



FCC RADIO TEST REPORT

FCC ID : VW3FAST3896
Equipment : CABLE GATEWAY
Brand Name : SAGEMCOM
Model Name : F@ST3896UM
Applicant : SAGEMCOM BROADBAND SAS
250 Route de l'Empereur - 92848 RUEIL
MALMAISON CEDEX- FRANCE
Manufacturer : SAGEMCOM BROADBAND SAS
250 Route de l'Empereur - 92848 RUEIL
MALMAISON CEDEX- FRANCE
Standard : 47 CFR FCC Part 15.407

The product was received on Dec. 19, 2019, and testing was started from Dec. 24, 2019 and completed on Jan. 07, 2020. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this 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: Cliff Chang

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 Ver1.0



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	-
3.3	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: Wendy Pan



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]
5150-5350	ac (VHT160), ax (HEW160)	5250	50 [1]
5470-5725		5570	114 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11ac VHT160	160	4TX
5.15-5.25GHz	802.11ac VHT160-BF	160	4TX
5.15-5.25GHz	802.11ax HEW160	160	4TX
5.15-5.25GHz	802.11ax HEW160-BF	160	4TX
5.25-5.35GHz	802.11a	20	4TX
5.25-5.35GHz	802.11n HT20	20	4TX
5.25-5.35GHz	802.11n HT20-BF	20	4TX
5.25-5.35GHz	802.11ac VHT20	20	4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	4TX
5.25-5.35GHz	802.11ax HEW20	20	4TX
5.25-5.35GHz	802.11ax HEW20-BF	20	4TX
5.25-5.35GHz	802.11n HT40	40	4TX
5.25-5.35GHz	802.11n HT40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT40	40	4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	4TX
5.25-5.35GHz	802.11ax HEW40	40	4TX
5.25-5.35GHz	802.11ax HEW40-BF	40	4TX
5.25-5.35GHz	802.11ac VHT80	80	4TX
5.25-5.35GHz	802.11ac VHT80-BF	80	4TX
5.25-5.35GHz	802.11ax HEW80	80	4TX
5.25-5.35GHz	802.11ax HEW80-BF	80	4TX
5.25-5.35GHz	802.11ac VHT160	160	4TX
5.25-5.35GHz	802.11ac VHT160-BF	160	4TX



5.25-5.35GHz	802.11ax HEW160	160	4TX
5.25-5.35GHz	802.11ax HEW160-BF	160	4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11ax HEW20	20	4TX
5.47-5.725GHz	802.11ax HEW20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.47-5.725GHz	802.11ax HEW40	40	4TX
5.47-5.725GHz	802.11ax HEW40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT80	80	4TX
5.47-5.725GHz	802.11ac VHT80-BF	80	4TX
5.47-5.725GHz	802.11ax HEW80	80	4TX
5.47-5.725GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11ac VHT160	160	4TX
5.47-5.725GHz	802.11ac VHT160-BF	160	4TX
5.47-5.725GHz	802.11ax HEW160	160	4TX
5.47-5.725GHz	802.11ax HEW160-BF	160	4TX
5.725-5.85GHz	802.11a	20	4TX
5.725-5.85GHz	802.11n HT20	20	4TX
5.725-5.85GHz	802.11n HT20-BF	20	4TX
5.725-5.85GHz	802.11ac VHT20	20	4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	4TX
5.725-5.85GHz	802.11ax HEW20	20	4TX
5.725-5.85GHz	802.11ax HEW20-BF	20	4TX
5.725-5.85GHz	802.11n HT40	40	4TX
5.725-5.85GHz	802.11n HT40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT40	40	4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11ax HEW40	40	4TX
5.725-5.85GHz	802.11ax HEW40-BF	40	4TX
5.725-5.85GHz	802.11ac VHT80	80	4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	4TX
5.725-5.85GHz	802.11ax HEW80	80	4TX
5.725-5.85GHz	802.11ax HEW80-BF	80	4TX



Note:

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

**1.1.2 Antenna Information****<Antenna gain>**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	
						2.4GHz	5GHz
1	1	WANSIH	UC6WFI0107A	Dipole Antenna	I-PEX	3.32	4.98
2	2	WANSIH	UC6WFI0108A	Dipole Antenna	I-PEX		
3	3	WANSIH	UC6WFI0109A	Dipole Antenna	I-PEX		
4	4	WANSIH	UC6WFI0110A	Dipole Antenna	I-PEX		

<Correlated gain>

Correlated TX / Streams	Gain (dBi)				
	2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
4T1S (Ant. 1/2/3/4)	6.21	7.36	6.94	7.39	7.39

Note: The above information was declared by manufacturer.

For 2.4GHz function:**For IEEE 802.11b/g/n/VHT/ax (4TX/4RX):**

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

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

For 5GHz function:**For IEEE 802.11a/n/ac/ax (4TX/4RX):**

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

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

**1.1.3 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.948	0.23	2.068m	1k
802.11ac VHT20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.947	0.24	2.928m	1k
802.11ac VHT40	0.964	0.16	775u	3k
802.11ac VHT40-BF	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT80	0.932	0.31	405u	3k
802.11ac VHT80-BF	0.956	0.2	4.147m	300
802.11ac VHT160	0.888	0.52	233.75u	10k
802.11ac VHT160-BF	0.965	0.15	5.359m	300
802.11ax HEW20	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW20-BF	0.947	0.24	2.928m	1k
802.11ax HEW40	0.964	0.16	775u	3k
802.11ax HEW40-BF	0.981	0.08	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW80	0.932	0.31	405u	3k
802.11ax HEW80-BF	0.956	0.2	4.147m	300
802.11ax HEW160	0.888	0.52	233.75u	10k
802.11ax HEW160-BF	0.965	0.15	5.359m	300

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz.			
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
Test Software Version	MTool 3.1.0.1			

Note: The above information was declared by manufacturer.



1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR9N2622AB

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. Adding 802.11ac 160MHz and 802.11ax 160MHz Mode.	2. Maximum Conducted Output Power.
	3. Peak Power Spectral Density.
	4. Unwanted Emissions above 1GHz.



1.2 Applicable Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH02-CB	Brian Sun	17.7-18.7°C / 56-60%	Jan. 04, 2020 ~ Jan. 07, 2020
Radiated	03CH04-CB	Zero Chen	17.9-18.7°C / 66-70%	Dec. 24, 2019 ~ Dec. 25, 2019

Test site Designation No. TW0006 with FCC.

Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

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



2 Test Configuration of EUT

2.1 Test Channel Mode

Mode
802.11a_Nss1,(6Mbps)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11ac VHT20_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11ac VHT40_Nss1,(MCS0)_4TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11ac VHT80_Nss1,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11ac VHT160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz



Mode
802.11ac VHT20-BF_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11ac VHT40-BF_Nss1,(MCS0)_4TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11ac VHT80-BF_Nss1,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11ac VHT160-BF_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11ax HEW20_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11ax HEW40_Nss1,(MCS0)_4TX
5270MHz
5310MHz
5510MHz



Mode
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11ax HEW80_Nss1,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11ax HEW160_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz
5570MHz
802.11ax HEW20-BF_Nss1,(MCS0)_4TX
5260MHz
5300MHz
5320MHz
5500MHz
5580MHz
5700MHz
5720MHz Straddle 5.47-5.725GHz
5720MHz Straddle 5.725-5.85GHz
802.11ax HEW40-BF_Nss1,(MCS0)_4TX
5270MHz
5310MHz
5510MHz
5550MHz
5670MHz
5710MHz Straddle 5.47-5.725GHz
5710MHz Straddle 5.725-5.85GHz
802.11ax HEW80-BF_Nss1,(MCS0)_4TX
5290MHz
5530MHz
5610MHz
5690MHz Straddle 5.47-5.725GHz
5690MHz Straddle 5.725-5.85GHz
802.11ax HEW160-BF_Nss1,(MCS0)_4TX
5250MHz Straddle 5.15-5.25GHz
5250MHz Straddle 5.25-5.35GHz



Mode
5570MHz

Note:

- ♦ There are two modes of EUT, one is beamforming mode, and the other is Non-beamforming mode for n/VHT/ax in 2.4GHz and n/ac/ax in 5GHz. Beamforming mode and Non-beamforming mode has 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

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

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
Refer to Sporton Test Report No.: FA9N2622-01 for Co-location RF Exposure Evaluation.	

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



2.3 EUT Operation during Test

<non-beamforming mode>

The EUT was programmed to be in continuously transmitting mode.

<beamforming mode>

For Conducted Mode:

The EUT was programmed to be in continuously transmitting mode.

For Radiated Mode:

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

The program was executed as follows:

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

2.4 Accessories

Power	Brand	Model	Rating
Adapter 1	NetBit	NBS42E120350VU	Input: 100-120V~50/60Hz 1.0A Output: 12V, 3.5A
Adapter 2	MOSO	MSG-V3500AR120-042A0-US	Input: 100-120V~50/60Hz 1.2A Max. Output: 12.0V, 3.5A



2.5 Support Equipment

For Radiated:

<non-beamforming mode>

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

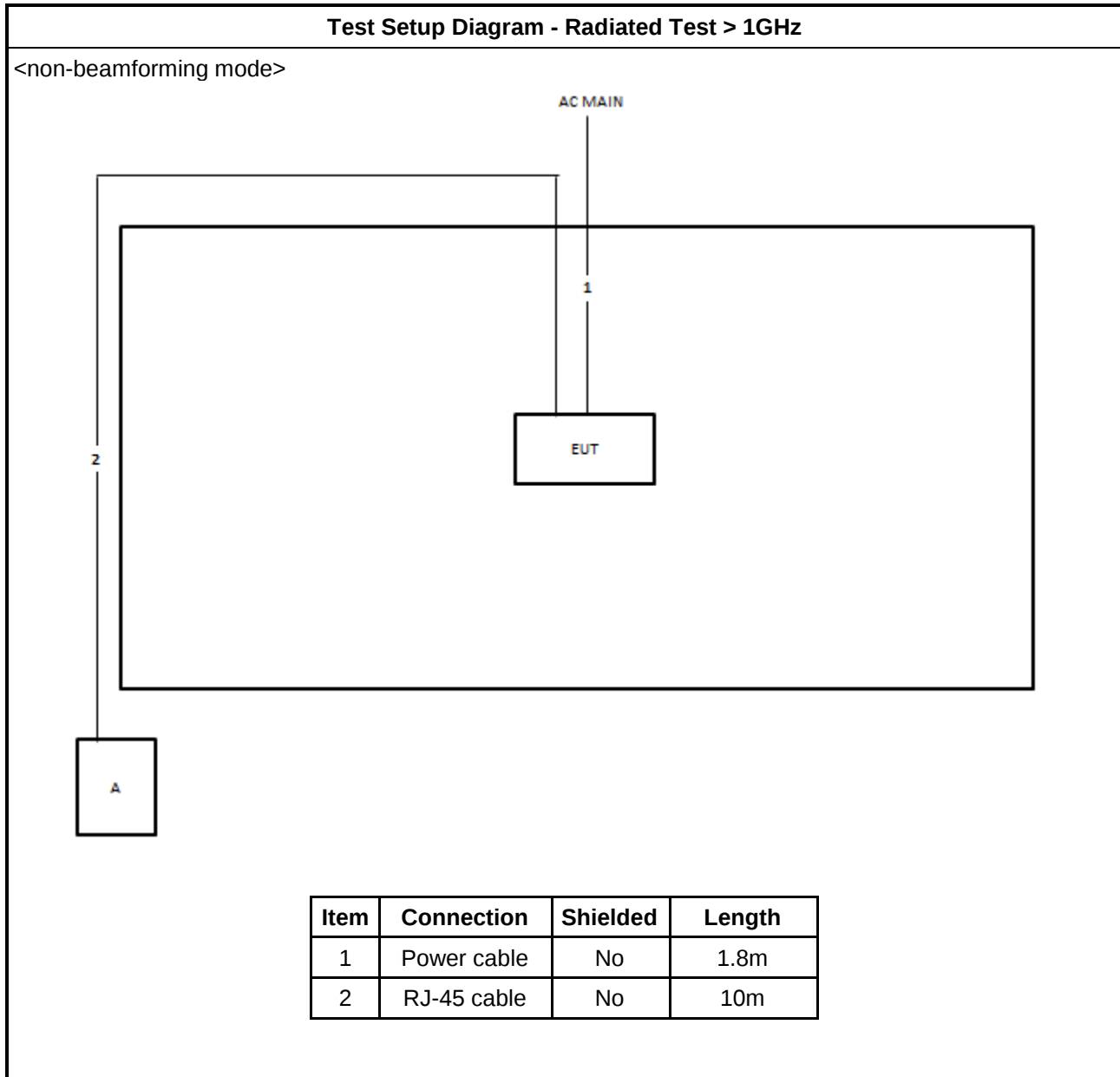
<beamforming mode>

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

For RF Conducted:

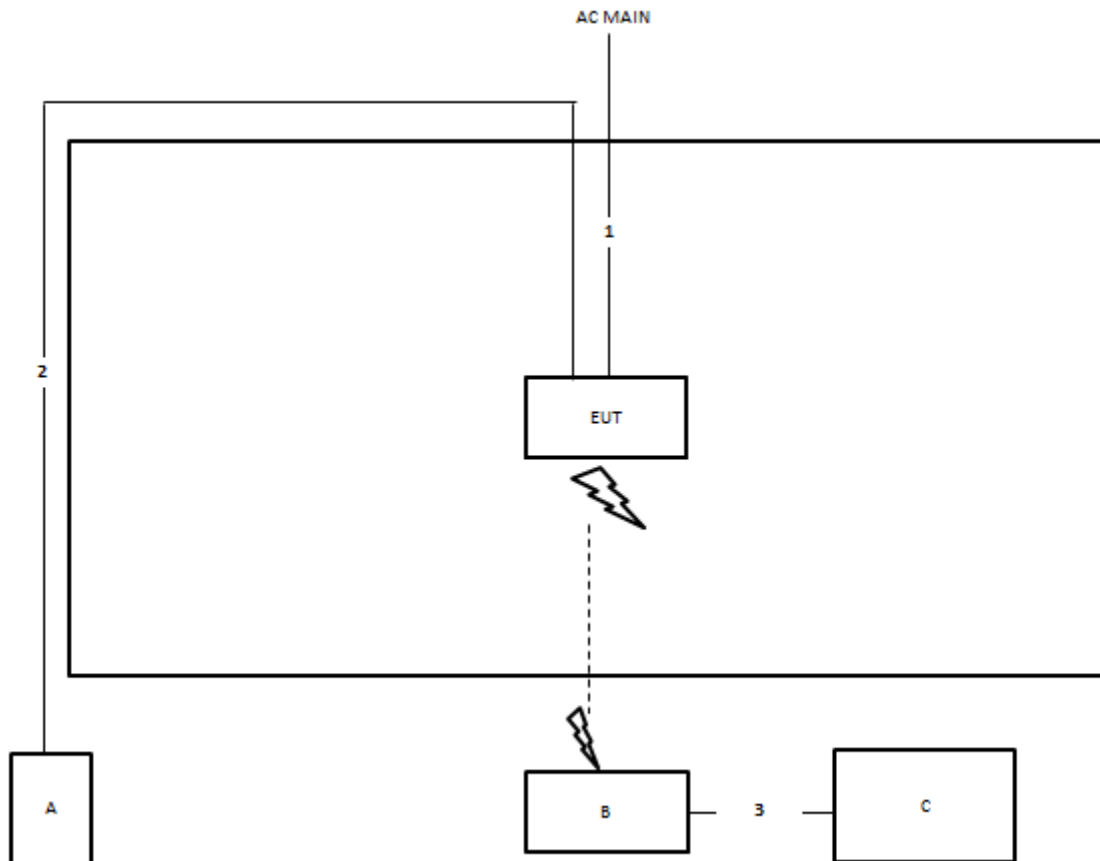
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test > 1GHz

<beamforming mode>



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

3 Transmitter Test Result

3.1 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.

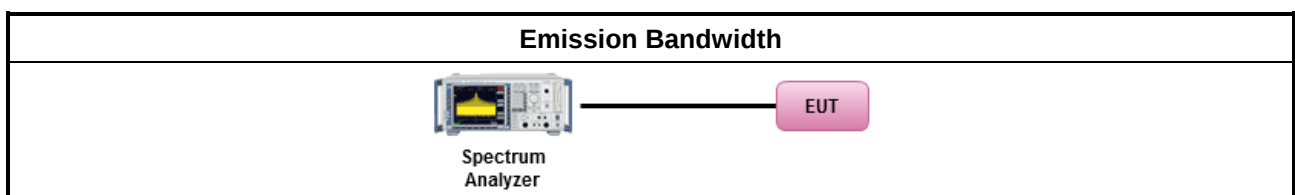
3.1.2 Measuring Instruments

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

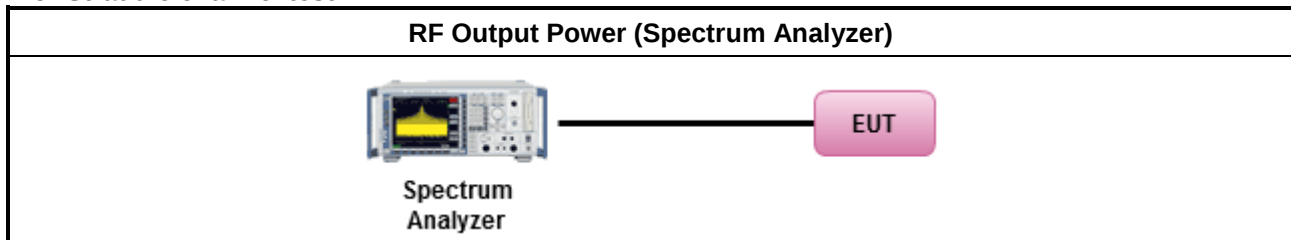
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

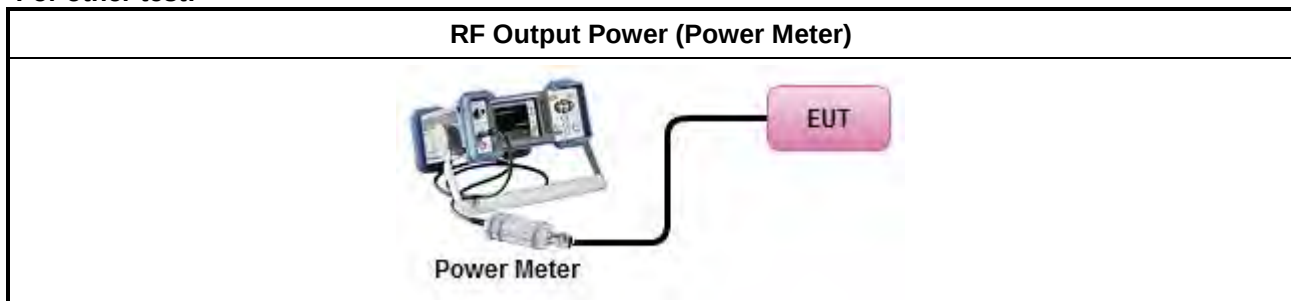
Test Method	
Maximum Conducted Output Power	
Average over on/off periods with duty factor	
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
Wideband RF power meter and average over on/off 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 test:



For other test:



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.	



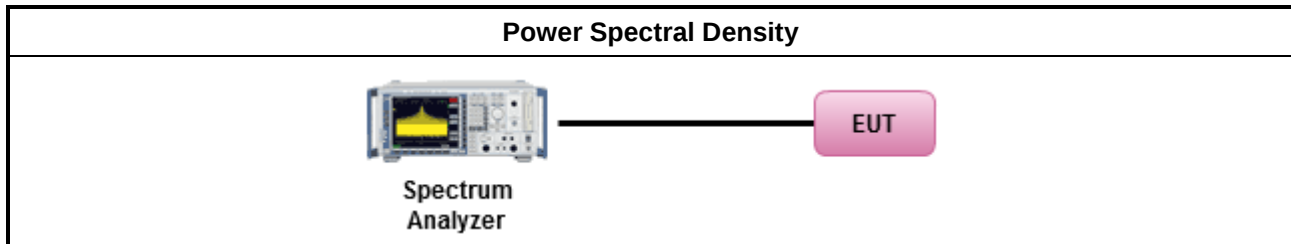
3.3.2 Measuring Instruments

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, F5) 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).

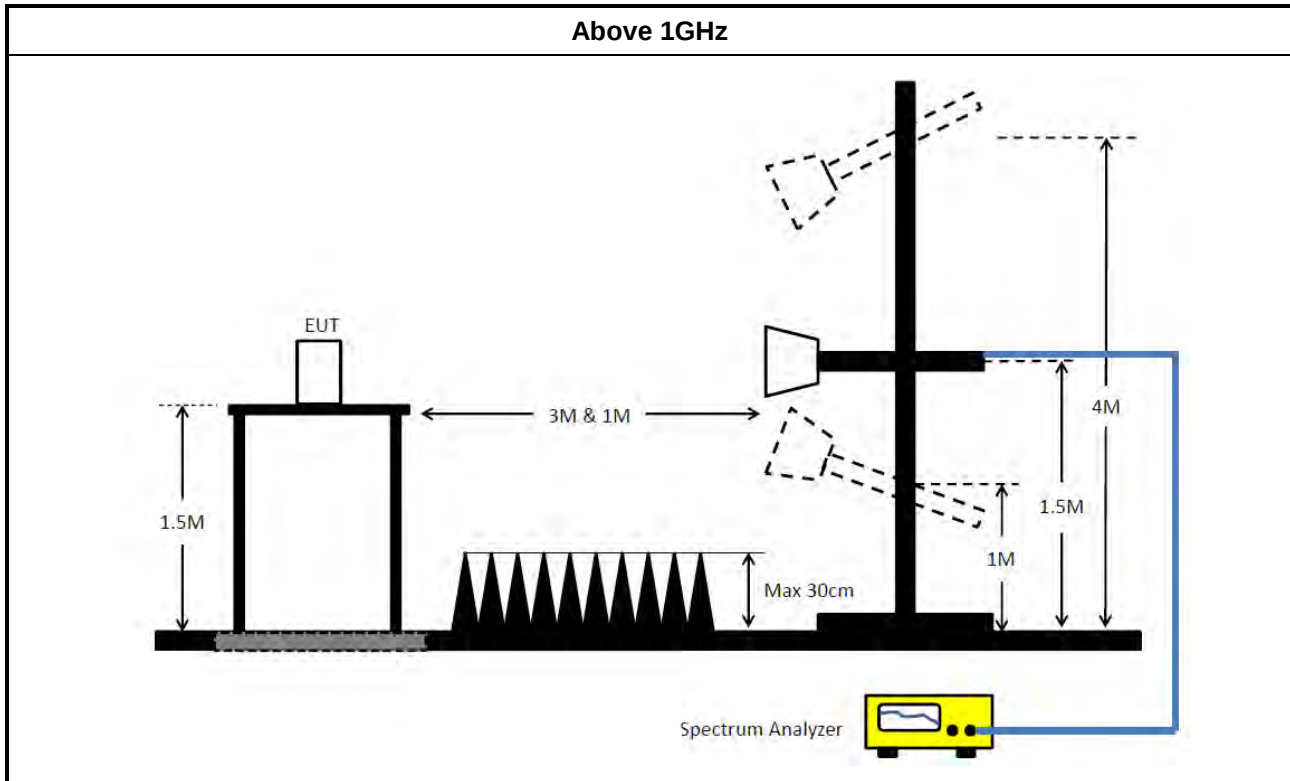
3.4.2 Measuring Instruments

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 + Cable Loss + Read Level - Preamp Factor = Level.

lowest frequency generated within the device, up to the 10 harmonic or 40 GHz, whichever is appropriate.

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D



4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	ETS • Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2019	Jan. 23, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH03-CB)
Horn Antenna	ETS • Lindgren	3115	00143147	750MHz~18GHz	Oct. 22, 2019	Oct. 21, 2020	Radiation (03CH04-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 12, 2019	Jun. 11, 2020	Radiation (03CH04-CB)
Pre-Amplifier	Agilent	83017A	MY53270063	0.5GHz ~ 26.5GHz	Mar. 19, 2019	Mar. 18, 2020	Radiation (03CH04-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH04-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Dec. 18, 2019	Dec. 17, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-21+22	1GHz - 18GHz	Oct. 07, 2019	Oct. 06, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH04-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 11, 2019	Sep. 10, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 07, 2019	Oct. 06, 2020	Conducted (TH02-CB)

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	82.2M	77.841M	77M8D1D	81.48M	77.481M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.32M	77.961M	78M0D1D	81.36M	77.361M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.33M	16.822M	16M8D1D	21.12M	16.642M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.63M	19.1M	19M1D1D	21.24M	19.01M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.14M	37.601M	37M6D1D	39.9M	37.481M
802.11ax HEW80_Nss1,(MCS0)_4TX	81.96M	77.121M	77M1D1D	81.72M	76.882M
802.11ax HEW160_Nss1,(MCS0)_4TX	82.8M	77.961M	78M0D1D	82.32M	77.601M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.63M	19.13M	19M1D1D	21.3M	18.981M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.26M	37.601M	37M6D1D	39.78M	37.481M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.32M	77.121M	77M1D1D	81.96M	77.001M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	82.8M	77.961M	78M0D1D	82.32M	77.601M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	21.36M	16.822M	16M8D1D	15.523M	13.346M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.57M	19.13M	19M1D1D	15.698M	13.923M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.14M	37.601M	37M6D1D	34.913M	33.508M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.2M	77.121M	77M1D1D	75.795M	73.046M
802.11ax HEW160_Nss1,(MCS0)_4TX	165.36M	155.202M	155MD1D	164.4M	154.963M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.63M	19.1M	19M1D1D	15.645M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	40.14M	37.601M	37M6D1D	34.913M	33.583M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	82.32M	77.121M	77M1D1D	75.718M	73.046M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	165.6M	155.442M	155MD1D	164.16M	154.963M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	3.225M	4.273M	4M27D1D	3.135M	4.138M
802.11ax HEW20_Nss1,(MCS0)_4TX	4.515M	4.783M	4M78D1D	4.455M	4.663M
802.11ax HEW40_Nss1,(MCS0)_4TX	3.78M	4.078M	4M08D1D	3.675M	4.048M
802.11ax HEW80_Nss1,(MCS0)_4TX	3.795M	4.153M	4M15D1D	3.3M	4.093M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.515M	4.753M	4M75D1D	4.425M	4.648M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.75M	4.078M	4M08D1D	3.495M	4.063M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.795M	4.153M	4M15D1D	3.285M	4.093M

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)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.12M	16.672M	21.24M	16.672M	21.24M	16.792M	21.21M	16.762M
5300MHz	Pass	Inf	21.18M	16.642M	21.21M	16.672M	21.3M	16.822M	21.21M	16.762M
5320MHz	Pass	Inf	21.18M	16.672M	21.12M	16.702M	21.33M	16.792M	21.18M	16.762M
5500MHz	Pass	Inf	21.3M	16.642M	21.36M	16.732M	21.27M	16.822M	21.12M	16.702M
5580MHz	Pass	Inf	21.18M	16.642M	21.33M	16.792M	21.33M	16.792M	21.18M	16.702M
5700MHz	Pass	Inf	21.12M	16.642M	21.36M	16.762M	21.3M	16.792M	21.12M	16.702M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.558M	13.346M	15.733M	13.433M	15.645M	13.398M	15.523M	13.346M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.15M	4.138M	3.225M	4.198M	3.135M	4.273M	3.15M	4.228M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.6M	19.1M	21.48M	19.04M	21.45M	19.04M	21.24M	19.01M
5300MHz	Pass	Inf	21.63M	19.1M	21.54M	19.04M	21.39M	19.07M	21.3M	19.01M
5320MHz	Pass	Inf	21.6M	19.1M	21.45M	19.04M	21.3M	19.04M	21.48M	19.01M
5500MHz	Pass	Inf	21.57M	19.13M	21.57M	19.04M	21.36M	19.07M	21.33M	19.01M
5580MHz	Pass	Inf	21.54M	19.07M	21.54M	19.04M	21.21M	19.07M	21.36M	19.04M
5700MHz	Pass	Inf	21.57M	19.1M	21.45M	19.04M	21.36M	19.07M	21.42M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.733M	13.941M	15.75M	13.923M	15.733M	13.941M	15.698M	13.923M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.5M	4.783M	4.455M	4.708M	4.515M	4.738M	4.485M	4.663M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.02M	37.601M	40.02M	37.481M	39.9M	37.481M	40.08M	37.541M
5310MHz	Pass	Inf	40.08M	37.601M	39.96M	37.541M	39.9M	37.481M	40.14M	37.541M
5510MHz	Pass	Inf	40.08M	37.541M	40.08M	37.541M	39.9M	37.601M	40.08M	37.541M
5550MHz	Pass	Inf	40.14M	37.481M	40.02M	37.601M	40.02M	37.541M	40.08M	37.481M
5670MHz	Pass	Inf	40.08M	37.481M	40.02M	37.541M	39.84M	37.541M	39.9M	37.481M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.025M	33.508M	35.063M	33.583M	34.913M	33.583M	35.138M	33.546M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.78M	4.078M	3.765M	4.063M	3.675M	4.078M	3.75M	4.048M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.72M	76.882M	81.72M	77.001M	81.96M	77.121M	81.96M	77.121M
5530MHz	Pass	Inf	81.84M	77.121M	81.96M	77.001M	82.2M	77.001M	81.96M	77.121M
5610MHz	Pass	Inf	81.6M	77.001M	82.08M	77.001M	81.96M	77.121M	82.08M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.795M	73.123M	76.028M	73.123M	75.873M	73.046M	75.873M	73.046M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.75M	4.093M	3.3M	4.093M	3.78M	4.123M	3.795M	4.153M
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.96M	77.841M	82.2M	77.481M	81.6M	77.721M	81.48M	77.601M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.8M	77.961M	82.32M	77.601M	82.56M	77.841M	82.68M	77.721M
5570MHz	Pass	Inf	164.88M	155.202M	165.36M	155.202M	164.4M	154.963M	164.64M	154.963M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.63M	19.13M	21.42M	19.07M	21.45M	19.04M	21.3M	18.981M
5300MHz	Pass	Inf	21.6M	19.1M	21.57M	19.07M	21.33M	19.07M	21.36M	18.981M
5320MHz	Pass	Inf	21.54M	19.1M	21.42M	19.04M	21.45M	19.04M	21.33M	19.01M
5500MHz	Pass	Inf	21.51M	19.1M	21.57M	19.07M	21.39M	19.04M	21.45M	18.981M
5580MHz	Pass	Inf	21.6M	19.1M	21.63M	19.04M	21.27M	19.04M	21.36M	19.01M
5700MHz	Pass	Inf	21.63M	19.07M	21.48M	19.04M	21.42M	19.04M	21.48M	19.01M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.75M	14.5M	15.715M	14.535M	15.645M	14.483M	15.768M	14.5M

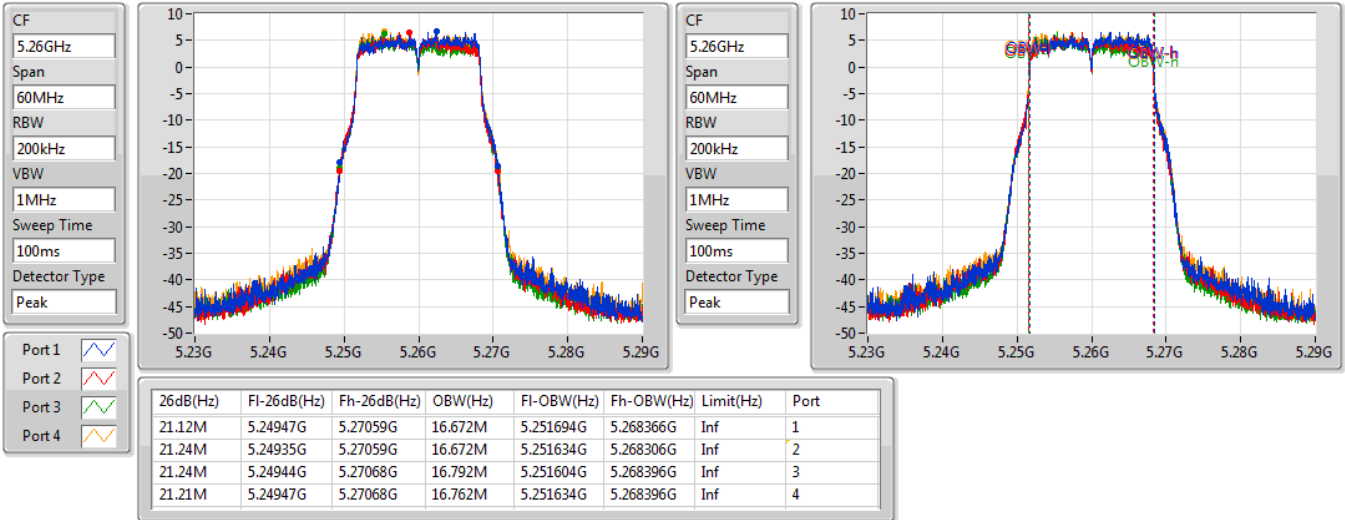
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.515M	4.753M	4.455M	4.678M	4.515M	4.693M	4.425M	4.648M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.96M	37.541M	40.08M	37.541M	39.9M	37.481M	40.26M	37.541M
5310MHz	Pass	Inf	39.78M	37.541M	39.96M	37.481M	39.9M	37.541M	39.96M	37.601M
5510MHz	Pass	Inf	40.08M	37.541M	40.02M	37.601M	39.84M	37.541M	40.08M	37.541M
5550MHz	Pass	Inf	40.08M	37.481M	40.02M	37.601M	39.84M	37.541M	40.14M	37.481M
5670MHz	Pass	Inf	40.14M	37.481M	40.02M	37.541M	39.9M	37.541M	40.08M	37.541M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.063M	33.583M	35.063M	33.658M	34.913M	33.583M	35.138M	33.621M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.69M	4.078M	3.69M	4.063M	3.495M	4.078M	3.75M	4.063M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.96M	77.001M	81.96M	77.001M	82.2M	77.001M	82.32M	77.121M
5530MHz	Pass	Inf	81.96M	77.121M	81.84M	77.001M	82.08M	77.001M	82.08M	77.121M
5610MHz	Pass	Inf	81.96M	77.121M	81.96M	77.001M	82.32M	77.121M	81.84M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.718M	73.123M	76.105M	73.046M	75.873M	73.123M	75.873M	73.046M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.75M	4.093M	3.285M	4.093M	3.795M	4.138M	3.75M	4.153M
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.96M	77.961M	82.32M	77.361M	81.72M	77.721M	81.36M	77.481M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	82.8M	77.961M	82.32M	77.601M	82.44M	77.841M	82.56M	77.721M
5570MHz	Pass	Inf	164.88M	155.202M	165.6M	155.442M	164.64M	154.963M	164.16M	155.442M

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

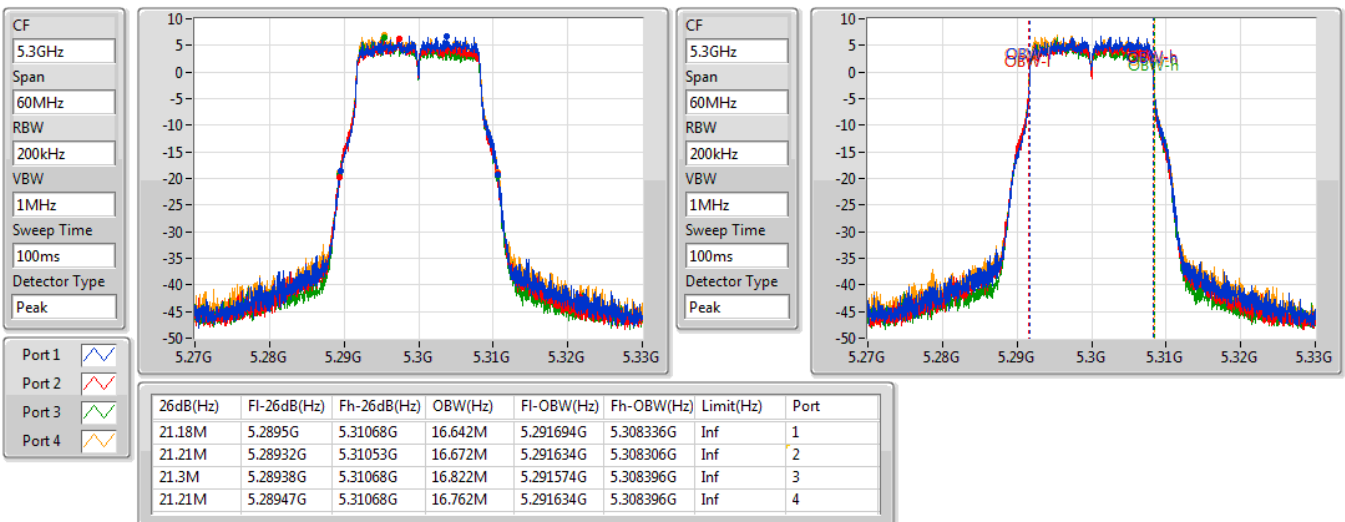
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_4TX
EBW
5260MHz

04/01/2020

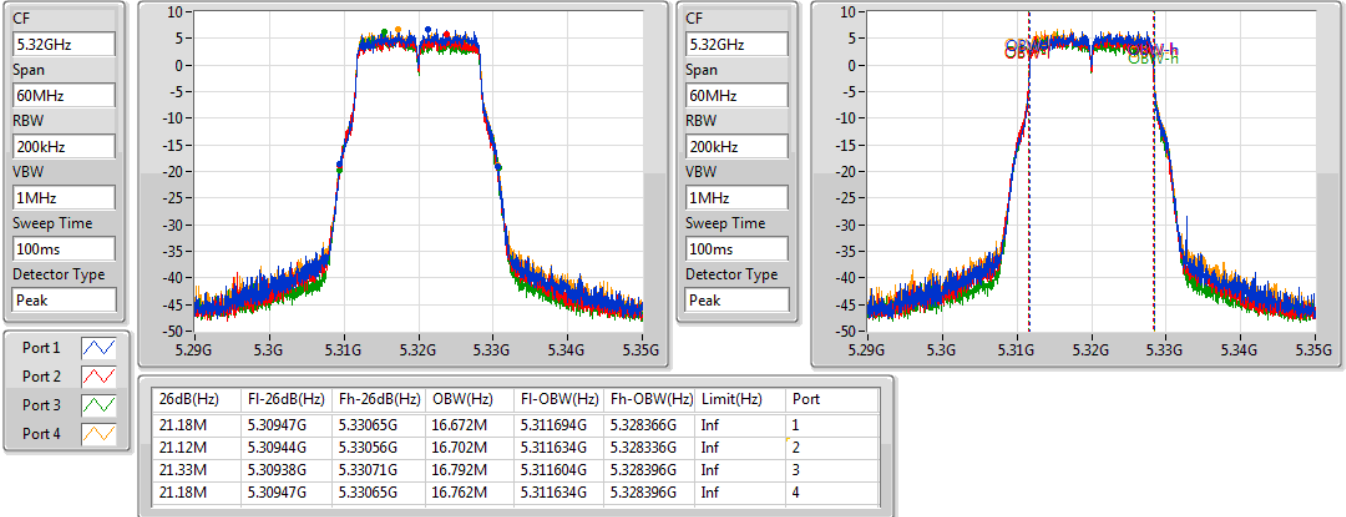

802.11a_Nss1,(6Mbps)_4TX
EBW
5300MHz

04/01/2020

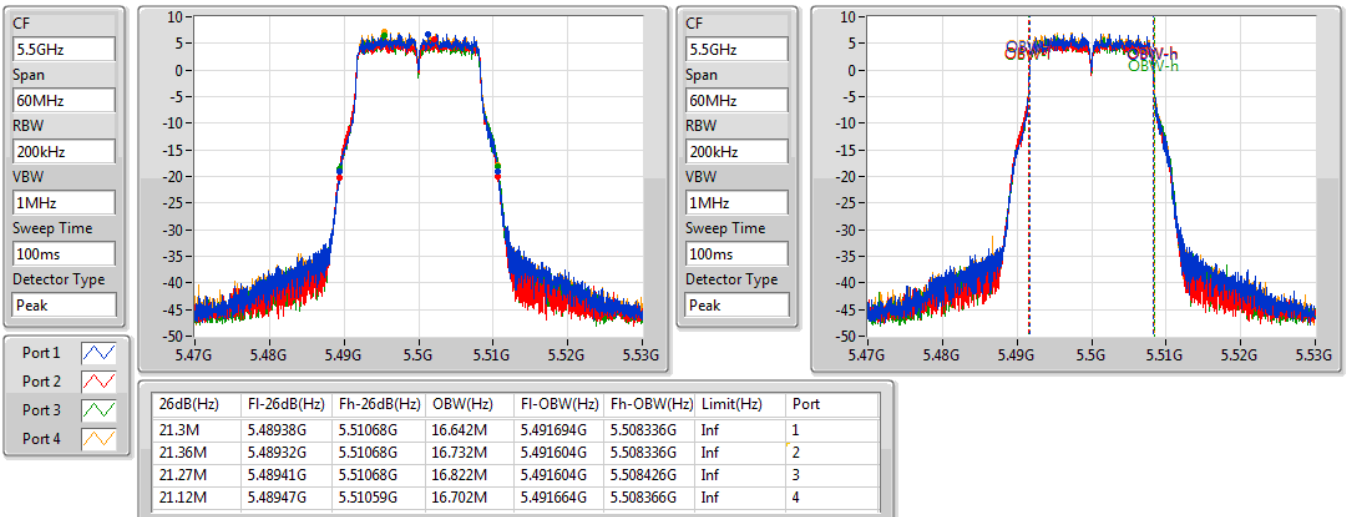


802.11a_Nss1,(6Mbps)_4TX
EBW
5320MHz

04/01/2020

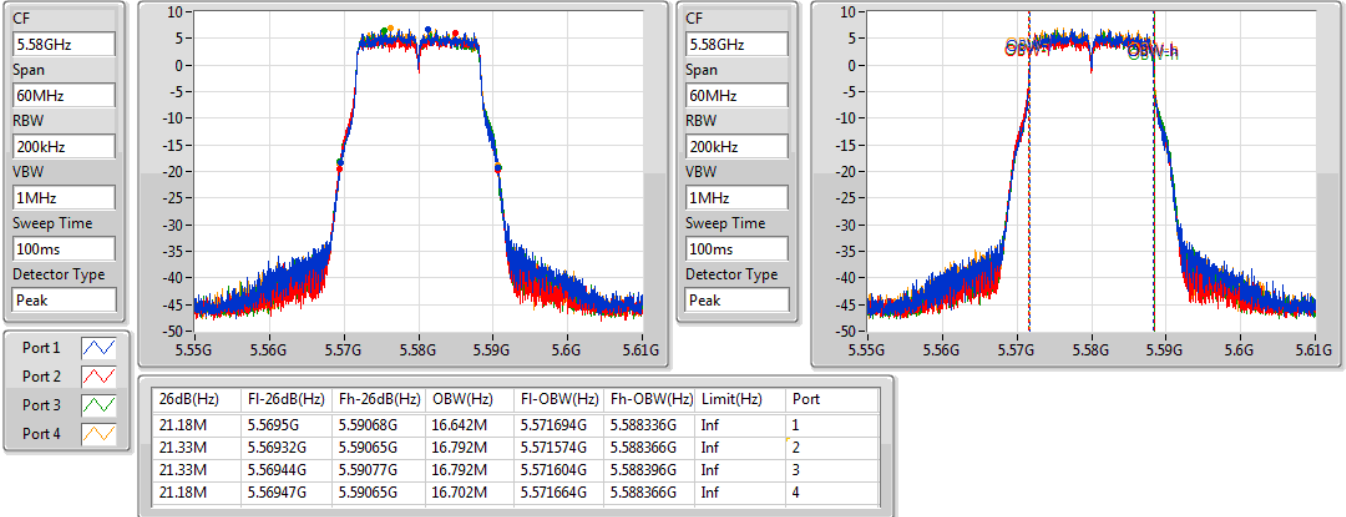

802.11a_Nss1,(6Mbps)_4TX
EBW
5500MHz

04/01/2020

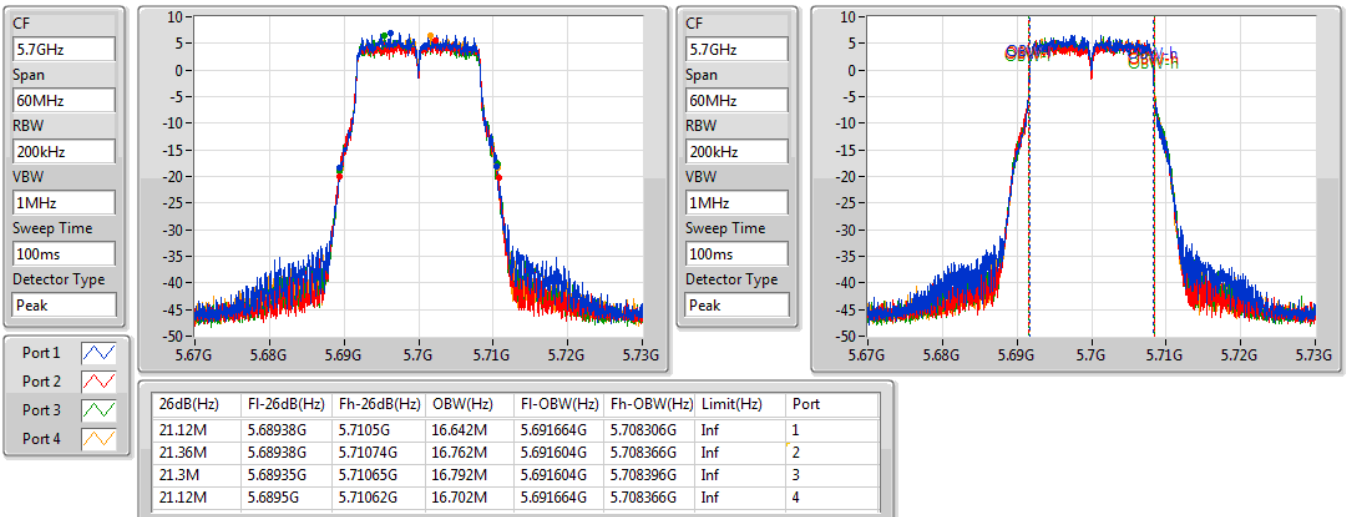


802.11a_Nss1,(6Mbps)_4TX
EBW
5580MHz

04/01/2020

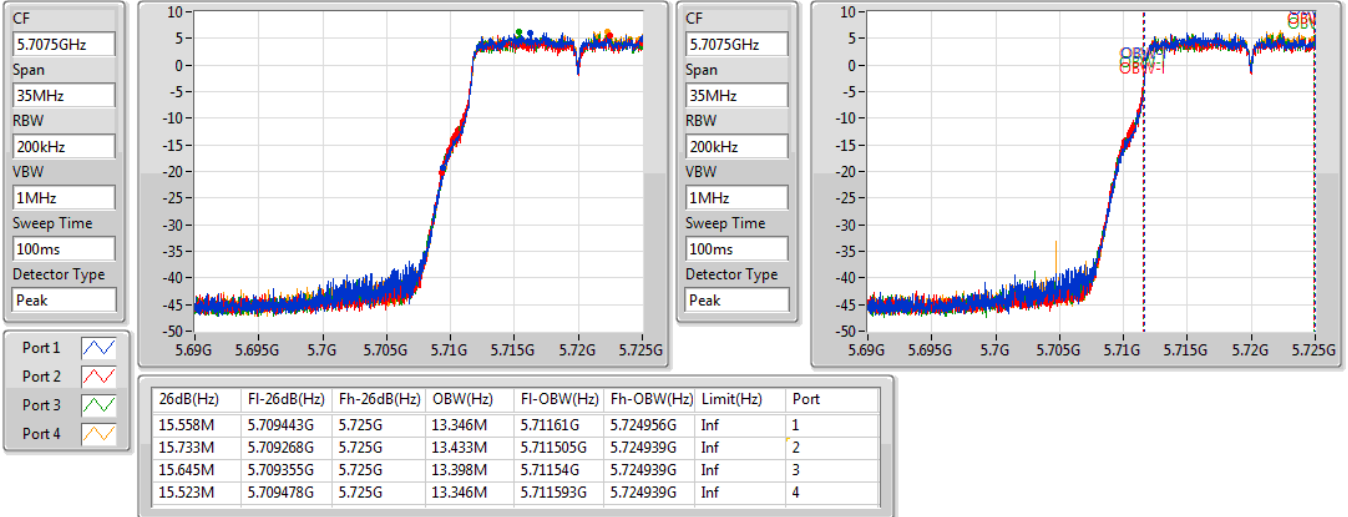

802.11a_Nss1,(6Mbps)_4TX
EBW
5700MHz

04/01/2020

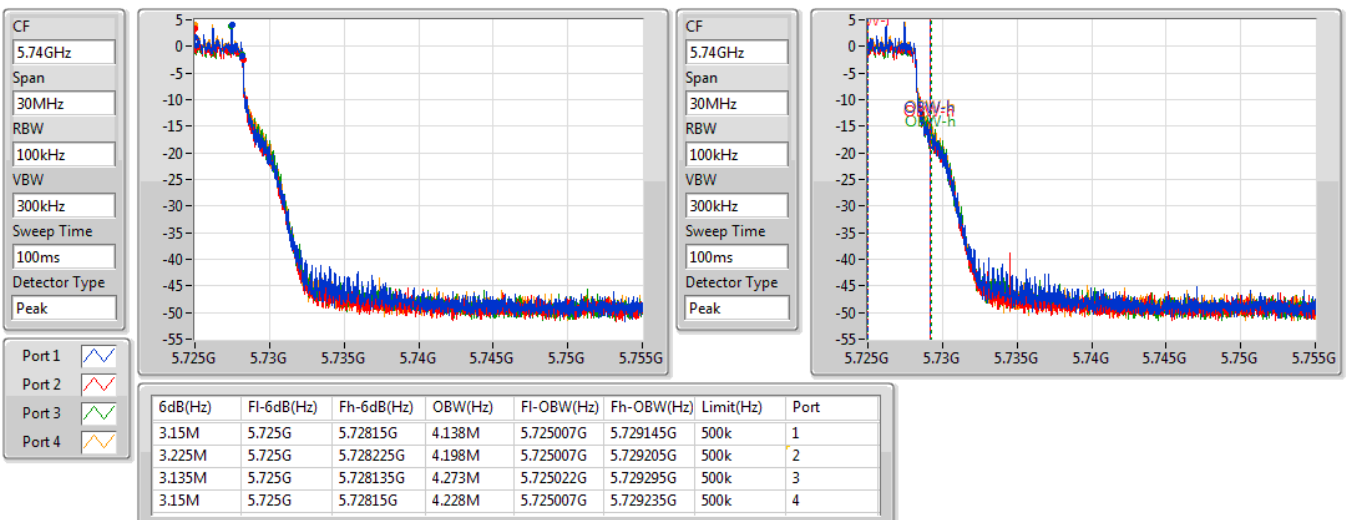


802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

07/01/2020

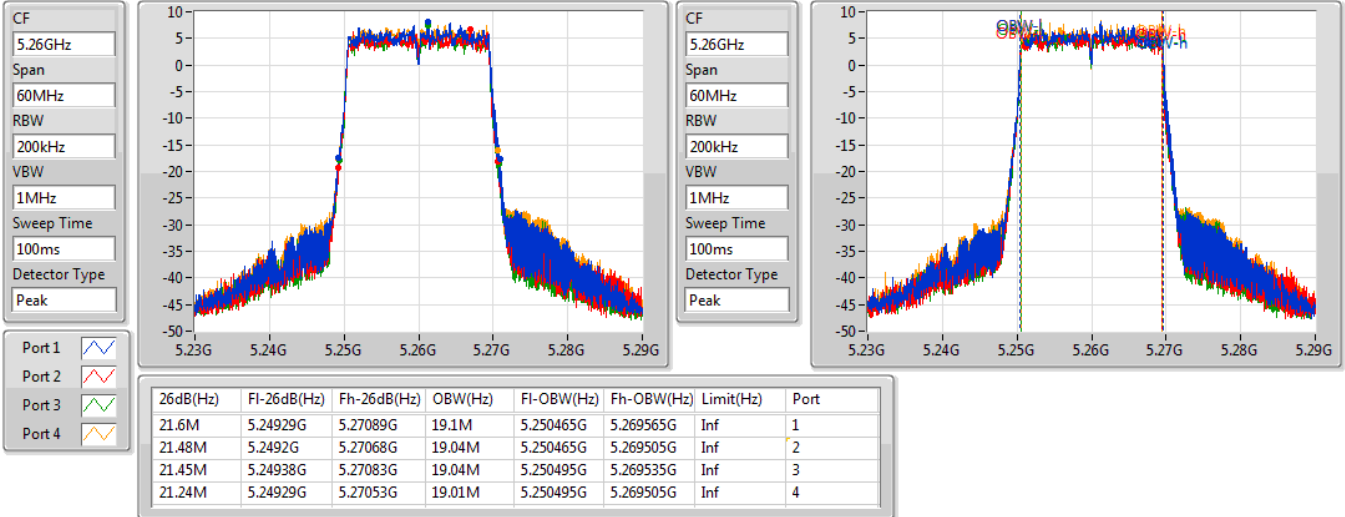

802.11a_Nss1,(6Mbps)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

07/01/2020

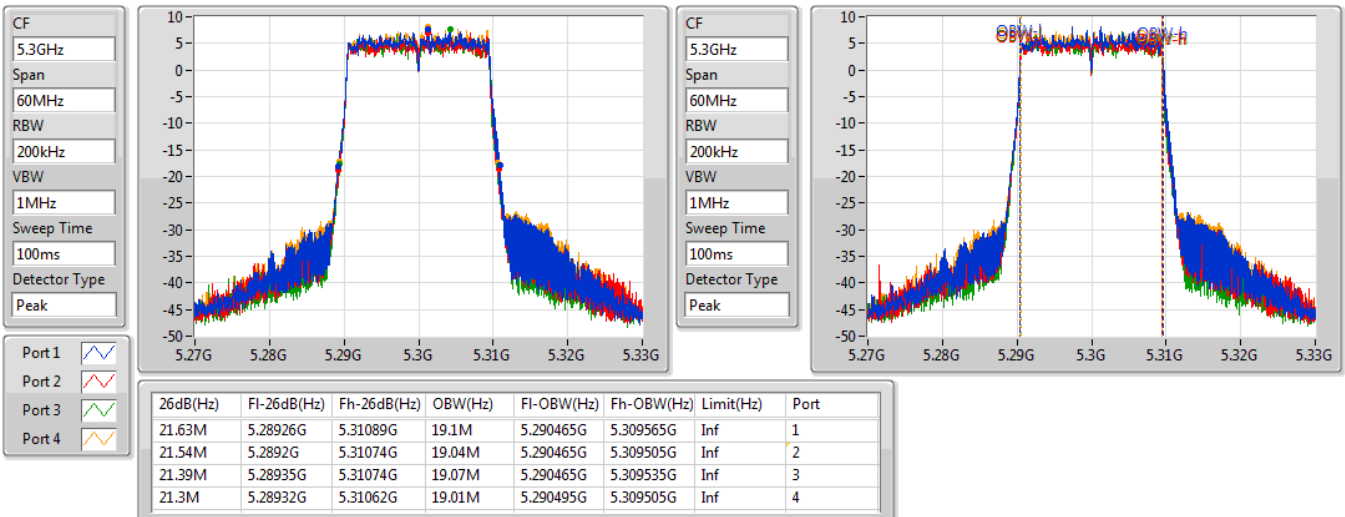


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5260MHz

04/01/2020

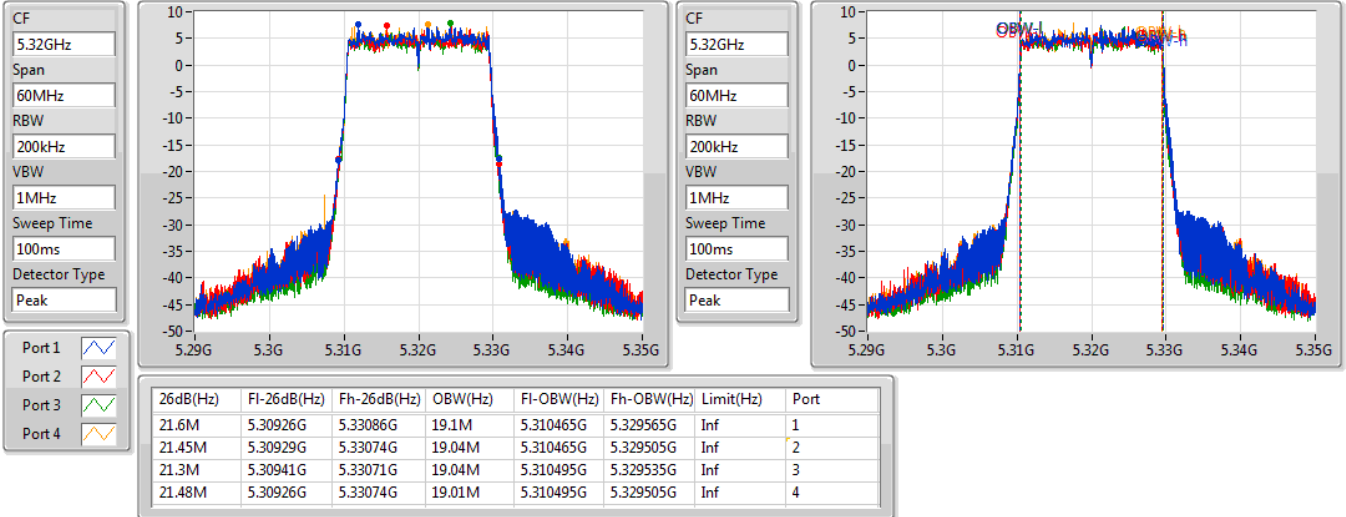

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5300MHz

04/01/2020

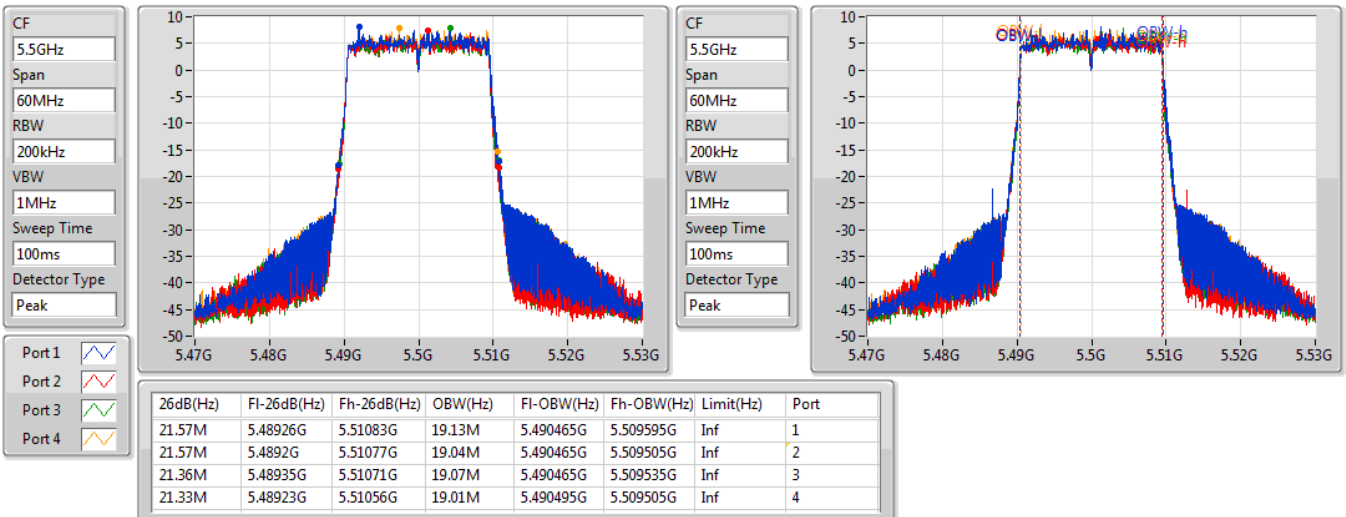


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5320MHz

04/01/2020

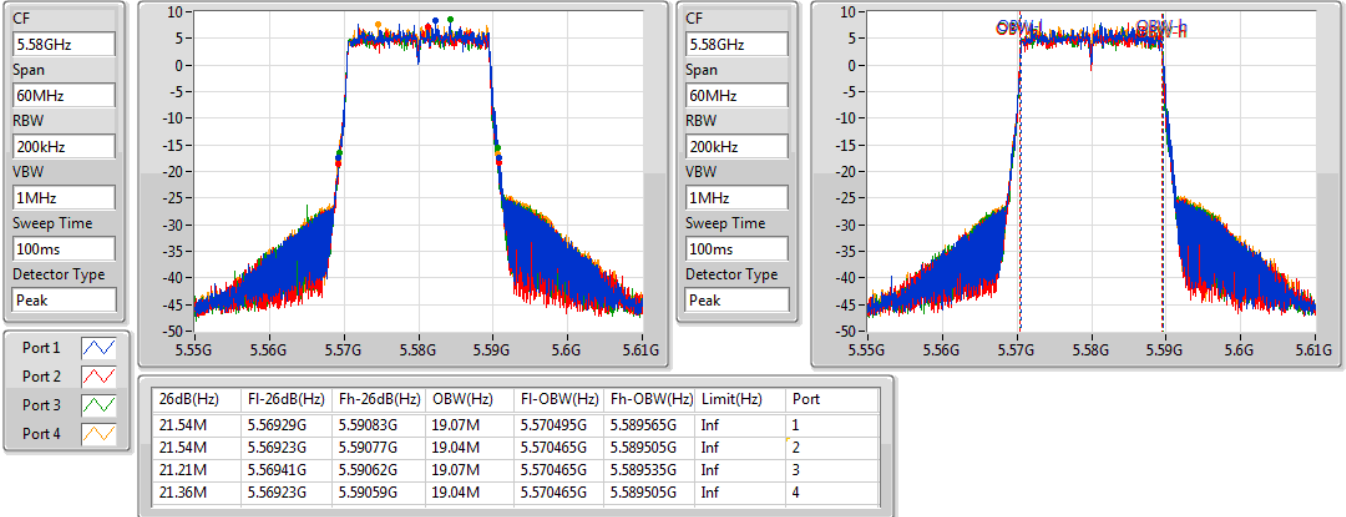

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5500MHz

04/01/2020

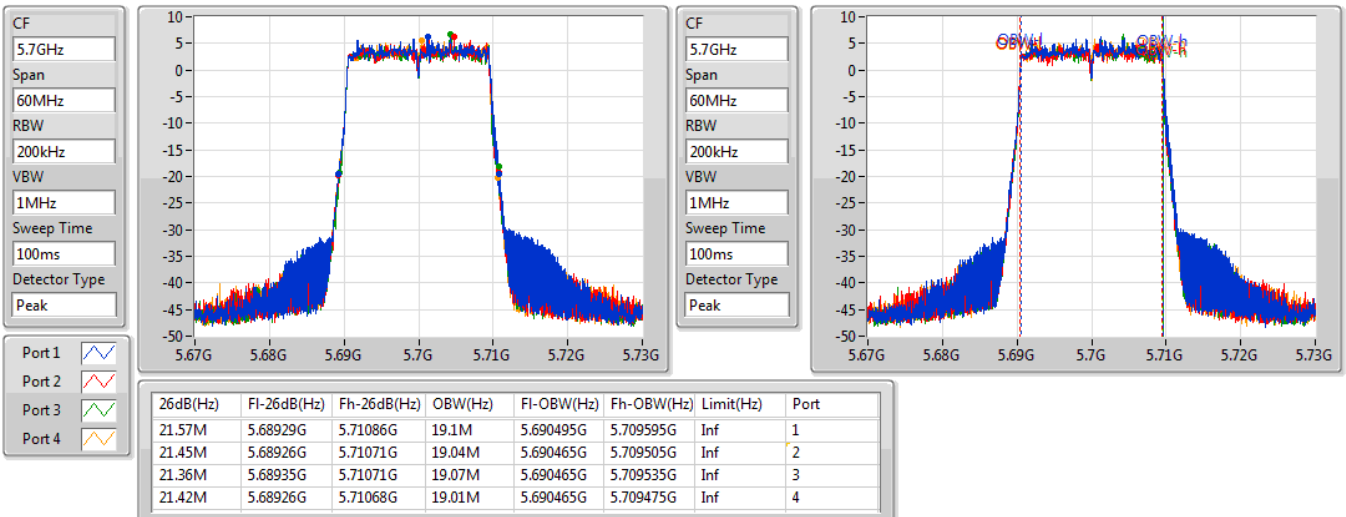


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5580MHz

04/01/2020

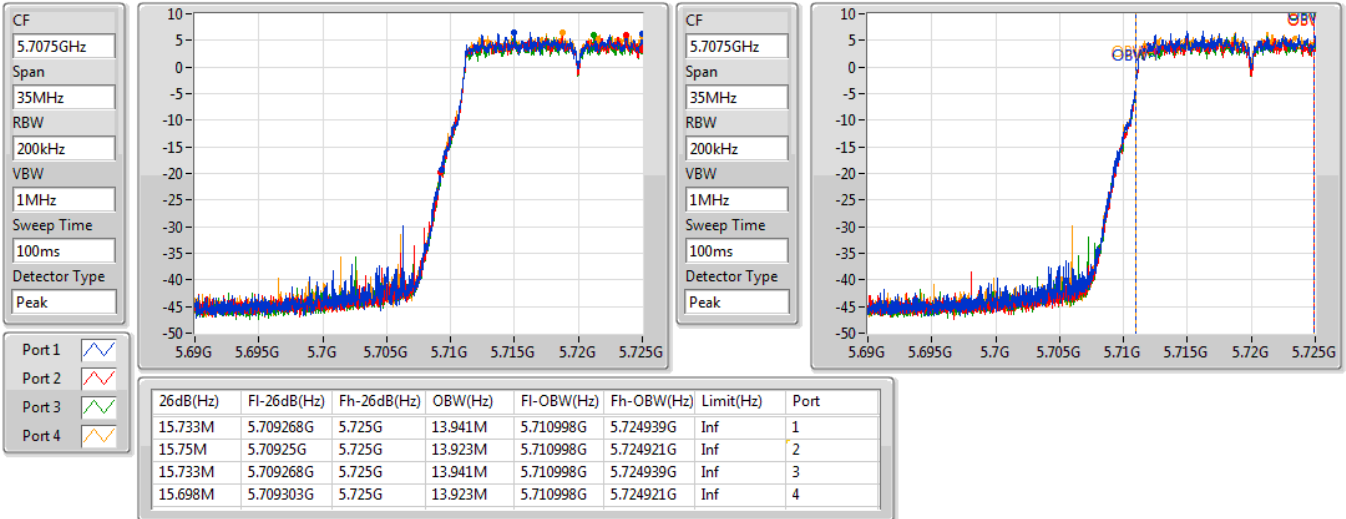

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5700MHz

04/01/2020

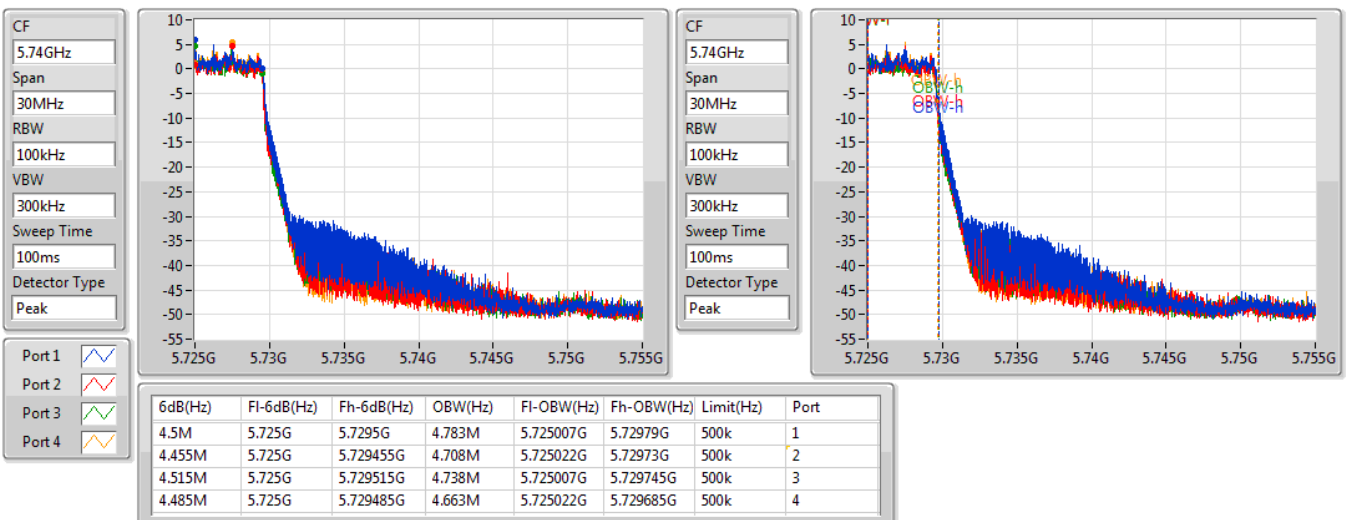


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

07/01/2020

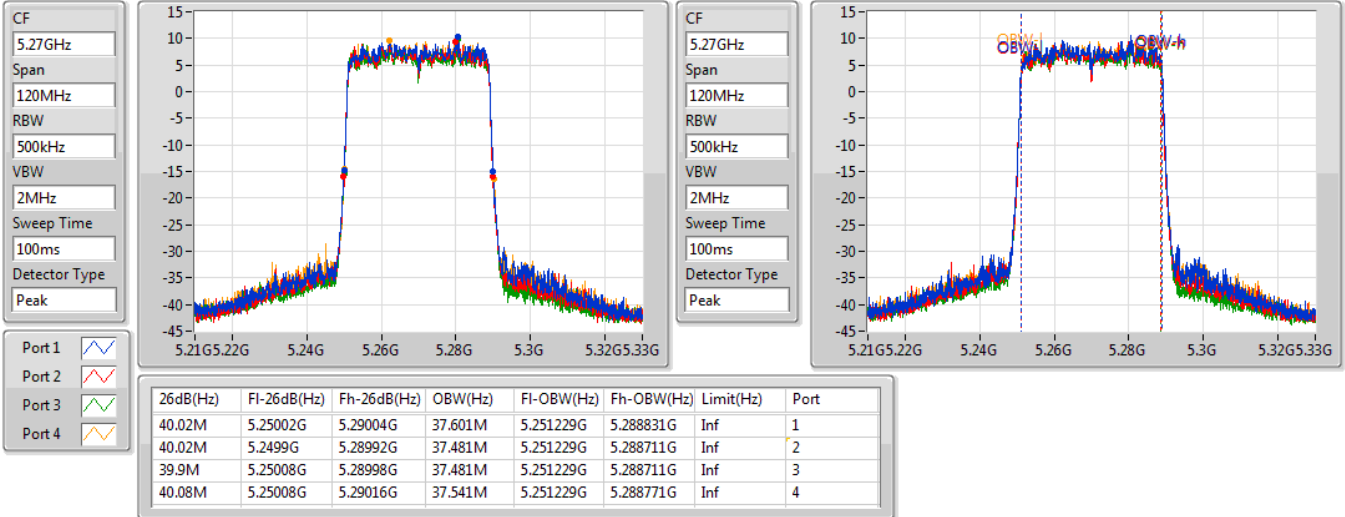

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

07/01/2020

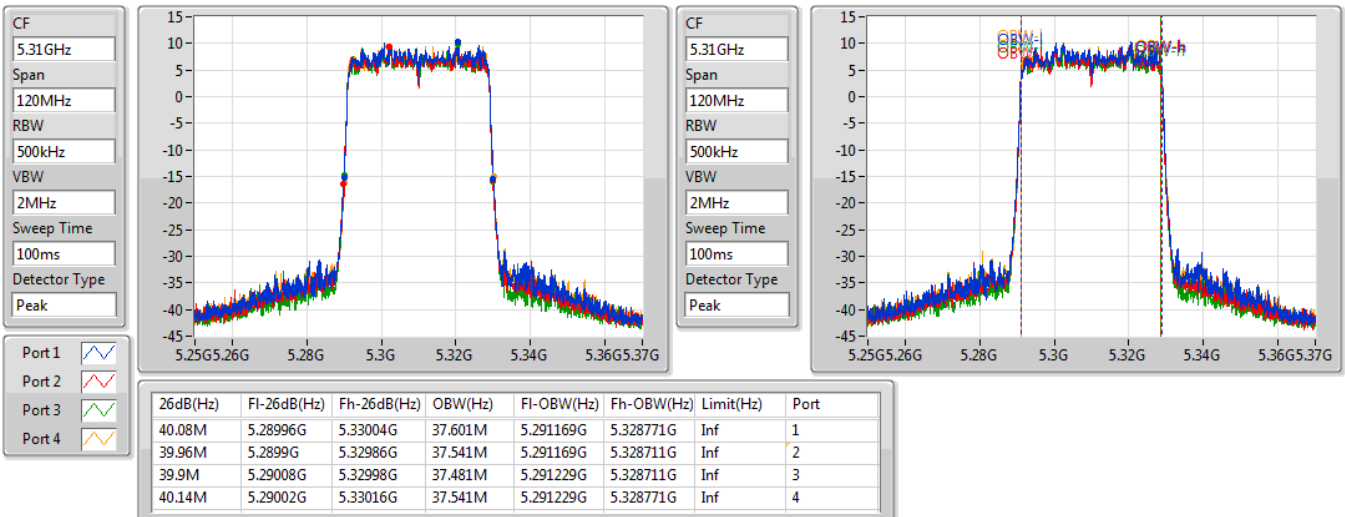


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5270MHz

04/01/2020

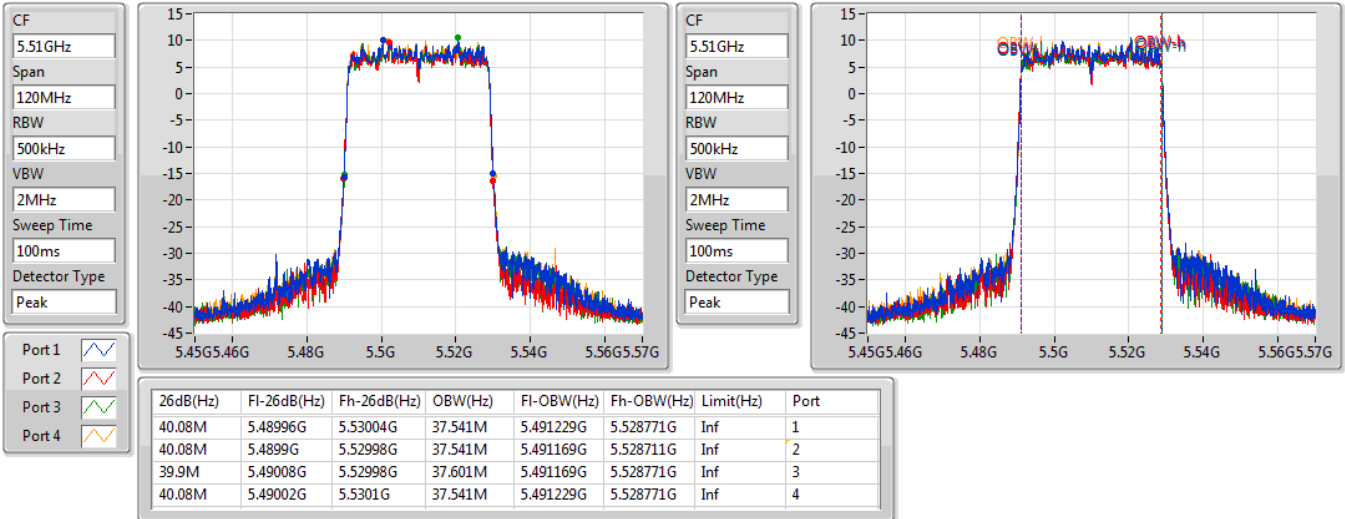

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5310MHz

04/01/2020

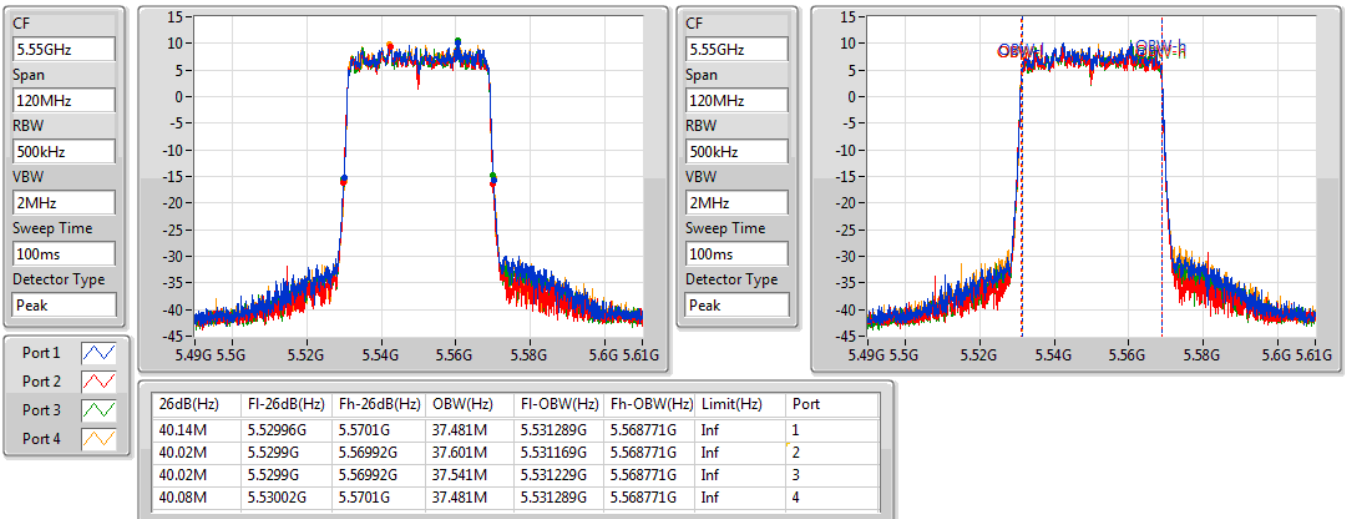


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5510MHz

04/01/2020

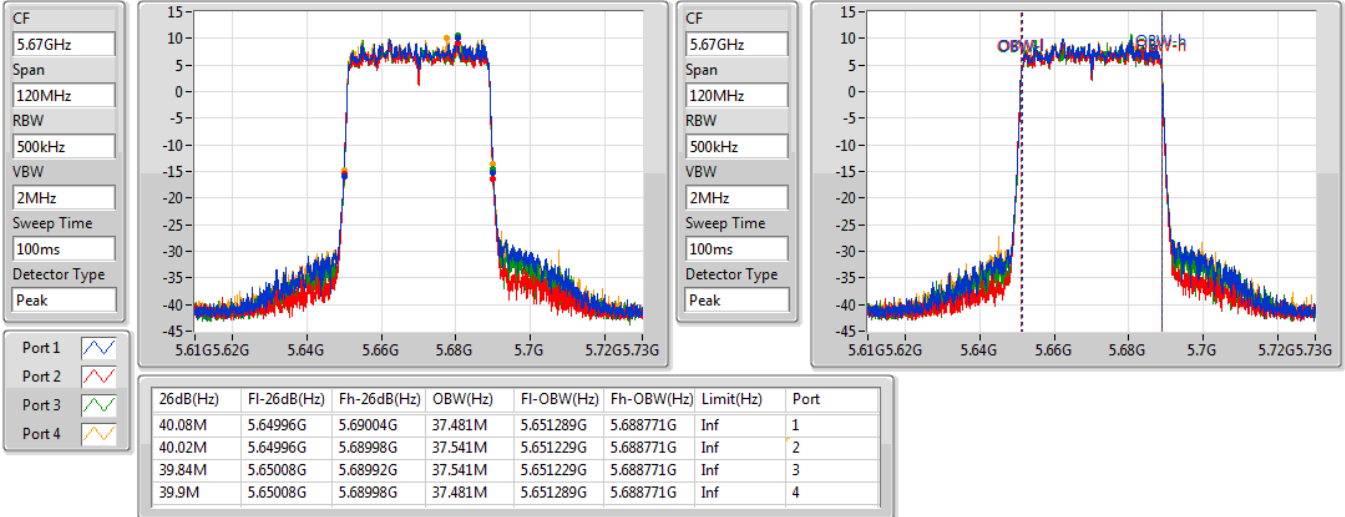

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5550MHz

04/01/2020

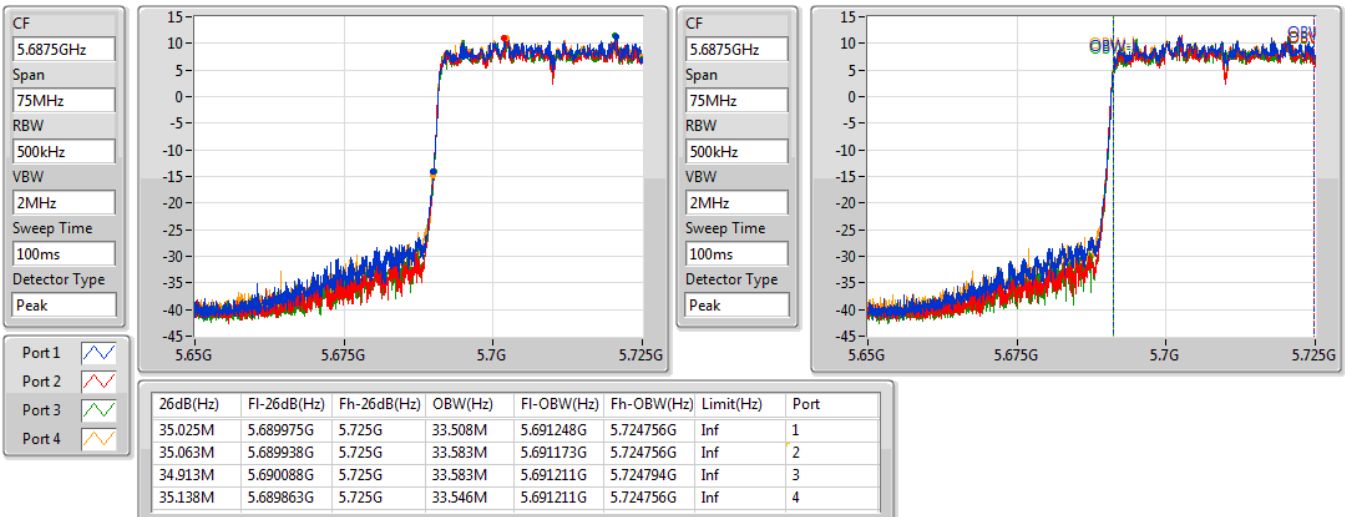


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5670MHz

04/01/2020

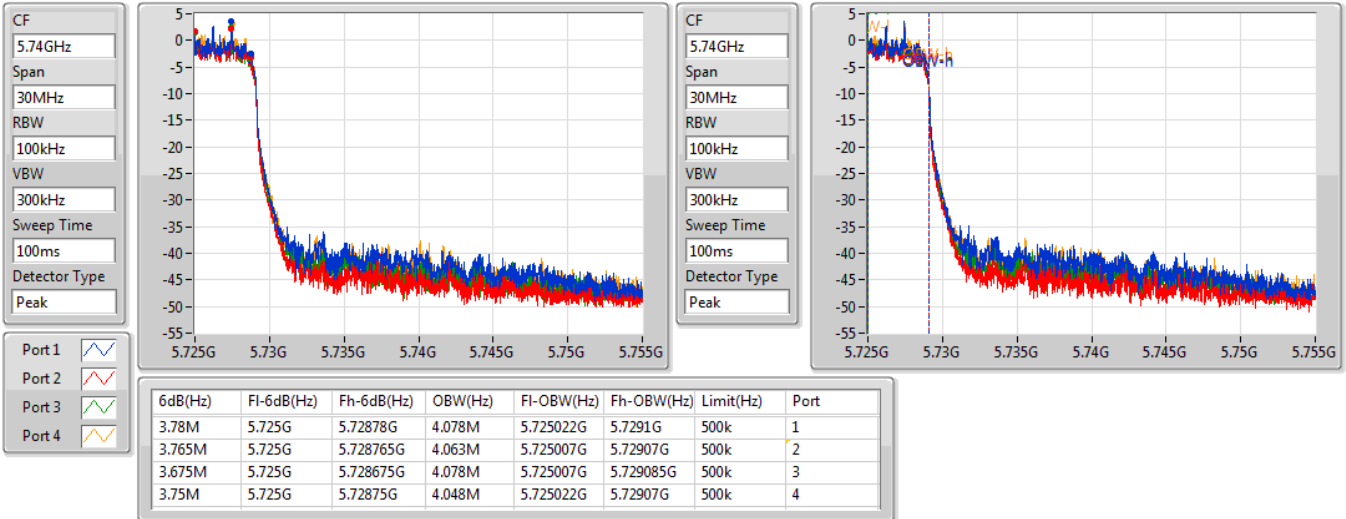

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

07/01/2020

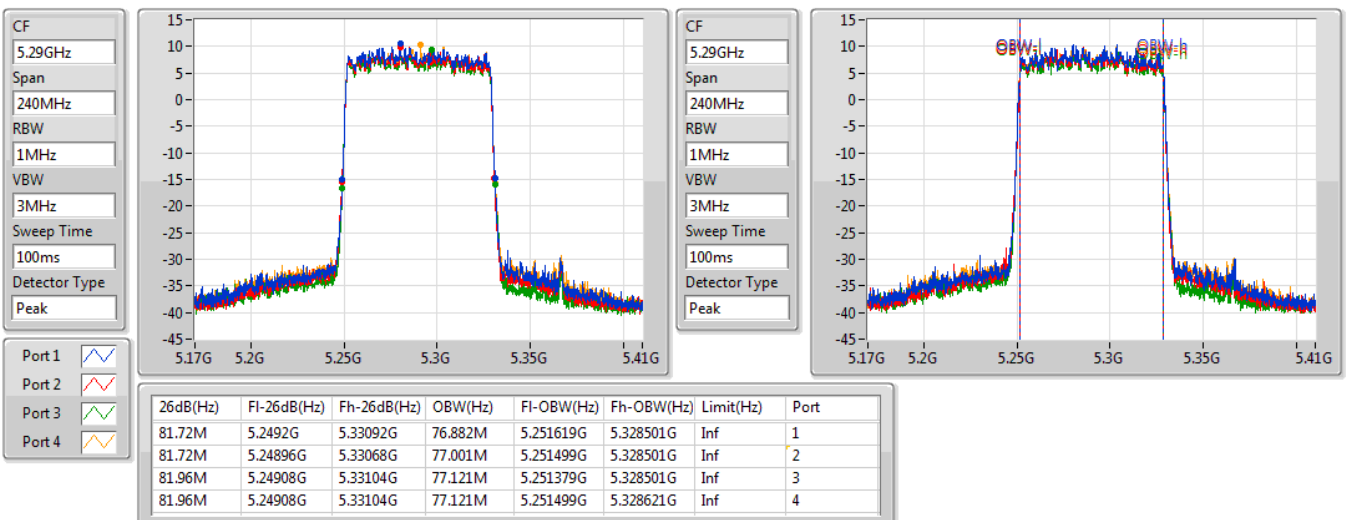


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

07/01/2020

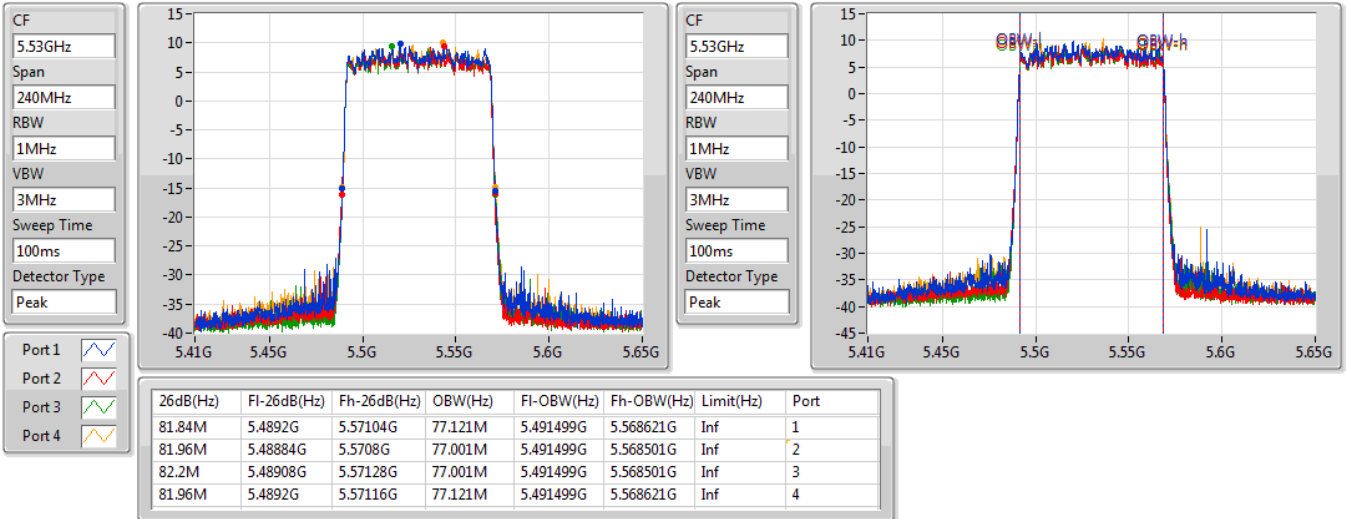

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5290MHz

04/01/2020

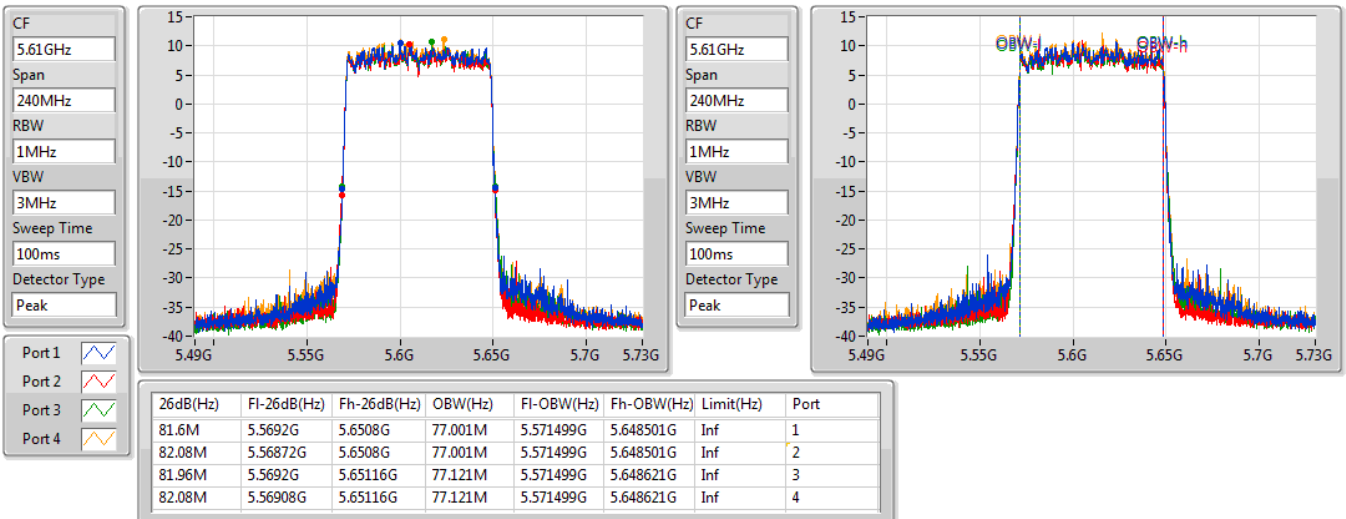


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5530MHz

04/01/2020

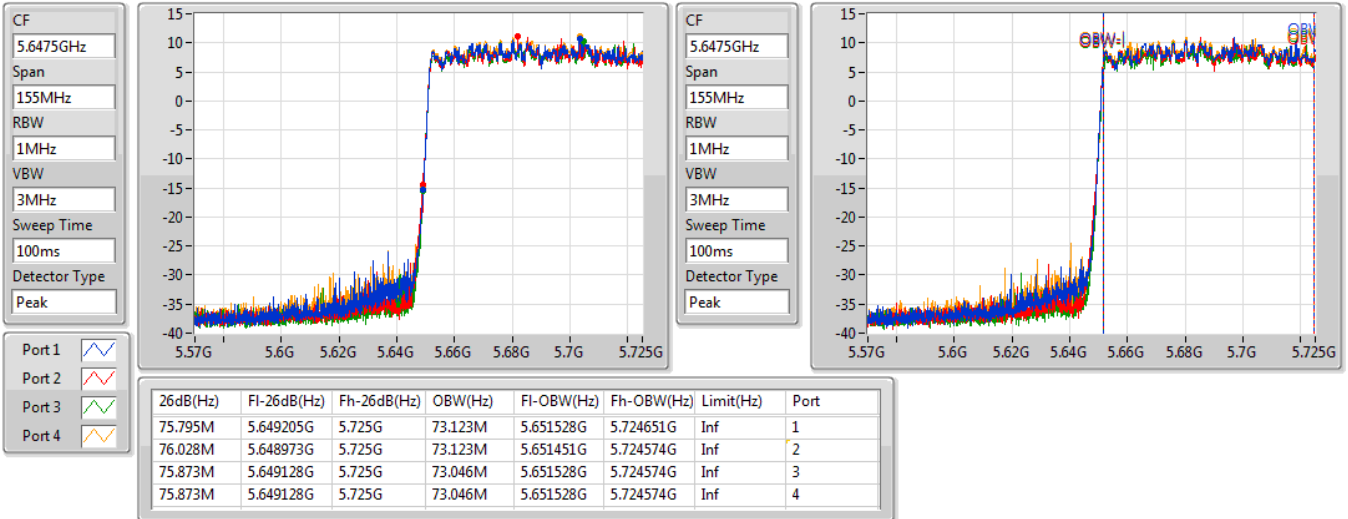

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5610MHz

07/01/2020

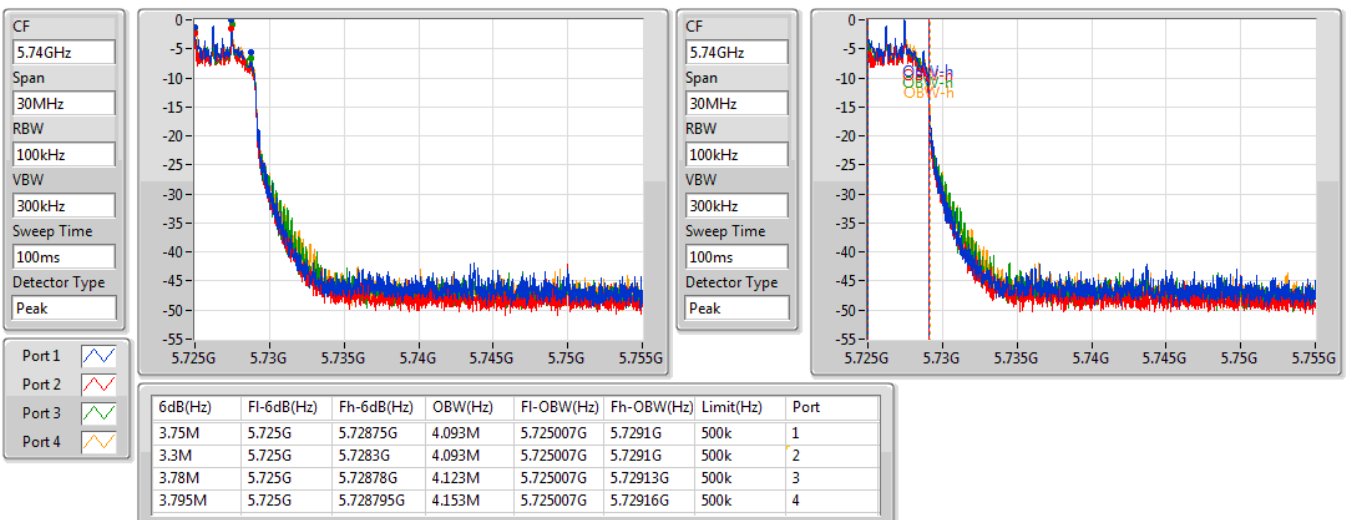


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

07/01/2020

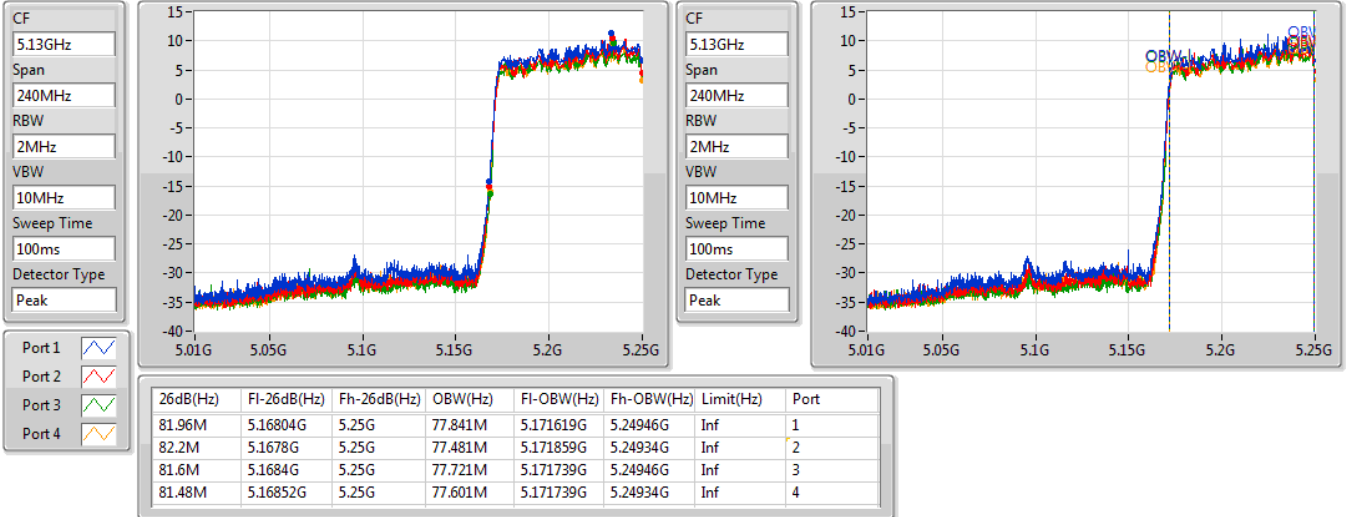

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

07/01/2020

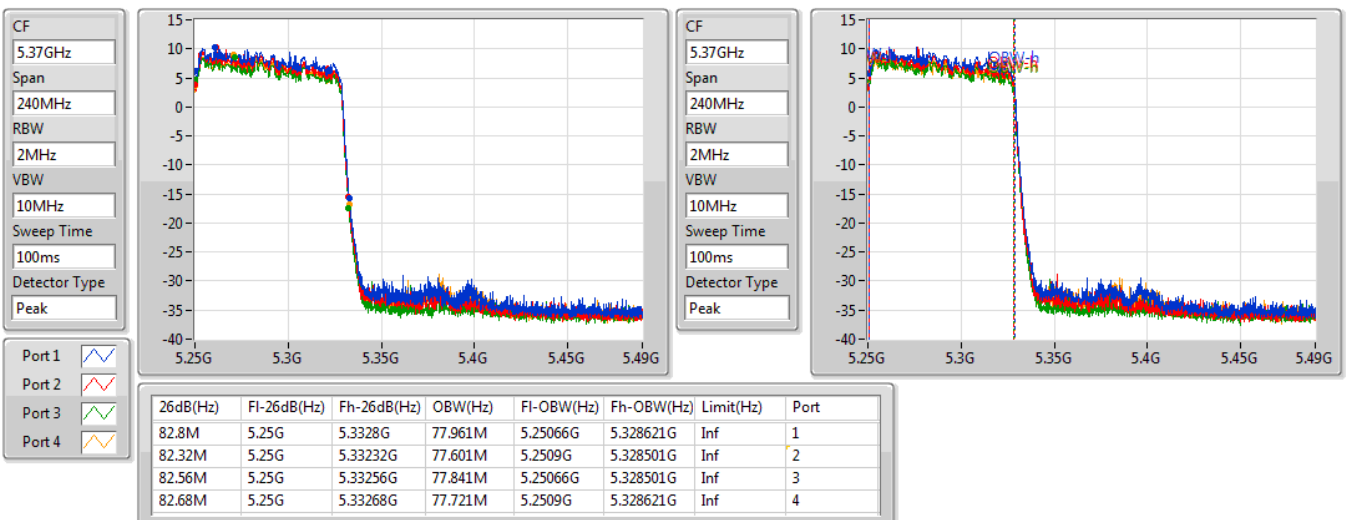


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

07/01/2020

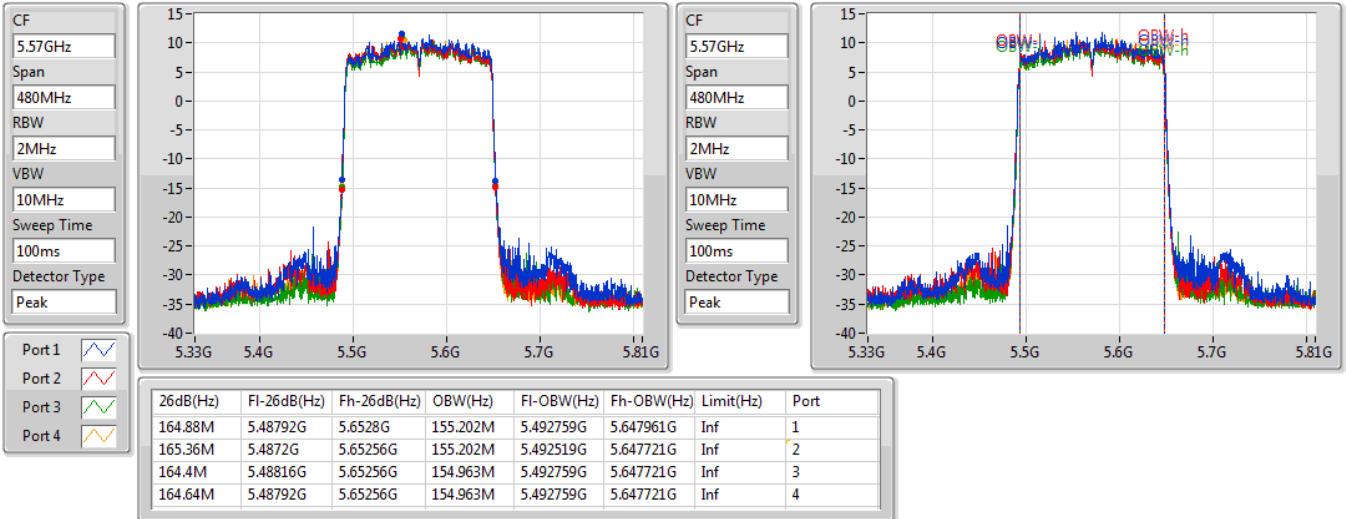

802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

07/01/2020

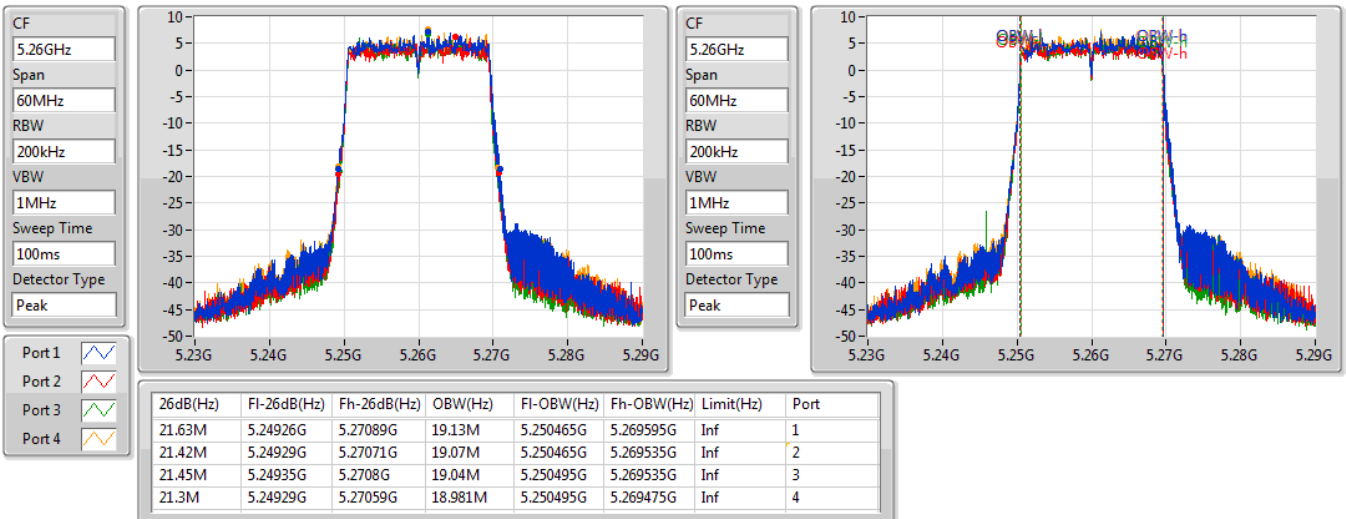


802.11ax HEW160_Nss1,(MCS0)_4TX
EBW
5570MHz

07/01/2020

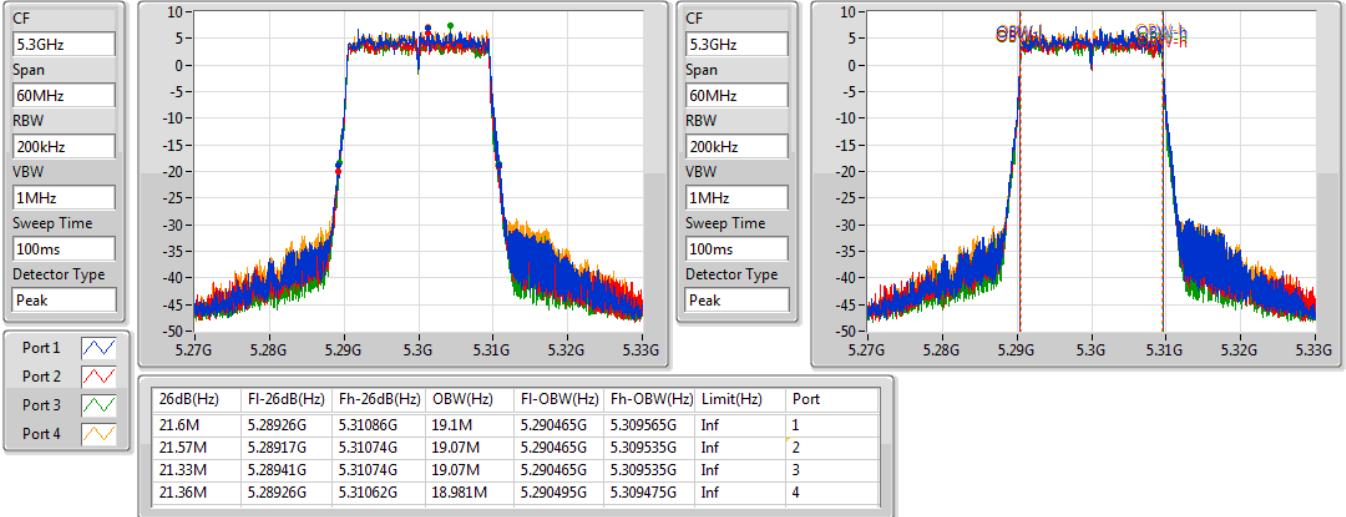

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5260MHz

04/01/2020

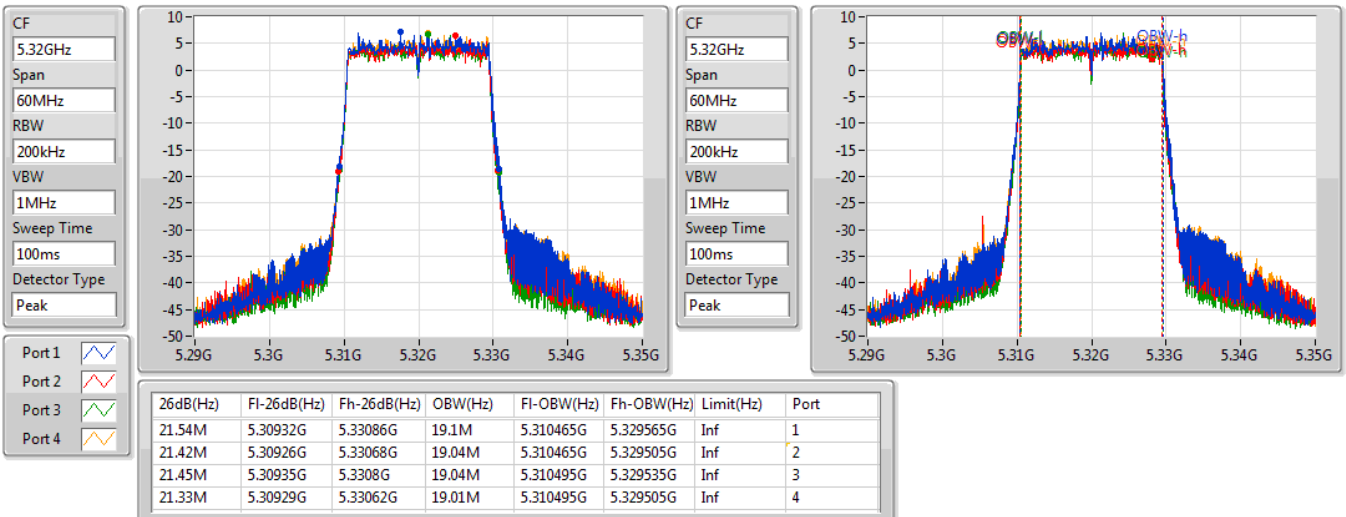


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

04/01/2020

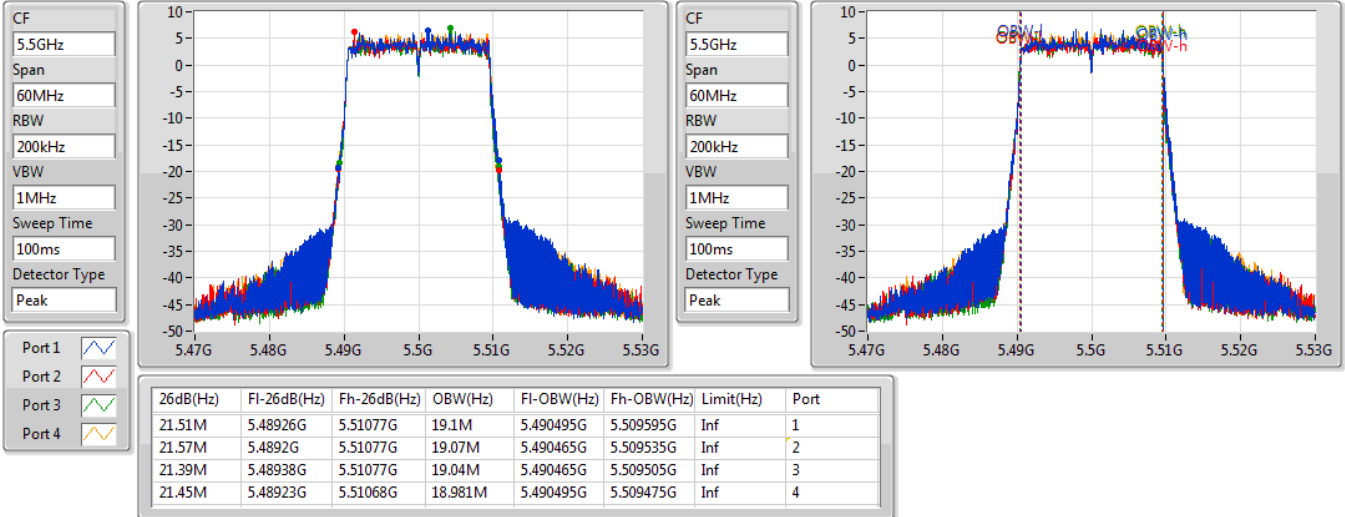

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

04/01/2020

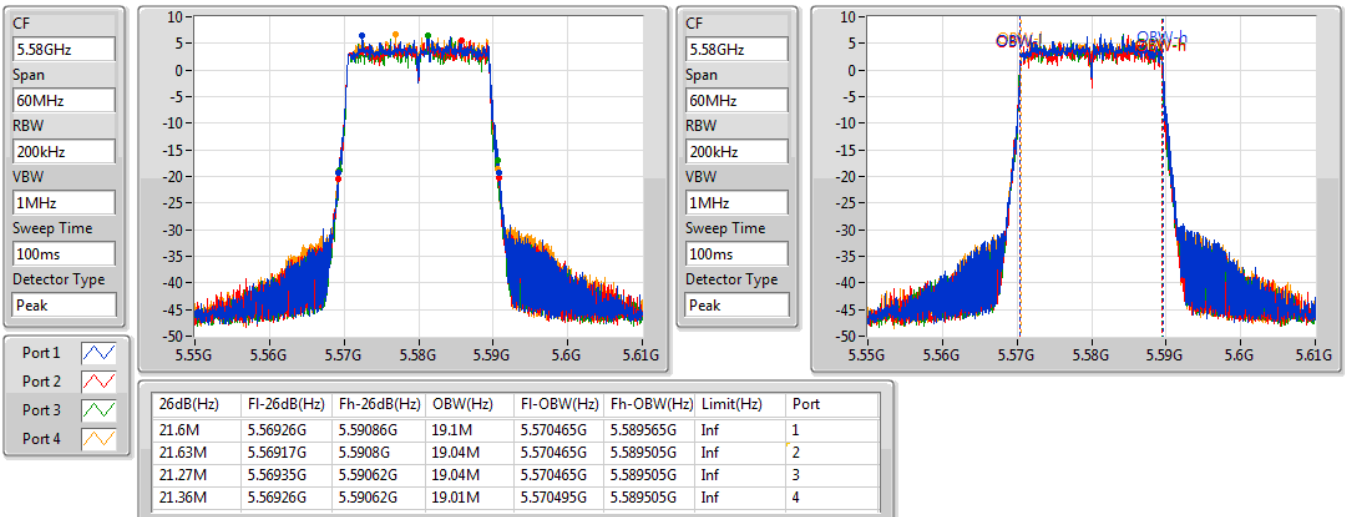


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

04/01/2020

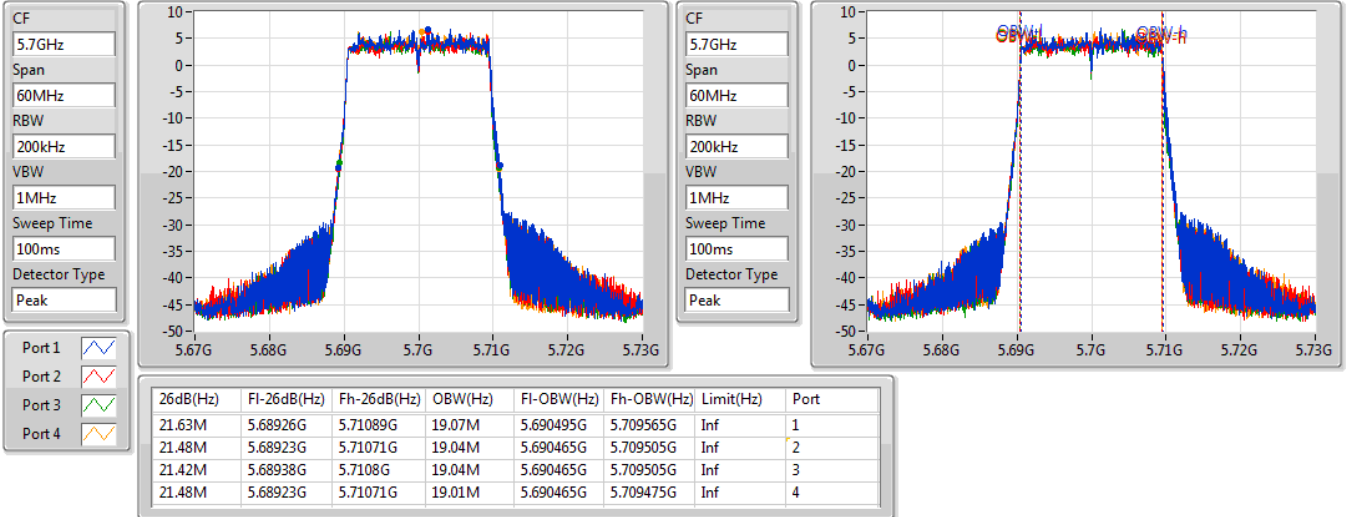

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

04/01/2020

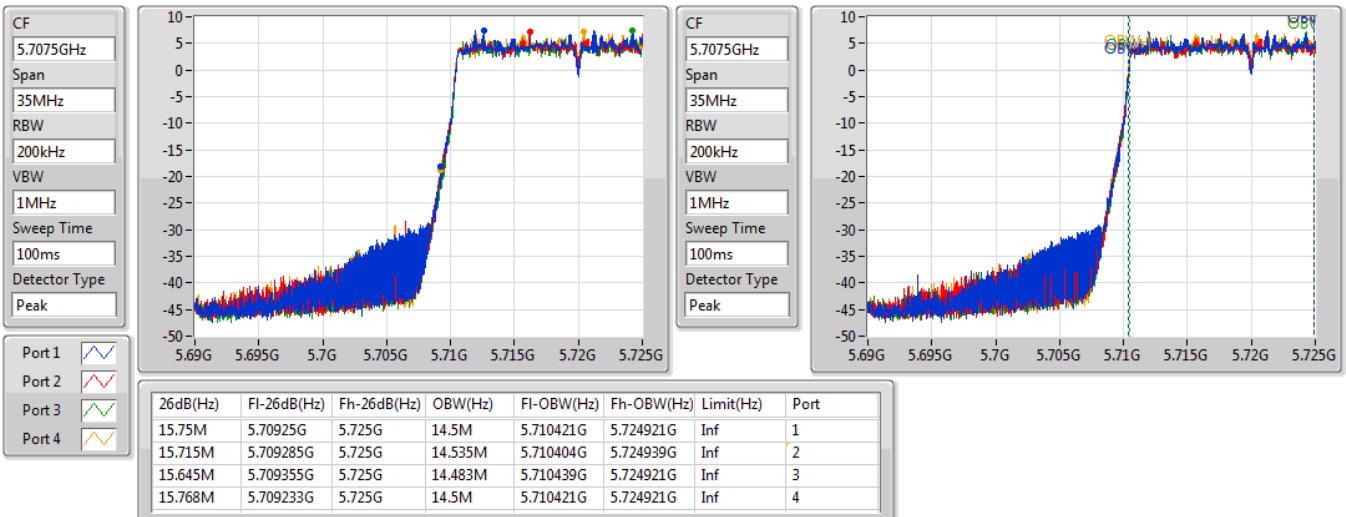


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

04/01/2020

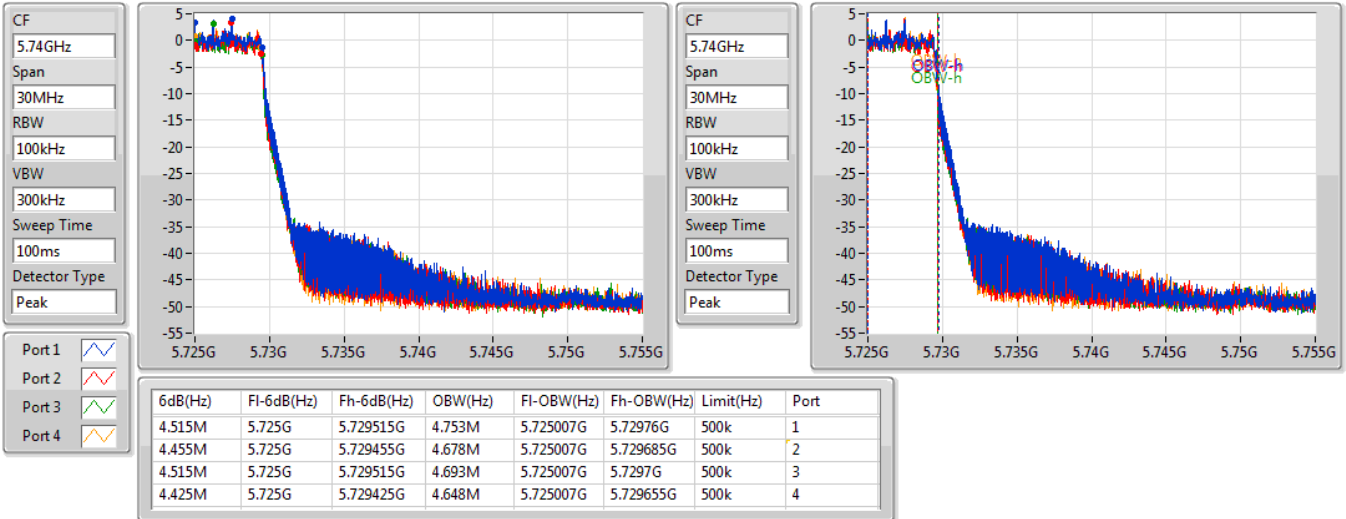

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

07/01/2020

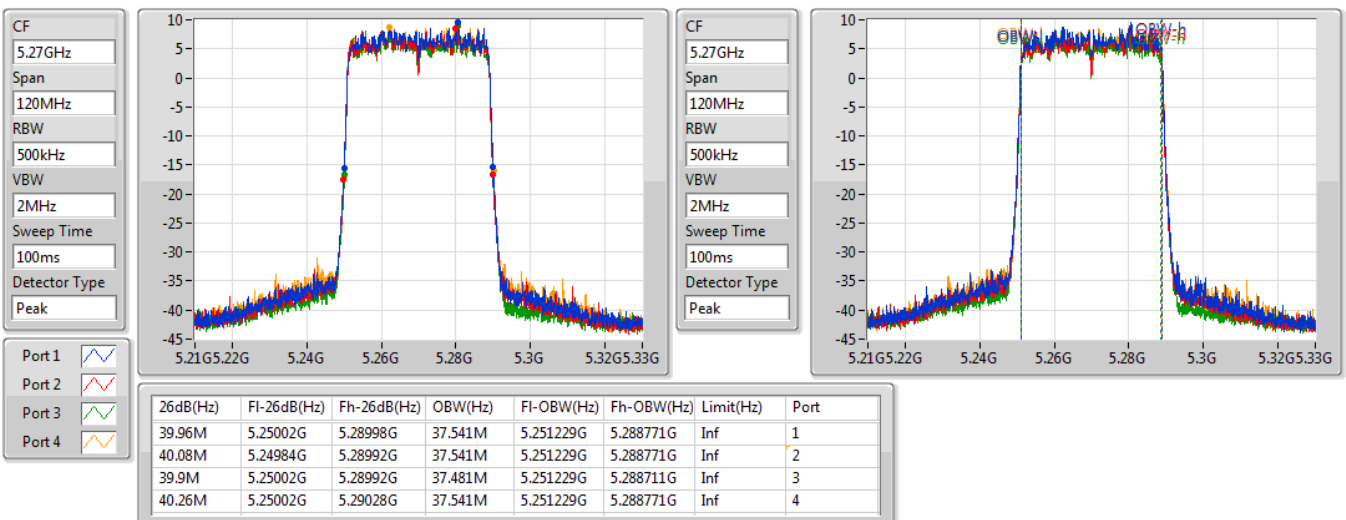


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

07/01/2020

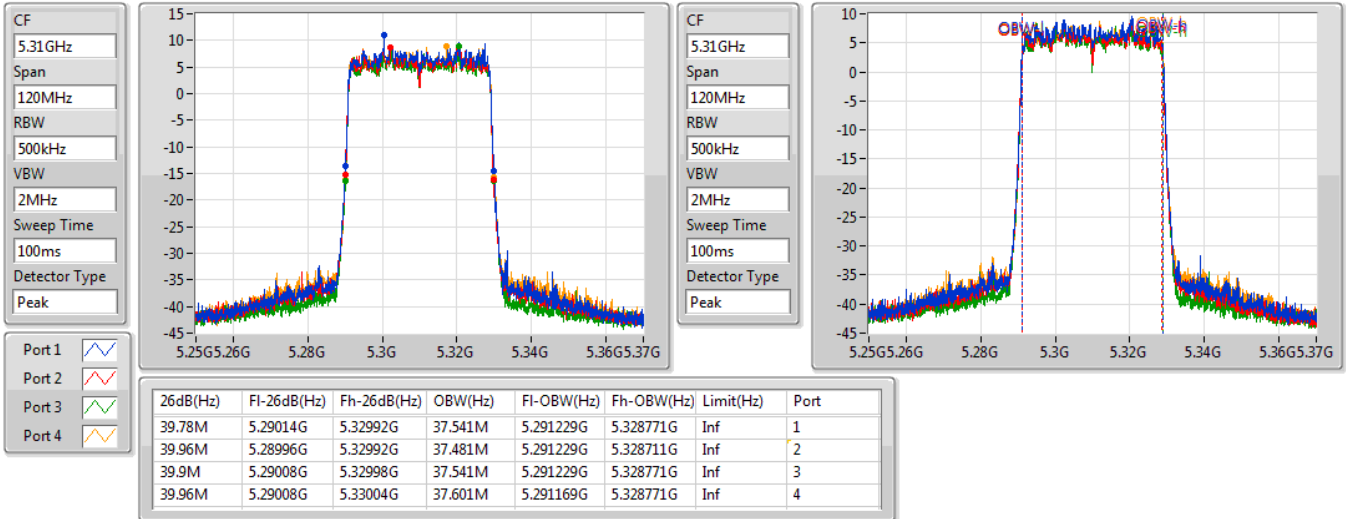

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5270MHz

04/01/2020

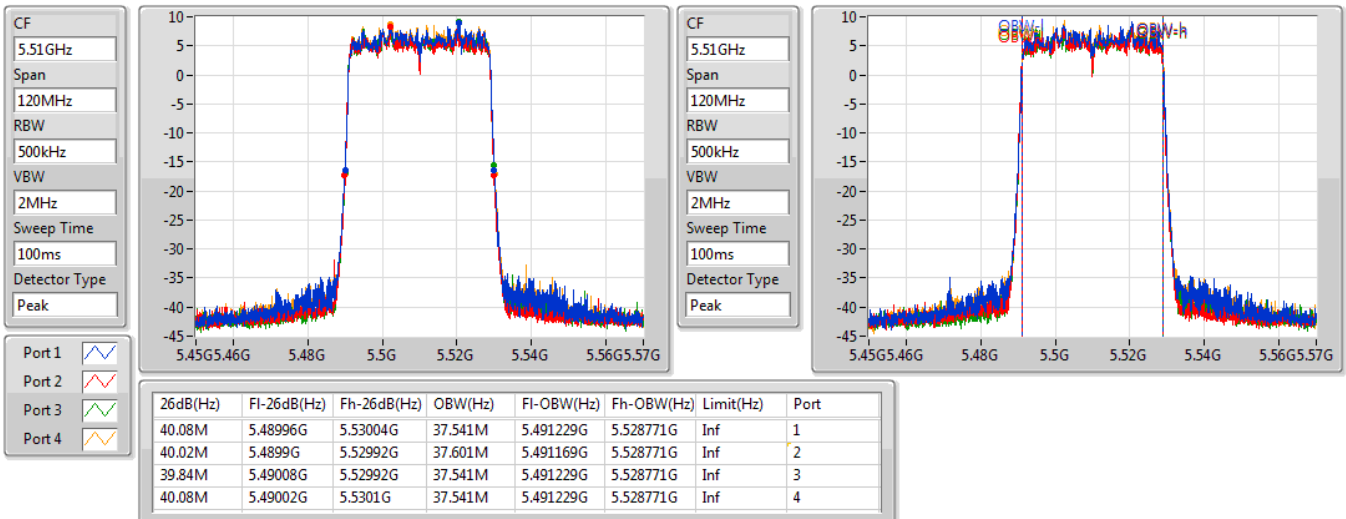


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5310MHz

04/01/2020


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

04/01/2020

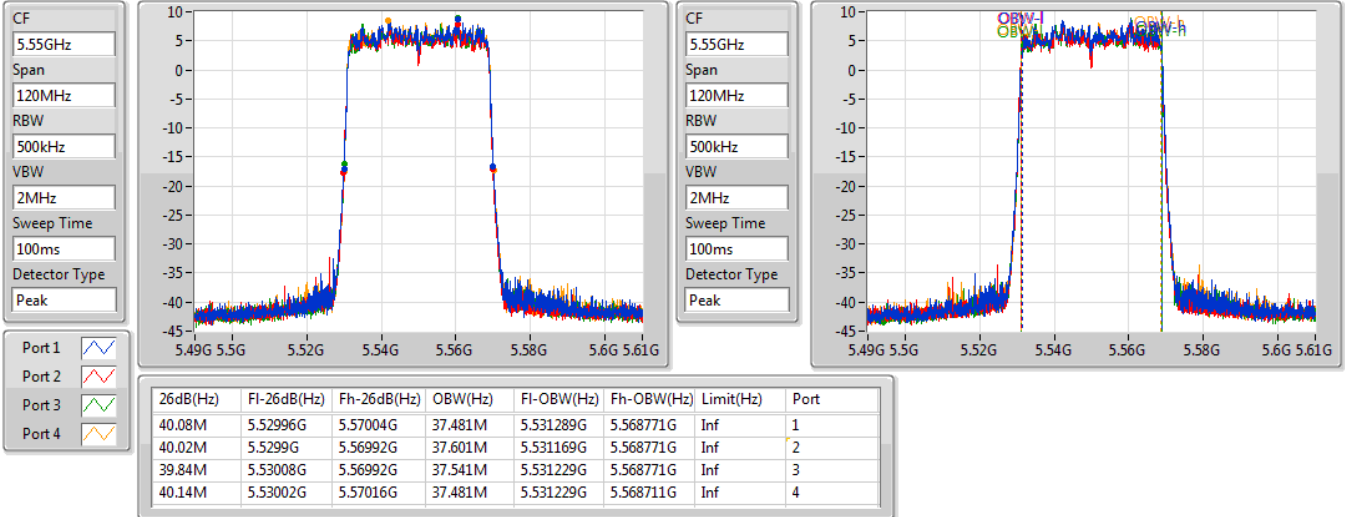


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5550MHz

04/01/2020

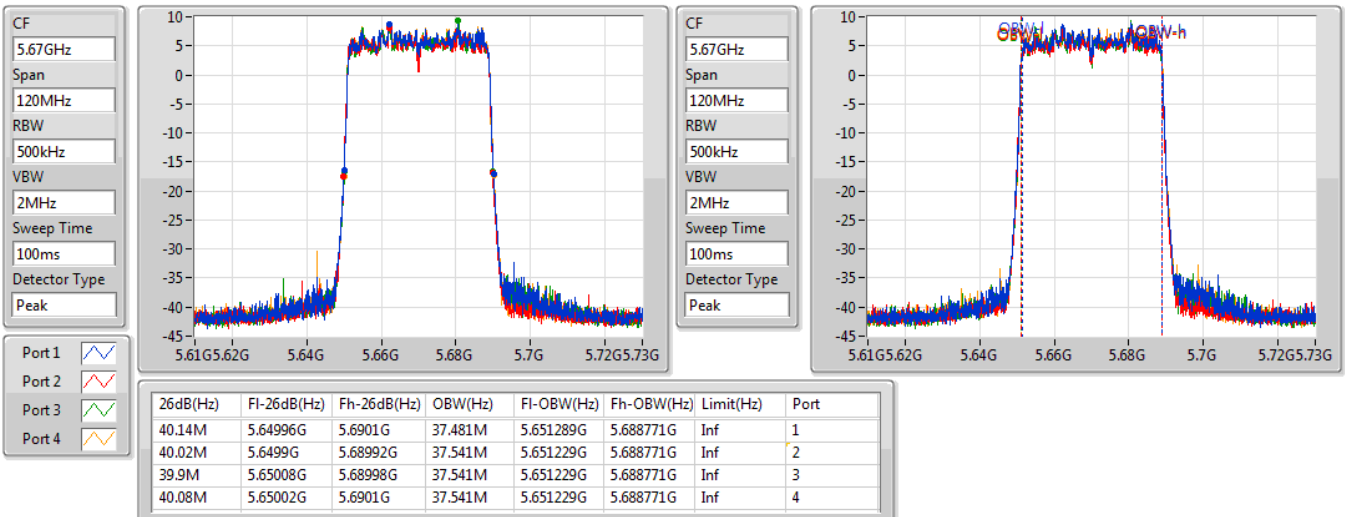


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

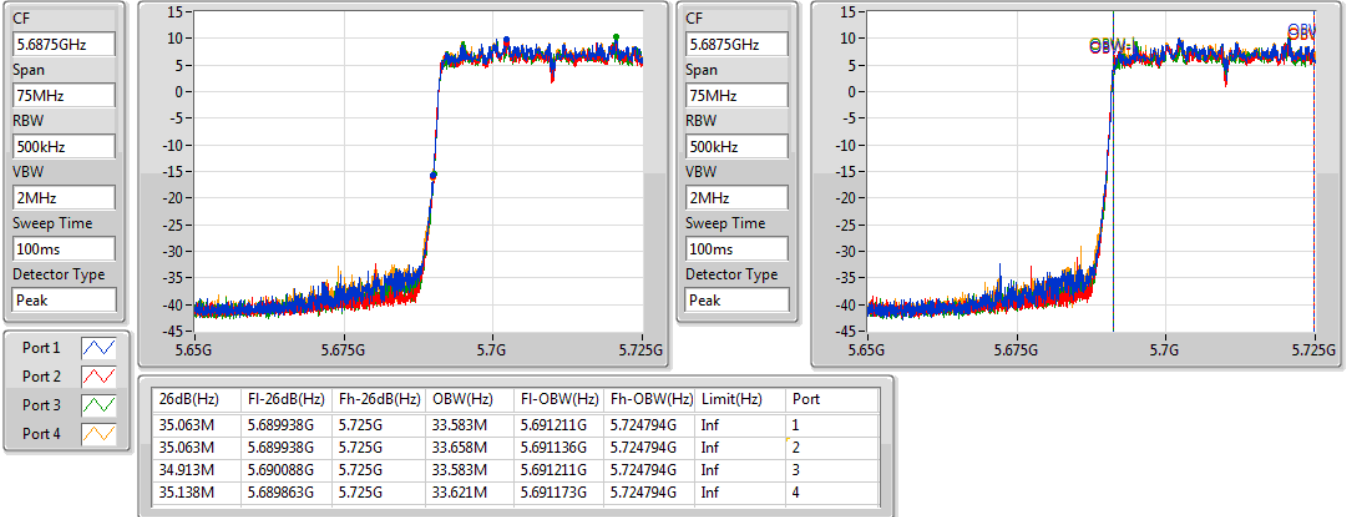
5670MHz

04/01/2020

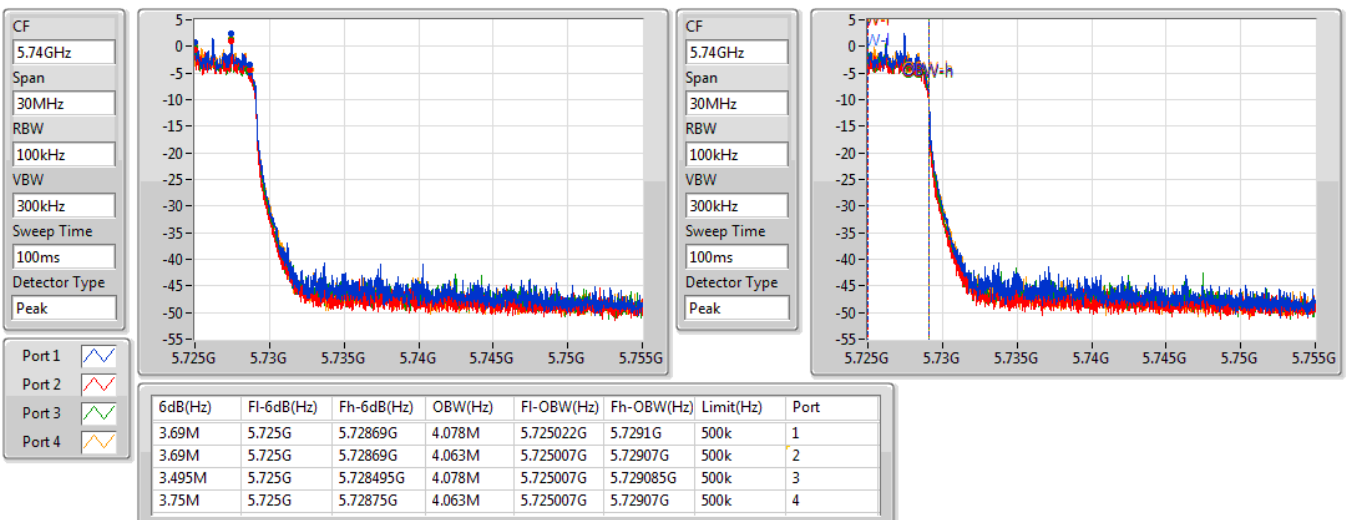


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.67-5.725GHz

07/01/2020

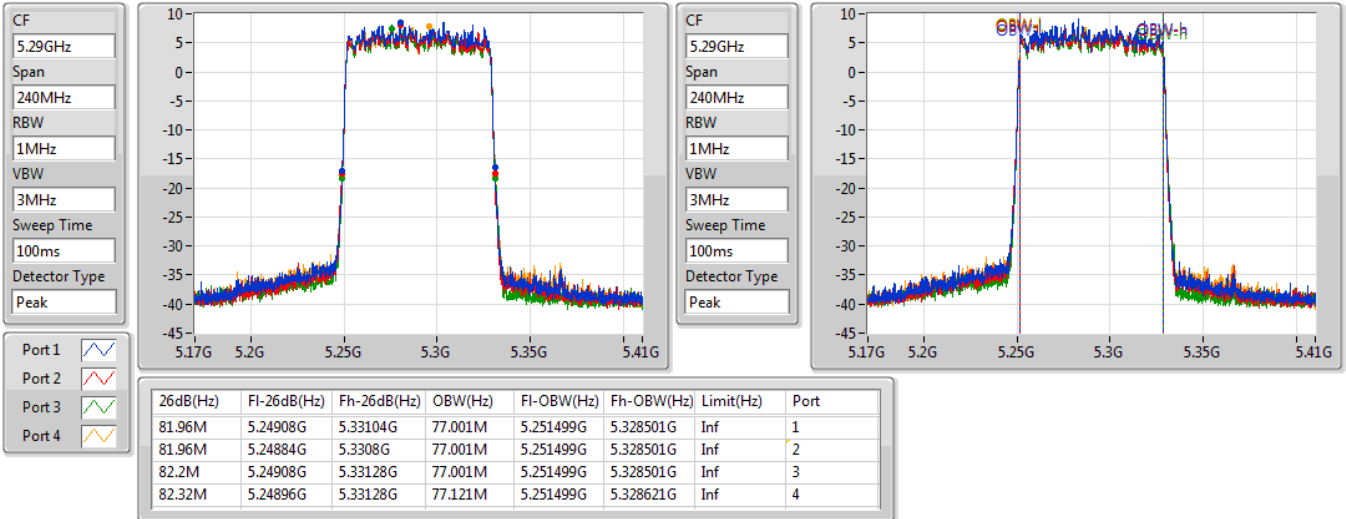

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

07/01/2020

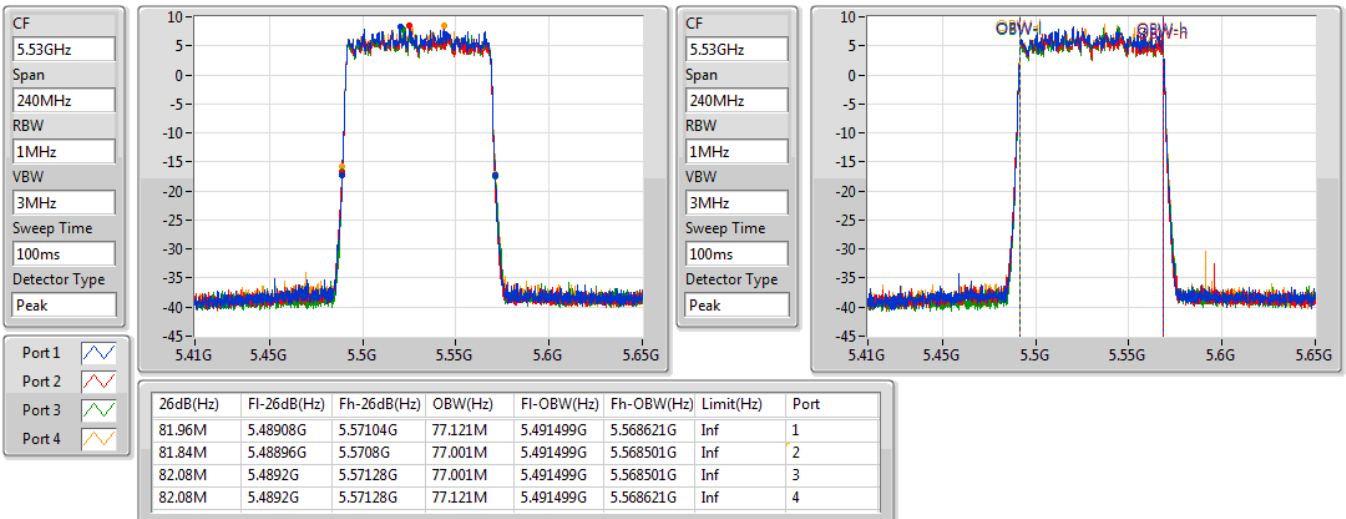


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5290MHz

04/01/2020

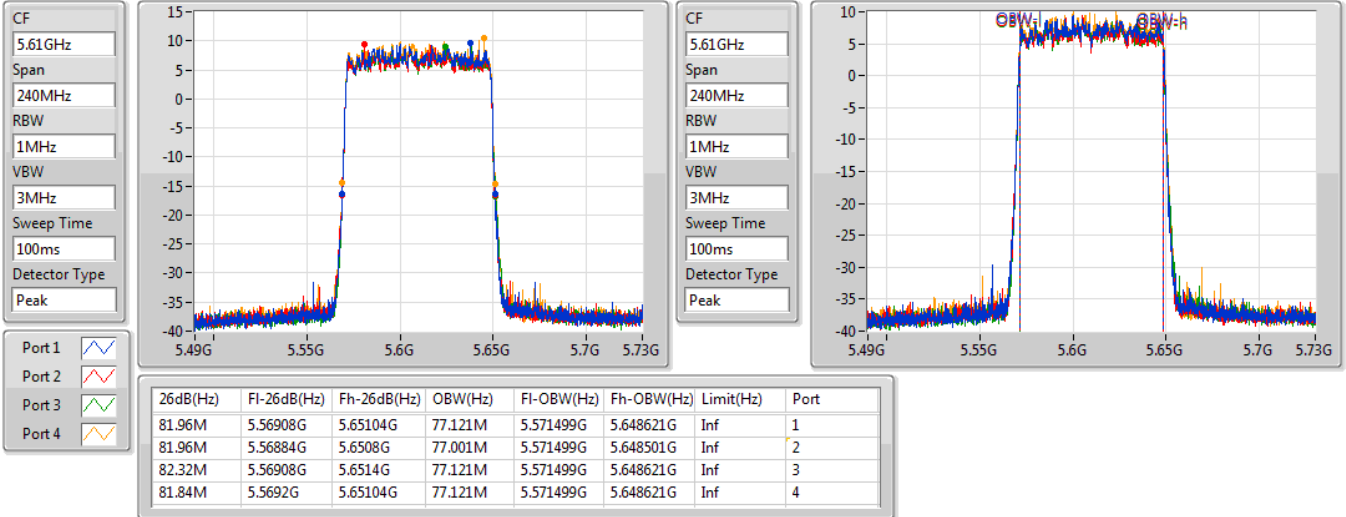

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5530MHz

04/01/2020

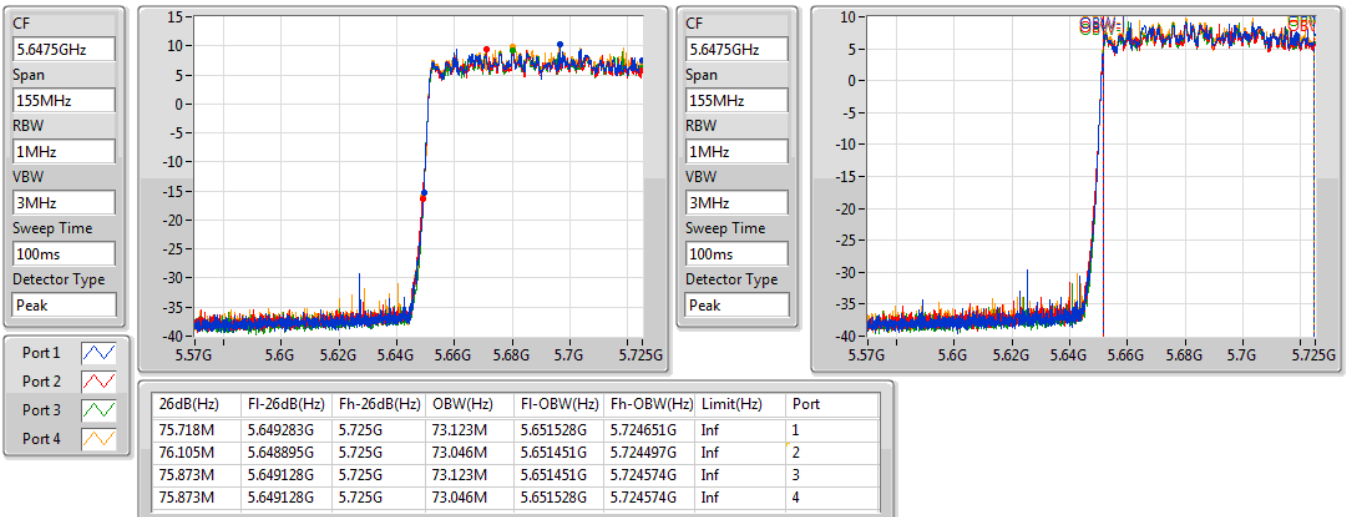


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5610MHz

07/01/2020

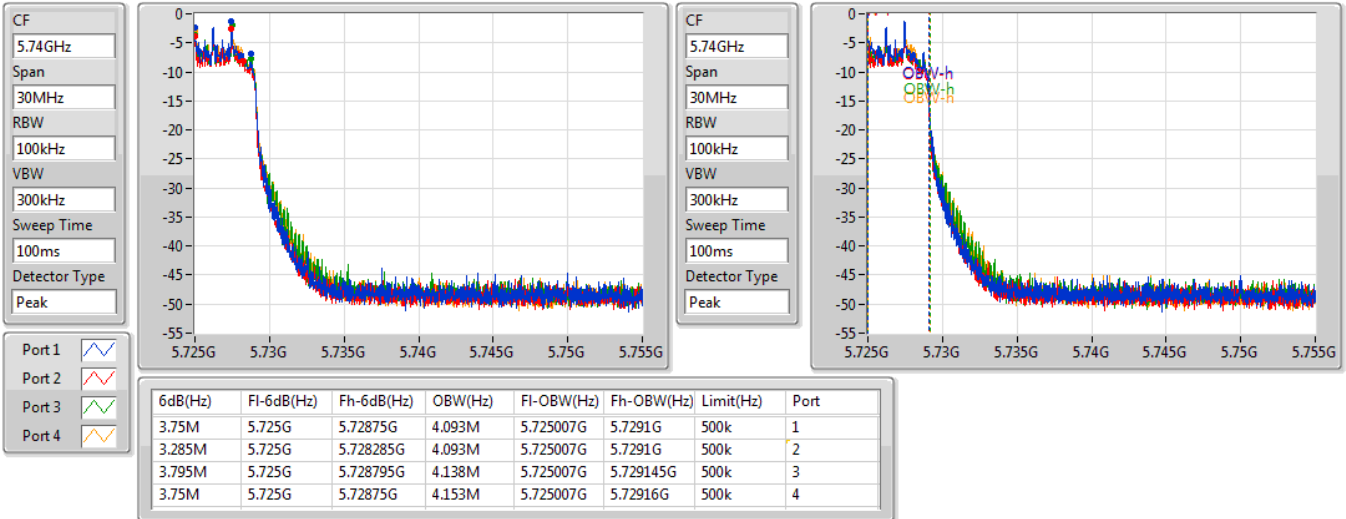

802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

07/01/2020

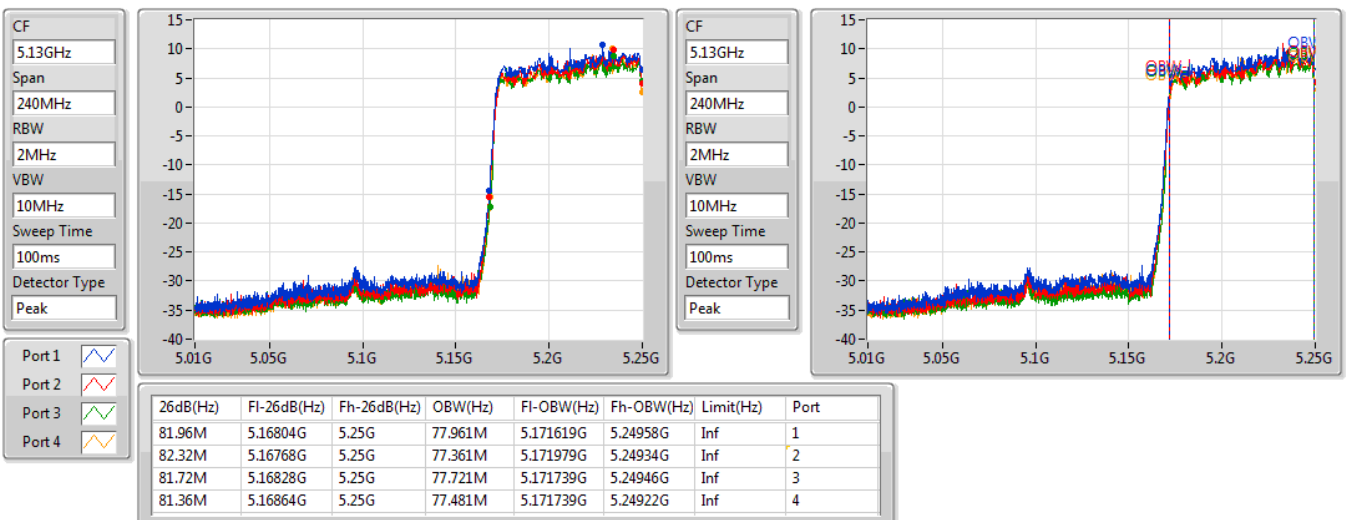


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

07/01/2020

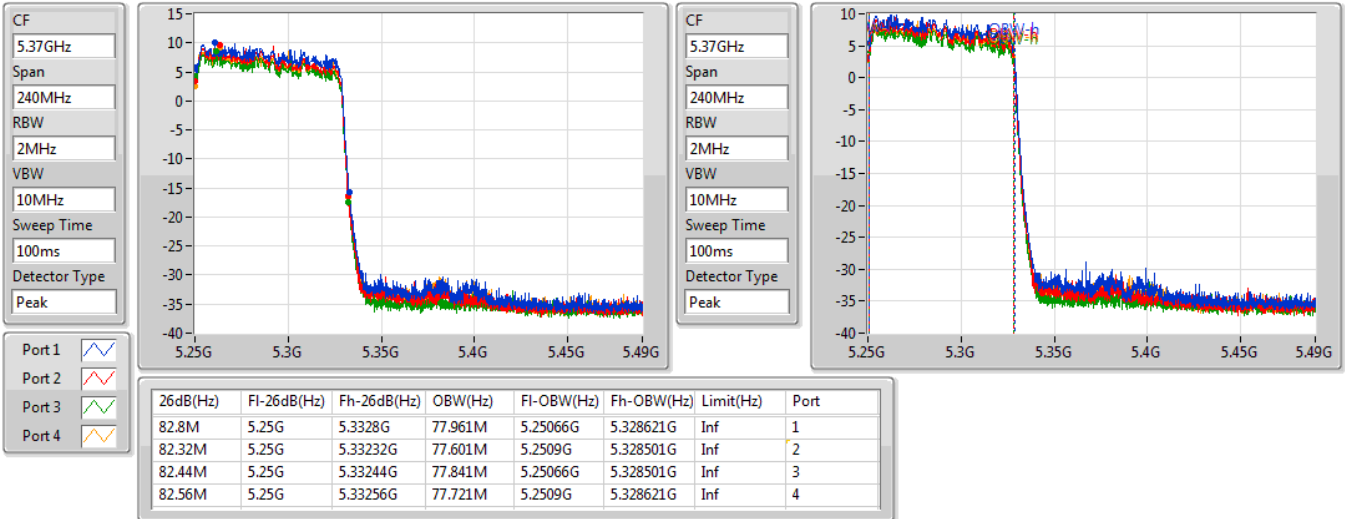

802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

07/01/2020

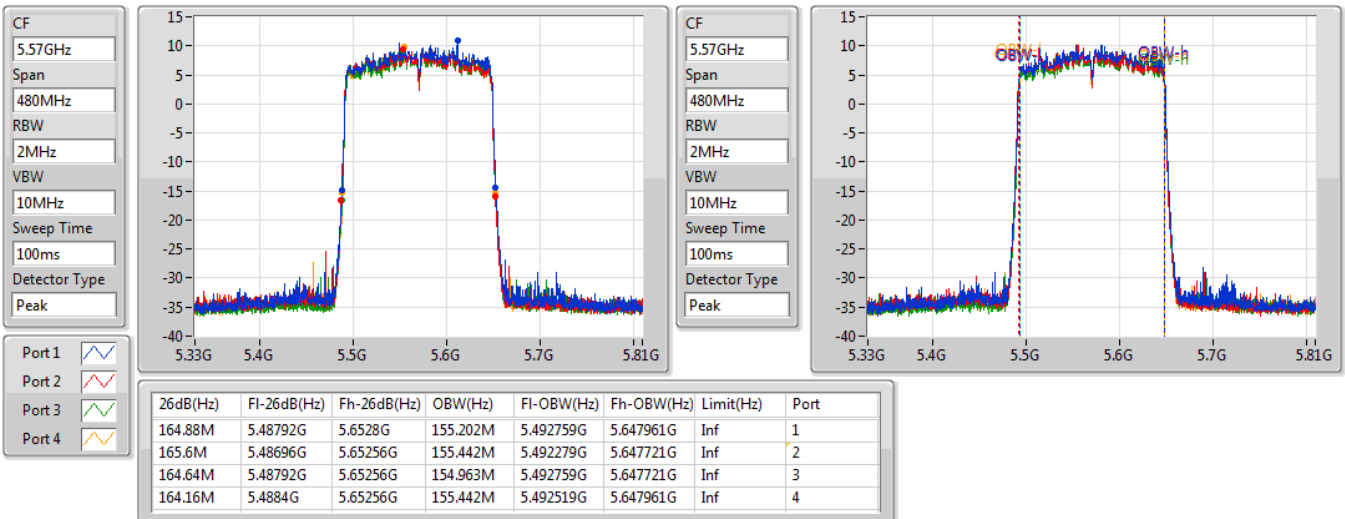


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.25-5.35GHz

07/01/2020


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5570MHz

07/01/2020



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	19.62	0.09162
802.11ax HEW160_Nss1,(MCS0)_4TX	19.85	0.09661
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	18.90	0.07762
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.20	0.08318
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.44	0.22080
802.11ac VHT20_Nss1,(MCS0)_4TX	23.70	0.23442
802.11ac VHT40_Nss1,(MCS0)_4TX	23.70	0.23442
802.11ac VHT80_Nss1,(MCS0)_4TX	23.72	0.23550
802.11ac VHT160_Nss1,(MCS0)_4TX	19.81	0.09572
802.11ax HEW20_Nss1,(MCS0)_4TX	23.75	0.23714
802.11ax HEW40_Nss1,(MCS0)_4TX	23.82	0.24099
802.11ax HEW80_Nss1,(MCS0)_4TX	23.82	0.24099
802.11ax HEW160_Nss1,(MCS0)_4TX	19.95	0.09886
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.77	0.18923
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.89	0.19454
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	21.90	0.15488
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	19.15	0.08222
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.88	0.19409
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.02	0.20045
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.06	0.16069
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.27	0.08453
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.37	0.21727
802.11ac VHT20_Nss1,(MCS0)_4TX	23.76	0.23768
802.11ac VHT40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ac VHT80_Nss1,(MCS0)_4TX	23.69	0.23388
802.11ac VHT160_Nss1,(MCS0)_4TX	23.91	0.24604
802.11ax HEW20_Nss1,(MCS0)_4TX	23.86	0.24322
802.11ax HEW40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_4TX	23.86	0.24322
802.11ax HEW160_Nss1,(MCS0)_4TX	23.92	0.24660
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	22.43	0.17498
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	22.55	0.17989
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	22.39	0.17338
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	22.43	0.17498
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.52	0.17865
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.54	0.17947
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.53	0.17906
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	22.58	0.18113
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.07	0.03214
802.11ac VHT20_Nss1,(MCS0)_4TX	15.80	0.03802



Average Power

Appendix B

Mode	Total Power (dBm)	Total Power (W)
802.11ac VHT40_Nss1,(MCS0)_4TX	13.35	0.02163
802.11ac VHT80_Nss1,(MCS0)_4TX	9.37	0.00865
802.11ax HEW20_Nss1,(MCS0)_4TX	16.97	0.04977
802.11ax HEW40_Nss1,(MCS0)_4TX	14.05	0.02541
802.11ax HEW80_Nss1,(MCS0)_4TX	10.18	0.01042
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	15.59	0.03622
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	11.97	0.01574
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	7.90	0.00617
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	16.02	0.03999
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	12.55	0.01799
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.65	0.00733

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.98	17.76	17.27	16.85	17.73	23.44	23.98
5300MHz	Pass	4.98	17.70	17.01	16.84	17.80	23.38	23.98
5320MHz	Pass	4.98	17.71	17.10	16.78	17.39	23.28	23.98
5500MHz	Pass	4.98	17.51	17.21	17.04	17.60	23.37	23.98
5580MHz	Pass	4.98	17.58	16.91	17.14	17.53	23.32	23.98
5700MHz	Pass	4.98	17.55	16.96	16.95	17.43	23.25	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.98	15.69	15.31	15.32	15.69	21.53	22.91
5720MHz Straddle 5.725-5.85GHz	Pass	4.98	9.26	8.69	8.71	9.48	15.07	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.98	17.76	17.02	17.17	17.90	23.50	23.98
5300MHz	Pass	4.98	17.89	17.13	17.09	18.01	23.57	23.98
5320MHz	Pass	4.98	18.05	17.31	17.32	17.97	23.70	23.98
5500MHz	Pass	4.98	17.86	17.39	17.37	17.48	23.55	23.98
5580MHz	Pass	4.98	17.71	17.62	17.61	18.02	23.76	23.98
5700MHz	Pass	4.98	16.28	15.91	15.89	16.14	22.08	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.98	15.83	15.44	15.46	16.02	21.72	22.93
5720MHz Straddle 5.725-5.85GHz	Pass	4.98	10.06	9.45	9.53	10.05	15.80	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.98	18.05	17.47	16.99	17.96	23.66	23.98
5310MHz	Pass	4.98	18.02	17.58	17.10	17.95	23.70	23.98
5510MHz	Pass	4.98	18.01	17.58	17.39	18.27	23.85	23.98
5550MHz	Pass	4.98	17.93	17.49	17.52	18.19	23.81	23.98
5670MHz	Pass	4.98	18.00	17.46	17.35	18.06	23.75	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.98	18.09	17.56	17.60	18.44	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.98	7.76	6.87	6.93	7.69	13.35	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.98	18.09	17.62	17.18	17.84	23.72	23.98
5530MHz	Pass	4.98	17.89	17.33	17.31	18.11	23.69	23.98
5610MHz	Pass	4.98	17.75	17.20	17.11	18.18	23.60	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.98	17.53	17.14	17.32	17.87	23.49	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.98	3.67	2.89	3.11	3.67	9.37	30.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.98	14.36	13.65	13.11	13.14	19.62	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.98	14.57	14.05	13.10	13.26	19.81	23.98
5570MHz	Pass	4.98	18.25	18.01	17.36	17.89	23.91	23.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.98	18.19	17.14	17.37	18.08	23.74	23.98
5300MHz	Pass	4.98	18.04	17.30	17.11	18.19	23.71	23.98
5320MHz	Pass	4.98	18.12	17.34	17.37	18.04	23.75	23.98
5500MHz	Pass	4.98	17.89	17.58	17.44	17.62	23.66	23.98
5580MHz	Pass	4.98	17.80	17.72	17.68	18.13	23.86	23.98
5700MHz	Pass	4.98	16.40	15.98	15.96	16.28	22.18	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.98	15.99	15.64	15.41	15.93	21.77	22.96



Average Power

Appendix B

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	4.98	11.35	10.57	10.57	11.24	16.97	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.98	18.19	17.58	17.24	17.99	23.79	23.98
5310MHz	Pass	4.98	18.16	17.72	17.25	18.03	23.82	23.98
5510MHz	Pass	4.98	18.16	17.67	17.58	18.29	23.96	23.98
5550MHz	Pass	4.98	18.01	17.59	17.58	18.23	23.88	23.98
5670MHz	Pass	4.98	18.17	17.52	17.46	18.17	23.86	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.98	18.18	17.56	17.50	18.20	23.89	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.98	8.44	7.53	7.72	8.35	14.05	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.98	18.20	17.63	17.22	18.07	23.82	23.98
5530MHz	Pass	4.98	17.95	17.52	17.47	18.18	23.81	23.98
5610MHz	Pass	4.98	17.85	17.53	17.40	18.35	23.82	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.98	17.94	17.58	17.46	18.31	23.86	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.98	4.57	3.64	3.89	4.46	10.18	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.98	14.56	13.90	13.39	13.37	19.85	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.98	14.79	14.04	13.11	13.60	19.95	23.98
5570MHz	Pass	4.98	18.08	18.32	17.30	17.83	23.92	23.98
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.94	17.10	16.28	16.32	17.23	22.77	23.04
5300MHz	Pass	6.94	16.91	16.40	16.32	17.11	22.72	23.04
5320MHz	Pass	6.94	16.86	16.33	16.22	16.82	22.59	23.04
5500MHz	Pass	7.39	16.48	16.21	16.28	16.60	22.42	22.59
5580MHz	Pass	7.39	16.40	16.03	16.00	16.66	22.30	22.59
5700MHz	Pass	7.39	16.51	16.25	16.41	16.47	22.43	22.59
5720MHz Straddle 5.47-5.725GHz	Pass	7.39	15.68	15.34	15.29	15.59	21.50	21.58
5720MHz Straddle 5.725-5.85GHz	Pass	7.39	9.85	9.32	9.34	9.74	15.59	28.61
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.94	17.15	16.68	16.25	17.14	22.84	23.04
5310MHz	Pass	6.94	17.15	16.80	16.19	17.25	22.89	23.04
5510MHz	Pass	7.39	16.49	16.22	16.12	16.64	22.39	22.59
5550MHz	Pass	7.39	16.56	16.16	16.05	16.54	22.35	22.59
5670MHz	Pass	7.39	16.27	15.82	16.07	16.48	22.19	22.59
5710MHz Straddle 5.47-5.725GHz	Pass	7.39	16.74	16.25	16.26	16.84	22.55	22.59
5710MHz Straddle 5.725-5.85GHz	Pass	7.39	6.44	5.49	5.66	6.16	11.97	28.61
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.94	16.29	15.68	15.34	16.16	21.90	23.04
5530MHz	Pass	7.39	16.26	15.89	15.74	16.40	22.10	22.59
5610MHz	Pass	7.39	16.47	15.99	16.12	16.83	22.39	22.59
5690MHz Straddle 5.47-5.725GHz	Pass	7.39	16.23	15.91	15.94	16.68	22.22	22.59
5690MHz Straddle 5.725-5.85GHz	Pass	7.39	2.19	1.48	1.58	2.20	7.90	28.61
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.36	13.58	13.01	12.40	12.40	18.90	28.64
5250MHz Straddle 5.25-5.35GHz	Pass	6.94	13.96	13.35	12.36	12.66	19.15	23.04



Average Power

Appendix B

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5570MHz	Pass	7.39	16.80	16.45	16.06	16.30	22.43	22.59
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.94	17.15	16.31	16.33	17.35	22.83	23.04
5300MHz	Pass	6.94	17.06	16.59	16.43	17.29	22.88	23.04
5320MHz	Pass	6.94	17.05	16.39	16.42	17.22	22.81	23.04
5500MHz	Pass	7.39	16.50	16.27	16.41	16.78	22.51	22.59
5580MHz	Pass	7.39	16.47	16.15	16.19	16.72	22.41	22.59
5700MHz	Pass	7.39	16.67	16.32	16.43	16.55	22.52	22.59
5720MHz Straddle 5.47-5.725GHz	Pass	7.39	15.57	15.26	15.26	15.65	21.46	21.55
5720MHz Straddle 5.725-5.85GHz	Pass	7.39	10.35	9.70	9.82	10.09	16.02	28.61
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.94	17.30	16.81	16.38	17.34	23.00	23.04
5310MHz	Pass	6.94	17.40	16.83	16.30	17.36	23.02	23.04
5510MHz	Pass	7.39	16.70	16.26	16.15	16.72	22.49	22.59
5550MHz	Pass	7.39	16.66	16.30	16.20	16.70	22.49	22.59
5670MHz	Pass	7.39	16.60	16.13	16.27	16.75	22.47	22.59
5710MHz Straddle 5.47-5.725GHz	Pass	7.39	16.73	16.26	16.23	16.84	22.54	22.59
5710MHz Straddle 5.725-5.85GHz	Pass	7.39	6.94	6.11	6.25	6.77	12.55	28.61
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.94	16.43	15.95	15.46	16.27	22.06	23.04
5530MHz	Pass	7.39	16.58	16.19	15.92	16.63	22.36	22.59
5610MHz	Pass	7.39	16.63	16.08	16.20	17.07	22.53	22.59
5690MHz Straddle 5.47-5.725GHz	Pass	7.39	16.47	16.15	16.21	16.86	22.45	22.59
5690MHz Straddle 5.725-5.85GHz	Pass	7.39	2.91	2.15	2.47	2.95	8.65	28.61
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.36	13.88	13.20	12.75	12.77	19.20	28.64
5250MHz Straddle 5.25-5.35GHz	Pass	6.94	14.09	13.35	12.42	12.95	19.27	23.04
5570MHz	Pass	7.39	17.02	16.47	16.18	16.53	22.58	22.59

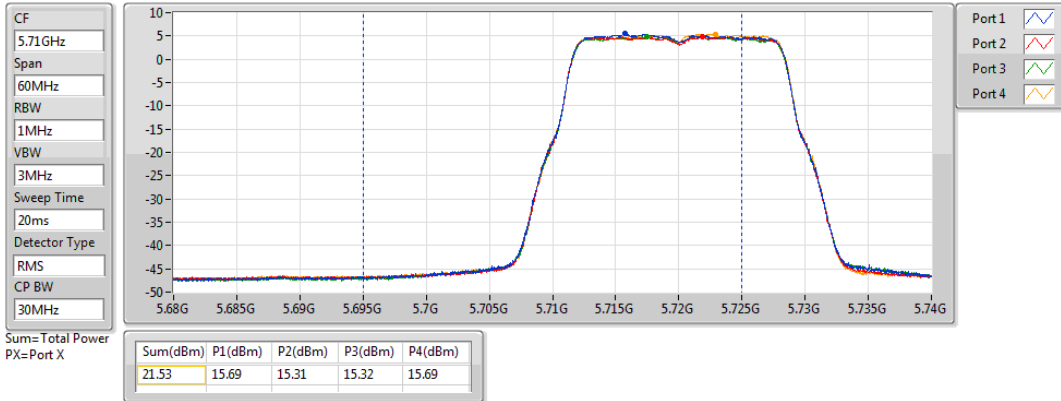
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/01/2020

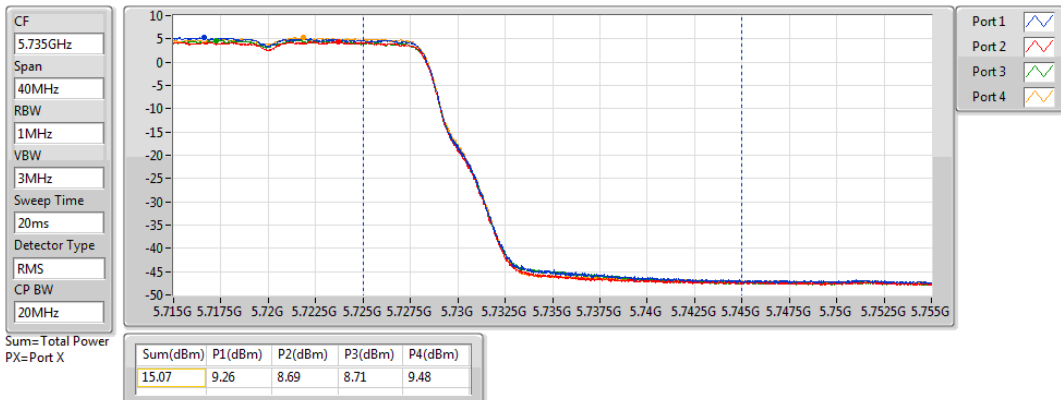


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/01/2020

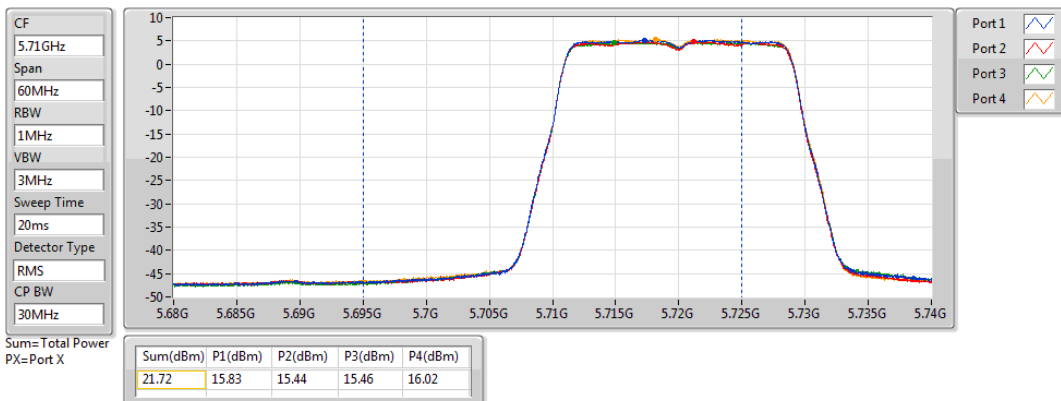


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/01/2020

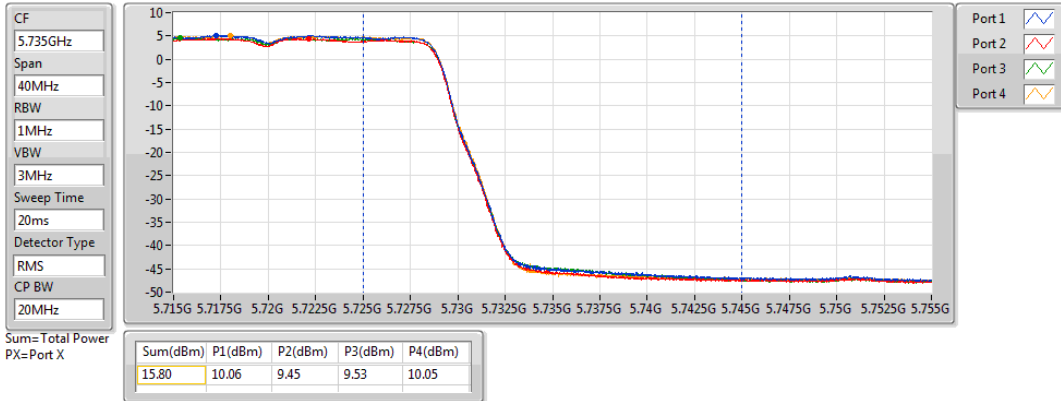


802.11ac VHT20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/01/2020

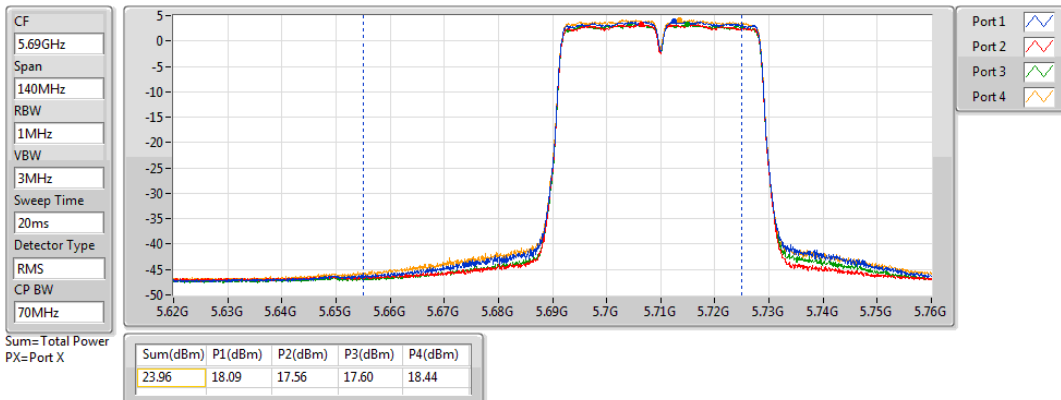


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/01/2020

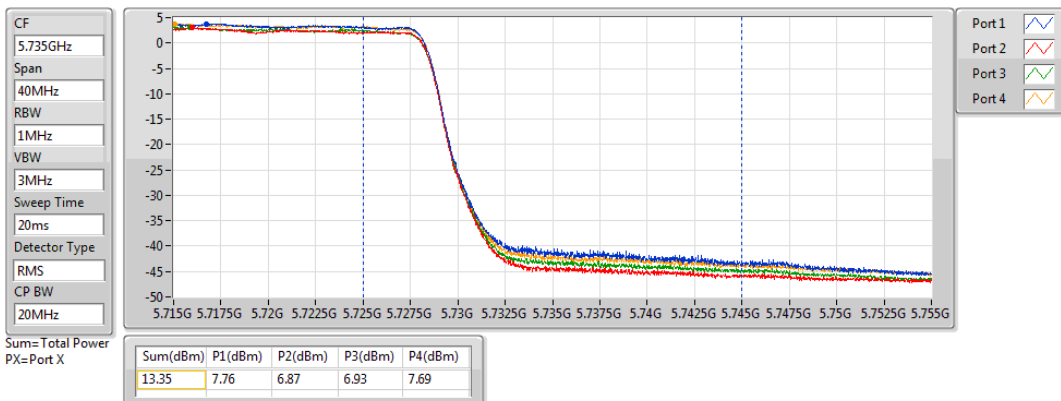


802.11ac VHT40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/01/2020

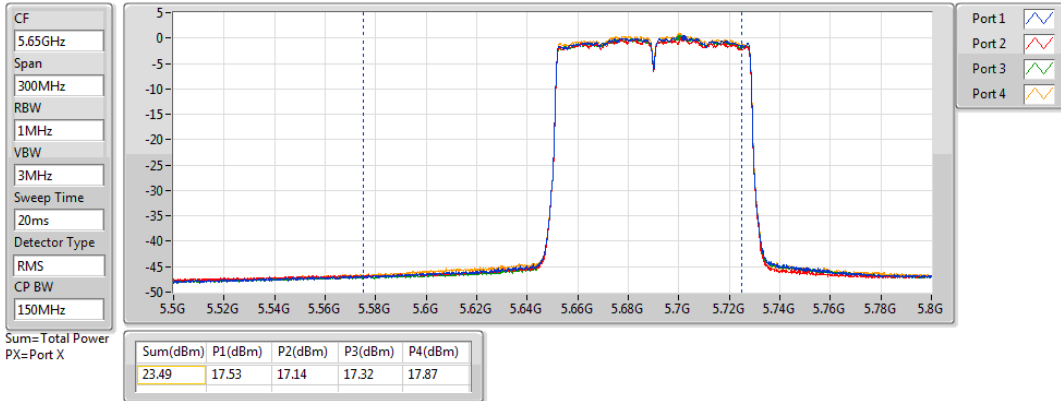


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/01/2020

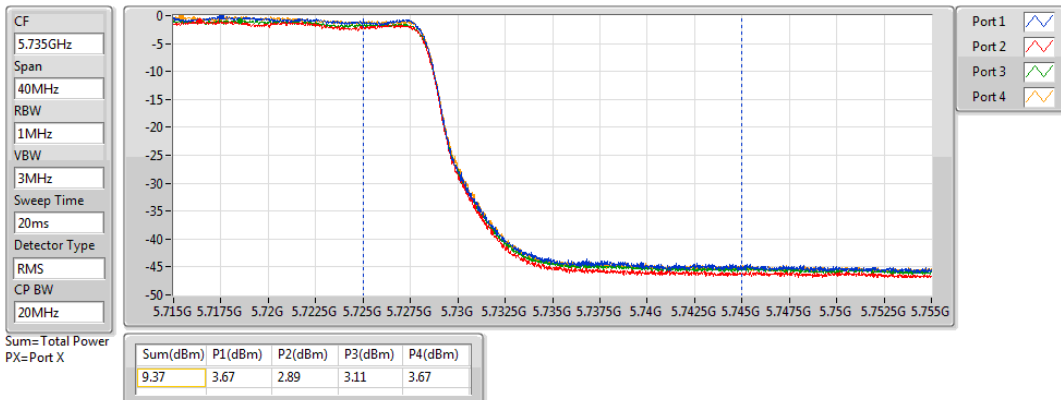


802.11ac VHT80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/01/2020

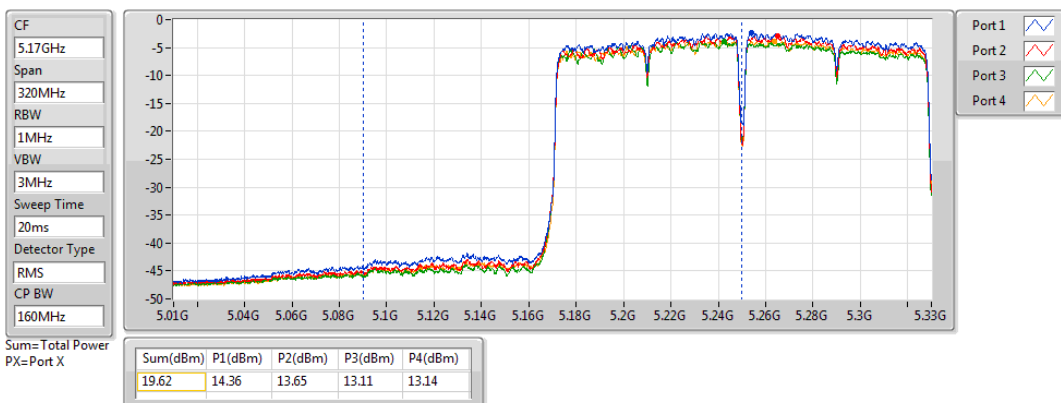


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/01/2020

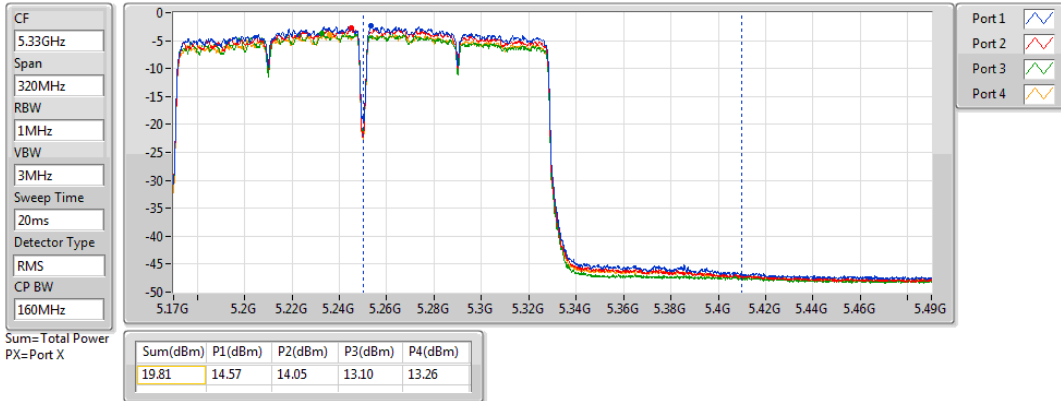


802.11ac VHT160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/01/2020

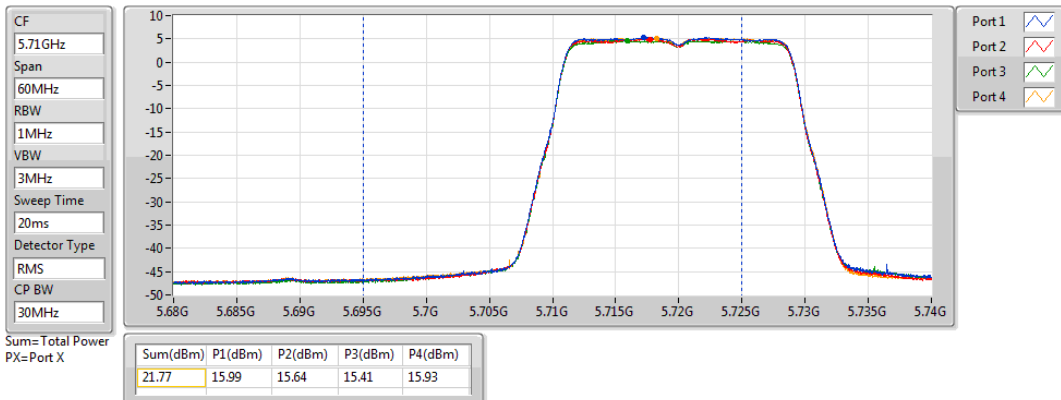


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/01/2020

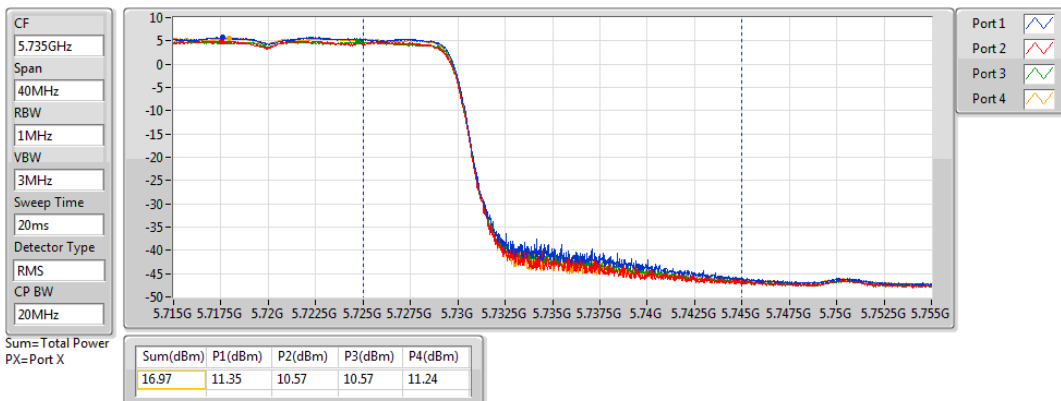


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/01/2020

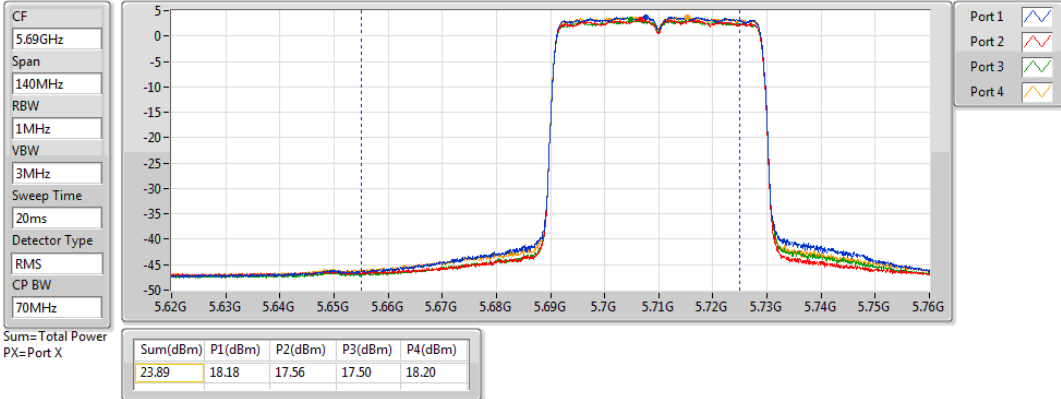


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/01/2020

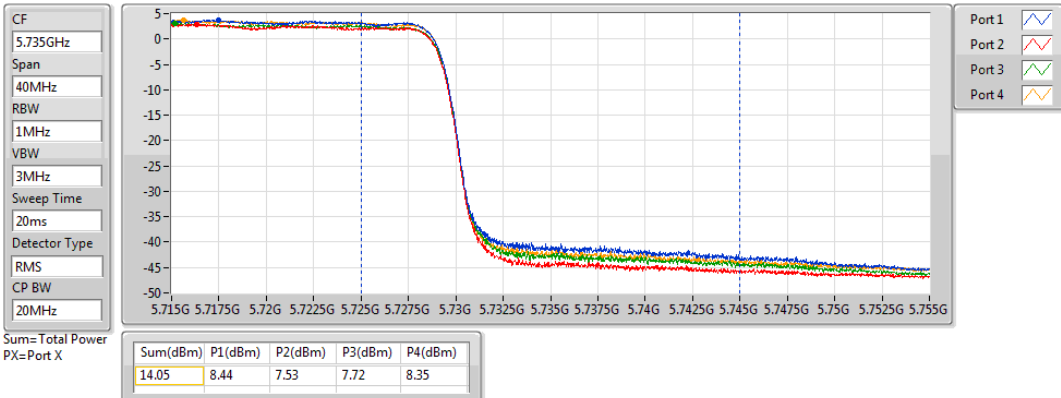


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/01/2020

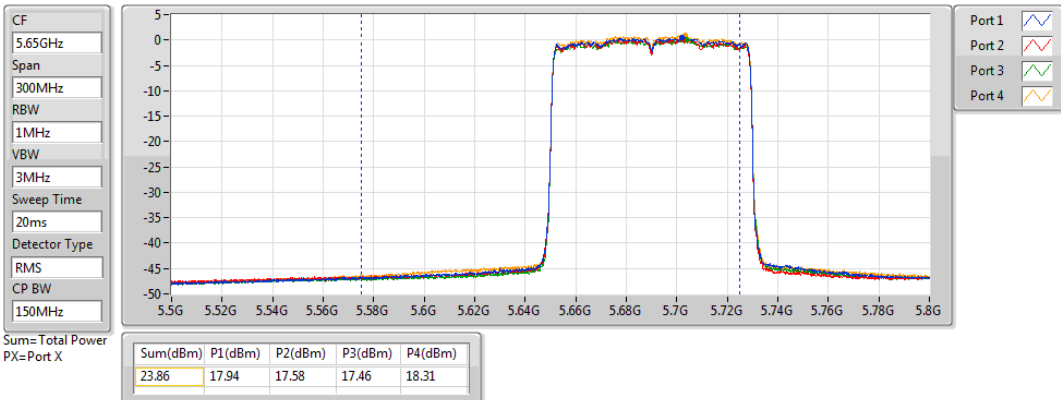


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/01/2020

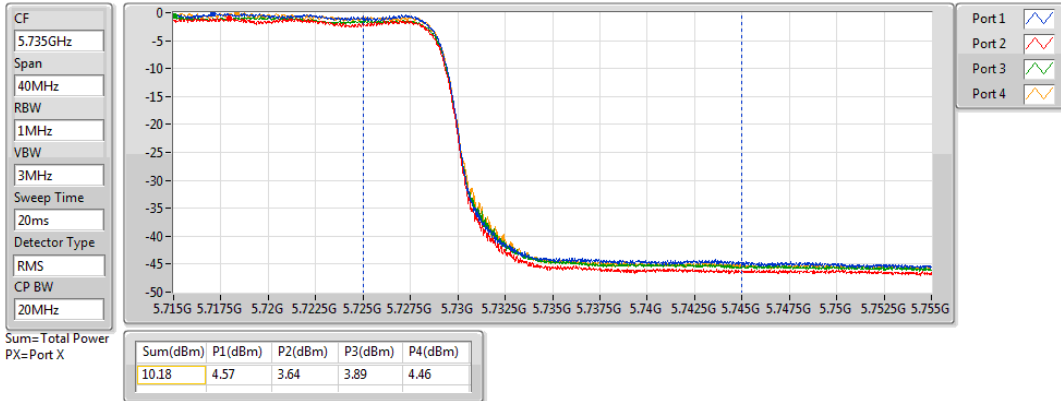


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/01/2020

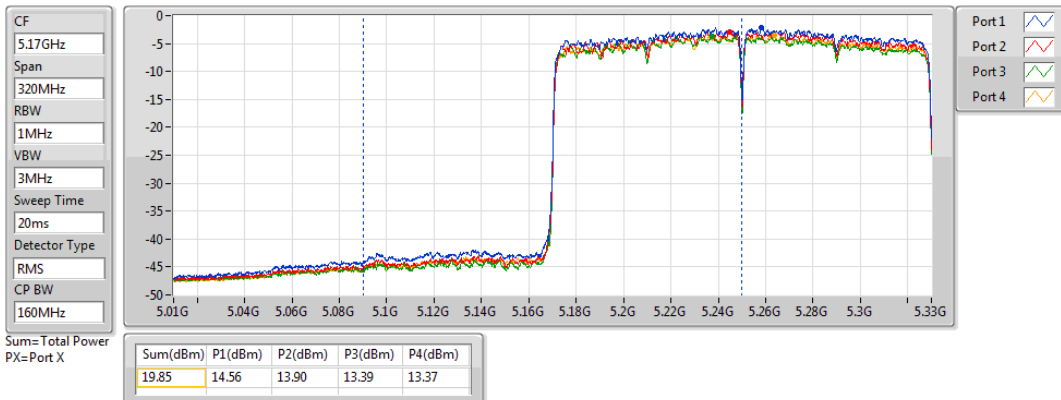


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/01/2020

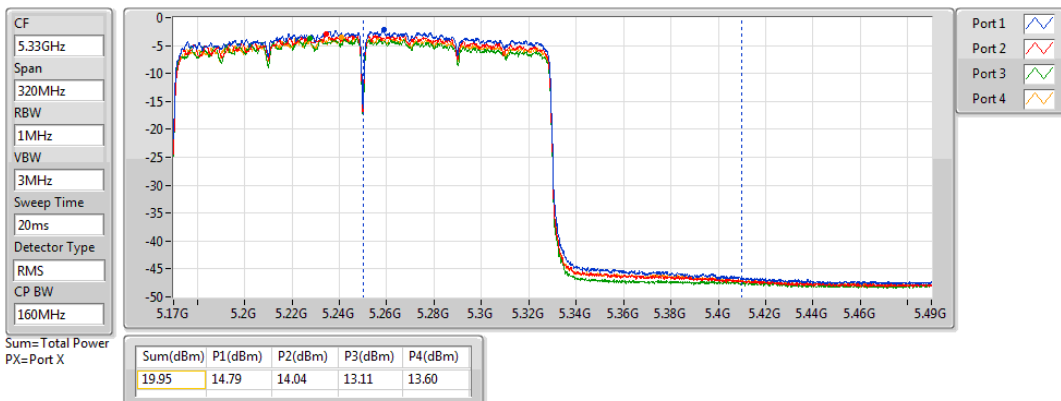


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

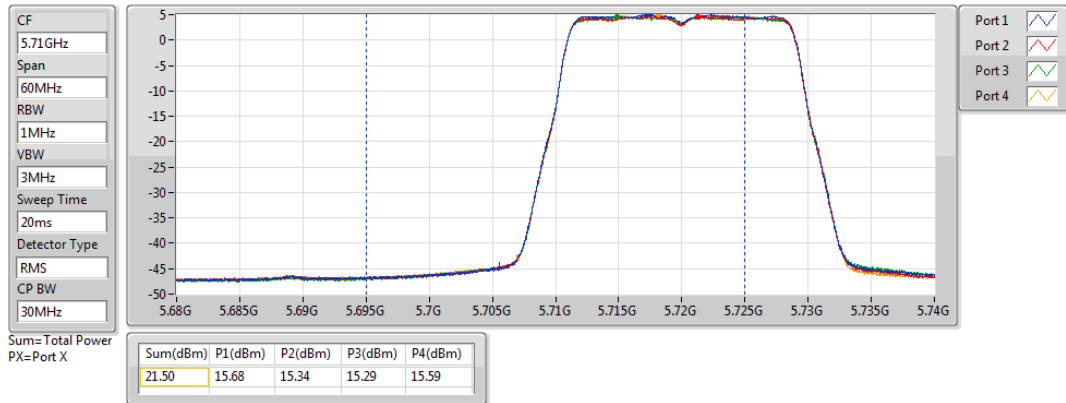
07/01/2020



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

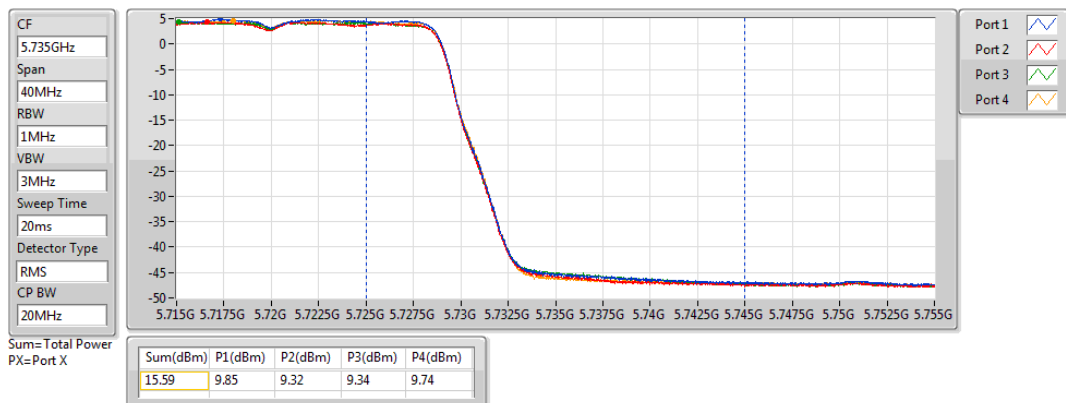
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

AV Power

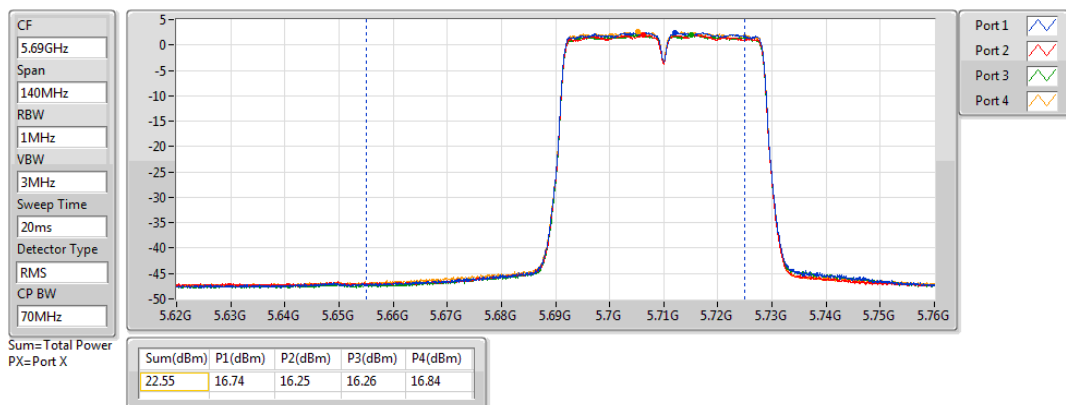
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

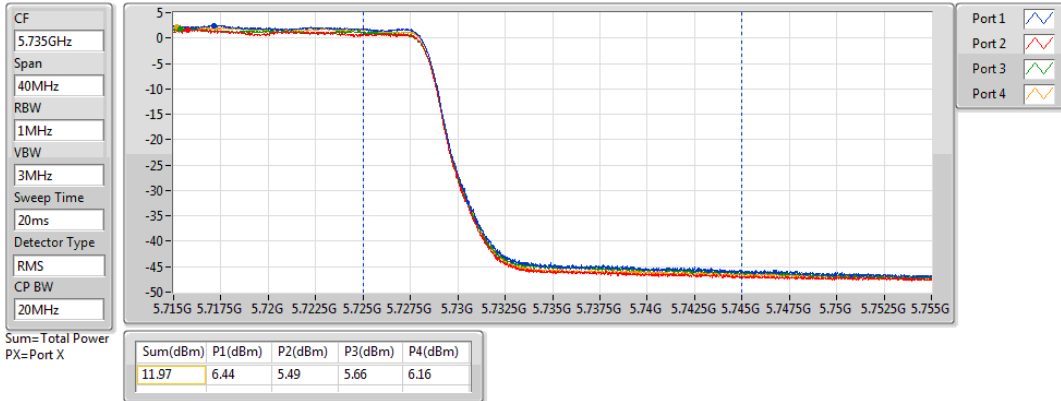


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/01/2020

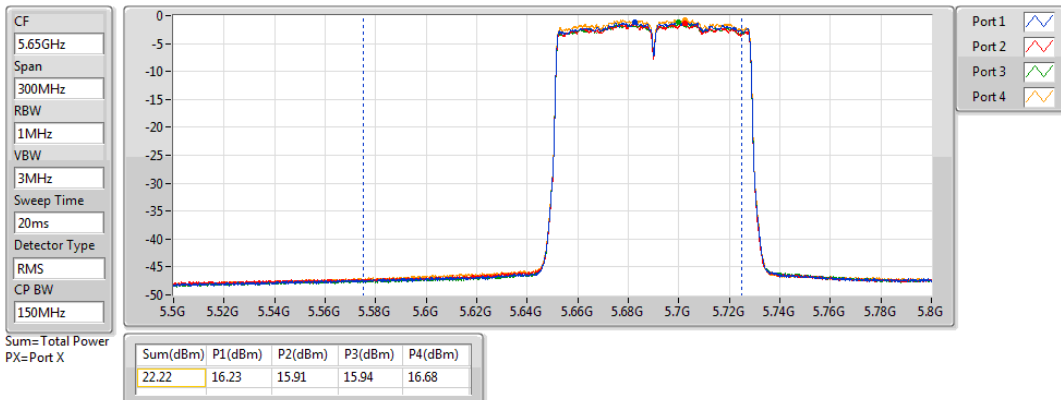


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/01/2020

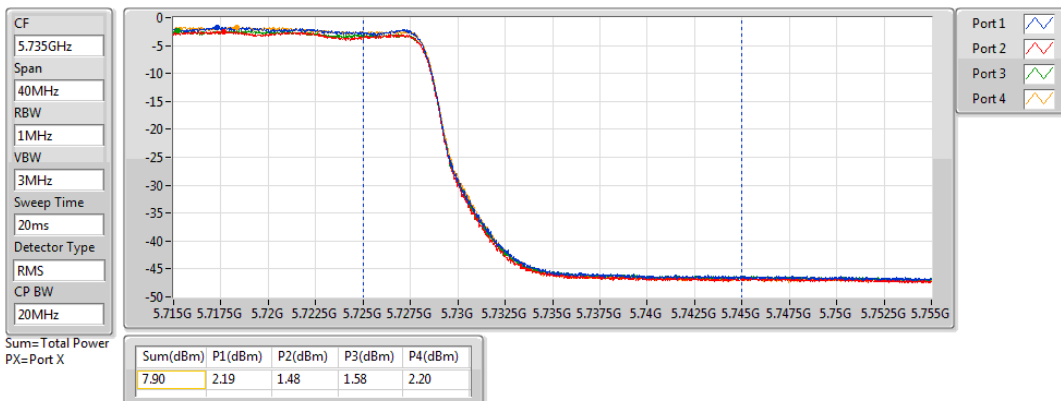


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/01/2020

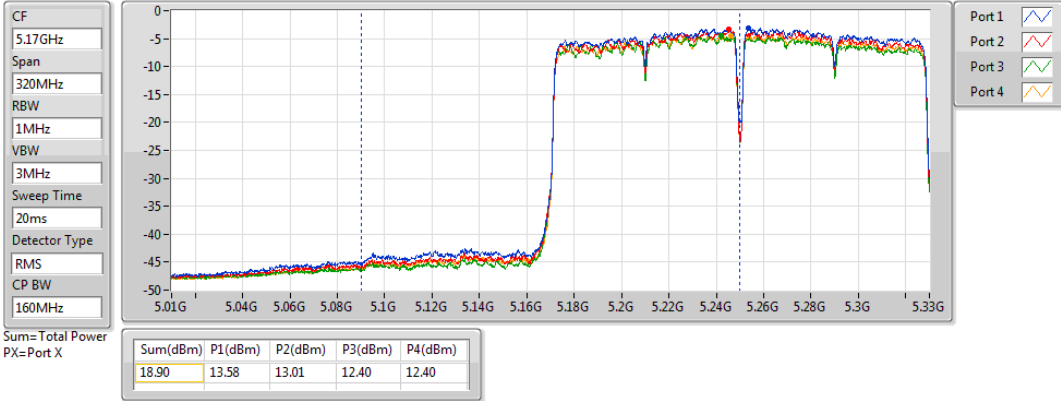


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/01/2020

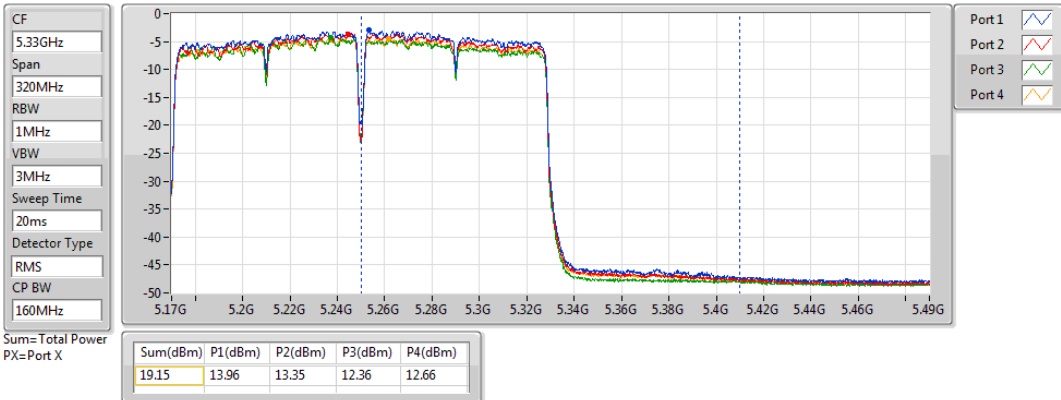


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/01/2020

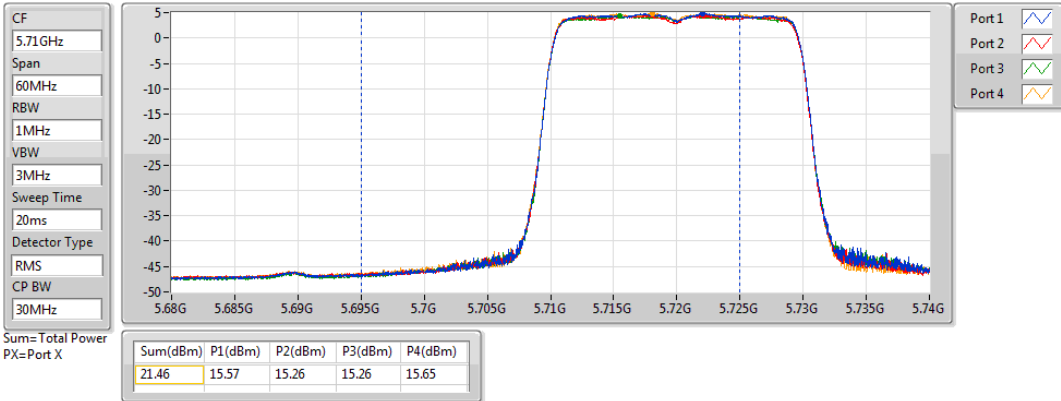


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/01/2020

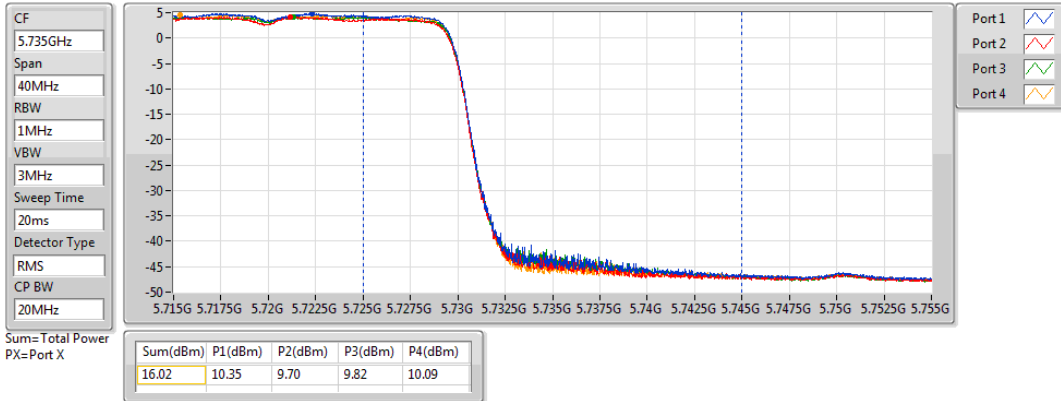


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/01/2020

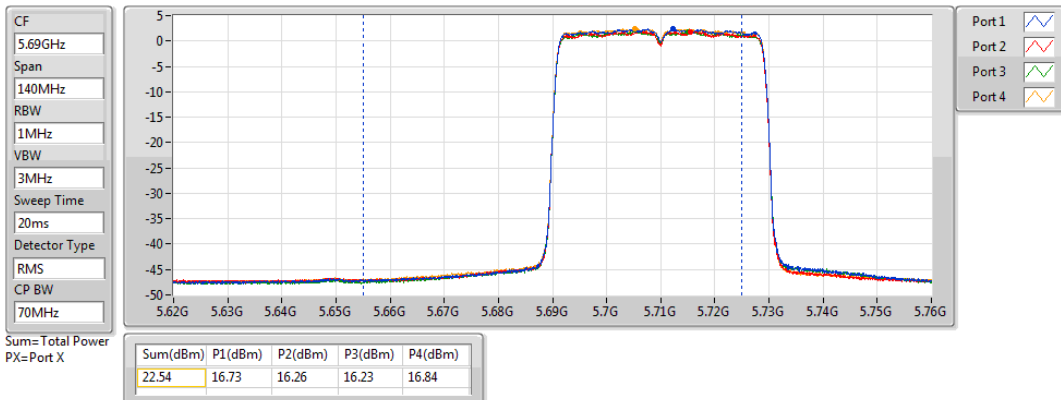


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/01/2020

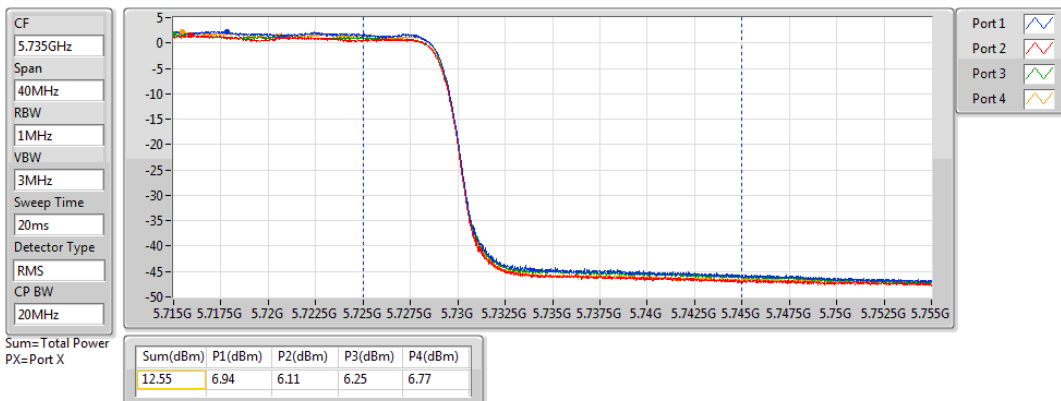


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/01/2020

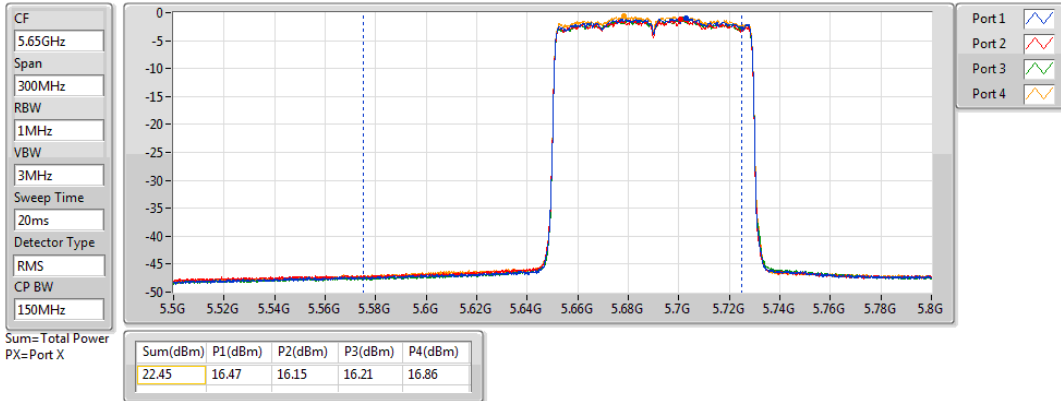


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/01/2020

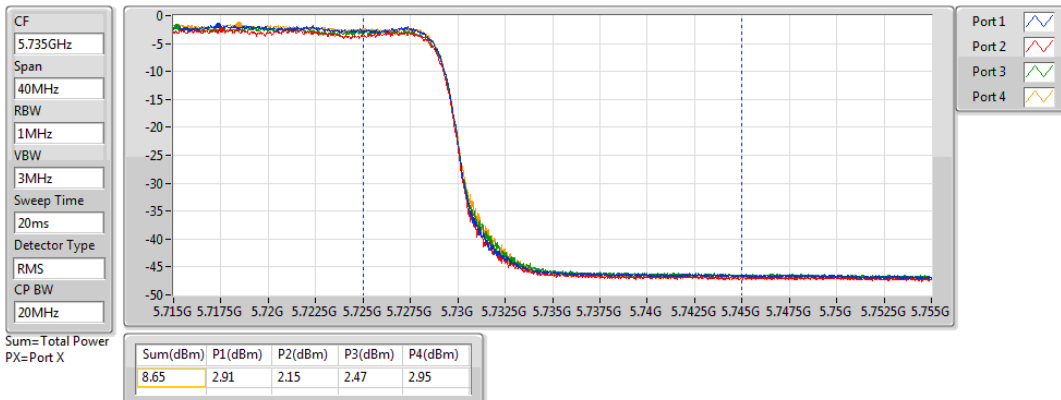


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/01/2020

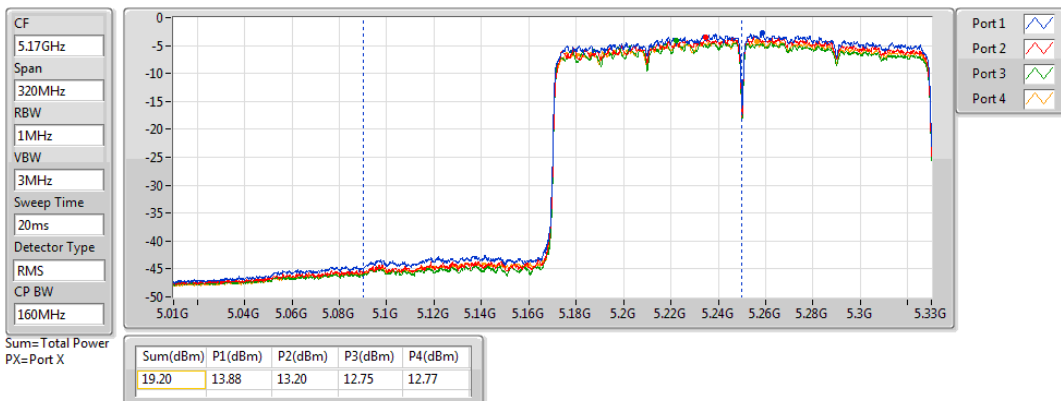


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/01/2020

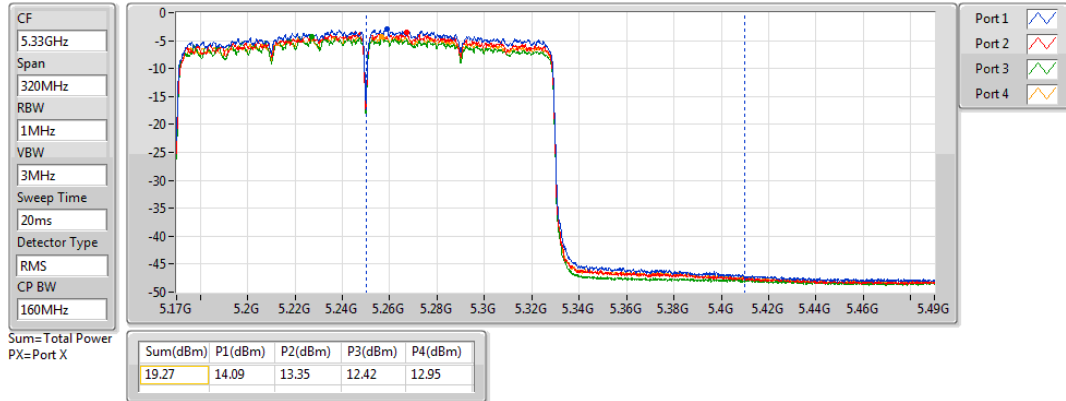


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/01/2020



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	1.14
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.46
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.93
802.11ax HEW20_Nss1,(MCS0)_4TX	9.39
802.11ax HEW40_Nss1,(MCS0)_4TX	6.51
802.11ax HEW80_Nss1,(MCS0)_4TX	3.88
802.11ax HEW160_Nss1,(MCS0)_4TX	1.15
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.67
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.54
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.02
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.52
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.60
802.11ax HEW20_Nss1,(MCS0)_4TX	9.57
802.11ax HEW40_Nss1,(MCS0)_4TX	7.90
802.11ax HEW80_Nss1,(MCS0)_4TX	4.84
802.11ax HEW160_Nss1,(MCS0)_4TX	2.25
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.04
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.49
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.37
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.59
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.41
802.11ax HEW20_Nss1,(MCS0)_4TX	7.98
802.11ax HEW40_Nss1,(MCS0)_4TX	5.68
802.11ax HEW80_Nss1,(MCS0)_4TX	2.09
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.45
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.66

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.94	4.43	3.92	3.73	4.39	9.91	10.06
5300MHz	Pass	6.94	4.30	3.83	3.57	4.28	9.85	10.06
5320MHz	Pass	6.94	4.53	3.71	3.65	4.43	9.93	10.06
5500MHz	Pass	7.39	3.90	3.42	3.43	4.11	9.57	9.61
5580MHz	Pass	7.39	3.98	3.33	3.42	4.14	9.60	9.61
5700MHz	Pass	7.39	3.87	3.18	3.25	3.69	9.39	9.61
5720MHz Straddle 5.47-5.725GHz	Pass	7.39	3.75	3.21	3.34	3.75	9.41	9.61
5720MHz Straddle 5.725-5.85GHz	Pass	7.39	1.72	1.09	1.13	1.85	7.41	28.61
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.94	4.06	3.07	3.25	3.99	9.39	10.06
5300MHz	Pass	6.94	3.76	3.18	3.02	3.77	9.27	10.06
5320MHz	Pass	6.94	3.82	3.20	3.29	3.82	9.39	10.06
5500MHz	Pass	7.39	3.73	3.35	3.31	3.81	9.41	9.61
5580MHz	Pass	7.39	3.69	3.50	3.55	3.97	9.54	9.61
5700MHz	Pass	7.39	2.33	1.77	1.76	1.94	7.81	9.61
5720MHz Straddle 5.47-5.725GHz	Pass	7.39	3.95	3.44	3.35	4.00	9.57	9.61
5720MHz Straddle 5.725-5.85GHz	Pass	7.39	2.44	1.63	1.64	2.47	7.98	28.61
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.94	1.24	0.54	0.11	1.06	6.51	10.06
5310MHz	Pass	6.94	1.07	0.70	0.31	0.49	6.49	10.06
5510MHz	Pass	7.39	1.12	0.67	0.66	1.11	6.72	9.61
5550MHz	Pass	7.39	1.03	0.43	0.64	1.03	6.59	9.61
5670MHz	Pass	7.39	1.16	0.44	0.57	1.23	6.72	9.61
5710MHz Straddle 5.47-5.725GHz	Pass	7.39	2.41	1.79	1.66	2.41	7.90	9.61
5710MHz Straddle 5.725-5.85GHz	Pass	7.39	0.16	-0.97	-0.58	0.10	5.68	28.61
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.94	-1.44	-2.12	-2.46	-1.79	3.88	10.06
5530MHz	Pass	7.39	-1.64	-2.26	-1.96	-1.24	4.05	9.61
5610MHz	Pass	7.39	-0.88	-1.38	-1.43	-0.54	4.84	9.61
5690MHz Straddle 5.47-5.725GHz	Pass	7.39	-1.04	-1.51	-1.50	-0.73	4.73	9.61
5690MHz Straddle 5.725-5.85GHz	Pass	7.39	-3.27	-4.43	-4.27	-3.70	2.09	28.61
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.36	-3.73	-4.33	-5.11	-5.23	1.14	15.64
5250MHz Straddle 5.25-5.35GHz	Pass	6.94	-3.56	-4.64	-5.33	-5.15	1.15	10.06
5570MHz	Pass	7.39	-3.24	-3.49	-4.10	-3.47	2.25	9.61
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.94	3.31	2.37	2.57	3.17	8.67	10.06
5300MHz	Pass	6.94	3.01	2.44	2.35	3.02	8.53	10.06
5320MHz	Pass	6.94	2.94	2.31	2.32	2.86	8.42	10.06
5500MHz	Pass	7.39	2.45	2.15	2.28	2.62	8.25	9.61
5580MHz	Pass	7.39	2.49	2.14	2.16	2.51	8.18	9.61
5700MHz	Pass	7.39	2.81	2.42	2.36	2.52	8.37	9.61
5720MHz Straddle 5.47-5.725GHz	Pass	7.39	3.41	3.09	2.78	3.28	9.04	9.61

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	7.38	1.56	0.81	1.12	1.37	7.10	28.62
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.94	0.05	-0.41	-0.77	0.01	5.54	10.06
5310MHz	Pass	6.94	0.07	-0.37	-0.85	0.02	5.54	10.06
5510MHz	Pass	7.39	-0.54	-1.04	-1.07	-0.58	5.08	9.61
5550MHz	Pass	7.39	-0.36	-0.81	-0.84	-0.38	5.18	9.61
5670MHz	Pass	7.39	-0.22	-0.91	-0.80	-0.34	5.27	9.61
5710MHz Straddle 5.47-5.725GHz	Pass	7.39	0.89	0.41	0.32	0.99	6.49	9.61
5710MHz Straddle 5.725-5.85GHz	Pass	7.39	-1.06	-2.14	-1.75	-1.16	4.45	28.61
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.94	-3.35	-3.99	-4.29	-3.53	2.02	10.06
5530MHz	Pass	7.39	-3.09	-3.86	-3.91	-3.30	2.41	9.61
5610MHz	Pass	7.39	-2.47	-2.86	-3.03	-1.93	3.32	9.61
5690MHz Straddle 5.47-5.725GHz	Pass	7.39	-2.46	-2.68	-2.82	-2.15	3.37	9.61
5690MHz Straddle 5.725-5.85GHz	Pass	7.39	-4.76	-5.76	-5.57	-4.99	0.66	28.61
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	7.36	-4.35	-4.89	-5.80	-5.77	0.46	15.64
5250MHz Straddle 5.25-5.35GHz	Pass	6.94	-4.24	-5.07	-6.22	-5.70	0.52	10.06
5570MHz	Pass	7.39	-4.56	-5.39	-5.77	-5.39	0.59	9.61

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

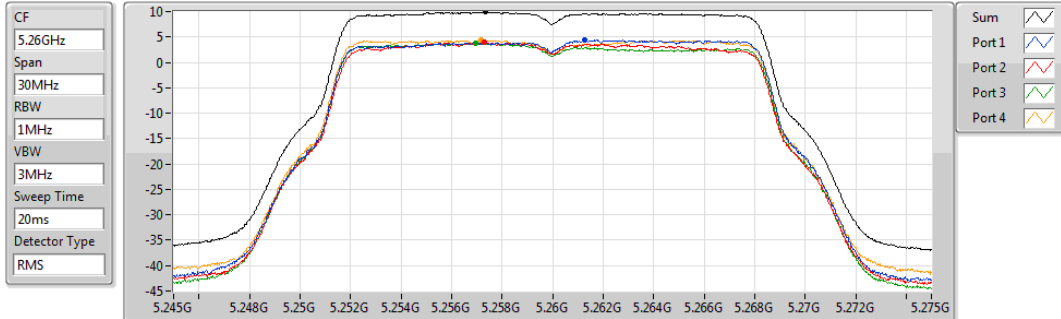
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

04/01/2020

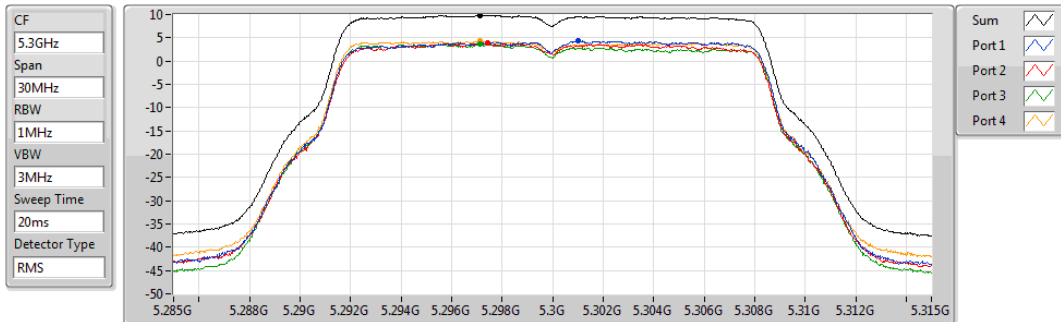


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

04/01/2020

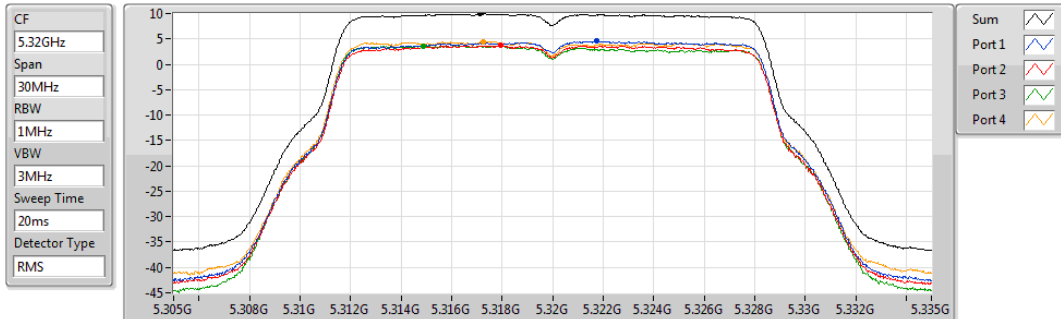


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

04/01/2020

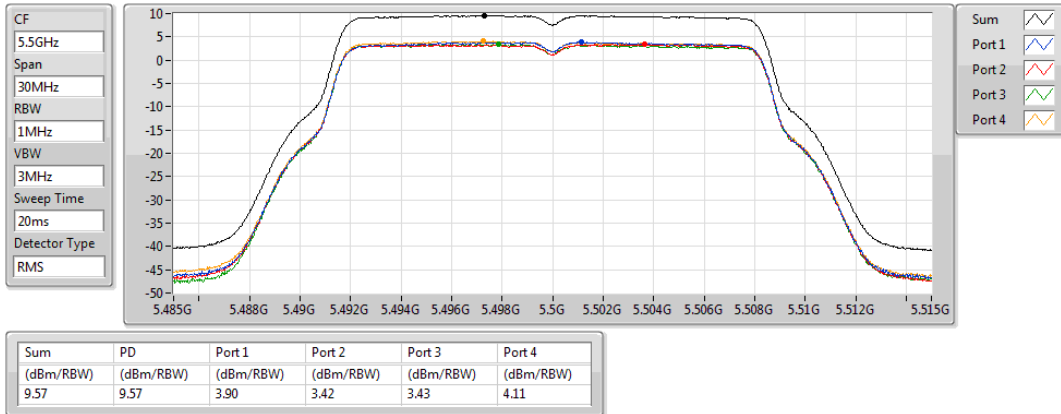


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

04/01/2020

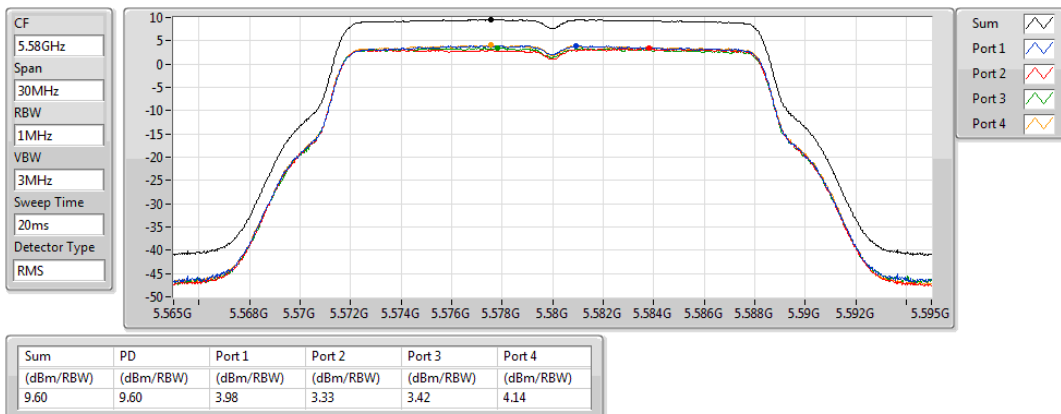


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

04/01/2020

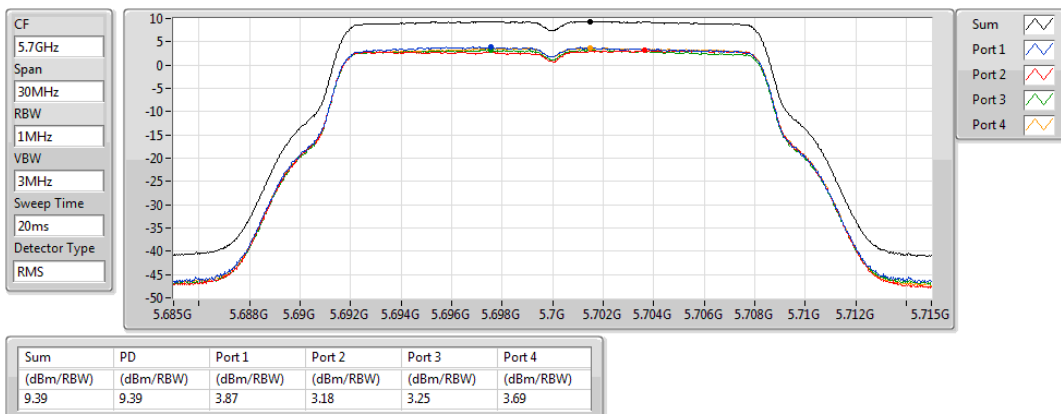


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

04/01/2020

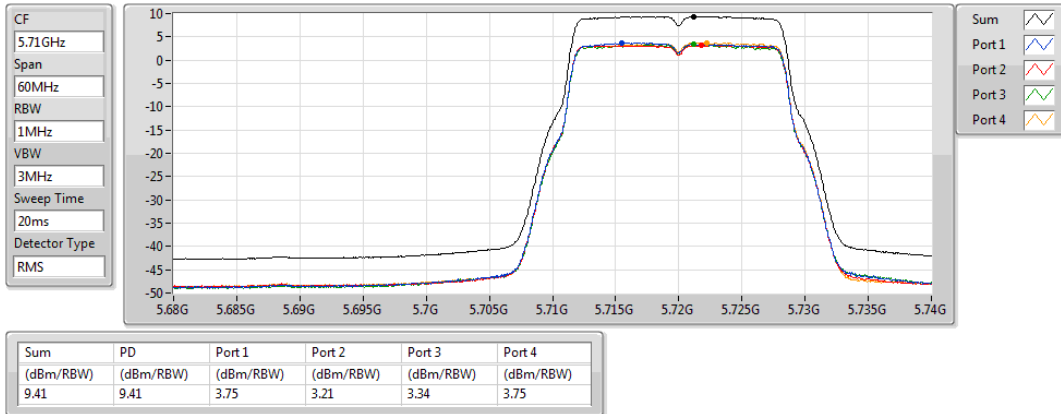


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

07/01/2020

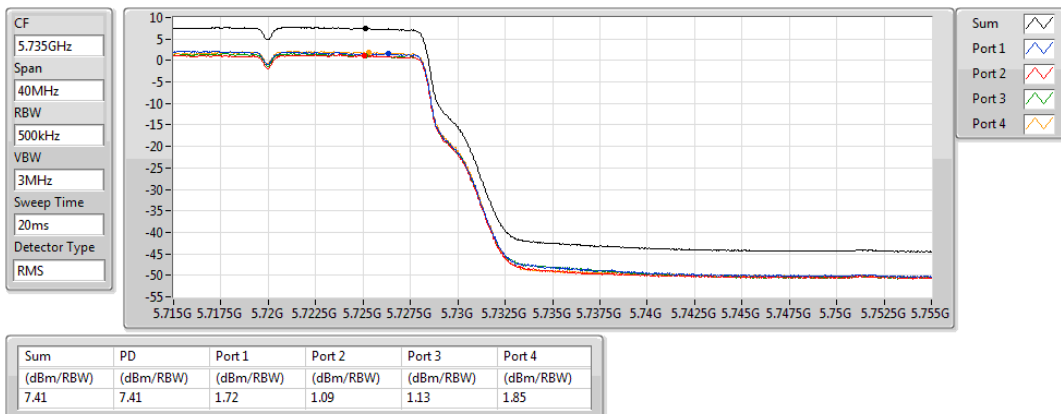


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

07/01/2020

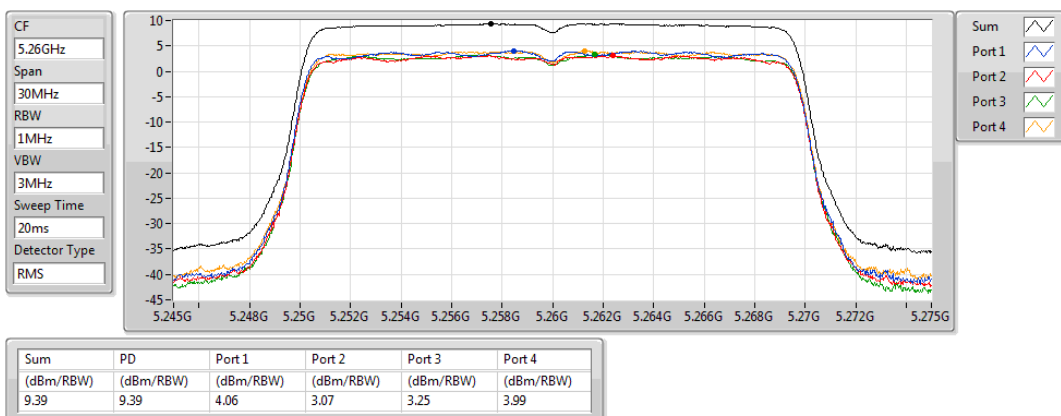


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

04/01/2020

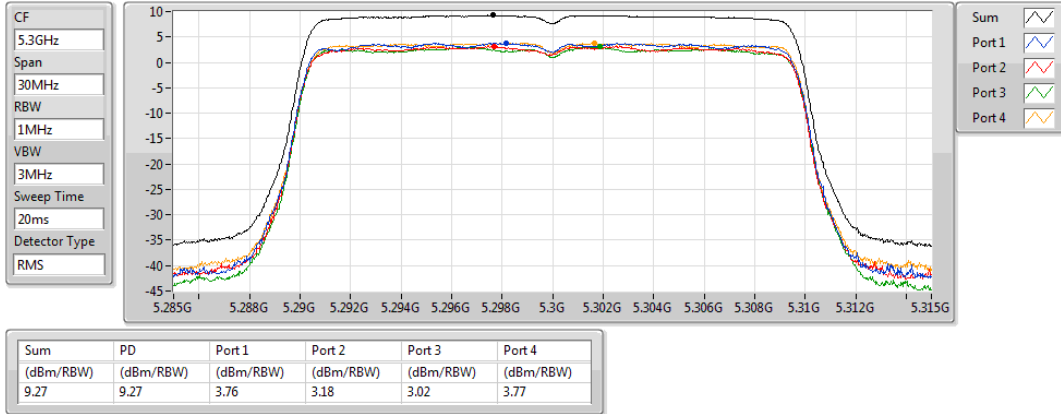


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

04/01/2020

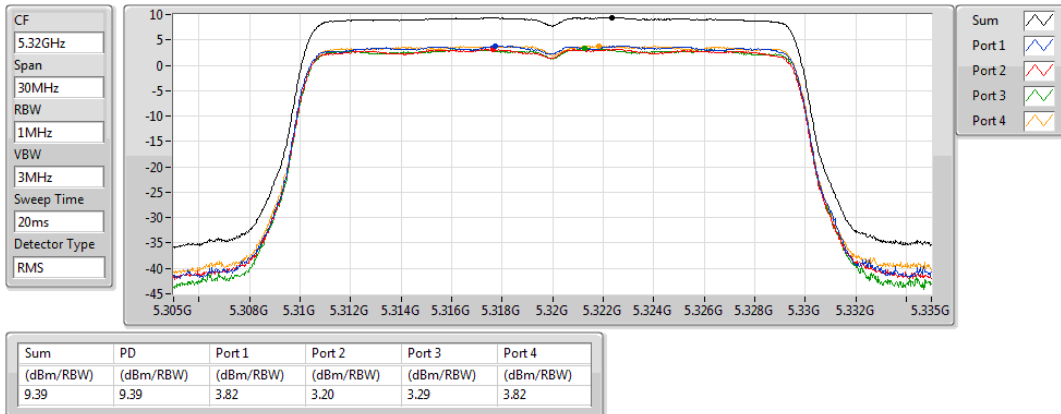


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

04/01/2020

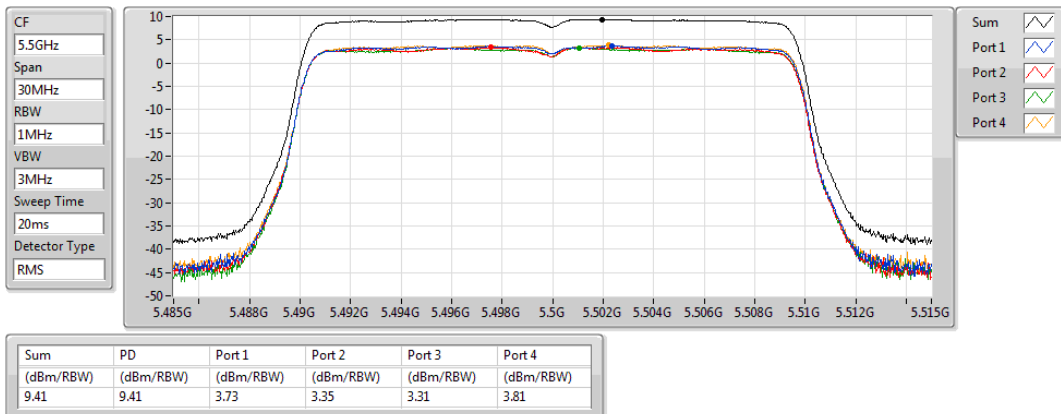


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

04/01/2020

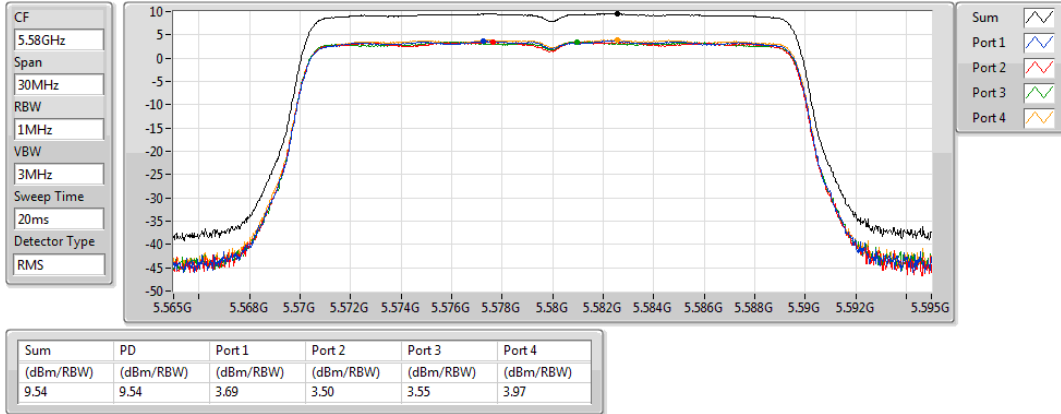


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

04/01/2020

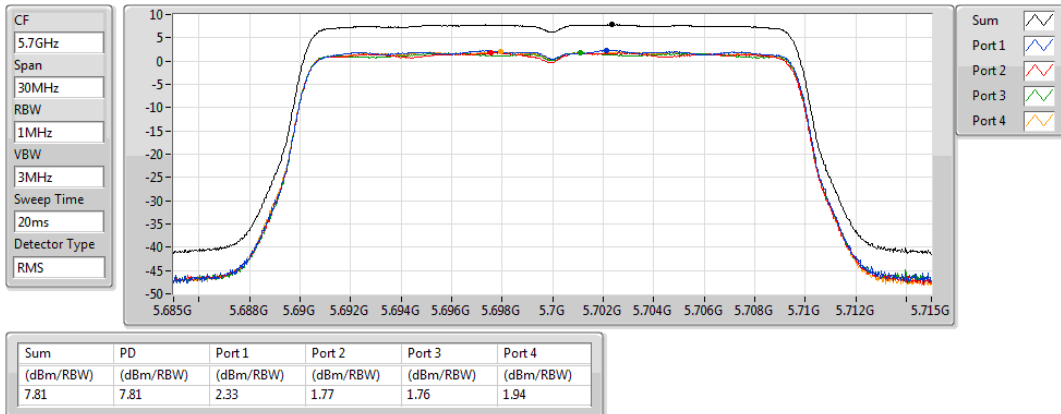


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

04/01/2020

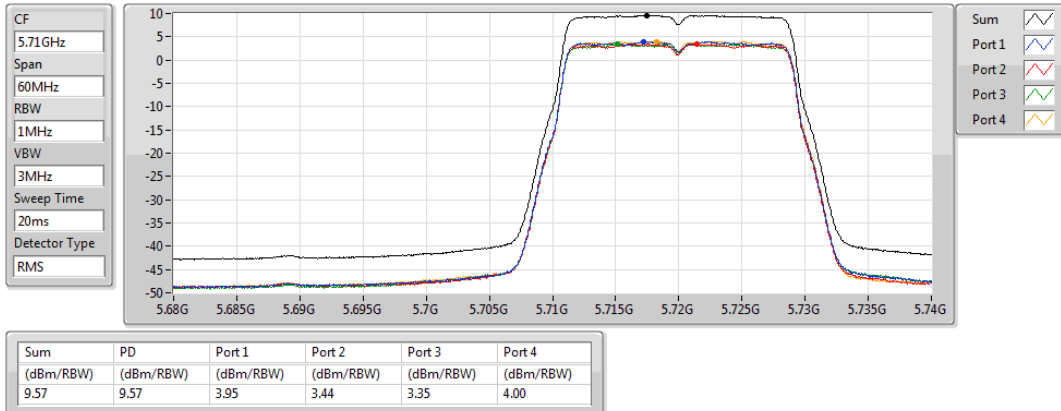


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

07/01/2020

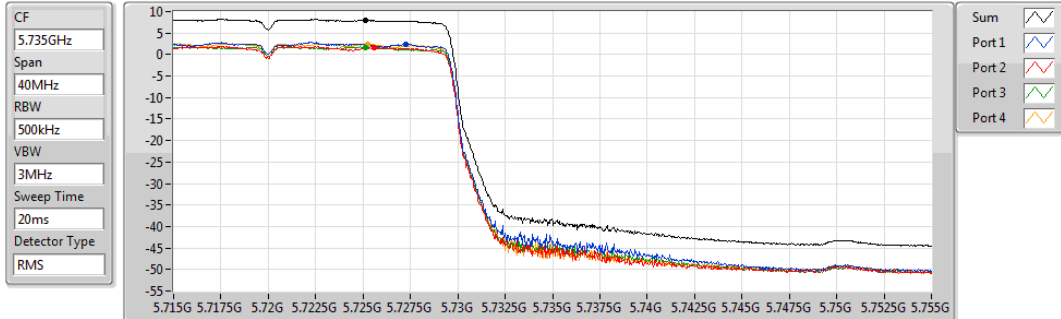


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

07/01/2020



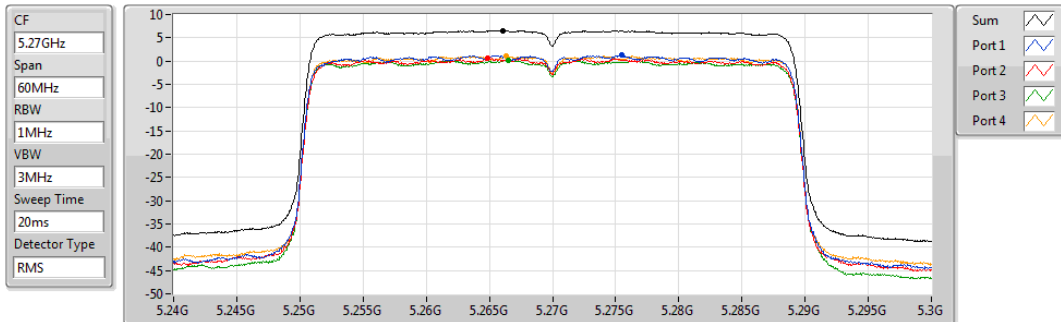
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	2.44	1.63	1.64	2.47

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

04/01/2020



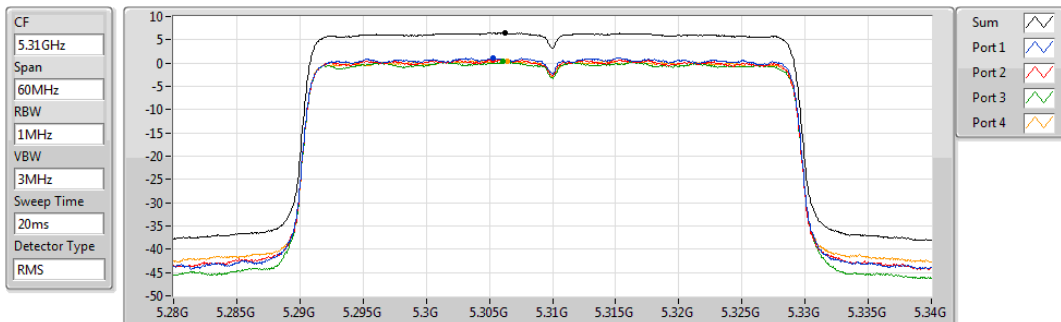
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	1.24	0.54	0.11	1.06

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

04/01/2020



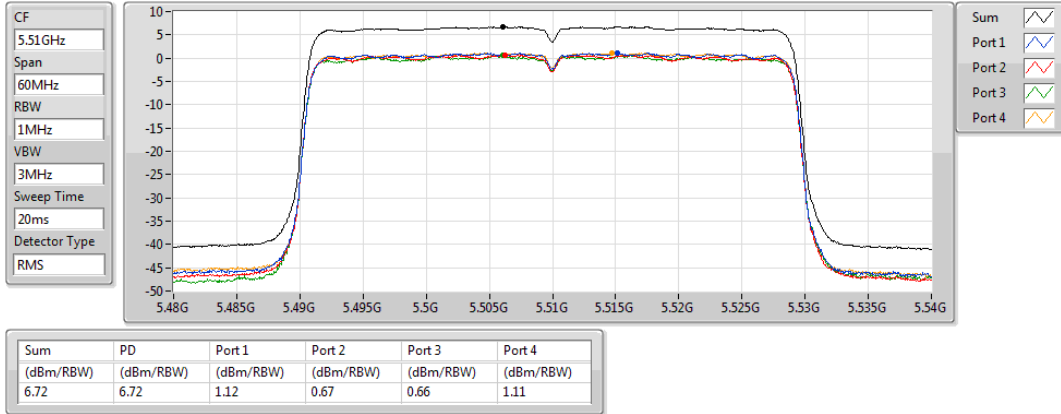
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.49	6.49	1.07	0.70	0.31	0.49

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

04/01/2020

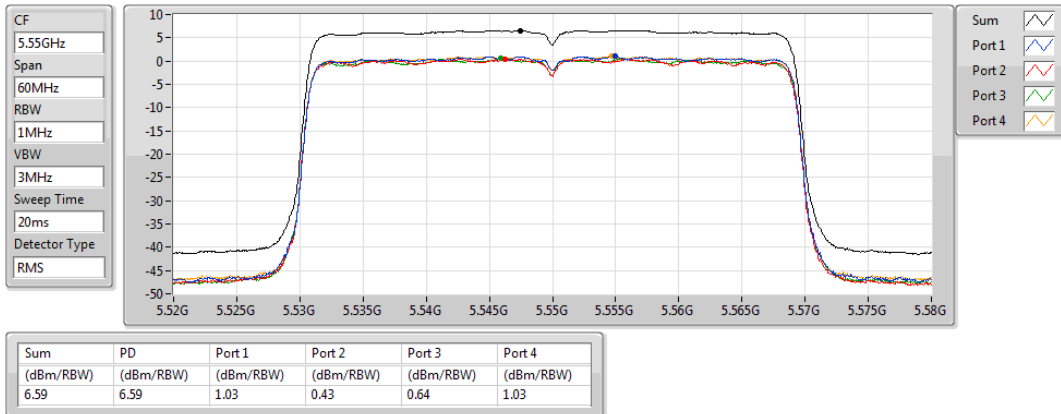


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

04/01/2020

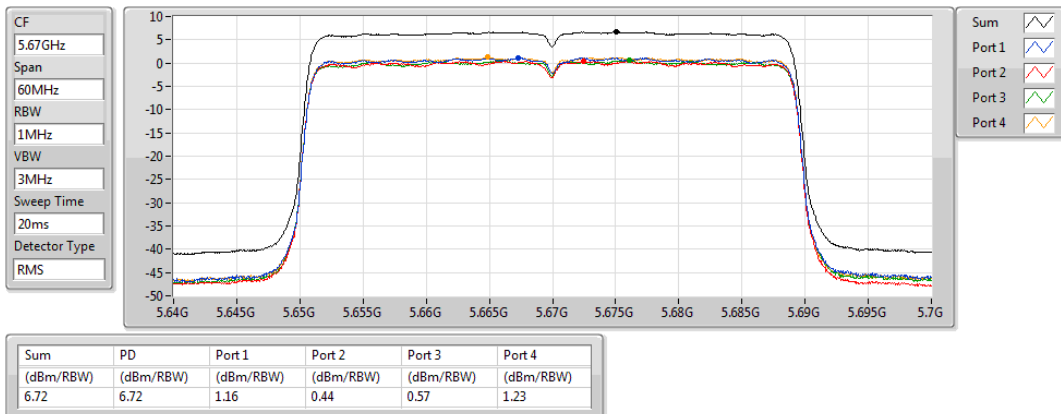


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

04/01/2020

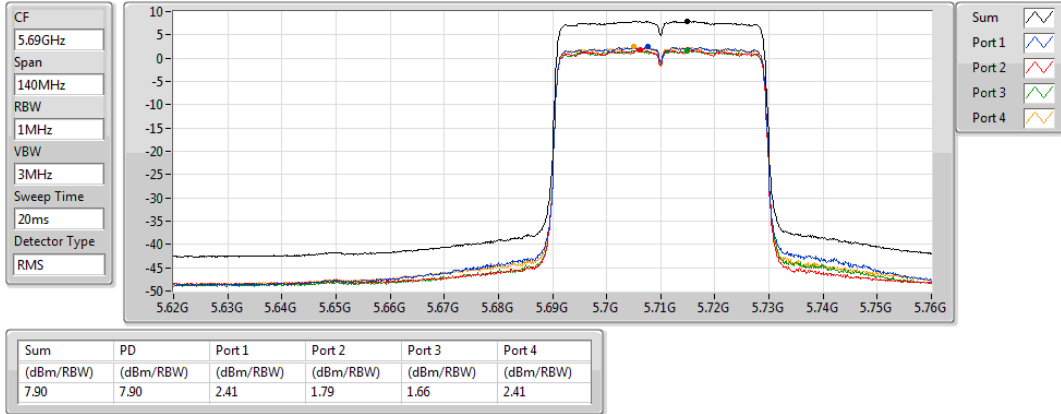


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

07/01/2020

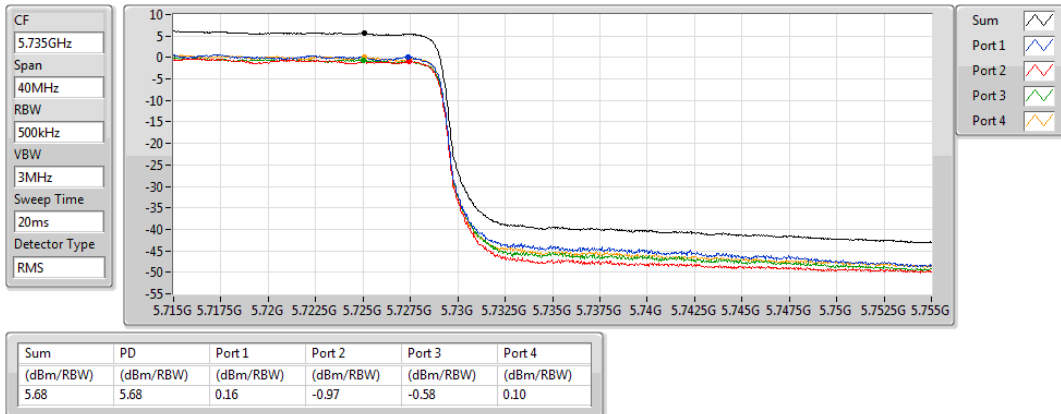


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

07/01/2020

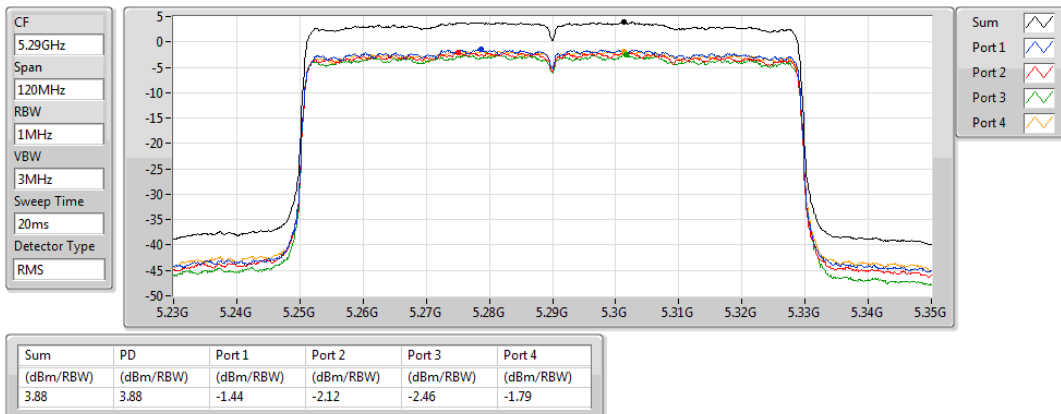


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

04/01/2020

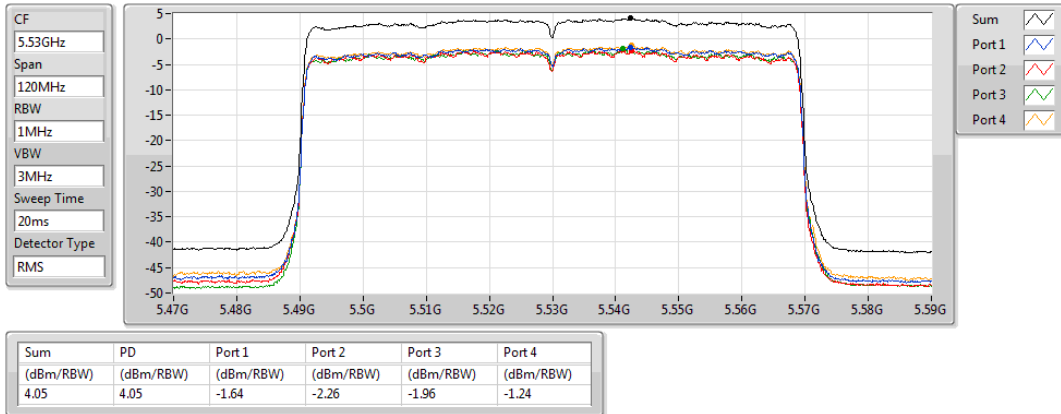


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

04/01/2020

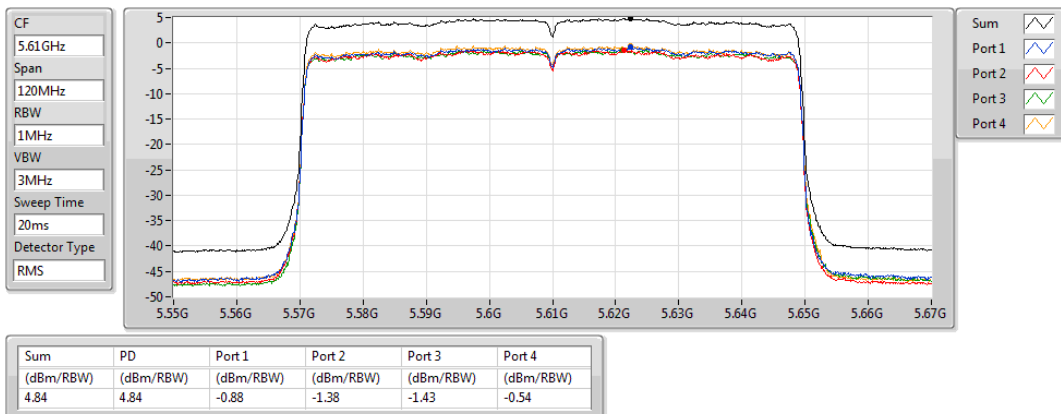


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

07/01/2020

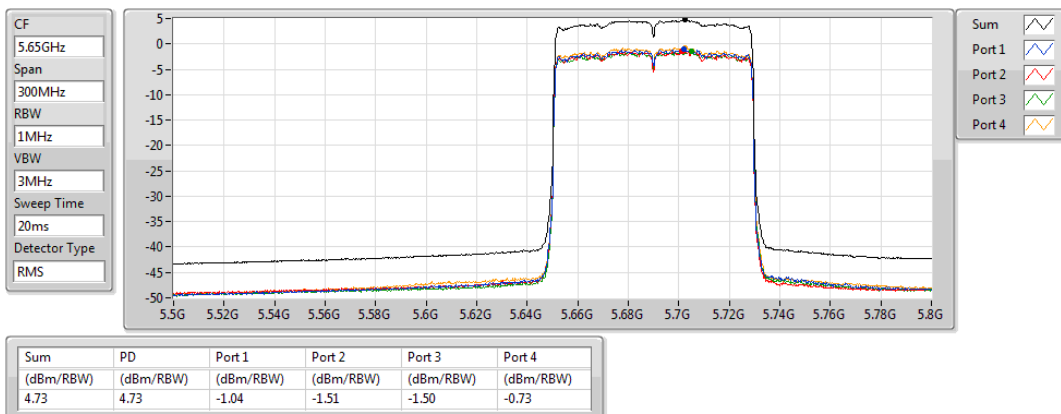


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

07/01/2020

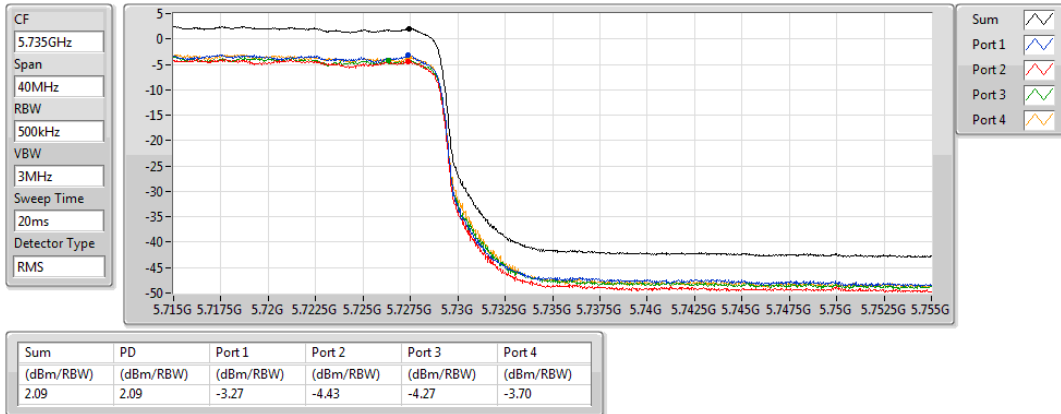


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/01/2020

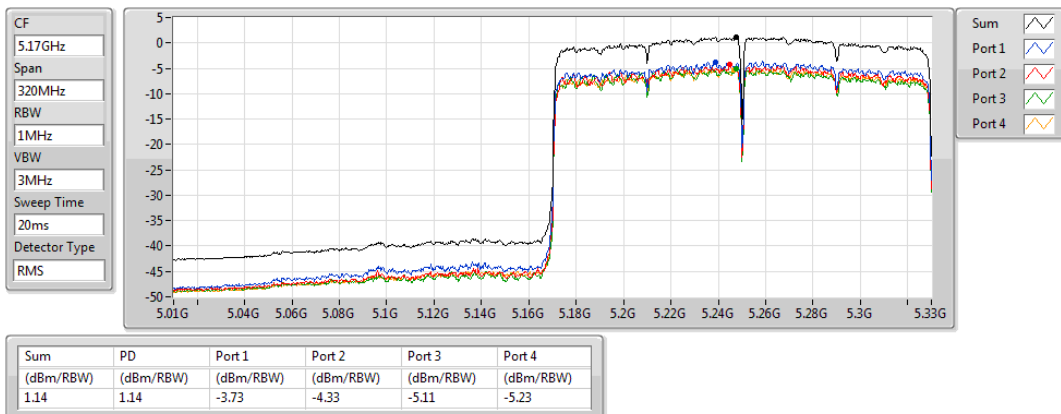


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

07/01/2020

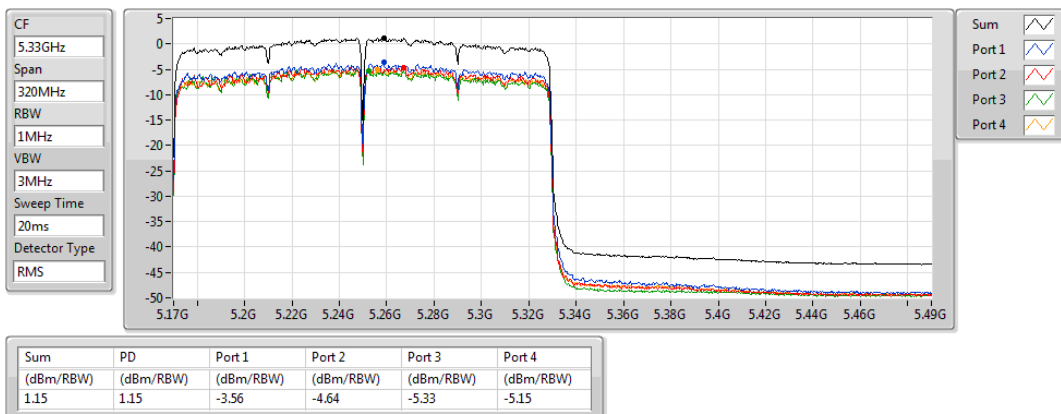


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

07/01/2020

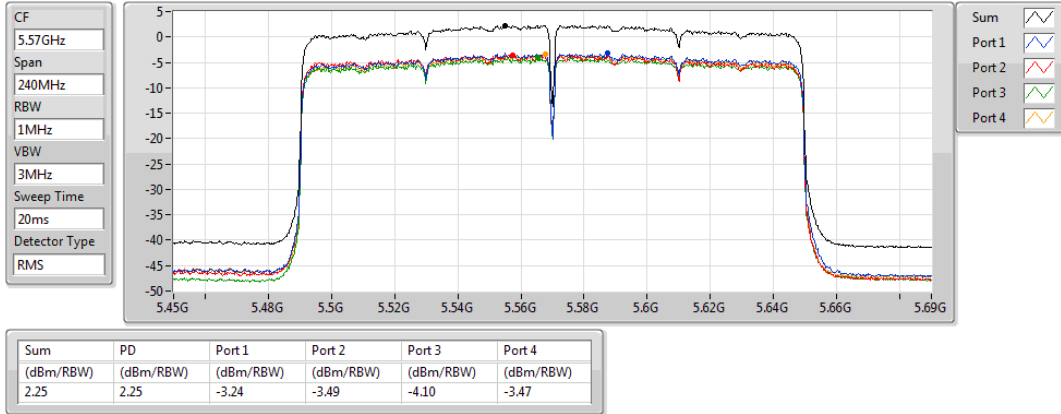


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

07/01/2020

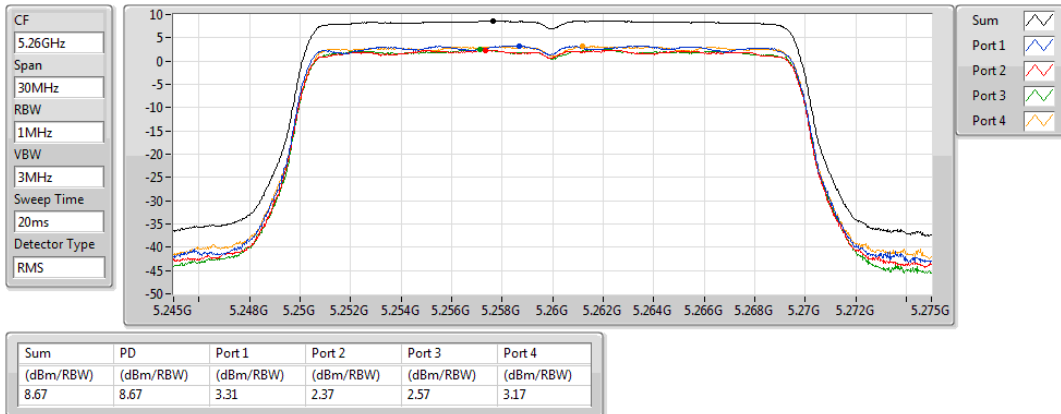


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

04/01/2020

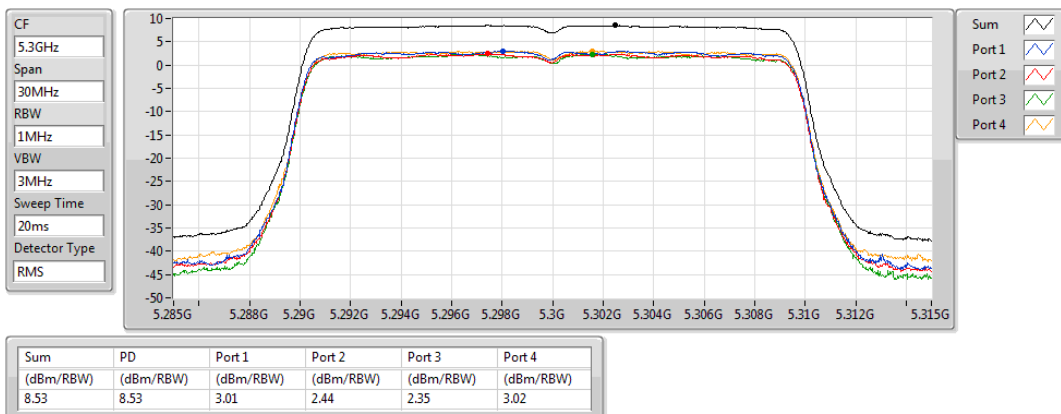


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

04/01/2020

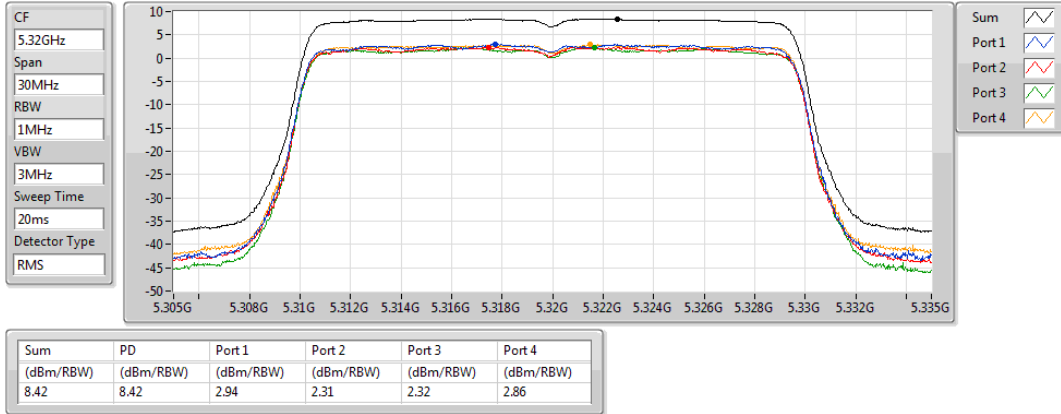


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

04/01/2020

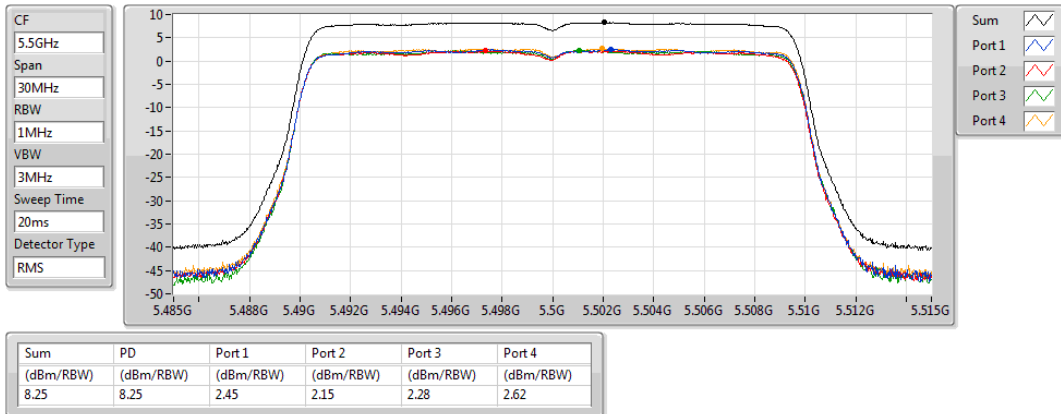


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

04/01/2020

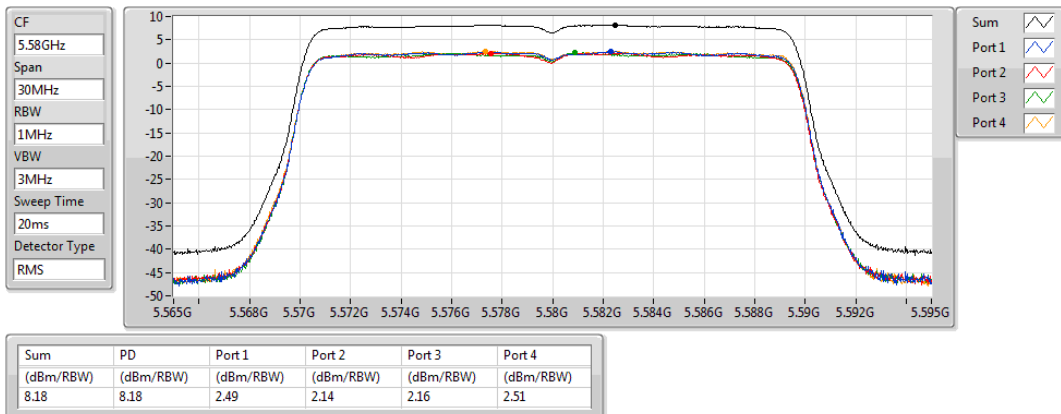


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

04/01/2020

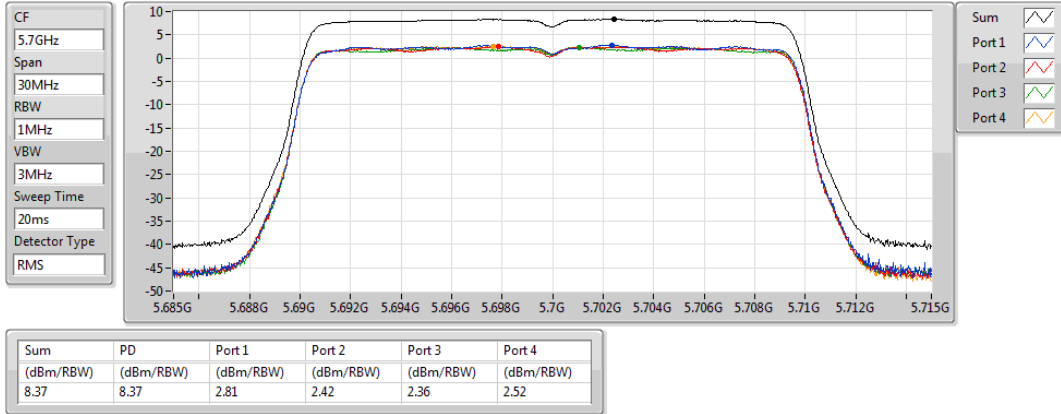


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

04/01/2020

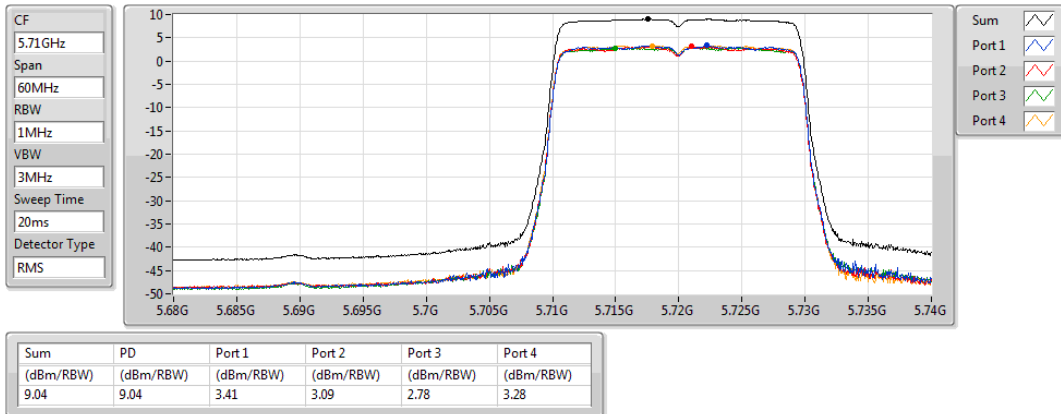


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

07/01/2020

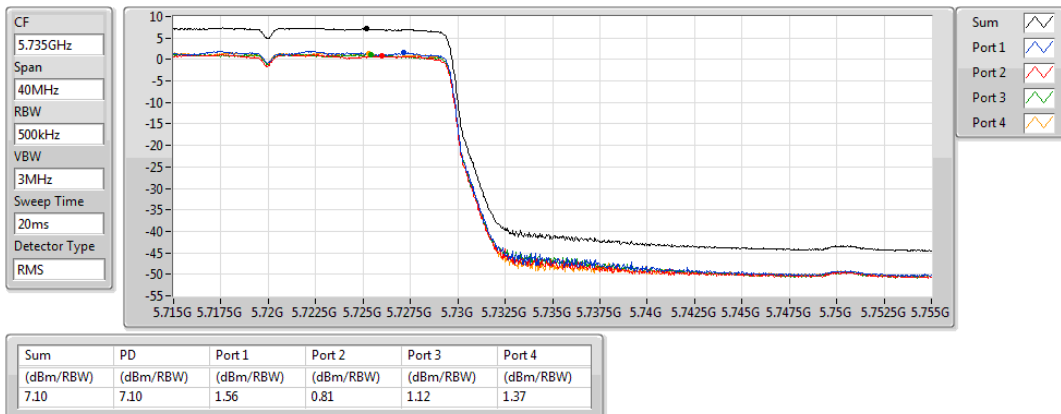


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

07/01/2020

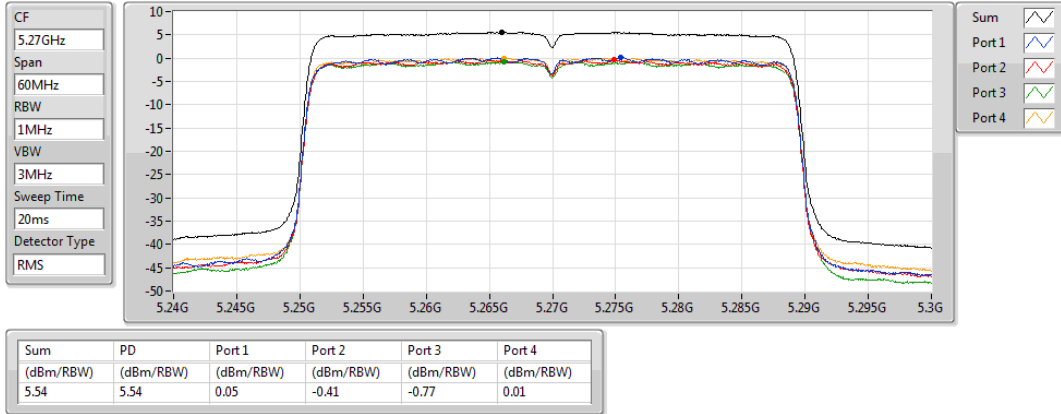


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

04/01/2020

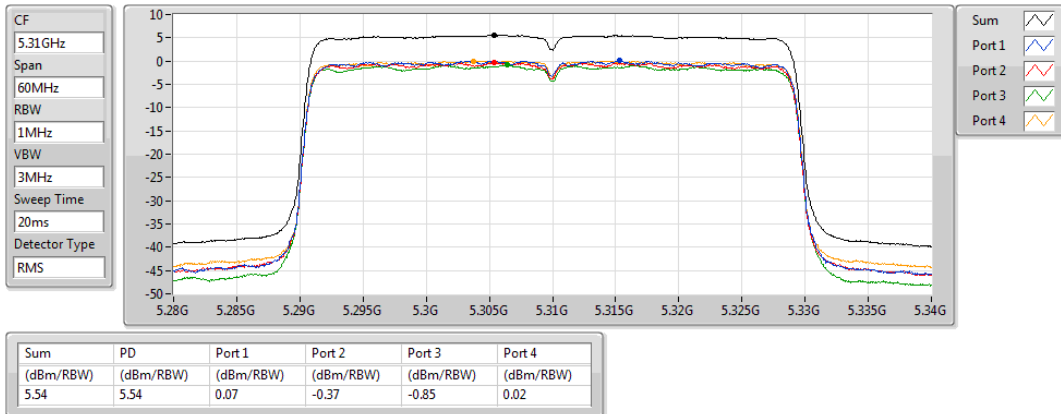


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

04/01/2020

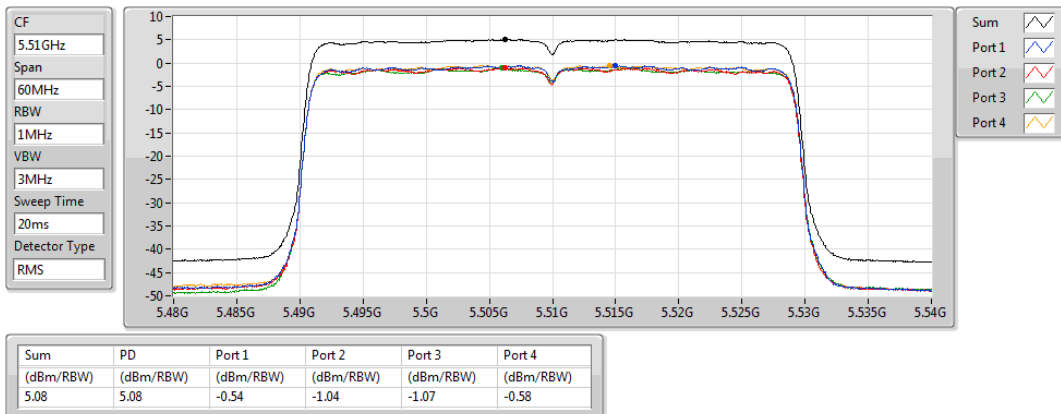


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

04/01/2020

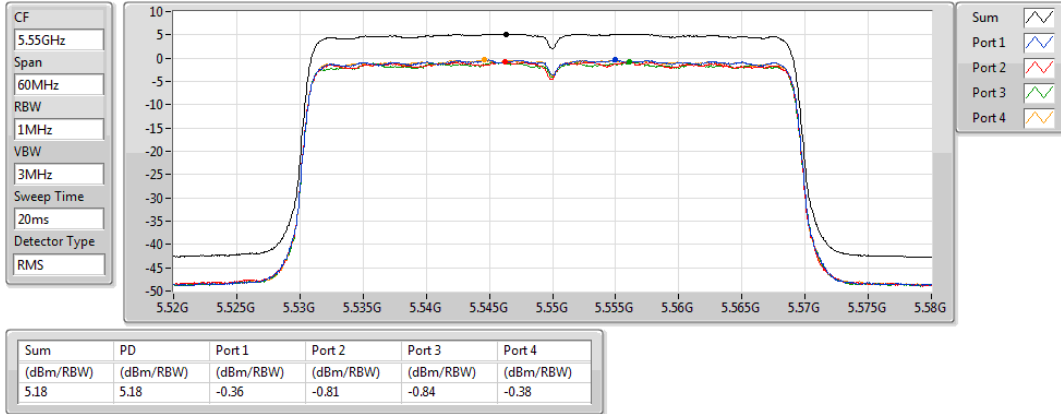


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

04/01/2020

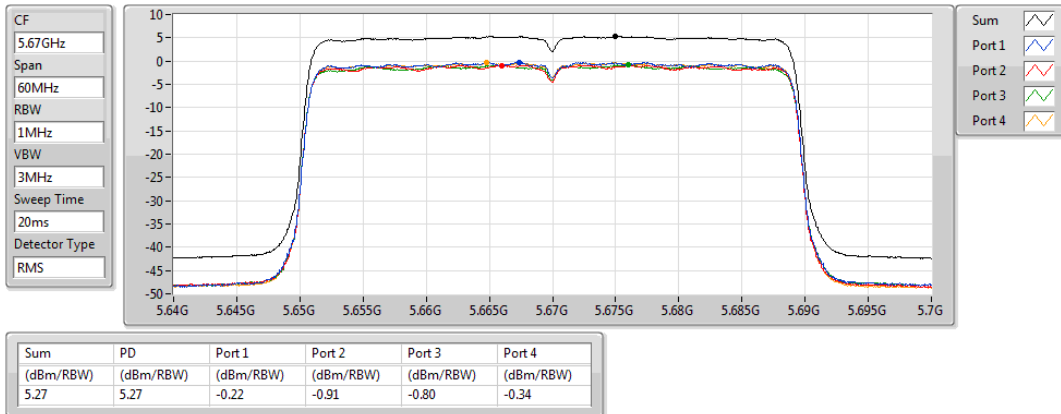


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

04/01/2020

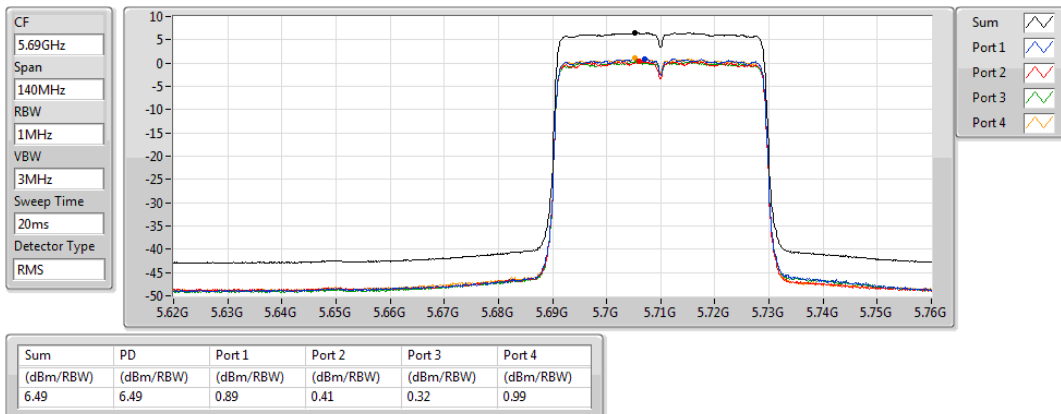


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

07/01/2020

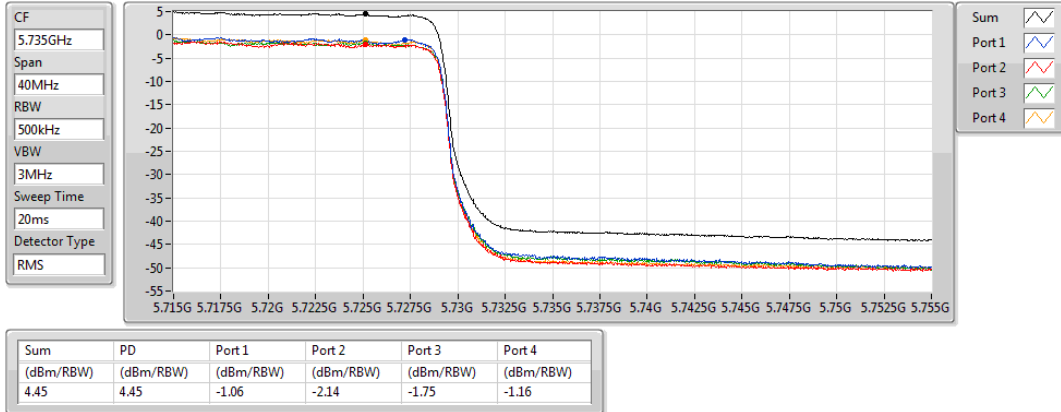


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

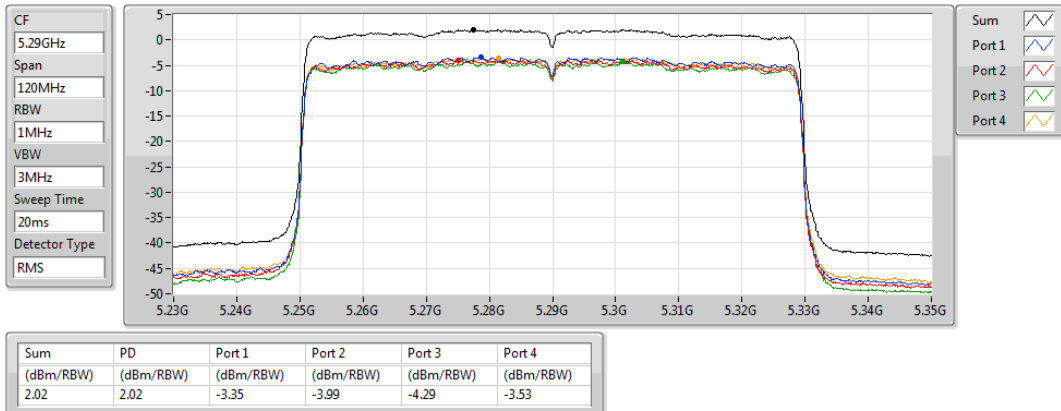
07/01/2020

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

PSD

5290MHz

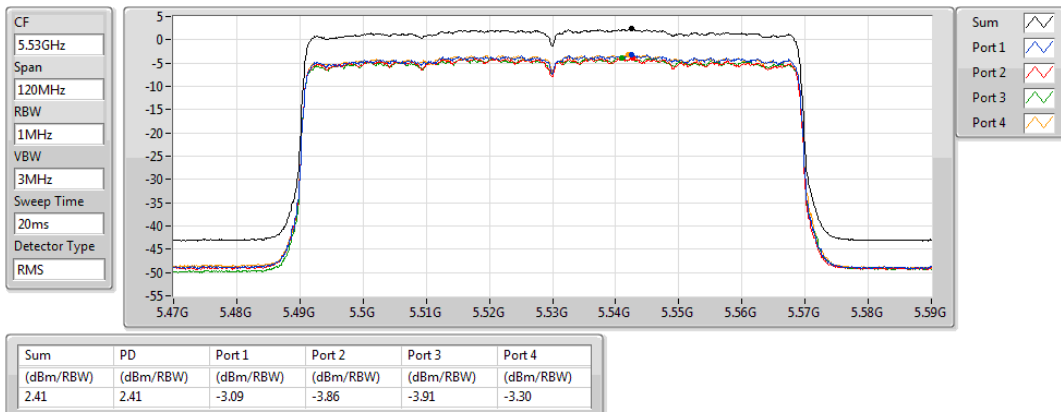
04/01/2020

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

PSD

5530MHz

04/01/2020

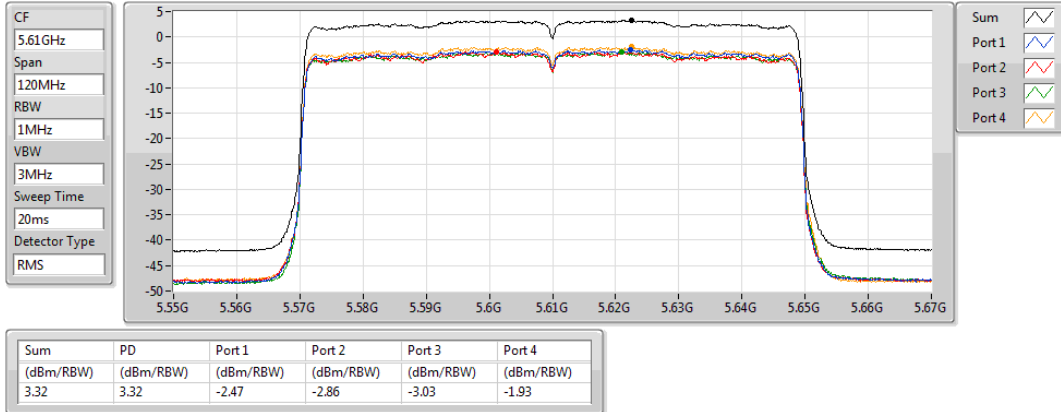


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

07/01/2020

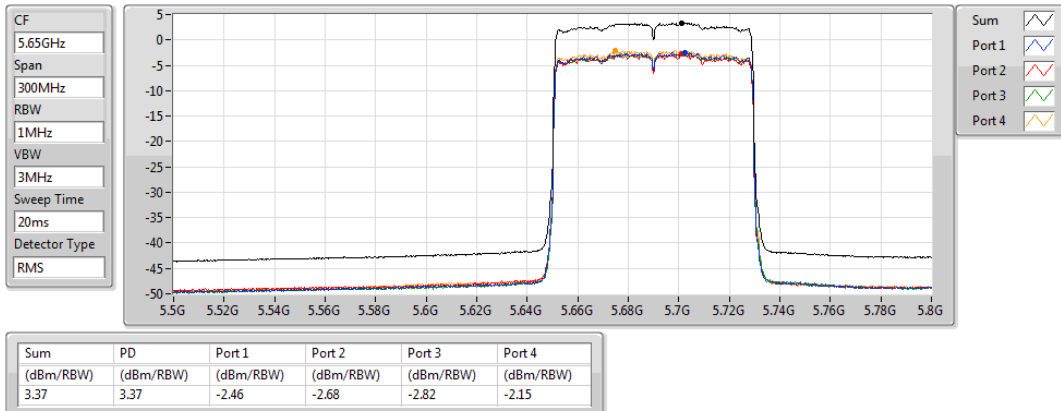


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

07/01/2020

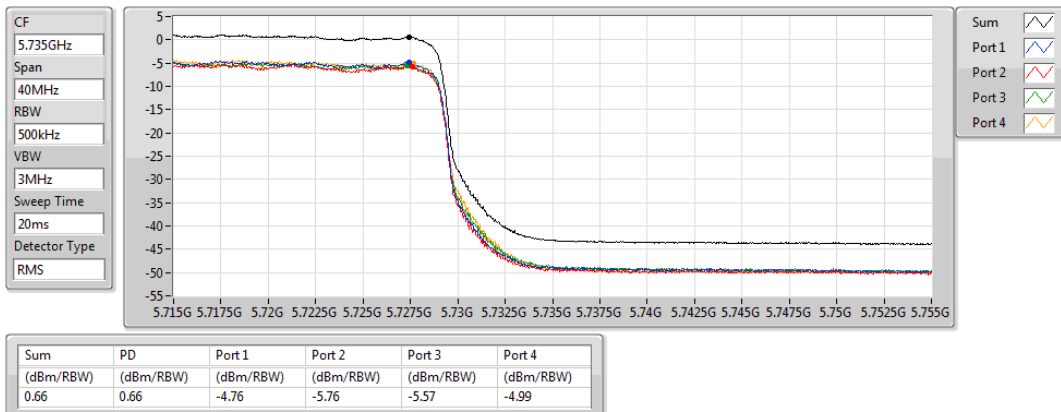


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/01/2020

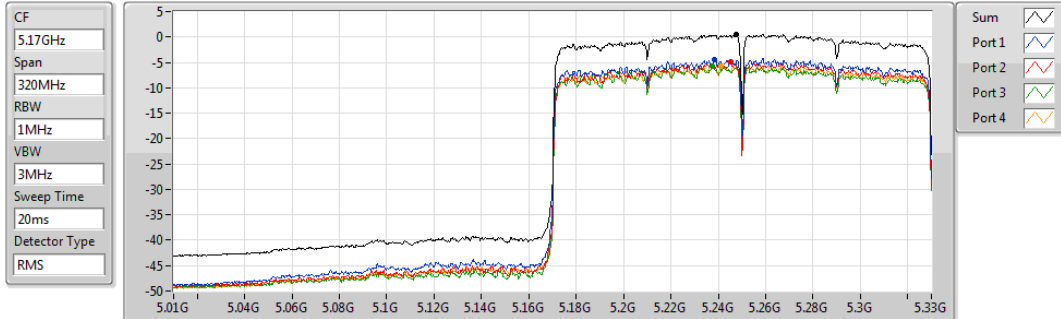


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

07/01/2020



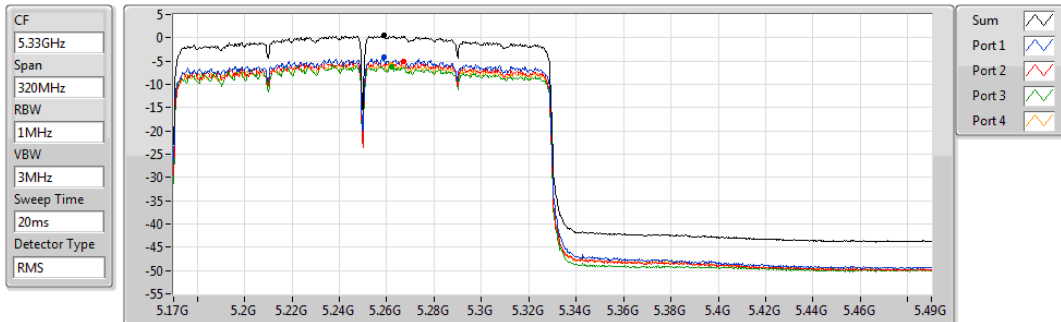
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.46	0.46	-4.35	-4.89	-5.80	-5.77

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

07/01/2020



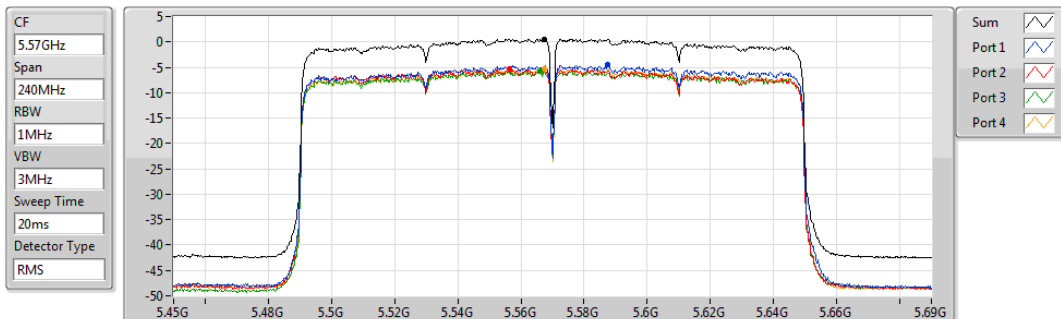
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.52	0.52	-4.24	-5.07	-6.22	-5.70

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

07/01/2020



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.59	0.59	-4.56	-5.39	-5.77	-5.39



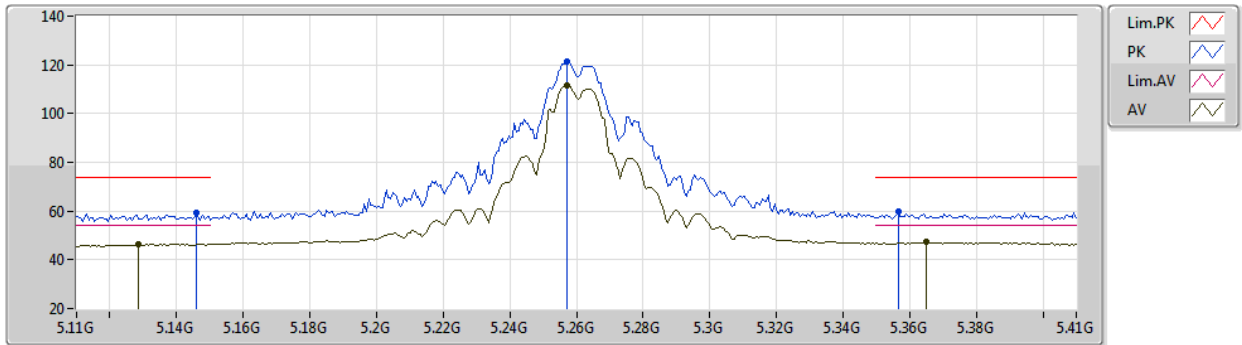
Summary

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 HEW80_Nss1.(MCS0)_4TX	Pass	PK	5.467G	68.19	68.20	-0.01	3	Vertical	130	1.89	-

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5260MHz_TX



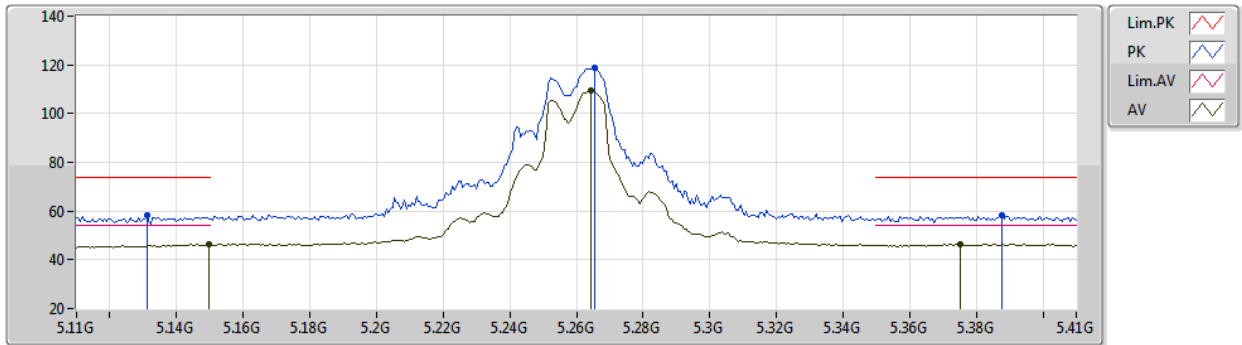
EUT Y_4TX
04-F-A-3-10

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	59.27	74.00	-14.73	55.13	3	Vertical	283	1.15	-	33.05	4.65	33.56
AV	5.1286G	46.45	54.00	-7.55	42.32	3	Vertical	283	1.15	-	33.03	4.66	33.56
PK	5.257G	121.20	Inf	-Inf	116.98	3	Vertical	283	1.15	-	33.16	4.63	33.57
AV	5.257G	111.61	Inf	-Inf	107.39	3	Vertical	283	1.15	-	33.16	4.63	33.57
PK	5.3566G	59.75	74.00	-14.25	55.27	3	Vertical	283	1.15	-	33.37	4.68	33.57
AV	5.365G	47.19	54.00	-6.81	42.68	3	Vertical	283	1.15	-	33.40	4.68	33.57

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5260MHz_TX

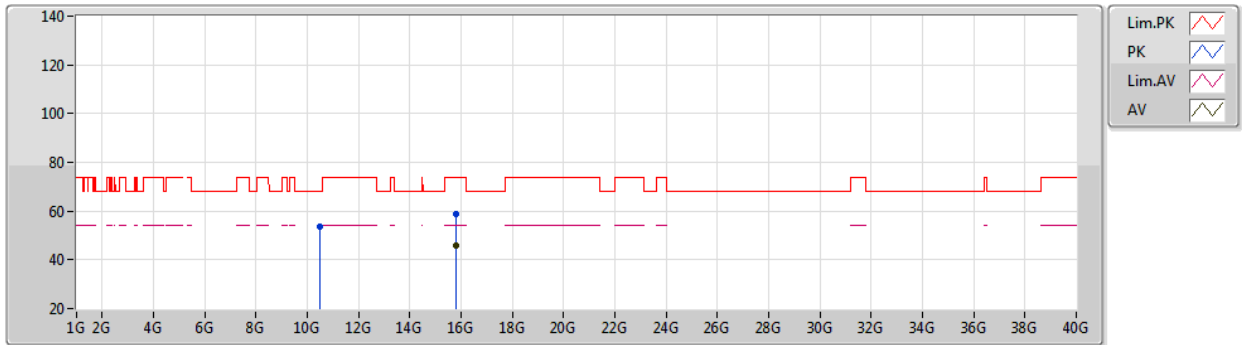

EUT Y_4TX
04-F-A-3-10

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	5.131G	58.05	74.00	-15.95	53.92	3	Horizontal	170	2.58	-	33.03	4.66	33.56
AV	5.1496G	46.23	54.00	-7.77	42.09	3	Horizontal	170	2.58	-	33.05	4.65	33.56
PK	5.2654G	118.76	Inf	-Inf	114.53	3	Horizontal	170	2.58	-	33.17	4.63	33.57
AV	5.2642G	109.42	Inf	-Inf	105.20	3	Horizontal	170	2.58	-	33.16	4.63	33.57
PK	5.3878G	58.19	74.00	-15.81	53.61	3	Horizontal	170	2.58	-	33.46	4.69	33.57
AV	5.3752G	46.45	54.00	-7.55	41.90	3	Horizontal	170	2.58	-	33.43	4.69	33.57

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5260MHz_TX



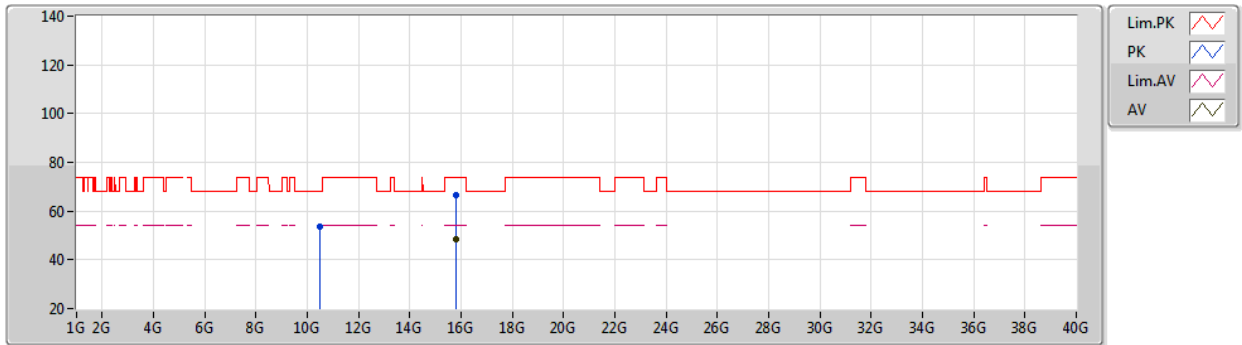
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5059G	53.45	68.20	-14.75	41.62	3	Vertical	40	1.52	-	39.00	6.90	34.07
PK	15.7808G	59.03	74.00	-14.97	46.25	3	Vertical	223	1.69	-	38.84	9.42	35.48
AV	15.7798G	45.74	54.00	-8.26	32.96	3	Vertical	223	1.69	-	38.84	9.42	35.48

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5260MHz_TX



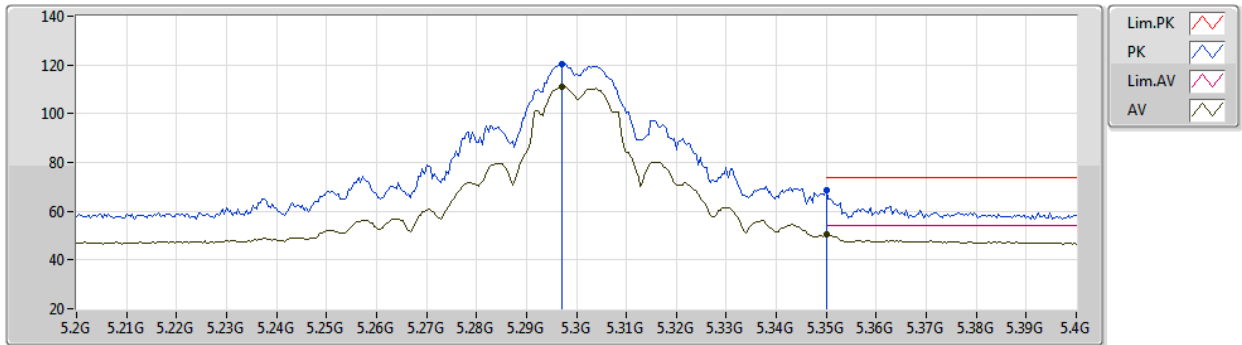
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.4974G	53.67	68.20	-14.53	41.83	3	Horizontal	74	2.55	-	39.00	6.90	34.06
PK	15.7817G	66.37	74.00	-7.63	53.58	3	Horizontal	205	1.80	-	38.84	9.43	35.48
AV	15.7818G	48.49	54.00	-5.51	35.70	3	Horizontal	205	1.80	-	38.84	9.43	35.48

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5300MHz_TX



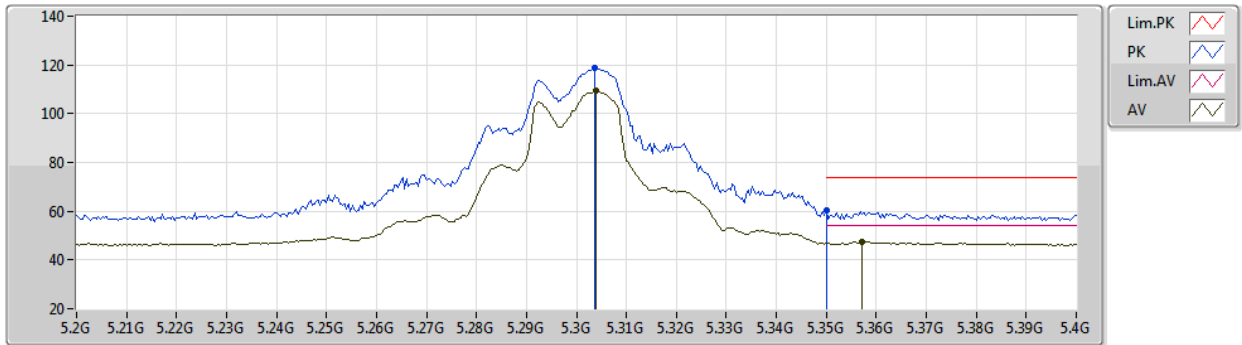
EUT Y_4TX
04-F-A-3-10

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	5.2972G	120.19	Inf	-Inf	115.91	3	Vertical	284	1.31	-	33.20	4.65	33.57	
AV	5.2972G	110.96	Inf	-Inf	106.68	3	Vertical	284	1.31	-	33.20	4.65	33.57	
PK	5.35G	68.75	74.00	-5.25	64.29	3	Vertical	284	1.31	-	33.35	4.68	33.57	
AV	5.35G	50.30	54.00	-3.70	45.84	3	Vertical	284	1.31	-	33.35	4.68	33.57	

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5300MHz_TX

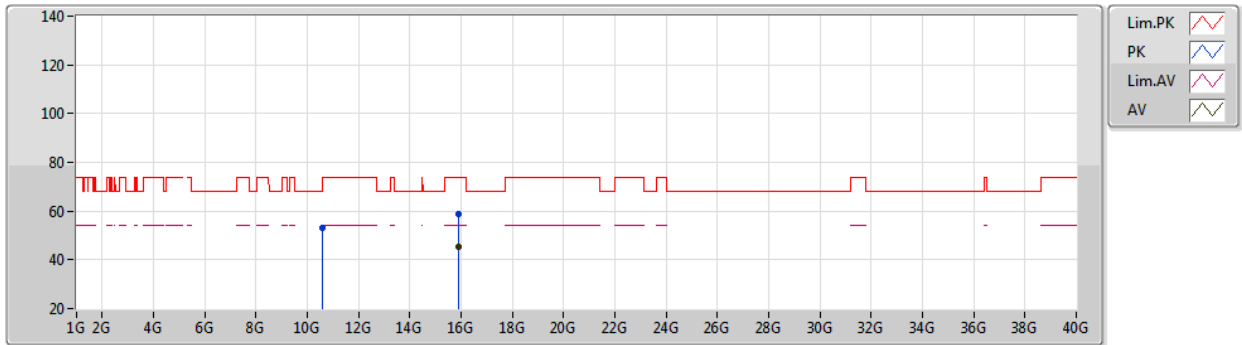

EUT Y_4TX
04-F-A-3-10

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	5.3036G	118.65	Inf	-Inf	114.36	3	Horizontal	165	2.56	-	33.21	4.65	33.57
AV	5.304G	109.50	Inf	-Inf	105.21	3	Horizontal	165	2.56	-	33.21	4.65	33.57
PK	5.35G	60.46	74.00	-13.54	56.00	3	Horizontal	165	2.56	-	33.35	4.68	33.57
AV	5.3572G	47.43	54.00	-6.57	42.95	3	Horizontal	165	2.56	-	33.37	4.68	33.57

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5300MHz_TX



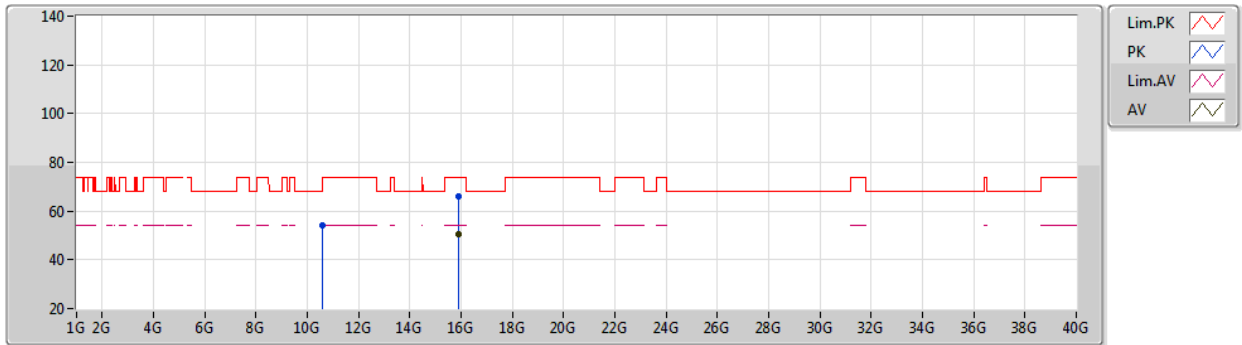
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5937G	53.01	68.20	-15.19	41.11	3	Vertical	109	1.55	-	39.07	6.96	34.13
PK	15.9049G	58.57	74.00	-15.43	45.87	3	Vertical	309	2.02	-	38.70	9.52	35.52
AV	15.9038G	45.49	54.00	-8.51	32.77	3	Vertical	309	2.02	-	38.71	9.52	35.51

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5300MHz_TX



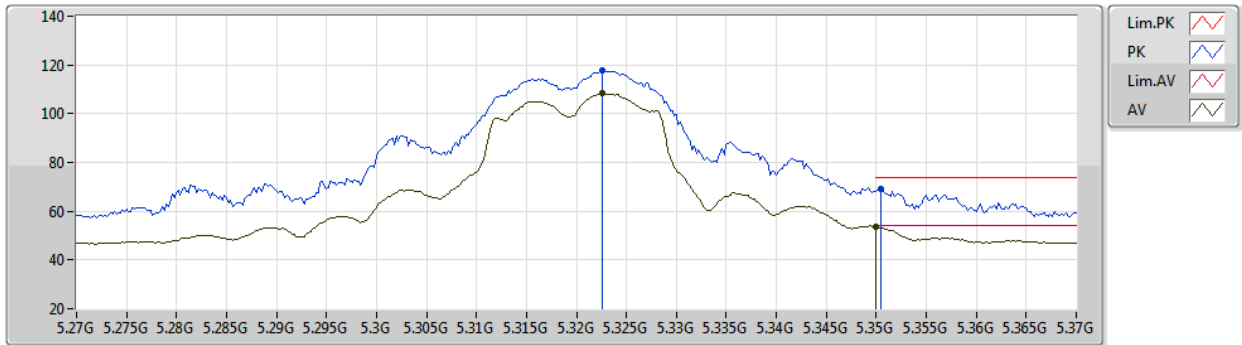
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5949G	54.23	68.20	-13.97	42.32	3	Horizontal	334	1.80	-	39.08	6.96	34.13
PK	15.902G	65.95	74.00	-8.05	53.23	3	Horizontal	222	1.20	-	38.71	9.52	35.51
AV	15.9041G	50.63	54.00	-3.37	37.92	3	Horizontal	222	1.20	-	38.71	9.52	35.52

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5320MHz_TX



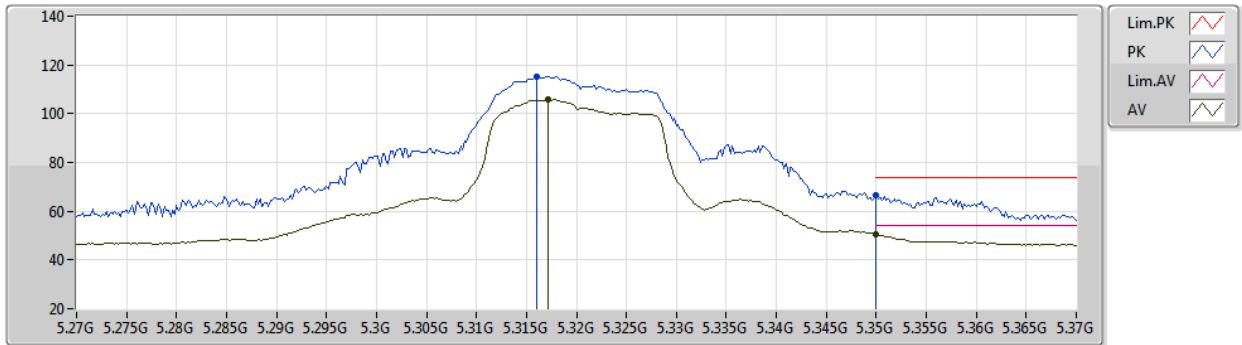
EUT Y_4TX
04-F-A-3-10

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	5.3226G	117.53	Inf	-Inf	113.17	3	Vertical	266	1.19	-	33.27	4.66	33.57
AV	5.3226G	108.30	Inf	-Inf	103.94	3	Vertical	266	1.19	-	33.27	4.66	33.57
PK	5.3504G	68.89	74.00	-5.11	64.43	3	Vertical	266	1.19	-	33.35	4.68	33.57
AV	5.35G	53.61	54.00	-0.39	49.15	3	Vertical	266	1.19	-	33.35	4.68	33.57

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5320MHz_TX



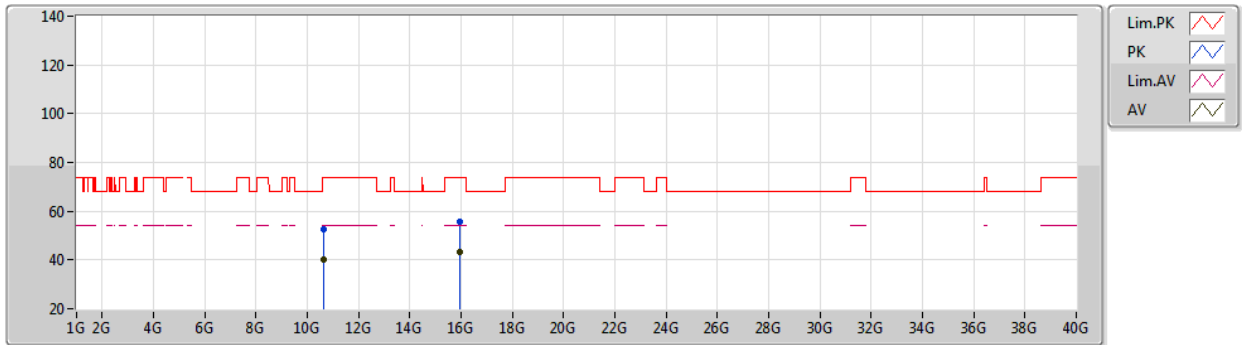
EUT Y_4TX
04-F-A-3-10

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	5.316G	115.37	Inf	-Inf	111.03	3	Horizontal	117	1.80	-	33.25	4.66	33.57
AV	5.3172G	105.86	Inf	-Inf	101.52	3	Horizontal	117	1.80	-	33.25	4.66	33.57
PK	5.35G	66.37	74.00	-7.63	61.91	3	Horizontal	117	1.80	-	33.35	4.68	33.57
AV	5.35G	50.51	54.00	-3.49	46.05	3	Horizontal	117	1.80	-	33.35	4.68	33.57

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5320MHz_TX



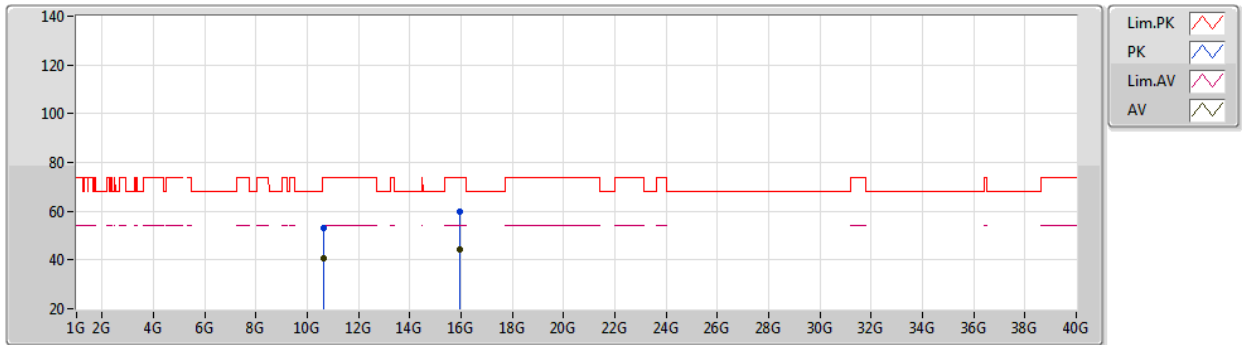
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6529G	52.63	74.00	-21.37	40.69	3	Vertical	296	1.11	-	39.12	6.99	34.17
AV	10.6221G	40.31	54.00	-13.69	28.39	3	Vertical	296	1.11	-	39.10	6.97	34.15
PK	15.9698G	55.76	74.00	-18.24	43.08	3	Vertical	8	1.73	-	38.63	9.58	35.53
AV	15.9701G	43.24	54.00	-10.76	30.56	3	Vertical	8	1.73	-	38.63	9.58	35.53

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5320MHz_TX



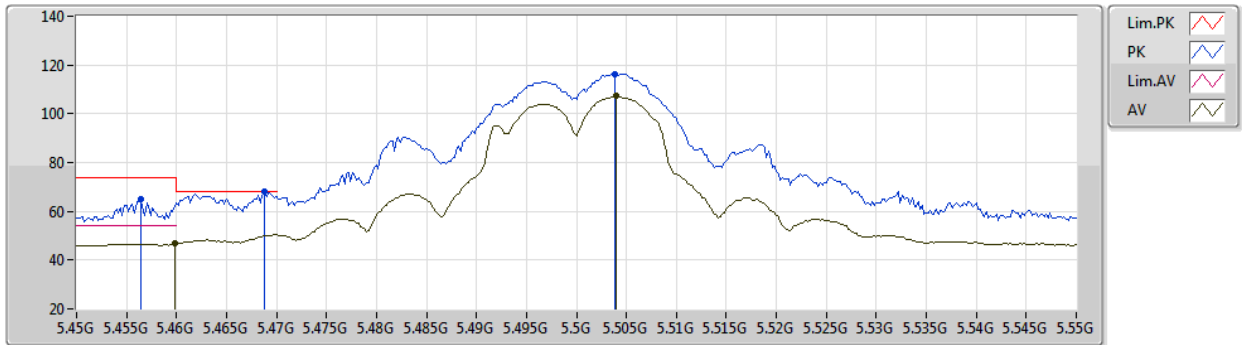
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6346G	53.29	74.00	-20.71	41.36	3	Horizontal	33	1.65	-	39.11	6.98	34.16
AV	10.6623G	40.44	54.00	-13.56	28.49	3	Horizontal	33	1.65	-	39.13	7.00	34.18
PK	15.9653G	59.82	74.00	-14.18	47.14	3	Horizontal	207	1.77	-	38.64	9.57	35.53
AV	15.9667G	44.23	54.00	-9.77	31.55	3	Horizontal	207	1.77	-	38.64	9.57	35.53

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5500MHz_TX



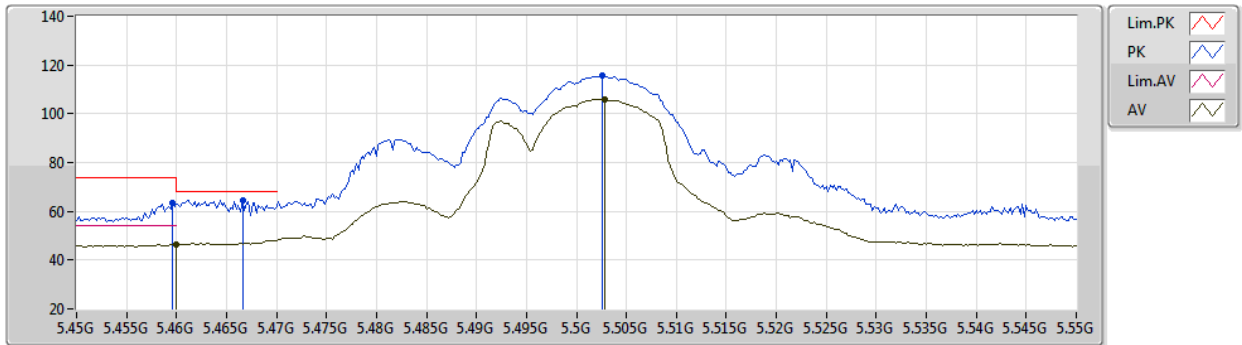
EUT Y_4TX
04-F-A-3-10

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	5.4564G	64.79	74.00	-9.21	59.94	3	Vertical	130	1.80	-	33.67	4.76	33.58
AV	5.4598G	46.76	54.00	-7.24	41.90	3	Vertical	130	1.80	-	33.68	4.76	33.58
PK	5.4688G	67.92	68.20	-0.28	63.02	3	Vertical	130	1.80	-	33.71	4.77	33.58
PK	5.5038G	116.44	Inf	-Inf	111.40	3	Vertical	130	1.80	-	33.81	4.81	33.58
AV	5.504G	107.43	Inf	-Inf	102.39	3	Vertical	130	1.80	-	33.81	4.81	33.58

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5500MHz_TX

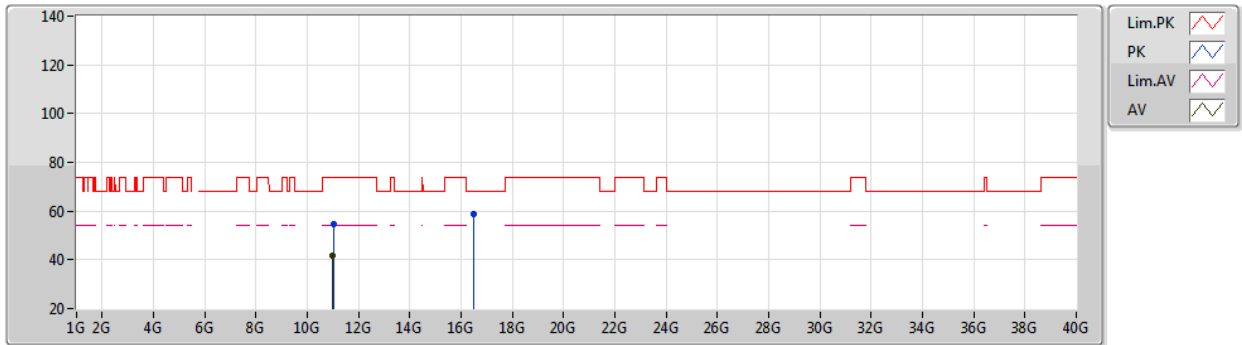

EUT Y_4TX
04-F-A-3-10

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	5.4596G	63.33	74.00	-10.67	58.47	3	Horizontal	134	1.80	-	33.68	4.76	33.58
AV	5.46G	46.40	54.00	-7.60	41.54	3	Horizontal	134	1.80	-	33.68	4.76	33.58
PK	5.4666G	64.70	68.20	-3.50	59.81	3	Horizontal	134	1.80	-	33.70	4.77	33.58
PK	5.5026G	115.70	Inf	-Inf	110.66	3	Horizontal	134	1.80	-	33.81	4.81	33.58
AV	5.5028G	105.93	Inf	-Inf	100.89	3	Horizontal	134	1.80	-	33.81	4.81	33.58

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5500MHz_TX



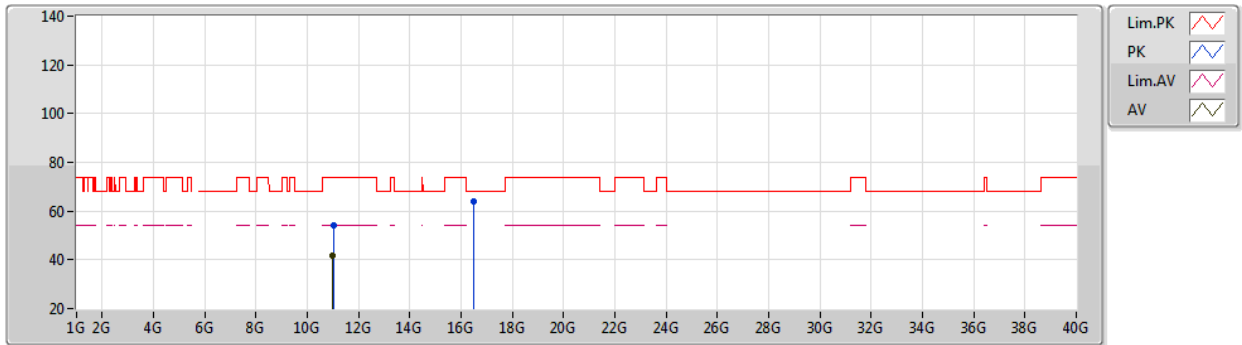
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.018G	54.42	74.00	-19.58	42.25	3	Vertical	66	1.61	-	39.39	7.20	34.42
AV	10.9979G	41.54	54.00	-12.46	29.35	3	Vertical	66	1.61	-	39.40	7.20	34.41
PK	16.4885G	58.77	68.20	-9.43	44.94	3	Vertical	101	1.80	-	39.67	9.70	35.54

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5500MHz_TX



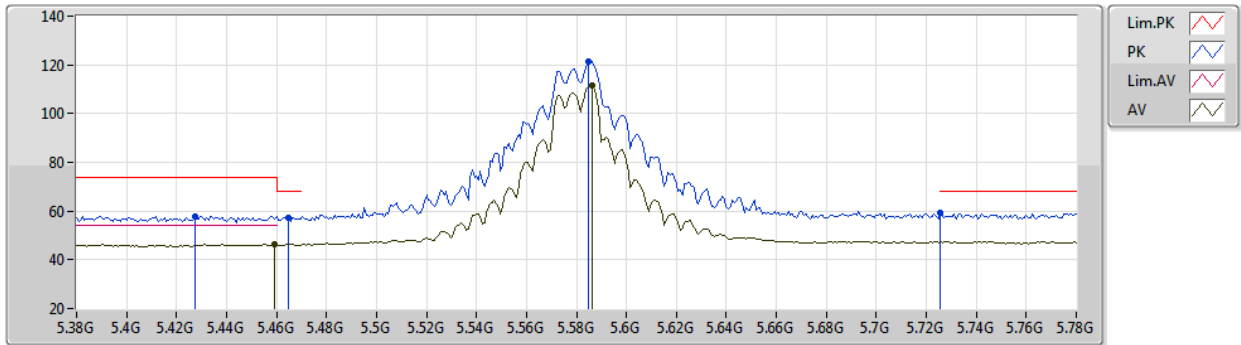
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0204G	54.21	74.00	-19.79	42.05	3	Horizontal	178	2.88	-	39.39	7.20	34.43
AV	10.9978G	41.51	54.00	-12.49	29.32	3	Horizontal	178	2.88	-	39.40	7.20	34.41
PK	16.502G	64.22	68.20	-3.98	50.37	3	Horizontal	226	1.99	-	39.70	9.70	35.55

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5580MHz_TX



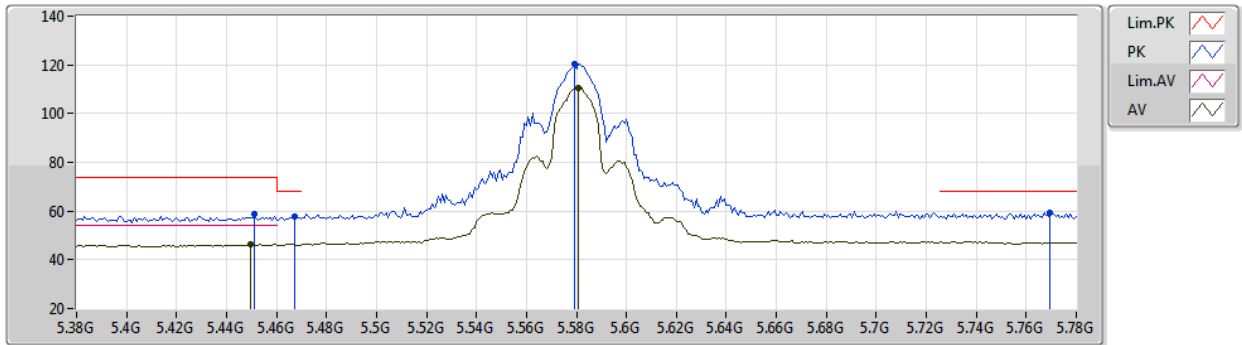
EUT Y_4TX
04-F-A-3-10

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	5.4272G	57.94	74.00	-16.06	53.20	3	Vertical	315	2.18	-	33.58	4.73	33.57
PK	5.4648G	57.37	68.20	-10.83	52.50	3	Vertical	315	2.18	-	33.69	4.76	33.58
AV	5.4592G	46.33	54.00	-7.67	41.47	3	Vertical	315	2.18	-	33.68	4.76	33.58
PK	5.5848G	121.53	Inf	-Inf	116.20	3	Vertical	315	2.18	-	33.97	4.97	33.61
AV	5.5864G	111.44	Inf	-Inf	106.11	3	Vertical	315	2.18	-	33.97	4.97	33.61
PK	5.7256G	59.15	68.20	-9.05	53.70	3	Vertical	315	2.18	-	34.15	4.94	33.64

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5580MHz_TX

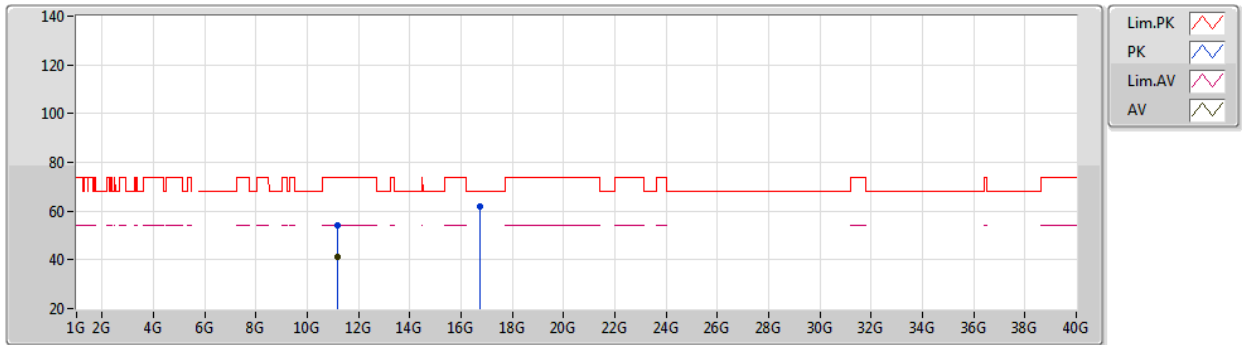

EUT Y_4TX
04-F-A-3-10

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	5.4512G	58.56	74.00	-15.44	53.74	3	Horizontal	358	1.80	-	33.65	4.75	33.58
AV	5.4496G	46.16	54.00	-7.84	41.33	3	Horizontal	358	1.80	-	33.65	4.75	33.57
PK	5.4672G	57.75	68.20	-10.45	52.86	3	Horizontal	358	1.80	-	33.70	4.77	33.58
PK	5.5792G	120.18	Inf	-Inf	114.86	3	Horizontal	358	1.80	-	33.96	4.96	33.60
AV	5.5808G	110.77	Inf	-Inf	105.45	3	Horizontal	358	1.80	-	33.96	4.96	33.60
PK	5.7696G	59.40	68.20	-8.80	53.89	3	Horizontal	358	1.80	-	34.24	4.92	33.65

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5580MHz_TX



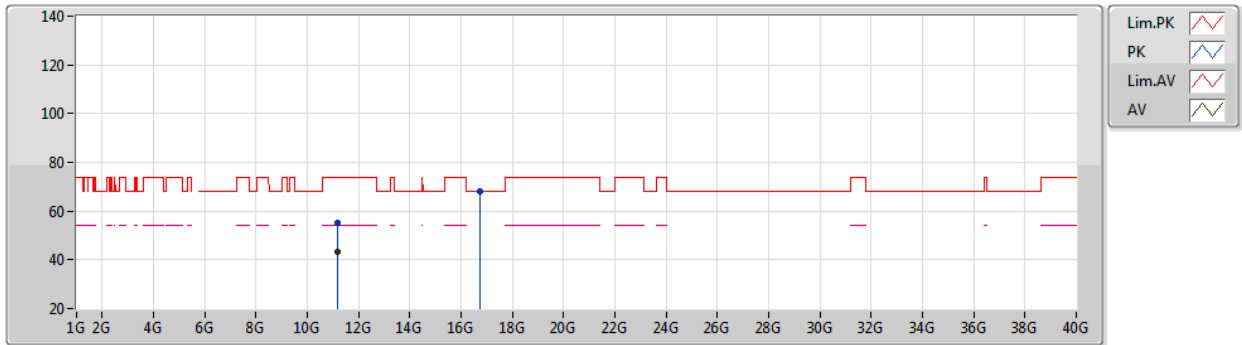
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.171G	54.36	74.00	-19.64	42.37	3	Vertical	160	1.46	-	39.31	7.22	34.54
AV	11.1599G	41.36	54.00	-12.64	29.35	3	Vertical	160	1.46	-	39.32	7.22	34.53
PK	16.7445G	61.65	68.20	-6.55	47.21	3	Vertical	282	1.22	-	40.24	9.75	35.55

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5580MHz_TX



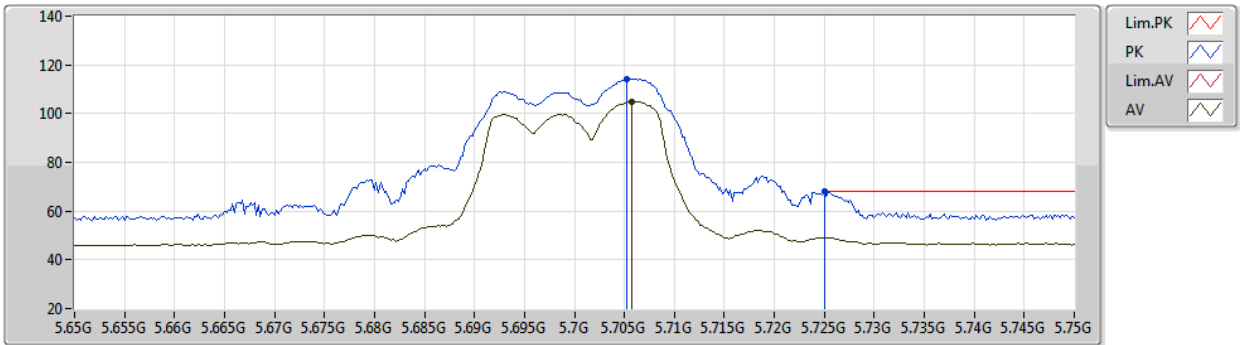
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.16G	55.40	74.00	-18.60	43.39	3	Horizontal	112	1.85	-	39.32	7.22	34.53
AV	11.1601G	43.52	54.00	-10.48	31.51	3	Horizontal	112	1.85	-	39.32	7.22	34.53
PK	16.7452G	67.85	68.20	-0.35	53.41	3	Horizontal	227	1.98	-	40.24	9.75	35.55

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5700MHz_TX



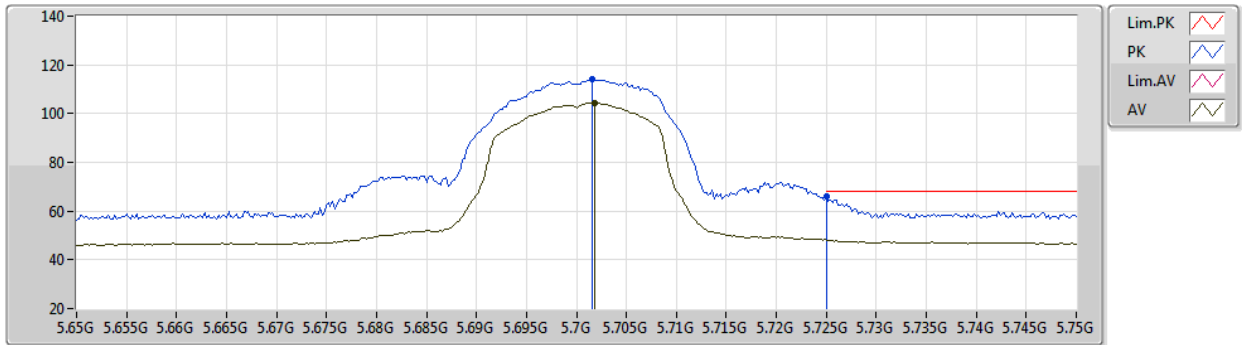
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04-F-A-3-10

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	5.7052G	114.37	Inf	-Inf	108.94	3	Vertical	315	2.12	-	34.11	4.95	33.63
AV	5.7058G	105.00	Inf	-Inf	99.57	3	Vertical	315	2.12	-	34.11	4.95	33.63
PK	5.725G	67.98	68.20	-0.22	62.53	3	Vertical	315	2.12	-	34.15	4.94	33.64

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5700MHz_TX



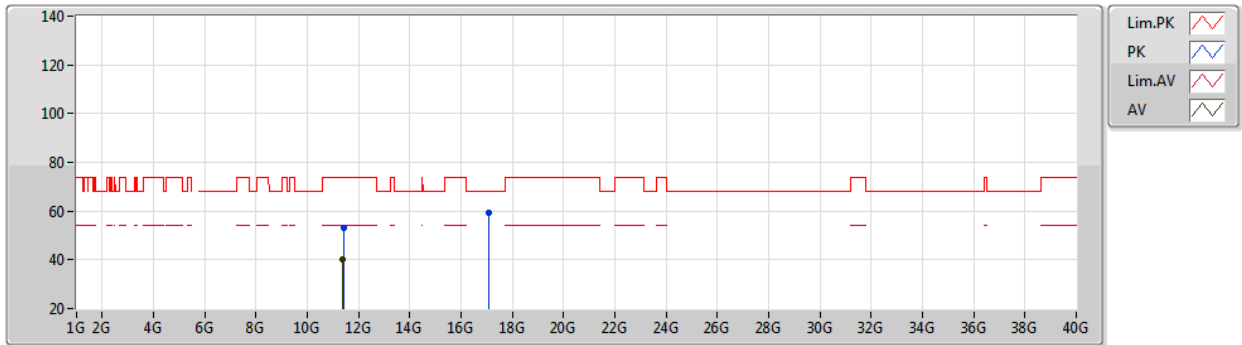
EUT Y_4TX
04-F-A-3-10

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	5.7016G	113.95	Inf	-Inf	108.53	3	Horizontal	7	1.80	-	34.10	4.95	33.63
AV	5.7018G	104.19	Inf	-Inf	98.77	3	Horizontal	7	1.80	-	34.10	4.95	33.63
PK	5.725G	65.99	68.20	-2.21	60.54	3	Horizontal	7	1.80	-	34.15	4.94	33.64

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5700MHz_TX



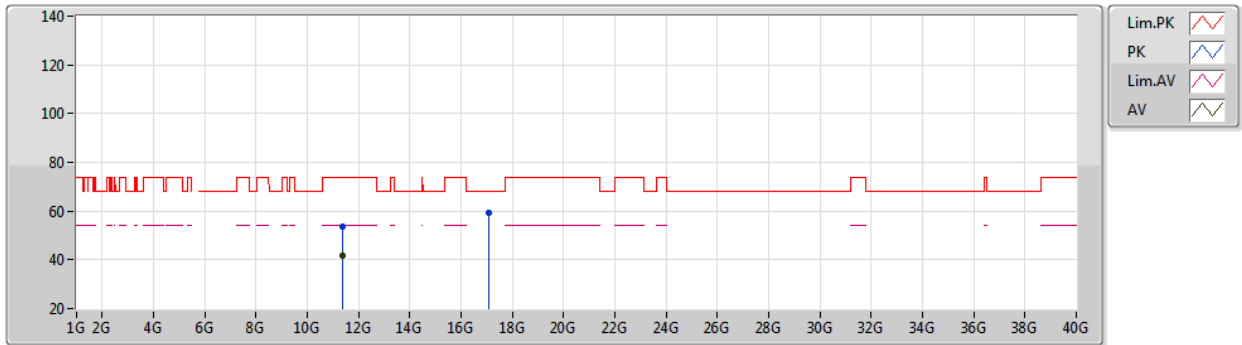
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4207G	53.27	74.00	-20.73	41.56	3	Vertical	128	1.40	-	39.19	7.24	34.72
AV	11.3779G	40.43	54.00	-13.57	28.67	3	Vertical	128	1.40	-	39.21	7.24	34.69
PK	17.0882G	59.34	68.20	-8.86	44.15	3	Vertical	205	1.47	-	40.88	9.84	35.53

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5700MHz_TX



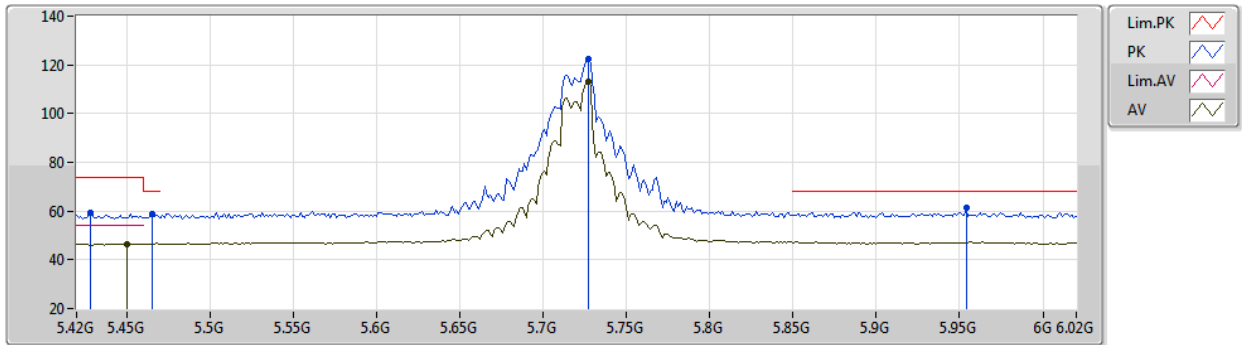
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4003G	53.64	74.00	-20.36	41.91	3	Horizontal	84	1.90	-	39.20	7.24	34.71
AV	11.3981G	41.47	54.00	-12.53	29.73	3	Horizontal	84	1.90	-	39.20	7.24	34.70
PK	17.1047G	59.54	68.20	-8.66	44.34	3	Horizontal	224	1.80	-	40.89	9.84	35.53

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5720MHz_TX



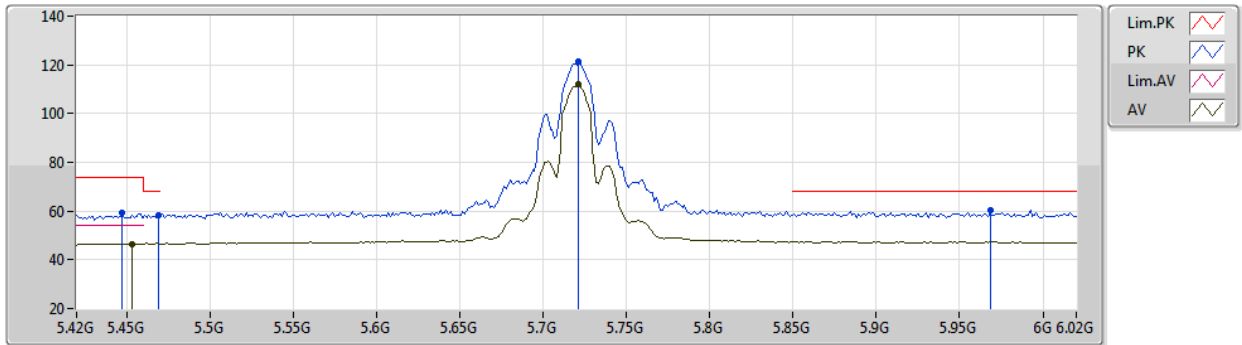
EUT Y_4TX
04-F-A-3-10

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	5.4284G	59.30	74.00	-14.70	53.61	3	Vertical	313	2.92	-	31.66	5.80	31.77
PK	5.4656G	58.70	68.20	-9.50	52.96	3	Vertical	313	2.92	-	31.73	5.80	31.79
AV	5.45G	46.59	54.00	-7.41	40.88	3	Vertical	313	2.92	-	31.70	5.80	31.79
PK	5.7272G	122.32	Inf	-Inf	116.49	3	Vertical	313	2.92	-	31.81	5.92	31.90
AV	5.7272G	113.25	Inf	-Inf	107.42	3	Vertical	313	2.92	-	31.81	5.92	31.90
PK	5.954G	61.14	68.20	-7.06	54.82	3	Vertical	313	2.92	-	32.40	5.92	32.00

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5720MHz_TX

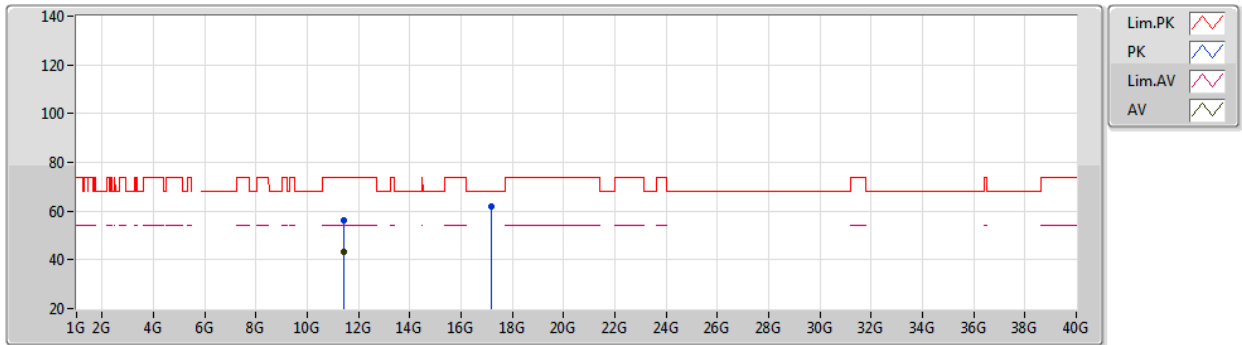

EUT Y_4TX
04-F-A-3-10

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	5.4476G	59.24	74.00	-14.76	53.52	3	Horizontal	0	1.74	-	31.70	5.80	31.78
AV	5.4536G	46.59	54.00	-7.41	40.87	3	Horizontal	0	1.74	-	31.71	5.80	31.79
PK	5.4692G	58.18	68.20	-10.02	52.43	3	Horizontal	0	1.74	-	31.74	5.80	31.79
PK	5.7212G	121.50	Inf	-Inf	115.71	3	Horizontal	0	1.74	-	31.78	5.91	31.90
AV	5.7212G	112.29	Inf	-Inf	106.50	3	Horizontal	0	1.74	-	31.78	5.91	31.90
PK	5.9684G	60.41	68.20	-7.79	54.10	3	Horizontal	0	1.74	-	32.40	5.92	32.01

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5720MHz_TX



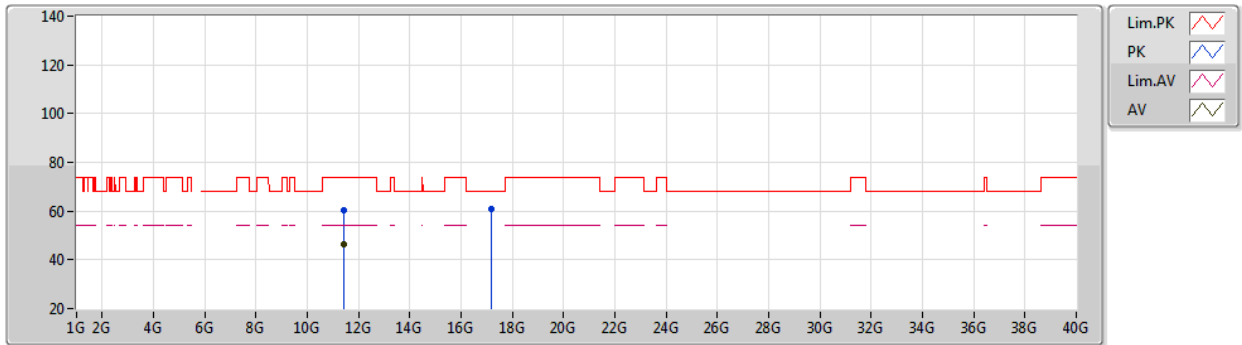
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.43748G	56.18	74.00	-17.82	42.10	3	Vertical	87	3.00	-	39.74	8.10	33.76
AV	11.43874G	43.37	54.00	-10.63	29.29	3	Vertical	87	3.00	-	39.74	8.10	33.76
PK	17.16474G	61.68	68.20	-6.52	43.72	3	Vertical	207	1.80	-	42.35	9.46	33.85

802.11a_Nss1,(6Mbps)_4TX

25/12/2019

5720MHz_TX



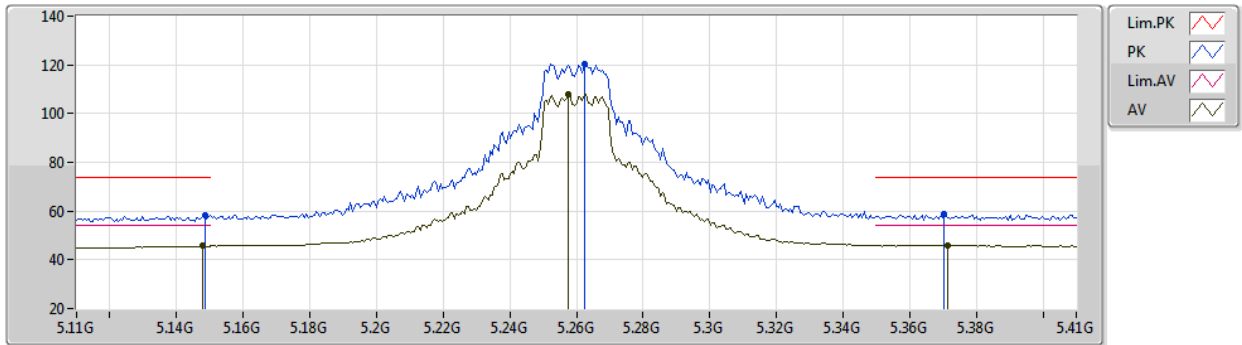
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.43748G	60.19	74.00	-13.81	46.11	3	Horizontal	245	1.72	-	39.74	8.10	33.76
AV	11.43706G	46.32	54.00	-7.68	32.24	3	Horizontal	245	1.72	-	39.74	8.10	33.76
PK	17.15886G	61.10	68.20	-7.10	43.21	3	Horizontal	32	1.80	-	42.29	9.45	33.85

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5260MHz_TX



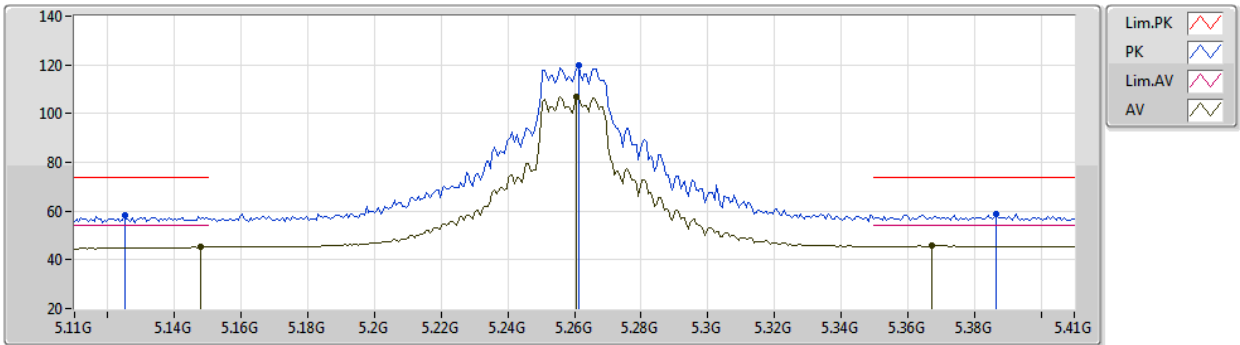
EUT Y_4TX
04-F-A-3-10

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	5.1484G	58.52	74.00	-15.48	54.38	3	Vertical	264	1.38	-	33.05	4.65	33.56
AV	5.1478G	45.62	54.00	-8.38	41.48	3	Vertical	264	1.38	-	33.05	4.65	33.56
PK	5.2624G	120.36	Inf	-Inf	116.14	3	Vertical	264	1.38	-	33.16	4.63	33.57
AV	5.2576G	107.85	Inf	-Inf	103.63	3	Vertical	264	1.38	-	33.16	4.63	33.57
PK	5.3704G	58.69	74.00	-15.31	54.16	3	Vertical	264	1.38	-	33.41	4.69	33.57
AV	5.3716G	46.09	54.00	-7.91	41.56	3	Vertical	264	1.38	-	33.41	4.69	33.57

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5260MHz_TX



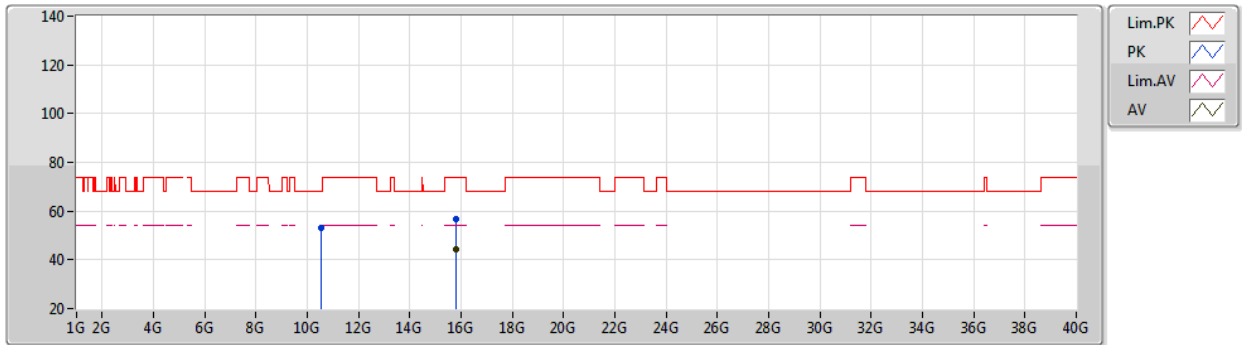
EUT Y_4TX
04-F-A-3-10

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	5.125G	58.45	74.00	-15.55	54.32	3	Horizontal	168	2.85	-	33.02	4.67	33.56
AV	5.1478G	45.36	54.00	-8.64	41.22	3	Horizontal	168	2.85	-	33.05	4.65	33.56
PK	5.2612G	119.72	Inf	-Inf	115.50	3	Horizontal	168	2.85	-	33.16	4.63	33.57
AV	5.2606G	107.08	Inf	-Inf	102.86	3	Horizontal	168	2.85	-	33.16	4.63	33.57
PK	5.3866G	58.96	74.00	-15.04	54.38	3	Horizontal	168	2.85	-	33.46	4.69	33.57
AV	5.3674G	45.73	54.00	-8.27	41.22	3	Horizontal	168	2.85	-	33.40	4.68	33.57

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5260MHz_TX



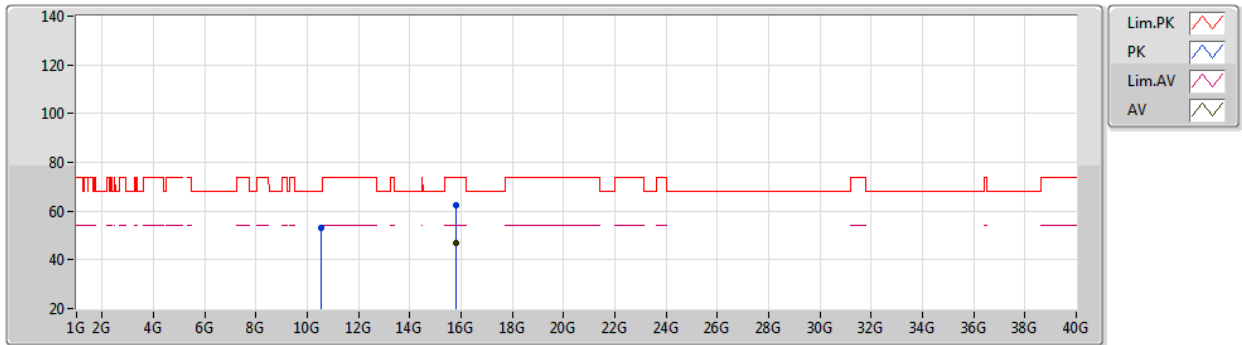
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.521G	53.13	68.20	-15.07	41.28	3	Vertical	29	2.77	-	39.02	6.91	34.08
PK	15.7855G	56.91	74.00	-17.09	44.12	3	Vertical	326	1.00	-	38.84	9.43	35.48
AV	15.7805G	44.21	54.00	-9.79	31.43	3	Vertical	326	1.00	-	38.84	9.42	35.48

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5260MHz_TX



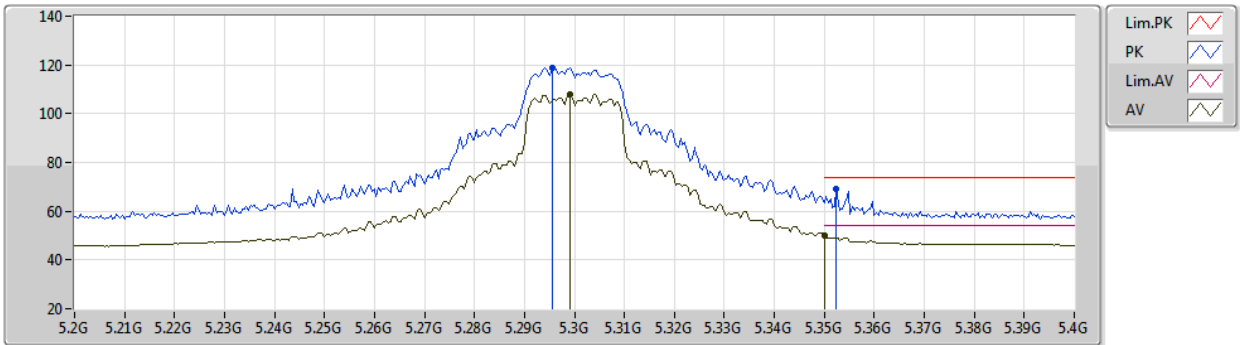
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5252G	53.24	68.20	-14.96	41.38	3	Horizontal	140	1.45	-	39.02	6.92	34.08
PK	15.7855G	62.42	74.00	-11.58	49.63	3	Horizontal	219	1.83	-	38.84	9.43	35.48
AV	15.7805G	46.75	54.00	-7.25	33.97	3	Horizontal	219	1.83	-	38.84	9.42	35.48

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5300MHz_TX



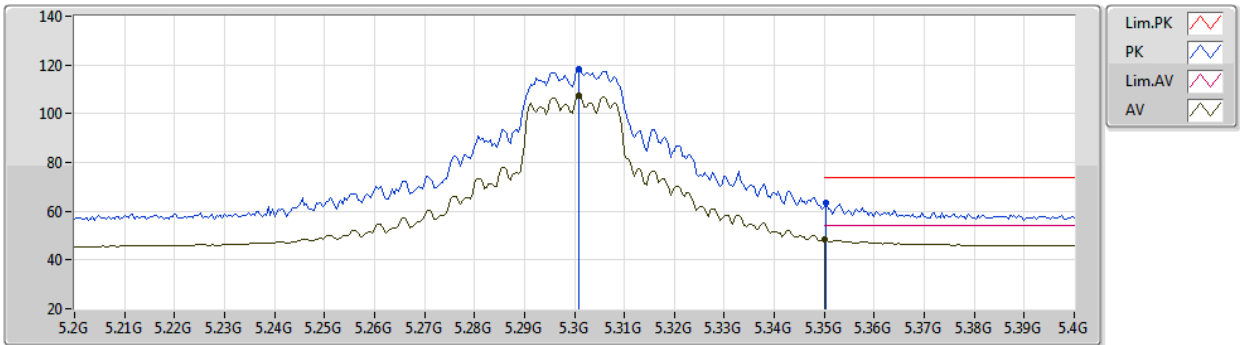
EUT Y_4TX
04-F-A-3-10

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	5.2956G	118.74	Inf	-Inf	114.46	3	Vertical	306	1.32	-	33.20	4.65	33.57
AV	5.2992G	107.97	Inf	-Inf	103.69	3	Vertical	306	1.32	-	33.20	4.65	33.57
PK	5.3524G	69.07	74.00	-4.93	64.60	3	Vertical	306	1.32	-	33.36	4.68	33.57
AV	5.35G	49.75	54.00	-4.25	45.29	3	Vertical	306	1.32	-	33.35	4.68	33.57

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5300MHz_TX



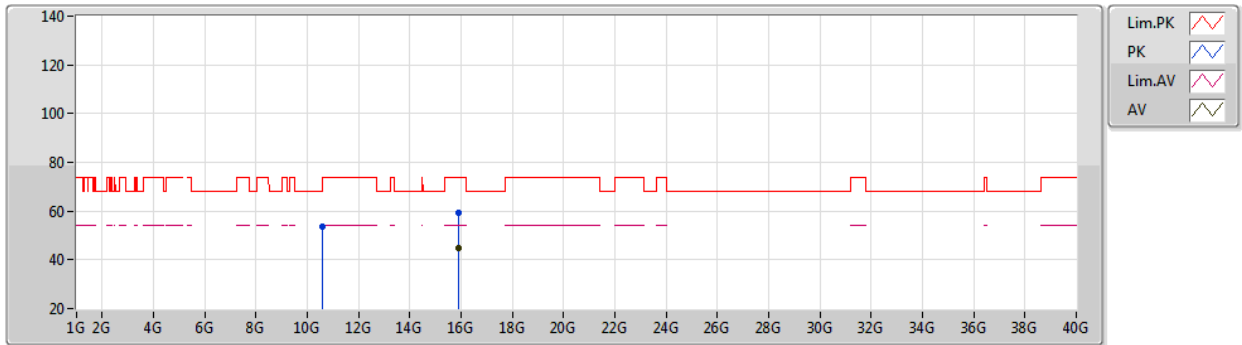
EUT Y_4TX
04-F-A-3-10

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	5.3008G	118.17	Inf	-Inf	113.89	3	Horizontal	173	2.97	-	33.20	4.65	33.57
AV	5.3008G	107.37	Inf	-Inf	103.09	3	Horizontal	173	2.97	-	33.20	4.65	33.57
PK	5.3504G	63.47	74.00	-10.53	59.01	3	Horizontal	173	2.97	-	33.35	4.68	33.57
AV	5.35G	48.35	54.00	-5.65	43.89	3	Horizontal	173	2.97	-	33.35	4.68	33.57

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5300MHz_TX



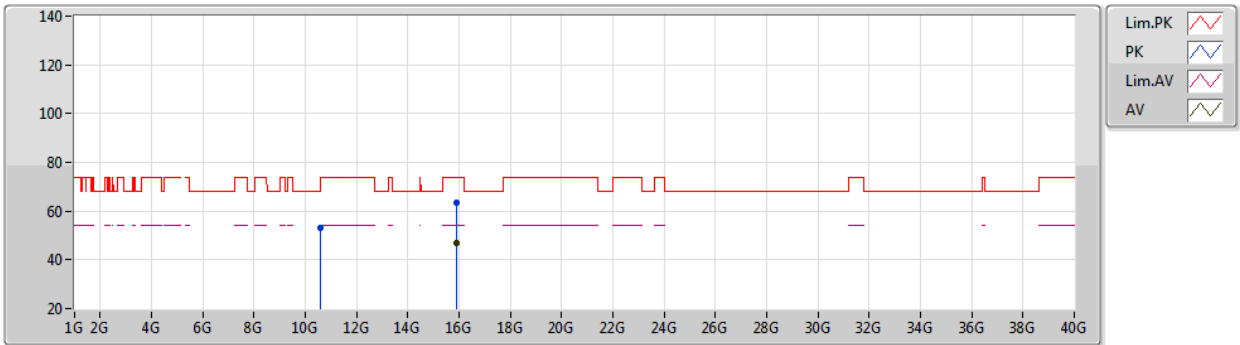
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5992G	53.60	68.20	-14.60	41.69	3	Vertical	95	1.85	-	39.08	6.96	34.13
PK	15.8915G	59.40	74.00	-14.60	46.68	3	Vertical	300	1.82	-	38.72	9.51	35.51
AV	15.9014G	44.60	54.00	-9.40	31.88	3	Vertical	300	1.82	-	38.71	9.52	35.51

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5300MHz_TX



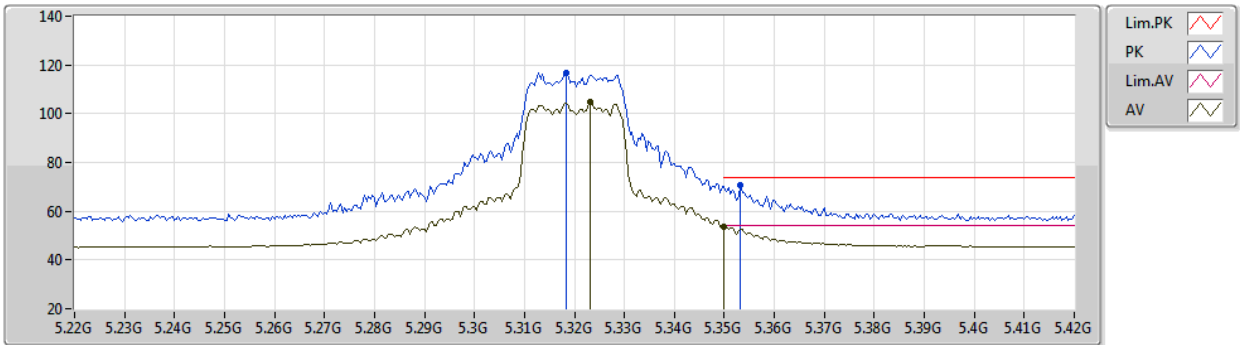
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04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5994G	53.32	68.20	-14.88	41.41	3	Horizontal	343	1.38	-	39.08	6.96	34.13
PK	15.8956G	63.22	74.00	-10.78	50.50	3	Horizontal	218	1.80	-	38.71	9.52	35.51
AV	15.9026G	46.99	54.00	-7.01	34.27	3	Horizontal	218	1.80	-	38.71	9.52	35.51

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5320MHz_TX



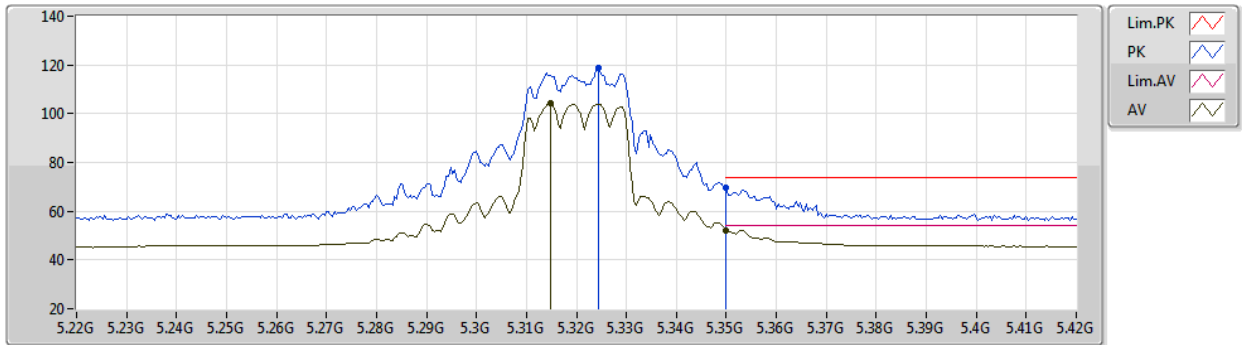
EUT Y_4TX
04-F-A-3-10

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	5.3184G	116.77	Inf	-Inf	112.42	3	Vertical	317	2.12	-	33.26	4.66	33.57
AV	5.3232G	104.58	Inf	-Inf	100.22	3	Vertical	317	2.12	-	33.27	4.66	33.57
PK	5.3532G	70.84	74.00	-3.16	66.37	3	Vertical	317	2.12	-	33.36	4.68	33.57
AV	5.35G	53.87	54.00	-0.13	49.41	3	Vertical	317	2.12	-	33.35	4.68	33.57

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5320MHz_TX

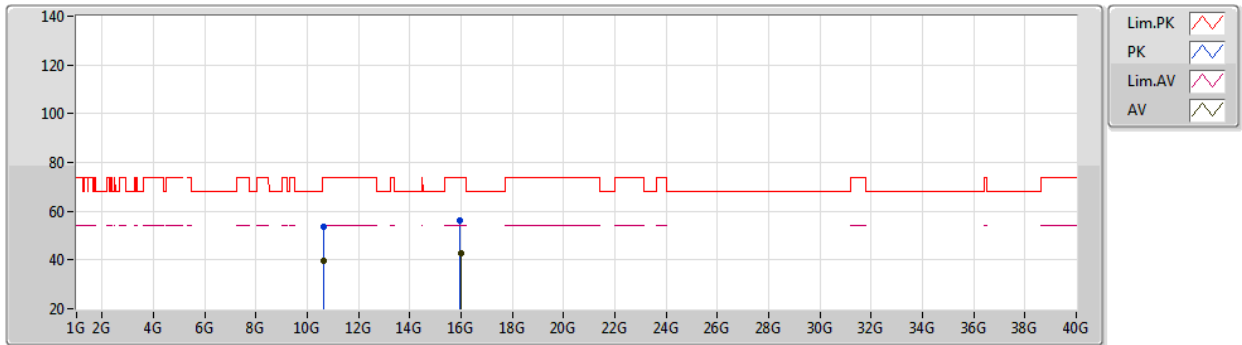

EUT Y_4TX
04-F-A-3-10

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	5.3244G	119.01	Inf	-Inf	114.65	3	Horizontal	125	1.45	-	33.27	4.66	33.57
AV	5.3148G	104.16	Inf	-Inf	99.83	3	Horizontal	125	1.45	-	33.24	4.66	33.57
PK	5.35G	69.70	74.00	-4.30	65.24	3	Horizontal	125	1.45	-	33.35	4.68	33.57
AV	5.35G	52.26	54.00	-1.74	47.80	3	Horizontal	125	1.45	-	33.35	4.68	33.57

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5320MHz_TX



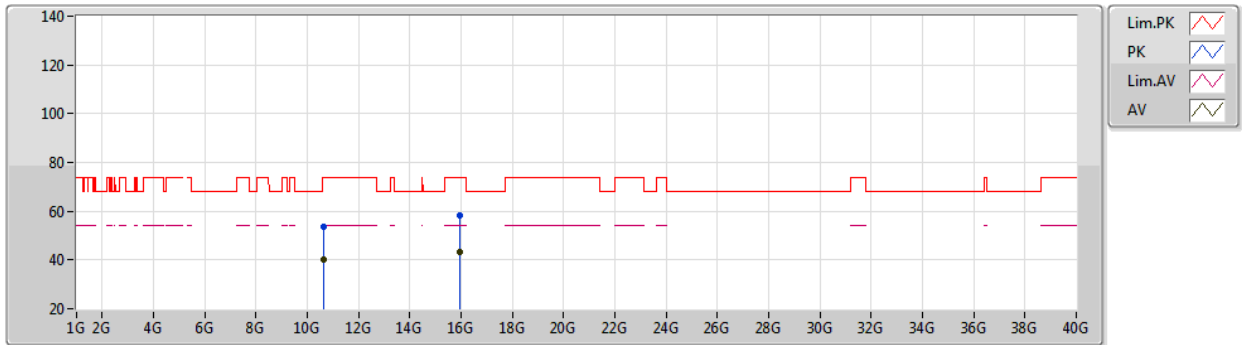
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6432G	53.55	74.00	-20.45	41.61	3	Vertical	128	1.91	-	39.11	6.99	34.16
AV	10.6157G	39.79	54.00	-14.21	27.87	3	Vertical	128	1.91	-	39.09	6.97	34.14
PK	15.9658G	56.32	74.00	-17.68	43.64	3	Vertical	113	1.80	-	38.64	9.57	35.53
AV	15.9821G	42.78	54.00	-11.22	30.11	3	Vertical	113	1.80	-	38.62	9.59	35.54

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5320MHz_TX



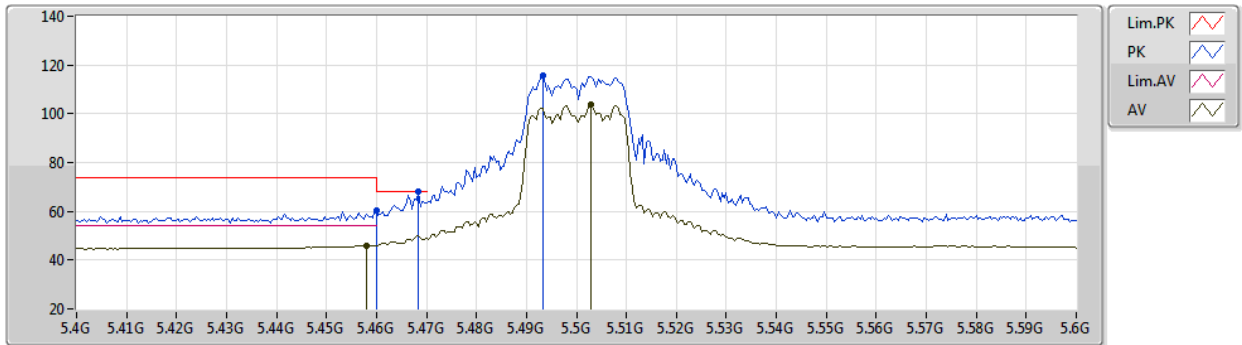
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6432G	53.53	74.00	-20.47	41.59	3	Horizontal	192	2.97	-	39.11	6.99	34.16
AV	10.659G	39.93	54.00	-14.07	27.97	3	Horizontal	192	2.97	-	39.13	7.00	34.17
PK	15.9618G	58.18	74.00	-15.82	45.50	3	Horizontal	226	1.61	-	38.64	9.57	35.53
AV	15.9584G	43.16	54.00	-10.84	30.47	3	Horizontal	226	1.61	-	38.65	9.57	35.53

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5500MHz_TX

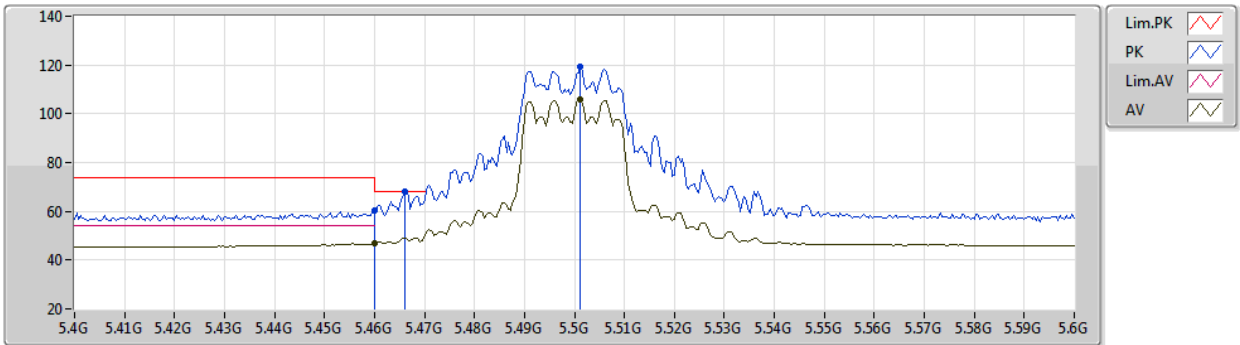

EUT Y_4TX
04-F-A-3-10

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	5.46G	60.17	74.00	-13.83	55.31	3	Vertical	134	1.80	-	33.68	4.76	33.58	
AV	5.458G	46.02	54.00	-7.98	41.17	3	Vertical	134	1.80	-	33.67	4.76	33.58	
PK	5.4684G	68.05	68.20	-0.15	63.15	3	Vertical	134	1.80	-	33.71	4.77	33.58	
PK	5.4932G	115.79	Inf	-Inf	110.80	3	Vertical	134	1.80	-	33.78	4.79	33.58	
AV	5.5028G	103.61	Inf	-Inf	98.57	3	Vertical	134	1.80	-	33.81	4.81	33.58	

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5500MHz_TX



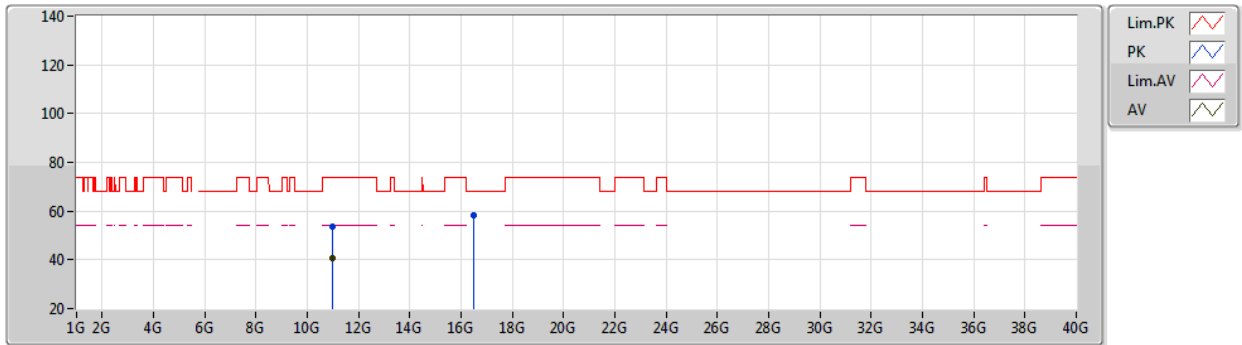
EUT Y_4TX
04-F-A-3-10

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	5.46G	60.36	74.00	-13.64	55.50	3	Horizontal	174	2.83	-	33.68	4.76	33.58
AV	5.46G	46.88	54.00	-7.12	42.02	3	Horizontal	174	2.83	-	33.68	4.76	33.58
PK	5.466G	67.93	68.20	-0.27	63.04	3	Horizontal	174	2.83	-	33.70	4.77	33.58
PK	5.5012G	119.21	Inf	-Inf	114.19	3	Horizontal	174	2.83	-	33.80	4.80	33.58
AV	5.5012G	105.88	Inf	-Inf	100.86	3	Horizontal	174	2.83	-	33.80	4.80	33.58

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5500MHz_TX



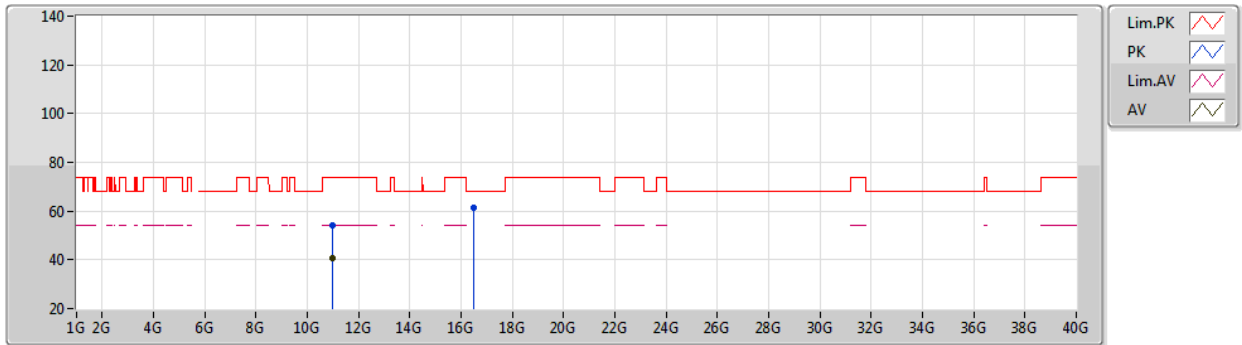
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0033G	53.67	74.00	-20.33	41.48	3	Vertical	137	2.28	-	39.40	7.20	34.41
AV	10.9956G	40.70	54.00	-13.30	28.51	3	Vertical	137	2.28	-	39.40	7.20	34.41
PK	16.5135G	58.37	68.20	-9.83	44.49	3	Vertical	16	2.15	-	39.73	9.70	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5500MHz_TX

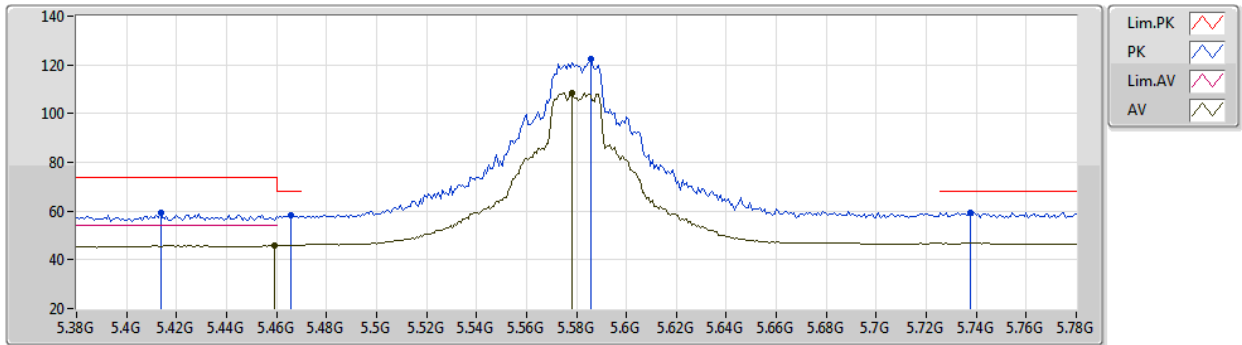

EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.998G	54.22	74.00	-19.78	42.03	3	Horizontal	156	1.55	-	39.40	7.20	34.41
AV	10.9946G	40.79	54.00	-13.21	28.60	3	Horizontal	156	1.55	-	39.40	7.20	34.41
PK	16.501G	61.59	68.20	-6.61	47.74	3	Horizontal	222	1.79	-	39.70	9.70	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5580MHz_TX



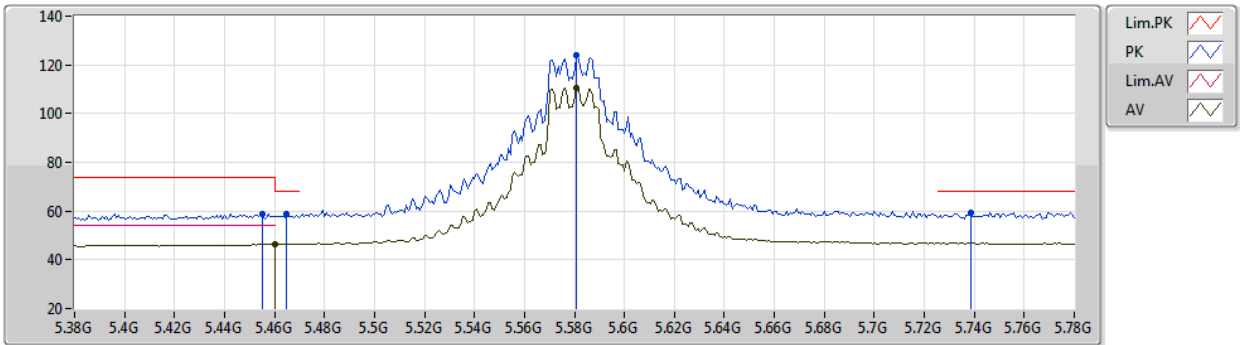
EUT Y_4TX
04-F-A-3-10

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	5.4136G	59.29	74.00	-14.71	54.61	3	Vertical	118	2.21	-	33.54	4.71	33.57
PK	5.4656G	58.30	68.20	-9.90	53.41	3	Vertical	118	2.21	-	33.70	4.77	33.58
AV	5.4592G	45.80	54.00	-8.20	40.94	3	Vertical	118	2.21	-	33.68	4.76	33.58
PK	5.5856G	122.34	Inf	-Inf	117.01	3	Vertical	118	2.21	-	33.97	4.97	33.61
AV	5.5784G	108.59	Inf	-Inf	103.27	3	Vertical	118	2.21	-	33.96	4.96	33.60
PK	5.7376G	59.55	68.20	-8.65	54.08	3	Vertical	118	2.21	-	34.18	4.93	33.64

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5580MHz_TX

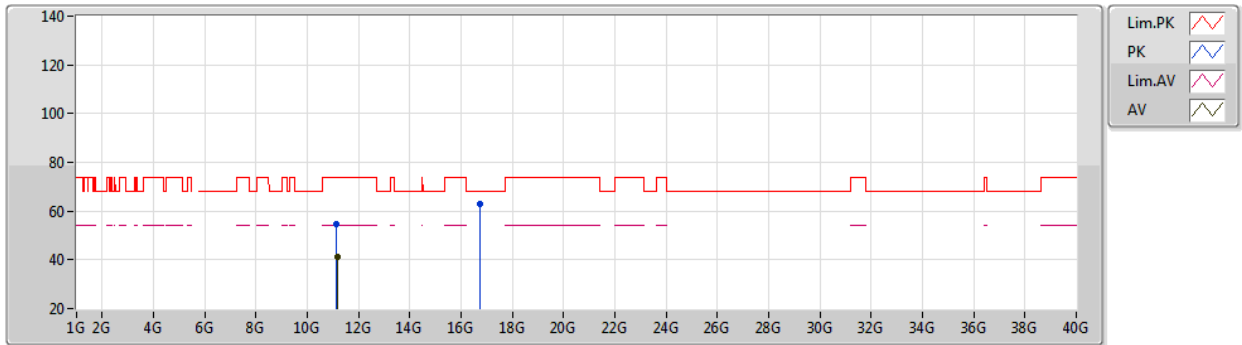

EUT Y_4TX
04-F-A-3-10

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	5.4552G	58.83	74.00	-15.17	53.98	3	Horizontal	177	2.67	-	33.67	4.76	33.58
AV	5.46G	46.37	54.00	-7.63	41.51	3	Horizontal	177	2.67	-	33.68	4.76	33.58
PK	5.4648G	58.76	68.20	-9.44	53.89	3	Horizontal	177	2.67	-	33.69	4.76	33.58
PK	5.5808G	123.94	Inf	-Inf	118.62	3	Horizontal	177	2.67	-	33.96	4.96	33.60
AV	5.5808G	110.52	Inf	-Inf	105.20	3	Horizontal	177	2.67	-	33.96	4.96	33.60
PK	5.7384G	59.35	68.20	-8.85	53.88	3	Horizontal	177	2.67	-	34.18	4.93	33.64

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5580MHz_TX



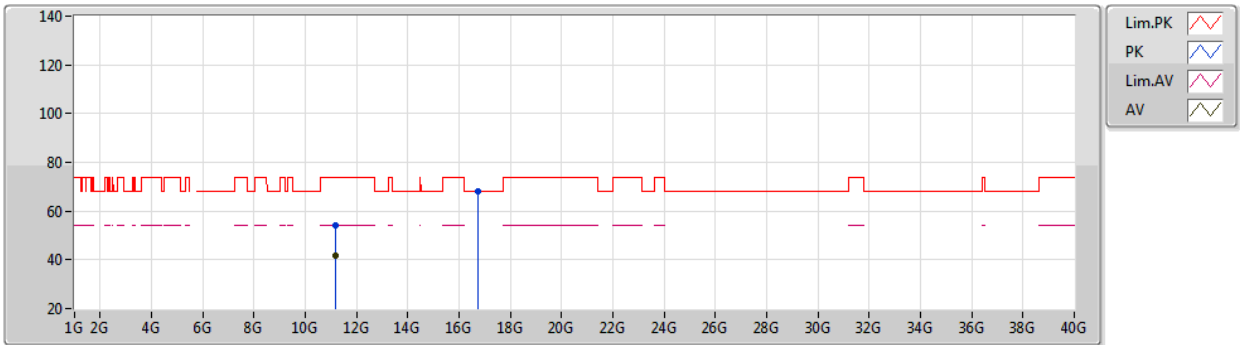
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.1454G	54.68	74.00	-19.32	42.66	3	Vertical	223	2.97	-	39.33	7.21	34.52
AV	11.1604G	41.01	54.00	-12.99	29.00	3	Vertical	223	2.97	-	39.32	7.22	34.53
PK	16.731G	62.78	68.20	-5.42	48.37	3	Vertical	278	2.75	-	40.21	9.75	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5580MHz_TX



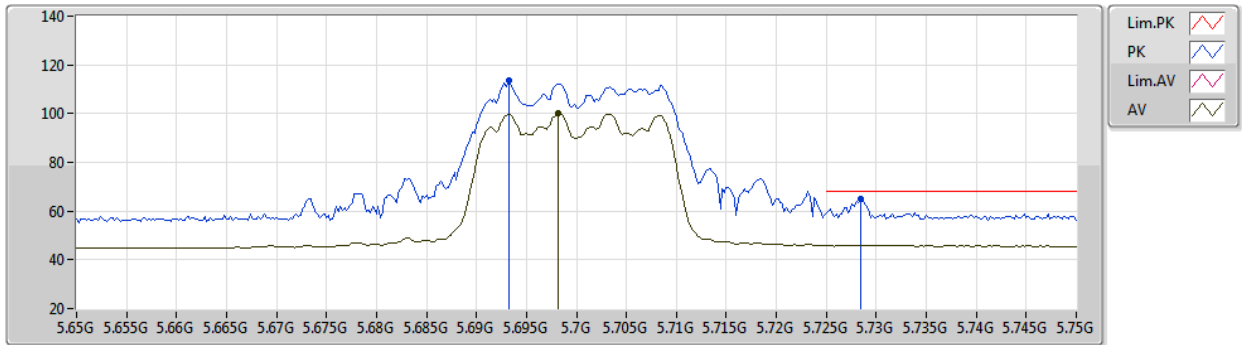
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.1594G	54.18	74.00	-19.82	42.17	3	Horizontal	347	2.07	-	39.32	7.22	34.53
AV	11.1592G	41.74	54.00	-12.26	29.73	3	Horizontal	347	2.07	-	39.32	7.22	34.53
PK	16.7409G	67.92	68.20	-0.28	53.49	3	Horizontal	227	1.80	-	40.23	9.75	35.55

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5700MHz_TX

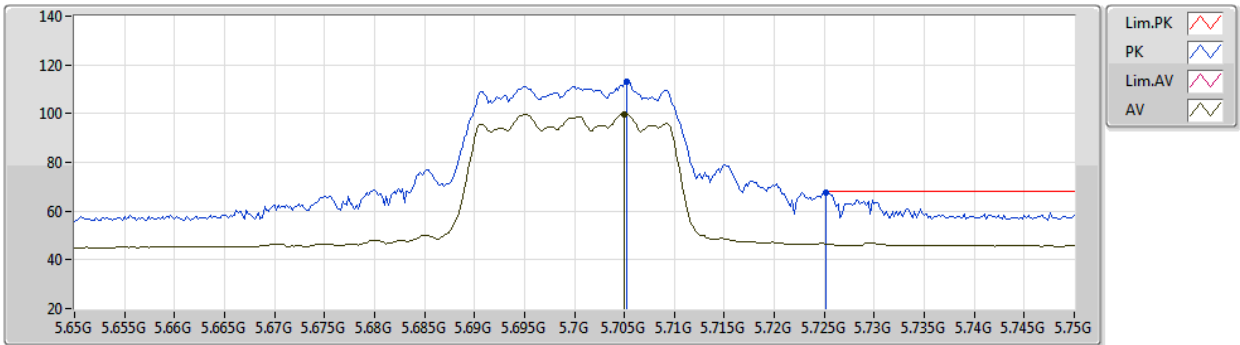

EUT Y_4TX
04-F-A-3-10

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	5.6932G	113.77	Inf	-Inf	108.36	3	Vertical	317	2.96	-	34.09	4.95	33.63
AV	5.6982G	99.98	Inf	-Inf	94.56	3	Vertical	317	2.96	-	34.10	4.95	33.63
PK	5.7284G	64.85	68.20	-3.35	59.39	3	Vertical	317	2.96	-	34.16	4.94	33.64

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5700MHz_TX



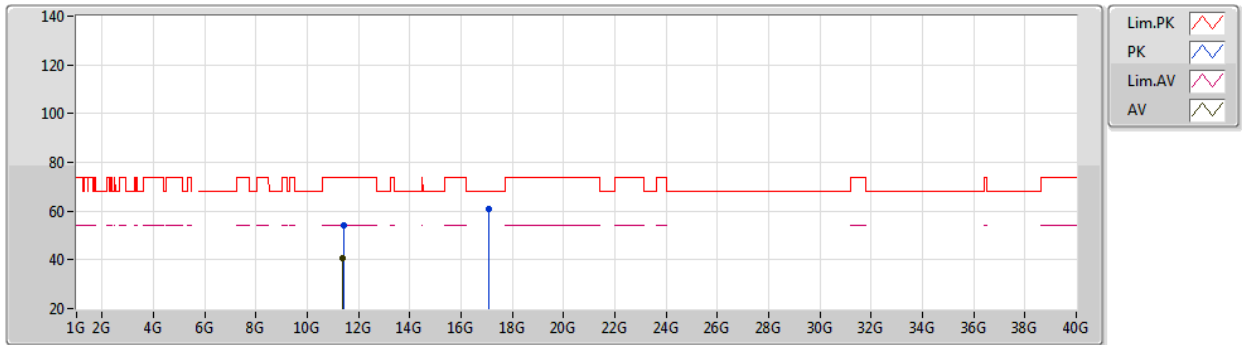
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04-F-A-3-10

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	5.7052G	113.10	Inf	-Inf	107.67	3	Horizontal	5	1.56	-	34.11	4.95	33.63
AV	5.705G	99.84	Inf	-Inf	94.41	3	Horizontal	5	1.56	-	34.11	4.95	33.63
PK	5.7252G	67.75	68.20	-0.45	62.30	3	Horizontal	5	1.56	-	34.15	4.94	33.64

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5700MHz_TX



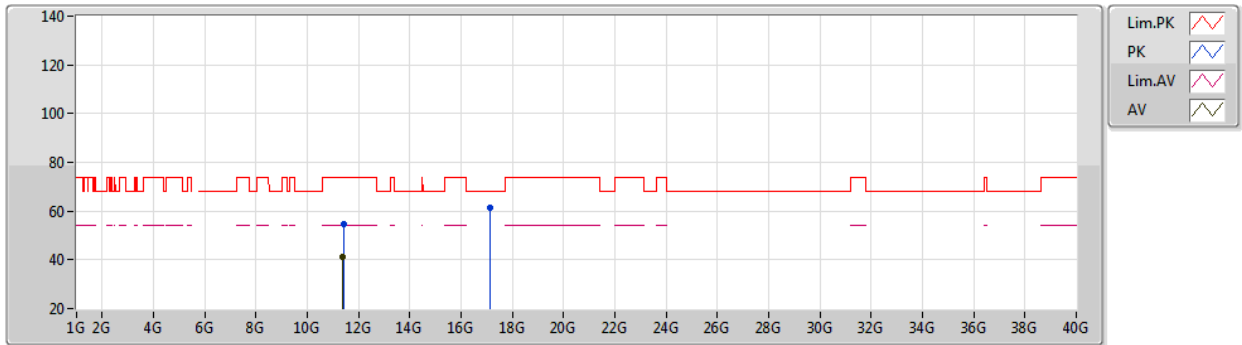
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.406G	53.90	74.00	-20.10	42.17	3	Vertical	132	2.31	-	39.20	7.24	34.71
AV	11.3895G	40.67	54.00	-13.33	28.92	3	Vertical	132	2.31	-	39.21	7.24	34.70
PK	17.0909G	60.80	68.20	-7.40	45.61	3	Vertical	78	1.87	-	40.88	9.84	35.53

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5700MHz_TX

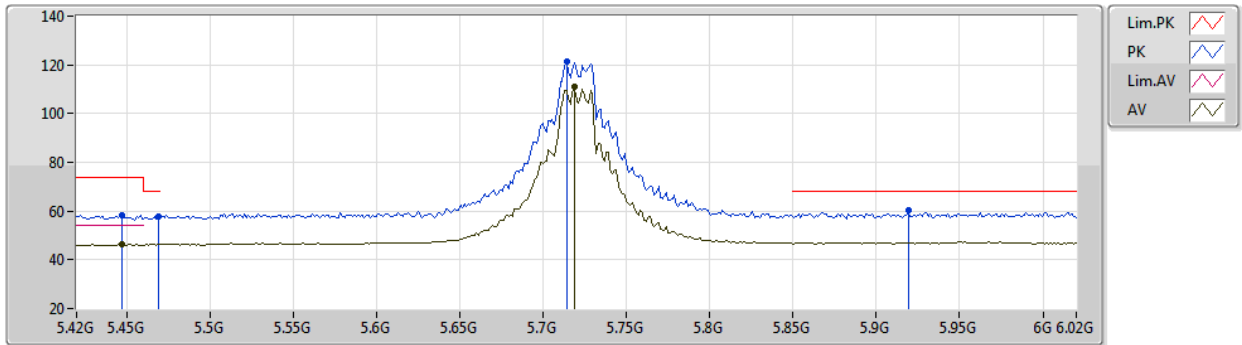

EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4096G	54.74	74.00	-19.26	43.01	3	Horizontal	348	1.56	-	39.20	7.24	34.71
AV	11.3998G	41.12	54.00	-12.88	29.39	3	Horizontal	348	1.56	-	39.20	7.24	34.71
PK	17.11G	61.22	68.20	-6.98	46.01	3	Horizontal	313	1.80	-	40.90	9.84	35.53

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5720MHz_TX



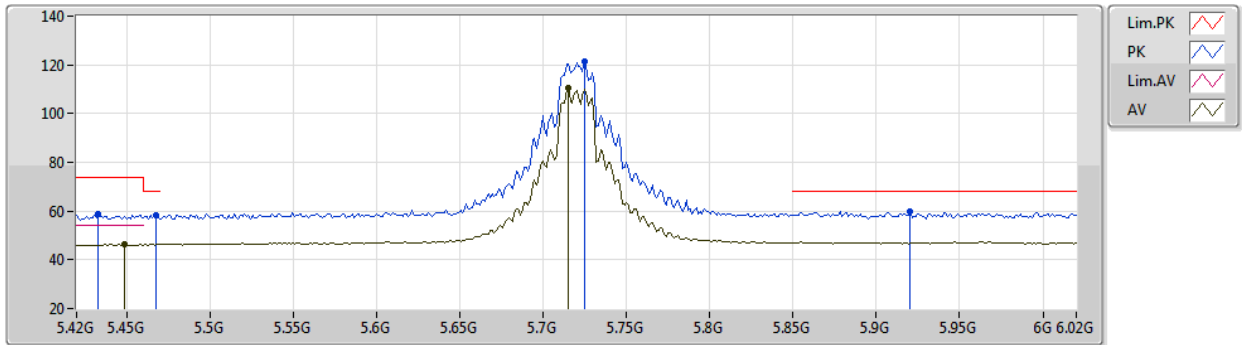
EUT Y_4TX
04-F-A-3-10

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	5.4476G	58.39	74.00	-15.61	52.69	3	Vertical	309	1.80	-	34.52	4.75	33.57
AV	5.4476G	46.33	54.00	-7.67	40.63	3	Vertical	309	1.80	-	34.52	4.75	33.57
PK	5.4692G	57.80	68.20	-10.40	52.06	3	Vertical	309	1.80	-	34.55	4.77	33.58
PK	5.714G	121.55	Inf	-Inf	115.00	3	Vertical	309	1.80	-	35.24	4.94	33.63
AV	5.7188G	110.78	Inf	-Inf	104.22	3	Vertical	309	1.80	-	35.26	4.94	33.64
PK	5.9192G	60.33	68.20	-7.87	53.20	3	Vertical	309	1.80	-	35.86	4.96	33.69

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5720MHz_TX

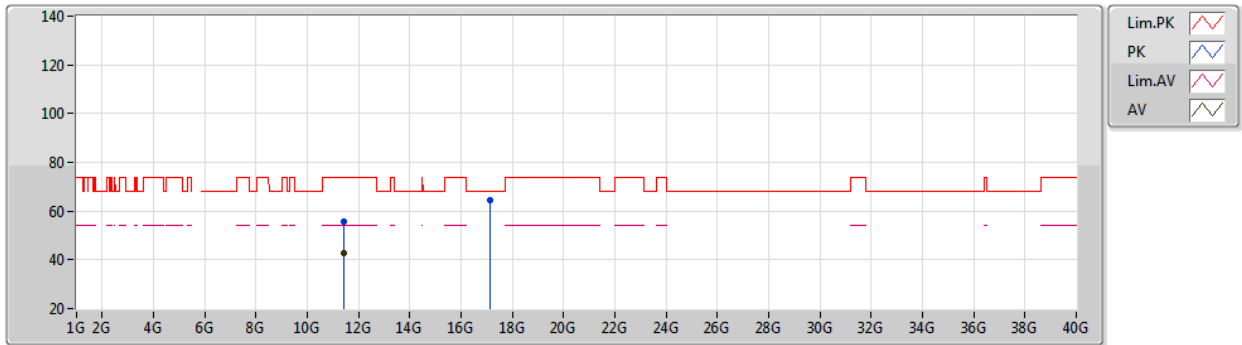

EUT Y_4TX
04-F-A-3-10

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	5.4332G	58.73	74.00	-15.27	53.04	3	Horizontal	7	1.22	-	31.67	5.80	31.78
AV	5.4488G	46.33	54.00	-7.67	40.61	3	Horizontal	7	1.22	-	31.70	5.80	31.78
PK	5.468G	58.28	68.20	-9.92	52.53	3	Horizontal	7	1.22	-	31.74	5.80	31.79
PK	5.7248G	121.53	Inf	-Inf	115.71	3	Horizontal	7	1.22	-	31.80	5.92	31.90
AV	5.7152G	110.36	Inf	-Inf	104.59	3	Horizontal	7	1.22	-	31.76	5.91	31.90
PK	5.9204G	59.65	68.20	-8.55	53.30	3	Horizontal	7	1.22	-	32.40	5.94	31.99

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5720MHz_TX



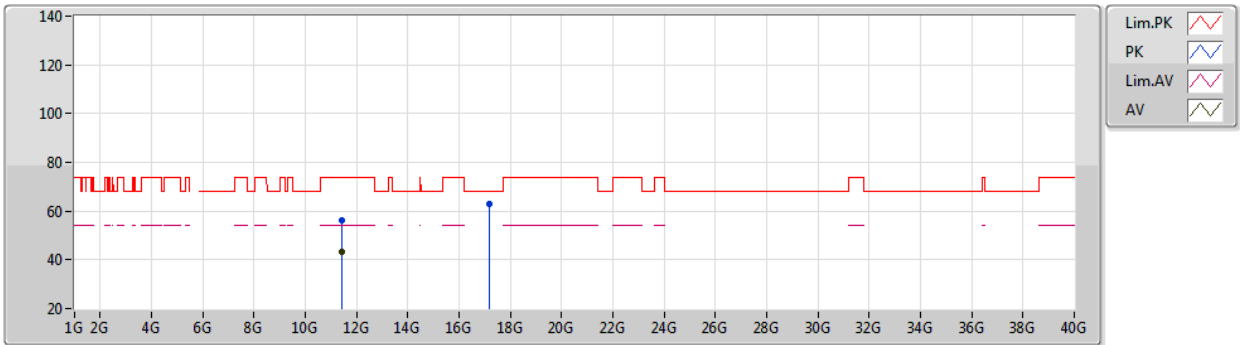
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.42512G	55.74	74.00	-18.26	41.63	3	Vertical	186	1.65	-	39.76	8.10	33.75
AV	11.42576G	42.60	54.00	-11.40	28.49	3	Vertical	186	1.65	-	39.76	8.10	33.75
PK	17.15128G	64.27	68.20	-3.93	46.46	3	Vertical	176	1.07	-	42.21	9.45	33.85

802.11ax HEW20_Nss1,(MCS0)_4TX

25/12/2019

5720MHz_TX



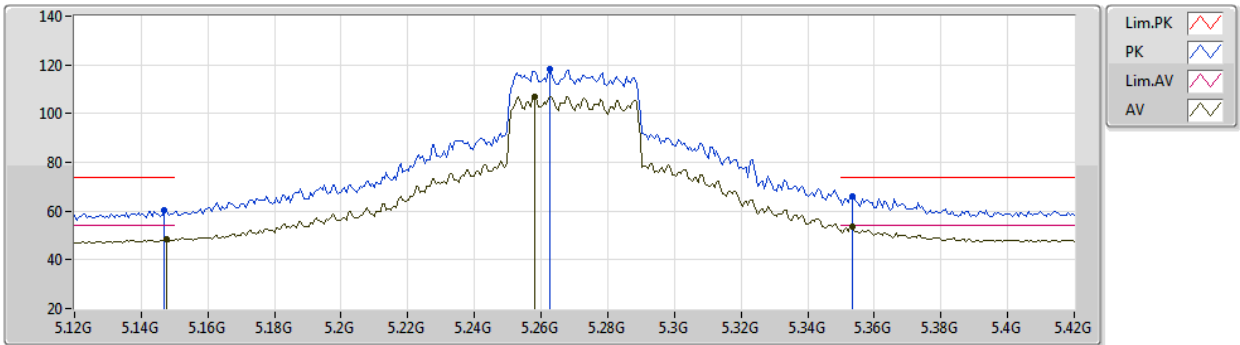
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4288G	56.16	74.00	-17.84	42.05	3	Horizontal	106	2.23	-	39.76	8.10	33.75
AV	11.43408G	43.40	54.00	-10.60	29.31	3	Horizontal	106	2.23	-	39.75	8.10	33.76
PK	17.17152G	62.78	68.20	-5.42	44.75	3	Horizontal	200	1.00	-	42.42	9.46	33.85

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5270MHz_TX



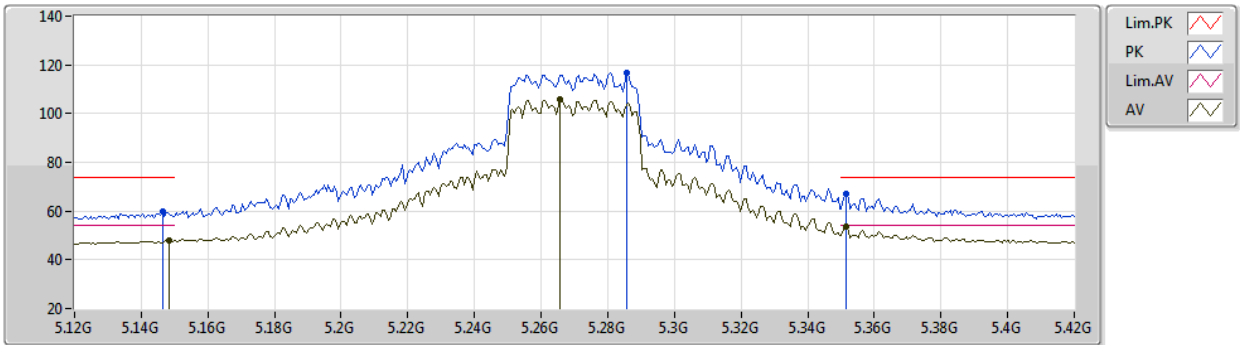
EUT Y_4TX
04-F-A-3-10

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	5.147G	60.22	74.00	-13.78	56.08	3	Vertical	262	1.41	-	33.05	4.65	33.56
AV	5.1476G	48.20	54.00	-5.80	44.06	3	Vertical	262	1.41	-	33.05	4.65	33.56
PK	5.2628G	118.53	Inf	-Inf	114.31	3	Vertical	262	1.41	-	33.16	4.63	33.57
AV	5.258G	106.98	Inf	-Inf	102.76	3	Vertical	262	1.41	-	33.16	4.63	33.57
PK	5.3534G	66.27	74.00	-7.73	61.80	3	Vertical	262	1.41	-	33.36	4.68	33.57
AV	5.3534G	53.64	54.00	-0.36	49.17	3	Vertical	262	1.41	-	33.36	4.68	33.57

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5270MHz_TX

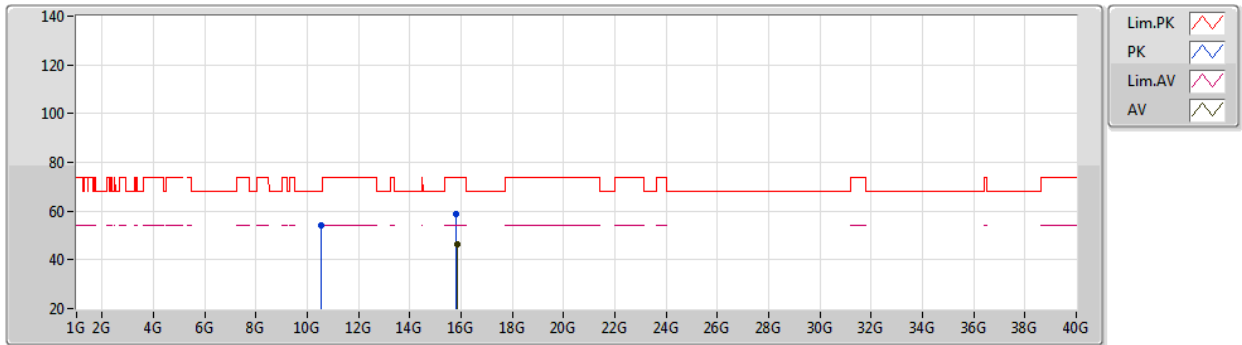

EUT Y_4TX
04-F-A-3-10

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	5.1464G	59.73	74.00	-14.27	55.59	3	Horizontal	169	2.85	-	33.05	4.65	33.56
AV	5.1482G	47.91	54.00	-6.09	43.77	3	Horizontal	169	2.85	-	33.05	4.65	33.56
PK	5.2856G	116.87	Inf	-Inf	112.61	3	Horizontal	169	2.85	-	33.19	4.64	33.57
AV	5.2658G	105.84	Inf	-Inf	101.61	3	Horizontal	169	2.85	-	33.17	4.63	33.57
PK	5.3516G	67.22	74.00	-6.78	62.76	3	Horizontal	169	2.85	-	33.35	4.68	33.57
AV	5.3516G	53.53	54.00	-0.47	49.07	3	Horizontal	169	2.85	-	33.35	4.68	33.57

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5270MHz_TX



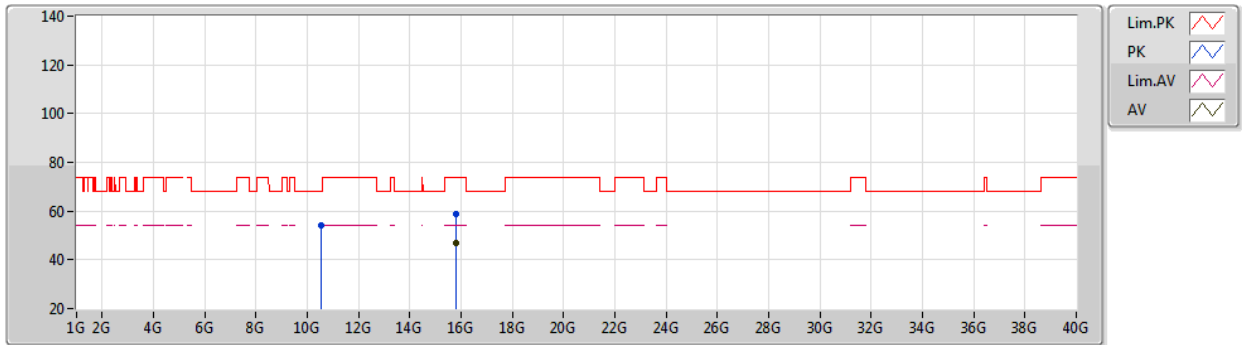
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5444G	54.02	68.20	-14.18	42.15	3	Vertical	76	2.34	-	39.04	6.93	34.10
PK	15.8106G	58.76	74.00	-15.24	45.99	3	Vertical	266	2.29	-	38.81	9.45	35.49
AV	15.8288G	46.47	54.00	-7.53	33.72	3	Vertical	266	2.29	-	38.79	9.46	35.50

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5270MHz_TX



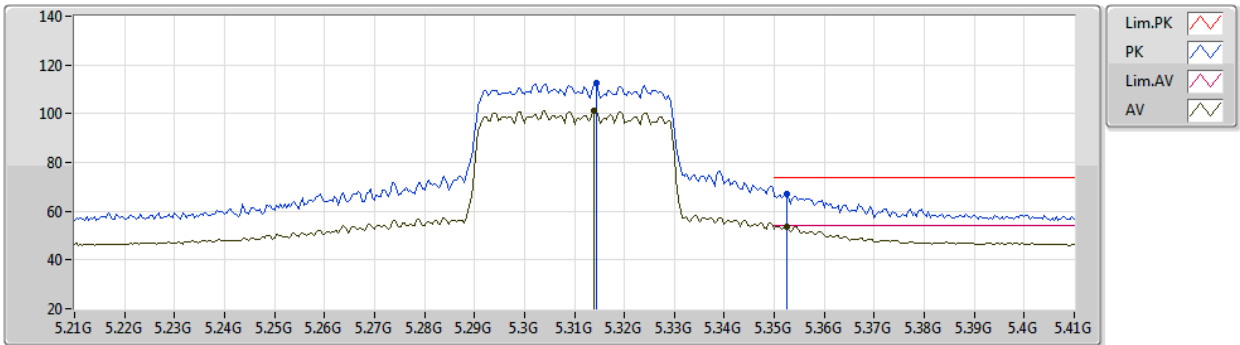
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5609G	53.99	68.20	-14.21	42.11	3	Horizontal	230	2.17	-	39.05	6.94	34.11
PK	15.8156G	58.86	74.00	-15.14	46.10	3	Horizontal	207	1.83	-	38.80	9.45	35.49
AV	15.8207G	46.74	54.00	-7.26	33.97	3	Horizontal	207	1.83	-	38.80	9.46	35.49

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5310MHz_TX



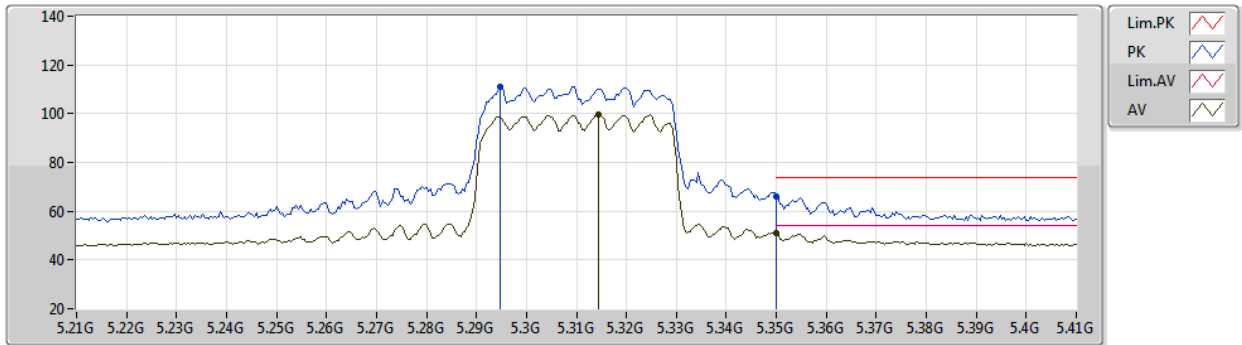
EUT Y_4TX
04-F-A-3-10

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	5.3144G	112.84	Inf	-Inf	108.51	3	Vertical	307	1.42	-	33.24	4.66	33.57
AV	5.314G	101.41	Inf	-Inf	97.08	3	Vertical	307	1.42	-	33.24	4.66	33.57
PK	5.3524G	66.82	74.00	-7.18	62.35	3	Vertical	307	1.42	-	33.36	4.68	33.57
AV	5.3524G	53.63	54.00	-0.37	49.16	3	Vertical	307	1.42	-	33.36	4.68	33.57

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5310MHz_TX



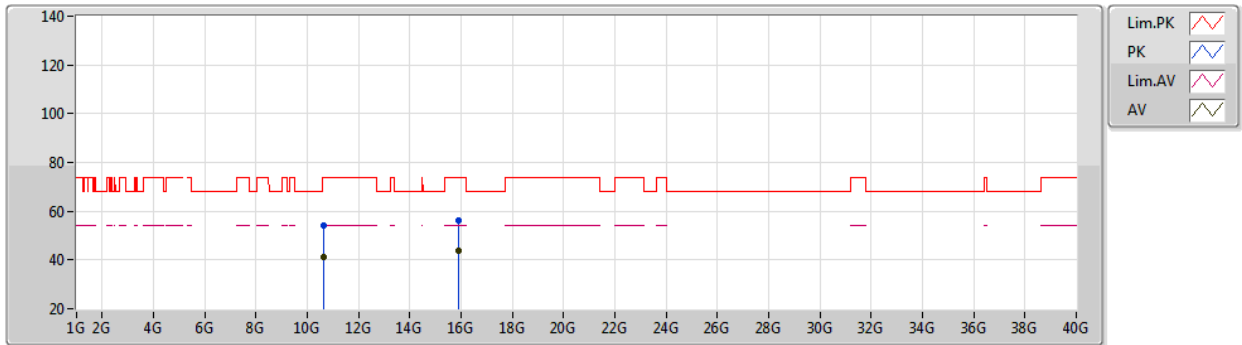
EUT Y_4TX
04-F-A-3-10

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	5.2948G	111.17	Inf	-Inf	106.90	3	Horizontal	121	1.54	-	33.19	4.65	33.57
AV	5.3144G	99.79	Inf	-Inf	95.46	3	Horizontal	121	1.54	-	33.24	4.66	33.57
PK	5.35G	66.28	74.00	-7.72	61.82	3	Horizontal	121	1.54	-	33.35	4.68	33.57
AV	5.35G	50.97	54.00	-3.03	46.51	3	Horizontal	121	1.54	-	33.35	4.68	33.57

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5310MHz_TX



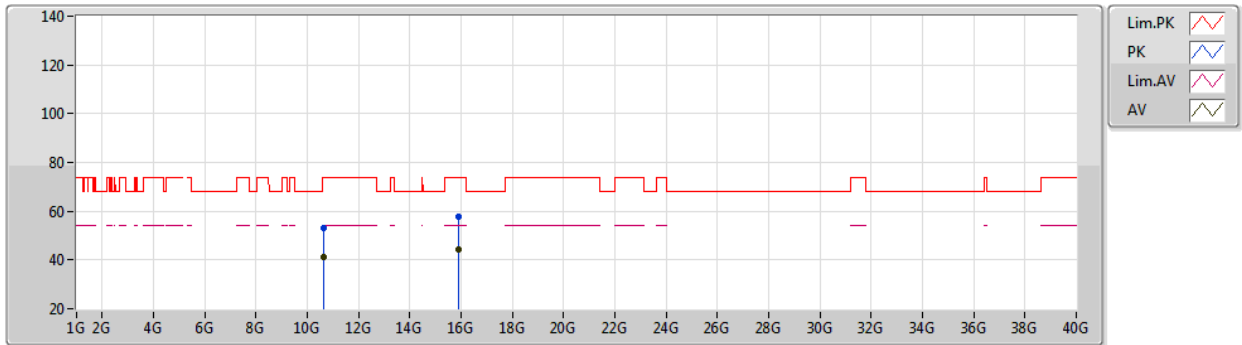
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6329G	54.00	74.00	-20.00	42.07	3	Vertical	95	2.88	-	39.11	6.98	34.16
AV	10.6359G	41.26	54.00	-12.74	29.33	3	Vertical	95	2.88	-	39.11	6.98	34.16
PK	15.9063G	56.12	74.00	-17.88	43.41	3	Vertical	275	1.74	-	38.70	9.53	35.52
AV	15.9172G	43.89	54.00	-10.11	31.19	3	Vertical	275	1.74	-	38.69	9.53	35.52

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5310MHz_TX



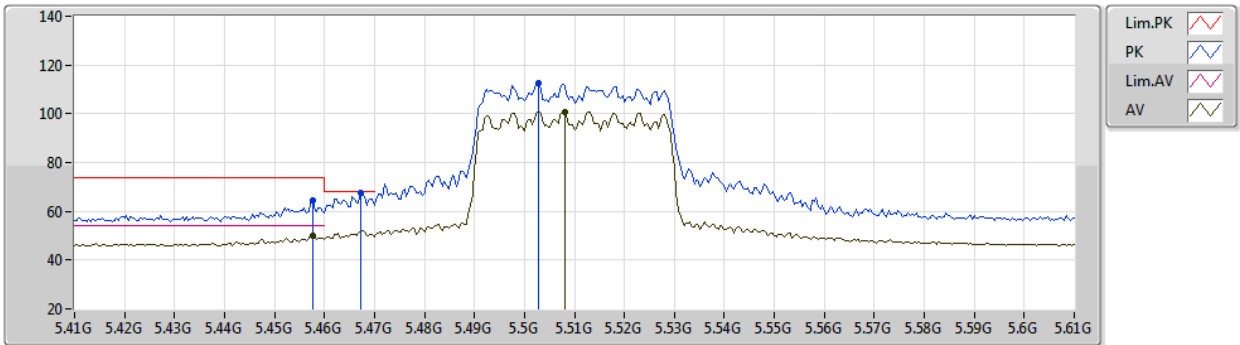
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6153G	53.15	74.00	-20.85	41.23	3	Horizontal	116	1.87	-	39.09	6.97	34.14
AV	10.6416G	41.13	54.00	-12.87	29.20	3	Horizontal	116	1.87	-	39.11	6.98	34.16
PK	15.9087G	57.56	74.00	-16.44	44.85	3	Horizontal	219	1.80	-	38.70	9.53	35.52
AV	15.9128G	44.48	54.00	-9.52	31.77	3	Horizontal	219	1.80	-	38.70	9.53	35.52

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5510MHz_TX

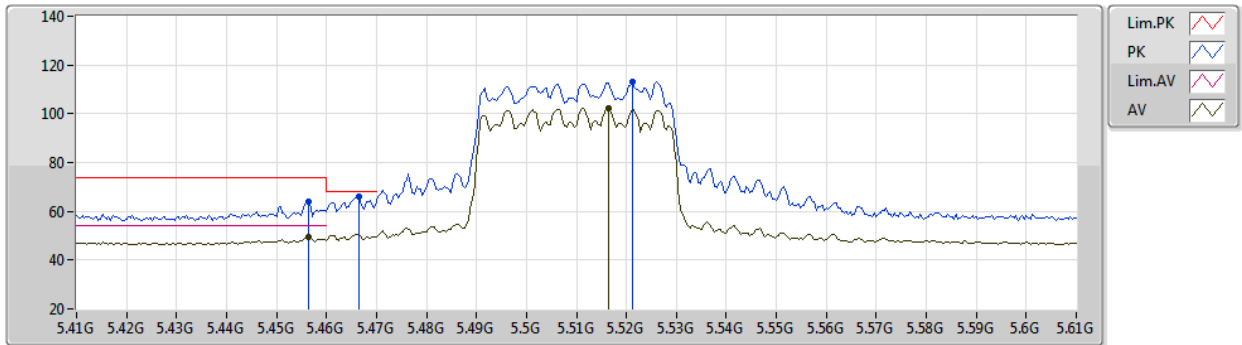

EUT Y_4TX
04-F-A-3-10

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	5.4576G	64.28	74.00	-9.72	59.43	3	Vertical	131	1.80	-	33.67	4.76	33.58
AV	5.4576G	50.19	54.00	-3.81	45.34	3	Vertical	131	1.80	-	33.67	4.76	33.58
PK	5.4672G	67.81	68.20	-0.39	62.92	3	Vertical	131	1.80	-	33.70	4.77	33.58
PK	5.5028G	112.80	Inf	-Inf	107.76	3	Vertical	131	1.80	-	33.81	4.81	33.58
AV	5.508G	100.92	Inf	-Inf	95.86	3	Vertical	131	1.80	-	33.82	4.82	33.58

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5510MHz_TX

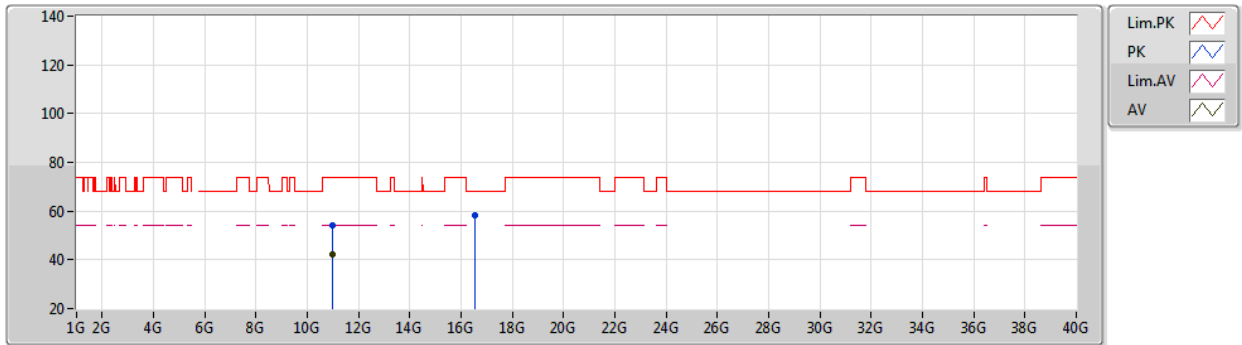

EUT Y_4TX
04-F-A-3-10

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	5.4564G	64.04	74.00	-9.96	59.19	3	Horizontal	186	2.21	-	33.67	4.76	33.58
AV	5.4564G	49.34	54.00	-4.66	44.49	3	Horizontal	186	2.21	-	33.67	4.76	33.58
PK	5.4664G	65.89	68.20	-2.31	61.00	3	Horizontal	186	2.21	-	33.70	4.77	33.58
PK	5.5212G	113.16	Inf	-Inf	108.07	3	Horizontal	186	2.21	-	33.84	4.84	33.59
AV	5.5164G	102.35	Inf	-Inf	97.27	3	Horizontal	186	2.21	-	33.83	4.83	33.58

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5510MHz_TX



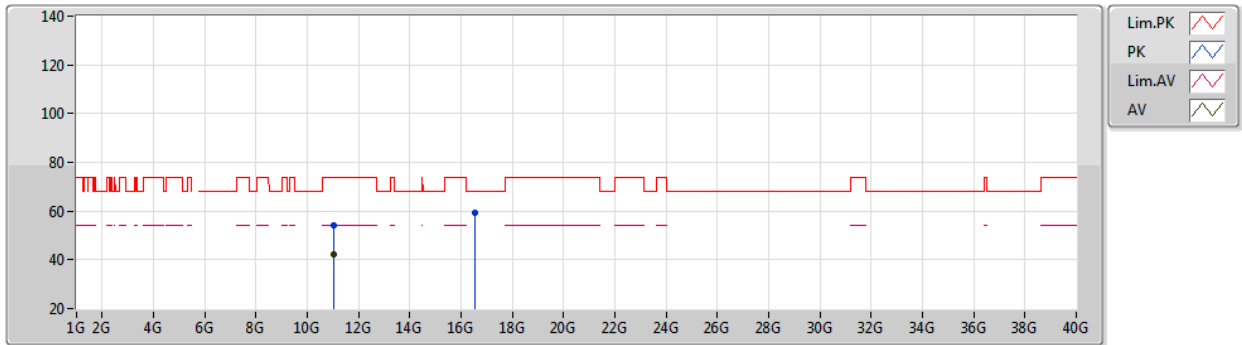
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.996G	54.11	74.00	-19.89	41.92	3	Vertical	56	2.87	-	39.40	7.20	34.41
AV	11.0041G	42.49	54.00	-11.51	30.30	3	Vertical	56	2.87	-	39.40	7.20	34.41
PK	16.5199G	58.51	68.20	-9.69	44.62	3	Vertical	63	2.78	-	39.74	9.70	35.55

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5510MHz_TX

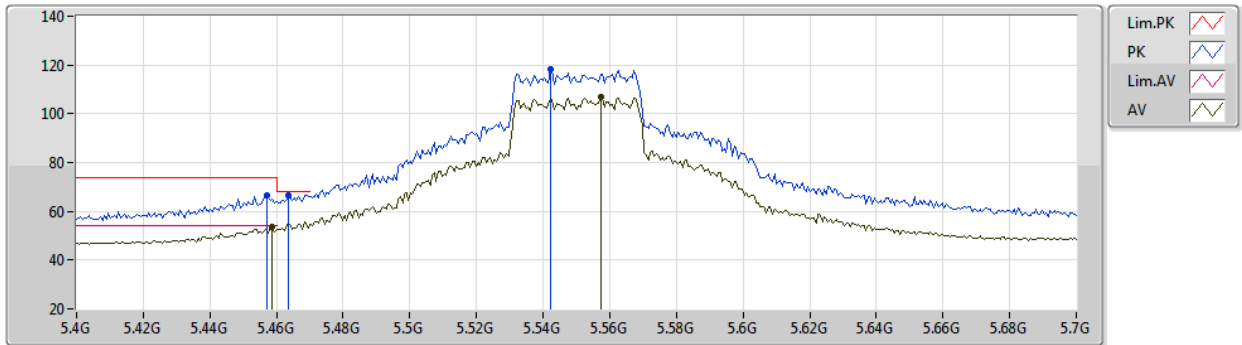

EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0229G	53.88	74.00	-20.12	41.72	3	Horizontal	86	2.06	-	39.39	7.20	34.43
AV	11.0197G	42.28	54.00	-11.72	30.11	3	Horizontal	86	2.06	-	39.39	7.20	34.42
PK	16.5252G	59.55	68.20	-8.65	45.63	3	Horizontal	286	1.80	-	39.76	9.71	35.55

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5550MHz_TX



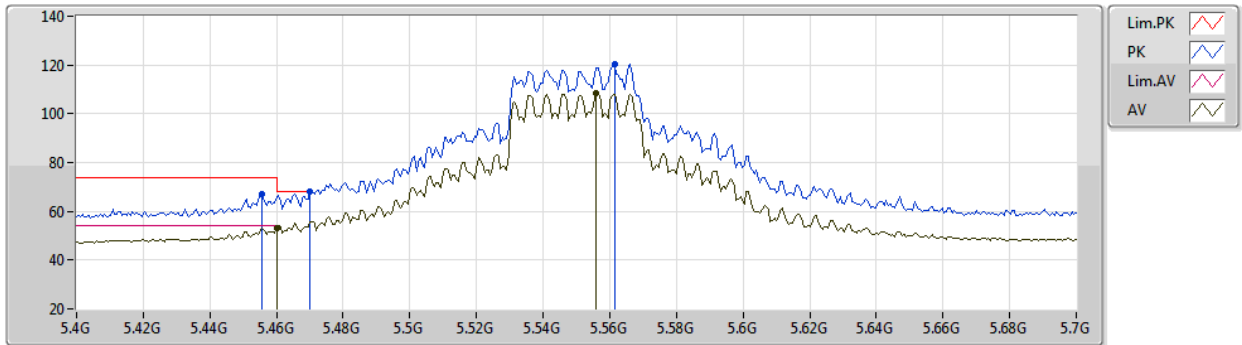
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04-F-A-3-10

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	5.457G	66.49	74.00	-7.51	61.64	3	Vertical	204	1.65	-	33.67	4.76	33.58
AV	5.4588G	53.70	54.00	-0.30	48.84	3	Vertical	204	1.65	-	33.68	4.76	33.58
PK	5.4636G	66.61	68.20	-1.59	61.74	3	Vertical	204	1.65	-	33.69	4.76	33.58
PK	5.5422G	118.48	Inf	-Inf	113.31	3	Vertical	204	1.65	-	33.88	4.88	33.59
AV	5.5572G	106.77	Inf	-Inf	101.55	3	Vertical	204	1.65	-	33.91	4.91	33.60

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5550MHz_TX

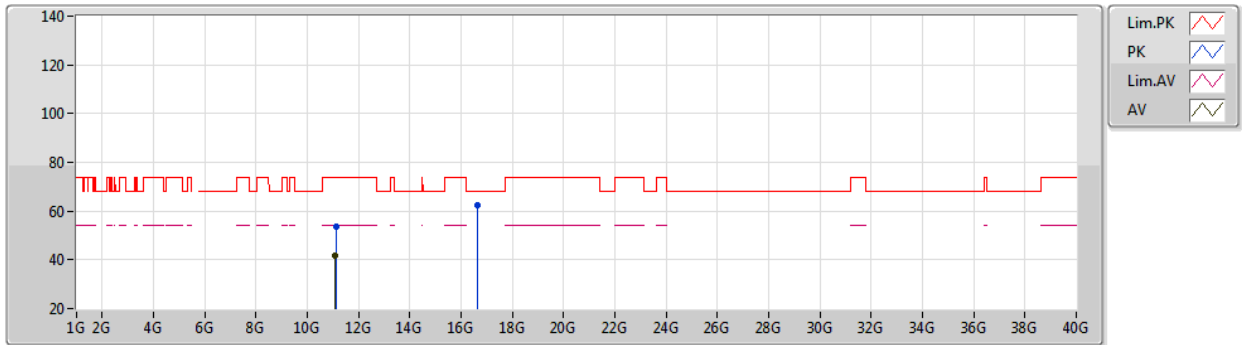

EUT Y_4TX
04-F-A-3-10

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	5.4558G	67.03	74.00	-6.97	62.18	3	Horizontal	175	2.90	-	33.67	4.76	33.58
AV	5.46G	53.17	54.00	-0.83	48.31	3	Horizontal	175	2.90	-	33.68	4.76	33.58
PK	5.47G	68.03	68.20	-0.17	63.13	3	Horizontal	175	2.90	-	33.71	4.77	33.58
PK	5.5614G	120.53	Inf	-Inf	115.29	3	Horizontal	175	2.90	-	33.92	4.92	33.60
AV	5.556G	108.22	Inf	-Inf	103.00	3	Horizontal	175	2.90	-	33.91	4.91	33.60

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5550MHz_TX



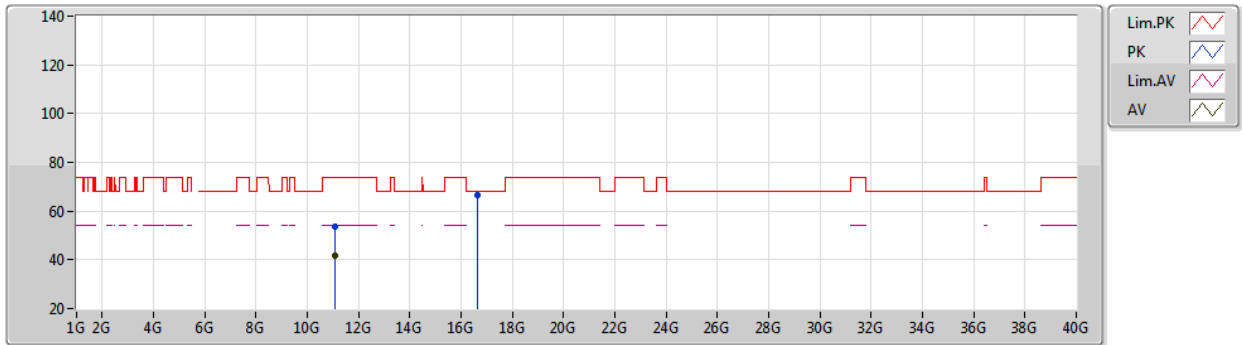
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.1216G	53.84	74.00	-20.16	41.79	3	Vertical	48	2.75	-	39.34	7.21	34.50
AV	11.1065G	41.86	54.00	-12.14	29.79	3	Vertical	48	2.75	-	39.35	7.21	34.49
PK	16.6417G	62.56	68.20	-5.64	48.37	3	Vertical	260	2.92	-	40.01	9.73	35.55

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5550MHz_TX



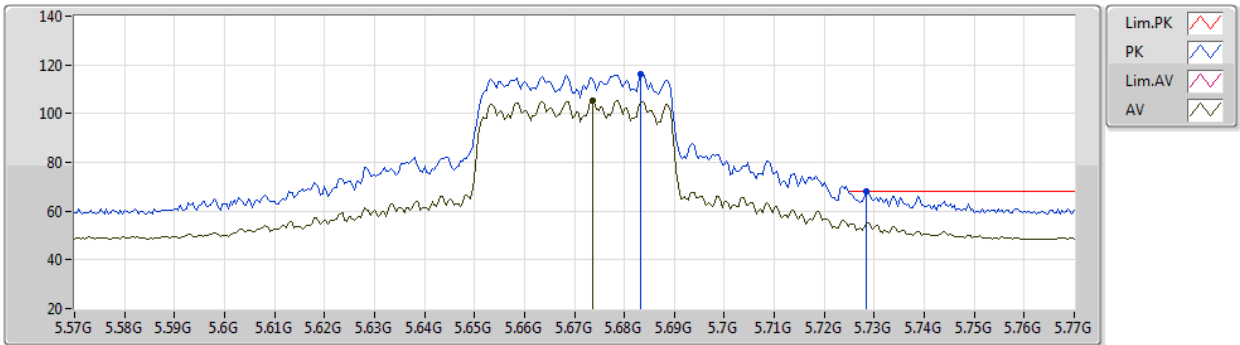
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04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0756G	53.59	74.00	-20.41	41.49	3	Horizontal	245	2.25	-	39.36	7.21	34.47
AV	11.0931G	41.72	54.00	-12.28	29.64	3	Horizontal	245	2.25	-	39.35	7.21	34.48
PK	16.6614G	66.72	68.20	-1.48	52.48	3	Horizontal	223	1.56	-	40.06	9.73	35.55

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5670MHz_TX



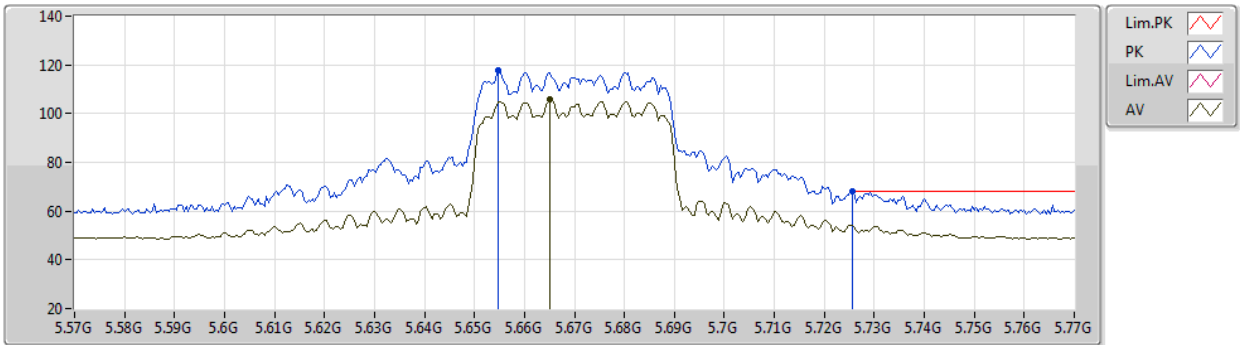
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04-F-A-3-10

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	5.6832G	116.29	Inf	-Inf	110.07	3	Vertical	308	2.58	-	34.32	6.86	34.96
AV	5.6736G	105.25	Inf	-Inf	99.02	3	Vertical	308	2.58	-	34.33	6.86	34.96
PK	5.7284G	67.90	68.20	-0.30	61.70	3	Vertical	308	2.58	-	34.30	6.84	34.94

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5670MHz_TX



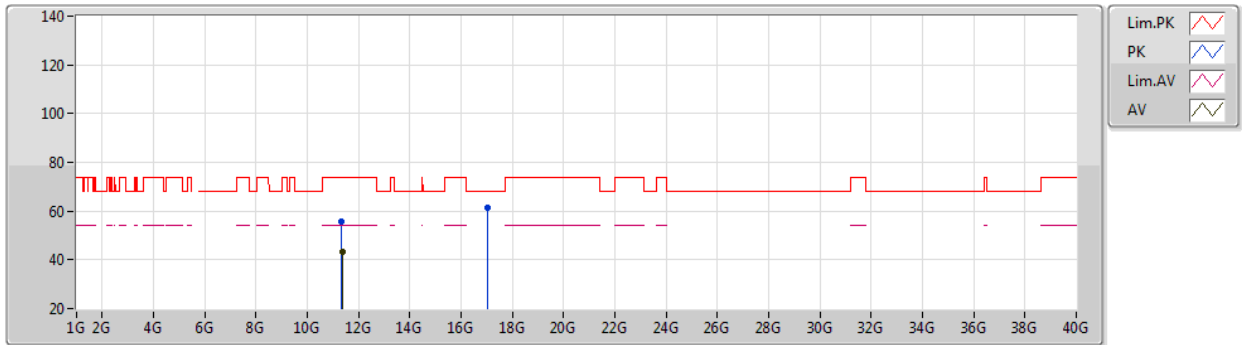
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04-F-A-3-10

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	5.6548G	117.51	Inf	-Inf	111.25	3	Horizontal	360	1.77	-	34.35	6.87	34.96
AV	5.6652G	105.62	Inf	-Inf	99.38	3	Horizontal	360	1.77	-	34.33	6.87	34.96
PK	5.7256G	68.10	68.20	-0.10	61.90	3	Horizontal	360	1.77	-	34.30	6.84	34.94

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5670MHz_TX



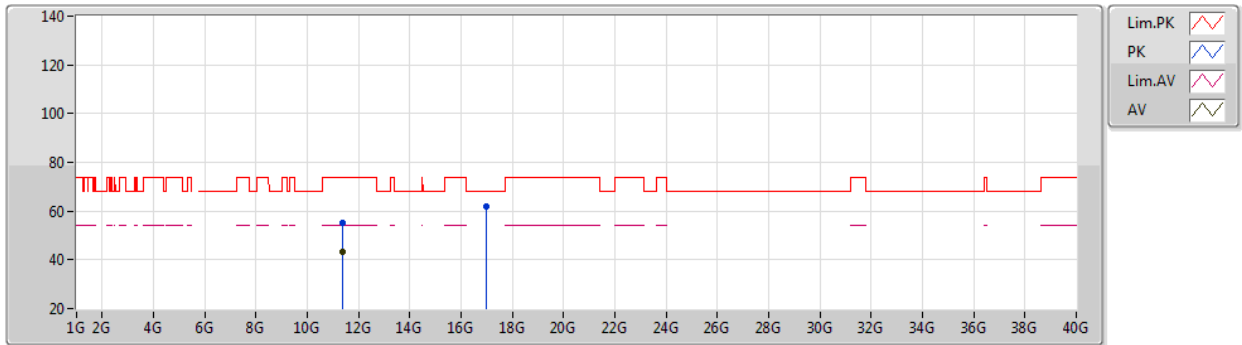
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04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3173G	55.72	74.00	-18.28	42.01	3	Vertical	108	2.45	-	38.72	9.64	34.65
AV	11.364G	43.09	54.00	-10.91	29.35	3	Vertical	108	2.45	-	38.75	9.65	34.66
PK	17.0086G	61.30	68.20	-6.90	44.62	3	Vertical	234	1.18	-	39.94	11.33	34.59

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5670MHz_TX



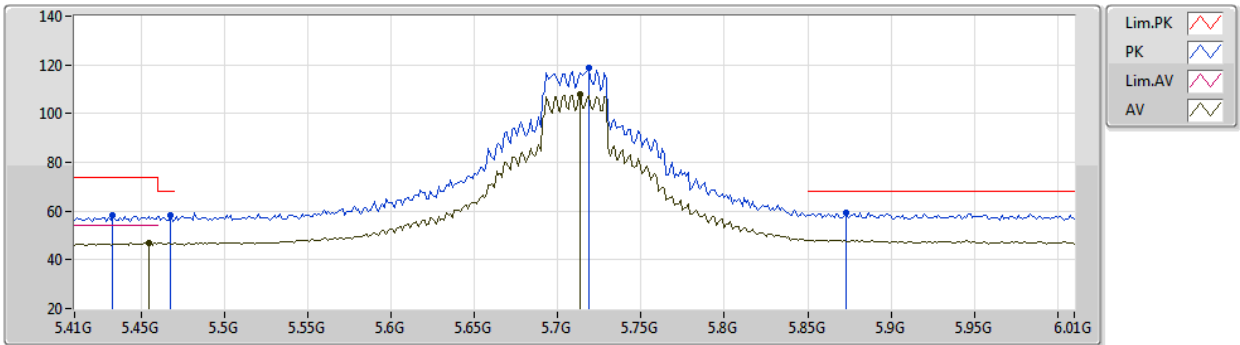
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3535G	55.34	74.00	-18.66	41.60	3	Horizontal	314	1.21	-	38.75	9.64	34.65
AV	11.3597G	43.22	54.00	-10.78	29.47	3	Horizontal	314	1.21	-	38.75	9.65	34.65
PK	16.996G	61.87	68.20	-6.33	45.25	3	Horizontal	221	1.88	-	39.89	11.32	34.59

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5710MHz_TX



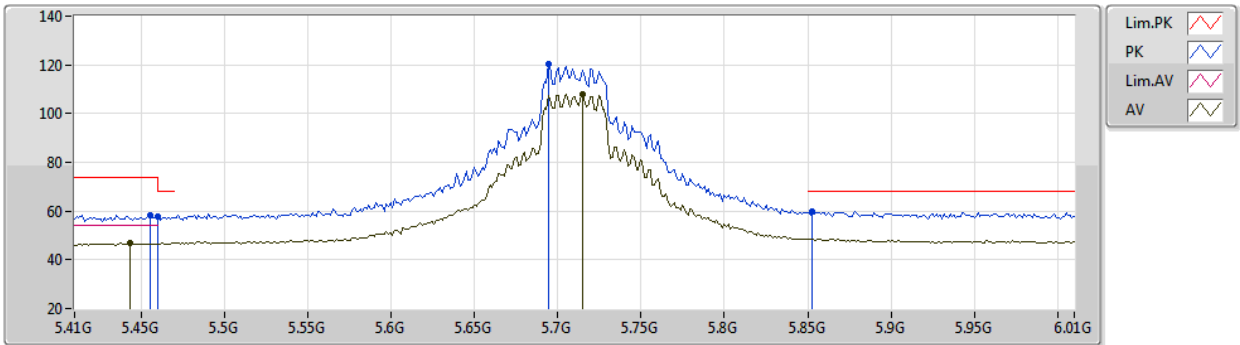
EUT Y_4TX
04-F-A-3-10

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	5.4328G	58.16	74.00	-15.84	52.47	3	Vertical	313	2.53	-	31.67	5.80	31.78
PK	5.4676G	58.21	68.20	-9.99	52.46	3	Vertical	313	2.53	-	31.74	5.80	31.79
AV	5.4544G	46.97	54.00	-7.03	41.25	3	Vertical	313	2.53	-	31.71	5.80	31.79
PK	5.7184G	118.62	Inf	-Inf	112.84	3	Vertical	313	2.53	-	31.77	5.91	31.90
AV	5.7136G	107.85	Inf	-Inf	102.10	3	Vertical	313	2.53	-	31.75	5.90	31.90
PK	5.8732G	59.44	68.20	-8.76	53.13	3	Vertical	313	2.53	-	32.32	5.96	31.97

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5710MHz_TX

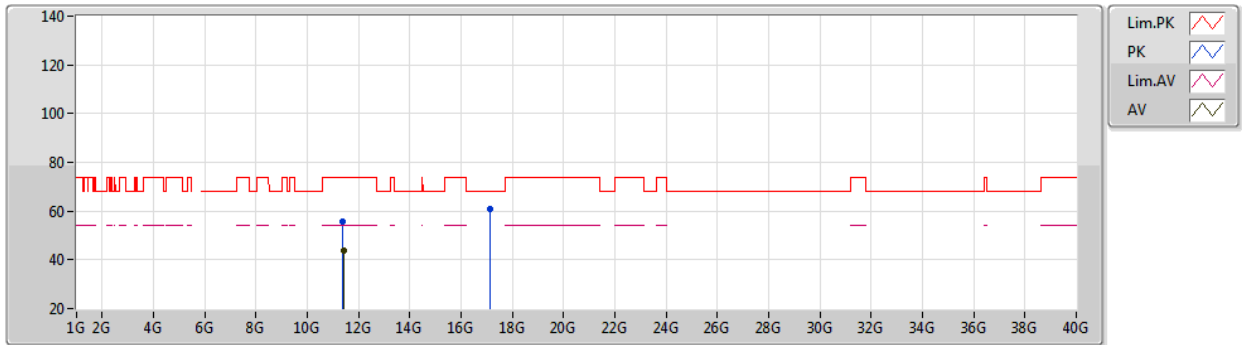

EUT Y_4TX
04-F-A-3-10

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	5.4556G	58.49	74.00	-15.51	52.77	3	Horizontal	0	1.18	-	31.71	5.80	31.79
AV	5.4436G	46.71	54.00	-7.29	41.00	3	Horizontal	0	1.18	-	31.69	5.80	31.78
PK	5.46G	57.58	68.20	-10.62	51.85	3	Horizontal	0	1.18	-	31.72	5.80	31.79
PK	5.6944G	120.20	Inf	-Inf	114.52	3	Horizontal	0	1.18	-	31.69	5.88	31.89
AV	5.7148G	107.77	Inf	-Inf	102.00	3	Horizontal	0	1.18	-	31.76	5.91	31.90
PK	5.8528G	59.88	68.20	-8.32	53.61	3	Horizontal	0	1.18	-	32.26	5.97	31.96

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5710MHz_TX



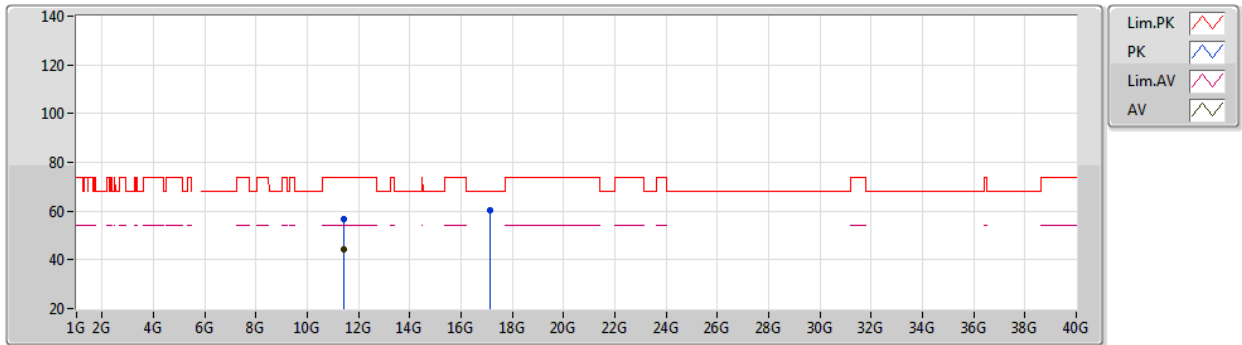
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4012G	55.47	74.00	-18.53	41.33	3	Vertical	280	1.87	-	39.80	8.09	33.75
AV	11.40216G	43.82	54.00	-10.18	29.68	3	Vertical	280	1.87	-	39.80	8.09	33.75
PK	17.1364G	60.62	68.20	-7.58	42.98	3	Vertical	171	1.80	-	42.06	9.44	33.86

802.11ax HEW40_Nss1,(MCS0)_4TX

25/12/2019

5710MHz_TX

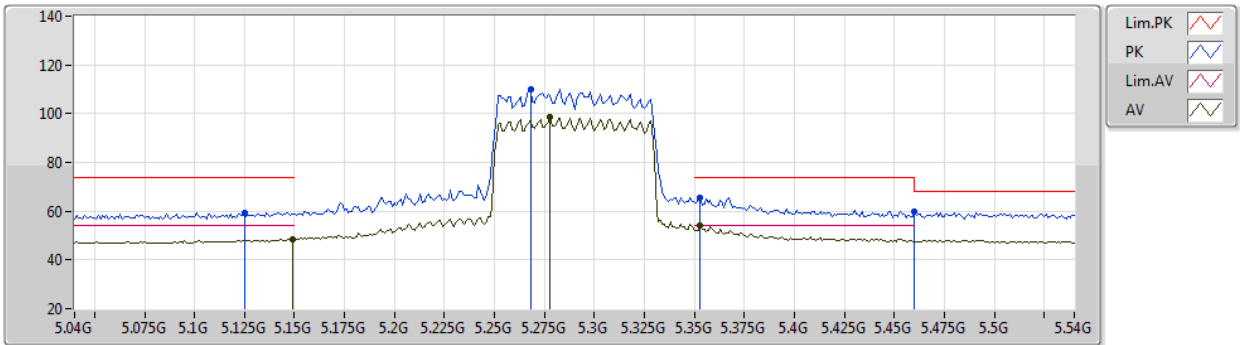

EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.42136G	56.52	74.00	-17.48	42.40	3	Horizontal	0	1.50	-	39.77	8.10	33.75
AV	11.40792G	44.08	54.00	-9.92	29.95	3	Horizontal	0	1.50	-	39.79	8.09	33.75
PK	17.1276G	60.19	68.20	-8.01	42.64	3	Horizontal	39	1.80	-	41.98	9.43	33.86

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5290MHz_TX



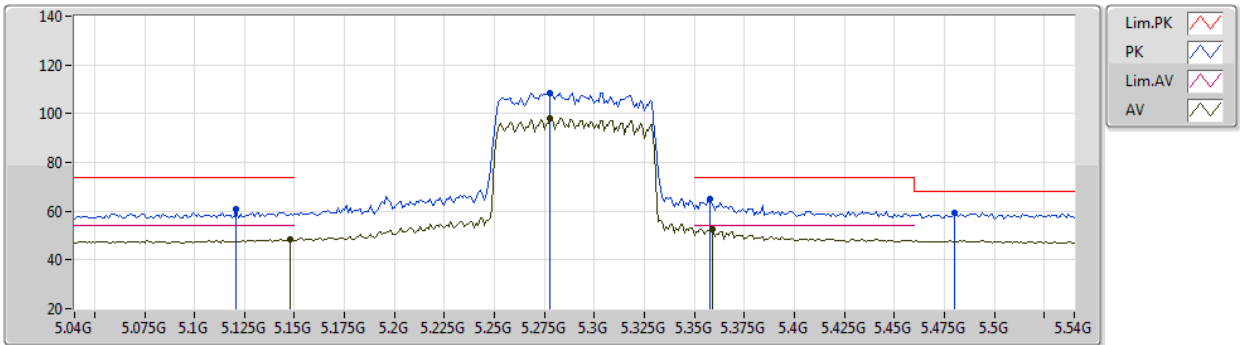
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04-F-A-3-10

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	5.125G	59.28	74.00	-14.72	53.46	3	Vertical	261	1.33	-	34.02	6.56	34.76
AV	5.149G	48.40	54.00	-5.60	42.51	3	Vertical	261	1.33	-	34.05	6.61	34.77
PK	5.268G	110.13	Inf	-Inf	104.08	3	Vertical	261	1.33	-	34.24	6.67	34.86
AV	5.278G	98.67	Inf	-Inf	92.61	3	Vertical	261	1.33	-	34.26	6.66	34.86
PK	5.353G	65.42	74.00	-8.58	59.37	3	Vertical	261	1.33	-	34.35	6.62	34.92
AV	5.353G	53.97	54.00	-0.03	47.92	3	Vertical	261	1.33	-	34.35	6.62	34.92
PK	5.46G	59.71	68.20	-8.49	53.54	3	Vertical	261	1.33	-	34.46	6.70	34.99

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5290MHz_TX

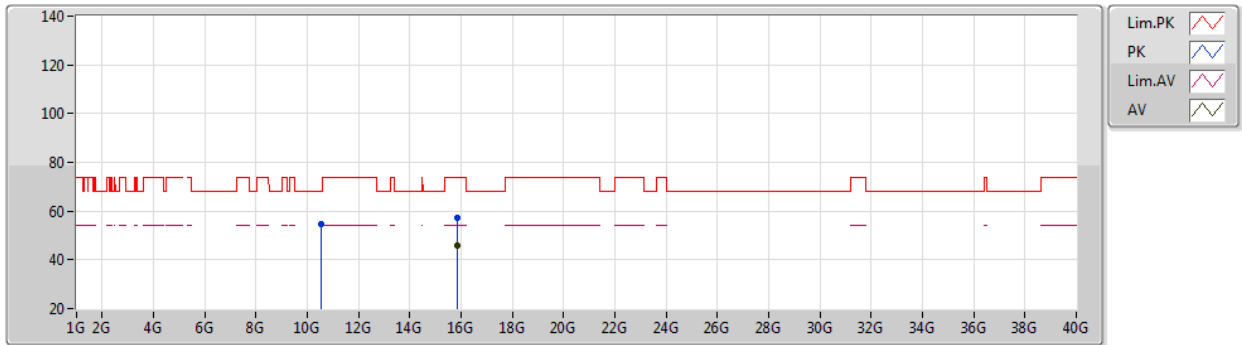

EUT Y_4TX
04-F-A-3-10

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	5.121G	60.62	74.00	-13.38	54.79	3	Horizontal	167	2.31	-	34.02	6.56	34.75
AV	5.148G	48.37	54.00	-5.63	42.48	3	Horizontal	167	2.31	-	34.05	6.61	34.77
PK	5.278G	108.70	Inf	-Inf	102.64	3	Horizontal	167	2.31	-	34.26	6.66	34.86
AV	5.278G	98.24	Inf	-Inf	92.18	3	Horizontal	167	2.31	-	34.26	6.66	34.86
PK	5.358G	65.07	74.00	-8.93	59.01	3	Horizontal	167	2.31	-	34.36	6.62	34.92
AV	5.359G	52.59	54.00	-1.41	46.53	3	Horizontal	167	2.31	-	34.36	6.62	34.92
PK	5.48G	59.21	68.20	-8.99	53.00	3	Horizontal	167	2.31	-	34.48	6.73	35.00

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5290MHz_TX



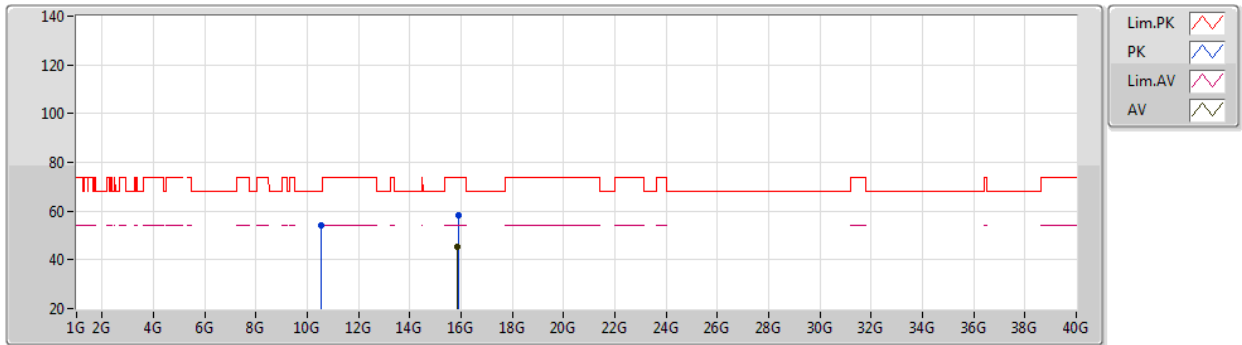
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5594G	54.75	68.20	-13.45	41.75	3	Vertical	155	1.07	-	38.41	9.45	34.86
PK	15.8666G	57.17	74.00	-16.83	44.10	3	Vertical	134	2.88	-	37.90	10.32	35.15
AV	15.8478G	45.61	54.00	-8.39	32.46	3	Vertical	134	2.88	-	37.96	10.32	35.13

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5290MHz_TX



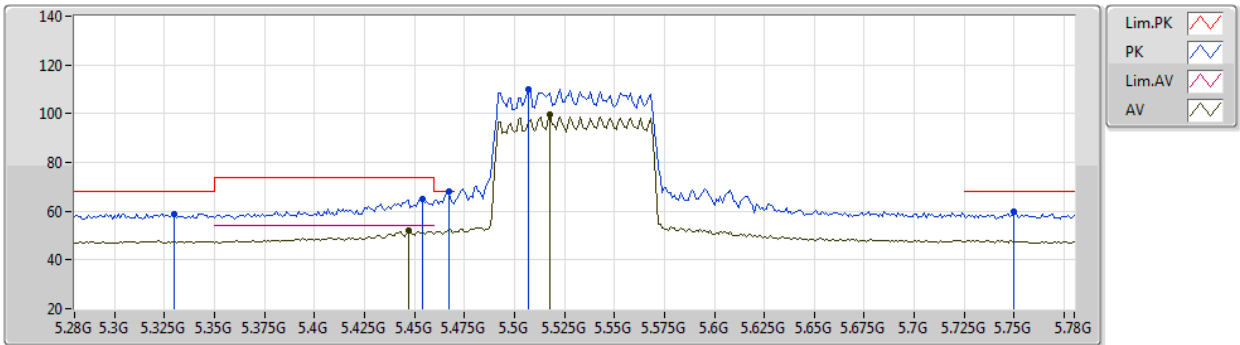
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5559G	54.26	68.20	-13.94	41.27	3	Horizontal	138	1.97	-	38.41	9.44	34.86
PK	15.8939G	58.23	74.00	-15.77	45.28	3	Horizontal	314	2.00	-	37.82	10.31	35.18
AV	15.8474G	45.56	54.00	-8.44	32.41	3	Horizontal	314	2.00	-	37.96	10.32	35.13

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5530MHz_TX



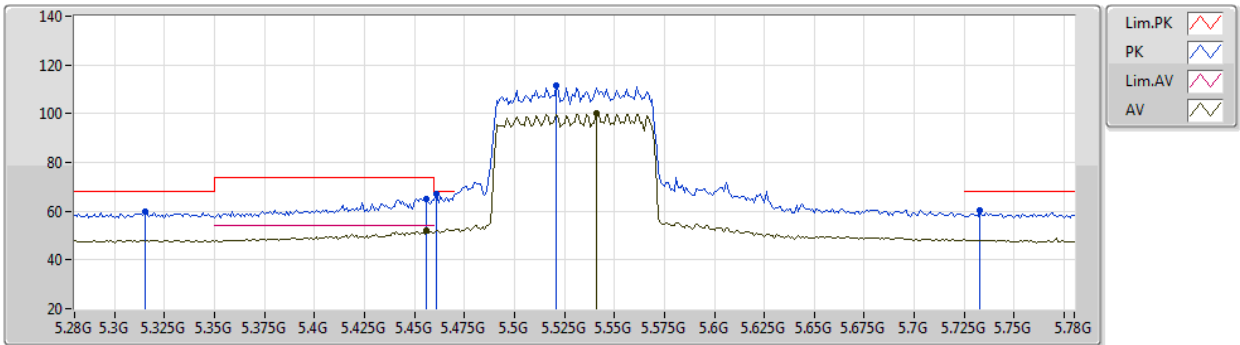
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04-F-A-3-10

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	5.33G	58.99	68.20	-9.21	52.92	3	Vertical	130	1.89	-	34.33	6.64	34.90
PK	5.454G	65.00	74.00	-9.00	58.84	3	Vertical	130	1.89	-	34.45	6.69	34.98
AV	5.447G	51.98	54.00	-2.02	45.83	3	Vertical	130	1.89	-	34.45	6.68	34.98
PK	5.467G	68.19	68.20	-0.01	62.00	3	Vertical	130	1.89	-	34.47	6.71	34.99
PK	5.507G	110.21	Inf	-Inf	103.96	3	Vertical	130	1.89	-	34.49	6.77	35.01
AV	5.518G	99.74	Inf	-Inf	93.47	3	Vertical	130	1.89	-	34.48	6.79	35.00
PK	5.75G	59.75	68.20	-8.45	53.57	3	Vertical	130	1.89	-	34.30	6.82	34.94

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5530MHz_TX

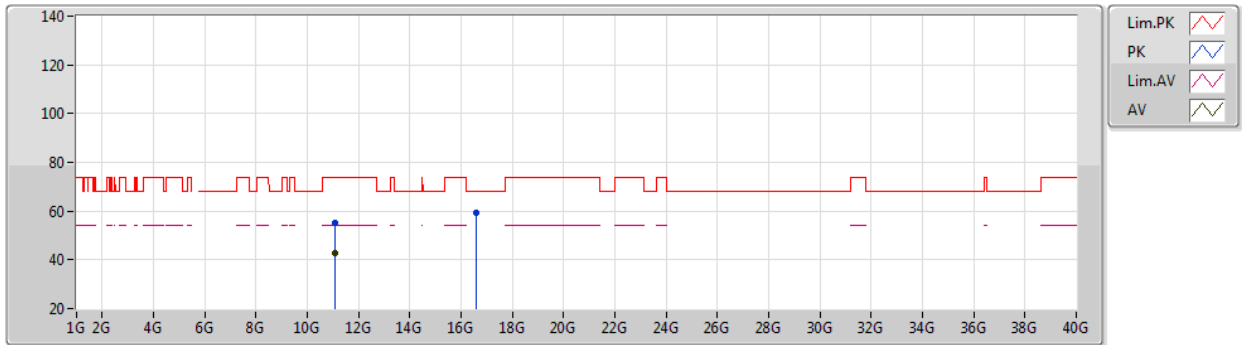

EUT Y_4TX
04-F-A-3-10

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	5.315G	59.58	68.20	-8.62	53.52	3	Horizontal	174	2.89	-	34.31	6.64	34.89
PK	5.456G	64.99	74.00	-9.01	58.82	3	Horizontal	174	2.89	-	34.46	6.69	34.98
AV	5.456G	52.10	54.00	-1.90	45.93	3	Horizontal	174	2.89	-	34.46	6.69	34.98
PK	5.461G	67.03	68.20	-1.17	60.86	3	Horizontal	174	2.89	-	34.46	6.70	34.99
PK	5.521G	111.54	Inf	-Inf	105.27	3	Horizontal	174	2.89	-	34.48	6.79	35.00
AV	5.541G	100.43	Inf	-Inf	94.15	3	Horizontal	174	2.89	-	34.46	6.82	35.00
PK	5.733G	60.09	68.20	-8.11	53.90	3	Horizontal	174	2.89	-	34.30	6.83	34.94

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5530MHz_TX



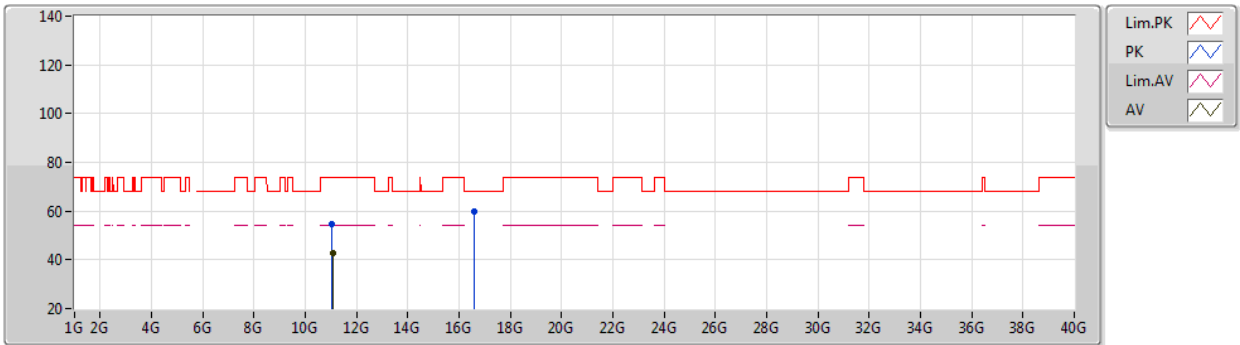
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.059G	54.99	74.00	-19.01	41.48	3	Vertical	44	2.56	-	38.54	9.57	34.60
AV	11.0838G	42.89	54.00	-11.11	29.36	3	Vertical	44	2.56	-	38.56	9.58	34.61
PK	16.6006G	59.49	68.20	-8.71	44.51	3	Vertical	38	1.33	-	38.94	10.91	34.87

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5530MHz_TX



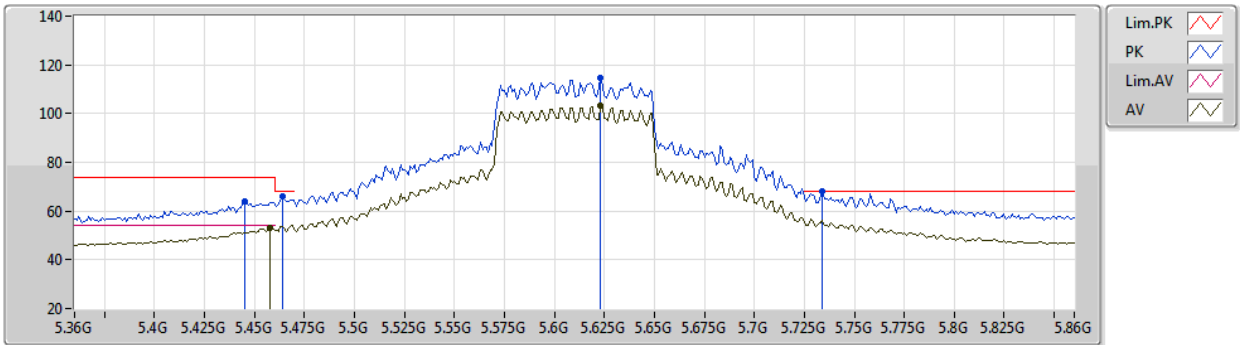
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)	
PK	11.0524G	54.79	74.00	-19.21	41.28	3	Horizontal	136	1.94	-	38.54	9.57	34.60	
AV	11.0607G	42.76	54.00	-11.24	29.25	3	Horizontal	136	1.94	-	38.54	9.57	34.60	
PK	16.5941G	59.93	68.20	-8.27	44.97	3	Horizontal	27	2.24	-	38.93	10.91	34.88	

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5610MHz_TX

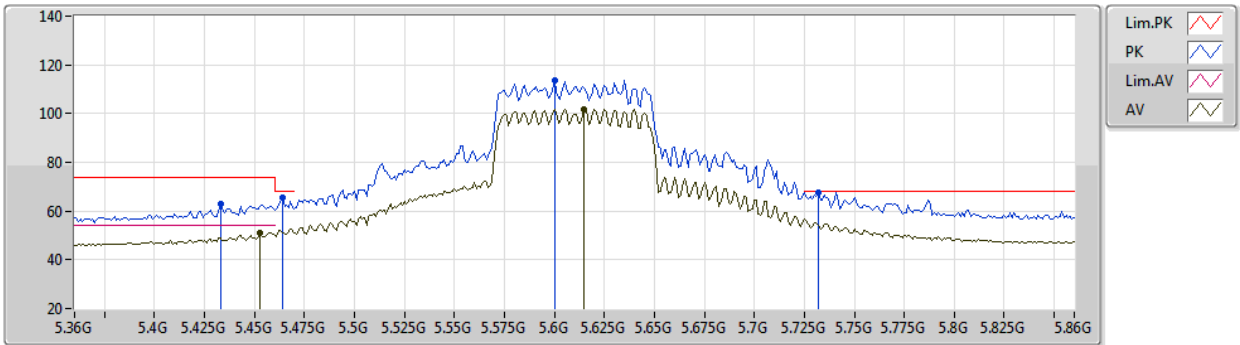

EUT Y_4TX
04-F-A-3-10

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	5.445G	63.76	74.00	-10.24	58.05	3	Vertical	313	2.51	-	31.69	5.80	31.78
PK	5.464G	65.84	68.20	-2.36	60.10	3	Vertical	313	2.51	-	31.73	5.80	31.79
AV	5.458G	52.87	54.00	-1.13	47.14	3	Vertical	313	2.51	-	31.72	5.80	31.79
PK	5.623G	114.52	Inf	-Inf	108.94	3	Vertical	313	2.51	-	31.62	5.82	31.86
AV	5.623G	103.09	Inf	-Inf	97.51	3	Vertical	313	2.51	-	31.62	5.82	31.86
PK	5.734G	67.87	68.20	-0.33	62.01	3	Vertical	313	2.51	-	31.84	5.93	31.91

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5610MHz_TX

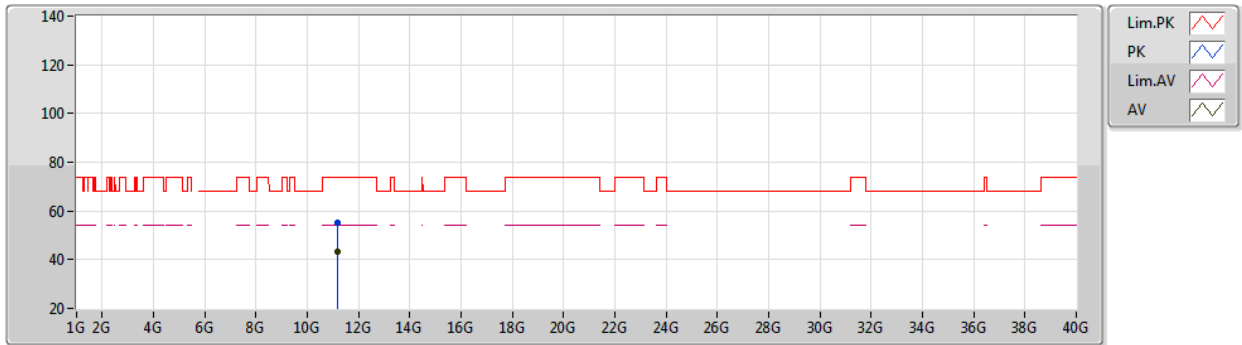

EUT Y_4TX
04-F-A-3-10

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	5.433G	62.72	74.00	-11.28	57.03	3	Horizontal	3	1.80	-	31.67	5.80	31.78
PK	5.464G	65.68	68.20	-2.52	59.94	3	Horizontal	3	1.80	-	31.73	5.80	31.79
AV	5.453G	51.18	54.00	-2.82	45.46	3	Horizontal	3	1.80	-	31.71	5.80	31.79
PK	5.6G	113.51	Inf	-Inf	107.96	3	Horizontal	3	1.80	-	31.60	5.80	31.85
AV	5.615G	101.81	Inf	-Inf	96.24	3	Horizontal	3	1.80	-	31.62	5.81	31.86
PK	5.732G	67.80	68.20	-0.40	61.95	3	Horizontal	3	1.80	-	31.83	5.93	31.91

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5610MHz_TX



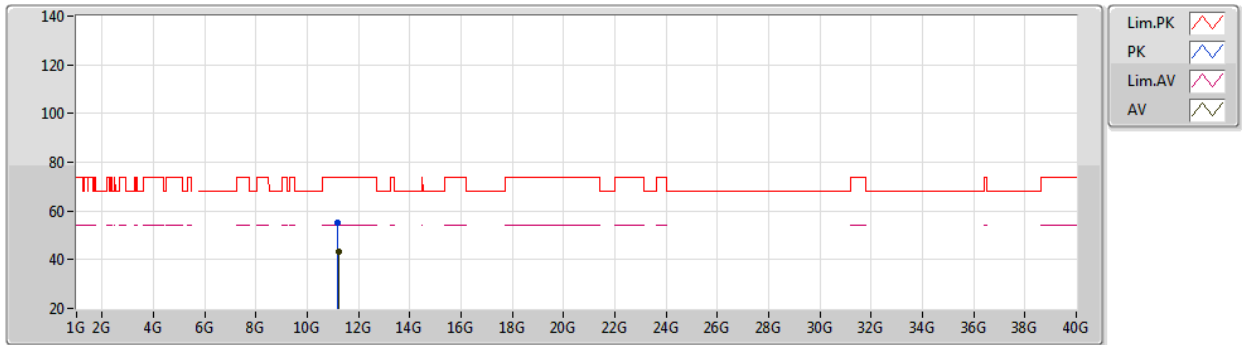
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.19824G	55.35	74.00	-18.65	40.92	3	Vertical	73	1.33	-	40.10	8.02	33.69
AV	11.1856G	43.18	54.00	-10.82	28.73	3	Vertical	73	1.33	-	40.12	8.01	33.68

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5610MHz_TX



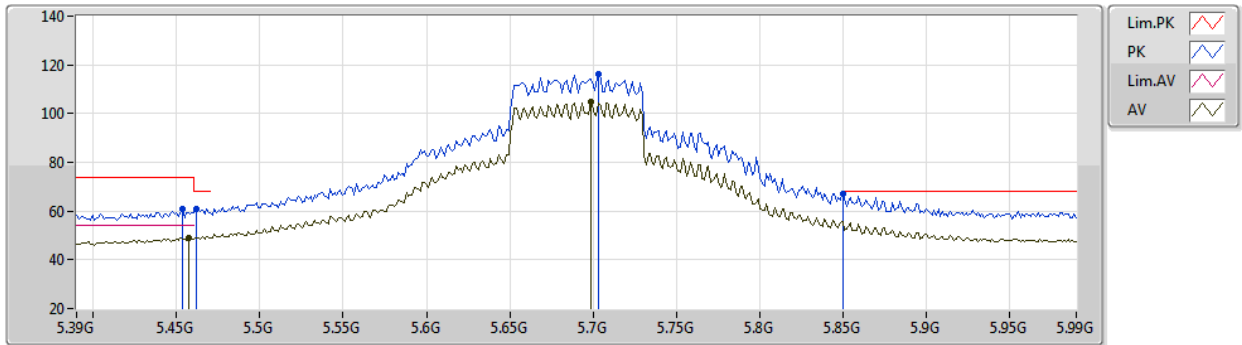
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.20352G	55.31	74.00	-18.69	40.89	3	Horizontal	270	1.84	-	40.09	8.02	33.69
AV	11.2096G	43.24	54.00	-10.76	28.82	3	Horizontal	270	1.84	-	40.09	8.02	33.69

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5690MHz_TX

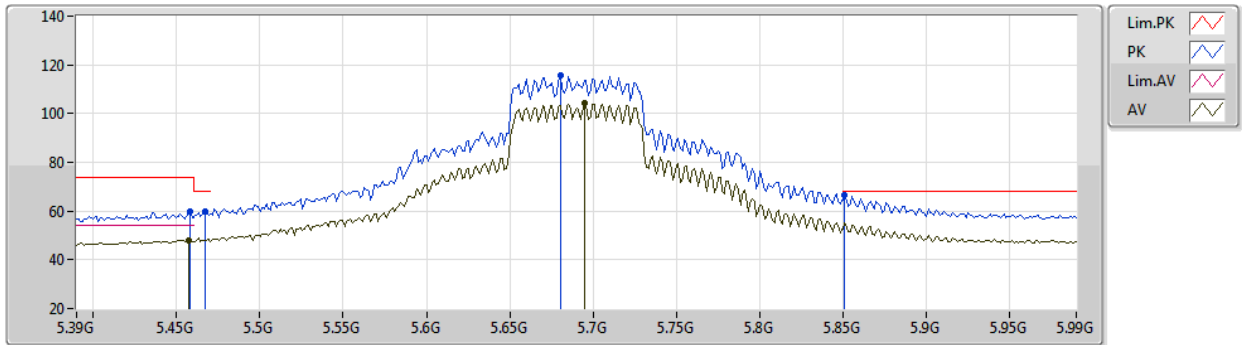

EUT Y_4TX
04-F-A-3-10

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	5.4536G	60.74	74.00	-13.26	55.02	3	Vertical	311	1.89	-	31.71	5.80	31.79
AV	5.4572G	48.97	54.00	-5.03	43.25	3	Vertical	311	1.89	-	31.71	5.80	31.79
PK	5.462G	61.09	68.20	-7.11	55.36	3	Vertical	311	1.89	-	31.72	5.80	31.79
PK	5.7032G	116.41	Inf	-Inf	110.70	3	Vertical	311	1.89	-	31.71	5.89	31.89
AV	5.6984G	104.64	Inf	-Inf	98.94	3	Vertical	311	1.89	-	31.70	5.89	31.89
PK	5.85G	66.91	68.20	-1.29	60.65	3	Vertical	311	1.89	-	32.25	5.97	31.96

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5690MHz_TX

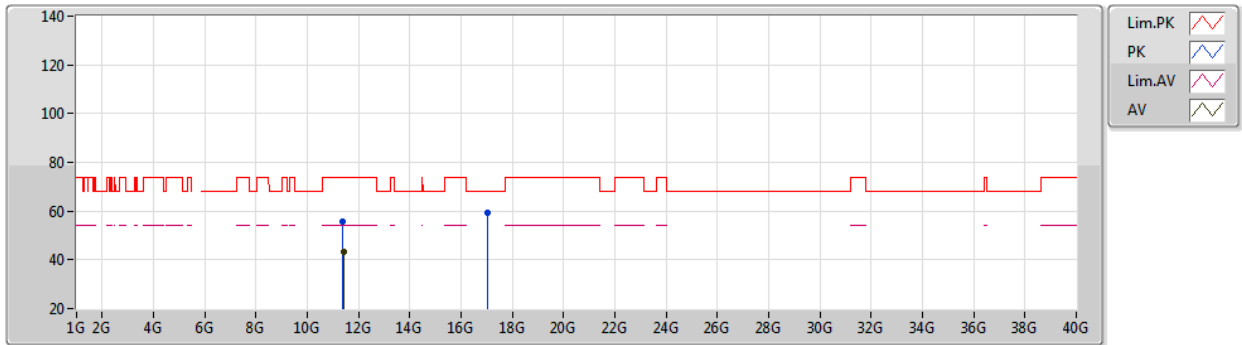

EUT Y_4TX
04-F-A-3-10

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	5.4584G	59.65	74.00	-14.35	53.92	3	Horizontal	3	1.93	-	31.72	5.80	31.79
AV	5.4572G	47.90	54.00	-6.10	42.18	3	Horizontal	3	1.93	-	31.71	5.80	31.79
PK	5.4668G	59.85	68.20	-8.35	54.11	3	Horizontal	3	1.93	-	31.73	5.80	31.79
PK	5.6804G	115.77	Inf	-Inf	110.10	3	Horizontal	3	1.93	-	31.68	5.87	31.88
AV	5.6948G	104.31	Inf	-Inf	98.62	3	Horizontal	3	1.93	-	31.69	5.89	31.89
PK	5.8508G	66.44	68.20	-1.76	60.18	3	Horizontal	3	1.93	-	32.25	5.97	31.96

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5690MHz_TX



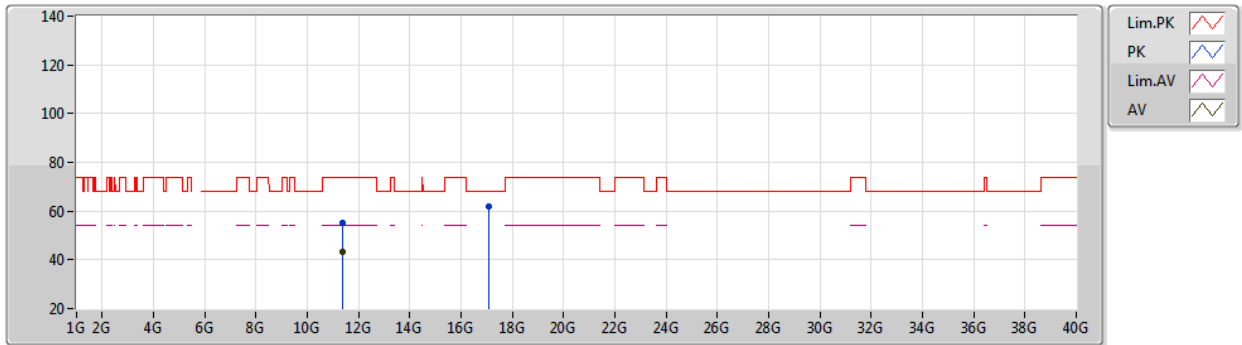
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.37744G	55.80	74.00	-18.20	41.63	3	Vertical	339	1.39	-	39.83	8.08	33.74
AV	11.41072G	43.32	54.00	-10.68	29.20	3	Vertical	339	1.39	-	39.78	8.09	33.75
PK	17.03656G	59.50	68.20	-8.70	42.94	3	Vertical	258	1.80	-	41.07	9.37	33.88

802.11ax HEW80_Nss1,(MCS0)_4TX

25/12/2019

5690MHz_TX



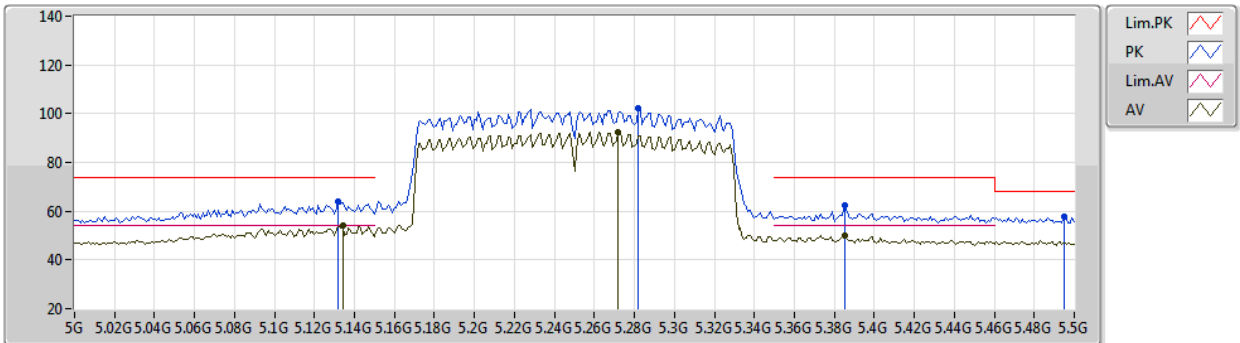
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.36144G	55.20	74.00	-18.80	40.99	3	Horizontal	272	1.56	-	39.86	8.08	33.73
AV	11.39504G	43.35	54.00	-10.65	29.19	3	Horizontal	272	1.56	-	39.81	8.09	33.74
PK	17.066G	61.96	68.20	-6.24	45.08	3	Horizontal	331	3.00	-	41.36	9.39	33.87

802.11ax HEW160_Nss1,(MCS0)_4TX

25/12/2019

5250MHz_TX

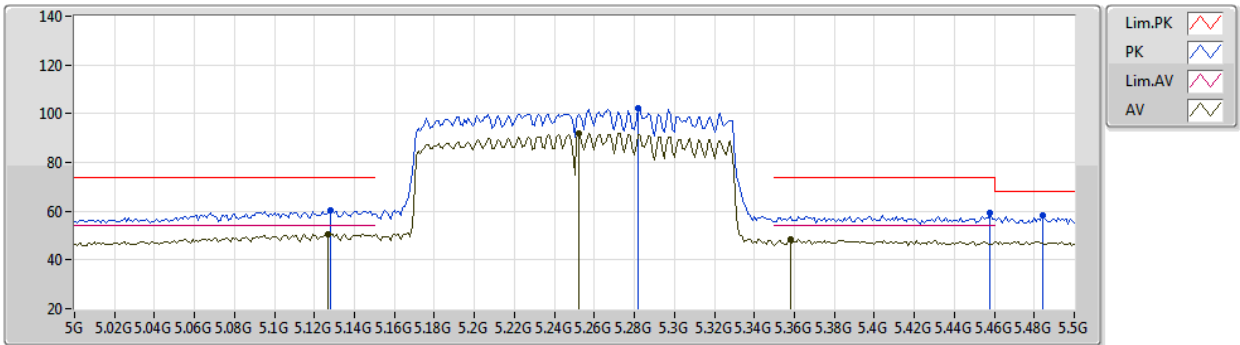

EUT Y_4TX
04-F-A-3-10

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	5.132G	63.71	74.00	-10.29	57.90	3	Vertical	267	1.88	-	31.84	5.60	31.63
AV	5.134G	53.89	54.00	-0.11	48.09	3	Vertical	267	1.88	-	31.83	5.60	31.63
PK	5.282G	102.47	Inf	-Inf	97.32	3	Vertical	267	1.88	-	31.17	5.68	31.70
AV	5.272G	92.44	Inf	-Inf	87.26	3	Vertical	267	1.88	-	31.21	5.67	31.70
PK	5.385G	62.46	74.00	-11.54	56.89	3	Vertical	267	1.88	-	31.53	5.79	31.75
AV	5.385G	49.92	54.00	-4.08	44.35	3	Vertical	267	1.88	-	31.53	5.79	31.75
PK	5.495G	57.89	68.20	-10.31	52.11	3	Vertical	267	1.88	-	31.79	5.80	31.81

802.11ax HEW160_Nss1,(MCS0)_4TX

25/12/2019

5250MHz_TX

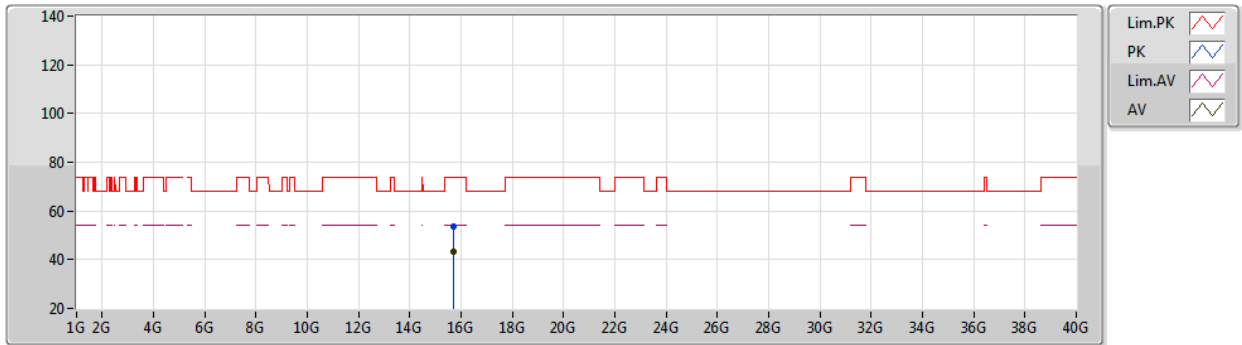

EUT Y_4TX
04-F-A-3-10

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	5.128G	60.55	74.00	-13.45	54.71	3	Horizontal	70	1.12	-	31.86	5.60	31.62
AV	5.127G	50.73	54.00	-3.27	44.89	3	Horizontal	70	1.12	-	31.86	5.60	31.62
PK	5.282G	102.05	Inf	-Inf	96.90	3	Horizontal	70	1.12	-	31.17	5.68	31.70
AV	5.252G	91.95	Inf	-Inf	86.70	3	Horizontal	70	1.12	-	31.29	5.65	31.69
PK	5.458G	59.51	74.00	-14.49	53.78	3	Horizontal	70	1.12	-	31.72	5.80	31.79
AV	5.358G	48.70	54.00	-5.30	43.29	3	Horizontal	70	1.12	-	31.39	5.76	31.74
PK	5.484G	58.39	68.20	-9.81	52.62	3	Horizontal	70	1.12	-	31.77	5.80	31.80

802.11ax HEW160_Nss1,(MCS0)_4TX

25/12/2019

5250MHz_TX



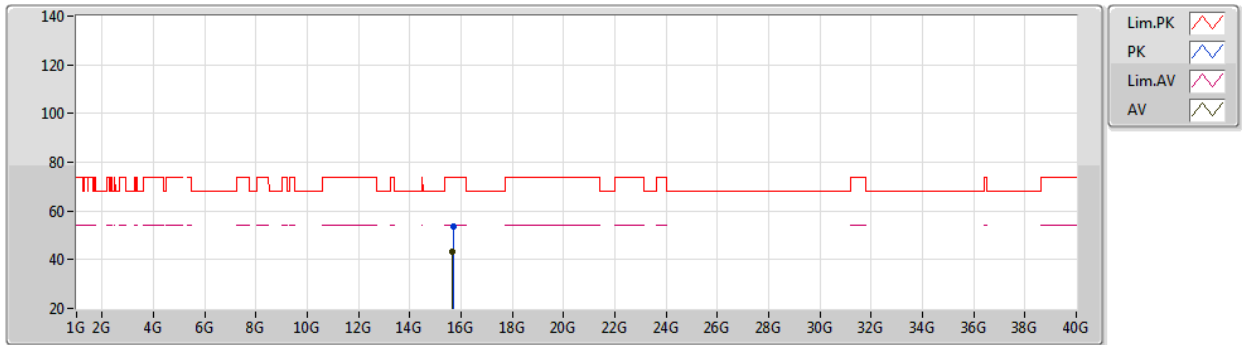
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.71352G	53.80	74.00	-20.20	40.32	3	Vertical	255	1.37	-	38.50	8.73	33.75
AV	15.72792G	43.12	54.00	-10.88	29.69	3	Vertical	255	1.37	-	38.45	8.73	33.75

802.11ax HEW160_Nss1,(MCS0)_4TX

25/12/2019

5250MHz_TX



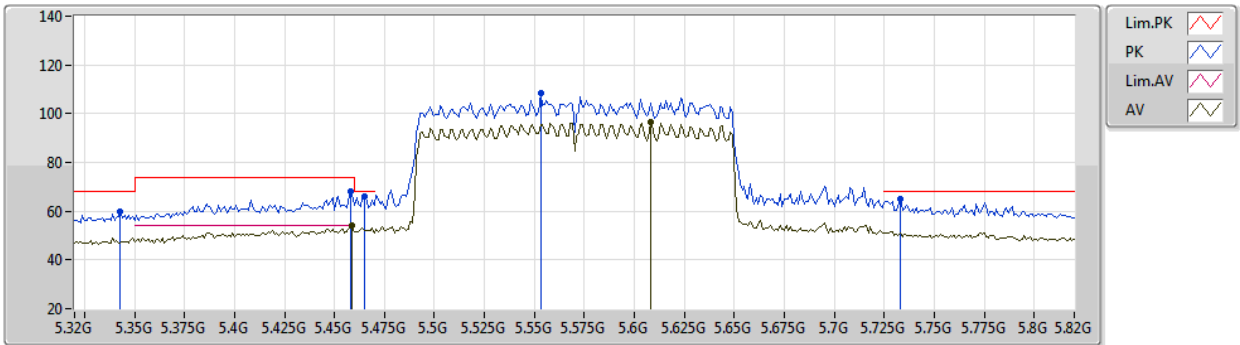
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	15.70456G	53.73	74.00	-20.27	40.22	3	Horizontal	223	1.43	-	38.53	8.73	33.75
AV	15.67128G	43.09	54.00	-10.91	29.45	3	Horizontal	223	1.43	-	38.65	8.73	33.74

802.11ax HEW160_Nss1,(MCS0)_4TX

25/12/2019

5570MHz_TX



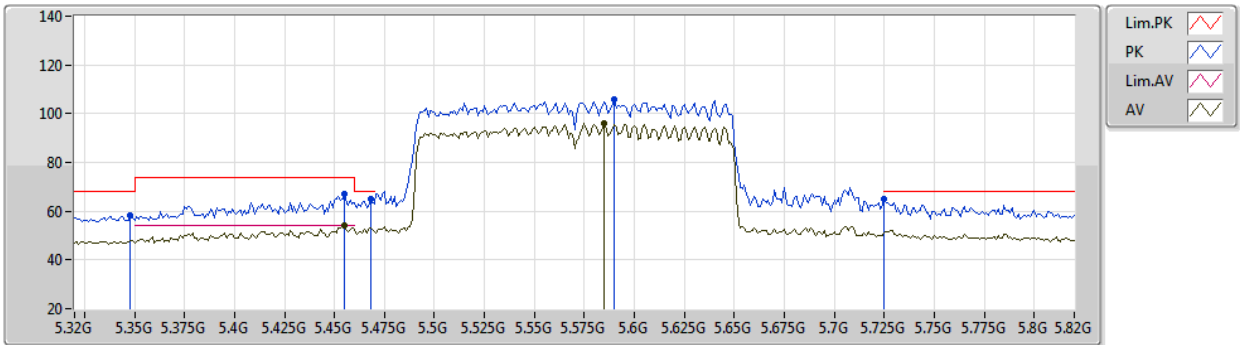
EUT Y_4TX
04-F-A-3-10

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	5.343G	59.97	68.20	-8.23	54.64	3	Vertical	313	2.56	-	31.32	5.74	31.73
PK	5.458G	67.89	74.00	-6.11	62.16	3	Vertical	313	2.56	-	31.72	5.80	31.79
AV	5.459G	53.88	54.00	-0.12	48.15	3	Vertical	313	2.56	-	31.72	5.80	31.79
PK	5.465G	66.20	68.20	-2.00	60.46	3	Vertical	313	2.56	-	31.73	5.80	31.79
PK	5.553G	108.36	Inf	-Inf	102.70	3	Vertical	313	2.56	-	31.69	5.80	31.83
AV	5.608G	96.60	Inf	-Inf	91.03	3	Vertical	313	2.56	-	31.61	5.81	31.85
PK	5.733G	65.23	68.20	-2.97	59.38	3	Vertical	313	2.56	-	31.83	5.93	31.91

802.11ax HEW160_Nss1,(MCS0)_4TX

25/12/2019

5570MHz_TX



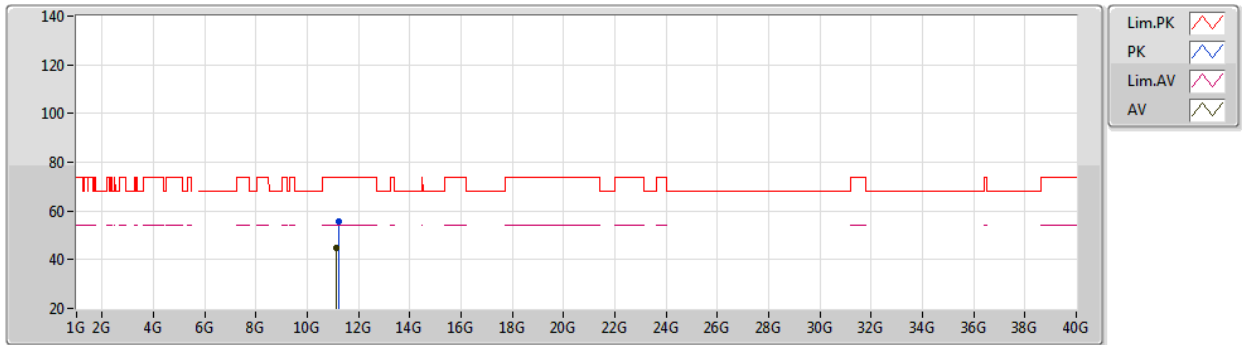
EUT Y_4TX
04-F-A-3-10

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	5.348G	58.27	68.20	-9.93	52.91	3	Horizontal	3	1.80	-	31.34	5.75	31.73
PK	5.455G	66.84	74.00	-7.16	61.12	3	Horizontal	3	1.80	-	31.71	5.80	31.79
AV	5.455G	53.97	54.00	-0.03	48.25	3	Horizontal	3	1.80	-	31.71	5.80	31.79
PK	5.468G	64.97	68.20	-3.23	59.22	3	Horizontal	3	1.80	-	31.74	5.80	31.79
PK	5.59G	105.98	Inf	-Inf	100.41	3	Horizontal	3	1.80	-	31.62	5.80	31.85
AV	5.585G	95.89	Inf	-Inf	90.30	3	Horizontal	3	1.80	-	31.63	5.80	31.84
PK	5.725G	64.90	68.20	-3.30	59.08	3	Horizontal	3	1.80	-	31.80	5.92	31.90

802.11ax HEW160_Nss1,(MCS0)_4TX

25/12/2019

5570MHz_TX



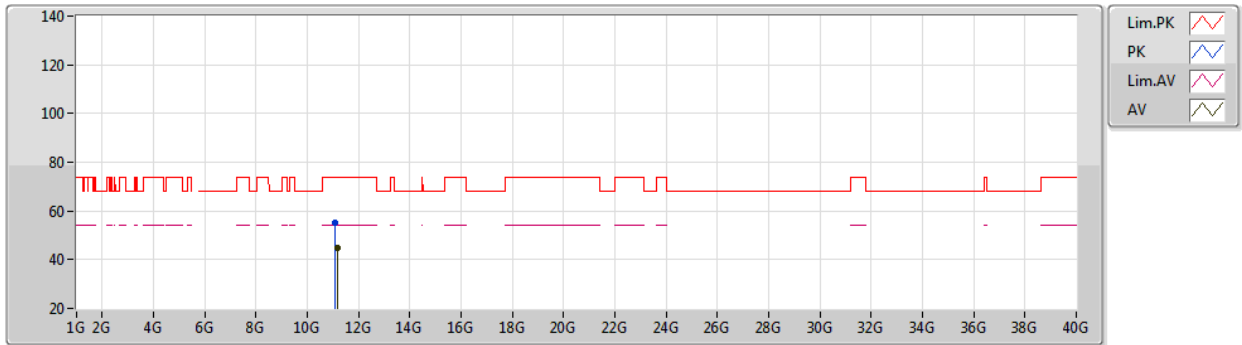
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.21744G	55.51	74.00	-18.49	41.10	3	Vertical	313	1.49	-	40.07	8.03	33.69
AV	11.12624G	44.98	54.00	-9.02	30.45	3	Vertical	313	1.49	-	40.21	7.99	33.67

802.11ax HEW160_Nss1,(MCS0)_4TX

25/12/2019

5570MHz_TX



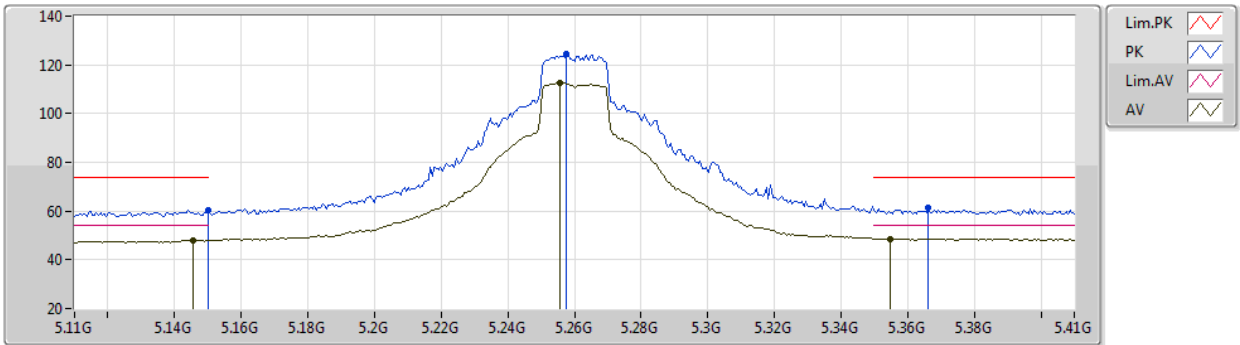
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.08432G	55.42	74.00	-18.58	40.82	3	Horizontal	359	1.64	-	40.27	7.98	33.65
AV	11.19632G	45.05	54.00	-8.95	30.61	3	Horizontal	359	1.64	-	40.11	8.02	33.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5260MHz_TX



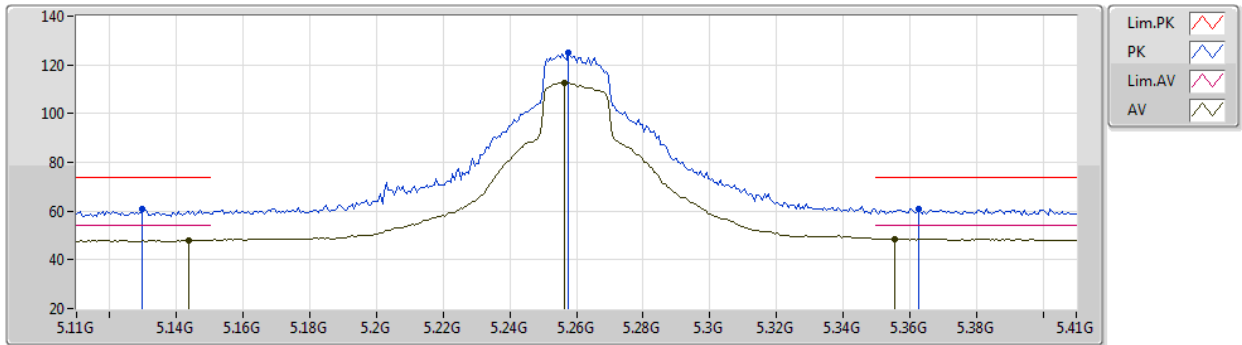
EUT Y_4TX
04-F-A-3-10

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	60.45	74.00	-13.55	54.56	3	Vertical	191	1.66	-	34.05	6.61	34.77
AV	5.1454G	48.00	54.00	-6.00	42.12	3	Vertical	191	1.66	-	34.05	6.60	34.77
PK	5.2576G	124.70	Inf	-Inf	118.66	3	Vertical	191	1.66	-	34.22	6.67	34.85
AV	5.2558G	112.62	Inf	-Inf	106.59	3	Vertical	191	1.66	-	34.21	6.67	34.85
PK	5.3662G	61.47	74.00	-12.53	55.41	3	Vertical	191	1.66	-	34.37	6.62	34.93
AV	5.3548G	48.69	54.00	-5.31	42.64	3	Vertical	191	1.66	-	34.35	6.62	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5260MHz_TX

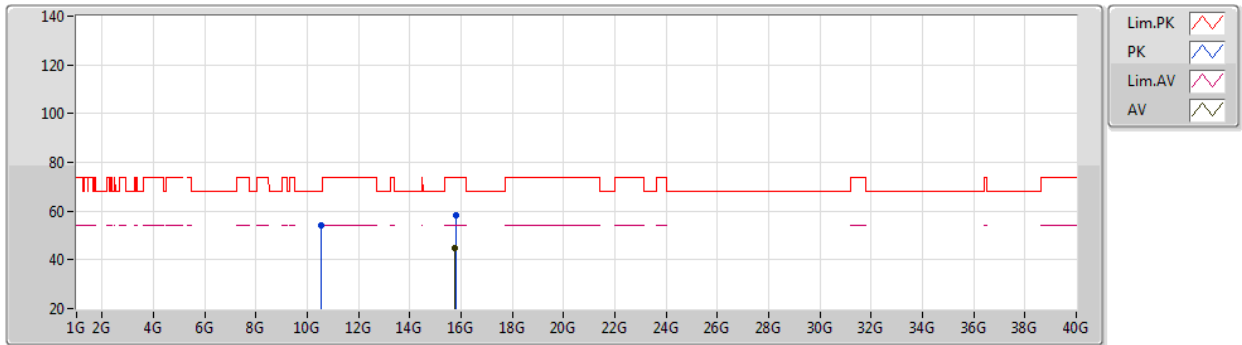

EUT Y_4TX
04-F-A-3-10

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	5.1298G	60.73	74.00	-13.27	54.89	3	Horizontal	167	2.81	-	34.03	6.57	34.76
AV	5.1436G	48.14	54.00	-5.86	42.27	3	Horizontal	167	2.81	-	34.04	6.60	34.77
PK	5.2576G	125.14	Inf	-Inf	119.10	3	Horizontal	167	2.81	-	34.22	6.67	34.85
AV	5.2564G	112.81	Inf	-Inf	106.78	3	Horizontal	167	2.81	-	34.21	6.67	34.85
PK	5.3626G	60.92	74.00	-13.08	54.86	3	Horizontal	167	2.81	-	34.36	6.62	34.92
AV	5.3554G	48.60	54.00	-5.40	42.54	3	Horizontal	167	2.81	-	34.36	6.62	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5260MHz_TX



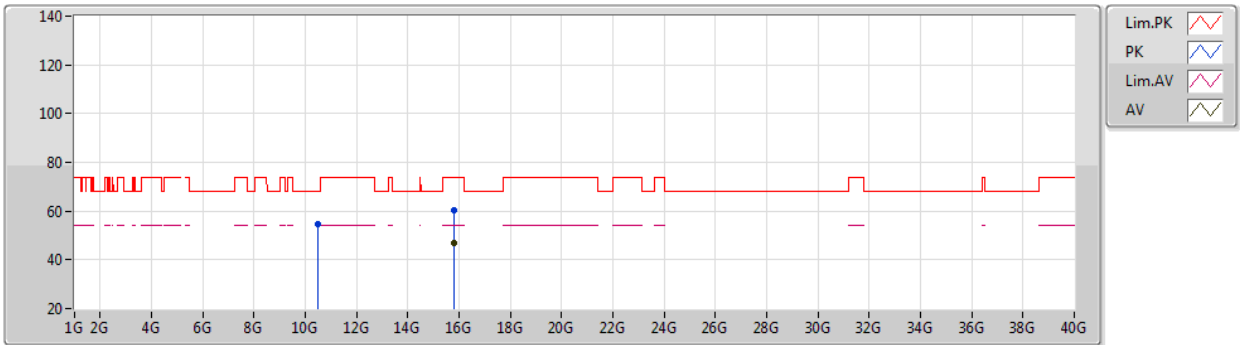
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5213G	54.12	68.20	-14.08	41.16	3	Vertical	53	2.63	-	38.40	9.44	34.88
PK	15.7989G	58.20	74.00	-15.80	44.85	3	Vertical	91	2.62	-	38.10	10.33	35.08
AV	15.7581G	44.88	54.00	-9.12	31.36	3	Vertical	91	2.62	-	38.23	10.33	35.04

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5260MHz_TX



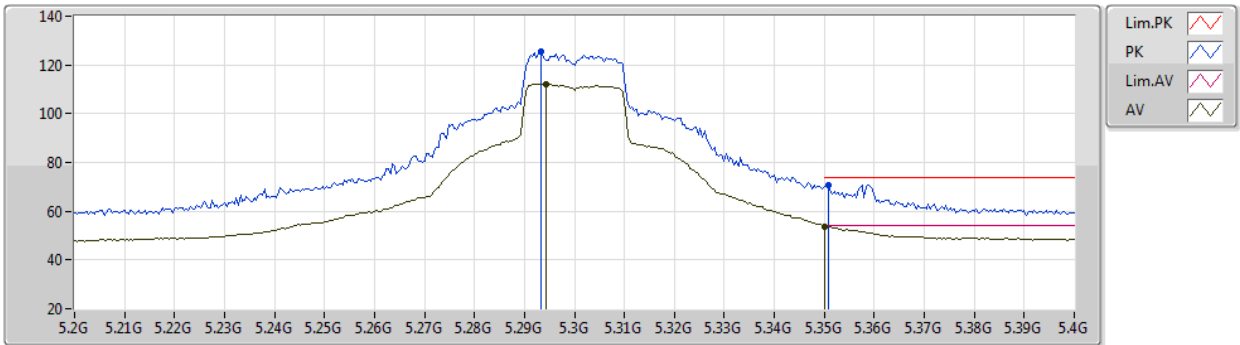
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5097G	54.57	68.20	-13.63	41.63	3	Horizontal	310	1.10	-	38.40	9.43	34.89
PK	15.7889G	60.35	74.00	-13.65	46.96	3	Horizontal	213	1.60	-	38.13	10.33	35.07
AV	15.7854G	46.78	54.00	-7.22	33.38	3	Horizontal	213	1.60	-	38.14	10.33	35.07

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5300MHz_TX



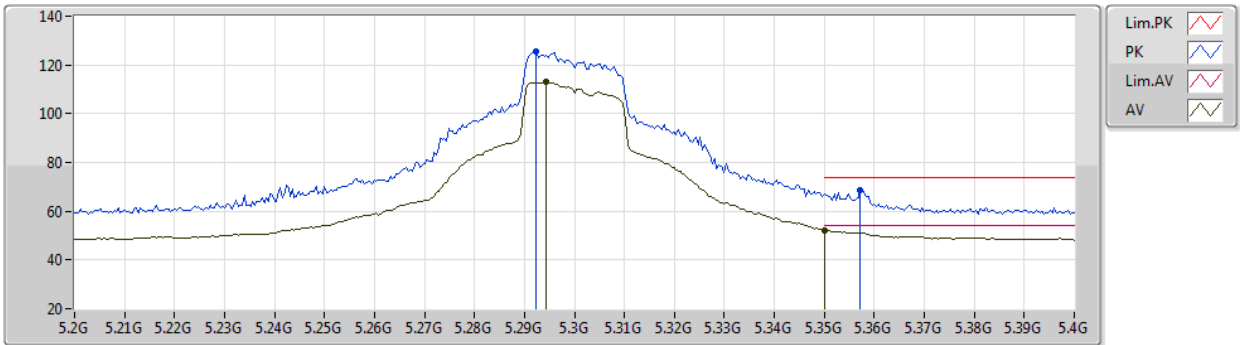
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Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.2932G	125.74	Inf	-Inf	119.68	3	Vertical	202	1.72	-	34.29	6.65	34.88
AV	5.2944G	112.06	Inf	-Inf	106.00	3	Vertical	202	1.72	-	34.29	6.65	34.88
PK	5.3508G	70.70	74.00	-3.30	64.65	3	Vertical	202	1.72	-	34.35	6.62	34.92
AV	5.35G	53.81	54.00	-0.19	47.76	3	Vertical	202	1.72	-	34.35	6.62	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5300MHz_TX



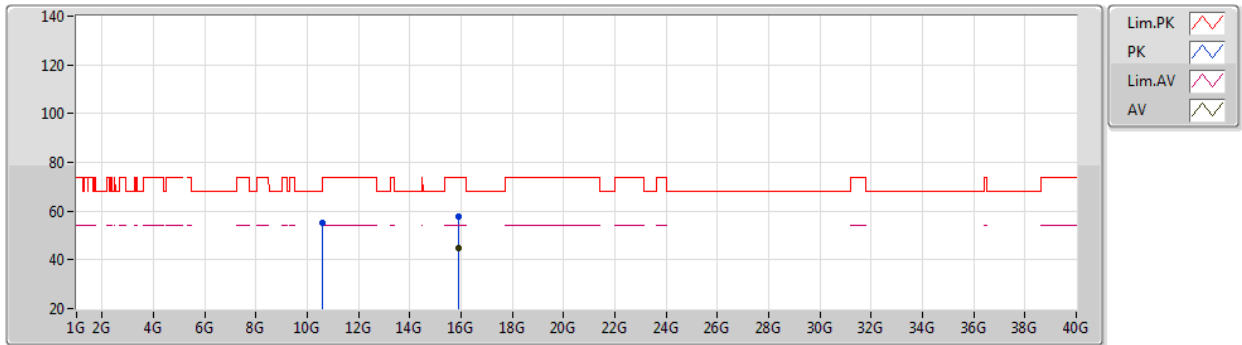
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04-F-A-3-10

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	5.2924G	125.64	Inf	-Inf	119.58	3	Horizontal	176	2.34	-	34.28	6.65	34.87
AV	5.2944G	112.93	Inf	-Inf	106.87	3	Horizontal	176	2.34	-	34.29	6.65	34.88
PK	5.3572G	68.55	74.00	-5.45	62.49	3	Horizontal	176	2.34	-	34.36	6.62	34.92
AV	5.35G	52.29	54.00	-1.71	46.24	3	Horizontal	176	2.34	-	34.35	6.62	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5300MHz_TX



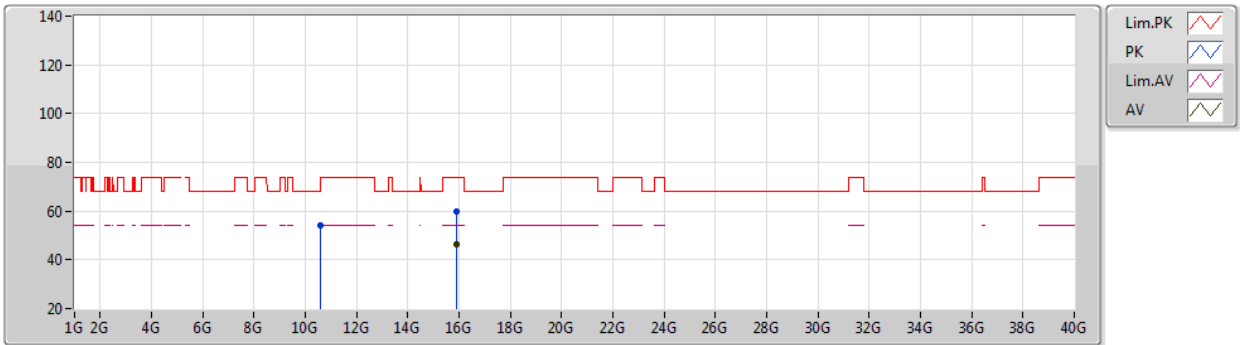
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04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5988G	55.17	68.20	-13.03	42.12	3	Vertical	258	2.16	-	38.42	9.46	34.83
PK	15.9031G	57.89	74.00	-16.11	44.98	3	Vertical	92	1.80	-	37.79	10.31	35.19
AV	15.8786G	44.57	54.00	-9.43	31.56	3	Vertical	92	1.80	-	37.86	10.32	35.17

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5300MHz_TX



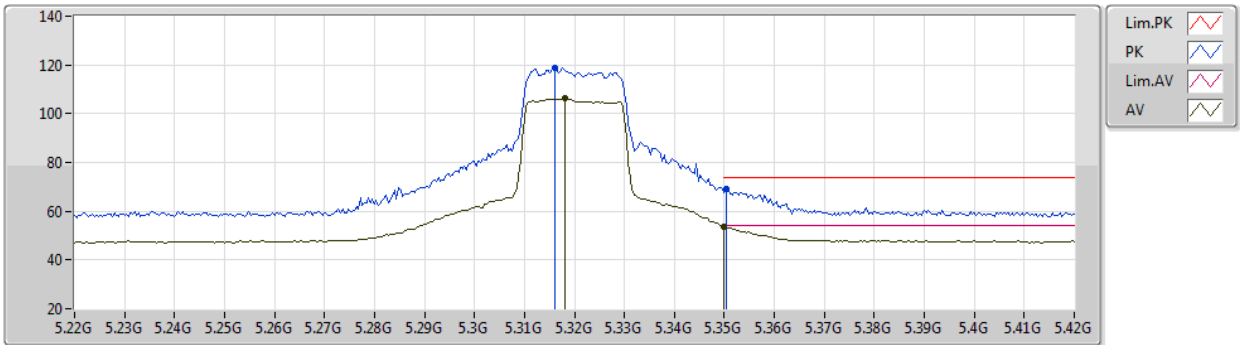
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04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6084G	54.17	74.00	-19.83	41.12	3	Horizontal	336	2.85	-	38.42	9.46	34.83
PK	15.9027G	59.97	74.00	-14.03	47.06	3	Horizontal	217	1.31	-	37.79	10.31	35.19
AV	15.8965G	46.55	54.00	-7.45	33.62	3	Horizontal	217	1.31	-	37.81	10.31	35.19

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5320MHz_TX



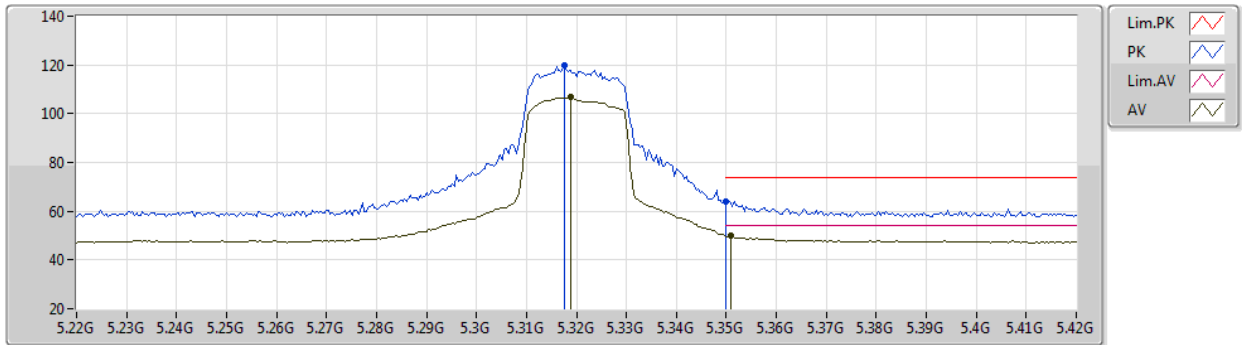
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04-F-A-3-10

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	5.316G	118.93	Inf	-Inf	112.86	3	Vertical	192	1.60	-	34.32	6.64	34.89
AV	5.318G	106.26	Inf	-Inf	100.19	3	Vertical	192	1.60	-	34.32	6.64	34.89
PK	5.3504G	69.31	74.00	-4.69	63.26	3	Vertical	192	1.60	-	34.35	6.62	34.92
AV	5.35G	53.69	54.00	-0.31	47.64	3	Vertical	192	1.60	-	34.35	6.62	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5320MHz_TX

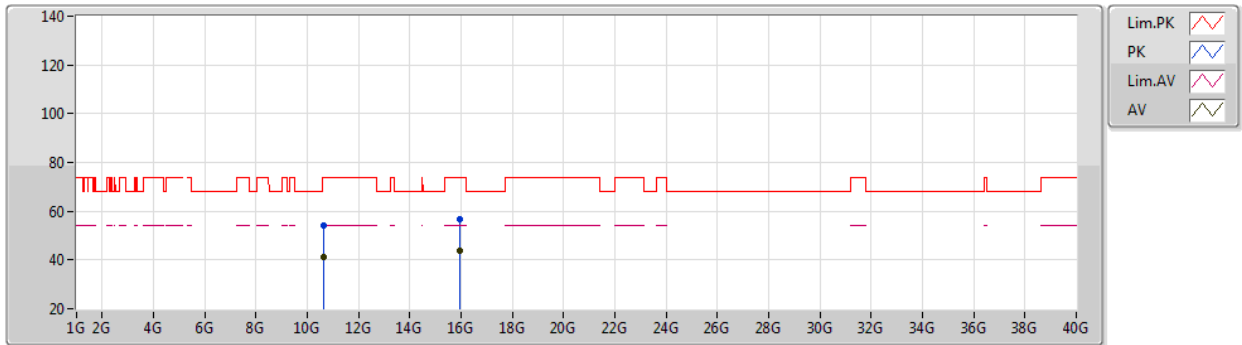

EUT Y_4TX
04-F-A-3-10

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	5.3176G	119.65	Inf	-Inf	113.58	3	Horizontal	121	1.53	-	34.32	6.64	34.89
AV	5.3188G	106.81	Inf	-Inf	100.74	3	Horizontal	121	1.53	-	34.32	6.64	34.89
PK	5.35G	64.13	74.00	-9.87	58.08	3	Horizontal	121	1.53	-	34.35	6.62	34.92
AV	5.3508G	50.04	54.00	-3.96	43.99	3	Horizontal	121	1.53	-	34.35	6.62	34.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5320MHz_TX



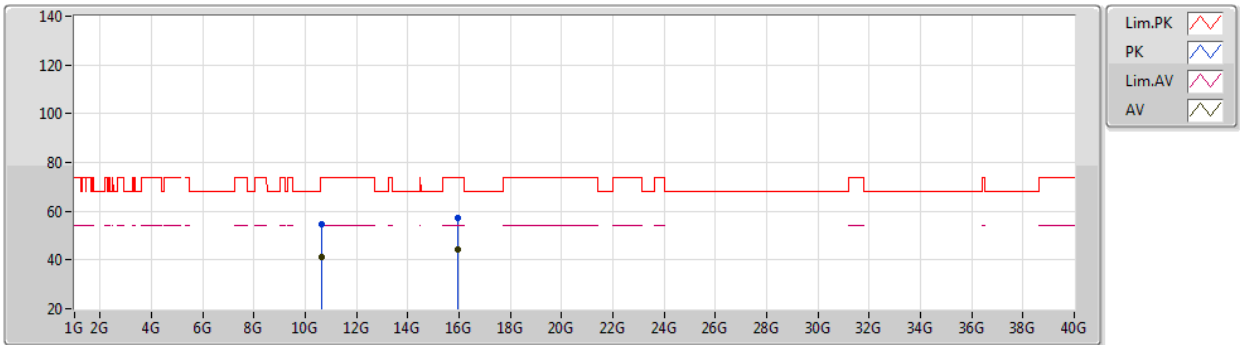
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6498G	54.12	74.00	-19.88	41.02	3	Vertical	184	2.43	-	38.43	9.47	34.80
AV	10.6399G	41.33	54.00	-12.67	28.24	3	Vertical	184	2.43	-	38.43	9.47	34.81
PK	15.9735G	56.73	74.00	-17.27	44.12	3	Vertical	43	1.41	-	37.58	10.30	35.27
AV	15.9402G	44.00	54.00	-10.00	31.24	3	Vertical	43	1.41	-	37.68	10.31	35.23

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5320MHz_TX



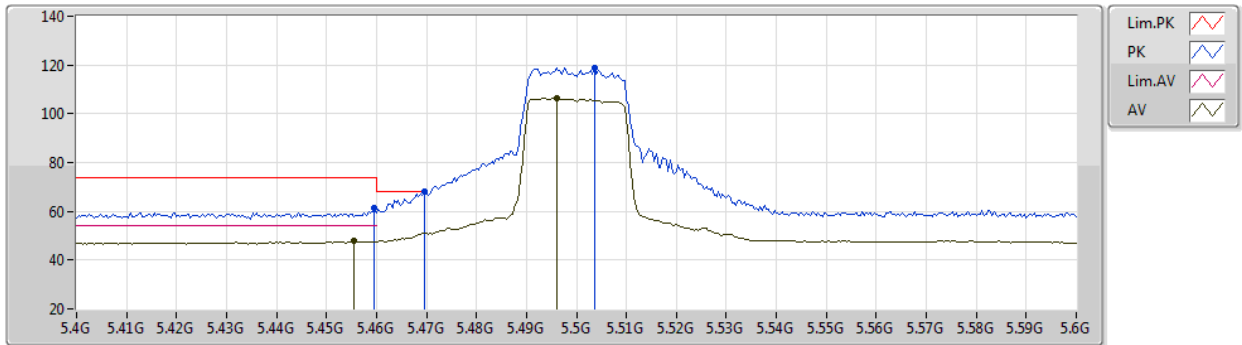
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.622G	54.43	74.00	-19.57	41.37	3	Horizontal	255	2.03	-	38.42	9.46	34.82
AV	10.6467G	41.33	54.00	-12.67	28.24	3	Horizontal	255	2.03	-	38.43	9.47	34.81
PK	15.9387G	57.01	74.00	-16.99	44.25	3	Horizontal	248	1.80	-	37.68	10.31	35.23
AV	15.9683G	44.12	54.00	-9.88	31.49	3	Horizontal	248	1.80	-	37.60	10.30	35.27

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5500MHz_TX



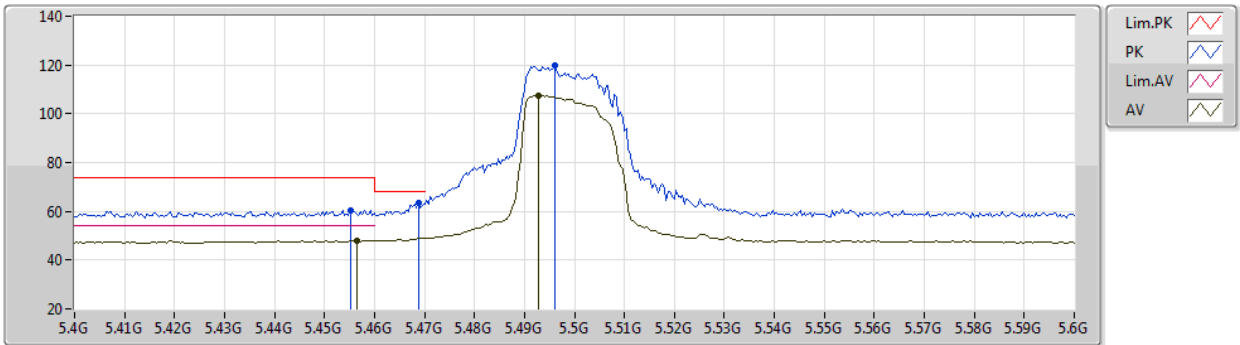
EUT Y_4TX
04-F-A-3-10

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	5.4596G	61.19	74.00	-12.81	55.02	3	Vertical	188	1.45	-	34.46	6.70	34.99
AV	5.4556G	47.80	54.00	-6.20	41.63	3	Vertical	188	1.45	-	34.46	6.69	34.98
PK	5.4696G	68.12	68.20	-0.08	61.93	3	Vertical	188	1.45	-	34.47	6.71	34.99
PK	5.5036G	118.85	Inf	-Inf	112.59	3	Vertical	188	1.45	-	34.50	6.77	35.01
AV	5.496G	106.27	Inf	-Inf	100.03	3	Vertical	188	1.45	-	34.50	6.75	35.01

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5500MHz_TX

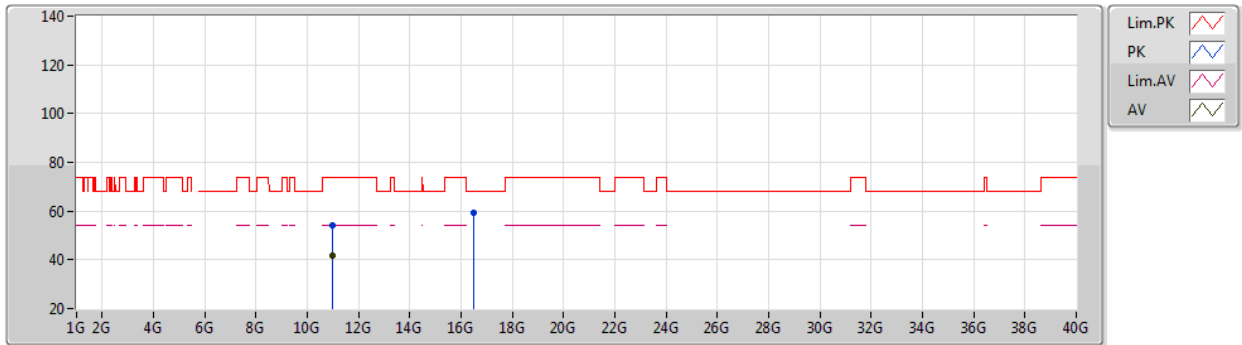

EUT Y_4TX
04-F-A-3-10

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	5.4552G	60.60	74.00	-13.40	54.43	3	Horizontal	174	1.80	-	34.46	6.69	34.98	
AV	5.4564G	47.95	54.00	-6.05	41.78	3	Horizontal	174	1.80	-	34.46	6.69	34.98	
PK	5.4688G	63.59	68.20	-4.61	57.40	3	Horizontal	174	1.80	-	34.47	6.71	34.99	
PK	5.496G	120.03	Inf	-Inf	113.79	3	Horizontal	174	1.80	-	34.50	6.75	35.01	
AV	5.4928G	107.52	Inf	-Inf	101.29	3	Horizontal	174	1.80	-	34.49	6.75	35.01	

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5500MHz_TX



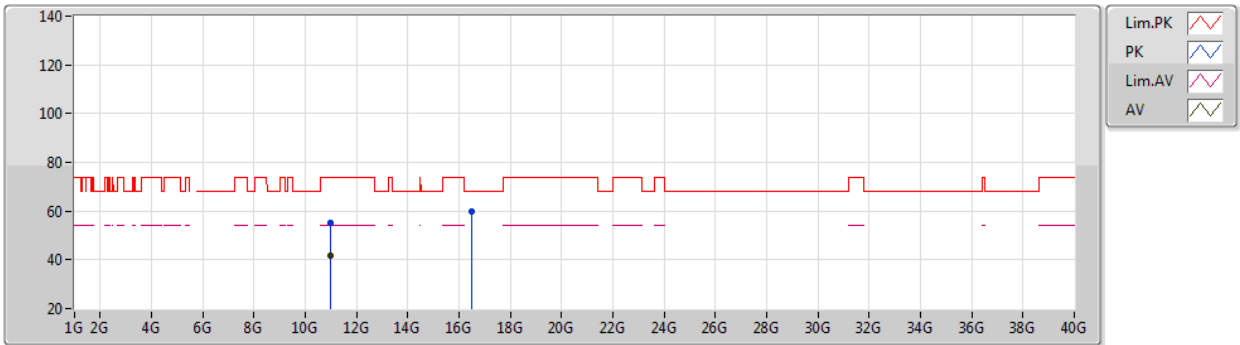
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.9975G	54.17	74.00	-19.83	40.70	3	Vertical	134	1.41	-	38.50	9.56	34.59
AV	11.0008G	41.72	54.00	-12.28	28.25	3	Vertical	134	1.41	-	38.50	9.56	34.59
PK	16.5134G	59.40	68.20	-8.80	44.79	3	Vertical	182	2.59	-	38.73	10.82	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5500MHz_TX



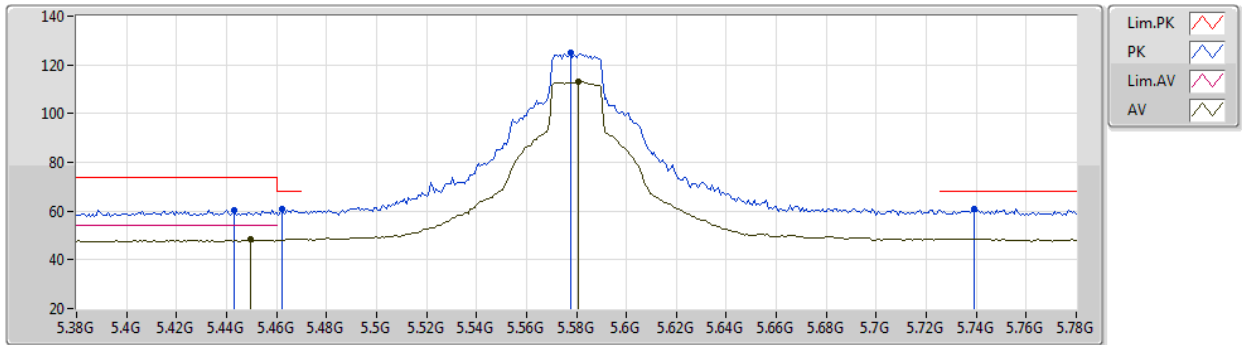
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0016G	55.27	74.00	-18.73	41.80	3	Horizontal	142	2.15	-	38.50	9.56	34.59
AV	10.9969G	41.82	54.00	-12.18	28.35	3	Horizontal	142	2.15	-	38.50	9.56	34.59
PK	16.4873G	59.68	68.20	-8.52	45.16	3	Horizontal	138	2.74	-	38.67	10.80	34.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5580MHz_TX

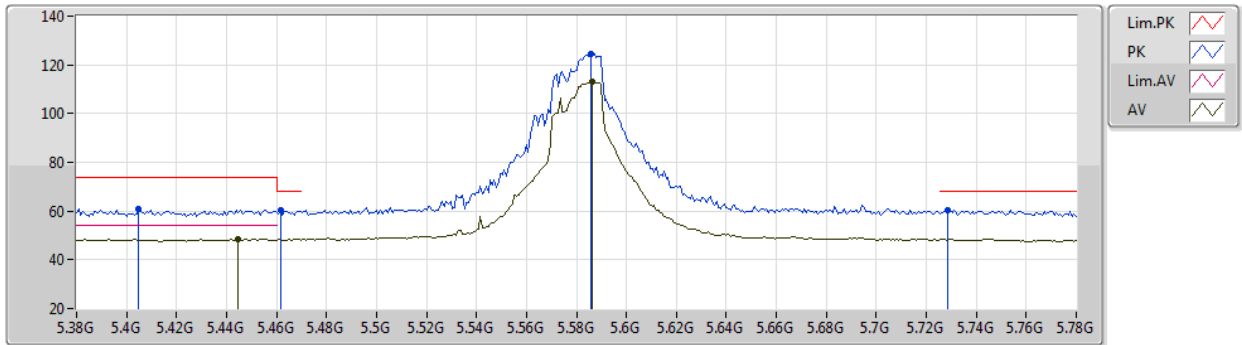

EUT Y_4TX
04-F-A-3-10

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	5.4432G	60.51	74.00	-13.49	54.38	3	Vertical	191	1.54	-	34.44	6.67	34.98
AV	5.4496G	48.29	54.00	-5.71	42.14	3	Vertical	191	1.54	-	34.45	6.68	34.98
PK	5.4624G	60.86	68.20	-7.34	54.69	3	Vertical	191	1.54	-	34.46	6.70	34.99
PK	5.5776G	125.07	Inf	-Inf	118.77	3	Vertical	191	1.54	-	34.42	6.87	34.99
AV	5.5808G	113.01	Inf	-Inf	106.71	3	Vertical	191	1.54	-	34.42	6.87	34.99
PK	5.7392G	61.03	68.20	-7.17	54.84	3	Vertical	191	1.54	-	34.30	6.83	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5580MHz_TX

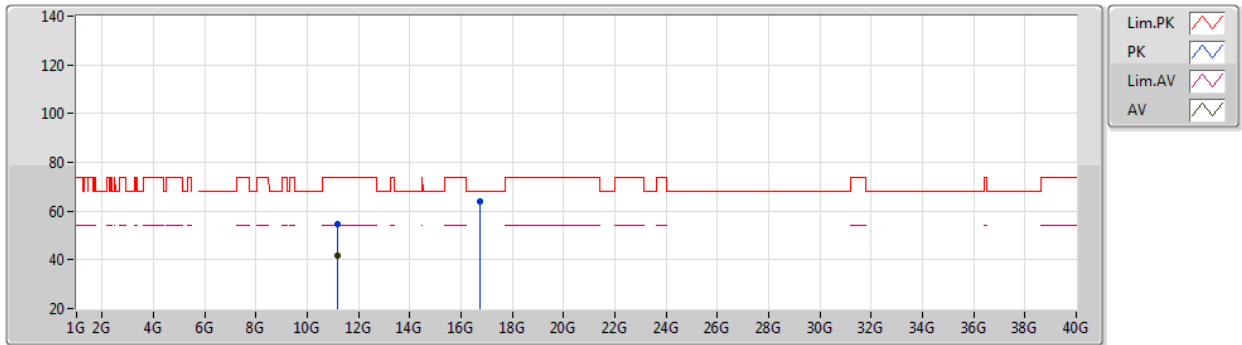

EUT Y_4TX
04-F-A-3-10

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	5.4048G	60.82	74.00	-13.18	54.76	3	Horizontal	167	2.78	-	34.40	6.61	34.95
PK	5.4616G	60.13	68.20	-8.07	53.96	3	Horizontal	167	2.78	-	34.46	6.70	34.99
AV	5.4448G	48.60	54.00	-5.40	42.47	3	Horizontal	167	2.78	-	34.44	6.67	34.98
PK	5.5856G	124.73	Inf	-Inf	118.42	3	Horizontal	167	2.78	-	34.41	6.88	34.98
AV	5.5864G	112.92	Inf	-Inf	106.61	3	Horizontal	167	2.78	-	34.41	6.88	34.98
PK	5.7288G	60.42	68.20	-7.78	54.22	3	Horizontal	167	2.78	-	34.30	6.84	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5580MHz_TX



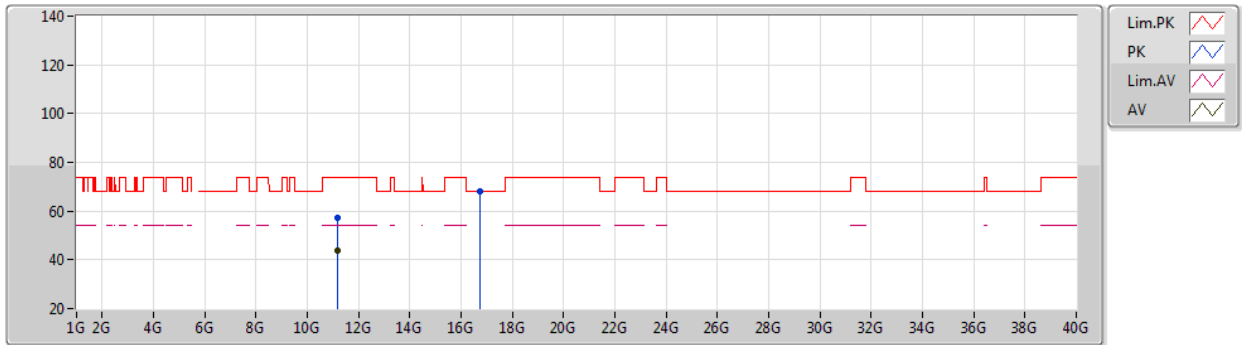
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.1683G	54.80	74.00	-19.20	41.20	3	Vertical	156	1.48	-	38.62	9.60	34.62
AV	11.1645G	41.83	54.00	-12.17	28.23	3	Vertical	156	1.48	-	38.62	9.60	34.62
PK	16.7453G	64.20	68.20	-4.00	48.62	3	Vertical	255	2.85	-	39.29	11.06	34.77

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5580MHz_TX



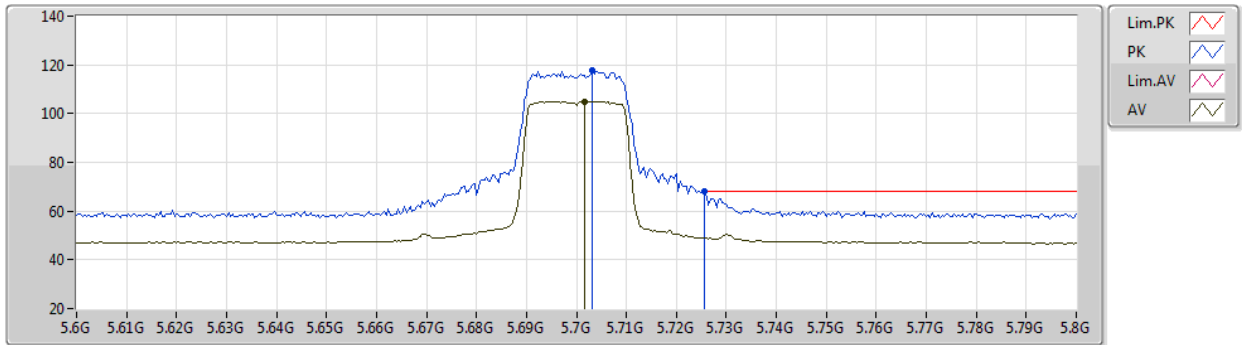
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.1577G	57.02	74.00	-16.98	43.43	3	Horizontal	310	1.95	-	38.61	9.60	34.62
AV	11.164G	43.89	54.00	-10.11	30.30	3	Horizontal	310	1.95	-	38.61	9.60	34.62
PK	16.7339G	67.92	68.20	-0.28	52.39	3	Horizontal	224	1.80	-	39.26	11.05	34.78

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5700MHz_TX



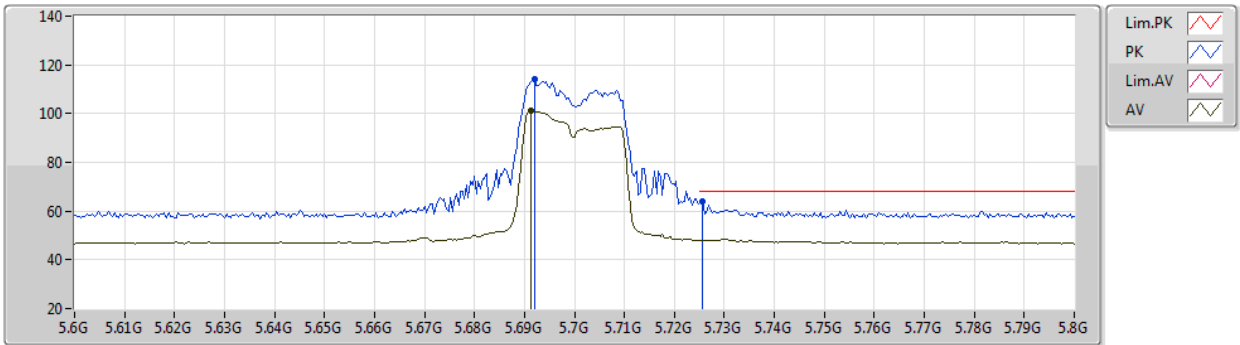
EUT Y_4TX
04-F-A-3-10

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	5.7032G	117.79	Inf	-Inf	111.59	3	Vertical	193	1.38	-	34.30	6.85	34.95
AV	5.7016G	105.00	Inf	-Inf	98.80	3	Vertical	193	1.38	-	34.30	6.85	34.95
PK	5.7256G	68.09	68.20	-0.11	61.89	3	Vertical	193	1.38	-	34.30	6.84	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5700MHz_TX



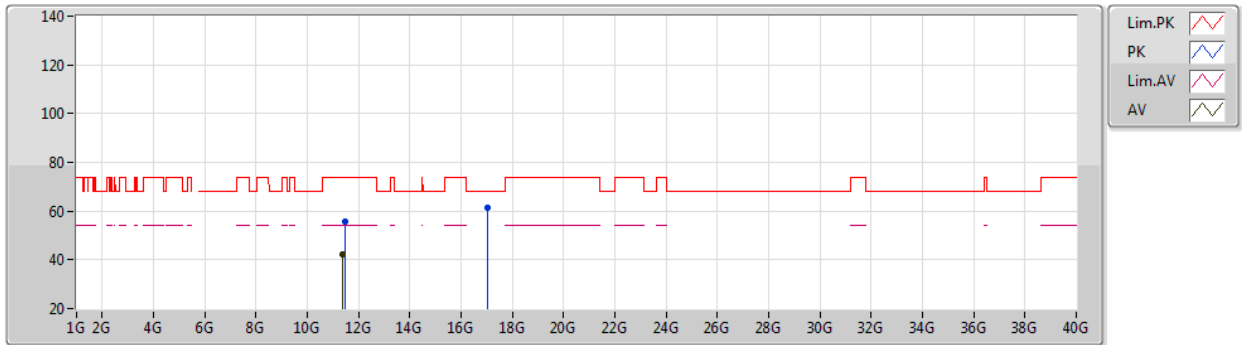
EUT Y_4TX
04-F-A-3-10

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	5.692G	114.09	Inf	-Inf	107.88	3	Horizontal	167	2.76	-	34.31	6.85	34.95
AV	5.6912G	101.07	Inf	-Inf	94.86	3	Horizontal	167	2.76	-	34.31	6.85	34.95
PK	5.7256G	63.94	68.20	-4.26	57.74	3	Horizontal	167	2.76	-	34.30	6.84	34.94

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5700MHz_TX



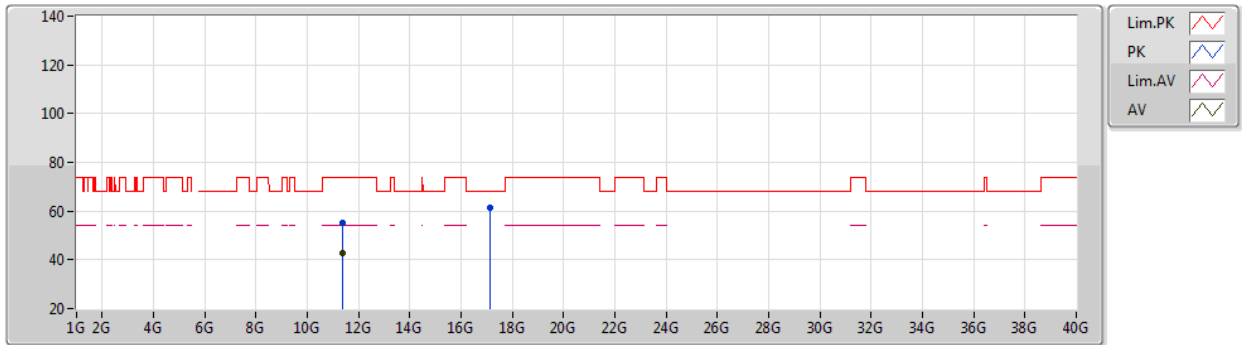
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.4536G	55.48	74.00	-18.52	41.66	3	Vertical	159	1.51	-	38.82	9.67	34.67
AV	11.3772G	42.49	54.00	-11.51	28.74	3	Vertical	159	1.51	-	38.76	9.65	34.66
PK	17.0264G	61.20	68.20	-7.00	44.41	3	Vertical	259	2.43	-	40.03	11.35	34.59

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5700MHz_TX

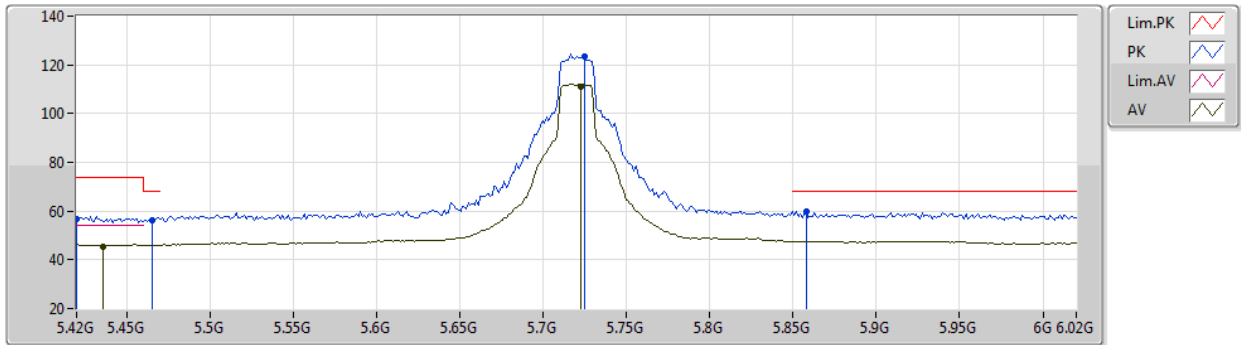

EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.3884G	55.08	74.00	-18.92	41.32	3	Horizontal	306	2.00	-	38.77	9.65	34.66
AV	11.3752G	42.52	54.00	-11.48	28.77	3	Horizontal	306	2.00	-	38.76	9.65	34.66
PK	17.1284G	61.29	68.20	-6.91	43.87	3	Horizontal	117	1.20	-	40.55	11.45	34.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5720MHz Straddle 5.47-5.725GHz_TX

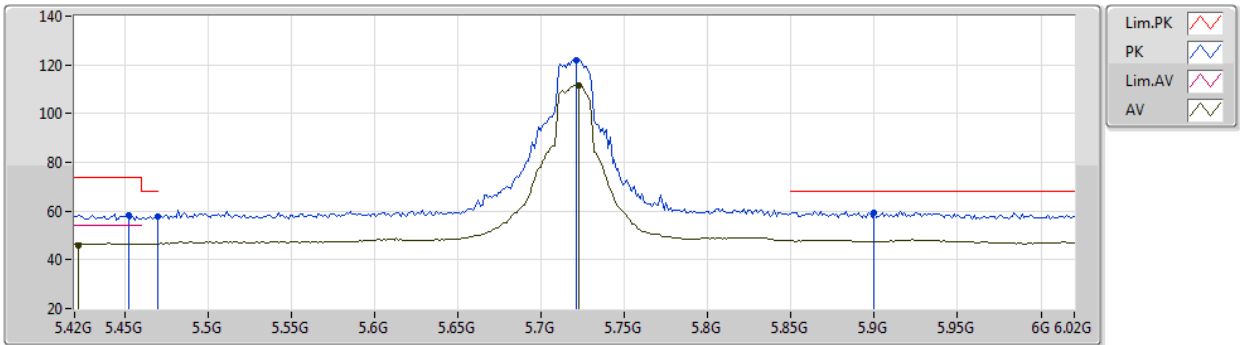

EUT Y_4TX
04-F-A-3-10

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	5.42G	56.80	74.00	-17.20	52.09	3	Vertical	360	1.94	-	33.56	4.72	33.57
AV	5.4356G	45.39	54.00	-8.61	40.61	3	Vertical	360	1.94	-	33.61	4.74	33.57
PK	5.4656G	56.28	68.20	-11.92	51.39	3	Vertical	360	1.94	-	33.70	4.77	33.58
PK	5.7248G	123.30	Inf	-Inf	117.85	3	Vertical	360	1.94	-	34.15	4.94	33.64
AV	5.7224G	111.11	Inf	-Inf	105.67	3	Vertical	360	1.94	-	34.14	4.94	33.64
PK	5.858G	59.94	68.20	-8.26	54.03	3	Vertical	360	1.94	-	34.65	4.93	33.67

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5720MHz Straddle 5.47-5.725GHz_TX



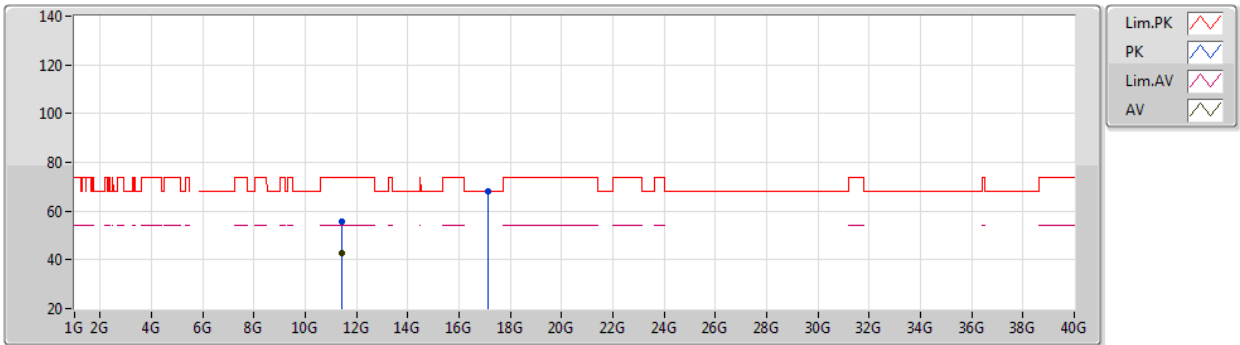
EUT Y_4TX
04-F-A-3-10

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	5.4524G	58.35	74.00	-15.65	53.52	3	Horizontal	3	1.79	-	33.66	4.75	33.58
AV	5.4224G	45.83	54.00	-8.17	41.11	3	Horizontal	3	1.79	-	33.57	4.72	33.57
PK	5.47G	57.57	68.20	-10.63	52.67	3	Horizontal	3	1.79	-	33.71	4.77	33.58
PK	5.7212G	121.93	Inf	-Inf	116.49	3	Horizontal	3	1.79	-	34.14	4.94	33.64
AV	5.7224G	111.35	Inf	-Inf	105.91	3	Horizontal	3	1.79	-	34.14	4.94	33.64
PK	5.9G	59.08	68.20	-9.12	52.91	3	Horizontal	3	1.79	-	34.90	4.95	33.68

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5720MHz Straddle 5.47-5.725GHz_TX



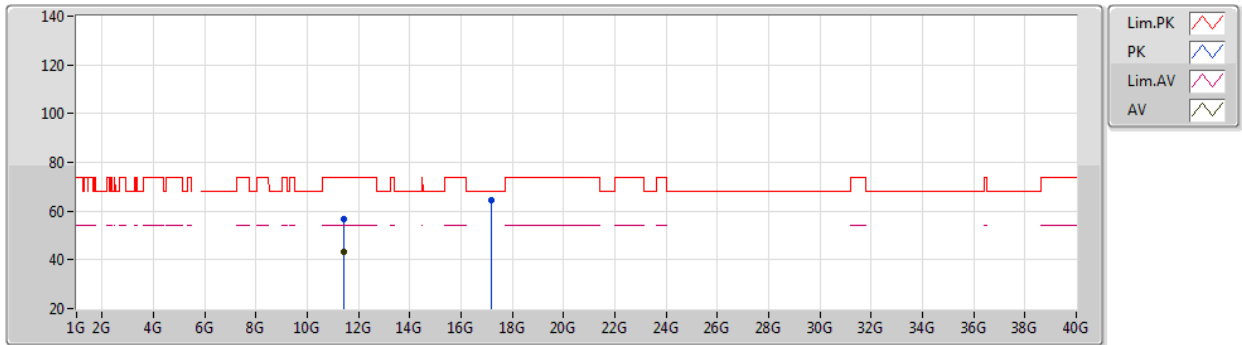
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.44248G	55.49	74.00	-18.51	43.81	3	Vertical	233	3.00	-	39.18	7.24	34.74
AV	11.43896G	42.57	54.00	-11.43	30.88	3	Vertical	233	3.00	-	39.18	7.24	34.73
PK	17.15312G	67.92	68.20	-0.28	52.64	3	Vertical	262	1.80	-	40.94	9.86	35.52

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

25/12/2019

5720MHz Straddle 5.47-5.725GHz_TX



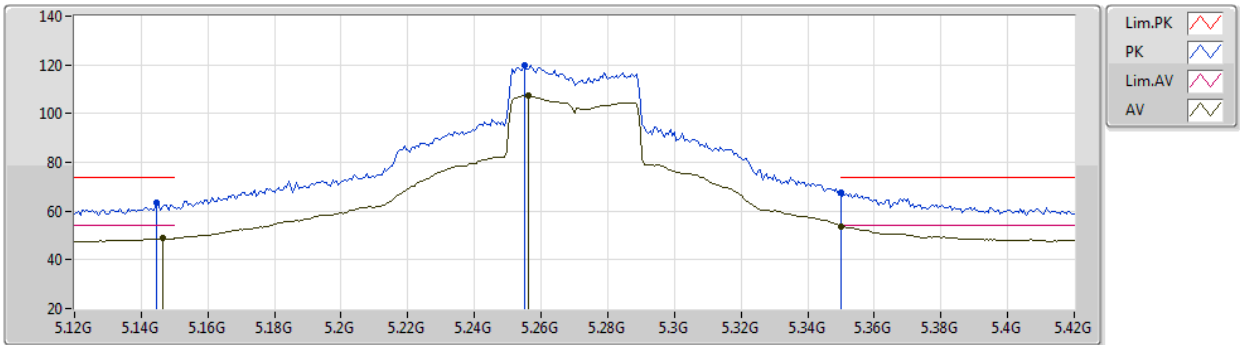
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04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.43888G	56.93	74.00	-17.07	45.24	3	Horizontal	244	1.80	-	39.18	7.24	34.73
AV	11.44656G	43.53	54.00	-10.47	31.85	3	Horizontal	244	1.80	-	39.18	7.24	34.74
PK	17.16528G	64.70	68.20	-3.50	49.40	3	Horizontal	202	2.07	-	40.95	9.87	35.52

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5270MHz_TX

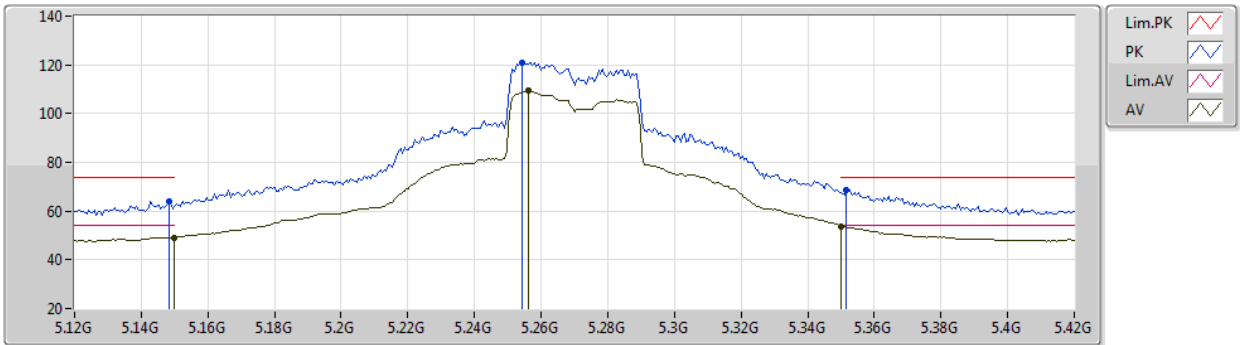

EUT Y_4TX
04-F-A-3-10

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	5.1446G	63.28	74.00	-10.72	57.41	3	Vertical	303	1.19	-	34.04	6.60	34.77
AV	5.1464G	48.74	54.00	-5.26	42.86	3	Vertical	303	1.19	-	34.05	6.60	34.77
PK	5.255G	119.93	Inf	-Inf	113.90	3	Vertical	303	1.19	-	34.21	6.67	34.85
AV	5.2562G	107.40	Inf	-Inf	101.37	3	Vertical	303	1.19	-	34.21	6.67	34.85
PK	5.35G	67.54	74.00	-6.46	61.49	3	Vertical	303	1.19	-	34.35	6.62	34.92
AV	5.35G	53.76	54.00	-0.24	47.71	3	Vertical	303	1.19	-	34.35	6.62	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5270MHz_TX

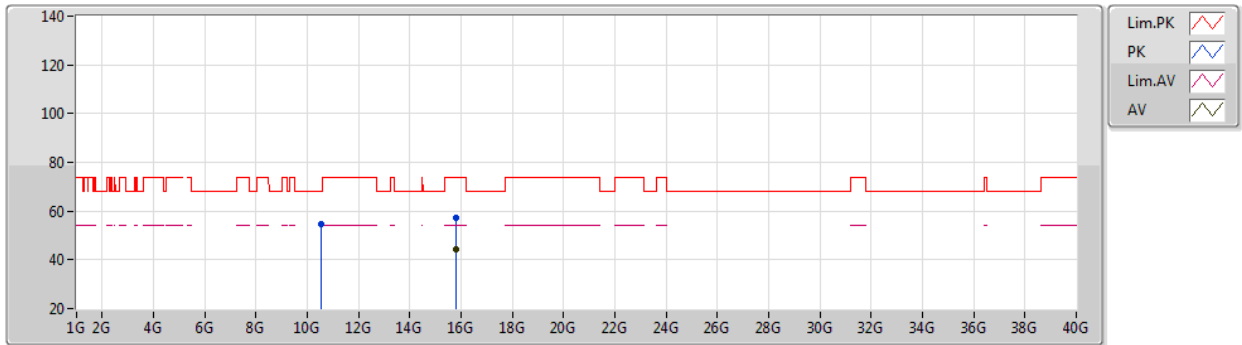

EUT Y_4TX
04-F-A-3-10

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	5.1482G	64.15	74.00	-9.85	58.26	3	Horizontal	168	2.91	-	34.05	6.61	34.77
AV	5.15G	49.07	54.00	-4.93	43.18	3	Horizontal	168	2.91	-	34.05	6.61	34.77
PK	5.2544G	121.07	Inf	-Inf	115.04	3	Horizontal	168	2.91	-	34.21	6.67	34.85
AV	5.2562G	109.33	Inf	-Inf	103.30	3	Horizontal	168	2.91	-	34.21	6.67	34.85
PK	5.3516G	68.50	74.00	-5.50	62.45	3	Horizontal	168	2.91	-	34.35	6.62	34.92
AV	5.35G	53.84	54.00	-0.16	47.79	3	Horizontal	168	2.91	-	34.35	6.62	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5270MHz_TX



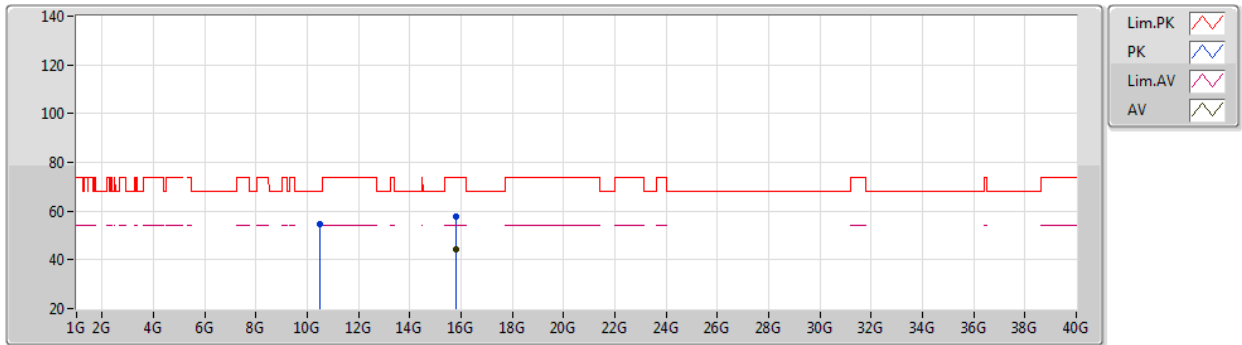
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5524G	54.59	68.20	-13.61	41.60	3	Vertical	268	1.28	-	38.41	9.44	34.86
PK	15.7945G	57.50	74.00	-16.50	44.13	3	Vertical	308	2.20	-	38.12	10.33	35.08
AV	15.8272G	44.28	54.00	-9.72	31.05	3	Vertical	308	2.20	-	38.02	10.32	35.11

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5270MHz_TX



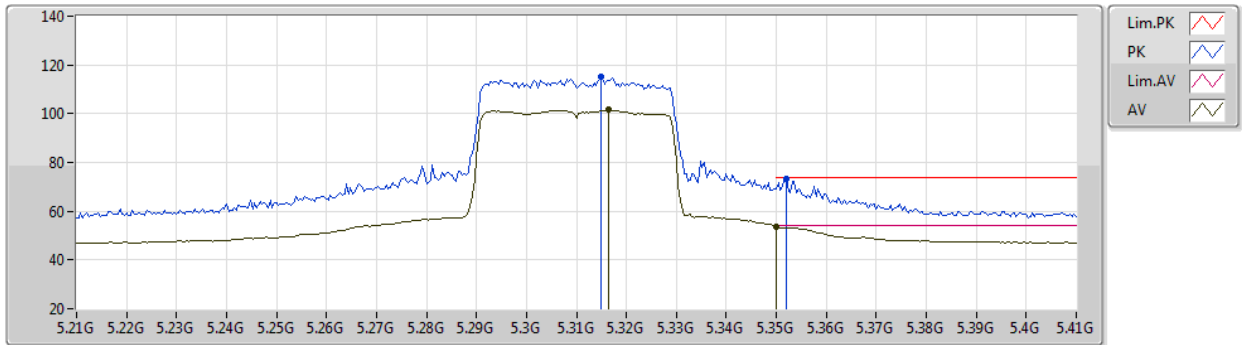
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5158G	54.63	68.20	-13.57	41.69	3	Horizontal	259	1.54	-	38.40	9.43	34.89
PK	15.8065G	57.93	74.00	-16.07	44.61	3	Horizontal	295	1.18	-	38.08	10.33	35.09
AV	15.8072G	44.41	54.00	-9.59	31.09	3	Horizontal	295	1.18	-	38.08	10.33	35.09

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5310MHz_TX

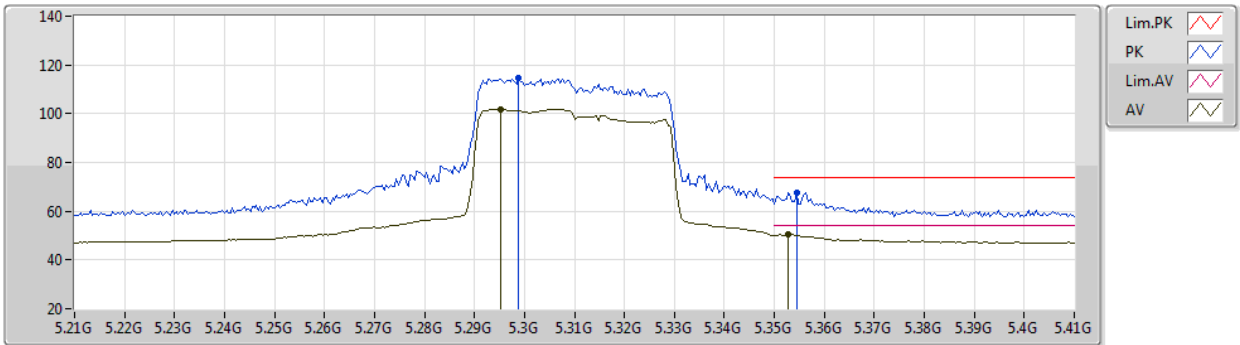

EUT Y_4TX
04-F-A-3-10

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	5.3148G	115.11	Inf	-Inf	109.05	3	Vertical	196	1.69	-	34.31	6.64	34.89
AV	5.3164G	101.47	Inf	-Inf	95.40	3	Vertical	196	1.69	-	34.32	6.64	34.89
PK	5.352G	73.14	74.00	-0.86	67.09	3	Vertical	196	1.69	-	34.35	6.62	34.92
AV	5.35G	53.80	54.00	-0.20	47.75	3	Vertical	196	1.69	-	34.35	6.62	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5310MHz_TX



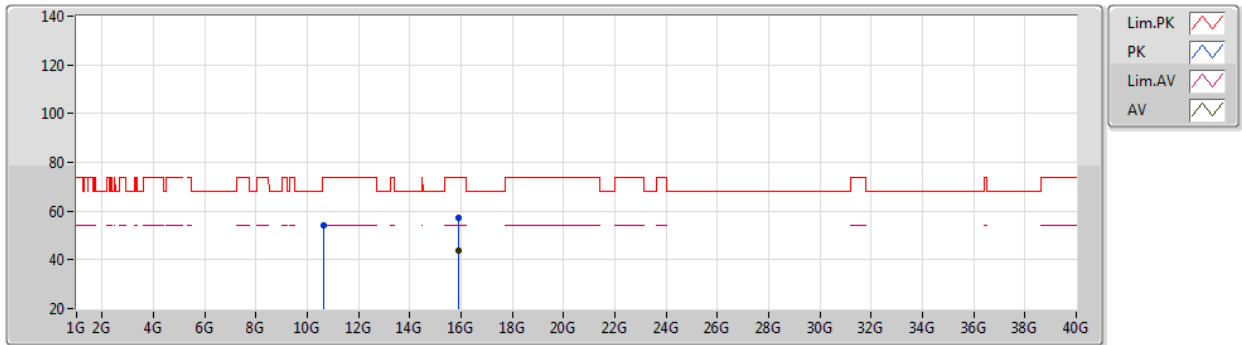
EUT Y_4TX
04-F-A-3-10

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	5.2988G	114.91	Inf	-Inf	108.84	3	Horizontal	174	2.49	-	34.30	6.65	34.88
AV	5.2952G	101.77	Inf	-Inf	95.71	3	Horizontal	174	2.49	-	34.29	6.65	34.88
PK	5.3544G	67.73	74.00	-6.27	61.68	3	Horizontal	174	2.49	-	34.35	6.62	34.92
AV	5.3528G	50.52	54.00	-3.48	44.47	3	Horizontal	174	2.49	-	34.35	6.62	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5310MHz_TX



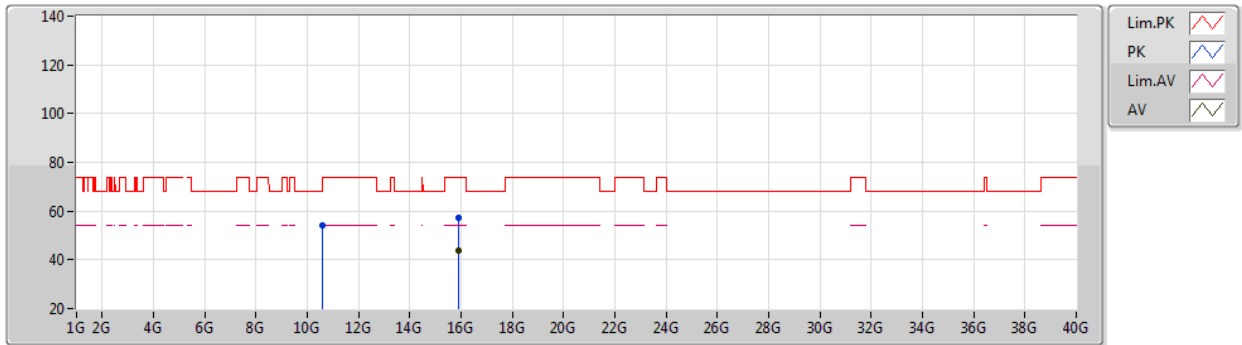
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.6174G	54.38	74.00	-19.62	41.32	3	Vertical	171	1.11	-	38.42	9.46	34.82
PK	15.9156G	57.06	74.00	-16.94	44.21	3	Vertical	41	1.73	-	37.75	10.31	35.21
AV	15.9055G	43.95	54.00	-10.05	31.06	3	Vertical	41	1.73	-	37.78	10.31	35.20

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5310MHz_TX



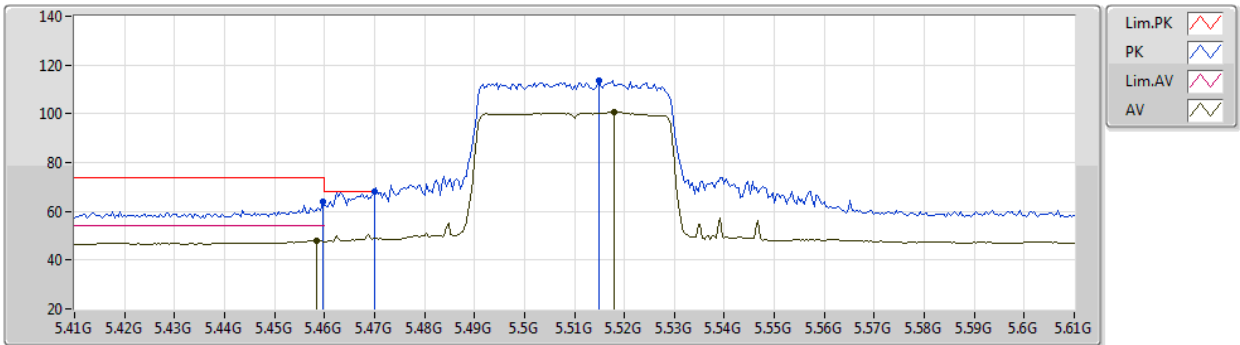
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.5984G	54.36	68.20	-13.84	41.31	3	Horizontal	21	2.16	-	38.42	9.46	34.83
PK	15.9178G	57.20	74.00	-16.80	44.35	3	Horizontal	44	1.55	-	37.75	10.31	35.21
AV	15.9113G	43.86	54.00	-10.14	30.98	3	Horizontal	44	1.55	-	37.77	10.31	35.20

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5510MHz_TX



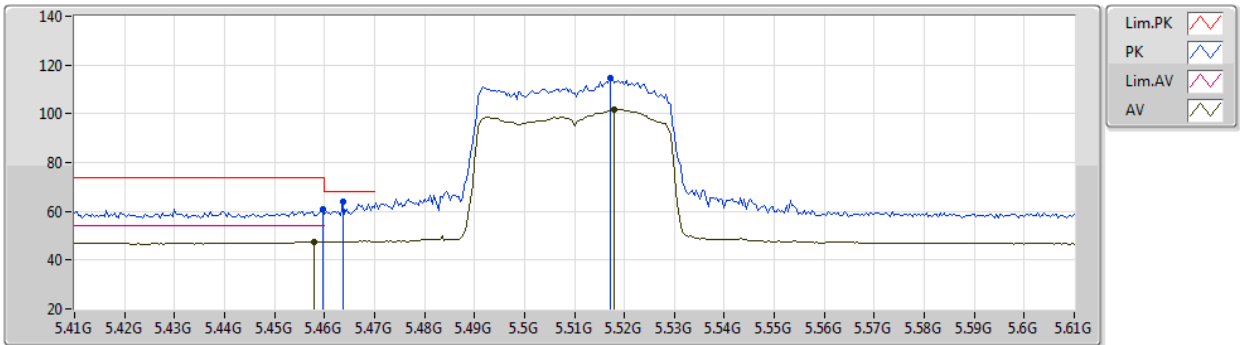
EUT Y_4TX
04-F-A-3-10

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	5.4596G	63.92	74.00	-10.08	57.75	3	Vertical	203	1.61	-	34.46	6.70	34.99
AV	5.4584G	48.07	54.00	-5.93	41.91	3	Vertical	203	1.61	-	34.46	6.69	34.99
PK	5.47G	68.06	68.20	-0.14	61.87	3	Vertical	203	1.61	-	34.47	6.71	34.99
PK	5.5148G	113.71	Inf	-Inf	107.45	3	Vertical	203	1.61	-	34.49	6.78	35.01
AV	5.518G	100.60	Inf	-Inf	94.33	3	Vertical	203	1.61	-	34.48	6.79	35.00

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5510MHz_TX

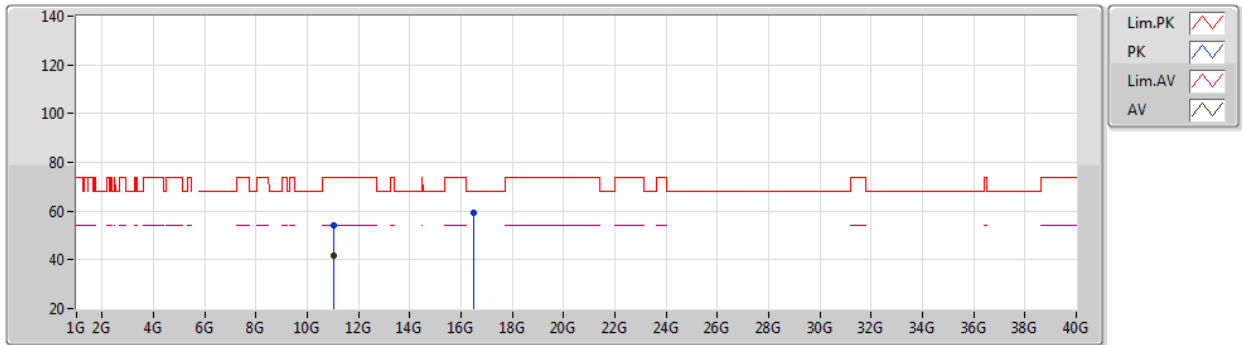

EUT Y_4TX
04-F-A-3-10

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	5.4596G	60.98	74.00	-13.02	54.81	3	Horizontal	129	1.80	-	34.46	6.70	34.99	
AV	5.458G	47.64	54.00	-6.36	41.47	3	Horizontal	129	1.80	-	34.46	6.69	34.98	
PK	5.4636G	64.22	68.20	-3.98	58.05	3	Horizontal	129	1.80	-	34.46	6.70	34.99	
PK	5.5172G	114.71	Inf	-Inf	108.45	3	Horizontal	129	1.80	-	34.48	6.78	35.00	
AV	5.518G	101.95	Inf	-Inf	95.68	3	Horizontal	129	1.80	-	34.48	6.79	35.00	

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5510MHz_TX



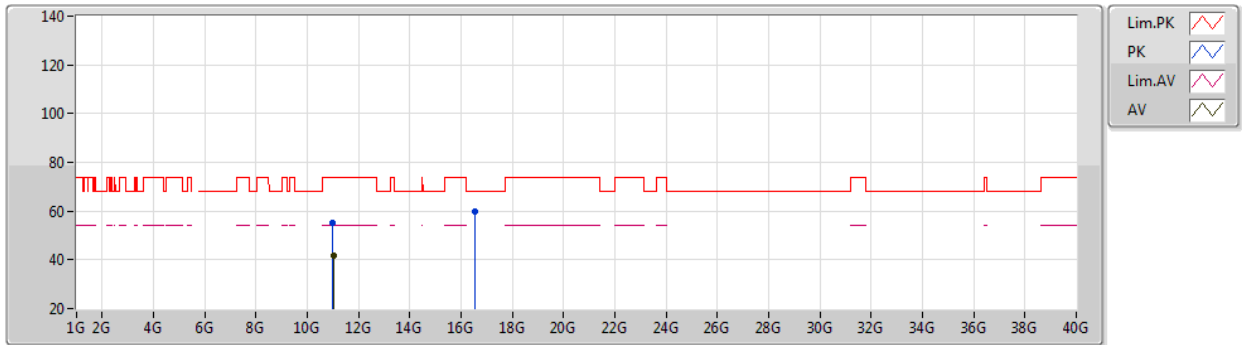
EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	11.0199G	54.13	74.00	-19.87	40.65	3	Vertical	129	2.39	-	38.51	9.56	34.59
AV	11.0447G	41.61	54.00	-12.39	28.11	3	Vertical	129	2.39	-	38.53	9.57	34.60
PK	16.5132G	59.49	68.20	-8.71	44.88	3	Vertical	353	2.33	-	38.73	10.82	34.94

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5510MHz_TX

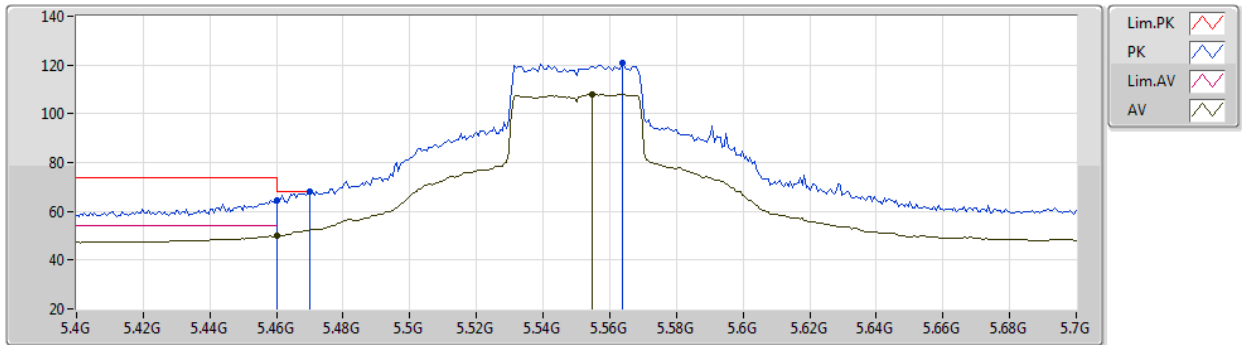

EUT Y_4TX
04-F-A-3

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB)	CL (dB)	PA (dB)
PK	10.9971G	55.13	74.00	-18.87	41.66	3	Horizontal	260	2.99	-	38.50	9.56	34.59
AV	11.0399G	41.48	54.00	-12.52	27.98	3	Horizontal	260	2.99	-	38.53	9.57	34.60
PK	16.5298G	59.64	68.20	-8.56	44.95	3	Horizontal	149	1.11	-	38.77	10.84	34.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

25/12/2019

5550MHz_TX


EUT Y_4TX
04-F-A-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	5.46G	64.45	74.00	-9.55	58.28	3	Vertical	193	1.50	-	34.46	6.70	34.99
AV	5.46G	49.96	54.00	-4.04	43.79	3	Vertical	193	1.50	-	34.46	6.70	34.99
PK	5.47G	68.00	68.20	-0.20	61.81	3	Vertical	193	1.50	-	34.47	6.71	34.99
PK	5.5638G	120.63	Inf	-Inf	114.33	3	Vertical	193	1.50	-	34.44	6.85	34.99
AV	5.5548G	107.89	Inf	-Inf	101.59	3	Vertical	193	1.50	-	34.45	6.84	34.99