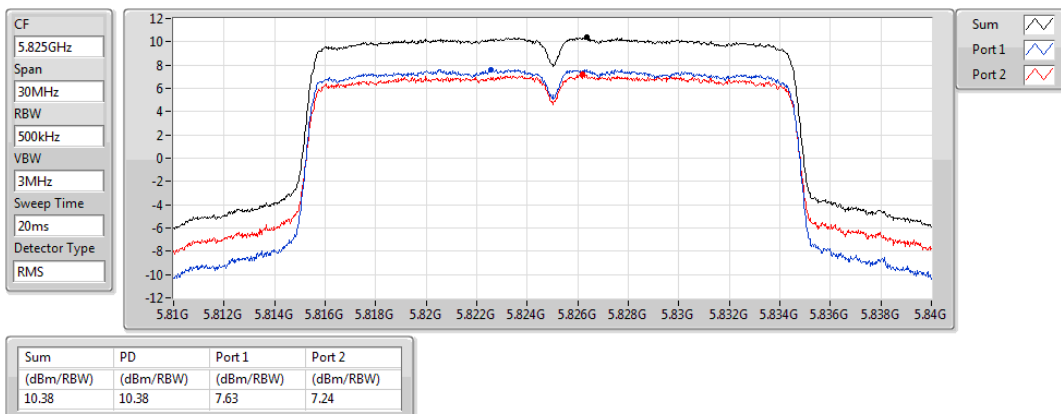


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

06/10/2020



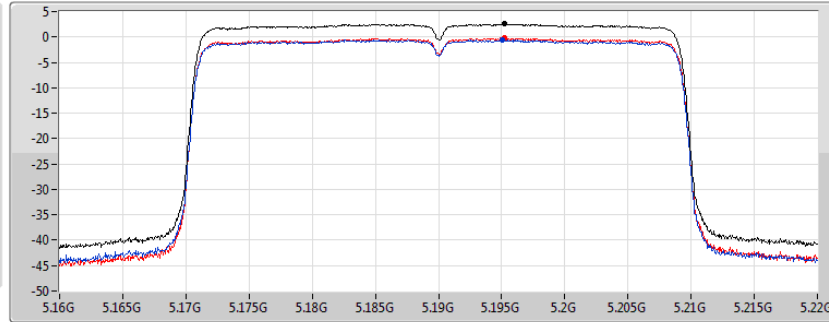
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

06/10/2020

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.57	2.57	-0.57	-0.20

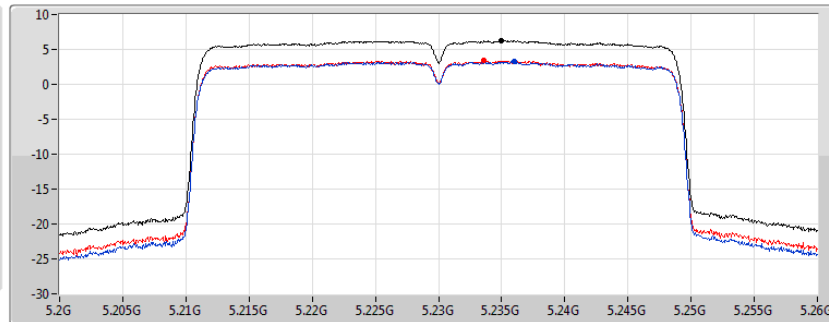
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

06/10/2020

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.25	6.25	3.22	3.37

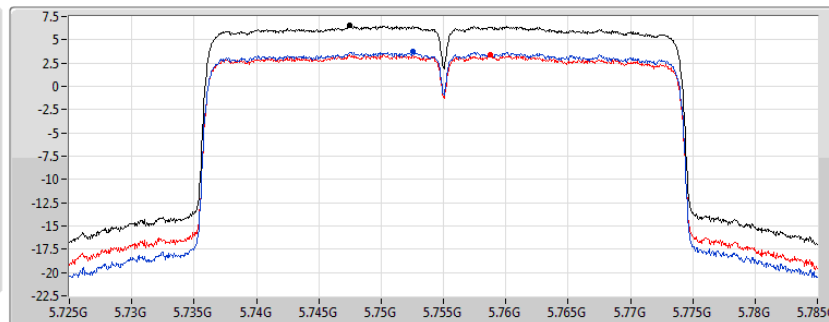
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

06/10/2020

CF
5.755GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.51	6.51	3.70	3.38

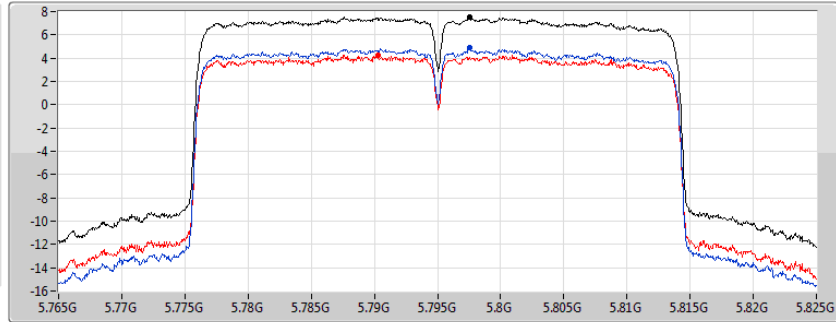
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

06/10/2020

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.51	7.51	4.87	4.27

Sum
Port 1
Port 2

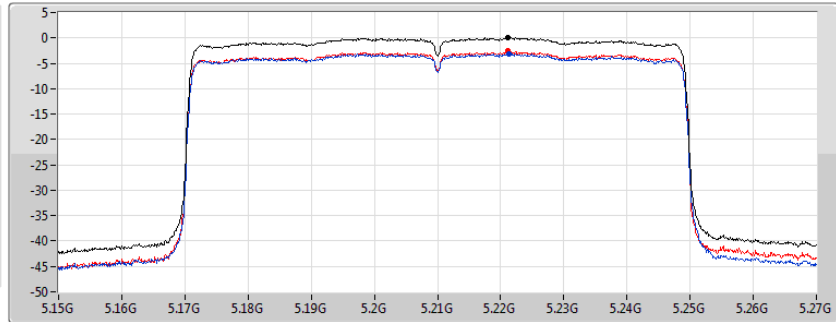
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

06/10/2020

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.13	0.13	-3.13	-2.55

Sum
Port 1
Port 2

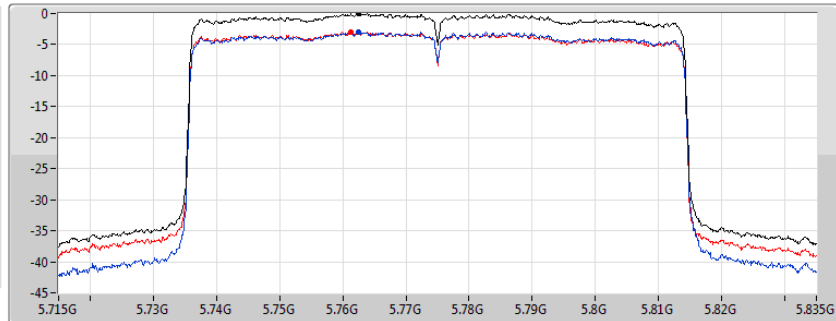
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

06/10/2020

CF
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.03	-0.03	-3.00	-3.00

Sum
Port 1
Port 2



Radiated Emissions below 1GHz

Appendix E.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 5	Pass	PK	81.41M	36.97	40.00	-3.03	Vertical

Test Mode 5

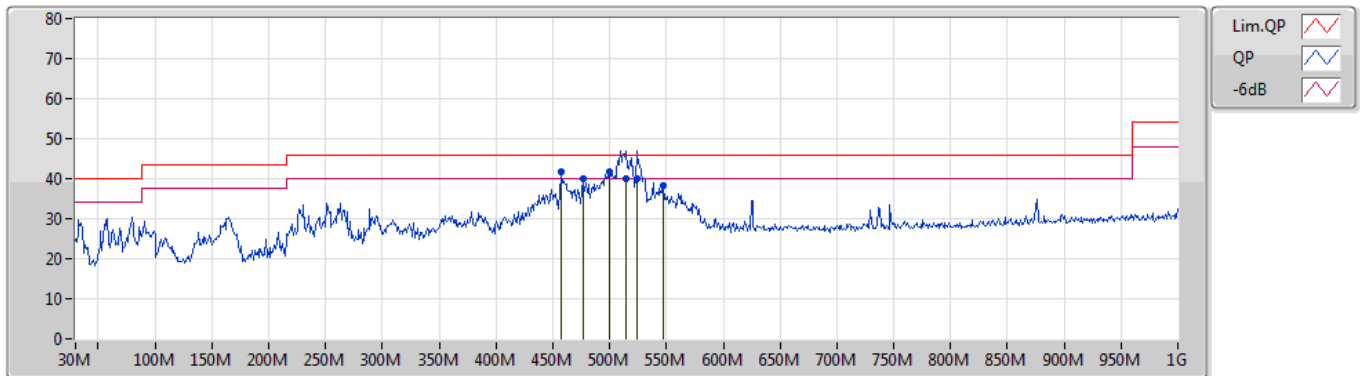
25/09/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	38.73M	36.09	40.00	-3.91	-10.42	3	Vertical	194	1.00	-	46.51	19.65	1.37	31.44
QP	51.34M	35.58	40.00	-4.42	-16.35	3	Vertical	3	1.25	-	51.93	14.13	1.17	31.65
PK	81.41M	36.97	40.00	-3.03	-17.32	3	Vertical	278	2.00	"Worst"	54.29	13.04	1.40	31.76
PK	161.92M	37.49	43.50	-6.01	-13.93	3	Vertical	140	1.25	-	51.42	15.97	1.81	31.71
QP	495.6M	39.78	46.00	-6.22	-6.38	3	Vertical	103	1.00	-	46.16	22.90	3.08	32.36
QP	511.12M	40.55	46.00	-5.45	-6.22	3	Vertical	111	1.00	-	46.77	22.99	3.14	32.35

Test Mode 5

25/09/2020



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	457.77M	41.59	46.00	-4.41	-6.89	3	Horizontal	208	1.50	-	48.48	22.43	2.93	32.25
PK	476.2M	39.91	46.00	-6.09	-6.51	3	Horizontal	129	1.00	-	46.42	22.79	3.00	32.30
PK	499.48M	41.84	46.00	-4.16	-6.33	3	Horizontal	300	1.25	"Worst"	48.17	22.94	3.10	32.37
QP	514.03M	39.85	46.00	-6.15	-6.20	3	Horizontal	196	1.25	-	46.05	22.98	3.16	32.34
QP	523.73M	39.92	46.00	-6.08	-6.15	3	Horizontal	187	1.25	-	46.07	22.98	3.19	32.32
PK	547.01M	38.26	46.00	-7.74	-4.79	3	Horizontal	172	1.00	-	43.05	24.20	3.29	32.28



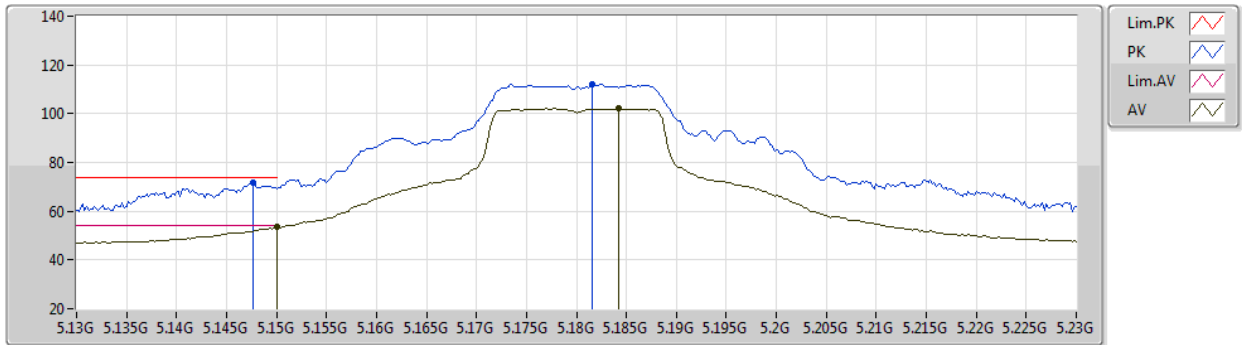
**For Dual Band Radio
For non beamforming mode 1TX
Summary**

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_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.88	54.00	-0.12	3	Vertical	358	1.94	-

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5180MHz_TX



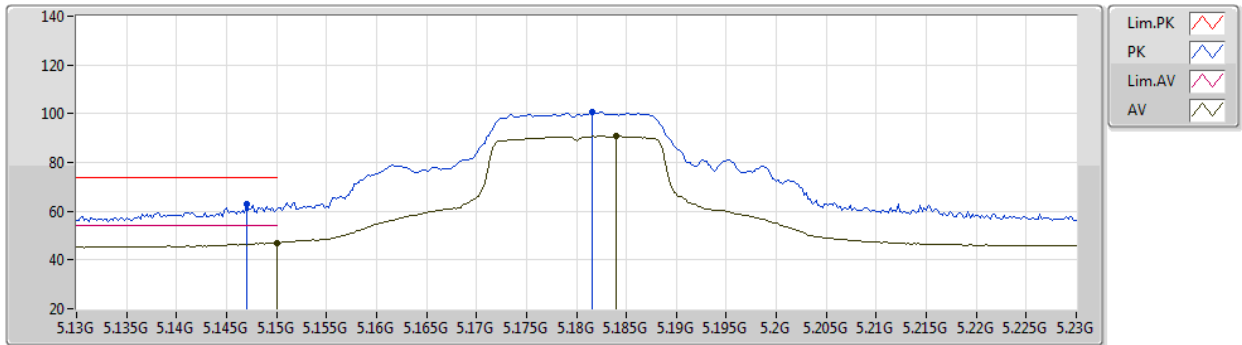
EUT Y_1TX
Setting 71
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	71.56	74.00	-2.44	64.84	3	Vertical	33	1.56	-	33.45	5.00	31.73
AV	5.15G	53.85	54.00	-0.15	47.13	3	Vertical	33	1.56	-	33.45	5.00	31.73
PK	5.1816G	112.12	Inf	-Inf	105.28	3	Vertical	33	1.56	-	33.48	5.06	31.70
AV	5.1842G	102.18	Inf	-Inf	95.33	3	Vertical	33	1.56	-	33.48	5.07	31.70

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5180MHz_TX



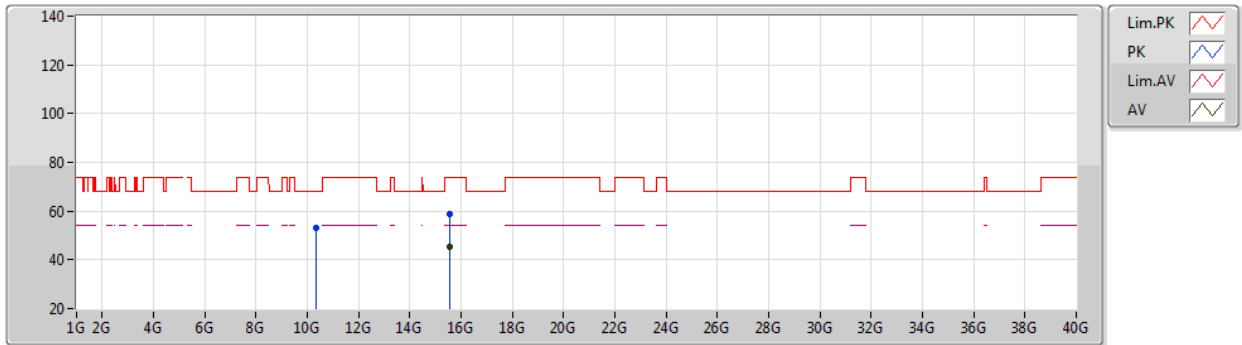
EUT Y_1TX
Setting 71
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.147G	62.71	74.00	-11.29	56.00	3	Horizontal	1	1.46	-	33.45	4.99	31.73
AV	5.15G	46.97	54.00	-7.03	40.25	3	Horizontal	1	1.46	-	33.45	5.00	31.73
PK	5.1816G	100.85	Inf	-Inf	94.01	3	Horizontal	1	1.46	-	33.48	5.06	31.70
AV	5.184G	90.78	Inf	-Inf	83.93	3	Horizontal	1	1.46	-	33.48	5.07	31.70

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5180MHz_TX



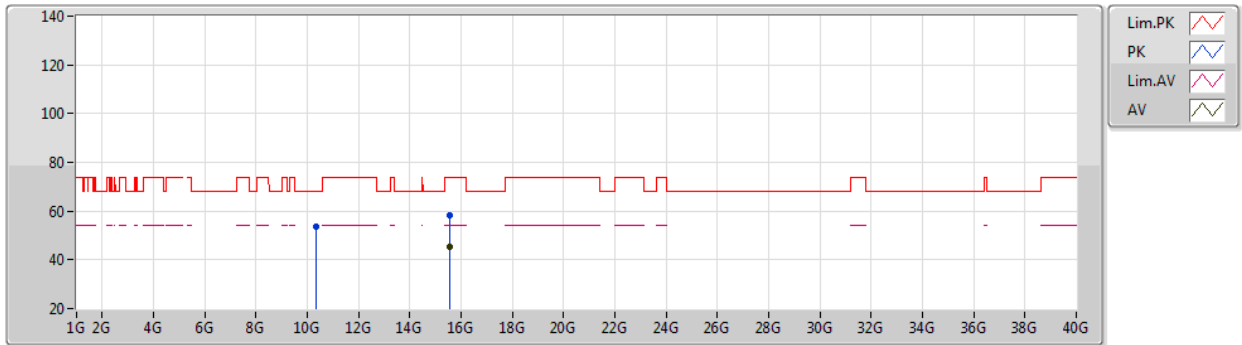
EUT V_1TX
Setting 71
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36476G	52.99	68.20	-15.21	39.46	3	Vertical	28	2.20	-	38.88	7.23	32.58
PK	15.53828G	58.82	74.00	-15.18	43.90	3	Vertical	360	2.95	-	38.74	9.04	32.86
AV	15.54332G	45.17	54.00	-8.83	30.27	3	Vertical	360	2.95	-	38.72	9.04	32.86

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5180MHz_TX



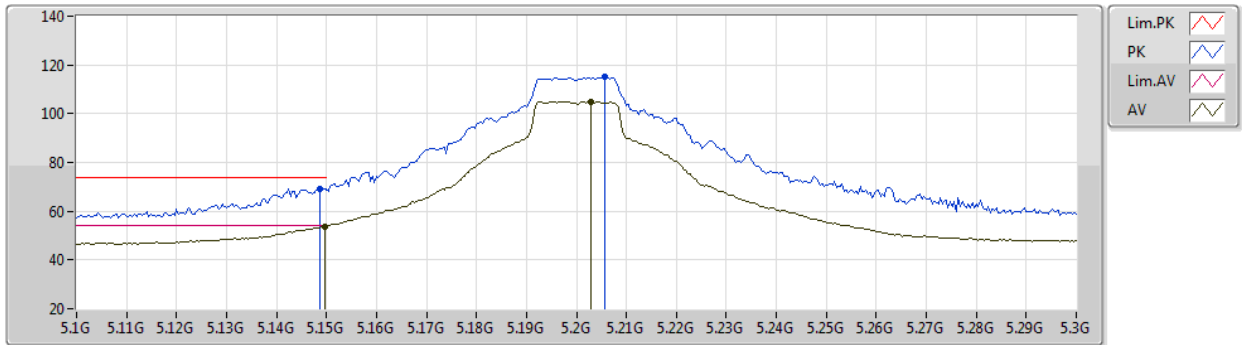
EUT V_1TX
Setting 71
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3604G	53.60	68.20	-14.60	40.07	3	Horizontal	192	1.80	-	38.88	7.23	32.58
PK	15.53964G	58.48	74.00	-15.52	43.56	3	Horizontal	266	1.80	-	38.74	9.04	32.86
AV	15.53932G	45.09	54.00	-8.91	30.17	3	Horizontal	266	1.80	-	38.74	9.04	32.86

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5200MHz_TX



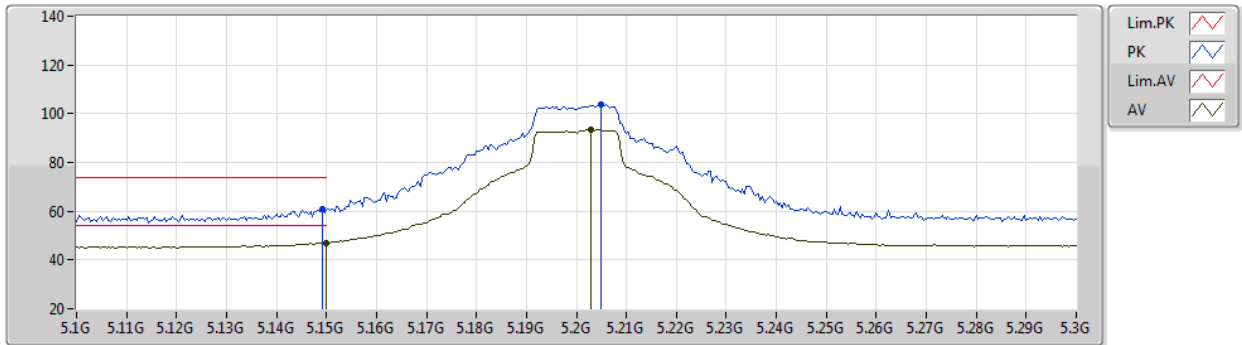
EUT Y_1TX
Setting 86
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	69.19	74.00	-4.81	62.47	3	Vertical	29	1.46	-	33.45	5.00	31.73
AV	5.1496G	53.78	54.00	-0.22	47.06	3	Vertical	29	1.46	-	33.45	5.00	31.73
PK	5.2056G	114.92	Inf	-Inf	108.00	3	Vertical	29	1.46	-	33.51	5.10	31.69
AV	5.2028G	105.08	Inf	-Inf	98.16	3	Vertical	29	1.46	-	33.51	5.10	31.69

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5200MHz_TX



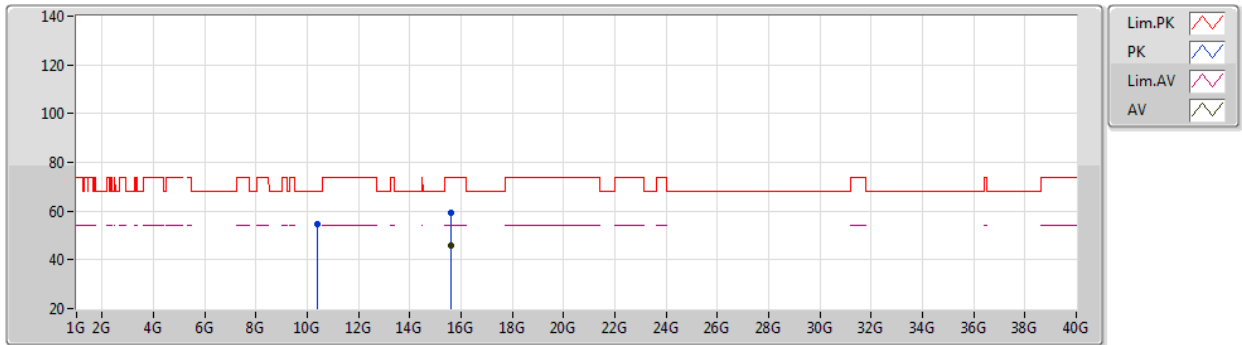
EUT Y_1TX
Setting 86
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1492G	61.01	74.00	-12.99	54.29	3	Horizontal	360	1.68	-	33.45	5.00	31.73
AV	5.15G	46.91	54.00	-7.09	40.19	3	Horizontal	360	1.68	-	33.45	5.00	31.73
PK	5.2048G	103.68	Inf	-Inf	96.76	3	Horizontal	360	1.68	-	33.51	5.10	31.69
AV	5.2028G	93.53	Inf	-Inf	86.61	3	Horizontal	360	1.68	-	33.51	5.10	31.69

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5200MHz_TX



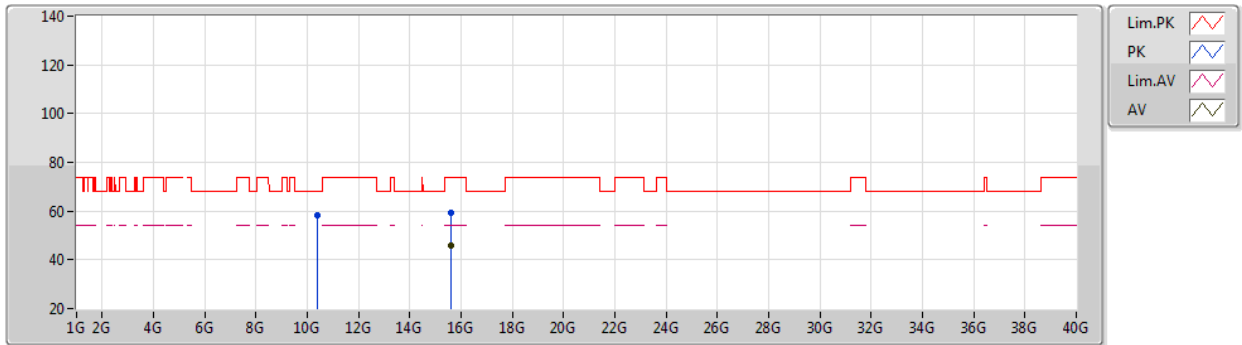
EUT V_1TX
Setting 86
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40012G	54.84	68.20	-13.36	41.33	3	Vertical	358	2.26	-	38.86	7.24	32.59
PK	15.59936G	59.54	74.00	-14.46	44.78	3	Vertical	357	2.84	-	38.56	9.06	32.86
AV	15.59508G	46.00	54.00	-8.00	31.23	3	Vertical	357	2.84	-	38.57	9.06	32.86

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5200MHz_TX



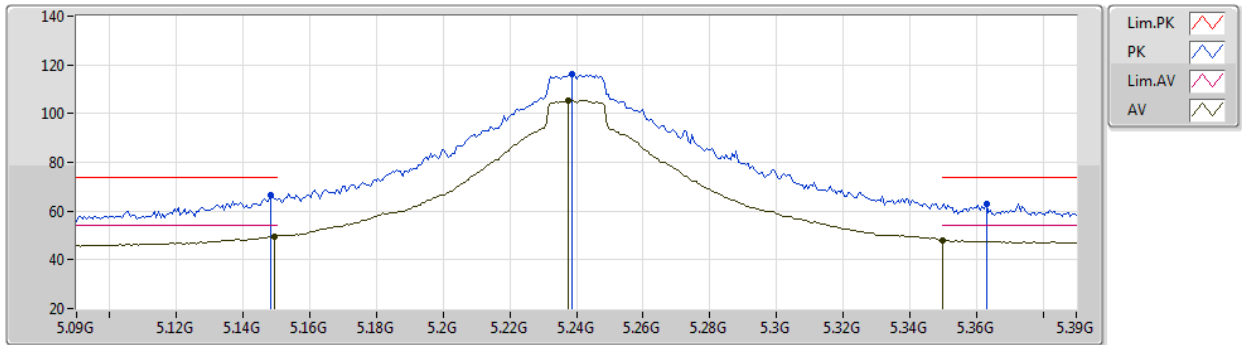
EUT V_1TX
Setting 86
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40116G	58.39	68.20	-9.81	44.88	3	Horizontal	108	2.21	-	38.86	7.24	32.59
PK	15.59352G	59.12	74.00	-14.88	44.34	3	Horizontal	268	1.80	-	38.58	9.06	32.86
AV	15.59716G	45.92	54.00	-8.08	31.15	3	Horizontal	268	1.80	-	38.57	9.06	32.86

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5240MHz_TX



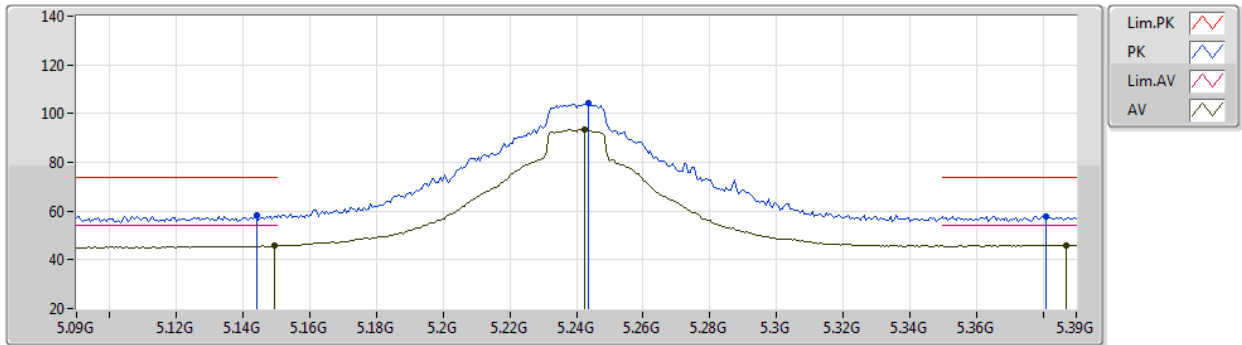
EUT Y_1TX
Setting 92
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1482G	66.42	74.00	-7.58	59.70	3	Vertical	360	2.08	-	33.45	5.00	31.73
AV	5.1494G	49.73	54.00	-4.27	43.01	3	Vertical	360	2.08	-	33.45	5.00	31.73
PK	5.2388G	116.07	Inf	-Inf	109.07	3	Vertical	360	2.08	-	33.58	5.08	31.66
AV	5.2376G	105.52	Inf	-Inf	98.52	3	Vertical	360	2.08	-	33.58	5.08	31.66
PK	5.363G	63.04	74.00	-10.96	55.84	3	Vertical	360	2.08	-	33.76	5.02	31.58
AV	5.35G	48.08	54.00	-5.92	40.89	3	Vertical	360	2.08	-	33.75	5.02	31.58

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5240MHz_TX



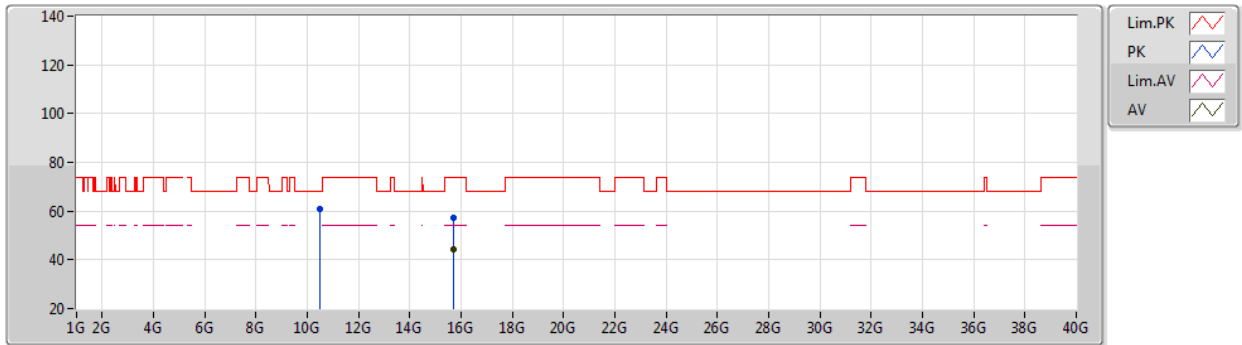
EUT Y_1TX
Setting 92
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.144G	58.04	74.00	-15.96	51.34	3	Horizontal	357	1.57	-	33.44	4.99	31.73
AV	5.1494G	45.66	54.00	-8.34	38.94	3	Horizontal	357	1.57	-	33.45	5.00	31.73
PK	5.2436G	104.21	Inf	-Inf	97.20	3	Horizontal	357	1.57	-	33.59	5.08	31.66
AV	5.2424G	93.69	Inf	-Inf	86.69	3	Horizontal	357	1.57	-	33.58	5.08	31.66
PK	5.381G	57.97	74.00	-16.03	50.74	3	Horizontal	357	1.57	-	33.78	5.01	31.56
AV	5.387G	46.11	54.00	-7.89	38.87	3	Horizontal	357	1.57	-	33.79	5.01	31.56

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5240MHz_TX



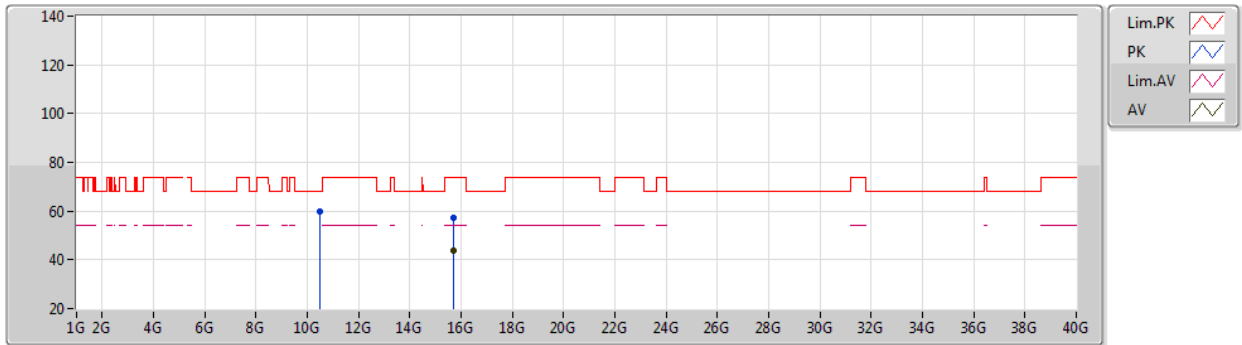
EUT V_1TX
Setting 92
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48092G	60.79	68.20	-7.41	47.32	3	Vertical	189	1.63	-	38.81	7.27	32.61
PK	15.71908G	57.46	74.00	-16.54	43.02	3	Vertical	360	2.77	-	38.21	9.10	32.87
AV	15.71376G	44.28	54.00	-9.72	29.82	3	Vertical	360	2.77	-	38.23	9.10	32.87

802.11a_Nss1,(6Mbps)_1TX

17/10/2020

5240MHz_TX



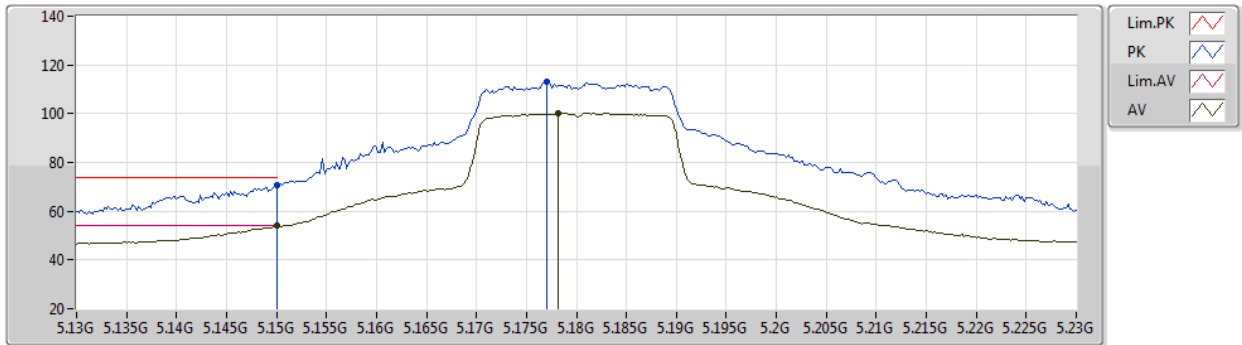
EUT Y_1TX
Setting 92
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4778G	59.89	68.20	-8.31	46.42	3	Horizontal	150	2.02	-	38.81	7.27	32.61
PK	15.71828G	57.04	74.00	-16.96	42.59	3	Horizontal	212	1.80	-	38.22	9.10	32.87
AV	15.72308G	43.88	54.00	-10.12	29.45	3	Horizontal	212	1.80	-	38.20	9.10	32.87

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5180MHz_TX



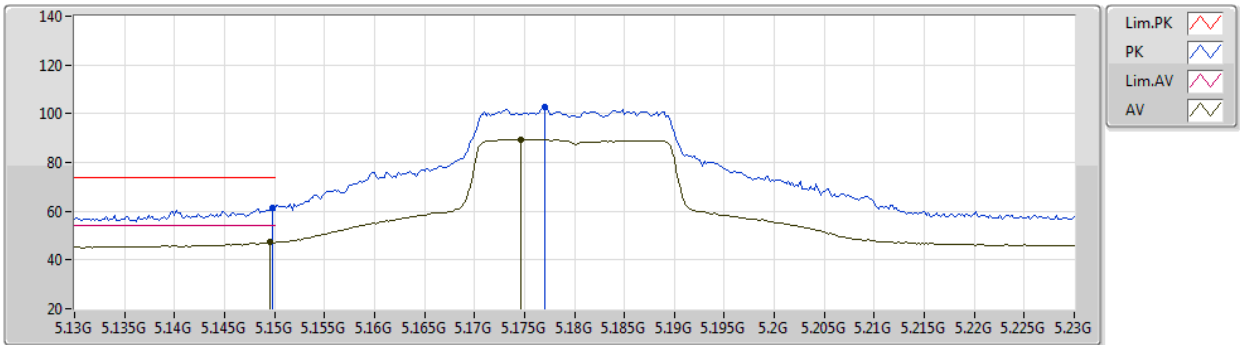
EUT Y_1TX
Setting 68
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	70.72	74.00	-3.28	64.00	3	Vertical	358	1.94	-	33.45	5.00	31.73
AV	5.15G	53.88	54.00	-0.12	47.16	3	Vertical	358	1.94	-	33.45	5.00	31.73
PK	5.177G	113.27	Inf	-Inf	106.45	3	Vertical	358	1.94	-	33.48	5.05	31.71
AV	5.1782G	100.20	Inf	-Inf	93.37	3	Vertical	358	1.94	-	33.48	5.06	31.71

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5180MHz_TX



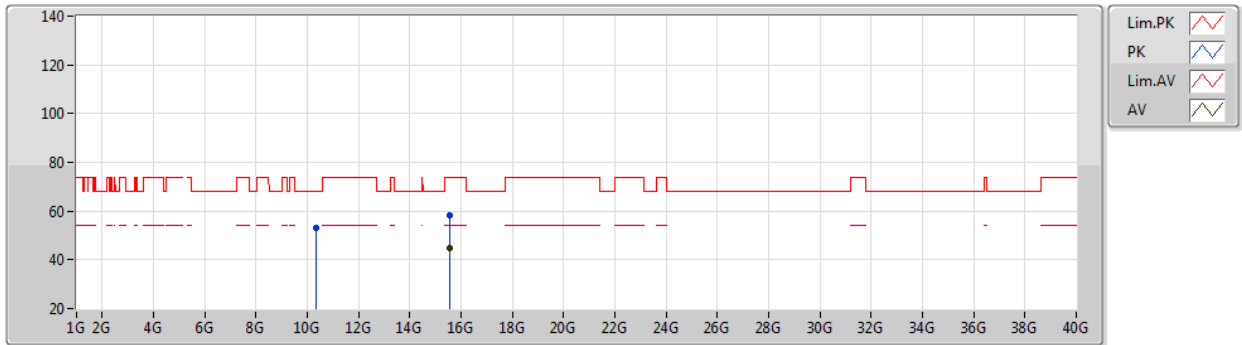
EUT Y_1TX
Setting 68
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1498G	61.54	74.00	-12.46	54.82	3	Horizontal	0	1.68	-	33.45	5.00	31.73
AV	5.1496G	47.30	54.00	-6.70	40.58	3	Horizontal	0	1.68	-	33.45	5.00	31.73
PK	5.177G	102.64	Inf	-Inf	95.82	3	Horizontal	0	1.68	-	33.48	5.05	31.71
AV	5.1746G	89.52	Inf	-Inf	82.71	3	Horizontal	0	1.68	-	33.47	5.05	31.71

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5180MHz_TX



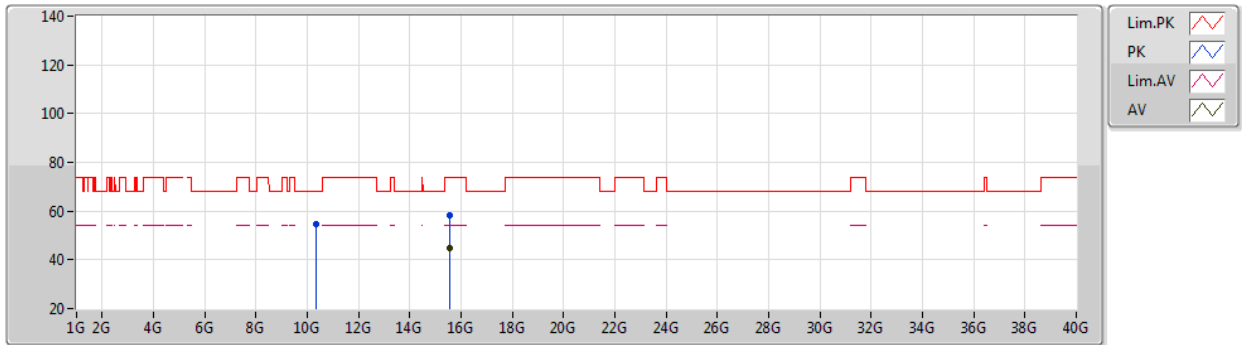
EUT Y_1TX
Setting 68
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35644G	53.25	68.20	-14.95	39.72	3	Vertical	359	2.29	-	38.89	7.22	32.58
PK	15.54636G	58.03	74.00	-15.97	43.13	3	Vertical	358	2.94	-	38.72	9.04	32.86
AV	15.5468G	44.94	54.00	-9.06	30.05	3	Vertical	358	2.94	-	38.71	9.04	32.86

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5180MHz_TX



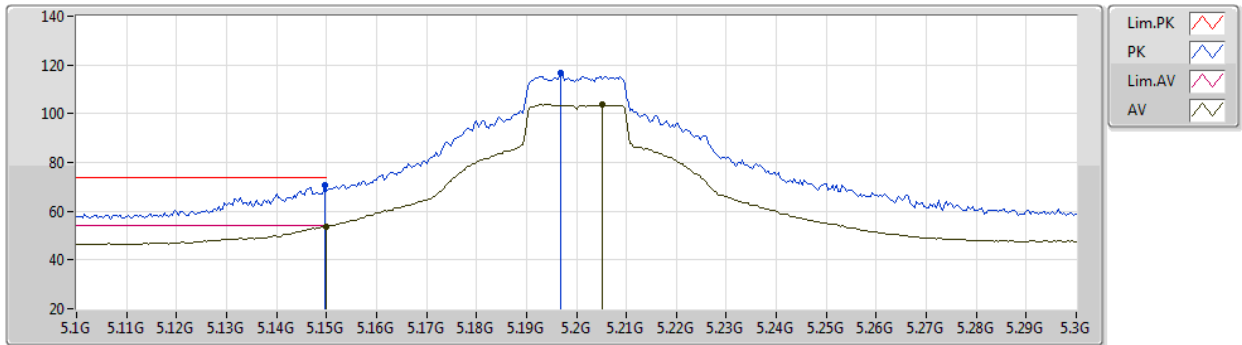
EUT V_1TX
Setting 68
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36472G	54.85	68.20	-13.35	41.32	3	Horizontal	113	2.26	-	38.88	7.23	32.58
PK	15.53776G	58.14	74.00	-15.86	43.22	3	Horizontal	275	1.90	-	38.74	9.04	32.86
AV	15.53856G	44.80	54.00	-9.20	29.88	3	Horizontal	275	1.90	-	38.74	9.04	32.86

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5200MHz_TX



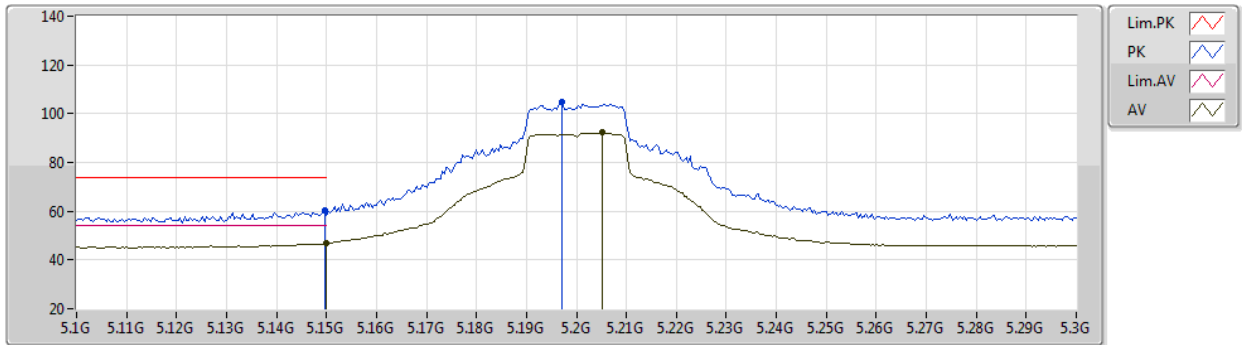
EUT Y_1TX
Setting 82
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	70.66	74.00	-3.34	63.94	3	Vertical	26	1.38	-	33.45	5.00	31.73
AV	5.15G	53.79	54.00	-0.21	47.07	3	Vertical	26	1.38	-	33.45	5.00	31.73
PK	5.1968G	116.72	Inf	-Inf	109.82	3	Vertical	26	1.38	-	33.50	5.09	31.69
AV	5.2052G	103.69	Inf	-Inf	96.77	3	Vertical	26	1.38	-	33.51	5.10	31.69

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5200MHz_TX



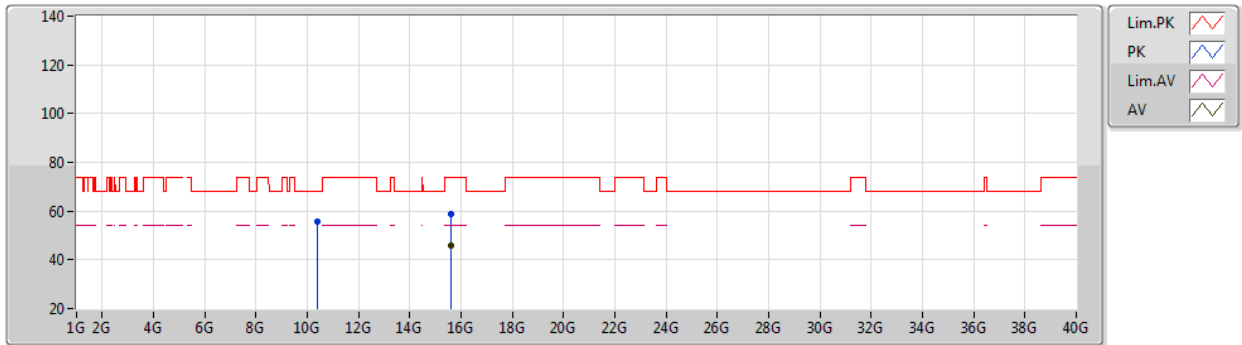
EUT Y_1TX
Setting 82
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	60.18	74.00	-13.82	53.46	3	Horizontal	360	1.68	-	33.45	5.00	31.73
AV	5.15G	46.93	54.00	-7.07	40.21	3	Horizontal	360	1.68	-	33.45	5.00	31.73
PK	5.1972G	104.62	Inf	-Inf	97.72	3	Horizontal	360	1.68	-	33.50	5.09	31.69
AV	5.2052G	92.25	Inf	-Inf	85.33	3	Horizontal	360	1.68	-	33.51	5.10	31.69

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5200MHz_TX



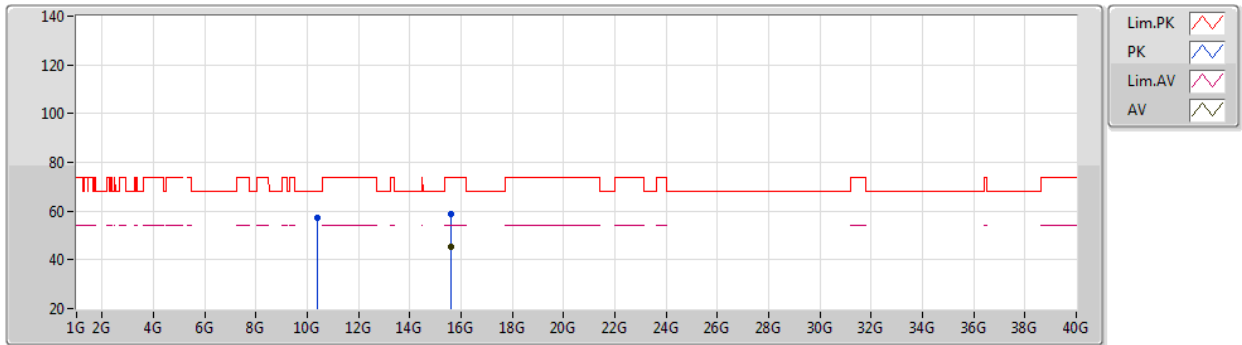
EUT V_1TX
Setting 82
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39848G	55.64	68.20	-12.56	42.13	3	Vertical	46	1.87	-	38.86	7.24	32.59
PK	15.5968G	58.75	74.00	-15.25	43.98	3	Vertical	359	2.92	-	38.57	9.06	32.86
AV	15.59984G	45.73	54.00	-8.27	30.97	3	Vertical	359	2.92	-	38.56	9.06	32.86

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5200MHz_TX



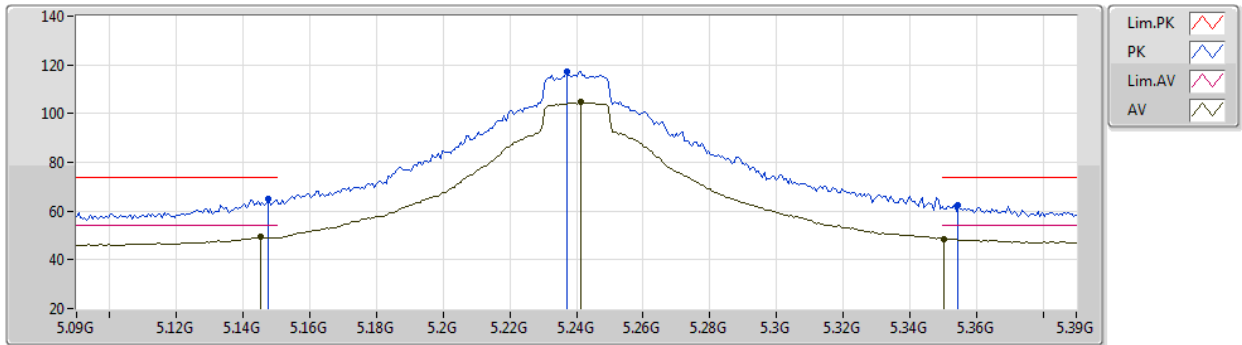
EUT V_1TX
Setting 82
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40496G	57.22	68.20	-10.98	43.71	3	Horizontal	111	2.25	-	38.86	7.24	32.59
PK	15.59408G	58.66	74.00	-15.34	43.88	3	Horizontal	259	1.80	-	38.58	9.06	32.86
AV	15.59324G	45.15	54.00	-8.85	30.37	3	Horizontal	259	1.80	-	38.58	9.06	32.86

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5240MHz_TX



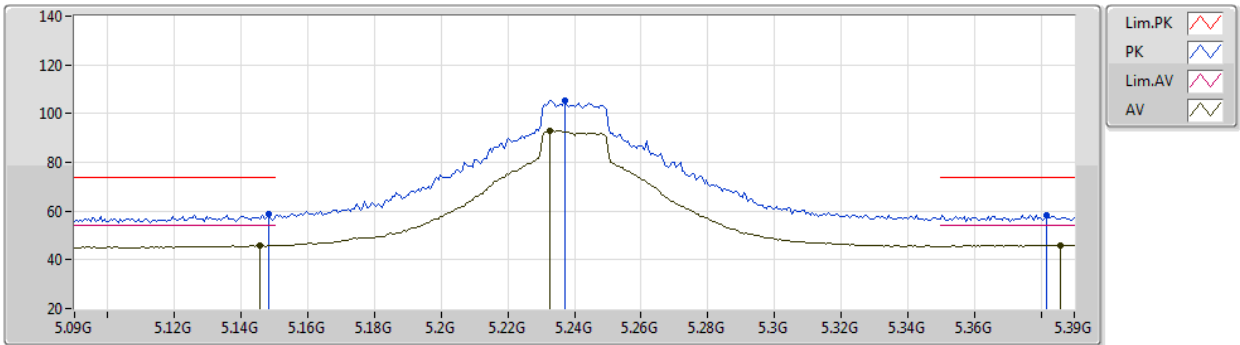
EUT Y_1TX
Setting 91
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	64.78	74.00	-9.22	58.06	3	Vertical	359	1.80	-	33.45	5.00	31.73
AV	5.1452G	49.30	54.00	-4.70	42.59	3	Vertical	359	1.80	-	33.45	4.99	31.73
PK	5.237G	117.18	Inf	-Inf	110.19	3	Vertical	359	1.80	-	33.57	5.08	31.66
AV	5.2412G	104.71	Inf	-Inf	97.71	3	Vertical	359	1.80	-	33.58	5.08	31.66
PK	5.3546G	62.40	74.00	-11.60	55.21	3	Vertical	359	1.80	-	33.75	5.02	31.58
AV	5.3504G	48.66	54.00	-5.34	41.47	3	Vertical	359	1.80	-	33.75	5.02	31.58

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5240MHz_TX



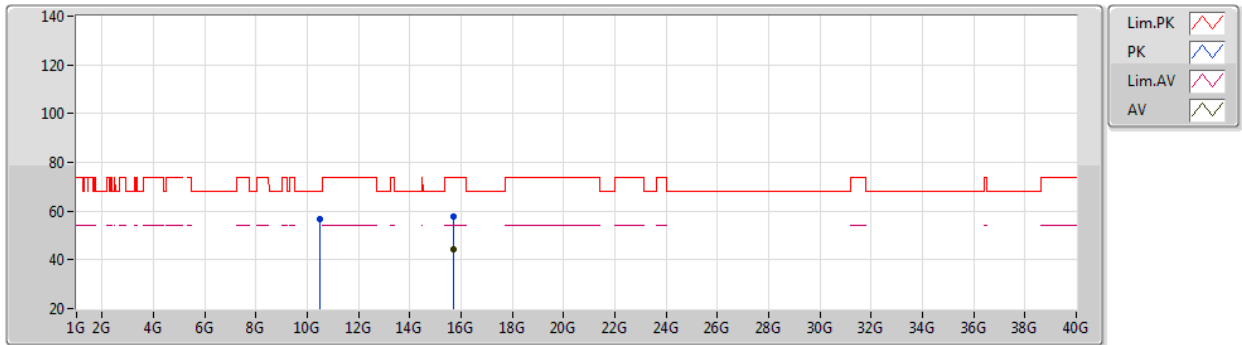
EUT Y_1TX
Setting 91
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1482G	58.79	74.00	-15.21	52.07	3	Horizontal	357	1.43	-	33.45	5.00	31.73
AV	5.1458G	45.88	54.00	-8.12	39.17	3	Horizontal	357	1.43	-	33.45	4.99	31.73
PK	5.237G	105.57	Inf	-Inf	98.58	3	Horizontal	357	1.43	-	33.57	5.08	31.66
AV	5.2328G	92.95	Inf	-Inf	85.97	3	Horizontal	357	1.43	-	33.57	5.08	31.67
PK	5.3816G	58.27	74.00	-15.73	51.04	3	Horizontal	357	1.43	-	33.78	5.01	31.56
AV	5.3858G	46.10	54.00	-7.90	38.86	3	Horizontal	357	1.43	-	33.79	5.01	31.56

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5240MHz_TX



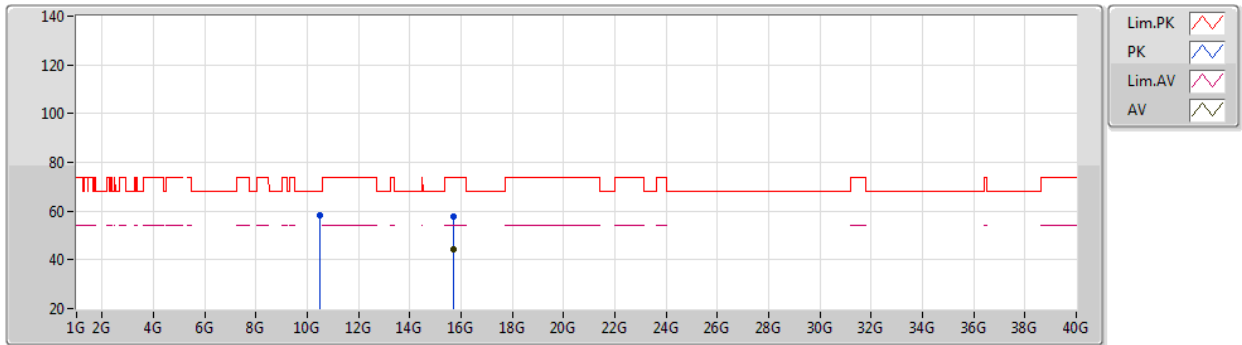
EUT V_1TX
Setting 91
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.485G	56.47	68.20	-11.73	43.01	3	Vertical	188	1.63	-	38.81	7.27	32.62
PK	15.72164G	57.79	74.00	-16.21	43.35	3	Vertical	9	1.80	-	38.21	9.10	32.87
AV	15.71968G	44.12	54.00	-9.88	29.68	3	Vertical	9	1.80	-	38.21	9.10	32.87

802.11ax HEW20_Nss1,(MCS0)_1TX

17/10/2020

5240MHz_TX



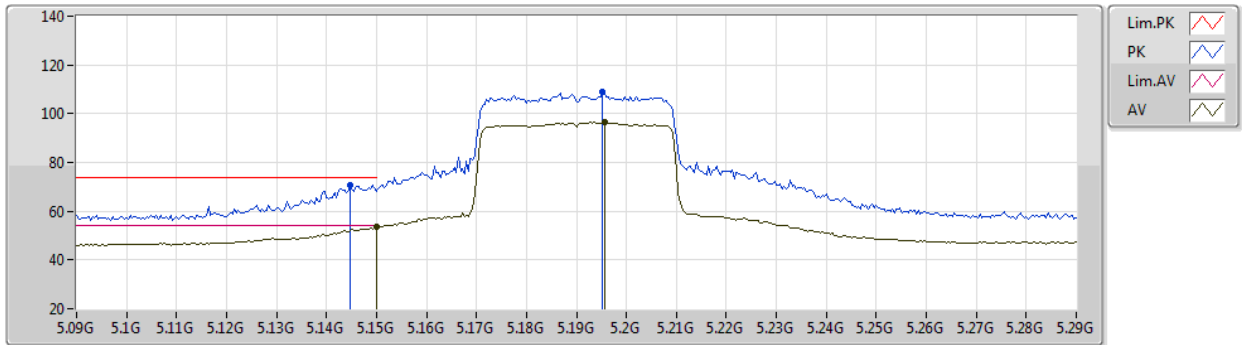
EUT V_1TX
Setting 91
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48044G	58.19	68.20	-10.01	44.72	3	Horizontal	150	2.03	-	38.81	7.27	32.61
PK	15.71916G	57.57	74.00	-16.43	43.13	3	Horizontal	242	1.79	-	38.21	9.10	32.87
AV	15.71484G	44.13	54.00	-9.87	29.67	3	Horizontal	242	1.79	-	38.23	9.10	32.87

802.11ax HEW40_Nss1,(MCS0)_1TX

17/10/2020

5190MHz_TX



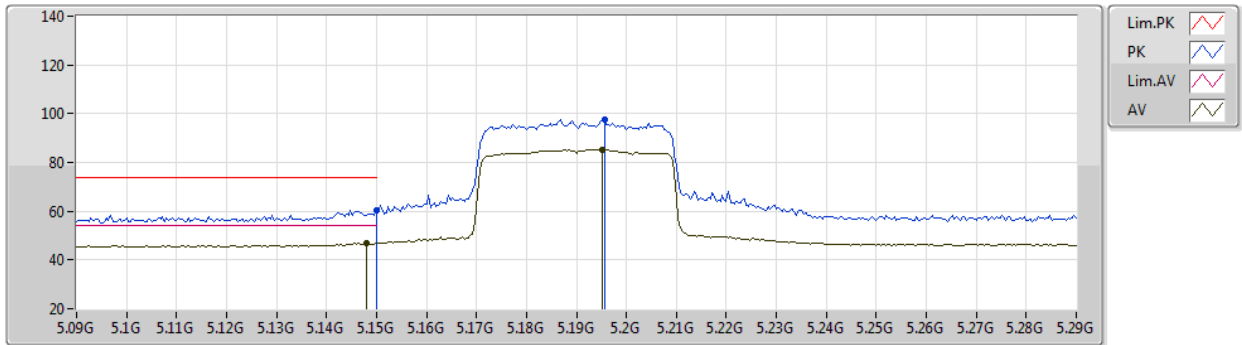
EUT Y_1TX
Setting 59
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1448G	70.79	74.00	-3.21	64.09	3	Vertical	31	1.41	-	33.44	4.99	31.73
AV	5.15G	53.77	54.00	-0.23	47.05	3	Vertical	31	1.41	-	33.45	5.00	31.73
PK	5.1952G	108.95	Inf	-Inf	102.05	3	Vertical	31	1.41	-	33.50	5.09	31.69
AV	5.1956G	96.39	Inf	-Inf	89.49	3	Vertical	31	1.41	-	33.50	5.09	31.69

802.11ax HEW40_Nss1,(MCS0)_1TX

17/10/2020

5190MHz_TX



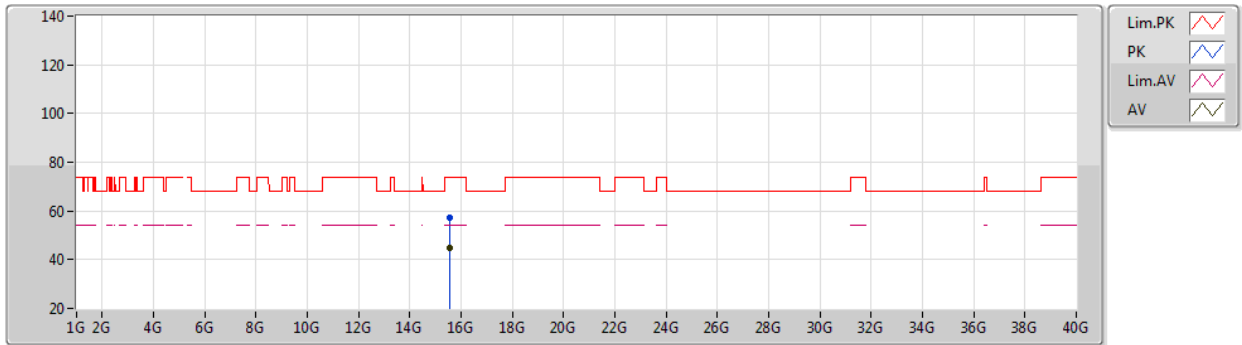
EUT Y_1TX
Setting 59
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	60.52	74.00	-13.48	53.80	3	Horizontal	0	1.96	-	33.45	5.00	31.73
AV	5.148G	47.12	54.00	-6.88	40.40	3	Horizontal	0	1.96	-	33.45	5.00	31.73
PK	5.1956G	97.71	Inf	-Inf	90.81	3	Horizontal	0	1.96	-	33.50	5.09	31.69
AV	5.1952G	85.28	Inf	-Inf	78.38	3	Horizontal	0	1.96	-	33.50	5.09	31.69

802.11ax HEW40_Nss1,(MCS0)_1TX

17/10/2020

5190MHz_TX



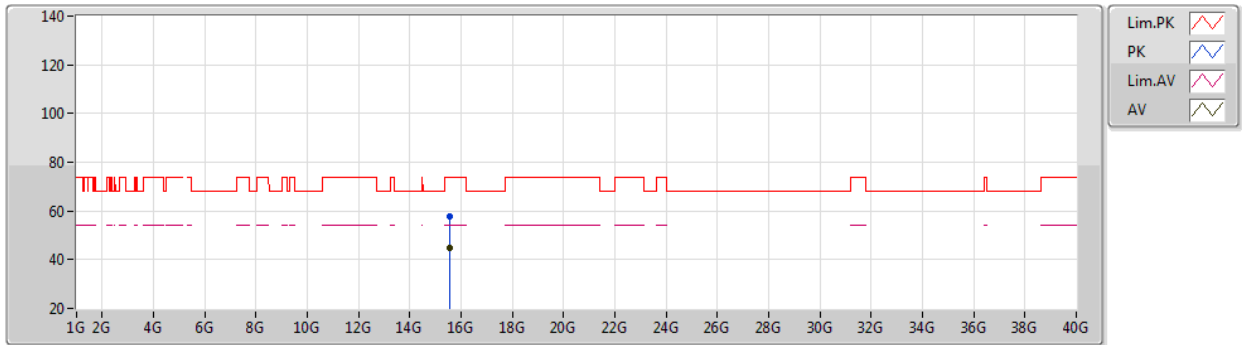
EUT V_1TX
Setting 59
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.56624G	57.02	74.00	-16.98	42.17	3	Vertical	294	2.93	-	38.66	9.05	32.86
AV	15.57364G	45.02	54.00	-8.98	30.19	3	Vertical	294	2.93	-	38.64	9.05	32.86

802.11ax HEW40_Nss1,(MCS0)_1TX

17/10/2020

5190MHz_TX



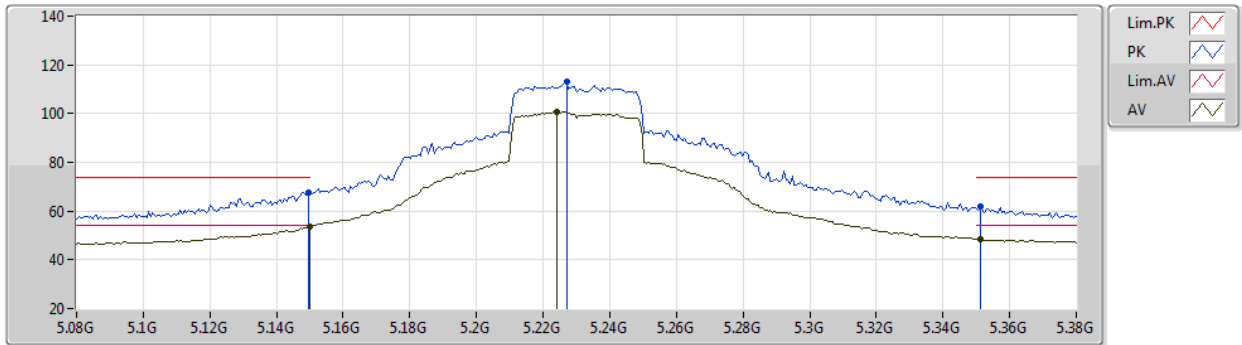
EUT V_1TX
Setting 59
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.57234G	57.71	74.00	-16.29	42.88	3	Horizontal	120	2.79	-	38.64	9.05	32.86
AV	15.57382G	45.06	54.00	-8.94	30.23	3	Horizontal	120	2.79	-	38.64	9.05	32.86

802.11ax HEW40_Nss1,(MCS0)_1TX

17/10/2020

5230MHz_TX



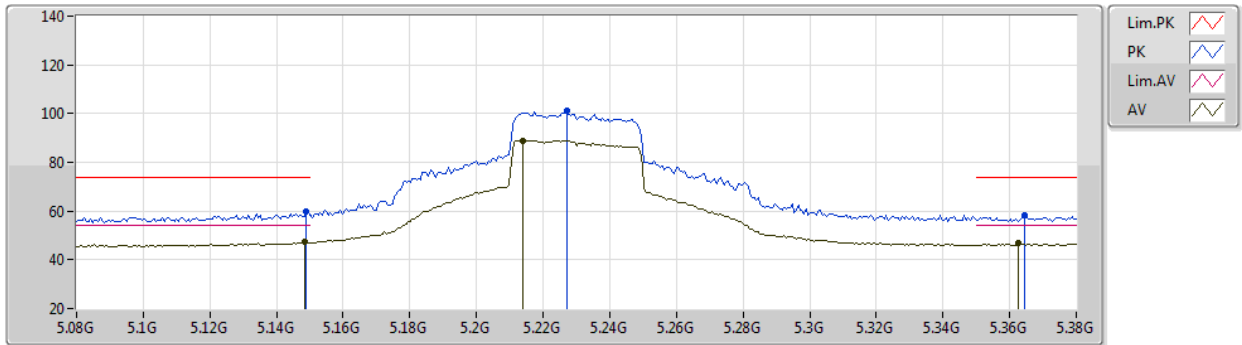
EUT Y_1TX
Setting 80
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	67.82	74.00	-6.18	61.10	3	Vertical	31	1.13	-	33.45	5.00	31.73
AV	5.15G	53.78	54.00	-0.22	47.06	3	Vertical	31	1.13	-	33.45	5.00	31.73
PK	5.227G	113.02	Inf	-Inf	106.05	3	Vertical	31	1.13	-	33.55	5.09	31.67
AV	5.224G	100.61	Inf	-Inf	93.64	3	Vertical	31	1.13	-	33.55	5.09	31.67
PK	5.3512G	61.95	74.00	-12.05	54.76	3	Vertical	31	1.13	-	33.75	5.02	31.58
AV	5.3512G	48.37	54.00	-5.63	41.18	3	Vertical	31	1.13	-	33.75	5.02	31.58

802.11ax HEW40_Nss1,(MCS0)_1TX

17/10/2020

5230MHz_TX



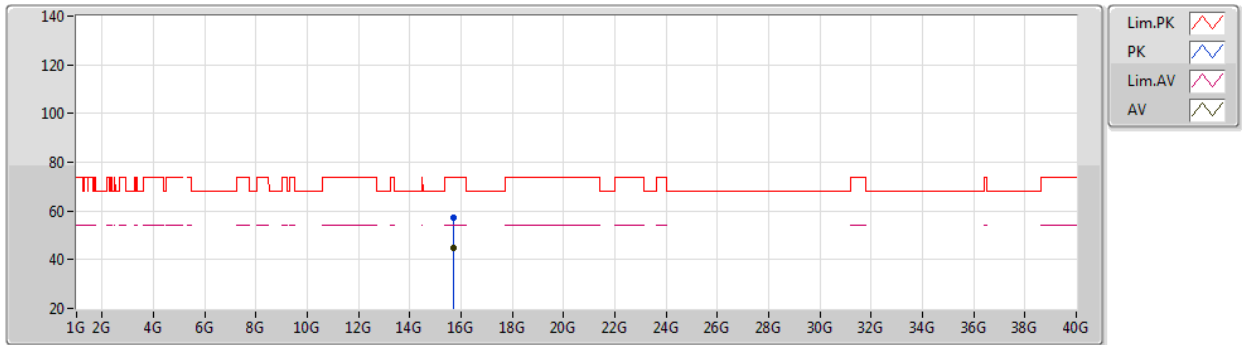
EUT Y_1TX
Setting 80
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.149G	59.74	74.00	-14.26	53.02	3	Horizontal	360	1.76	-	33.45	5.00	31.73
AV	5.1484G	47.24	54.00	-6.76	40.52	3	Horizontal	360	1.76	-	33.45	5.00	31.73
PK	5.227G	101.45	Inf	-Inf	94.48	3	Horizontal	360	1.76	-	33.55	5.09	31.67
AV	5.2138G	89.00	Inf	-Inf	82.06	3	Horizontal	360	1.76	-	33.53	5.09	31.68
PK	5.3644G	58.22	74.00	-15.78	51.01	3	Horizontal	360	1.76	-	33.76	5.02	31.57
AV	5.3626G	46.89	54.00	-7.11	39.69	3	Horizontal	360	1.76	-	33.76	5.02	31.58

802.11ax HEW40_Nss1,(MCS0)_1TX

17/10/2020

5230MHz_TX



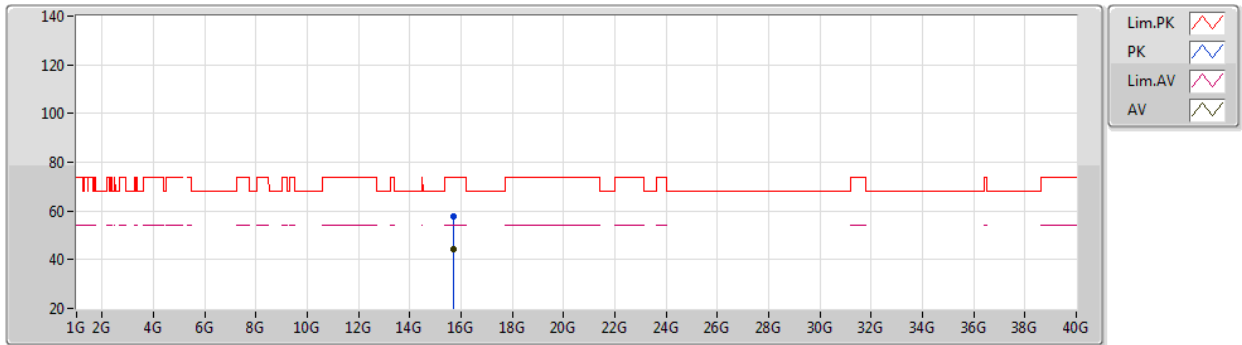
EUT V_1TX
Setting 80
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.68502G	57.16	74.00	-16.84	42.62	3	Vertical	115	2.21	-	38.31	9.09	32.86
AV	15.69052G	44.82	54.00	-9.18	30.29	3	Vertical	115	2.21	-	38.30	9.09	32.86

802.11ax HEW40_Nss1,(MCS0)_1TX

17/10/2020

5230MHz_TX



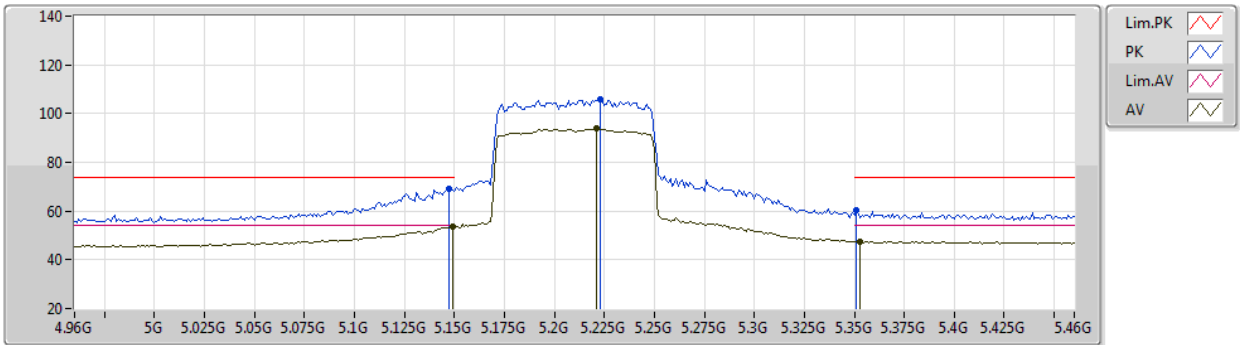
EUT V_1TX
Setting 80
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.6872G	57.59	74.00	-16.41	43.05	3	Horizontal	88	1.03	-	38.31	9.09	32.86
AV	15.69302G	44.45	54.00	-9.55	29.93	3	Horizontal	88	1.03	-	38.29	9.09	32.86

802.11ax HEW80_Nss1,(MCS0)_1TX

17/10/2020

5210MHz_TX



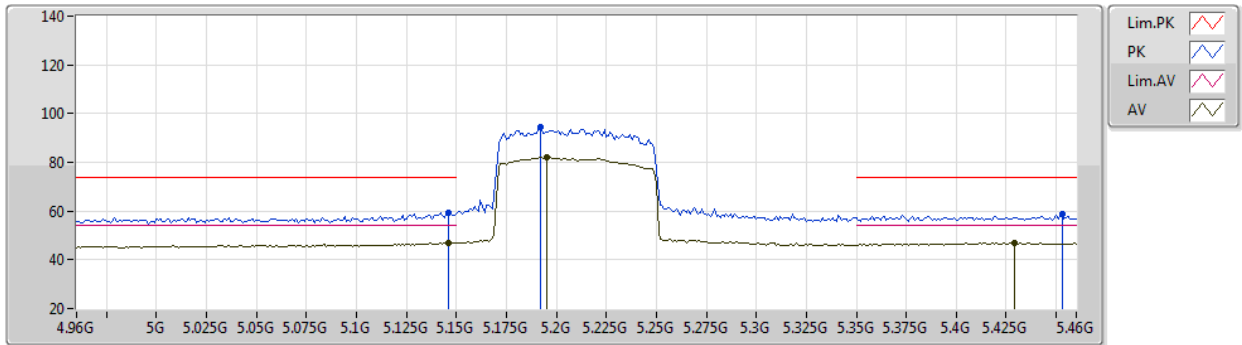
EUT Y_1TX
Setting 61
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.147G	69.00	74.00	-5.00	62.29	3	Vertical	25	1.36	-	33.45	4.99	31.73
AV	5.149G	53.86	54.00	-0.14	47.14	3	Vertical	25	1.36	-	33.45	5.00	31.73
PK	5.223G	105.61	Inf	-Inf	98.64	3	Vertical	25	1.36	-	33.55	5.09	31.67
AV	5.221G	93.83	Inf	-Inf	86.88	3	Vertical	25	1.36	-	33.54	5.09	31.68
PK	5.351G	60.09	74.00	-13.91	52.90	3	Vertical	25	1.36	-	33.75	5.02	31.58
AV	5.353G	47.56	54.00	-6.44	40.37	3	Vertical	25	1.36	-	33.75	5.02	31.58

802.11ax HEW80_Nss1,(MCS0)_1TX

17/10/2020

5210MHz_TX



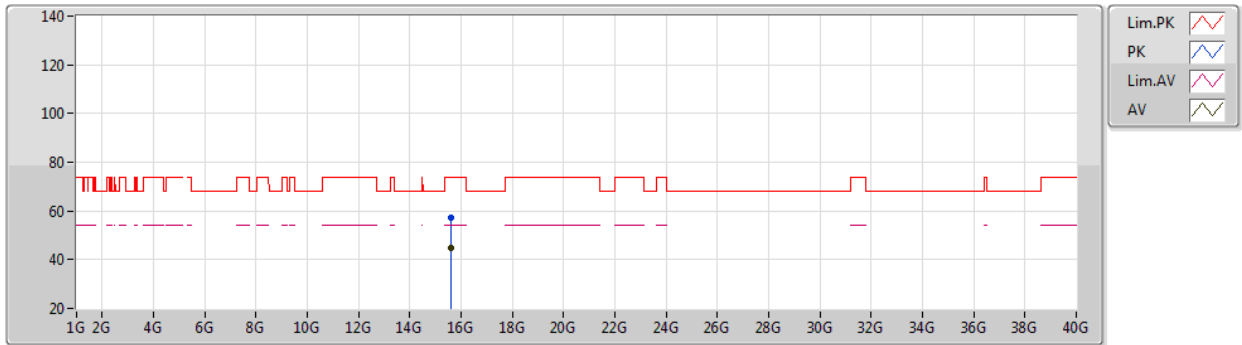
EUT Y_1TX
Setting 61
02-E-L-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	59.29	74.00	-14.71	52.58	3	Horizontal	0	1.96	-	33.45	4.99	31.73
AV	5.146G	47.14	54.00	-6.86	40.43	3	Horizontal	0	1.96	-	33.45	4.99	31.73
PK	5.192G	94.45	Inf	-Inf	87.58	3	Horizontal	0	1.96	-	33.49	5.08	31.70
AV	5.195G	82.29	Inf	-Inf	75.40	3	Horizontal	0	1.96	-	33.49	5.09	31.69
PK	5.453G	58.64	74.00	-15.36	51.25	3	Horizontal	0	1.96	-	33.85	5.05	31.51
AV	5.429G	47.08	54.00	-6.92	39.75	3	Horizontal	0	1.96	-	33.83	5.03	31.53

802.11ax HEW80_Nss1,(MCS0)_1TX

17/10/2020

5210MHz_TX



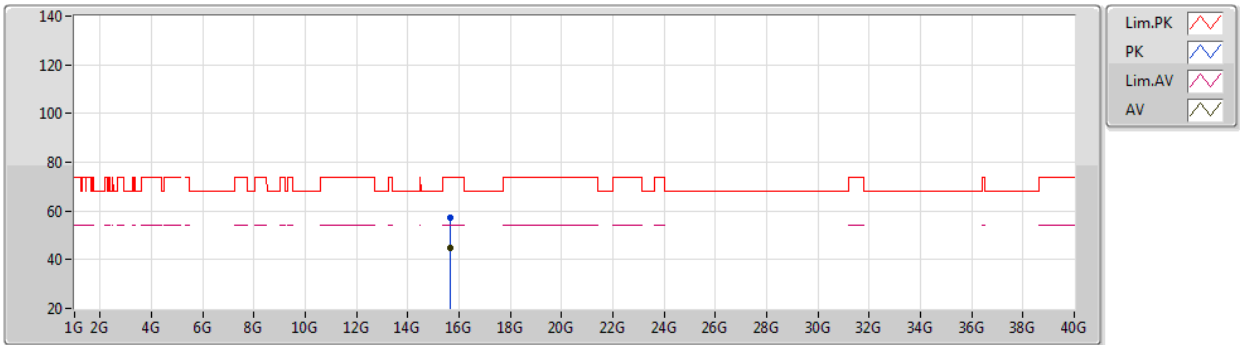
EUT V_1TX
Setting 61
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63014G	57.39	74.00	-16.61	42.71	3	Vertical	272	2.38	-	38.47	9.07	32.86
AV	15.62588G	44.67	54.00	-9.33	29.98	3	Vertical	272	2.38	-	38.48	9.07	32.86

802.11ax HEW80_Nss1,(MCS0)_1TX

17/10/2020

5210MHz_TX



EUT V_1TX
Setting 61
02-E-L-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.63236G	57.05	74.00	-16.95	42.37	3	Horizontal	50	1.00	-	38.47	9.07	32.86
AV	15.63356G	45.05	54.00	-8.95	30.38	3	Horizontal	50	1.00	-	38.46	9.07	32.86



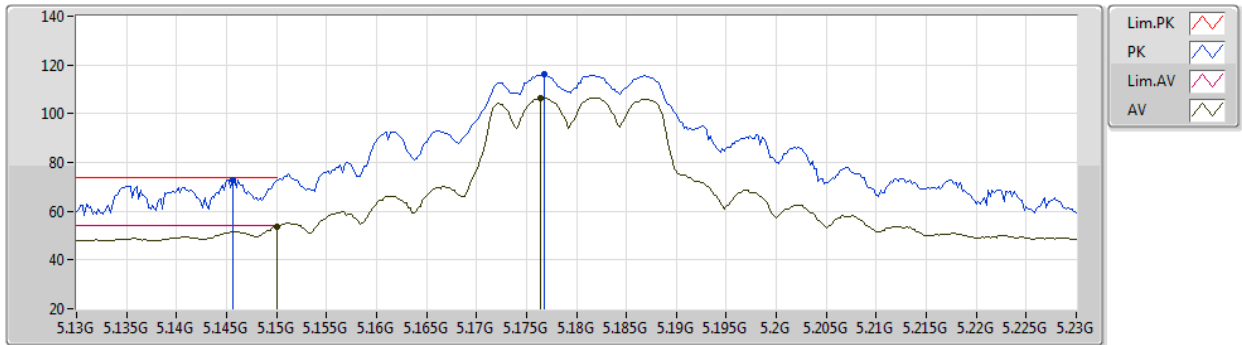
For non beamforming mode 2TX
Summary

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 HEW40_Nss1,(MCS0)_2TX	Pass	AV	5.1484G	53.94	54.00	-0.06	3	Vertical	19	1.75	-

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5180MHz_TX



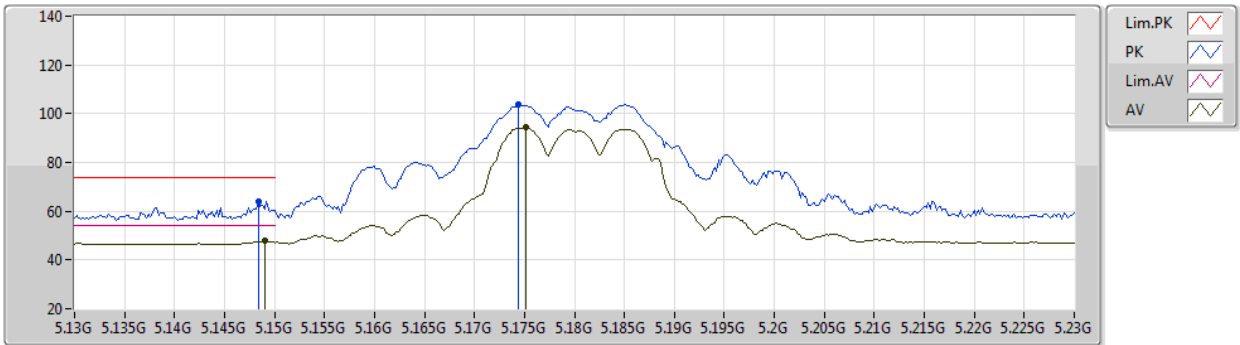
EUT Y_2TX
Setting 68
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1456G	72.99	74.00	-1.01	65.30	3	Vertical	8	1.98	-	33.45	5.97	31.73
AV	5.15G	53.81	54.00	-0.19	46.12	3	Vertical	8	1.98	-	33.45	5.97	31.73
PK	5.1768G	116.08	Inf	-Inf	108.32	3	Vertical	8	1.98	-	33.48	5.99	31.71
AV	5.1764G	106.60	Inf	-Inf	98.84	3	Vertical	8	1.98	-	33.48	5.99	31.71

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5180MHz_TX



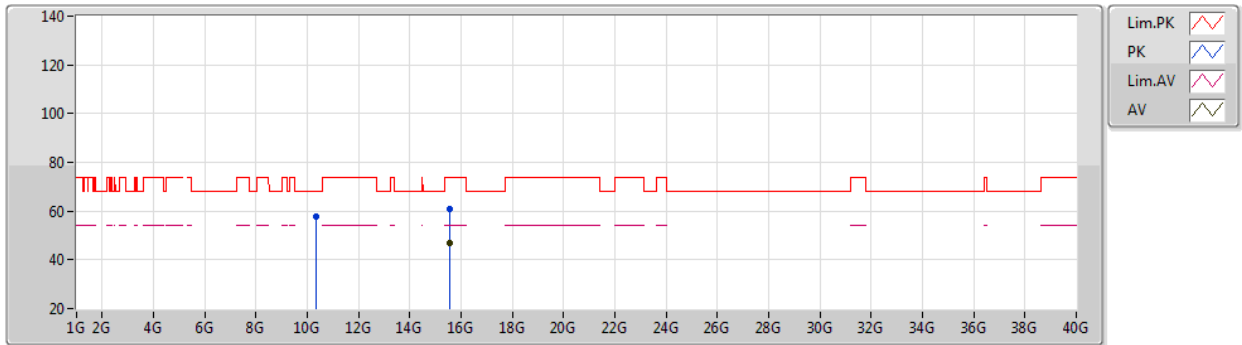
EUT Y_2TX
Setting 68
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1484G	64.06	74.00	-9.94	56.37	3	Horizontal	360	1.20	-	33.45	5.97	31.73
AV	5.149G	47.83	54.00	-6.17	40.14	3	Horizontal	360	1.20	-	33.45	5.97	31.73
PK	5.1744G	104.03	Inf	-Inf	96.28	3	Horizontal	360	1.20	-	33.47	5.99	31.71
AV	5.1752G	94.45	Inf	-Inf	86.69	3	Horizontal	360	1.20	-	33.48	5.99	31.71

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5180MHz_TX



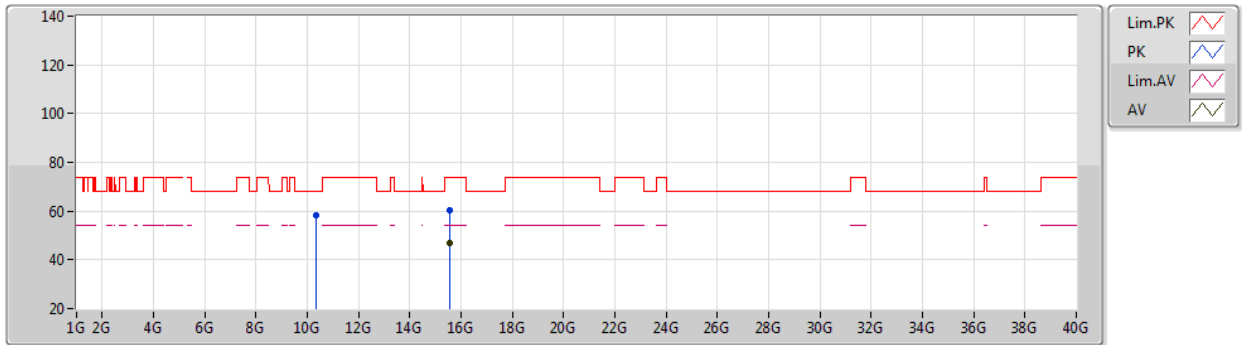
EUT Y_2TX
Setting 68
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35764G	57.85	68.20	-10.35	43.03	3	Vertical	105	1.65	-	38.89	8.51	32.58
PK	15.54112G	60.96	74.00	-13.04	45.84	3	Vertical	30	1.70	-	38.73	9.25	32.86
AV	15.5407G	46.73	54.00	-7.27	31.61	3	Vertical	30	1.70	-	38.73	9.25	32.86

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5180MHz_TX



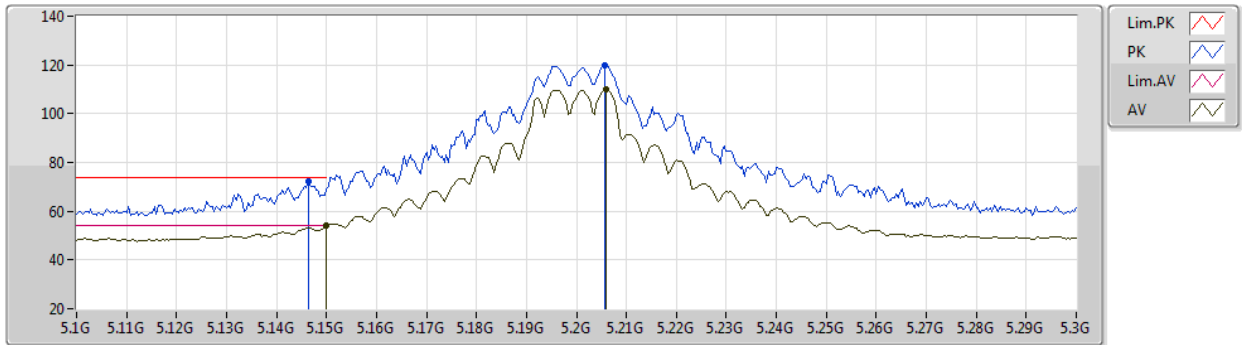
EUT Y_2TX
Setting 68
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.35754G	58.16	68.20	-10.04	43.34	3	Horizontal	274	1.72	-	38.89	8.51	32.58
PK	15.54042G	60.56	74.00	-13.44	45.44	3	Horizontal	70	2.48	-	38.73	9.25	32.86
AV	15.54062G	46.76	54.00	-7.24	31.64	3	Horizontal	70	2.48	-	38.73	9.25	32.86

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5200MHz_TX



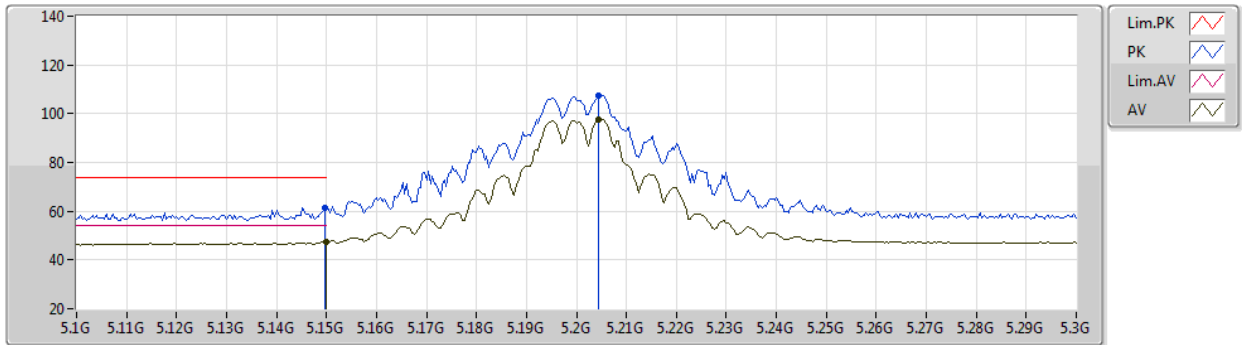
EUT Y_2TX
Setting 82
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1464G	72.17	74.00	-1.83	64.48	3	Vertical	14	1.99	-	33.45	5.97	31.73
AV	5.15G	53.93	54.00	-0.07	46.24	3	Vertical	14	1.99	-	33.45	5.97	31.73
PK	5.2056G	119.92	Inf	-Inf	112.10	3	Vertical	14	1.99	-	33.51	6.00	31.69
AV	5.206G	110.03	Inf	-Inf	102.21	3	Vertical	14	1.99	-	33.51	6.00	31.69

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5200MHz_TX



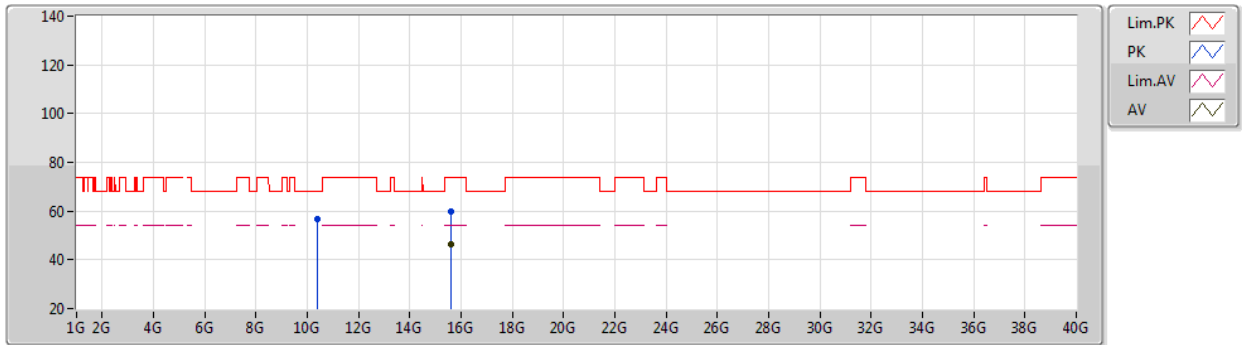
EUT Y_2TX
Setting 82
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	61.22	74.00	-12.78	53.53	3	Horizontal	0	1.19	-	33.45	5.97	31.73
AV	5.15G	47.37	54.00	-6.63	39.68	3	Horizontal	0	1.19	-	33.45	5.97	31.73
PK	5.2044G	107.47	Inf	-Inf	99.65	3	Horizontal	0	1.19	-	33.51	6.00	31.69
AV	5.2044G	97.59	Inf	-Inf	89.77	3	Horizontal	0	1.19	-	33.51	6.00	31.69

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5200MHz_TX



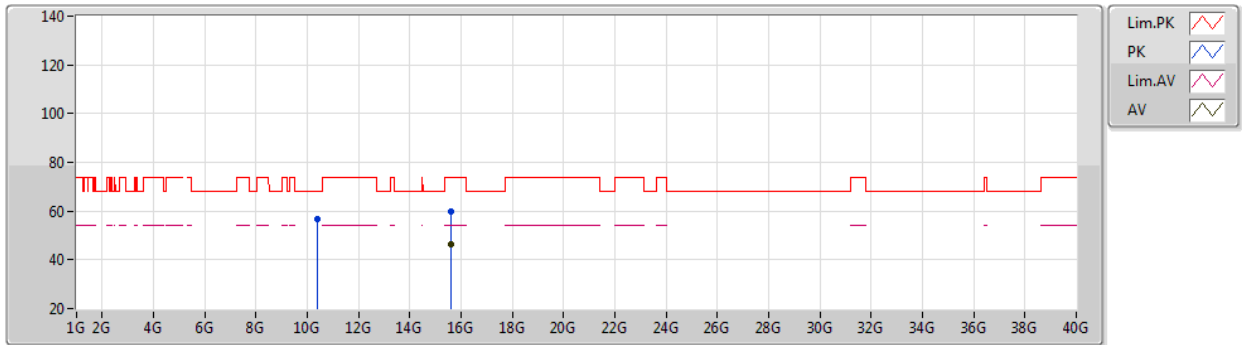
EUT Y_2TX
Setting 82
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40312G	56.90	68.20	-11.30	42.11	3	Vertical	206	1.65	-	38.86	8.52	32.59
PK	15.60112G	59.57	74.00	-14.43	44.60	3	Vertical	141	1.14	-	38.56	9.27	32.86
AV	15.59554G	46.29	54.00	-7.71	31.31	3	Vertical	141	1.14	-	38.57	9.27	32.86

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5200MHz_TX



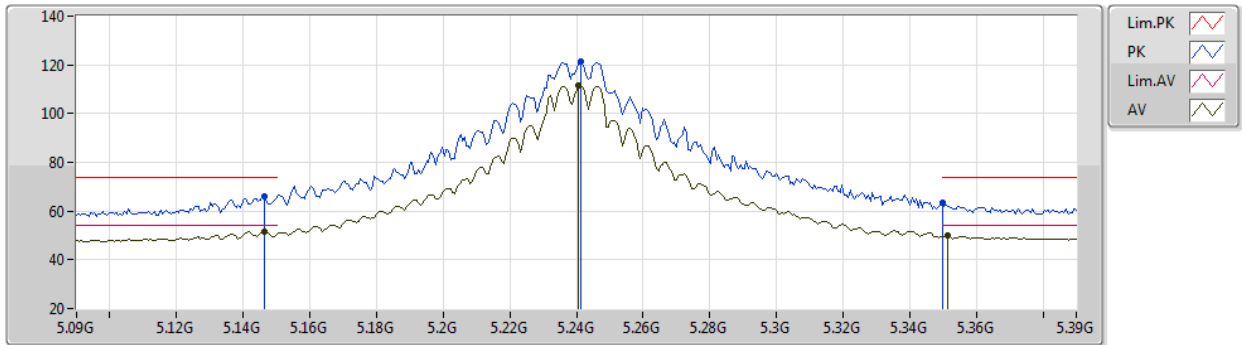
EUT Y_2TX
Setting 82
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39776G	56.76	68.20	-11.44	41.97	3	Horizontal	15	2.22	-	38.86	8.52	32.59
PK	15.5952G	59.84	74.00	-14.16	44.86	3	Horizontal	101	2.80	-	38.57	9.27	32.86
AV	15.59536G	46.26	54.00	-7.74	31.28	3	Horizontal	101	2.80	-	38.57	9.27	32.86

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5240MHz_TX



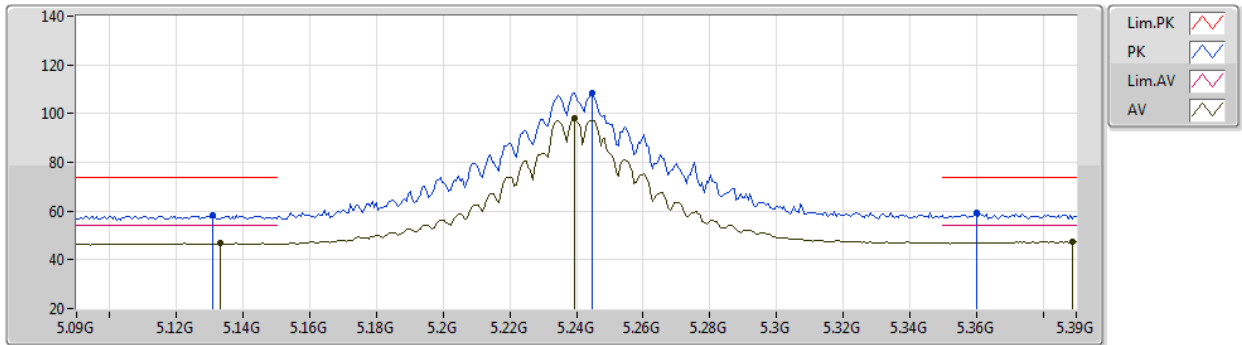
EUT Y_2TX
Setting 90
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1464G	65.95	74.00	-8.05	58.26	3	Vertical	338	1.80	-	33.45	5.97	31.73
AV	5.1464G	51.48	54.00	-2.52	43.79	3	Vertical	338	1.80	-	33.45	5.97	31.73
PK	5.2412G	121.33	Inf	-Inf	113.39	3	Vertical	338	1.80	-	33.58	6.02	31.66
AV	5.2406G	111.42	Inf	-Inf	103.48	3	Vertical	338	1.80	-	33.58	6.02	31.66
PK	5.35G	63.58	74.00	-10.42	55.33	3	Vertical	338	1.80	-	33.75	6.08	31.58
AV	5.3516G	49.98	54.00	-4.02	41.73	3	Vertical	338	1.80	-	33.75	6.08	31.58

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5240MHz_TX



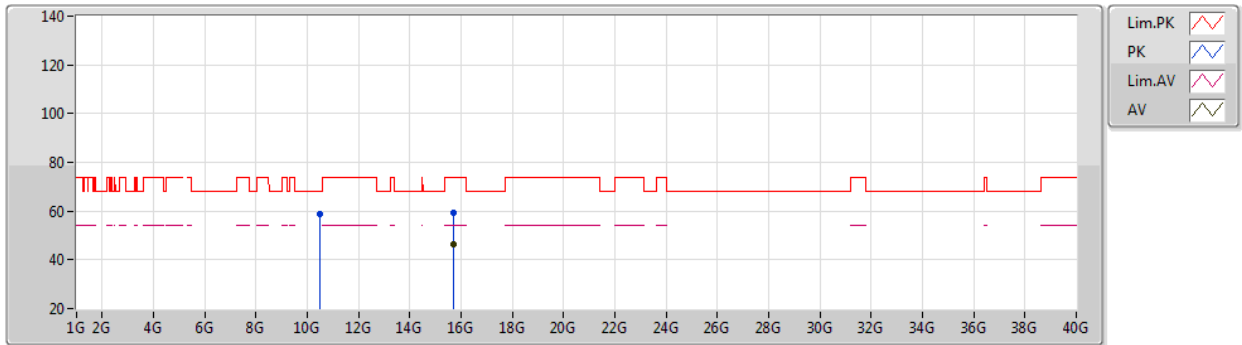
EUT Y_2TX
Setting 90
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1308G	58.43	74.00	-15.57	50.77	3	Horizontal	360	1.56	-	33.43	5.97	31.74
AV	5.1332G	46.78	54.00	-7.22	39.12	3	Horizontal	360	1.56	-	33.43	5.97	31.74
PK	5.2448G	108.30	Inf	-Inf	100.35	3	Horizontal	360	1.56	-	33.59	6.02	31.66
AV	5.2394G	97.85	Inf	-Inf	89.91	3	Horizontal	360	1.56	-	33.58	6.02	31.66
PK	5.36G	59.28	74.00	-14.72	51.02	3	Horizontal	360	1.56	-	33.76	6.08	31.58
AV	5.3888G	47.44	54.00	-6.56	39.12	3	Horizontal	360	1.56	-	33.79	6.09	31.56

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5240MHz_TX



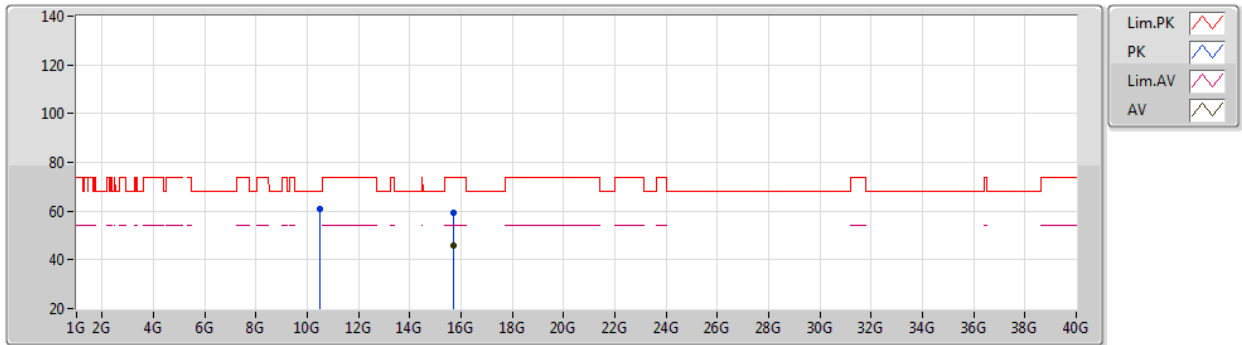
EUT Y_2TX
Setting 90
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47972G	58.75	68.20	-9.45	44.00	3	Vertical	174	2.26	-	38.81	8.55	32.61
PK	15.72268G	59.55	74.00	-14.45	44.91	3	Vertical	360	2.54	-	38.20	9.31	32.87
AV	15.72222G	46.30	54.00	-7.70	31.65	3	Vertical	360	2.54	-	38.21	9.31	32.87

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5240MHz_TX



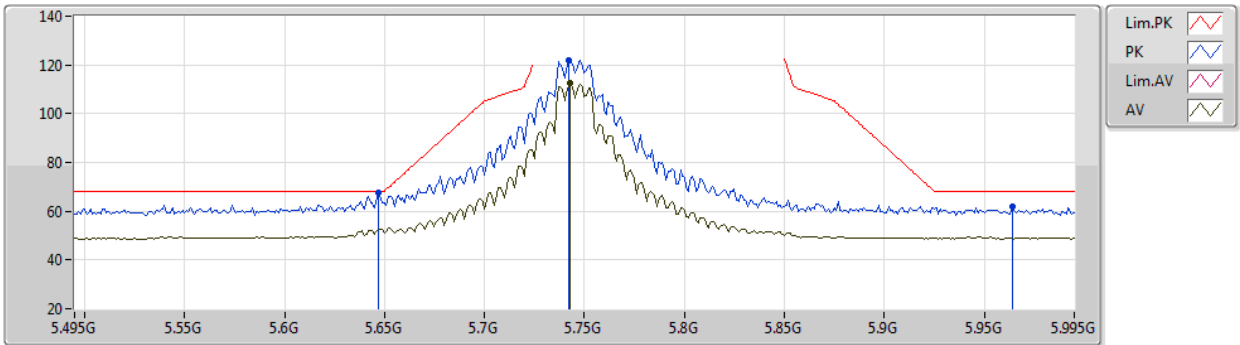
EUT Y_2TX
Setting 90
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4777G	60.92	68.20	-7.28	46.17	3	Horizontal	119	2.11	-	38.81	8.55	32.61
PK	15.7191G	59.50	74.00	-14.50	44.85	3	Horizontal	58	2.40	-	38.21	9.31	32.87
AV	15.71988G	45.69	54.00	-8.31	31.04	3	Horizontal	58	2.40	-	38.21	9.31	32.87

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5745MHz_TX



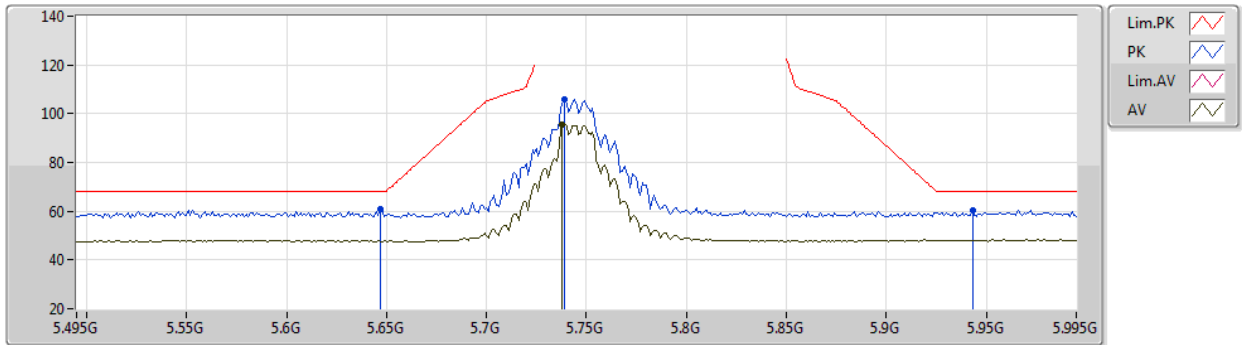
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	67.58	68.20	-0.62	58.88	3	Vertical	0	1.50	-	33.85	6.32	31.47
PK	5.742G	121.97	Inf	-Inf	113.26	3	Vertical	0	1.50	-	33.80	6.37	31.46
AV	5.743G	112.36	Inf	-Inf	103.65	3	Vertical	0	1.50	-	33.80	6.37	31.46
PK	5.964G	61.75	68.20	-6.45	52.72	3	Vertical	0	1.50	-	34.16	6.32	31.45

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5745MHz_TX



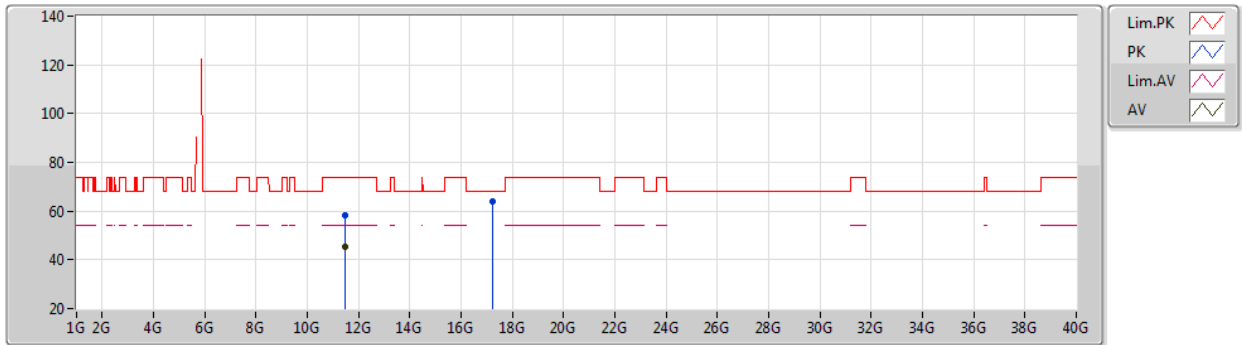
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	60.85	68.20	-7.35	52.15	3	Horizontal	269	1.82	-	33.85	6.32	31.47
PK	5.739G	105.82	Inf	-Inf	97.11	3	Horizontal	269	1.82	-	33.80	6.37	31.46
AV	5.738G	95.32	Inf	-Inf	86.61	3	Horizontal	269	1.82	-	33.80	6.37	31.46
PK	5.943G	60.41	68.20	-7.79	51.39	3	Horizontal	269	1.82	-	34.14	6.33	31.45

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5745MHz_TX



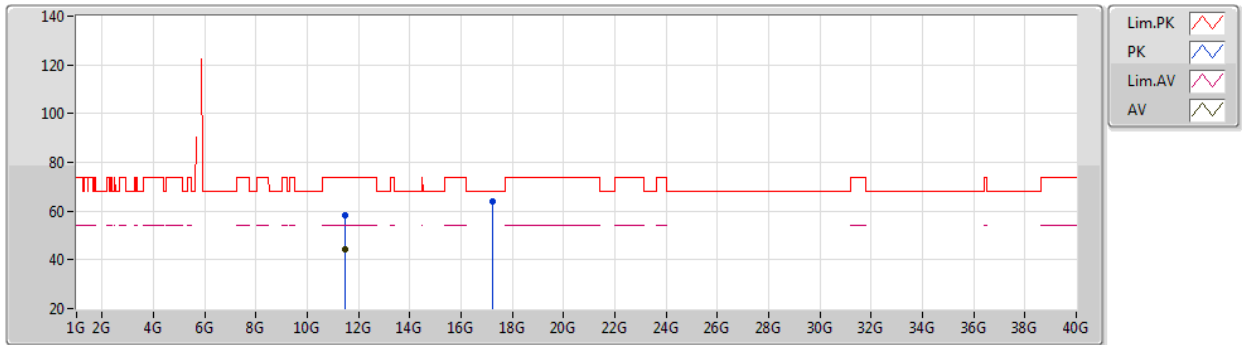
EUT Y_2TX
Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.495G	58.53	74.00	-15.47	43.63	3	Vertical	203	1.00	-	38.90	8.85	32.85
AV	11.4898G	45.39	54.00	-8.61	30.50	3	Vertical	203	1.00	-	38.89	8.85	32.85
PK	17.23754G	63.91	68.20	-4.29	44.26	3	Vertical	195	1.66	-	42.48	10.15	32.98

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5745MHz_TX



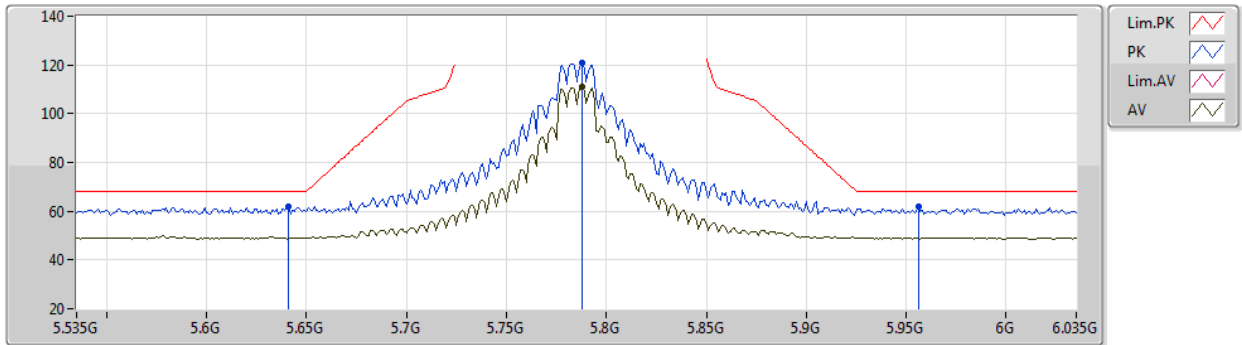
EUT Y_2TX
Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4876G	58.23	74.00	-15.77	43.34	3	Horizontal	148	1.50	-	38.89	8.85	32.85
AV	11.49276G	44.44	54.00	-9.56	29.55	3	Horizontal	148	1.50	-	38.89	8.85	32.85
PK	17.23798G	64.03	68.20	-4.17	44.37	3	Horizontal	22	1.70	-	42.49	10.15	32.98

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5785MHz_TX



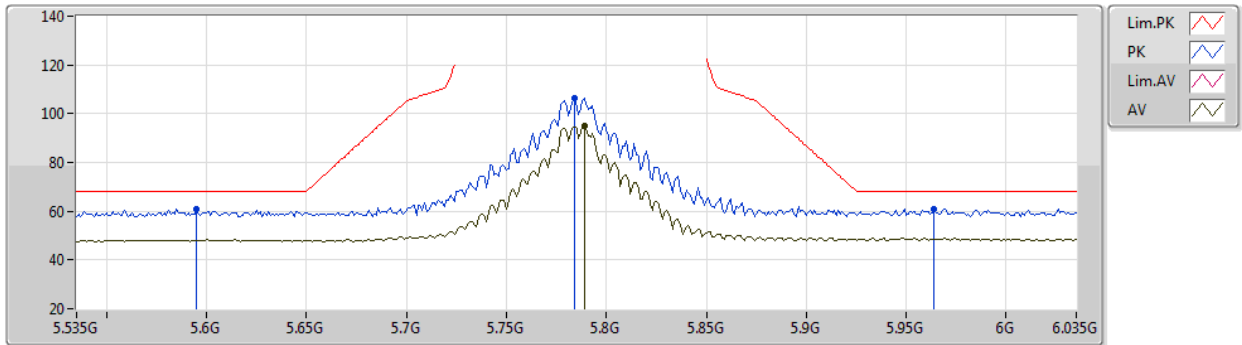
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.641G	61.75	68.20	-6.45	53.04	3	Vertical	360	1.59	-	33.86	6.32	31.47
PK	5.788G	121.01	Inf	-Inf	112.28	3	Vertical	360	1.59	-	33.80	6.39	31.46
AV	5.788G	111.12	Inf	-Inf	102.39	3	Vertical	360	1.59	-	33.80	6.39	31.46
PK	5.956G	62.15	68.20	-6.05	53.12	3	Vertical	360	1.59	-	34.16	6.32	31.45

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5785MHz_TX



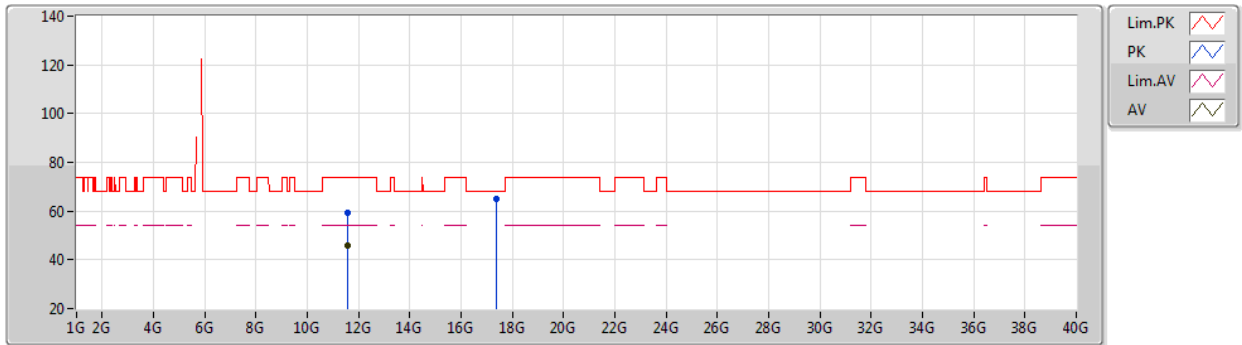
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.595G	60.83	68.20	-7.37	52.10	3	Horizontal	266	1.88	-	33.90	6.30	31.47
PK	5.784G	106.53	Inf	-Inf	97.80	3	Horizontal	266	1.88	-	33.80	6.39	31.46
AV	5.789G	95.25	Inf	-Inf	86.52	3	Horizontal	266	1.88	-	33.80	6.39	31.46
PK	5.964G	60.87	68.20	-7.33	51.84	3	Horizontal	266	1.88	-	34.16	6.32	31.45

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5785MHz_TX



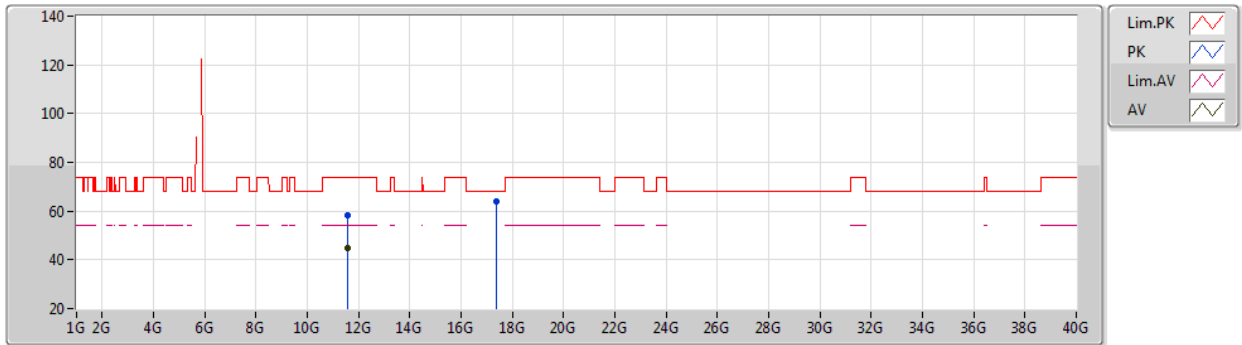
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Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56744G	59.17	74.00	-14.83	44.21	3	Vertical	197	1.66	-	38.95	8.87	32.86
AV	11.57268G	45.74	54.00	-8.26	30.76	3	Vertical	197	1.66	-	38.96	8.88	32.86
PK	17.35342G	64.85	68.20	-3.35	44.52	3	Vertical	198	1.69	-	43.11	10.22	33.00

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5785MHz_TX



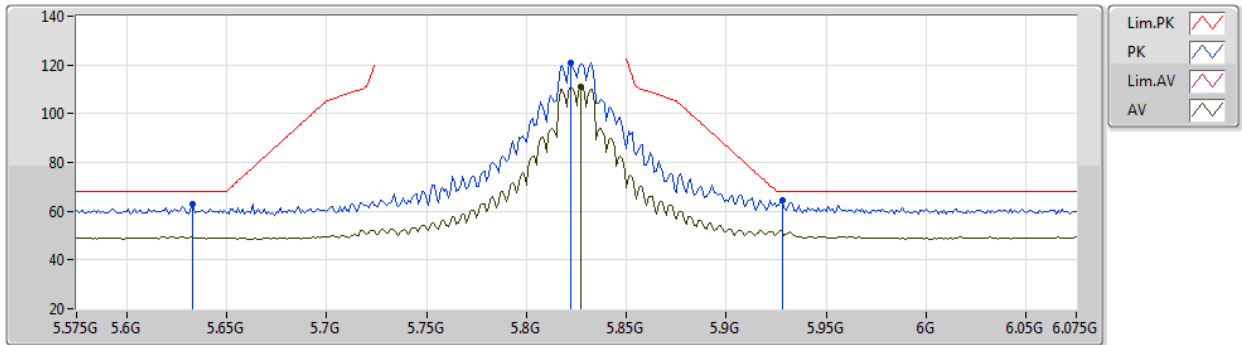
EUT Y_2TX
Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5694G	58.17	74.00	-15.83	43.19	3	Horizontal	148	1.52	-	38.96	8.88	32.86
AV	11.56858G	44.61	54.00	-9.39	29.65	3	Horizontal	148	1.52	-	38.95	8.87	32.86
PK	17.35382G	63.79	68.20	-4.41	43.46	3	Horizontal	140	1.78	-	43.11	10.22	33.00

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5825MHz_TX



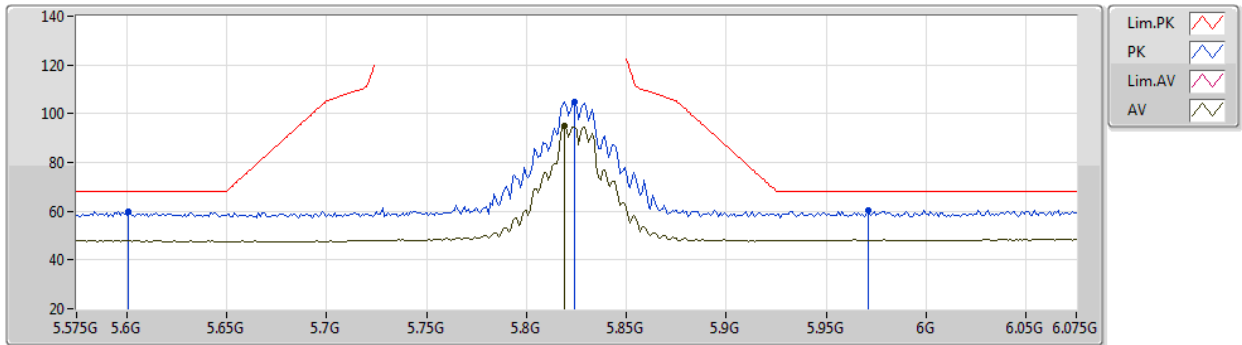
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.633G	62.82	68.20	-5.38	54.10	3	Vertical	360	1.63	-	33.87	6.32	31.47
PK	5.822G	120.71	Inf	-Inf	111.91	3	Vertical	360	1.63	-	33.87	6.39	31.46
AV	5.827G	111.07	Inf	-Inf	102.26	3	Vertical	360	1.63	-	33.88	6.39	31.46
PK	5.928G	64.25	68.20	-3.95	55.23	3	Vertical	360	1.63	-	34.13	6.34	31.45

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5825MHz_TX



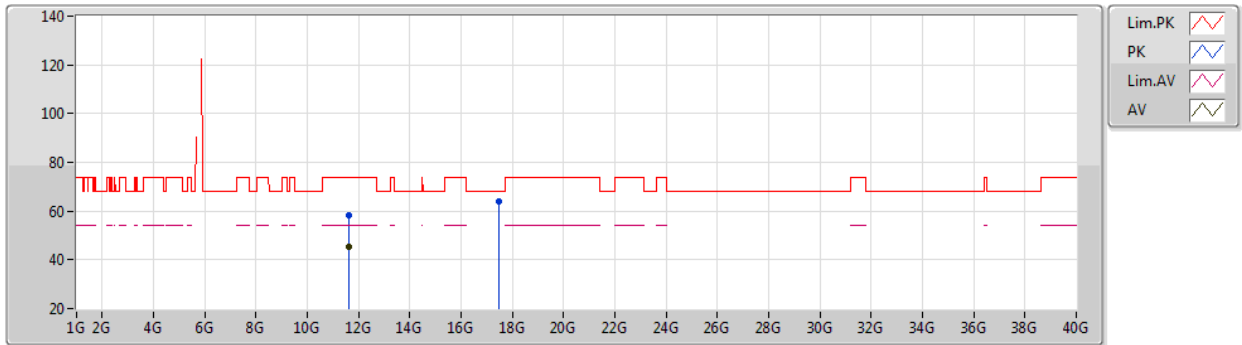
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.601G	59.84	68.20	-8.36	51.11	3	Horizontal	273	1.80	-	33.90	6.30	31.47
PK	5.824G	104.76	Inf	-Inf	95.96	3	Horizontal	273	1.80	-	33.87	6.39	31.46
AV	5.819G	94.83	Inf	-Inf	86.04	3	Horizontal	273	1.80	-	33.86	6.39	31.46
PK	5.971G	60.47	68.20	-7.73	51.44	3	Horizontal	273	1.80	-	34.17	6.31	31.45

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5825MHz_TX



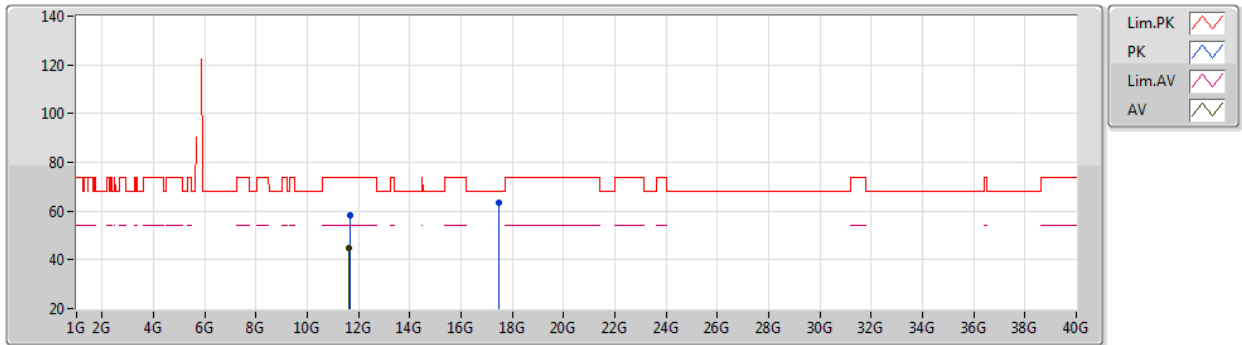
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Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64694G	58.03	74.00	-15.97	42.99	3	Vertical	273	1.80	-	39.02	8.90	32.88
AV	11.64616G	45.19	54.00	-8.81	30.15	3	Vertical	273	1.80	-	39.02	8.90	32.88
PK	17.47822G	63.99	68.20	-4.21	42.93	3	Vertical	188	2.98	-	43.78	10.29	33.01

802.11a_Nss1,(6Mbps)_2TX

04/10/2020

5825MHz_TX



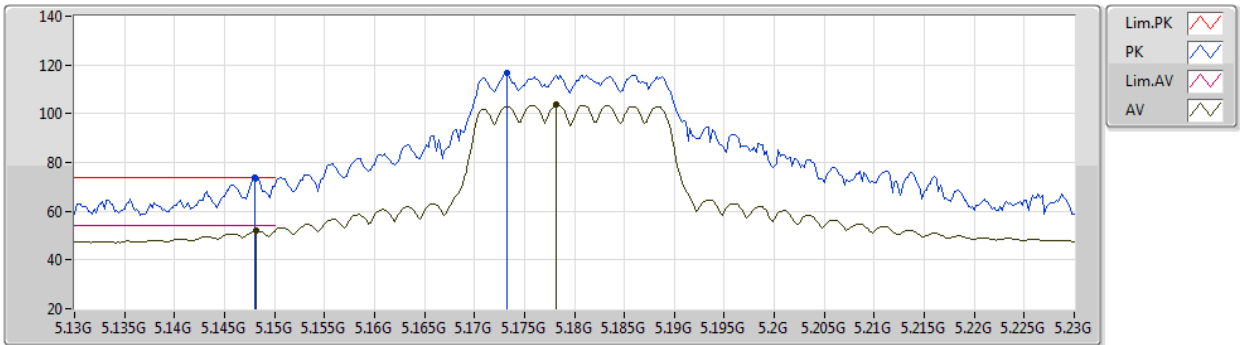
EUT Y_2TX
Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.6484G	58.51	74.00	-15.49	43.47	3	Horizontal	200	1.73	-	39.02	8.90	32.88
AV	11.64628G	45.01	54.00	-8.99	29.97	3	Horizontal	200	1.73	-	39.02	8.90	32.88
PK	17.47512G	63.67	68.20	-4.53	42.62	3	Horizontal	1	1.53	-	43.77	10.29	33.01

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5180MHz_TX



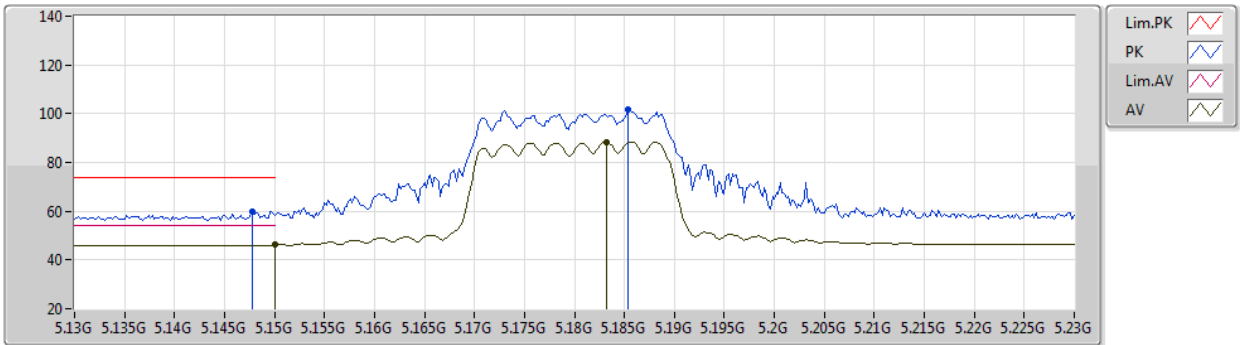
EUT Y_2TX
Setting 63
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.148G	73.77	74.00	-0.23	66.08	3	Vertical	8	1.99	-	33.45	5.97	31.73
AV	5.1482G	51.91	54.00	-2.09	44.22	3	Vertical	8	1.99	-	33.45	5.97	31.73
PK	5.1732G	116.86	Inf	-Inf	109.11	3	Vertical	8	1.99	-	33.47	5.99	31.71
AV	5.1782G	103.66	Inf	-Inf	95.90	3	Vertical	8	1.99	-	33.48	5.99	31.71

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5180MHz_TX



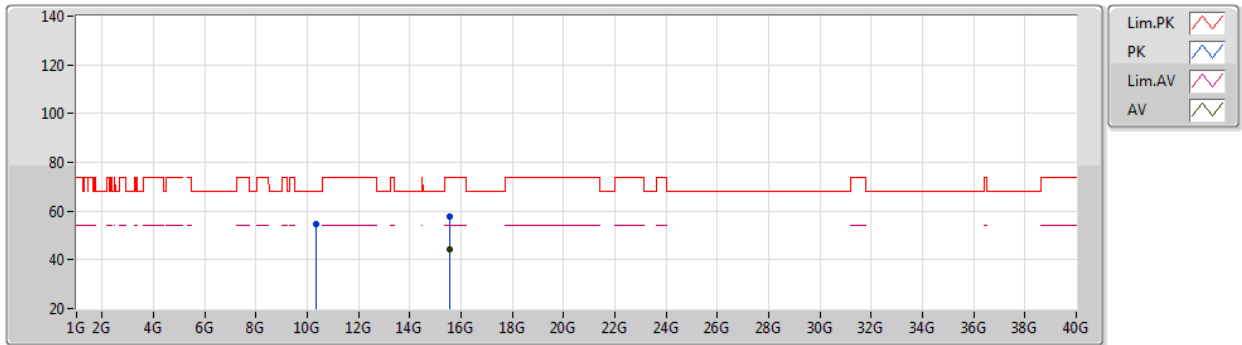
EUT Y_2TX
Setting 63
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1478G	59.73	74.00	-14.27	52.04	3	Horizontal	69	1.19	-	33.45	5.97	31.73
AV	5.15G	46.16	54.00	-7.84	38.47	3	Horizontal	69	1.19	-	33.45	5.97	31.73
PK	5.1854G	101.49	Inf	-Inf	93.71	3	Horizontal	69	1.19	-	33.49	5.99	31.70
AV	5.1832G	88.42	Inf	-Inf	80.65	3	Horizontal	69	1.19	-	33.48	5.99	31.70

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5180MHz_TX



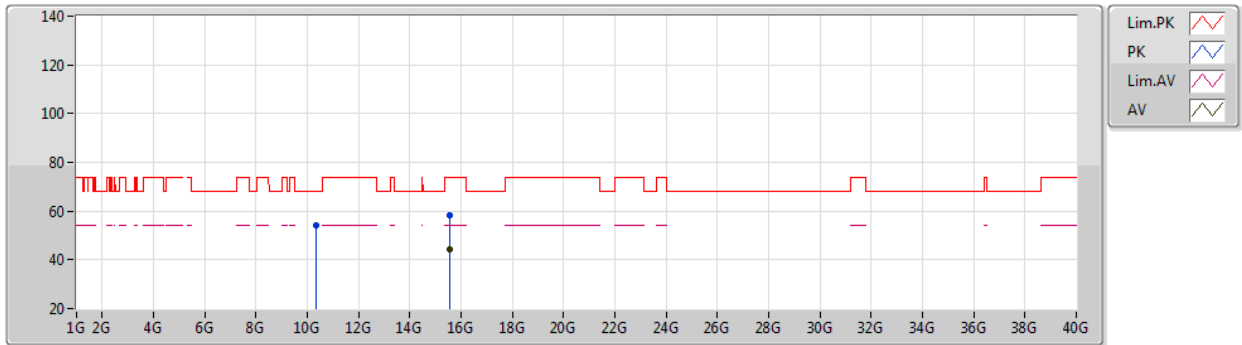
EUT Y_2TX
Setting 63
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.3562G	54.78	68.20	-13.42	39.96	3	Vertical	283	2.88	-	38.89	8.51	32.58
PK	15.54268G	57.92	74.00	-16.08	42.80	3	Vertical	26	2.61	-	38.73	9.25	32.86
AV	15.5424G	44.20	54.00	-9.80	29.08	3	Vertical	26	2.61	-	38.73	9.25	32.86

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5180MHz_TX



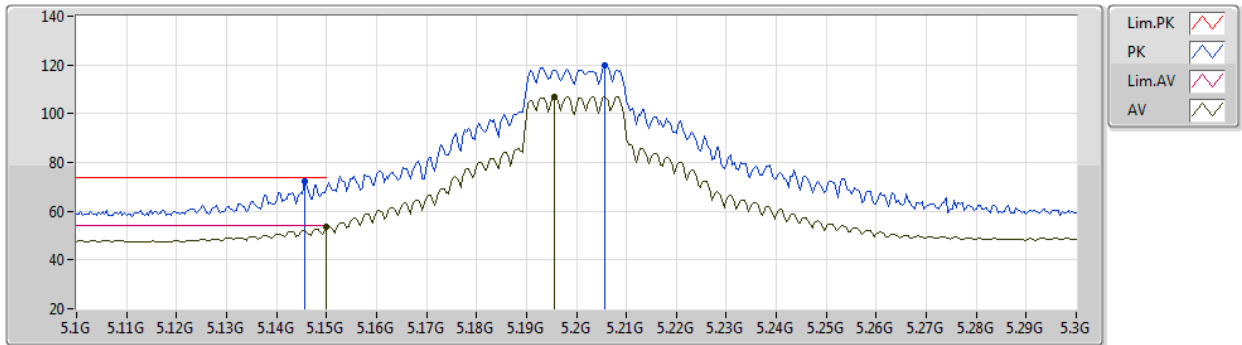
EUT Y_2TX
Setting 63
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36472G	54.05	68.20	-14.15	39.24	3	Horizontal	223	1.02	-	38.88	8.51	32.58
PK	15.53918G	58.28	74.00	-15.72	43.15	3	Horizontal	69	2.33	-	38.74	9.25	32.86
AV	15.5385G	44.12	54.00	-9.88	28.99	3	Horizontal	69	2.33	-	38.74	9.25	32.86

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5200MHz_TX



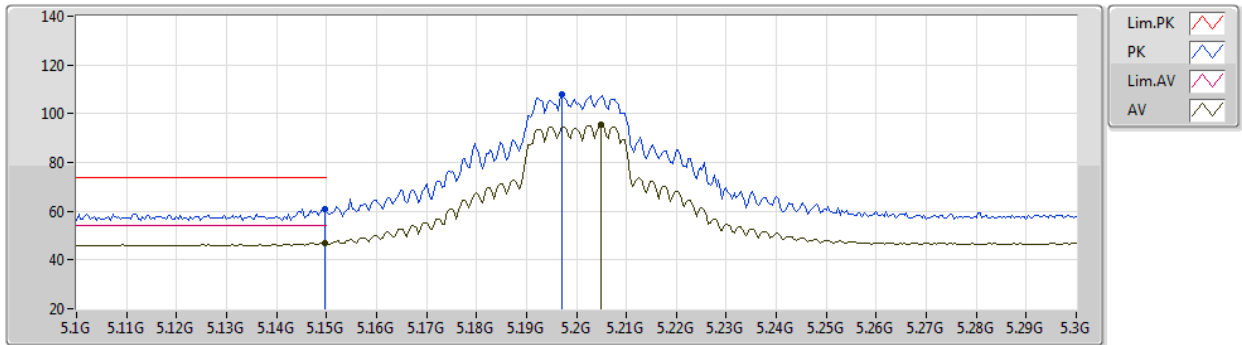
EUT Y_2TX
Setting 79
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.1456G	72.38	74.00	-1.62	64.69	3	Vertical	15	1.76	-	33.45	5.97	31.73	
AV	5.15G	53.61	54.00	-0.39	45.92	3	Vertical	15	1.76	-	33.45	5.97	31.73	
PK	5.2056G	119.66	Inf	-Inf	111.84	3	Vertical	15	1.76	-	33.51	6.00	31.69	
AV	5.1956G	106.92	Inf	-Inf	99.11	3	Vertical	15	1.76	-	33.50	6.00	31.69	

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5200MHz_TX



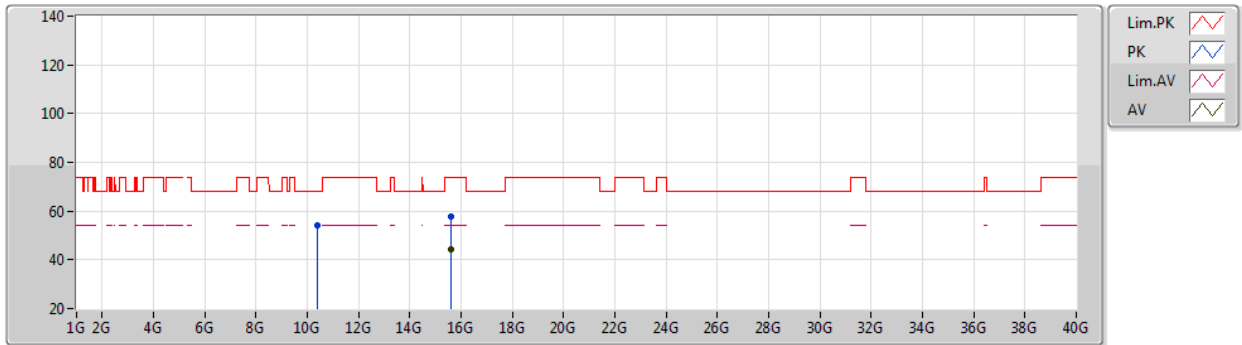
EUT Y_2TX
Setting 79
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	60.71	74.00	-13.29	53.02	3	Horizontal	0	1.18	-	33.45	5.97	31.73
AV	5.1496G	47.12	54.00	-6.88	39.43	3	Horizontal	0	1.18	-	33.45	5.97	31.73
PK	5.1972G	107.82	Inf	-Inf	100.01	3	Horizontal	0	1.18	-	33.50	6.00	31.69
AV	5.2048G	95.38	Inf	-Inf	87.56	3	Horizontal	0	1.18	-	33.51	6.00	31.69

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5200MHz_TX



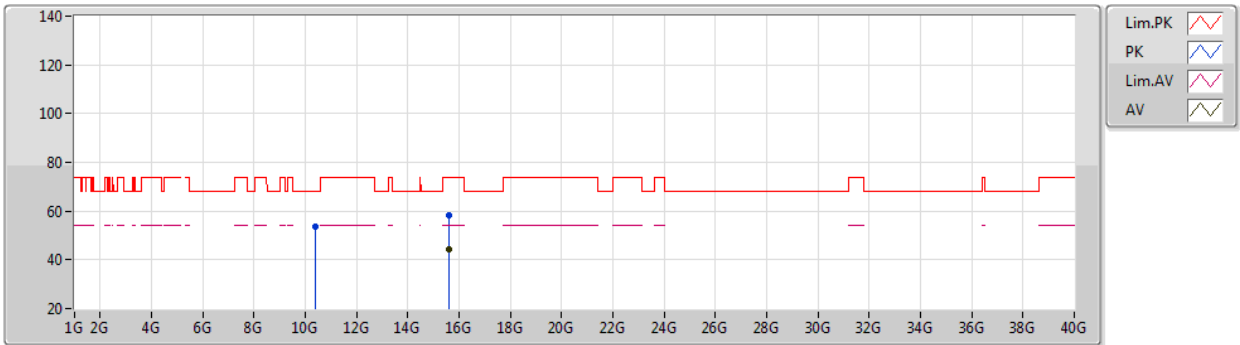
EUT Y_2TX
Setting 79
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39822G	54.06	68.20	-14.14	39.27	3	Vertical	320	1.12	-	38.86	8.52	32.59
PK	15.6041G	57.81	74.00	-16.19	42.85	3	Vertical	109	2.92	-	38.55	9.27	32.86
AV	15.59792G	44.24	54.00	-9.76	29.26	3	Vertical	109	2.92	-	38.57	9.27	32.86

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5200MHz_TX



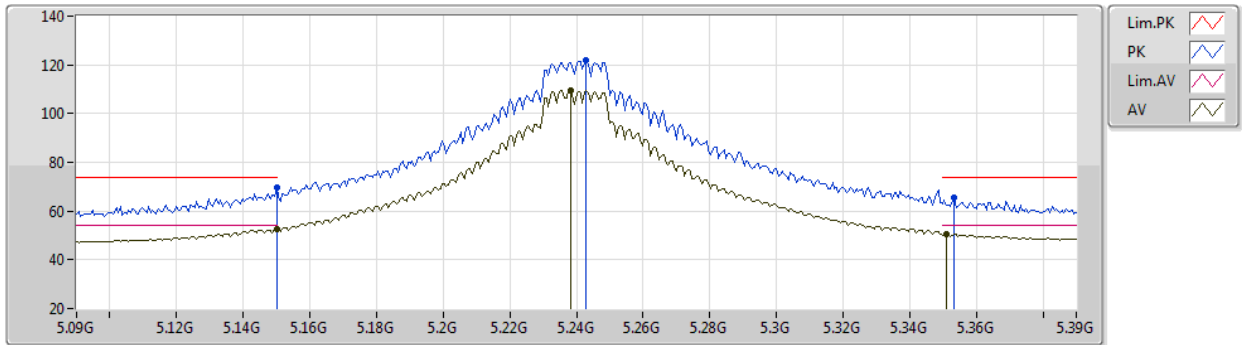
EUT Y_2TX
Setting 79
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.40172G	53.68	68.20	-14.52	38.89	3	Horizontal	147	1.17	-	38.86	8.52	32.59
PK	15.5983G	58.15	74.00	-15.85	43.18	3	Horizontal	321	1.90	-	38.56	9.27	32.86
AV	15.596G	44.25	54.00	-9.75	29.27	3	Horizontal	321	1.90	-	38.57	9.27	32.86

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5240MHz_TX



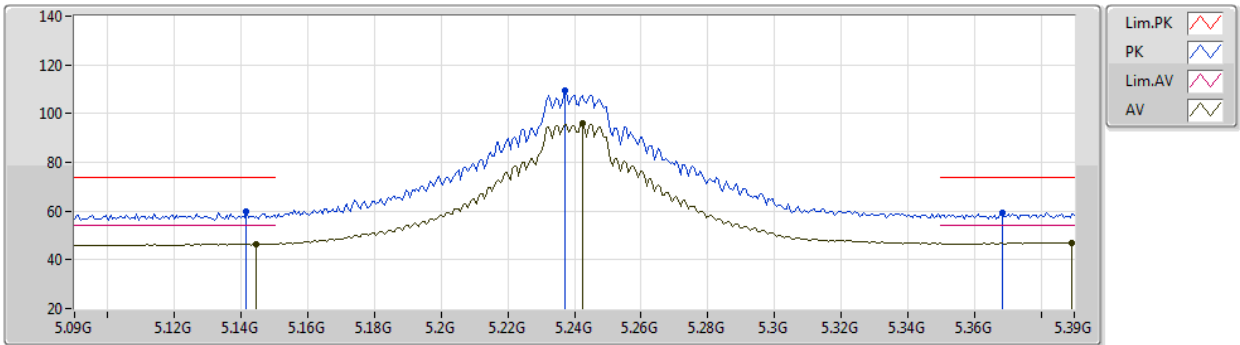
EUT Y_2TX
Setting 89
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	69.75	74.00	-4.25	62.06	3	Vertical	340	1.72	-	33.45	5.97	31.73
AV	5.15G	52.69	54.00	-1.31	45.00	3	Vertical	340	1.72	-	33.45	5.97	31.73
PK	5.243G	121.93	Inf	-Inf	113.98	3	Vertical	340	1.72	-	33.59	6.02	31.66
AV	5.2382G	109.60	Inf	-Inf	101.66	3	Vertical	340	1.72	-	33.58	6.02	31.66
PK	5.3534G	65.33	74.00	-8.67	57.08	3	Vertical	340	1.72	-	33.75	6.08	31.58
AV	5.351G	50.67	54.00	-3.33	42.42	3	Vertical	340	1.72	-	33.75	6.08	31.58

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5240MHz_TX



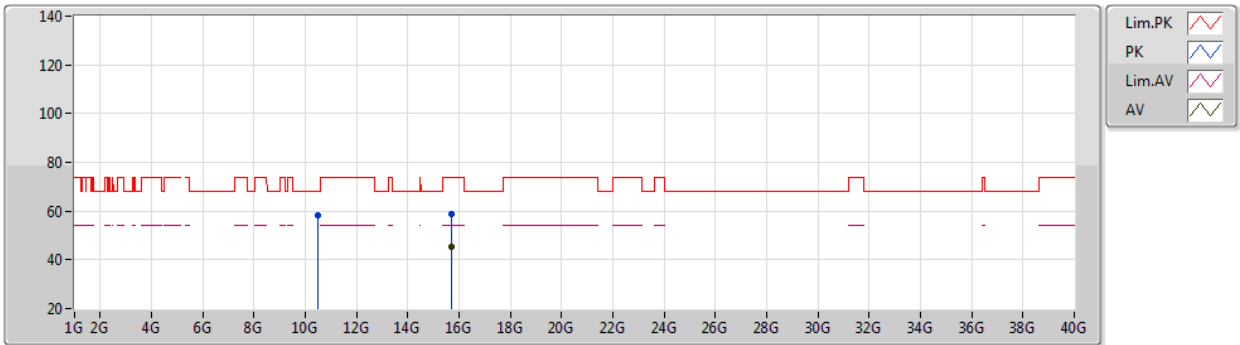
EUT Y_2TX
Setting 89
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1416G	59.71	74.00	-14.29	52.03	3	Horizontal	360	1.56	-	33.44	5.97	31.73
AV	5.1446G	46.53	54.00	-7.47	38.85	3	Horizontal	360	1.56	-	33.44	5.97	31.73
PK	5.237G	109.37	Inf	-Inf	101.44	3	Horizontal	360	1.56	-	33.57	6.02	31.66
AV	5.2424G	95.79	Inf	-Inf	87.85	3	Horizontal	360	1.56	-	33.58	6.02	31.66
PK	5.3684G	59.11	74.00	-14.89	50.83	3	Horizontal	360	1.56	-	33.77	6.08	31.57
AV	5.3894G	46.90	54.00	-7.10	38.58	3	Horizontal	360	1.56	-	33.79	6.09	31.56

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5240MHz_TX



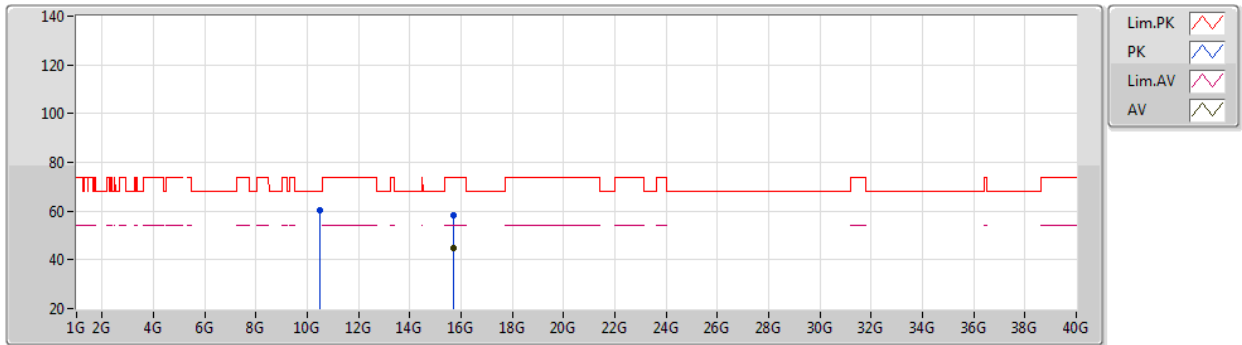
EUT Y_2TX
Setting 89
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4826G	58.22	68.20	-9.98	43.48	3	Vertical	173	2.17	-	38.81	8.55	32.62
PK	15.71842G	59.02	74.00	-14.98	44.36	3	Vertical	2	2.63	-	38.22	9.31	32.87
AV	15.7185G	45.41	54.00	-8.59	30.75	3	Vertical	2	2.63	-	38.22	9.31	32.87

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5240MHz_TX



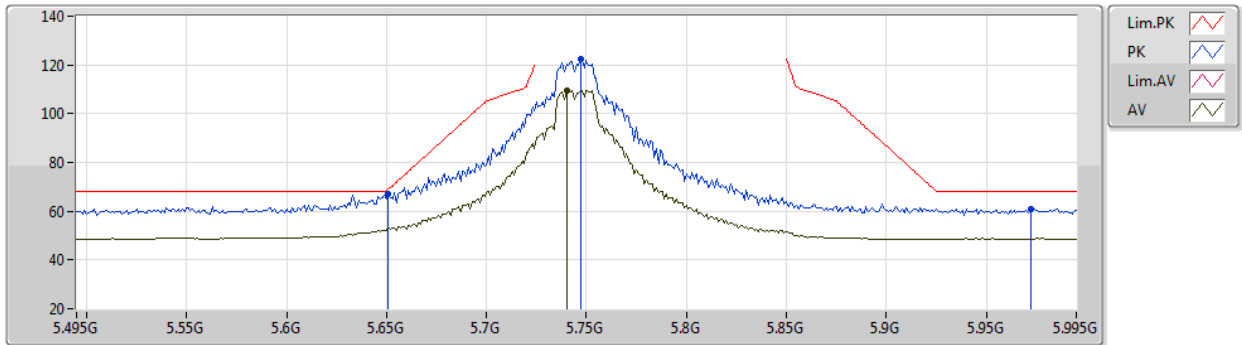
EUT Y_2TX
Setting 89
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4796G	60.42	68.20	-7.78	45.67	3	Horizontal	110	2.14	-	38.81	8.55	32.61
PK	15.7224G	58.18	74.00	-15.82	43.53	3	Horizontal	39	1.39	-	38.21	9.31	32.87
AV	15.71968G	44.98	54.00	-9.02	30.33	3	Horizontal	39	1.39	-	38.21	9.31	32.87

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5745MHz_TX



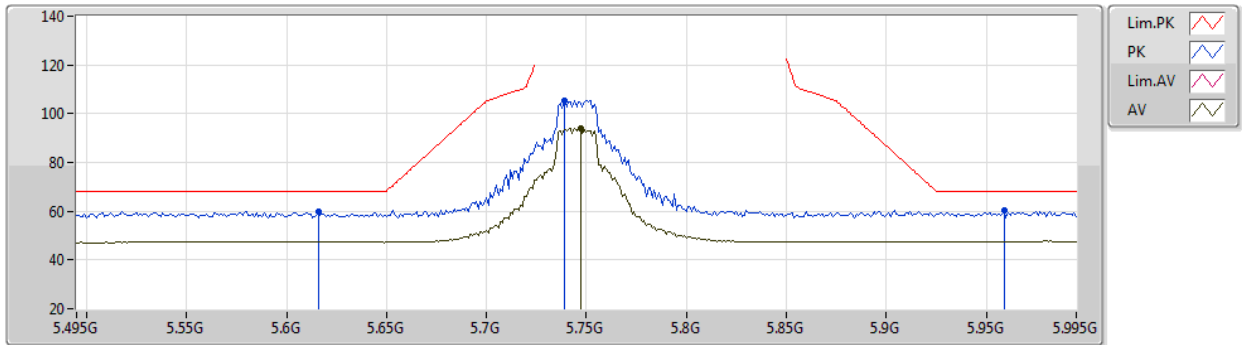
EUT Y_2TX
Setting 87
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.651G	67.32	68.94	-1.62	58.60	3	Vertical	342	1.49	-	33.85	6.33	31.46
PK	5.747G	122.28	Inf	-Inf	113.57	3	Vertical	342	1.49	-	33.80	6.37	31.46
AV	5.74G	109.72	Inf	-Inf	101.01	3	Vertical	342	1.49	-	33.80	6.37	31.46
PK	5.972G	61.01	68.20	-7.19	51.98	3	Vertical	342	1.49	-	34.17	6.31	31.45

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5745MHz_TX



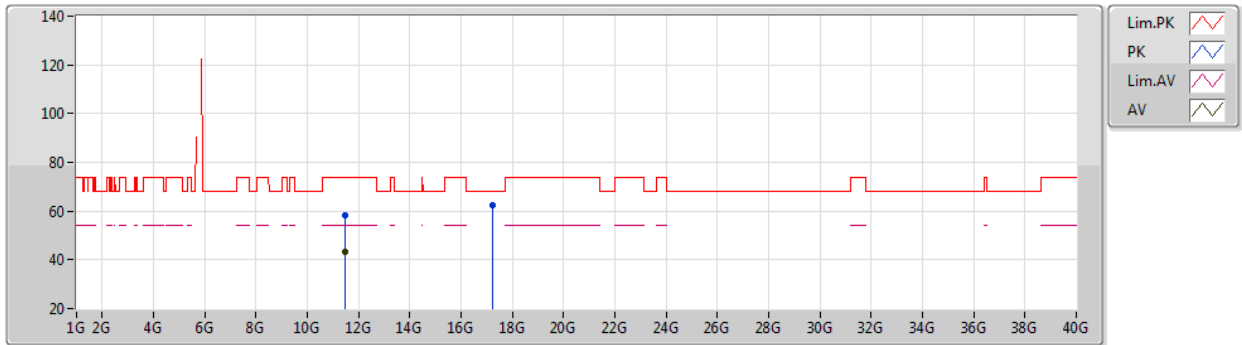
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Setting 87
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.616G	59.93	68.20	-8.27	51.21	3	Horizontal	264	2.00	-	33.88	6.31	31.47
PK	5.739G	105.19	Inf	-Inf	96.48	3	Horizontal	264	2.00	-	33.80	6.37	31.46
AV	5.747G	94.05	Inf	-Inf	85.34	3	Horizontal	264	2.00	-	33.80	6.37	31.46
PK	5.959G	60.32	68.20	-7.88	51.29	3	Horizontal	264	2.00	-	34.16	6.32	31.45

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5745MHz_TX



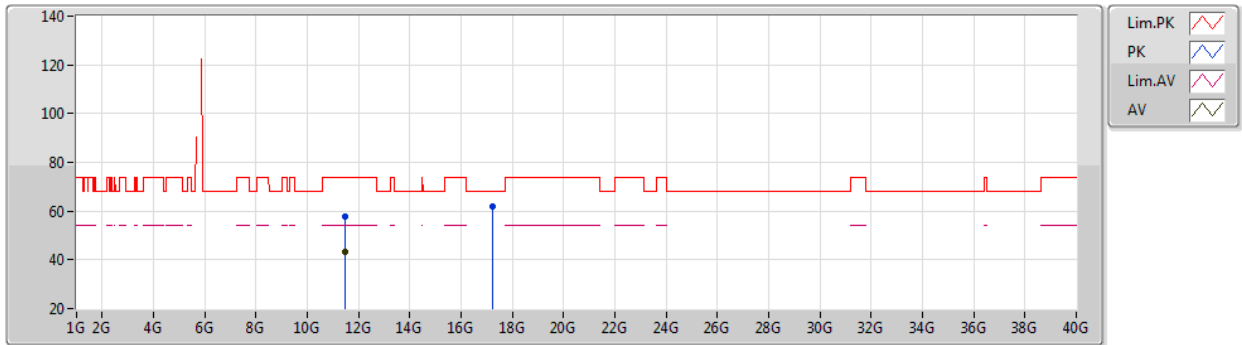
EUT Y_2TX
Setting 87
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48868G	58.32	74.00	-15.68	43.43	3	Vertical	202	1.00	-	38.89	8.85	32.85
AV	11.49116G	43.49	54.00	-10.51	28.60	3	Vertical	202	1.00	-	38.89	8.85	32.85
PK	17.23372G	62.59	68.20	-5.61	42.96	3	Vertical	200	1.75	-	42.46	10.15	32.98

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5745MHz_TX



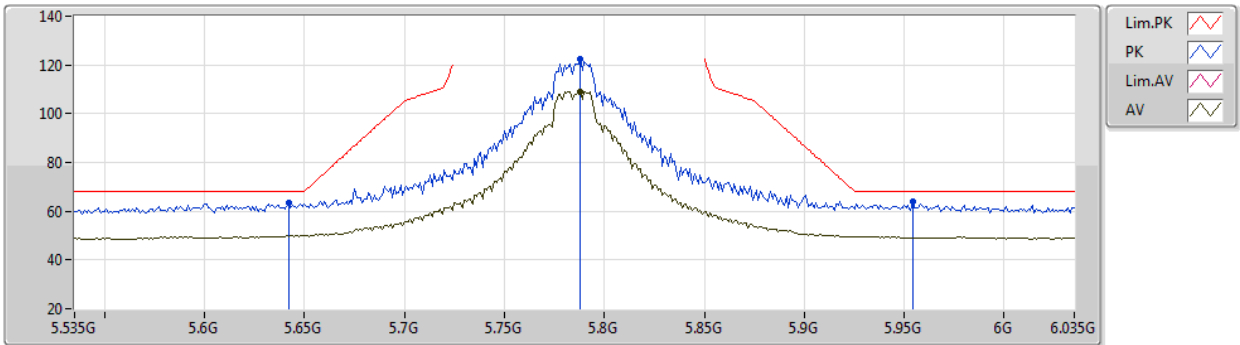
EUT Y_2TX
Setting 87
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48666G	57.62	74.00	-16.38	42.73	3	Horizontal	270	1.20	-	38.89	8.85	32.85
AV	11.48852G	43.48	54.00	-10.52	28.59	3	Horizontal	270	1.20	-	38.89	8.85	32.85
PK	17.23212G	61.84	68.20	-6.36	42.22	3	Horizontal	226	1.48	-	42.45	10.15	32.98

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5785MHz_TX



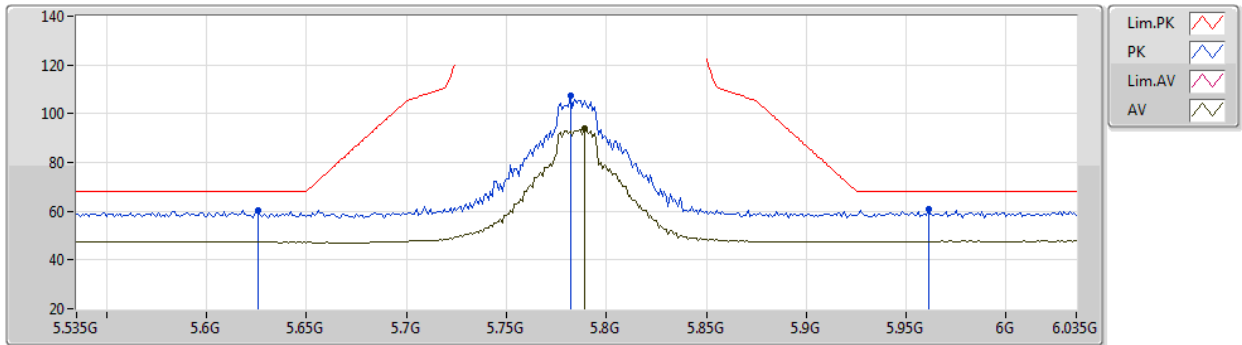
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.642G	63.61	68.20	-4.59	54.90	3	Vertical	339	1.72	-	33.86	6.32	31.47
PK	5.788G	122.25	Inf	-Inf	113.52	3	Vertical	339	1.72	-	33.80	6.39	31.46
AV	5.788G	109.14	Inf	-Inf	100.41	3	Vertical	339	1.72	-	33.80	6.39	31.46
PK	5.954G	63.71	68.20	-4.49	54.69	3	Vertical	339	1.72	-	34.15	6.32	31.45

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5785MHz_TX



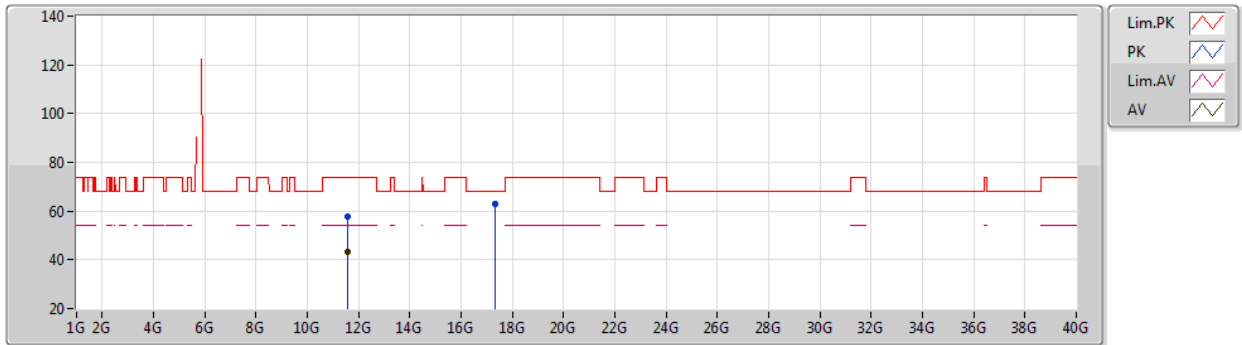
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.626G	60.17	68.20	-8.03	51.46	3	Horizontal	266	1.88	-	33.87	6.31	31.47
PK	5.782G	107.25	Inf	-Inf	98.52	3	Horizontal	266	1.88	-	33.80	6.39	31.46
AV	5.789G	93.79	Inf	-Inf	85.06	3	Horizontal	266	1.88	-	33.80	6.39	31.46
PK	5.961G	60.79	68.20	-7.41	51.76	3	Horizontal	266	1.88	-	34.16	6.32	31.45

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5785MHz_TX



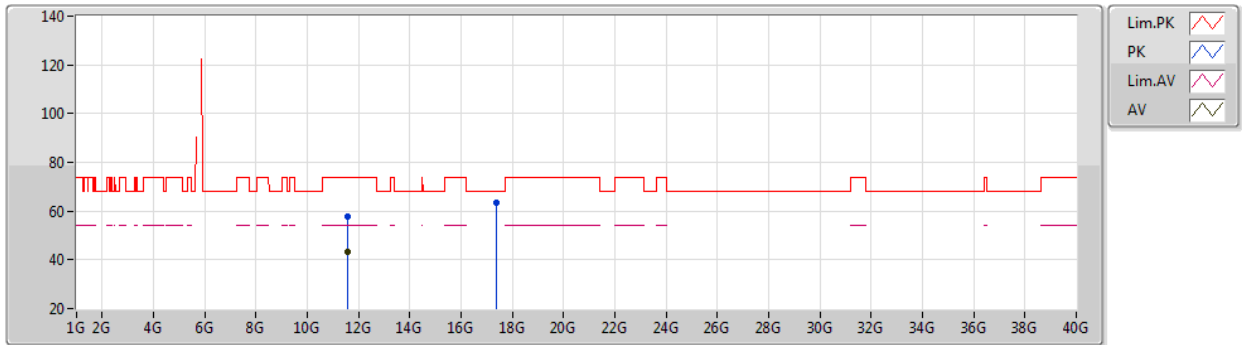
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Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56944G	57.52	74.00	-16.48	42.54	3	Vertical	243	2.66	-	38.96	8.88	32.86
AV	11.56894G	43.47	54.00	-10.53	28.50	3	Vertical	243	2.66	-	38.96	8.87	32.86
PK	17.3516G	63.04	68.20	-5.16	42.72	3	Vertical	283	2.12	-	43.10	10.22	33.00

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5785MHz_TX



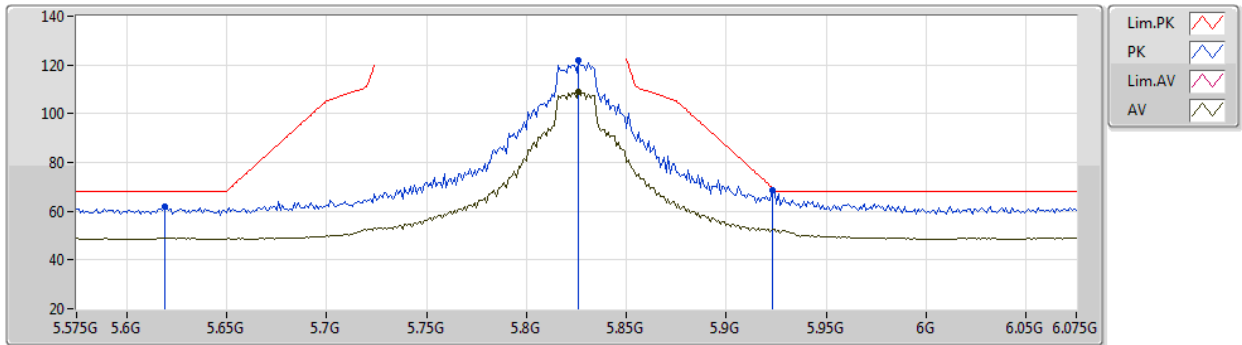
EUT Y_2TX
Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.56886G	57.59	74.00	-16.41	42.62	3	Horizontal	82	1.99	-	38.96	8.87	32.86
AV	11.5676G	43.09	54.00	-10.91	28.13	3	Horizontal	82	1.99	-	38.95	8.87	32.86
PK	17.35376G	63.26	68.20	-4.94	42.93	3	Horizontal	231	2.96	-	43.11	10.22	33.00

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5825MHz_TX



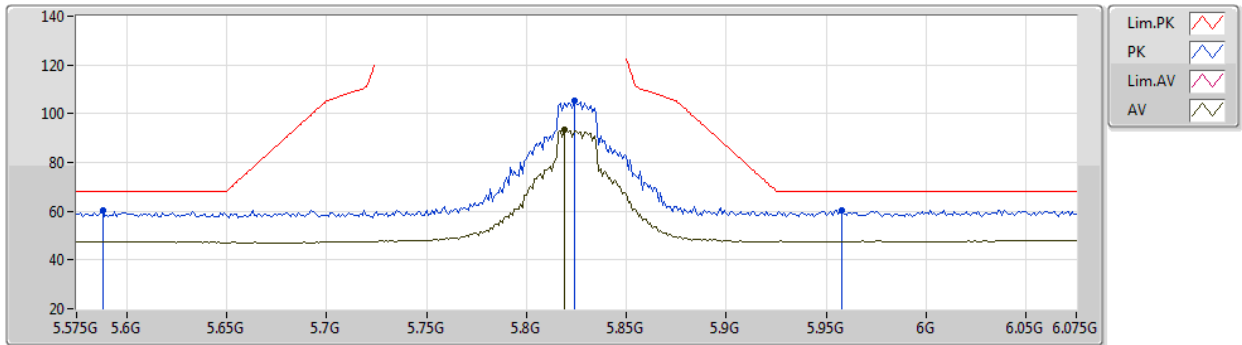
EUT Y_2TX
Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.619G	62.12	68.20	-6.08	53.40	3	Vertical	358	1.80	-	33.88	6.31	31.47
PK	5.826G	122.14	Inf	-Inf	113.33	3	Vertical	358	1.80	-	33.88	6.39	31.46
AV	5.826G	108.79	Inf	-Inf	99.98	3	Vertical	358	1.80	-	33.88	6.39	31.46
PK	5.923G	68.70	69.68	-0.98	59.69	3	Vertical	358	1.80	-	34.12	6.34	31.45

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5825MHz_TX



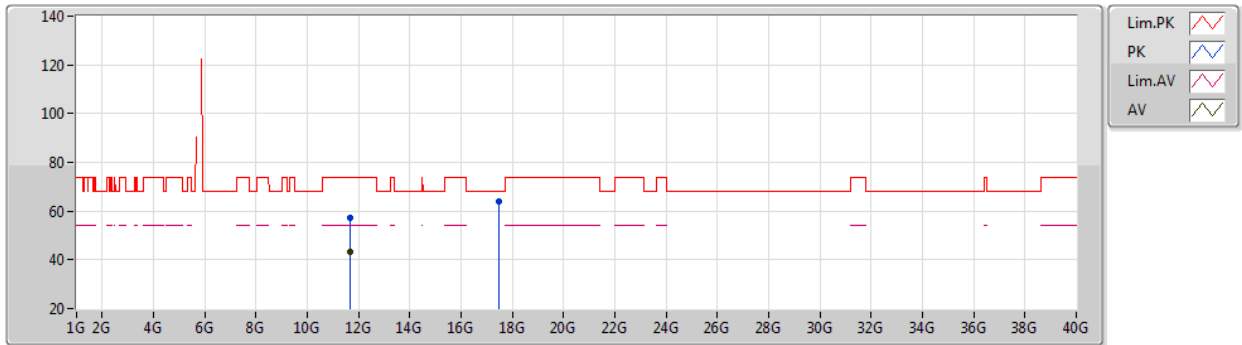
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Setting 88
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.588G	60.59	68.20	-7.61	51.87	3	Horizontal	266	1.88	-	33.90	6.29	31.47
PK	5.824G	105.13	Inf	-Inf	96.33	3	Horizontal	266	1.88	-	33.87	6.39	31.46
AV	5.819G	93.41	Inf	-Inf	84.62	3	Horizontal	266	1.88	-	33.86	6.39	31.46
PK	5.958G	60.45	68.20	-7.75	51.42	3	Horizontal	266	1.88	-	34.16	6.32	31.45

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5825MHz_TX



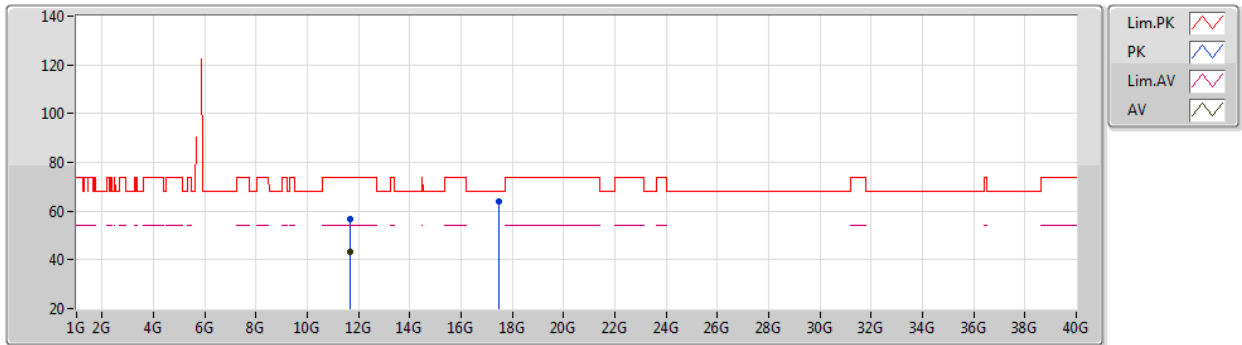
EUT Y_2TX
Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65472G	57.00	74.00	-17.00	41.96	3	Vertical	0	2.49	-	39.02	8.90	32.88
AV	11.64918G	43.24	54.00	-10.76	28.20	3	Vertical	0	2.49	-	39.02	8.90	32.88
PK	17.47206G	63.78	68.20	-4.42	42.75	3	Vertical	184	1.92	-	43.75	10.29	33.01

802.11ax HEW20_Nss1,(MCS0)_2TX

04/10/2020

5825MHz_TX



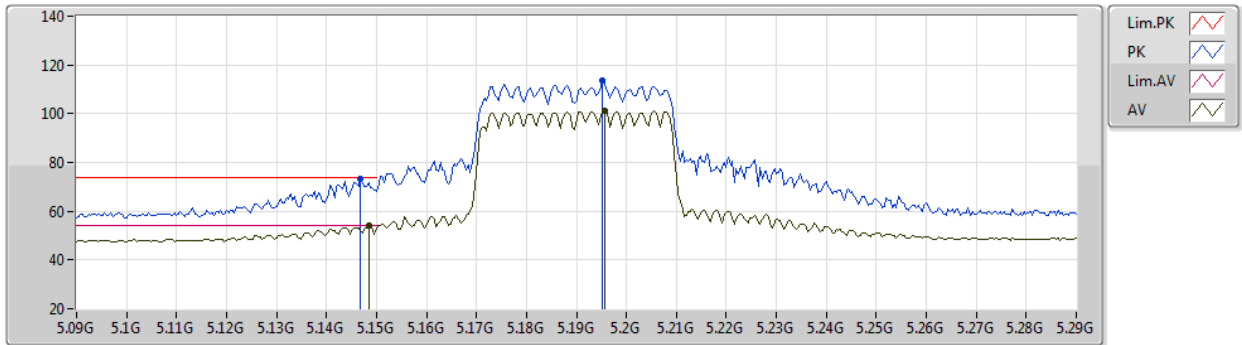
EUT Y_2TX
Setting 88
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.65164G	56.94	74.00	-17.06	41.90	3	Horizontal	357	2.25	-	39.02	8.90	32.88
AV	11.6491G	43.19	54.00	-10.81	28.15	3	Horizontal	357	2.25	-	39.02	8.90	32.88
PK	17.47G	63.74	68.20	-4.46	42.72	3	Horizontal	143	2.12	-	43.74	10.29	33.01

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5190MHz_TX



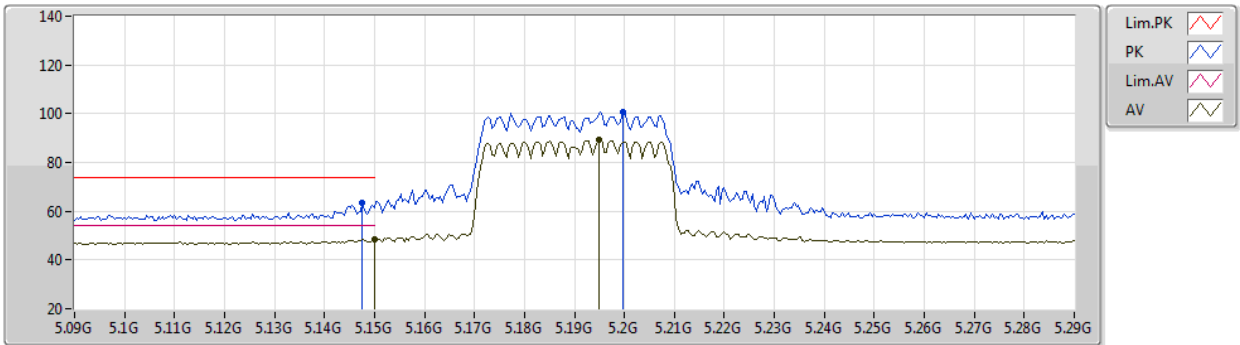
EUT Y_2TX
Setting 61
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1468G	73.53	74.00	-0.47	65.84	3	Vertical	19	1.75	-	33.45	5.97	31.73
AV	5.1484G	53.94	54.00	-0.06	46.25	3	Vertical	19	1.75	-	33.45	5.97	31.73
PK	5.1952G	113.56	Inf	-Inf	105.75	3	Vertical	19	1.75	-	33.50	6.00	31.69
AV	5.1956G	101.27	Inf	-Inf	93.46	3	Vertical	19	1.75	-	33.50	6.00	31.69

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5190MHz_TX



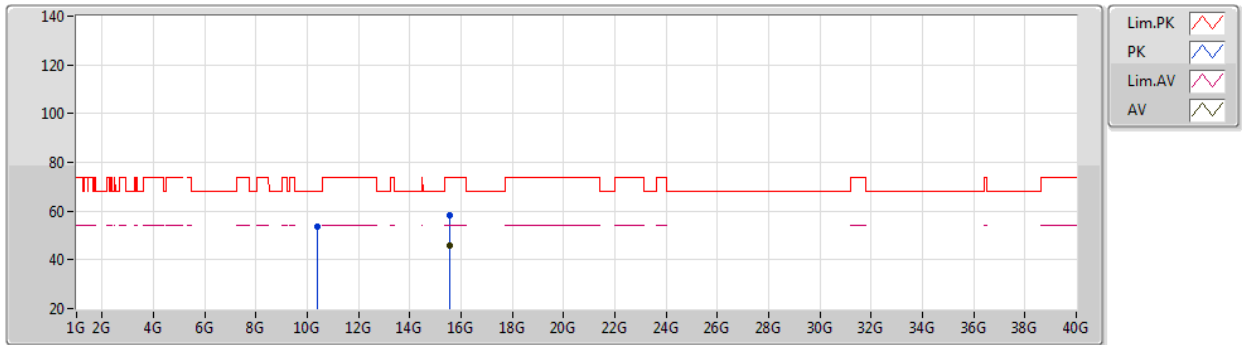
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Setting 61
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.1476G	63.21	74.00	-10.79	55.52	3	Horizontal	0	1.29	-	33.45	5.97	31.73	
AV	5.15G	48.51	54.00	-5.49	40.82	3	Horizontal	0	1.29	-	33.45	5.97	31.73	
PK	5.1996G	100.77	Inf	-Inf	92.96	3	Horizontal	0	1.29	-	33.50	6.00	31.69	
AV	5.1948G	89.13	Inf	-Inf	81.33	3	Horizontal	0	1.29	-	33.49	6.00	31.69	

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5190MHz_TX



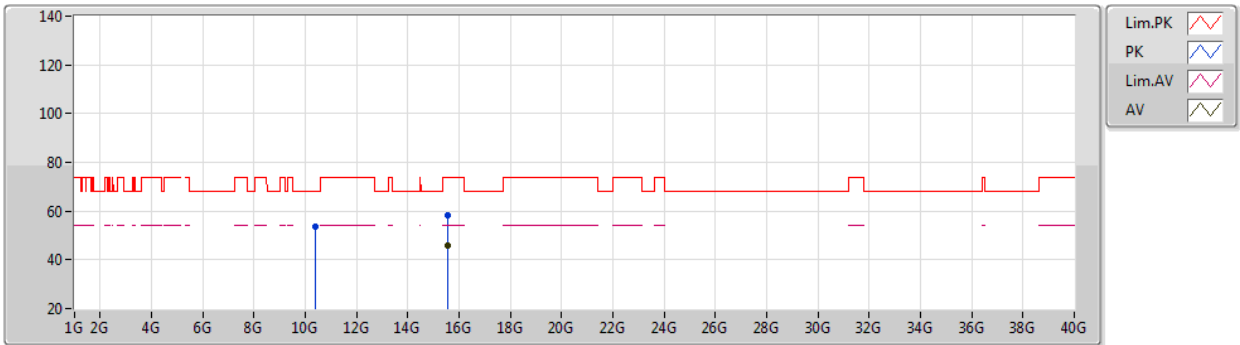
EUT Y_2TX
Setting 61
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37856G	53.71	68.20	-14.49	38.91	3	Vertical	93	1.15	-	38.87	8.52	32.59
PK	15.56902G	58.51	74.00	-15.49	43.46	3	Vertical	225	2.29	-	38.65	9.26	32.86
AV	15.5698G	45.63	54.00	-8.37	30.58	3	Vertical	225	2.29	-	38.65	9.26	32.86

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5190MHz_TX



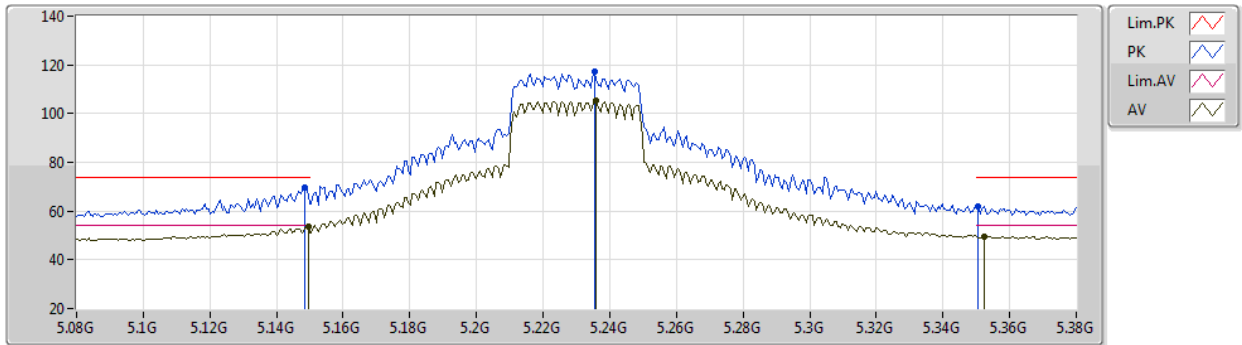
EUT Y_2TX
Setting 61
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.37586G	53.85	68.20	-14.35	39.05	3	Horizontal	336	1.15	-	38.87	8.52	32.59
PK	15.5738G	58.05	74.00	-15.95	43.01	3	Horizontal	169	1.94	-	38.64	9.26	32.86
AV	15.57364G	45.90	54.00	-8.10	30.86	3	Horizontal	169	1.94	-	38.64	9.26	32.86

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5230MHz_TX



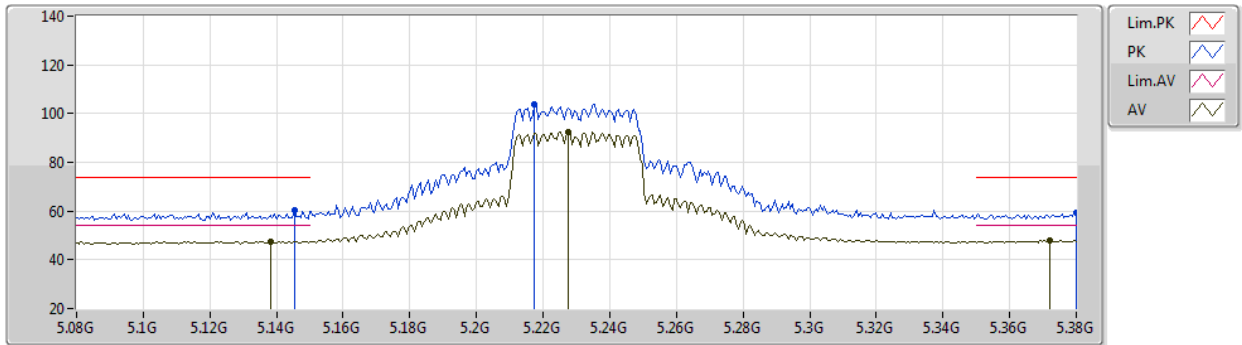
EUT Y_2TX
Setting 74
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1484G	69.91	74.00	-4.09	62.22	3	Vertical	13	1.85	-	33.45	5.97	31.73
AV	5.1496G	53.77	54.00	-0.23	46.08	3	Vertical	13	1.85	-	33.45	5.97	31.73
PK	5.2354G	117.04	Inf	-Inf	109.12	3	Vertical	13	1.85	-	33.57	6.02	31.67
AV	5.236G	105.16	Inf	-Inf	97.23	3	Vertical	13	1.85	-	33.57	6.02	31.66
PK	5.3506G	62.14	74.00	-11.86	53.89	3	Vertical	13	1.85	-	33.75	6.08	31.58
AV	5.3524G	49.50	54.00	-4.50	41.25	3	Vertical	13	1.85	-	33.75	6.08	31.58

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5230MHz_TX



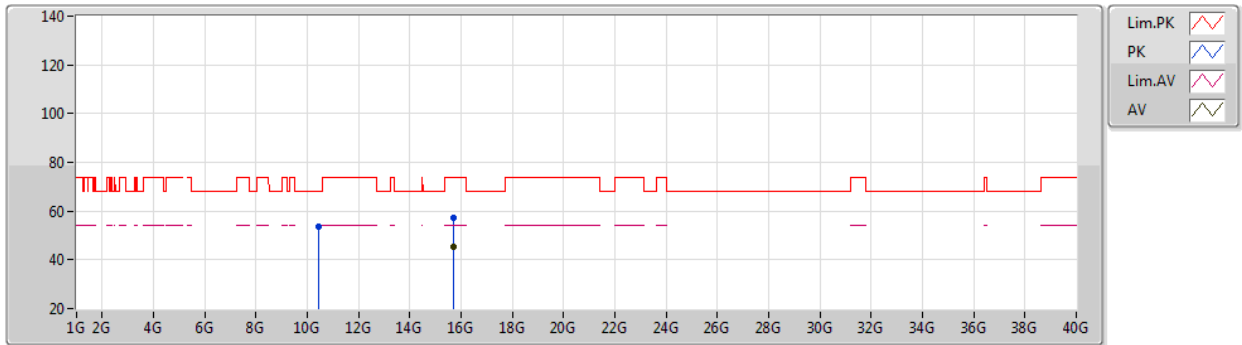
EUT Y_2TX
Setting 74
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1454G	60.26	74.00	-13.74	52.57	3	Horizontal	360	1.37	-	33.45	5.97	31.73
AV	5.1382G	47.53	54.00	-6.47	39.85	3	Horizontal	360	1.37	-	33.44	5.97	31.73
PK	5.2174G	103.84	Inf	-Inf	95.98	3	Horizontal	360	1.37	-	33.53	6.01	31.68
AV	5.2276G	92.64	Inf	-Inf	84.74	3	Horizontal	360	1.37	-	33.56	6.01	31.67
PK	5.38G	59.09	74.00	-14.91	50.78	3	Horizontal	360	1.37	-	33.78	6.09	31.56
AV	5.3722G	47.95	54.00	-6.05	39.66	3	Horizontal	360	1.37	-	33.77	6.09	31.57

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5230MHz_TX



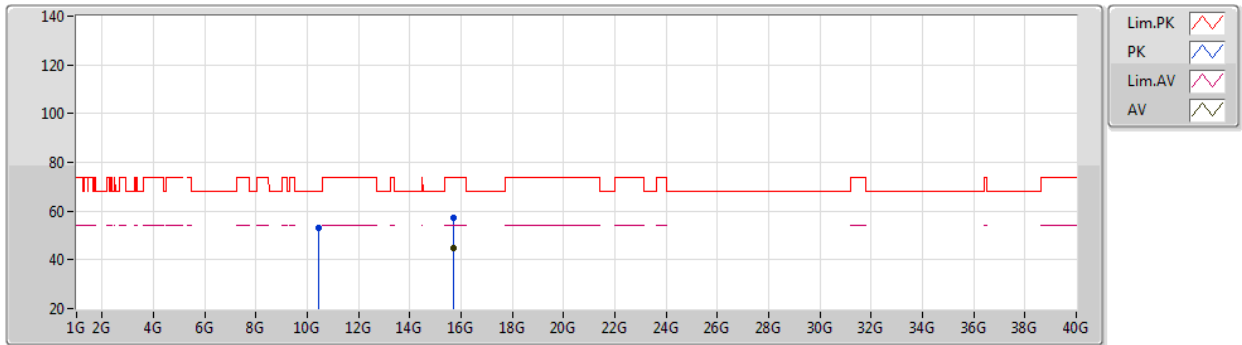
EUT Y_2TX
Setting 74
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.46266G	53.54	68.20	-14.66	38.79	3	Vertical	195	2.70	-	38.82	8.54	32.61
PK	15.69082G	57.32	74.00	-16.68	42.58	3	Vertical	165	1.13	-	38.30	9.30	32.86
AV	15.68836G	45.35	54.00	-8.65	30.61	3	Vertical	165	1.13	-	38.30	9.30	32.86

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5230MHz_TX



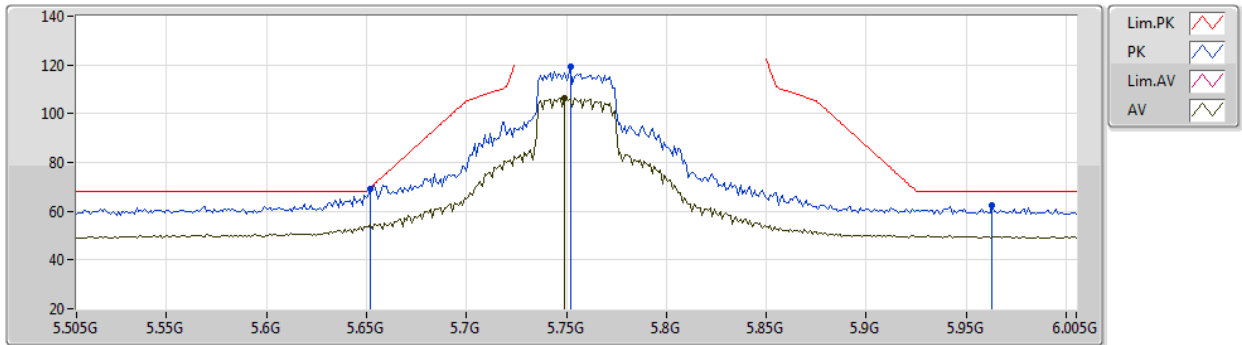
EUT Y_2TX
Setting 74
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.46274G	53.30	68.20	-14.90	38.55	3	Horizontal	18	1.20	-	38.82	8.54	32.61
PK	15.6944G	57.20	74.00	-16.80	42.47	3	Horizontal	330	1.94	-	38.29	9.30	32.86
AV	15.68646G	44.99	54.00	-9.01	30.24	3	Horizontal	330	1.94	-	38.31	9.30	32.86

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5755MHz_TX



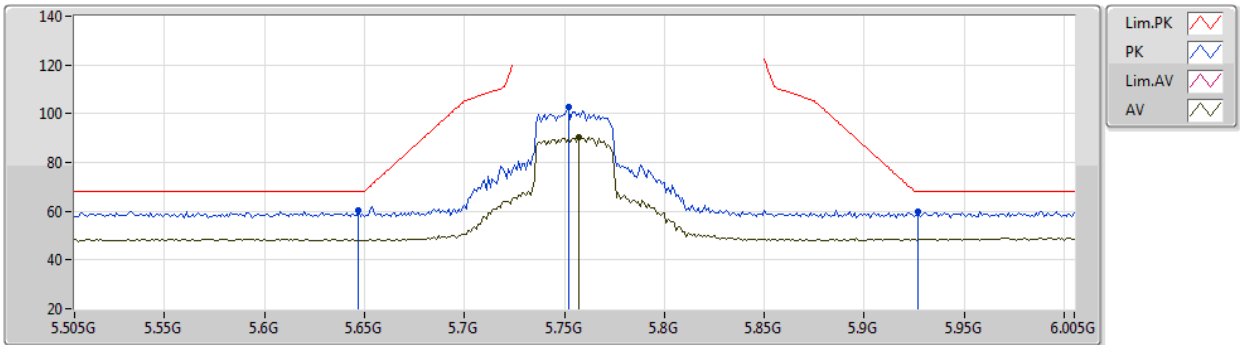
EUT Y_2TX
Setting 79
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.652G	69.20	69.68	-0.48	60.48	3	Vertical	352	1.76	-	33.85	6.33	31.46
PK	5.752G	119.47	Inf	-Inf	110.75	3	Vertical	352	1.76	-	33.80	6.38	31.46
AV	5.749G	106.48	Inf	-Inf	97.77	3	Vertical	352	1.76	-	33.80	6.37	31.46
PK	5.963G	62.23	68.20	-5.97	53.20	3	Vertical	352	1.76	-	34.16	6.32	31.45

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5755MHz_TX



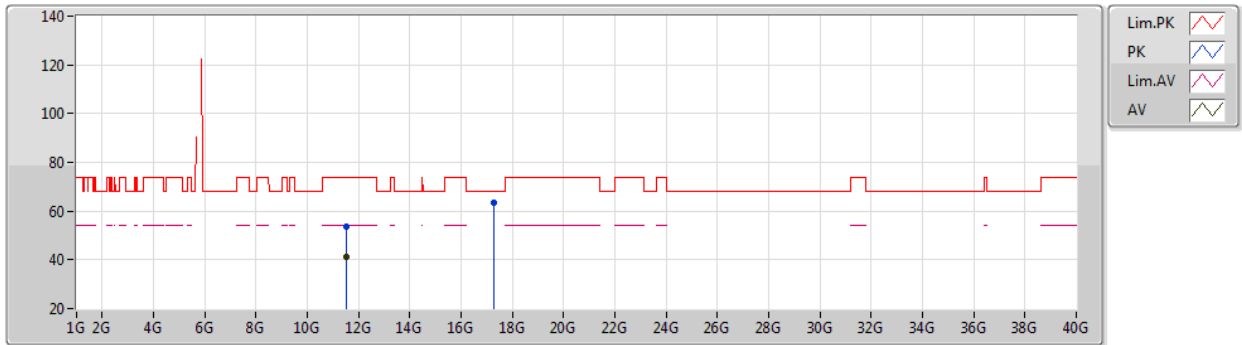
EUT Y_2TX
Setting 79
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	60.25	68.20	-7.95	51.55	3	Horizontal	272	1.80	-	33.85	6.32	31.47
PK	5.752G	102.89	Inf	-Inf	94.17	3	Horizontal	272	1.80	-	33.80	6.38	31.46
AV	5.757G	90.38	Inf	-Inf	81.66	3	Horizontal	272	1.80	-	33.80	6.38	31.46
PK	5.927G	59.99	68.20	-8.21	50.97	3	Horizontal	272	1.80	-	34.13	6.34	31.45

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5755MHz_TX



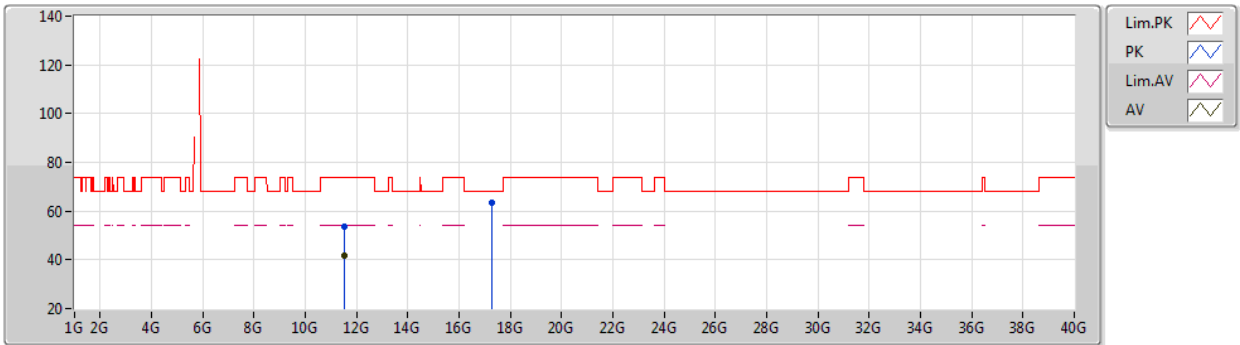
EUT Y_2TX
Setting 79
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.51154G	53.58	74.00	-20.42	38.66	3	Vertical	151	2.39	-	38.91	8.86	32.85
AV	11.50762G	41.31	54.00	-12.69	26.39	3	Vertical	151	2.39	-	38.91	8.86	32.85
PK	17.26018G	63.25	68.20	-4.95	43.48	3	Vertical	175	2.55	-	42.60	10.16	32.99

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5755MHz_TX



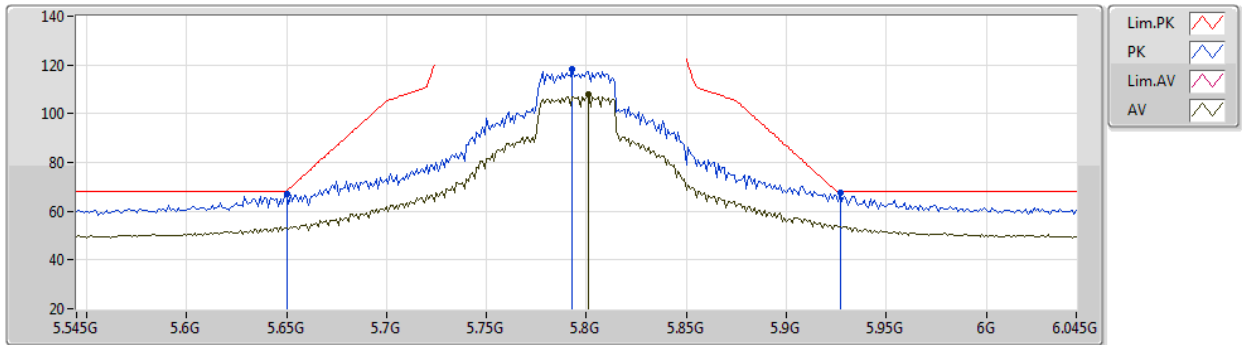
EUT Y_2TX
Setting 79
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.51408G	53.55	74.00	-20.45	38.63	3	Horizontal	251	1.28	-	38.91	8.86	32.85
AV	11.5086G	41.48	54.00	-12.52	26.56	3	Horizontal	251	1.28	-	38.91	8.86	32.85
PK	17.26284G	63.21	68.20	-4.99	43.41	3	Horizontal	159	2.59	-	42.62	10.17	32.99

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5795MHz_TX



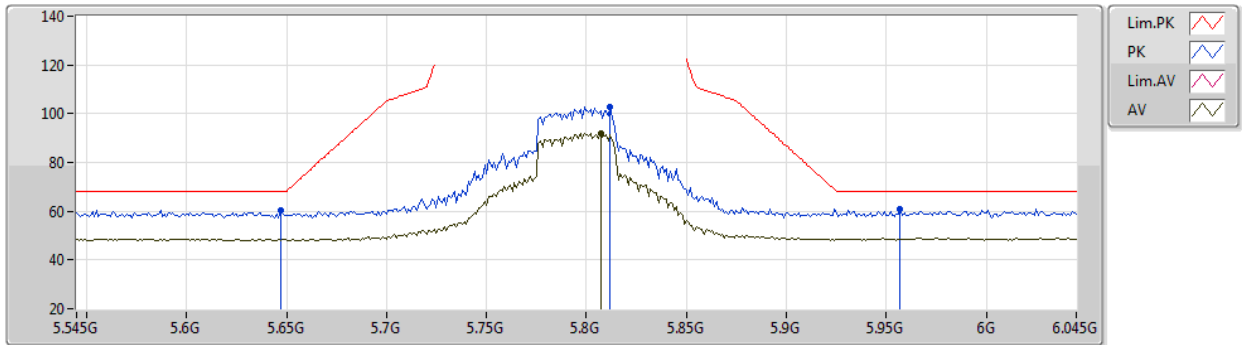
EUT Y_2TX
Setting 86
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.65G	67.14	68.20	-1.06	58.43	3	Vertical	4	1.90	-	33.85	6.32	31.46
PK	5.793G	118.02	Inf	-Inf	109.28	3	Vertical	4	1.90	-	33.80	6.40	31.46
AV	5.801G	107.86	Inf	-Inf	99.12	3	Vertical	4	1.90	-	33.80	6.40	31.46
PK	5.927G	67.71	68.20	-0.49	58.69	3	Vertical	4	1.90	-	34.13	6.34	31.45

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5795MHz_TX



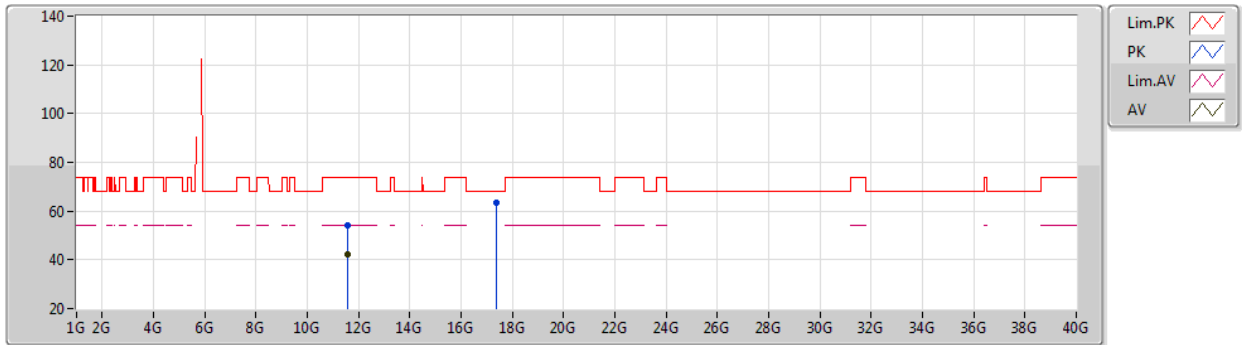
EUT Y_2TX
Setting 86
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	60.48	68.20	-7.72	51.78	3	Horizontal	271	1.96	-	33.85	6.32	31.47
PK	5.812G	102.91	Inf	-Inf	94.14	3	Horizontal	271	1.96	-	33.84	6.39	31.46
AV	5.807G	91.89	Inf	-Inf	83.13	3	Horizontal	271	1.96	-	33.82	6.40	31.46
PK	5.957G	60.71	68.20	-7.49	51.68	3	Horizontal	271	1.96	-	34.16	6.32	31.45

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5795MHz_TX



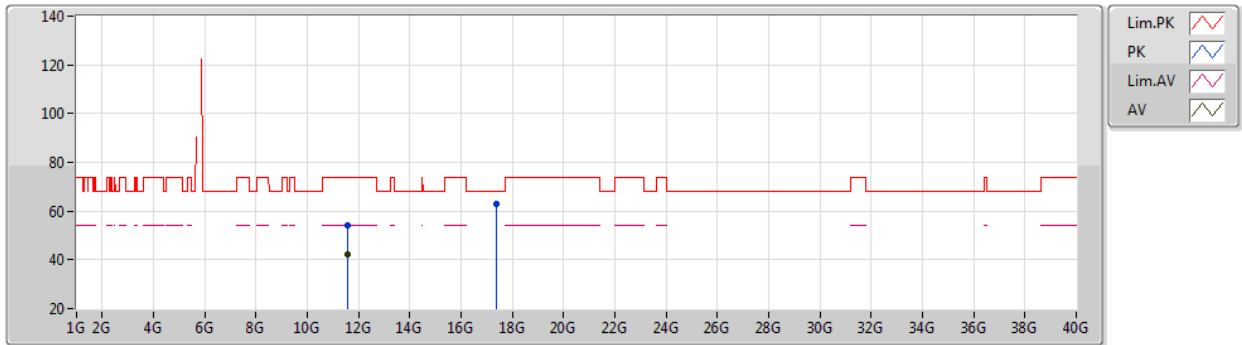
EUT Y_2TX
Setting 86
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.58756G	54.18	74.00	-19.82	39.20	3	Vertical	13	2.25	-	38.97	8.88	32.87
AV	11.58824G	42.14	54.00	-11.86	27.16	3	Vertical	13	2.25	-	38.97	8.88	32.87
PK	17.38166G	63.26	68.20	-4.94	42.76	3	Vertical	12	3.00	-	43.26	10.24	33.00

802.11ax HEW40_Nss1,(MCS0)_2TX

04/10/2020

5795MHz_TX



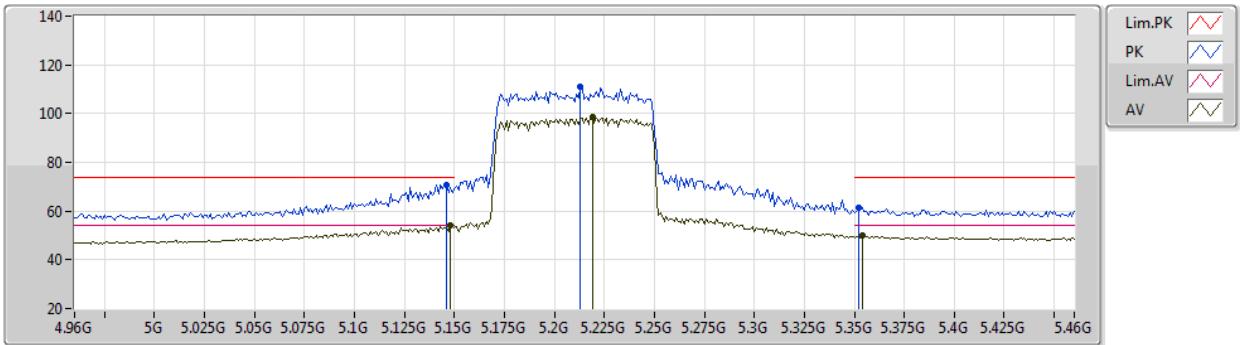
EUT Y_2TX
Setting 86
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.59392G	54.28	74.00	-19.72	39.29	3	Horizontal	195	1.82	-	38.98	8.88	32.87
AV	11.59492G	42.04	54.00	-11.96	27.05	3	Horizontal	195	1.82	-	38.98	8.88	32.87
PK	17.38676G	62.87	68.20	-5.33	42.34	3	Horizontal	51	1.75	-	43.29	10.24	33.00

802.11ax HEW80_Nss1,(MCS0)_2TX

04/10/2020

5210MHz_TX



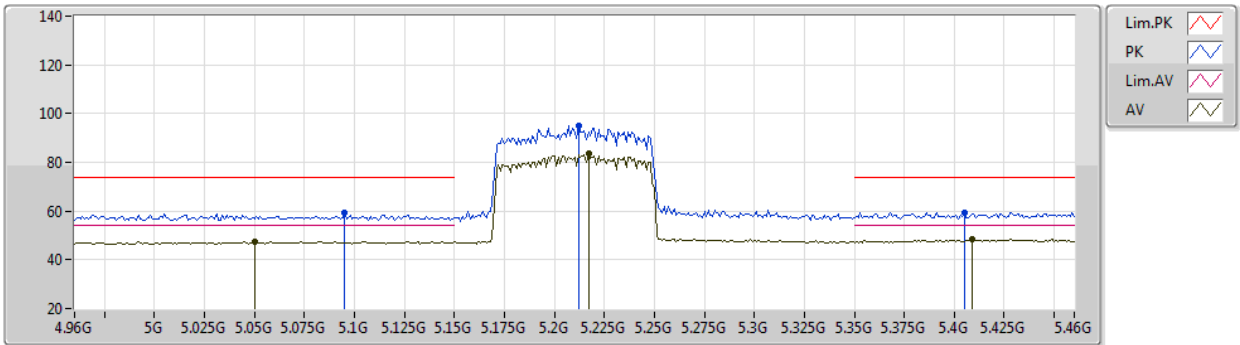
EUT Y_2TX
Setting 61
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	70.70	74.00	-3.30	63.01	3	Vertical	11	1.84	-	33.45	5.97	31.73
AV	5.148G	53.90	54.00	-0.10	46.21	3	Vertical	11	1.84	-	33.45	5.97	31.73
PK	5.213G	111.11	Inf	-Inf	103.25	3	Vertical	11	1.84	-	33.53	6.01	31.68
AV	5.219G	98.50	Inf	-Inf	90.63	3	Vertical	11	1.84	-	33.54	6.01	31.68
PK	5.352G	61.34	74.00	-12.66	53.09	3	Vertical	11	1.84	-	33.75	6.08	31.58
AV	5.354G	49.80	54.00	-4.20	41.55	3	Vertical	11	1.84	-	33.75	6.08	31.58

802.11ax HEW80_Nss1,(MCS0)_2TX

04/10/2020

5210MHz_TX



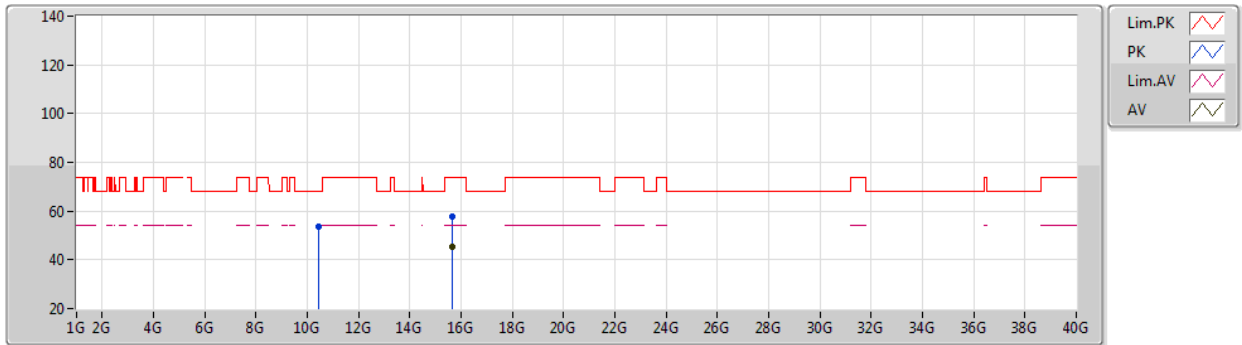
EUT Y_2TX
Setting 61
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.095G	59.48	74.00	-14.52	51.90	3	Horizontal	349	1.81	-	33.39	5.95	31.76
AV	5.05G	47.47	54.00	-6.53	39.99	3	Horizontal	349	1.81	-	33.35	5.93	31.80
PK	5.212G	95.19	Inf	-Inf	87.34	3	Horizontal	349	1.81	-	33.52	6.01	31.68
AV	5.217G	83.52	Inf	-Inf	75.66	3	Horizontal	349	1.81	-	33.53	6.01	31.68
PK	5.405G	59.50	74.00	-14.50	51.14	3	Horizontal	349	1.81	-	33.80	6.11	31.55
AV	5.409G	48.29	54.00	-5.71	39.91	3	Horizontal	349	1.81	-	33.81	6.11	31.54

802.11ax HEW80_Nss1,(MCS0)_2TX

04/10/2020

5210MHz_TX



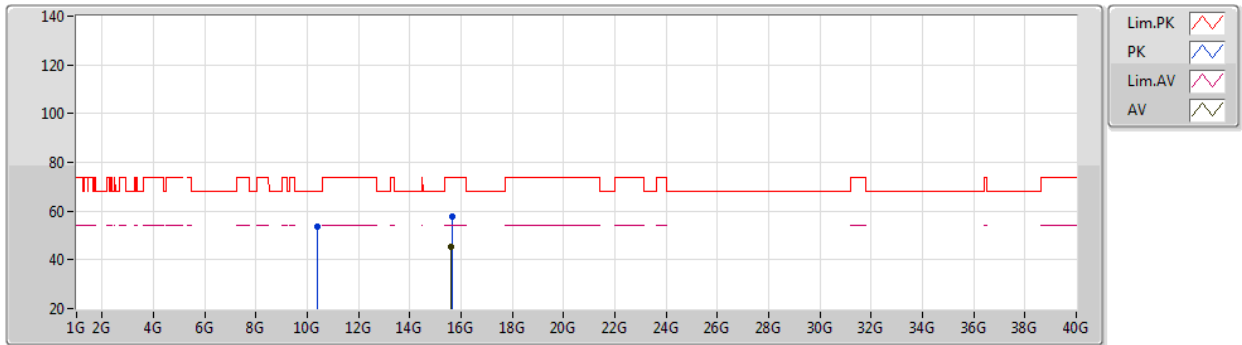
EUT Y_2TX
Setting 61
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.42334G	53.61	68.20	-14.59	38.83	3	Vertical	113	1.24	-	38.85	8.53	32.60
PK	15.6313G	57.52	74.00	-16.48	42.63	3	Vertical	9	1.91	-	38.47	9.28	32.86
AV	15.6331G	45.41	54.00	-8.59	30.53	3	Vertical	9	1.91	-	38.46	9.28	32.86

802.11ax HEW80_Nss1,(MCS0)_2TX

04/10/2020

5210MHz_TX



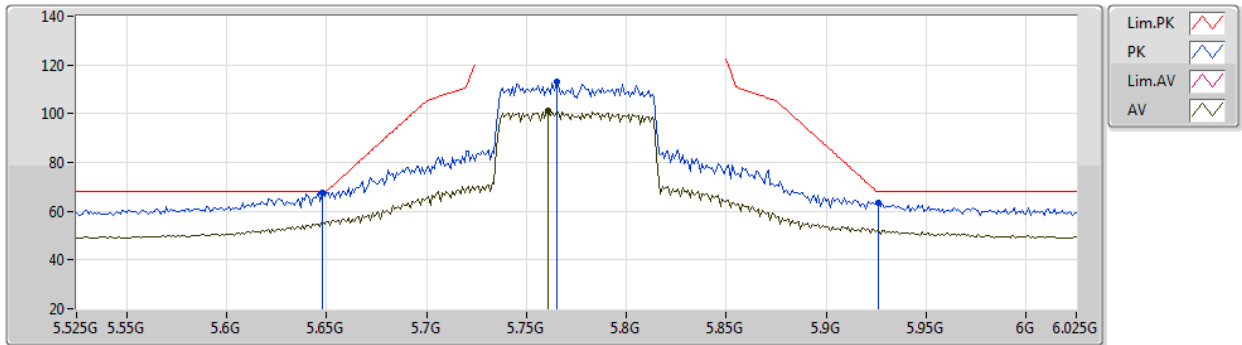
EUT Y_2TX
Setting 61
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41704G	53.86	68.20	-14.34	39.08	3	Horizontal	56	1.67	-	38.85	8.53	32.60
PK	15.63128G	57.57	74.00	-16.43	42.68	3	Horizontal	321	2.71	-	38.47	9.28	32.86
AV	15.62576G	45.40	54.00	-8.60	30.49	3	Horizontal	321	2.71	-	38.49	9.28	32.86

802.11ax HEW80_Nss1,(MCS0)_2TX

04/10/2020

5775MHz_TX



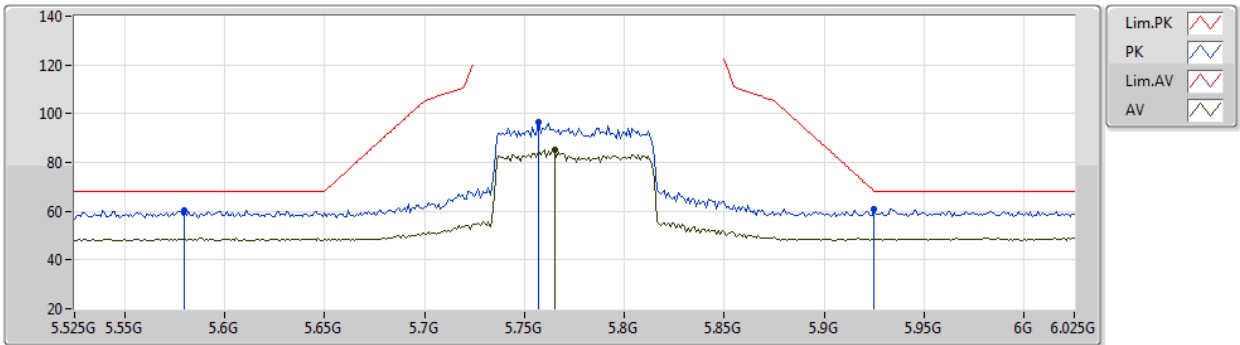
EUT Y_2TX
Setting 69
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.648G	67.73	68.20	-0.47	59.03	3	Vertical	5	1.80	-	33.85	6.32	31.47
PK	5.765G	113.03	Inf	-Inf	104.31	3	Vertical	5	1.80	-	33.80	6.38	31.46
AV	5.761G	101.08	Inf	-Inf	92.36	3	Vertical	5	1.80	-	33.80	6.38	31.46
PK	5.926G	63.22	68.20	-4.98	54.20	3	Vertical	5	1.80	-	34.13	6.34	31.45

802.11ax HEW80_Nss1,(MCS0)_2TX

04/10/2020

5775MHz_TX



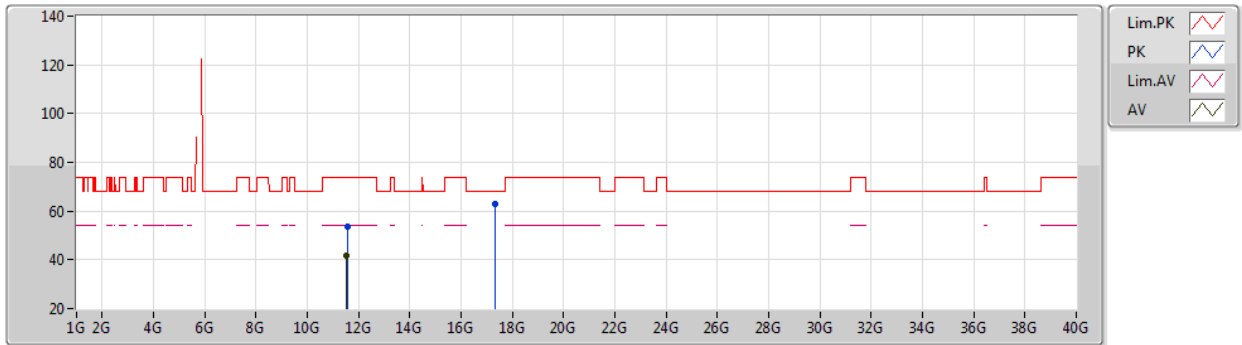
EUT Y_2TX
Setting 69
02-E-G-2-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.58G	60.31	68.20	-7.89	51.60	3	Horizontal	276	1.80	-	33.90	6.28	31.47
PK	5.757G	96.62	Inf	-Inf	87.90	3	Horizontal	276	1.80	-	33.80	6.38	31.46
AV	5.765G	85.05	Inf	-Inf	76.33	3	Horizontal	276	1.80	-	33.80	6.38	31.46
PK	5.925G	61.11	68.20	-7.09	52.09	3	Horizontal	276	1.80	-	34.13	6.34	31.45

802.11ax HEW80_Nss1,(MCS0)_2TX

04/10/2020

5775MHz_TX



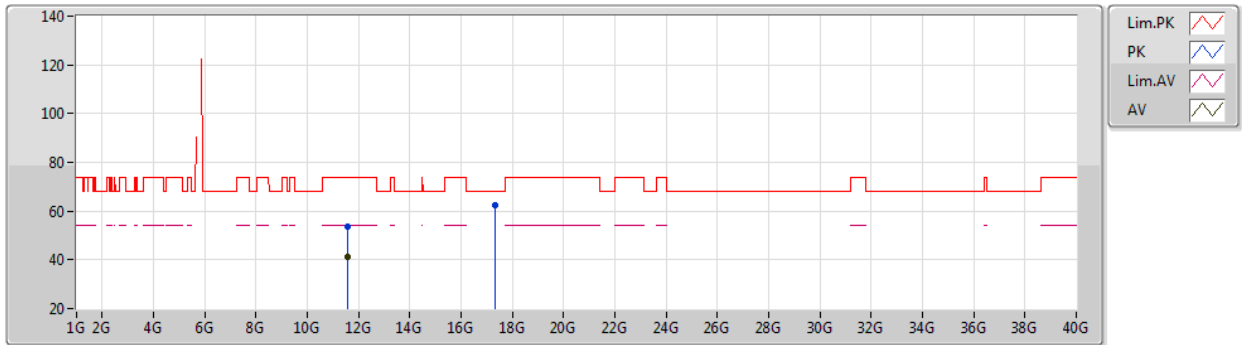
EUT Y_2TX
Setting 69
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.55488G	53.70	74.00	-20.30	38.75	3	Vertical	300	1.54	-	38.94	8.87	32.86
AV	11.54634G	41.54	54.00	-12.46	26.59	3	Vertical	300	1.54	-	38.94	8.87	32.86
PK	17.32324G	63.17	68.20	-5.03	43.01	3	Vertical	215	1.66	-	42.95	10.20	32.99

802.11ax HEW80_Nss1,(MCS0)_2TX

04/10/2020

5775MHz_TX



EUT Y_2TX
Setting 69
02-E-G-2

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.5505G	53.43	74.00	-20.57	38.48	3	Horizontal	260	2.94	-	38.94	8.87	32.86
AV	11.5514G	41.41	54.00	-12.59	26.46	3	Horizontal	260	2.94	-	38.94	8.87	32.86
PK	17.3271G	62.62	68.20	-5.58	42.44	3	Horizontal	267	2.48	-	42.97	10.20	32.99



For beamforming mode 2TX

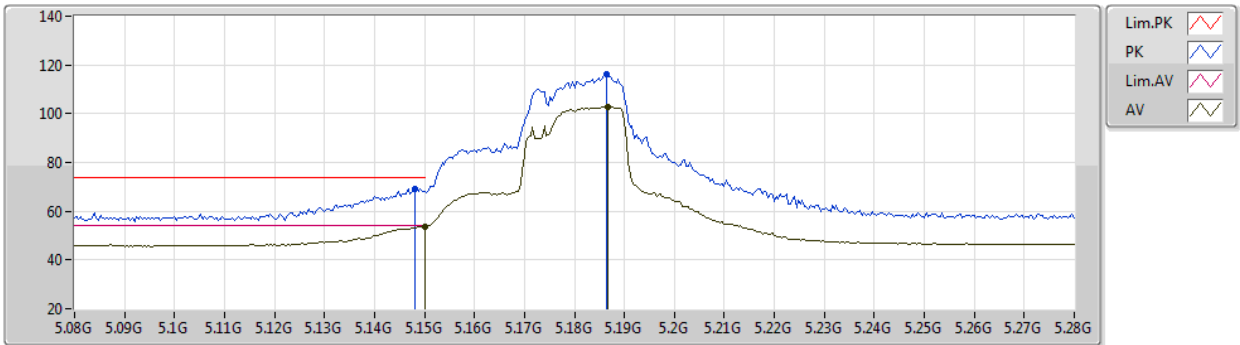
Summary

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	53.95	54.00	-0.05	3	Vertical	326	1.64	-

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5180MHz_TX



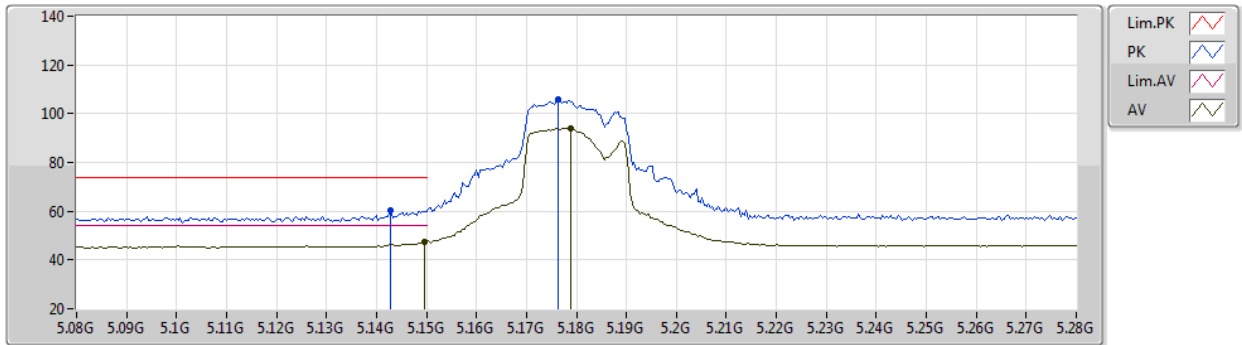
EUT Y_2TX
Setting 70
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.148G	69.31	74.00	-4.69	62.59	3	Vertical	312	1.81	-	33.45	5.00	31.73
AV	5.15G	53.80	54.00	-0.20	47.08	3	Vertical	312	1.81	-	33.45	5.00	31.73
PK	5.1864G	116.22	Inf	-Inf	109.36	3	Vertical	312	1.81	-	33.49	5.07	31.70
AV	5.1868G	102.81	Inf	-Inf	95.95	3	Vertical	312	1.81	-	33.49	5.07	31.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5180MHz_TX



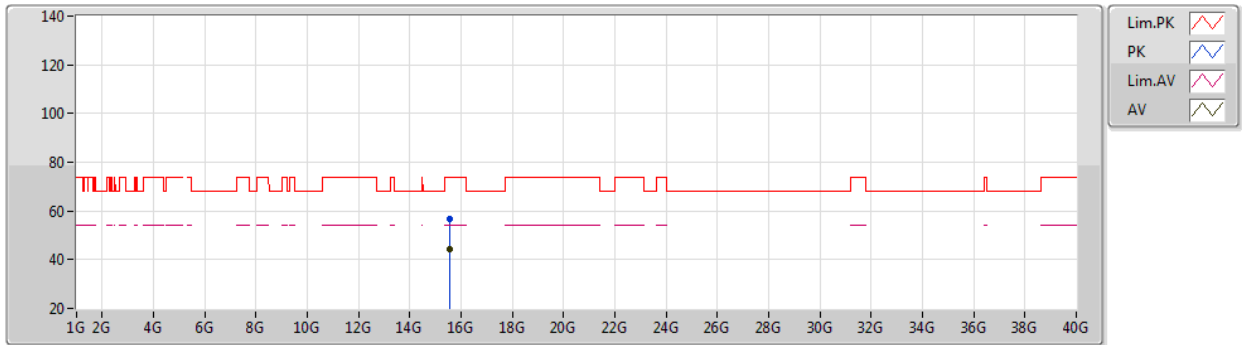
EUT Y_2TX
Setting 70
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1428G	60.40	74.00	-13.60	53.70	3	Horizontal	0	1.55	-	33.44	4.99	31.73
AV	5.1496G	47.24	54.00	-6.76	40.52	3	Horizontal	0	1.55	-	33.45	5.00	31.73
PK	5.1764G	105.79	Inf	-Inf	98.97	3	Horizontal	0	1.55	-	33.48	5.05	31.71
AV	5.1788G	94.13	Inf	-Inf	87.29	3	Horizontal	0	1.55	-	33.48	5.06	31.70

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5180MHz_TX



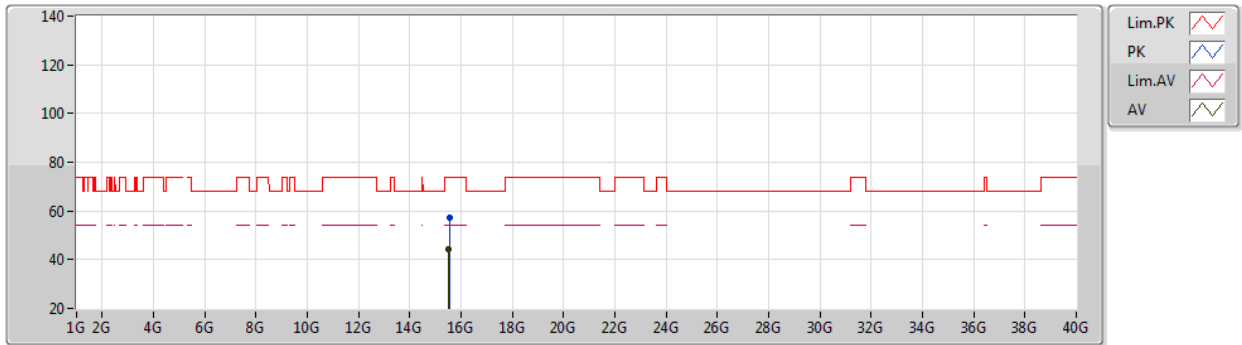
EUT Y_2TX
Setting 70
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.55266G	56.97	74.00	-17.03	42.09	3	Vertical	311	1.38	-	38.70	9.04	32.86
AV	15.54584G	44.16	54.00	-9.84	29.26	3	Vertical	311	1.38	-	38.72	9.04	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5180MHz_TX



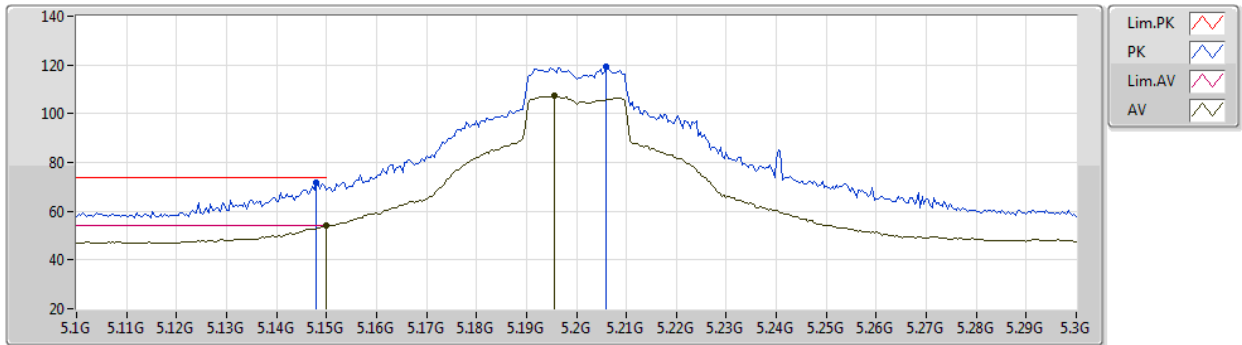
EUT Y_2TX
Setting 70
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5331G	57.40	74.00	-16.60	42.47	3	Horizontal	240	2.04	-	38.75	9.04	32.86
AV	15.5313G	44.24	54.00	-9.76	29.30	3	Horizontal	240	2.04	-	38.76	9.04	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5200MHz_TX



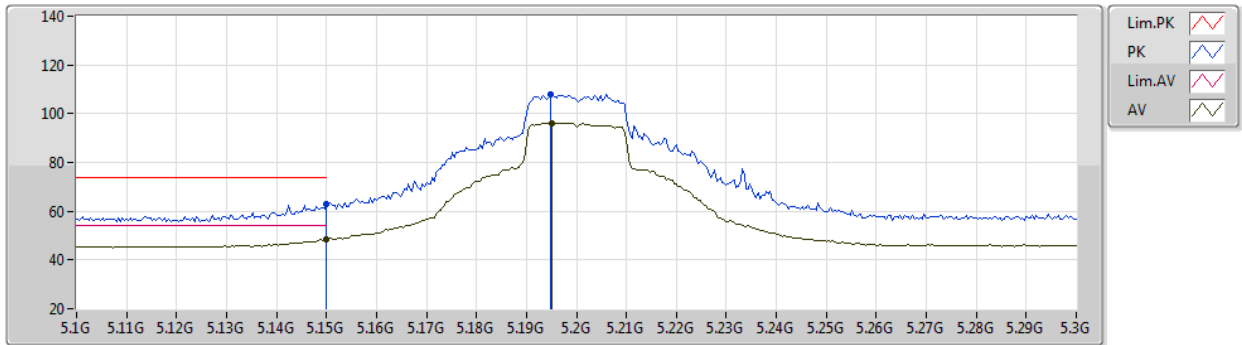
EUT Y_2TX
Setting 83
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.148G	71.72	74.00	-2.28	65.00	3	Vertical	326	1.64	-	33.45	5.00	31.73
AV	5.15G	53.95	54.00	-0.05	47.23	3	Vertical	326	1.64	-	33.45	5.00	31.73
PK	5.206G	119.08	Inf	-Inf	112.16	3	Vertical	326	1.64	-	33.51	5.10	31.69
AV	5.1956G	107.42	Inf	-Inf	100.52	3	Vertical	326	1.64	-	33.50	5.09	31.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5200MHz_TX



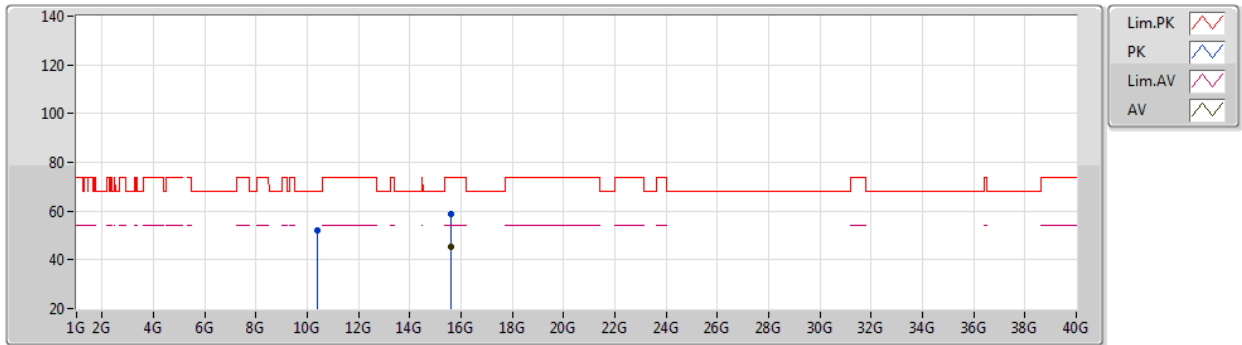
EUT Y_2TX
Setting 83
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	63.13	74.00	-10.87	56.41	3	Horizontal	0	1.44	-	33.45	5.00	31.73
AV	5.15G	48.53	54.00	-5.47	41.81	3	Horizontal	0	1.44	-	33.45	5.00	31.73
PK	5.1948G	108.18	Inf	-Inf	101.29	3	Horizontal	0	1.44	-	33.49	5.09	31.69
AV	5.1952G	96.29	Inf	-Inf	89.39	3	Horizontal	0	1.44	-	33.50	5.09	31.69

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5200MHz_TX



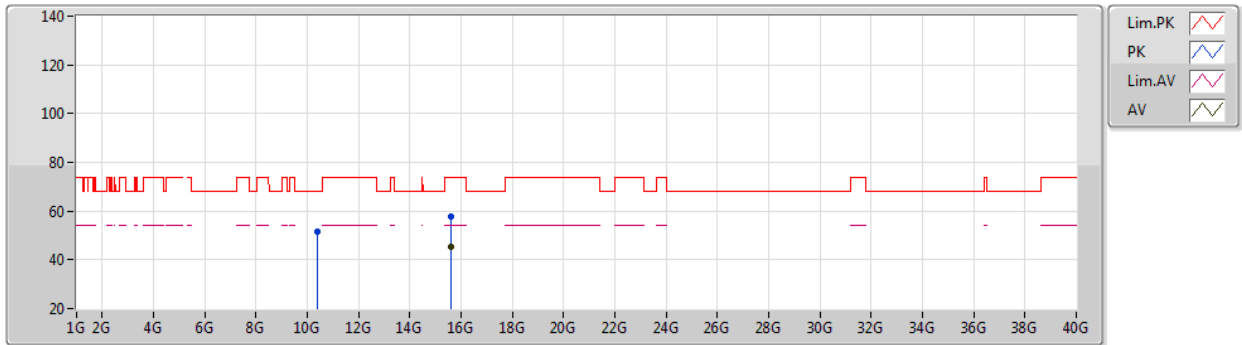
EUT Y_2TX
Setting 83
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.41296G	52.06	68.20	-16.14	38.57	3	Vertical	70	1.90	-	38.85	7.24	32.60
PK	15.59634G	58.84	74.00	-15.16	44.07	3	Vertical	0	2.95	-	38.57	9.06	32.86
AV	15.59598G	45.52	54.00	-8.48	30.75	3	Vertical	0	2.95	-	38.57	9.06	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5200MHz_TX



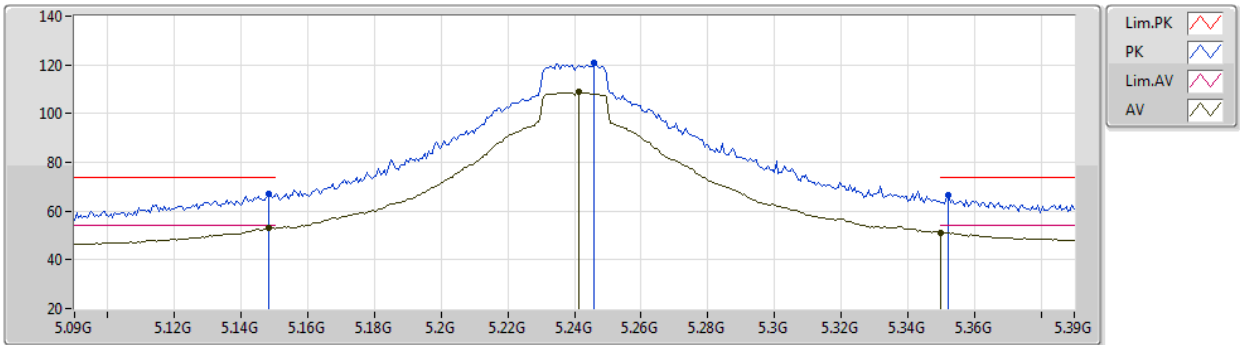
EUT Y_2TX
Setting 83
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.39652G	51.81	68.20	-16.39	38.30	3	Horizontal	126	1.40	-	38.86	7.24	32.59
PK	15.60162G	57.71	74.00	-16.29	42.95	3	Horizontal	174	2.53	-	38.56	9.06	32.86
AV	15.59442G	45.29	54.00	-8.71	30.51	3	Horizontal	174	2.53	-	38.58	9.06	32.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5240MHz_TX



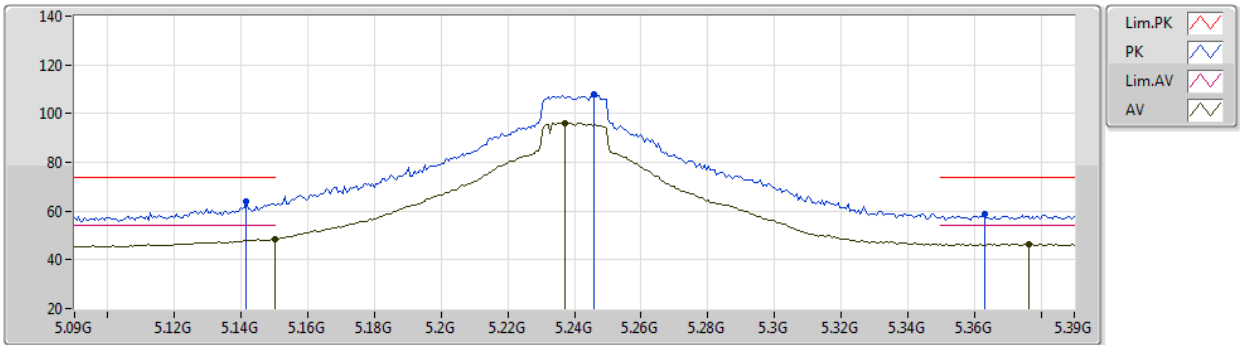
EUT Y_2TX
Setting 90
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1482G	66.93	74.00	-7.07	60.21	3	Vertical	353	1.20	-	33.45	5.00	31.73
AV	5.1482G	53.05	54.00	-0.95	46.33	3	Vertical	353	1.20	-	33.45	5.00	31.73
PK	5.246G	120.82	Inf	-Inf	113.81	3	Vertical	353	1.20	-	33.59	5.08	31.66
AV	5.2412G	108.85	Inf	-Inf	101.85	3	Vertical	353	1.20	-	33.58	5.08	31.66
PK	5.3522G	66.69	74.00	-7.31	59.50	3	Vertical	353	1.20	-	33.75	5.02	31.58
AV	5.35G	51.10	54.00	-2.90	43.91	3	Vertical	353	1.20	-	33.75	5.02	31.58

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5240MHz_TX



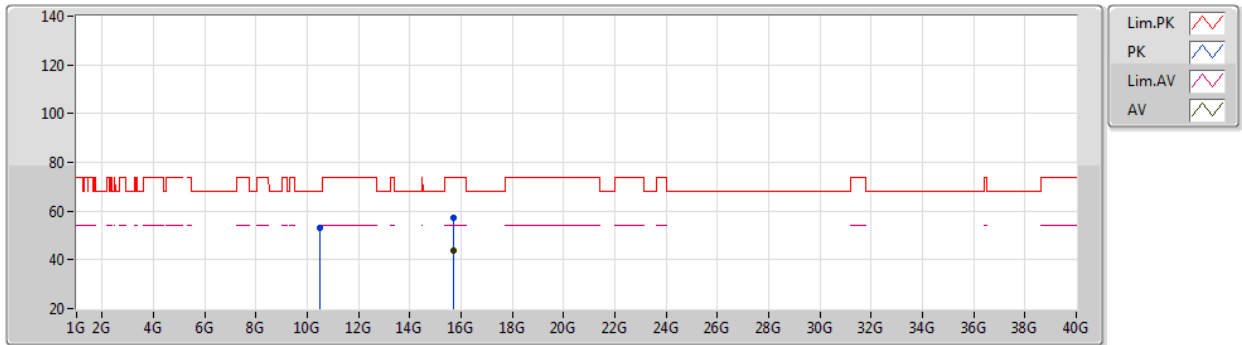
EUT Y_2TX
Setting 90
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1416G	63.85	74.00	-10.15	57.16	3	Horizontal	0	1.40	-	33.44	4.98	31.73
AV	5.15G	48.46	54.00	-5.54	41.74	3	Horizontal	0	1.40	-	33.45	5.00	31.73
PK	5.246G	107.76	Inf	-Inf	100.75	3	Horizontal	0	1.40	-	33.59	5.08	31.66
AV	5.237G	96.23	Inf	-Inf	89.24	3	Horizontal	0	1.40	-	33.57	5.08	31.66
PK	5.363G	58.59	74.00	-15.41	51.39	3	Horizontal	0	1.40	-	33.76	5.02	31.58
AV	5.3762G	46.40	54.00	-7.60	39.18	3	Horizontal	0	1.40	-	33.78	5.01	31.57

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5240MHz_TX



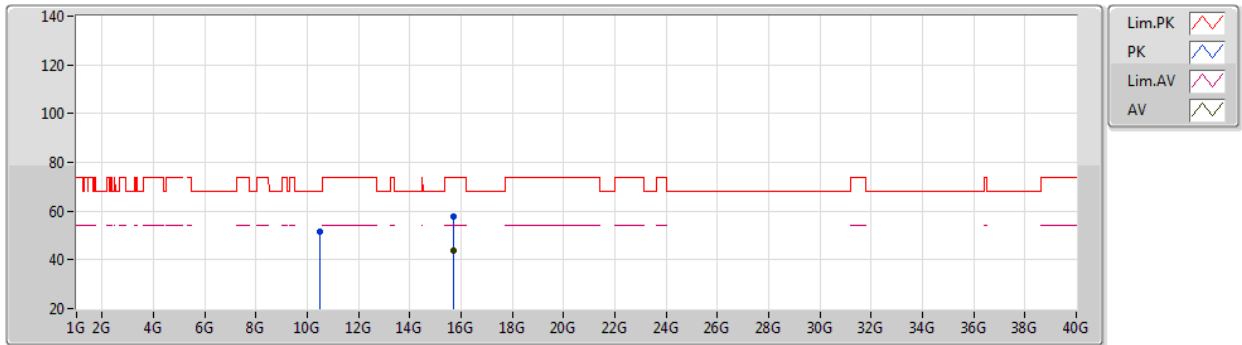
EUT Y_2TX
Setting 90
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.48018G	53.06	68.20	-15.14	39.59	3	Vertical	230	1.99	-	38.81	7.27	32.61
PK	15.72492G	57.16	74.00	-16.84	42.73	3	Vertical	182	2.49	-	38.20	9.10	32.87
AV	15.72288G	43.94	54.00	-10.06	29.51	3	Vertical	182	2.49	-	38.20	9.10	32.87

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

13/10/2020

5240MHz_TX



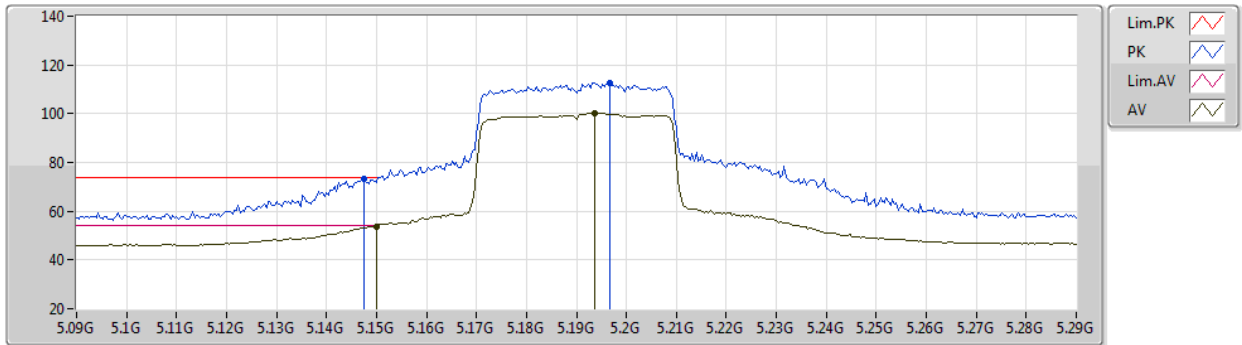
EUT Y_2TX
Setting 90
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47238G	51.65	68.20	-16.55	38.17	3	Horizontal	326	1.28	-	38.82	7.27	32.61
PK	15.70938G	57.94	74.00	-16.06	43.47	3	Horizontal	265	1.16	-	38.24	9.10	32.87
AV	15.71616G	43.99	54.00	-10.01	29.54	3	Horizontal	265	1.16	-	38.22	9.10	32.87

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

13/10/2020

5190MHz_TX



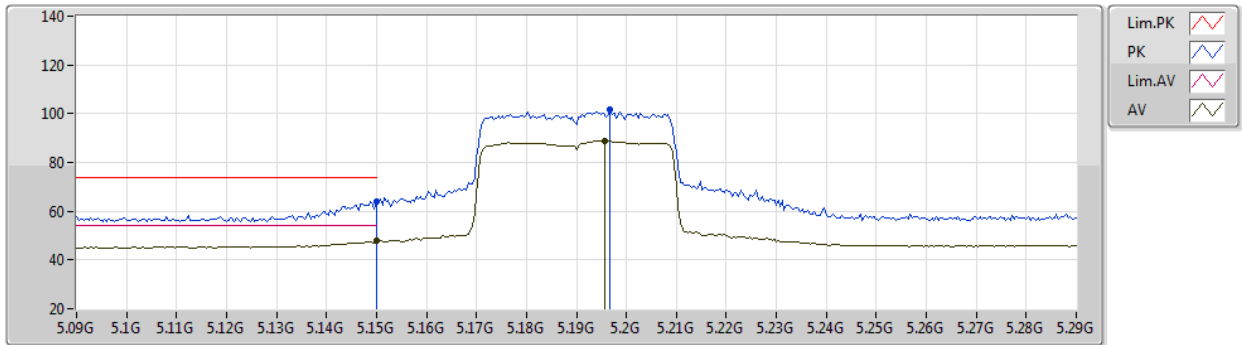
EUT Y_2TX
Setting 58
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1476G	73.27	74.00	-0.73	66.55	3	Vertical	360	1.39	-	33.45	5.00	31.73
AV	5.15G	53.78	54.00	-0.22	47.06	3	Vertical	360	1.39	-	33.45	5.00	31.73
PK	5.1968G	112.74	Inf	-Inf	105.84	3	Vertical	360	1.39	-	33.50	5.09	31.69
AV	5.1936G	100.24	Inf	-Inf	93.35	3	Vertical	360	1.39	-	33.49	5.09	31.69

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

13/10/2020

5190MHz_TX



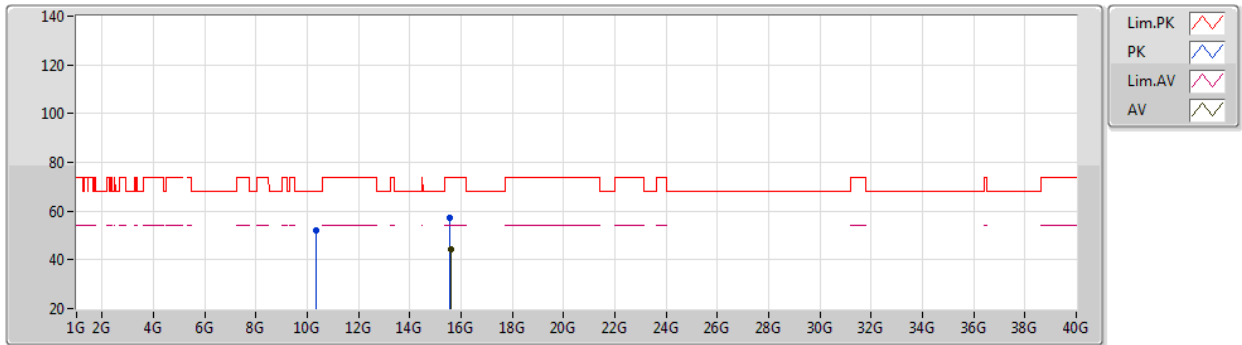
EUT Y_2TX
Setting 58
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	5.15G	64.10	74.00	-9.90	57.38	3	Horizontal	0	1.33	-	33.45	5.00	31.73	
AV	5.15G	47.74	54.00	-6.26	41.02	3	Horizontal	0	1.33	-	33.45	5.00	31.73	
PK	5.1968G	101.61	Inf	-Inf	94.71	3	Horizontal	0	1.33	-	33.50	5.09	31.69	
AV	5.1956G	88.95	Inf	-Inf	82.05	3	Horizontal	0	1.33	-	33.50	5.09	31.69	

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

13/10/2020

5190MHz_TX



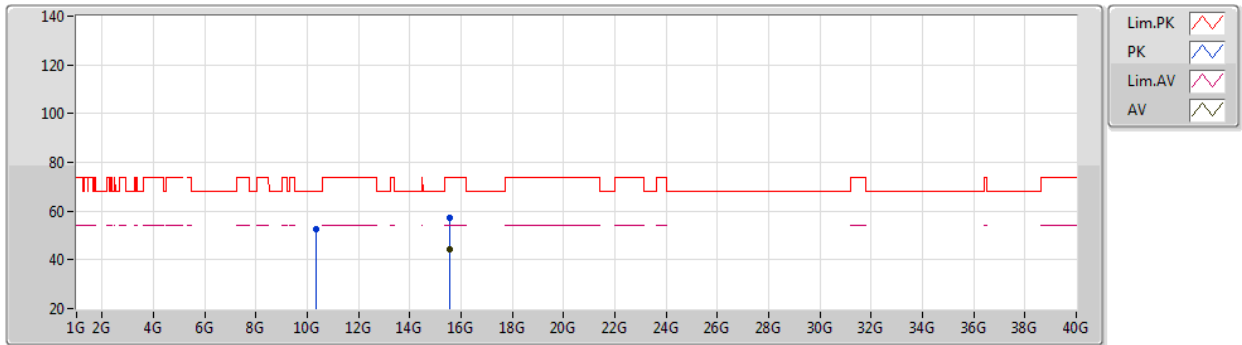
EUT Y_2TX
Setting 58
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36512G	51.96	68.20	-16.24	38.43	3	Vertical	70	2.35	-	38.88	7.23	32.58
PK	15.58056G	57.03	74.00	-16.97	42.22	3	Vertical	163	1.50	-	38.62	9.05	32.86
AV	15.5826G	44.12	54.00	-9.88	29.32	3	Vertical	163	1.50	-	38.61	9.05	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

13/10/2020

5190MHz_TX



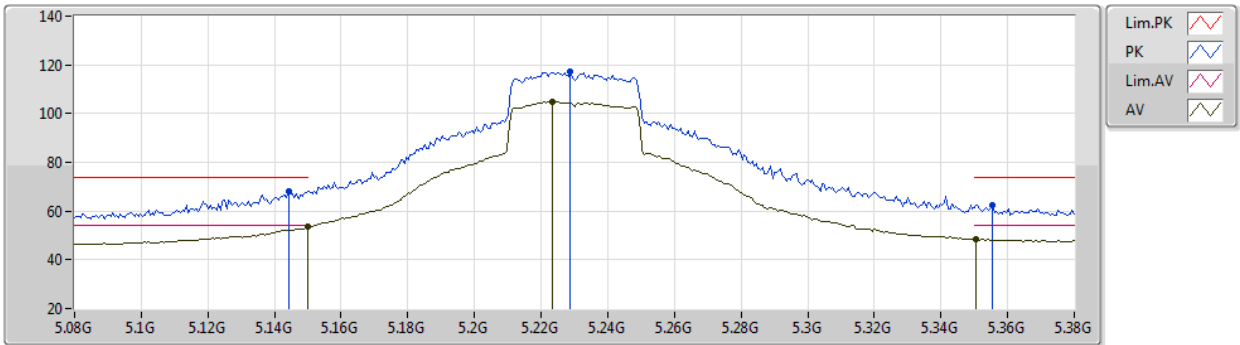
EUT Y_2TX
Setting 58
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.36524G	52.55	68.20	-15.65	39.02	3	Horizontal	60	1.72	-	38.88	7.23	32.58
PK	15.56412G	57.43	74.00	-16.57	42.58	3	Horizontal	206	2.90	-	38.66	9.05	32.86
AV	15.57924G	44.25	54.00	-9.75	29.44	3	Horizontal	206	2.90	-	38.62	9.05	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

13/10/2020

5230MHz_TX



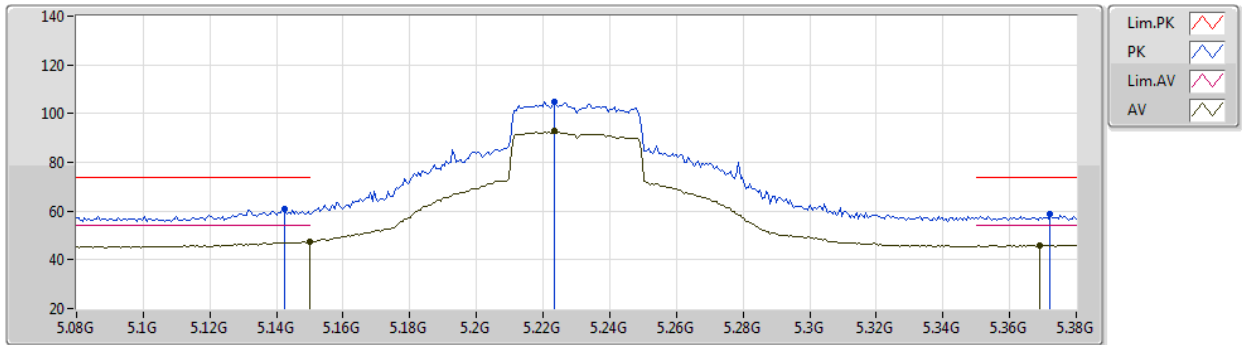
EUT Y_2TX
Setting 80
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1442G	68.28	74.00	-5.72	61.58	3	Vertical	341	1.57	-	33.44	4.99	31.73
AV	5.15G	53.46	54.00	-0.54	46.74	3	Vertical	341	1.57	-	33.45	5.00	31.73
PK	5.2288G	117.05	Inf	-Inf	110.07	3	Vertical	341	1.57	-	33.56	5.09	31.67
AV	5.2234G	104.88	Inf	-Inf	97.91	3	Vertical	341	1.57	-	33.55	5.09	31.67
PK	5.3554G	62.34	74.00	-11.66	55.14	3	Vertical	341	1.57	-	33.76	5.02	31.58
AV	5.3506G	48.32	54.00	-5.68	41.13	3	Vertical	341	1.57	-	33.75	5.02	31.58

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

13/10/2020

5230MHz_TX



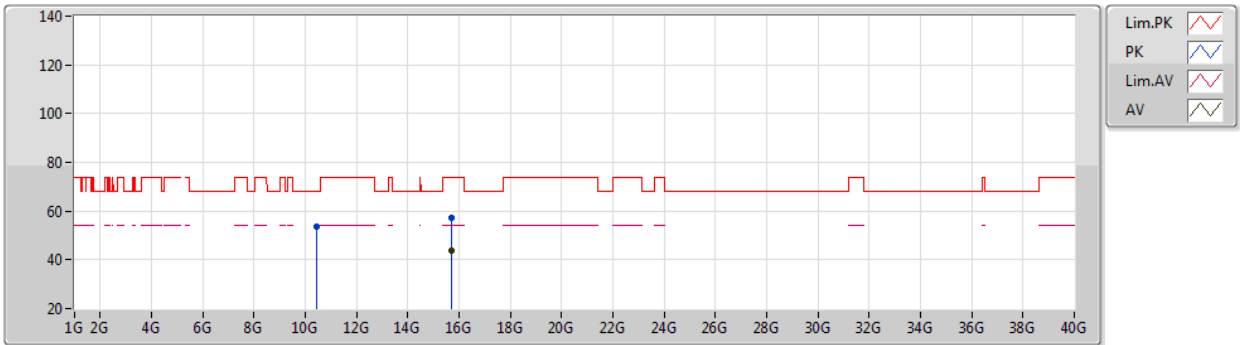
EUT Y_2TX
Setting 80
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1424G	60.97	74.00	-13.03	54.28	3	Horizontal	0	1.50	-	33.44	4.98	31.73
AV	5.15G	47.52	54.00	-6.48	40.80	3	Horizontal	0	1.50	-	33.45	5.00	31.73
PK	5.2234G	105.08	Inf	-Inf	98.11	3	Horizontal	0	1.50	-	33.55	5.09	31.67
AV	5.2234G	92.89	Inf	-Inf	85.92	3	Horizontal	0	1.50	-	33.55	5.09	31.67
PK	5.3722G	58.55	74.00	-15.45	51.34	3	Horizontal	0	1.50	-	33.77	5.01	31.57
AV	5.3692G	45.92	54.00	-8.08	38.70	3	Horizontal	0	1.50	-	33.77	5.02	31.57

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

13/10/2020

5230MHz_TX



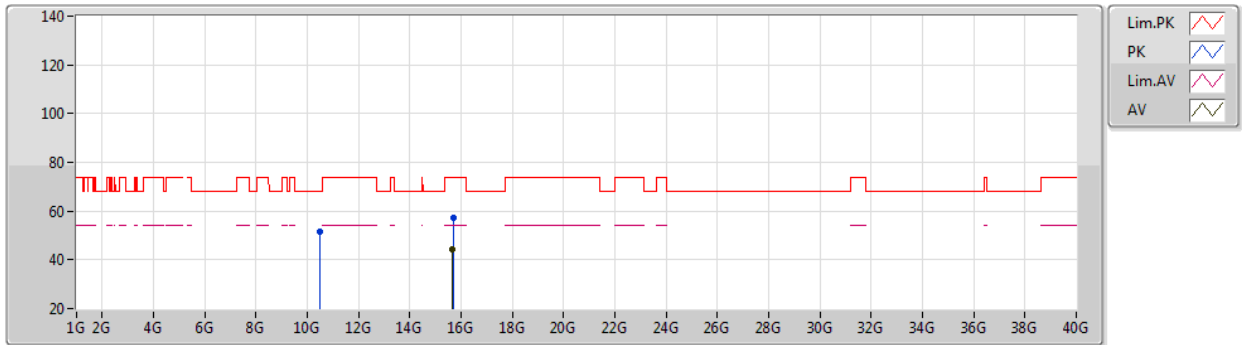
EUT Y_2TX
Setting 80
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.45982G	53.69	68.20	-14.51	40.22	3	Vertical	184	1.77	-	38.82	7.26	32.61
PK	15.69264G	57.17	74.00	-16.83	42.65	3	Vertical	146	1.80	-	38.29	9.09	32.86
AV	15.6894G	43.99	54.00	-10.01	29.46	3	Vertical	146	1.80	-	38.30	9.09	32.86

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

13/10/2020

5230MHz_TX



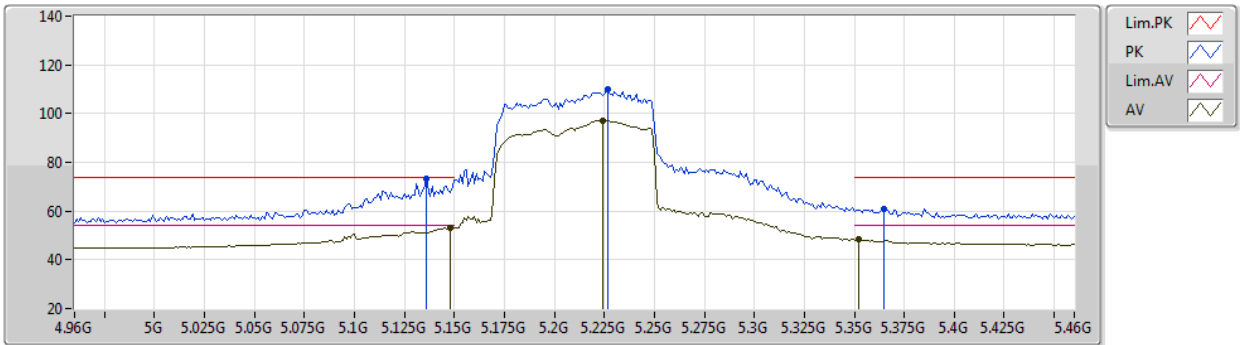
EUT Y_2TX
Setting 80
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.47368G	51.54	68.20	-16.66	38.06	3	Horizontal	98	1.67	-	38.82	7.27	32.61
PK	15.7026G	56.99	74.00	-17.01	42.50	3	Horizontal	255	1.80	-	38.26	9.10	32.87
AV	15.67542G	44.06	54.00	-9.94	29.49	3	Horizontal	255	1.80	-	38.34	9.09	32.86

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

13/10/2020

5210MHz_TX



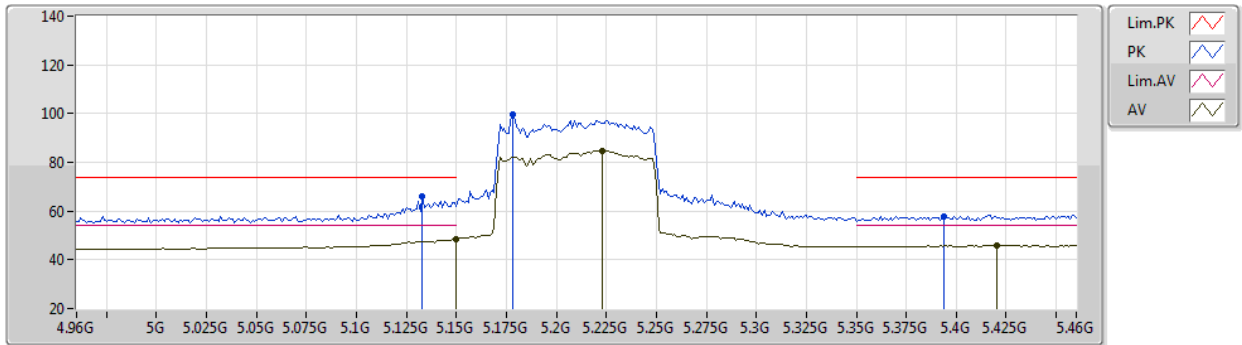
EUT Y_2TX
Setting 62
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.136G	73.17	74.00	-0.83	66.49	3	Vertical	332	1.80	-	33.44	4.97	31.73
AV	5.148G	53.13	54.00	-0.87	46.41	3	Vertical	332	1.80	-	33.45	5.00	31.73
PK	5.227G	110.22	Inf	-Inf	103.25	3	Vertical	332	1.80	-	33.55	5.09	31.67
AV	5.224G	97.14	Inf	-Inf	90.17	3	Vertical	332	1.80	-	33.55	5.09	31.67
PK	5.365G	61.01	74.00	-12.99	53.79	3	Vertical	332	1.80	-	33.77	5.02	31.57
AV	5.352G	48.21	54.00	-5.79	41.02	3	Vertical	332	1.80	-	33.75	5.02	31.58

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

13/10/2020

5210MHz_TX



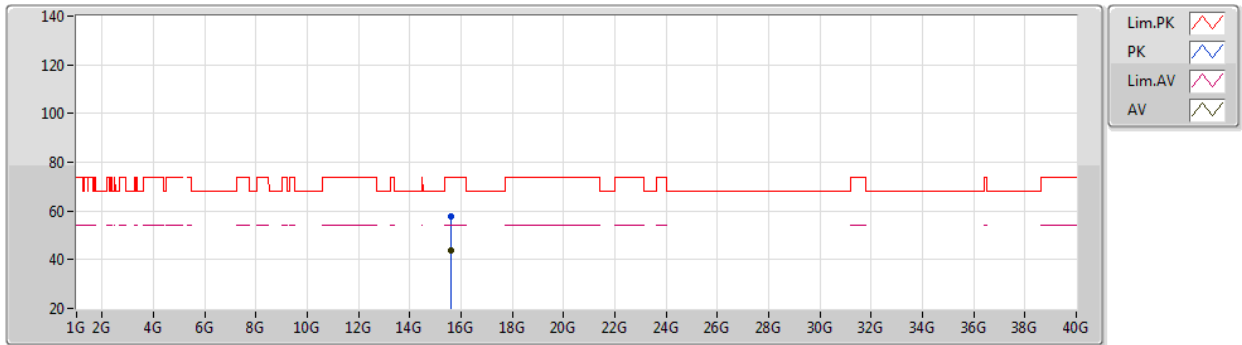
EUT Y_2TX
Setting 62
02-E-K-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.133G	66.09	74.00	-7.91	59.43	3	Horizontal	358	1.78	-	33.43	4.97	31.74
AV	5.15G	48.54	54.00	-5.46	41.82	3	Horizontal	358	1.78	-	33.45	5.00	31.73
PK	5.178G	99.46	Inf	-Inf	92.63	3	Horizontal	358	1.78	-	33.48	5.06	31.71
AV	5.223G	84.71	Inf	-Inf	77.74	3	Horizontal	358	1.78	-	33.55	5.09	31.67
PK	5.394G	57.80	74.00	-16.20	50.56	3	Horizontal	358	1.78	-	33.79	5.00	31.55
AV	5.42G	45.81	54.00	-8.19	38.50	3	Horizontal	358	1.78	-	33.82	5.02	31.53

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

13/10/2020

5210MHz_TX



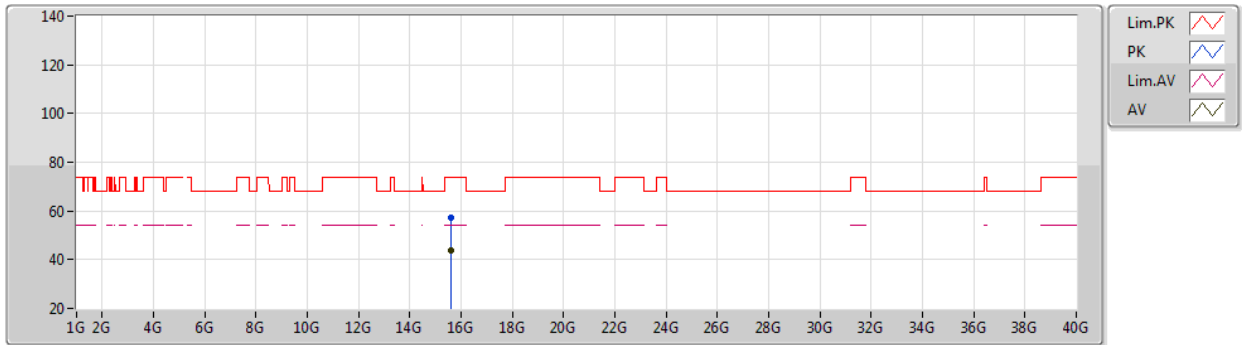
EUT Y_2TX
Setting 62
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.61644G	57.76	74.00	-16.24	43.04	3	Vertical	64	1.80	-	38.51	9.07	32.86
AV	15.615G	43.92	54.00	-10.08	29.19	3	Vertical	64	1.80	-	38.52	9.07	32.86

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

13/10/2020

5210MHz_TX



EUT Y_2TX
Setting 62
02-E-K-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.61602G	57.43	74.00	-16.57	42.71	3	Horizontal	205	1.79	-	38.51	9.07	32.86
AV	15.61566G	43.80	54.00	-10.20	29.08	3	Horizontal	205	1.79	-	38.51	9.07	32.86



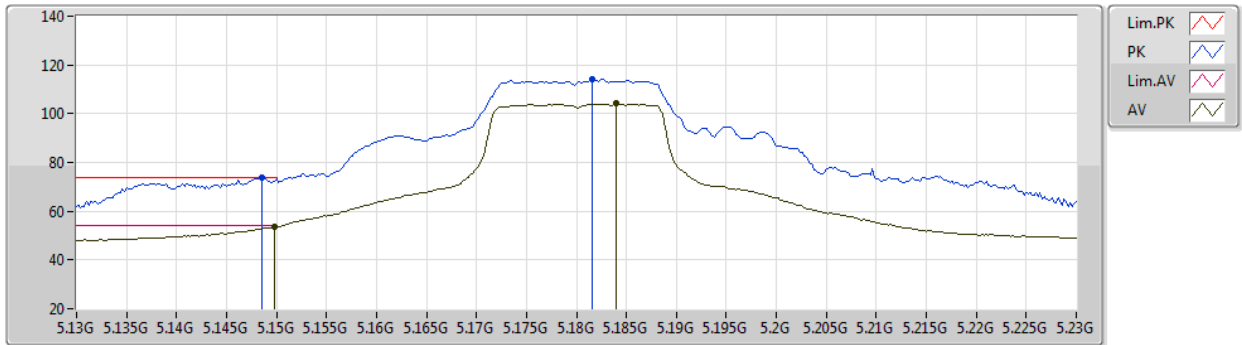
**For 5G Radio
For non beamforming mode 1TX
Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.15G	53.88	54.00	-0.12	3	Vertical	360	1.57	-

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5180MHz_TX



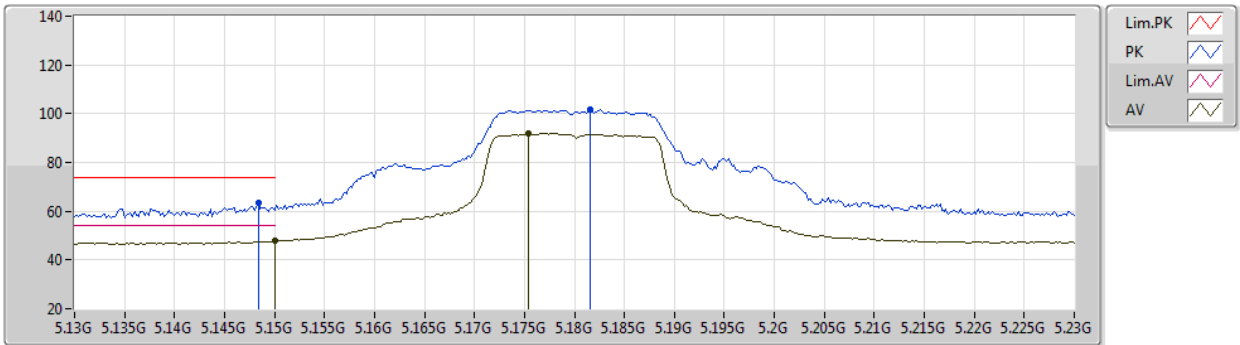
EUT Y_1TX Ant 2
Setting 72
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1486G	73.55	74.00	-0.45	65.86	3	Vertical	356	1.47	-	33.45	5.97	31.73
AV	5.1498G	53.72	54.00	-0.28	46.03	3	Vertical	356	1.47	-	33.45	5.97	31.73
PK	5.1816G	114.18	Inf	-Inf	106.41	3	Vertical	356	1.47	-	33.48	5.99	31.70
AV	5.184G	104.14	Inf	-Inf	96.37	3	Vertical	356	1.47	-	33.48	5.99	31.70

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5180MHz_TX



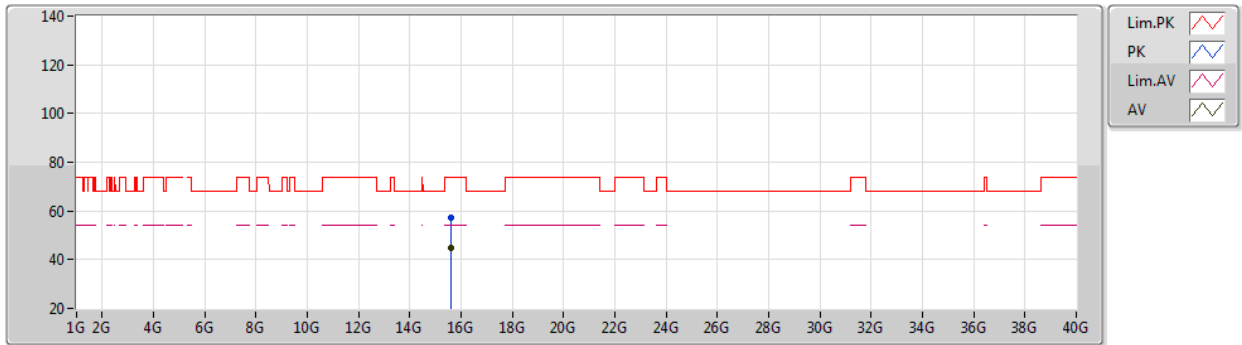
EUT Y_1TX Ant 2
Setting 72
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1484G	63.44	74.00	-10.56	55.75	3	Horizontal	343	2.07	-	33.45	5.97	31.73
AV	5.15G	47.76	54.00	-6.24	40.07	3	Horizontal	343	2.07	-	33.45	5.97	31.73
PK	5.1816G	101.82	Inf	-Inf	94.05	3	Horizontal	343	2.07	-	33.48	5.99	31.70
AV	5.1754G	91.86	Inf	-Inf	84.10	3	Horizontal	343	2.07	-	33.48	5.99	31.71

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5180MHz_TX



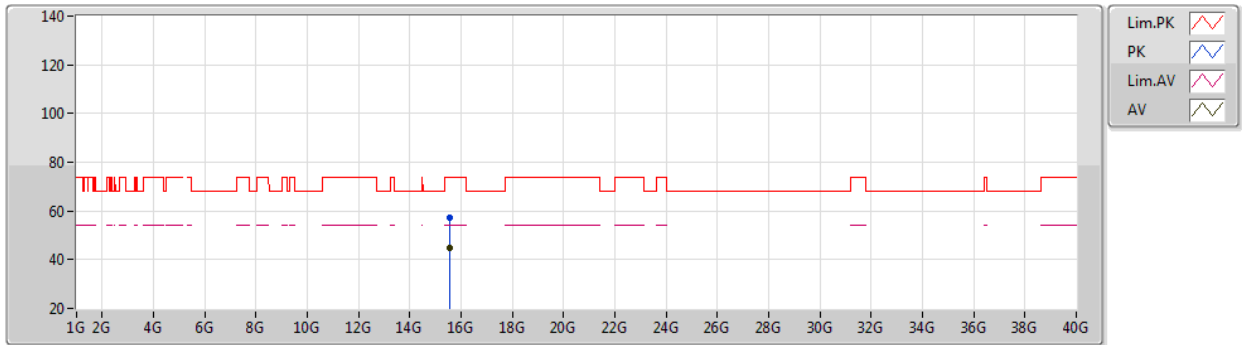
EUT Y_1TX Ant 2
Setting 72
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5886G	57.34	74.00	-16.66	42.35	3	Vertical	277	1.54	-	38.59	9.26	32.86
AV	15.5866G	45.02	54.00	-8.98	30.02	3	Vertical	277	1.54	-	38.60	9.26	32.86

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5180MHz_TX



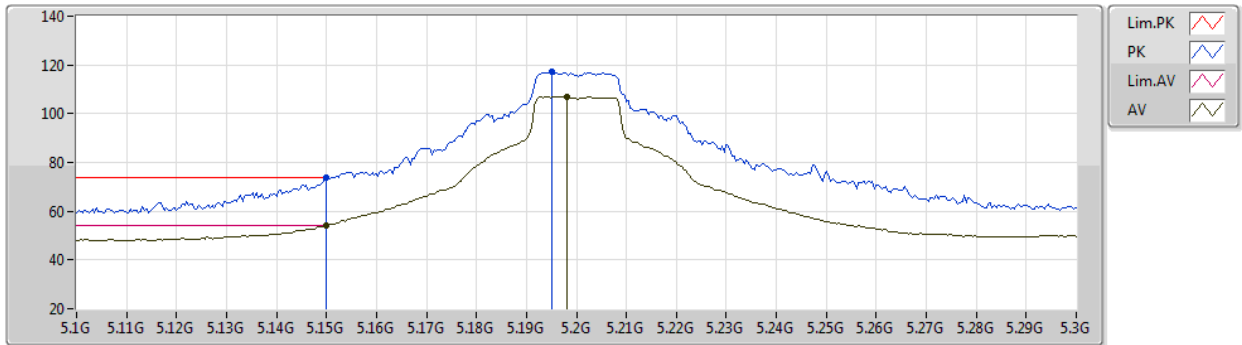
EUT Y_1TX Ant 2
Setting 72
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5502G	57.11	74.00	-16.89	42.02	3	Horizontal	327	2.30	-	38.70	9.25	32.86
AV	15.5716G	44.93	54.00	-9.07	29.89	3	Horizontal	327	2.30	-	38.64	9.26	32.86

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5200MHz_TX



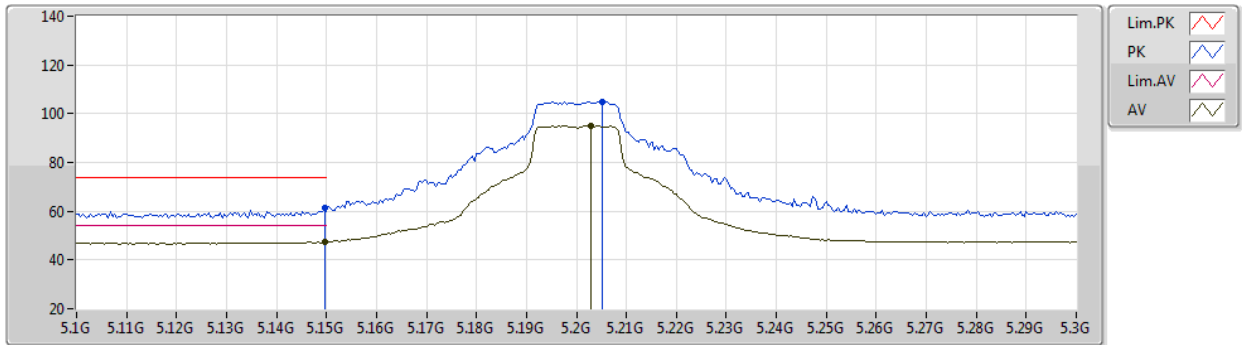
EUT Y_1TX Ant 2
Setting 85
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	73.79	74.00	-0.21	66.10	3	Vertical	360	1.57	-	33.45	5.97	31.73
AV	5.15G	53.88	54.00	-0.12	46.19	3	Vertical	360	1.57	-	33.45	5.97	31.73
PK	5.1952G	117.01	Inf	-Inf	109.20	3	Vertical	360	1.57	-	33.50	6.00	31.69
AV	5.198G	107.07	Inf	-Inf	99.26	3	Vertical	360	1.57	-	33.50	6.00	31.69

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5200MHz_TX



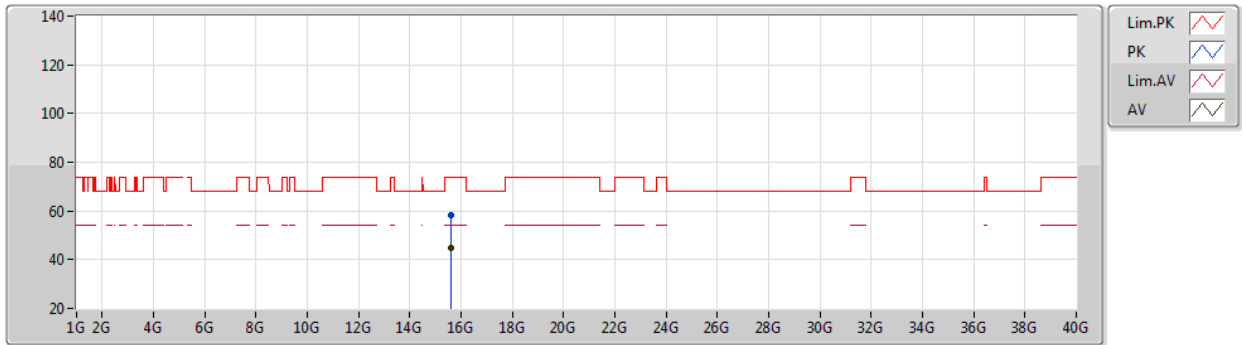
EUT Y_1TX Ant 2
Setting 85
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1496G	61.57	74.00	-12.43	53.88	3	Horizontal	348	2.03	-	33.45	5.97	31.73
AV	5.1496G	47.26	54.00	-6.74	39.57	3	Horizontal	348	2.03	-	33.45	5.97	31.73
PK	5.2052G	104.92	Inf	-Inf	97.10	3	Horizontal	348	2.03	-	33.51	6.00	31.69
AV	5.2028G	95.14	Inf	-Inf	87.32	3	Horizontal	348	2.03	-	33.51	6.00	31.69

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5200MHz_TX



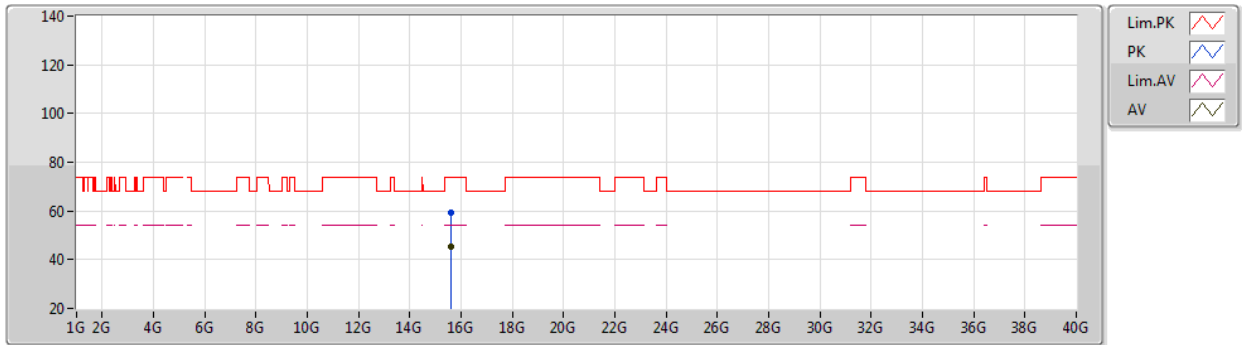
EUT V_1TX Ant 2
Setting 85
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.60464G	58.13	74.00	-15.87	43.17	3	Vertical	174	2.77	-	38.55	9.27	32.86
AV	15.59892G	44.96	54.00	-9.04	29.99	3	Vertical	174	2.77	-	38.56	9.27	32.86

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5200MHz_TX



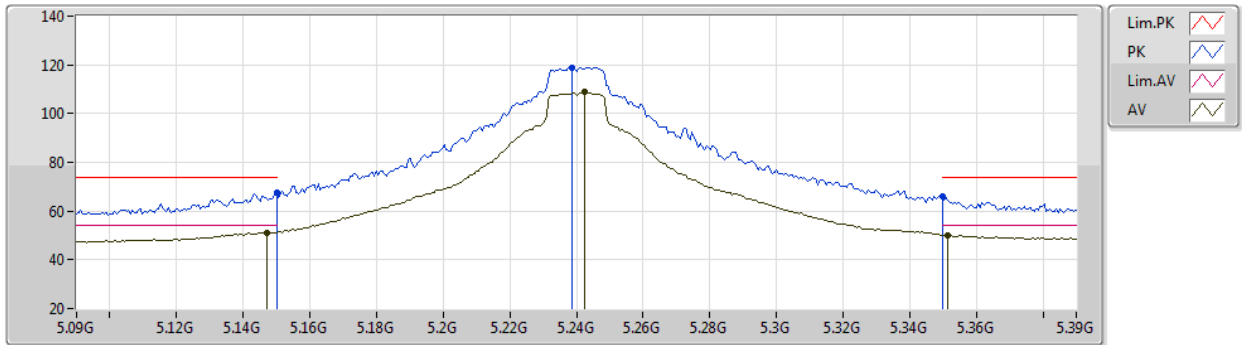
EUT Y_1TX Ant 2
Setting 85
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.60876G	59.29	74.00	-14.71	44.35	3	Horizontal	109	1.23	-	38.53	9.27	32.86
AV	15.59864G	45.22	54.00	-8.78	30.25	3	Horizontal	109	1.23	-	38.56	9.27	32.86

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5240MHz_TX



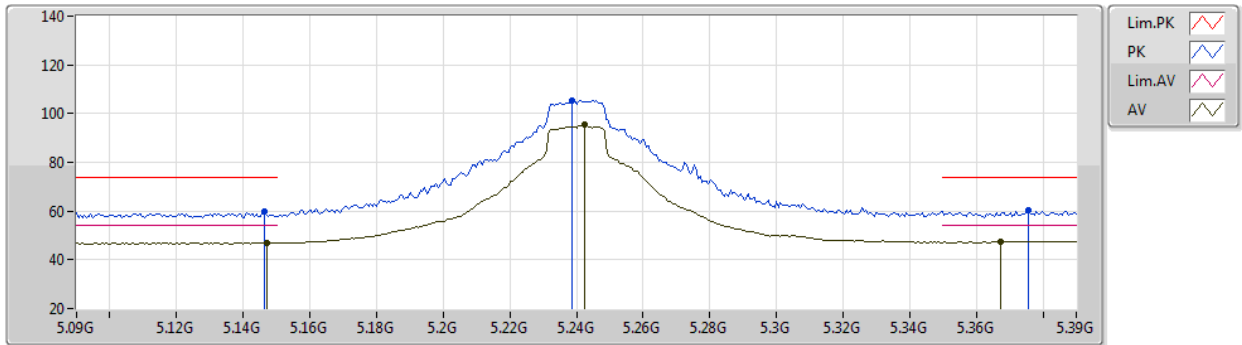
EUT Y_1TX Ant 2
Setting 92
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	67.53	74.00	-6.47	59.84	3	Vertical	353	1.74	-	33.45	5.97	31.73
AV	5.147G	51.27	54.00	-2.73	43.58	3	Vertical	353	1.74	-	33.45	5.97	31.73
PK	5.2388G	118.94	Inf	-Inf	111.00	3	Vertical	353	1.74	-	33.58	6.02	31.66
AV	5.2424G	108.87	Inf	-Inf	100.93	3	Vertical	353	1.74	-	33.58	6.02	31.66
PK	5.35G	65.88	74.00	-8.12	57.63	3	Vertical	353	1.74	-	33.75	6.08	31.58
AV	5.3516G	50.06	54.00	-3.94	41.81	3	Vertical	353	1.74	-	33.75	6.08	31.58

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5240MHz_TX



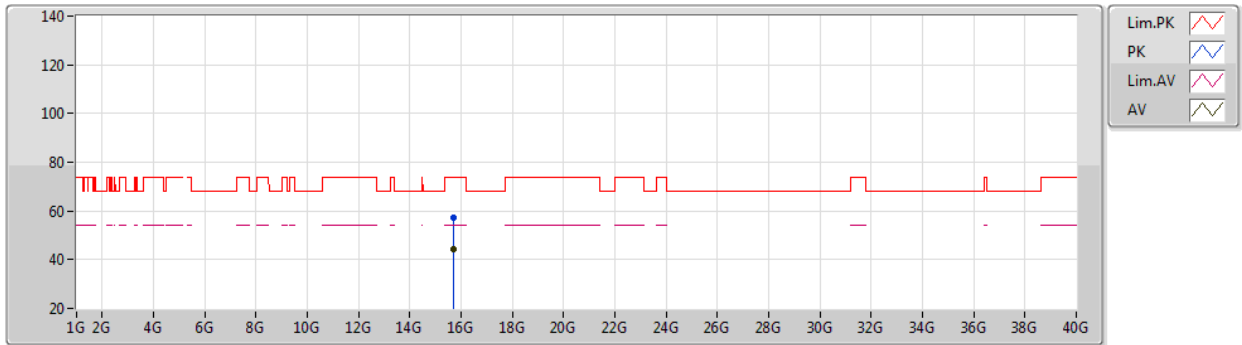
EUT Y_1TX Ant 2
Setting 92
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1464G	59.76	74.00	-14.24	52.07	3	Horizontal	342	1.81	-	33.45	5.97	31.73
AV	5.147G	46.88	54.00	-7.12	39.19	3	Horizontal	342	1.81	-	33.45	5.97	31.73
PK	5.2388G	105.32	Inf	-Inf	97.38	3	Horizontal	342	1.81	-	33.58	6.02	31.66
AV	5.2424G	95.32	Inf	-Inf	87.38	3	Horizontal	342	1.81	-	33.58	6.02	31.66
PK	5.3756G	60.43	74.00	-13.57	52.13	3	Horizontal	342	1.81	-	33.78	6.09	31.57
AV	5.3672G	47.53	54.00	-6.47	39.25	3	Horizontal	342	1.81	-	33.77	6.08	31.57

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5240MHz_TX



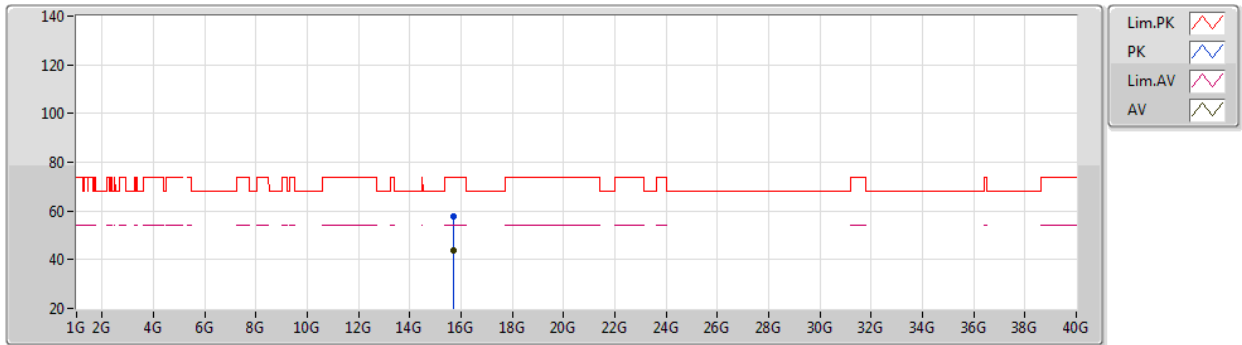
EUT Y_1TX Ant 2
Setting 92
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.72532G	57.47	74.00	-16.53	42.83	3	Vertical	193	2.63	-	38.20	9.31	32.87
AV	15.7162G	44.25	54.00	-9.75	29.59	3	Vertical	193	2.63	-	38.22	9.31	32.87

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5240MHz_TX



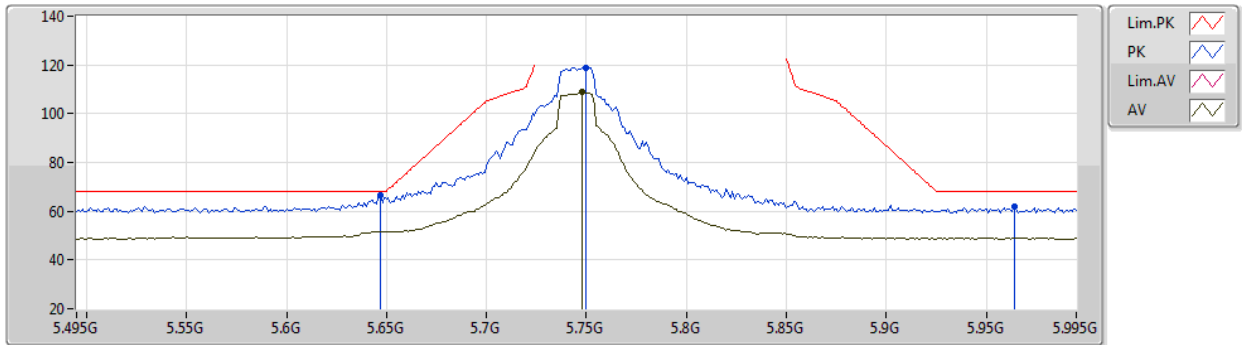
EUT Y_1TX Ant 2
Setting 92
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.72388G	57.69	74.00	-16.31	43.05	3	Horizontal	158	2.86	-	38.20	9.31	32.87
AV	15.7148G	43.86	54.00	-10.14	29.19	3	Horizontal	158	2.86	-	38.23	9.31	32.87

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5745MHz_TX



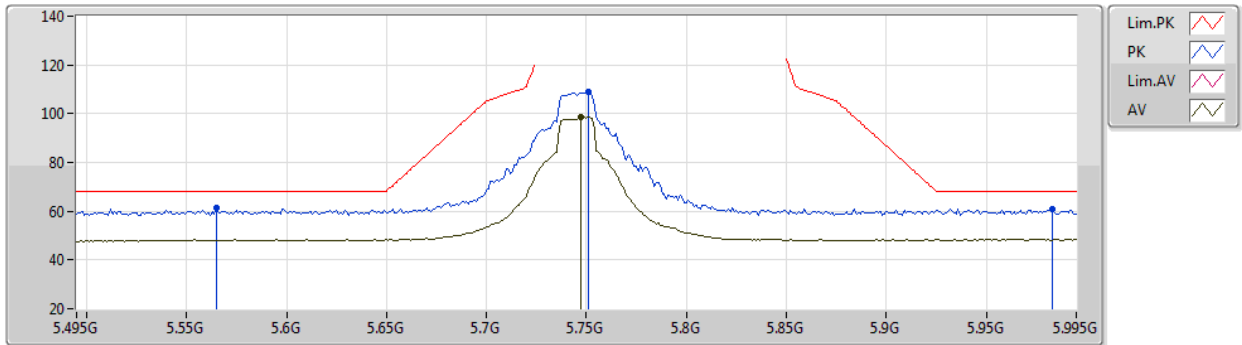
EUT Y_1TX Ant 2
Setting 88
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.647G	66.76	68.20	-1.44	58.06	3	Vertical	0	1.44	-	33.85	6.32	31.47
PK	5.75G	118.85	Inf	-Inf	110.14	3	Vertical	0	1.44	-	33.80	6.37	31.46
AV	5.748G	108.82	Inf	-Inf	100.11	3	Vertical	0	1.44	-	33.80	6.37	31.46
PK	5.964G	61.68	68.20	-6.52	52.65	3	Vertical	0	1.44	-	34.16	6.32	31.45

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5745MHz_TX



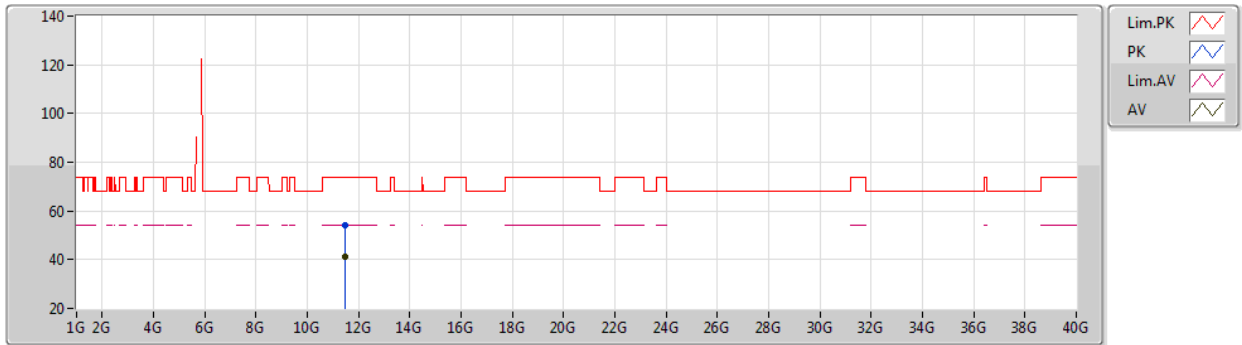
EUT Y_1TX Ant 2
Setting 88
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.565G	61.29	68.20	-6.91	52.59	3	Horizontal	342	1.61	-	33.90	6.27	31.47
PK	5.751G	109.19	Inf	-Inf	100.47	3	Horizontal	342	1.61	-	33.80	6.38	31.46
AV	5.747G	98.69	Inf	-Inf	89.98	3	Horizontal	342	1.61	-	33.80	6.37	31.46
PK	5.983G	60.73	68.20	-7.47	51.69	3	Horizontal	342	1.61	-	34.18	6.31	31.45

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5745MHz_TX



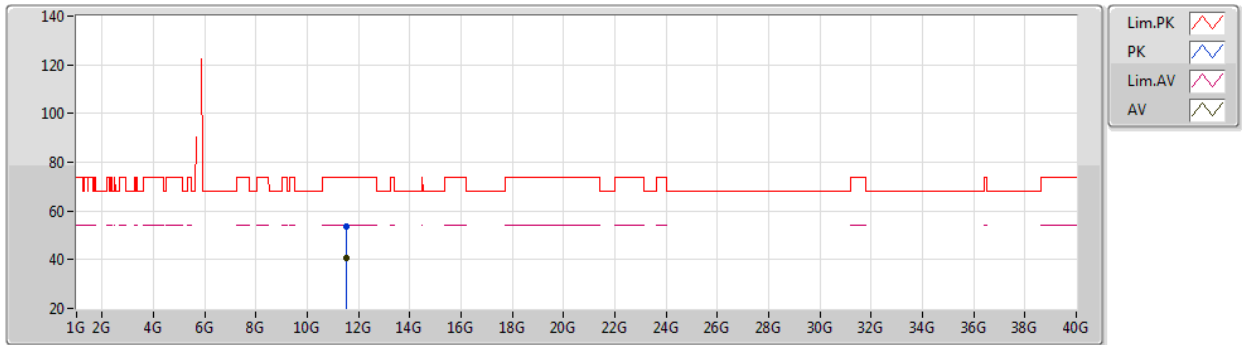
EUT V_1TX Ant 2
Setting 88
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
AV	11.4624G	40.95	54.00	-13.05	26.08	3	Vertical	235	2.78	-	38.87	8.84	32.84
PK	11.4956G	53.89	74.00	-20.11	38.99	3	Vertical	235	2.78	-	38.90	8.85	32.85

802.11a_Nss1,(6Mbps)_1TX

06/10/2020

5745MHz_TX



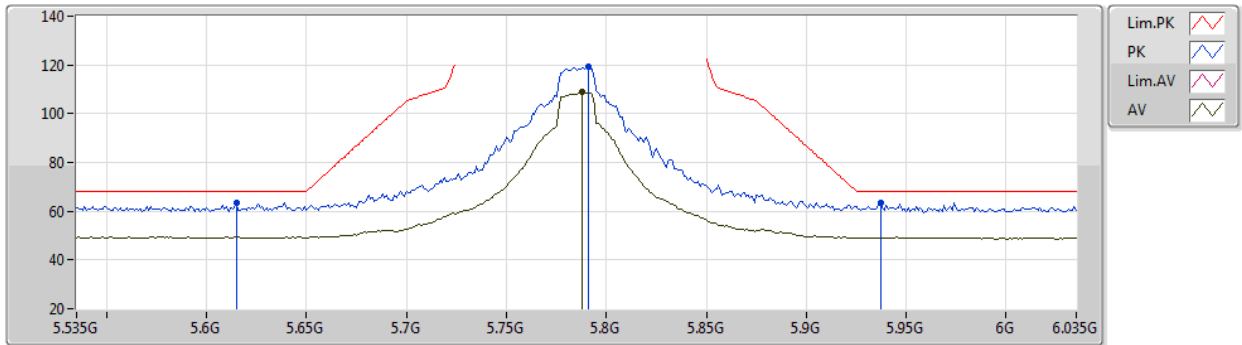
EUT Y_1TX Ant 2
Setting 88
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.504G	53.69	74.00	-20.31	38.78	3	Horizontal	95	1.68	-	38.90	8.86	32.85
AV	11.5066G	40.93	54.00	-13.07	26.01	3	Horizontal	95	1.68	-	38.91	8.86	32.85

802.11a_Nss1,(6Mbps)_1TX

30/09/2020

5785MHz_TX



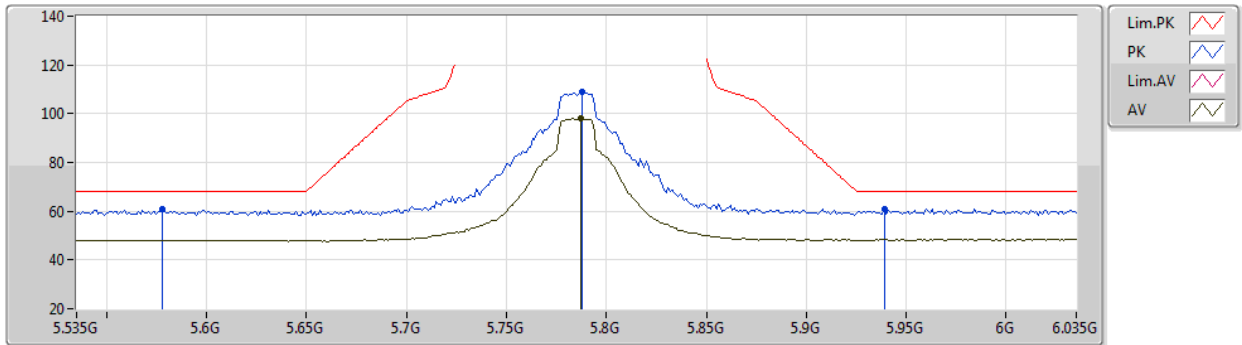
EUT Y_1TX Ant 2
Setting 89
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.615G	63.56	68.20	-4.64	54.84	3	Vertical	360	1.47	-	33.88	6.31	31.47
PK	5.791G	119.29	Inf	-Inf	110.55	3	Vertical	360	1.47	-	33.80	6.40	31.46
AV	5.788G	108.84	Inf	-Inf	100.11	3	Vertical	360	1.47	-	33.80	6.39	31.46
PK	5.937G	63.40	68.20	-4.80	54.38	3	Vertical	360	1.47	-	34.14	6.33	31.45

802.11a_Nss1,(6Mbps)_1TX

30/09/2020

5785MHz_TX



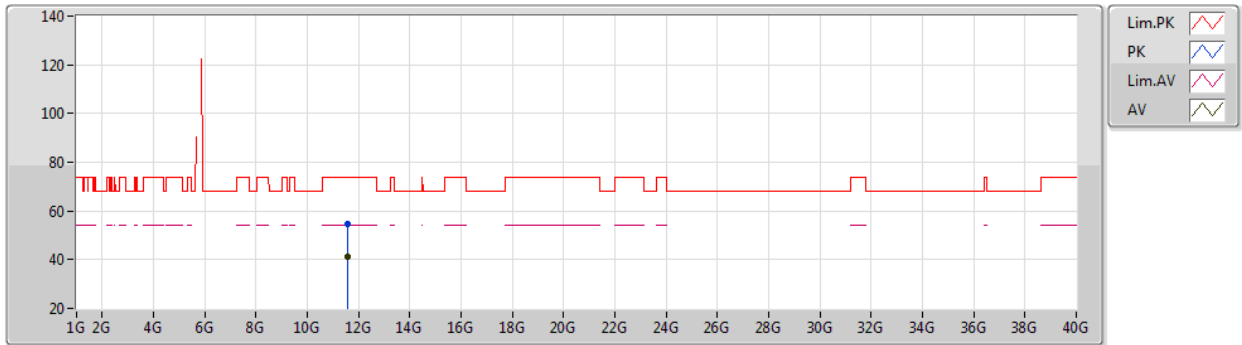
EUT Y_1TX Ant 2
Setting 89
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.578G	61.04	68.20	-7.16	52.33	3	Horizontal	340	1.66	-	33.90	6.28	31.47
PK	5.788G	108.74	Inf	-Inf	100.01	3	Horizontal	340	1.66	-	33.80	6.39	31.46
AV	5.787G	98.33	Inf	-Inf	89.60	3	Horizontal	340	1.66	-	33.80	6.39	31.46
PK	5.939G	61.01	68.20	-7.19	51.99	3	Horizontal	340	1.66	-	34.14	6.33	31.45

802.11a_Nss1,(6Mbps)_1TX

30/09/2020

5785MHz_TX



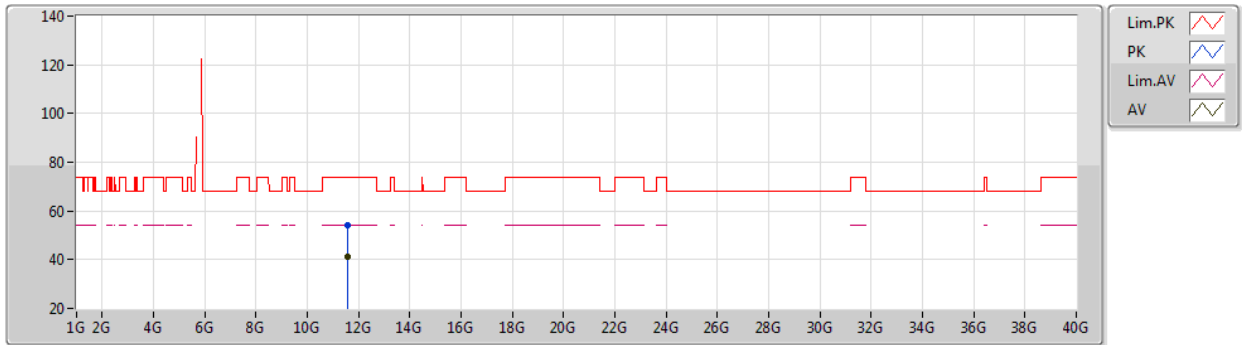
EUT Y_1TX Ant 2
Setting 89
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57004G	54.42	74.00	-19.58	39.44	3	Vertical	343	1.27	-	38.96	8.88	32.86
AV	11.57068G	41.39	54.00	-12.61	26.41	3	Vertical	343	1.27	-	38.96	8.88	32.86

802.11a_Nss1,(6Mbps)_1TX

30/09/2020

5785MHz_TX



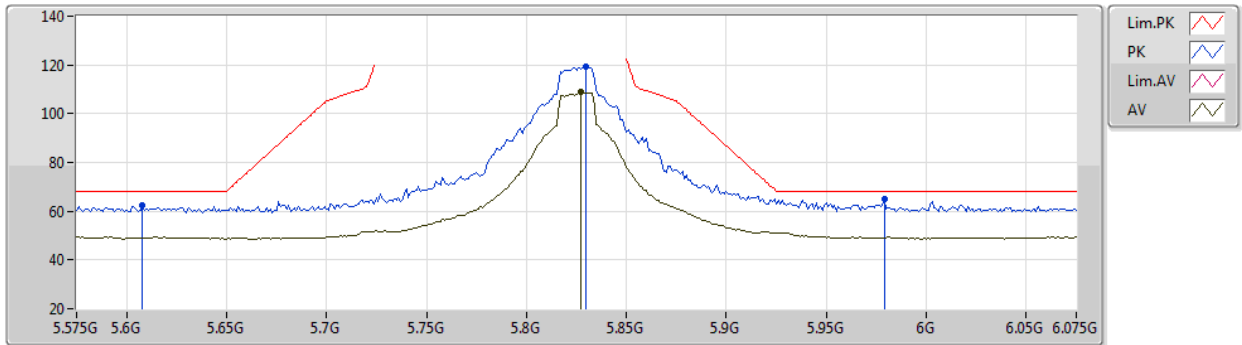
EUT V_1TX Ant 2
Setting 89
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.57336G	54.19	74.00	-19.81	39.21	3	Horizontal	80	1.27	-	38.96	8.88	32.86
AV	11.57392G	41.19	54.00	-12.81	26.21	3	Horizontal	80	1.27	-	38.96	8.88	32.86

802.11a_Nss1,(6Mbps)_1TX

30/09/2020

5825MHz_TX



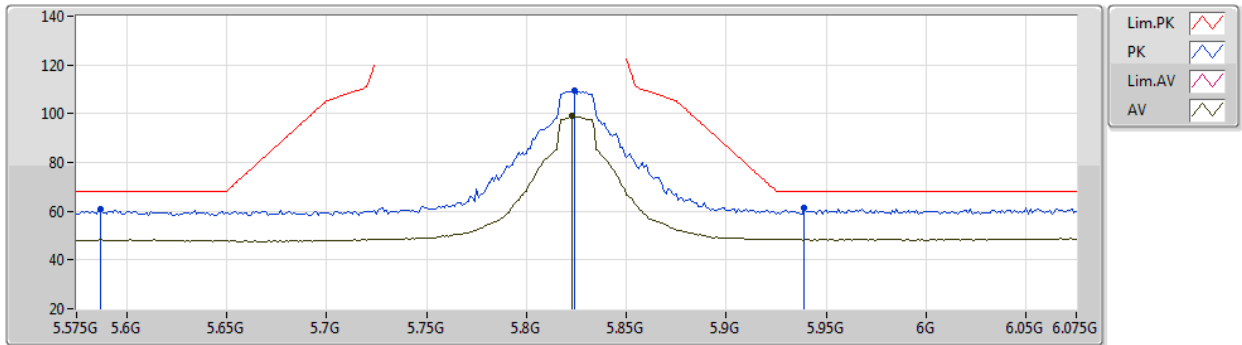
EUT Y_1TX Ant 2
Setting 89
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.608G	62.22	68.20	-5.98	53.50	3	Vertical	0	1.47	-	33.89	6.30	31.47
PK	5.83G	119.28	Inf	-Inf	110.46	3	Vertical	0	1.47	-	33.89	6.39	31.46
AV	5.827G	108.83	Inf	-Inf	100.02	3	Vertical	0	1.47	-	33.88	6.39	31.46
PK	5.979G	65.12	68.20	-3.08	56.08	3	Vertical	0	1.47	-	34.18	6.31	31.45

802.11a_Nss1,(6Mbps)_1TX

30/09/2020

5825MHz_TX



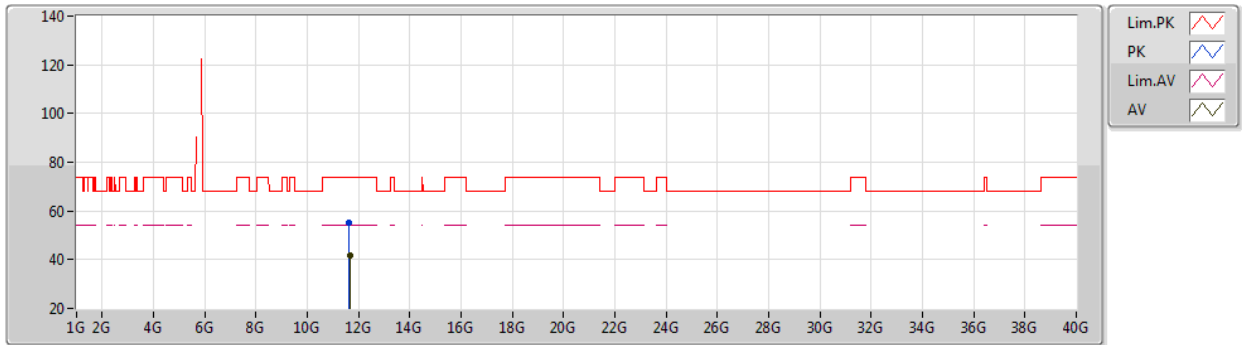
EUT Y_1TX Ant 2
Setting 89
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.587G	60.73	68.20	-7.47	52.01	3	Horizontal	351	1.24	-	33.90	6.29	31.47
PK	5.824G	109.48	Inf	-Inf	100.68	3	Horizontal	351	1.24	-	33.87	6.39	31.46
AV	5.823G	99.01	Inf	-Inf	90.21	3	Horizontal	351	1.24	-	33.87	6.39	31.46
PK	5.939G	61.46	68.20	-6.74	52.44	3	Horizontal	351	1.24	-	34.14	6.33	31.45

802.11a_Nss1,(6Mbps)_1TX

30/09/2020

5825MHz_TX



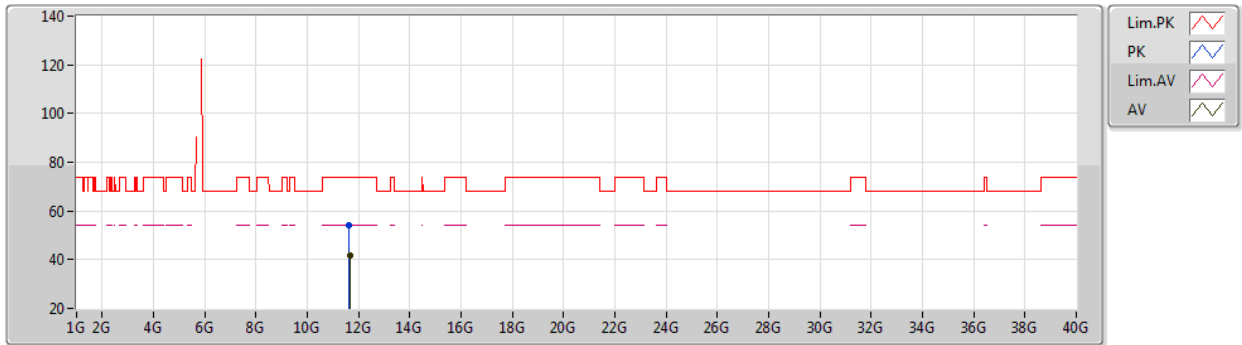
EUT V_1TX Ant 2
Setting 89
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64488G	55.06	74.00	-18.94	40.02	3	Vertical	100	1.89	-	39.02	8.90	32.88
AV	11.65088G	41.74	54.00	-12.26	26.70	3	Vertical	100	1.89	-	39.02	8.90	32.88

802.11a_Nss1,(6Mbps)_1TX

30/09/2020

5825MHz_TX



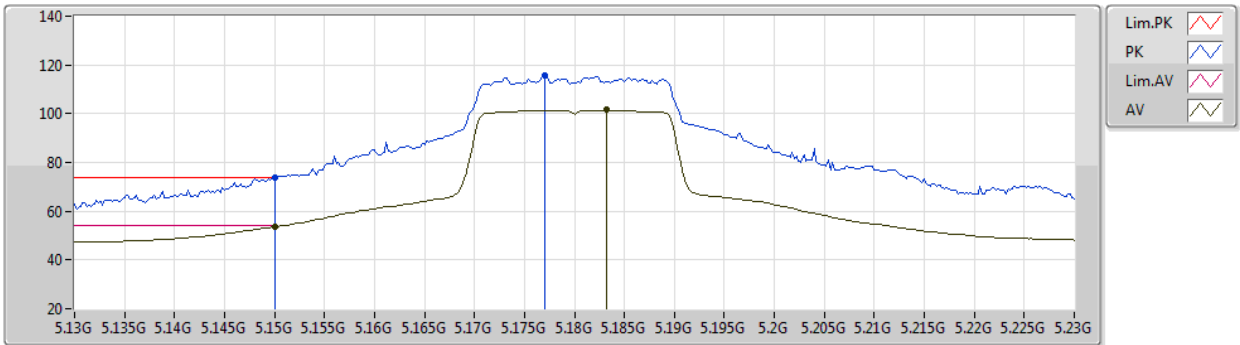
EUT V_1TX Ant 2
Setting 89
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.64216G	54.23	74.00	-19.77	39.20	3	Horizontal	284	1.75	-	39.01	8.90	32.88
AV	11.64828G	41.58	54.00	-12.42	26.54	3	Horizontal	284	1.75	-	39.02	8.90	32.88

802.11ax HEW20_Nss1,(MCS0)_1TX

06/10/2020

5180MHz_TX



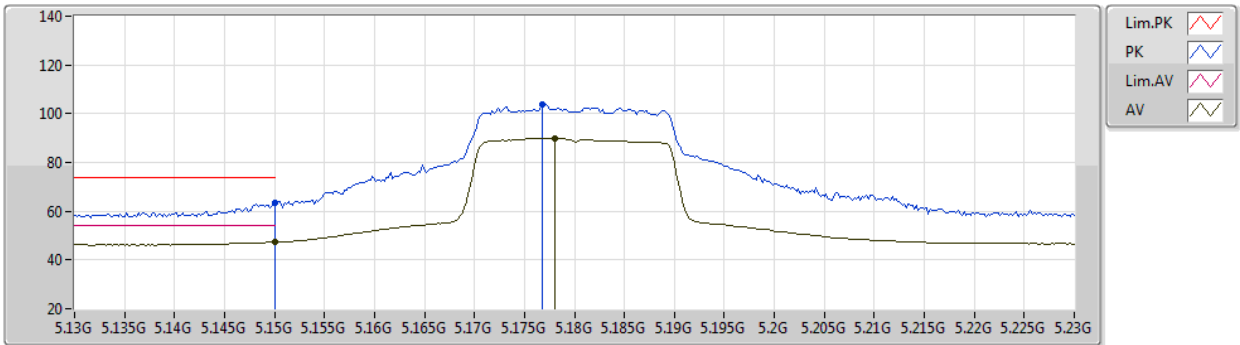
EUT Y_1TX Ant 2
Setting 69
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	73.58	74.00	-0.42	65.89	3	Vertical	0	1.59	-	33.45	5.97	31.73
AV	5.15G	53.51	54.00	-0.49	45.82	3	Vertical	0	1.59	-	33.45	5.97	31.73
PK	5.177G	115.62	Inf	-Inf	107.86	3	Vertical	0	1.59	-	33.48	5.99	31.71
AV	5.1832G	101.47	Inf	-Inf	93.70	3	Vertical	0	1.59	-	33.48	5.99	31.70

802.11ax HEW20_Nss1,(MCS0)_1TX

06/10/2020

5180MHz_TX



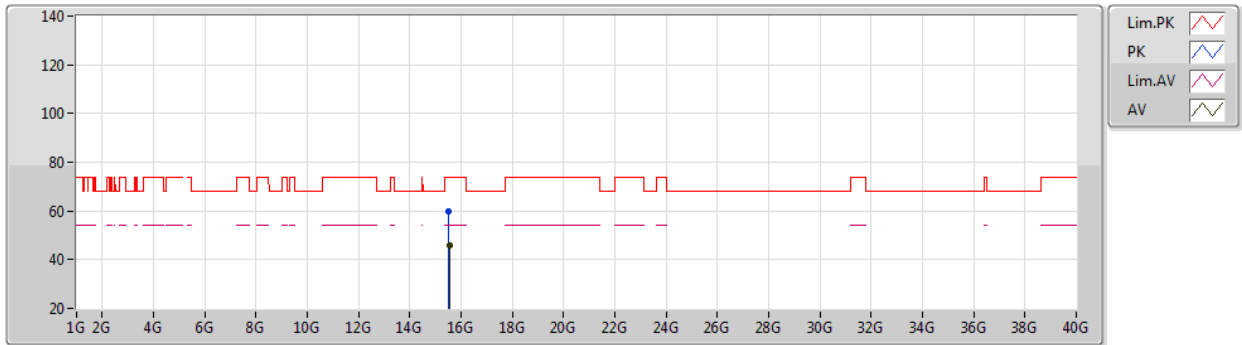
EUT Y_1TX Ant 2
Setting 69
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	63.69	74.00	-10.31	56.00	3	Horizontal	348	2.07	-	33.45	5.97	31.73
AV	5.15G	47.33	54.00	-6.67	39.64	3	Horizontal	348	2.07	-	33.45	5.97	31.73
PK	5.1768G	103.89	Inf	-Inf	96.13	3	Horizontal	348	2.07	-	33.48	5.99	31.71
AV	5.178G	89.79	Inf	-Inf	82.03	3	Horizontal	348	2.07	-	33.48	5.99	31.71

802.11ax HEW20_Nss1,(MCS0)_1TX

06/10/2020

5180MHz_TX



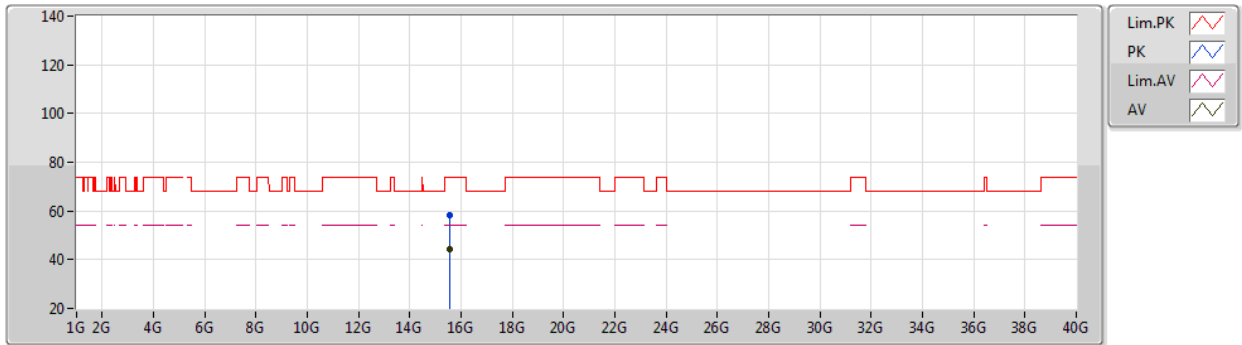
EUT Y_1TX Ant 2
Setting 69
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.52932G	59.63	74.00	-14.37	44.49	3	Vertical	330	1.66	-	38.76	9.24	32.86
AV	15.54006G	45.80	54.00	-8.20	30.68	3	Vertical	330	1.66	-	38.73	9.25	32.86

802.11ax HEW20_Nss1,(MCS0)_1TX

06/10/2020

5180MHz_TX



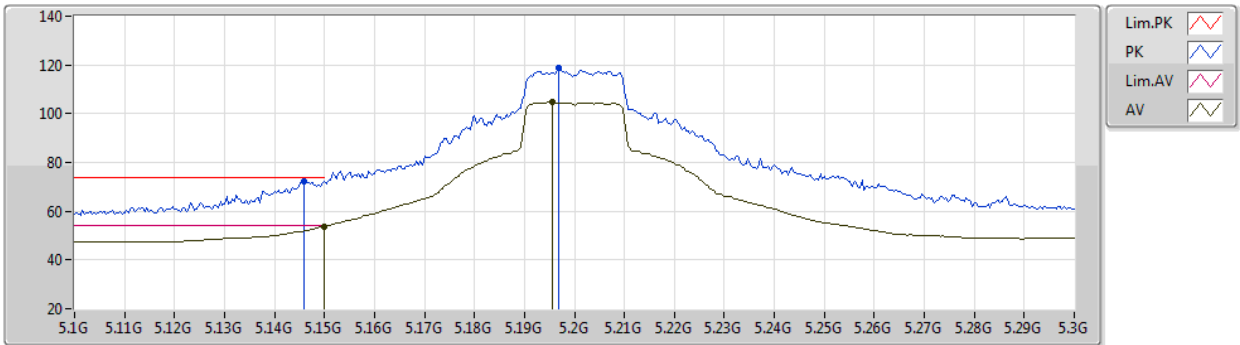
EUT Y_1TX Ant 2
Setting 69
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.54432G	58.49	74.00	-15.51	43.38	3	Horizontal	3	1.89	-	38.72	9.25	32.86
AV	15.53388G	44.49	54.00	-9.51	29.35	3	Horizontal	3	1.89	-	38.75	9.25	32.86

802.11ax HEW20_Nss1,(MCS0)_1TX

01/10/2020

5200MHz_TX



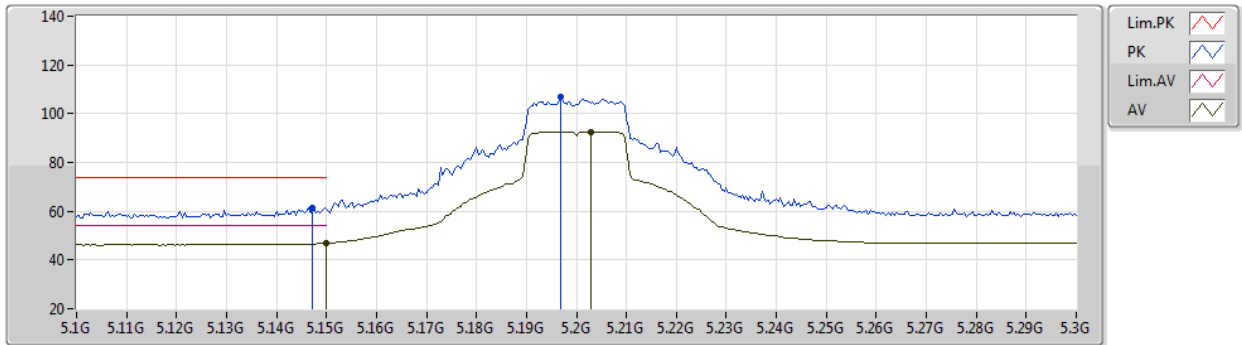
EUT Y_1TX Ant 2
Setting 82
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.146G	72.28	74.00	-1.72	64.59	3	Vertical	360	1.56	-	33.45	5.97	31.73
AV	5.15G	53.71	54.00	-0.29	46.02	3	Vertical	360	1.56	-	33.45	5.97	31.73
PK	5.1968G	119.02	Inf	-Inf	111.21	3	Vertical	360	1.56	-	33.50	6.00	31.69
AV	5.1956G	104.57	Inf	-Inf	96.76	3	Vertical	360	1.56	-	33.50	6.00	31.69

802.11ax HEW20_Nss1,(MCS0)_1TX

01/10/2020

5200MHz_TX



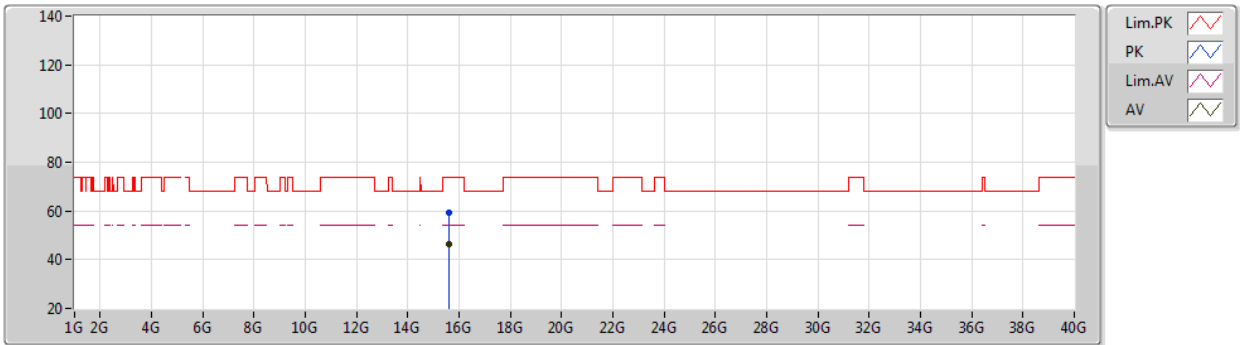
EUT Y_1TX Ant 2
Setting 82
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1472G	61.55	74.00	-12.45	53.86	3	Horizontal	348	2.04	-	33.45	5.97	31.73
AV	5.15G	46.86	54.00	-7.14	39.17	3	Horizontal	348	2.04	-	33.45	5.97	31.73
PK	5.1968G	106.81	Inf	-Inf	99.00	3	Horizontal	348	2.04	-	33.50	6.00	31.69
AV	5.2028G	92.63	Inf	-Inf	84.81	3	Horizontal	348	2.04	-	33.51	6.00	31.69

802.11ax HEW20_Nss1,(MCS0)_1TX

01/10/2020

5200MHz_TX



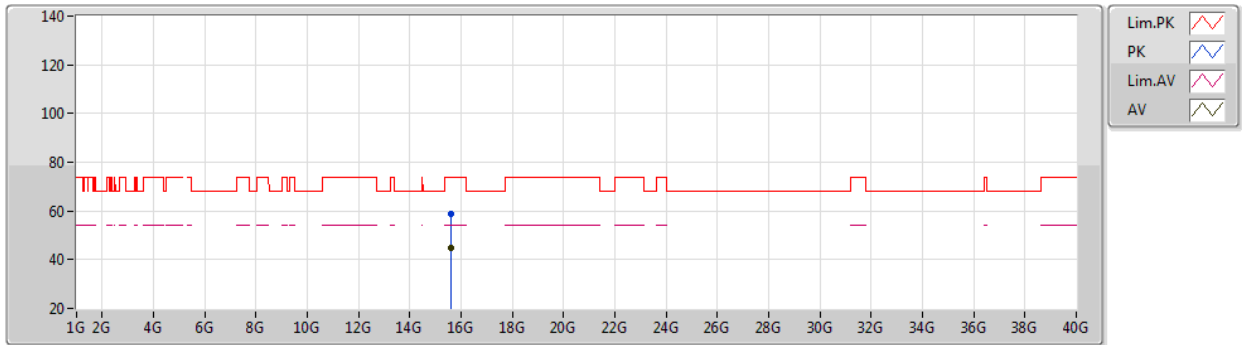
EUT Y_1TX Ant 2
Setting 82
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.5904G	59.08	74.00	-14.92	44.09	3	Vertical	228	1.85	-	38.59	9.26	32.86
AV	15.59796G	46.16	54.00	-7.84	31.18	3	Vertical	228	1.85	-	38.57	9.27	32.86

802.11ax HEW20_Nss1,(MCS0)_1TX

01/10/2020

5200MHz_TX



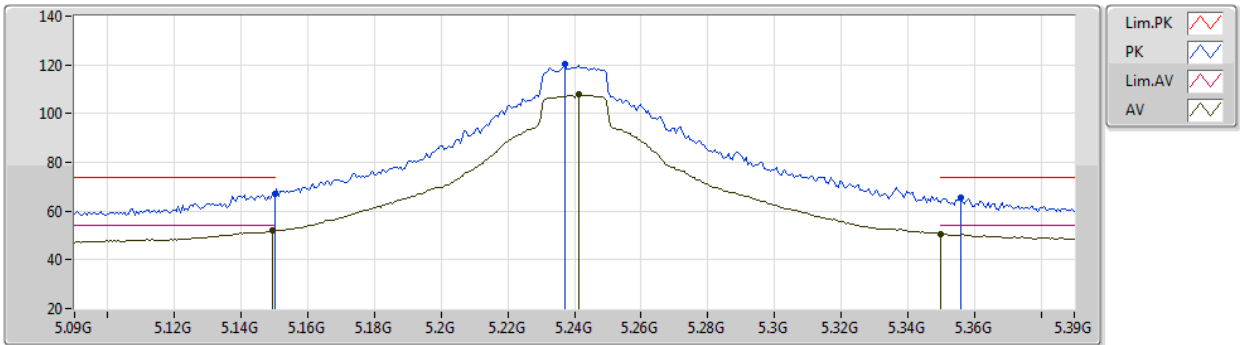
EUT V_1TX Ant 2
Setting 82
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.60138G	58.88	74.00	-15.12	43.91	3	Horizontal	17	1.98	-	38.56	9.27	32.86
AV	15.59472G	44.85	54.00	-9.15	29.86	3	Horizontal	17	1.98	-	38.58	9.27	32.86

802.11ax HEW20_Nss1,(MCS0)_1TX

02/10/2020

5240MHz_TX



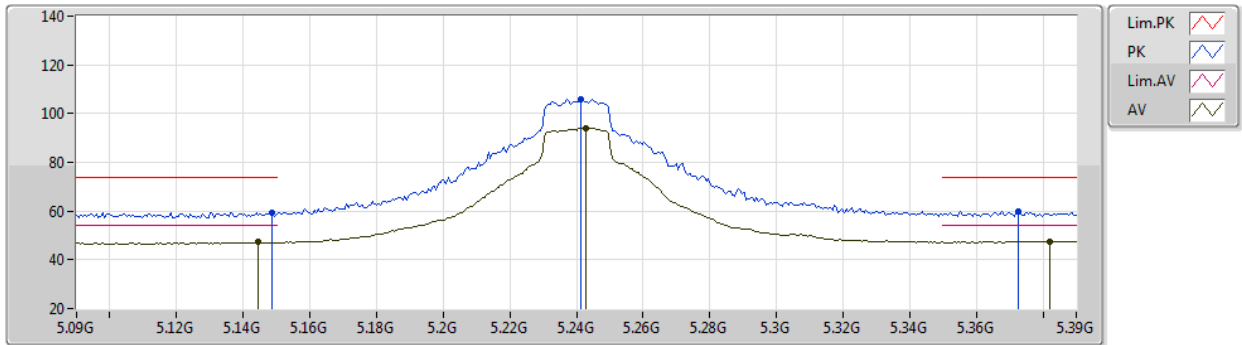
EUT Y_1TX Ant 2
Setting 91
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.15G	66.97	74.00	-7.03	59.28	3	Vertical	360	1.73	-	33.45	5.97	31.73
AV	5.1494G	51.84	54.00	-2.16	44.15	3	Vertical	360	1.73	-	33.45	5.97	31.73
PK	5.237G	120.35	Inf	-Inf	112.42	3	Vertical	360	1.73	-	33.57	6.02	31.66
AV	5.2412G	107.86	Inf	-Inf	99.92	3	Vertical	360	1.73	-	33.58	6.02	31.66
PK	5.3558G	65.59	74.00	-8.41	57.33	3	Vertical	360	1.73	-	33.76	6.08	31.58
AV	5.35G	50.50	54.00	-3.50	42.25	3	Vertical	360	1.73	-	33.75	6.08	31.58

802.11ax HEW20_Nss1,(MCS0)_1TX

02/10/2020

5240MHz_TX



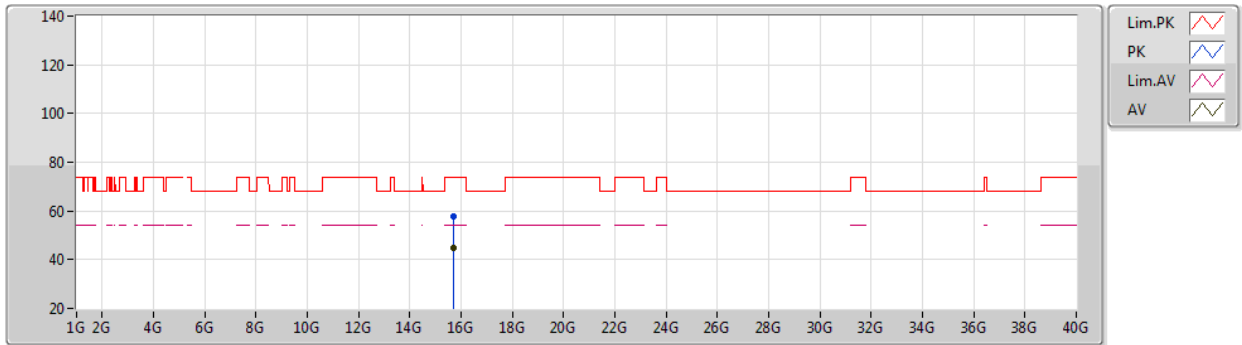
EUT Y_1TX Ant 2
Setting 91
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1488G	59.52	74.00	-14.48	51.83	3	Horizontal	341	1.82	-	33.45	5.97	31.73
AV	5.1446G	47.17	54.00	-6.83	39.49	3	Horizontal	341	1.82	-	33.44	5.97	31.73
PK	5.2412G	106.04	Inf	-Inf	98.10	3	Horizontal	341	1.82	-	33.58	6.02	31.66
AV	5.243G	94.05	Inf	-Inf	86.10	3	Horizontal	341	1.82	-	33.59	6.02	31.66
PK	5.3726G	59.70	74.00	-14.30	51.41	3	Horizontal	341	1.82	-	33.77	6.09	31.57
AV	5.3822G	47.57	54.00	-6.43	39.26	3	Horizontal	341	1.82	-	33.78	6.09	31.56

802.11ax HEW20_Nss1,(MCS0)_1TX

02/10/2020

5240MHz_TX



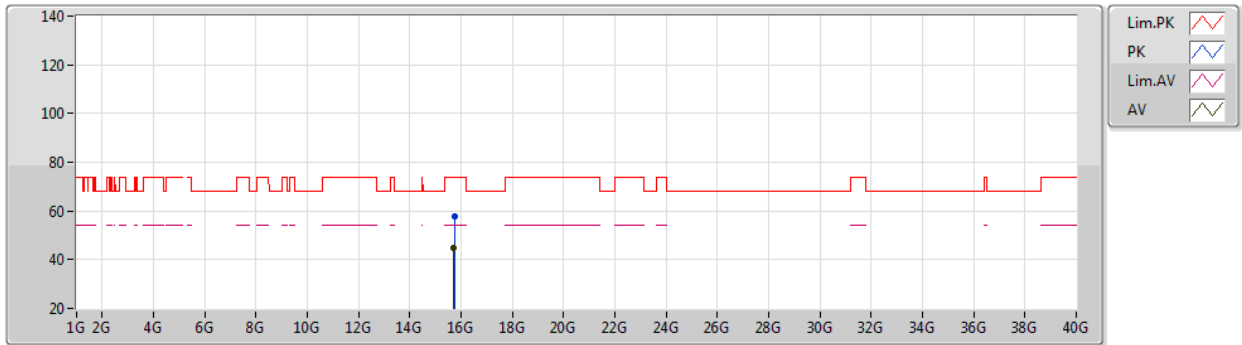
EUT Y_1TX Ant 2
Setting 91
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.71616G	57.65	74.00	-16.35	42.99	3	Vertical	272	2.13	-	38.22	9.31	32.87
AV	15.72516G	44.70	54.00	-9.30	30.06	3	Vertical	272	2.13	-	38.20	9.31	32.87

802.11ax HEW20_Nss1,(MCS0)_1TX

02/10/2020

5240MHz_TX



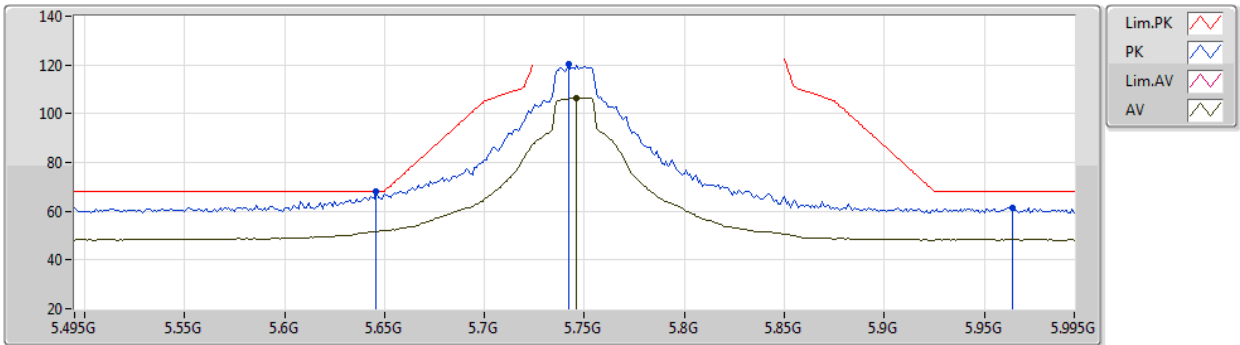
EUT Y_1TX Ant 2
Setting 91
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.73458G	57.54	74.00	-16.46	42.93	3	Horizontal	300	1.19	-	38.17	9.31	32.87
AV	15.71142G	44.66	54.00	-9.34	29.99	3	Horizontal	300	1.19	-	38.24	9.30	32.87

802.11ax HEW20_Nss1,(MCS0)_1TX

02/10/2020

5745MHz_TX



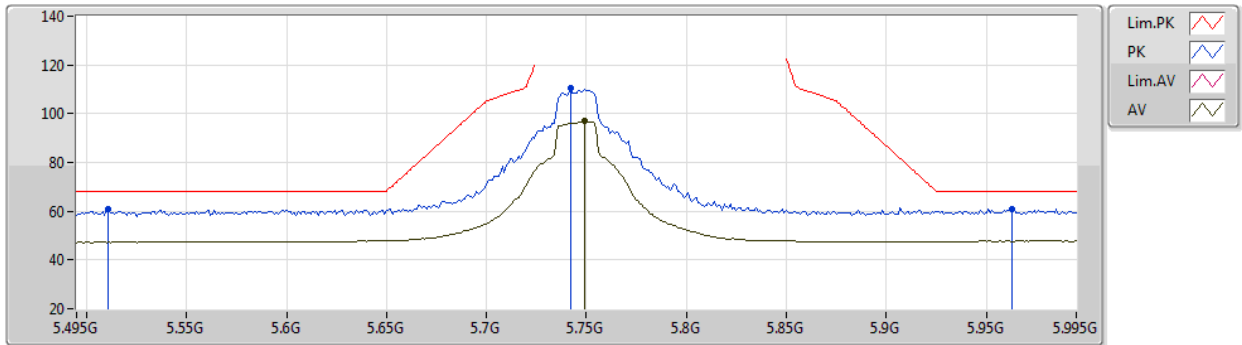
EUT Y_1TX Ant 2
Setting 88
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.646G	68.03	68.20	-0.17	59.33	3	Vertical	0	1.43	-	33.85	6.32	31.47
PK	5.742G	120.56	Inf	-Inf	111.85	3	Vertical	0	1.43	-	33.80	6.37	31.46
AV	5.746G	106.62	Inf	-Inf	97.91	3	Vertical	0	1.43	-	33.80	6.37	31.46
PK	5.964G	61.56	68.20	-6.64	52.53	3	Vertical	0	1.43	-	34.16	6.32	31.45

802.11ax HEW20_Nss1,(MCS0)_1TX

02/10/2020

5745MHz_TX



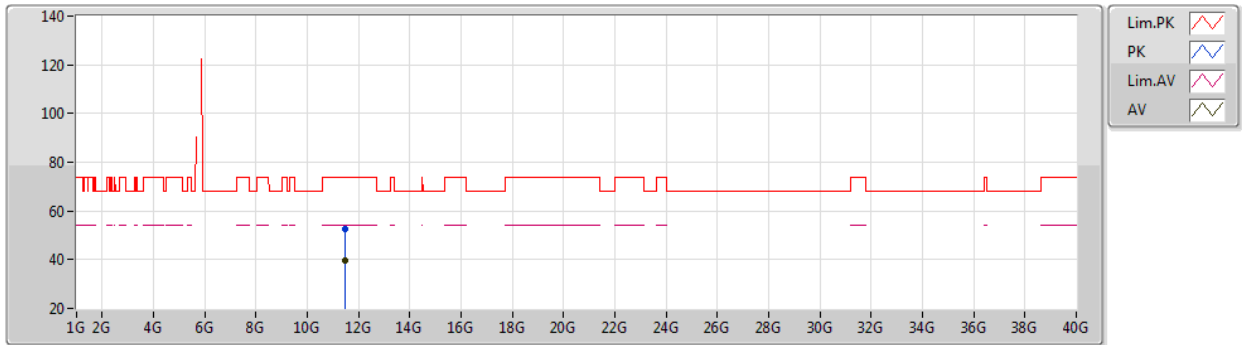
EUT Y_1TX Ant 2
Setting 88
02-E-K-4-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.511G	60.63	68.20	-7.57	51.98	3	Horizontal	343	1.60	-	33.90	6.22	31.47
PK	5.742G	110.42	Inf	-Inf	101.71	3	Horizontal	343	1.60	-	33.80	6.37	31.46
AV	5.749G	96.82	Inf	-Inf	88.11	3	Horizontal	343	1.60	-	33.80	6.37	31.46
PK	5.963G	60.89	68.20	-7.31	51.86	3	Horizontal	343	1.60	-	34.16	6.32	31.45

802.11ax HEW20_Nss1,(MCS0)_1TX

02/10/2020

5745MHz_TX



EUT V_1TX Ant 2
Setting 88
02-E-K-4

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.48918G	52.84	74.00	-21.16	37.95	3	Vertical	240	1.30	-	38.89	8.85	32.85
AV	11.4895G	39.56	54.00	-14.44	24.67	3	Vertical	240	1.30	-	38.89	8.85	32.85