

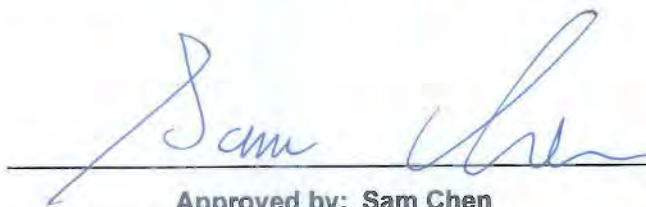


FCC RADIO TEST REPORT

FCC ID : UXX-S5A052A
Equipment : R1900-5GB
Brand Name : Cradlepoint
Model Name : S5A052A
Applicant : Cradlepoint, Inc.
1111 West Jefferson Street ,Boise ,Idaho ,United States 83702
Manufacturer : Cradlepoint, Inc.
1111 West Jefferson Street ,Boise ,Idaho ,United States 83702
Standard : 47 CFR FCC Part 15.407

The product was received on Nov. 05, 2020, and testing was started from Nov. 06, 2020 and completed on Jan. 23, 2021. 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 variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.



Approved by: Sam Chen

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



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

Declaration of Conformity:

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

Comments and Explanations:

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: Vicky Huang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20), ax (HEW20)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40), ax (HEW40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80), ax (HEW80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n (HT20)	20	2TX
5.25-5.35GHz	802.11n (HT20)-BF	20	2TX
5.25-5.35GHz	802.11ac (VHT20)	20	2TX
5.25-5.35GHz	802.11ac (VHT20)-BF	20	2TX
5.25-5.35GHz	802.11ax (HEW20)	20	2TX
5.25-5.35GHz	802.11ax (HEW20)-BF	20	2TX
5.25-5.35GHz	802.11n (HT40)	40	2TX
5.25-5.35GHz	802.11n (HT40)-BF	40	2TX
5.25-5.35GHz	802.11ac (VHT40)	40	2TX
5.25-5.35GHz	802.11ac (VHT40)-BF	40	2TX
5.25-5.35GHz	802.11ax (HEW40)	40	2TX
5.25-5.35GHz	802.11ax (HEW40)-BF	40	2TX
5.25-5.35GHz	802.11ac (VHT80)	80	2TX
5.25-5.35GHz	802.11ac (VHT80)-BF	80	2TX
5.25-5.35GHz	802.11ax (HEW80)	80	2TX
5.25-5.35GHz	802.11ax (HEW80)-BF	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n (HT20)	20	2TX
5.47-5.725GHz	802.11n (HT20)-BF	20	2TX
5.47-5.725GHz	802.11ac (VHT20)	20	2TX

Band	Mode	BWch (MHz)	Nant
5.47-5.725GHz	802.11ac (VHT20)-BF	20	2TX
5.47-5.725GHz	802.11ax (HEW20)	20	2TX
5.47-5.725GHz	802.11ax (HEW20)-BF	20	2TX
5.47-5.725GHz	802.11n (HT40)	40	2TX
5.47-5.725GHz	802.11n (HT40)-BF	40	2TX
5.47-5.725GHz	802.11ac (VHT40)	40	2TX
5.47-5.725GHz	802.11ac (VHT40)-BF	40	2TX
5.47-5.725GHz	802.11ax (HEW40)	40	2TX
5.47-5.725GHz	802.11ax (HEW40)-BF	40	2TX
5.47-5.725GHz	802.11ac (VHT80)	80	2TX
5.47-5.725GHz	802.11ac (VHT80)-BF	80	2TX
5.47-5.725GHz	802.11ax (HEW80)	80	2TX
5.47-5.725GHz	802.11ax (HEW80)-BF	80	2TX

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	Port	Function	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	WLAN	PANORAMA	LG-IN2445	Combination	RP-SMA	Note 1
	2						
	-	GPS					
	-	WWAN					
	-						
	-						
	-						
2	1	WLAN	Cradlepoint	Test antenna 1	Monopole	RP-SMA	Note 1
	2						
3	1	Bluetooth	Master Wave	98242MRSX011	Dipole	RP-SMA	Note 1



Note 1:

Set	Port	Gain (dBi)					Cable loss (dB)		True Gain (dBi)				
		2.4 GHz	5GHz B1	5GHz B2	5GHz B3	5GHz B4	2.4 GHz	5GHz	2.4 GHz	5GHz B1	5GHz B2	5GHz B3	5GHz B4
1	1	2.1	2.4	2.35	2.25	2	0.7	1.1	1.4	1.3	1.25	1.15	0.9
	2												
2	1	5.5069	5.8125	5.7725	5.7133	5.9957	0.7	1.1	4.8069	4.7125	4.6725	4.6133	4.8957
	2												

Set	GPS Gain (dB)
1	26

Set	Port	Gain (dBi)	Cable loss (dB)	True Gain (dBi)
		Bluetooth	Bluetooth	Bluetooth
3	1	2.16	0.7	1.46

Set	Brand	Frequency (GHz)	Gain (dBi)	Cable loss (dB)	True Gain (dBi)
1	2	1850-1920	0.25	0.42	-0.17
	4	1710-1785	0.05	0.42	-0.37
	5	807-862	0.80	0.28	0.52
	7	2496-2690	2.00	0.42	1.58
	12	699-714	0.15	0.25	-0.10
	13	777-787	0.85	0.25	0.60
	17	699-714	0.15	0.25	-0.10
	25	1850-1920	0.25	0.42	-0.17
	26	807-862	0.80	0.28	0.52
	30	2300-2400	1.50	0.42	1.08
	38	2496-2690	2.00	0.42	1.58
	41	2496-2690	2	0.42	1.58
	42	3300-3800	2.9	0.81	2.09
	48	3300-3800	2.9	0.81	2.09
	66	1710-1785	0.05	0.42	-0.37
	71	617-698	0.05	0.25	-0.20

Note: The above information was declared by manufacturer.

For 2.4GHz function:**For IEEE 802.11b/g/n/VHT/ax (2TX/2RX):**

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

Port 1 and Port 2 could transmit/receive simultaneously.



For 5GHz function:

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

For Bluetooth Function:

For Bluetooth mode (1TX/1RX)

Only Port 1 can be use as transmit and receive antenna.

1.1.3 Mode Test Duty Cycle

For Antenna Set 1:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.932	0.31	1.433m	1k
802.11ax HEW20	0.947	0.24	5.448m	300
802.11ax HEW20-BF	0.917	0.38	1.766m	1k
802.11ax HEW40	0.958	0.19	5.448m	300
802.11ax HEW40-BF	0.923	0.35	1.768m	1k
802.11ax HEW80	0.956	0.2	5.448m	300
802.11ax HEW80-BF	0.91	0.41	1.693m	1k

For Antenna Set 2:

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.932	0.31	1.433m	1k
802.11ax HEW20	0.947	0.24	5.448m	300
802.11ax HEW20-BF	0.92	0.36	1.765m	1k
802.11ax HEW40	0.958	0.19	5.448m	300
802.11ax HEW40-BF	0.931	0.31	1.765m	1k
802.11ax HEW80	0.956	0.2	5.448m	300
802.11ax HEW80-BF	0.91	0.41	1.689m	1k

Note:

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

**1.1.4 EUT Operational Condition**

EUT Power Type	From Adapter or DC PSE switch 6 pin or DC power 4 pin or DC power 8 pin			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
TPC Function	☒	With TPC	☐	Without TPC
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☒	Client
Test Software Version	non-beamforming mode: QSPR.exe Version 5.0-00188 beamforming mode: DOS [ver 6.1.7601]			

Note1: The above information was declared by manufacturer.

Note2: This device contains WWAN module FCC ID: N7NEM91

1.1.5 Table of WWAN Module Function

Brand Name	Model Name	FCC ID	IC	Function
Sierra	EM9190	N7NEM91	2417C-EM91	3G Band:2,4,5 4G Band:2,4,5,7,12,13,14,17,25,26,30,38,41,42,48,66,71 5G Band:n2,n5,n41,n66,n71 5G EN-DC Band: DC_5A_n2A,DC_12A_n2A,DC_2A_n5A,DC_7A_n5A,DC_30A_n5A,DC_66A_n5A,DC_2A_n41A,DC_66A_n41A, DC_5A_n66A,DC_12A_n66A,DC_13A_n66A,DC_2A_n71A,DC_7A_n71A,DC_66A_n71A

1.1.6 Table for Class III Change

This product is an extension of original one reported under Sporton project number: FR0N0310AB

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

Modifications	Performance Checking
1. Adding 5GHz Band 2 and Band 3 (5250~5350 MHz, 5470~5725 MHz) for this device.	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emissions above 1GHz
2. Adding Slave with Radar function for this device.	Do not effect the test results.

**1.1.7 Table for EUT Supports Functions**

Function	Support Type
AP Router	Master
Slave	Slave with radar
Slave	Slave without radar



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

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, Ln. 724, Bo'ai St., Zhubei 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 (°C / %)	Test Date
RF Conducted	TH02-CB	Brian Sun	23.6-24.9 / 55-59	Nov. 06, 2020~ Jan. 23, 2021
Radiated	03CH06-CB	KJ Chang	24.6-25.2 / 55-57	Nov. 11, 2020~ Jan. 21, 2021

Test site Designation No. TW3787 with FCC.

Conformity Assessment Body Identifier (CABID) TW3787 with ISCED.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	5.0 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	4.9 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	0.4%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Antenna Set 1:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	21
5300MHz	21
5320MHz	19.5
5500MHz	20.5
5580MHz	20.5
5700MHz	19.5
5720MHz Straddle 5.47-5.725GHz	20.5
5720MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	21
5300MHz	21
5320MHz	20
5500MHz	20.5
5580MHz	21
5700MHz	20
5720MHz Straddle 5.47-5.725GHz	20.5
5720MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	18.5
5510MHz	19
5550MHz	20.5
5670MHz	19
5710MHz Straddle 5.47-5.725GHz	20
5710MHz Straddle 5.725-5.85GHz	20
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	18.5
5530MHz	18.5
5610MHz	19.5
5690MHz Straddle 5.47-5.725GHz	20.5
5690MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	23
5300MHz	23



Mode	Power Setting
5320MHz	23
5500MHz	23
5580MHz	23
5700MHz	23
5720MHz Straddle 5.47-5.725GHz	23
5720MHz Straddle 5.725-5.85GHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	23
5310MHz	21
5510MHz	21
5550MHz	23
5670MHz	23
5710MHz Straddle 5.47-5.725GHz	23
5710MHz Straddle 5.725-5.85GHz	23
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	21
5530MHz	21
5610MHz	22
5690MHz Straddle 5.47-5.725GHz	23
5690MHz Straddle 5.725-5.85GHz	23



For Antenna Set 2:

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	19.5
5300MHz	20
5320MHz	18.5
5500MHz	19.5
5580MHz	19.5
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	20
5720MHz Straddle 5.725-5.85GHz	20
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5260MHz	20.5
5300MHz	21
5320MHz	19
5500MHz	19
5580MHz	20.5
5700MHz	18
5720MHz Straddle 5.47-5.725GHz	20.5
5720MHz Straddle 5.725-5.85GHz	20.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5270MHz	19.5
5310MHz	18
5510MHz	18
5550MHz	19.5
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	20
5710MHz Straddle 5.725-5.85GHz	20
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5290MHz	18
5530MHz	18
5610MHz	19
5690MHz Straddle 5.47-5.725GHz	18.5
5690MHz Straddle 5.725-5.85GHz	18.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5260MHz	21
5300MHz	22
5320MHz	23
5500MHz	22
5580MHz	22
5700MHz	19



Mode	Power Setting
5720MHz Straddle 5.47-5.725GHz	23
5720MHz Straddle 5.725-5.85GHz	23
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	17
5510MHz	19
5550MHz	19
5670MHz	18
5710MHz Straddle 5.47-5.725GHz	23
5710MHz Straddle 5.725-5.85GHz	23
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5290MHz	19
5530MHz	18
5610MHz	22
5690MHz Straddle 5.47-5.725GHz	22
5690MHz Straddle 5.725-5.85GHz	22

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 in 2.4GHz and n/ac/ax in 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	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains
1	Antenna Set 1
2	Antenna Set 2

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX
For antenna Set 1: The EUT was performed at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration. The antenna Set 1 was performed at Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. For antenna Set 2: The EUT was performed at X axis, Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Z axis. So the measurement will follow this same test configuration. The antenna Set 2 was performed at Y axis and Z axis position for Radiated emission above 1GHz test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.	
1	EUT at Y axis + Set 1 antenna Z axis
2	EUT at Z axis + Set 2 antenna Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz+WLAN 5GHz+Bluetooth+WWAN(WCDMA)
2	WLAN 2.4GHz+WLAN 5GHz+Bluetooth+WWAN(LTE)
3	WLAN 2.4GHz+WLAN 5GHz+Bluetooth+WWAN(5G)
Refer to Sporton Test Report No.: FA0N0310-02 for Co-location RF Exposure Evaluation.	

Note: The following support unit for measurement only, would not be marketed.

Support Unit	Brand Name	Model Name
Adapter 1	APD	WA-36N12R
Adapter 2	Ktec	KSA-36W-120300D5



Support Unit	Brand Name	Model Name
DC PSE switch	CradlePoint	SAQF-D2
DC power 6 pin (For DC PSE switch use)	NIEN-YI	NYS4652
DC power 8 pin	NIEN-YI	NYS4726

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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

The program was executed as follows:

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

2.4 Accessories

DC power cable 4 pin*1, non-shielded, 3m

2.5 Support Equipment

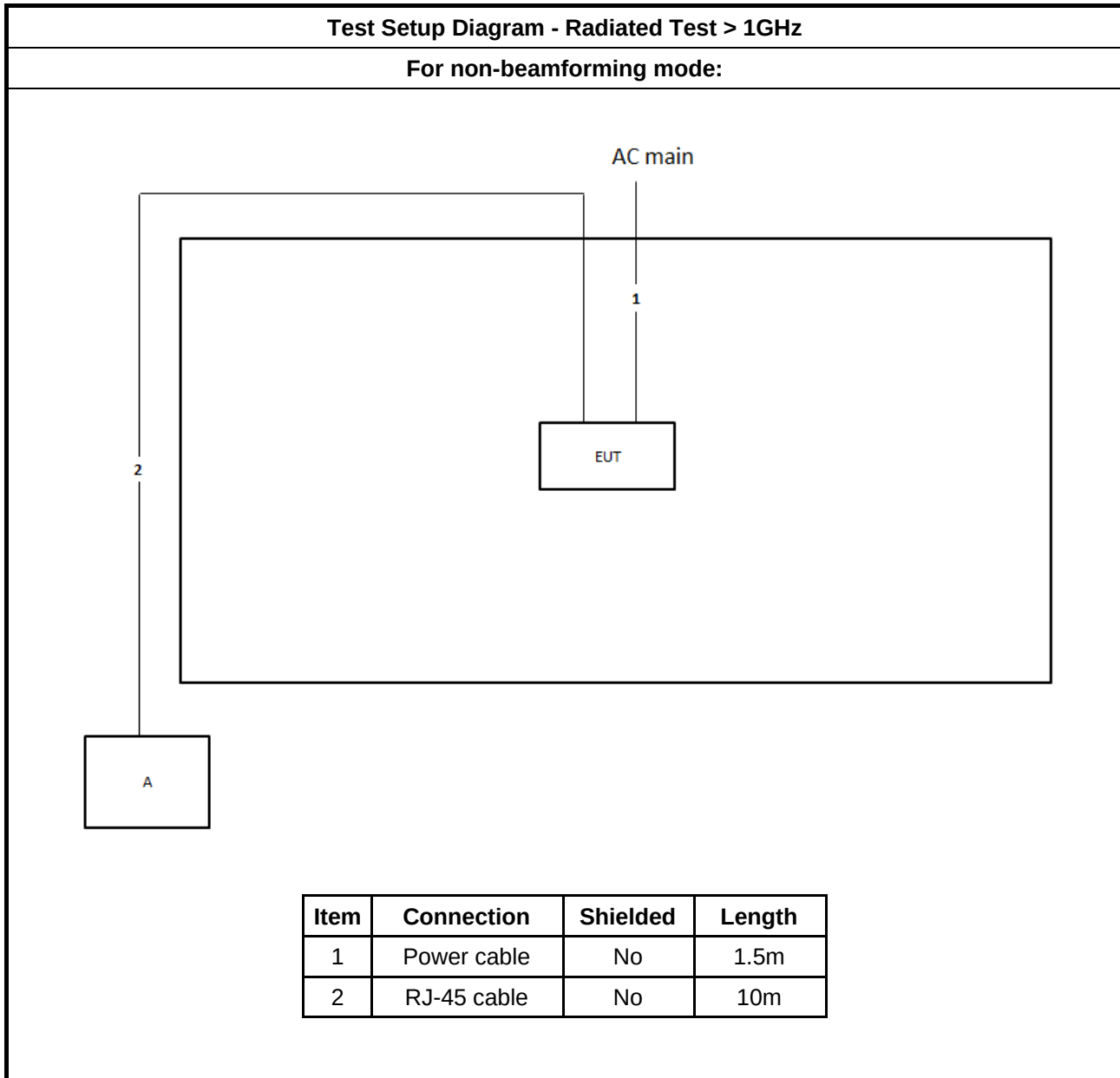
For non-beamforming mode:

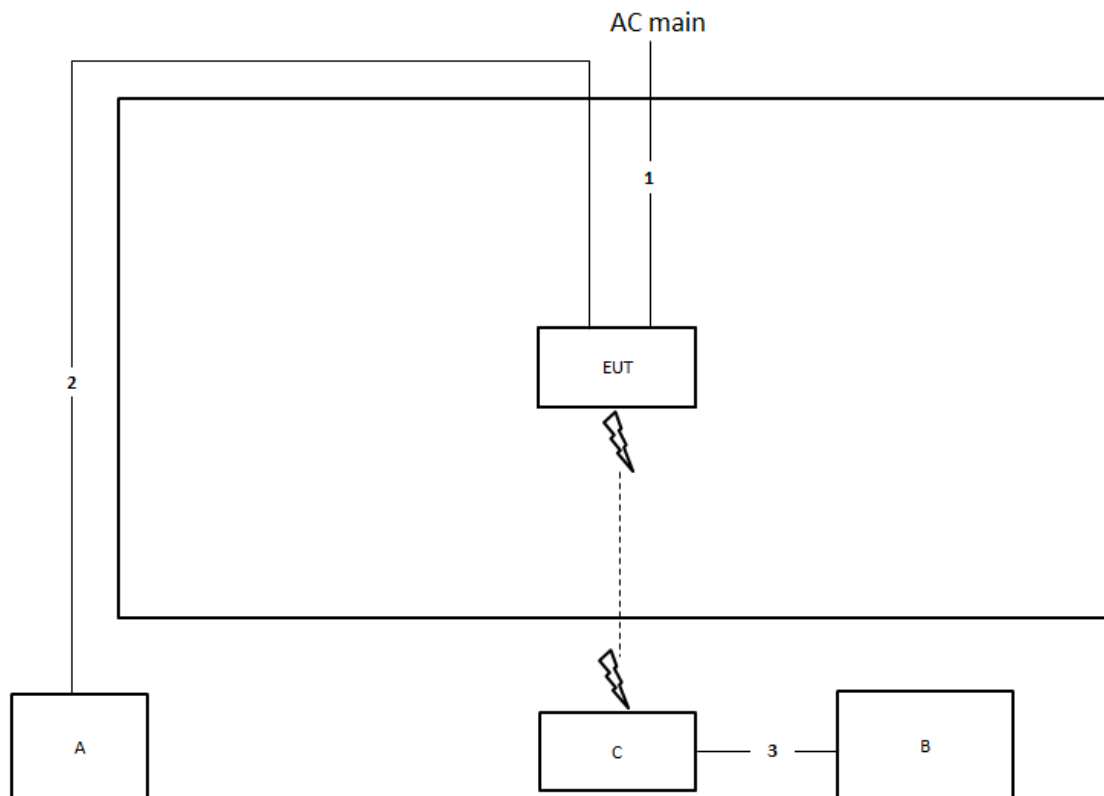
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	Adapter 1	APD	WA-36N12R	N/A

For beamforming mode:

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	WLAN AP	WNC	SAQF-D1	N/A
D	Adapter 1	APD	WA-36N12R	N/A

2.6 Test Setup Diagram



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 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

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

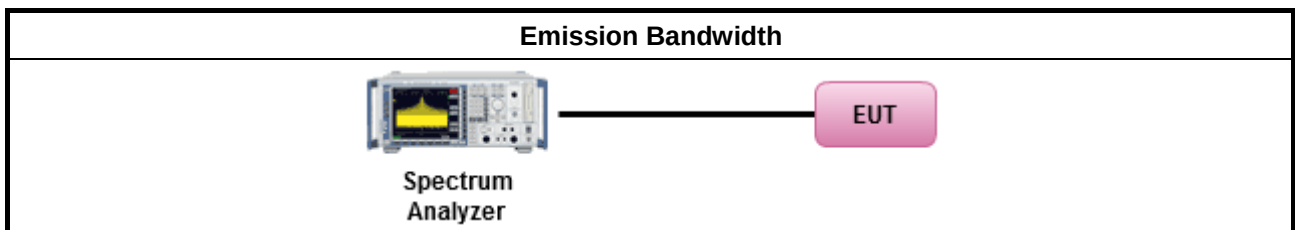
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup





3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

3.2.2 Measuring Instruments

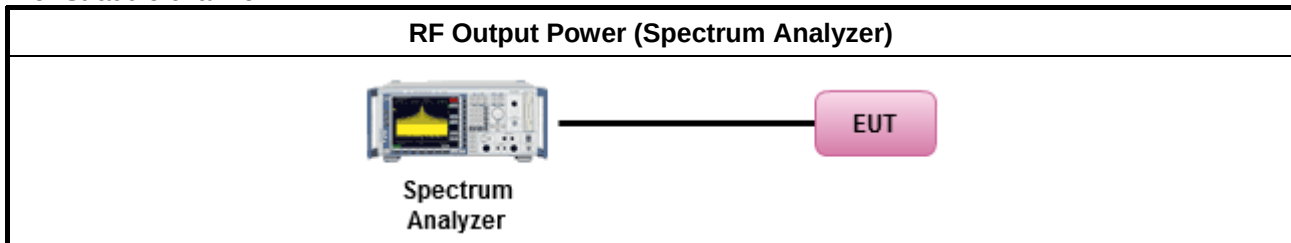
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

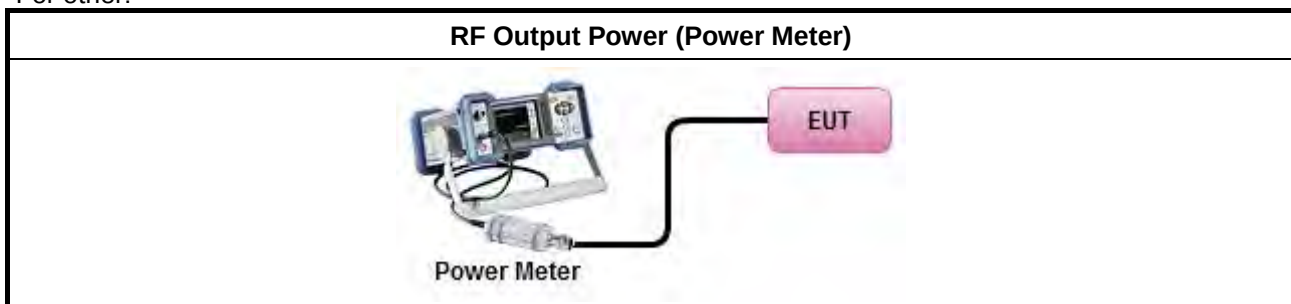
Test Method	
Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off 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]) $EIRP_{total} = P_{total} + DG$	

3.2.4 Test Setup

For Straddle channel:



For other:



3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B



3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

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

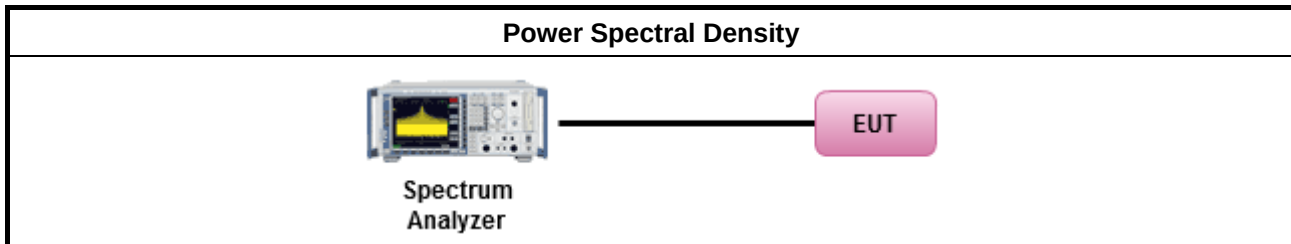
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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



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

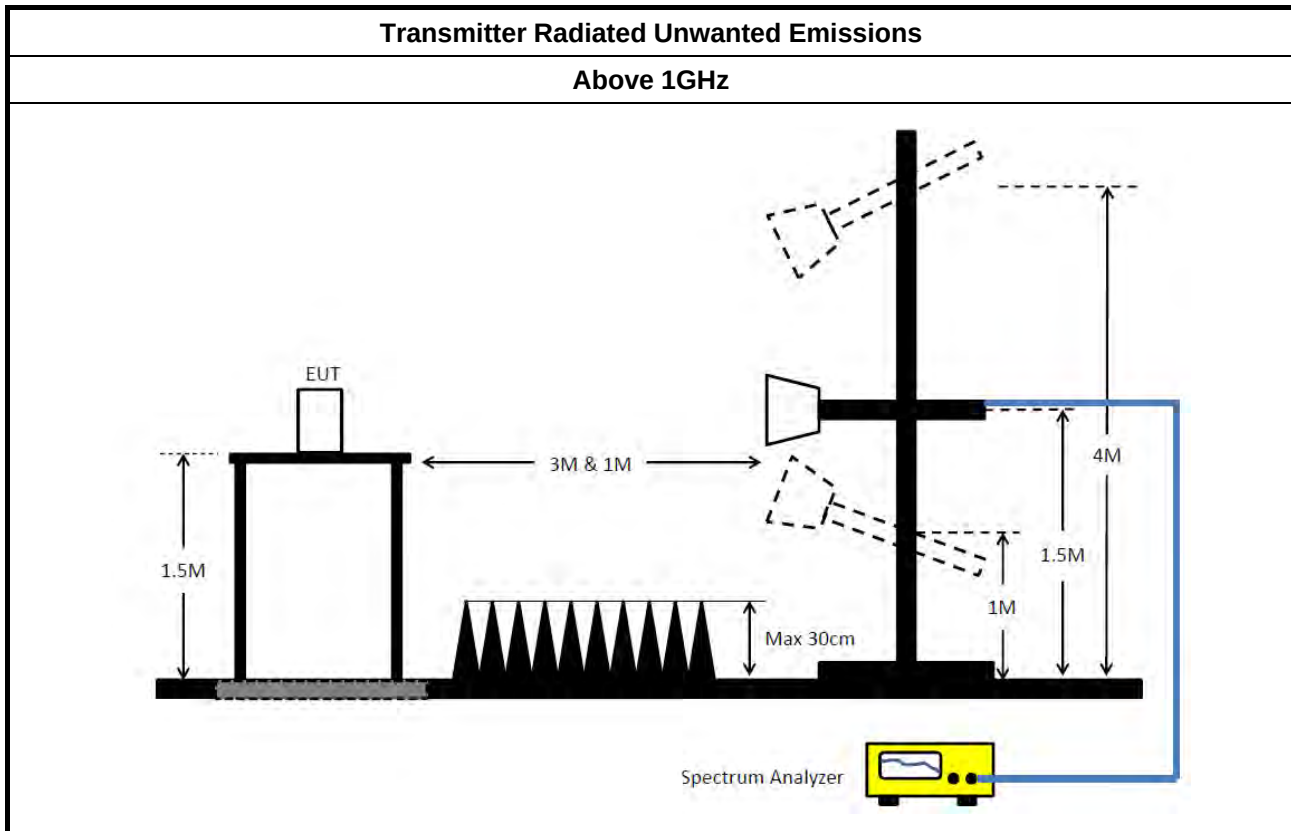
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup



3.4.5 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.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
3m Semi Anechoic Chamber VSWR	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)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 08, 2020	Jul. 07, 2021	Radiation (03CH06-CB)
Signal Analyzer	R&S	FSV40	101904	9kHz ~ 40GHz	May 12, 2020	May 11, 2021	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	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)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 27, 2020	Jul. 26, 2021	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 17, 2020	Sep. 16, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-03	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 18 GHz	Oct. 05, 2020	Oct. 04, 2021	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 18 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.

NCR means Non-Calibration required.

For non-beamforming mode:

For Set 1:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	37.56M	19.28M	19M3D1D	20.28M	16.402M
802.11ax HEW20_Nss1,(MCS0)_2TX	36.84M	19.34M	19M3D1D	21.87M	18.951M
802.11ax HEW40_Nss1,(MCS0)_2TX	57.06M	38.141M	38M1D1D	41.04M	37.721M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.32M	77.361M	77M4D1D	82.08M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.22M	16.672M	16M7D1D	17.798M	13.398M
802.11ax HEW20_Nss1,(MCS0)_2TX	36.84M	19.46M	19M5D1D	17.868M	14.553M
802.11ax HEW40_Nss1,(MCS0)_2TX	83.1M	39.16M	39M2D1D	41.16M	34.033M
802.11ax HEW80_Nss1,(MCS0)_2TX	112.065M	77.601M	77M6D1D	82.56M	73.976M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	9.325M	9M33D1D	3.105M	8.081M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.41M	7.481M	7M48D1D	4.365M	7.136M
802.11ax HEW40_Nss1,(MCS0)_2TX	3.99M	21.289M	21M3D1D	3.99M	21.079M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.035M	28.021M	28M0D1D	3.96M	27.826M

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

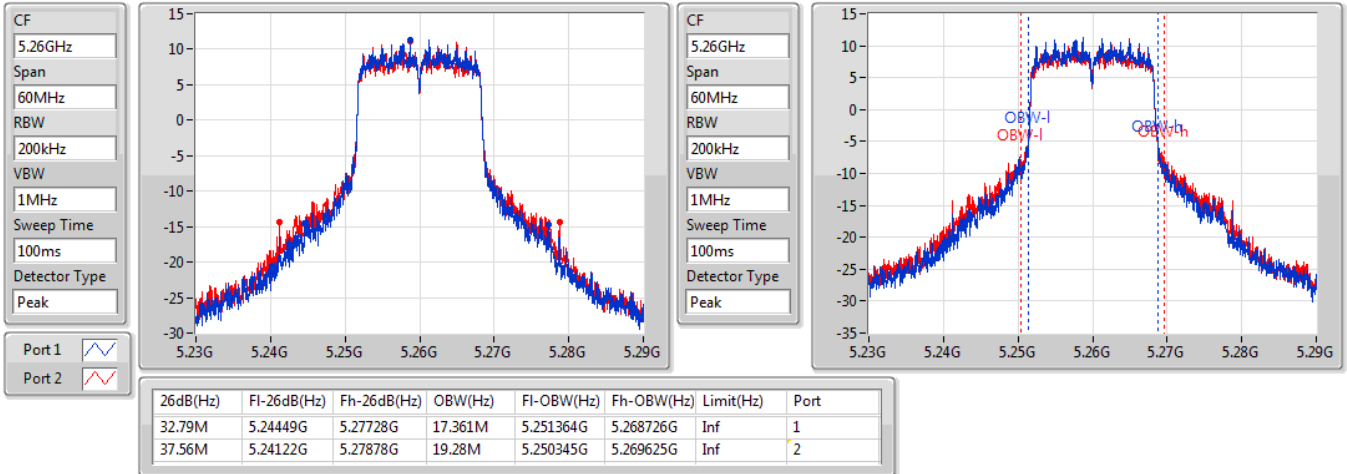
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	32.79M	17.361M	37.56M	19.28M
5300MHz	Pass	Inf	34.2M	18.981M	28.44M	17.001M
5320MHz	Pass	Inf	20.28M	16.402M	20.64M	16.402M
5500MHz	Pass	Inf	21.03M	16.462M	23.22M	16.672M
5580MHz	Pass	Inf	22.05M	16.552M	22.41M	16.552M
5700MHz	Pass	Inf	20.37M	16.432M	20.91M	16.432M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.798M	13.398M	17.833M	13.608M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.105M	8.081M	3.12M	9.325M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	34.71M	19.16M	36.84M	19.34M
5300MHz	Pass	Inf	35.85M	19.34M	26.1M	19.1M
5320MHz	Pass	Inf	22.65M	18.951M	21.87M	18.951M
5500MHz	Pass	Inf	22.95M	18.951M	26.04M	19.07M
5580MHz	Pass	Inf	36.84M	19.37M	35.67M	19.46M
5700MHz	Pass	Inf	23.19M	18.951M	22.5M	18.951M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.233M	14.553M	17.868M	14.553M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.365M	7.136M	4.41M	7.481M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	57.06M	38.081M	55.56M	38.141M
5310MHz	Pass	Inf	41.04M	37.781M	41.4M	37.721M
5510MHz	Pass	Inf	41.16M	37.721M	41.52M	37.781M
5550MHz	Pass	Inf	75.66M	38.441M	83.1M	39.16M
5670MHz	Pass	Inf	41.22M	37.841M	41.52M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	51.413M	34.033M	50.363M	34.07M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.99M	21.289M	3.99M	21.079M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.361M	82.08M	77.121M
5530MHz	Pass	Inf	82.56M	77.121M	83.04M	77.121M
5610MHz	Pass	Inf	96.96M	77.601M	83.16M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	112.065M	74.13M	110.825M	73.976M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.035M	27.826M	3.96M	28.021M

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

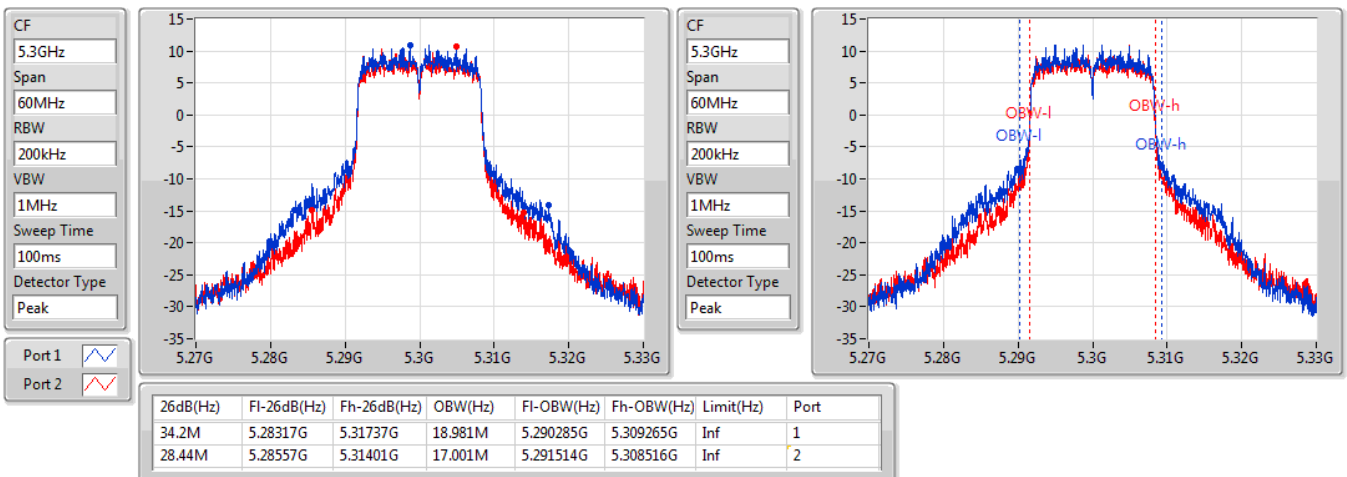
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

20/11/2020

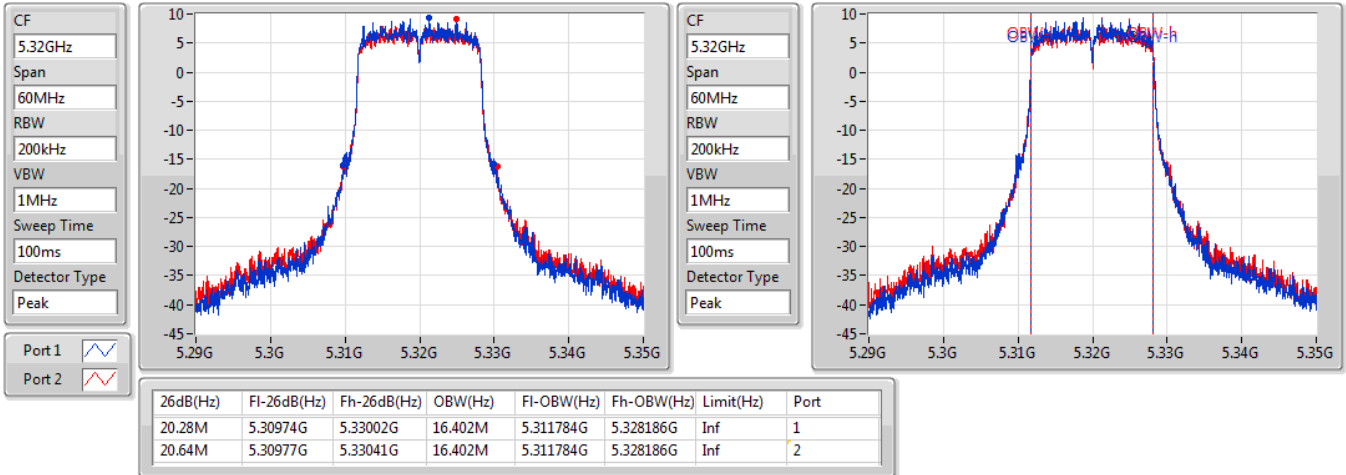

802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

20/11/2020

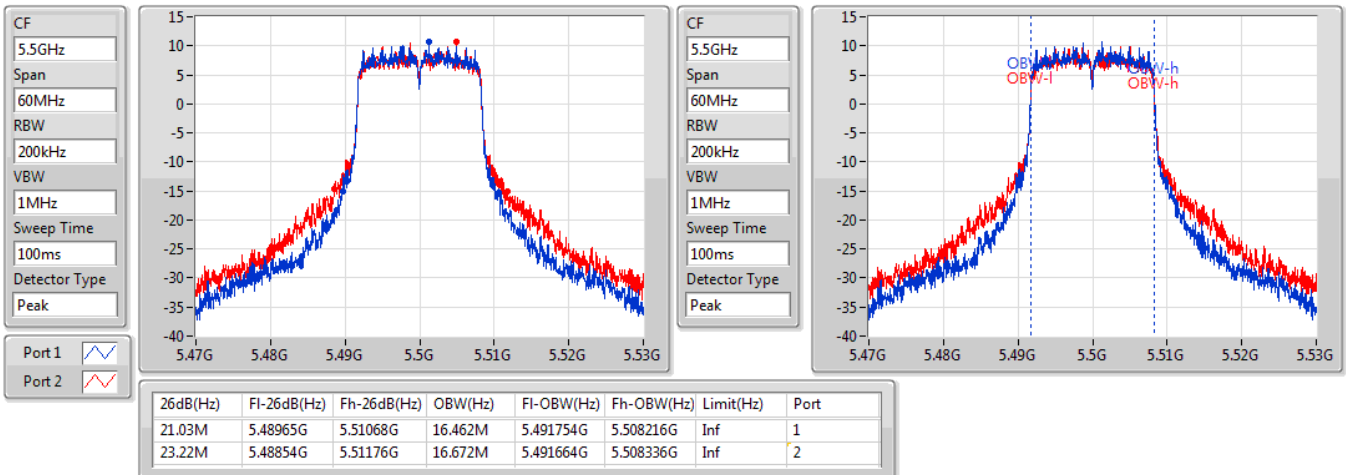


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

20/11/2020

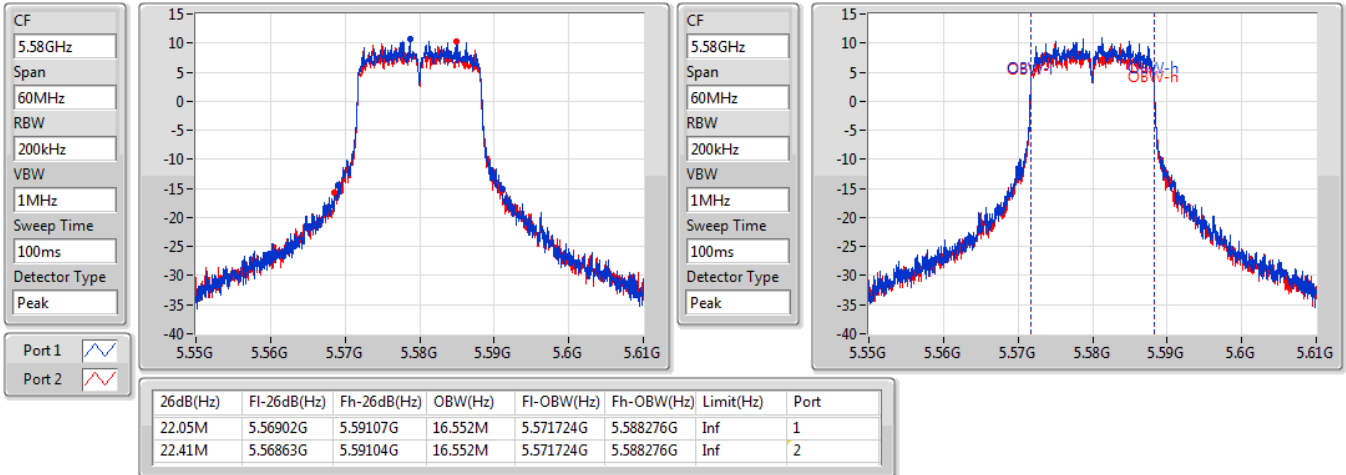

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

20/11/2020

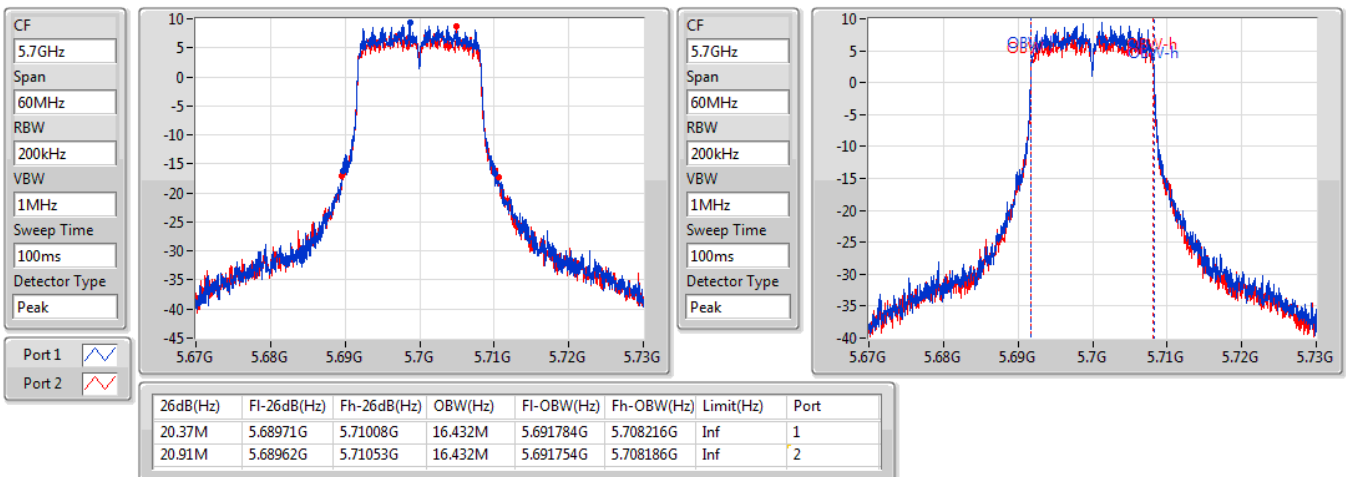


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

20/11/2020

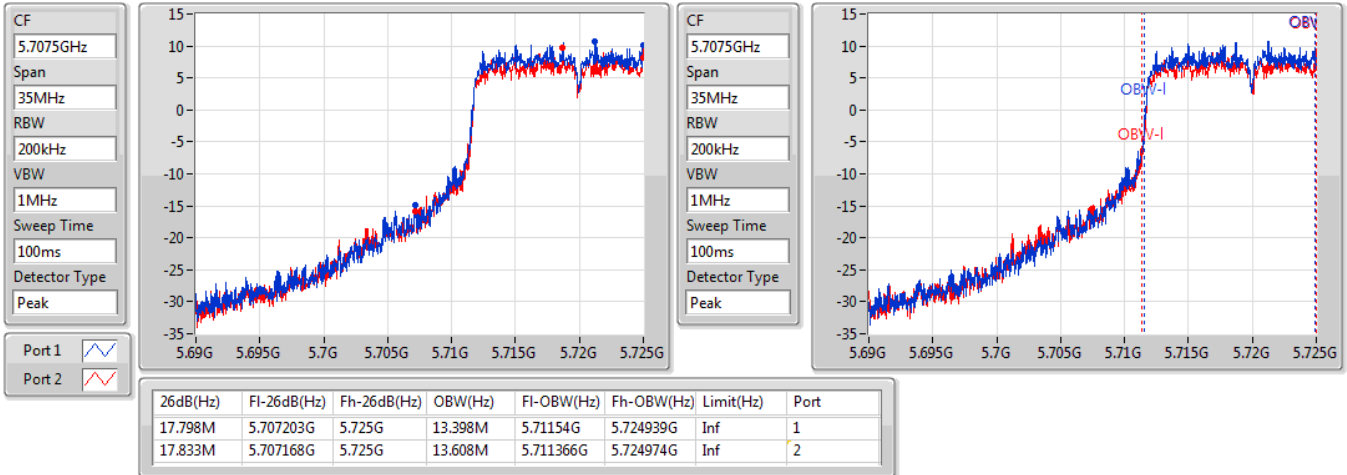

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

20/11/2020

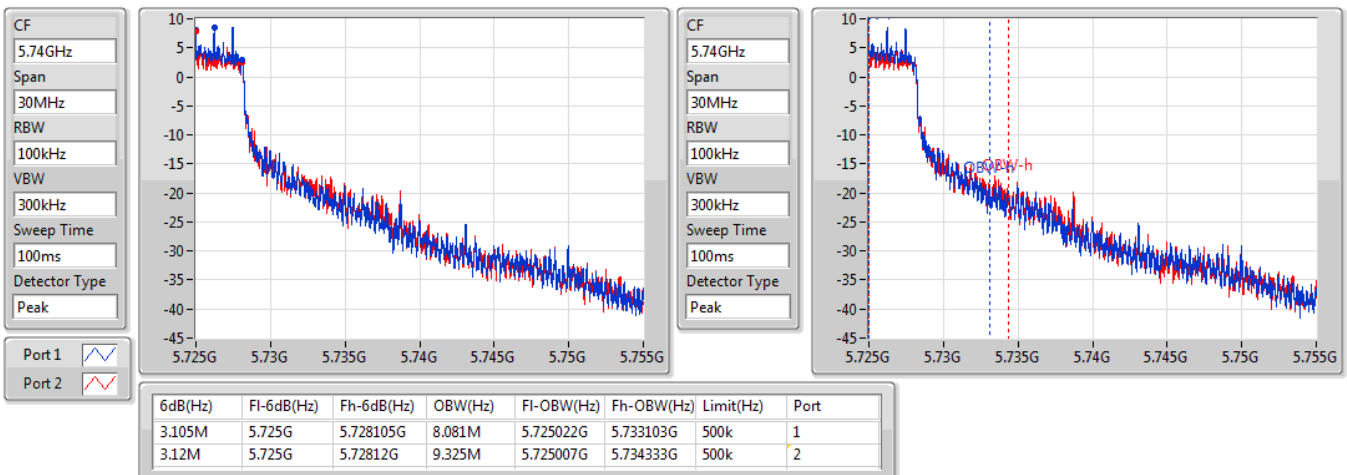


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

20/11/2020


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/11/2020

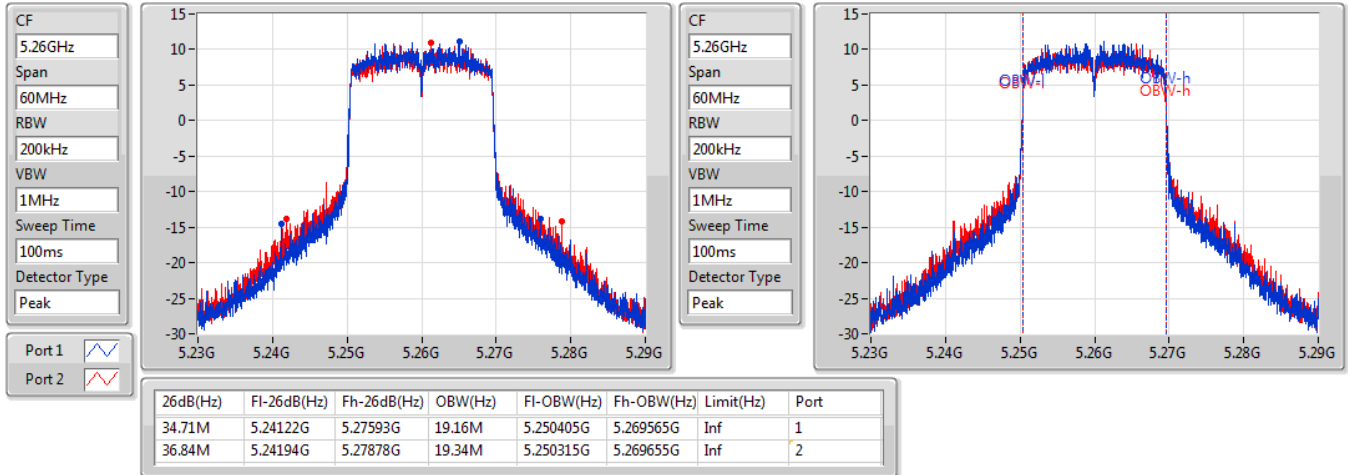


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

5260MHz

20/11/2020

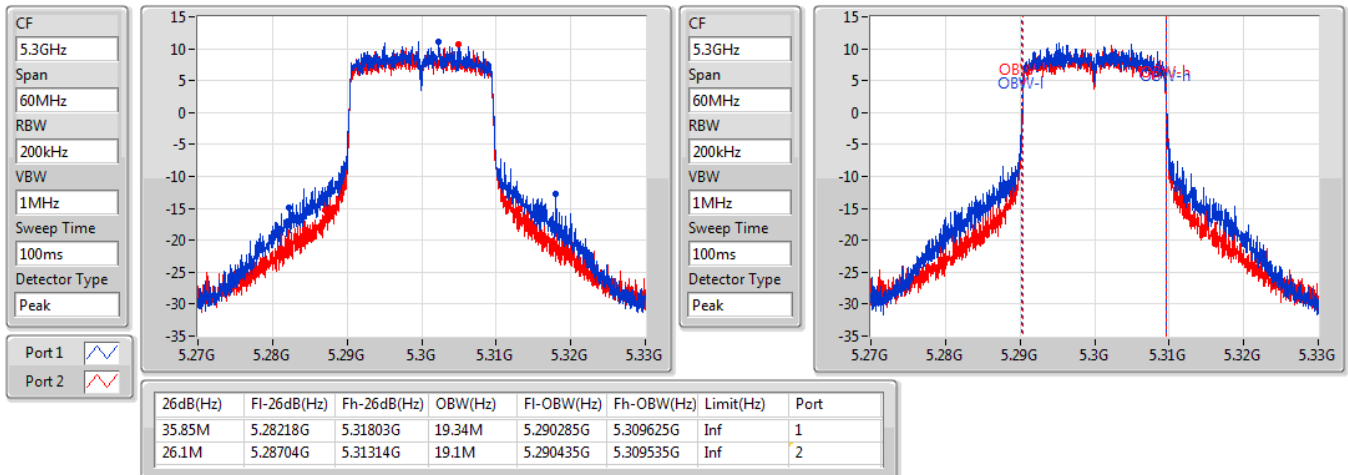


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

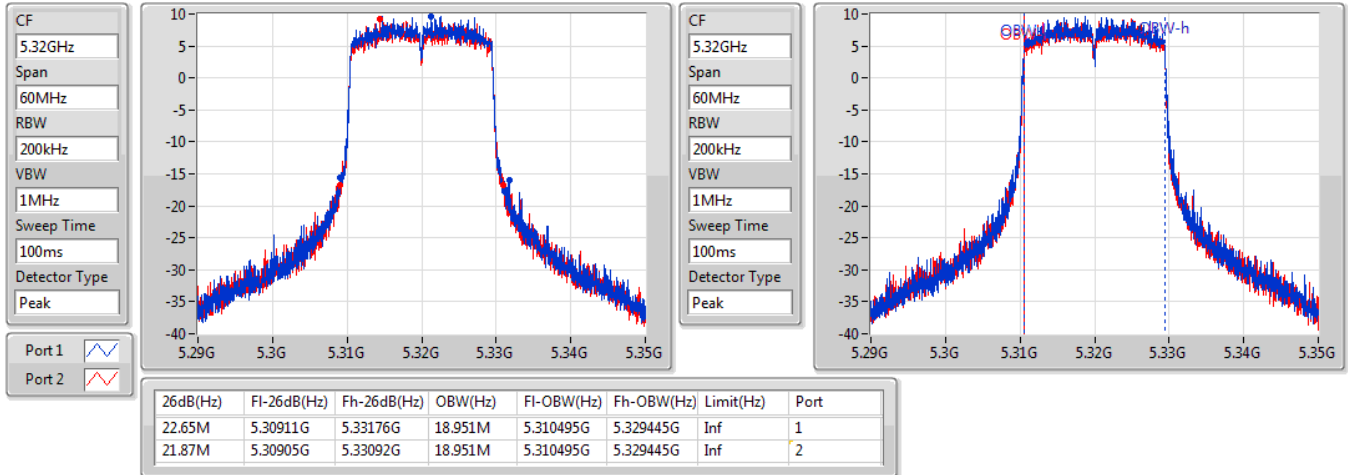
5300MHz

20/11/2020

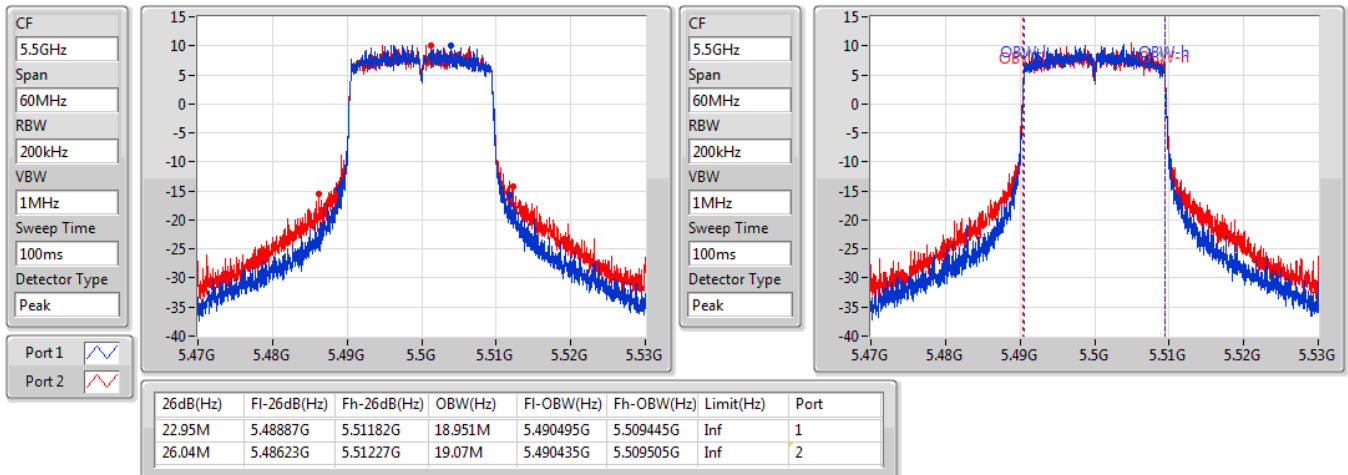


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5320MHz

20/11/2020

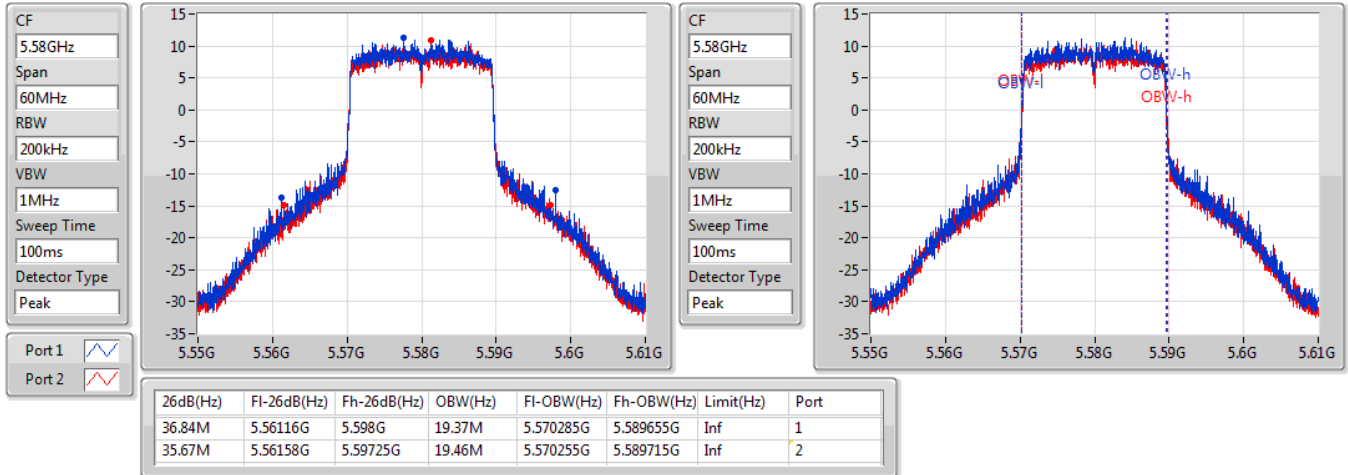

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5500MHz

20/11/2020

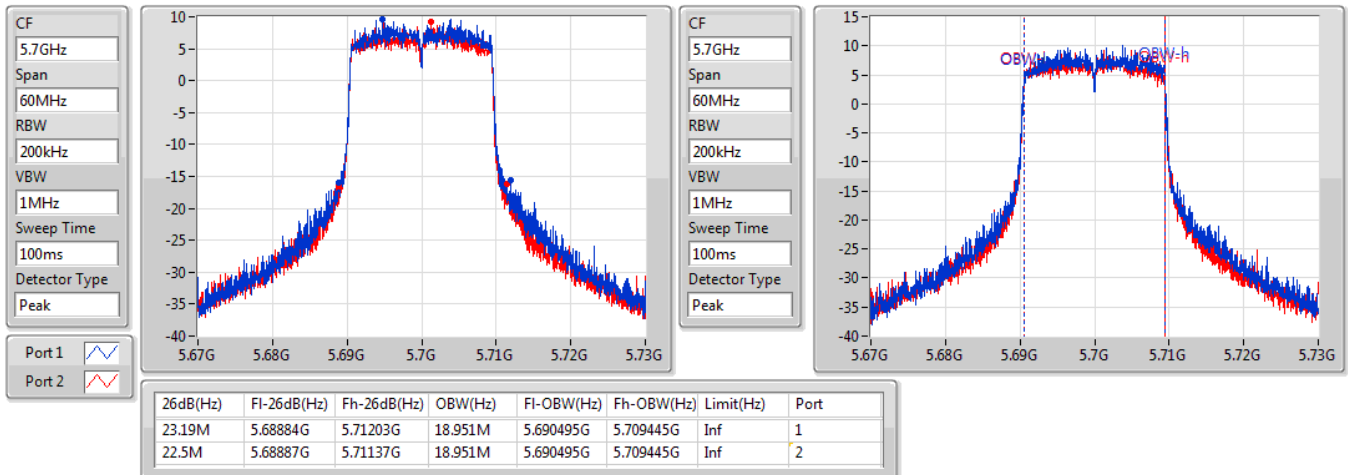


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5580MHz

20/11/2020

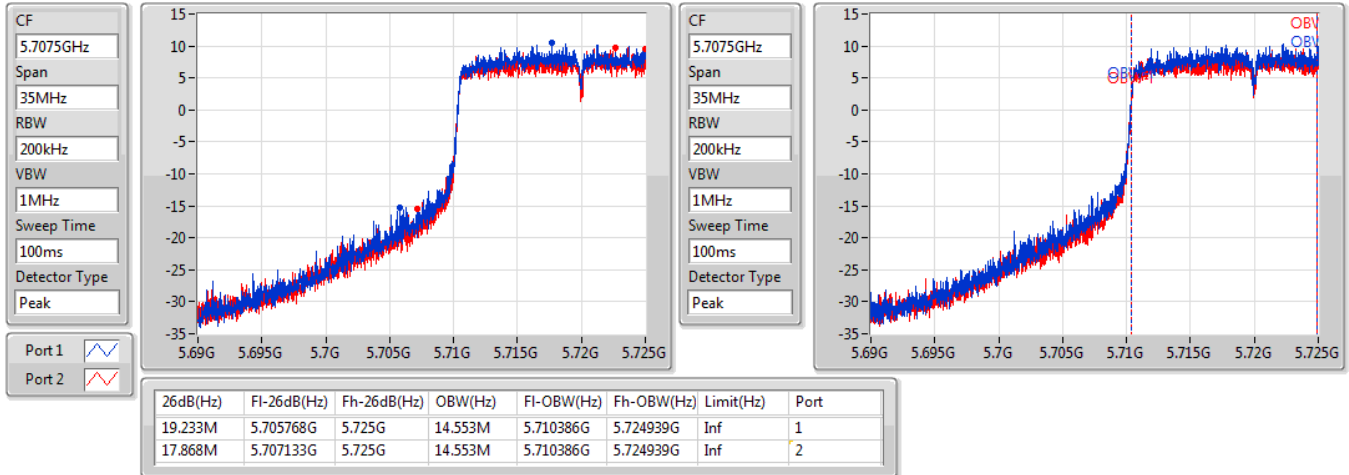

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5700MHz

20/11/2020

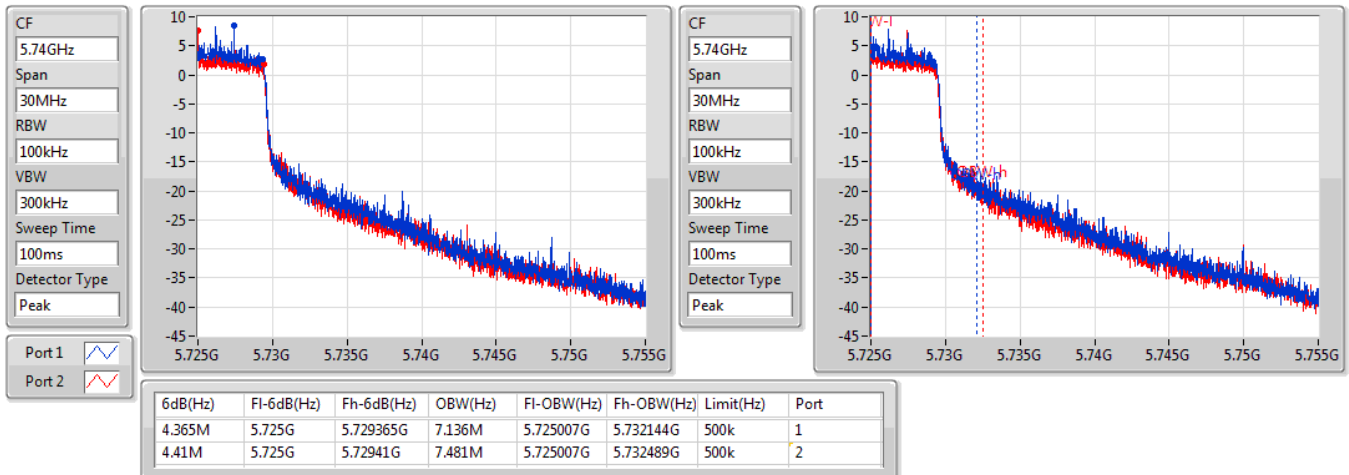


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

20/11/2020

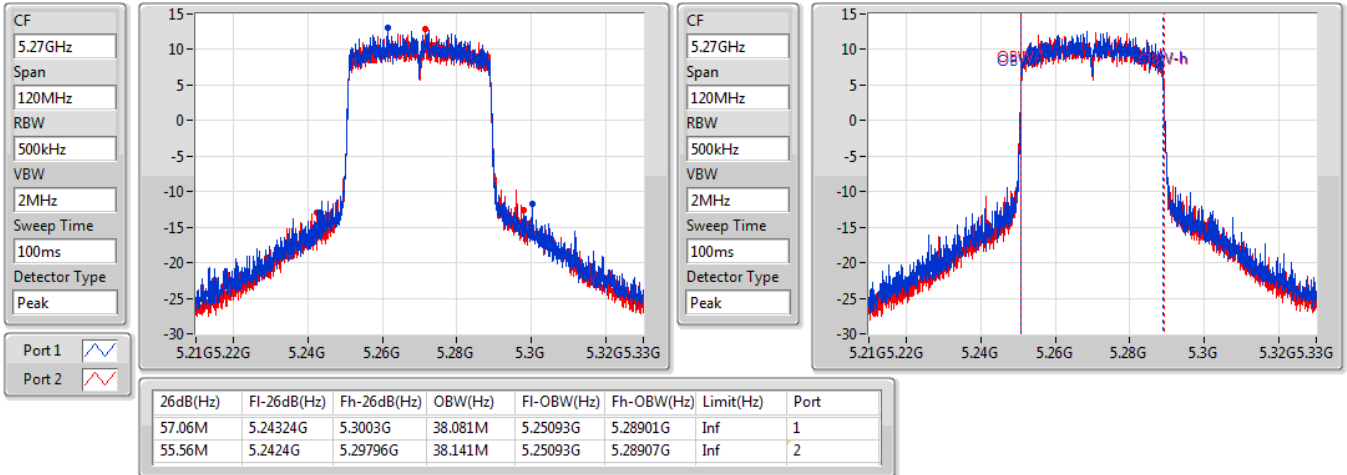

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/11/2020

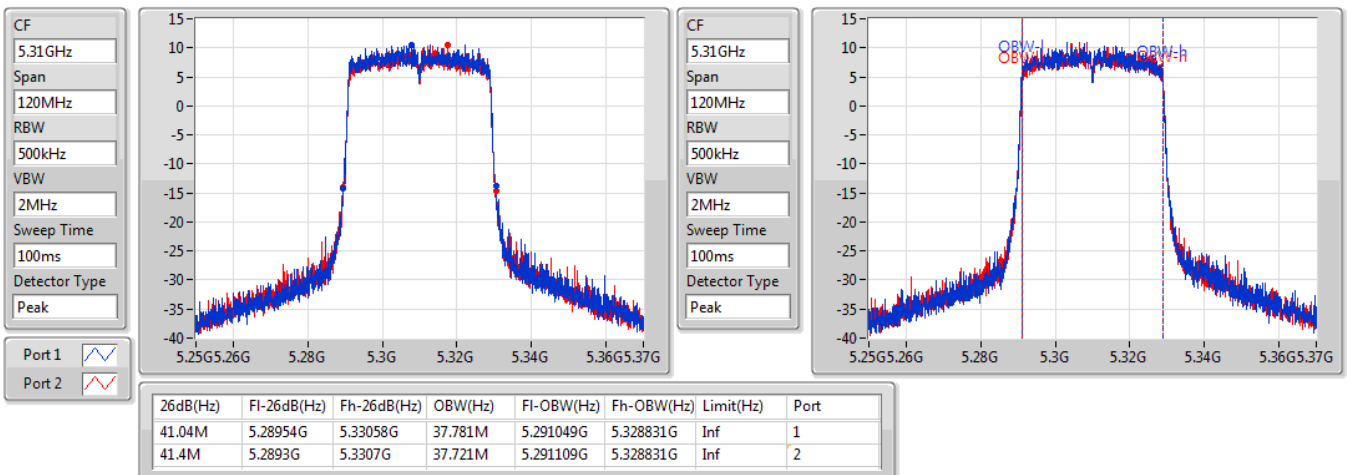


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5270MHz

20/11/2020

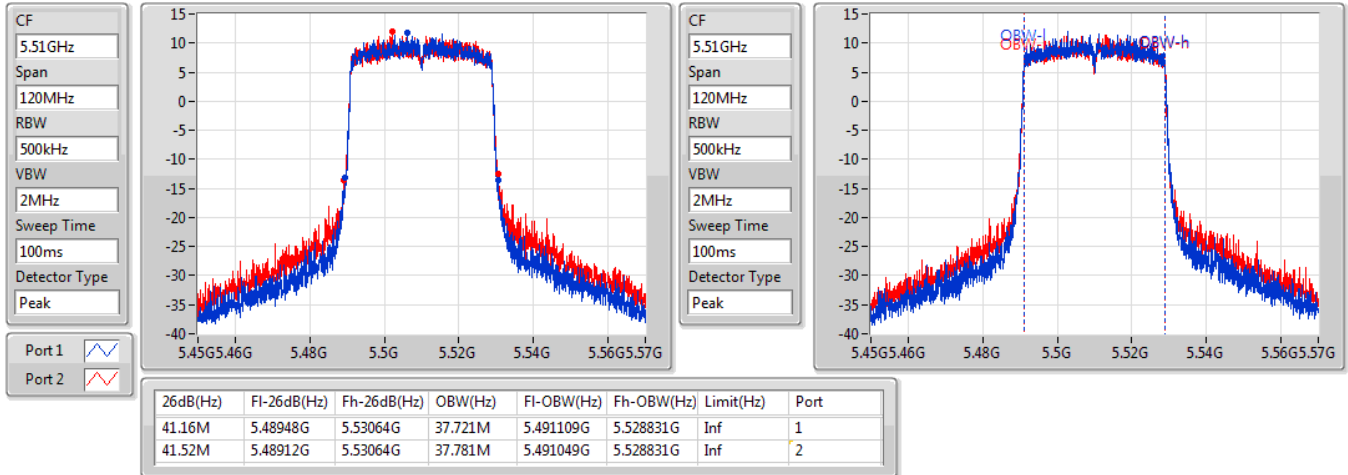

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5310MHz

20/11/2020

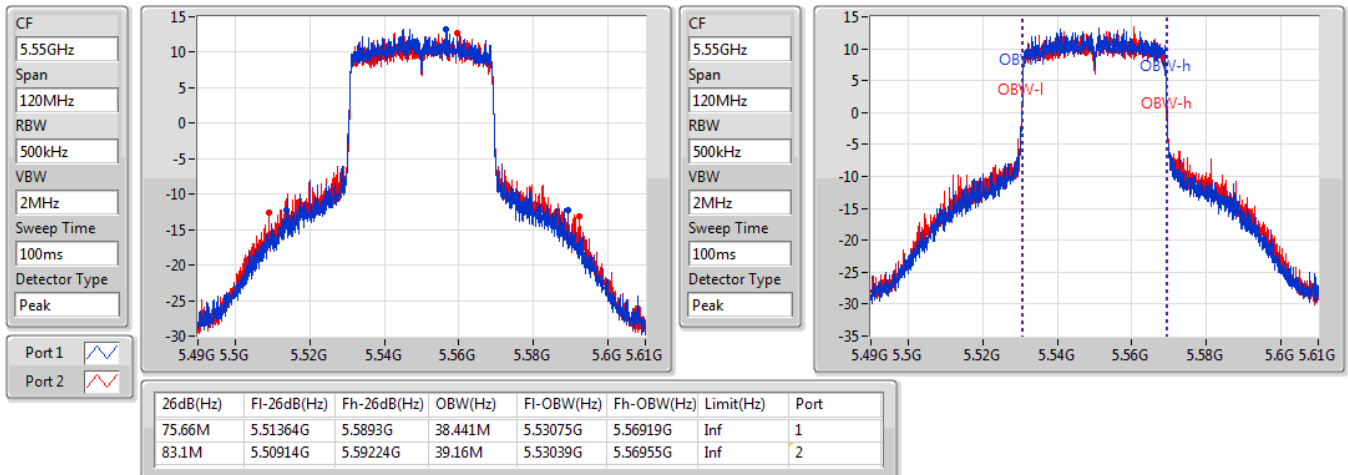


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5510MHz

20/11/2020

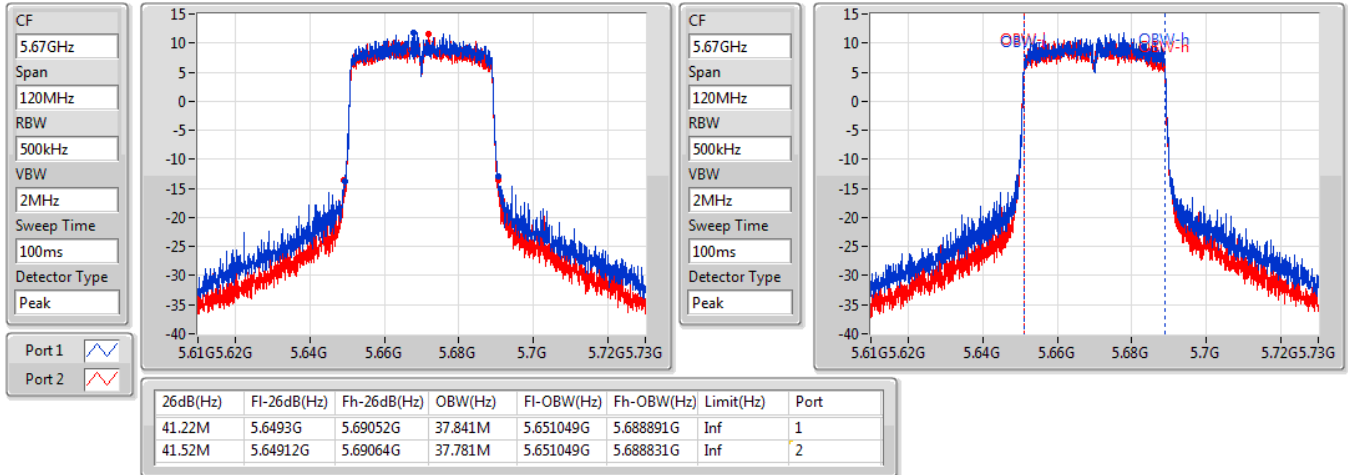

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5550MHz

20/11/2020

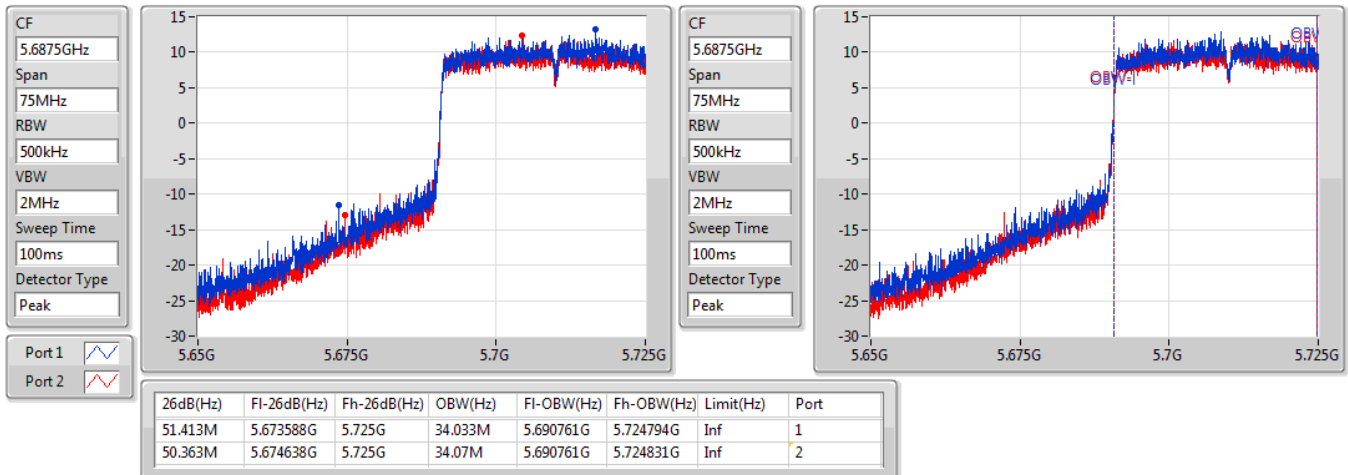


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5670MHz

20/11/2020

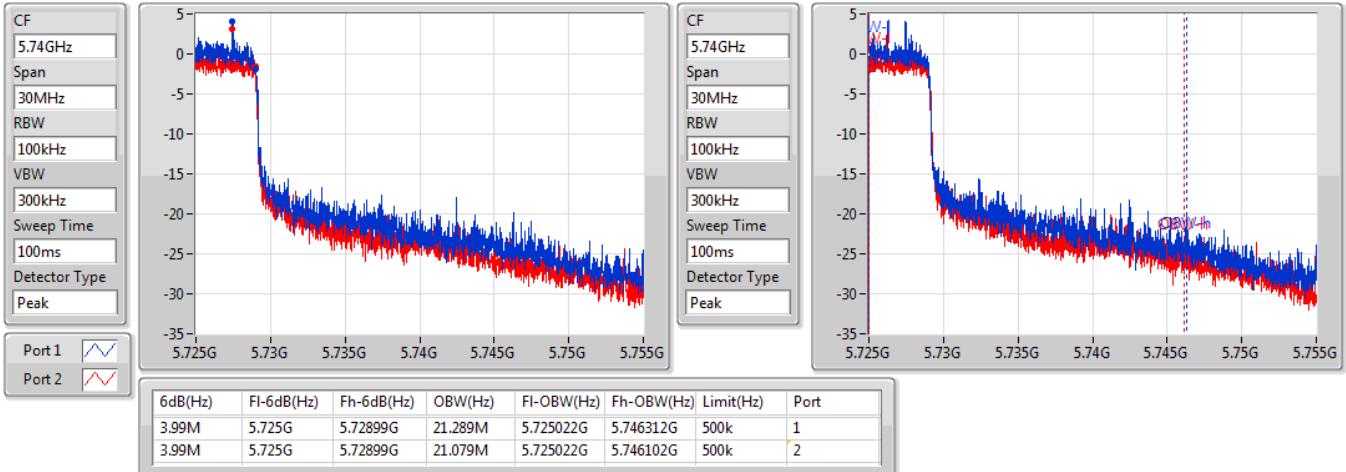

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

20/11/2020

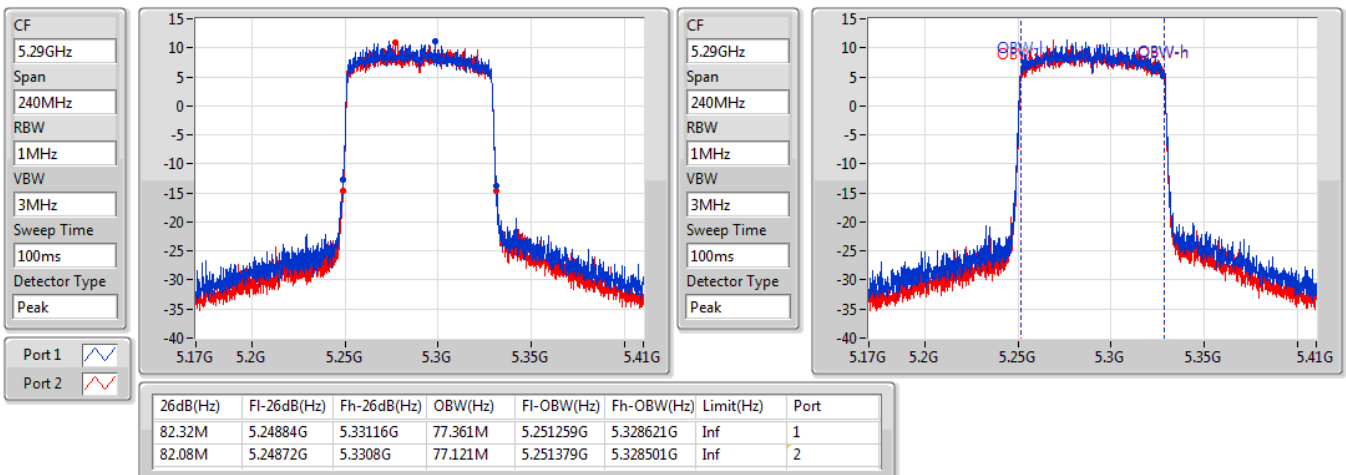


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

20/11/2020

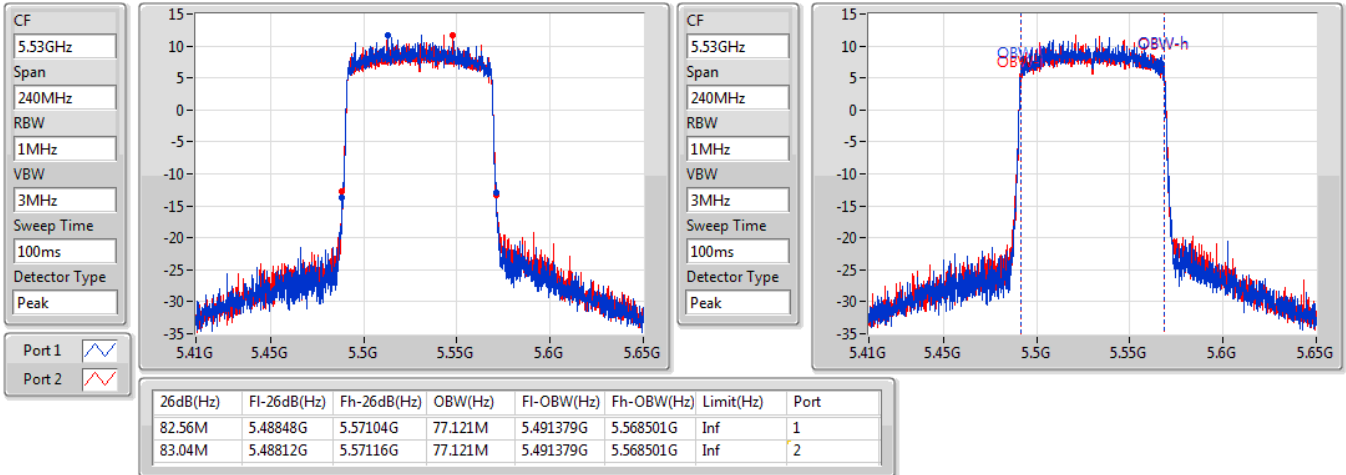

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

20/11/2020

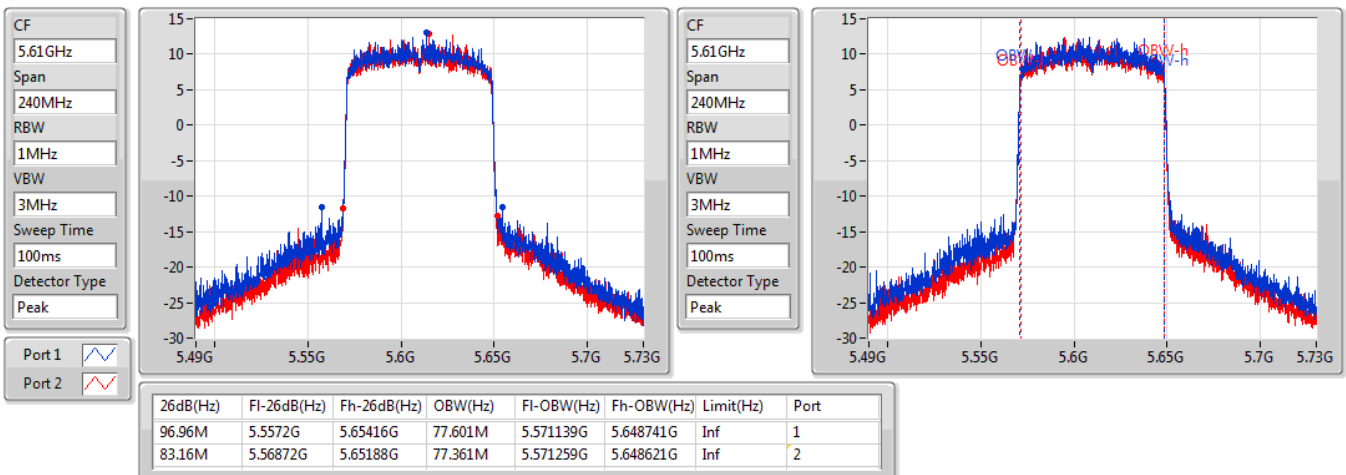


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5530MHz

20/11/2020

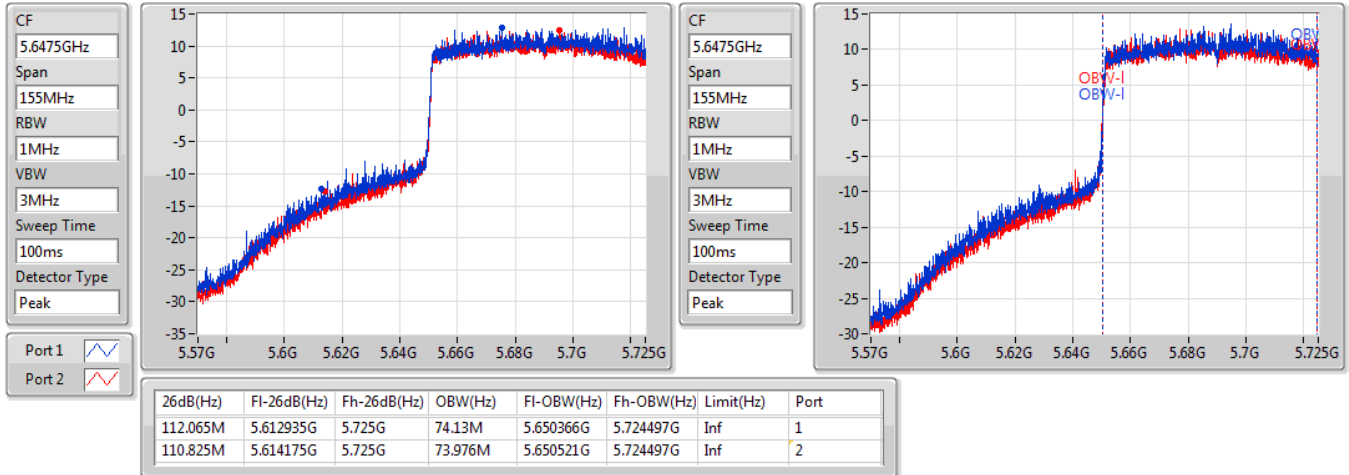

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5610MHz

22/01/2021

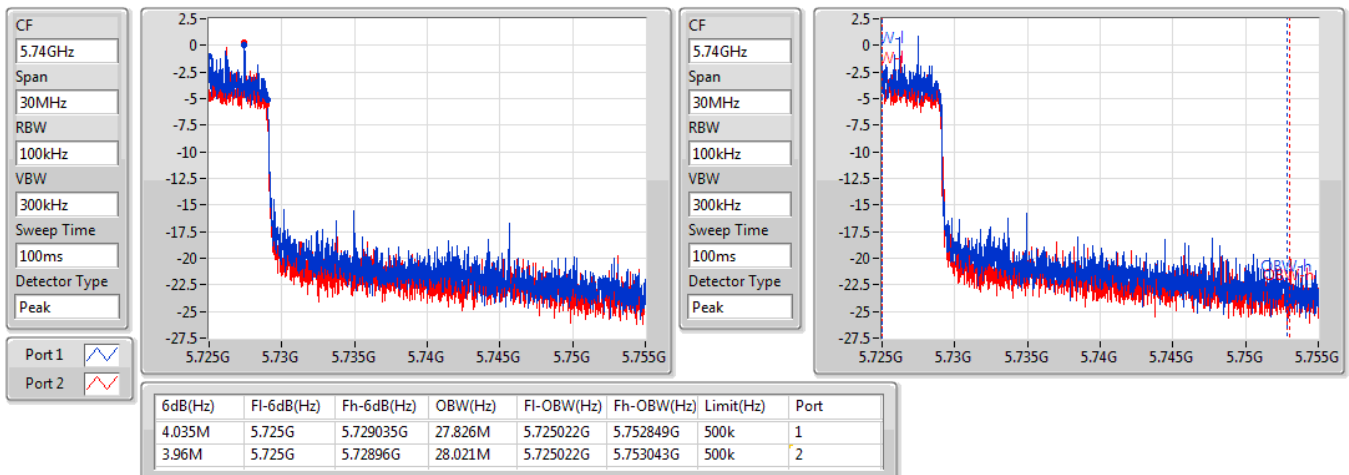


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

20/11/2020


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

20/11/2020



For non-beamforming mode:

For Set 2:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	21.06M	16.462M	16M5D1D	20.25M	16.372M
802.11ax HEW20_Nss1,(MCS0)_2TX	35.85M	19.34M	19M3D1D	21.33M	18.921M
802.11ax HEW40_Nss1,(MCS0)_2TX	41.82M	37.841M	37M8D1D	41.1M	37.781M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.32M	77.121M	77M1D1D	82.32M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	20.7M	16.402M	16M4D1D	16.013M	13.293M
802.11ax HEW20_Nss1,(MCS0)_2TX	23.73M	19.01M	19M0D1D	17.868M	14.553M
802.11ax HEW40_Nss1,(MCS0)_2TX	51.413M	37.841M	37M8D1D	40.8M	34.033M
802.11ax HEW80_Nss1,(MCS0)_2TX	83.16M	77.361M	77M4D1D	76.183M	73.201M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.12M	6.882M	6M88D1D	3.105M	5.547M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.41M	7.481M	7M48D1D	4.365M	7.136M
802.11ax HEW40_Nss1,(MCS0)_2TX	3.99M	21.289M	21M3D1D	3.99M	21.079M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.035M	7.751M	7M75D1D	3.945M	6.462M

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

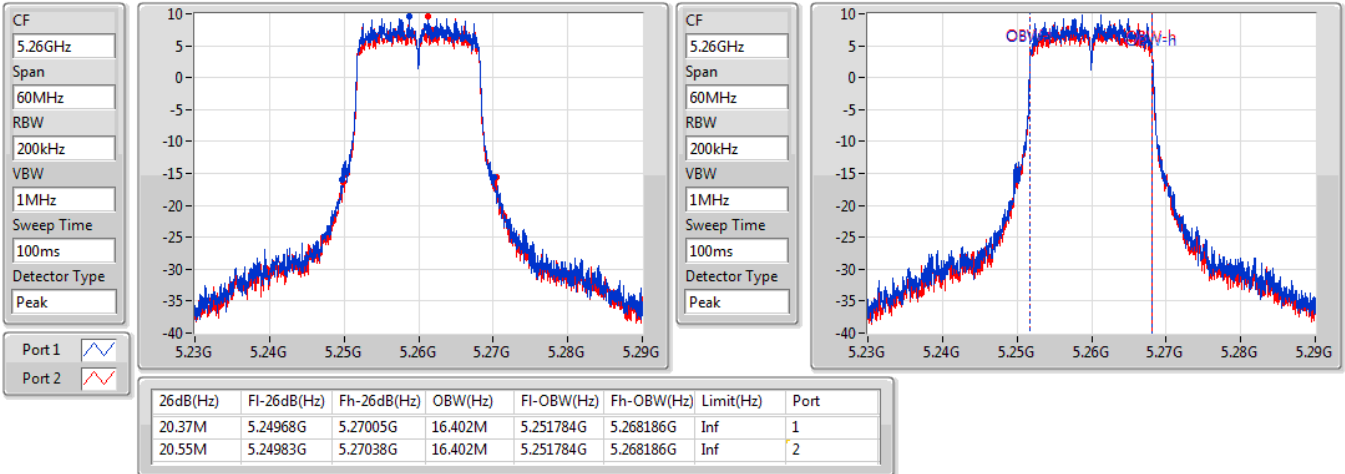
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	20.37M	16.402M	20.55M	16.402M
5300MHz	Pass	Inf	21.06M	16.462M	20.85M	16.462M
5320MHz	Pass	Inf	20.25M	16.372M	20.52M	16.372M
5500MHz	Pass	Inf	20.31M	16.372M	20.7M	16.402M
5580MHz	Pass	Inf	20.43M	16.402M	20.64M	16.402M
5700MHz	Pass	Inf	20.31M	16.342M	19.59M	16.372M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.013M	13.293M	16.66M	13.346M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.105M	5.547M	3.12M	6.882M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	24.39M	19.01M	27.81M	19.04M
5300MHz	Pass	Inf	35.85M	19.34M	26.1M	19.1M
5320MHz	Pass	Inf	21.45M	18.921M	21.33M	18.951M
5500MHz	Pass	Inf	21.45M	18.921M	21.48M	18.921M
5580MHz	Pass	Inf	23.73M	19.01M	23.37M	19.01M
5700MHz	Pass	Inf	21.48M	18.891M	21.54M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.233M	14.553M	17.868M	14.553M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.365M	7.136M	4.41M	7.481M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	41.1M	37.841M	41.82M	37.841M
5310MHz	Pass	Inf	41.16M	37.841M	41.16M	37.781M
5510MHz	Pass	Inf	40.8M	37.721M	41.04M	37.721M
5550MHz	Pass	Inf	41.22M	37.841M	42.78M	37.841M
5670MHz	Pass	Inf	41.16M	37.841M	41.34M	37.721M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	51.413M	34.033M	50.363M	34.07M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.99M	21.289M	3.99M	21.079M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	82.32M	77.121M	82.32M	77.121M
5530MHz	Pass	Inf	82.44M	77.121M	83.04M	77.121M
5610MHz	Pass	Inf	83.16M	77.361M	83.04M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.26M	73.278M	76.183M	73.201M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.945M	7.751M	4.035M	6.462M

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

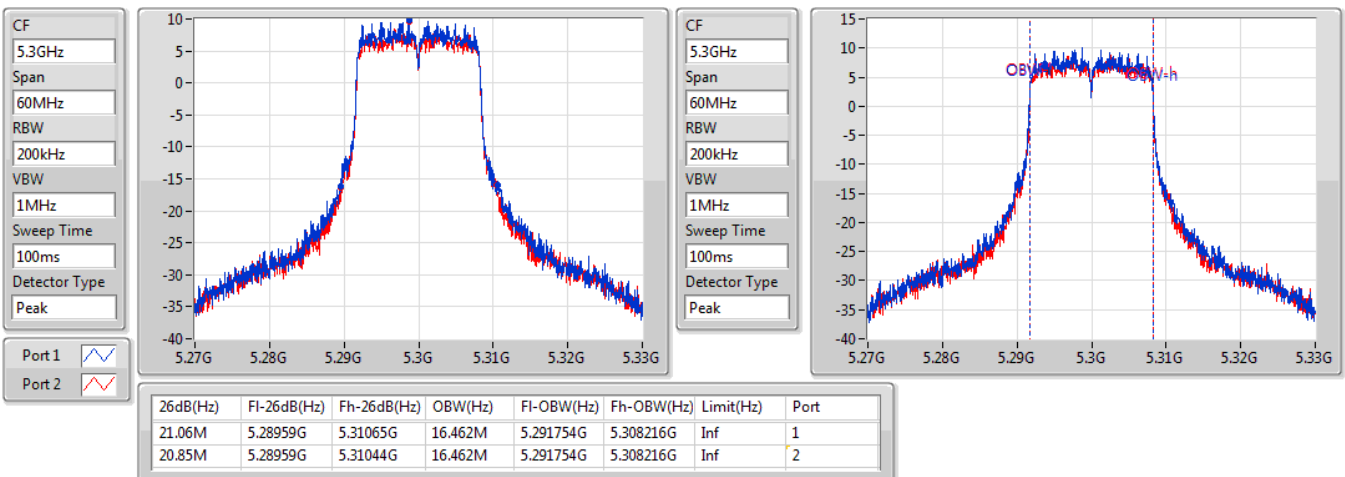
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5260MHz

20/11/2020

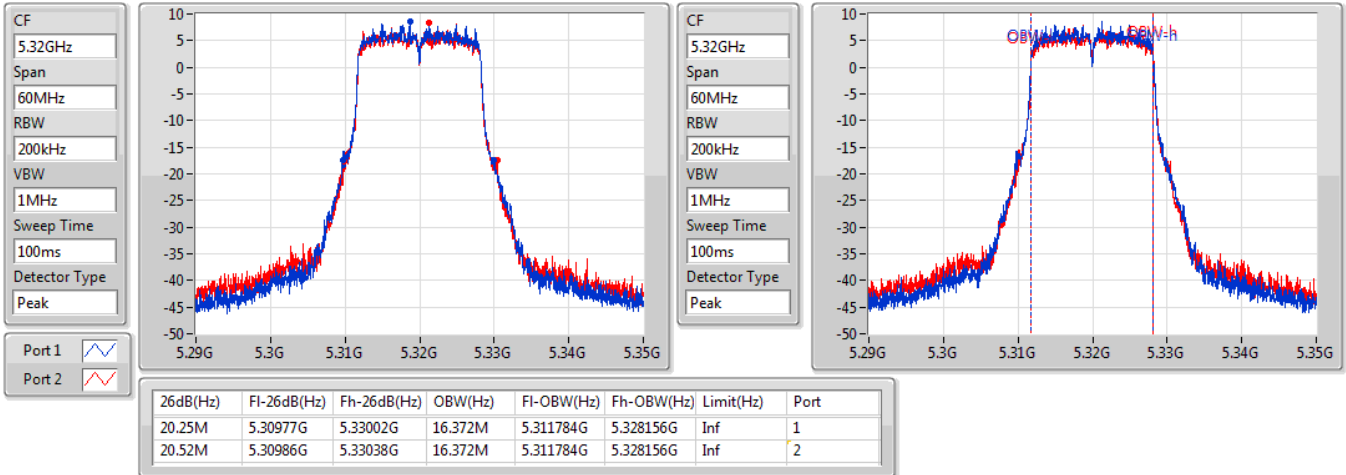

802.11a_Nss1,(6Mbps)_2TX
EBW
5300MHz

20/11/2020

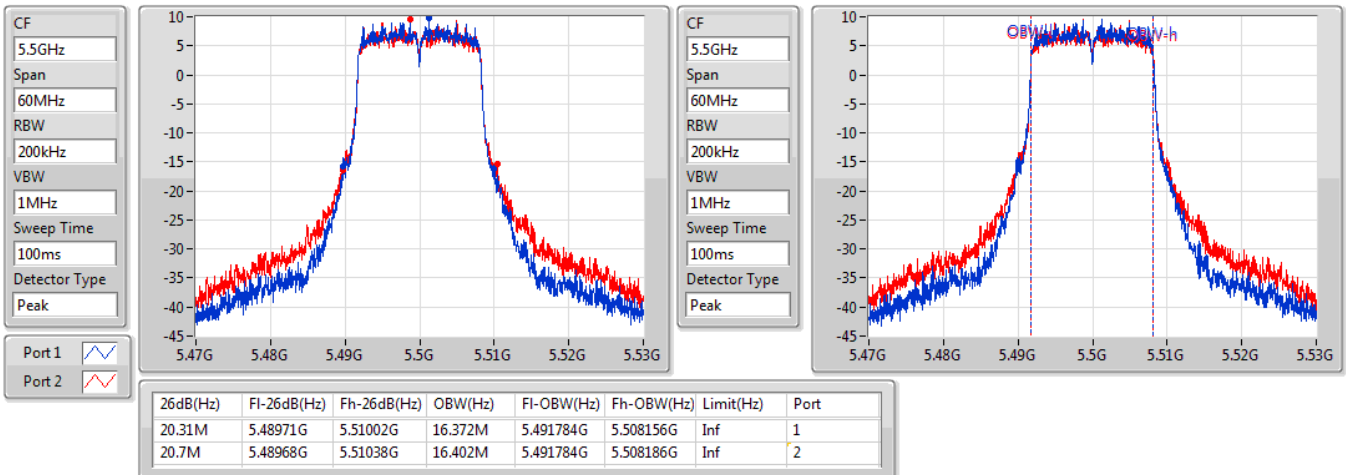


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

20/11/2020

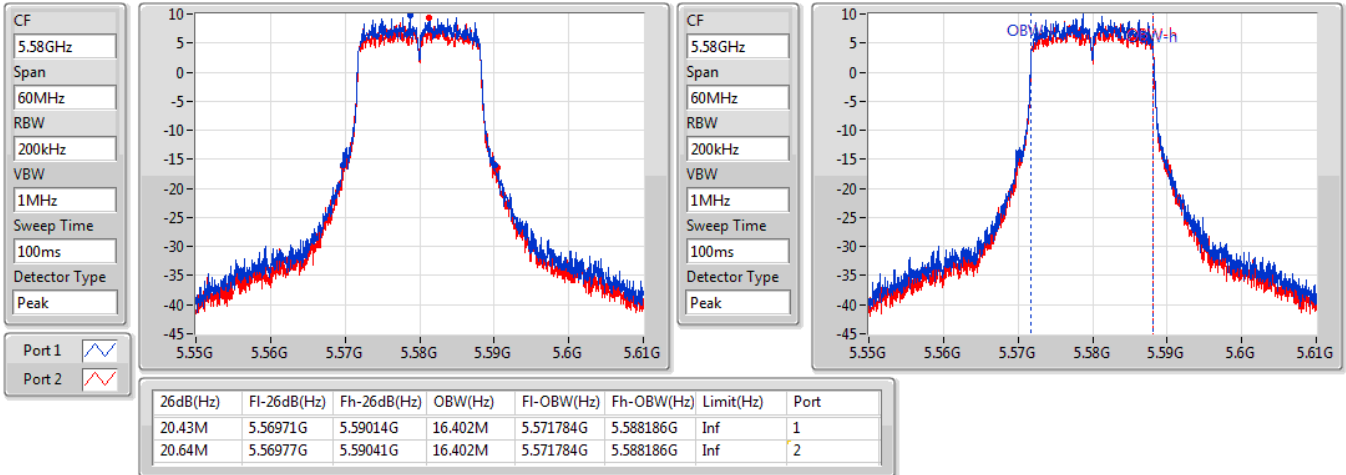

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

20/11/2020

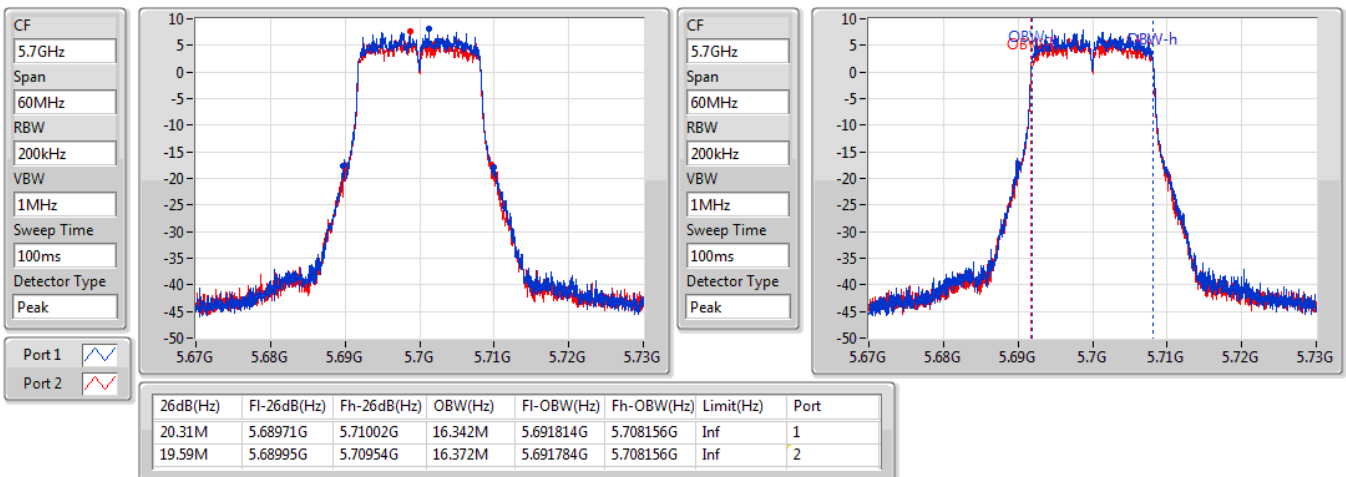


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

20/11/2020

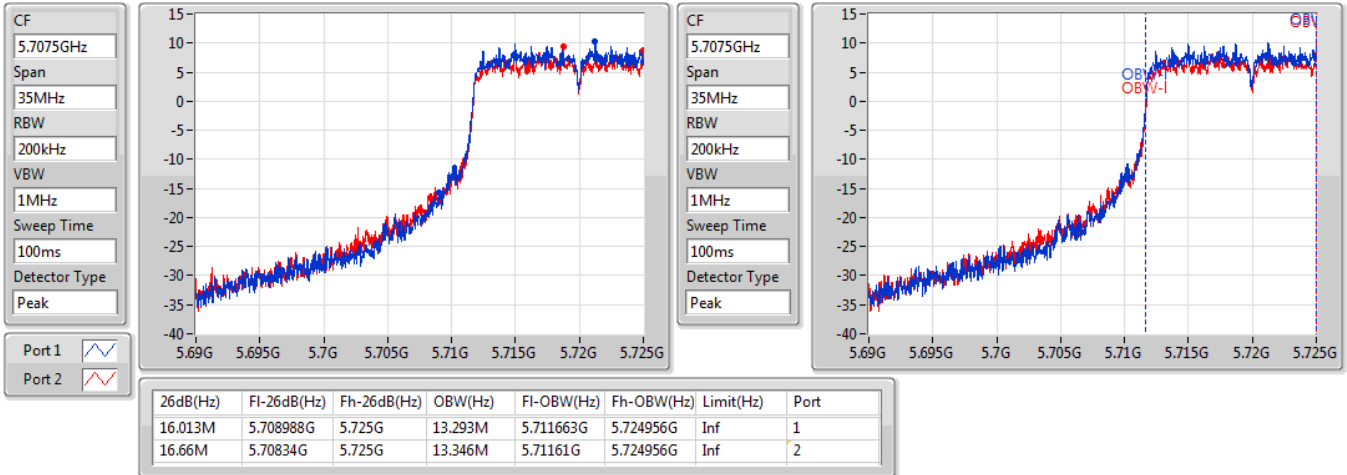

802.11a_Nss1,(6Mbps)_2TX
EBW
5700MHz

20/11/2020

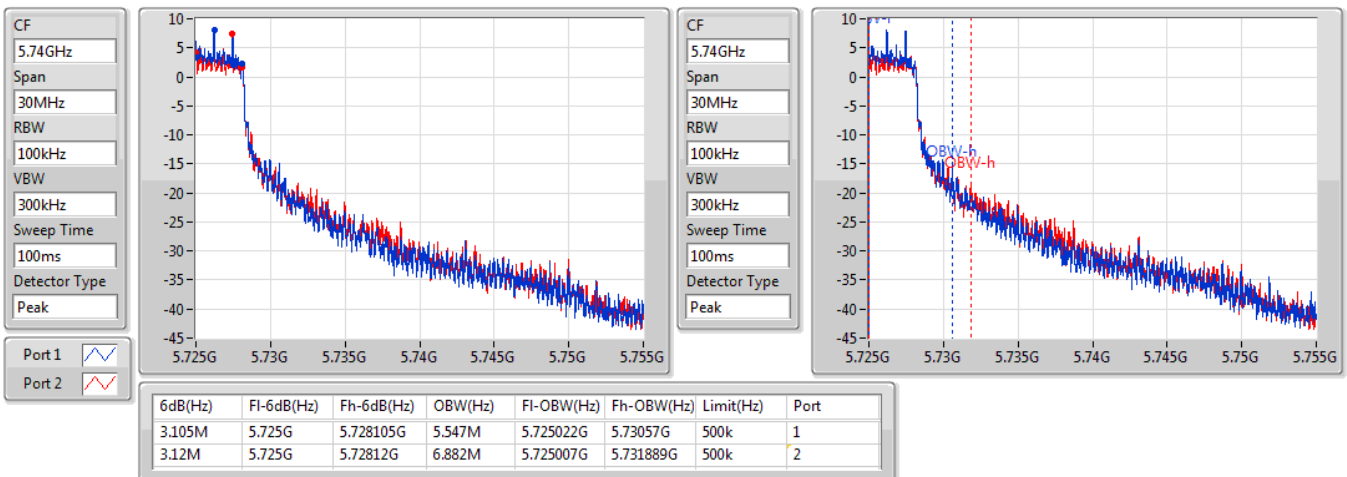


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

20/11/2020

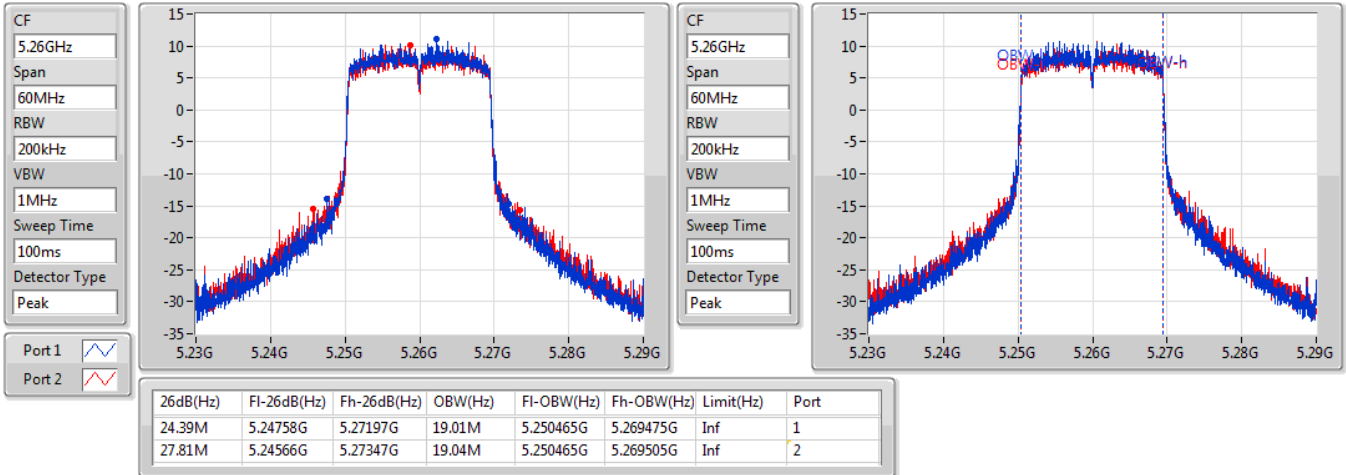

802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/11/2020

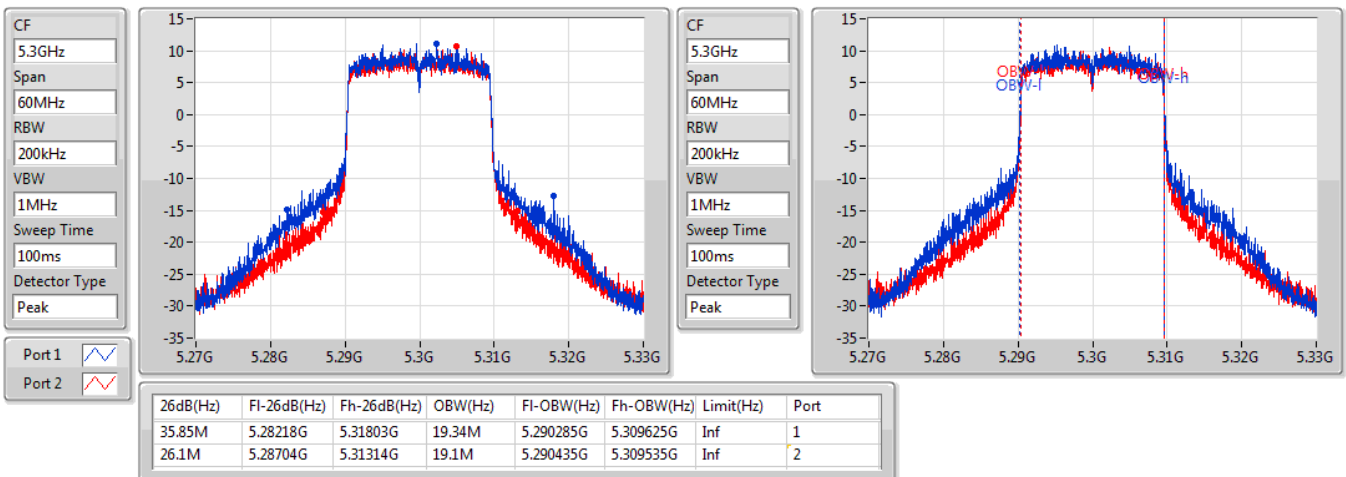


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5260MHz

20/11/2020

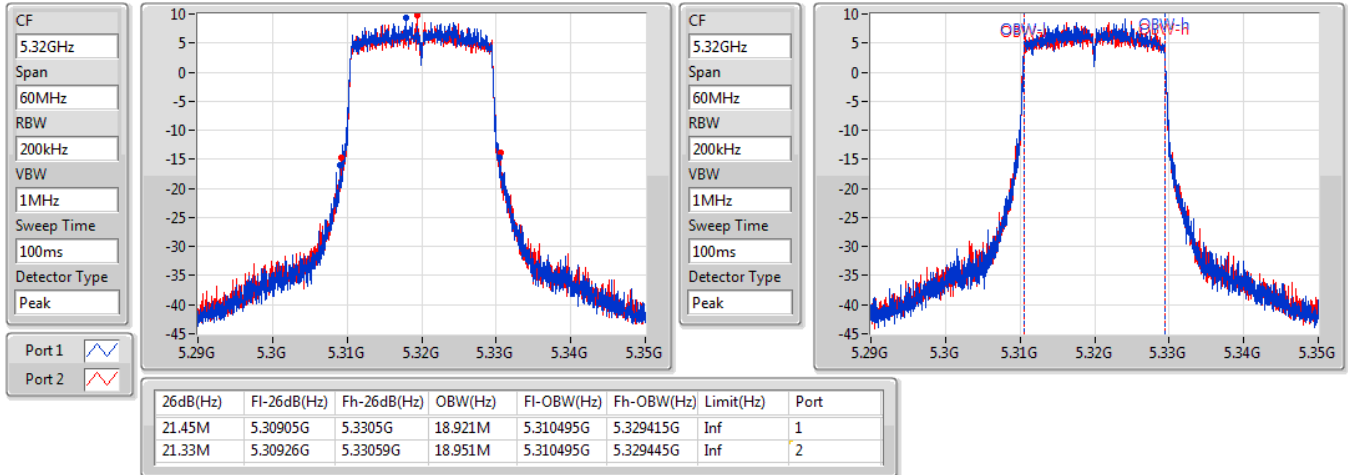

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5300MHz

20/11/2020

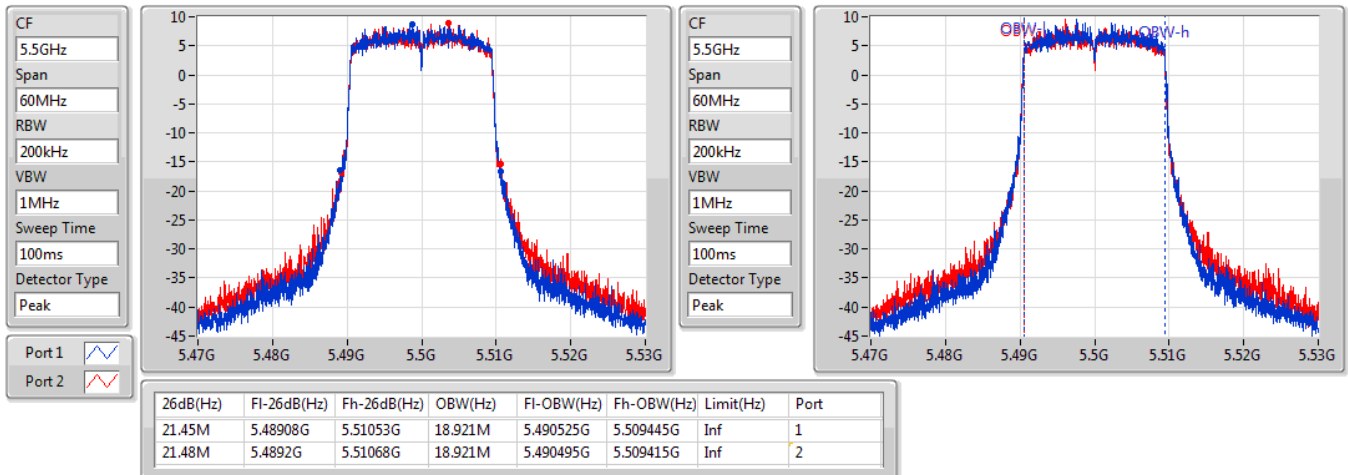


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5320MHz

20/11/2020

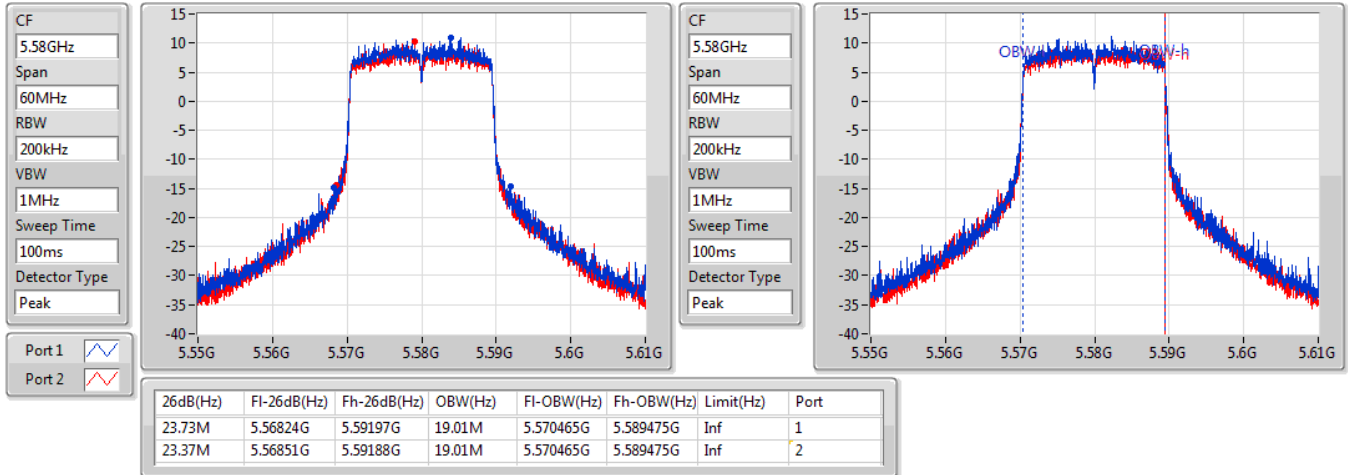

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5500MHz

20/11/2020

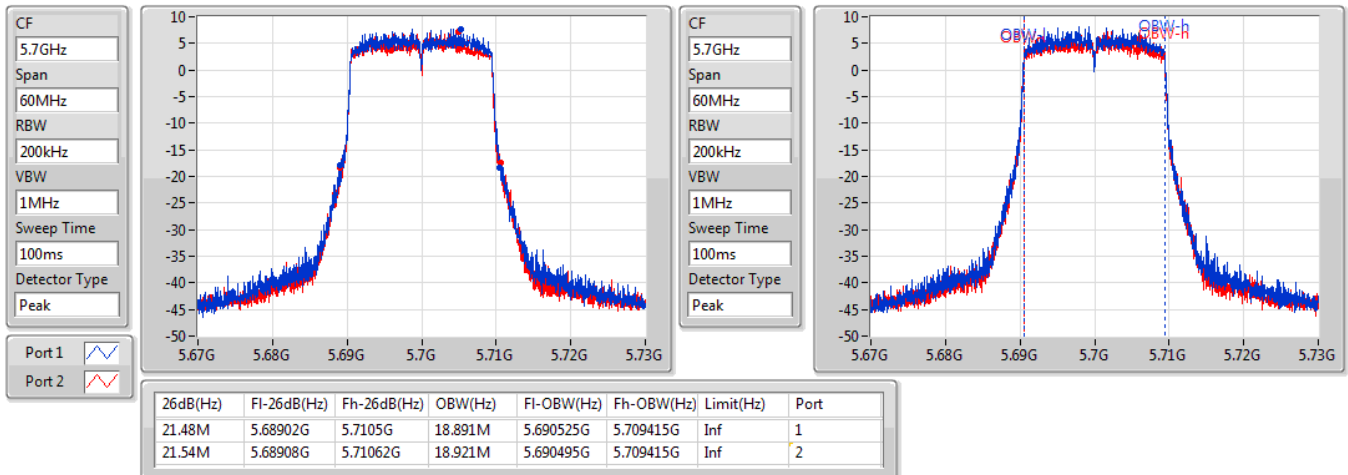


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5580MHz

20/11/2020

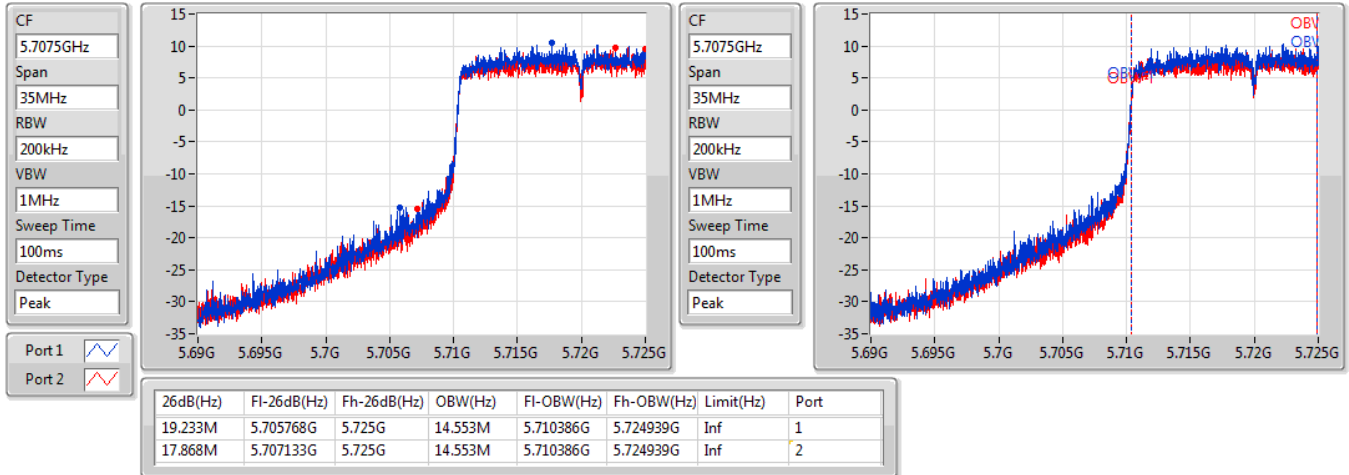

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5700MHz

20/11/2020

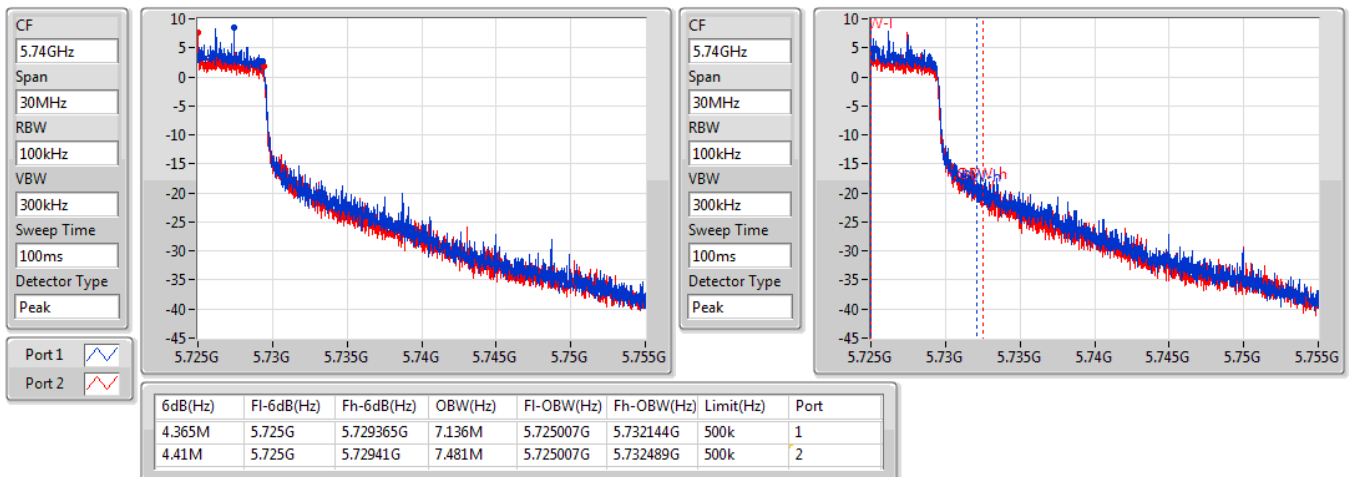


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

20/11/2020

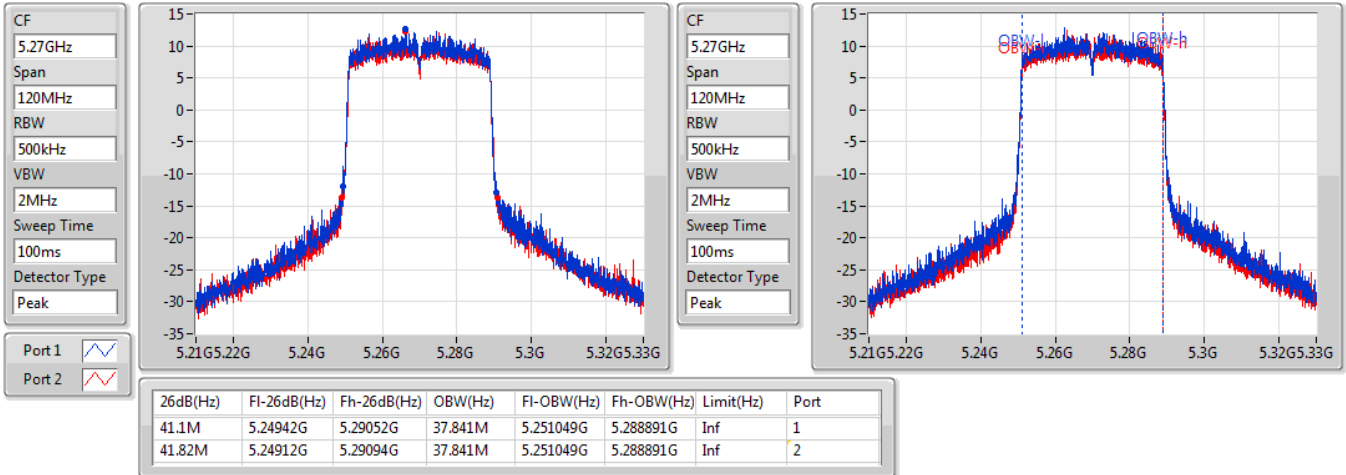

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

20/11/2020

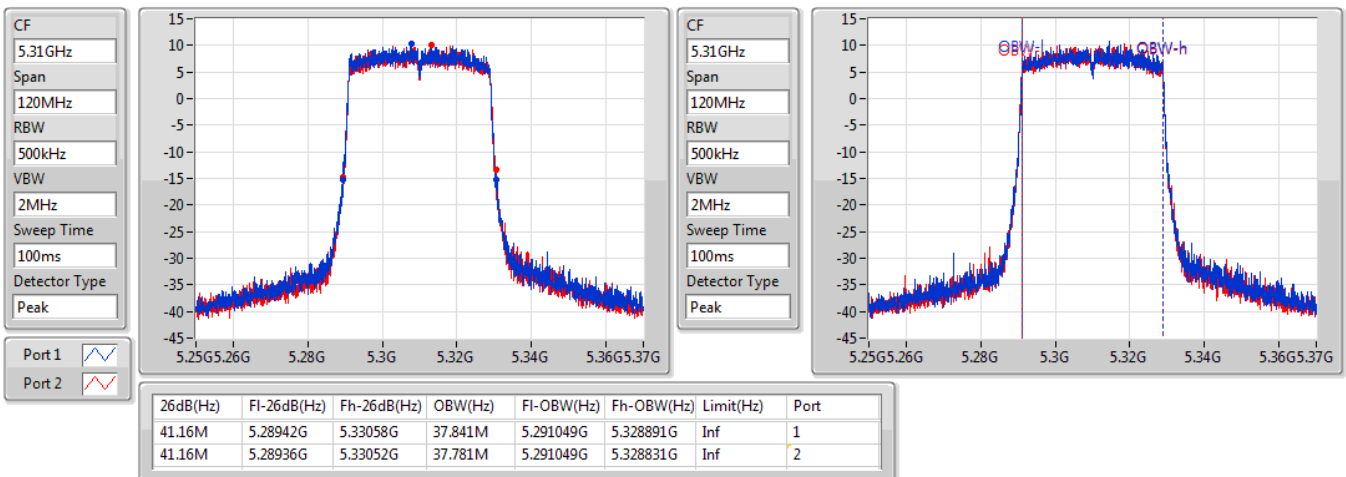


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5270MHz

20/11/2020

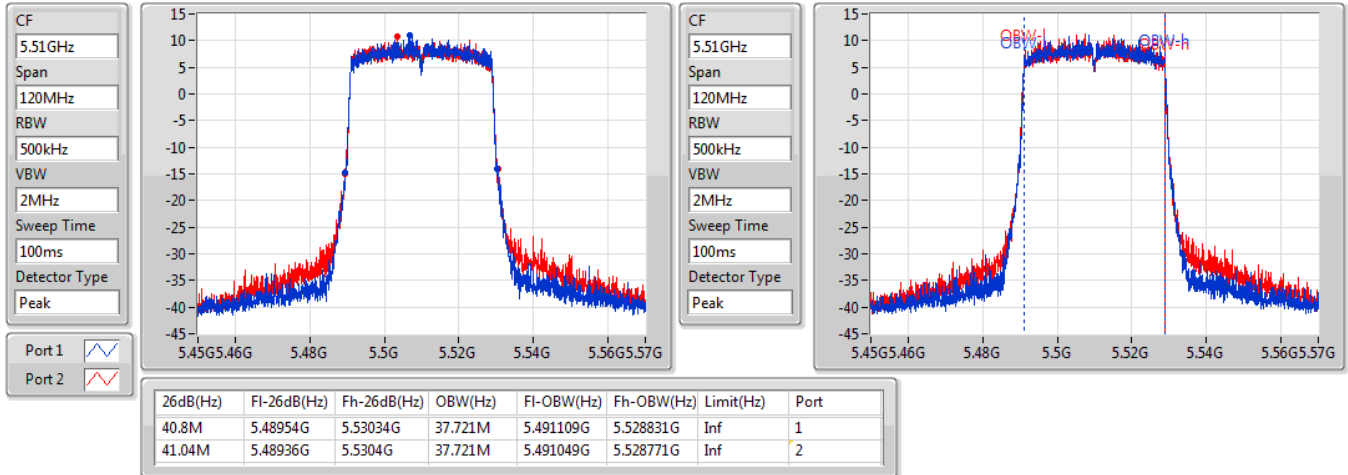

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5310MHz

20/11/2020

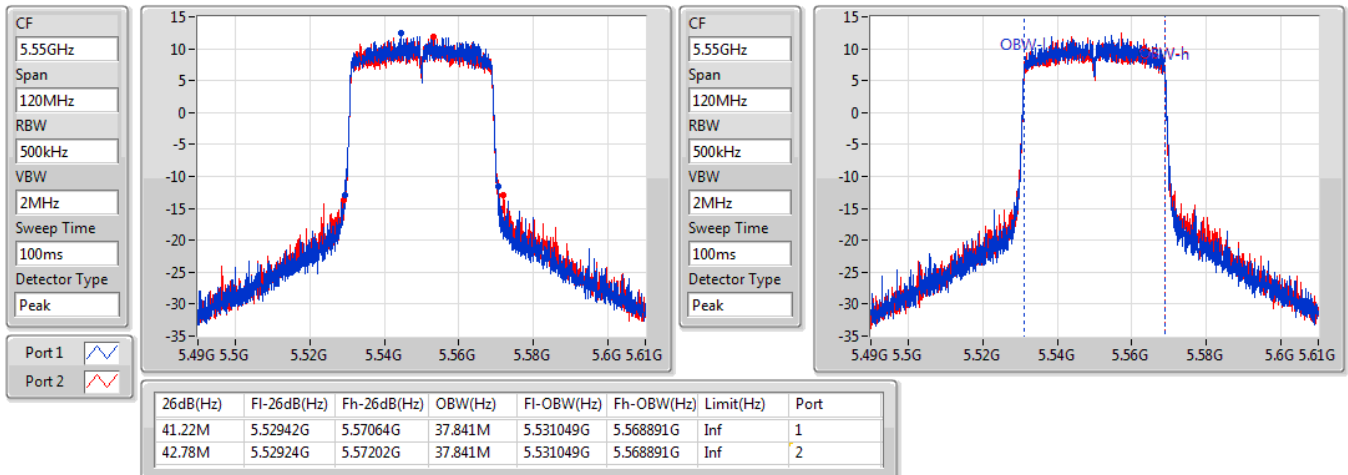


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5510MHz

20/11/2020

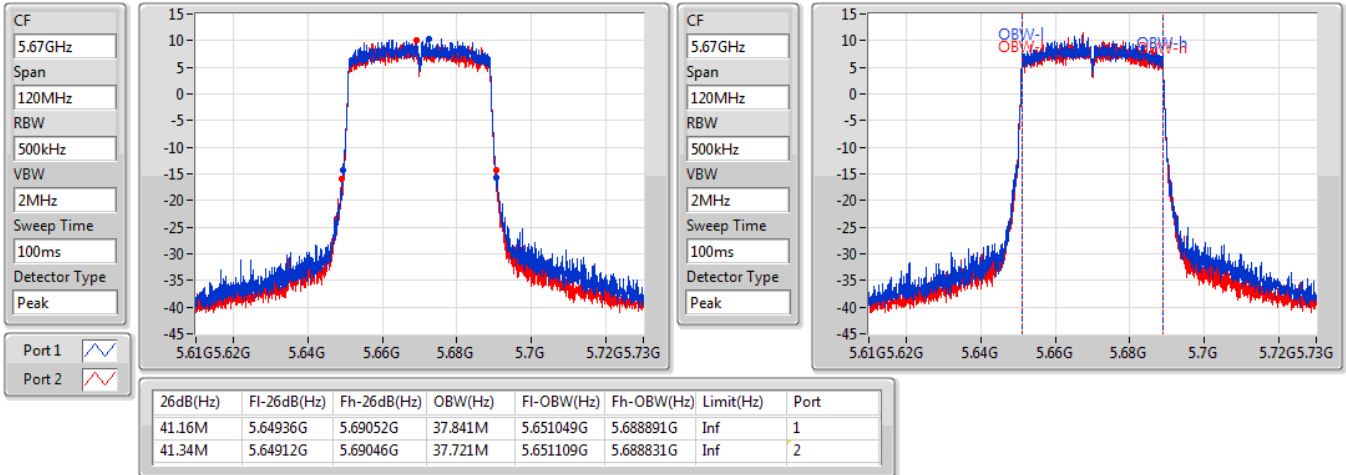

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5550MHz

20/11/2020

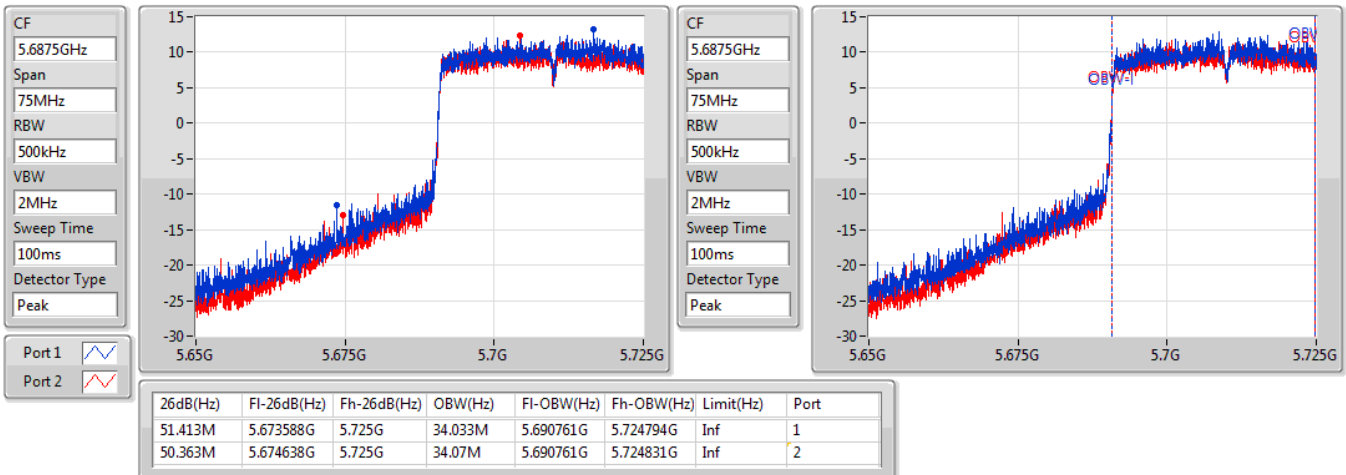


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5670MHz

20/11/2020

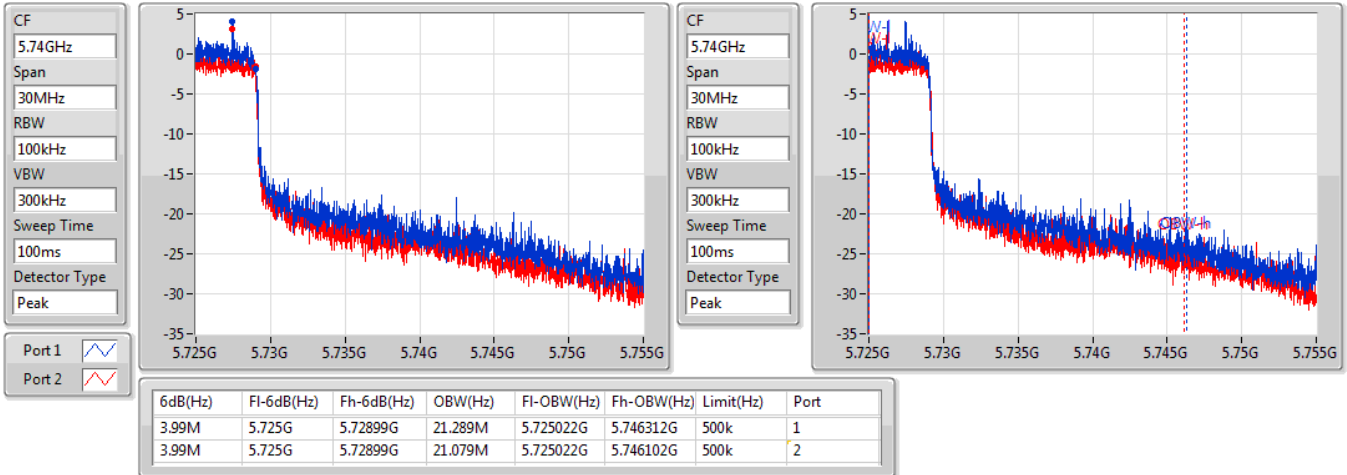

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

20/11/2020

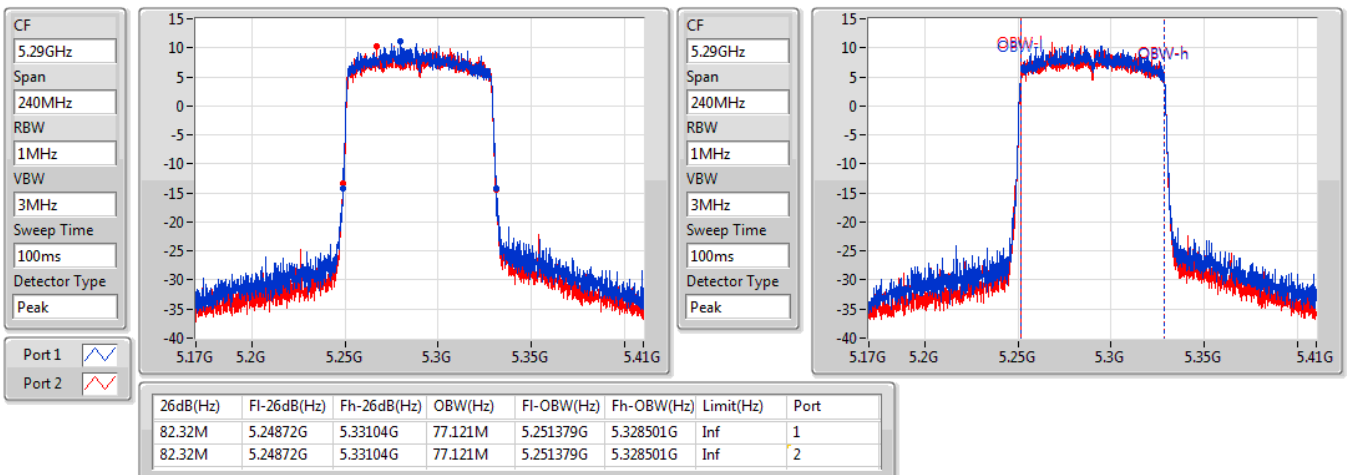


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

20/11/2020

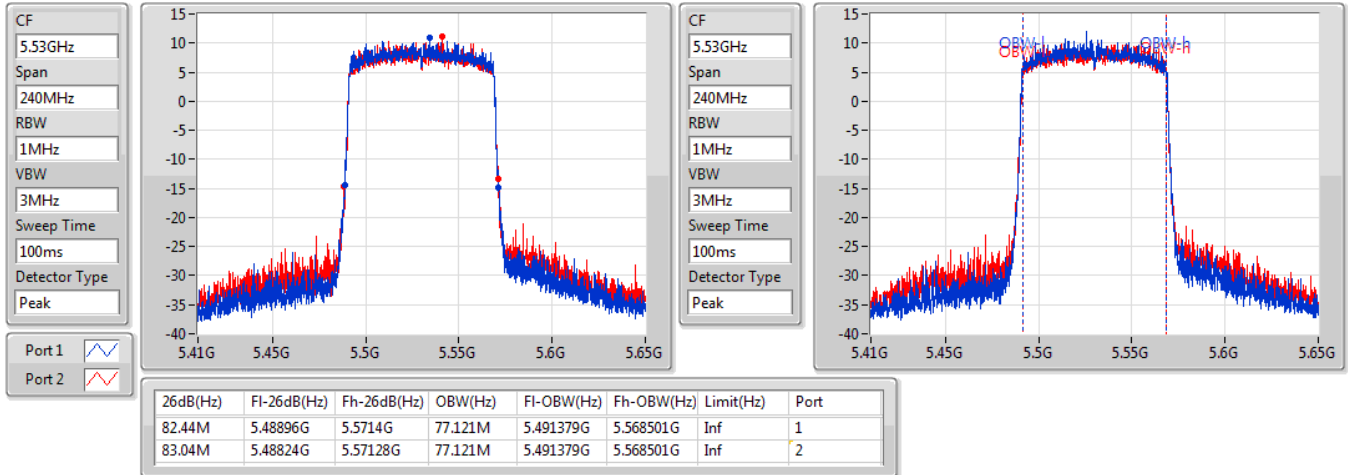

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5290MHz

20/11/2020

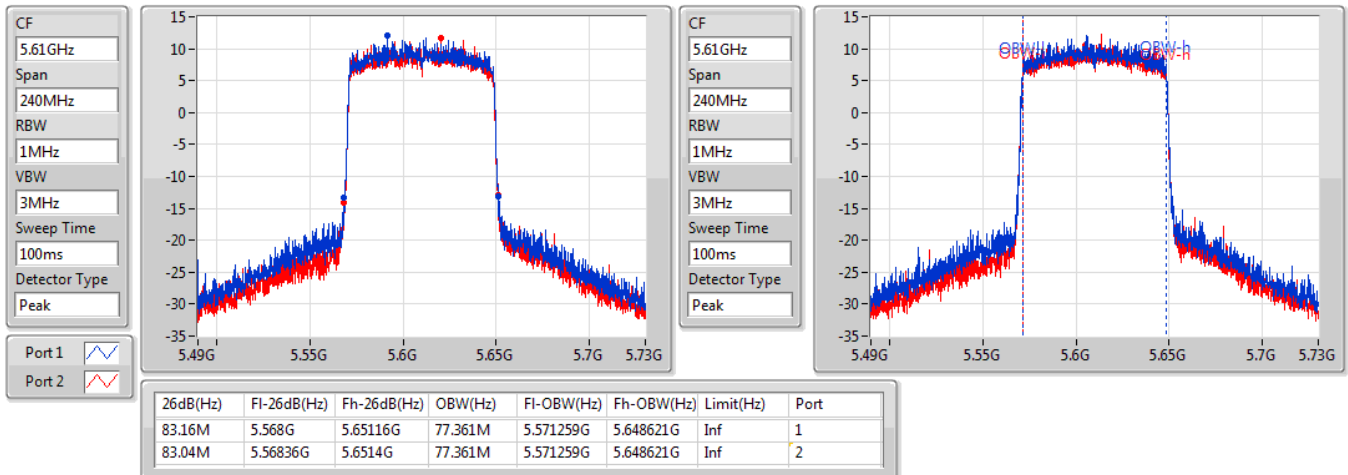


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5530MHz

20/11/2020

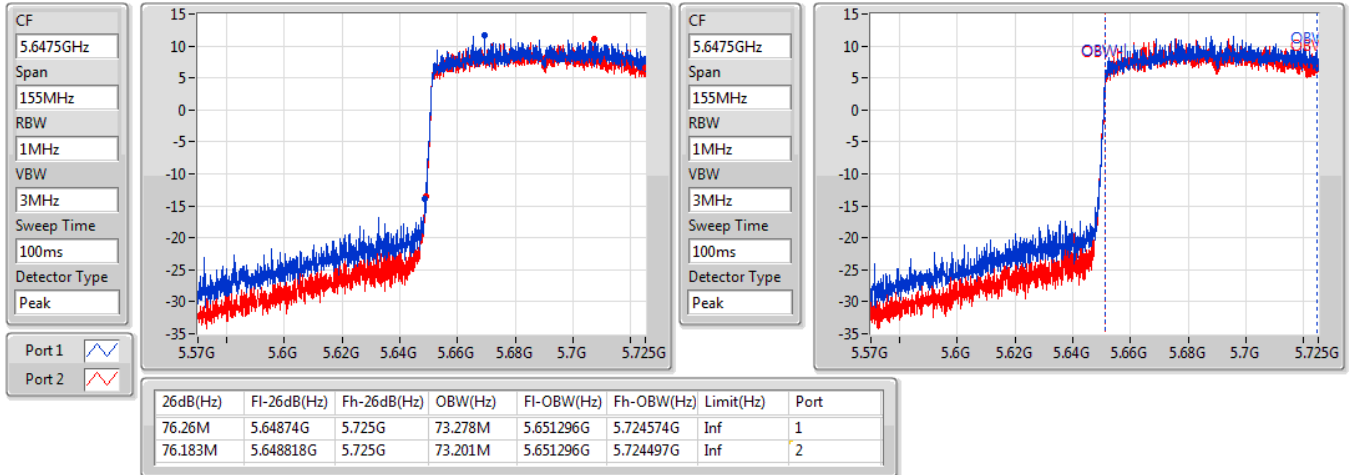

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5610MHz

22/01/2021

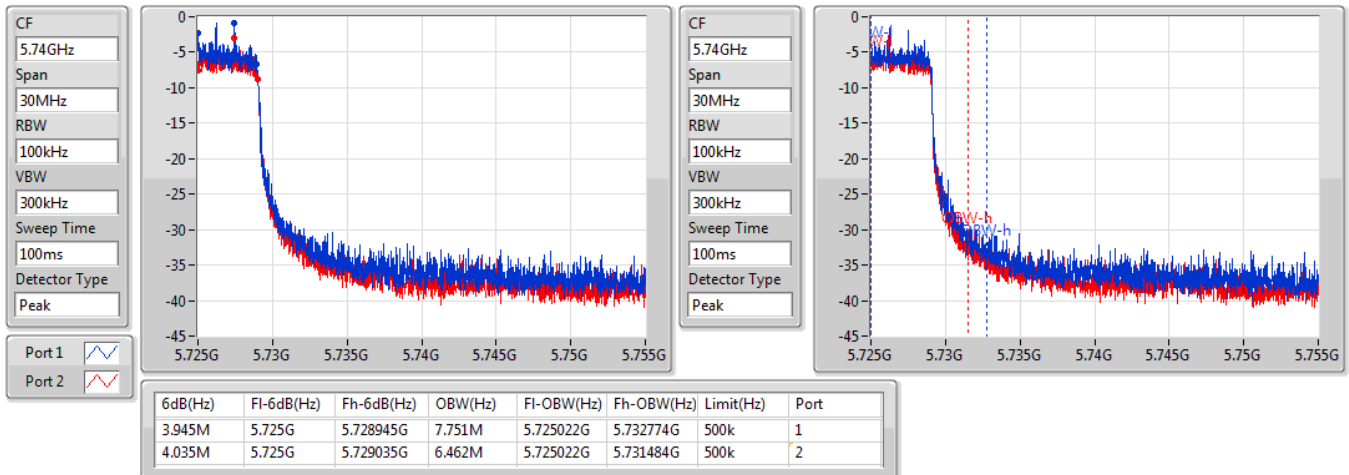


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

20/11/2020


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

20/11/2020



For beamforming mode:

For Set 1:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.41M	19.04M	19M0D1D	21.75M	18.921M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	63.06M	38.021M	38M0D1D	40.68M	37.721M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.84M	77.361M	77M4D1D	81.48M	77.121M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	31.2M	19.16M	19M2D1D	15.855M	14.465M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	57.78M	37.901M	37M9D1D	37.088M	33.771M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	81.96M	77.361M	77M4D1D	76.57M	73.278M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.41M	4.588M	4M59D1D	4.185M	4.573M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.095M	10.825M	10M8D1D	3.975M	5.502M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.975M	23.073M	23M1D1D	3.96M	19.385M

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

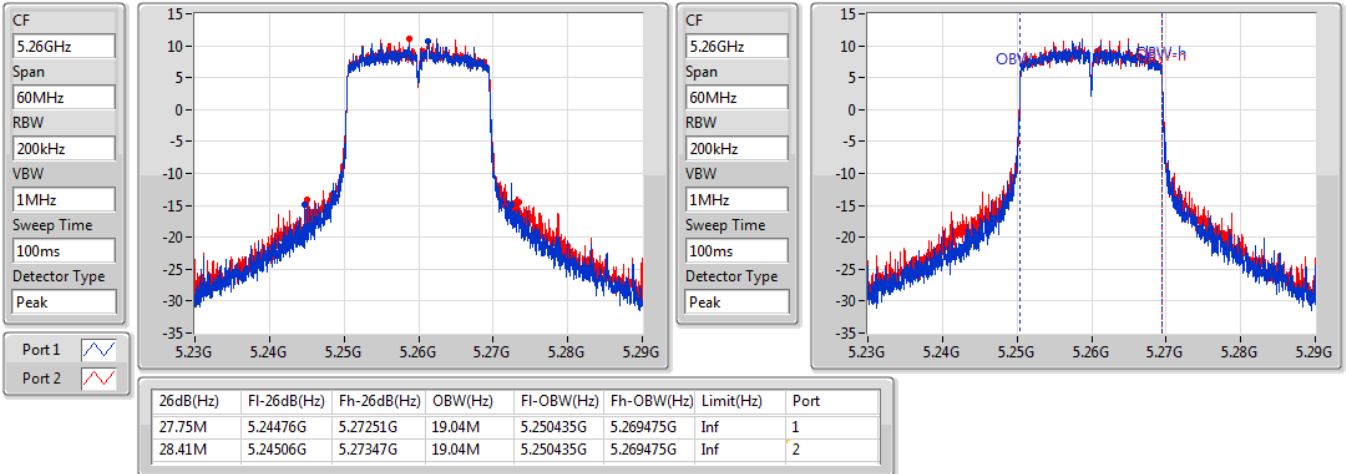
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	27.75M	19.04M	28.41M	19.04M
5300MHz	Pass	Inf	27.66M	18.981M	23.61M	18.921M
5320MHz	Pass	Inf	22.29M	18.921M	21.75M	18.921M
5500MHz	Pass	Inf	23.25M	18.951M	25.89M	19.01M
5580MHz	Pass	Inf	29.67M	19.01M	31.2M	19.16M
5700MHz	Pass	Inf	25.11M	18.981M	22.11M	18.921M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.855M	14.483M	16.888M	14.465M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.41M	4.573M	4.185M	4.588M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	63.06M	38.021M	46.8M	37.841M
5310MHz	Pass	Inf	50.04M	37.781M	40.68M	37.721M
5510MHz	Pass	Inf	49.32M	37.661M	40.8M	37.721M
5550MHz	Pass	Inf	42.48M	37.841M	40.62M	37.841M
5670MHz	Pass	Inf	57.78M	37.901M	43.38M	37.901M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	37.088M	33.771M	40.163M	33.771M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.975M	10.825M	4.095M	5.502M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	81.84M	77.361M	81.48M	77.121M
5530MHz	Pass	Inf	80.88M	77.121M	81M	77.241M
5610MHz	Pass	Inf	81.96M	77.361M	81.84M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.958M	73.433M	76.57M	73.278M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.975M	23.073M	3.96M	19.385M

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

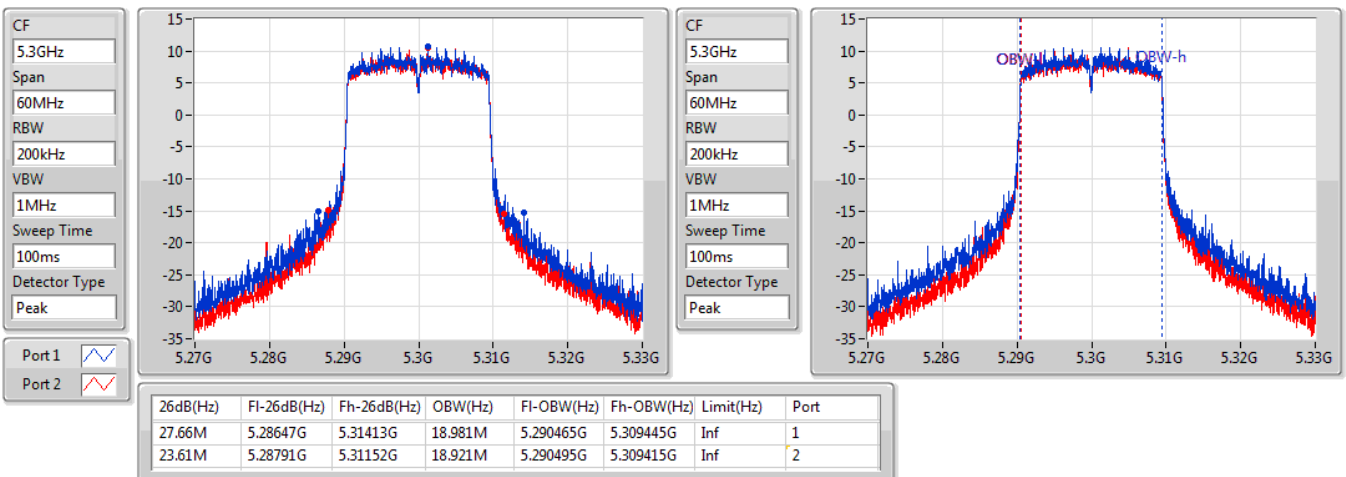
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

27/11/2020

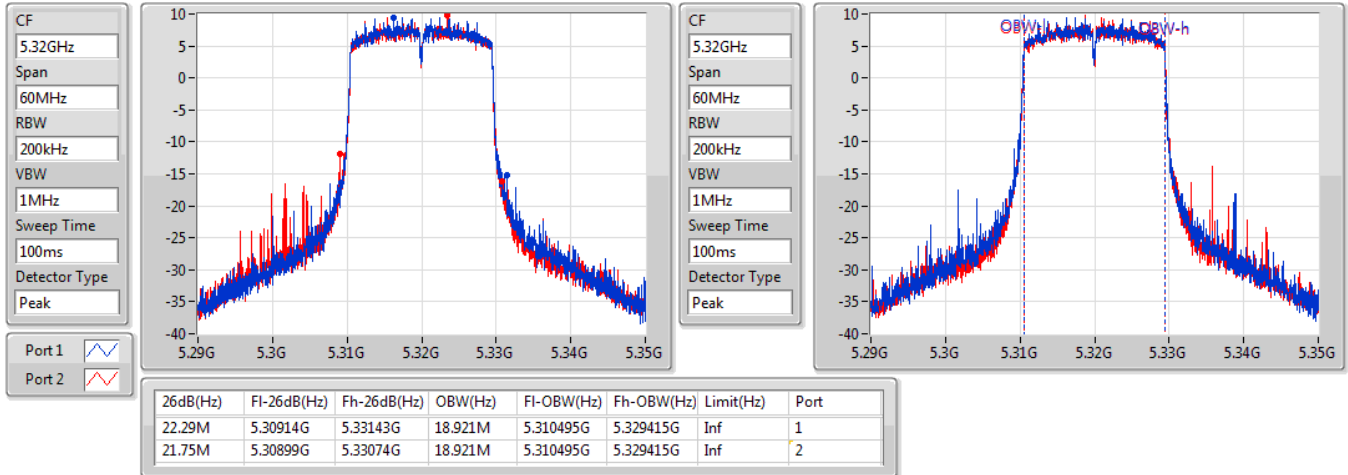

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

27/11/2020

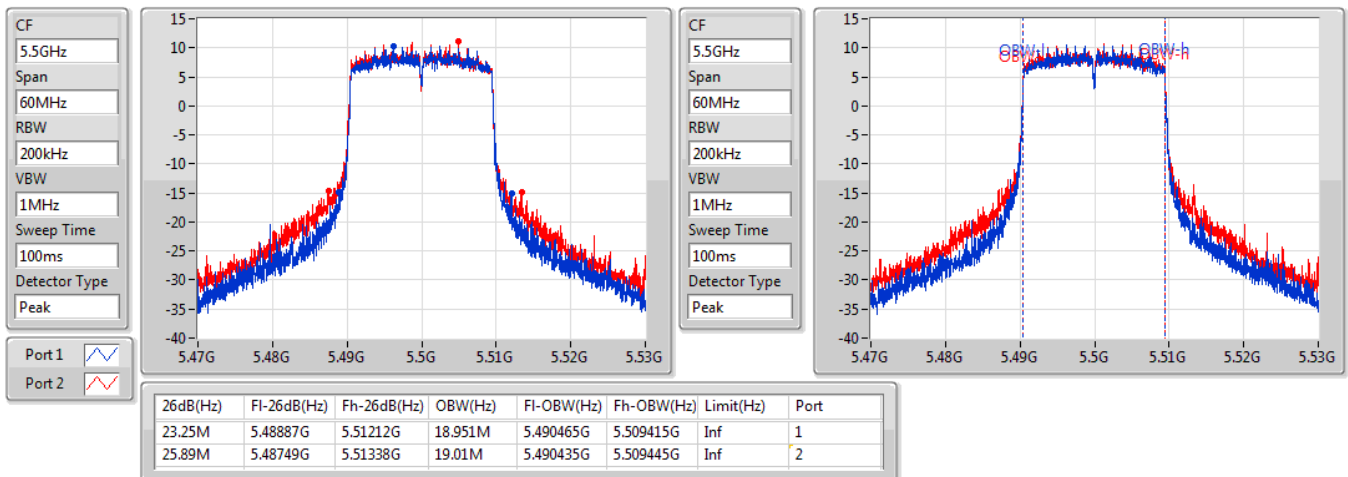


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

27/11/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

27/11/2020

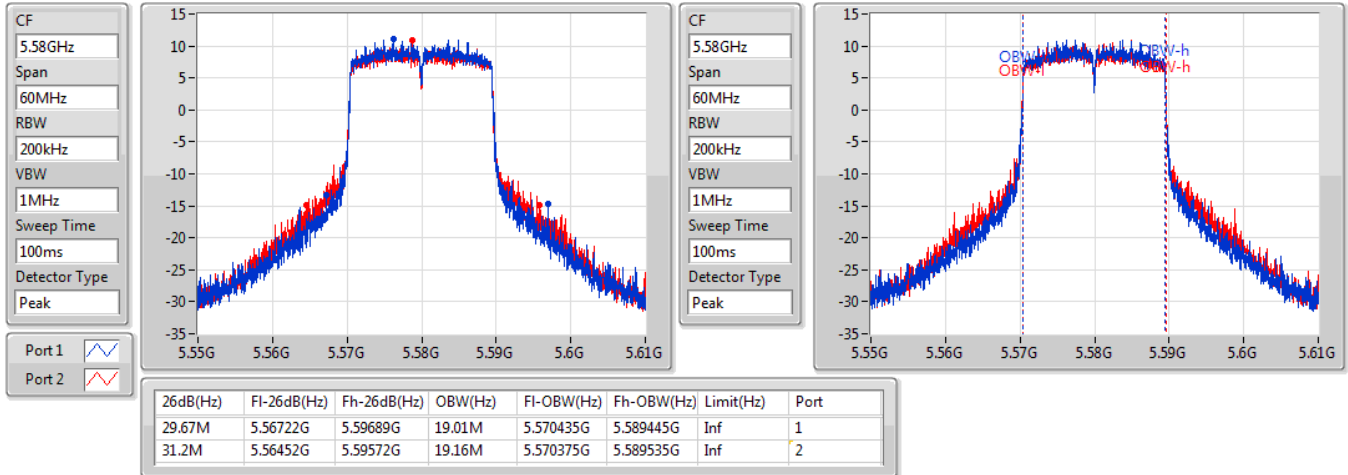


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

27/11/2020

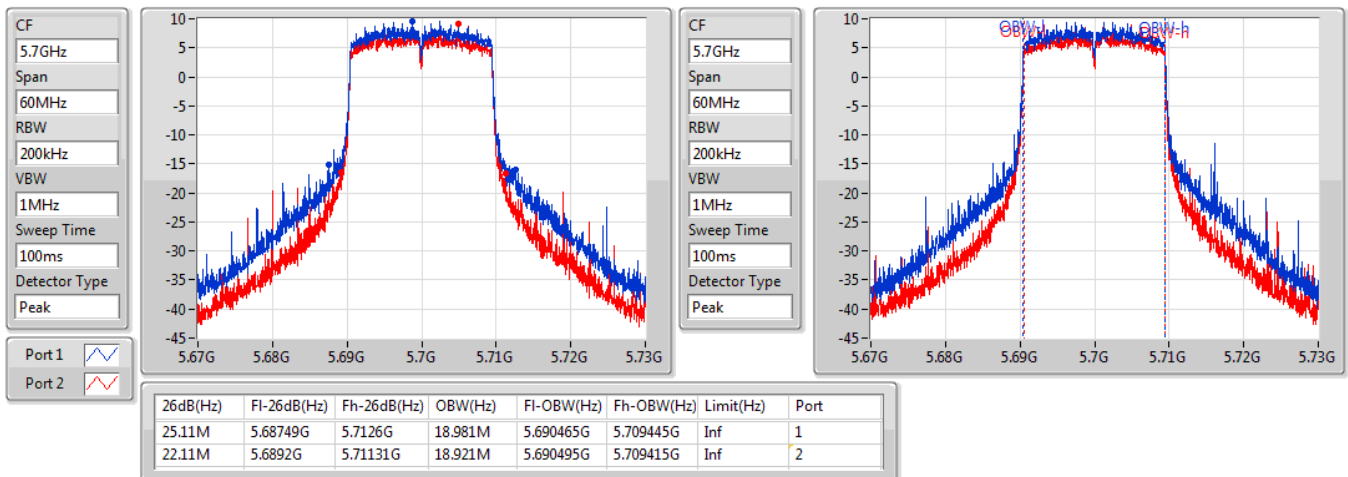


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

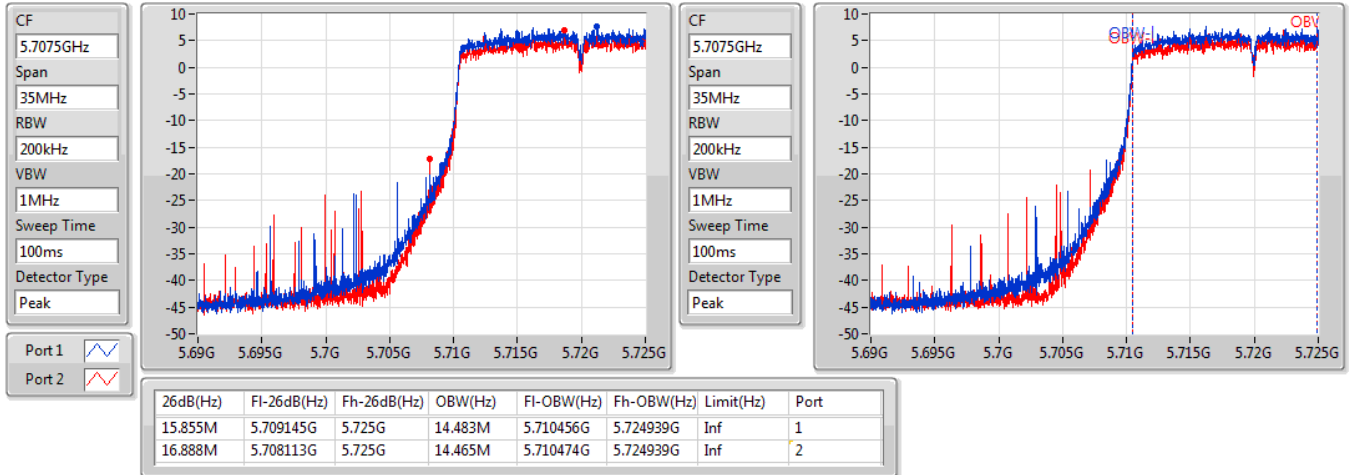
5700MHz

27/11/2020

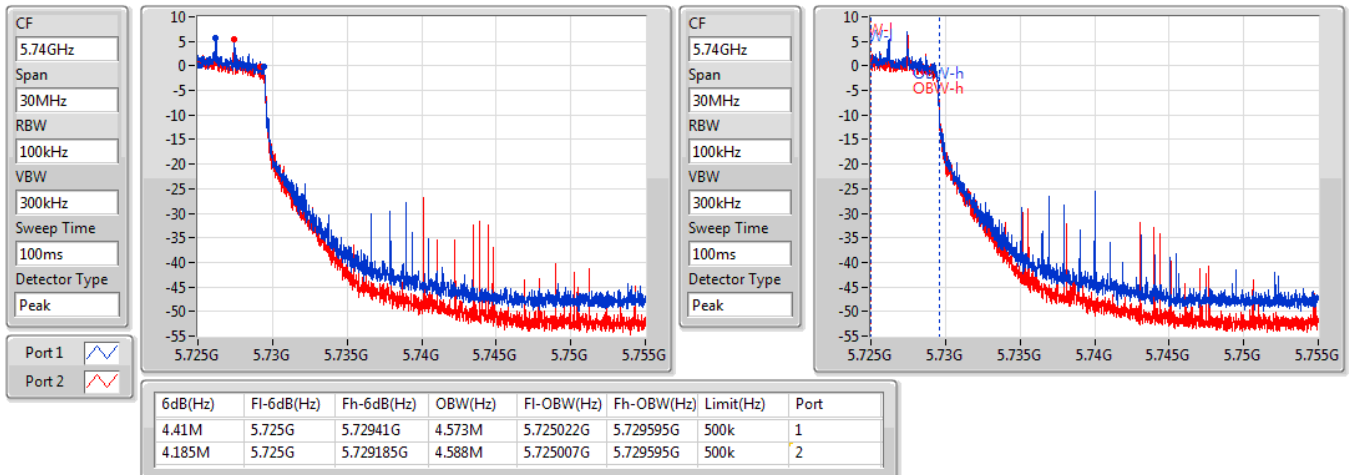


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

28/11/2020

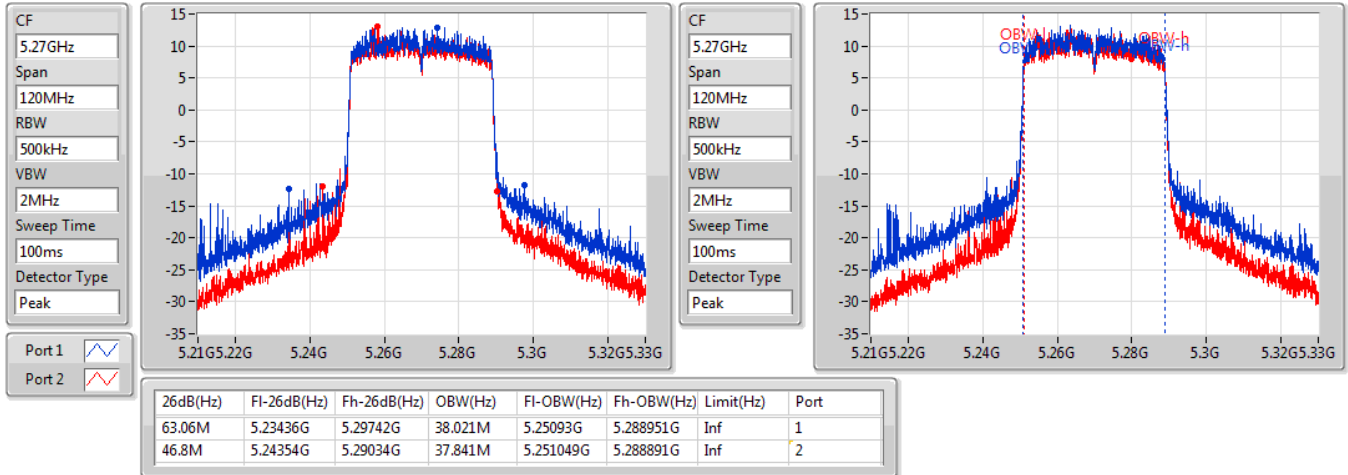

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

28/11/2020

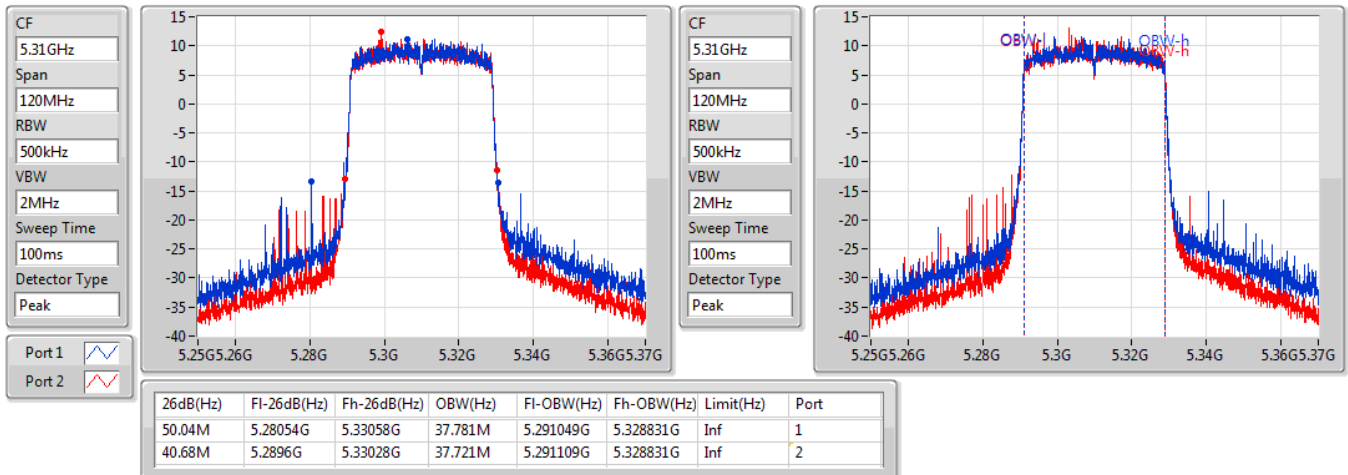


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5270MHz

28/11/2020


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5310MHz

28/11/2020

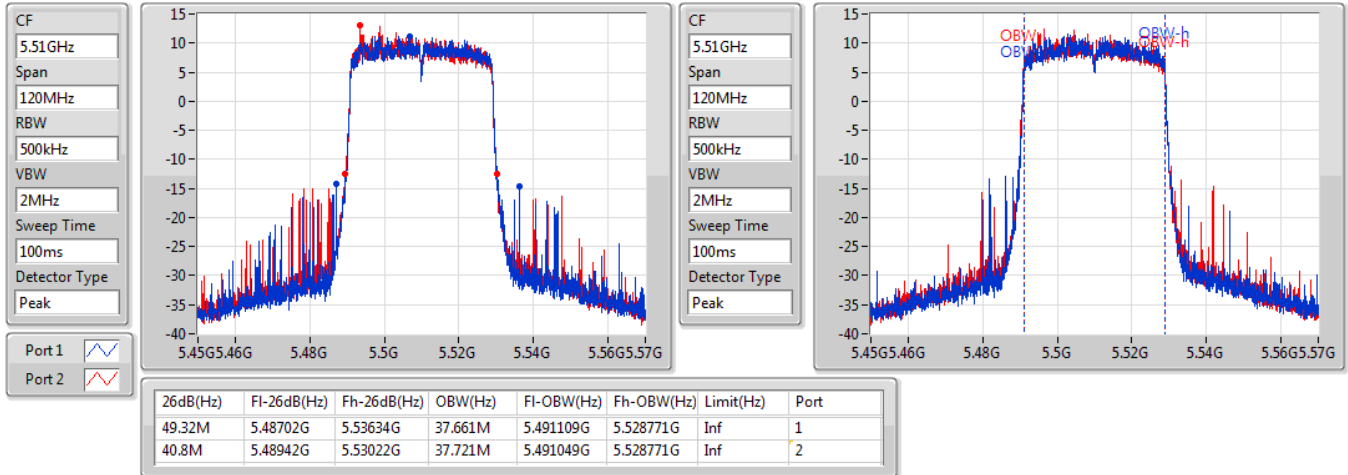


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

28/11/2020

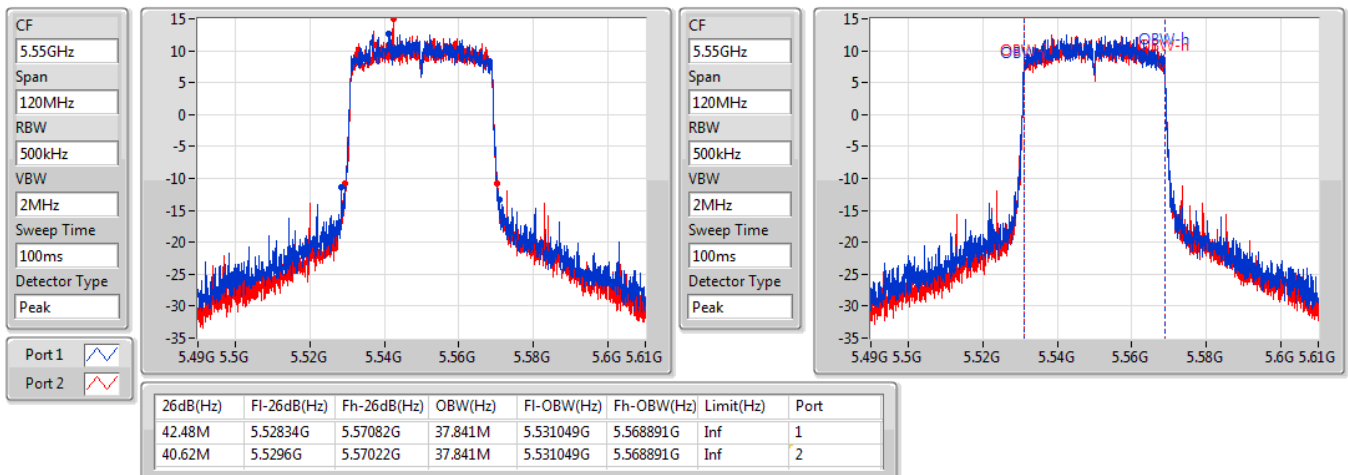


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

28/11/2020

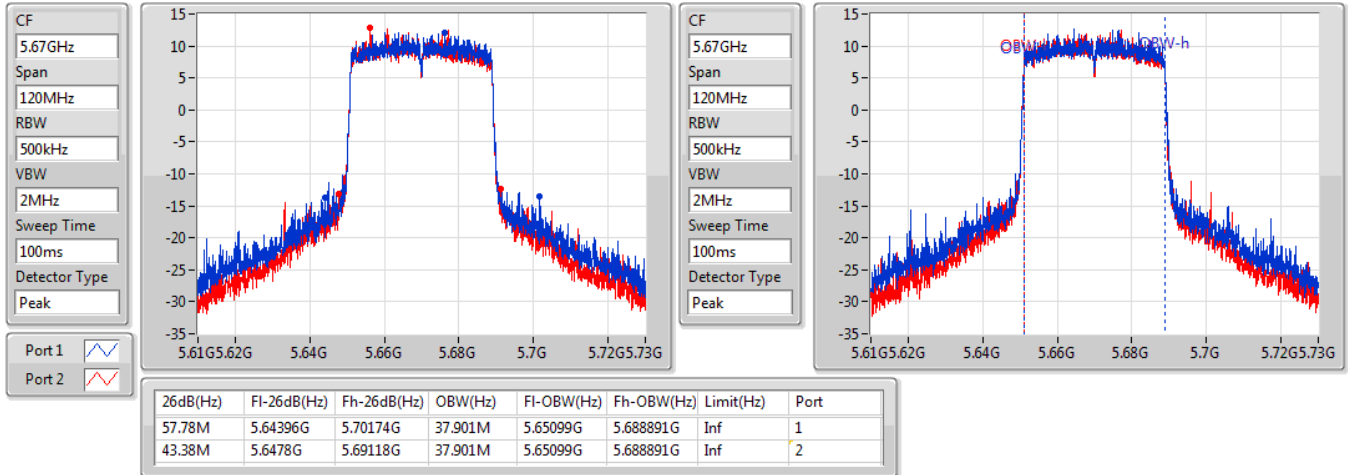


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

28/11/2020

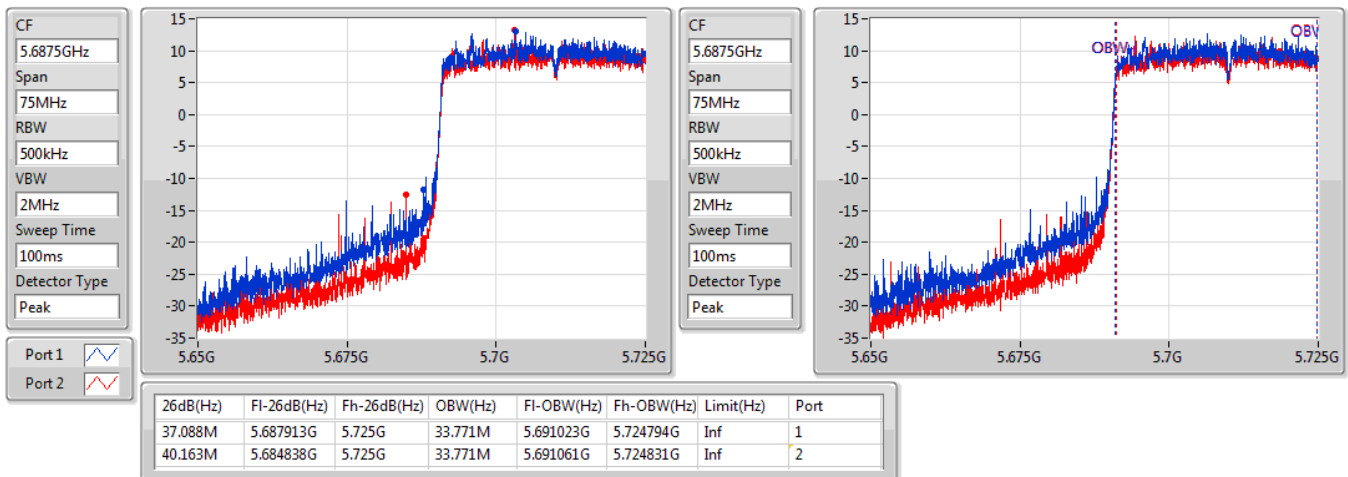


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.47-5.725GHz

28/11/2020

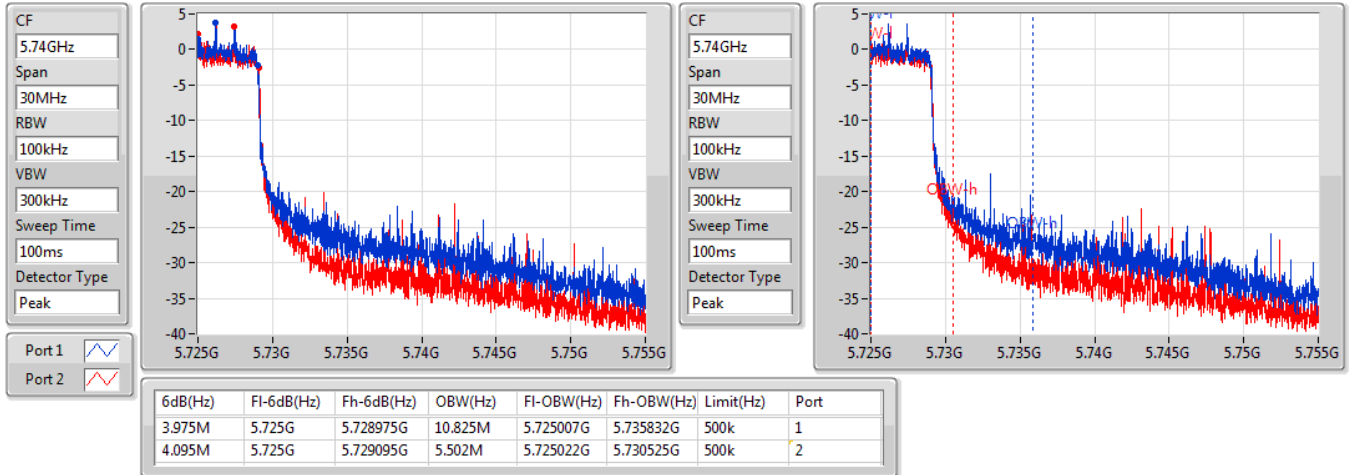


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

28/11/2020

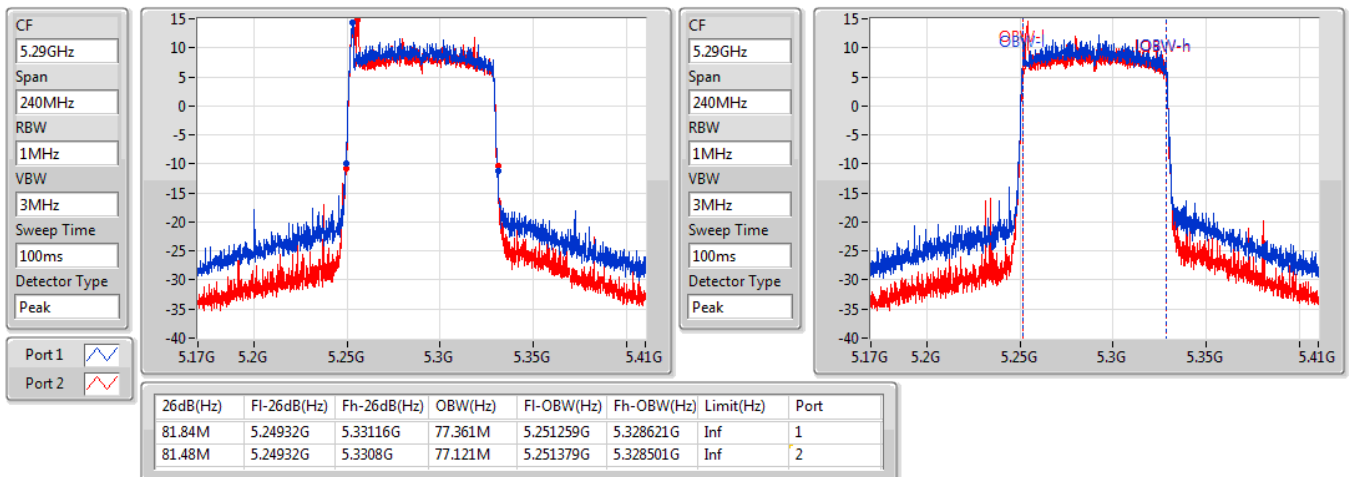


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5290MHz

28/11/2020

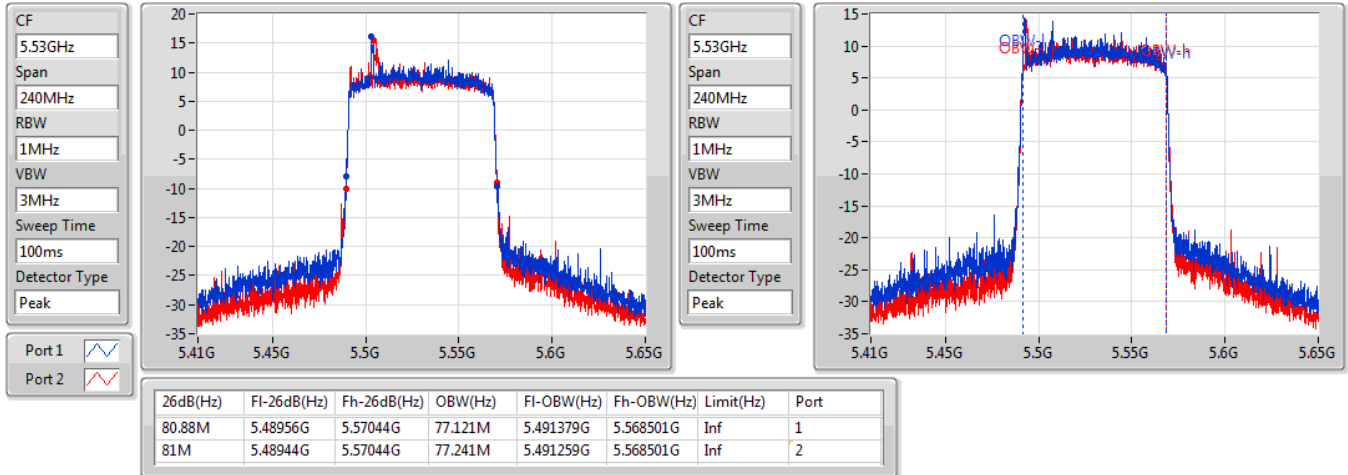


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5530MHz

28/11/2020

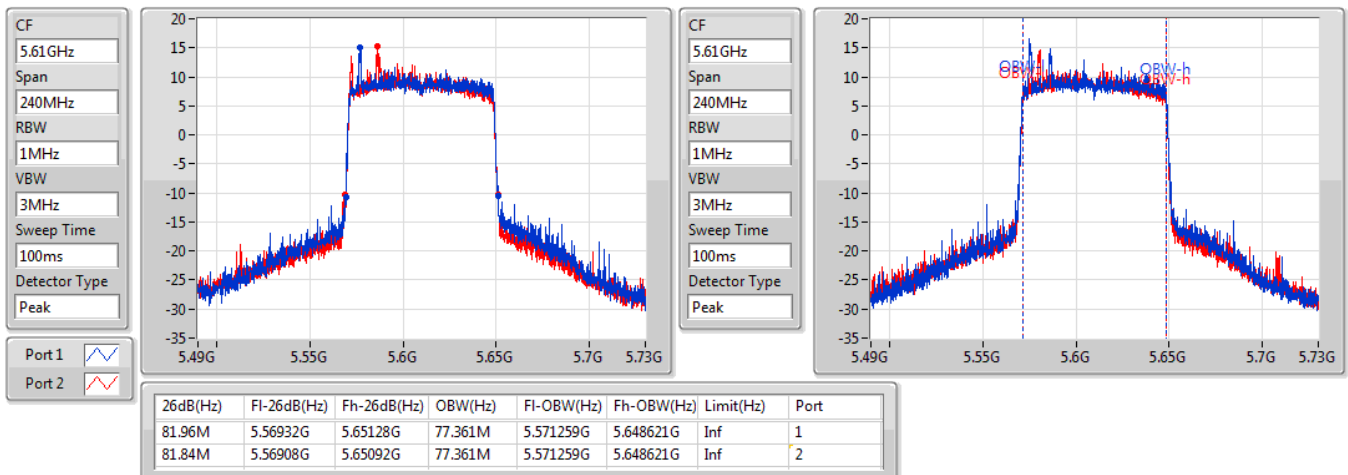


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5610MHz

23/01/2021

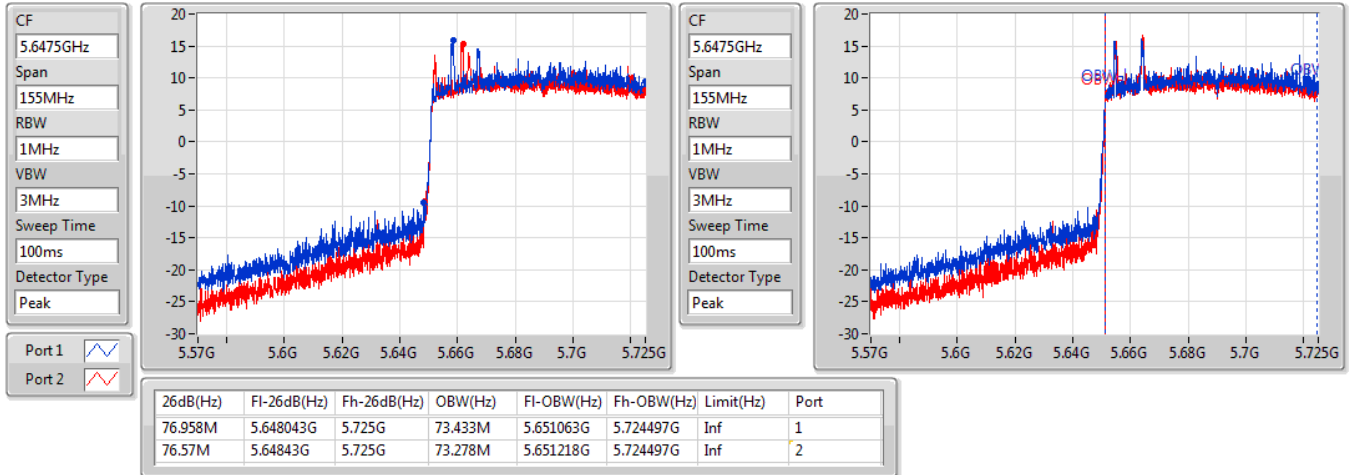


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.47-5.725GHz

28/11/2020

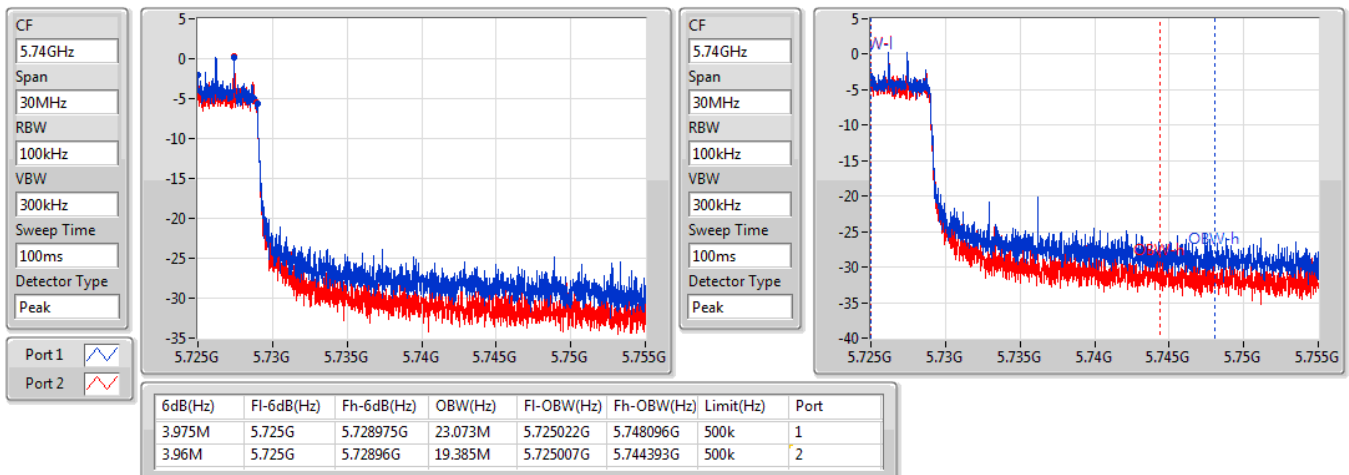


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

28/11/2020



For beamforming mode:

For Set 2:

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	28.92M	18.921M	18M9D1D	21.27M	18.891M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	40.98M	37.781M	37M8D1D	40.68M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	83.52M	77.121M	77M1D1D	82.08M	77.001M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.5M	18.951M	19M0D1D	16.713M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	44.34M	37.721M	37M7D1D	35.625M	33.771M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	106.56M	78.201M	78M2D1D	75.485M	73.278M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.41M	4.588M	4M59D1D	4.26M	4.588M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.08M	11.109M	11M1D1D	4.005M	5.757M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.975M	23.508M	23M5D1D	3.885M	19.34M

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

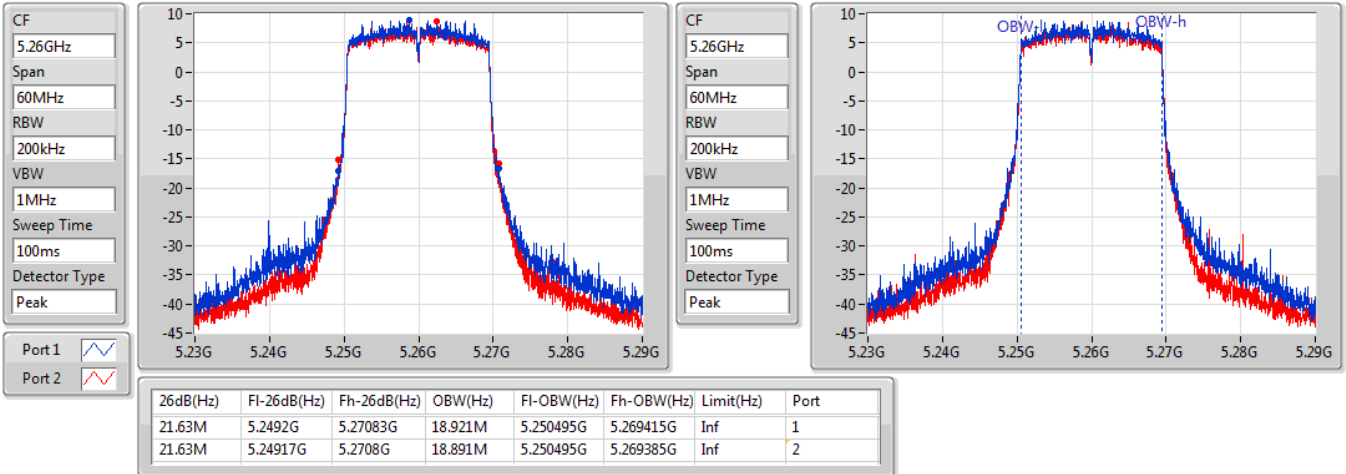
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.63M	18.921M	21.63M	18.891M
5300MHz	Pass	Inf	22.05M	18.921M	21.27M	18.921M
5320MHz	Pass	Inf	28.92M	18.921M	22.41M	18.921M
5500MHz	Pass	Inf	21.51M	18.891M	21.69M	18.921M
5580MHz	Pass	Inf	21.48M	18.951M	22.5M	18.951M
5700MHz	Pass	Inf	21.96M	18.891M	21.18M	18.891M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.73M	14.5M	16.713M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.41M	4.588M	4.26M	4.588M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40.92M	37.721M	40.68M	37.661M
5310MHz	Pass	Inf	40.98M	37.781M	40.86M	37.721M
5510MHz	Pass	Inf	42.72M	37.721M	44.34M	37.721M
5550MHz	Pass	Inf	41.28M	37.661M	40.5M	37.721M
5670MHz	Pass	Inf	41.1M	37.721M	40.86M	37.661M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.225M	33.808M	35.625M	33.771M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.005M	11.109M	4.08M	5.757M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.52M	77.121M	82.08M	77.001M
5530MHz	Pass	Inf	81.24M	77.121M	81.24M	77.121M
5610MHz	Pass	Inf	106.56M	78.201M	80.88M	77.361M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	85.715M	73.433M	75.485M	73.278M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.975M	23.508M	3.885M	19.34M

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

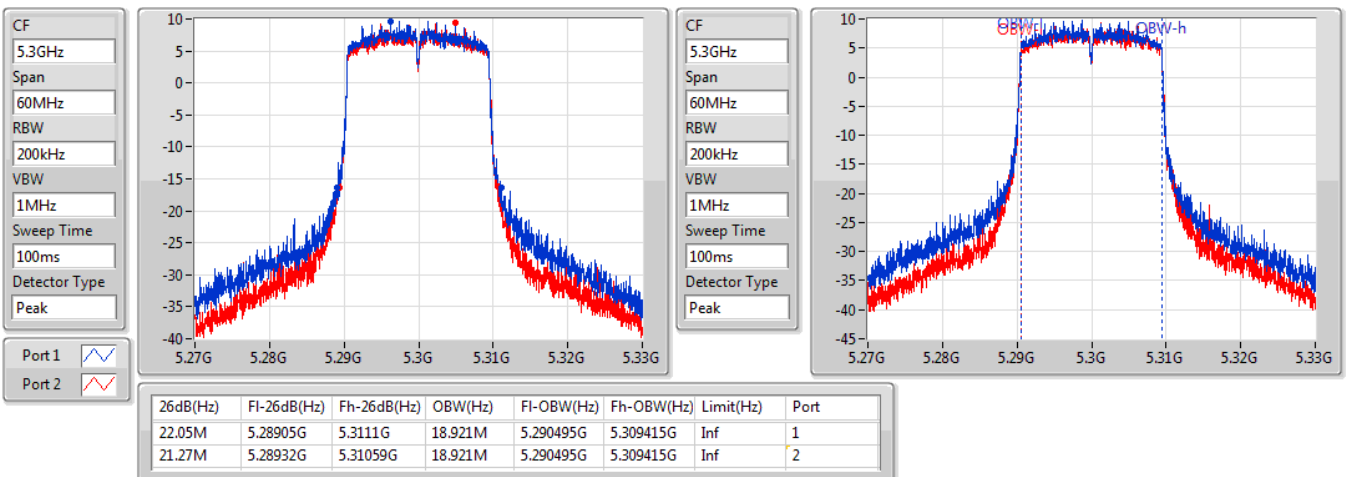
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

27/11/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

27/11/2020

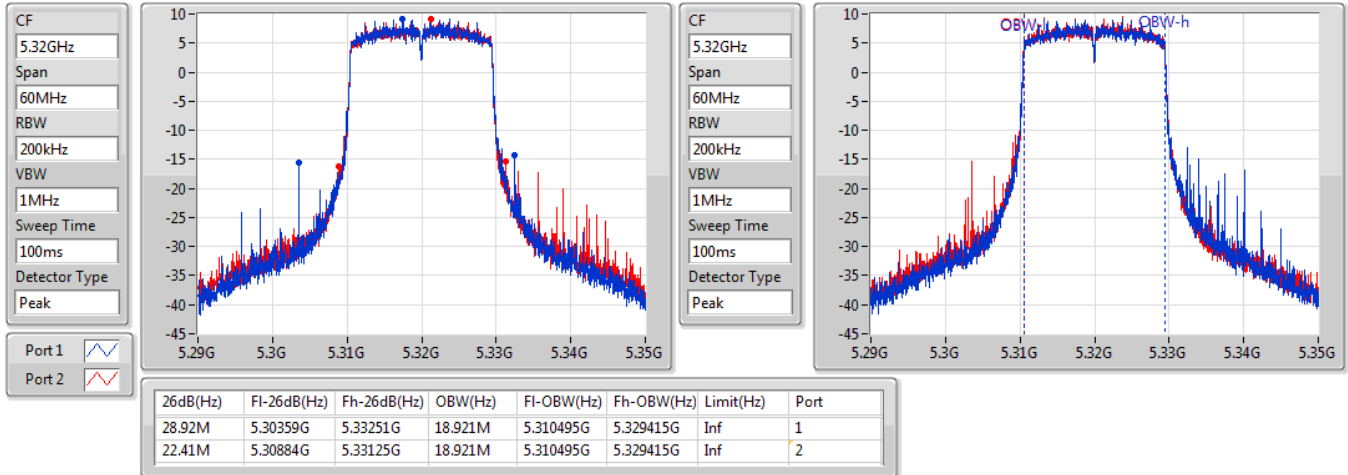


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5320MHz

27/11/2020

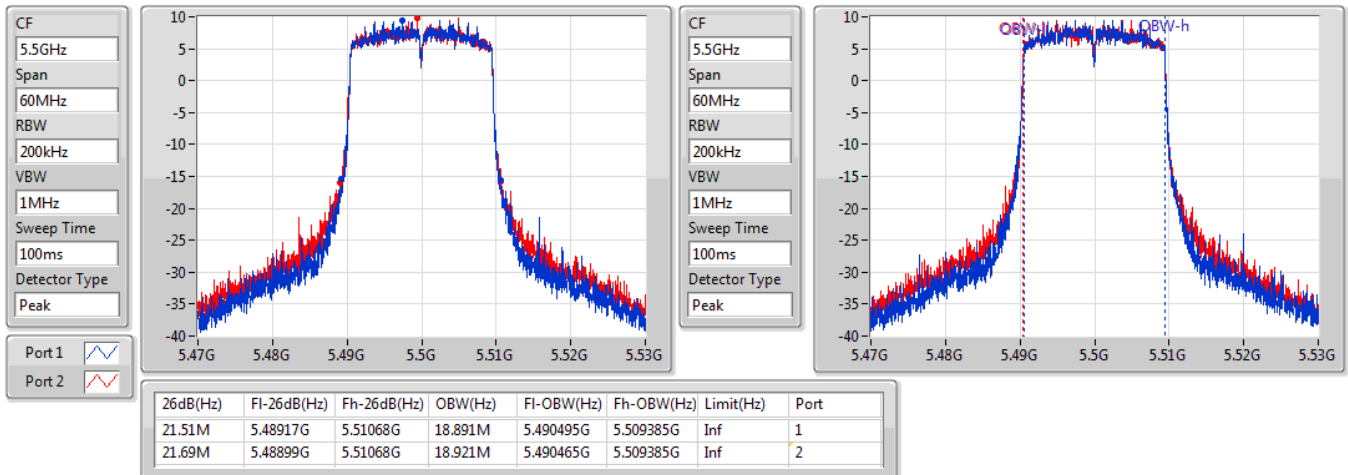


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5500MHz

27/11/2020

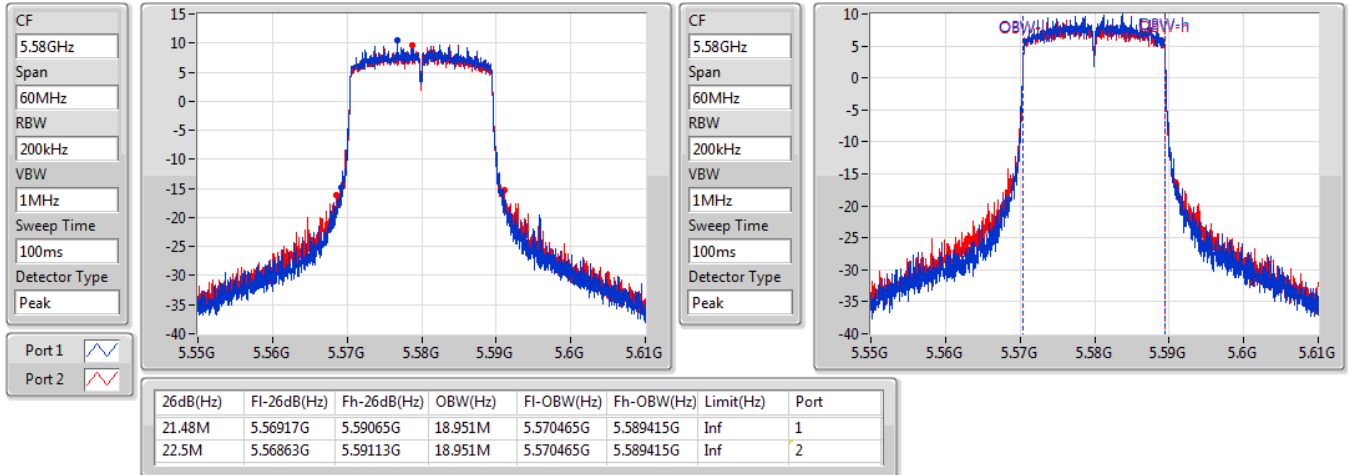


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

27/11/2020

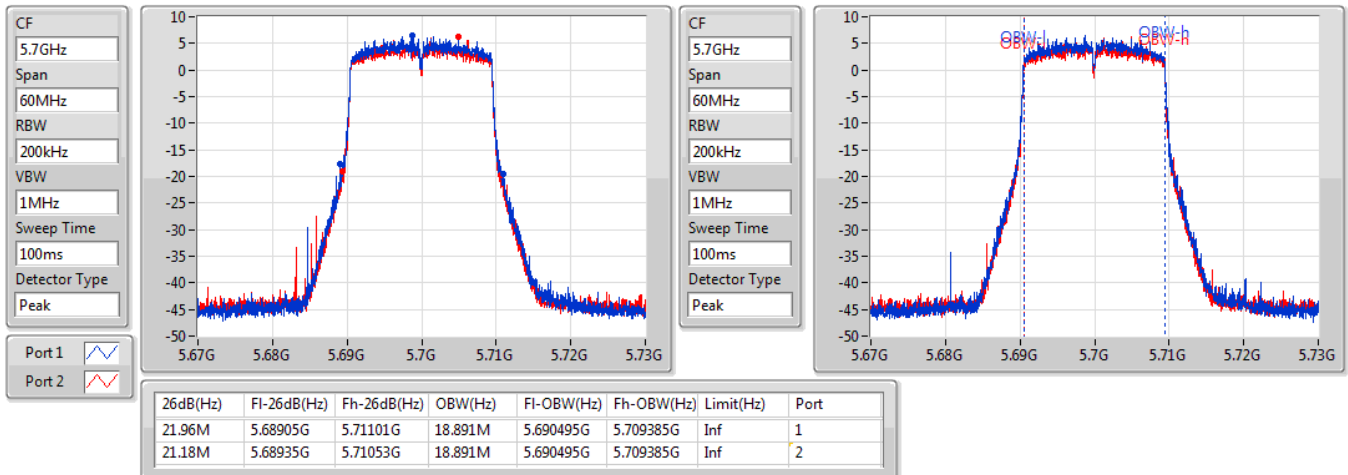


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

EBW

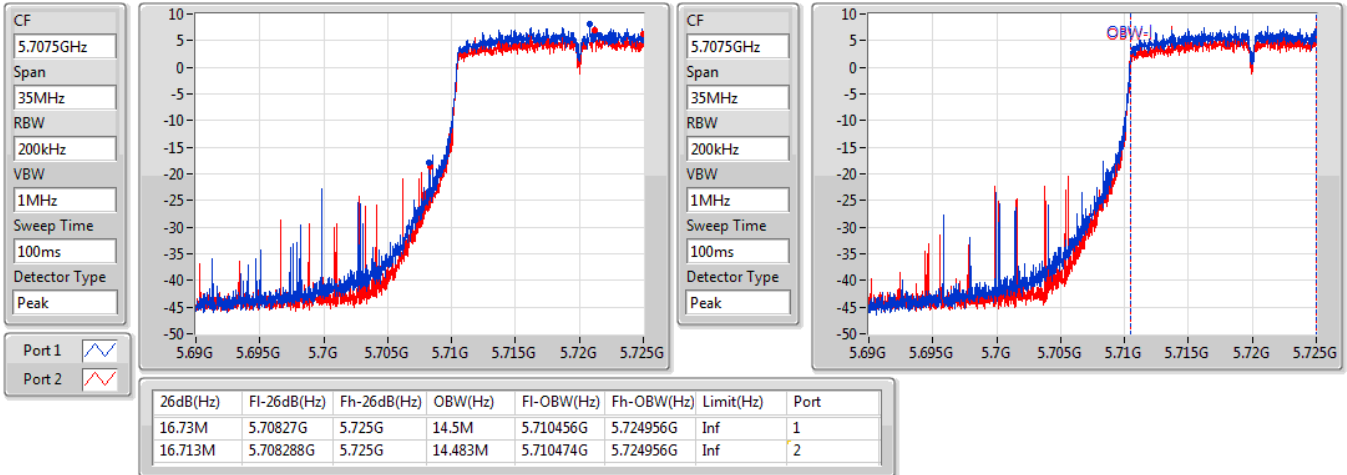
5700MHz

27/11/2020

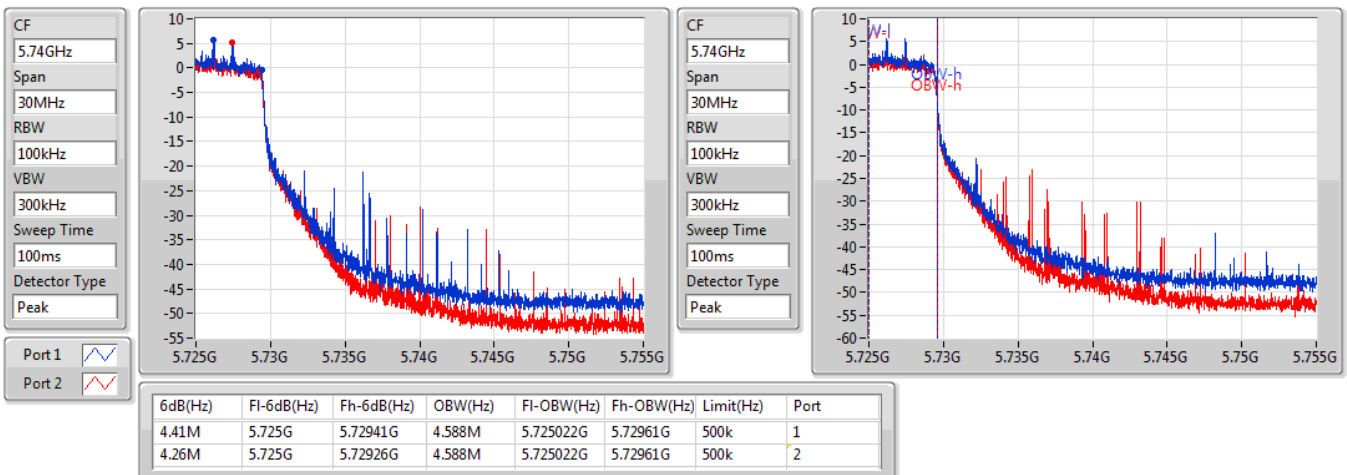


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

28/11/2020


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

28/11/2020

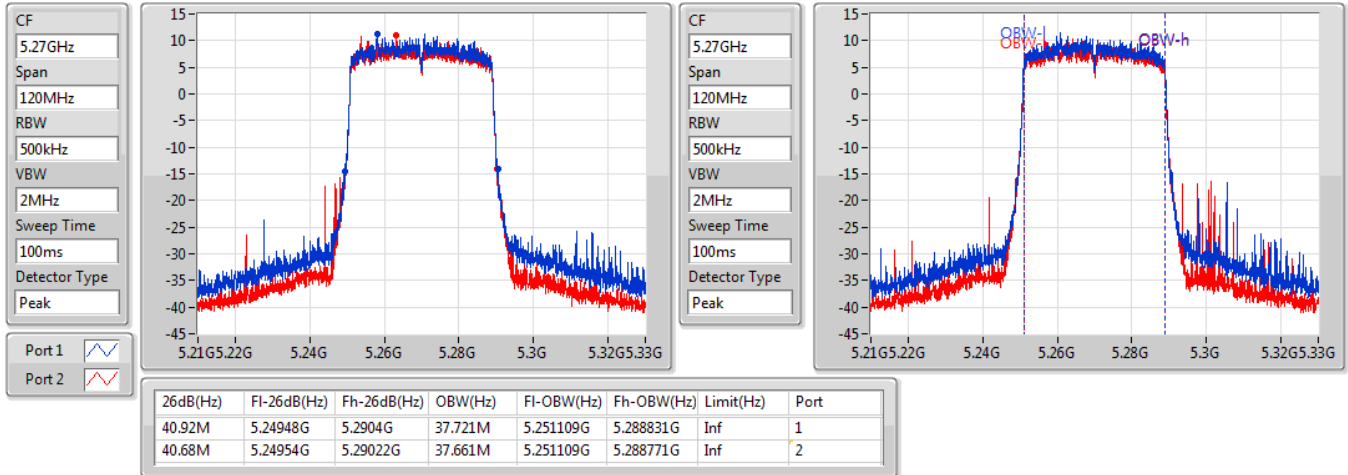


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

28/11/2020

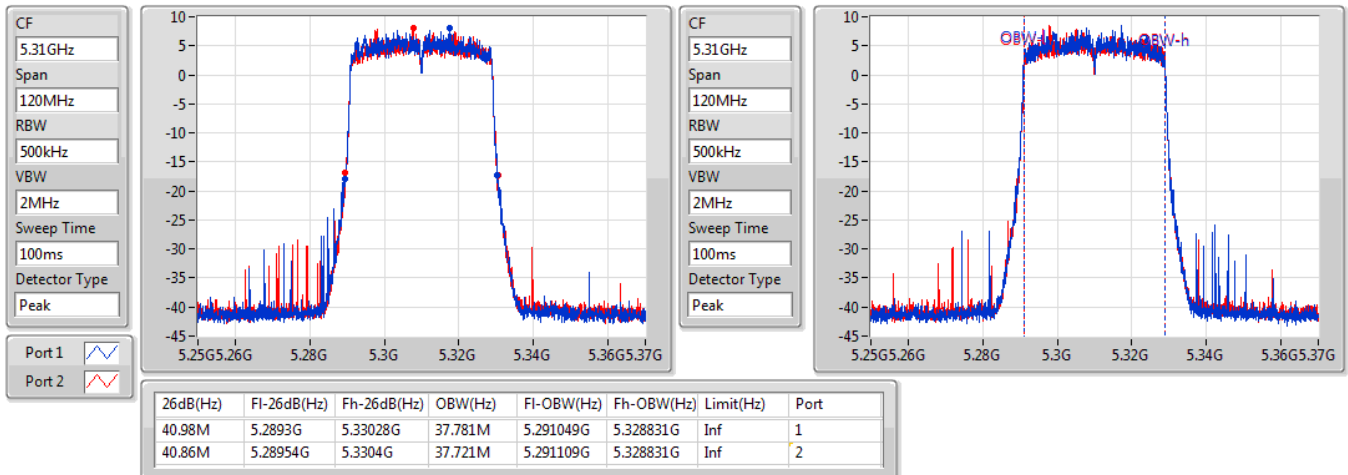


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5310MHz

28/11/2020

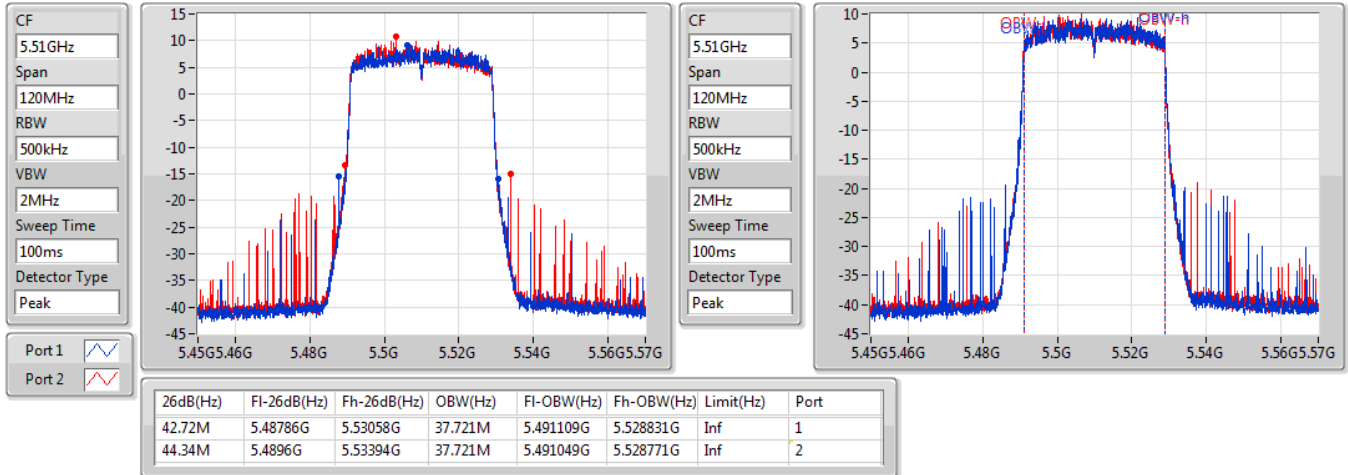


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5510MHz

28/11/2020

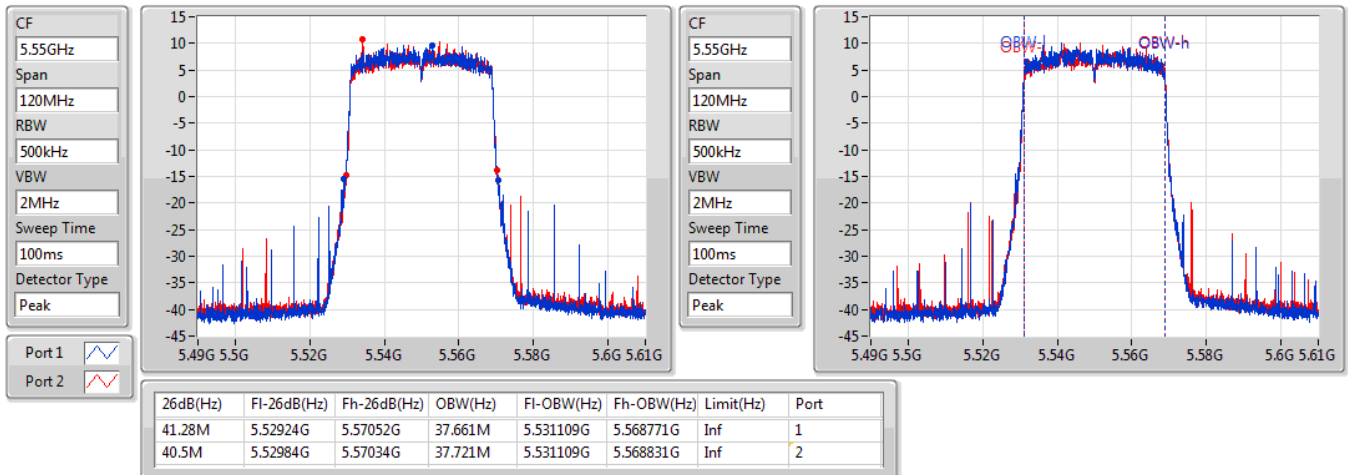


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5550MHz

28/11/2020

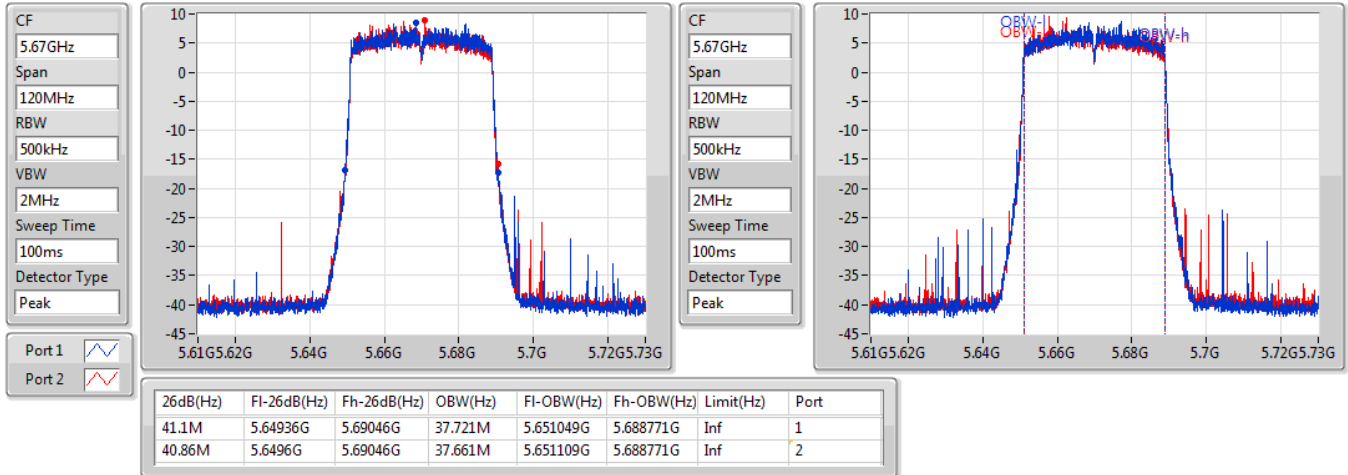


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

5670MHz

28/11/2020

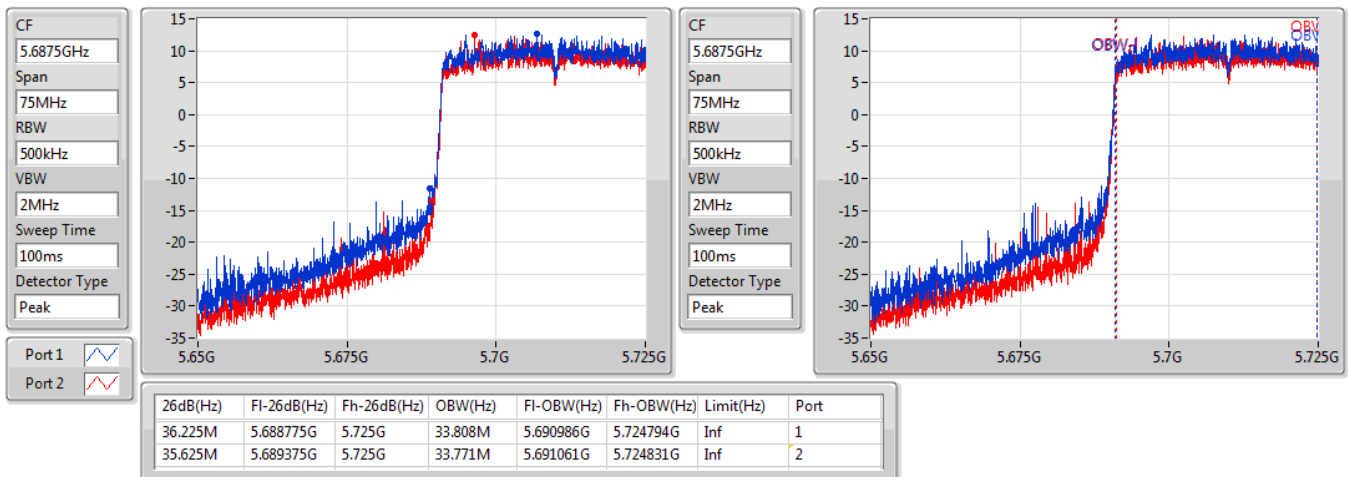


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

EBW

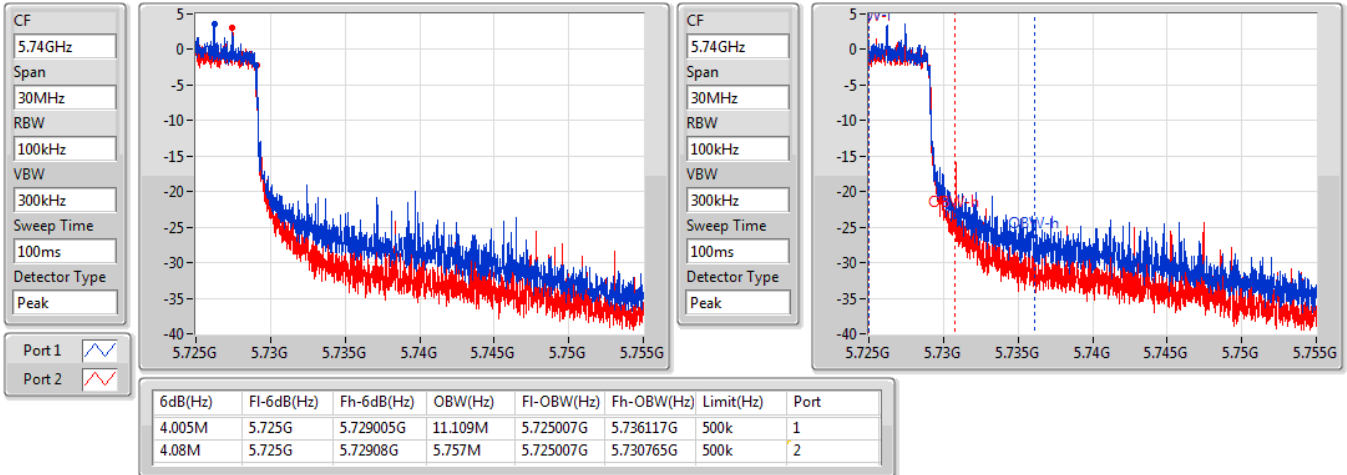
5710MHz Straddle 5.47-5.725GHz

28/11/2020

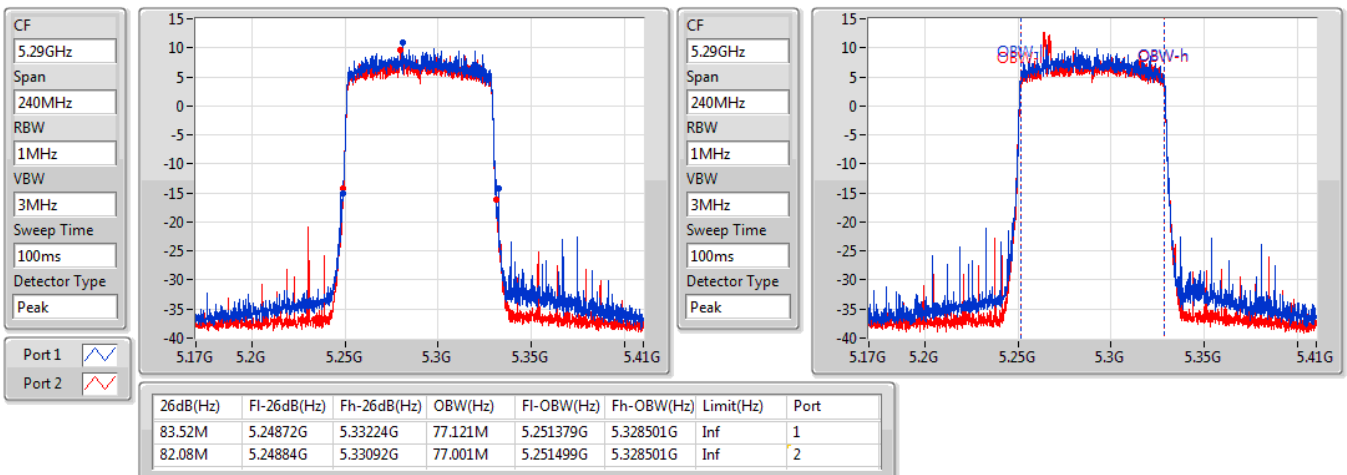


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

28/11/2020

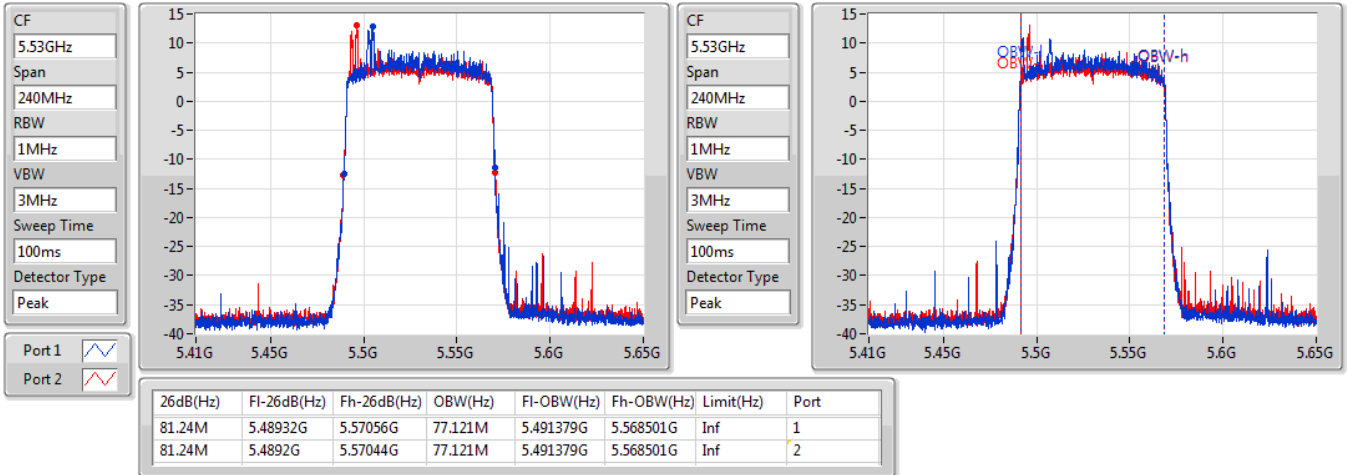

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5290MHz

28/11/2020

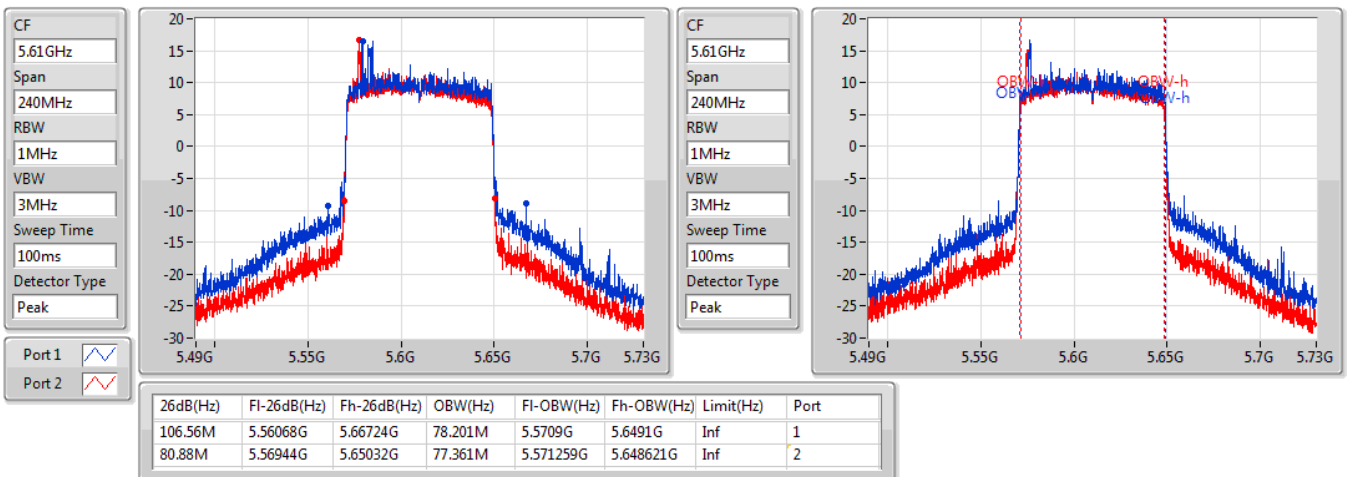


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

28/11/2020

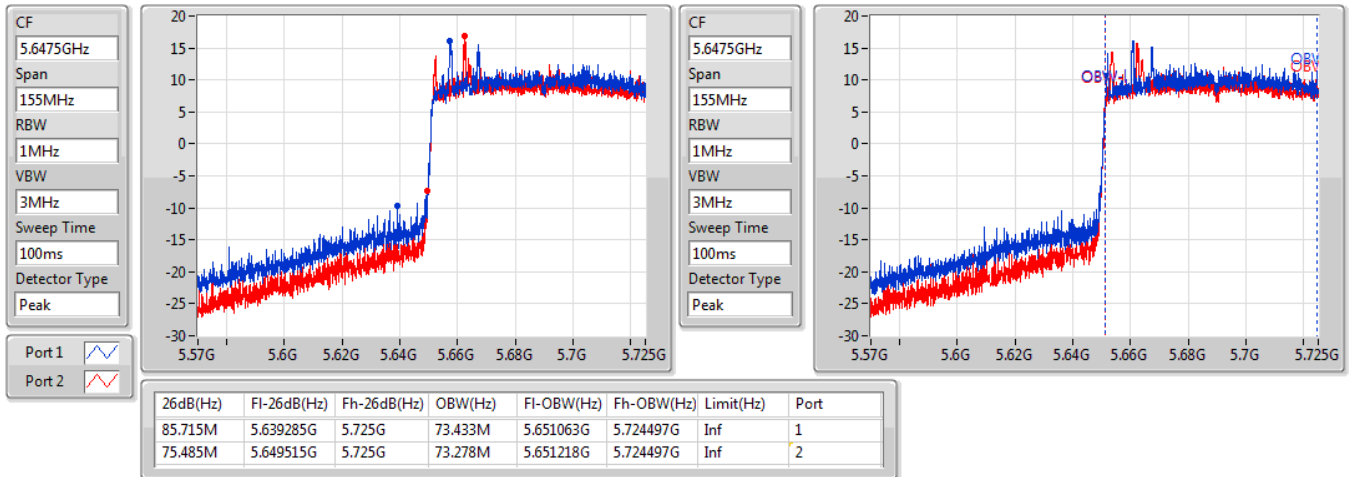

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

23/01/2021

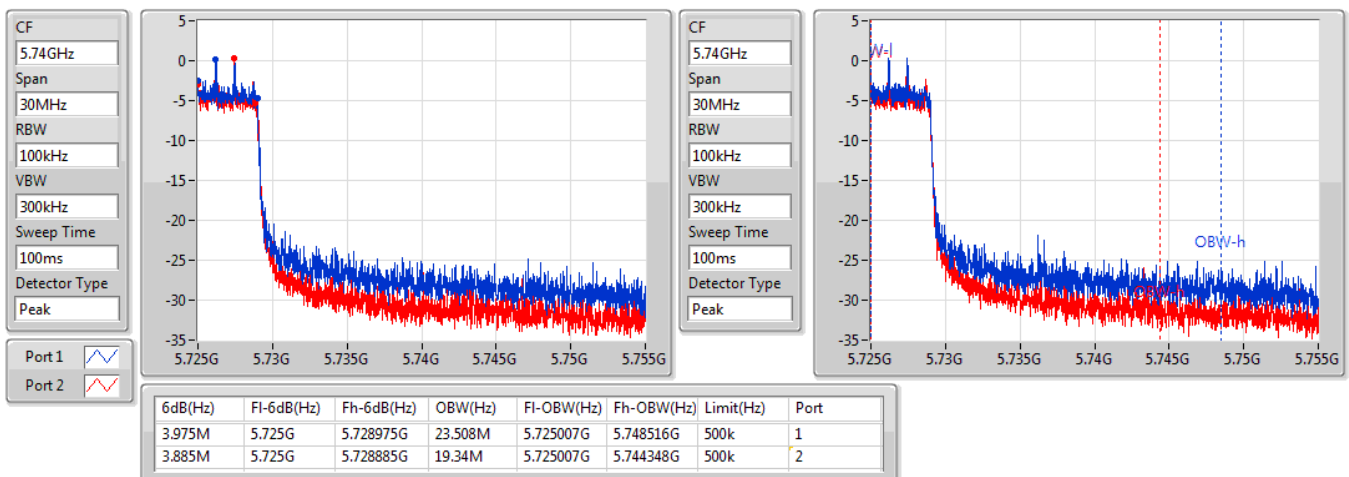


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

28/11/2020


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

28/11/2020





For non-beamforming mode:

For Set 1:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.59	0.22856
802.11ax HEW20_Nss1,(MCS0)_2TX	23.32	0.21478
802.11ax HEW40_Nss1,(MCS0)_2TX	22.66	0.18450
802.11ax HEW80_Nss1,(MCS0)_2TX	20.71	0.11776
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.01	0.19999
802.11ax HEW20_Nss1,(MCS0)_2TX	23.21	0.20941
802.11ax HEW40_Nss1,(MCS0)_2TX	23.26	0.21184
802.11ax HEW80_Nss1,(MCS0)_2TX	22.11	0.16255
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.36	0.03436
802.11ax HEW20_Nss1,(MCS0)_2TX	15.63	0.03656
802.11ax HEW40_Nss1,(MCS0)_2TX	11.95	0.01567
802.11ax HEW80_Nss1,(MCS0)_2TX	8.71	0.00743

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	1.25	20.65	20.51	23.59	23.98
5300MHz	Pass	1.25	20.41	20.03	23.23	23.98
5320MHz	Pass	1.25	18.75	18.58	21.68	23.98
5500MHz	Pass	1.15	20.02	19.97	23.01	23.98
5580MHz	Pass	1.15	20.12	19.64	22.90	23.98
5700MHz	Pass	1.15	18.93	18.56	21.76	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	1.15	18.89	18.01	21.48	23.50
5720MHz Straddle 5.725-5.85GHz	Pass	0.90	12.76	11.89	15.36	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	1.25	20.39	20.22	23.32	23.98
5300MHz	Pass	1.25	20.16	19.87	23.03	23.98
5320MHz	Pass	1.25	18.79	18.61	21.71	23.98
5500MHz	Pass	1.15	19.52	19.58	22.56	23.98
5580MHz	Pass	1.15	20.43	19.96	23.21	23.98
5700MHz	Pass	1.15	19.02	18.61	21.83	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	1.15	18.20	17.33	20.80	23.52
5720MHz Straddle 5.725-5.85GHz	Pass	0.90	13.15	12.01	15.63	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	1.25	19.83	19.47	22.66	23.98
5310MHz	Pass	1.25	17.93	17.66	20.81	23.98
5510MHz	Pass	1.15	18.65	18.57	21.62	23.98
5550MHz	Pass	1.15	20.35	20.14	23.26	23.98
5670MHz	Pass	1.15	18.61	18.13	21.39	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	1.15	18.93	18.18	21.58	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	0.90	9.49	8.32	11.95	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	1.25	17.82	17.57	20.71	23.98
5530MHz	Pass	1.15	17.97	17.72	20.86	23.98
5610MHz	Pass	1.15	19.04	18.56	21.82	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	1.15	19.36	18.83	22.11	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	0.90	6.02	5.35	8.71	30.00

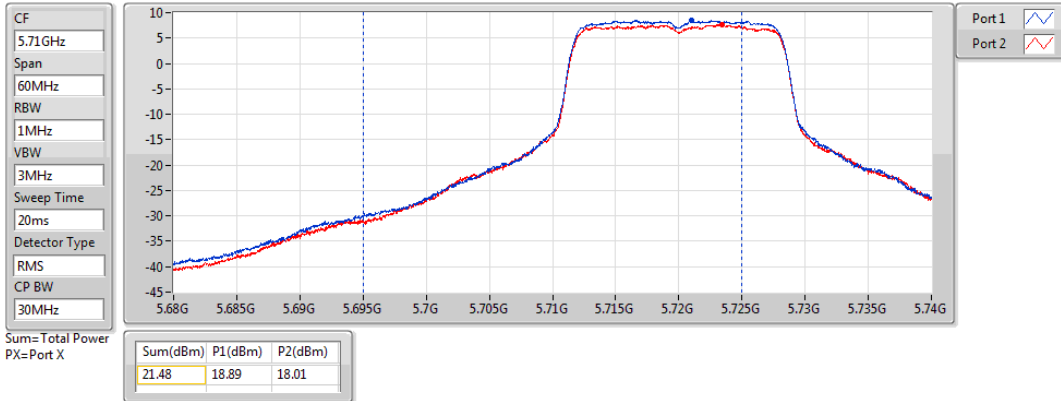
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

20/11/2020

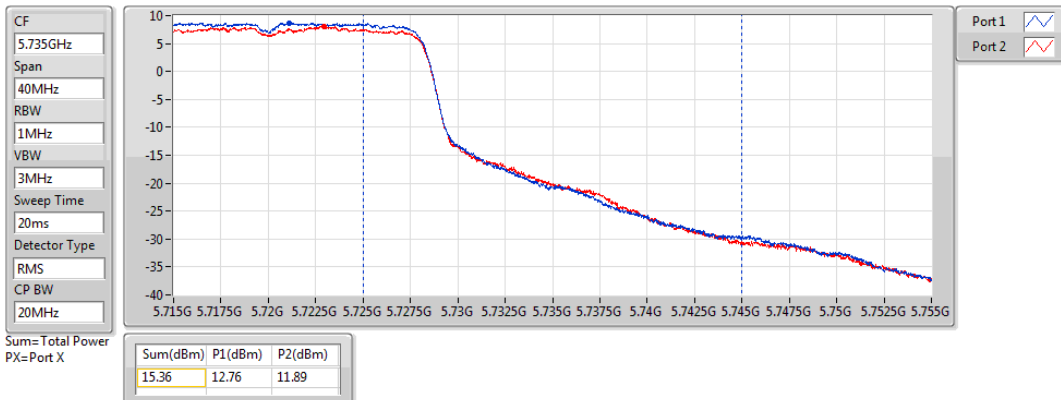


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

20/11/2020

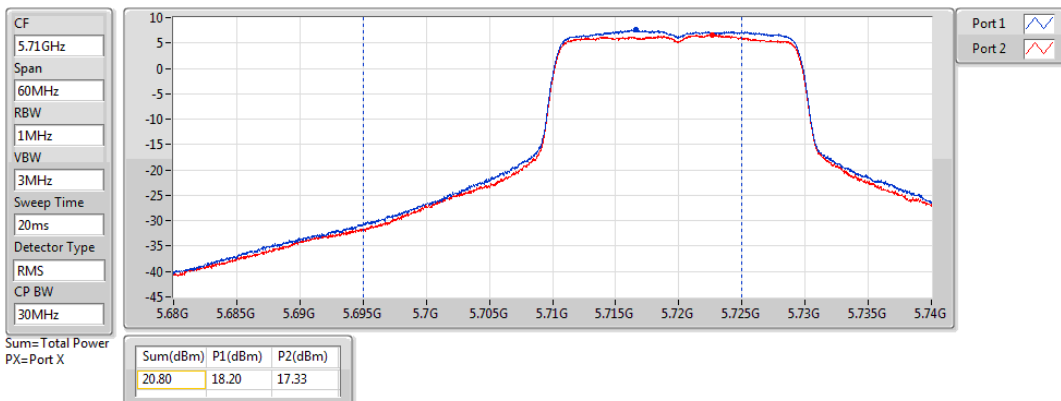


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

20/11/2020

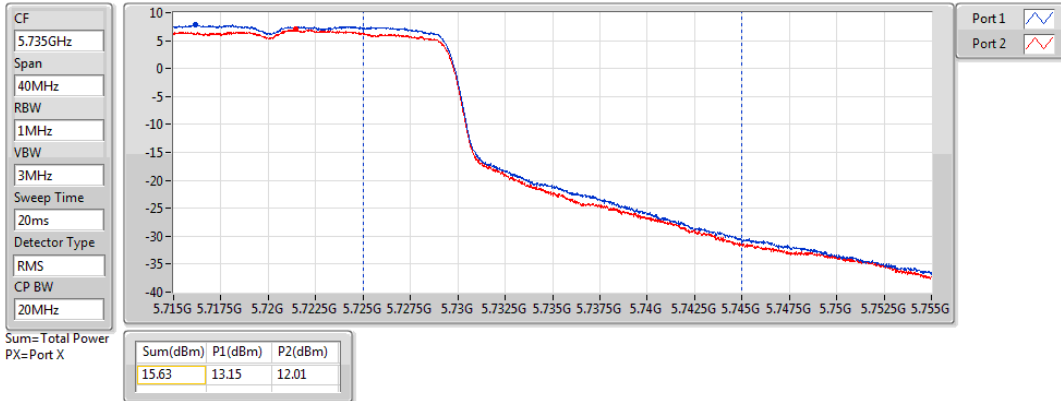


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

20/11/2020

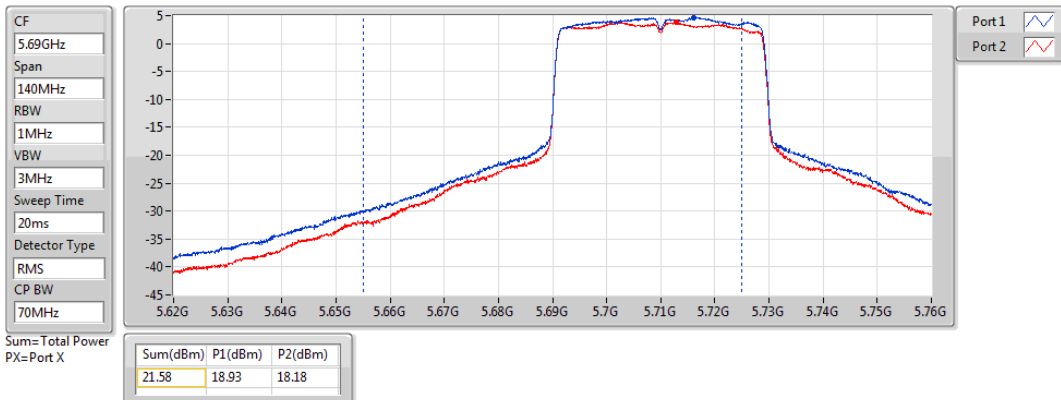


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

20/11/2020

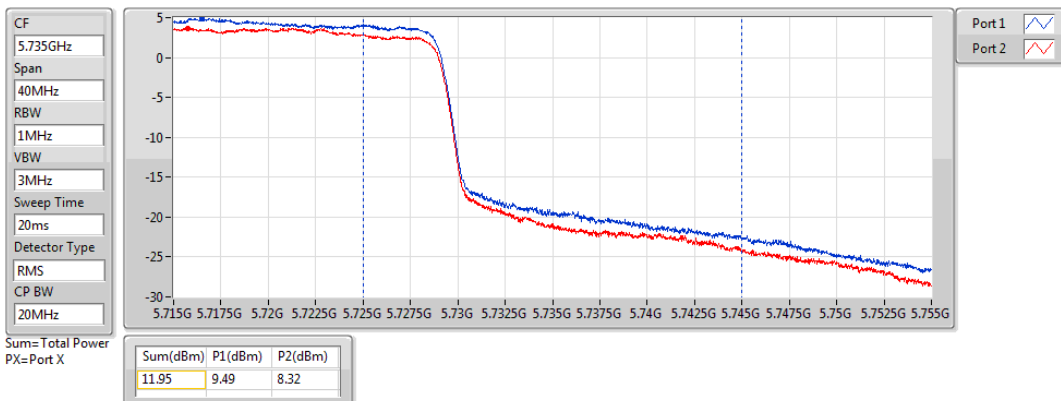


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

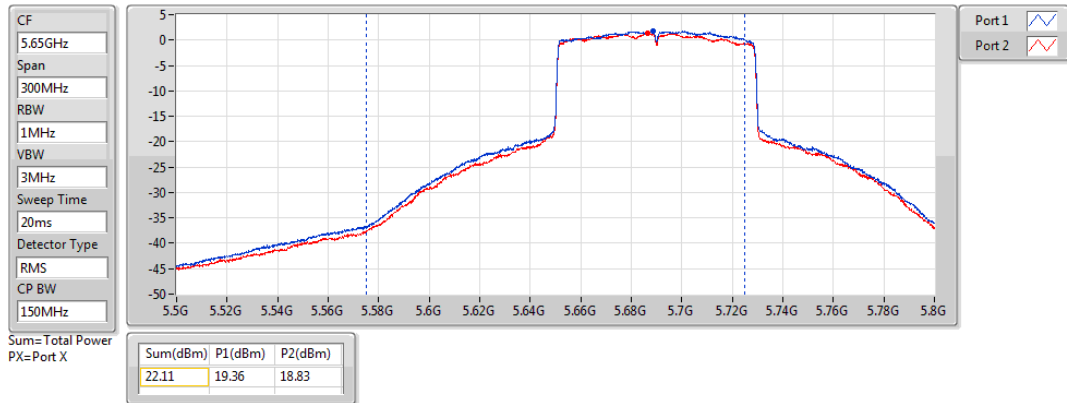
20/11/2020



802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

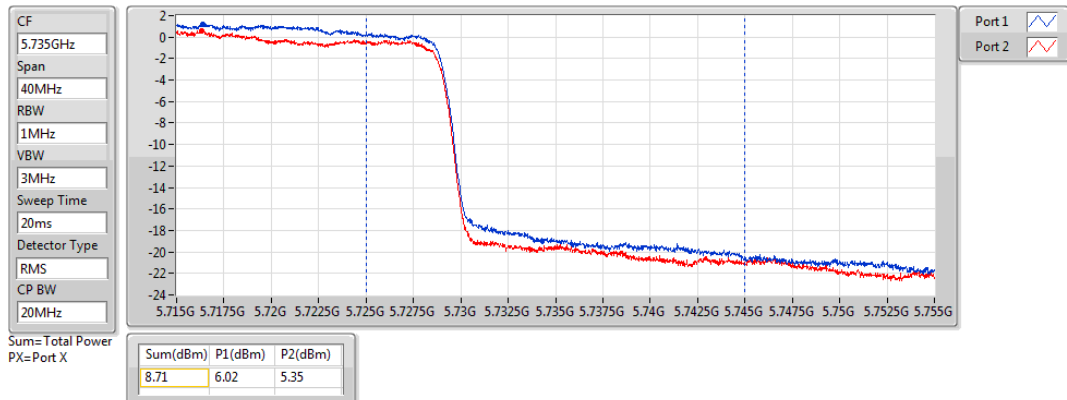
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz





For non-beamforming mode:

For Set 2:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	22.22	0.16672
802.11ax HEW20_Nss1,(MCS0)_2TX	23.03	0.20091
802.11ax HEW40_Nss1,(MCS0)_2TX	22.08	0.16144
802.11ax HEW80_Nss1,(MCS0)_2TX	20.21	0.10495
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.98	0.15776
802.11ax HEW20_Nss1,(MCS0)_2TX	22.65	0.18408
802.11ax HEW40_Nss1,(MCS0)_2TX	22.17	0.16482
802.11ax HEW80_Nss1,(MCS0)_2TX	20.98	0.12531
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.83	0.03041
802.11ax HEW20_Nss1,(MCS0)_2TX	15.63	0.03656
802.11ax HEW40_Nss1,(MCS0)_2TX	11.95	0.01567
802.11ax HEW80_Nss1,(MCS0)_2TX	6.42	0.00439

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.6725	19.19	18.83	22.02	23.98
5300MHz	Pass	4.6725	19.39	19.02	22.22	23.98
5320MHz	Pass	4.6725	17.83	17.64	20.75	23.98
5500MHz	Pass	4.6133	19.01	18.92	21.98	23.98
5580MHz	Pass	4.6133	19.16	18.67	21.93	23.98
5700MHz	Pass	4.6133	17.57	17.06	20.33	23.92
5720MHz Straddle 5.47-5.725GHz	Pass	4.6133	18.37	17.55	20.99	23.04
5720MHz Straddle 5.725-5.85GHz	Pass	4.8957	12.28	11.30	14.83	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.6725	19.79	19.52	22.67	23.98
5300MHz	Pass	4.6725	20.16	19.87	23.03	23.98
5320MHz	Pass	4.6725	17.75	17.63	20.70	23.98
5500MHz	Pass	4.6133	18.13	18.02	21.09	23.98
5580MHz	Pass	4.6133	19.82	19.45	22.65	23.98
5700MHz	Pass	4.6133	17.14	16.68	19.93	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.6133	18.20	17.33	20.80	23.52
5720MHz Straddle 5.725-5.85GHz	Pass	4.8957	13.15	12.01	15.63	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.6725	19.22	18.92	22.08	23.98
5310MHz	Pass	4.6725	17.42	17.18	20.31	23.98
5510MHz	Pass	4.6133	17.69	17.66	20.69	23.98
5550MHz	Pass	4.6133	19.24	19.07	22.17	23.98
5670MHz	Pass	4.6133	17.71	17.15	20.45	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.6133	18.93	18.18	21.58	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.8957	9.49	8.32	11.95	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.6725	17.39	17.01	20.21	23.98
5530MHz	Pass	4.6133	17.53	17.31	20.43	23.98
5610MHz	Pass	4.6133	18.22	17.70	20.98	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.6133	17.48	16.87	20.20	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.8957	3.70	3.09	6.42	30.00

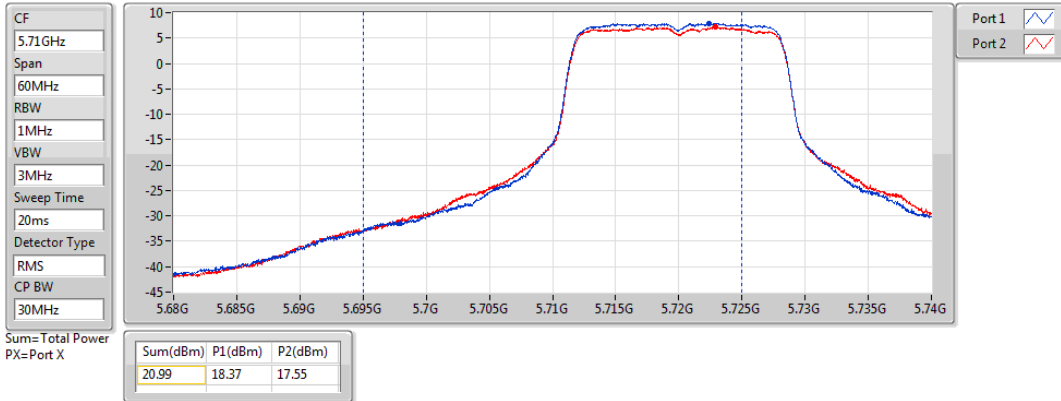
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

20/11/2020

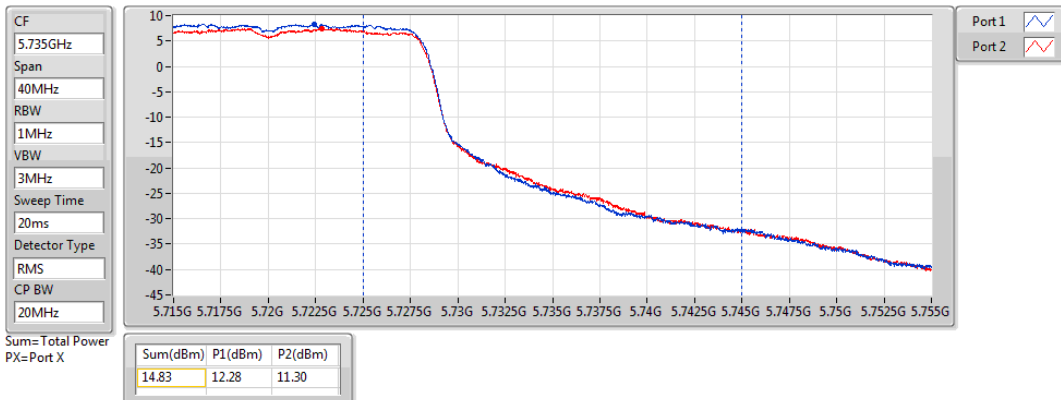


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

20/11/2020

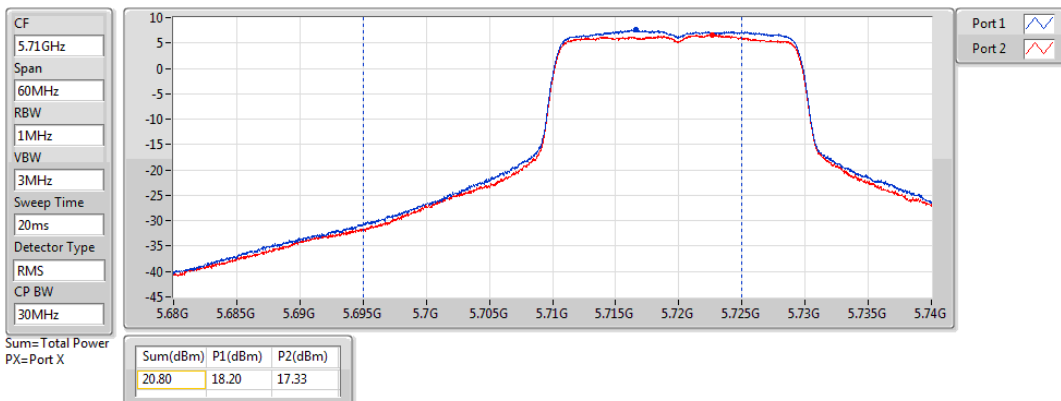


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

20/11/2020

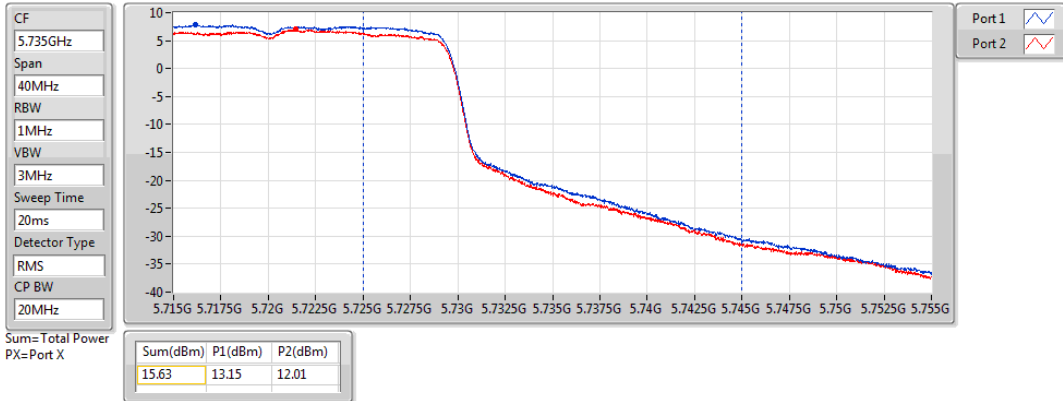


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

20/11/2020

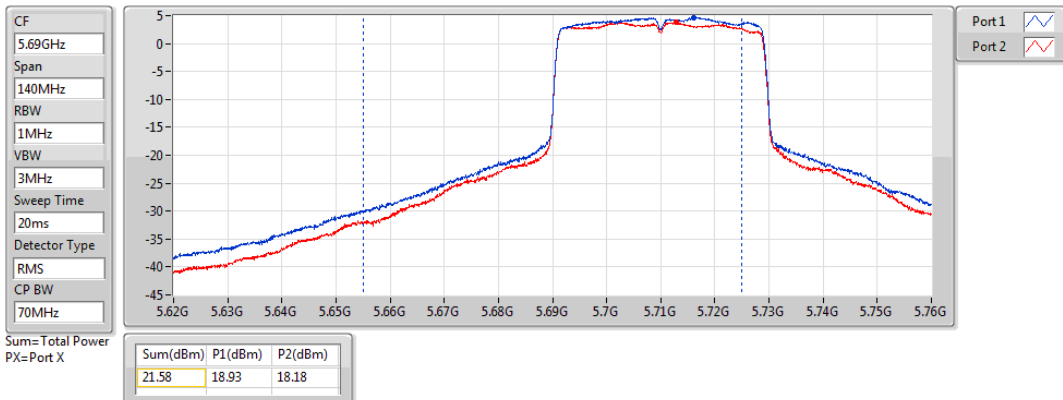


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

20/11/2020

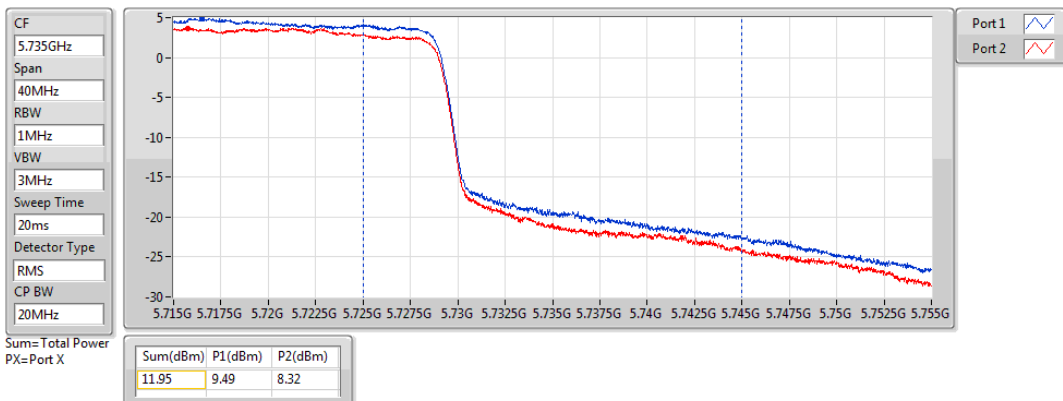


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

20/11/2020

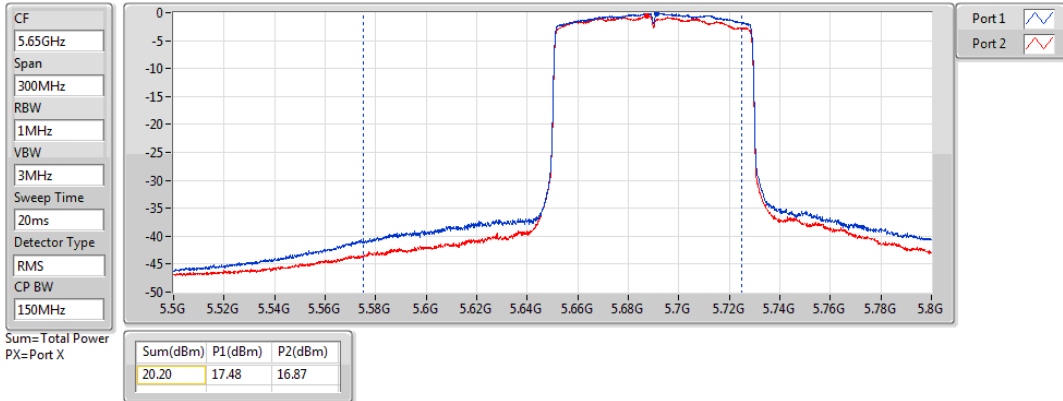


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

20/11/2020

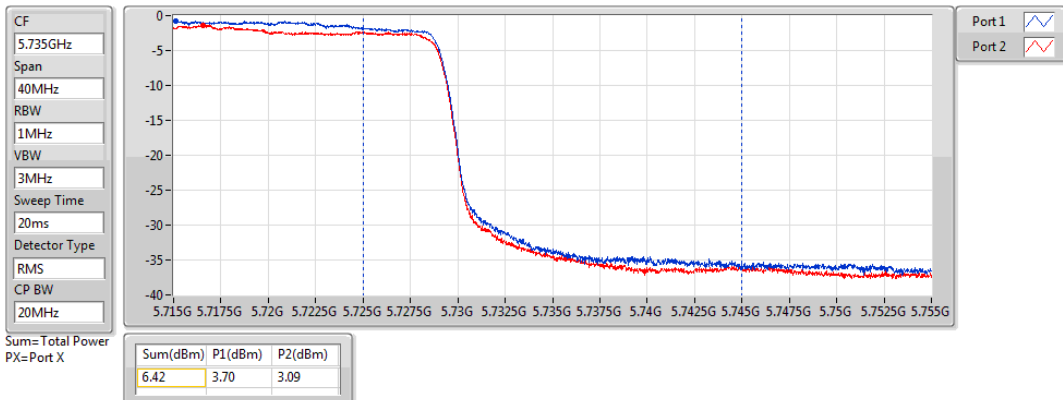


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

20/11/2020





For beamforming mode:

For Set 1:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.49	0.22336
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.07	0.20277
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.40	0.13804
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.30	0.21380
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.88	0.24434
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.38	0.17298
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.87	0.01936
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.59	0.01442
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.07	0.00807



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.26	20.44	20.52	23.49	23.98
5300MHz	Pass	4.26	20.21	19.88	23.06	23.98
5320MHz	Pass	4.26	19.05	19.25	22.16	23.98
5500MHz	Pass	4.16	20.03	20.25	23.15	23.98
5580MHz	Pass	4.16	20.41	20.17	23.30	23.98
5700MHz	Pass	4.16	19.49	18.20	21.90	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.16	15.78	14.65	18.26	23.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.91	10.21	9.47	12.87	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.26	20.45	19.63	23.07	23.98
5310MHz	Pass	4.26	18.76	18.53	21.66	23.98
5510MHz	Pass	4.16	18.81	18.53	21.68	23.98
5550MHz	Pass	4.16	19.93	19.65	22.80	23.98
5670MHz	Pass	4.16	21.07	20.65	23.88	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.16	18.80	17.91	21.39	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.91	8.88	8.25	11.59	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.26	18.80	17.93	21.40	23.98
5530MHz	Pass	4.16	18.93	18.50	21.73	23.98
5610MHz	Pass	4.16	19.54	19.01	22.29	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.16	19.39	19.35	22.38	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.91	5.91	6.20	9.07	30.00

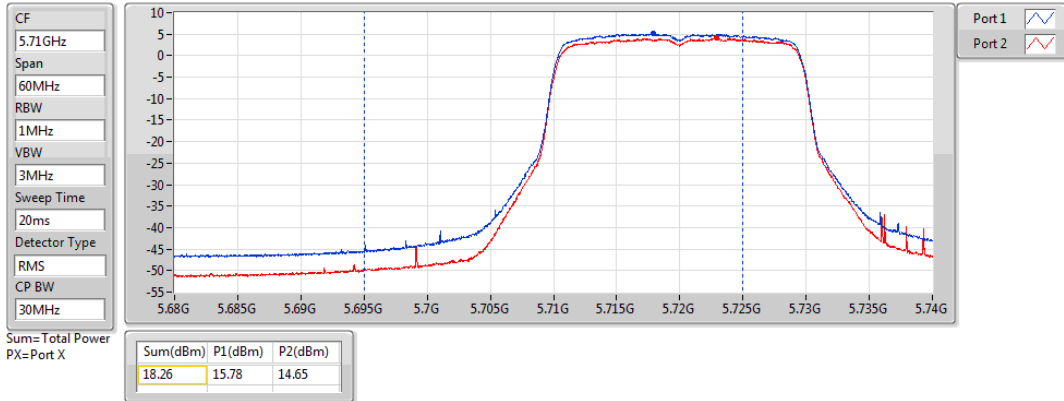
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

28/11/2020

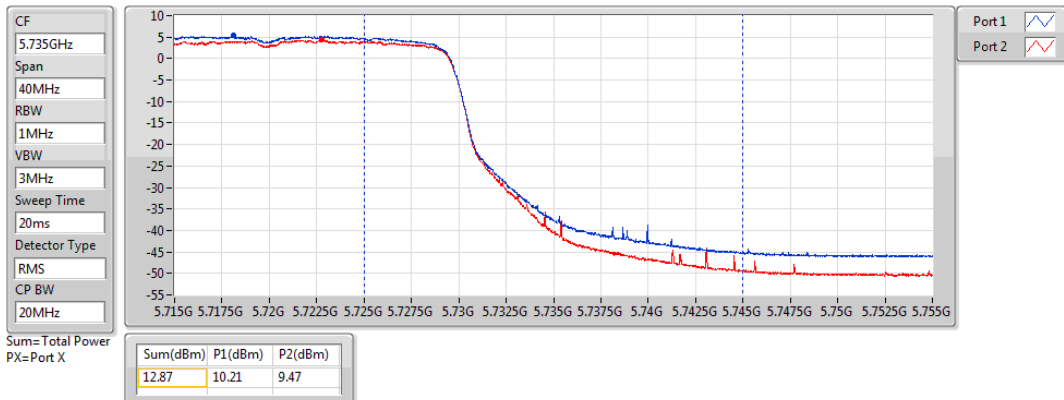


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

28/11/2020

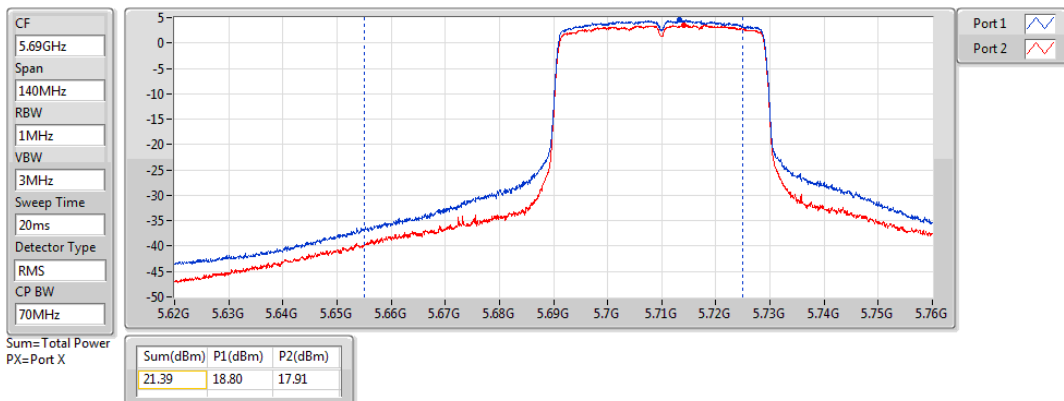


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

28/11/2020

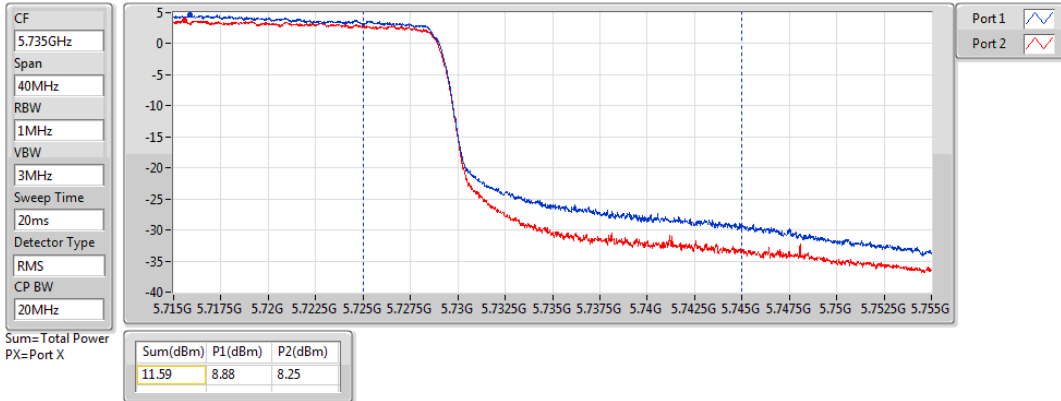


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

28/11/2020

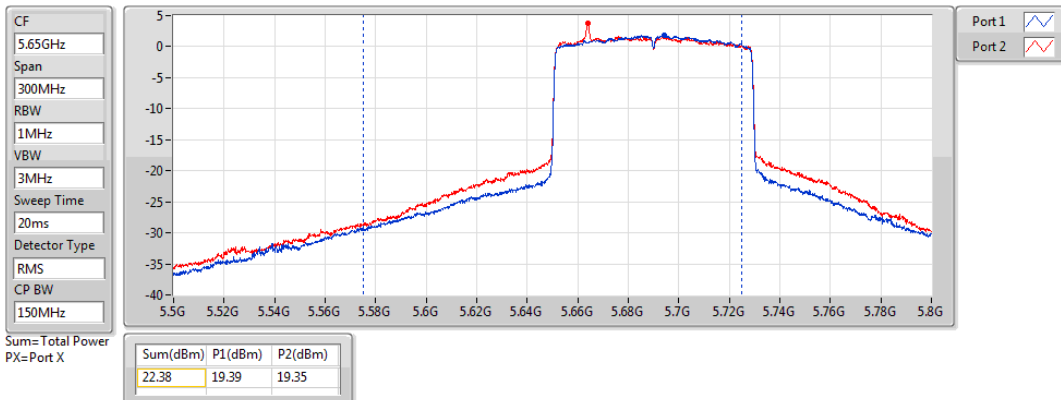


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

28/11/2020

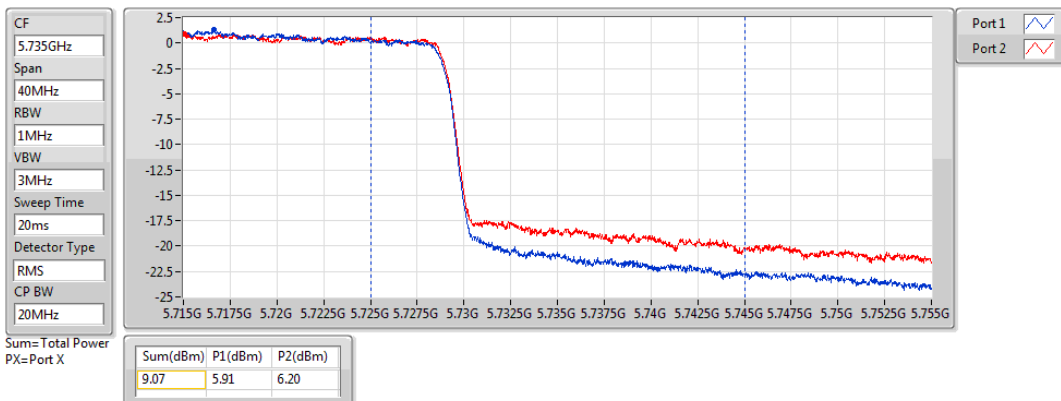


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

28/11/2020





For beamforming mode:

For Set 2:

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.16	0.16444
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.97	0.12503
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.67	0.09268
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	22.33	0.17100
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.39	0.13772
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	22.29	0.16943
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.87	0.01936
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.59	0.01442
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.90	0.00617

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.6828	18.63	18.16	21.41	22.30
5300MHz	Pass	7.6828	19.35	18.75	22.07	22.30
5320MHz	Pass	7.6828	19.05	19.25	22.16	22.30
5500MHz	Pass	7.6236	19.25	19.36	22.32	22.36
5580MHz	Pass	7.6236	19.41	19.23	22.33	22.36
5700MHz	Pass	7.6236	16.32	15.63	19.00	22.36
5720MHz Straddle 5.47-5.725GHz	Pass	7.6236	15.78	14.65	18.26	21.61
5720MHz Straddle 5.725-5.85GHz	Pass	7.9060	10.21	9.47	12.87	28.09
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.6828	18.32	17.56	20.97	22.30
5310MHz	Pass	7.6828	15.09	14.88	18.00	22.30
5510MHz	Pass	7.6236	16.85	16.94	19.91	22.36
5550MHz	Pass	7.6236	16.84	16.97	19.92	22.36
5670MHz	Pass	7.6236	15.61	15.39	18.51	22.36
5710MHz Straddle 5.47-5.725GHz	Pass	7.6236	18.80	17.91	21.39	22.36
5710MHz Straddle 5.725-5.85GHz	Pass	7.9060	8.88	8.25	11.59	28.09
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.6828	16.99	16.30	19.67	22.30
5530MHz	Pass	7.6236	16.12	15.57	18.86	22.36
5610MHz	Pass	7.6236	19.54	19.01	22.29	22.36
5690MHz Straddle 5.47-5.725GHz	Pass	7.6236	18.90	18.06	21.51	22.36
5690MHz Straddle 5.725-5.85GHz	Pass	7.9060	5.17	4.60	7.90	28.09

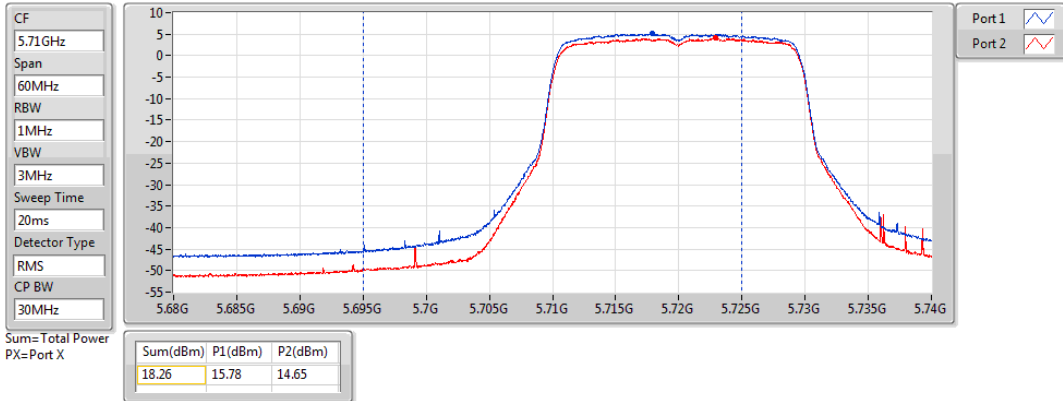
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

28/11/2020

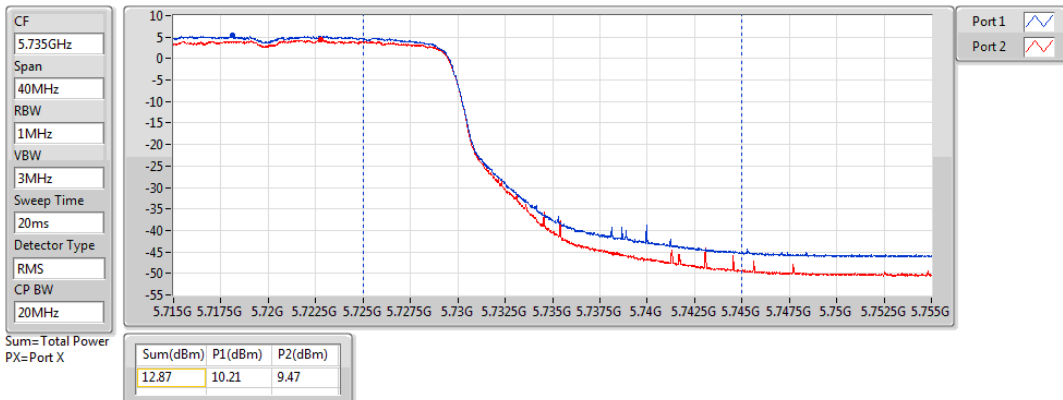


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

28/11/2020

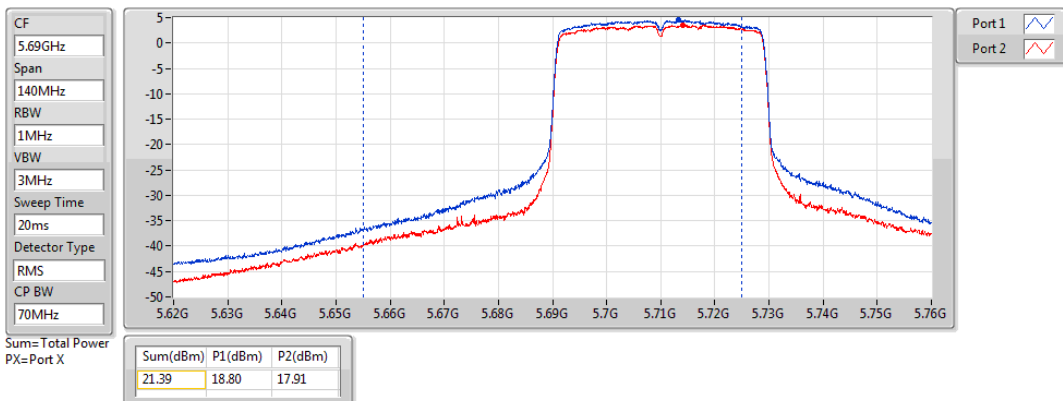


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

28/11/2020

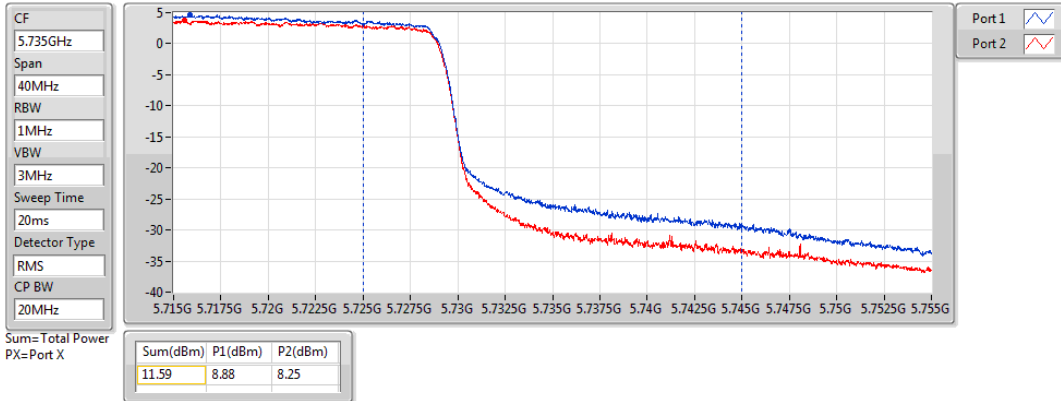


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

28/11/2020

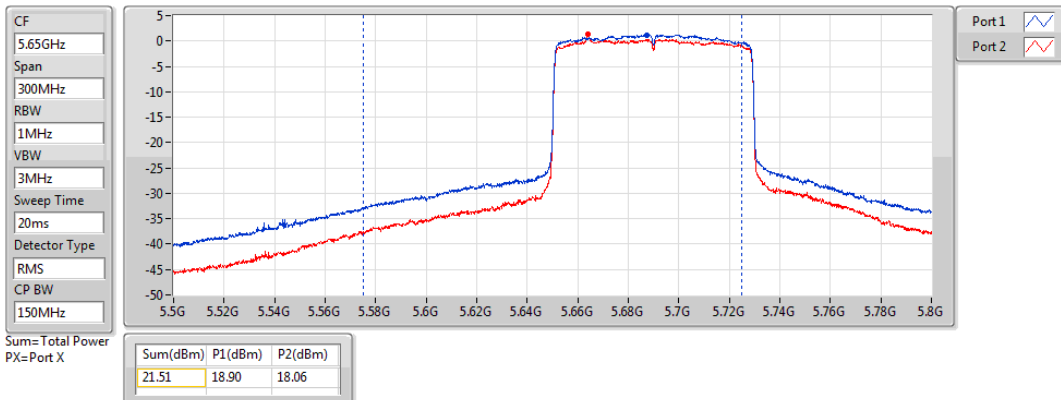


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

28/11/2020

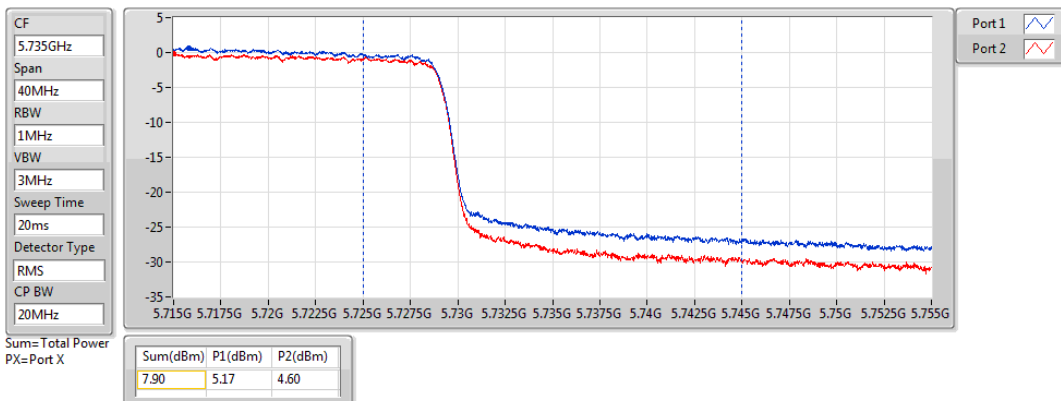


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

28/11/2020



For non-beamforming mode:

For Set 1:

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.53
802.11ax HEW20_Nss1,(MCS0)_2TX	9.50
802.11ax HEW40_Nss1,(MCS0)_2TX	6.02
802.11ax HEW80_Nss1,(MCS0)_2TX	1.04
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.90
802.11ax HEW20_Nss1,(MCS0)_2TX	9.49
802.11ax HEW40_Nss1,(MCS0)_2TX	6.46
802.11ax HEW80_Nss1,(MCS0)_2TX	2.87
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.15
802.11ax HEW20_Nss1,(MCS0)_2TX	6.76
802.11ax HEW40_Nss1,(MCS0)_2TX	3.44
802.11ax HEW80_Nss1,(MCS0)_2TX	0.09

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	-	-	-	-	-	-
5260MHz	Pass	4.26	7.64	7.48	10.53	11.00
5300MHz	Pass	4.26	7.44	6.87	10.11	11.00
5320MHz	Pass	4.26	5.69	5.60	8.60	11.00
5500MHz	Pass	4.16	6.86	6.92	9.77	11.00
5580MHz	Pass	4.16	7.17	6.81	9.90	11.00
5700MHz	Pass	4.16	6.09	5.33	8.55	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.16	7.21	6.42	9.54	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.91	5.69	4.54	8.15	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.26	6.59	6.41	9.50	11.00
5300MHz	Pass	4.26	6.43	5.99	9.09	11.00
5320MHz	Pass	4.26	5.21	5.04	8.07	11.00
5500MHz	Pass	4.16	5.83	5.92	8.83	11.00
5580MHz	Pass	4.16	6.80	6.44	9.49	11.00
5700MHz	Pass	4.16	5.26	4.83	7.95	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.16	6.07	5.24	8.45	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.91	4.43	3.09	6.76	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.26	3.23	2.90	6.02	11.00
5310MHz	Pass	4.26	1.27	1.02	4.10	11.00
5510MHz	Pass	4.16	2.06	2.06	4.90	11.00
5550MHz	Pass	4.16	3.76	3.49	6.46	11.00
5670MHz	Pass	4.16	2.09	1.64	4.72	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.16	3.22	2.23	5.60	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.91	1.09	-0.13	3.44	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.26	-1.75	-2.07	1.04	11.00
5530MHz	Pass	4.16	-1.67	-1.79	1.19	11.00
5610MHz	Pass	4.16	-0.27	-0.56	2.54	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.16	0.30	-0.36	2.87	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.91	-2.50	-3.31	0.09	30.00

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

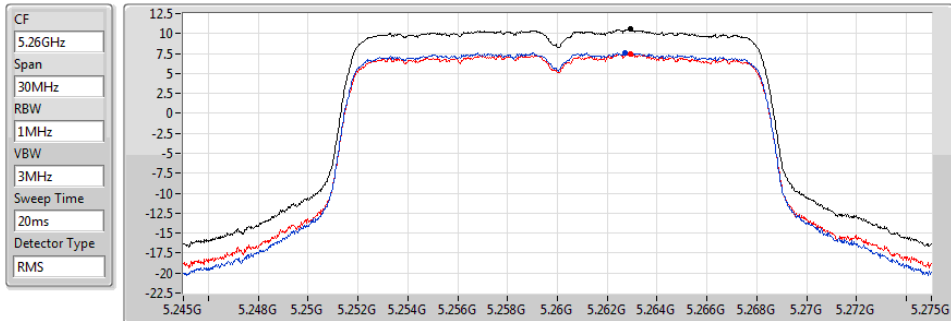
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

5260MHz

PSD

20/11/2020



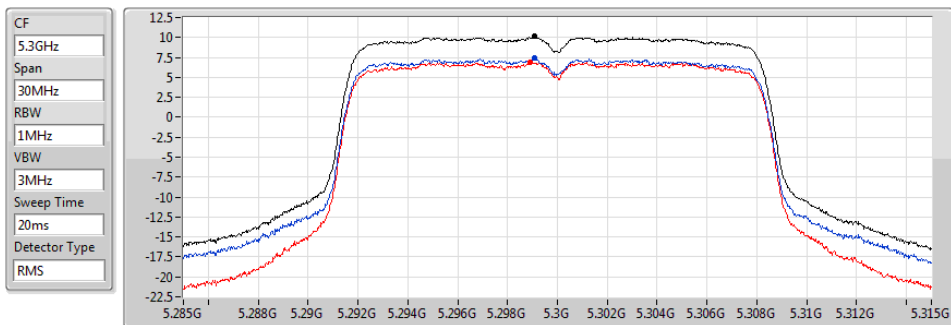
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	7.64	7.48

802.11a_Nss1,(6Mbps)_2TX

5300MHz

PSD

20/11/2020



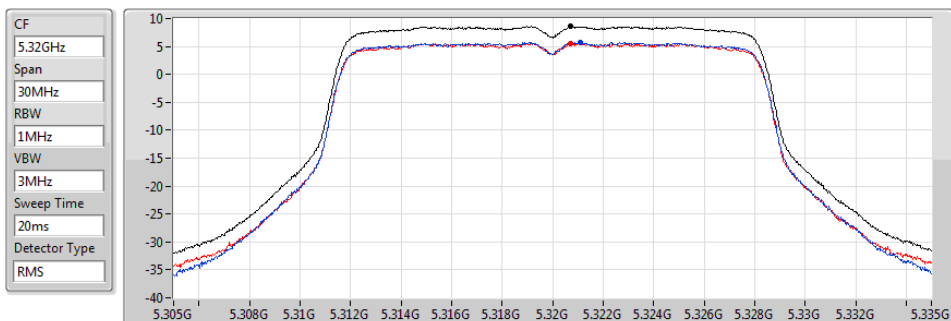
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.11	10.11	7.44	6.87

802.11a_Nss1,(6Mbps)_2TX

5320MHz

PSD

20/11/2020



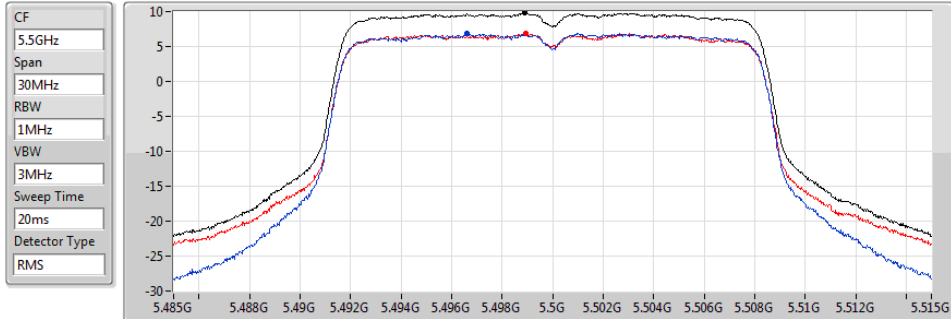
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.60	8.60	5.69	5.60

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

20/11/2020



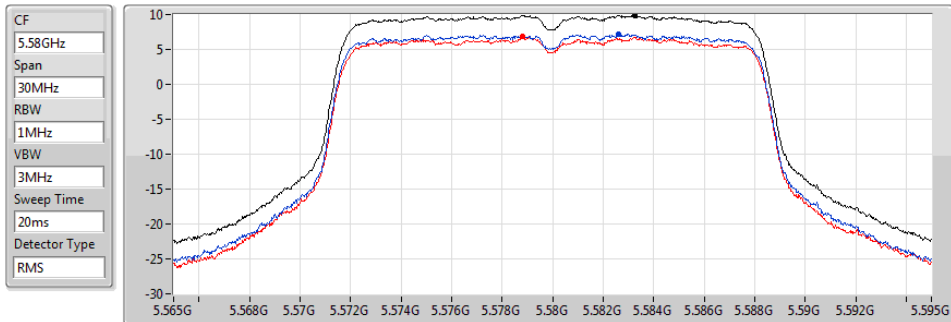
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.77	9.77	6.86	6.92

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

20/11/2020



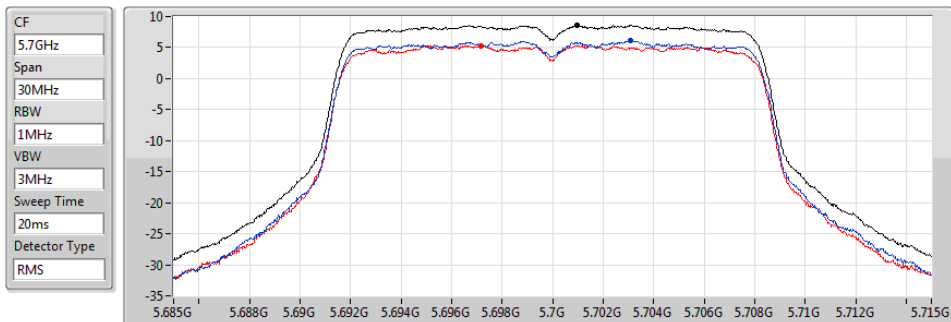
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.90	9.90	7.17	6.81

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

20/11/2020



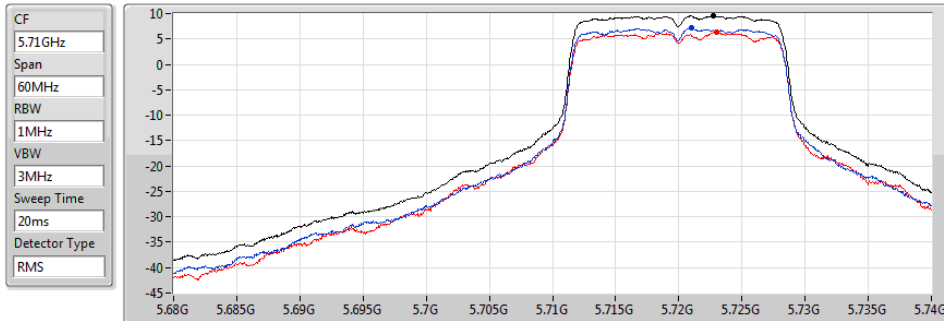
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.55	8.55	6.09	5.33

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

20/11/2020



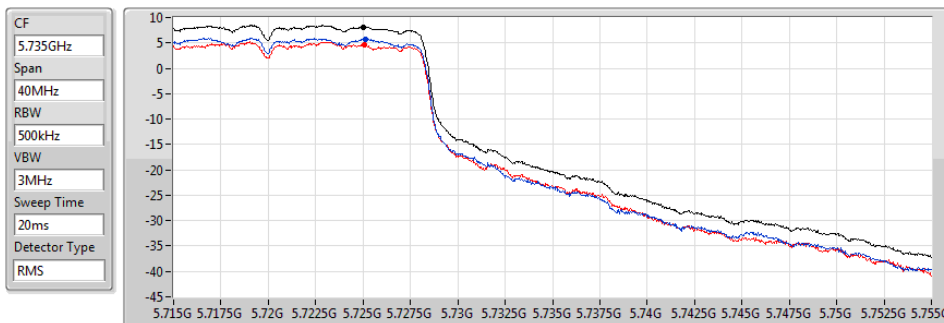
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.54	9.54	7.21	6.42

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

20/11/2020



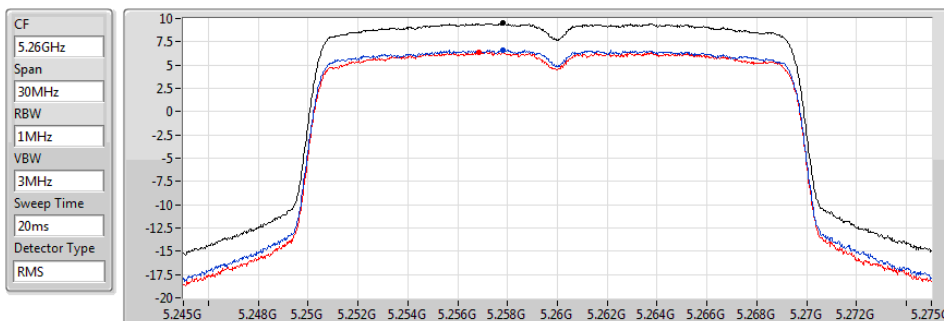
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.15	8.15	5.69	4.54

802.11ax HEW20_Nss1,(MCS0)_2TX

5260MHz

PSD

20/11/2020



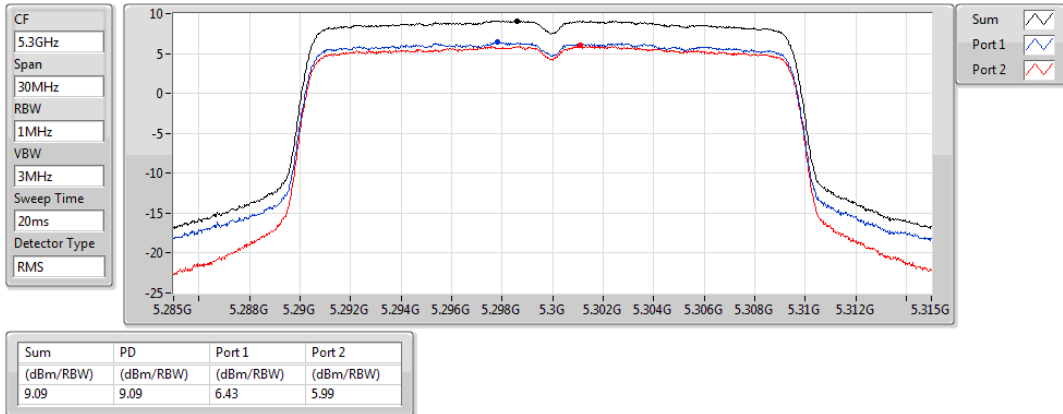
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.50	9.50	6.59	6.41

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

20/11/2020

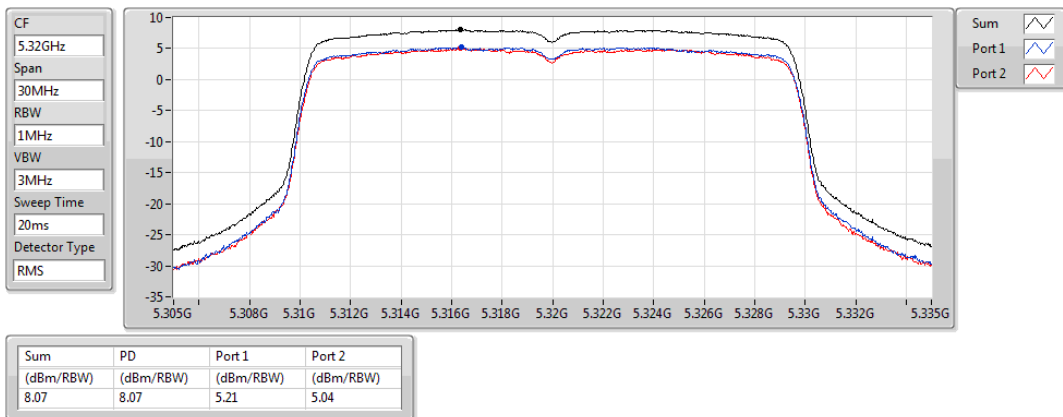


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

20/11/2020

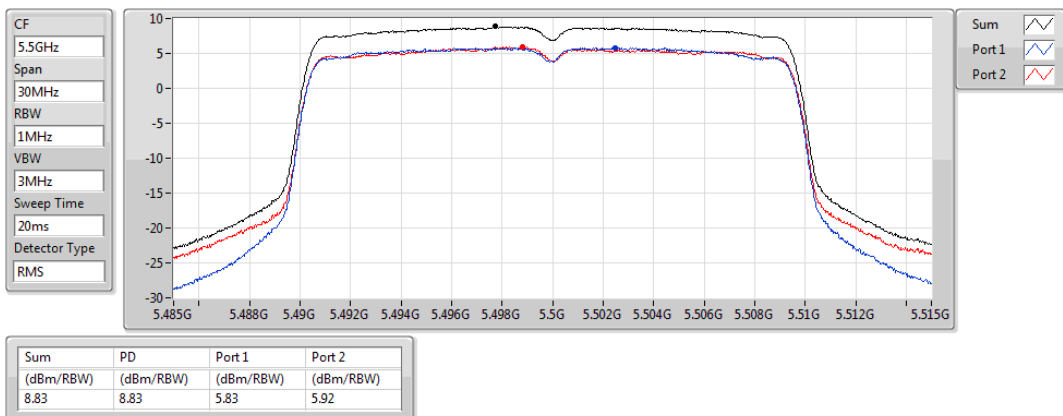


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

20/11/2020

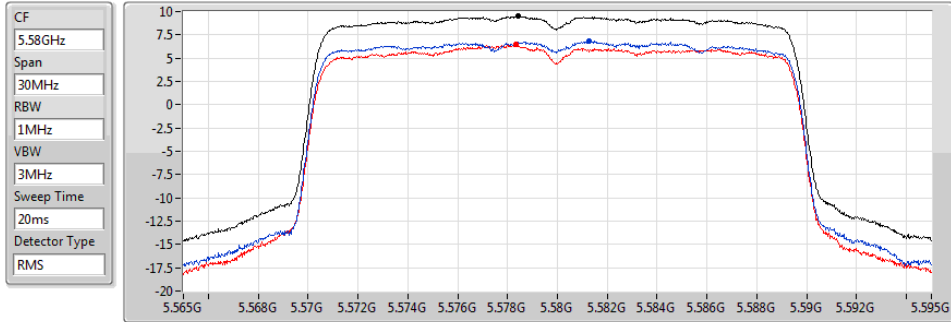


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

20/11/2020



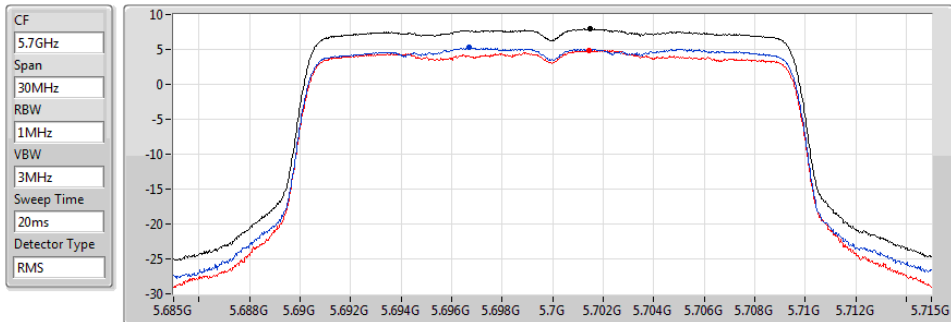
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.49	9.49	6.80	6.44

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

20/11/2020



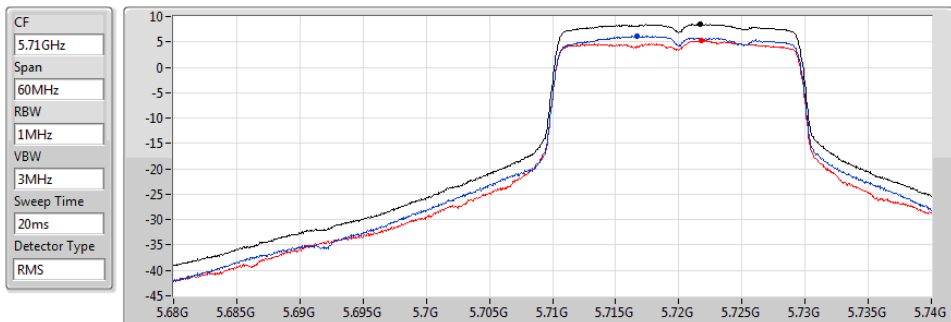
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	5.26	4.83

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

20/11/2020



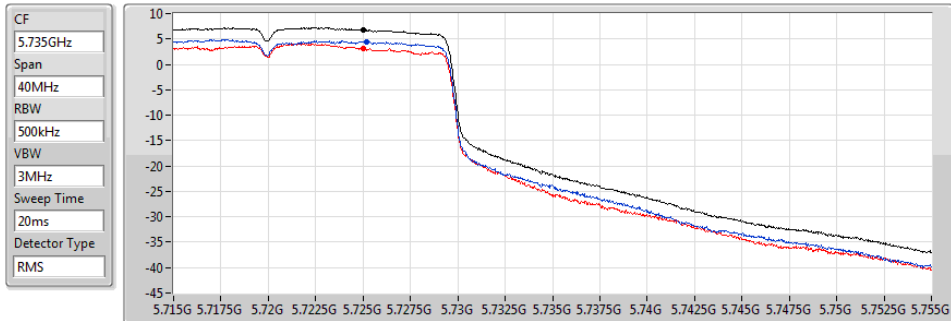
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	6.07	5.24

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

20/11/2020



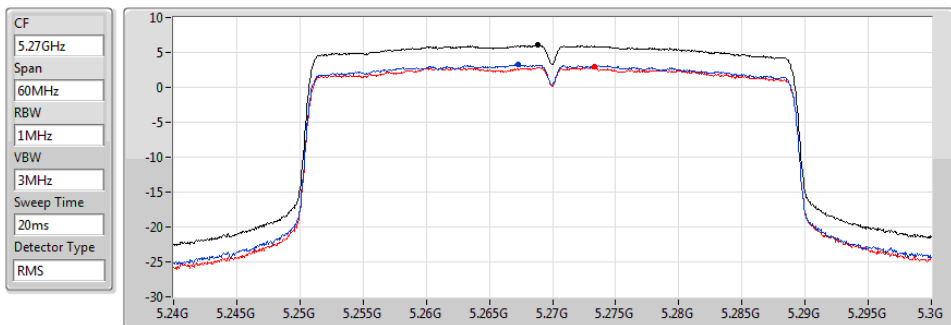
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.76	6.76	4.43	3.09

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz

PSD

20/11/2020



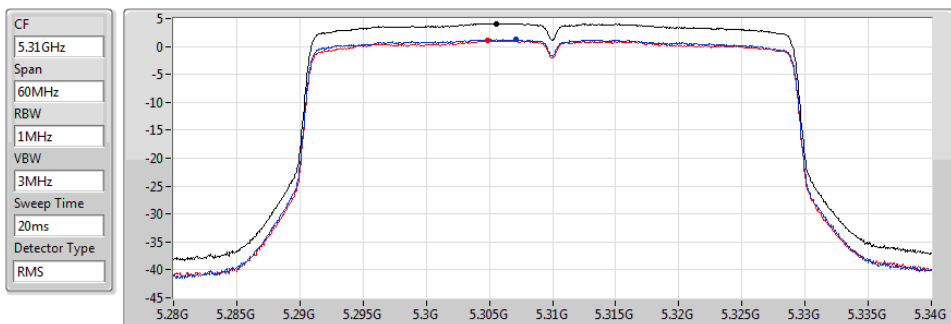
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.02	6.02	3.23	2.90

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz

PSD

20/11/2020



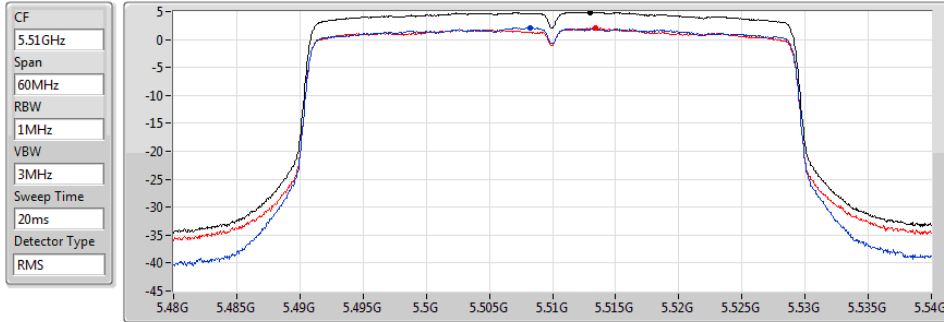
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.10	4.10	1.27	1.02

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

20/11/2020



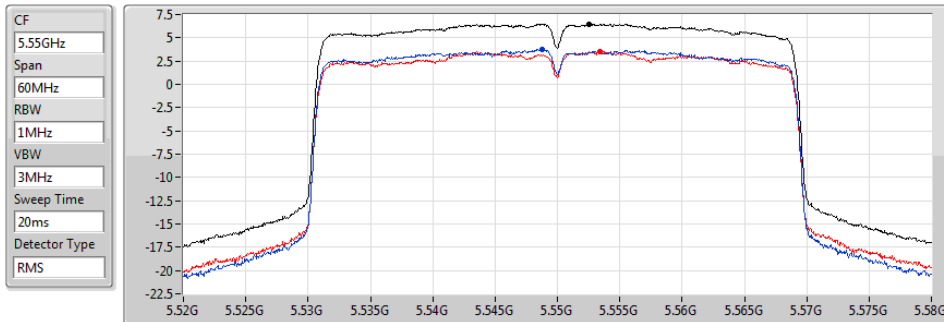
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.90	4.90	2.06	2.06

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

20/11/2020



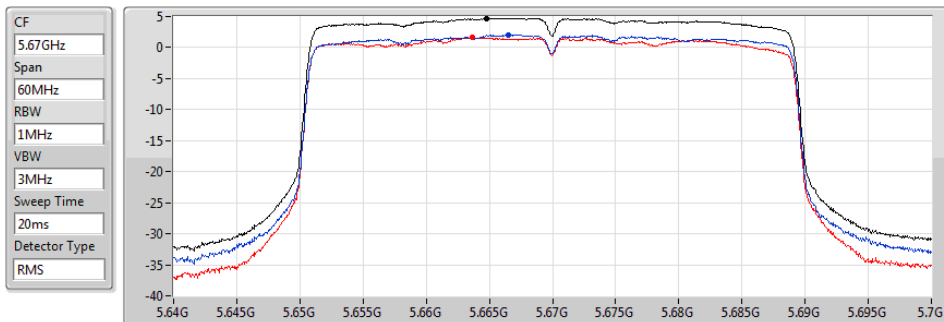
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.46	6.46	3.76	3.49

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

20/11/2020



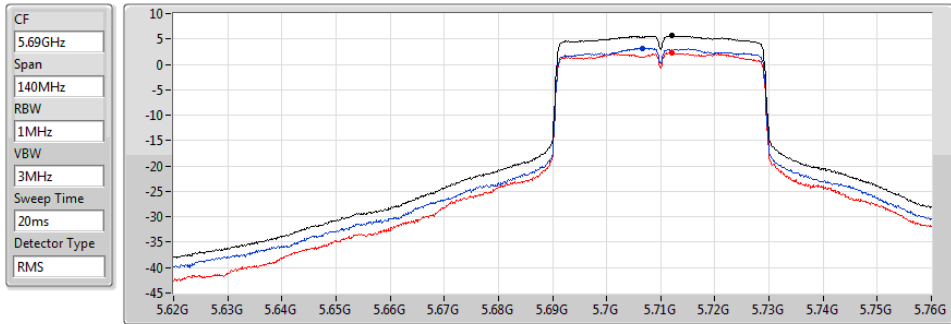
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.72	4.72	2.09	1.64

802.11ax HEW40_Nss1,(MCS0)_2TX

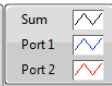
5710MHz Straddle 5.47-5.725GHz

PSD

20/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.60	5.60	3.22	2.23

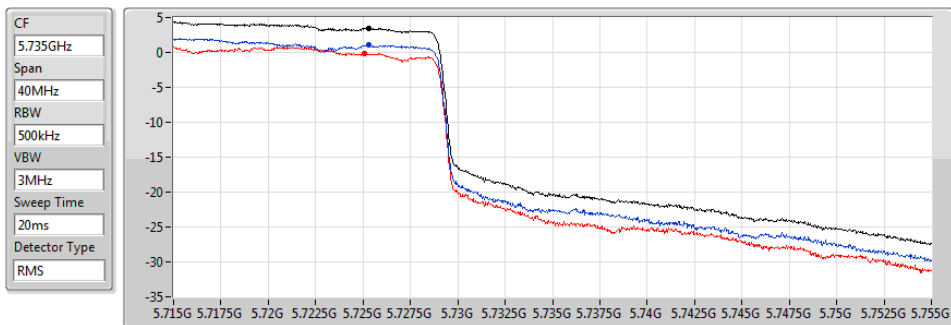


802.11ax HEW40_Nss1,(MCS0)_2TX

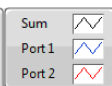
5710MHz Straddle 5.725-5.85GHz

PSD

20/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.44	3.44	1.09	-0.13

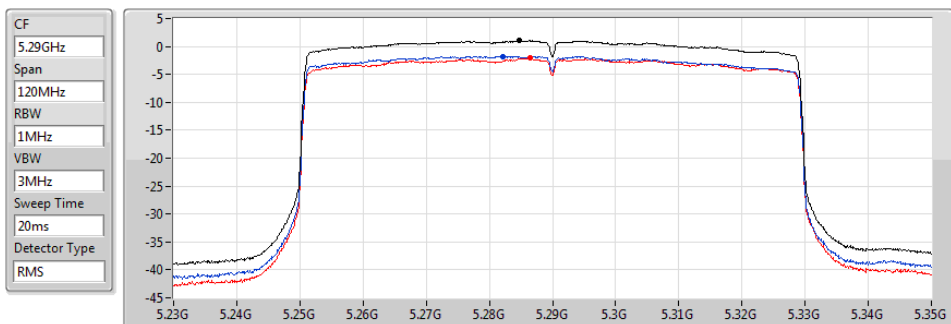


802.11ax HEW80_Nss1,(MCS0)_2TX

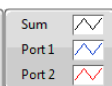
5290MHz

PSD

20/11/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.04	1.04	-1.75	-2.07



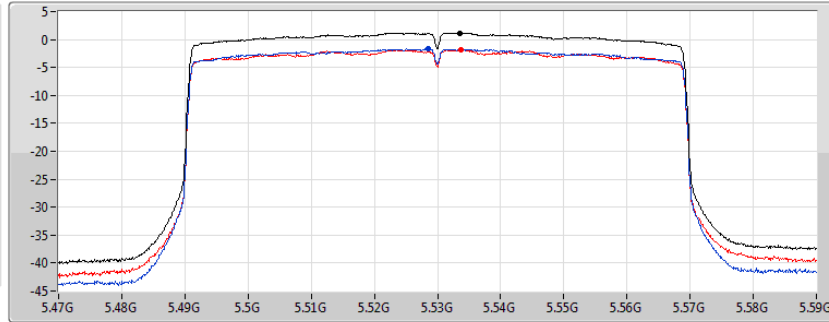
802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

20/11/2020

CF
5.53GHz
Span
120MHz
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)
1.19	1.19	-1.67	-1.79

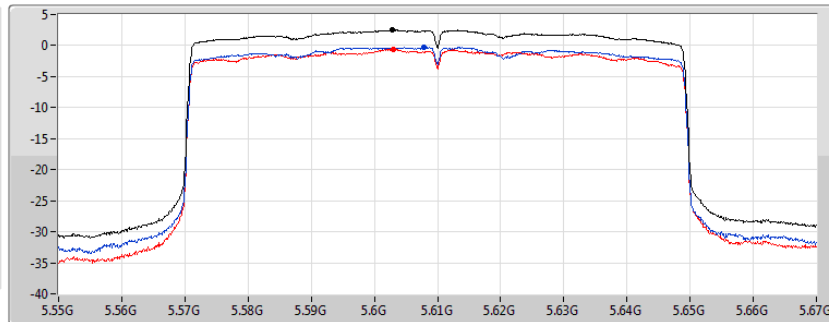
802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

22/01/2021

CF
5.61GHz
Span
120MHz
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)
2.54	2.54	-0.27	-0.56

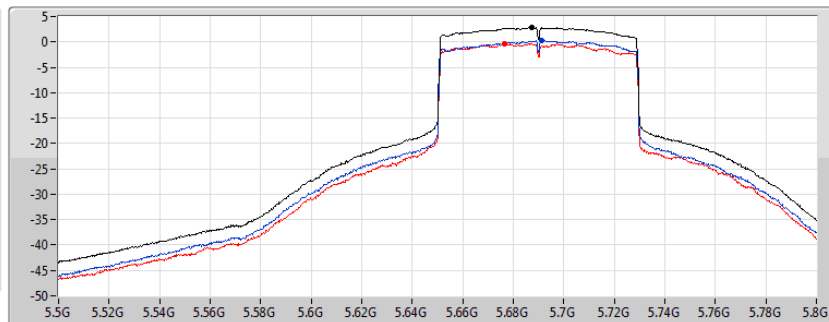
802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

20/11/2020

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

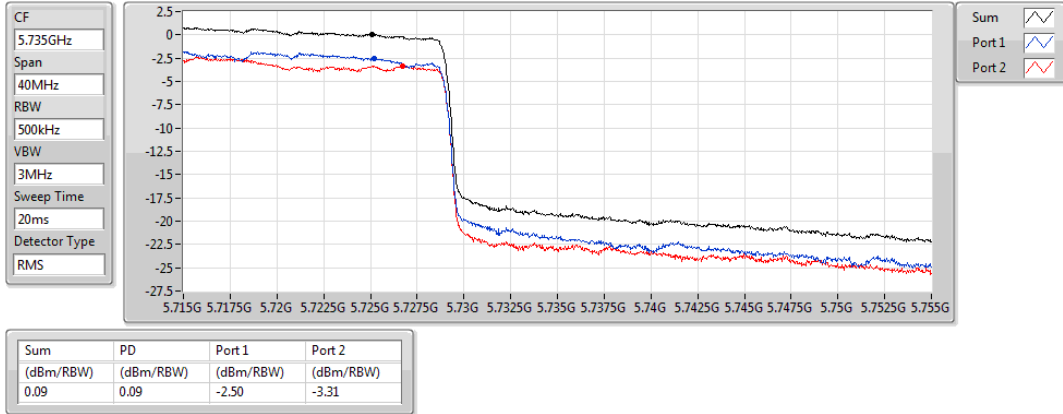
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.87	2.87	0.30	-0.36

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

20/11/2020



For non-beamforming mode:

For Set 2:

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.23
802.11ax HEW20_Nss1,(MCS0)_2TX	9.09
802.11ax HEW40_Nss1,(MCS0)_2TX	5.50
802.11ax HEW80_Nss1,(MCS0)_2TX	0.61
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.15
802.11ax HEW20_Nss1,(MCS0)_2TX	8.98
802.11ax HEW40_Nss1,(MCS0)_2TX	5.60
802.11ax HEW80_Nss1,(MCS0)_2TX	1.73
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.48
802.11ax HEW20_Nss1,(MCS0)_2TX	6.76
802.11ax HEW40_Nss1,(MCS0)_2TX	3.44
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.07

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	-	-	-	-	-	-
5260MHz	Pass	7.6828	6.22	5.91	8.97	9.32
5300MHz	Pass	7.6828	6.41	6.10	9.23	9.32
5320MHz	Pass	7.6828	4.88	4.68	7.73	9.32
5500MHz	Pass	7.6236	6.02	5.90	8.87	9.38
5580MHz	Pass	7.6236	6.42	5.81	9.04	9.38
5700MHz	Pass	7.6236	4.61	4.16	7.30	9.38
5720MHz Straddle 5.47-5.725GHz	Pass	7.6236	6.60	5.75	9.15	9.38
5720MHz Straddle 5.725-5.85GHz	Pass	7.9060	5.13	3.69	7.48	28.09
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.6828	6.18	5.79	8.95	9.32
5300MHz	Pass	7.6828	6.43	5.99	9.09	9.32
5320MHz	Pass	7.6828	4.18	4.11	7.06	9.32
5500MHz	Pass	7.6236	4.48	4.34	7.29	9.38
5580MHz	Pass	7.6236	6.30	5.95	8.98	9.38
5700MHz	Pass	7.6236	3.38	3.02	6.12	9.38
5720MHz Straddle 5.47-5.725GHz	Pass	7.6236	6.07	5.24	8.45	9.38
5720MHz Straddle 5.725-5.85GHz	Pass	7.9060	4.43	3.09	6.76	28.09
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.6828	2.78	2.36	5.50	9.32
5310MHz	Pass	7.6828	0.80	0.50	3.60	9.32
5510MHz	Pass	7.6236	1.12	1.08	3.97	9.38
5550MHz	Pass	7.6236	2.65	2.52	5.48	9.38
5670MHz	Pass	7.6236	1.07	0.72	3.85	9.38
5710MHz Straddle 5.47-5.725GHz	Pass	7.6236	3.22	2.23	5.60	9.38
5710MHz Straddle 5.725-5.85GHz	Pass	7.9060	1.09	-0.13	3.44	28.09
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.6828	-2.09	-2.65	0.61	9.32
5530MHz	Pass	7.6236	-2.08	-2.38	0.70	9.38
5610MHz	Pass	7.6236	-1.10	-1.40	1.73	9.38
5690MHz Straddle 5.47-5.725GHz	Pass	7.6236	-1.64	-2.05	1.07	9.38
5690MHz Straddle 5.725-5.85GHz	Pass	7.9060	-4.78	-5.25	-2.07	28.09

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

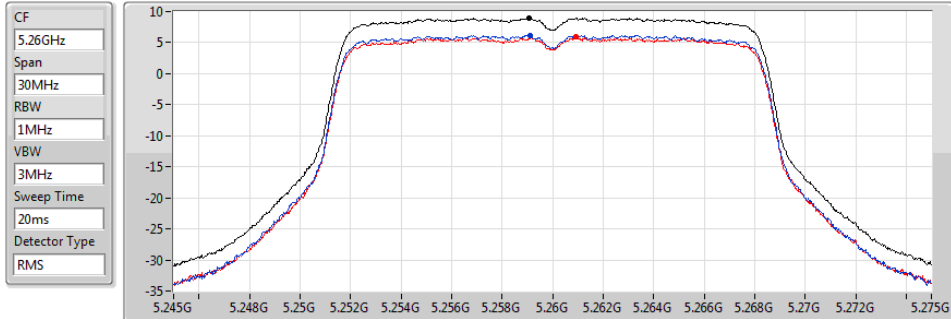
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

20/11/2020



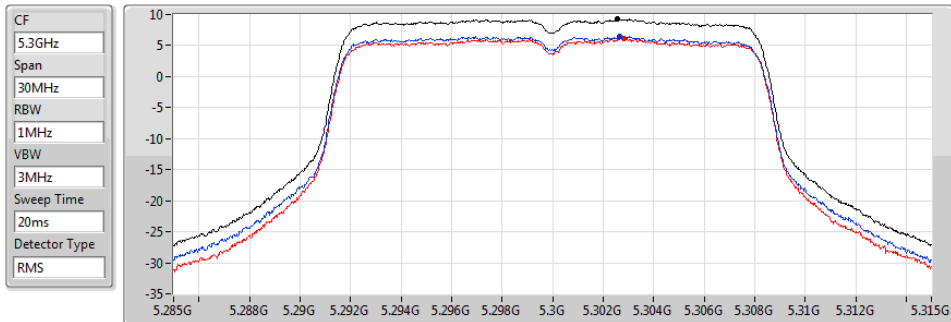
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	6.22	5.91

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

20/11/2020



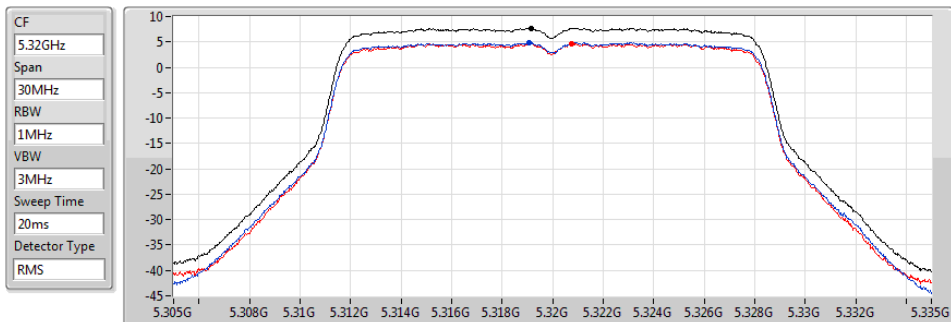
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.23	9.23	6.41	6.10

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

20/11/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	4.88	4.68

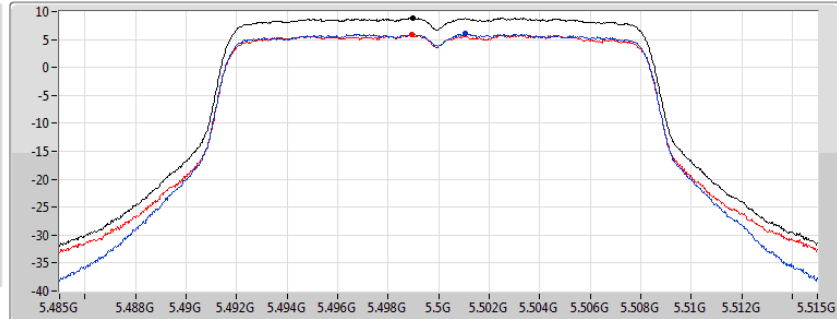
802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

20/11/2020

CF
5.5GHz
Span
30MHz
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)
8.87	8.87	6.02	5.90

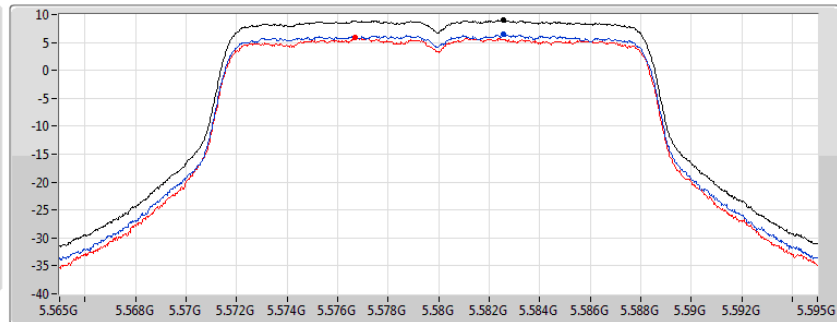
802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

20/11/2020

CF
5.58GHz
Span
30MHz
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)
9.04	9.04	6.42	5.81

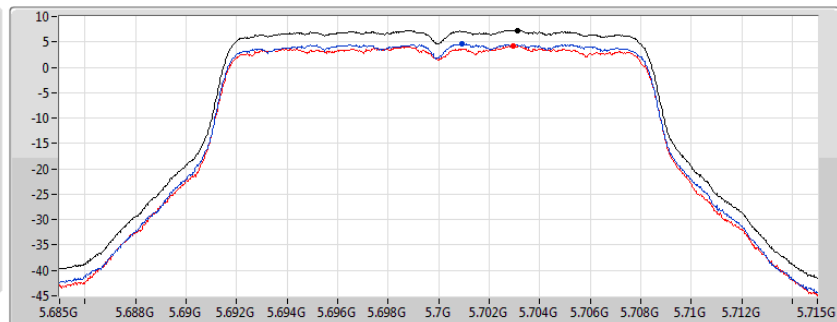
802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

20/11/2020

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

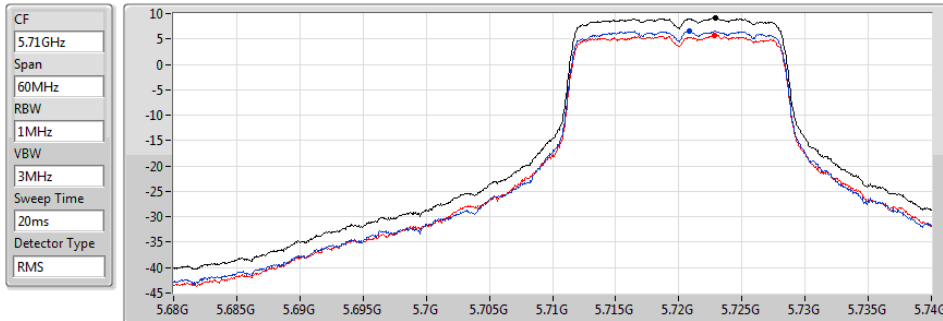
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.30	7.30	4.61	4.16

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

20/11/2020



Sum
Port 1
Port 2

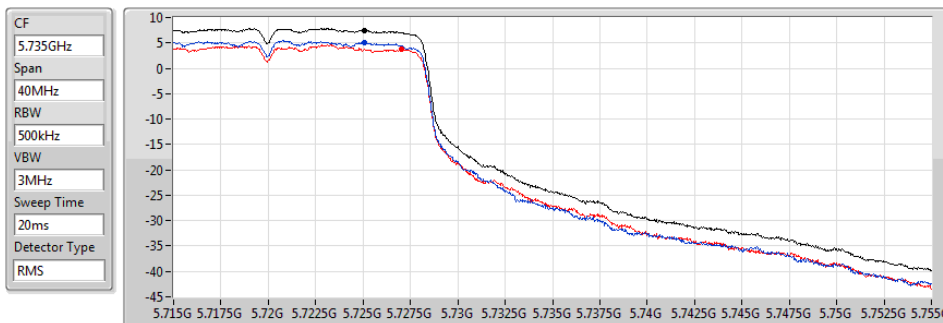
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	6.60	5.75

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

20/11/2020



Sum
Port 1
Port 2

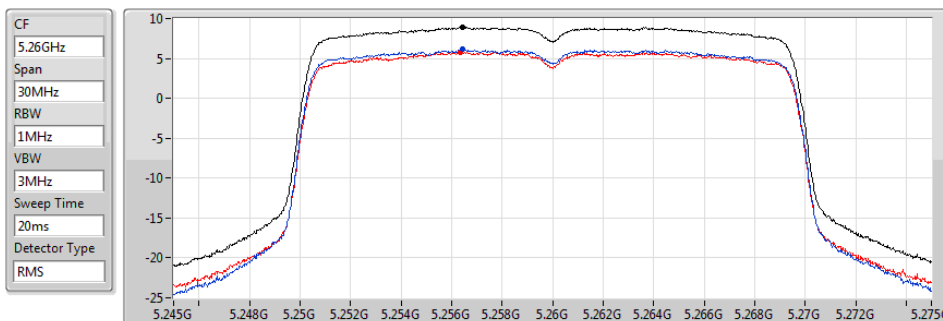
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.48	7.48	5.13	3.69

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

20/11/2020



Sum
Port 1
Port 2

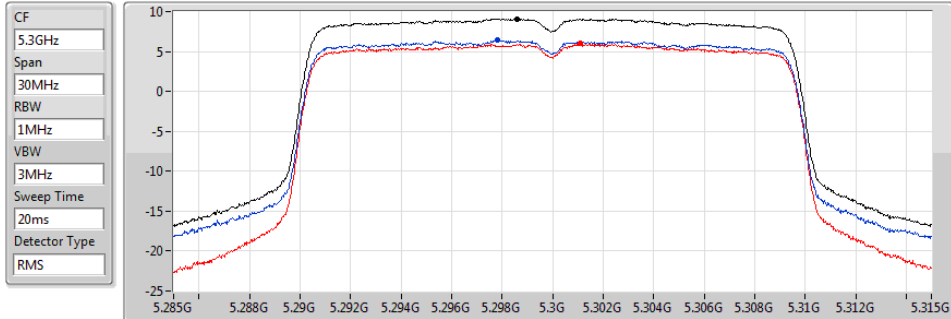
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	6.18	5.79

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

20/11/2020



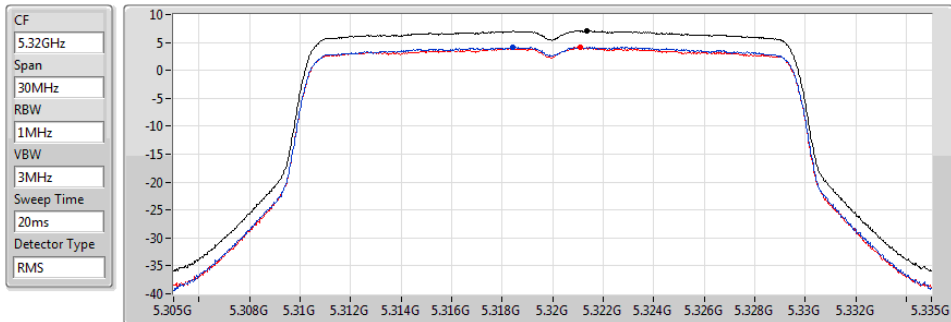
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.09	9.09	6.43	5.99

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

20/11/2020



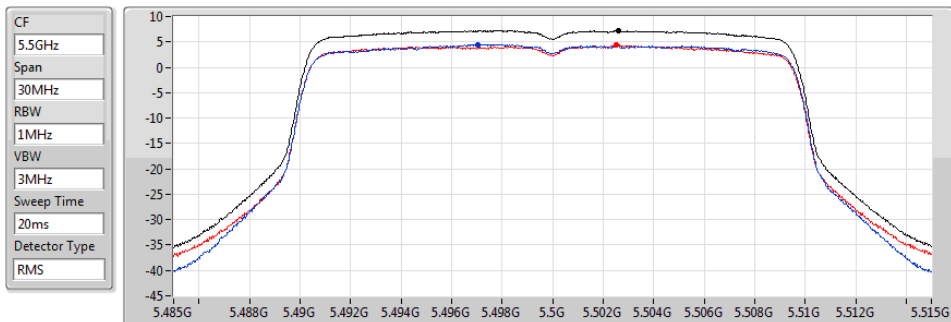
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.06	7.06	4.18	4.11

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

20/11/2020



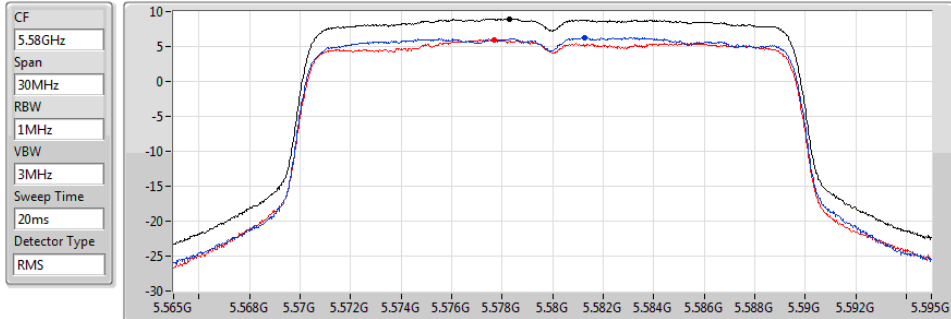
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.29	7.29	4.48	4.34

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

20/11/2020



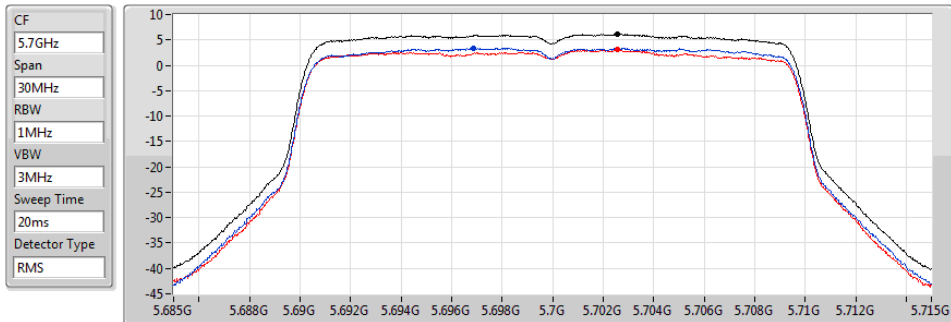
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.98	8.98	6.30	5.95

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

20/11/2020



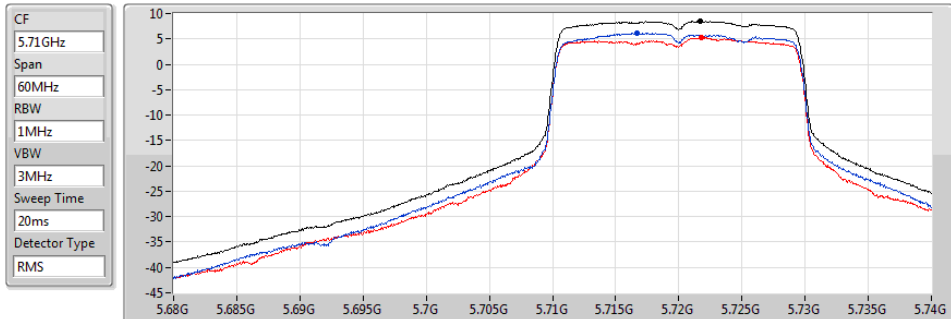
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.12	6.12	3.38	3.02

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

20/11/2020



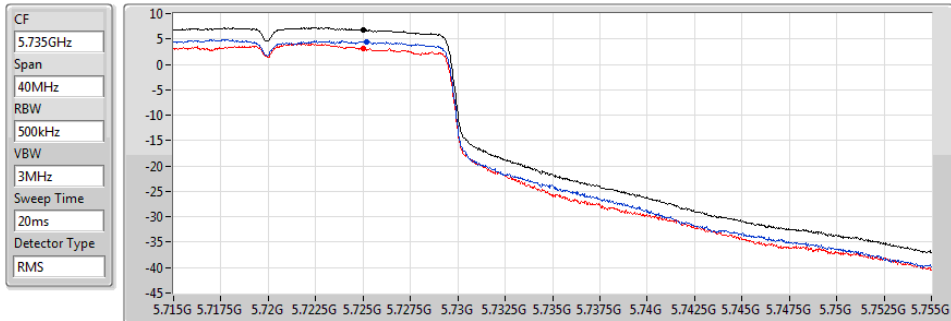
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.45	8.45	6.07	5.24

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

20/11/2020



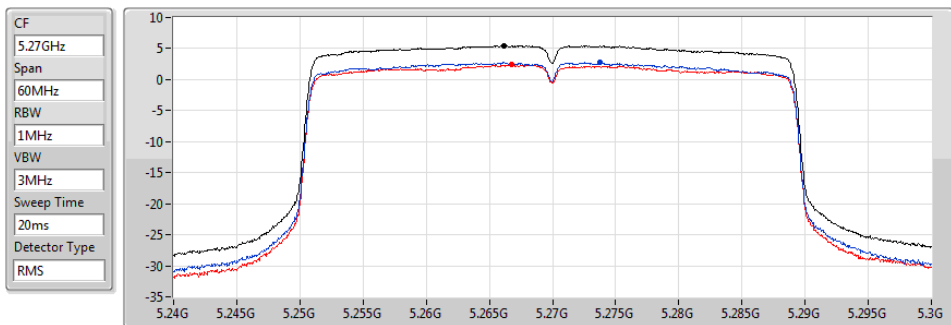
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.76	6.76	4.43	3.09

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz

PSD

20/11/2020



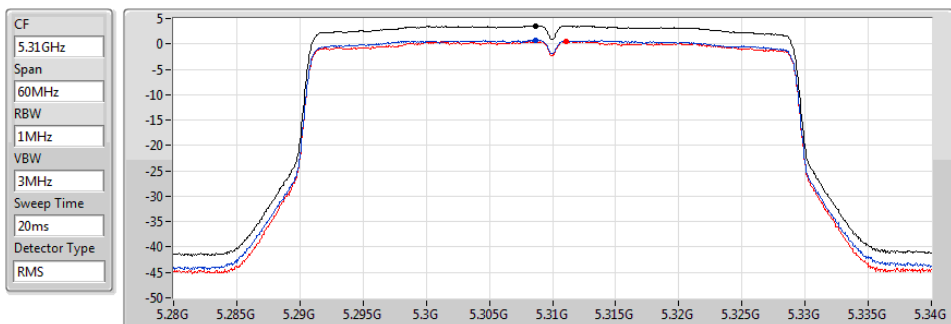
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.50	5.50	2.78	2.36

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz

PSD

20/11/2020



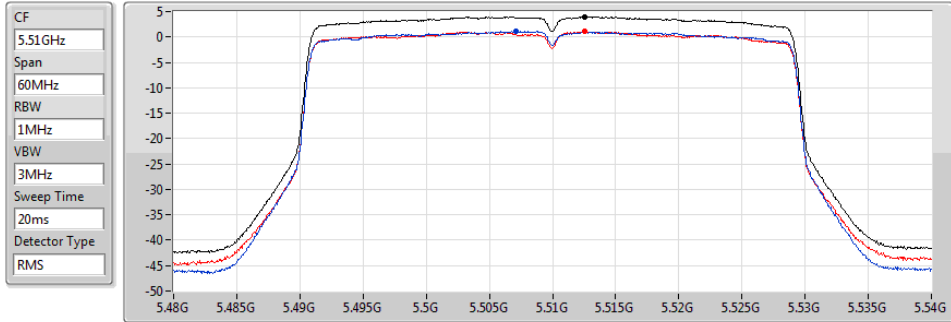
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.60	3.60	0.80	0.50

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

20/11/2020



Sum
Port 1
Port 2

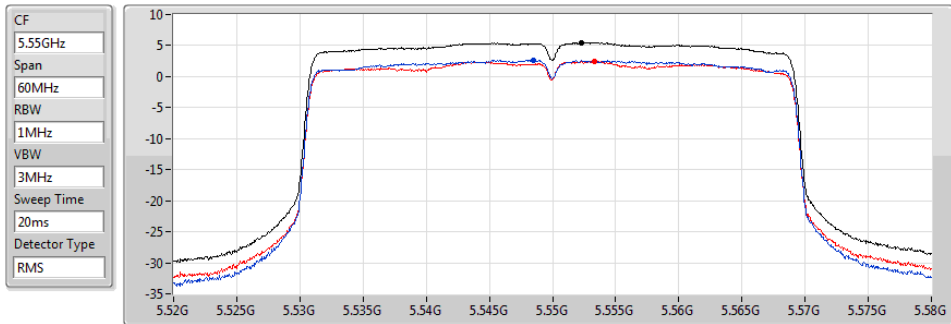
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.97	3.97	1.12	1.08

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

20/11/2020



Sum
Port 1
Port 2

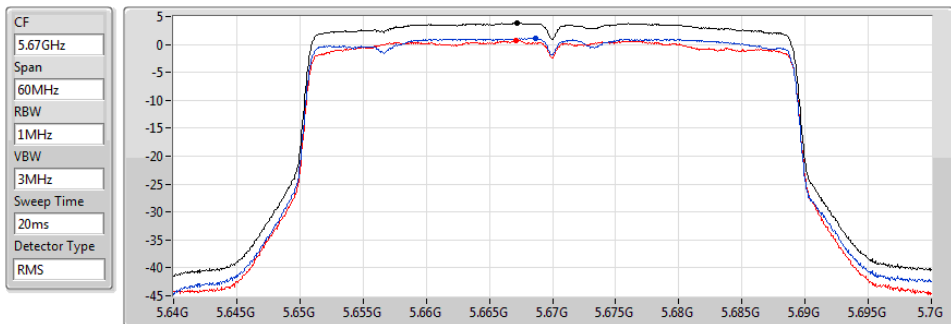
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.48	5.48	2.65	2.52

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

20/11/2020



Sum
Port 1
Port 2

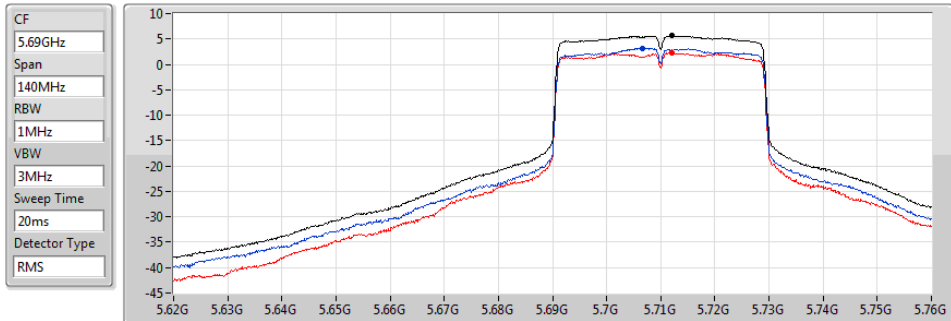
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	1.07	0.72

802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

20/11/2020



Sum
Port 1
Port 2

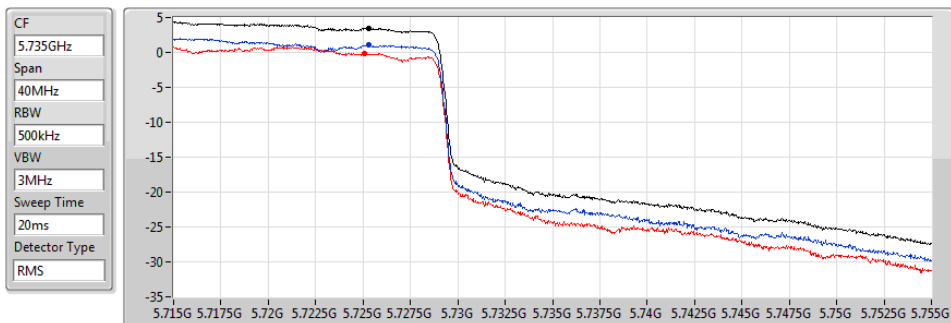
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.60	5.60	3.22	2.23

802.11ax HEW40_Nss1,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

20/11/2020



Sum
Port 1
Port 2

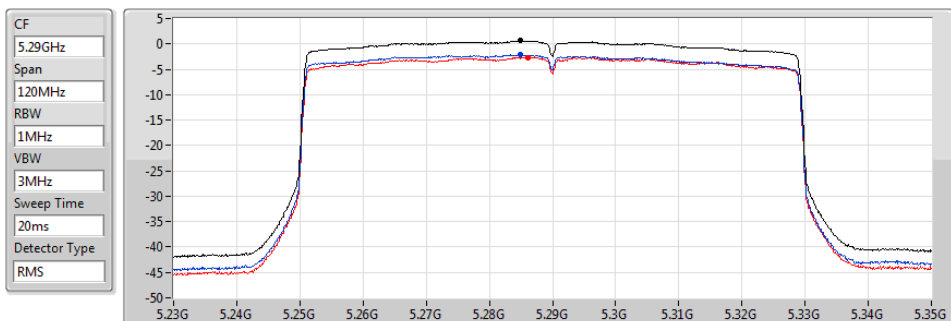
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.44	3.44	1.09	-0.13

802.11ax HEW80_Nss1,(MCS0)_2TX

5290MHz

PSD

20/11/2020



Sum
Port 1
Port 2

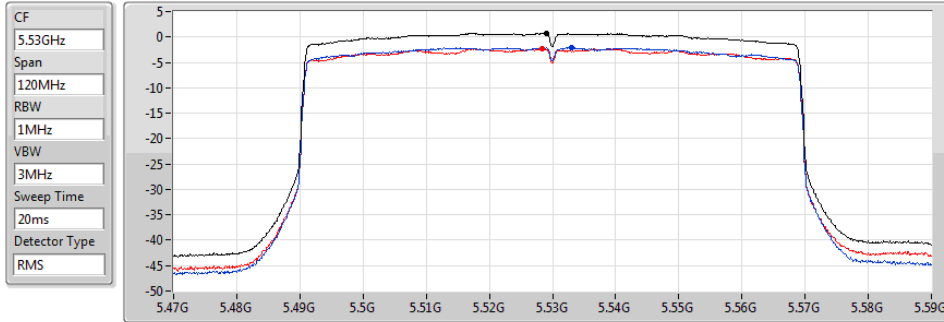
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.61	0.61	-2.09	-2.65

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

20/11/2020



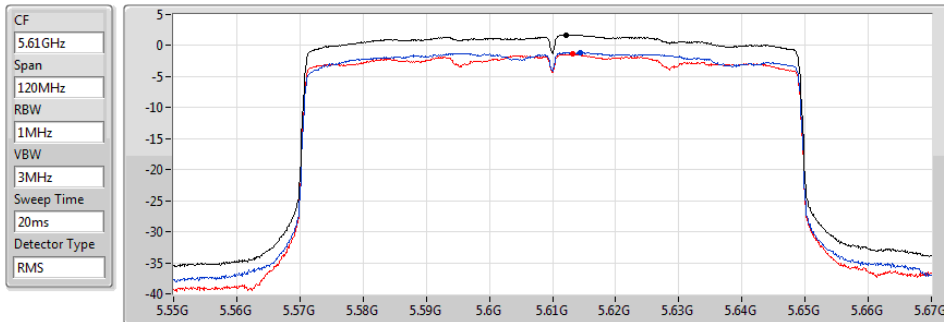
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.70	0.70	-2.08	-2.38

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

22/01/2021



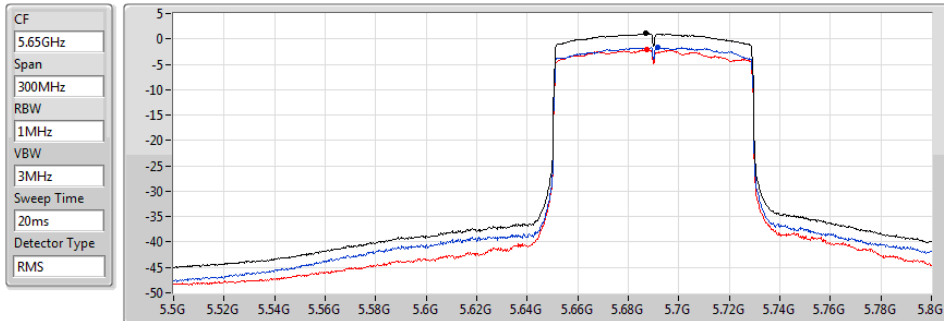
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.73	1.73	-1.10	-1.40

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

20/11/2020



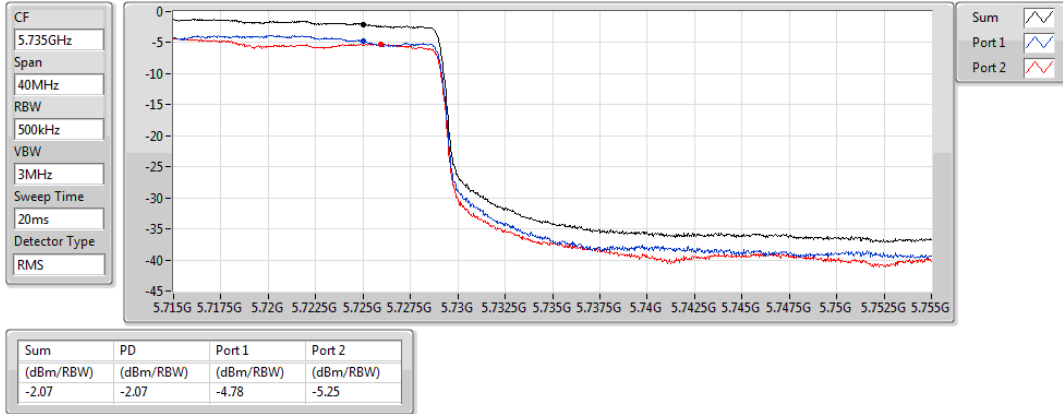
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.07	1.07	-1.64	-2.05

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

20/11/2020



For beamforming mode:

For Set 1:

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.54
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.08
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.54
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.58
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.10
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.75
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.33
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.18
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.39

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	-	-	-	-	-	-
5260MHz	Pass	4.26	6.55	6.74	9.54	11.00
5300MHz	Pass	4.26	6.31	6.10	9.10	11.00
5320MHz	Pass	4.26	5.26	5.28	8.21	11.00
5500MHz	Pass	4.16	6.18	6.49	9.34	11.00
5580MHz	Pass	4.16	6.88	6.39	9.58	11.00
5700MHz	Pass	4.16	5.57	4.45	7.99	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.16	3.73	2.51	6.13	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.91	1.82	0.78	4.33	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.26	3.48	2.84	6.08	11.00
5310MHz	Pass	4.26	2.06	1.79	4.86	11.00
5510MHz	Pass	4.16	2.07	2.27	4.97	11.00
5550MHz	Pass	4.16	3.25	2.94	5.99	11.00
5670MHz	Pass	4.16	4.29	3.97	7.10	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.16	3.07	2.02	5.54	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.91	0.43	0.07	3.18	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.26	-1.05	-1.44	1.54	11.00
5530MHz	Pass	4.16	-0.69	-1.43	1.72	11.00
5610MHz	Pass	4.16	-1.11	-0.74	1.96	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.16	0.47	1.98	3.75	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.91	-2.50	-2.61	0.39	30.00

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

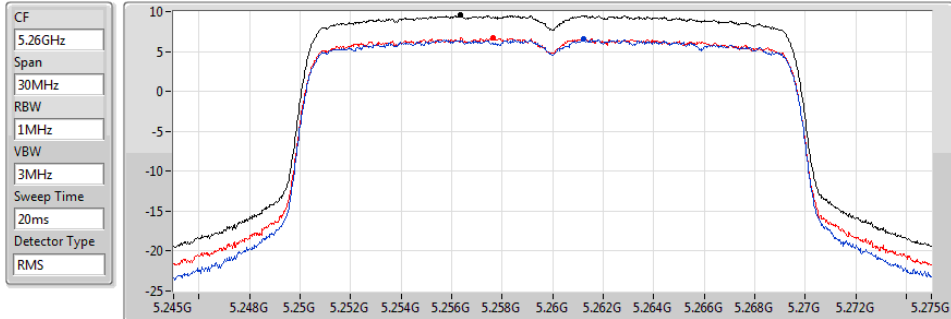
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

27/11/2020



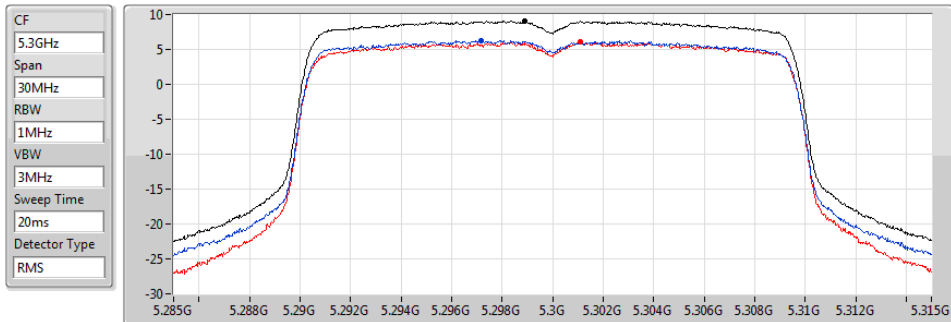
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
9.54	9.54	6.55	6.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

27/11/2020



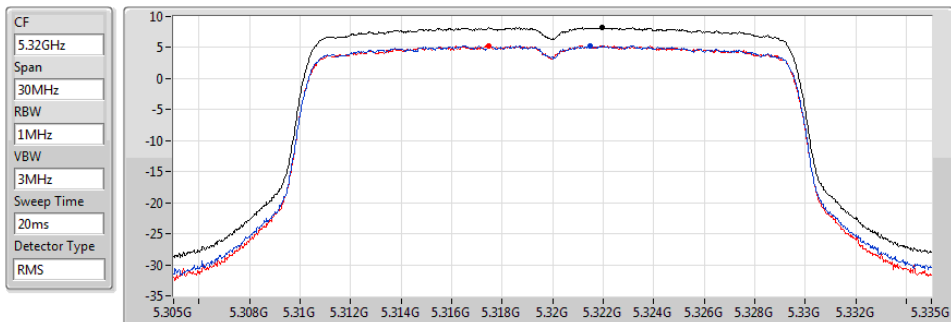
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
9.10	9.10	6.31	6.10

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

27/11/2020



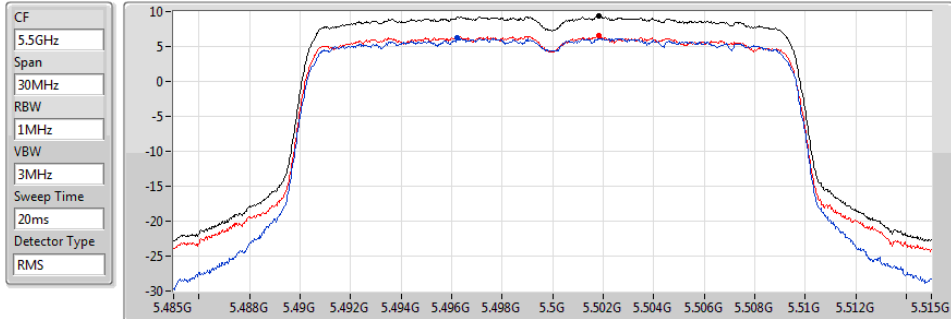
Sum	PD	Port 1	Port 2
(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)	(dBm/100Hz)
8.21	8.21	5.26	5.28

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

27/11/2020



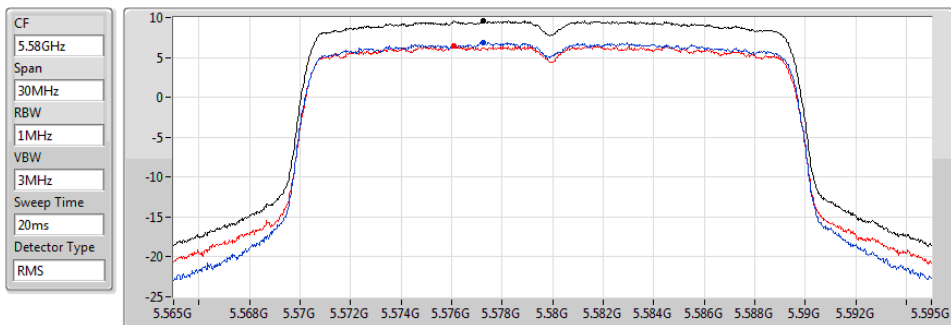
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.34	9.34	6.18	6.49

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

27/11/2020



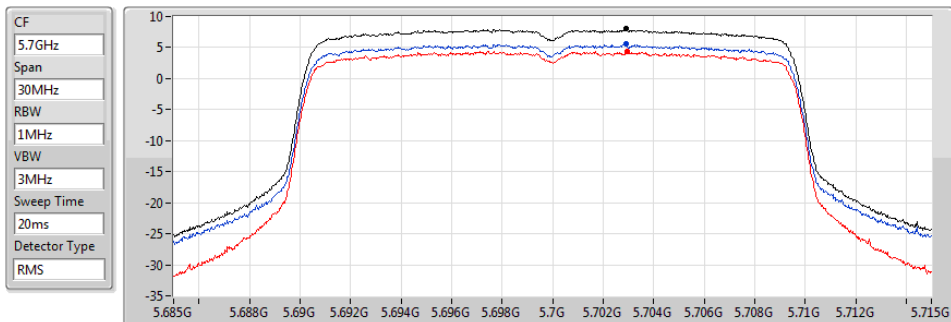
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.58	9.58	6.88	6.39

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

27/11/2020



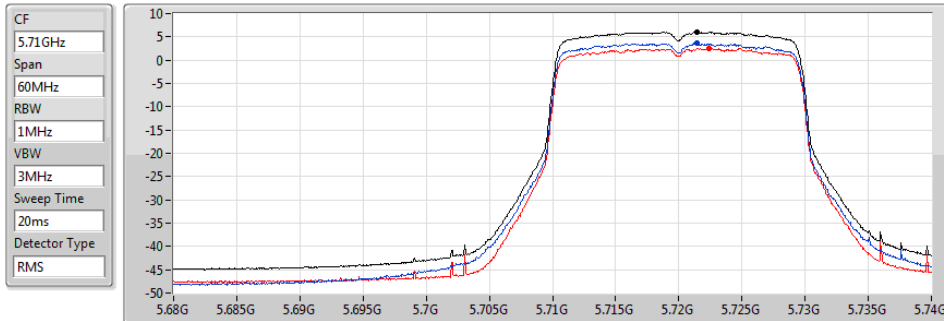
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	5.57	4.45

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

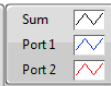
5720MHz Straddle 5.47-5.725GHz

PSD

28/11/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.13	6.13	3.73	2.51

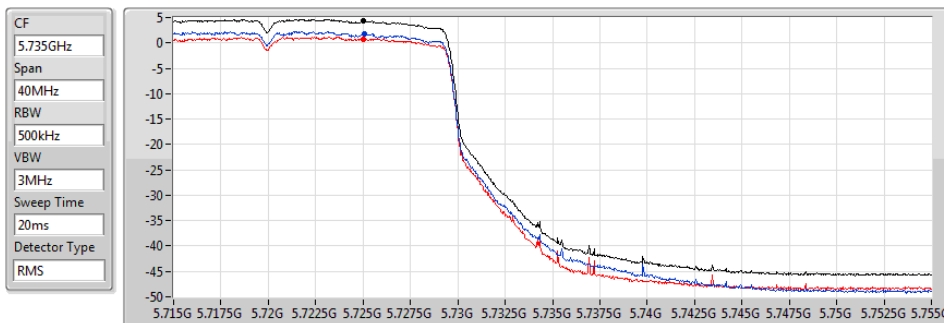


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

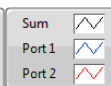
5720MHz Straddle 5.725-5.85GHz

PSD

28/11/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.33	4.33	1.82	0.78

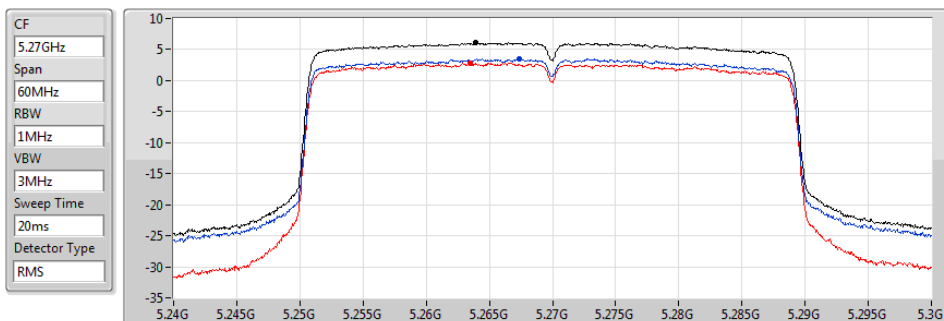


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

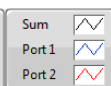
5270MHz

PSD

28/11/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	3.48	2.84

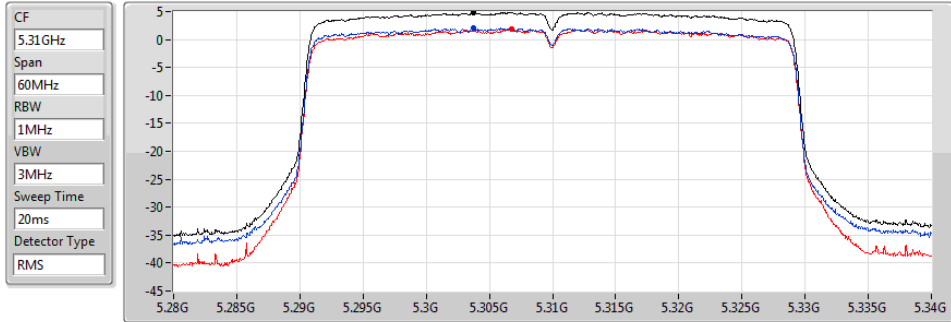


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

28/11/2020



Sum
Port 1
Port 2

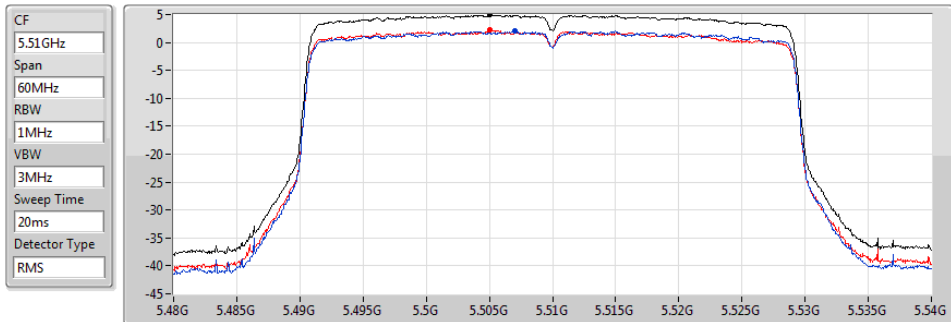
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.86	4.86	2.06	1.79

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

28/11/2020



Sum
Port 1
Port 2

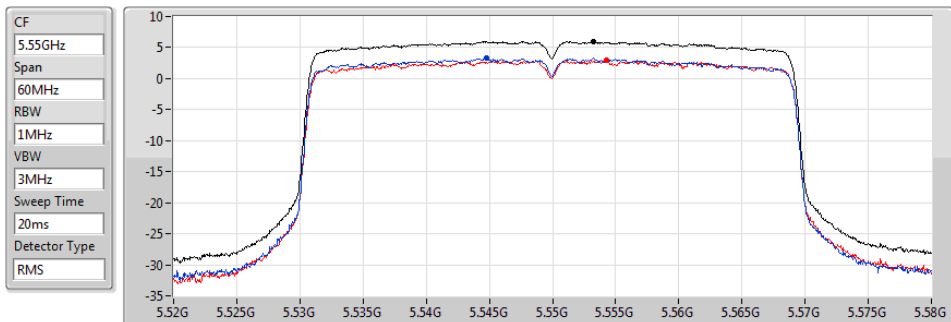
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.97	4.97	2.07	2.27

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

28/11/2020



Sum
Port 1
Port 2

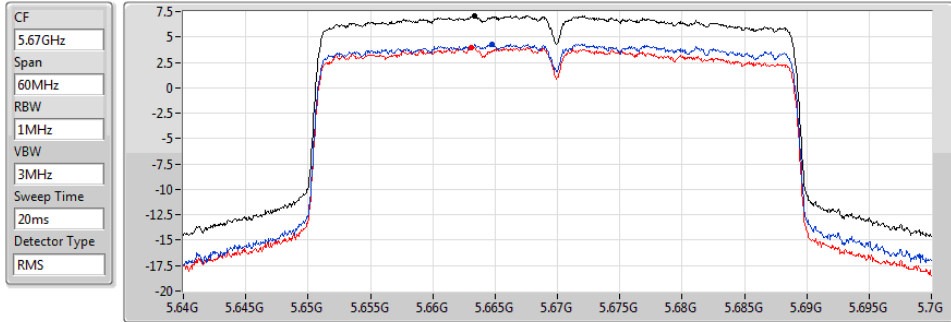
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.99	5.99	3.25	2.94

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

28/11/2020



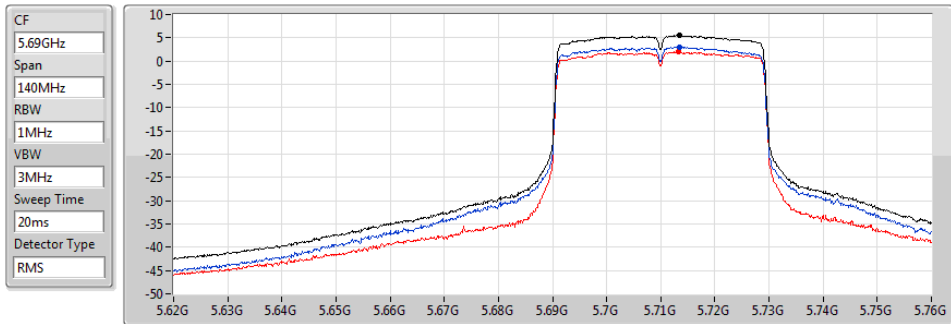
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	4.29	3.97

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

28/11/2020



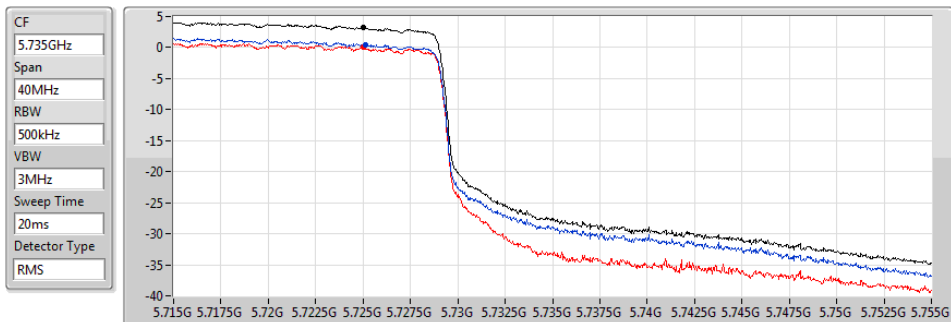
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	3.07	2.02

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

28/11/2020



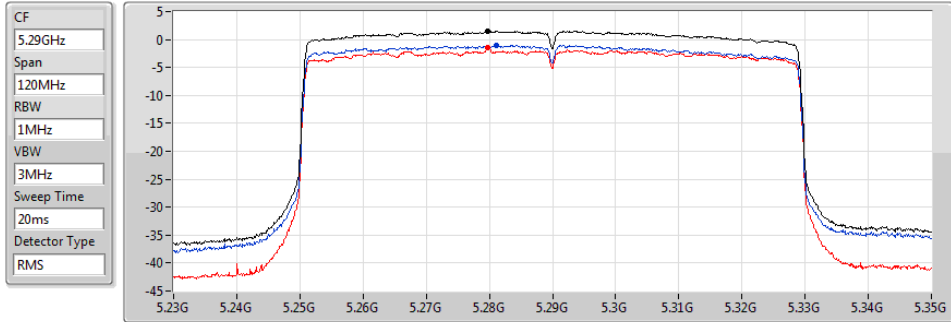
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.18	3.18	0.43	0.07

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

28/11/2020



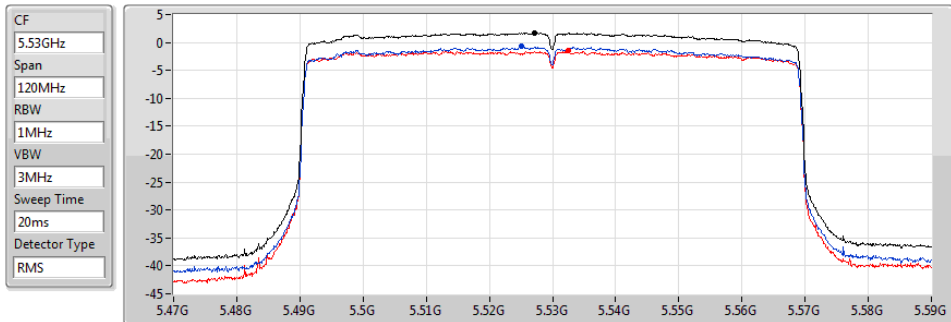
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.54	1.54	-1.05	-1.44

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

28/11/2020



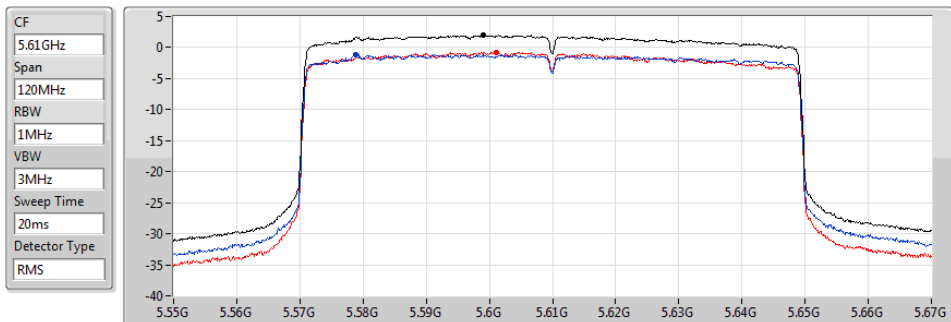
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.72	1.72	-0.69	-1.43

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/01/2021



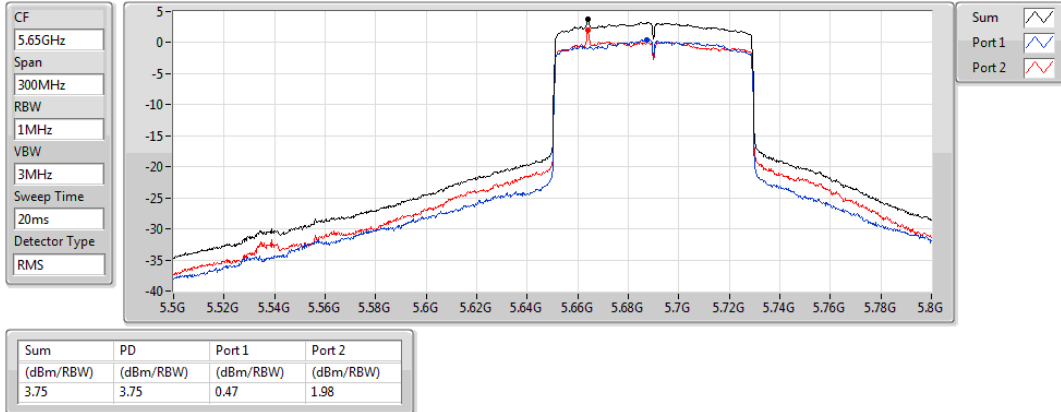
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.96	1.96	-1.11	-0.74

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

28/11/2020

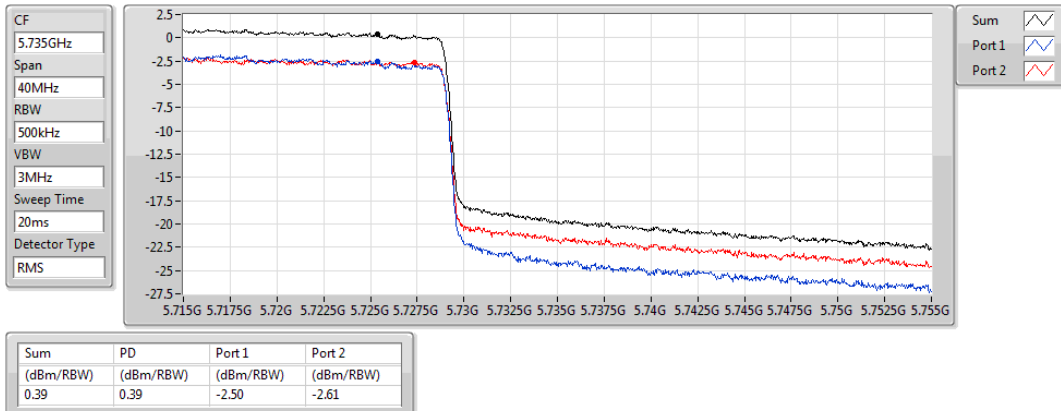


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

28/11/2020



For beamforming mode:

For Set 2:

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.14
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.06
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.27
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.55
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.40
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.94
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.35
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.21
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.55

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.6828	4.95	4.53	7.61	9.32
5300MHz	Pass	7.6828	5.41	5.08	8.14	9.32
5320MHz	Pass	7.6828	5.11	5.05	8.03	9.32
5500MHz	Pass	7.6236	5.33	5.53	8.32	9.38
5580MHz	Pass	7.6236	5.89	5.50	8.55	9.38
5700MHz	Pass	7.6236	2.32	1.75	4.93	9.38
5720MHz Straddle 5.47-5.725GHz	Pass	7.6236	3.61	2.67	6.07	9.38
5720MHz Straddle 5.725-5.85GHz	Pass	7.9060	1.65	1.01	4.35	28.09
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.6828	1.48	0.73	4.06	9.32
5310MHz	Pass	7.6828	-1.68	-2.04	1.00	9.32
5510MHz	Pass	7.6236	0.09	0.28	3.09	9.38
5550MHz	Pass	7.6236	0.32	0.09	3.22	9.38
5670MHz	Pass	7.6236	-1.05	-1.15	1.83	9.38
5710MHz Straddle 5.47-5.725GHz	Pass	7.6236	2.97	1.91	5.40	9.38
5710MHz Straddle 5.725-5.85GHz	Pass	7.9060	0.43	0.05	3.21	28.09
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.6828	-2.73	-3.67	-0.27	9.32
5530MHz	Pass	7.6236	-3.73	-4.47	-1.20	9.38
5610MHz	Pass	7.6236	-1.12	-0.81	1.95	9.38
5690MHz Straddle 5.47-5.725GHz	Pass	7.6236	-0.15	0.86	2.94	9.38
5690MHz Straddle 5.725-5.85GHz	Pass	7.9060	-3.26	-3.84	-0.55	28.09

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

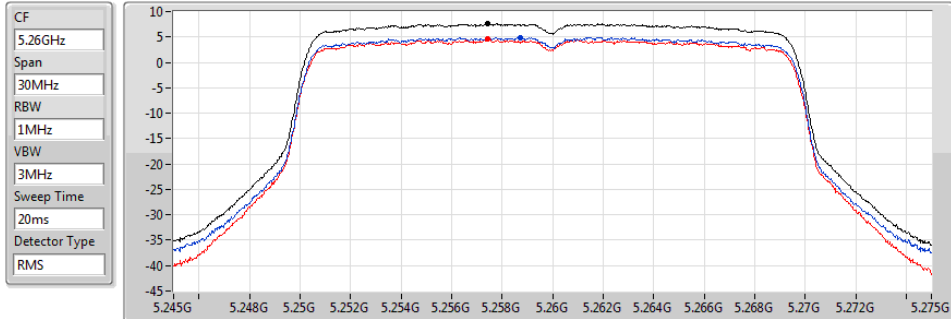
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

27/11/2020



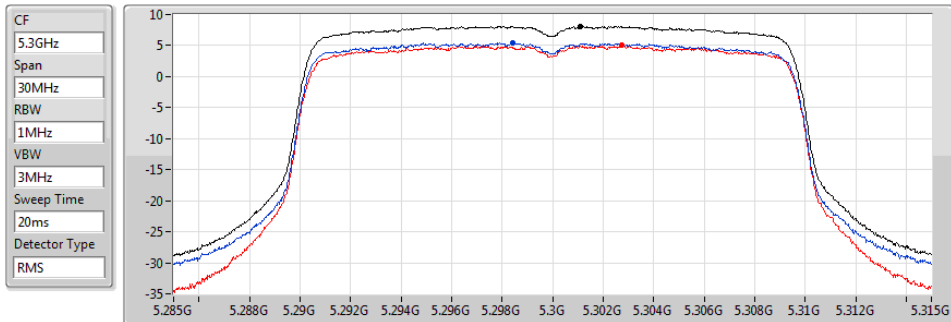
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	4.95	4.53

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

27/11/2020



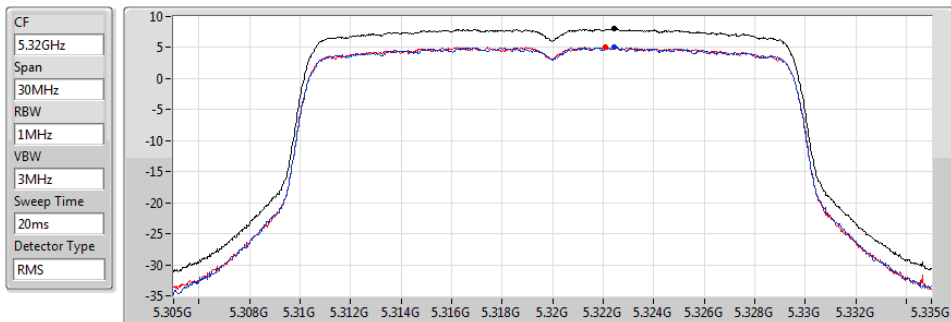
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	5.41	5.08

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

27/11/2020



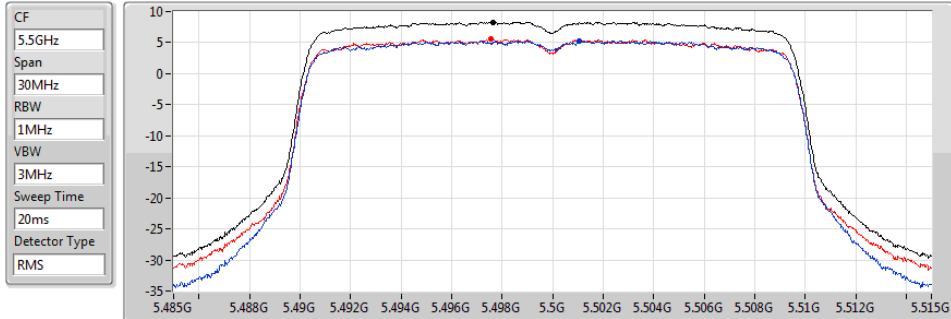
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	5.11	5.05

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

27/11/2020



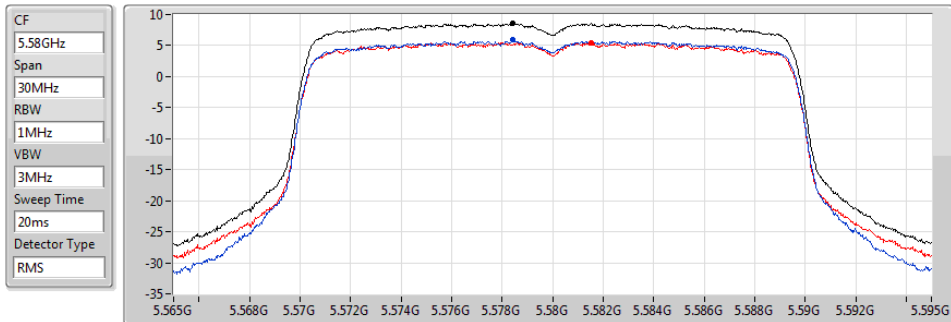
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.32	8.32	5.33	5.53

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

27/11/2020



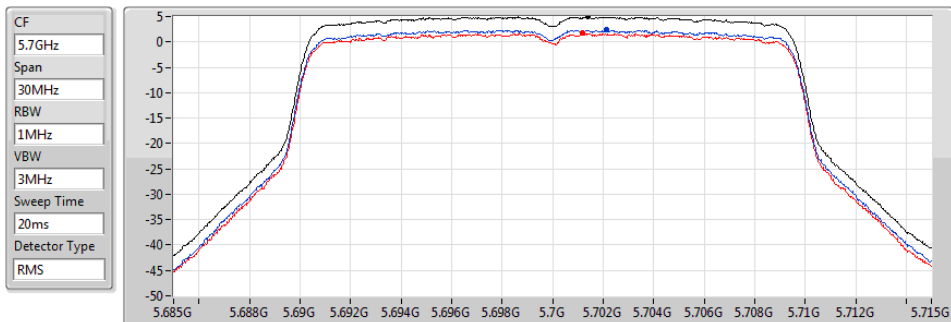
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.55	8.55	5.89	5.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

27/11/2020



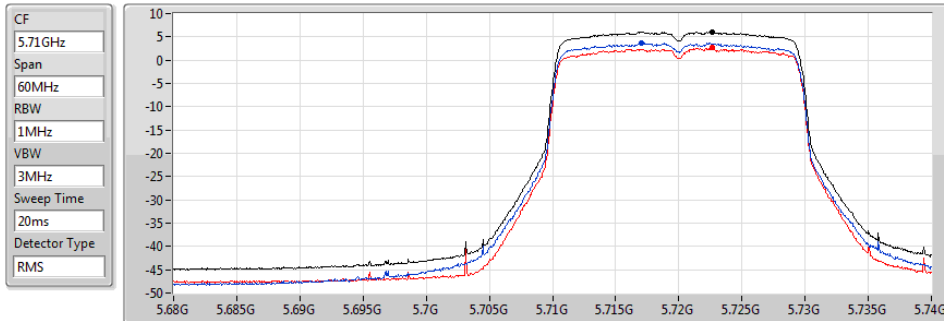
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.93	4.93	2.32	1.75

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

28/11/2020



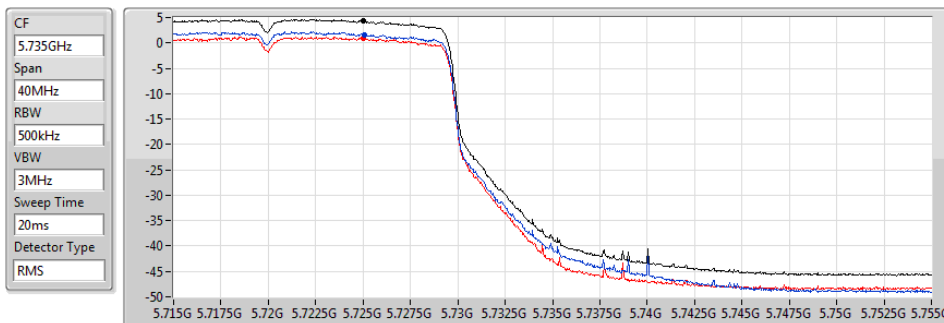
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.07	6.07	3.61	2.67

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

28/11/2020



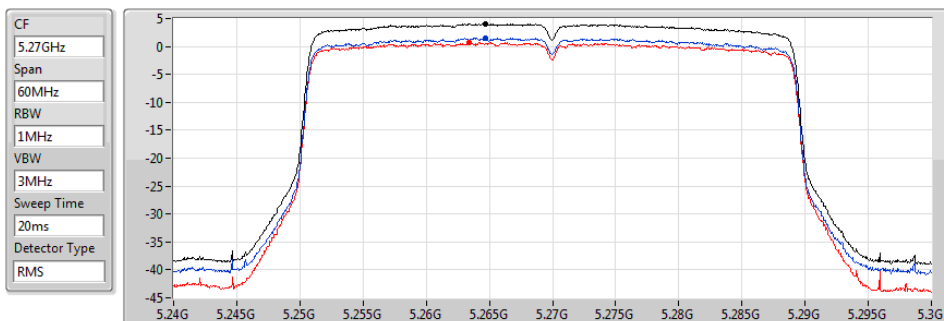
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.35	4.35	1.65	1.01

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

28/11/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.06	4.06	1.48	0.73

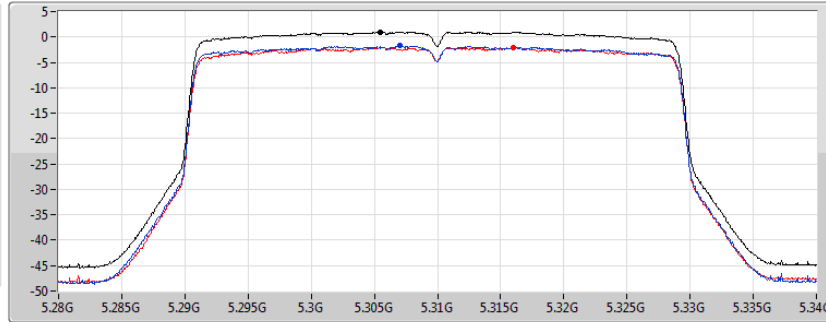
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

28/11/2020

CF
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.00	1.00	-1.68	-2.04

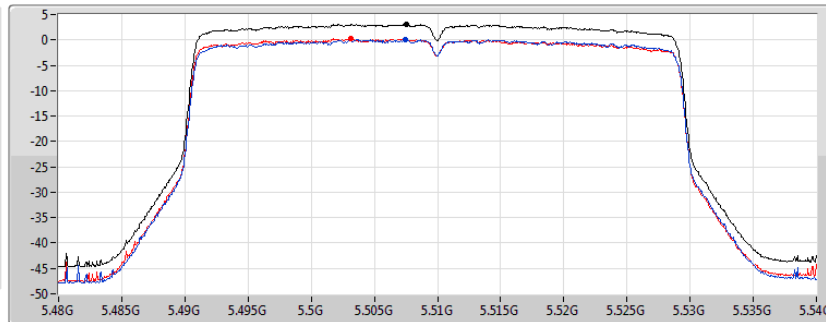
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

28/11/2020

CF
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.09	3.09	0.09	0.28

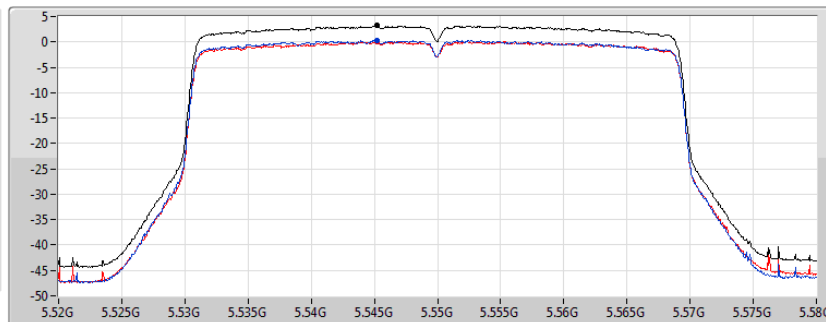
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

28/11/2020

CF
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

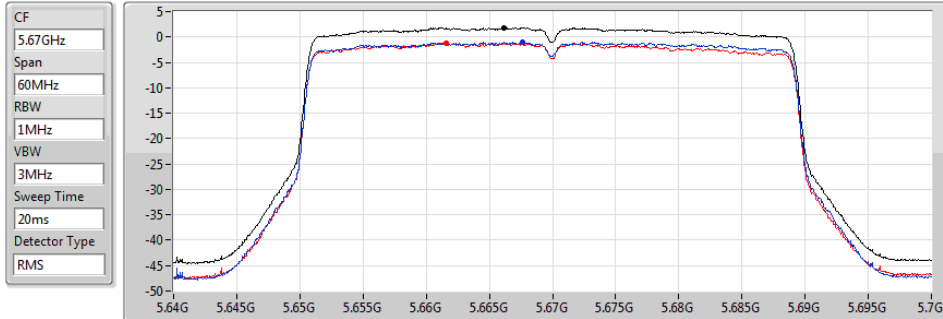
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.22	3.22	0.32	0.09

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

28/11/2020



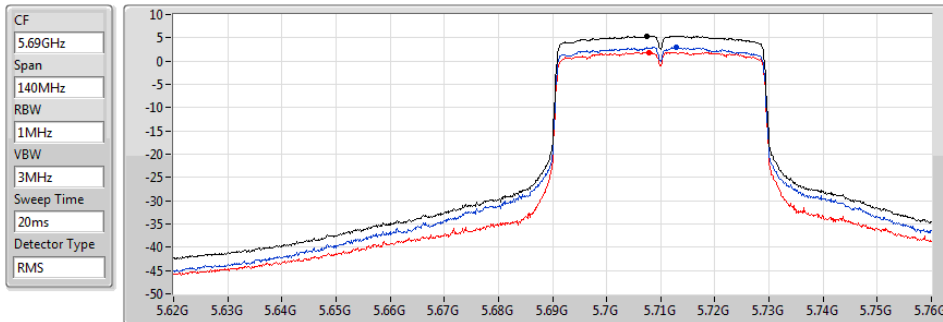
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.83	1.83	-1.05	-1.15

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

28/11/2020



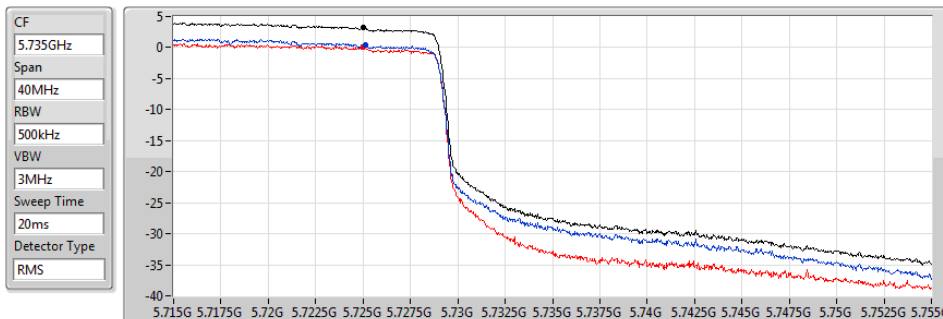
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.40	5.40	2.97	1.91

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

28/11/2020



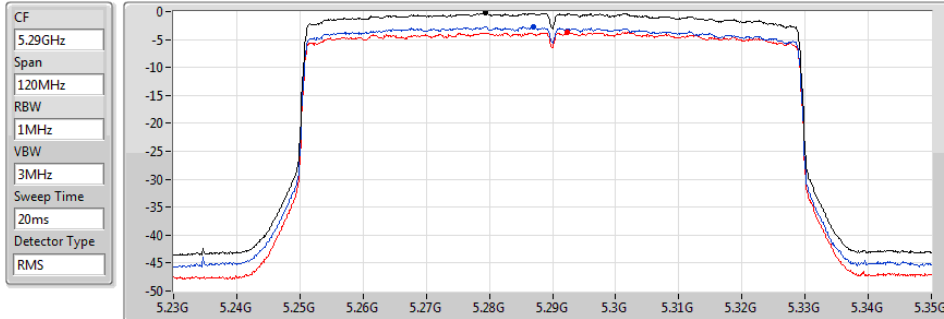
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.21	3.21	0.43	0.05

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

28/11/2020



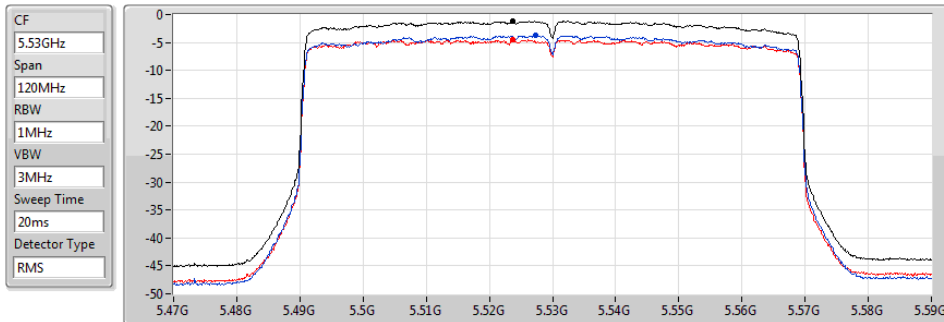
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.27	-0.27	-2.73	-3.67

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

28/11/2020



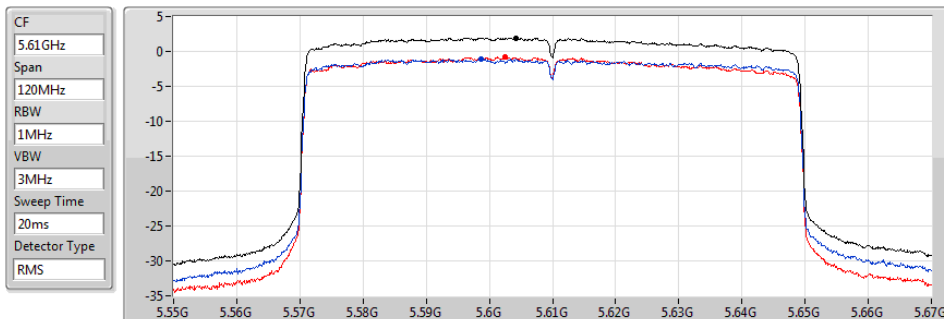
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.20	-1.20	-3.73	-4.47

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

23/01/2021



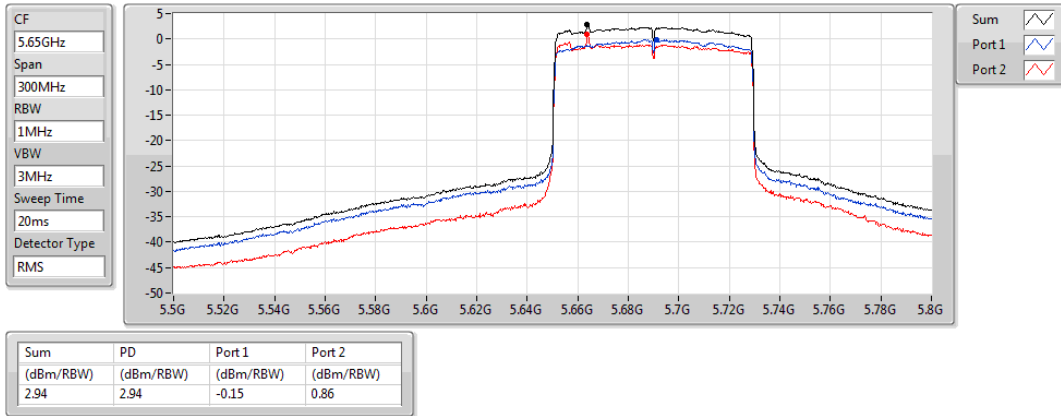
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.95	1.95	-1.12	-0.81

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

28/11/2020

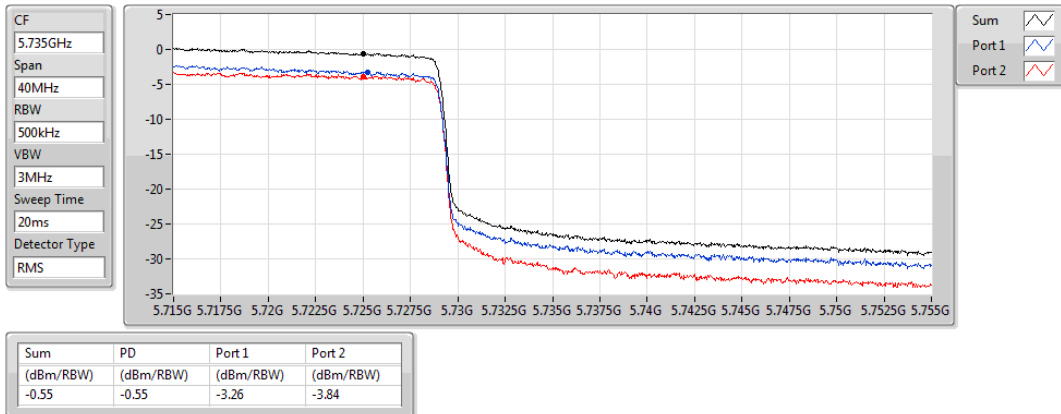


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

28/11/2020





For non-beamforming mode:

For Set 1:

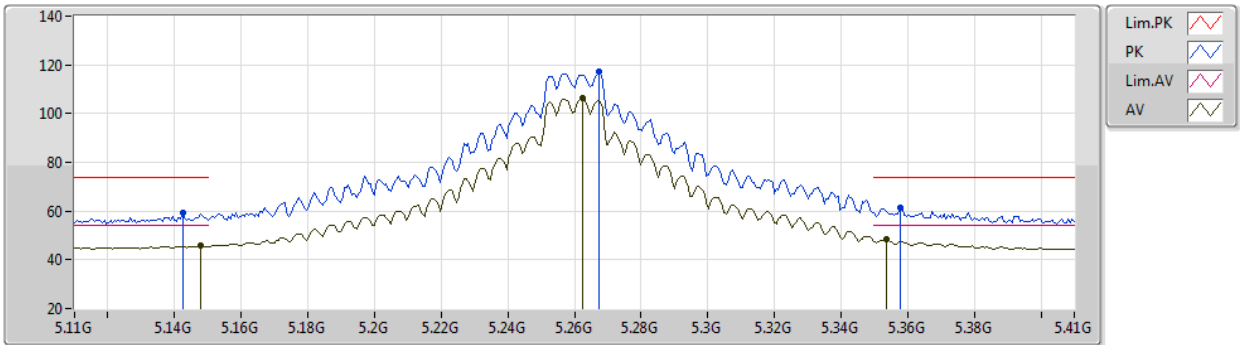
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.3524G	53.99	54.00	-0.01	3	Vertical	251	2.25	-

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5260MHz_TX



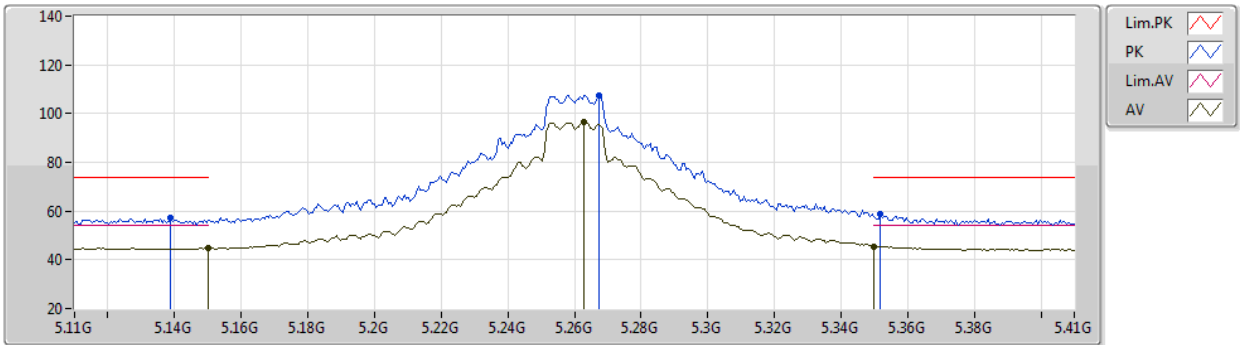
EUT Y_2TX
Setting 23
06-D-S-5-10

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	59.17	74.00	-14.83	54.00	3	Vertical	250	2.27	-	31.80	5.00	31.63
AV	5.1478G	45.90	54.00	-8.10	40.73	3	Vertical	250	2.27	-	31.80	5.00	31.63
PK	5.262G	116.99	Inf	-Inf	112.43	3	Vertical	250	2.27	-	31.27	5.00	31.71
AV	5.2624G	106.16	Inf	-Inf	101.59	3	Vertical	250	2.27	-	31.28	5.00	31.71
PK	5.3578G	61.20	74.00	-12.80	56.72	3	Vertical	250	2.27	-	31.25	5.00	31.77
AV	5.3536G	48.19	54.00	-5.81	43.74	3	Vertical	250	2.27	-	31.22	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5260MHz_TX



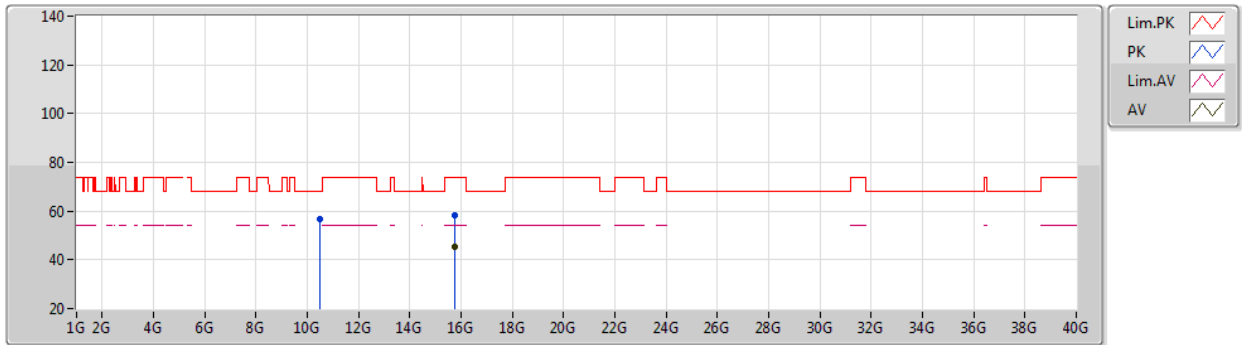
EUT Y_2TX
Setting 23
06-D-5-5-10

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	5.1388G	57.18	74.00	-16.82	52.00	3	Horizontal	100	1.80	-	31.80	5.00	31.62
AV	5.15G	44.72	54.00	-9.28	39.55	3	Horizontal	100	1.80	-	31.80	5.00	31.63
PK	5.2672G	107.43	Inf	-Inf	102.87	3	Horizontal	100	1.80	-	31.27	5.00	31.71
AV	5.263G	96.76	Inf	-Inf	92.20	3	Horizontal	100	1.80	-	31.27	5.00	31.71
PK	5.3518G	58.89	74.00	-15.11	54.45	3	Horizontal	100	1.80	-	31.21	5.00	31.77
AV	5.35G	45.58	54.00	-8.42	41.15	3	Horizontal	100	1.80	-	31.20	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5260MHz_TX



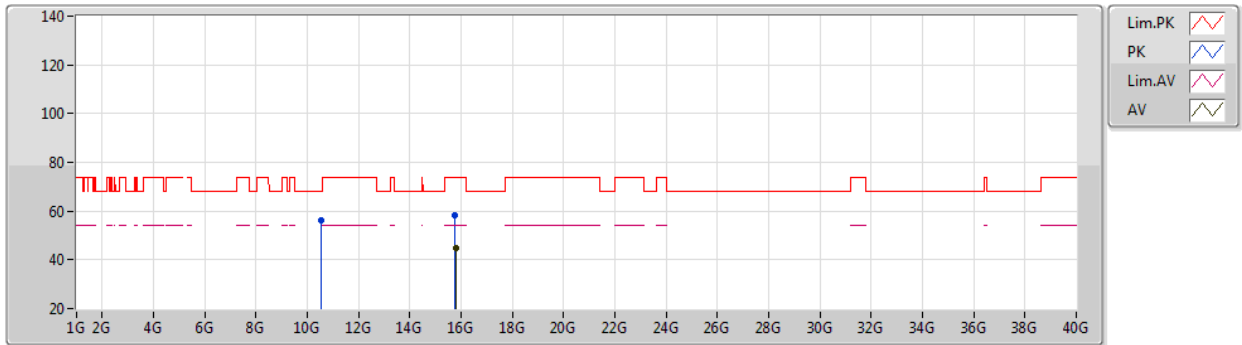
EUT Y_2TX
Setting 23
06-D-S-5

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	10.5148G	56.61	68.20	-11.59	42.76	3	Vertical	144	1.80	-	39.89	7.91	33.95
PK	15.77748G	58.39	74.00	-15.61	43.48	3	Vertical	54	1.80	-	38.51	10.49	34.09
AV	15.77168G	45.19	54.00	-8.81	30.25	3	Vertical	54	1.80	-	38.54	10.49	34.09

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5260MHz_TX



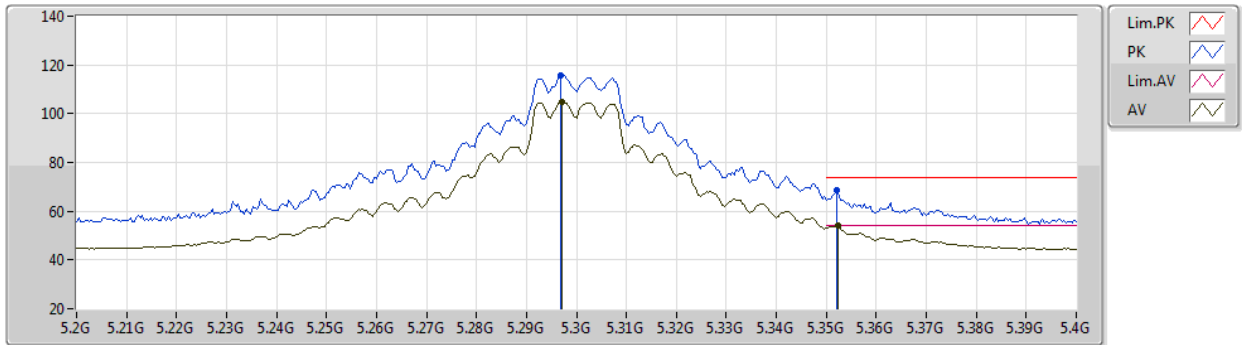
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Setting 23
06-D-S-5

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	10.52648G	56.26	68.20	-11.94	42.43	3	Horizontal	356	1.00	-	39.87	7.91	33.95
PK	15.77668G	58.27	74.00	-15.73	43.35	3	Horizontal	360	1.80	-	38.52	10.49	34.09
AV	15.78252G	44.70	54.00	-9.30	29.81	3	Horizontal	360	1.80	-	38.49	10.49	34.09

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5300MHz_TX



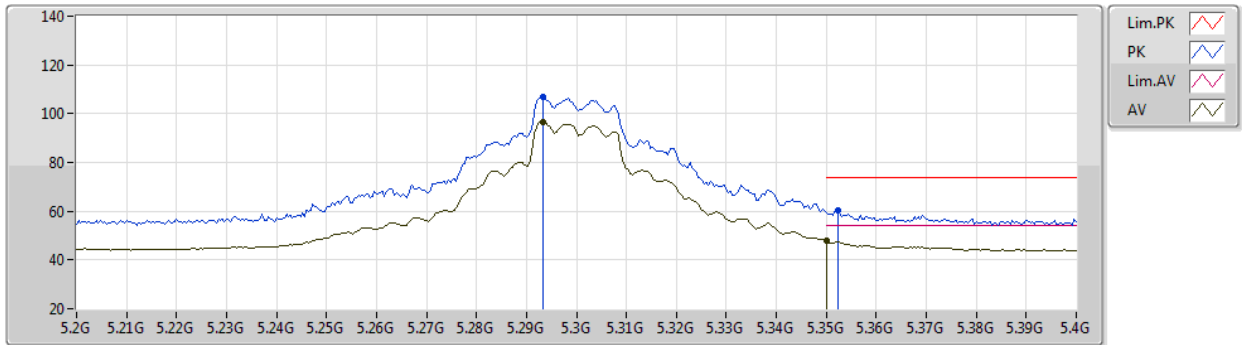
EUT Y_2TX
Setting 22
06-D-S-5-10

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	5.2968G	115.51	Inf	-Inf	111.03	3	Vertical	251	2.25	-	31.21	5.00	31.73
AV	5.2972G	104.71	Inf	-Inf	100.23	3	Vertical	251	2.25	-	31.21	5.00	31.73
PK	5.352G	68.46	74.00	-5.54	64.02	3	Vertical	251	2.25	-	31.21	5.00	31.77
AV	5.3524G	53.99	54.00	-0.01	49.55	3	Vertical	251	2.25	-	31.21	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5300MHz_TX



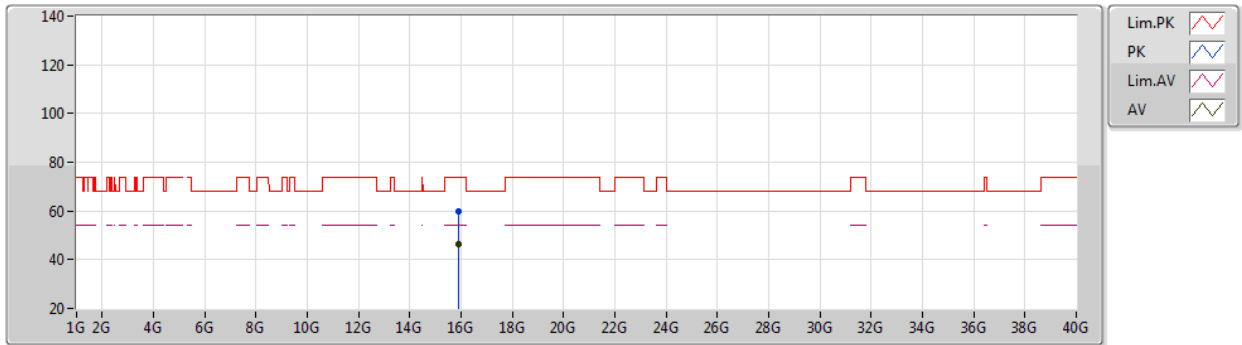
EUT Y_2TX
Setting 22
06-D-5-5-10

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	5.2932G	106.76	Inf	-Inf	102.28	3	Horizontal	121	1.94	-	31.21	5.00	31.73
AV	5.2932G	96.67	Inf	-Inf	92.19	3	Horizontal	121	1.94	-	31.21	5.00	31.73
PK	5.3524G	60.10	74.00	-13.90	55.66	3	Horizontal	121	1.94	-	31.21	5.00	31.77
AV	5.35G	47.71	54.00	-6.29	43.28	3	Horizontal	121	1.94	-	31.20	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5300MHz_TX



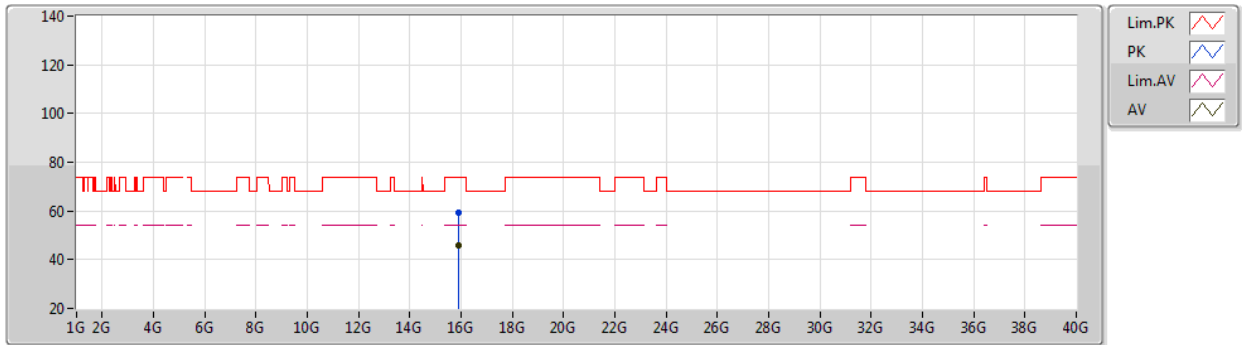
EUT Y_2TX
Setting 22
06-D-S-5

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	15.89732G	59.77	74.00	-14.23	45.19	3	Vertical	356	1.00	-	38.21	10.55	34.18
AV	15.89008G	46.20	54.00	-7.80	31.60	3	Vertical	356	1.00	-	38.22	10.55	34.17

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5300MHz_TX



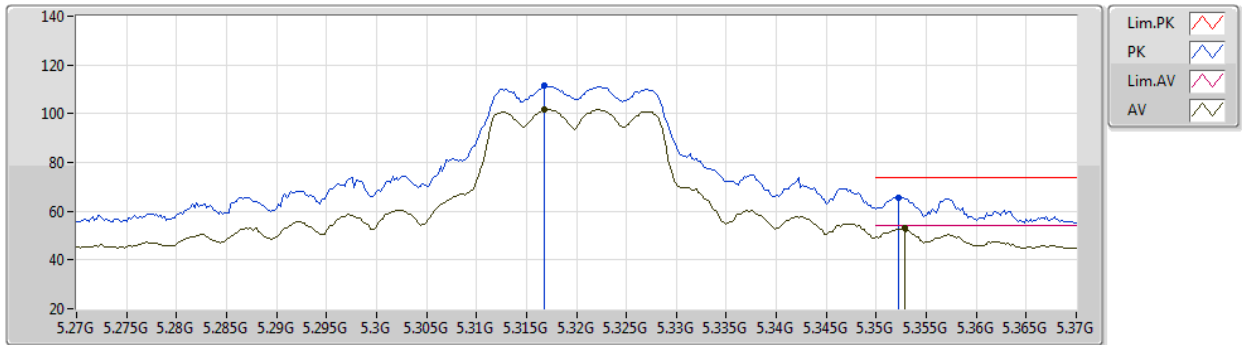
EUT Y_2TX
Setting 22
06-D-S-5

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	15.90064G	59.43	74.00	-14.57	44.86	3	Horizontal	245	1.97	-	38.20	10.55	34.18
AV	15.89016G	45.61	54.00	-8.39	31.01	3	Horizontal	245	1.97	-	38.22	10.55	34.17

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5320MHz_TX



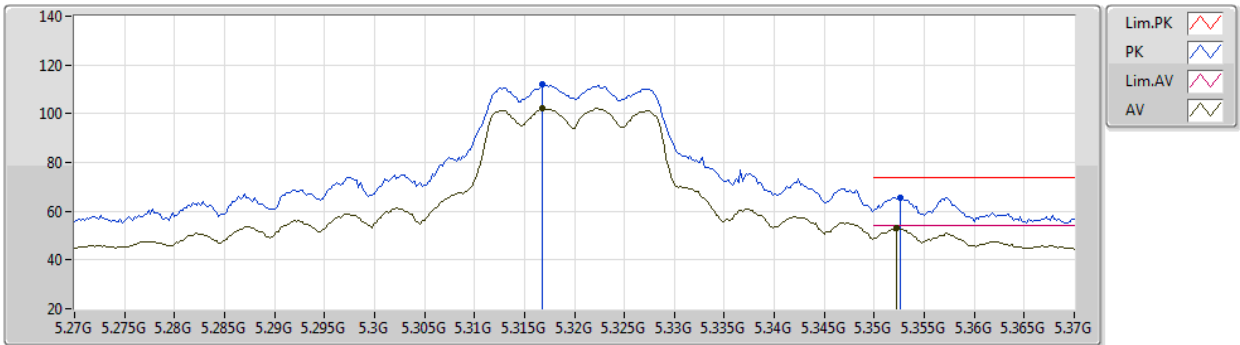
EUT Y_2TX
Setting 19.5
06-D-S-5-10

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	5.3168G	111.61	Inf	-Inf	107.16	3	Vertical	253	2.33	-	31.20	5.00	31.75
AV	5.3168G	101.75	Inf	-Inf	97.30	3	Vertical	253	2.33	-	31.20	5.00	31.75
PK	5.3522G	65.61	74.00	-8.39	61.17	3	Vertical	253	2.33	-	31.21	5.00	31.77
AV	5.3528G	53.32	54.00	-0.68	48.87	3	Vertical	253	2.33	-	31.22	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5320MHz_TX



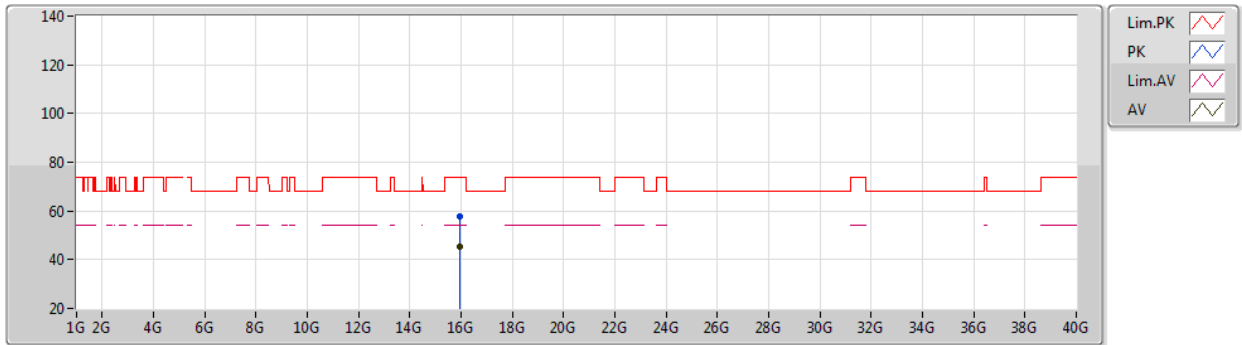
EUT Y_2TX
Setting 19.5
06-D-5-5-10

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	5.3168G	111.85	Inf	-Inf	107.40	3	Horizontal	252	2.34	-	31.20	5.00	31.75	
AV	5.3168G	102.12	Inf	-Inf	97.67	3	Horizontal	252	2.34	-	31.20	5.00	31.75	
PK	5.3526G	65.65	74.00	-8.35	61.20	3	Horizontal	252	2.34	-	31.22	5.00	31.77	
AV	5.3522G	52.88	54.00	-1.12	48.44	3	Horizontal	252	2.34	-	31.21	5.00	31.77	

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5320MHz_TX



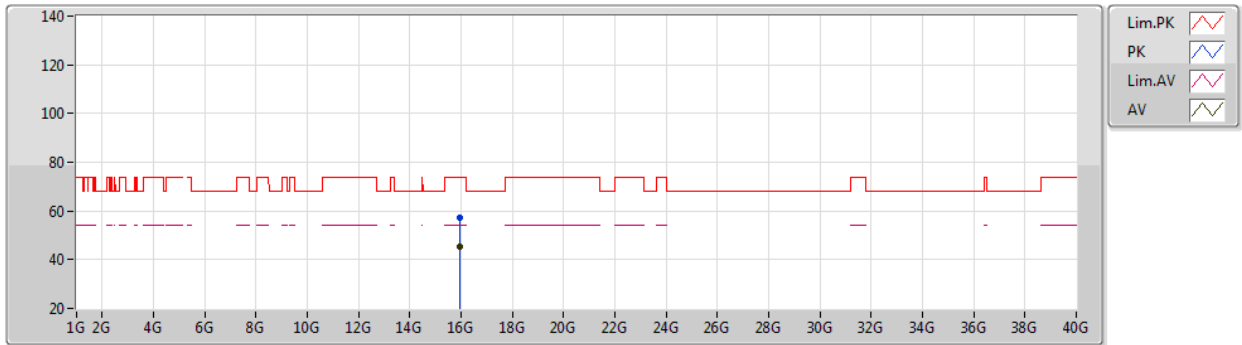
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Setting 19.5
06-D-S-5

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	15.9534G	57.78	74.00	-16.22	43.22	3	Vertical	223	2.08	-	38.20	10.58	34.22
AV	15.95868G	45.51	54.00	-8.49	30.95	3	Vertical	223	2.08	-	38.20	10.58	34.22

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5320MHz_TX



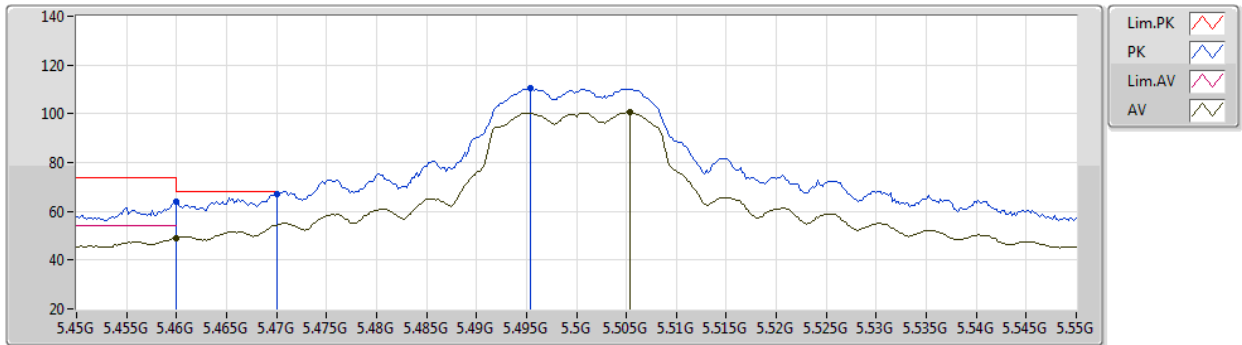
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Setting 19.5
06-D-S-5

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	15.96684G	57.46	74.00	-16.54	42.91	3	Horizontal	333	2.43	-	38.20	10.58	34.23
AV	15.9558G	45.36	54.00	-8.64	30.80	3	Horizontal	333	2.43	-	38.20	10.58	34.22

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5500MHz_TX



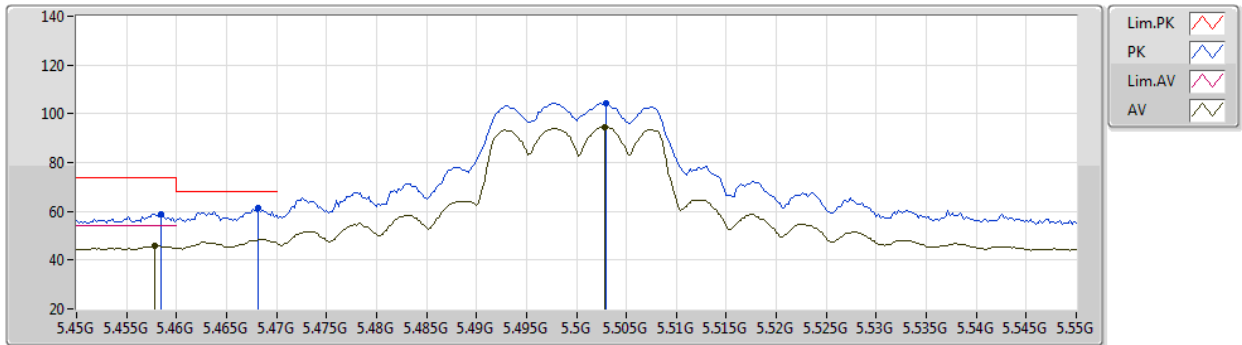
EUT Y_2TX
Setting 20.5
06-D-S-5-10

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	5.46G	63.83	74.00	-10.17	58.99	3	Vertical	234	2.43	-	31.62	5.06	31.84	
AV	5.46G	49.18	54.00	-4.82	44.34	3	Vertical	234	2.43	-	31.62	5.06	31.84	
PK	5.47G	66.83	68.20	-1.37	61.97	3	Vertical	234	2.43	-	31.64	5.07	31.85	
PK	5.4954G	110.77	Inf	-Inf	105.85	3	Vertical	234	2.43	-	31.69	5.10	31.87	
AV	5.5054G	100.59	Inf	-Inf	95.67	3	Vertical	234	2.43	-	31.68	5.11	31.87	

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5500MHz_TX



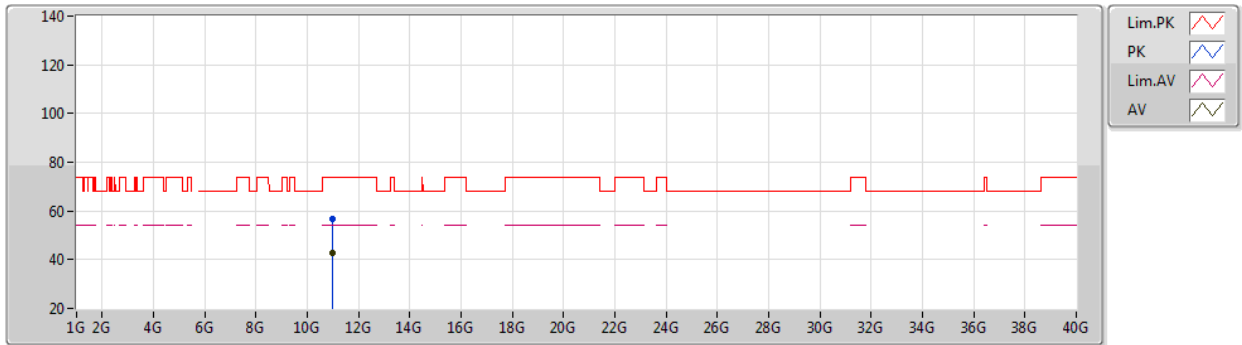
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Setting 20.5
06-D-S-5-10

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	5.4584G	58.74	74.00	-15.26	53.90	3	Horizontal	320	1.69	-	31.62	5.06	31.84
AV	5.4578G	45.98	54.00	-8.02	41.14	3	Horizontal	320	1.69	-	31.62	5.06	31.84
PK	5.4682G	61.18	68.20	-7.02	56.32	3	Horizontal	320	1.69	-	31.64	5.07	31.85
PK	5.503G	104.49	Inf	-Inf	99.57	3	Horizontal	320	1.69	-	31.69	5.10	31.87
AV	5.5028G	94.57	Inf	-Inf	89.65	3	Horizontal	320	1.69	-	31.69	5.10	31.87

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5500MHz_TX



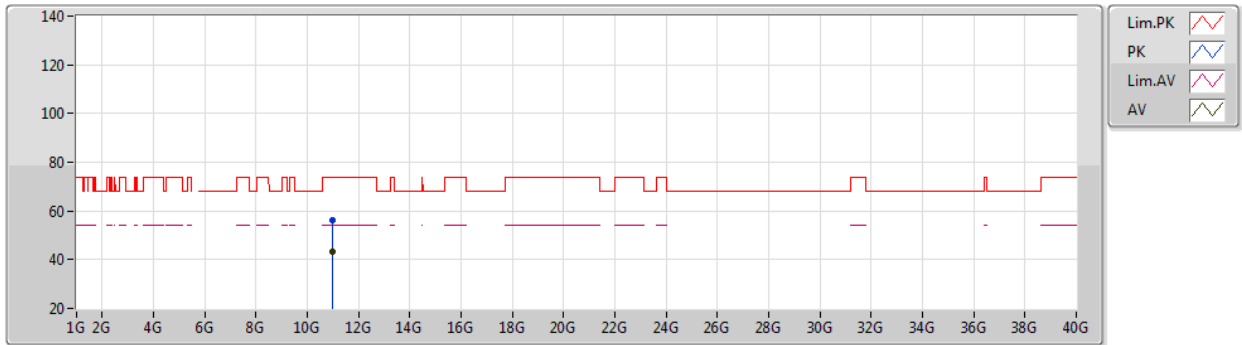
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Setting 20.5
06-D-S-5

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	11.00432G	56.50	74.00	-17.50	42.38	3	Vertical	333	1.24	-	40.18	8.10	34.16
AV	10.99336G	43.00	54.00	-11.00	28.85	3	Vertical	333	1.24	-	40.21	8.10	34.16

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5500MHz_TX



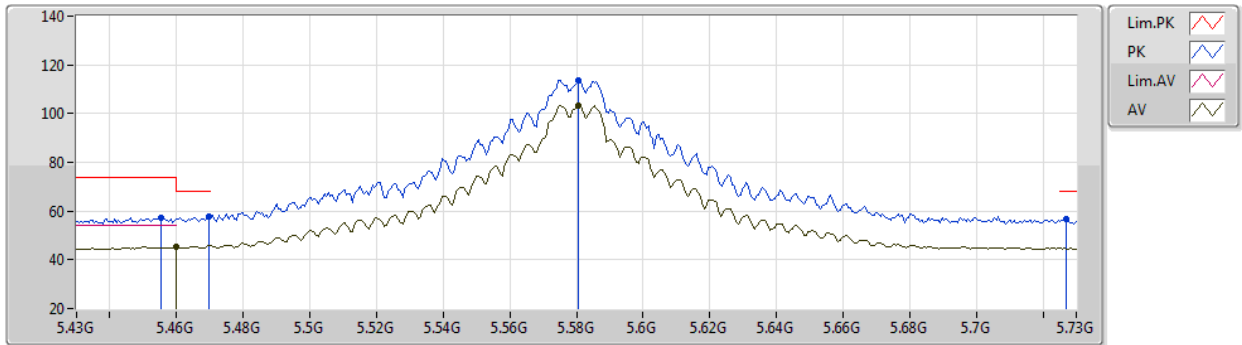
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Setting 20.5
06-D-S-5

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	11.00124G	56.21	74.00	-17.79	42.07	3	Horizontal	41	1.06	-	40.20	8.10	34.16
AV	11.00772G	43.06	54.00	-10.94	28.95	3	Horizontal	41	1.06	-	40.17	8.10	34.16

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5580MHz_TX



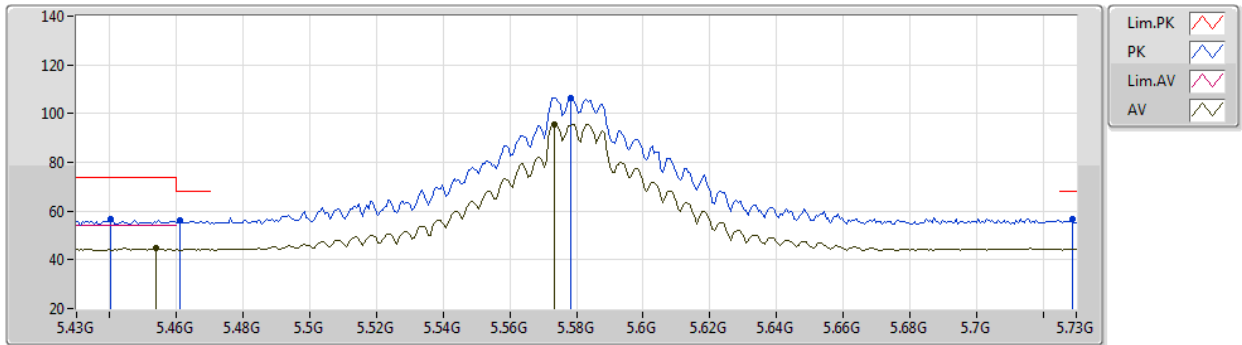
EUT Y_2TX
Setting 23
06-D-5-5-10

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	5.4552G	57.30	74.00	-16.70	52.47	3	Vertical	235	2.37	-	31.61	5.06	31.84
AV	5.46G	45.30	54.00	-8.70	40.46	3	Vertical	235	2.37	-	31.62	5.06	31.84
PK	5.4696G	57.87	68.20	-10.33	53.01	3	Vertical	235	2.37	-	31.64	5.07	31.85
PK	5.5806G	113.76	Inf	-Inf	108.91	3	Vertical	235	2.37	-	31.50	5.18	31.83
AV	5.5806G	103.24	Inf	-Inf	98.39	3	Vertical	235	2.37	-	31.50	5.18	31.83
PK	5.727G	56.62	68.20	-11.58	51.31	3	Vertical	235	2.37	-	31.81	5.26	31.76

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5580MHz_TX



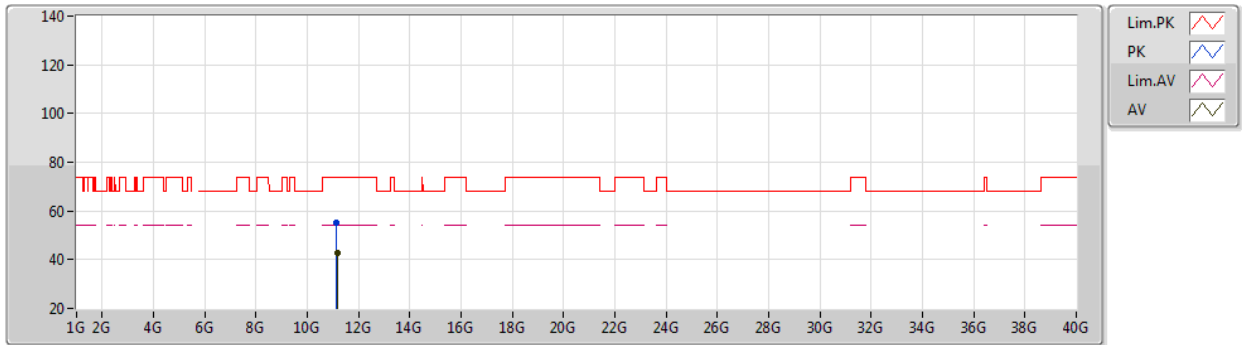
EUT Y_2TX
Setting 23
06-D-5-5-10

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	5.4402G	56.76	74.00	-17.24	51.97	3	Horizontal	93	1.75	-	31.58	5.04	31.83
PK	5.4612G	56.08	68.20	-12.12	51.24	3	Horizontal	93	1.75	-	31.62	5.06	31.84
AV	5.454G	44.71	54.00	-9.29	39.89	3	Horizontal	93	1.75	-	31.61	5.05	31.84
PK	5.5782G	106.33	Inf	-Inf	101.48	3	Horizontal	93	1.75	-	31.50	5.18	31.83
AV	5.5734G	95.77	Inf	-Inf	90.93	3	Horizontal	93	1.75	-	31.50	5.17	31.83
PK	5.7288G	56.91	68.20	-11.29	51.59	3	Horizontal	93	1.75	-	31.82	5.26	31.76

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5580MHz_TX



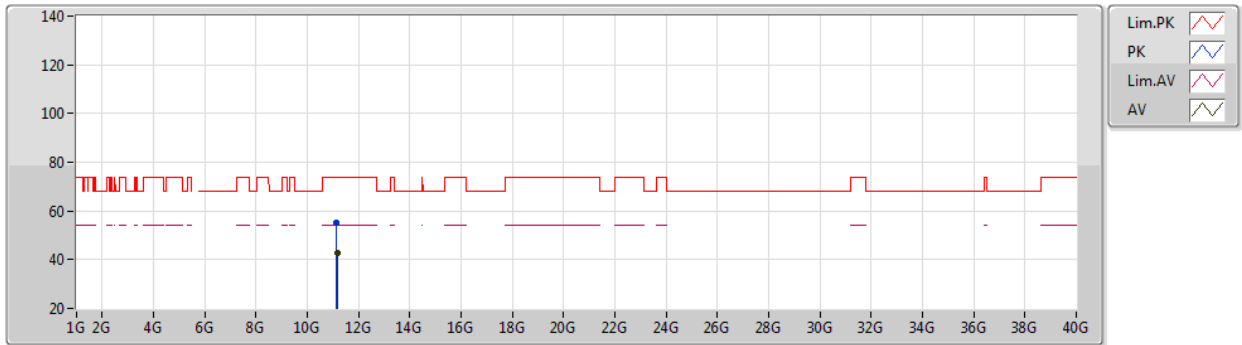
EUT Y_2TX
Setting 23
06-D-S-5

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	11.15012G	55.23	74.00	-18.77	41.55	3	Vertical	295	1.80	-	39.70	8.16	34.18
AV	11.1594G	42.67	54.00	-11.33	29.01	3	Vertical	295	1.80	-	39.68	8.16	34.18

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5580MHz_TX



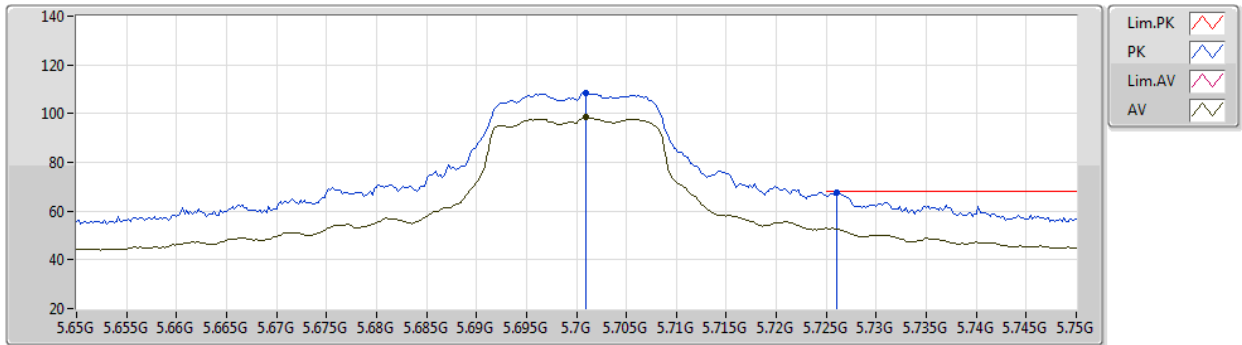
EUT Y_2TX
Setting 23
06-D-S-5

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	11.15552G	55.22	74.00	-18.78	41.55	3	Horizontal	82	2.60	-	39.69	8.16	34.18
AV	11.16112G	42.67	54.00	-11.33	29.01	3	Horizontal	82	2.60	-	39.68	8.16	34.18

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5700MHz_TX



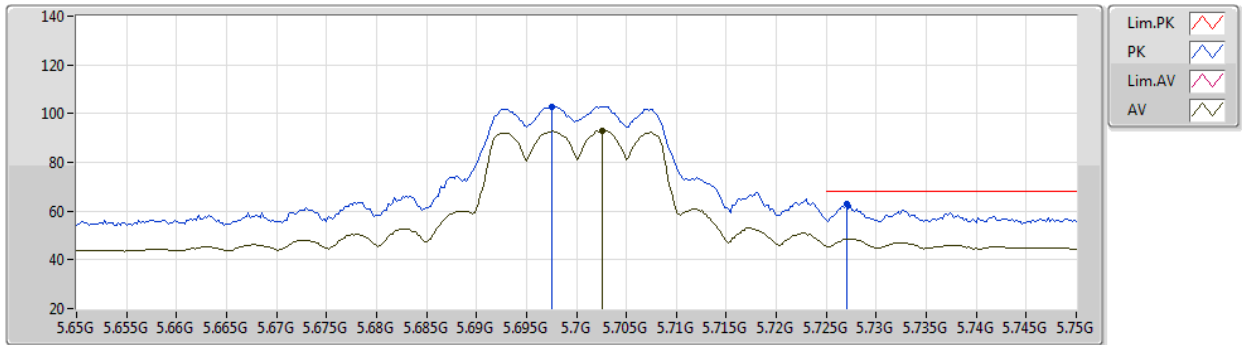
EUT Y_2TX
Setting 19.5
06-D-S-5-10

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	5.701G	108.58	Inf	-Inf	103.40	3	Vertical	232	2.31	-	31.70	5.25	31.77
AV	5.701G	98.48	Inf	-Inf	93.30	3	Vertical	232	2.31	-	31.70	5.25	31.77
PK	5.726G	67.67	68.20	-0.53	62.37	3	Vertical	232	2.31	-	31.80	5.26	31.76

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5700MHz_TX



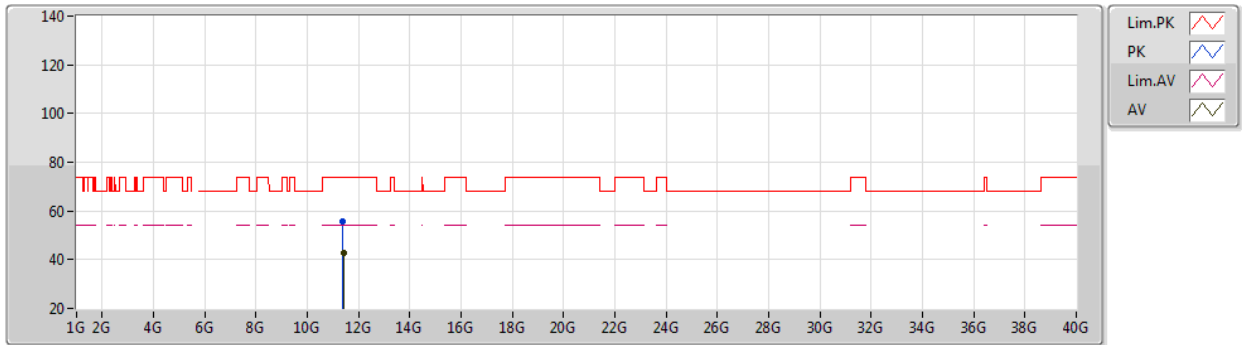
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Setting 19.5
06-D-5-5-10

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	5.6976G	102.91	Inf	-Inf	97.75	3	Horizontal	317	1.80	-	31.69	5.25	31.78
AV	5.7026G	93.08	Inf	-Inf	87.89	3	Horizontal	317	1.80	-	31.71	5.25	31.77
PK	5.727G	62.68	68.20	-5.52	57.37	3	Horizontal	317	1.80	-	31.81	5.26	31.76

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5700MHz_TX



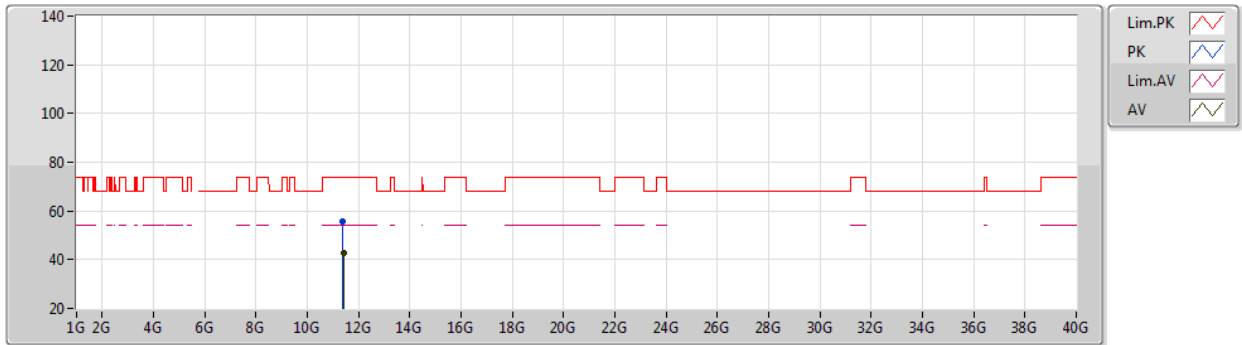
EUT Y_2TX
Setting 19.5
06-D-S-5

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	11.40096G	55.71	74.00	-18.29	41.85	3	Vertical	89	1.63	-	39.80	8.26	34.20
AV	11.40292G	42.69	54.00	-11.31	28.82	3	Vertical	89	1.63	-	39.81	8.26	34.20

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5700MHz_TX



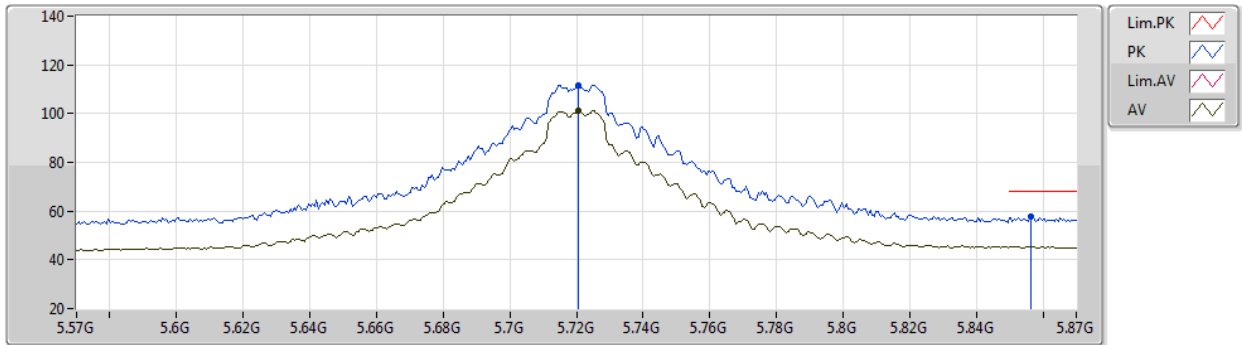
EUT Y_2TX
Setting 19.5
06-D-S-5

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	11.39172G	55.54	74.00	-18.46	41.70	3	Horizontal	112	2.64	-	39.78	8.26	34.20
AV	11.40196G	42.71	54.00	-11.29	28.85	3	Horizontal	112	2.64	-	39.80	8.26	34.20

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5720MHz Straddle 5.47-5.725GHz_TX



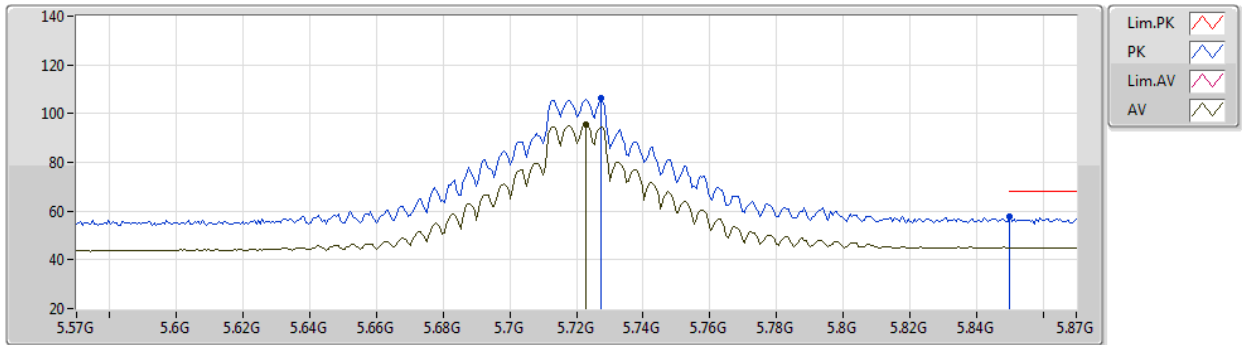
EUT Y_2TX
Setting 23
06-D-5-5-10

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	5.7206G	111.56	Inf	-Inf	106.28	3	Vertical	231	2.49	-	31.78	5.26	31.76
AV	5.7206G	101.19	Inf	-Inf	95.91	3	Vertical	231	2.49	-	31.78	5.26	31.76
PK	5.8562G	57.55	68.20	-10.65	51.68	3	Vertical	231	2.49	-	32.21	5.36	31.70

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5720MHz Straddle 5.47-5.725GHz_TX



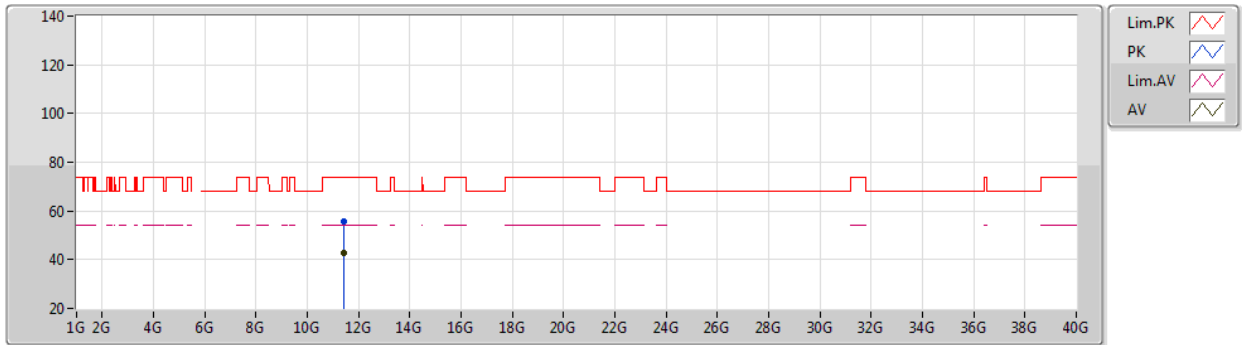
EUT Y_2TX
Setting 23
06-D-S-5-10

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	5.7272G	106.44	Inf	-Inf	101.13	3	Horizontal	108	1.80	-	31.81	5.26	31.76
AV	5.723G	95.65	Inf	-Inf	90.36	3	Horizontal	108	1.80	-	31.79	5.26	31.76
PK	5.85G	57.64	68.20	-10.56	51.79	3	Horizontal	108	1.80	-	32.20	5.35	31.70

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

11/11/2020



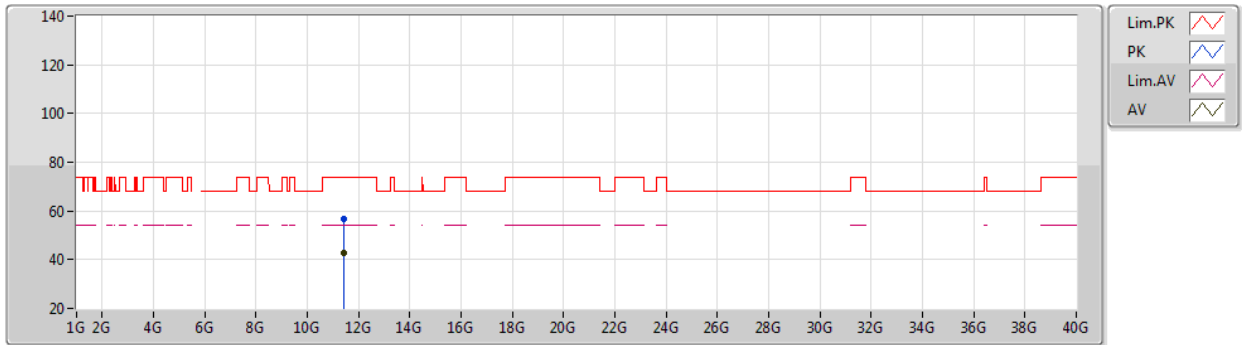
EUT Y_2TX
Setting 23
06-D-S-5

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	11.43048G	55.66	74.00	-18.34	41.73	3	Vertical	30	1.72	-	39.86	8.27	34.20
AV	11.4458G	42.68	54.00	-11.32	28.71	3	Vertical	30	1.72	-	39.89	8.28	34.20

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5720MHz Straddle 5.47-5.725GHz_TX



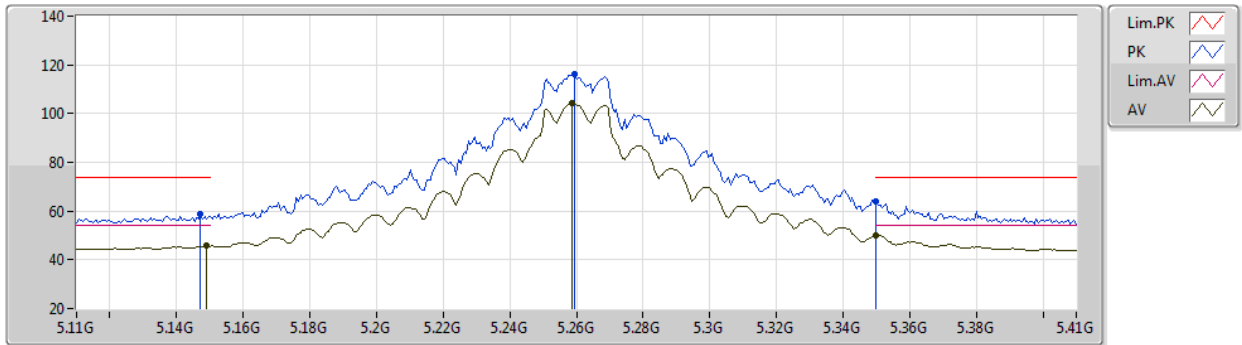
EUT Y_2TX
Setting 23
06-D-S-5

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	11.43308G	56.50	74.00	-17.50	42.56	3	Horizontal	128	2.19	-	39.87	8.27	34.20
AV	11.44632G	42.59	54.00	-11.41	28.62	3	Horizontal	128	2.19	-	39.89	8.28	34.20

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5260MHz_TX



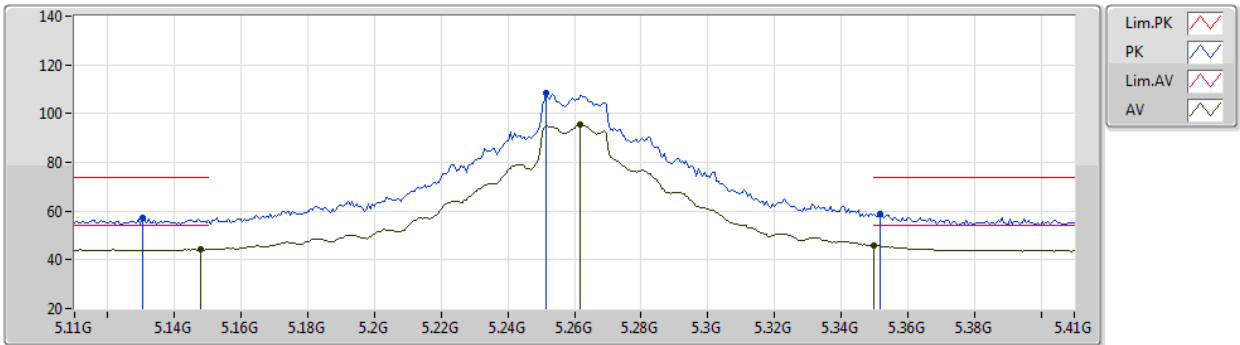
EUT Y_2TX
Setting 23
06-D-5-5-10

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	58.54	74.00	-15.46	53.37	3	Vertical	253	2.27	-	31.80	5.00	31.63
AV	5.149G	45.80	54.00	-8.20	40.63	3	Vertical	253	2.27	-	31.80	5.00	31.63
PK	5.2594G	116.40	Inf	-Inf	111.83	3	Vertical	253	2.27	-	31.28	5.00	31.71
AV	5.2588G	104.38	Inf	-Inf	99.81	3	Vertical	253	2.27	-	31.28	5.00	31.71
PK	5.35G	63.72	74.00	-10.28	59.29	3	Vertical	253	2.27	-	31.20	5.00	31.77
AV	5.35G	50.11	54.00	-3.89	45.68	3	Vertical	253	2.27	-	31.20	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5260MHz_TX



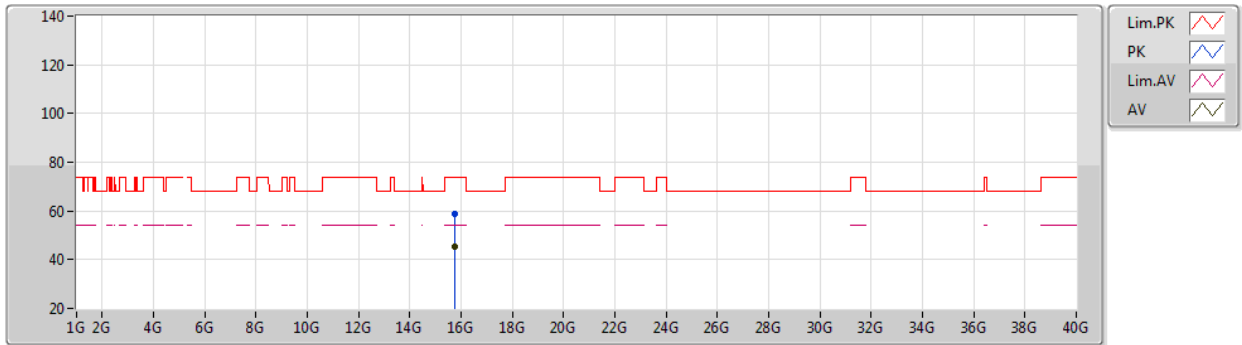
EUT Y_2TX
Setting 23
06-D-S-5-10

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	5.1304G	57.05	74.00	-16.95	51.87	3	Horizontal	101	1.80	-	31.80	5.00	31.62
AV	5.1478G	44.24	54.00	-9.76	39.07	3	Horizontal	101	1.80	-	31.80	5.00	31.63
PK	5.2516G	108.54	Inf	-Inf	103.94	3	Horizontal	101	1.80	-	31.30	5.00	31.70
AV	5.2618G	95.30	Inf	-Inf	90.73	3	Horizontal	101	1.80	-	31.28	5.00	31.71
PK	5.3518G	59.03	74.00	-14.97	54.59	3	Horizontal	101	1.80	-	31.21	5.00	31.77
AV	5.35G	45.98	54.00	-8.02	41.55	3	Horizontal	101	1.80	-	31.20	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5260MHz_TX



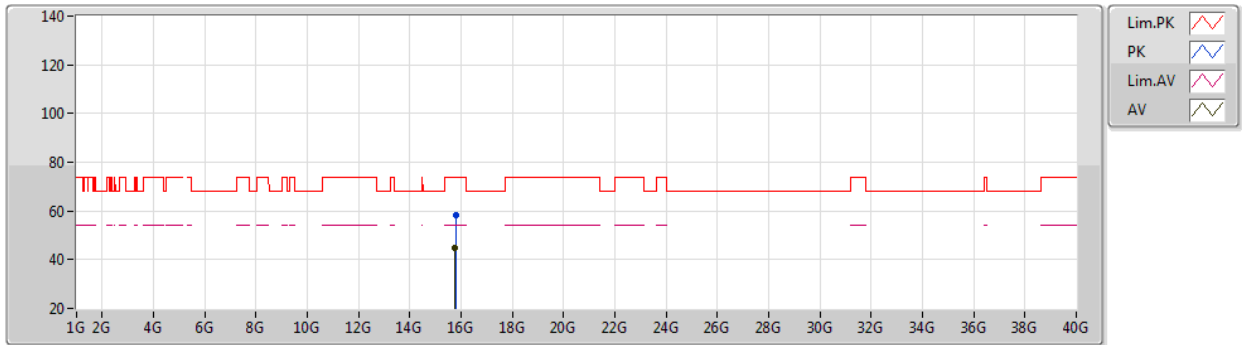
EUT Y_2TX
Setting 23
06-D-S-5

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	15.7778G	58.57	74.00	-15.43	43.66	3	Vertical	273	2.38	-	38.51	10.49	34.09
AV	15.77092G	45.34	54.00	-8.66	30.39	3	Vertical	273	2.38	-	38.55	10.49	34.09

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5260MHz_TX



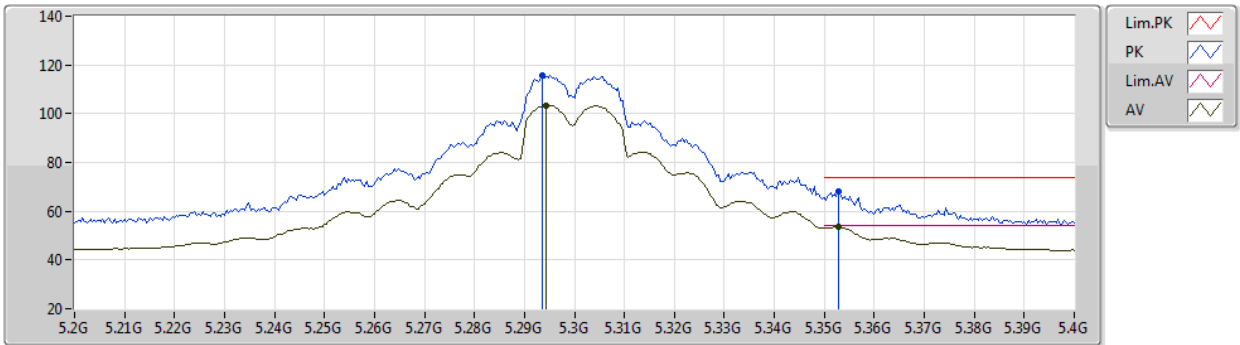
EUT Y_2TX
Setting 23
06-D-S-5

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	15.7862G	58.17	74.00	-15.83	43.31	3	Horizontal	184	2.62	-	38.47	10.49	34.10
AV	15.7764G	45.03	54.00	-8.97	30.11	3	Horizontal	184	2.62	-	38.52	10.49	34.09

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5300MHz_TX



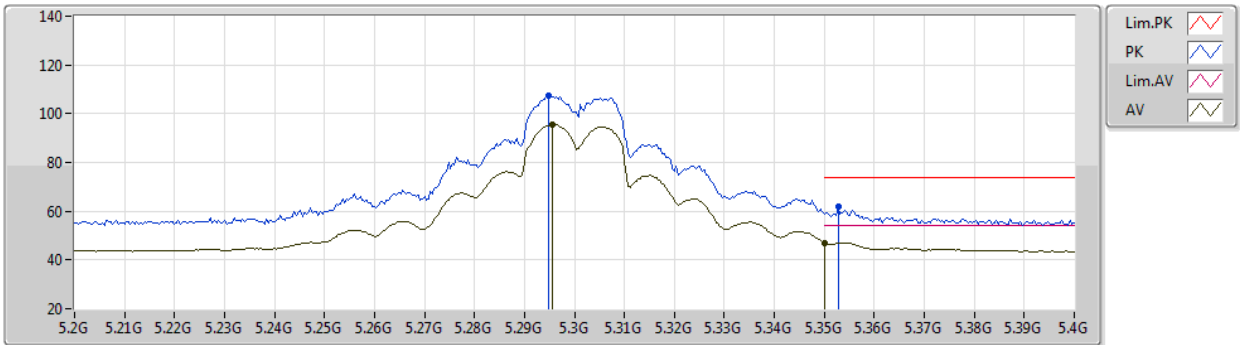
EUT Y_2TX
Setting 22
06-D-S-5-10

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	5.2936G	115.52	Inf	-Inf	111.04	3	Vertical	251	2.15	-	31.21	5.00	31.73
AV	5.2944G	103.52	Inf	-Inf	99.04	3	Vertical	251	2.15	-	31.21	5.00	31.73
PK	5.3528G	68.01	74.00	-5.99	63.56	3	Vertical	251	2.15	-	31.22	5.00	31.77
AV	5.3528G	53.55	54.00	-0.45	49.10	3	Vertical	251	2.15	-	31.22	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5300MHz_TX



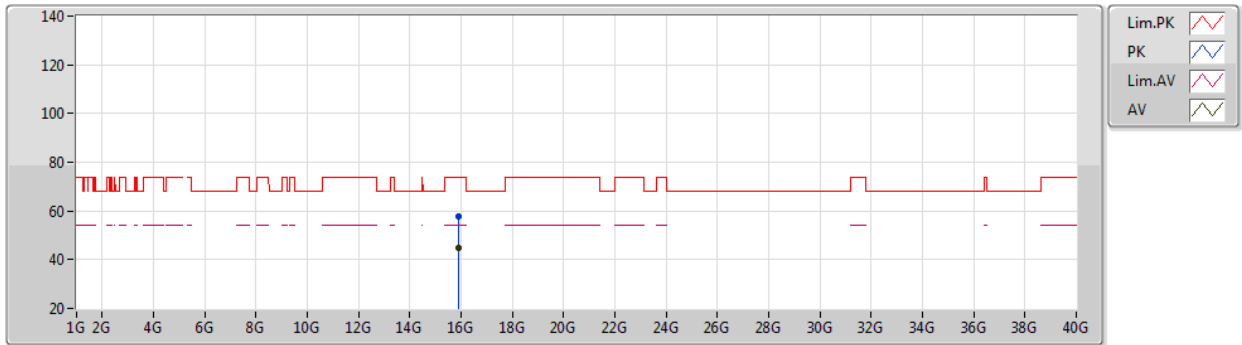
EUT Y_2TX
Setting 22
06-D-S-5-10

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	5.2948G	107.56	Inf	-Inf	103.08	3	Horizontal	117	1.90	-	31.21	5.00	31.73
AV	5.2956G	95.40	Inf	-Inf	90.92	3	Horizontal	117	1.90	-	31.21	5.00	31.73
PK	5.3528G	61.94	74.00	-12.06	57.49	3	Horizontal	117	1.90	-	31.22	5.00	31.77
AV	5.35G	47.12	54.00	-6.88	42.69	3	Horizontal	117	1.90	-	31.20	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5300MHz_TX



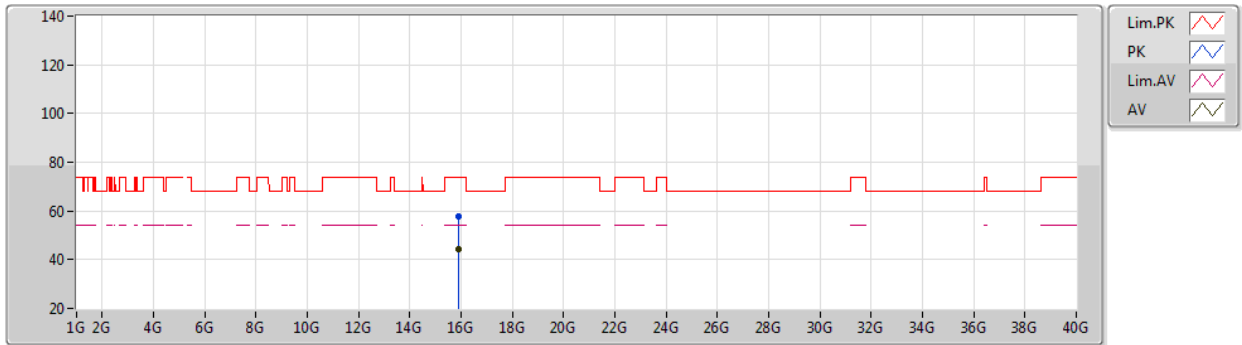
EUT Y_2TX
Setting 22
06-D-S-5

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	15.90032G	57.72	74.00	-16.28	43.15	3	Vertical	74	2.43	-	38.20	10.55	34.18
AV	15.89332G	44.72	54.00	-9.28	30.13	3	Vertical	74	2.43	-	38.21	10.55	34.17

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5300MHz_TX



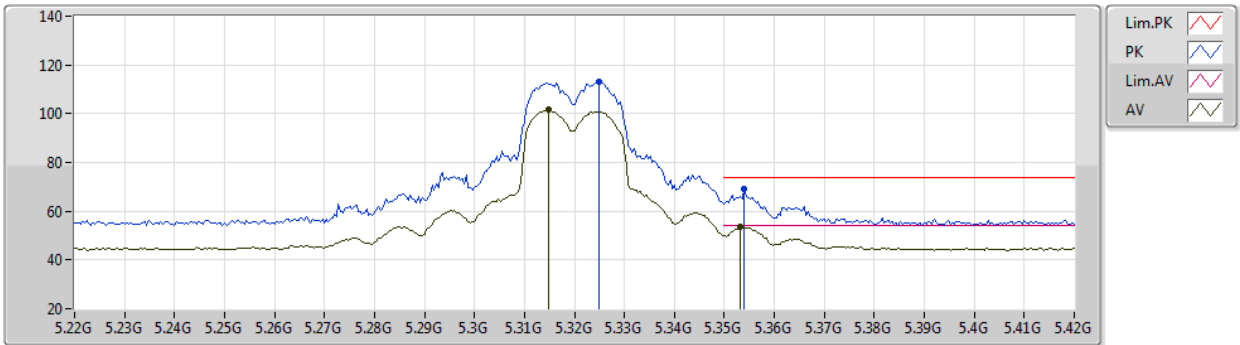
EUT Y_2TX
Setting 22
06-D-S-5

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	15.89736G	57.99	74.00	-16.01	43.41	3	Horizontal	78	1.97	-	38.21	10.55	34.18
AV	15.89028G	44.56	54.00	-9.44	29.96	3	Horizontal	78	1.97	-	38.22	10.55	34.17

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5320MHz_TX



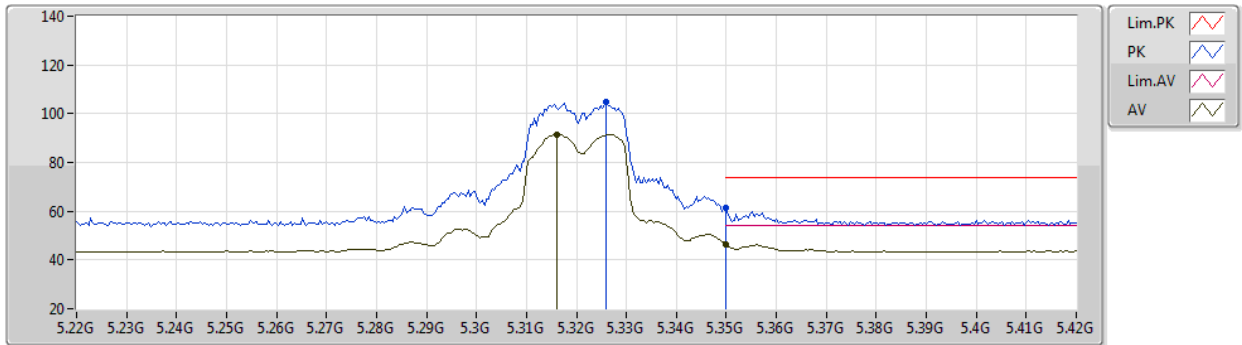
EUT Y_2TX
Setting 20
06-D-S-5-10

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	5.3248G	113.19	Inf	-Inf	108.74	3	Vertical	251	2.33	-	31.20	5.00	31.75
AV	5.3148G	101.52	Inf	-Inf	97.06	3	Vertical	251	2.33	-	31.20	5.00	31.74
PK	5.354G	69.13	74.00	-4.87	64.68	3	Vertical	251	2.33	-	31.22	5.00	31.77
AV	5.3532G	53.59	54.00	-0.41	49.14	3	Vertical	251	2.33	-	31.22	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5320MHz_TX



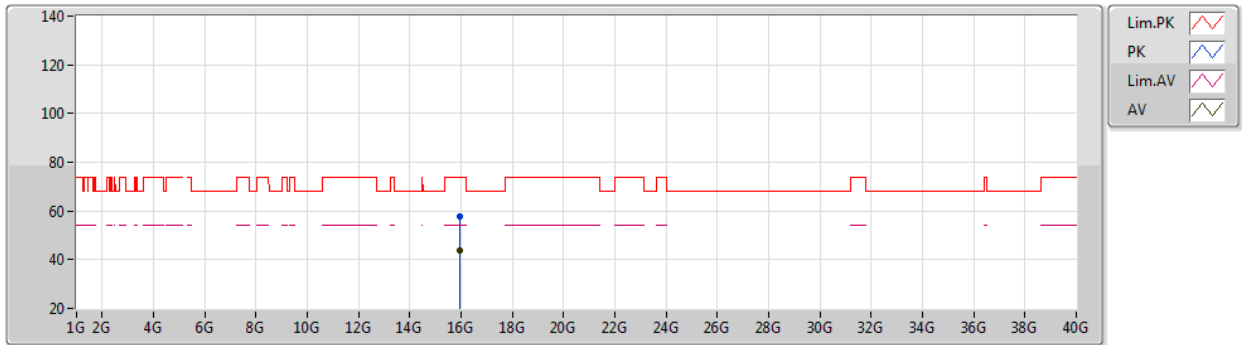
EUT Y_2TX
Setting 20
06-D-5-5-10

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	5.326G	105.00	Inf	-Inf	100.55	3	Horizontal	118	1.97	-	31.20	5.00	31.75
AV	5.316G	91.37	Inf	-Inf	86.91	3	Horizontal	118	1.97	-	31.20	5.00	31.74
PK	5.35G	61.39	74.00	-12.61	56.96	3	Horizontal	118	1.97	-	31.20	5.00	31.77
AV	5.35G	46.21	54.00	-7.79	41.78	3	Horizontal	118	1.97	-	31.20	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5320MHz_TX



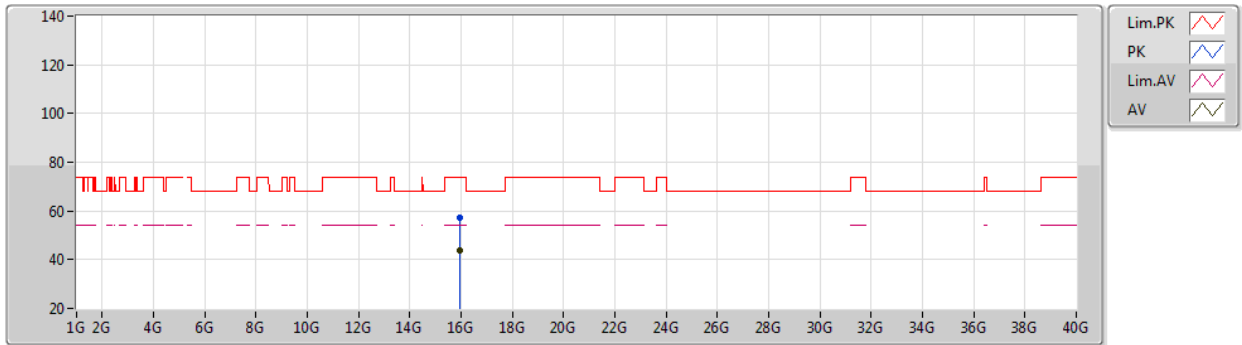
EUT Y_2TX
Setting 20
06-D-S-5

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	15.9606G	57.70	74.00	-16.30	43.14	3	Vertical	19	1.45	-	38.20	10.58	34.22
AV	15.95328G	44.02	54.00	-9.98	29.46	3	Vertical	19	1.45	-	38.20	10.58	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5320MHz_TX



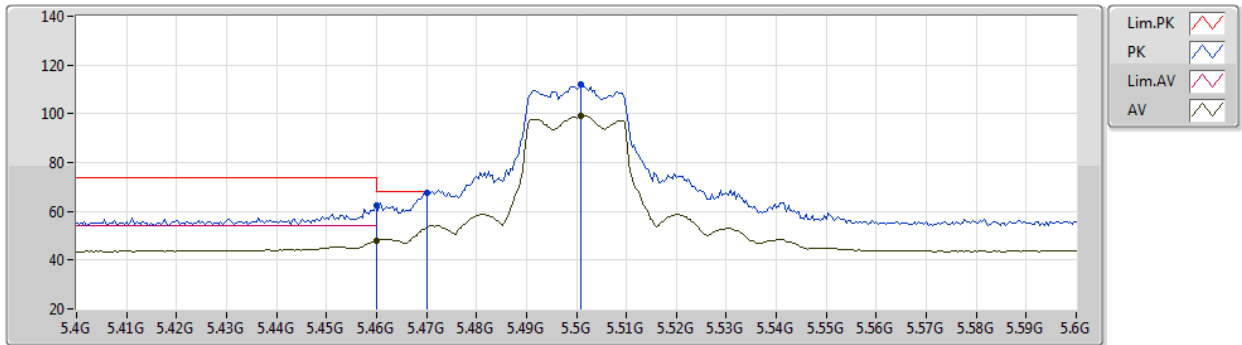
EUT Y_2TX
Setting 20
06-D-S-5

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	15.9664G	57.39	74.00	-16.61	42.84	3	Horizontal	199	2.25	-	38.20	10.58	34.23
AV	15.95384G	43.86	54.00	-10.14	29.30	3	Horizontal	199	2.25	-	38.20	10.58	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5500MHz_TX



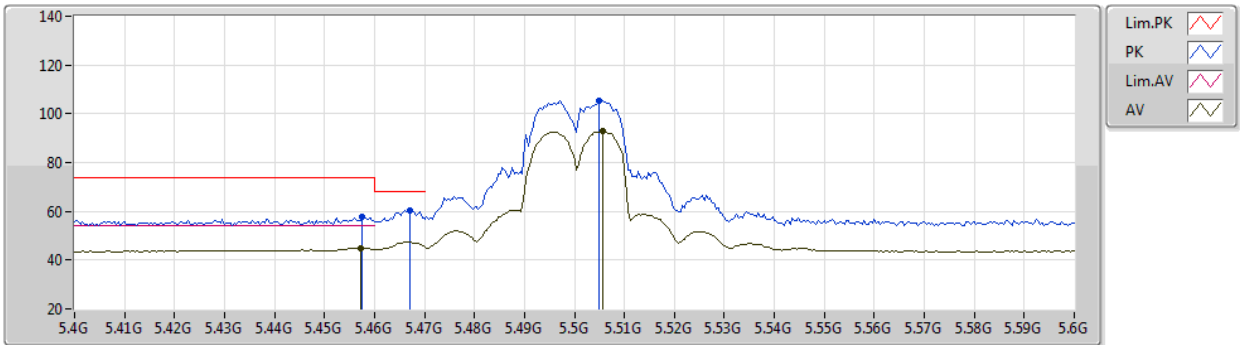
EUT Y_2TX
Setting 20.5
06-D-S-5-10

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	5.46G	62.30	74.00	-11.70	57.46	3	Vertical	233	2.44	-	31.62	5.06	31.84
AV	5.46G	47.98	54.00	-6.02	43.14	3	Vertical	233	2.44	-	31.62	5.06	31.84
PK	5.47G	67.81	68.20	-0.39	62.95	3	Vertical	233	2.44	-	31.64	5.07	31.85
PK	5.5008G	112.29	Inf	-Inf	107.36	3	Vertical	233	2.44	-	31.70	5.10	31.87
AV	5.5008G	99.11	Inf	-Inf	94.18	3	Vertical	233	2.44	-	31.70	5.10	31.87

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5500MHz_TX



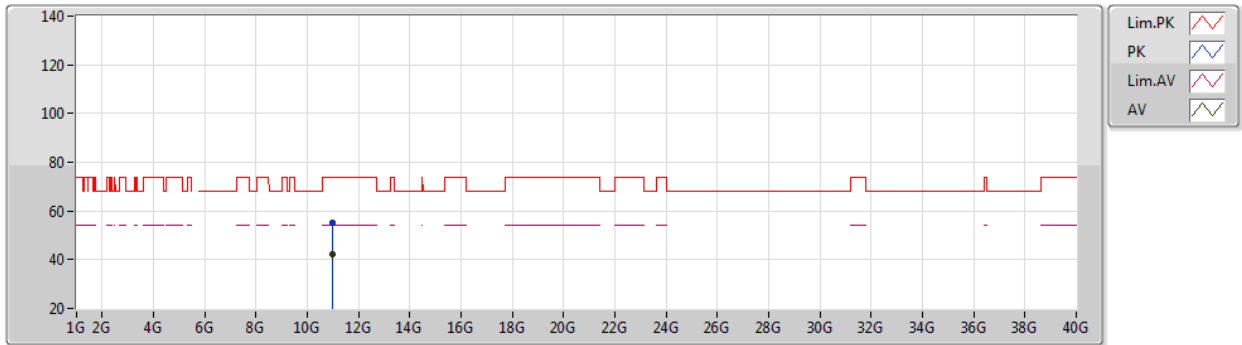
EUT Y_2TX
Setting 20.5
06-D-S-5-10

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	5.4576G	57.56	74.00	-16.44	52.72	3	Horizontal	320	1.67	-	31.62	5.06	31.84
AV	5.4572G	45.06	54.00	-8.94	40.23	3	Horizontal	320	1.67	-	31.61	5.06	31.84
PK	5.4672G	60.41	68.20	-7.79	55.56	3	Horizontal	320	1.67	-	31.63	5.07	31.85
PK	5.5048G	105.55	Inf	-Inf	100.64	3	Horizontal	320	1.67	-	31.68	5.10	31.87
AV	5.5056G	92.94	Inf	-Inf	88.02	3	Horizontal	320	1.67	-	31.68	5.11	31.87

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5500MHz_TX



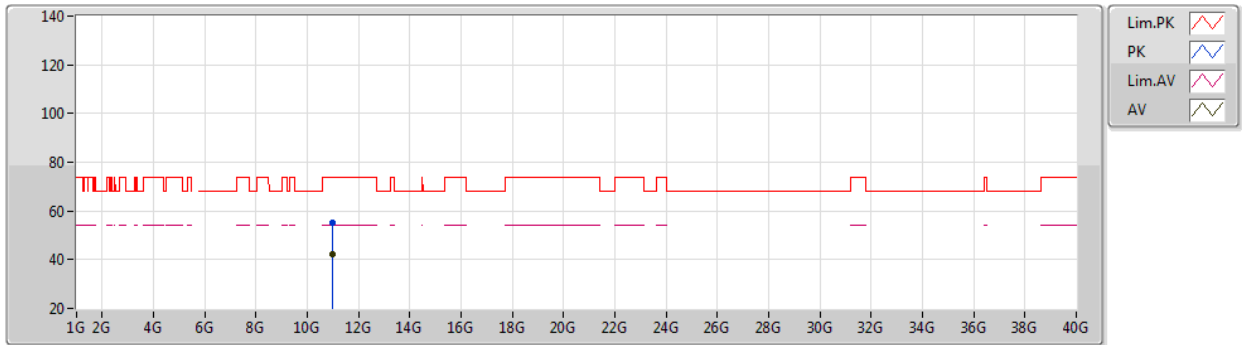
EUT Y_2TX
Setting 20.5
06-D-S-5

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	11.00328G	55.16	74.00	-18.84	41.03	3	Vertical	214	1.15	-	40.19	8.10	34.16
AV	10.99392G	42.16	54.00	-11.84	28.01	3	Vertical	214	1.15	-	40.21	8.10	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5500MHz_TX



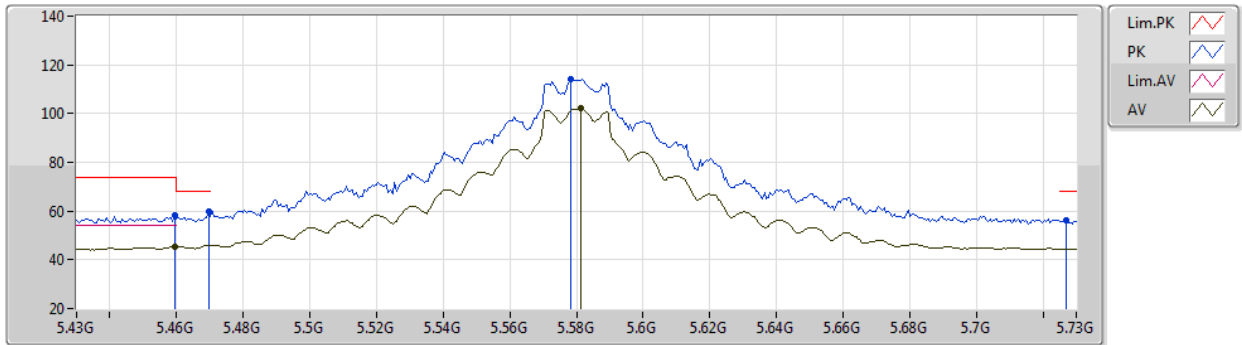
EUT Y_2TX
Setting 20.5
06-D-S-5

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	11.00492G	55.17	74.00	-18.83	41.05	3	Horizontal	4	1.03	-	40.18	8.10	34.16
AV	11.00432G	42.14	54.00	-11.86	28.02	3	Horizontal	4	1.03	-	40.18	8.10	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5580MHz_TX



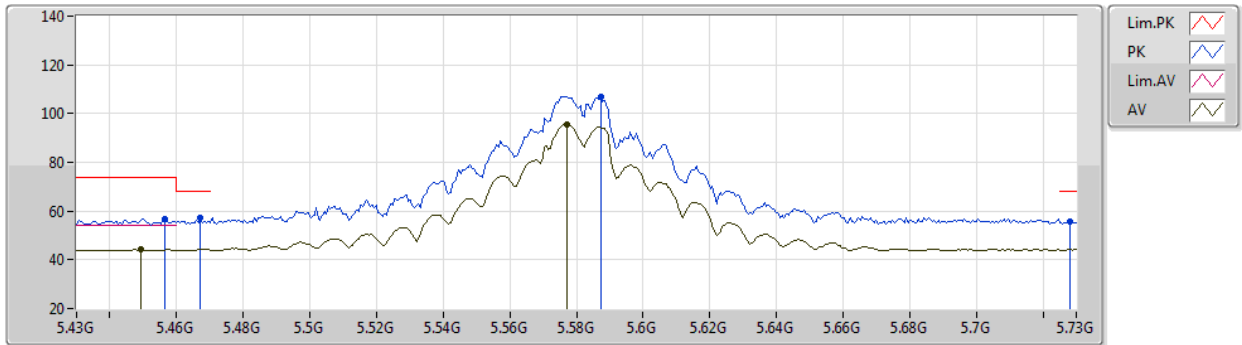
EUT Y_2TX
Setting 23
06-D-S-5-10

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	5.4594G	58.51	74.00	-15.49	53.67	3	Vertical	235	2.49	-	31.62	5.06	31.84
AV	5.4594G	45.23	54.00	-8.77	40.39	3	Vertical	235	2.49	-	31.62	5.06	31.84
PK	5.4696G	59.96	68.20	-8.24	55.10	3	Vertical	235	2.49	-	31.64	5.07	31.85
PK	5.5782G	113.97	Inf	-Inf	109.12	3	Vertical	235	2.49	-	31.50	5.18	31.83
AV	5.5812G	102.36	Inf	-Inf	97.51	3	Vertical	235	2.49	-	31.50	5.18	31.83
PK	5.727G	56.30	68.20	-11.90	50.99	3	Vertical	235	2.49	-	31.81	5.26	31.76

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5580MHz_TX



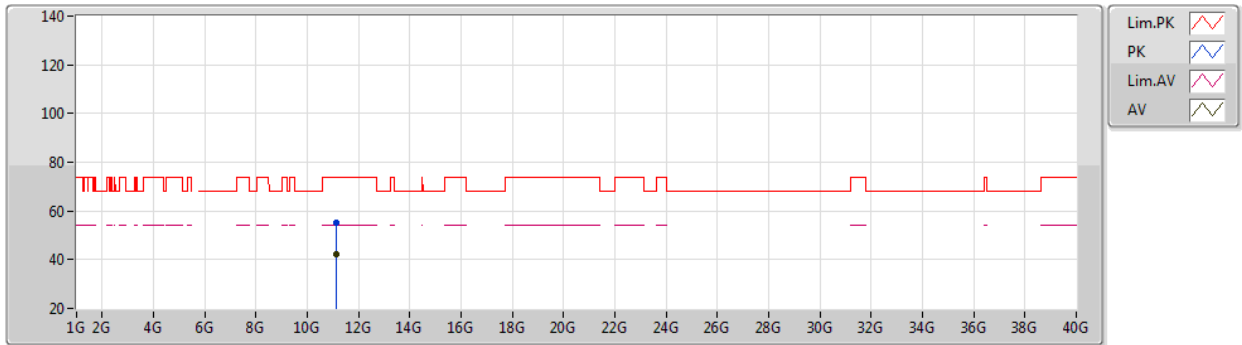
EUT Y_2TX
Setting 23
06-D-5-5-10

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	5.4564G	56.71	74.00	-17.29	51.88	3	Horizontal	93	1.88	-	31.61	5.06	31.84
AV	5.4492G	44.16	54.00	-9.84	39.35	3	Horizontal	93	1.88	-	31.60	5.05	31.84
PK	5.4672G	57.19	68.20	-11.01	52.34	3	Horizontal	93	1.88	-	31.63	5.07	31.85
PK	5.5872G	107.01	Inf	-Inf	102.15	3	Horizontal	93	1.88	-	31.50	5.19	31.83
AV	5.577G	95.40	Inf	-Inf	90.55	3	Horizontal	93	1.88	-	31.50	5.18	31.83
PK	5.7282G	55.84	68.20	-12.36	50.53	3	Horizontal	93	1.88	-	31.81	5.26	31.76

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5580MHz_TX



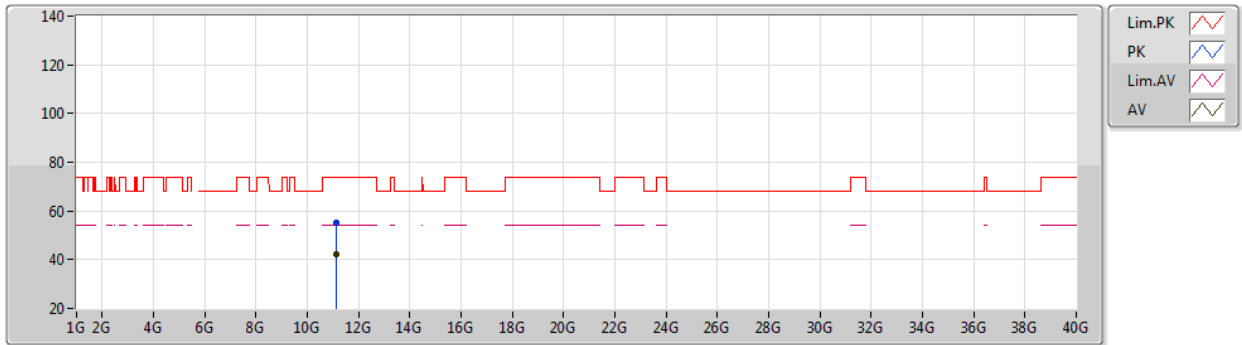
EUT Y_2TX
Setting 23
06-D-S-5

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	11.15332G	55.28	74.00	-18.72	41.61	3	Vertical	77	1.57	-	39.69	8.16	34.18
AV	11.15008G	42.08	54.00	-11.92	28.40	3	Vertical	77	1.57	-	39.70	8.16	34.18

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5580MHz_TX



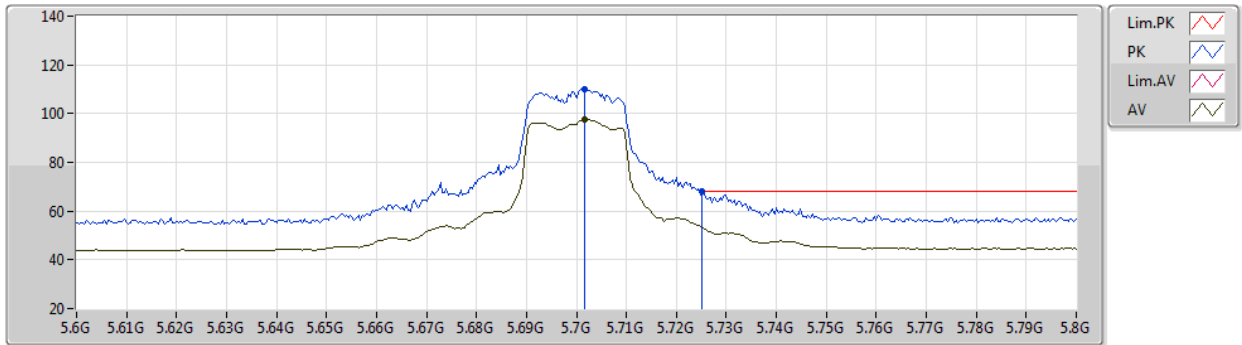
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Setting 23
06-D-S-5

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	11.15376G	55.33	74.00	-18.67	41.66	3	Horizontal	95	1.56	-	39.69	8.16	34.18
AV	11.15376G	42.06	54.00	-11.94	28.39	3	Horizontal	95	1.56	-	39.69	8.16	34.18

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5700MHz_TX



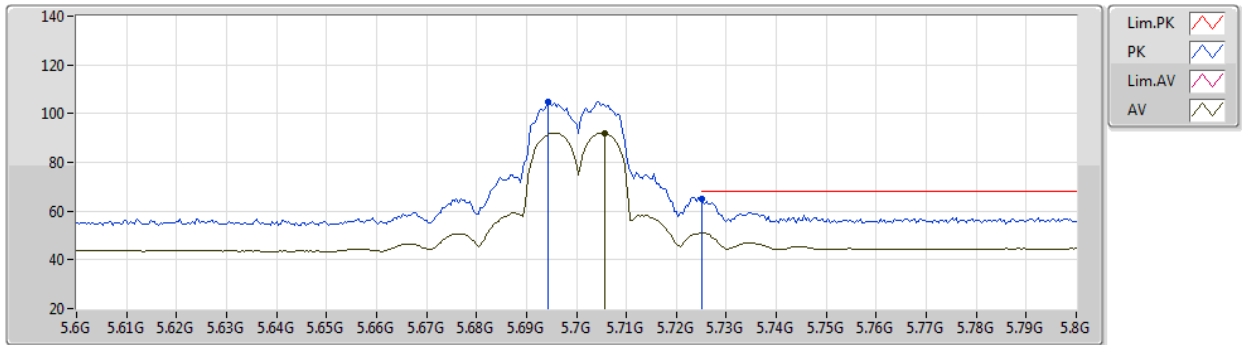
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Setting 20
06-D-S-5-10

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	5.7016G	110.18	Inf	-Inf	104.99	3	Vertical	234	2.32	-	31.71	5.25	31.77
AV	5.7016G	97.59	Inf	-Inf	92.40	3	Vertical	234	2.32	-	31.71	5.25	31.77
PK	5.7252G	67.91	68.20	-0.29	62.61	3	Vertical	234	2.32	-	31.80	5.26	31.76

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5700MHz_TX



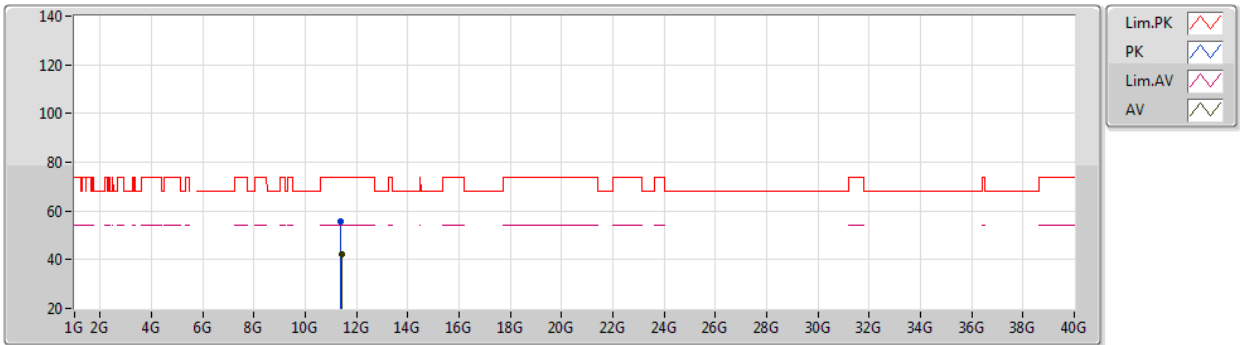
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Setting 20
06-D-S-5-10

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	5.6944G	104.93	Inf	-Inf	99.78	3	Horizontal	316	1.80	-	31.68	5.25	31.78
AV	5.7056G	91.95	Inf	-Inf	86.75	3	Horizontal	316	1.80	-	31.72	5.25	31.77
PK	5.7252G	65.15	68.20	-3.05	59.85	3	Horizontal	316	1.80	-	31.80	5.26	31.76

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5700MHz_TX



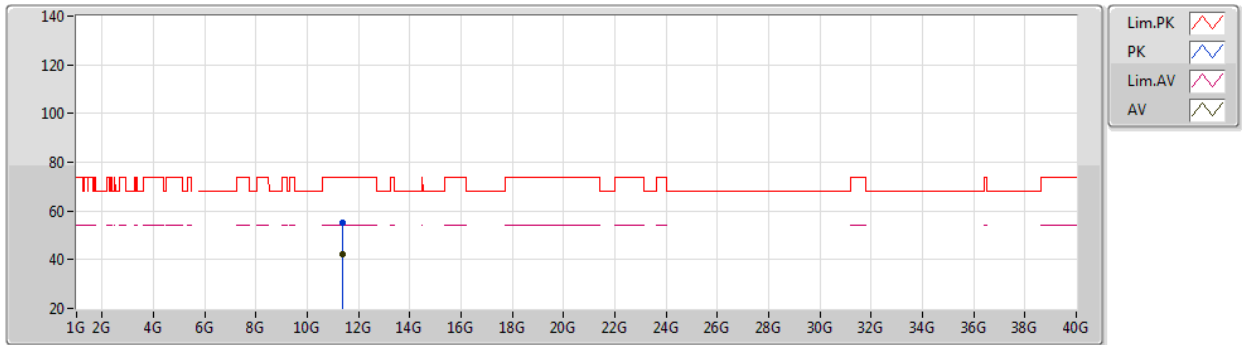
EUT Y_2TX
Setting 20
06-D-S-5

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	11.39236G	55.54	74.00	-18.46	41.70	3	Vertical	272	2.00	-	39.78	8.26	34.20
AV	11.40336G	42.18	54.00	-11.82	28.31	3	Vertical	272	2.00	-	39.81	8.26	34.20

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5700MHz_TX



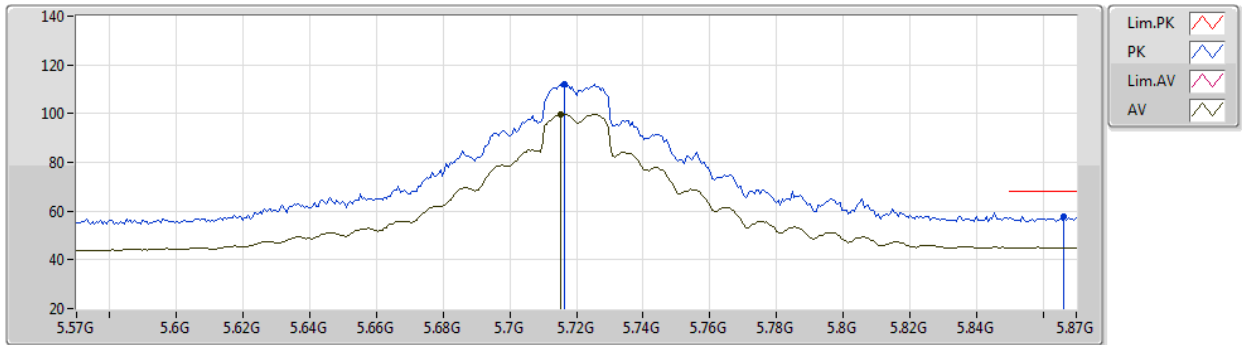
EUT Y_2TX
Setting 20
06-D-S-5

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	11.40152G	55.41	74.00	-18.59	41.55	3	Horizontal	190	1.34	-	39.80	8.26	34.20
AV	11.39384G	42.23	54.00	-11.77	28.38	3	Horizontal	190	1.34	-	39.79	8.26	34.20

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5720MHz Straddle 5.47-5.725GHz_TX



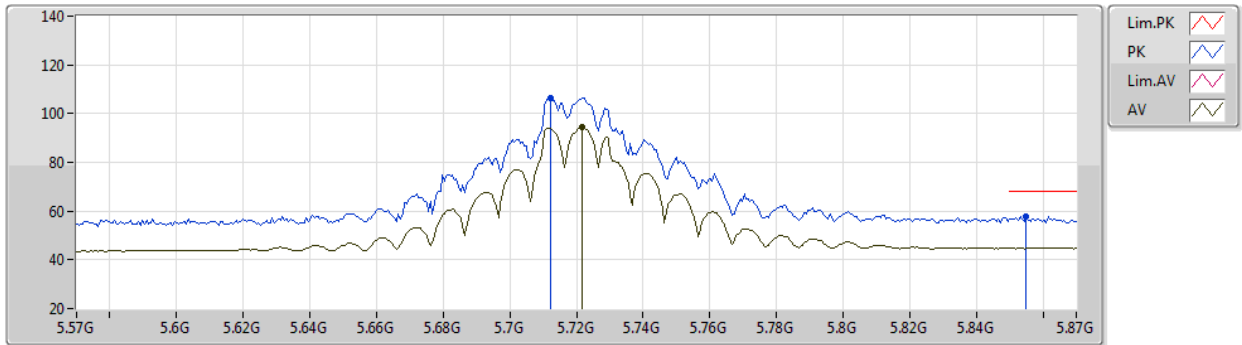
EUT Y_2TX
Setting 23
06-D-5-5-10

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	5.7164G	112.27	Inf	-Inf	107.01	3	Vertical	229	2.50	-	31.77	5.26	31.77
AV	5.7152G	99.83	Inf	-Inf	94.58	3	Vertical	229	2.50	-	31.76	5.26	31.77
PK	5.8664G	57.66	68.20	-10.54	51.75	3	Vertical	229	2.50	-	32.23	5.37	31.69

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5720MHz Straddle 5.47-5.725GHz_TX

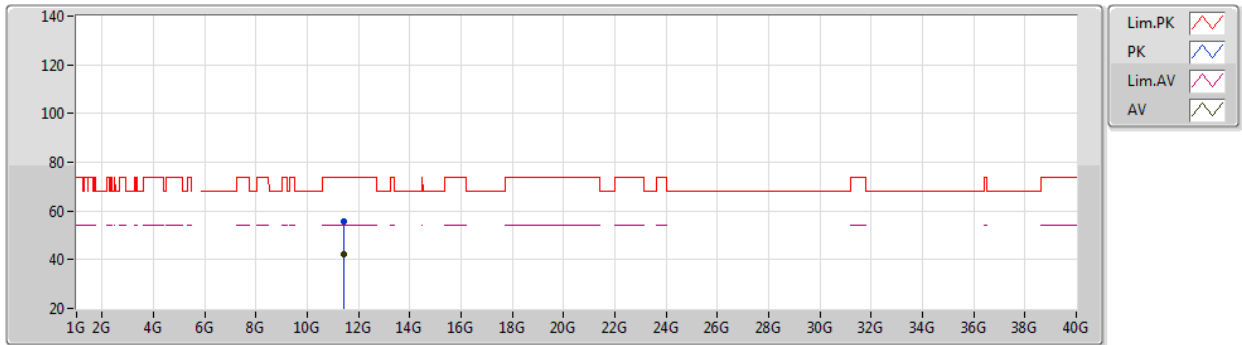


EUT Y_2TX
Setting 23
06-D-5-5-10

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	5.7122G	106.61	Inf	-Inf	101.37	3	Horizontal	112	1.80	-	31.75	5.26	31.77
AV	5.7218G	94.44	Inf	-Inf	89.15	3	Horizontal	112	1.80	-	31.79	5.26	31.76
PK	5.855G	57.78	68.20	-10.42	51.92	3	Horizontal	112	1.80	-	32.21	5.35	31.70

802.11ax HEW20_Nss1,(MCS0)_2TX
5720MHz Straddle 5.47-5.725GHz_TX

11/11/2020

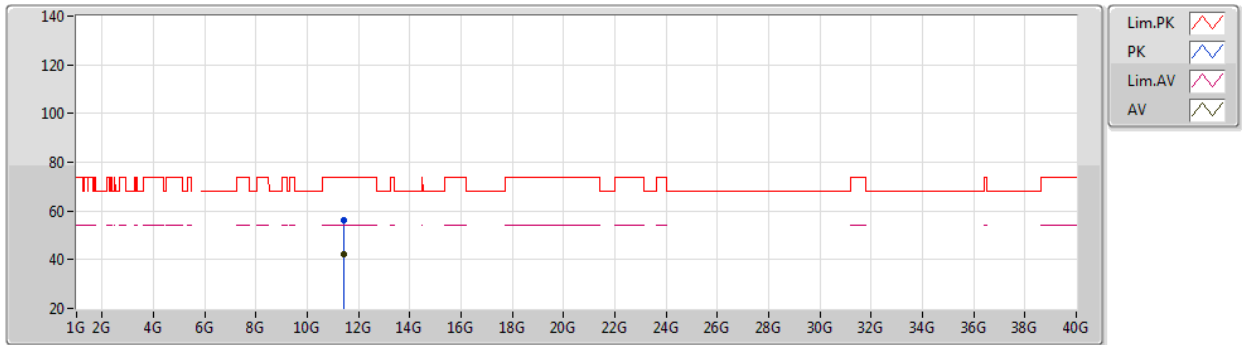


EUT Y_2TX
Setting 23
06-D-S-5

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	11.44228G	55.68	74.00	-18.32	41.72	3	Vertical	236	1.41	-	39.88	8.28	34.20
AV	11.44896G	42.23	54.00	-11.77	28.25	3	Vertical	236	1.41	-	39.90	8.28	34.20

802.11ax HEW20_Nss1,(MCS0)_2TX
5720MHz Straddle 5.47-5.725GHz_TX

11/11/2020



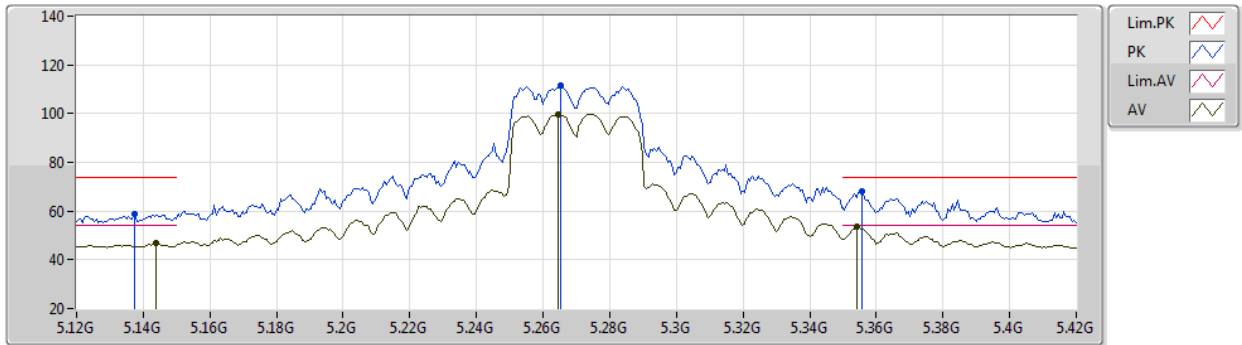
EUT Y_2TX
Setting 23
06-D-S-5

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	11.44516G	56.40	74.00	-17.60	42.43	3	Horizontal	25	1.43	-	39.89	8.28	34.20
AV	11.44944G	42.24	54.00	-11.76	28.26	3	Horizontal	25	1.43	-	39.90	8.28	34.20

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5270MHz_TX



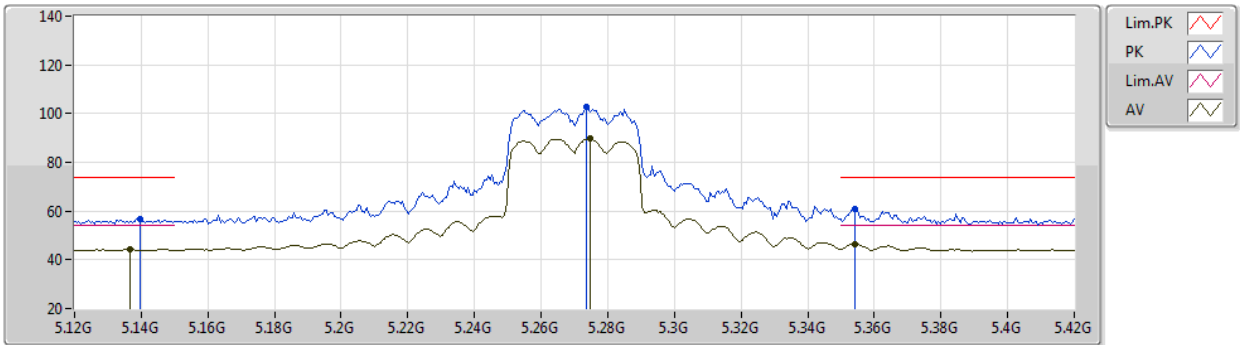
EUT Y_2TX
Setting 20
06-D-S-5-10

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	5.1374G	58.55	74.00	-15.45	53.37	3	Vertical	250	2.27	-	31.80	5.00	31.62
AV	5.144G	46.66	54.00	-7.34	41.49	3	Vertical	250	2.27	-	31.80	5.00	31.63
PK	5.2652G	111.41	Inf	-Inf	106.85	3	Vertical	250	2.27	-	31.27	5.00	31.71
AV	5.2646G	99.89	Inf	-Inf	95.33	3	Vertical	250	2.27	-	31.27	5.00	31.71
PK	5.3558G	67.88	74.00	-6.12	63.42	3	Vertical	250	2.27	-	31.23	5.00	31.77
AV	5.354G	53.51	54.00	-0.49	49.06	3	Vertical	250	2.27	-	31.22	5.00	31.77

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5270MHz_TX



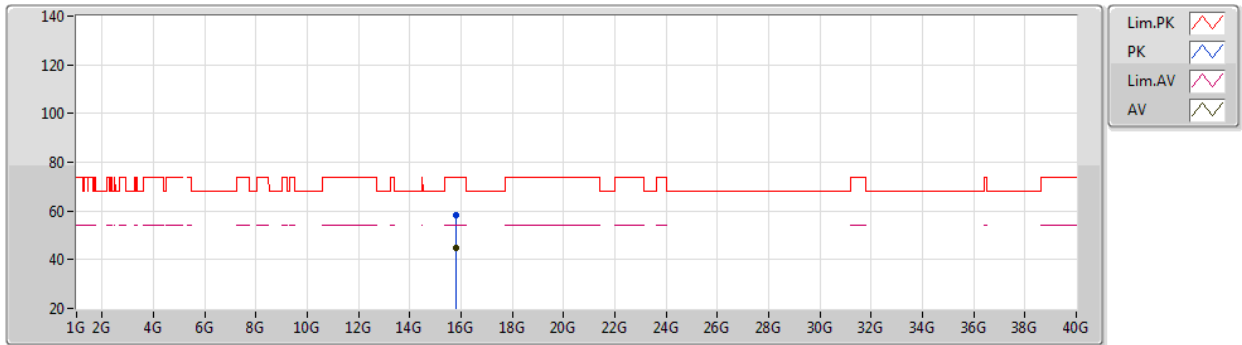
EUT Y_2TX
Setting 20
06-D-S-5-10

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	5.1398G	56.74	74.00	-17.26	51.57	3	Horizontal	97	1.93	-	31.80	5.00	31.63
AV	5.1368G	44.22	54.00	-9.78	39.04	3	Horizontal	97	1.93	-	31.80	5.00	31.62
PK	5.2736G	102.56	Inf	-Inf	98.03	3	Horizontal	97	1.93	-	31.25	5.00	31.72
AV	5.2748G	89.57	Inf	-Inf	85.04	3	Horizontal	97	1.93	-	31.25	5.00	31.72
PK	5.354G	60.66	74.00	-13.34	56.21	3	Horizontal	97	1.93	-	31.22	5.00	31.77
AV	5.354G	46.41	54.00	-7.59	41.96	3	Horizontal	97	1.93	-	31.22	5.00	31.77

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5270MHz_TX



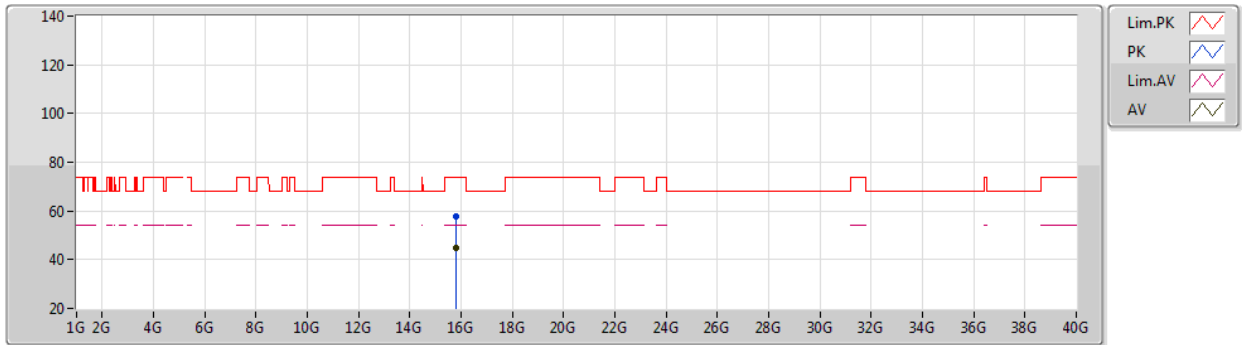
EUT Y_2TX
Setting 20
06-D-S-5

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	15.81076G	58.02	74.00	-15.98	43.24	3	Vertical	89	1.75	-	38.38	10.51	34.11
AV	15.81932G	44.77	54.00	-9.23	30.02	3	Vertical	89	1.75	-	38.36	10.51	34.12

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5270MHz_TX



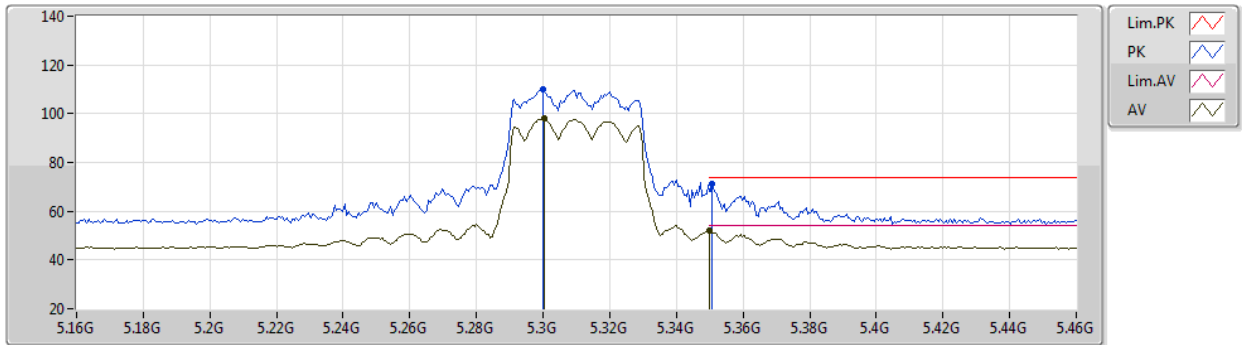
EUT Y_2TX
Setting 20
06-D-S-5

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	15.81624G	57.62	74.00	-16.38	42.86	3	Horizontal	123	1.50	-	38.37	10.51	34.12
AV	15.81392G	44.66	54.00	-9.34	29.90	3	Horizontal	123	1.50	-	38.37	10.51	34.12

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5310MHz_TX



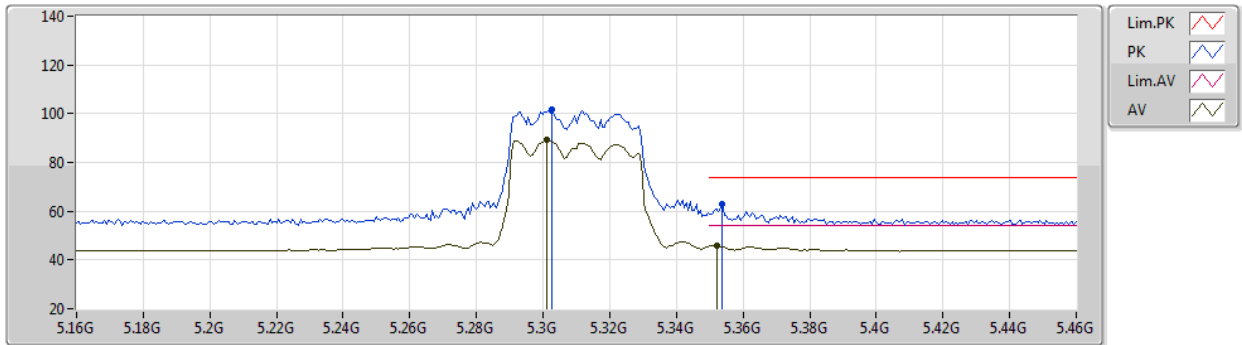
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Setting 18.5
06-D-S-5-10

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	5.2998G	110.20	Inf	-Inf	105.73	3	Vertical	251	2.37	-	31.20	5.00	31.73	
AV	5.3004G	97.85	Inf	-Inf	93.38	3	Vertical	251	2.37	-	31.20	5.00	31.73	
PK	5.3508G	71.46	74.00	-2.54	67.03	3	Vertical	251	2.37	-	31.20	5.00	31.77	
AV	5.35G	51.99	54.00	-2.01	47.56	3	Vertical	251	2.37	-	31.20	5.00	31.77	

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5310MHz_TX



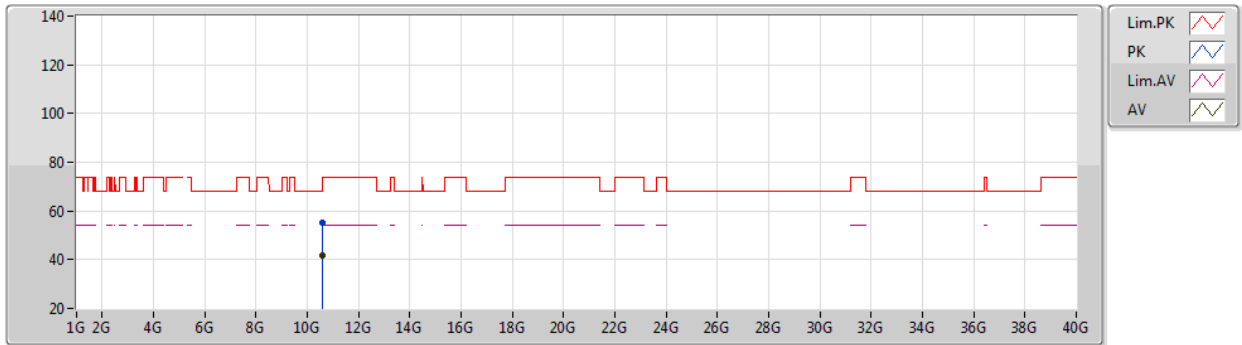
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Setting 18.5
06-D-S-5-10

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	5.3028G	101.49	Inf	-Inf	97.03	3	Horizontal	119	1.95	-	31.20	5.00	31.74
AV	5.301G	89.15	Inf	-Inf	84.68	3	Horizontal	119	1.95	-	31.20	5.00	31.73
PK	5.3538G	63.09	74.00	-10.91	58.64	3	Horizontal	119	1.95	-	31.22	5.00	31.77
AV	5.352G	46.07	54.00	-7.93	41.63	3	Horizontal	119	1.95	-	31.21	5.00	31.77

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5310MHz_TX



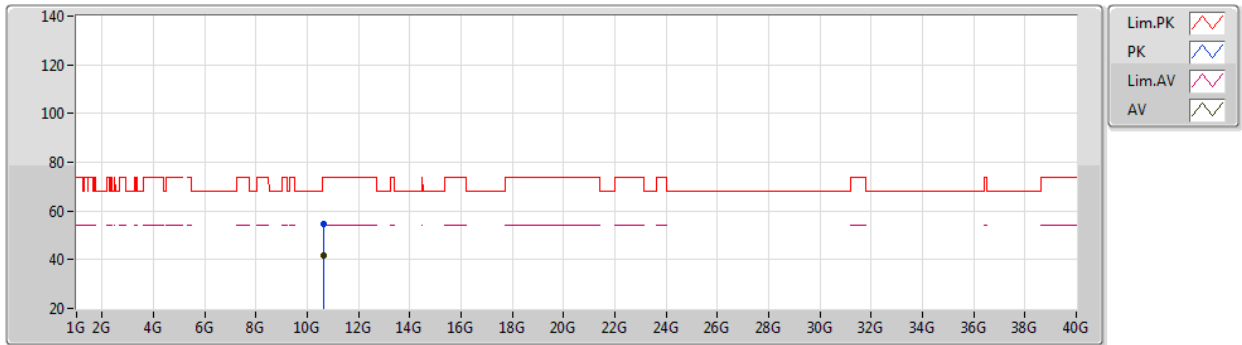
EUT Y_2TX
Setting 18.5
06-D-S-5

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	10.61292G	55.22	74.00	-18.78	41.45	3	Vertical	233	2.55	-	39.81	7.95	33.99
AV	10.61316G	41.58	54.00	-12.42	27.81	3	Vertical	233	2.55	-	39.81	7.95	33.99

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5310MHz_TX



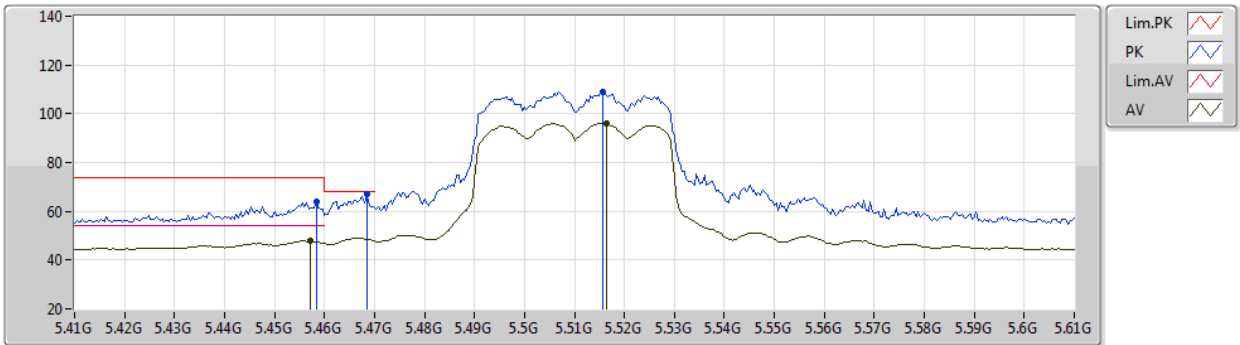
EUT Y_2TX
Setting 18.5
06-D-S-5

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	10.62996G	54.51	74.00	-19.49	40.73	3	Horizontal	315	1.56	-	39.83	7.95	34.00
AV	10.6234G	41.48	54.00	-12.52	27.70	3	Horizontal	315	1.56	-	39.82	7.95	33.99

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5510MHz_TX



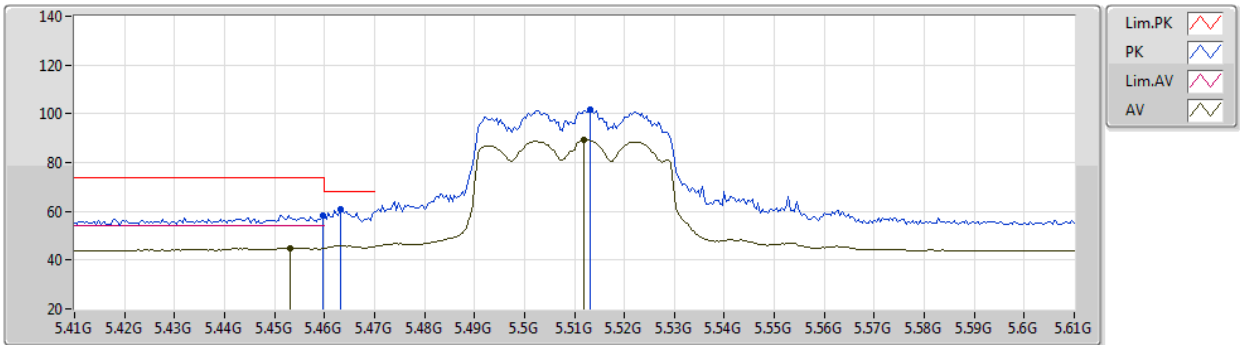
EUT Y_2TX
Setting 19
06-D-S-5-10

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	5.4584G	63.78	74.00	-10.22	58.94	3	Vertical	234	2.33	-	31.62	5.06	31.84	
AV	5.4572G	47.80	54.00	-6.20	42.97	3	Vertical	234	2.33	-	31.61	5.06	31.84	
PK	5.4684G	67.06	68.20	-1.14	62.20	3	Vertical	234	2.33	-	31.64	5.07	31.85	
PK	5.5156G	108.80	Inf	-Inf	103.90	3	Vertical	234	2.33	-	31.64	5.12	31.86	
AV	5.5164G	96.06	Inf	-Inf	91.17	3	Vertical	234	2.33	-	31.63	5.12	31.86	

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5510MHz_TX



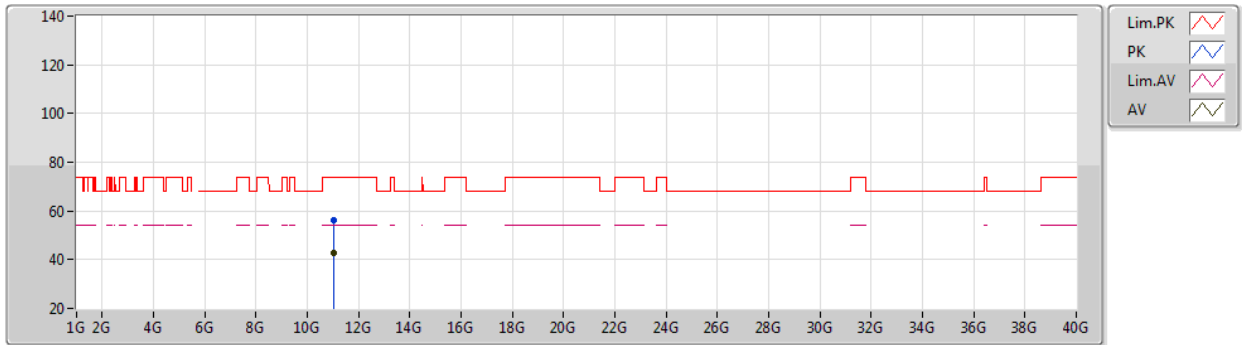
EUT Y_2TX
Setting 19
06-D-S-5-10

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	5.4596G	58.37	74.00	-15.63	53.53	3	Horizontal	96	1.80	-	31.62	5.06	31.84
AV	5.4532G	45.06	54.00	-8.94	40.24	3	Horizontal	96	1.80	-	31.61	5.05	31.84
PK	5.4632G	60.88	68.20	-7.32	56.03	3	Horizontal	96	1.80	-	31.63	5.06	31.84
PK	5.5132G	101.73	Inf	-Inf	96.83	3	Horizontal	96	1.80	-	31.65	5.11	31.86
AV	5.512G	89.16	Inf	-Inf	84.26	3	Horizontal	96	1.80	-	31.65	5.11	31.86

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5510MHz_TX



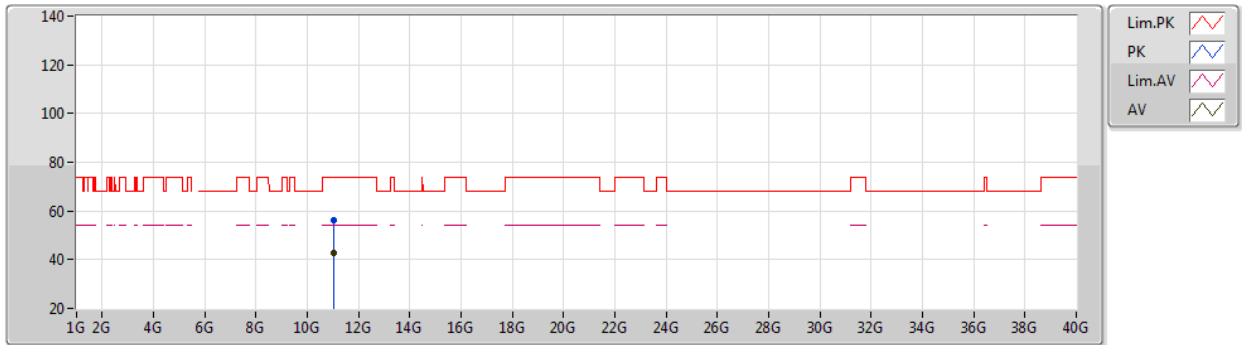
EUT Y_2TX
Setting 19
06-D-S-5

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	11.02468G	56.06	74.00	-17.94	42.01	3	Vertical	173	2.49	-	40.10	8.11	34.16
AV	11.0172G	42.57	54.00	-11.43	28.49	3	Vertical	173	2.49	-	40.13	8.11	34.16

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5510MHz_TX



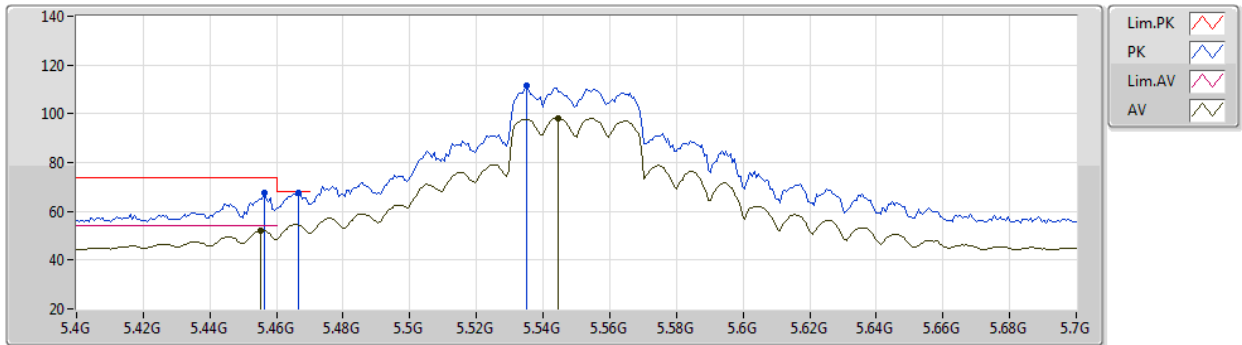
EUT Y_2TX
Setting 19
06-D-S-5

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	11.01248G	55.96	74.00	-18.04	41.87	3	Horizontal	106	2.33	-	40.15	8.10	34.16
AV	11.01188G	42.58	54.00	-11.42	28.49	3	Horizontal	106	2.33	-	40.15	8.10	34.16

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5550MHz_TX



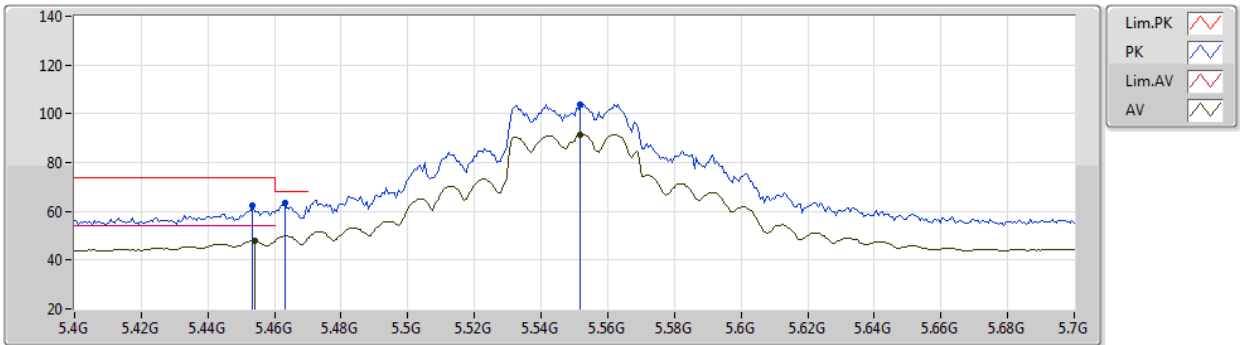
EUT Y_2TX
Setting 21.5
06-D-S-5-10

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	5.4564G	67.79	74.00	-6.21	62.96	3	Vertical	238	2.57	-	31.61	5.06	31.84
AV	5.4552G	52.17	54.00	-1.83	47.34	3	Vertical	238	2.57	-	31.61	5.06	31.84
PK	5.4666G	67.76	68.20	-0.44	62.91	3	Vertical	238	2.57	-	31.63	5.07	31.85
PK	5.535G	111.43	Inf	-Inf	106.58	3	Vertical	238	2.57	-	31.56	5.14	31.85
AV	5.5446G	98.31	Inf	-Inf	93.50	3	Vertical	238	2.57	-	31.52	5.14	31.85

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5550MHz_TX



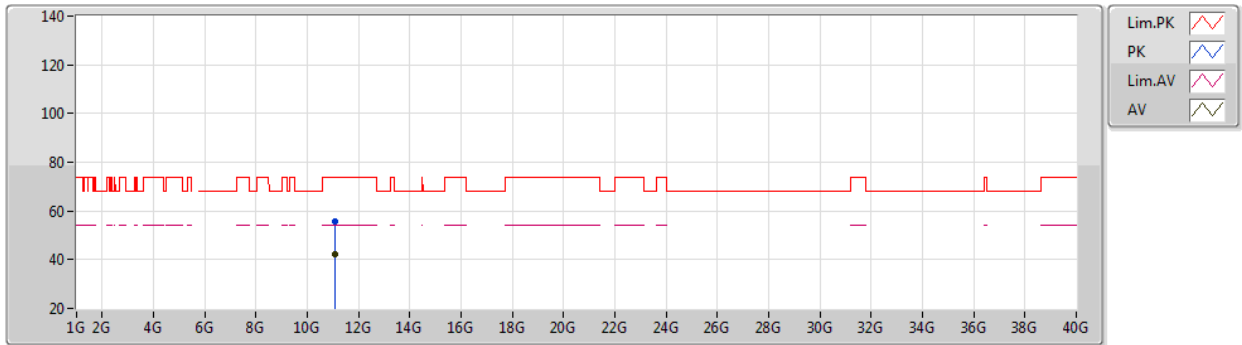
EUT Y_2TX
Setting 21.5
06-D-S-5-10

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	5.4534G	62.37	74.00	-11.63	57.55	3	Horizontal	95	1.80	-	31.61	5.05	31.84	
AV	5.454G	48.00	54.00	-6.00	43.18	3	Horizontal	95	1.80	-	31.61	5.05	31.84	
PK	5.463G	63.35	68.20	-4.85	58.50	3	Horizontal	95	1.80	-	31.63	5.06	31.84	
PK	5.5518G	103.85	Inf	-Inf	99.05	3	Horizontal	95	1.80	-	31.50	5.15	31.85	
AV	5.5518G	91.58	Inf	-Inf	86.78	3	Horizontal	95	1.80	-	31.50	5.15	31.85	

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5550MHz_TX



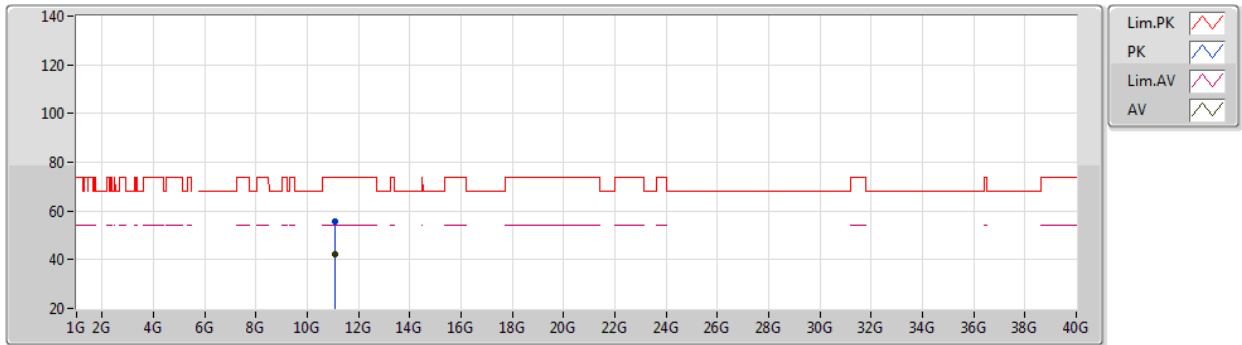
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Setting 21.5
06-D-S-5

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	11.0934G	55.80	74.00	-18.20	42.00	3	Vertical	223	2.85	-	39.83	8.14	34.17
AV	11.0988G	42.19	54.00	-11.81	28.42	3	Vertical	223	2.85	-	39.80	8.14	34.17

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5550MHz_TX



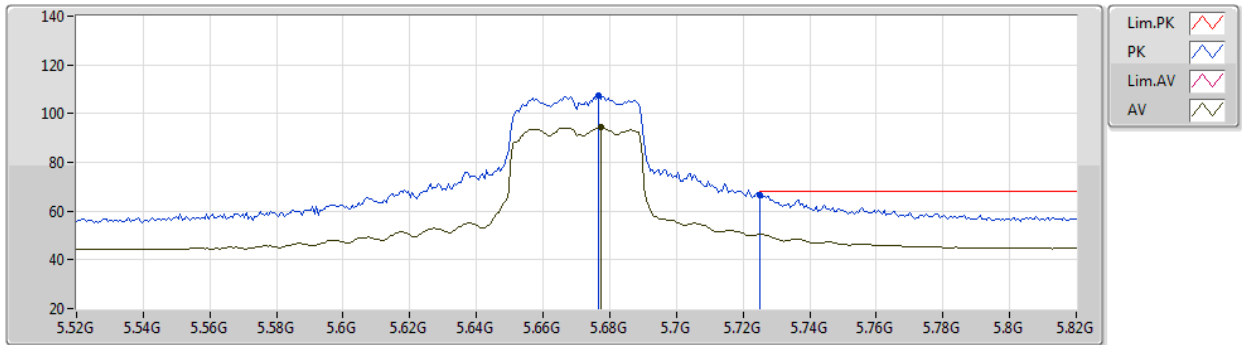
EUT Y_2TX
Setting 21.5
06-D-S-5

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	11.09388G	55.53	74.00	-18.47	41.74	3	Horizontal	154	2.50	-	39.82	8.14	34.17
AV	11.09004G	42.18	54.00	-11.82	28.37	3	Horizontal	154	2.50	-	39.84	8.14	34.17

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5670MHz_TX



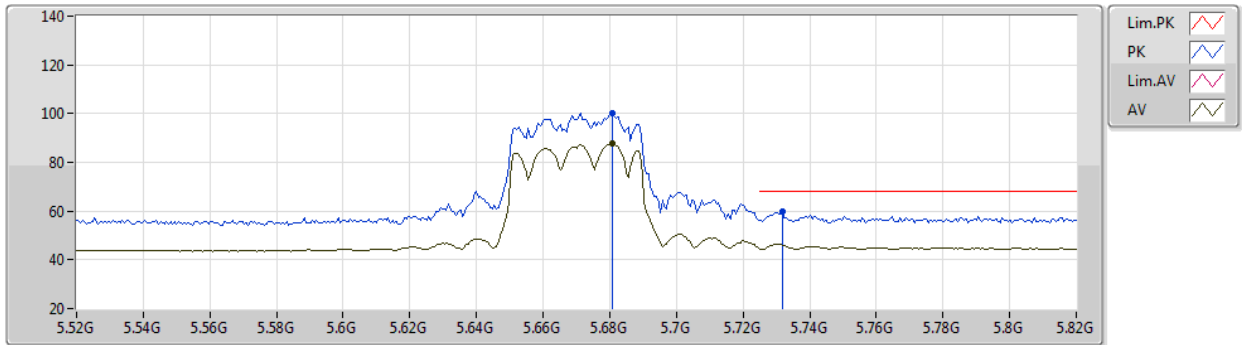
EUT Y_2TX
Setting 19
06-D-S-5-10

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	5.6766G	107.30	Inf	-Inf	102.24	3	Vertical	233	2.34	-	31.61	5.24	31.79
AV	5.6772G	94.28	Inf	-Inf	89.21	3	Vertical	233	2.34	-	31.61	5.24	31.78
PK	5.7252G	66.66	68.20	-1.54	61.36	3	Vertical	233	2.34	-	31.80	5.26	31.76

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5670MHz_TX



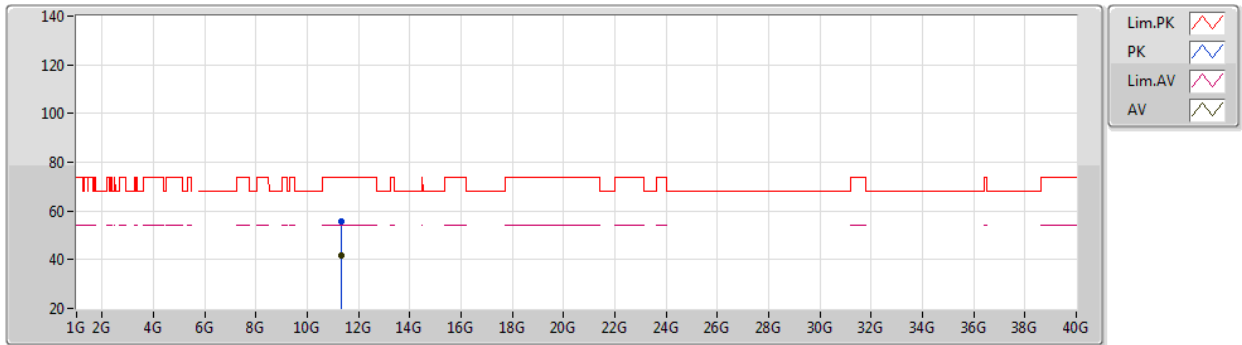
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Setting 19
06-D-S-5-10

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	5.6808G	100.30	Inf	-Inf	95.22	3	Horizontal	109	1.80	-	31.62	5.24	31.78
AV	5.6808G	87.71	Inf	-Inf	82.63	3	Horizontal	109	1.80	-	31.62	5.24	31.78
PK	5.7318G	59.68	68.20	-8.52	54.34	3	Horizontal	109	1.80	-	31.83	5.27	31.76

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5670MHz_TX



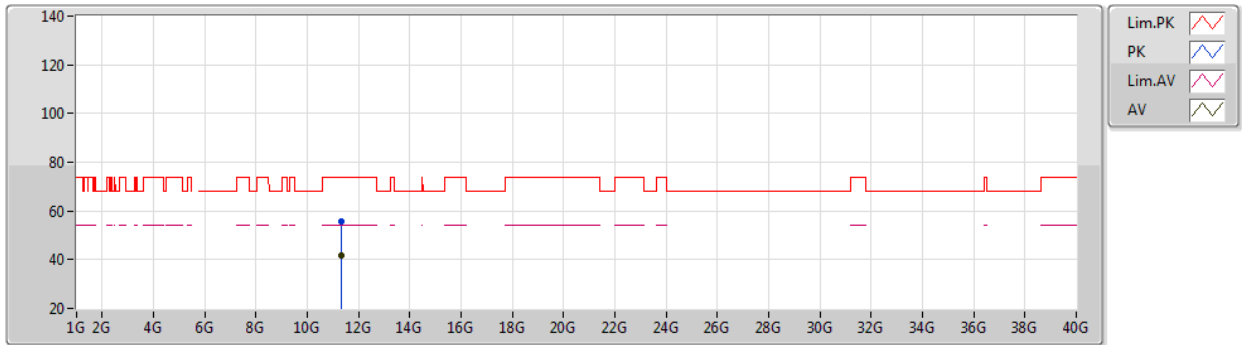
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Setting 19
06-D-S-5

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	11.34096G	55.63	74.00	-18.37	41.90	3	Vertical	306	2.05	-	39.68	8.24	34.19
AV	11.3376G	41.92	54.00	-12.08	28.19	3	Vertical	306	2.05	-	39.68	8.24	34.19

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5670MHz_TX



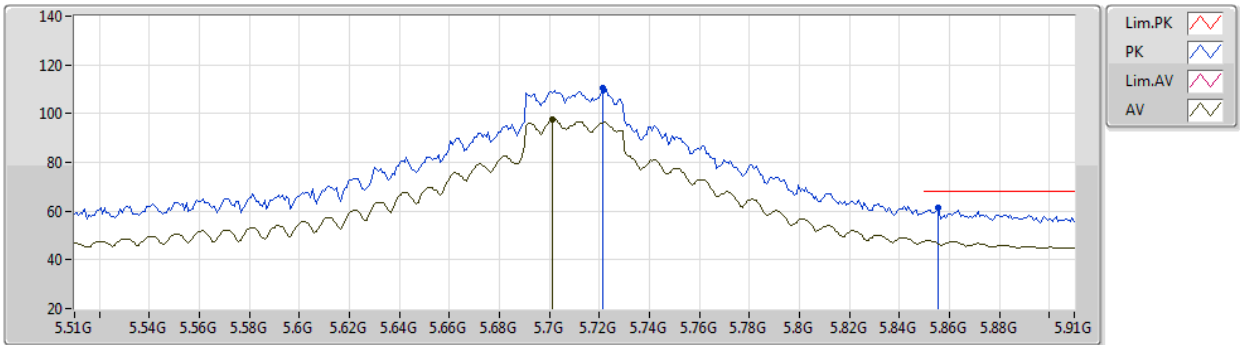
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Setting 19
06-D-S-5

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	11.34332G	55.53	74.00	-18.47	41.79	3	Horizontal	166	2.72	-	39.69	8.24	34.19
AV	11.33212G	41.90	54.00	-12.10	28.20	3	Horizontal	166	2.72	-	39.66	8.23	34.19

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5710MHz Straddle 5.47-5.725GHz_TX



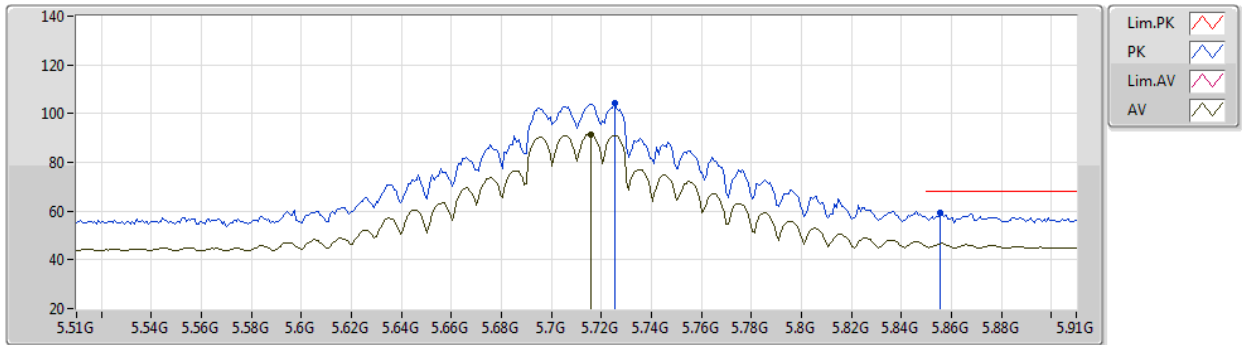
EUT Y_2TX
Setting 23
06-D-S-5-10

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	5.7212G	110.75	Inf	-Inf	105.47	3	Vertical	235	2.29	-	31.78	5.26	31.76
AV	5.7012G	97.39	Inf	-Inf	92.21	3	Vertical	235	2.29	-	31.70	5.25	31.77
PK	5.8556G	61.36	68.20	-6.84	55.49	3	Vertical	235	2.29	-	32.21	5.36	31.70

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5710MHz Straddle 5.47-5.725GHz_TX

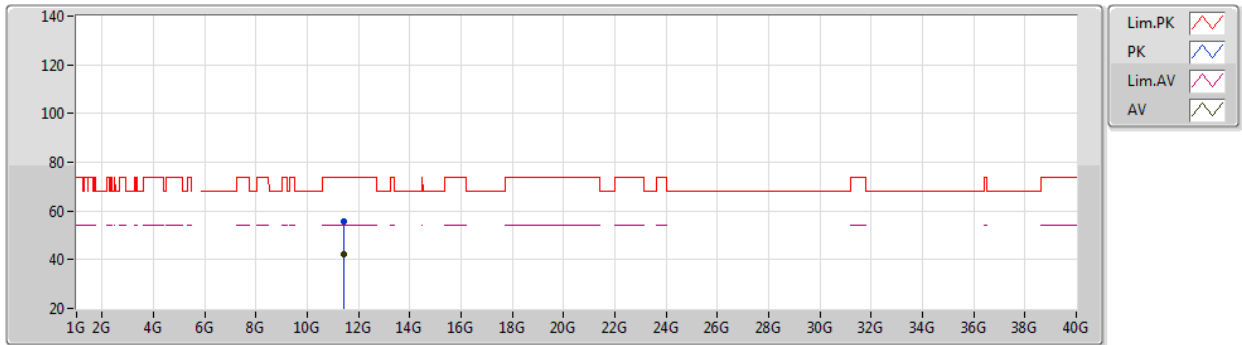


EUT Y_2TX
Setting 23
06-D-S-5-10

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	5.7252G	104.52	Inf	-Inf	99.22	3	Horizontal	108	1.80	-	31.80	5.26	31.76
AV	5.7156G	91.40	Inf	-Inf	86.15	3	Horizontal	108	1.80	-	31.76	5.26	31.77
PK	5.8556G	59.34	68.20	-8.86	53.47	3	Horizontal	108	1.80	-	32.21	5.36	31.70

802.11ax HEW40_Nss1,(MCS0)_2TX
5710MHz Straddle 5.47-5.725GHz_TX

11/11/2020



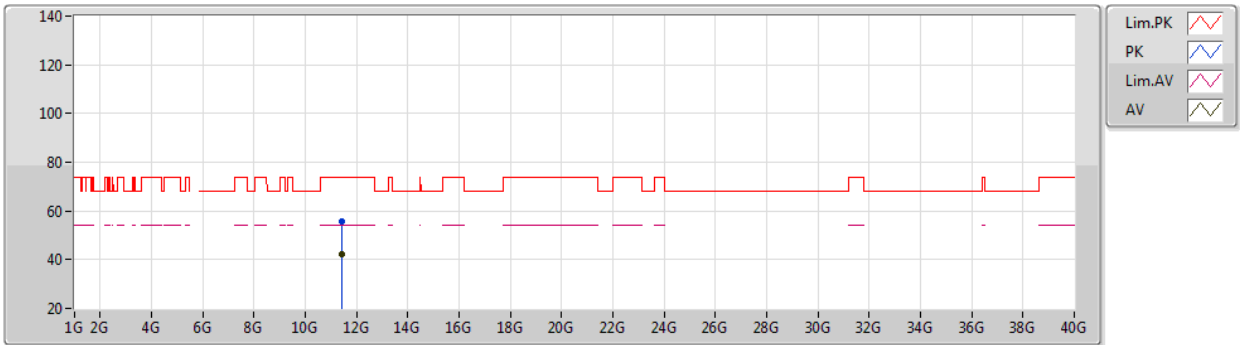
EUT Y_2TX
 Setting 23
 06-D-S-5

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	11.4128G	55.50	74.00	-18.50	41.60	3	Vertical	321	1.89	-	39.83	8.27	34.20
AV	11.41448G	42.25	54.00	-11.75	28.35	3	Vertical	321	1.89	-	39.83	8.27	34.20

802.11ax HEW40_Nss1,(MCS0)_2TX

11/11/2020

5710MHz Straddle 5.47-5.725GHz_TX



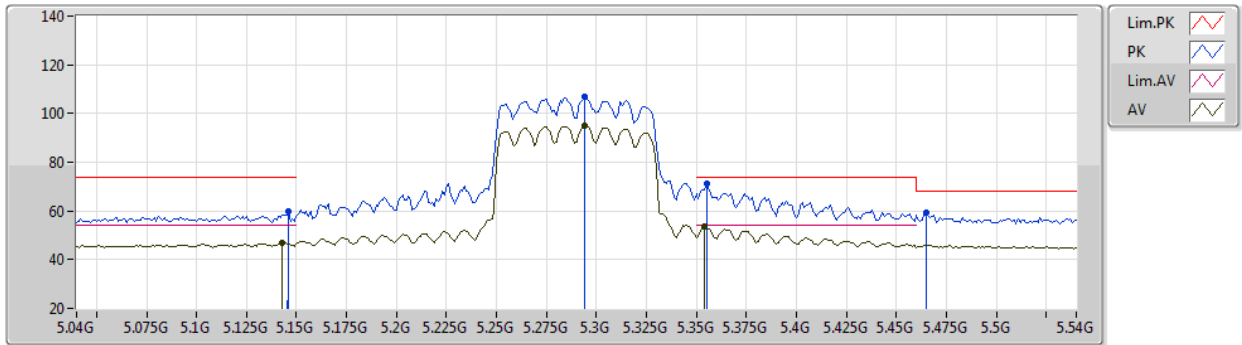
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Setting 23
06-D-S-5

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	11.4228G	55.58	74.00	-18.42	41.66	3	Horizontal	33	1.38	-	39.85	8.27	34.20
AV	11.41984G	42.21	54.00	-11.79	28.30	3	Horizontal	33	1.38	-	39.84	8.27	34.20

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5290MHz_TX



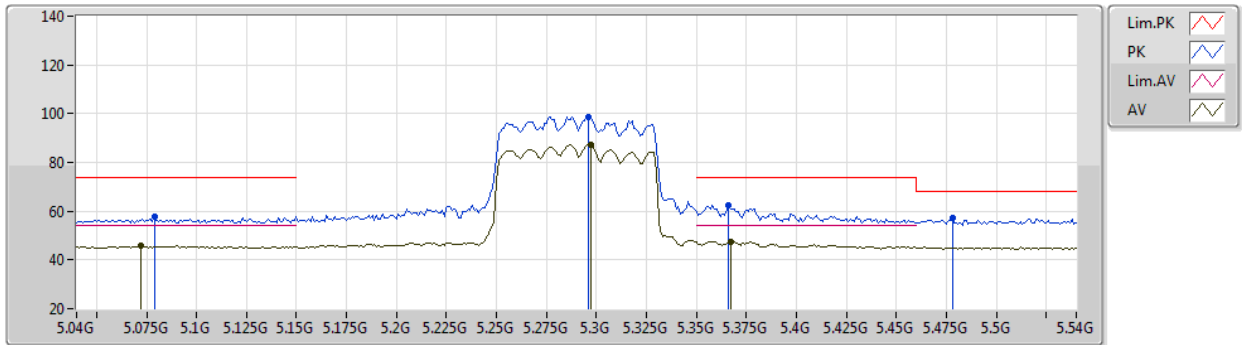
EUT_Y_2TX
Setting 18.5
06-D-5-5-10

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	60.00	74.00	-14.00	54.83	3	Vertical	252	2.35	-	31.80	5.00	31.63
AV	5.143G	46.71	54.00	-7.29	41.54	3	Vertical	252	2.35	-	31.80	5.00	31.63
PK	5.294G	106.95	Inf	-Inf	102.47	3	Vertical	252	2.35	-	31.21	5.00	31.73
AV	5.294G	94.76	Inf	-Inf	90.28	3	Vertical	252	2.35	-	31.21	5.00	31.73
PK	5.355G	71.31	74.00	-2.69	66.85	3	Vertical	252	2.35	-	31.23	5.00	31.77
AV	5.354G	53.58	54.00	-0.42	49.13	3	Vertical	252	2.35	-	31.22	5.00	31.77
PK	5.465G	59.20	68.20	-9.00	54.36	3	Vertical	252	2.35	-	31.63	5.06	31.85

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5290MHz_TX



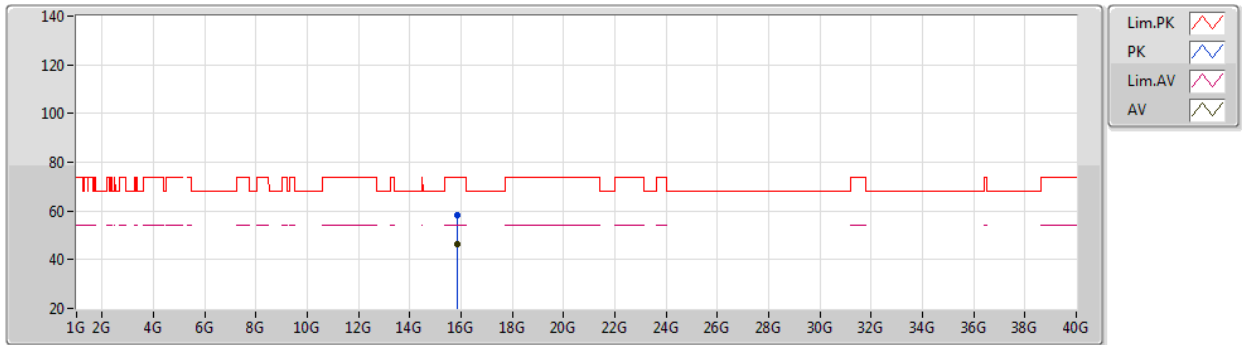
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Setting 18.5
06-D-S-5-10

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	5.079G	57.86	74.00	-16.14	52.64	3	Horizontal	120	1.95	-	31.80	5.00	31.58
AV	5.072G	45.79	54.00	-8.21	40.57	3	Horizontal	120	1.95	-	31.80	5.00	31.58
PK	5.296G	98.80	Inf	-Inf	94.32	3	Horizontal	120	1.95	-	31.21	5.00	31.73
AV	5.297G	87.07	Inf	-Inf	82.59	3	Horizontal	120	1.95	-	31.21	5.00	31.73
PK	5.366G	62.50	74.00	-11.50	57.98	3	Horizontal	120	1.95	-	31.30	5.00	31.78
AV	5.367G	47.60	54.00	-6.40	43.08	3	Horizontal	120	1.95	-	31.30	5.00	31.78
PK	5.478G	57.00	68.20	-11.20	52.12	3	Horizontal	120	1.95	-	31.66	5.08	31.86

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5290MHz_TX



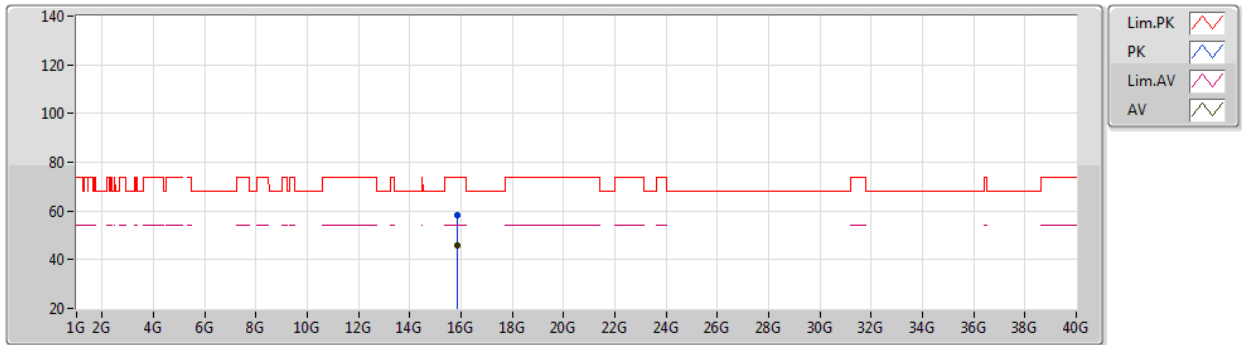
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Setting 18.5
06-D-S-5

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	15.86764G	58.09	74.00	-15.91	43.45	3	Vertical	226	2.01	-	38.26	10.53	34.15
AV	15.86152G	46.13	54.00	-7.87	31.47	3	Vertical	226	2.01	-	38.28	10.53	34.15

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5290MHz_TX



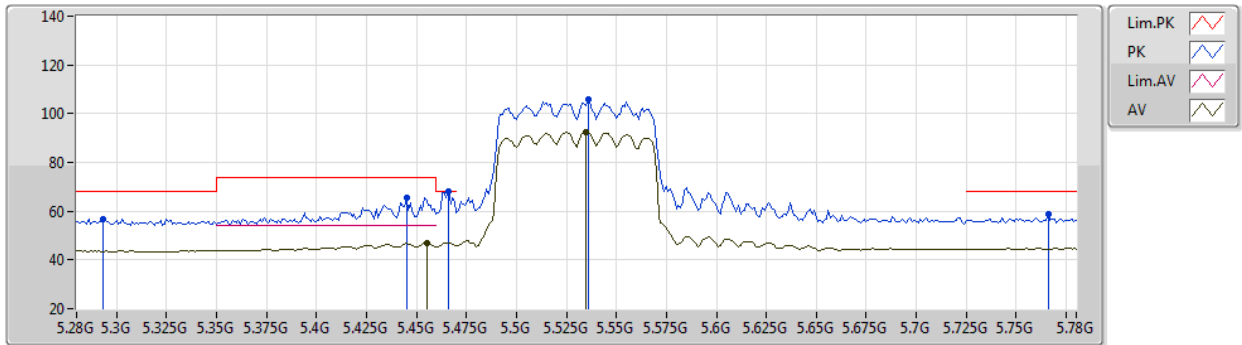
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Setting 18.5
06-D-S-5

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	15.8694G	58.48	74.00	-15.52	43.85	3	Horizontal	322	1.84	-	38.26	10.53	34.16
AV	15.86692G	46.10	54.00	-7.90	31.45	3	Horizontal	322	1.84	-	38.27	10.53	34.15

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5530MHz_TX



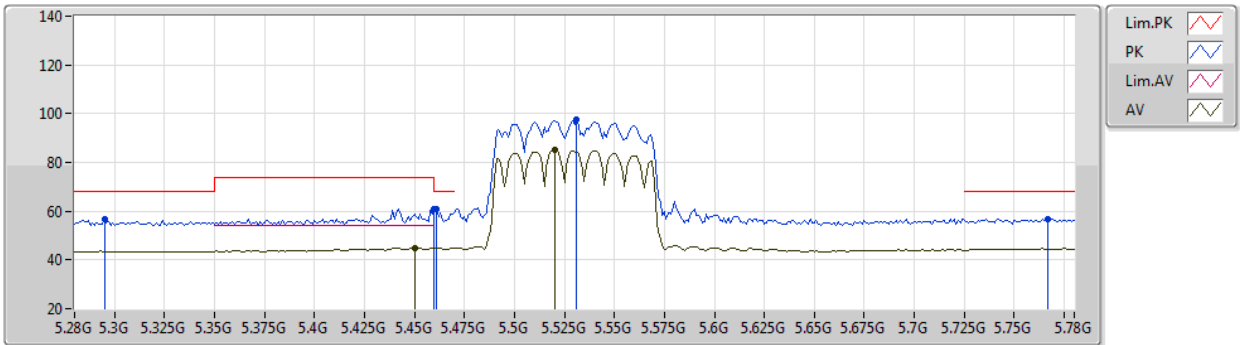
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Setting 18.5
06-D-S-5-10

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	5.293G	56.97	68.20	-11.23	52.49	3	Vertical	235	2.57	-	31.21	5.00	31.73
PK	5.445G	65.44	74.00	-8.56	60.64	3	Vertical	235	2.57	-	31.59	5.04	31.83
AV	5.455G	46.80	54.00	-7.20	41.98	3	Vertical	235	2.57	-	31.61	5.05	31.84
PK	5.466G	67.91	68.20	-0.29	63.06	3	Vertical	235	2.57	-	31.63	5.07	31.85
PK	5.536G	105.66	Inf	-Inf	100.81	3	Vertical	235	2.57	-	31.56	5.14	31.85
AV	5.535G	92.62	Inf	-Inf	87.77	3	Vertical	235	2.57	-	31.56	5.14	31.85
PK	5.766G	58.59	68.20	-9.61	53.12	3	Vertical	235	2.57	-	31.93	5.28	31.74

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5530MHz_TX



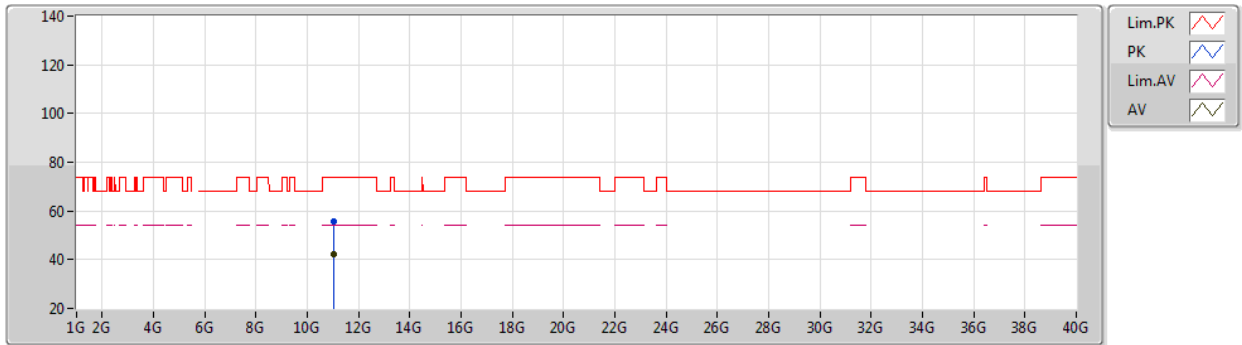
EUT Y_2TX
Setting 18.5
06-D-5-5-10

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	5.295G	56.56	68.20	-11.64	52.08	3	Horizontal	323	1.80	-	31.21	5.00	31.73
PK	5.46G	61.07	74.00	-12.93	56.23	3	Horizontal	323	1.80	-	31.62	5.06	31.84
AV	5.45G	44.98	54.00	-9.02	40.17	3	Horizontal	323	1.80	-	31.60	5.05	31.84
PK	5.461G	60.77	68.20	-7.43	55.93	3	Horizontal	323	1.80	-	31.62	5.06	31.84
PK	5.531G	97.39	Inf	-Inf	92.54	3	Horizontal	323	1.80	-	31.58	5.13	31.86
AV	5.52G	85.26	Inf	-Inf	80.38	3	Horizontal	323	1.80	-	31.62	5.12	31.86
PK	5.767G	56.84	68.20	-11.36	51.37	3	Horizontal	323	1.80	-	31.93	5.28	31.74

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5530MHz_TX



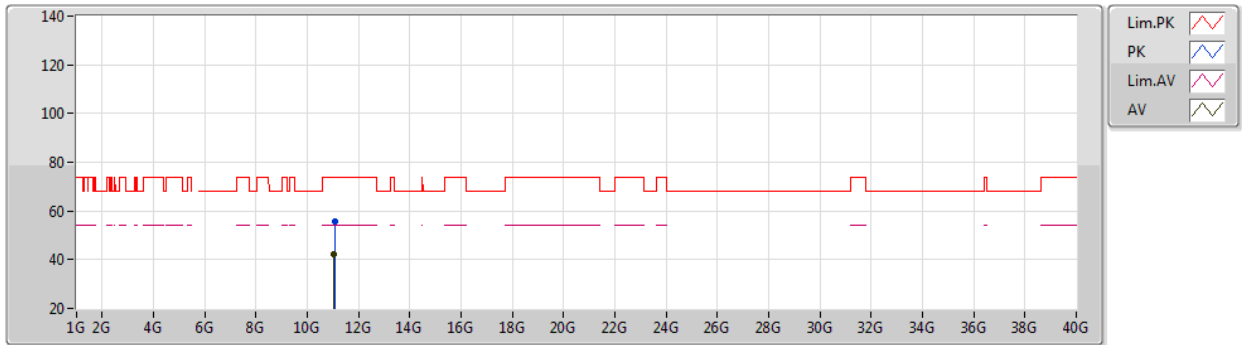
EUT Y_2TX
Setting 18.5
06-D-S-5

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	11.0558G	55.76	74.00	-18.24	41.83	3	Vertical	168	2.37	-	39.98	8.12	34.17
AV	11.05656G	42.26	54.00	-11.74	28.34	3	Vertical	168	2.37	-	39.97	8.12	34.17

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5530MHz_TX



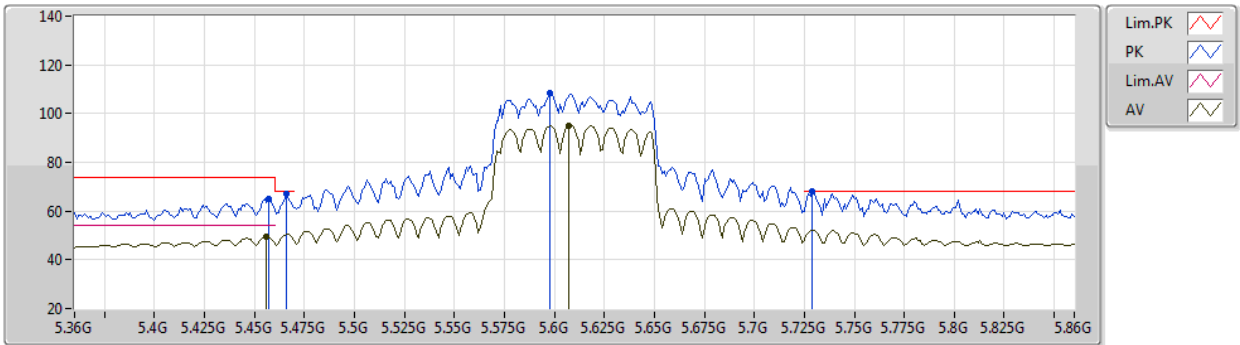
EUT Y_2TX
Setting 18.5
06-D-S-5

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	11.06872G	55.53	74.00	-18.47	41.64	3	Horizontal	14	2.62	-	39.93	8.13	34.17
AV	11.05404G	42.41	54.00	-11.59	28.48	3	Horizontal	14	2.62	-	39.98	8.12	34.17

802.11ax HEW80_Nss1,(MCS0)_2TX

21/01/2021

5610MHz_TX



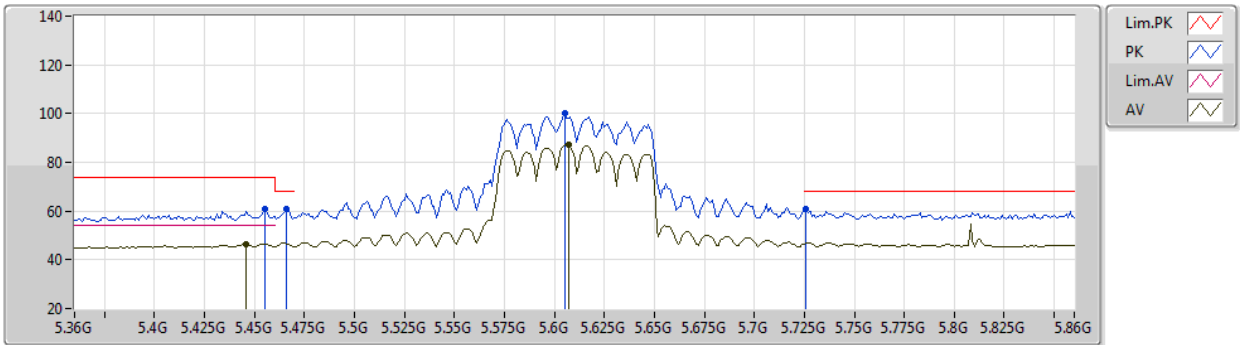
EUT Y_2TX
Setting 19.5
06-D-S-5-10

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	5.457G	64.97	74.00	-9.03	60.14	3	Vertical	13	1.95	-	31.61	5.06	31.84
AV	5.456G	49.53	54.00	-4.47	44.70	3	Vertical	13	1.95	-	31.61	5.06	31.84
PK	5.466G	66.85	68.20	-1.35	62.00	3	Vertical	13	1.95	-	31.63	5.07	31.85
PK	5.598G	108.19	Inf	-Inf	103.31	3	Vertical	13	1.95	-	31.50	5.20	31.82
AV	5.607G	95.21	Inf	-Inf	90.33	3	Vertical	13	1.95	-	31.50	5.20	31.82
PK	5.729G	68.00	68.20	-0.20	62.68	3	Vertical	13	1.95	-	31.82	5.26	31.76

802.11ax HEW80_Nss1,(MCS0)_2TX

21/01/2021

5610MHz_TX



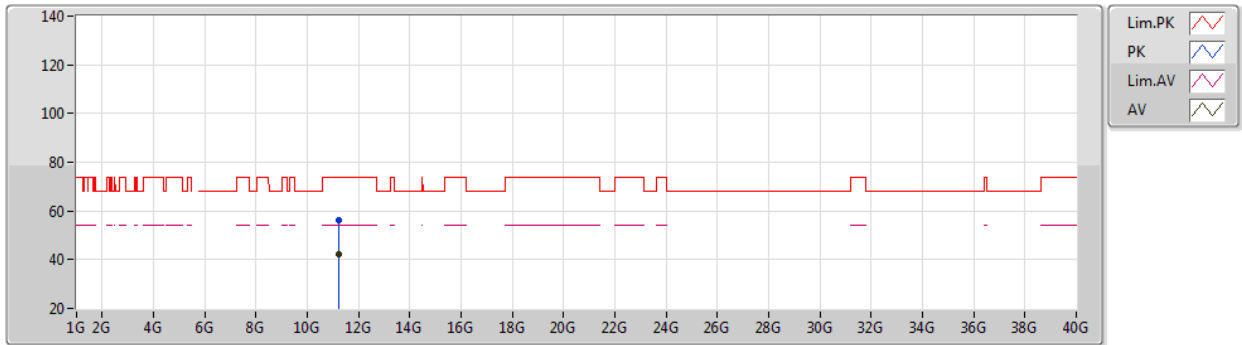
EUT Y_2TX
Setting 19.5
06-D-S-5-10

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	5.455G	60.77	74.00	-13.23	55.95	3	Horizontal	57	1.79	-	31.61	5.05	31.84
AV	5.446G	46.50	54.00	-7.50	41.69	3	Horizontal	57	1.79	-	31.59	5.05	31.83
PK	5.466G	60.87	68.20	-7.33	56.02	3	Horizontal	57	1.79	-	31.63	5.07	31.85
PK	5.605G	100.01	Inf	-Inf	95.13	3	Horizontal	57	1.79	-	31.50	5.20	31.82
AV	5.607G	87.17	Inf	-Inf	82.29	3	Horizontal	57	1.79	-	31.50	5.20	31.82
PK	5.726G	60.82	68.20	-7.38	55.52	3	Horizontal	57	1.79	-	31.80	5.26	31.76

802.11ax HEW80_Nss1,(MCS0)_2TX

21/01/2021

5610MHz_TX



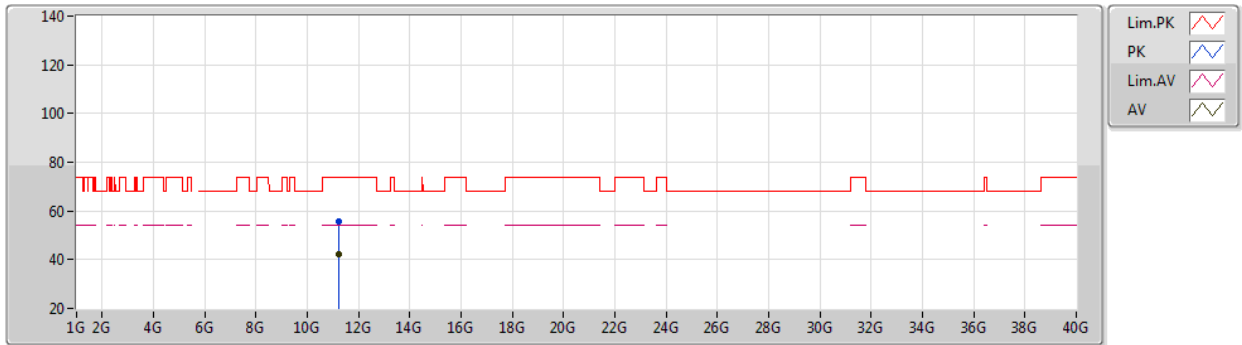
EUT Y_2TX
Setting 19.5
06-D-S-5

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	11.21196G	56.02	74.00	-17.98	42.42	3	Vertical	67	2.98	-	39.60	8.18	34.18
AV	11.22804G	42.43	54.00	-11.57	28.82	3	Vertical	67	2.98	-	39.60	8.19	34.18

802.11ax HEW80_Nss1,(MCS0)_2TX

21/01/2021

5610MHz_TX



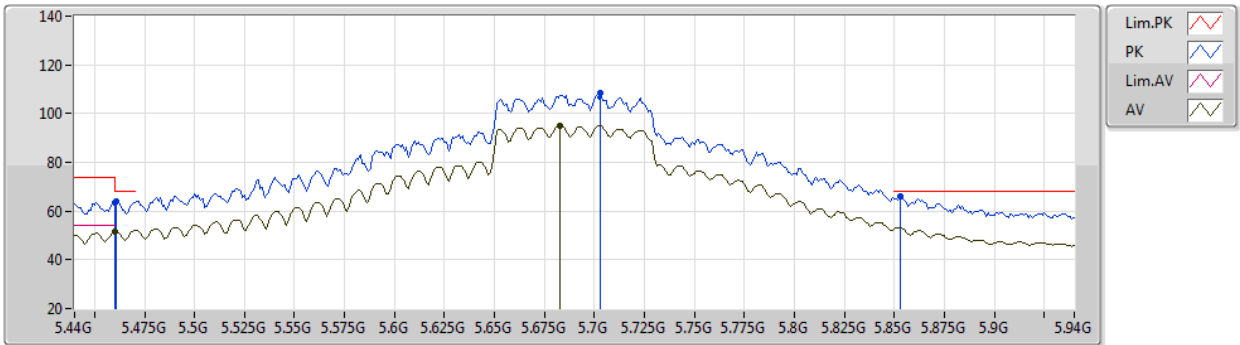
EUT Y_2TX
Setting 19.5
06-D-S-5

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	11.22228G	55.65	74.00	-18.35	42.04	3	Horizontal	242	1.37	-	39.60	8.19	34.18
AV	11.22884G	42.28	54.00	-11.72	28.67	3	Horizontal	242	1.37	-	39.60	8.19	34.18

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5690MHz Straddle 5.47-5.725GHz_TX



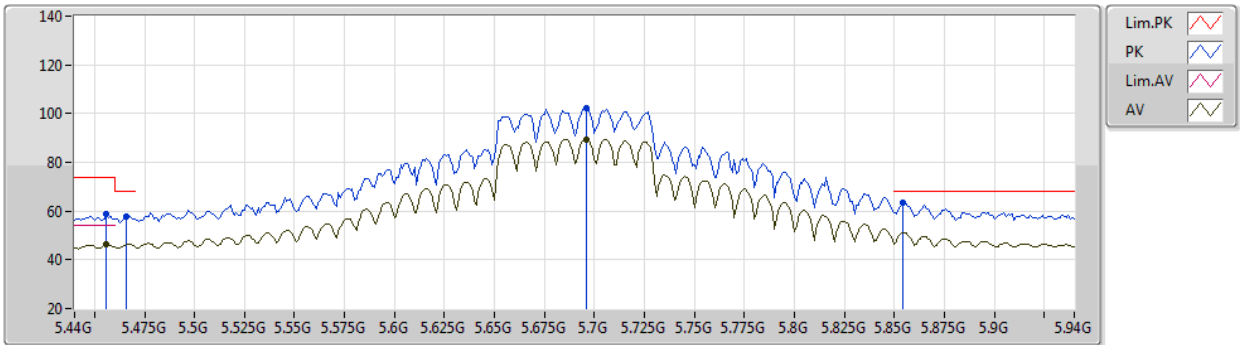
EUT Y_2TX
Setting 22
06-D-S-5-10

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	5.46G	63.39	74.00	-10.61	58.55	3	Vertical	234	2.13	-	31.62	5.06	31.84
AV	5.46G	51.36	54.00	-2.64	46.52	3	Vertical	234	2.13	-	31.62	5.06	31.84
PK	5.461G	64.09	68.20	-4.11	59.25	3	Vertical	234	2.13	-	31.62	5.06	31.84
PK	5.703G	108.20	Inf	-Inf	103.01	3	Vertical	234	2.13	-	31.71	5.25	31.77
AV	5.683G	95.03	Inf	-Inf	89.94	3	Vertical	234	2.13	-	31.63	5.24	31.78
PK	5.853G	66.08	68.20	-2.12	60.22	3	Vertical	234	2.13	-	32.21	5.35	31.70

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5690MHz Straddle 5.47-5.725GHz_TX

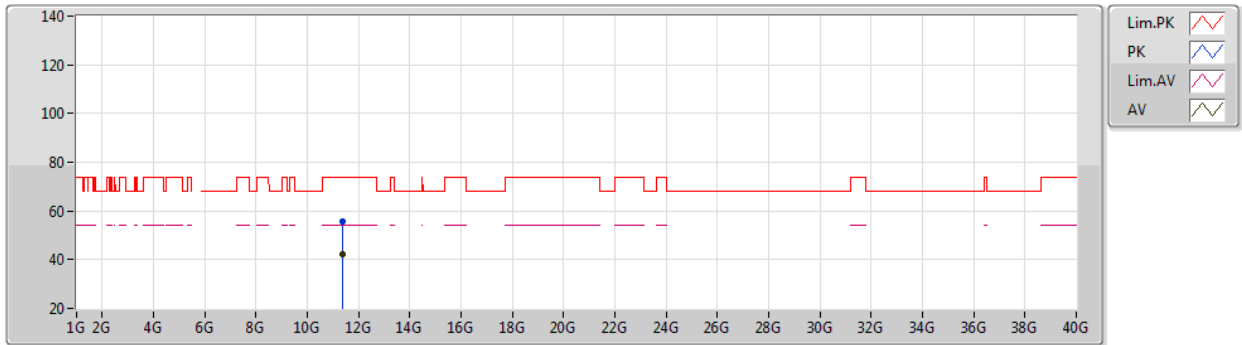


EUT Y_2TX
Setting 22
06-D-S-5-10

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	5.456G	58.76	74.00	-15.24	53.93	3	Horizontal	315	1.80	-	31.61	5.06	31.84
AV	5.456G	46.16	54.00	-7.84	41.33	3	Horizontal	315	1.80	-	31.61	5.06	31.84
PK	5.466G	57.92	68.20	-10.28	53.07	3	Horizontal	315	1.80	-	31.63	5.07	31.85
PK	5.696G	102.32	Inf	-Inf	97.17	3	Horizontal	315	1.80	-	31.68	5.25	31.78
AV	5.696G	89.51	Inf	-Inf	84.36	3	Horizontal	315	1.80	-	31.68	5.25	31.78
PK	5.854G	63.31	68.20	-4.89	57.45	3	Horizontal	315	1.80	-	32.21	5.35	31.70

802.11ax HEW80_Nss1,(MCS0)_2TX
5690MHz Straddle 5.47-5.725GHz_TX

11/11/2020



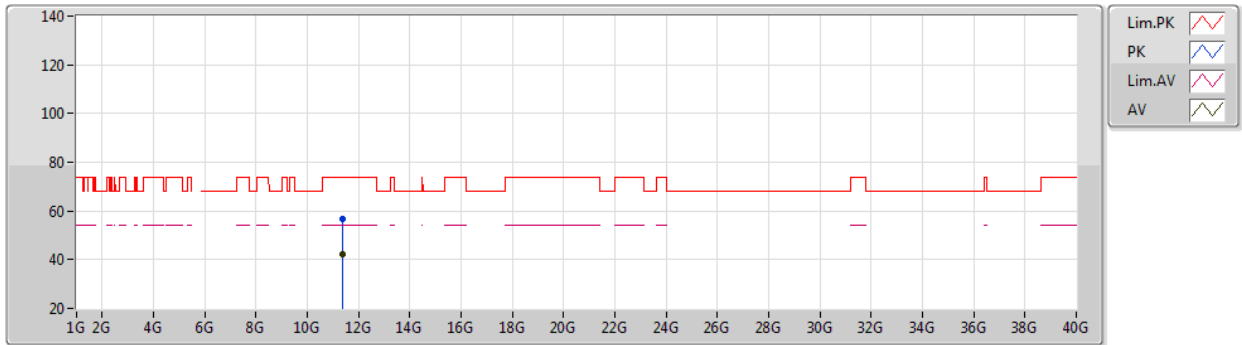
EUT Y_2TX
 Setting 22
 06-D-S-5

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	11.38024G	55.72	74.00	-18.28	41.91	3	Vertical	130	2.83	-	39.76	8.25	34.20
AV	11.37104G	42.10	54.00	-11.90	28.31	3	Vertical	130	2.83	-	39.74	8.25	34.20

802.11ax HEW80_Nss1,(MCS0)_2TX

11/11/2020

5690MHz Straddle 5.47-5.725GHz_TX



EUT Y_2TX
Setting 22
06-D-S-5

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	11.37928G	56.73	74.00	-17.27	42.92	3	Horizontal	60	1.92	-	39.76	8.25	34.20
AV	11.38748G	42.25	54.00	-11.75	28.43	3	Horizontal	60	1.92	-	39.77	8.25	34.20



For non-beamforming mode:

For Set 2:

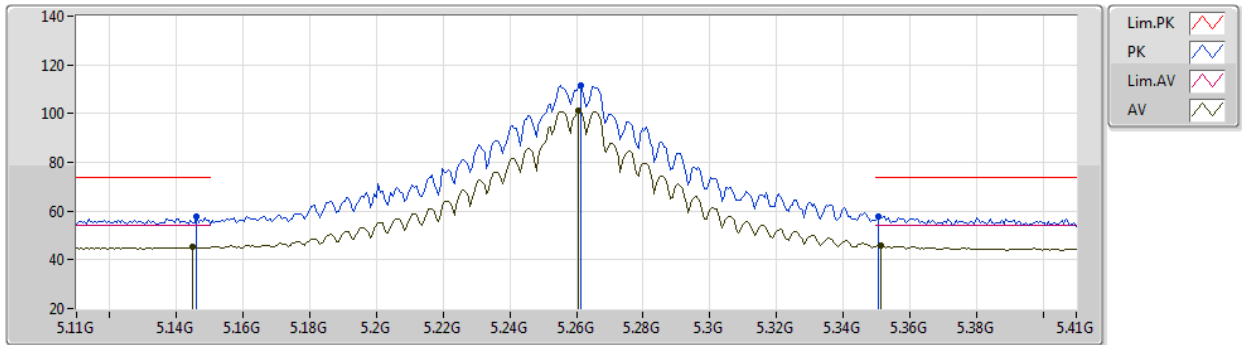
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW40_Nss1,(MCS0)_2TX	Pass	PK	5.4666G	68.16	68.20	-0.04	3	Horizontal	285	2.86	-

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5260MHz_TX



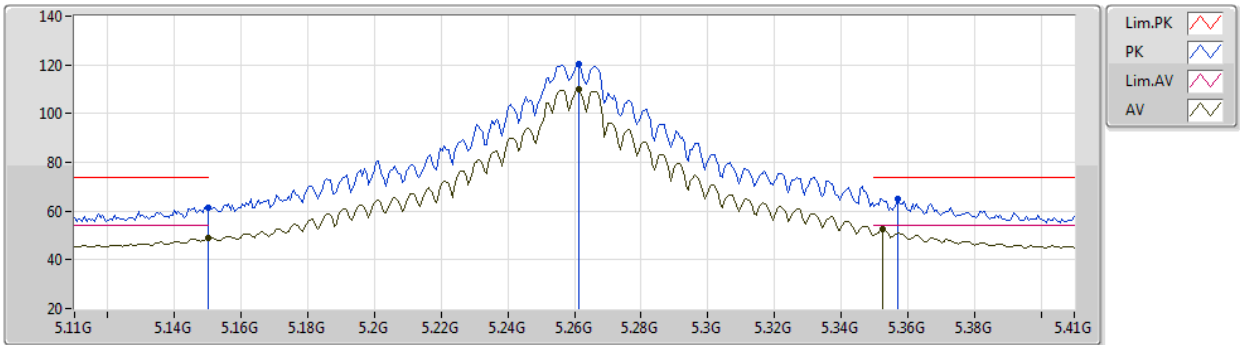
EUT_Z_2TX
Setting 23
06-D-K-3-10

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	5.146G	57.51	74.00	-16.49	52.34	3	Vertical	5	2.56	-	31.80	5.00	31.63
AV	5.1448G	45.16	54.00	-8.84	39.99	3	Vertical	5	2.56	-	31.80	5.00	31.63
PK	5.2612G	111.58	Inf	-Inf	107.01	3	Vertical	5	2.56	-	31.28	5.00	31.71
AV	5.2606G	101.20	Inf	-Inf	96.63	3	Vertical	5	2.56	-	31.28	5.00	31.71
PK	5.3506G	57.80	74.00	-16.20	53.37	3	Vertical	5	2.56	-	31.20	5.00	31.77
AV	5.3512G	45.95	54.00	-8.05	41.51	3	Vertical	5	2.56	-	31.21	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5260MHz_TX



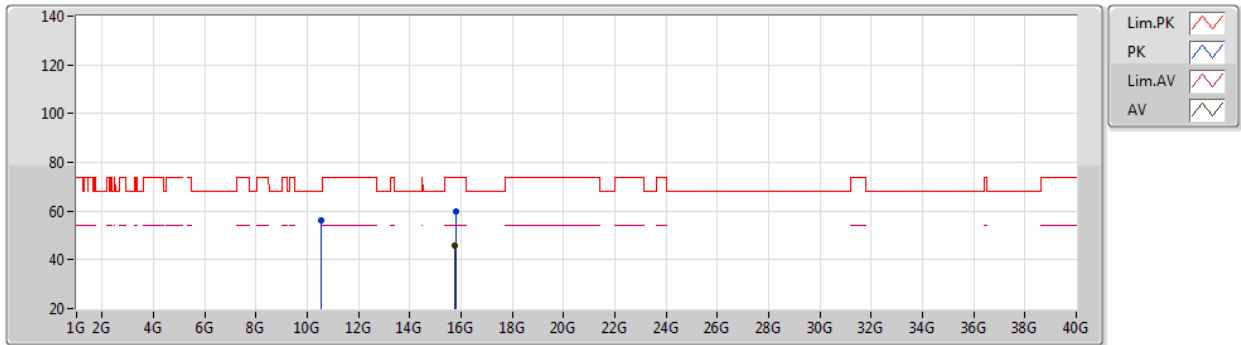
EUT Z_2TX
Setting 23
06-D-K-3-10

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	61.57	74.00	-12.43	56.40	3	Horizontal	284	1.89	-	31.80	5.00	31.63
AV	5.15G	48.80	54.00	-5.20	43.63	3	Horizontal	284	1.89	-	31.80	5.00	31.63
PK	5.2612G	120.16	Inf	-Inf	115.59	3	Horizontal	284	1.89	-	31.28	5.00	31.71
AV	5.2612G	110.13	Inf	-Inf	105.56	3	Horizontal	284	1.89	-	31.28	5.00	31.71
PK	5.3572G	65.25	74.00	-8.75	60.78	3	Horizontal	284	1.89	-	31.24	5.00	31.77
AV	5.3524G	52.64	54.00	-1.36	48.20	3	Horizontal	284	1.89	-	31.21	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5260MHz_TX



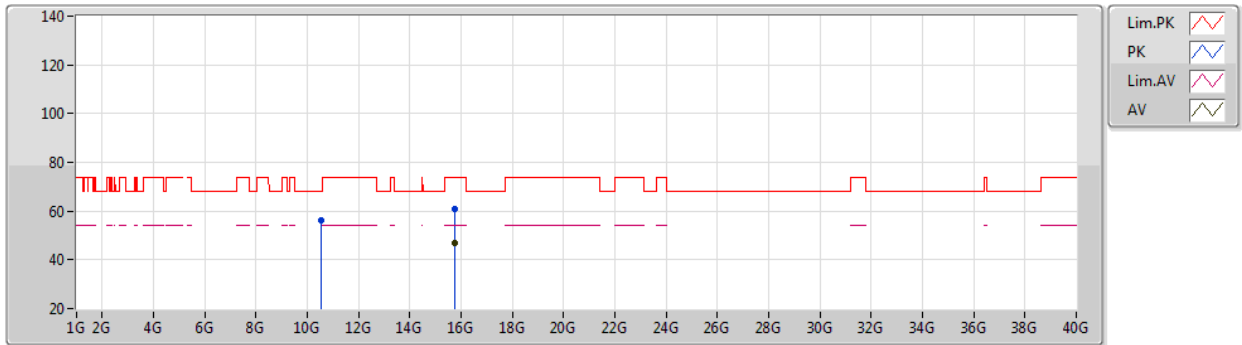
EUT_Z_2TX
Setting 23
06-D-S-5

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	10.52572G	56.15	68.20	-12.05	42.32	3	Vertical	16	1.80	-	39.87	7.91	33.95
PK	15.78248G	59.60	74.00	-14.40	44.71	3	Vertical	57	1.80	-	38.49	10.49	34.09
AV	15.77724G	45.96	54.00	-8.04	31.05	3	Vertical	57	1.80	-	38.51	10.49	34.09

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5260MHz_TX



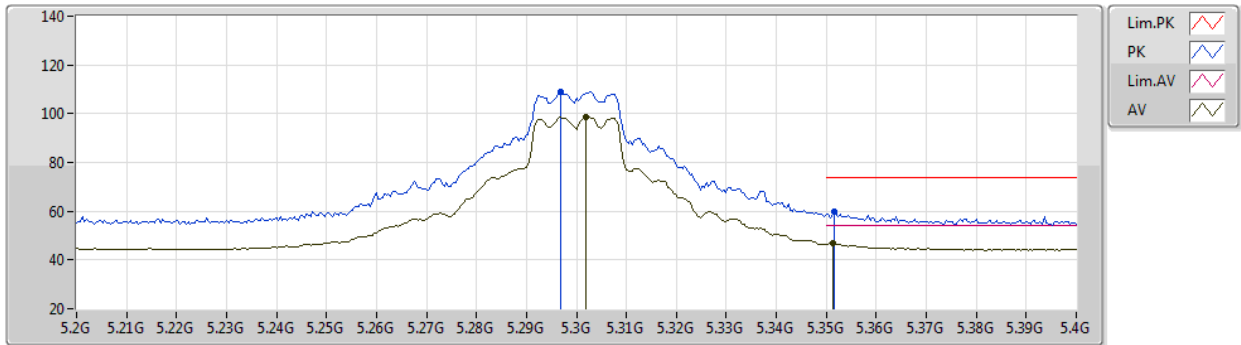
EUT_Z_2TX
Setting 23
06-D-S-5

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	10.51948G	56.01	68.20	-12.19	42.17	3	Horizontal	269	1.80	-	39.88	7.91	33.95
PK	15.77716G	60.68	74.00	-13.32	45.77	3	Horizontal	160	1.87	-	38.51	10.49	34.09
AV	15.77724G	46.93	54.00	-8.17	32.02	3	Horizontal	160	1.87	-	38.51	10.49	34.09

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5300MHz_TX



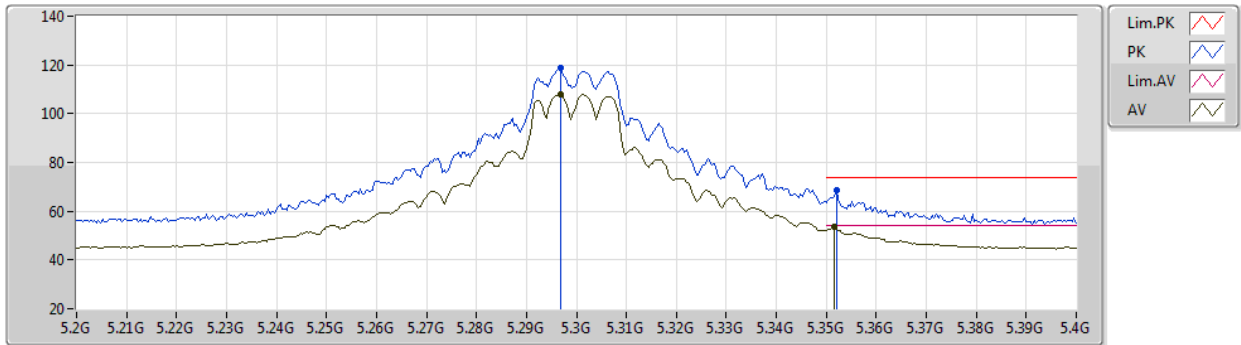
EUT_Z_2TX
Setting 21.5
06-D-K-3-10

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	5.2968G	108.82	Inf	-Inf	104.34	3	Vertical	16	1.94	-	31.21	5.00	31.73
AV	5.302G	98.61	Inf	-Inf	94.15	3	Vertical	16	1.94	-	31.20	5.00	31.74
PK	5.3516G	59.58	74.00	-14.42	55.14	3	Vertical	16	1.94	-	31.21	5.00	31.77
AV	5.3512G	46.90	54.00	-7.10	42.46	3	Vertical	16	1.94	-	31.21	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5300MHz_TX



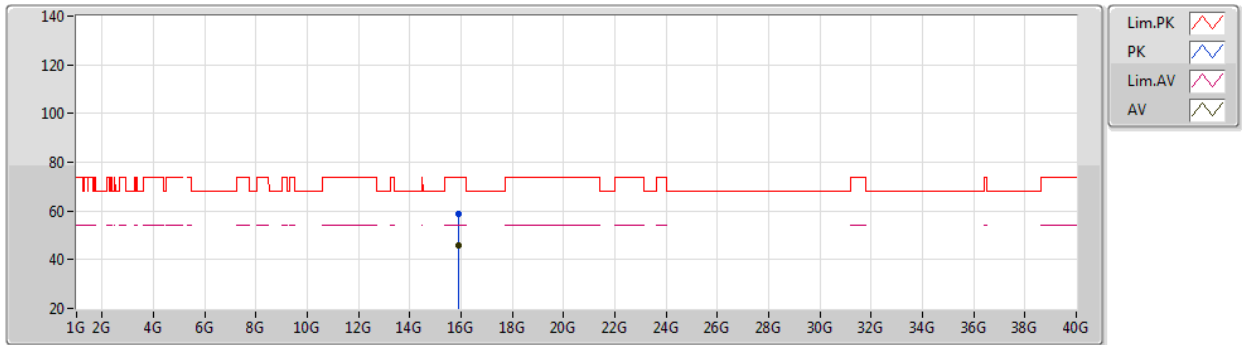
EUT_Z_2TX
Setting 21.5
06-D-K-3-10

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	5.2968G	118.82	Inf	-Inf	114.34	3	Horizontal	282	1.87	-	31.21	5.00	31.73
AV	5.2968G	107.88	Inf	-Inf	103.40	3	Horizontal	282	1.87	-	31.21	5.00	31.73
PK	5.352G	68.72	74.00	-5.28	64.28	3	Horizontal	282	1.87	-	31.21	5.00	31.77
AV	5.3516G	53.42	54.00	-0.58	48.98	3	Horizontal	282	1.87	-	31.21	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5300MHz_TX



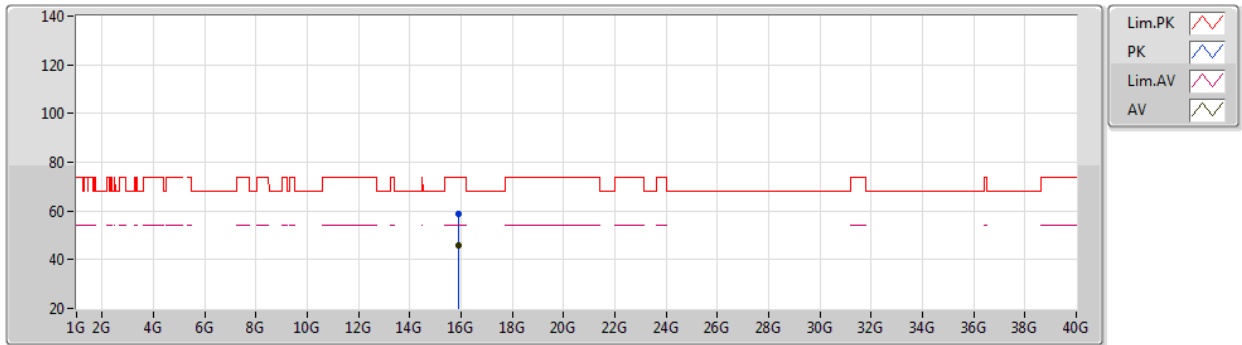
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Setting 21.5
06-D-S-5

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	15.89004G	59.05	74.00	-14.95	44.45	3	Vertical	349	2.77	-	38.22	10.55	34.17
AV	15.89392G	46.02	54.00	-7.98	31.43	3	Vertical	349	2.77	-	38.21	10.55	34.17

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5300MHz_TX



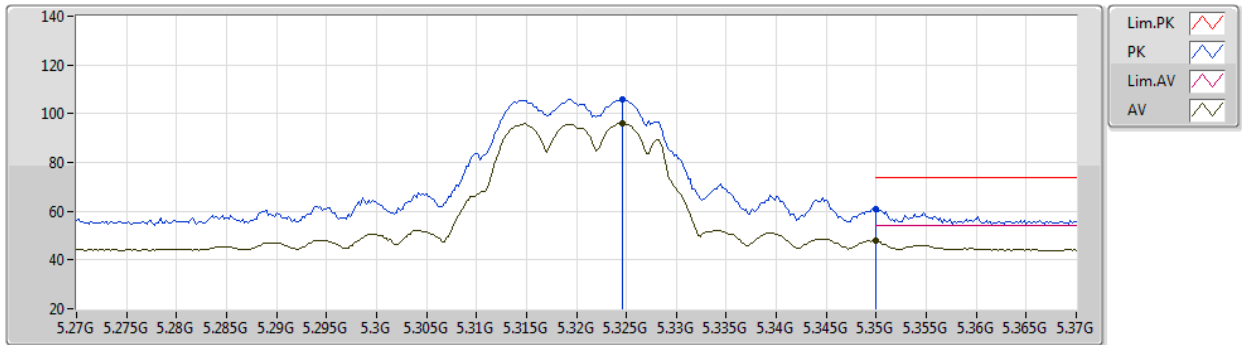
EUT Z_2TX
Setting 21.5
06-D-S-5

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	15.89432G	58.82	74.00	-15.18	44.23	3	Horizontal	261	1.65	-	38.21	10.55	34.17
AV	15.89404G	45.69	54.00	-8.31	31.10	3	Horizontal	261	1.65	-	38.21	10.55	34.17

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5320MHz_TX



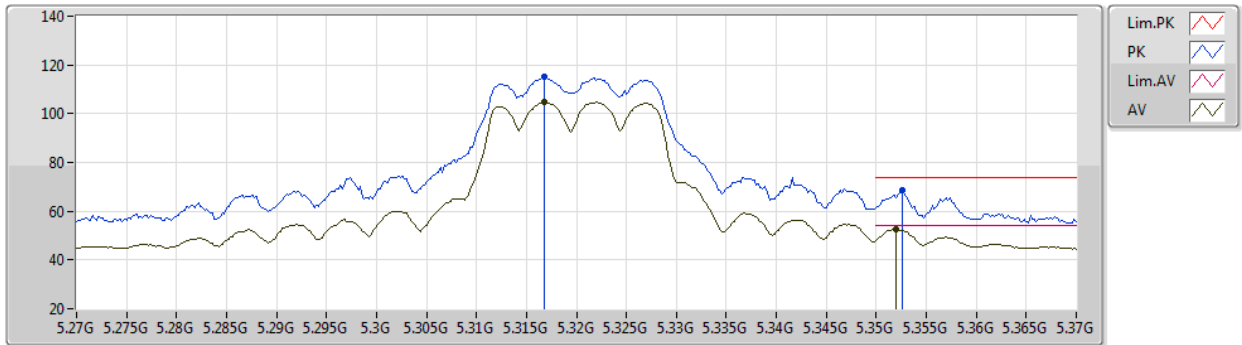
EUT_Z_2TX
Setting 18.5
06-D-K-3-10

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	5.3246G	105.97	Inf	-Inf	101.52	3	Vertical	7	2.62	-	31.20	5.00	31.75
AV	5.3246G	96.09	Inf	-Inf	91.64	3	Vertical	7	2.62	-	31.20	5.00	31.75
PK	5.35G	60.79	74.00	-13.21	56.36	3	Vertical	7	2.62	-	31.20	5.00	31.77
AV	5.35G	47.70	54.00	-6.30	43.27	3	Vertical	7	2.62	-	31.20	5.00	31.77

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5320MHz_TX



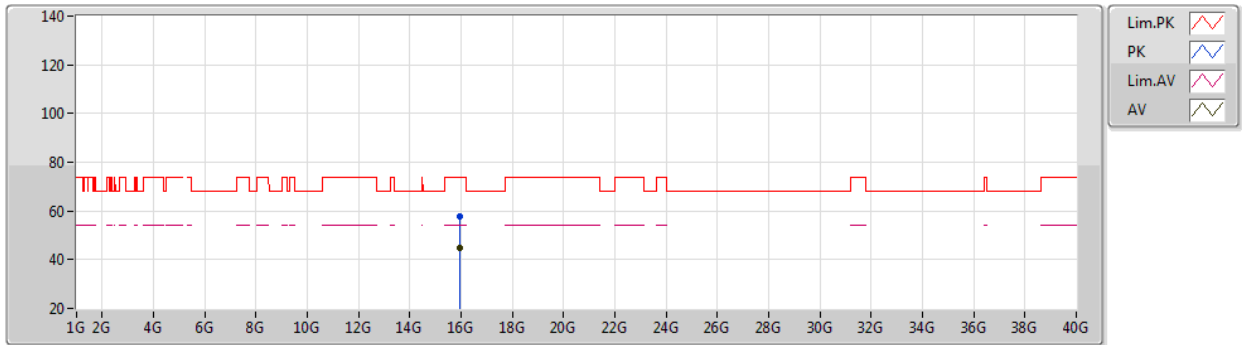
EUT Z_2TX
Setting 18.5
06-D-K-3-10

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	5.3168G	115.22	Inf	-Inf	110.77	3	Horizontal	281	1.68	-	31.20	5.00	31.75	
AV	5.3168G	104.81	Inf	-Inf	100.36	3	Horizontal	281	1.68	-	31.20	5.00	31.75	
PK	5.3526G	68.39	74.00	-5.61	63.94	3	Horizontal	281	1.68	-	31.22	5.00	31.77	
AV	5.3526G	52.77	54.00	-1.23	48.33	3	Horizontal	281	1.68	-	31.21	5.00	31.77	

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5320MHz_TX



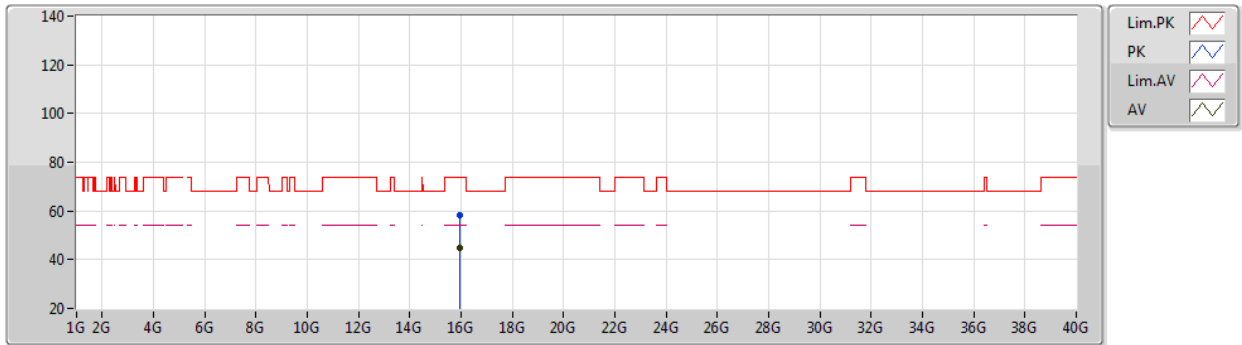
EUT Z_2TX
Setting 18.5
06-D-S-5

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	15.95128G	58.01	74.00	-15.99	43.44	3	Vertical	19	2.87	-	38.20	10.58	34.21
AV	15.95208G	44.85	54.00	-9.15	30.29	3	Vertical	19	2.87	-	38.20	10.58	34.22

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5320MHz_TX



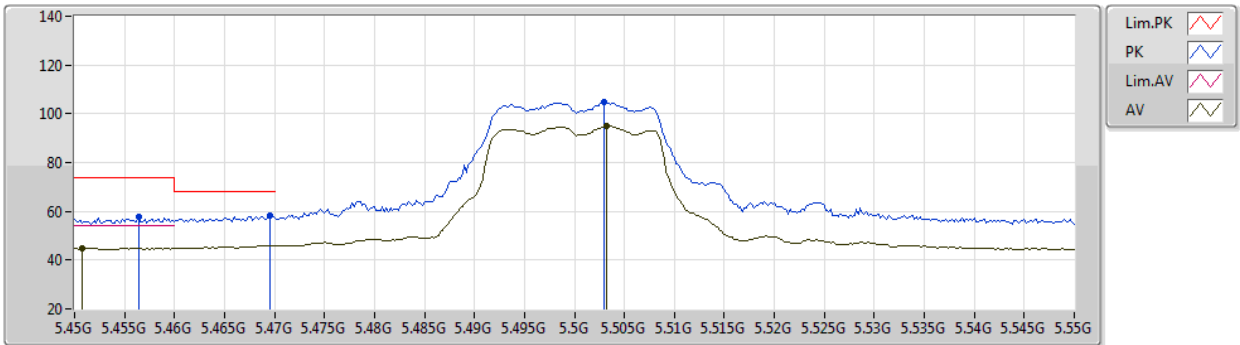
EUT_Z_2TX
Setting 18.5
06-D-S-5

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	15.96456G	58.51	74.00	-15.49	43.95	3	Horizontal	269	2.33	-	38.20	10.58	34.22
AV	15.95444G	44.86	54.00	-9.14	30.30	3	Horizontal	269	2.33	-	38.20	10.58	34.22

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5500MHz_TX



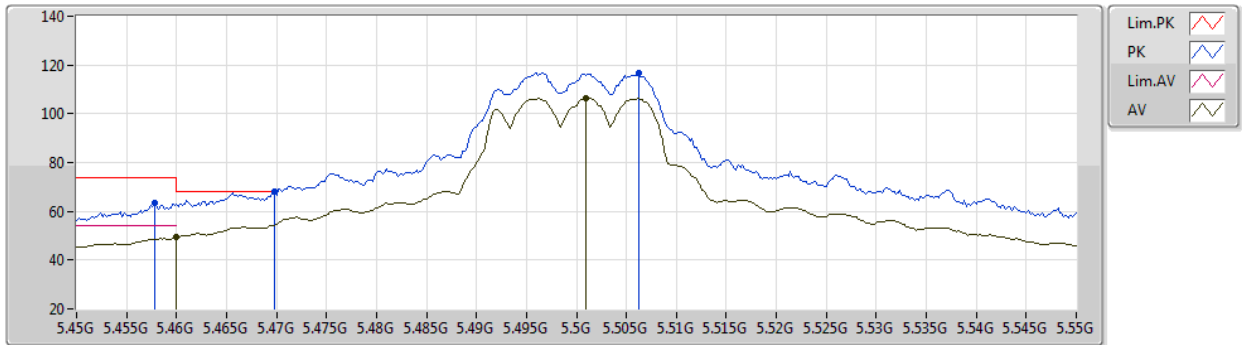
EUT_Z_2TX
Setting 19.5
06-D-L-2-10

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	5.4564G	57.51	74.00	-16.49	52.68	3	Vertical	19	1.80	-	31.61	5.06	31.84	
AV	5.4508G	44.86	54.00	-9.14	40.05	3	Vertical	19	1.80	-	31.60	5.05	31.84	
PK	5.4696G	58.25	68.20	-9.95	53.39	3	Vertical	19	1.80	-	31.64	5.07	31.85	
PK	5.503G	104.67	Inf	-Inf	99.75	3	Vertical	19	1.80	-	31.69	5.10	31.87	
AV	5.5032G	95.00	Inf	-Inf	90.08	3	Vertical	19	1.80	-	31.69	5.10	31.87	

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5500MHz_TX



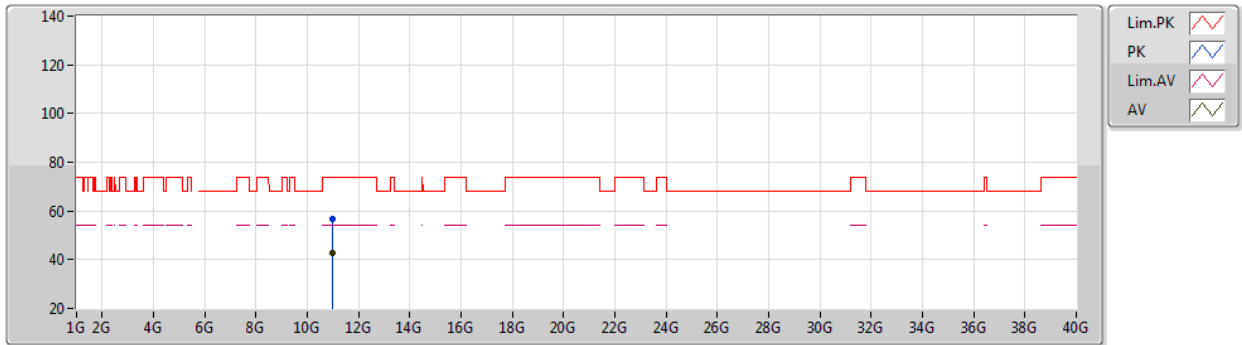
EUT_Z_2TX
Setting 19.5
06-D-L-2-10

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	5.4578G	63.20	74.00	-10.80	58.36	3	Horizontal	285	2.91	-	31.62	5.06	31.84
AV	5.46G	49.62	54.00	-4.38	44.78	3	Horizontal	285	2.91	-	31.62	5.06	31.84
PK	5.4698G	68.12	68.20	-0.08	63.26	3	Horizontal	285	2.91	-	31.64	5.07	31.85
PK	5.5062G	116.90	Inf	-Inf	111.98	3	Horizontal	285	2.91	-	31.68	5.11	31.87
AV	5.501G	106.54	Inf	-Inf	101.61	3	Horizontal	285	2.91	-	31.70	5.10	31.87

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5500MHz_TX



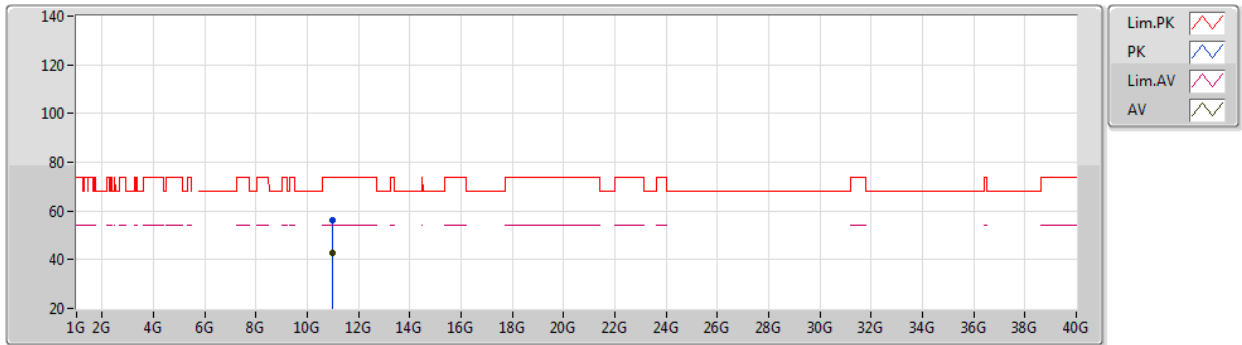
EUT_Z_2TX
Setting 19.5
06-D-S-5

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	10.99652G	56.59	74.00	-17.41	42.45	3	Vertical	281	1.02	-	40.20	8.10	34.16
AV	11.0052G	42.85	54.00	-11.15	28.73	3	Vertical	281	1.02	-	40.18	8.10	34.16

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5500MHz_TX



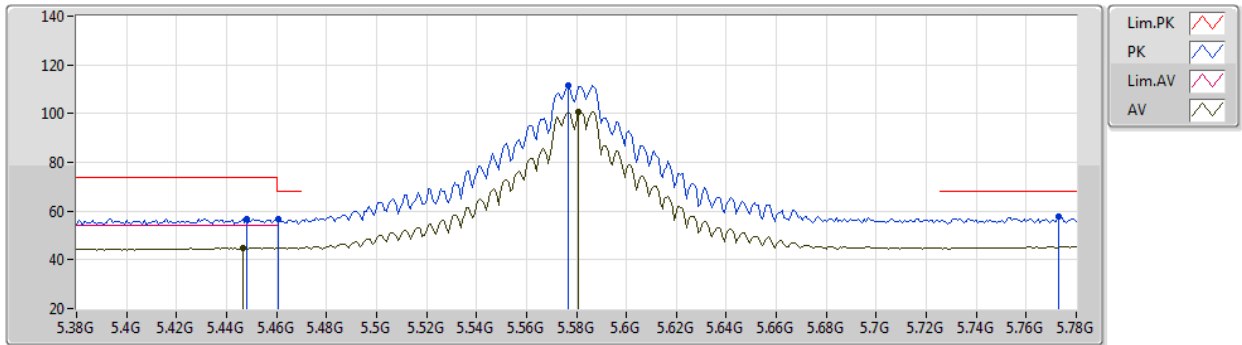
EUT Z_2TX
Setting 19.5
06-D-S-5

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	10.99132G	56.08	74.00	-17.92	41.93	3	Horizontal	256	1.63	-	40.21	8.10	34.16
AV	10.99344G	42.83	54.00	-11.17	28.68	3	Horizontal	256	1.63	-	40.21	8.10	34.16

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5580MHz_TX



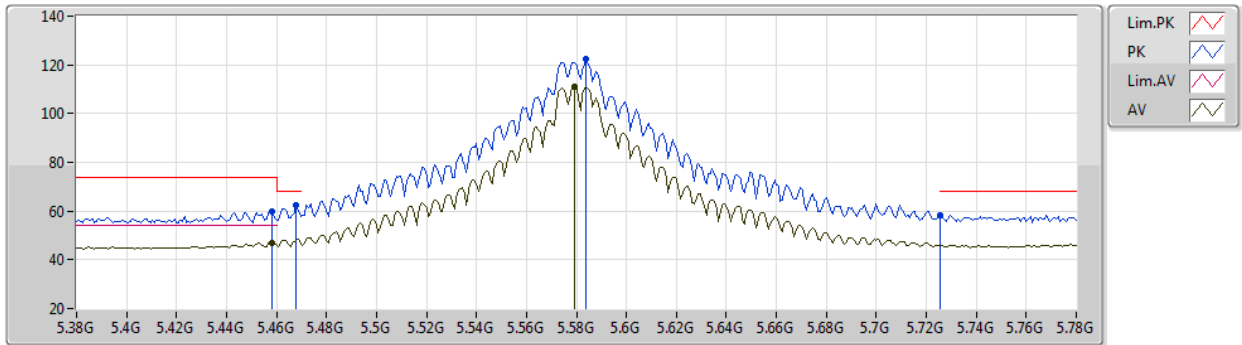
EUT_Z_2TX
Setting 23
06-D-L-2-10

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	5.448G	56.98	74.00	-17.02	52.16	3	Vertical	18	2.08	-	31.60	5.05	31.83
AV	5.4464G	45.01	54.00	-8.99	40.20	3	Vertical	18	2.08	-	31.59	5.05	31.83
PK	5.4608G	56.66	68.20	-11.54	51.82	3	Vertical	18	2.08	-	31.62	5.06	31.84
PK	5.5768G	111.37	Inf	-Inf	106.52	3	Vertical	18	2.08	-	31.50	5.18	31.83
AV	5.5808G	100.78	Inf	-Inf	95.93	3	Vertical	18	2.08	-	31.50	5.18	31.83
PK	5.7728G	57.68	68.20	-10.52	52.18	3	Vertical	18	2.08	-	31.95	5.29	31.74

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5580MHz_TX



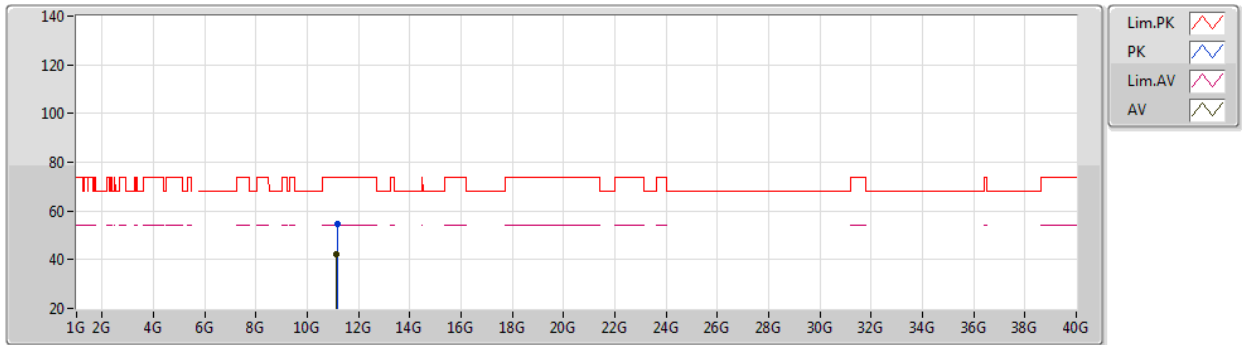
EUT Z_2TX
Setting 23
06-D-L-2-10

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	5.4584G	59.96	74.00	-14.04	55.12	3	Horizontal	284	2.87	-	31.62	5.06	31.84
AV	5.4584G	47.02	54.00	-6.98	42.18	3	Horizontal	284	2.87	-	31.62	5.06	31.84
PK	5.468G	62.56	68.20	-5.64	57.70	3	Horizontal	284	2.87	-	31.64	5.07	31.85
PK	5.584G	122.18	Inf	-Inf	117.33	3	Horizontal	284	2.87	-	31.50	5.18	31.83
AV	5.5792G	110.98	Inf	-Inf	106.13	3	Horizontal	284	2.87	-	31.50	5.18	31.83
PK	5.7256G	58.33	68.20	-9.87	53.03	3	Horizontal	284	2.87	-	31.80	5.26	31.76

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5580MHz_TX



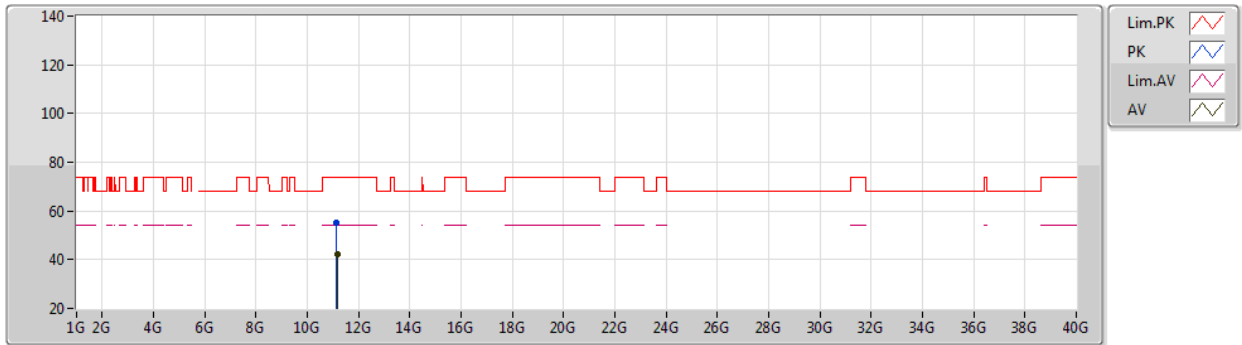
EUT Z_2TX
Setting 23
06-D-S-5

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	11.16892G	54.68	74.00	-19.32	41.03	3	Vertical	261	1.07	-	39.66	8.17	34.18
AV	11.15476G	42.34	54.00	-11.66	28.67	3	Vertical	261	1.07	-	39.69	8.16	34.18

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5580MHz_TX



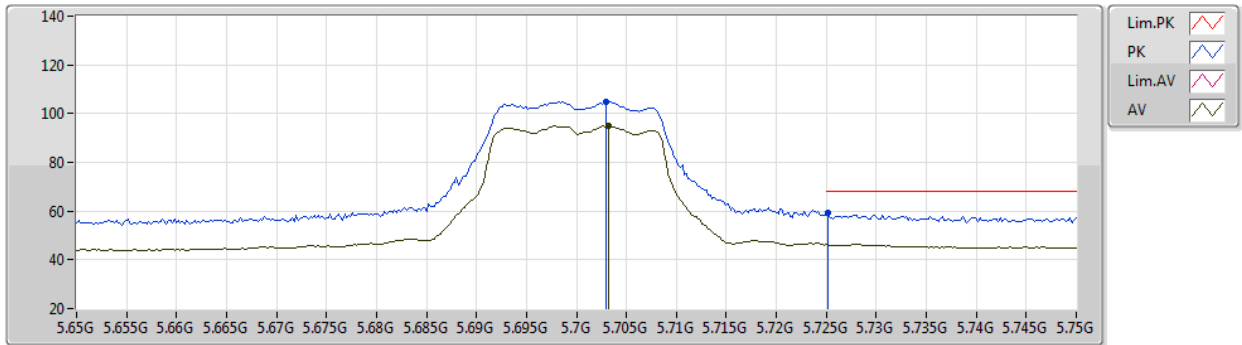
EUT Z_2TX
Setting 23
06-D-S-5

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	11.15452G	55.25	74.00	-18.75	41.58	3	Horizontal	8	1.17	-	39.69	8.16	34.18
AV	11.1644G	42.39	54.00	-11.61	28.73	3	Horizontal	8	1.17	-	39.67	8.17	34.18

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5700MHz_TX



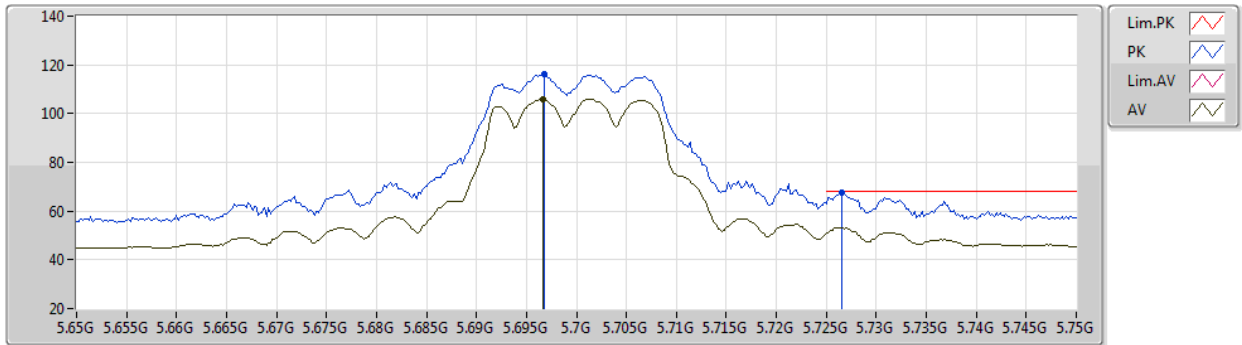
EUT_Z_2TX
Setting 18
06-D-L-2-10

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	5.703G	104.82	Inf	-Inf	99.63	3	Vertical	0	1.83	-	31.71	5.25	31.77
AV	5.7032G	95.06	Inf	-Inf	89.87	3	Vertical	0	1.83	-	31.71	5.25	31.77
PK	5.7252G	59.28	68.20	-8.92	53.98	3	Vertical	0	1.83	-	31.80	5.26	31.76

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5700MHz_TX



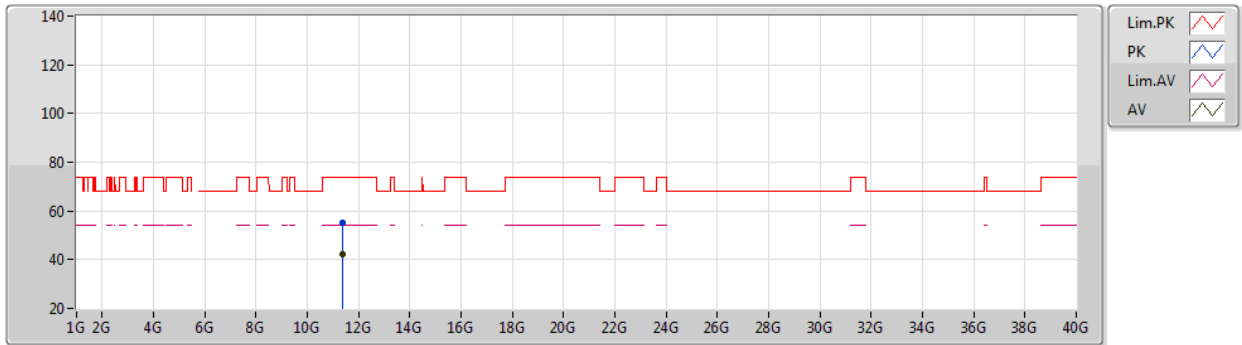
EUT Z_2TX
Setting 18
06-D-L-2-10

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	5.6968G	116.25	Inf	-Inf	111.09	3	Horizontal	288	2.82	-	31.69	5.25	31.78
AV	5.6966G	105.77	Inf	-Inf	100.61	3	Horizontal	288	2.82	-	31.69	5.25	31.78
PK	5.7266G	67.76	68.20	-0.44	62.45	3	Horizontal	288	2.82	-	31.81	5.26	31.76

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5700MHz_TX



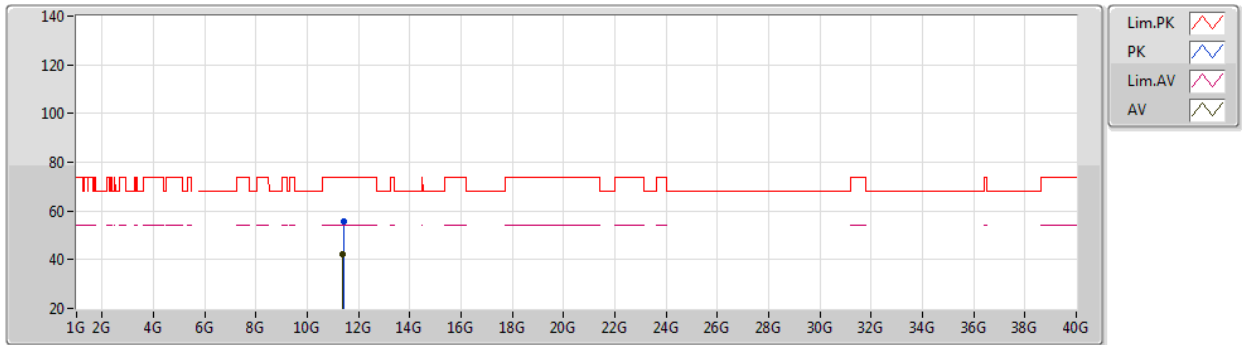
EUT Z_2TX
Setting 18
06-D-S-5

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	11.39732G	55.11	74.00	-18.89	41.26	3	Vertical	301	2.29	-	39.79	8.26	34.20
AV	11.39496G	42.27	54.00	-11.73	28.42	3	Vertical	301	2.29	-	39.79	8.26	34.20

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5700MHz_TX



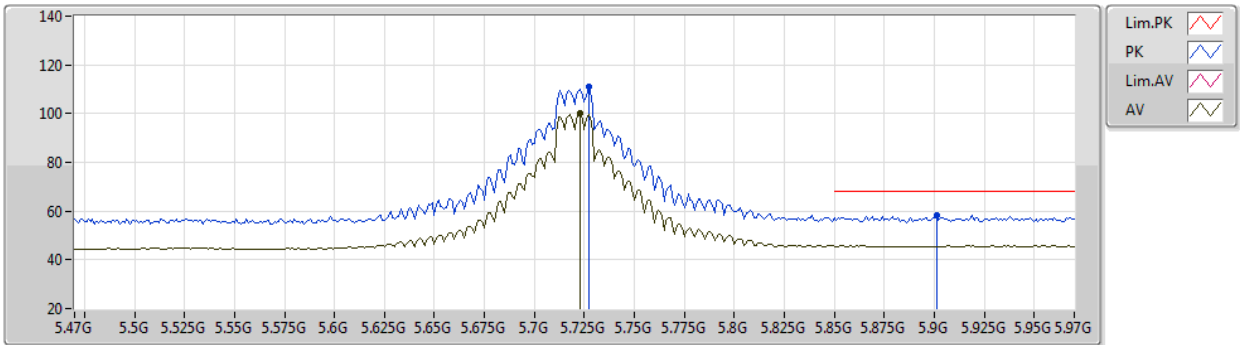
EUT Z_2TX
Setting 18
06-D-S-5

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	11.40476G	55.59	74.00	-18.41	41.72	3	Horizontal	129	2.89	-	39.81	8.26	34.20
AV	11.39712G	42.48	54.00	-11.52	28.63	3	Horizontal	129	2.89	-	39.79	8.26	34.20

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5720MHz Straddle 5.47-5.725GHz_TX



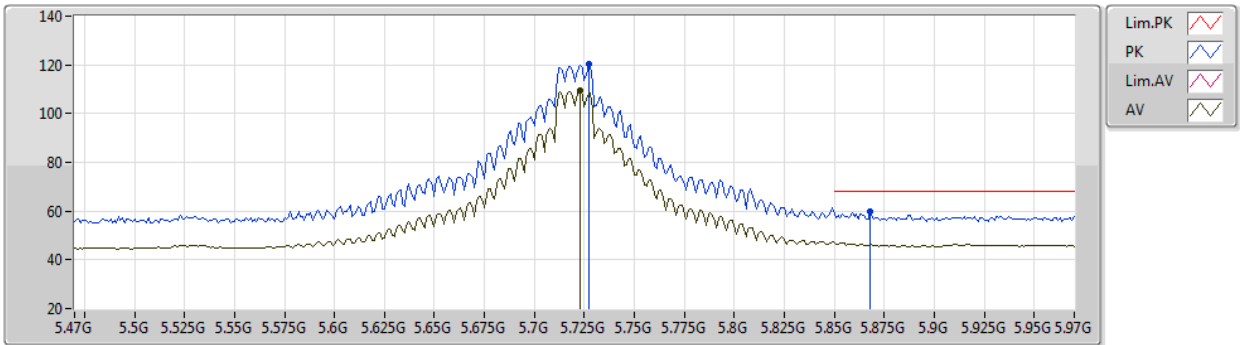
EUT Z_2TX
Setting 23
06-D-L-2-10

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	5.727G	111.09	Inf	-Inf	105.78	3	Vertical	26	1.99	-	31.81	5.26	31.76
AV	5.723G	100.06	Inf	-Inf	94.77	3	Vertical	26	1.99	-	31.79	5.26	31.76
PK	5.901G	58.31	68.20	-9.89	52.29	3	Vertical	26	1.99	-	32.30	5.40	31.68

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5720MHz Straddle 5.47-5.725GHz_TX



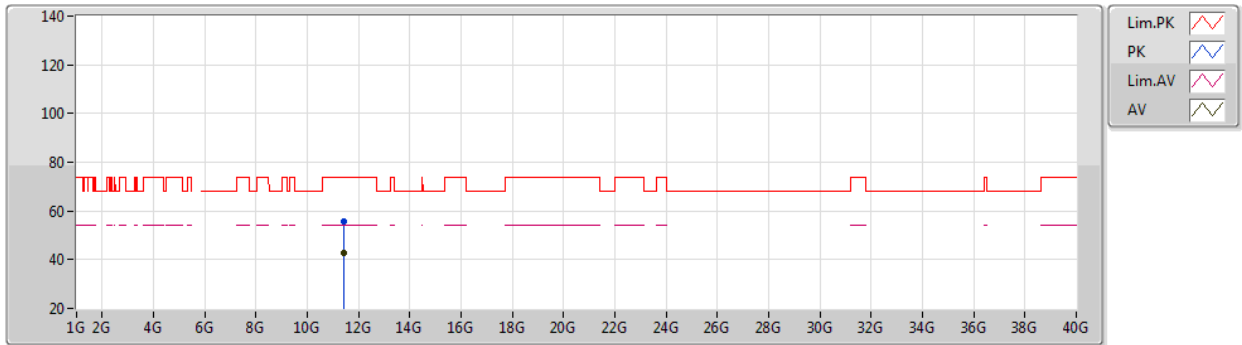
EUT Z_2TX
Setting 23
06-D-L-2-10

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	5.727G	120.23	Inf	-Inf	114.92	3	Horizontal	281	2.27	-	31.81	5.26	31.76
AV	5.723G	109.64	Inf	-Inf	104.35	3	Horizontal	281	2.27	-	31.79	5.26	31.76
PK	5.868G	59.59	68.20	-8.61	53.67	3	Horizontal	281	2.27	-	32.24	5.37	31.69

802.11a_Nss1,(6Mbps)_2TX

11/11/2020

5720MHz Straddle 5.47-5.725GHz_TX



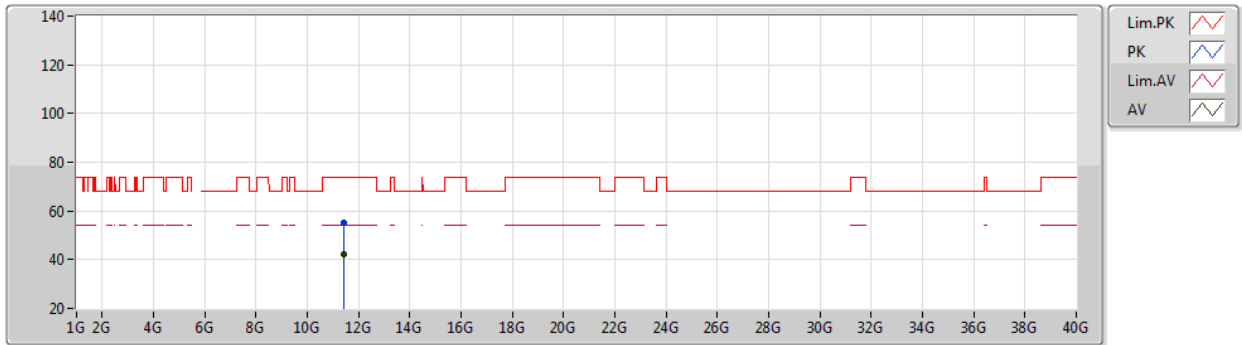
EUT_Z_2TX
Setting 23
06-D-S-5

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	11.44604G	55.47	74.00	-18.53	41.50	3	Vertical	305	1.92	-	39.89	8.28	34.20
AV	11.43768G	42.51	54.00	-11.49	28.55	3	Vertical	305	1.92	-	39.88	8.28	34.20

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

11/11/2020



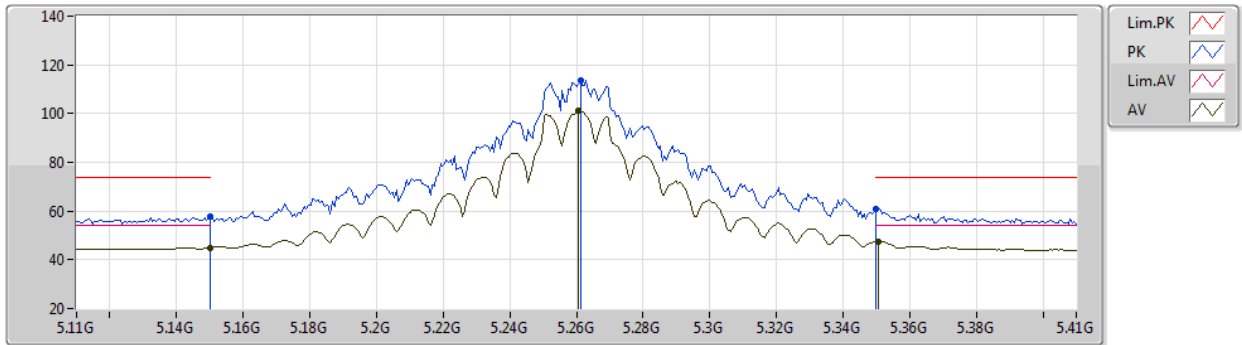
EUT Z_2TX
Setting 23
06-D-S-5

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	11.44284G	55.26	74.00	-18.74	41.29	3	Horizontal	172	1.19	-	39.89	8.28	34.20
AV	11.44836G	42.44	54.00	-11.56	28.46	3	Horizontal	172	1.19	-	39.90	8.28	34.20

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5260MHz_TX



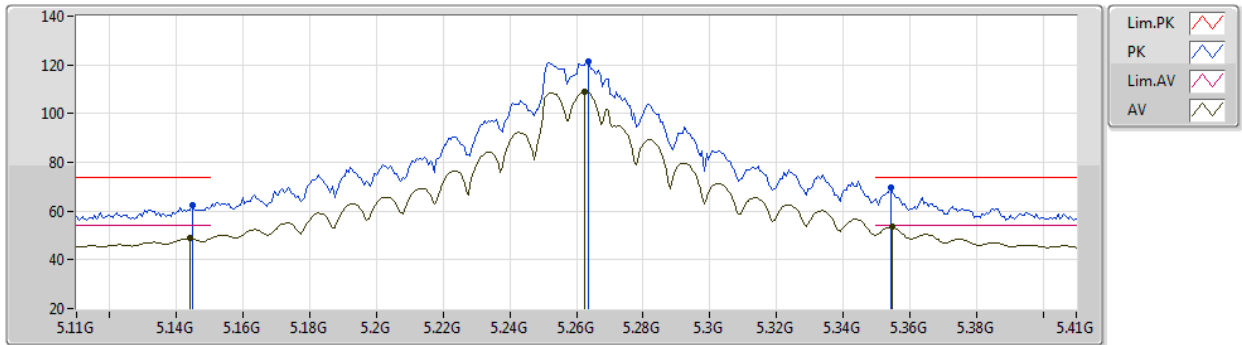
EUT Z_2TX
Setting 23
06-D-L-2-10

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	57.69	74.00	-16.31	52.52	3	Vertical	6	2.46	-	31.80	5.00	31.63
AV	5.15G	44.92	54.00	-9.08	39.75	3	Vertical	6	2.46	-	31.80	5.00	31.63
PK	5.2612G	113.66	Inf	-Inf	109.09	3	Vertical	6	2.46	-	31.28	5.00	31.71
AV	5.2606G	101.13	Inf	-Inf	96.56	3	Vertical	6	2.46	-	31.28	5.00	31.71
PK	5.35G	60.87	74.00	-13.13	56.44	3	Vertical	6	2.46	-	31.20	5.00	31.77
AV	5.3506G	47.66	54.00	-6.34	43.23	3	Vertical	6	2.46	-	31.20	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5260MHz_TX



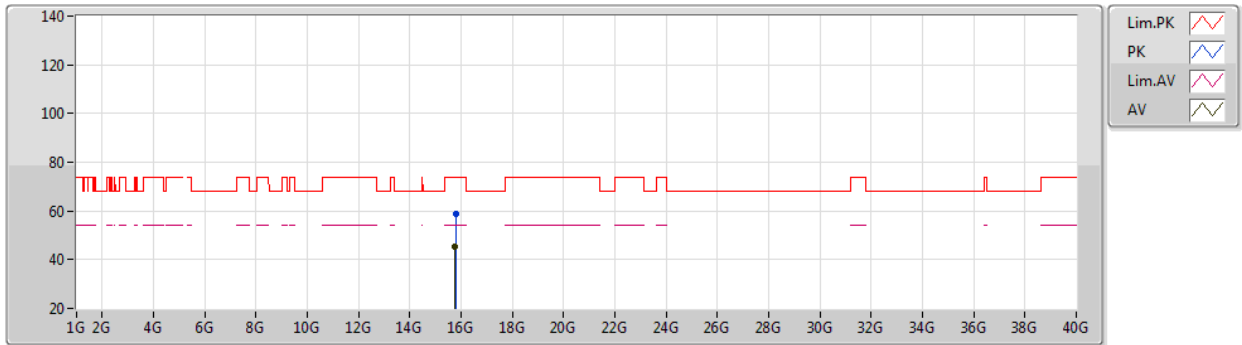
EUT Z_2TX
Setting 23
06-D-L-2-10

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	62.63	74.00	-11.37	57.46	3	Horizontal	282	1.89	-	31.80	5.00	31.63
AV	5.1442G	48.75	54.00	-5.25	43.58	3	Horizontal	282	1.89	-	31.80	5.00	31.63
PK	5.2636G	121.18	Inf	-Inf	116.62	3	Horizontal	282	1.89	-	31.27	5.00	31.71
AV	5.2624G	108.94	Inf	-Inf	104.37	3	Horizontal	282	1.89	-	31.28	5.00	31.71
PK	5.3542G	69.51	74.00	-4.49	65.05	3	Horizontal	282	1.89	-	31.23	5.00	31.77
AV	5.3548G	53.58	54.00	-0.42	49.12	3	Horizontal	282	1.89	-	31.23	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5260MHz_TX



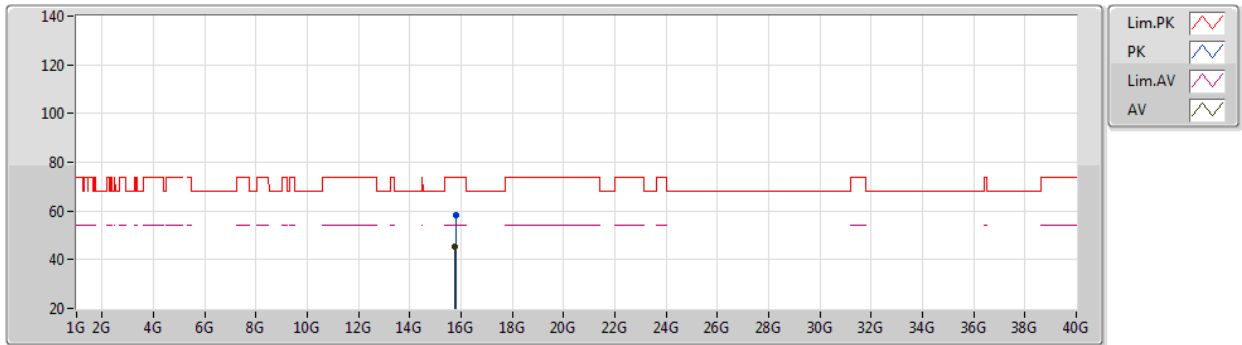
EUT Z_2TX
Setting 23
06-D-S-5

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	15.784G	59.03	74.00	-14.97	44.15	3	Vertical	180	1.53	-	38.48	10.49	34.09
AV	15.77372G	45.58	54.00	-8.42	30.65	3	Vertical	180	1.53	-	38.53	10.49	34.09

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5260MHz_TX



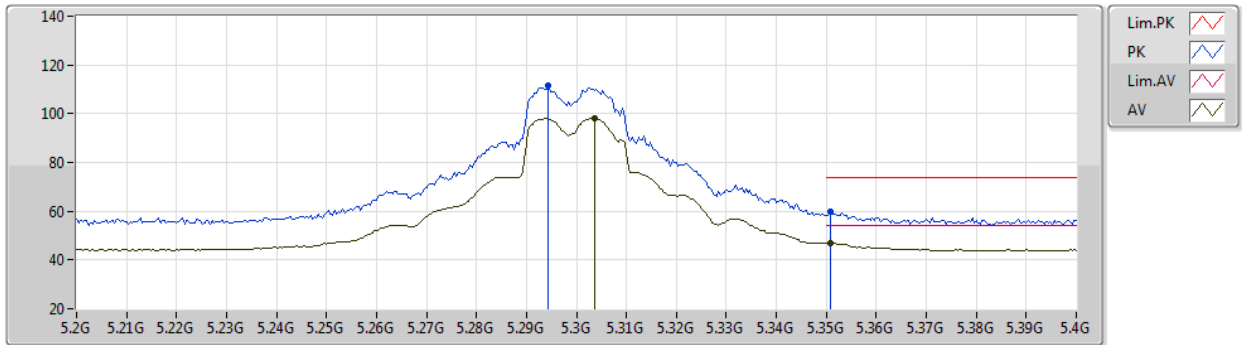
EUT Z_2TX
Setting 23
06-D-S-5

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	15.77904G	58.41	74.00	-15.59	43.51	3	Horizontal	30	2.56	-	38.50	10.49	34.09
AV	15.77116G	45.47	54.00	-8.53	30.53	3	Horizontal	30	2.56	-	38.54	10.49	34.09

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5300MHz_TX



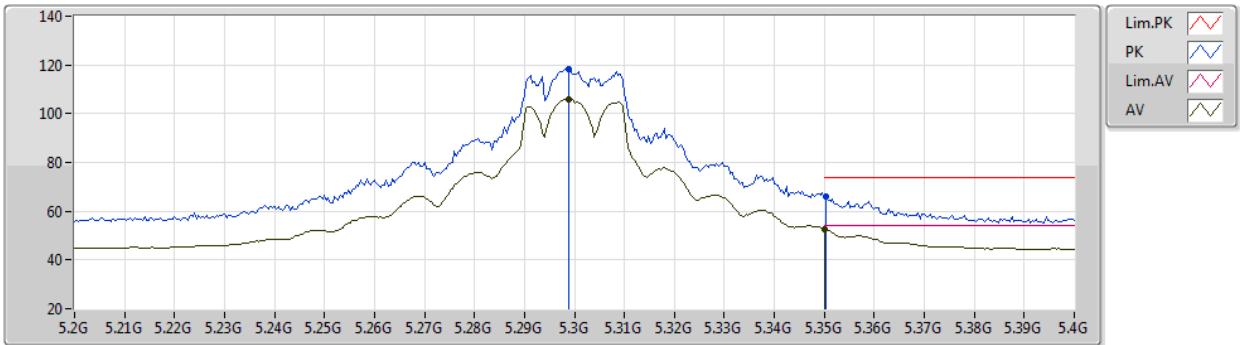
EUT Z_2TX
Setting 21.5
06-D-L-2-10

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	5.2944G	111.34	Inf	-Inf	106.86	3	Vertical	13	1.95	-	31.21	5.00	31.73
AV	5.3036G	98.05	Inf	-Inf	93.59	3	Vertical	13	1.95	-	31.20	5.00	31.74
PK	5.3508G	59.97	74.00	-14.03	55.54	3	Vertical	13	1.95	-	31.20	5.00	31.77
AV	5.3508G	46.94	54.00	-7.06	42.51	3	Vertical	13	1.95	-	31.20	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5300MHz_TX



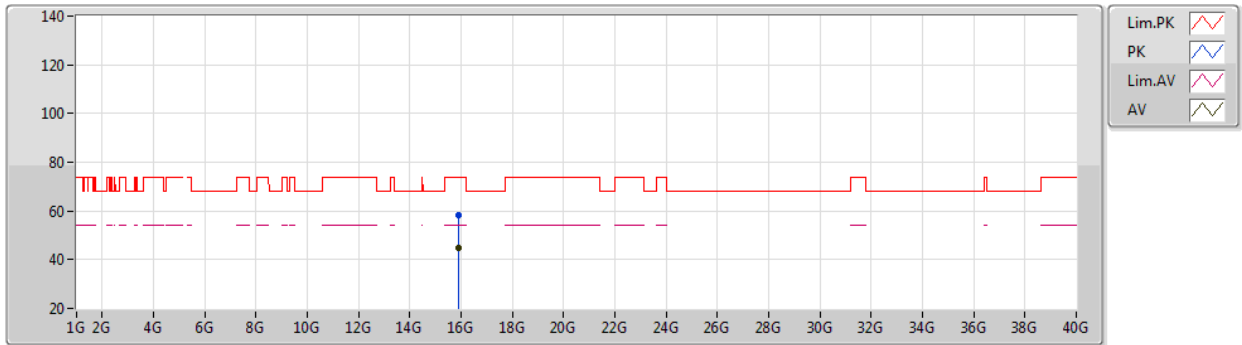
EUT Z_2TX
Setting 21.5
06-D-L-2-10

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	5.2988G	118.43	Inf	-Inf	113.96	3	Horizontal	277	1.79	-	31.20	5.00	31.73	
AV	5.2988G	105.93	Inf	-Inf	101.46	3	Horizontal	277	1.79	-	31.20	5.00	31.73	
PK	5.3504G	65.89	74.00	-8.11	61.46	3	Horizontal	277	1.79	-	31.20	5.00	31.77	
AV	5.35G	52.69	54.00	-1.31	48.26	3	Horizontal	277	1.79	-	31.20	5.00	31.77	

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5300MHz_TX



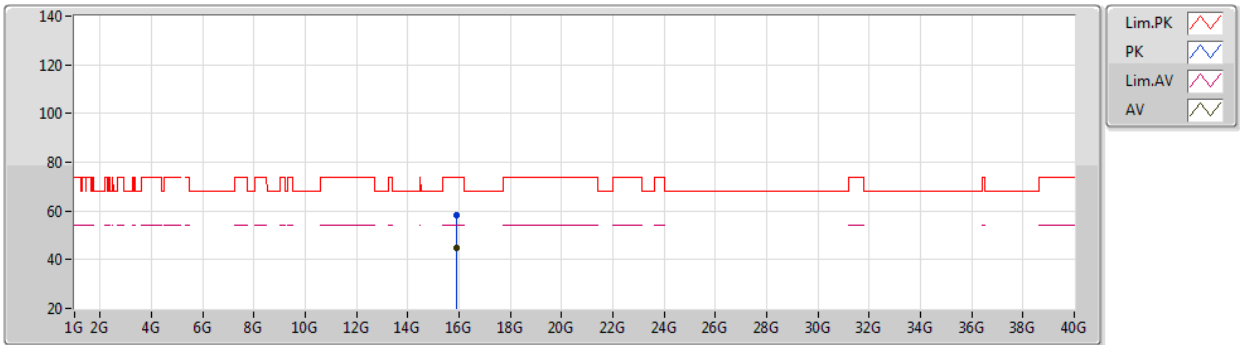
EUT_Z_2TX
Setting 21.5
06-D-S-5

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	15.89768G	58.08	74.00	-15.92	43.51	3	Vertical	230	1.75	-	38.20	10.55	34.18
AV	15.8936G	44.99	54.00	-9.01	30.40	3	Vertical	230	1.75	-	38.21	10.55	34.17

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5300MHz_TX



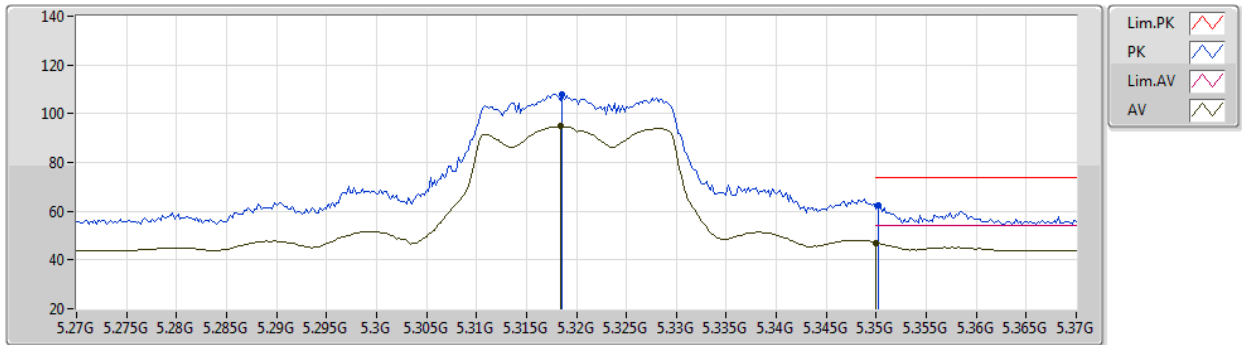
EUT Z_2TX
Setting 21.5
06-D-S-5

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	15.9022G	58.09	74.00	-15.91	43.52	3	Horizontal	191	2.24	-	38.20	10.55	34.18
AV	15.89644G	44.88	54.00	-9.12	30.30	3	Horizontal	191	2.24	-	38.21	10.55	34.18

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5320MHz_TX



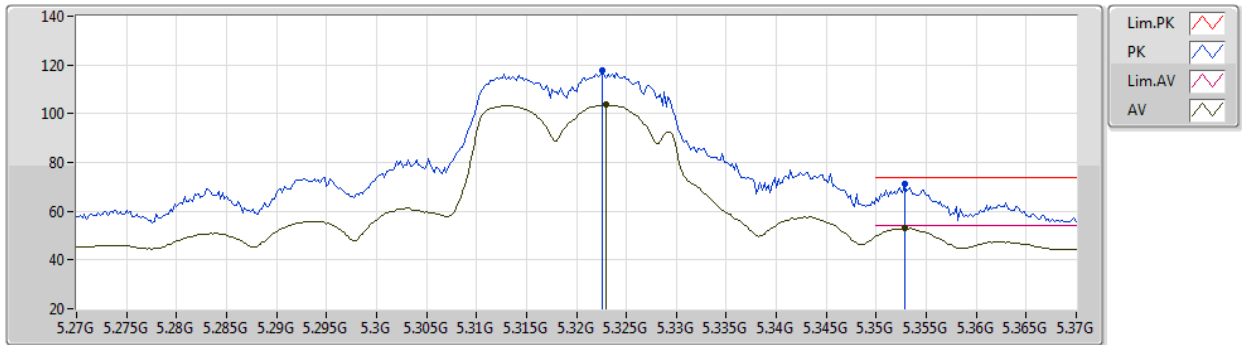
EUT Z_2TX
Setting 19
06-D-L-2-10

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	5.3186G	108.18	Inf	-Inf	103.73	3	Vertical	13	1.95	-	31.20	5.00	31.75
AV	5.3184G	94.82	Inf	-Inf	90.37	3	Vertical	13	1.95	-	31.20	5.00	31.75
PK	5.3502G	62.45	74.00	-11.55	58.02	3	Vertical	13	1.95	-	31.20	5.00	31.77
AV	5.35G	47.10	54.00	-6.90	42.67	3	Vertical	13	1.95	-	31.20	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5320MHz_TX



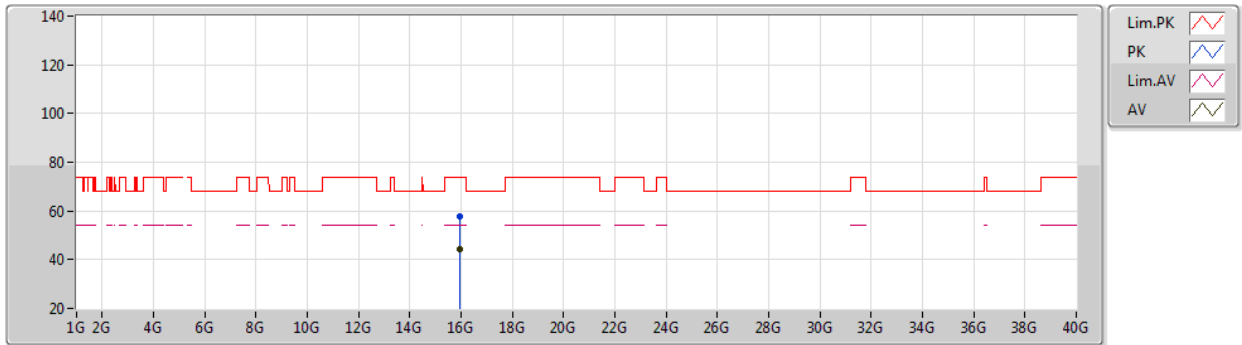
EUT Z_2TX
Setting 19
06-D-L-2-10

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	5.3226G	117.60	Inf	-Inf	113.15	3	Horizontal	284	1.68	-	31.20	5.00	31.75
AV	5.323G	103.60	Inf	-Inf	99.15	3	Horizontal	284	1.68	-	31.20	5.00	31.75
PK	5.3528G	71.03	74.00	-2.97	66.58	3	Horizontal	284	1.68	-	31.22	5.00	31.77
AV	5.3528G	52.89	54.00	-1.11	48.44	3	Horizontal	284	1.68	-	31.22	5.00	31.77

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5320MHz_TX



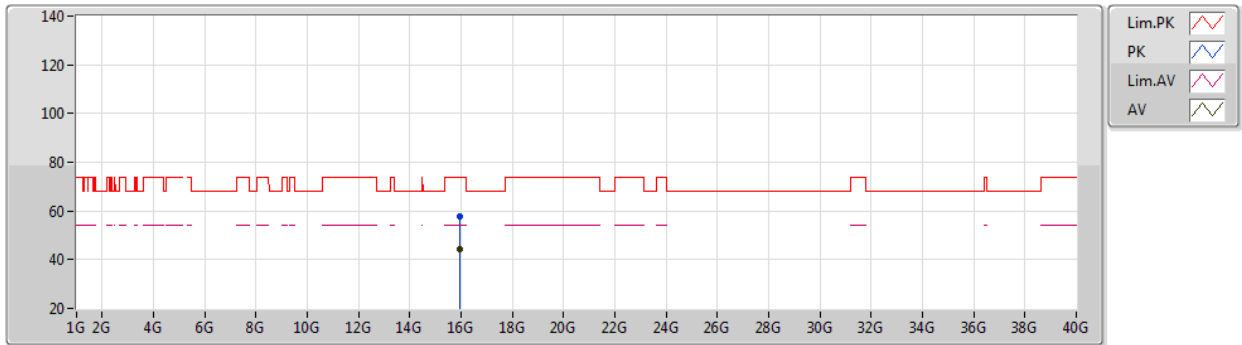
EUT_Z_2TX
Setting 19
06-D-S-5

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	15.96456G	57.67	74.00	-16.33	43.11	3	Vertical	51	1.24	-	38.20	10.58	34.22
AV	15.95172G	44.38	54.00	-9.62	29.82	3	Vertical	51	1.24	-	38.20	10.58	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5320MHz_TX



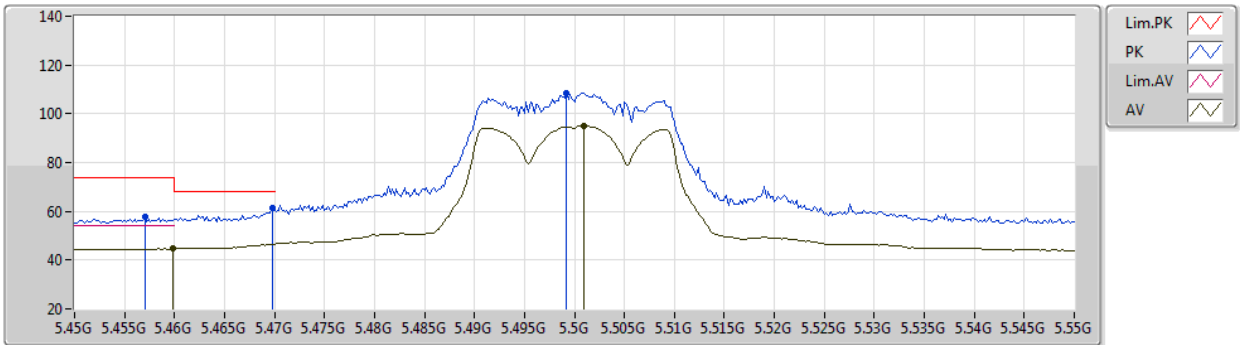
EUT Z_2TX
Setting 19
06-D-S-5

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	15.9552G	57.90	74.00	-16.10	43.34	3	Horizontal	154	1.16	-	38.20	10.58	34.22
AV	15.95644G	44.39	54.00	-9.61	29.83	3	Horizontal	154	1.16	-	38.20	10.58	34.22

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5500MHz_TX



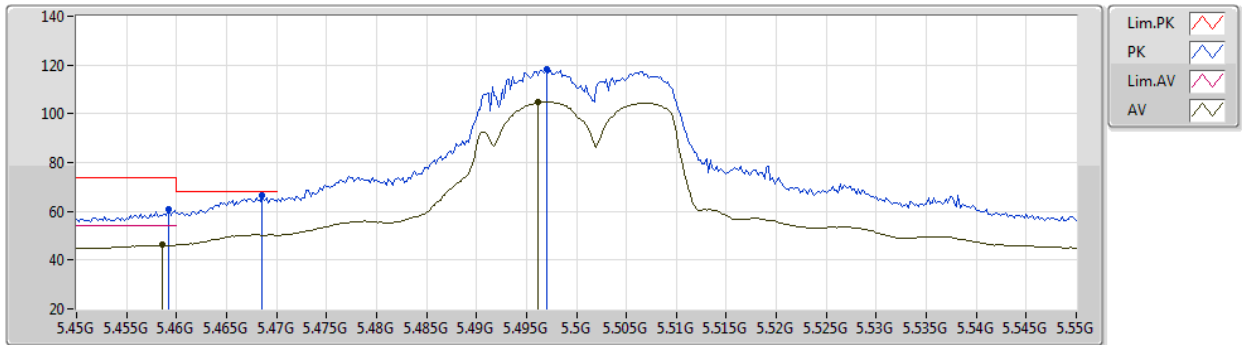
EUT Z_2TX
Setting 19
06-D-L-2-10

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	5.457G	57.51	74.00	-16.49	52.68	3	Vertical	22	2.48	-	31.61	5.06	31.84
AV	5.4598G	44.77	54.00	-9.23	39.93	3	Vertical	22	2.48	-	31.62	5.06	31.84
PK	5.4698G	61.17	68.20	-7.03	56.31	3	Vertical	22	2.48	-	31.64	5.07	31.85
PK	5.4992G	108.54	Inf	-Inf	103.61	3	Vertical	22	2.48	-	31.70	5.10	31.87
AV	5.501G	95.23	Inf	-Inf	90.30	3	Vertical	22	2.48	-	31.70	5.10	31.87

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5500MHz_TX

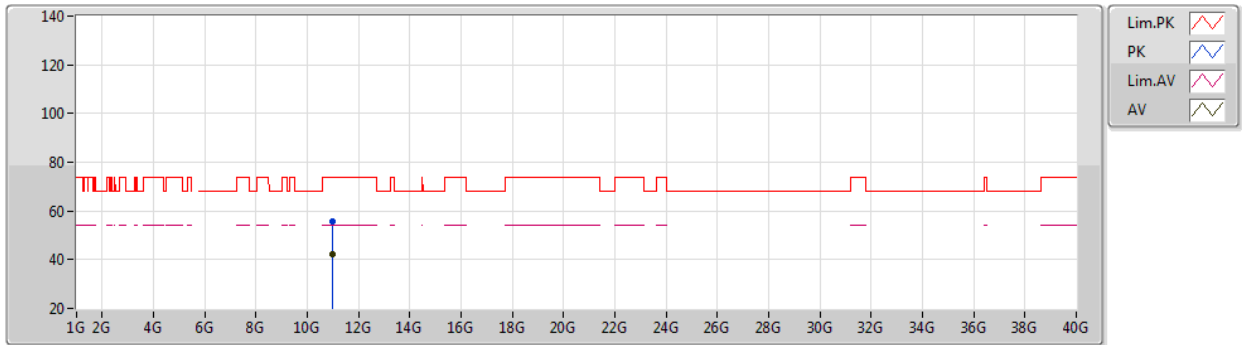

EUT_Z_2TX
Setting 19
06-D-L-2-10

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	5.4592G	60.61	74.00	-13.39	55.77	3	Horizontal	284	2.92	-	31.62	5.06	31.84
AV	5.4586G	46.37	54.00	-7.63	41.53	3	Horizontal	284	2.92	-	31.62	5.06	31.84
PK	5.4686G	66.42	68.20	-1.78	61.56	3	Horizontal	284	2.92	-	31.64	5.07	31.85
PK	5.497G	118.49	Inf	-Inf	113.57	3	Horizontal	284	2.92	-	31.69	5.10	31.87
AV	5.4962G	104.78	Inf	-Inf	99.86	3	Horizontal	284	2.92	-	31.69	5.10	31.87

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5500MHz_TX



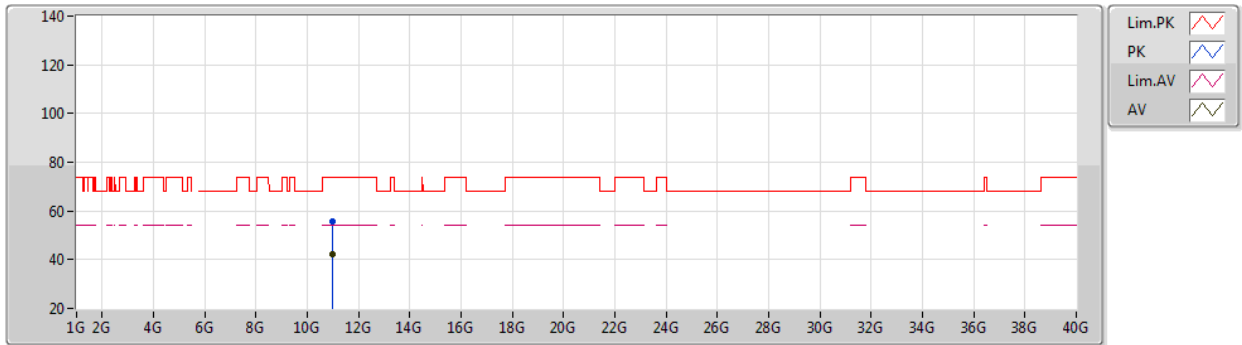
EUT Z_2TX
Setting 19
06-D-S-5

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	10.99696G	55.49	74.00	-18.51	41.35	3	Vertical	262	1.51	-	40.20	8.10	34.16
AV	11.00152G	42.40	54.00	-11.60	28.27	3	Vertical	262	1.51	-	40.19	8.10	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5500MHz_TX



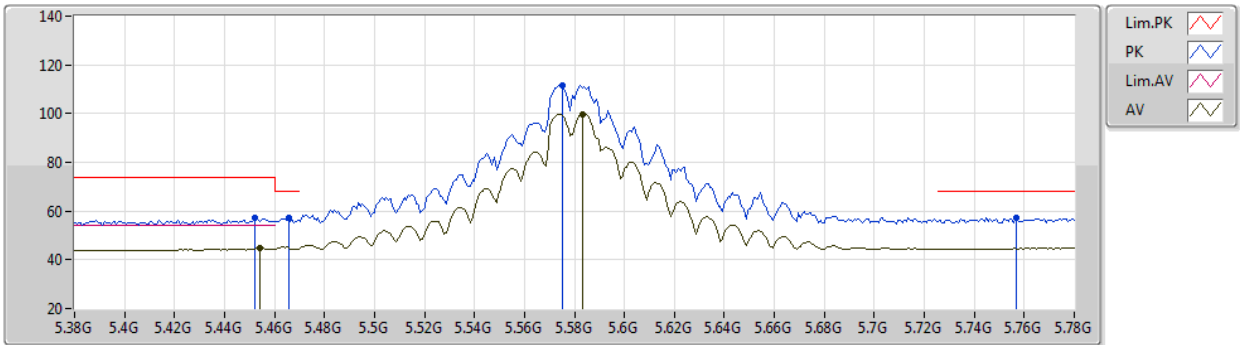
EUT Z_2TX
Setting 19
06-D-S-5

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	10.99812G	55.71	74.00	-18.29	41.57	3	Horizontal	129	1.59	-	40.20	8.10	34.16
AV	10.99832G	42.43	54.00	-11.57	28.29	3	Horizontal	129	1.59	-	40.20	8.10	34.16

802.11ax HEW20_Nss1,(MCS0)_2TX

11/11/2020

5580MHz_TX



EUT Z_2TX
Setting 23
06-D-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	5.452G	57.37	74.00	-16.63	52.56	3	Vertical	13	2.06	-	31.60	5.05	31.84
AV	5.454G	44.74	54.00	-9.26	39.92	3	Vertical	13	2.06	-	31.61	5.05	31.84
PK	5.465G	57.32	68.20	-10.88	52.47	3	Vertical	13	2.06	-	31.63	5.07	31.85
PK	5.575G	111.80	Inf	-Inf	106.95	3	Vertical	13	2.06	-	31.50	5.18	31.83
AV	5.583G	99.85	Inf	-Inf	95.00	3	Vertical	13	2.06	-	31.50	5.18	31.83
PK	5.756G	57.32	68.20	-10.88	51.88	3	Vertical	13	2.06	-	31.91	5.28	31.75