



FCC RADIO TEST REPORT

FCC ID : NKR-LVSK-X1
Equipment : Wi-Fi Extender Mini
Brand Name : verizon
Model Name : LVX1
Applicant : Wistron NeWeb Corporation
20 Park Ave. II, Hsinchu Science Park, Hsinchu
308, Taiwan
Manufacturer : Wistron NeWeb Corporation
20 Park Ave. II, Hsinchu Science Park, Hsinchu
308, Taiwan
Standard : 47 CFR FCC Part 15.407

The product was received on Jul. 19, 2019, and testing was started from Jul. 30, 2019 and completed on Aug. 06, 2019. 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: Sam Chen

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	9
1.3 Testing Location Information	9
1.4 Measurement Uncertainty	9
2 Test Configuration of EUT	10
2.1 Test Channel Mode	10
2.2 The Worst Case Measurement Configuration.....	12
2.3 EUT Operation during Test	13
2.4 Accessories	13
2.5 Support Equipment.....	13
2.6 Test Setup Diagram	14
3 Transmitter Test Result	16
3.1 Emission Bandwidth	16
3.2 Maximum Conducted Output Power	17
3.3 Peak Power Spectral Density.....	19
3.4 Unwanted Emissions.....	22
4 Test Equipment and Calibration Data	26
Appendix A. Test Results of Emission Bandwidth	
Appendix B. Test Results of Maximum Conducted Output Power	
Appendix C. Test Results of Peak Power Spectral Density	
Appendix D. Test Results of Unwanted Emissions	
Appendix E. Test Photos	
Photographs of EUT v01	



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB 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	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:

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

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: 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)	5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530-5690	106-138 [3]

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



Note:

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

**1.1.2 Antenna Information**

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Direction Gain (dBi)		
						2.4GHz	5GHz Band 1 + Band 2	5GHz Band 3 + Band 4
1	1	WNC	LVX1	PCB DIPOLE	I-PEX MHF	4.51	-	5.85
2	2	WNC	LVX1	Metal PIFA	I-PEX MHF	4.51	-	5.85
3	1	WNC	LVX1	PCB DIPOLE	I-PEX MHF	-	5.20	-
4	2	WNC	LVX1	PCB DIPOLE	I-PEX MHF	-	5.20	-

Note: The above information was declared by manufacturer.

For 2.4GHz and 5GHz Band 3~Band 4 function(2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

For 5GHz Band 1~Band 2 function(2TX/2RX):

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

Port 1 and Port 2 could transmit/receive simultaneously.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
802.11a	0.967	0.15	2.029m	1k
802.11ac VHT20	0.903	0.44	4.975m	300
802.11ac VHT20-BF	0.957	0.19	1.755m	1k
802.11ac VHT40	0.843	0.74	2.42m	1k
802.11ac VHT40-BF	0.95	0.22	1.847m	1k
802.11ac VHT80	0.878	0.57	3.333m	1k
802.11ac VHT80-BF	0.966	0.15	2.027m	1k

Note:

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

**1.1.4 EUT Operational Condition**

EUT Power Type	Internal power supply		
Beamforming Function	☒ With beamforming	☐ Without beamforming	
	For 802.11n and VHT in 2.4GHz and 802.11n/ac in 5GHz.		
Function	☐ Outdoor P2M	☒ Indoor P2M	
	☐ Fixed P2P	☐ Client	
Weather Band	☒ With 5600~5650MHz	☐ Without 5600~5650MHz	
TPC Function	☒ With TPC	☐ Without TPC	
Test Software Version	For non- beamforming 5GHz Band 1/2: QCA9886_EVM curve.xtt (V 5.0-00163) For non- beamforming 5GHz Band 3/4: AP.DK04_EVM curve.xtt (V 5.0-00163) For beamforming: Telnet		

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT support function

Function	Support Type	Support Band
Bridge	Master	WLAN 2.4GHz/WLAN 5GHz Band 1~4
Mesh	Master + Slave	WLAN 2.4GHz/WLAN 5GHz Band 1~4 (Band 1/2: slave without radar detection, Band 3/4: Master)

Note: The above information was declared by manufacturer.

1.1.6 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR953010

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

Modifications	Performance Checking
1. Adding 5GHz band 2 and band 3 (5250~5350 MHz, 5470~5725 MHz) for this device.	1. Emission Bandwidth. 2. Maximum Conducted Output Power. 3. Peak Power Spectral Density. 4. Unwanted Emissions
2. For the Bridge function adding 5GHz band 2 and band 3.	Do not affect the test results.



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	Eddie Weng	27.5~27.6°C / 63~67%	Jul. 30, 2019~Aug.03, 2019
Radiated>1GHz	03CH01-CB	Bruce Yang	26.6~28.2°C / 60~65%	Aug. 06, 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	PowerSetting
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	19
5300MHz	18
5320MHz	16.5
5500MHz	18.5
5580MHz	19.5
5700MHz	17
5720MHz Straddle 5.47-5.725GHz	19
5720MHz Straddle 5.725-5.85GHz	19
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	20
5300MHz	18
5320MHz	17
5500MHz	18.5
5580MHz	20
5700MHz	16.5
5720MHz Straddle 5.47-5.725GHz	19.5
5720MHz Straddle 5.725-5.85GHz	19.5
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	20
5310MHz	14.5
5510MHz	16.5
5550MHz	19.5
5670MHz	18.5
5710MHz Straddle 5.47-5.725GHz	20.5
5710MHz Straddle 5.725-5.85GHz	20.5
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5290MHz	12
5530MHz	16
5610MHz	19.5
5690MHz Straddle 5.47-5.725GHz	20.5
5690MHz Straddle 5.725-5.85GHz	20.5
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5260MHz	21
5300MHz	21
5320MHz	20



Mode	PowerSetting
5500MHz	20
5580MHz	23
5700MHz	20
5720MHz Straddle 5.47-5.725GHz	23
5720MHz Straddle 5.725-5.85GHz	23
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5270MHz	21
5310MHz	18
5510MHz	19
5550MHz	23
5670MHz	21
5710MHz Straddle 5.47-5.725GHz	23
5710MHz Straddle 5.725-5.85GHz	23
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5290MHz	15
5530MHz	19
5610MHz	23
5690MHz Straddle 5.47-5.725GHz	23
5690MHz Straddle 5.725-5.85GHz	23

Note:

- ♦ There are two modes of EUT for 802.11n/ac in 5GHz. One is beamforming mode, and the other is non-beamforming mode, Both modes have been tested and recorded in this test report.
- ♦ VHT 20MHz / 40MHz modulation and bandwidth are similar for 802.11n mode for 20MHz / 40MHz, therefore investigated worst case to representative mode in 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.
1	EUT in Y axis
Operating Mode > 1GHz	CTX
There are two modes of EUT, one is Y axis Power port is right side up , the other is Y axis Power port is right side down, and the worst case was found at Y axis Power port is right side up. So the measurement will follow this same test configuration.	
1	EUT in Y axis Power port is right side up

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 Band 1 and Band 2 + WLAN 5GHz Band 3 and Band 4
Refer to Sporton Test Report No.: FA953010-01 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used Y axis.



2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

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

The program was executed as follows:

1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Telnet.
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

N/A

2.5 Support Equipment

For Radiated and RF Conducted:

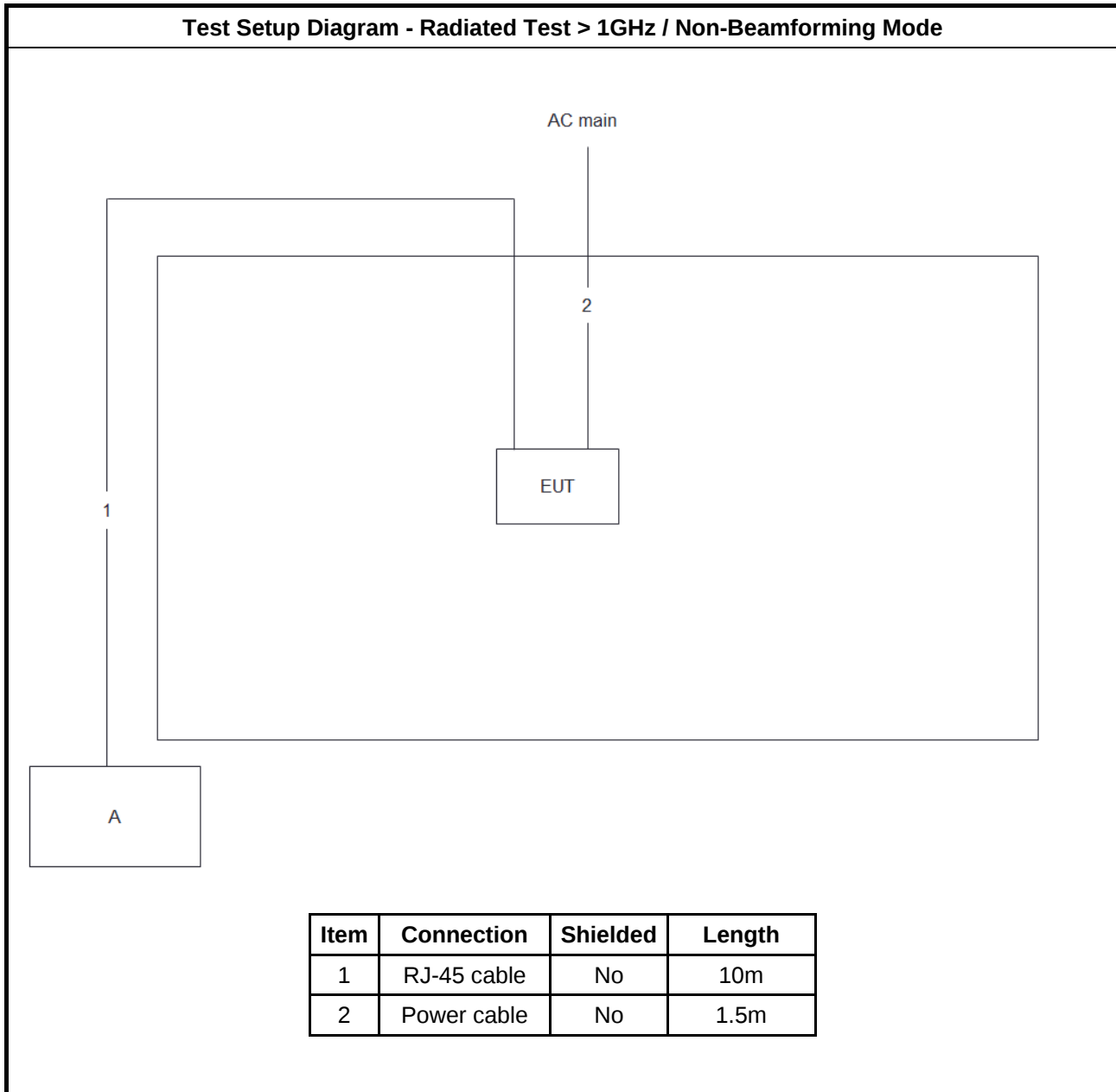
<For Non-Beamforming Mode>

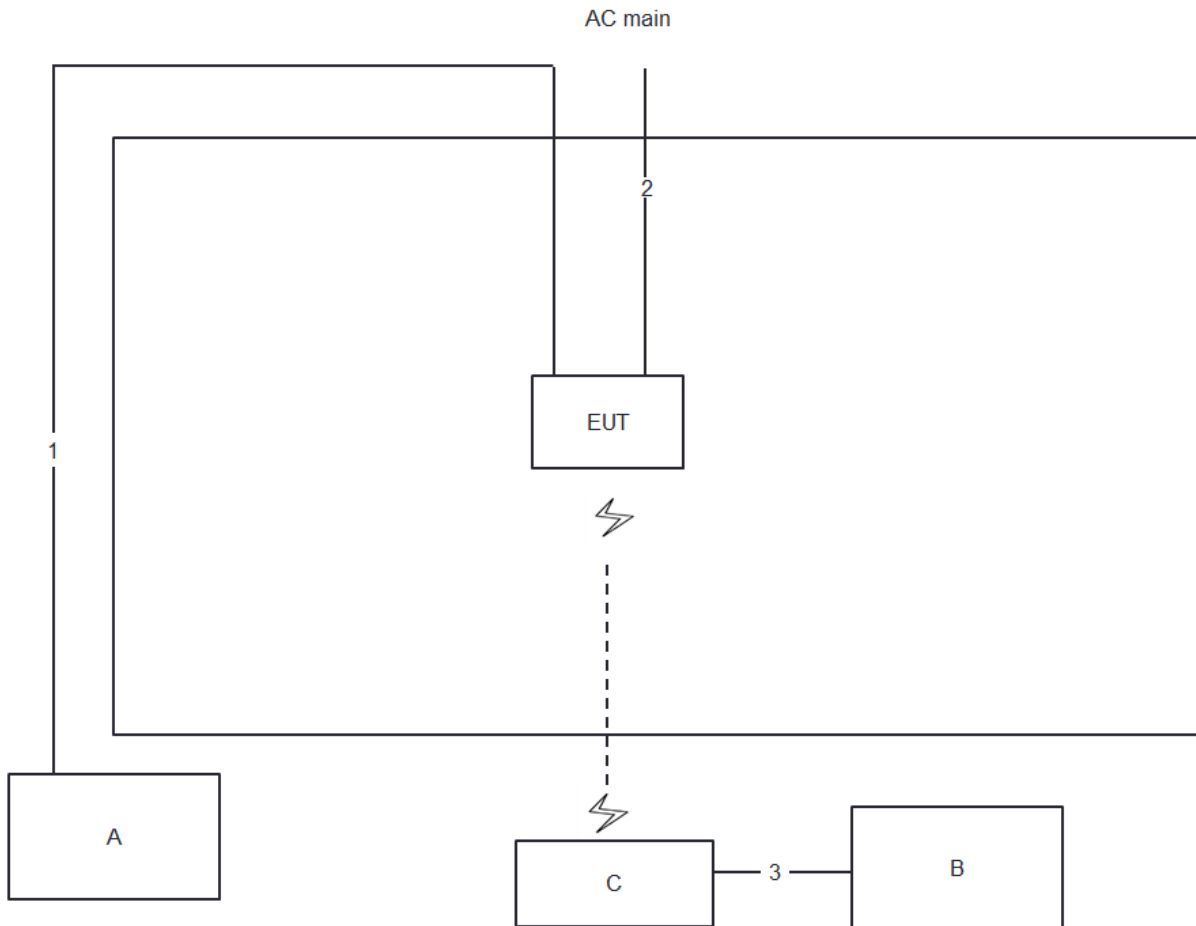
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

<For Beamforming Mode>

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	RX Device	verizon	Wi-Fi Extender LVM1	N/A

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test > 1GHz / Beamforming Mode


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

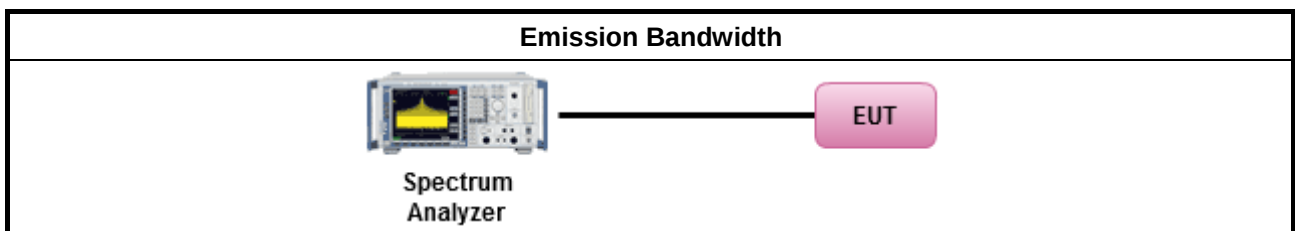
3.1.2 Measuring Instruments

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

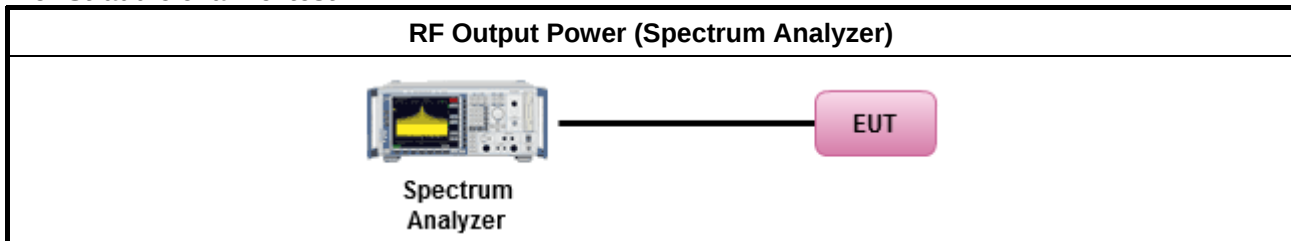
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

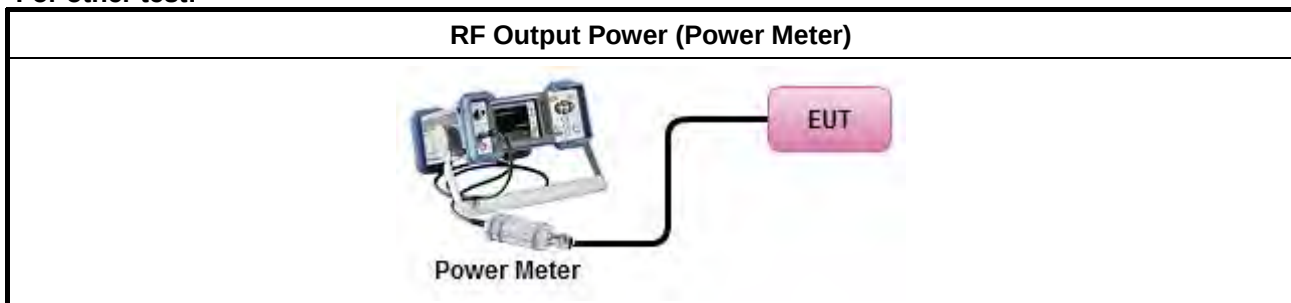
Test Method	
Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off 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 he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz G_{TX} = the maximum transmitting antenna directional gain in dBi.	

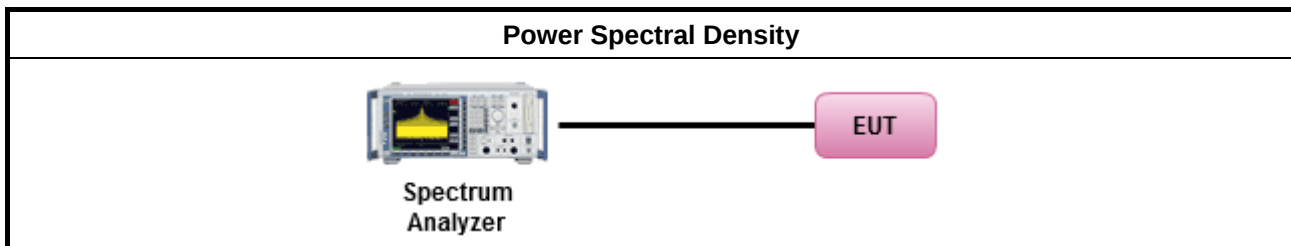
3.3.2 Measuring Instruments

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).	

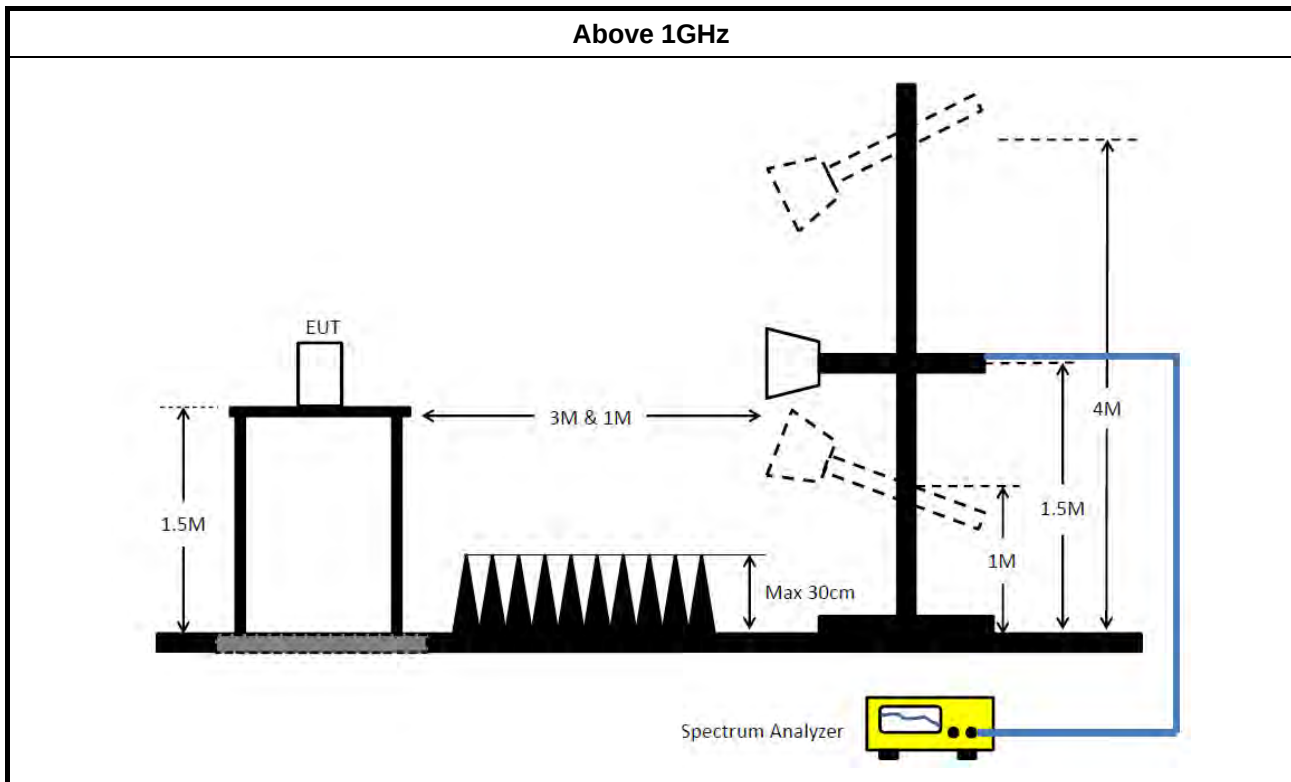
3.4.2 Measuring Instruments

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 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

3.4.5 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	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2019	Jan. 07, 2020	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-H G	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-16+17	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz ~ 26.5 GHz	Oct. 24, 2018	Oct. 23, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1126203	300MHz~40GHz	Sep. 03, 2018	Sep. 02, 2019	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1210004	300MHz~40GHz	Sep. 03, 2018	Sep. 02, 2019	Conducted (TH02-CB)

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

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	23.4M	16.549M	16M5D1D	21.57M	16.441M
802.11ac VHT20_Nss1,(MCS0)_2TX	37.65M	18.278M	18M3D1D	21.12M	17.641M
802.11ac VHT40_Nss1,(MCS0)_2TX	84.9M	36.937M	36M9D1D	39.54M	35.911M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.52M	75.815M	75M8D1D	82.92M	75.577M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	26.19M	17.754M	17M8D1D	20.94M	17.613M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	72.24M	36.219M	36M2D1D	39.06M	35.725M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	84.48M	75.773M	75M8D1D	83.28M	75.692M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	27.42M	16.545M	16M5D1D	15.975M	13.243M
802.11ac VHT20_Nss1,(MCS0)_2TX	28.95M	17.742M	17M7D1D	16.26M	13.858M
802.11ac VHT40_Nss1,(MCS0)_2TX	55.195M	36.046M	36M0D1D	38.52M	33.07M
802.11ac VHT80_Nss1,(MCS0)_2TX	151.2M	75.995M	76M0D1D	82.32M	72.797M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	29.13M	17.724M	17M7D1D	16.68M	13.89M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	47.64M	36.199M	36M2D1D	34.93M	32.868M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	84.48M	75.96M	76M0D1D	75M	72.608M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.14M	3.814M	3M81D1D	3.14M	3.684M
802.11ac VHT20_Nss1,(MCS0)_2TX	3.76M	4.414M	4M41D1D	3.76M	4.272M
802.11ac VHT40_Nss1,(MCS0)_2TX	3.22M	22.213M	22M2D1D	3.14M	22.126M
802.11ac VHT80_Nss1,(MCS0)_2TX	3.16M	35.469M	35M5D1D	3.14M	34.128M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.02M	17.888M	17M9D1D	1.42M	13.927M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.22M	4.468M	4M47D1D	3.22M	4.424M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.62M	27.287M	27M3D1D	2.48M	25.75M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.72M	16.441M	22.17M	16.489M
5300MHz	Pass	Inf	22.02M	16.508M	23.4M	16.549M
5320MHz	Pass	Inf	21.9M	16.489M	21.57M	16.511M
5500MHz	Pass	Inf	22.23M	16.447M	20.28M	16.464M
5580MHz	Pass	Inf	23.34M	16.46M	27.42M	16.545M
5700MHz	Pass	Inf	21.63M	16.457M	21.57M	16.491M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	16.005M	13.251M	15.975M	13.243M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.14M	3.814M	3.14M	3.684M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	37.65M	18.195M	36.78M	18.278M
5300MHz	Pass	Inf	21.63M	17.65M	23.88M	17.73M
5320MHz	Pass	Inf	21.12M	17.641M	21.54M	17.65M
5500MHz	Pass	Inf	21.36M	17.649M	22.83M	17.66M
5580MHz	Pass	Inf	22.23M	17.671M	28.95M	17.742M
5700MHz	Pass	Inf	20.4M	17.6M	20.37M	17.612M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	17.97M	13.902M	16.26M	13.858M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.76M	4.414M	3.76M	4.272M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	84.78M	36.599M	84.9M	36.937M
5310MHz	Pass	Inf	39.78M	35.911M	39.54M	36.037M
5510MHz	Pass	Inf	39.48M	35.975M	39.36M	35.918M
5550MHz	Pass	Inf	38.94M	35.973M	39.24M	36.004M
5670MHz	Pass	Inf	38.52M	35.925M	38.76M	36.046M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	55.195M	33.086M	50.89M	33.07M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	22.213M	3.14M	22.126M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.52M	75.815M	82.92M	75.577M
5530MHz	Pass	Inf	83.28M	75.68M	82.32M	75.551M
5610MHz	Pass	Inf	151.2M	75.995M	122.64M	75.863M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	121.125M	72.97M	112.425M	72.797M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.16M	35.469M	3.14M	34.128M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	21.78M	17.674M	23.67M	17.754M
5300MHz	Pass	Inf	21.87M	17.691M	26.19M	17.717M
5320MHz	Pass	Inf	20.94M	17.613M	21.48M	17.628M
5500MHz	Pass	Inf	20.61M	17.611M	20.46M	17.619M
5580MHz	Pass	Inf	29.13M	17.724M	22.56M	17.658M
5700MHz	Pass	Inf	20.37M	17.628M	20.58M	17.597M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.305M	13.898M	16.68M	13.89M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	1.42M	17.888M	3.02M	13.927M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	69.78M	35.725M	72.24M	36.219M

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5310MHz	Pass	Inf	39.06M	35.823M	41.82M	36.04M
5510MHz	Pass	Inf	38.58M	36.027M	39M	36.123M
5550MHz	Pass	Inf	47.64M	36.159M	40.38M	36.074M
5670MHz	Pass	Inf	40.2M	36.062M	39.48M	36.199M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	46.865M	32.868M	34.93M	32.917M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.22M	4.424M	3.22M	4.468M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	84.48M	75.773M	83.28M	75.692M
5530MHz	Pass	Inf	81.36M	75.96M	81.36M	75.817M
5610MHz	Pass	Inf	80.76M	75.748M	84.48M	75.855M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.375M	72.608M	75M	72.614M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	2.62M	27.287M	2.48M	25.75M

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

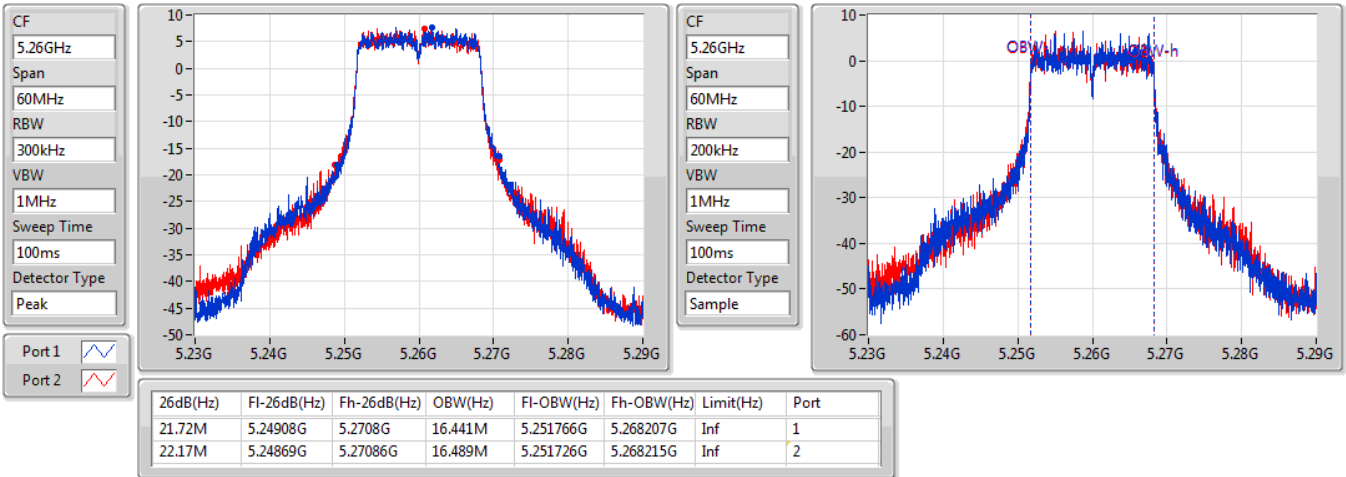
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX

EBW

5260MHz

31/07/2019

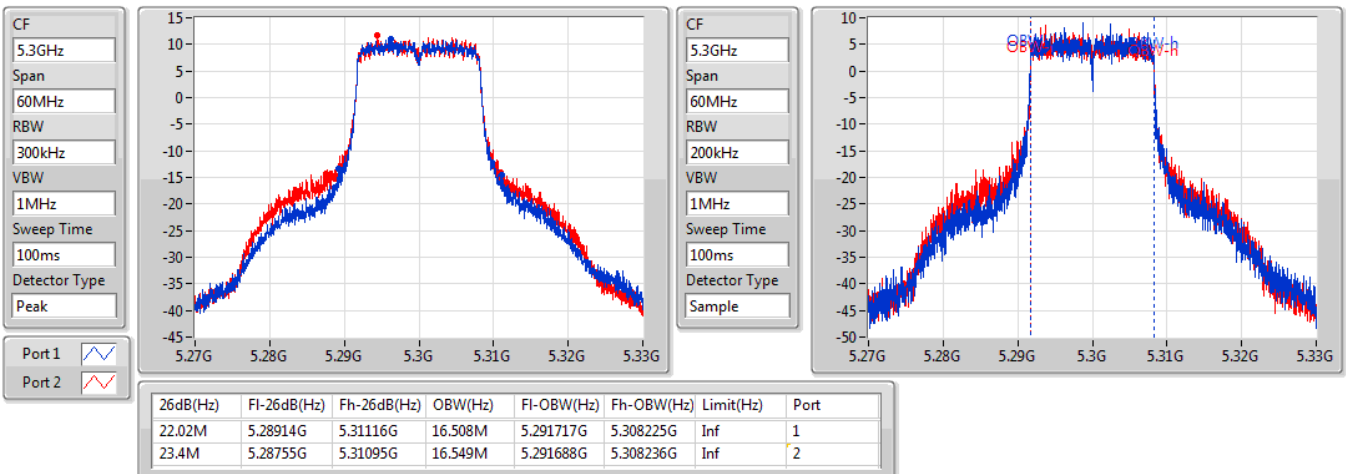


802.11a_Nss1,(6Mbps)_2TX

EBW

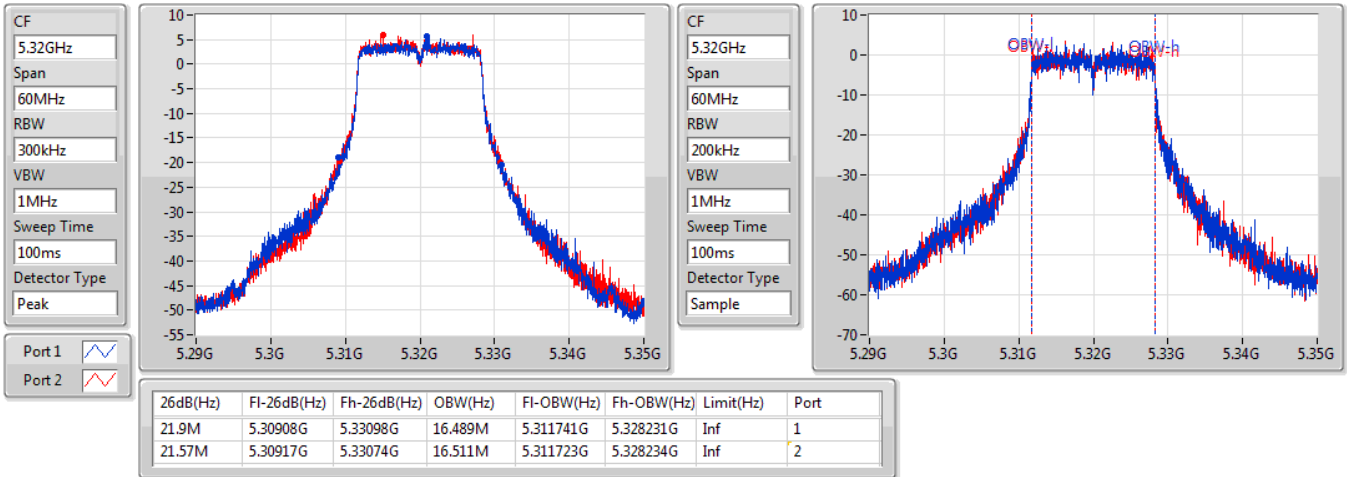
5300MHz

30/07/2019

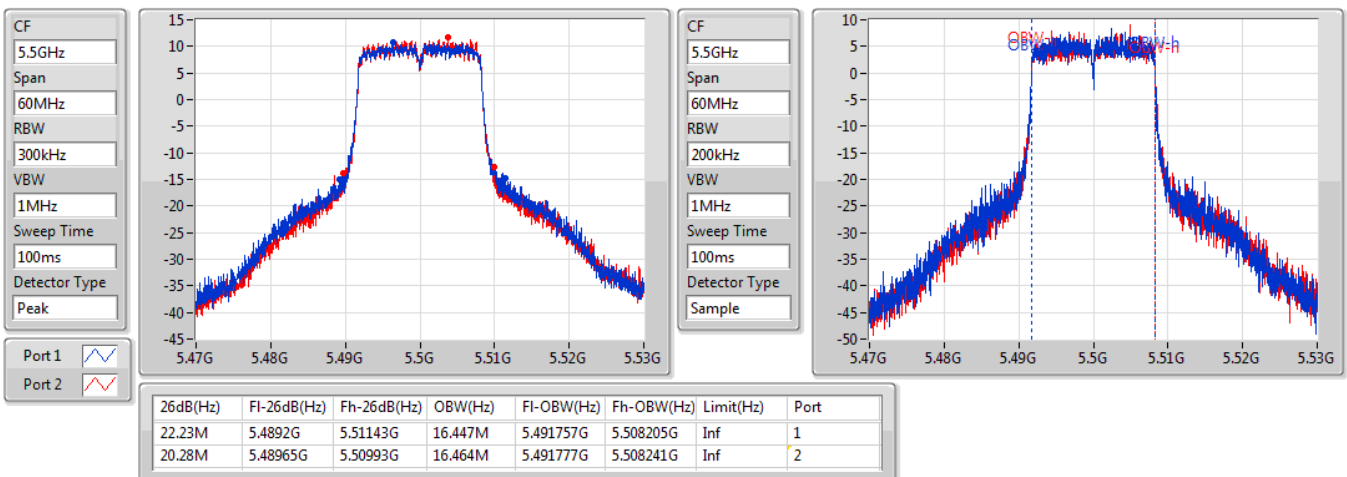


802.11a_Nss1,(6Mbps)_2TX
EBW
5320MHz

31/07/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

30/07/2019

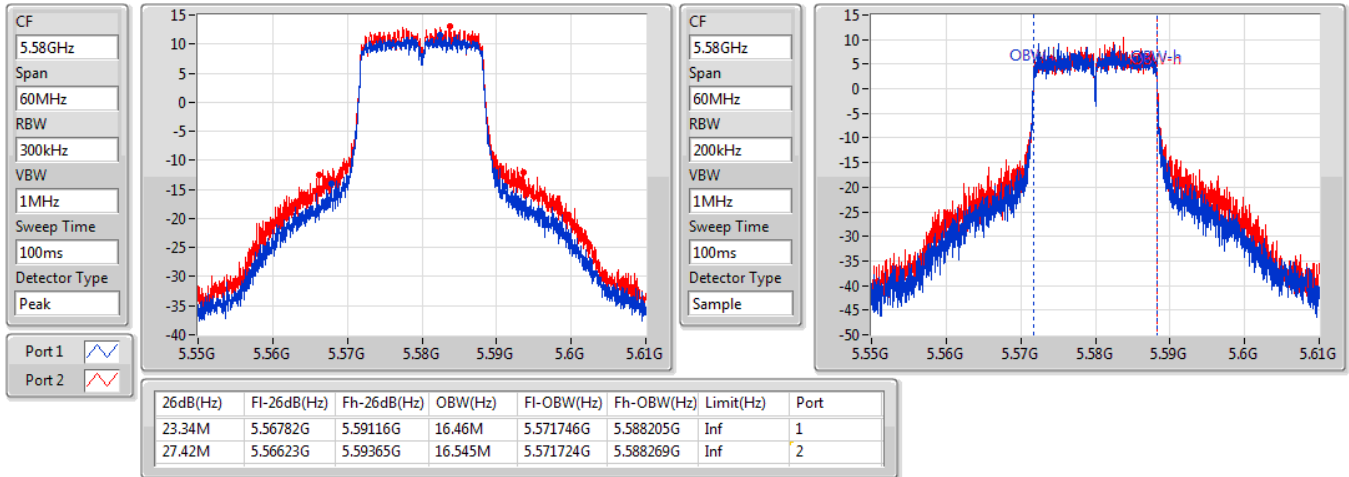


802.11a_Nss1,(6Mbps)_2TX

EBW

5580MHz

30/07/2019

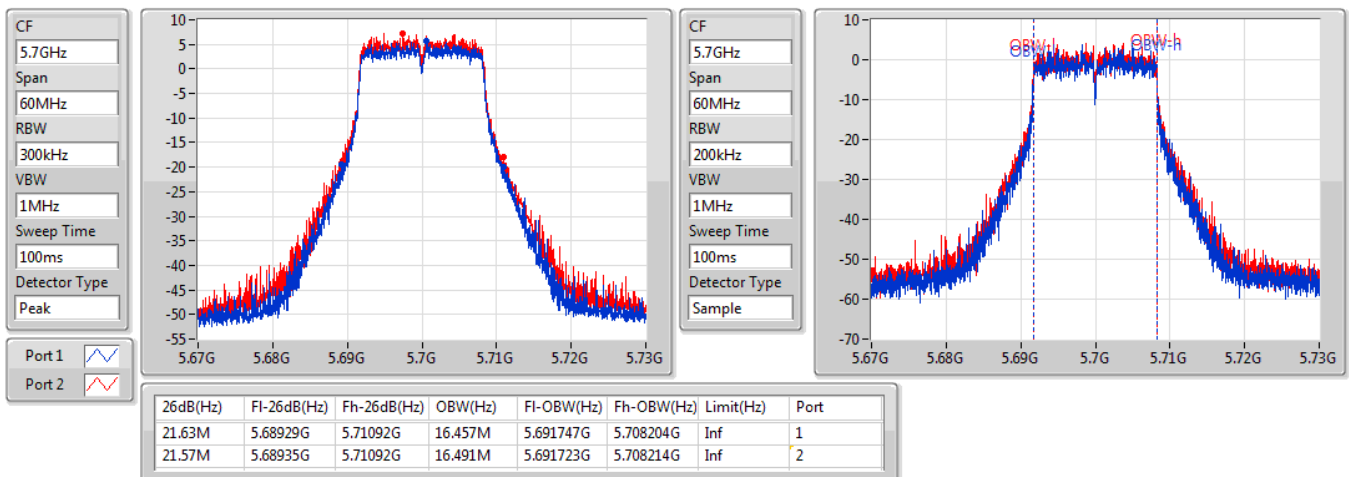


802.11a_Nss1,(6Mbps)_2TX

EBW

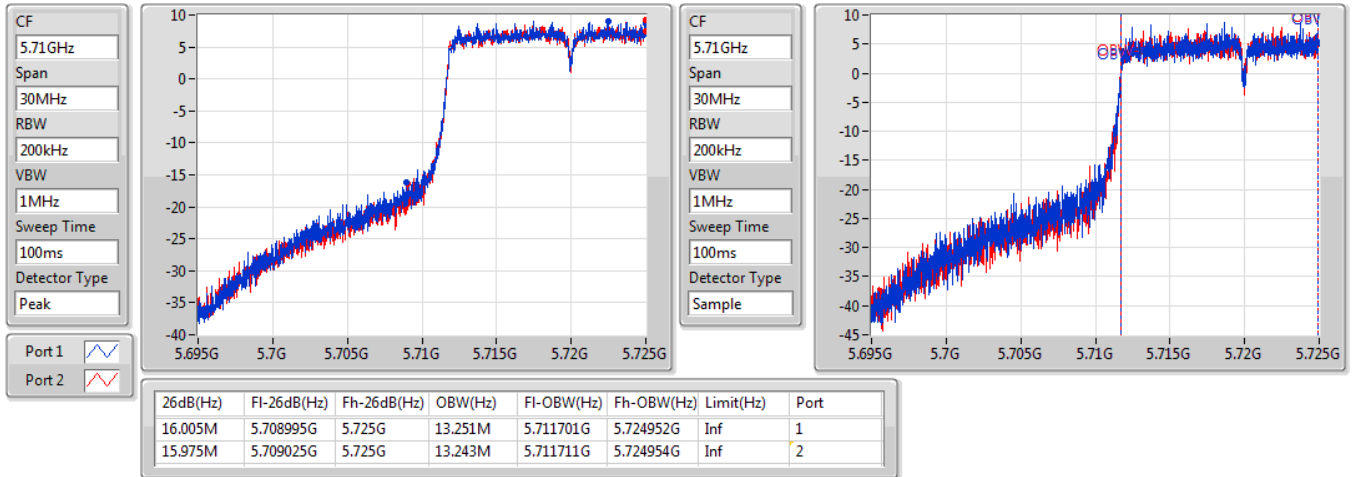
5700MHz

31/07/2019

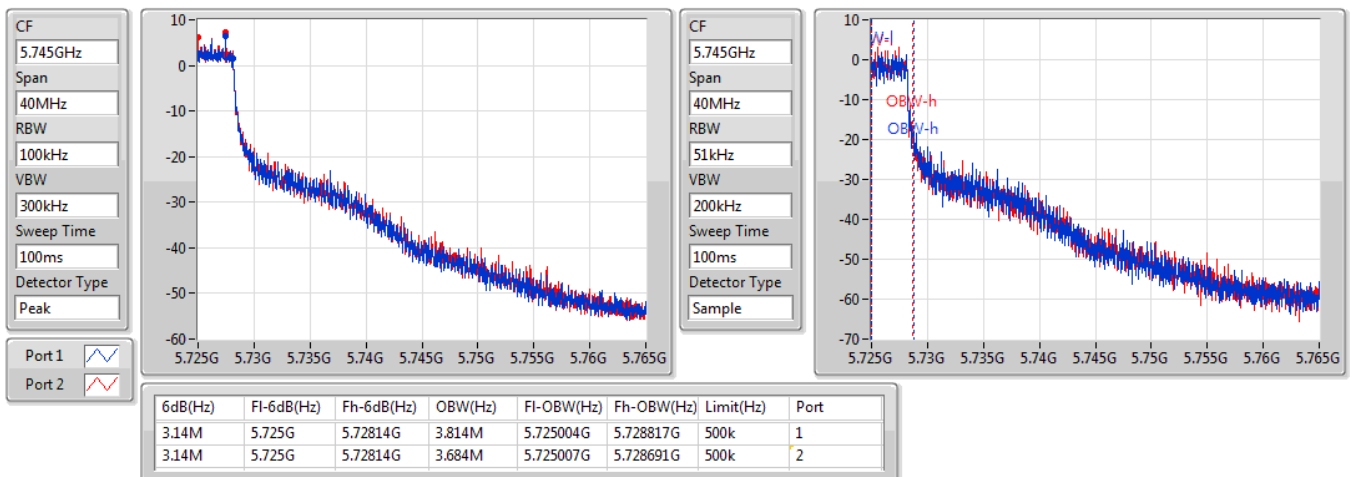


802.11a_Nss1,(6Mbps)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

03/08/2019


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

03/08/2019

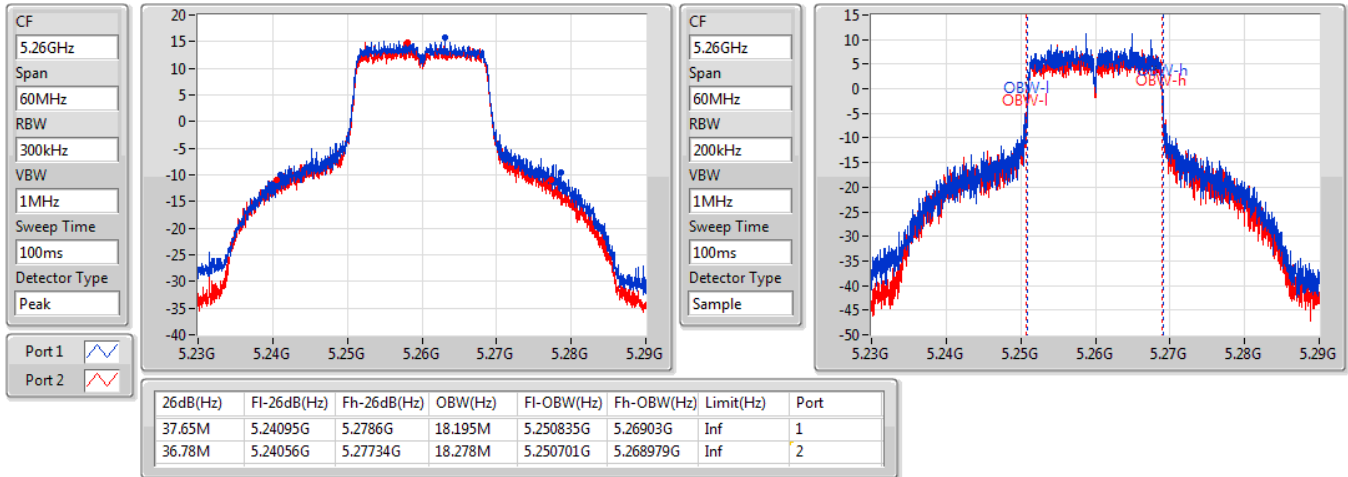


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5260MHz

30/07/2019

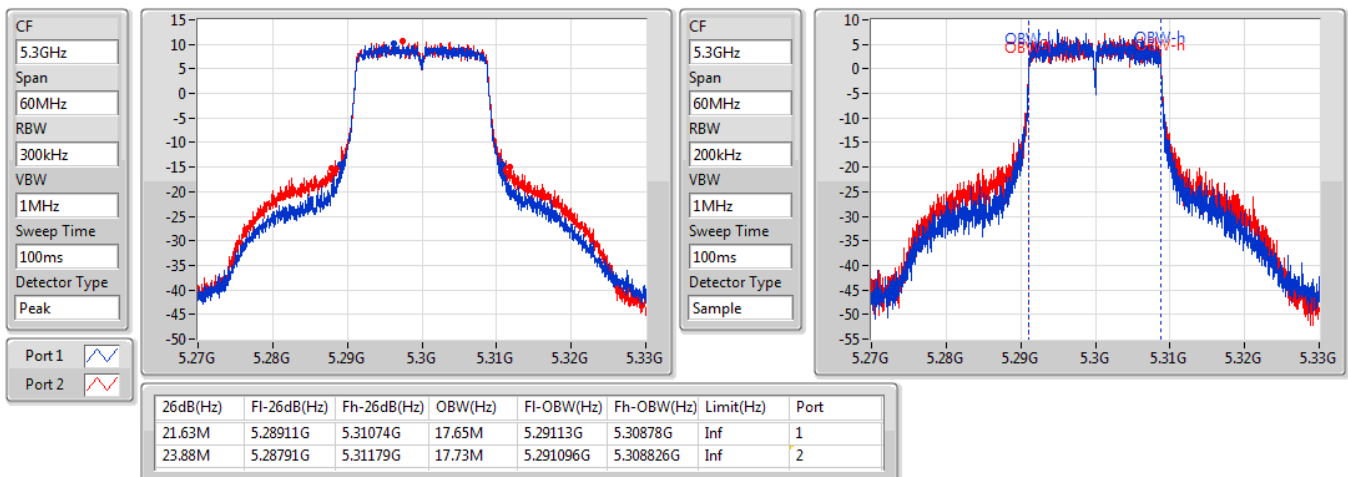


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5300MHz

30/07/2019

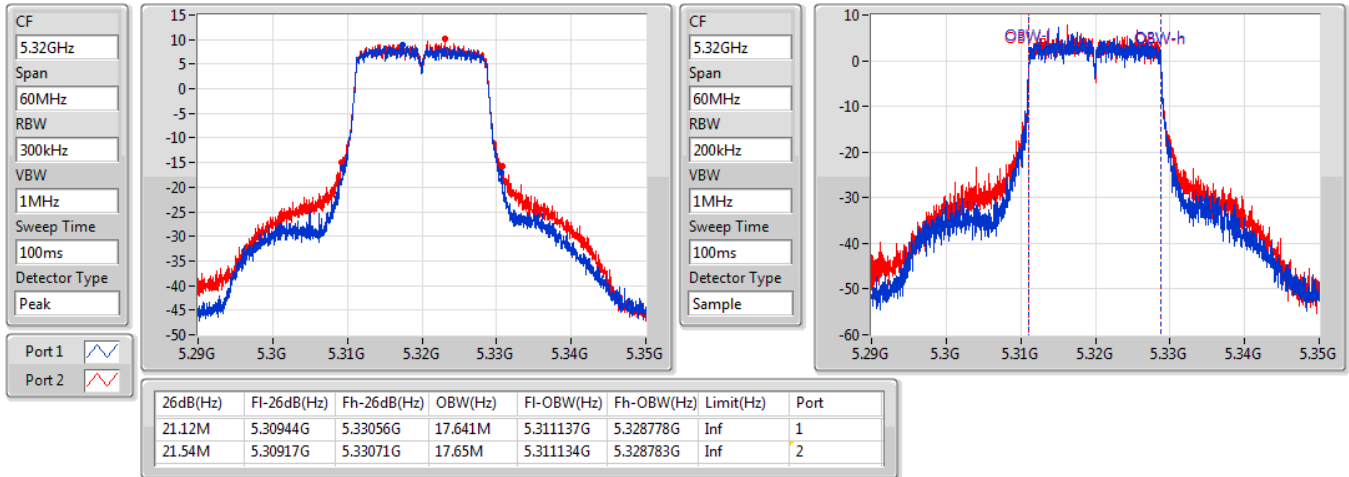


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5320MHz

30/07/2019

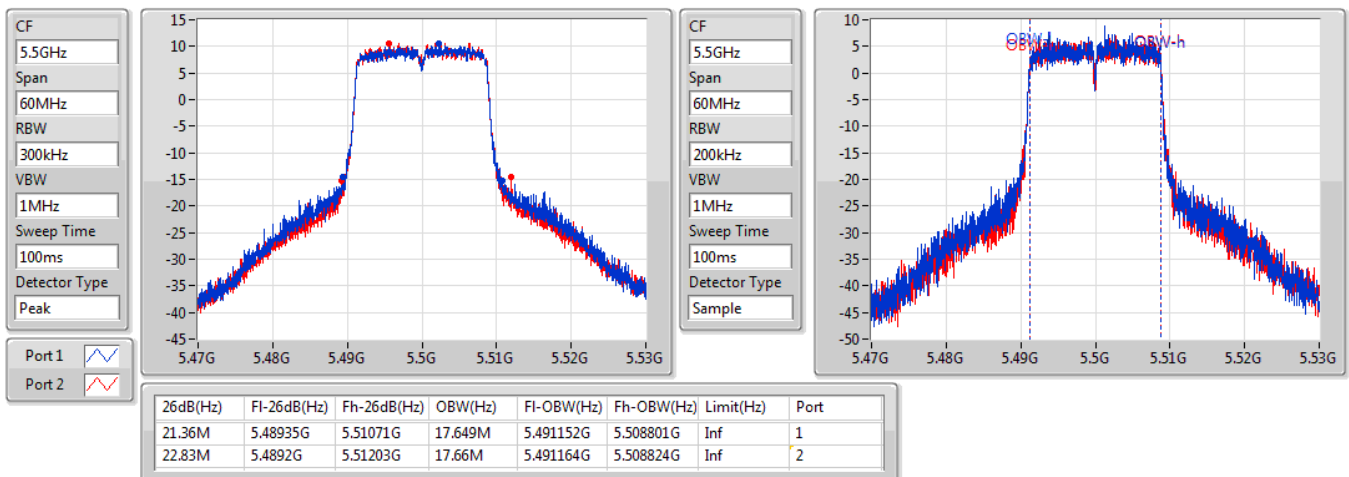


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5500MHz

30/07/2019

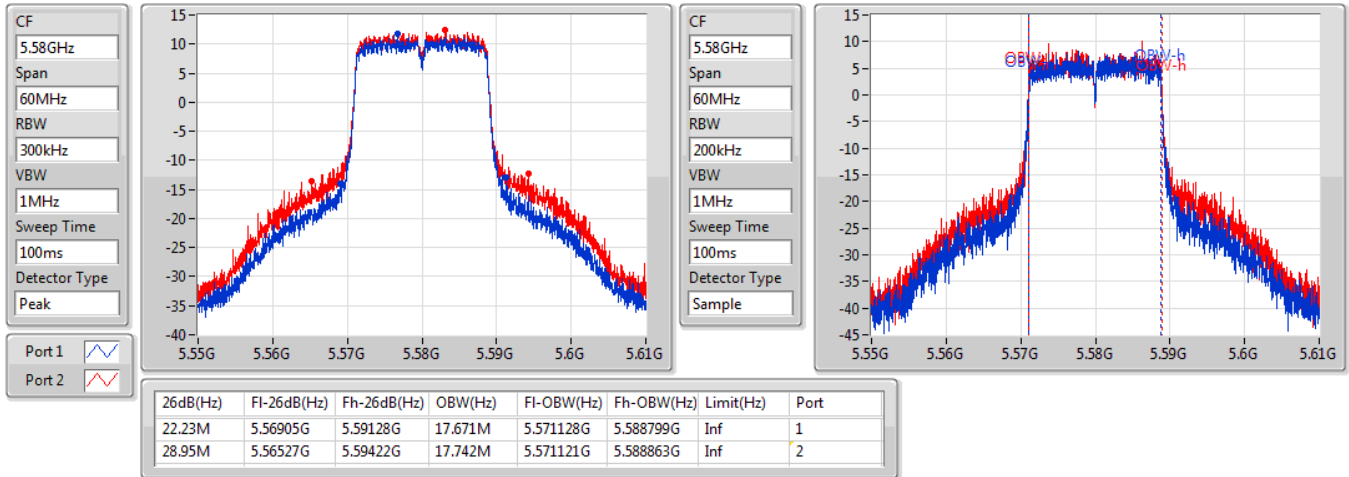


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

5580MHz

30/07/2019

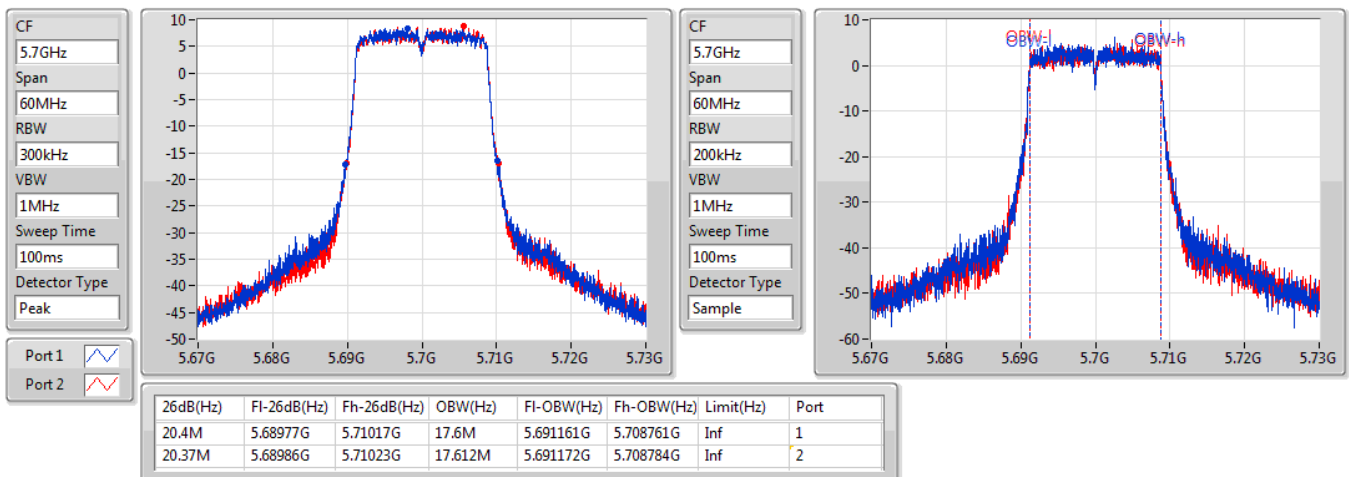


802.11ac VHT20_Nss1,(MCS0)_2TX

EBW

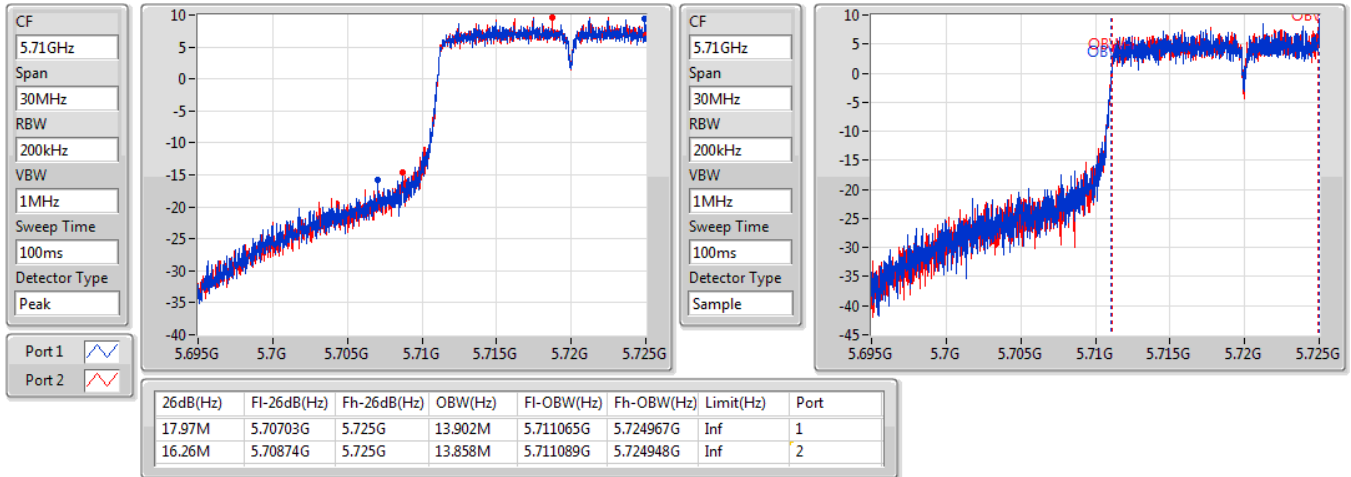
5700MHz

30/07/2019

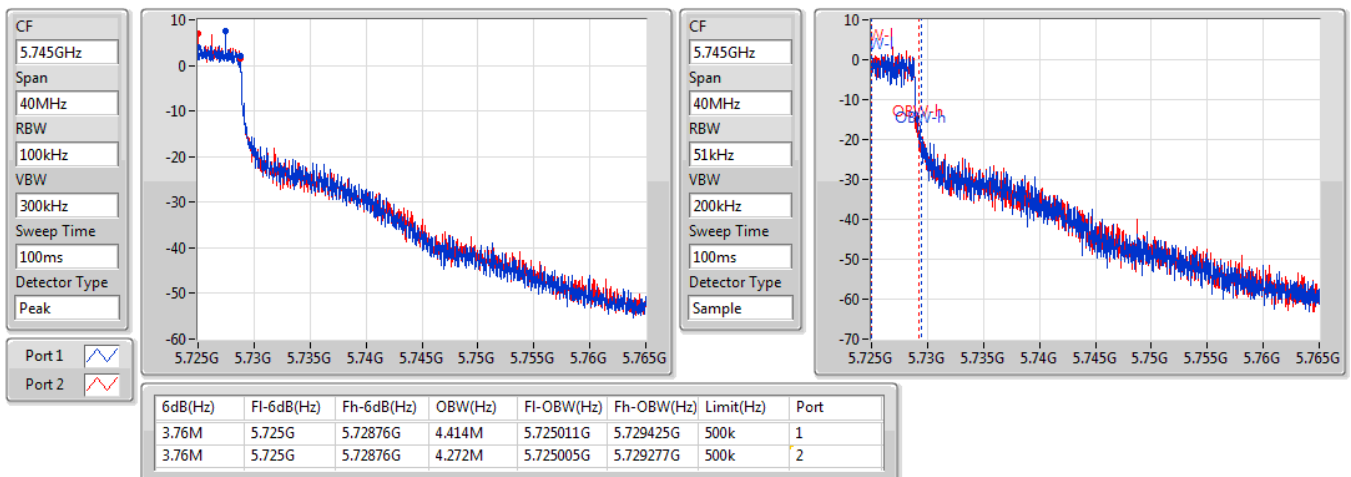


802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

03/08/2019

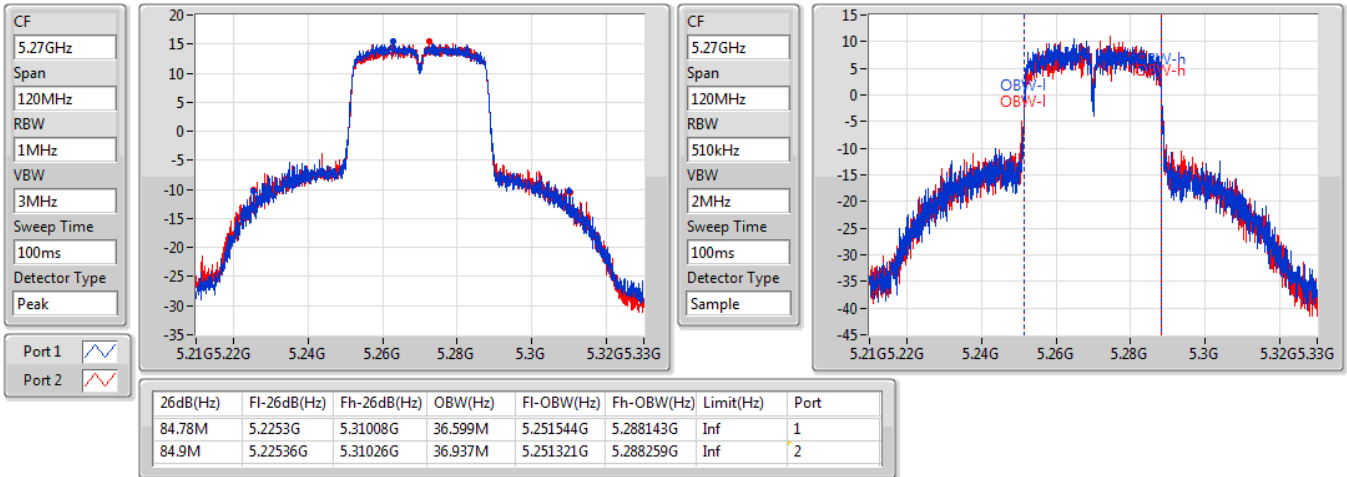

802.11ac VHT20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

03/08/2019

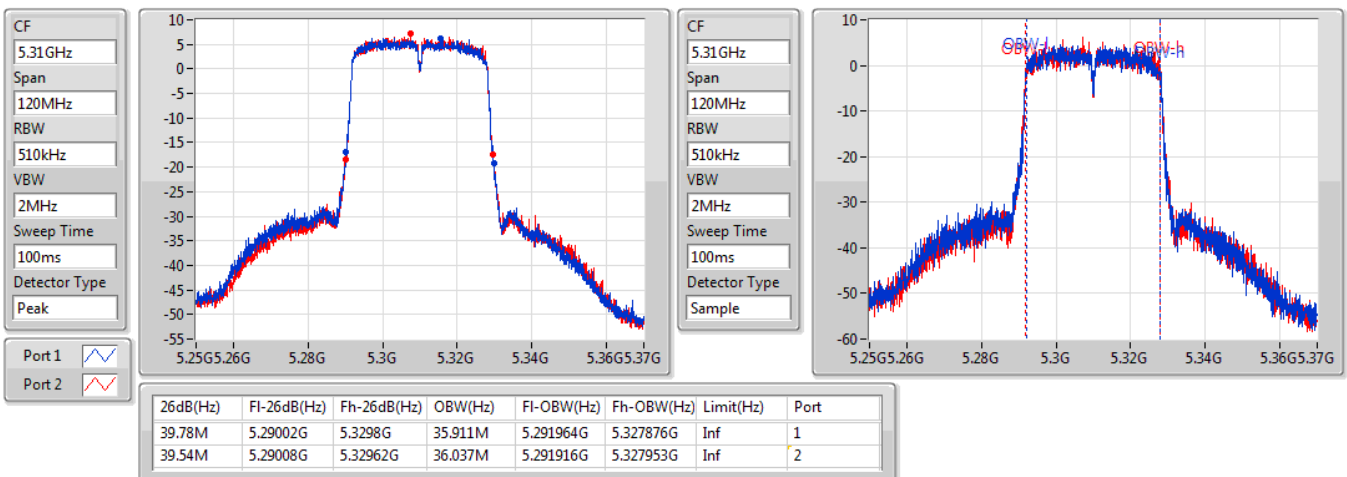


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5270MHz

30/07/2019

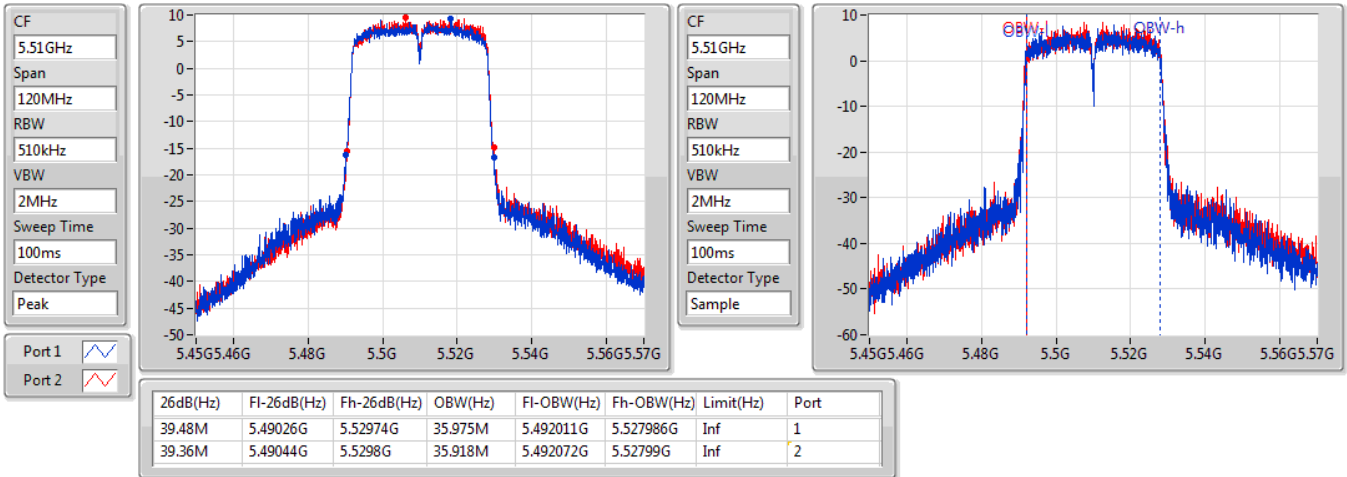

802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5310MHz

30/07/2019

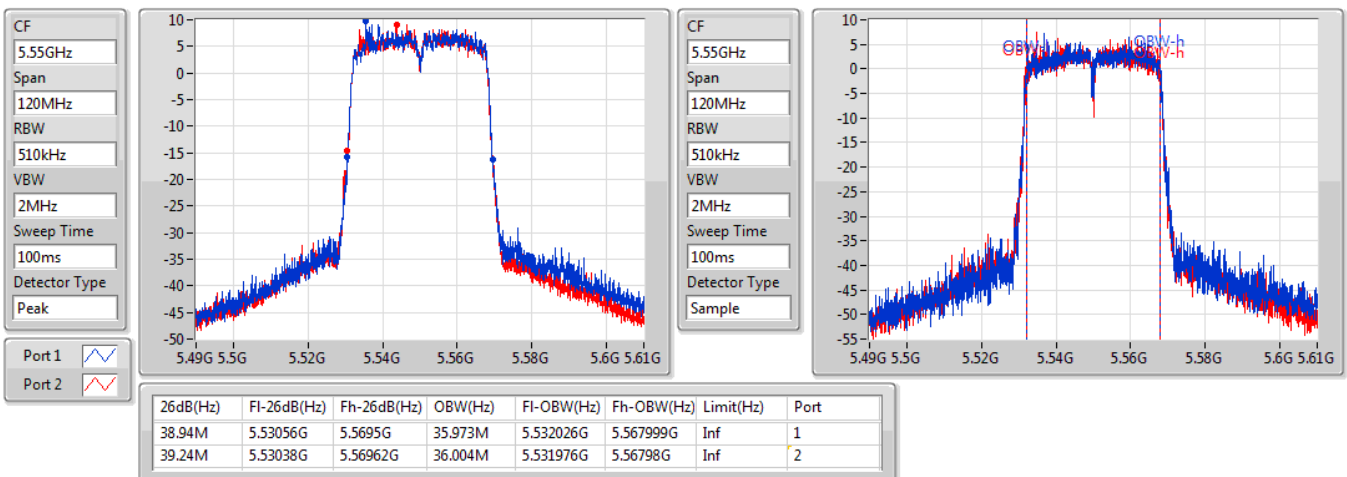


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5510MHz

30/07/2019


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5550MHz

30/07/2019

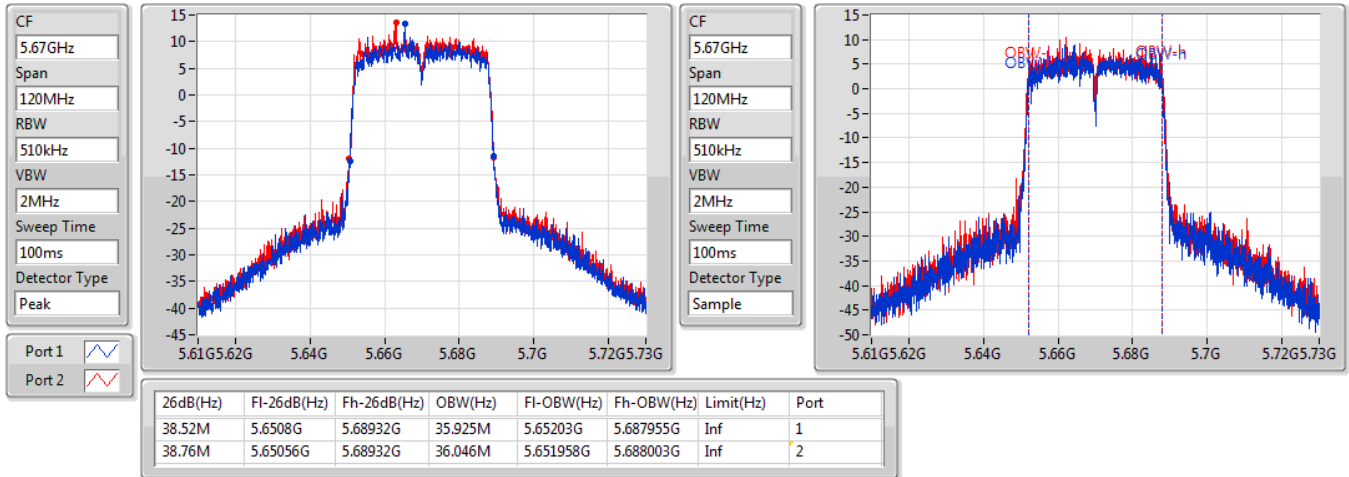


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

5670MHz

30/07/2019

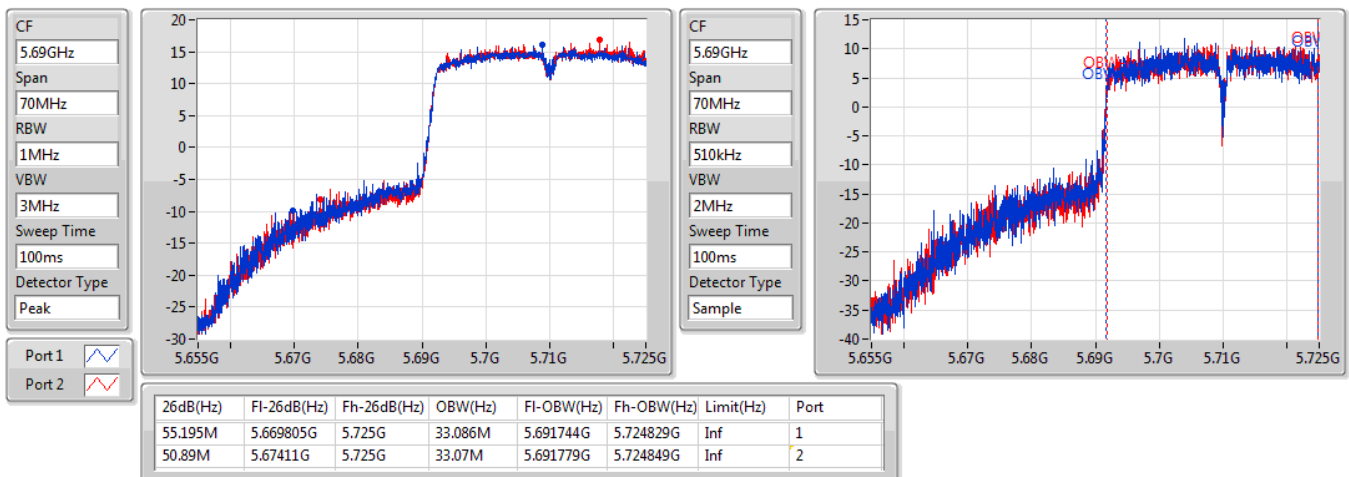


802.11ac VHT40_Nss1,(MCS0)_2TX

EBW

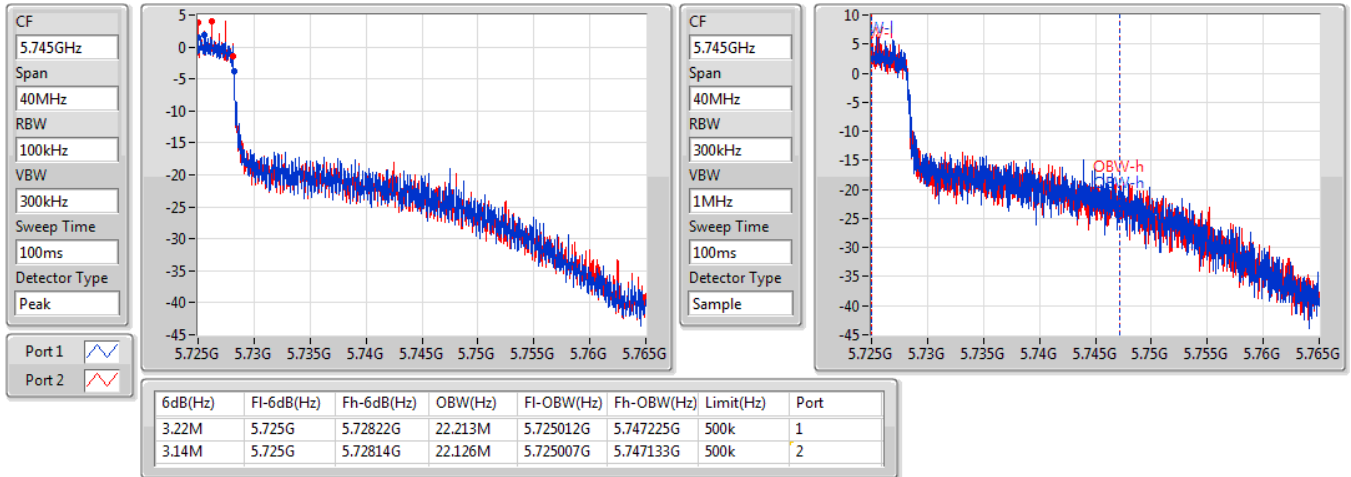
5710MHz Straddle 5.47-5.725GHz

03/08/2019

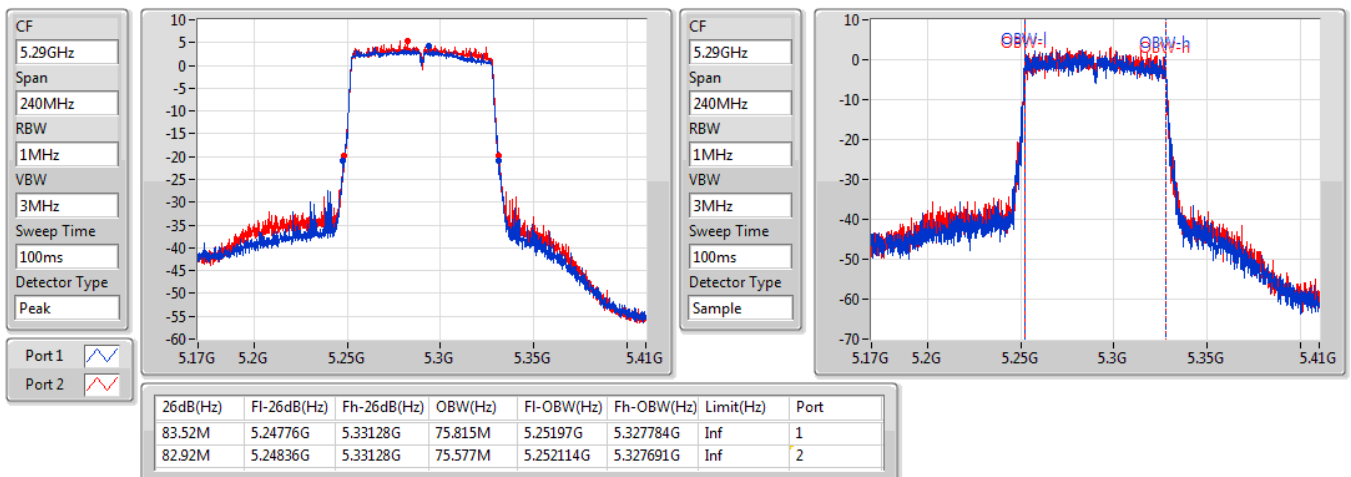


802.11ac VHT40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

03/08/2019

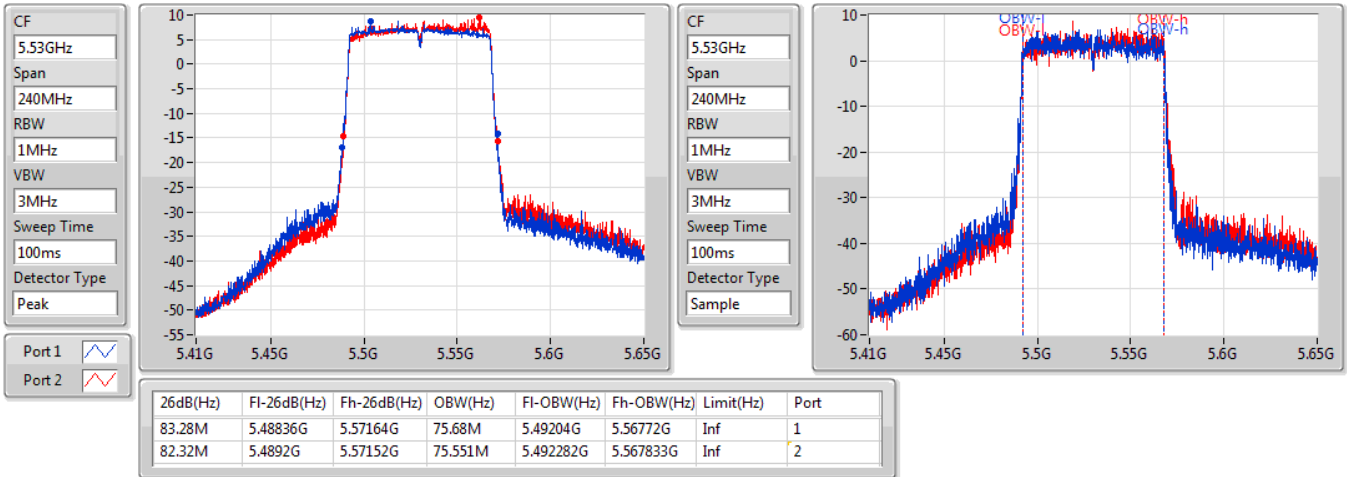

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5290MHz

30/07/2019

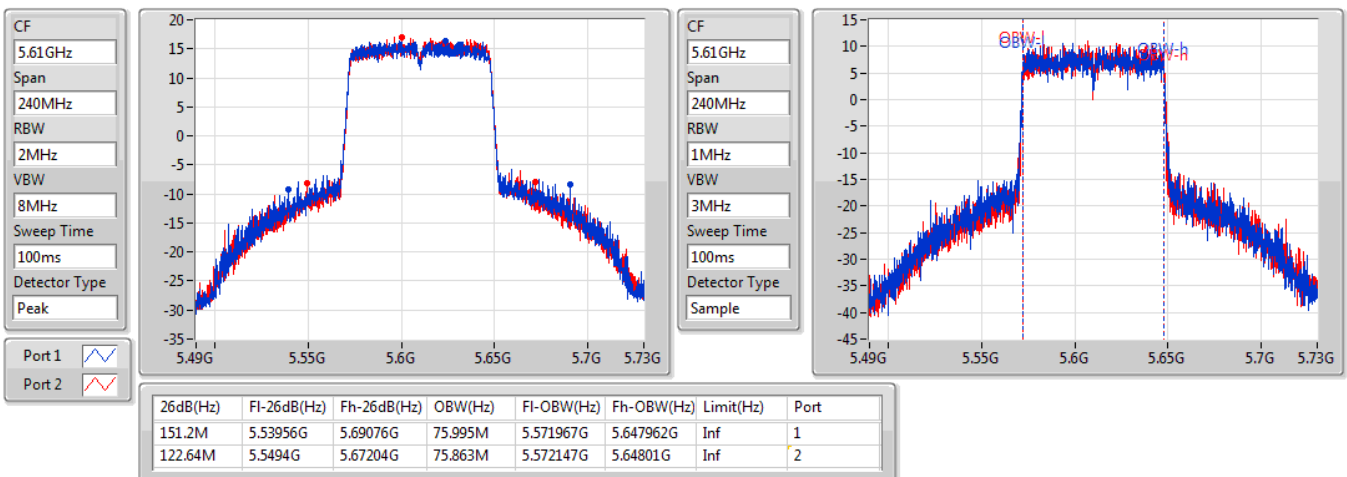


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5530MHz

30/07/2019

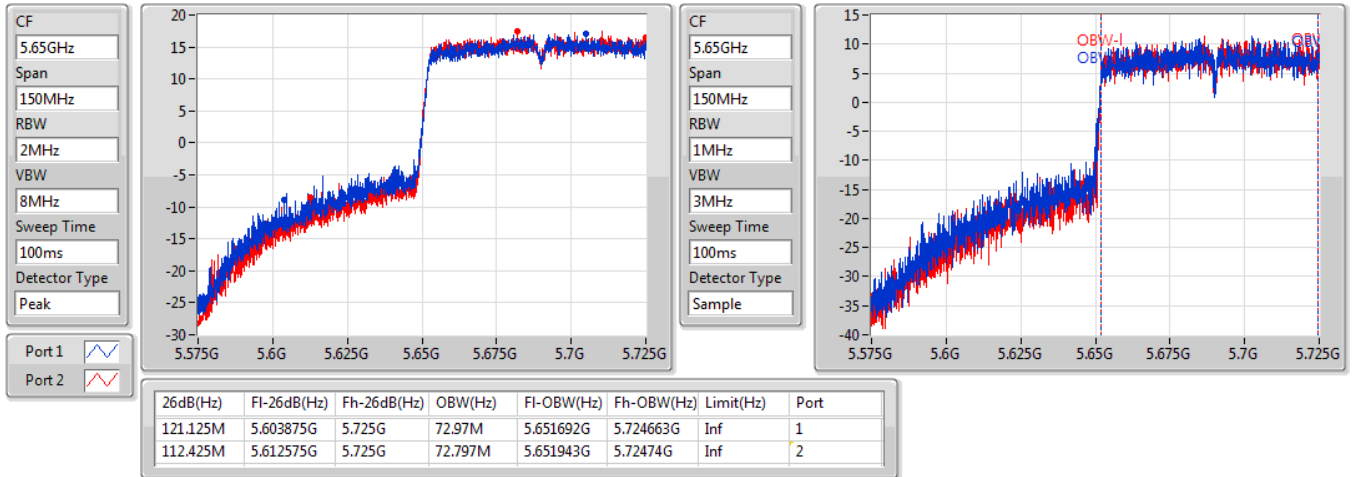

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5610MHz

30/07/2019

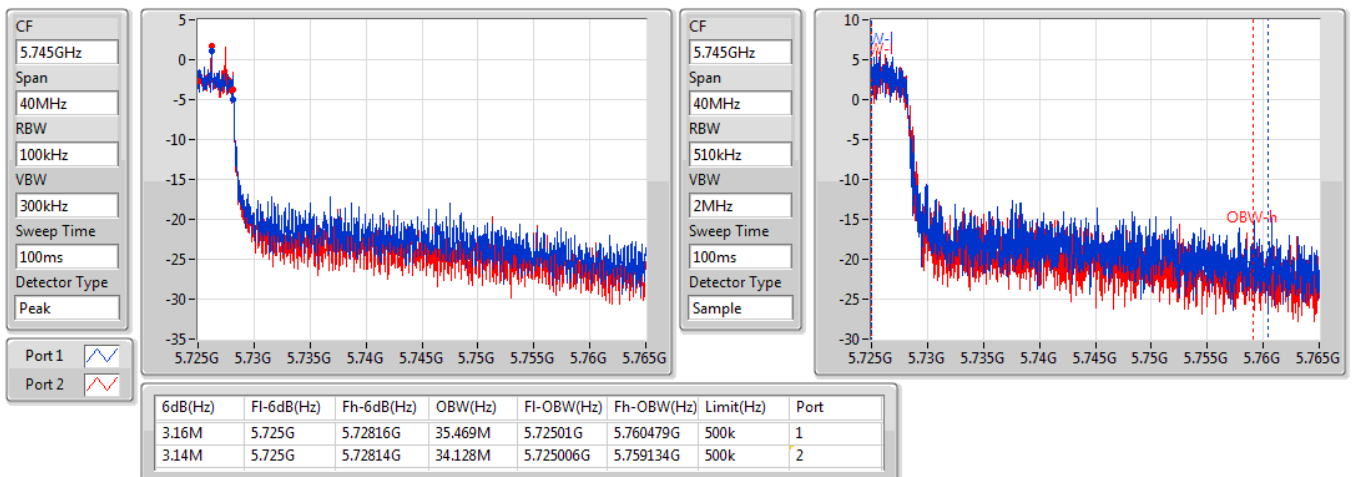


802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

03/08/2019

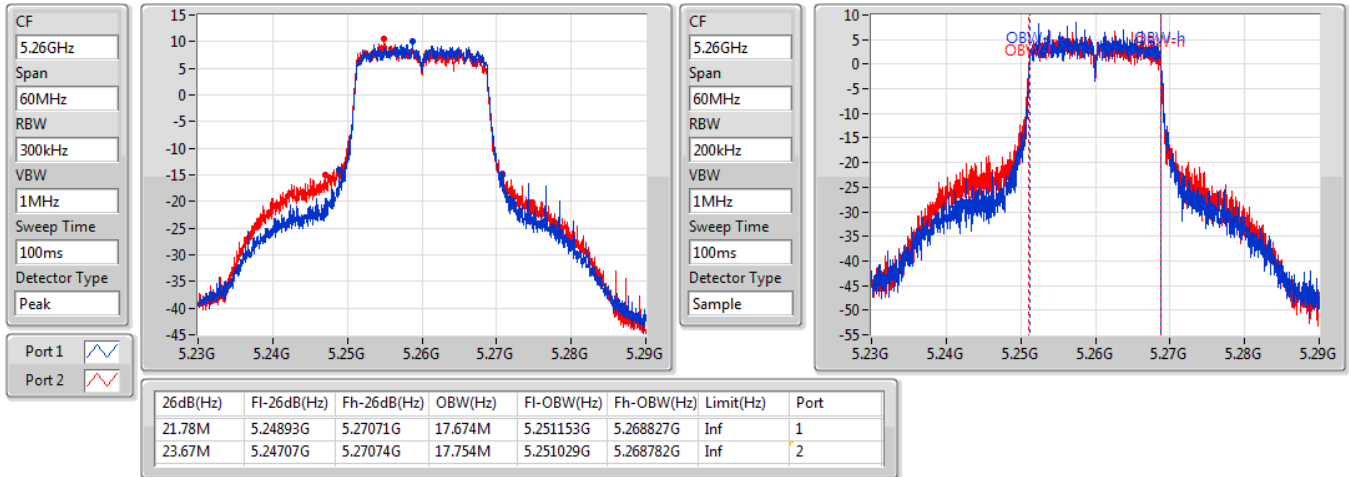

802.11ac VHT80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

03/08/2019

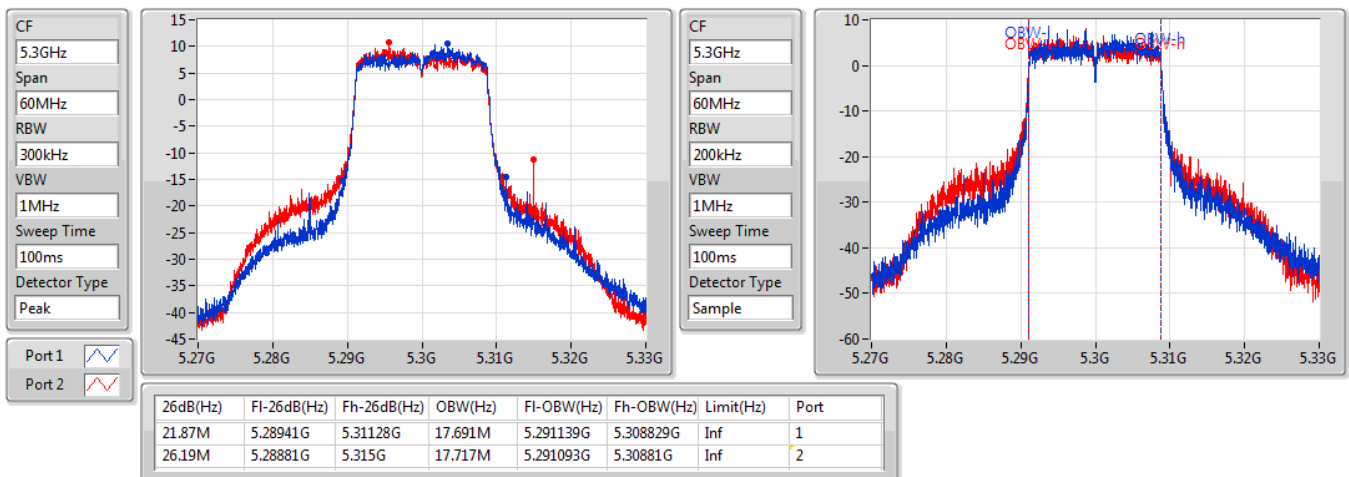


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5260MHz

30/07/2019

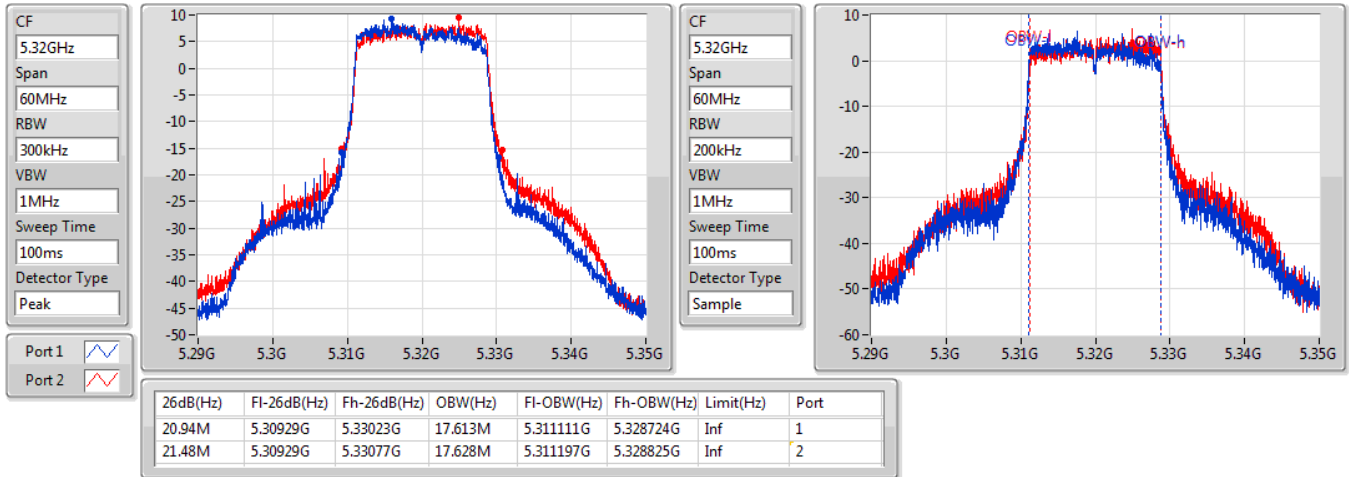

802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5300MHz

30/07/2019

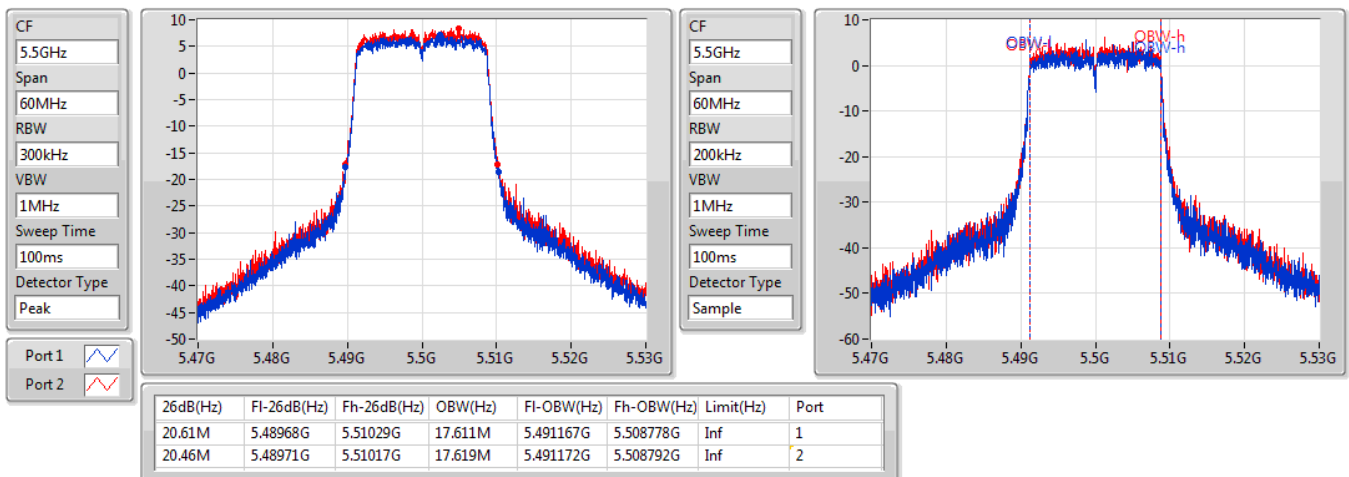


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5320MHz

30/07/2019


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

30/07/2019

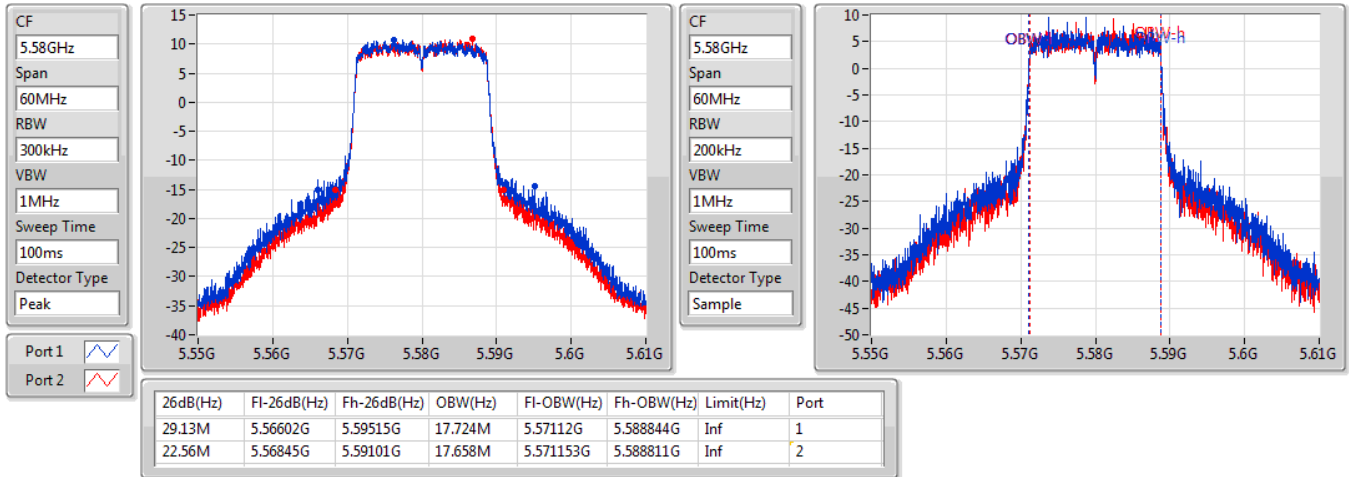


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

5580MHz

30/07/2019

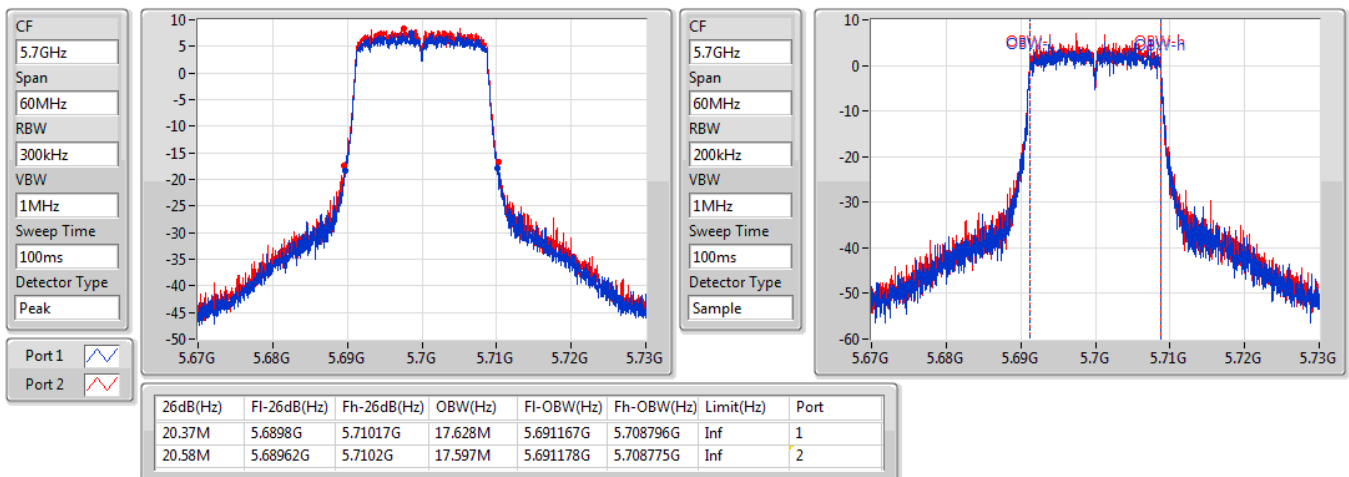


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

EBW

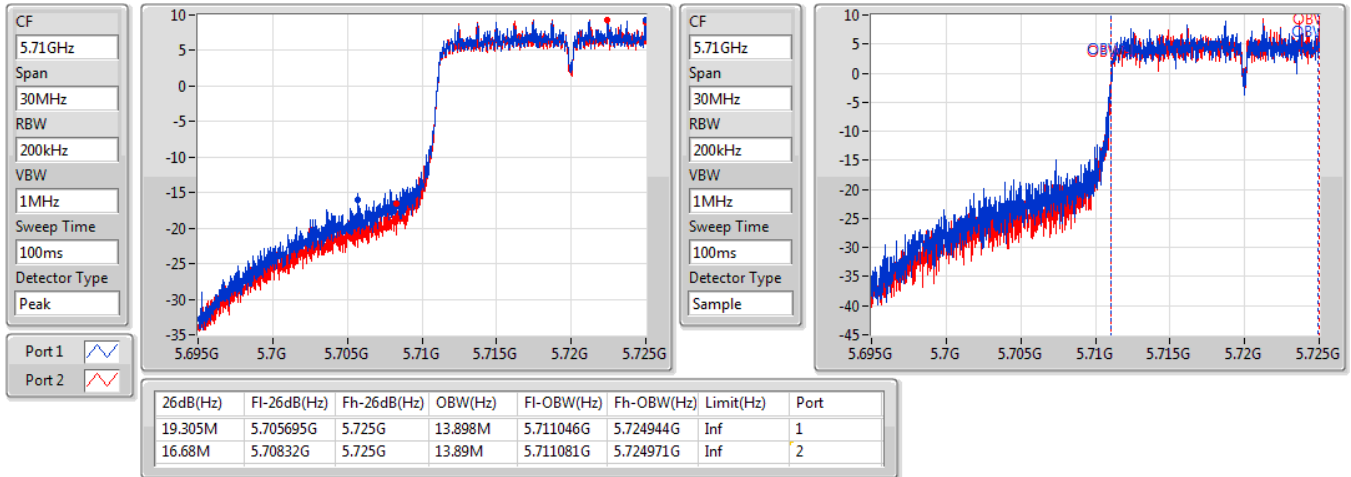
5700MHz

30/07/2019

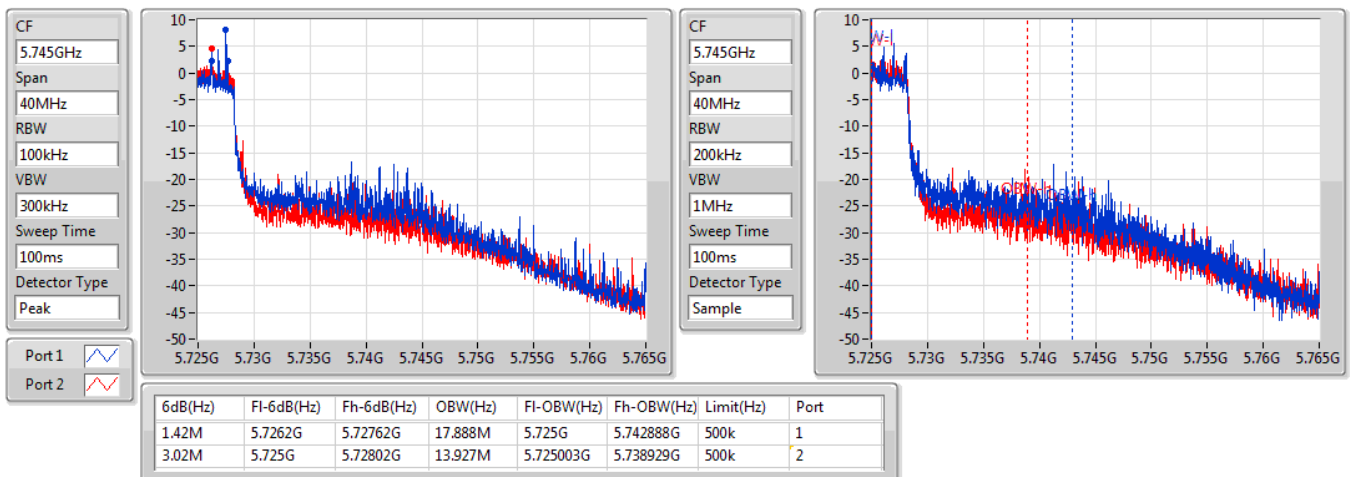


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

02/08/2019


802.11ac VHT20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

02/08/2019

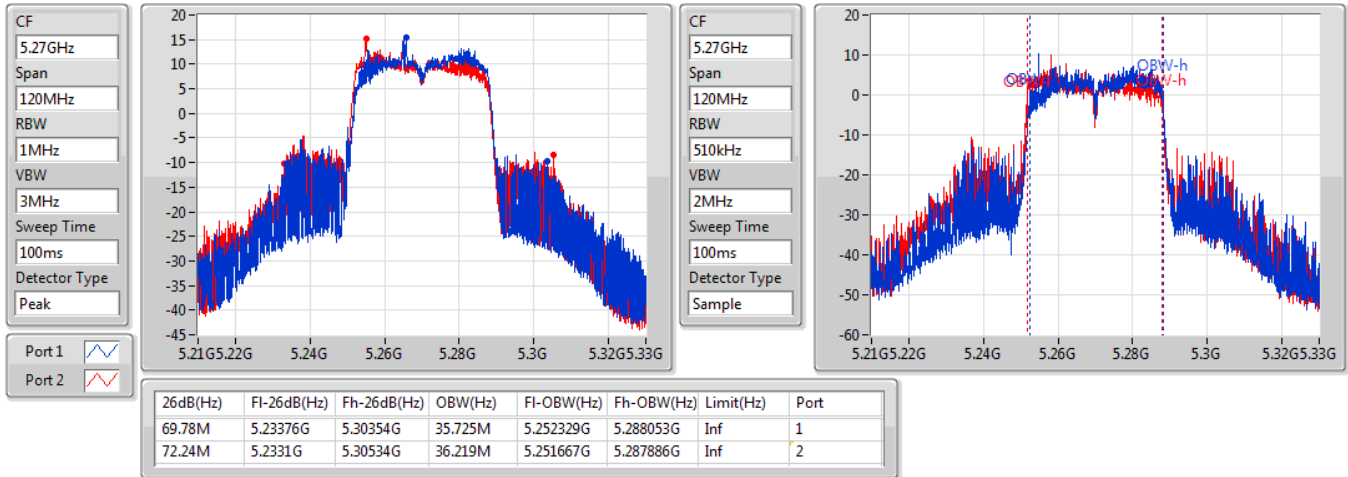


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5270MHz

30/07/2019

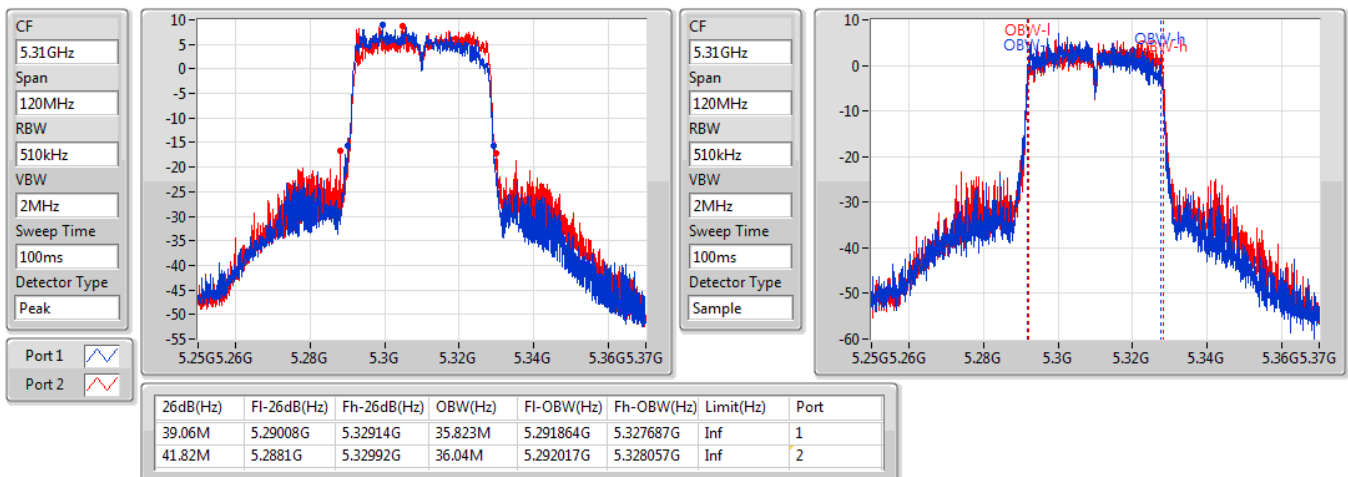


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

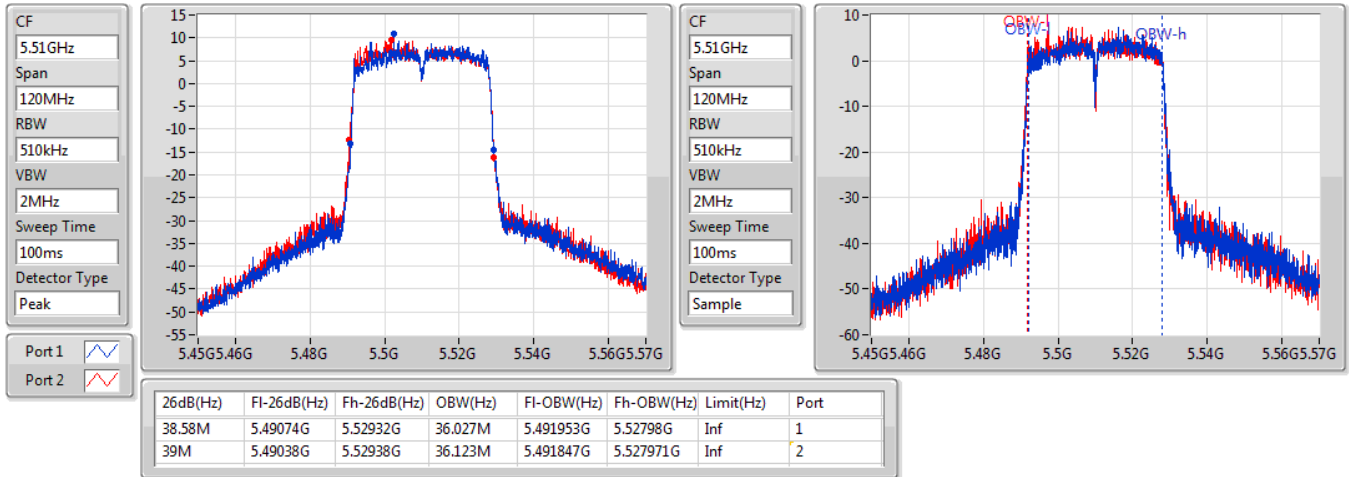
5310MHz

30/07/2019

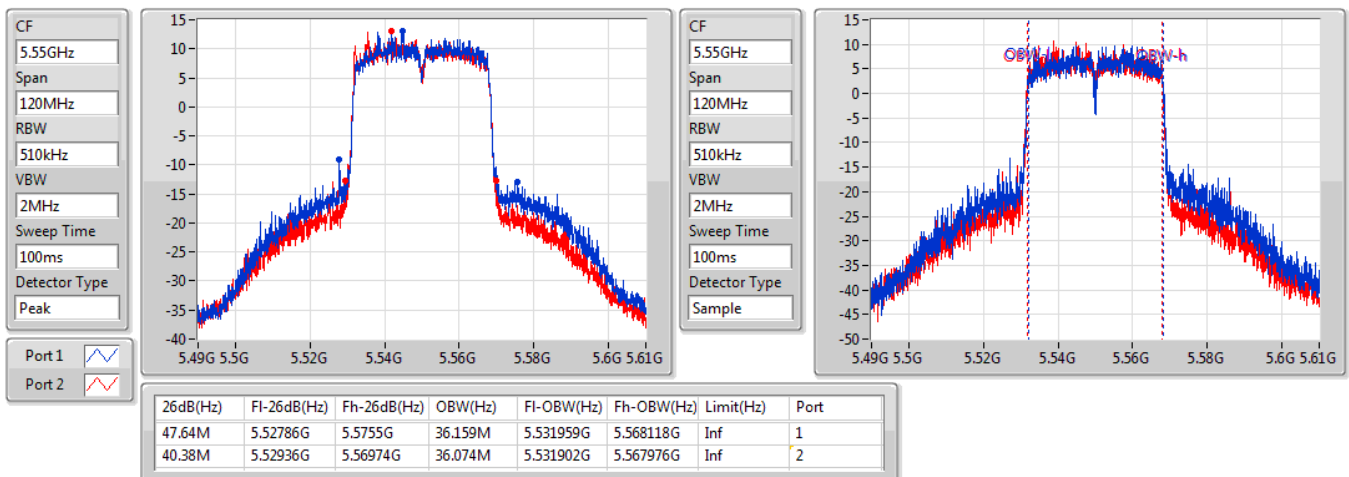


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

30/07/2019

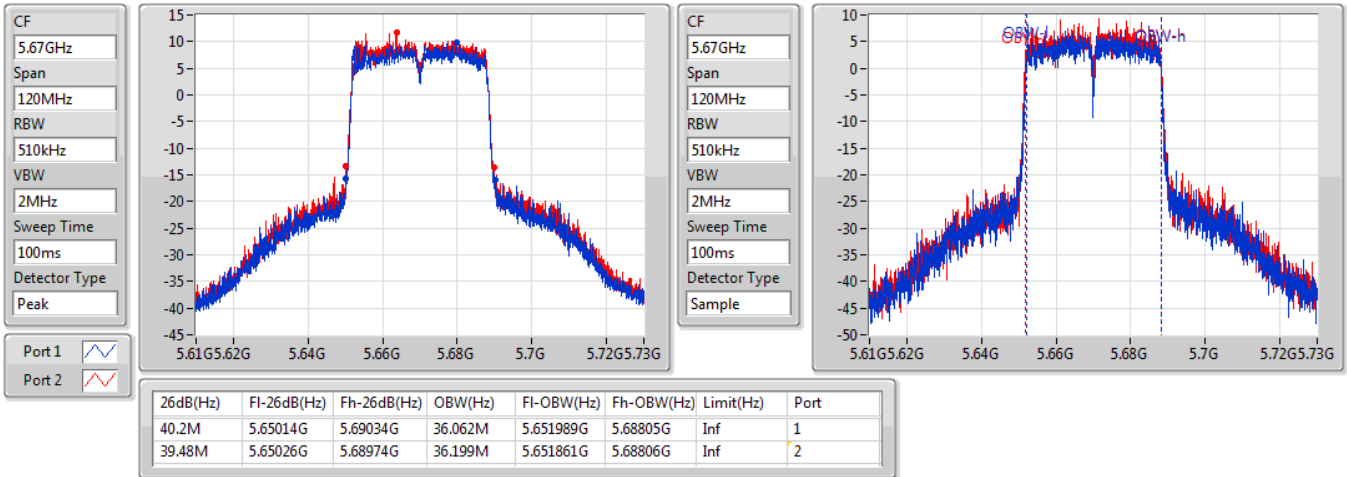

802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

30/07/2019

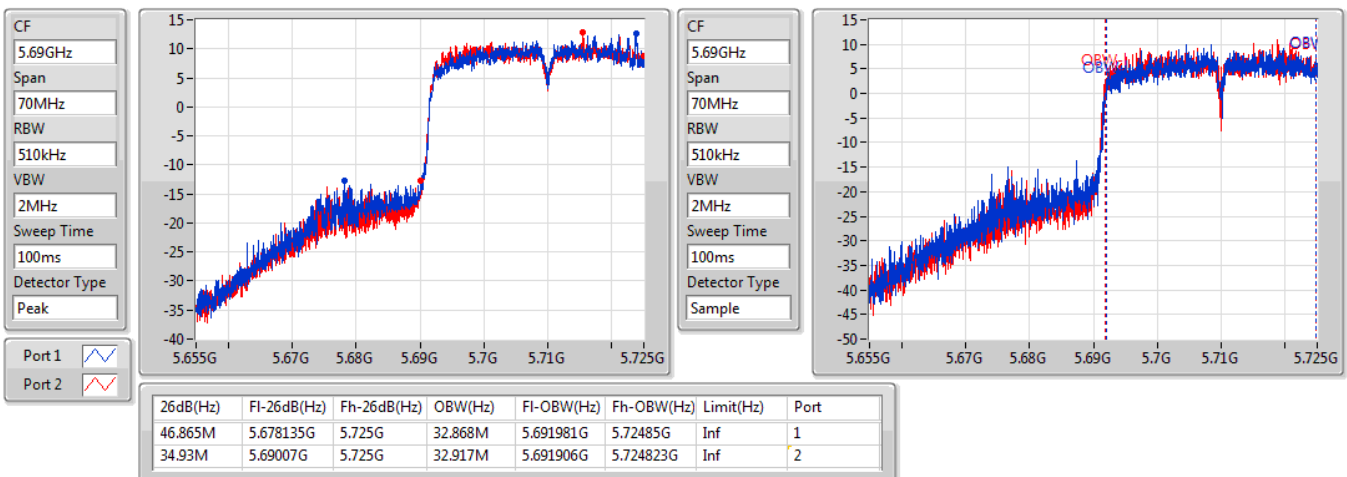


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

30/07/2019


802.11ac VHT40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

02/08/2019

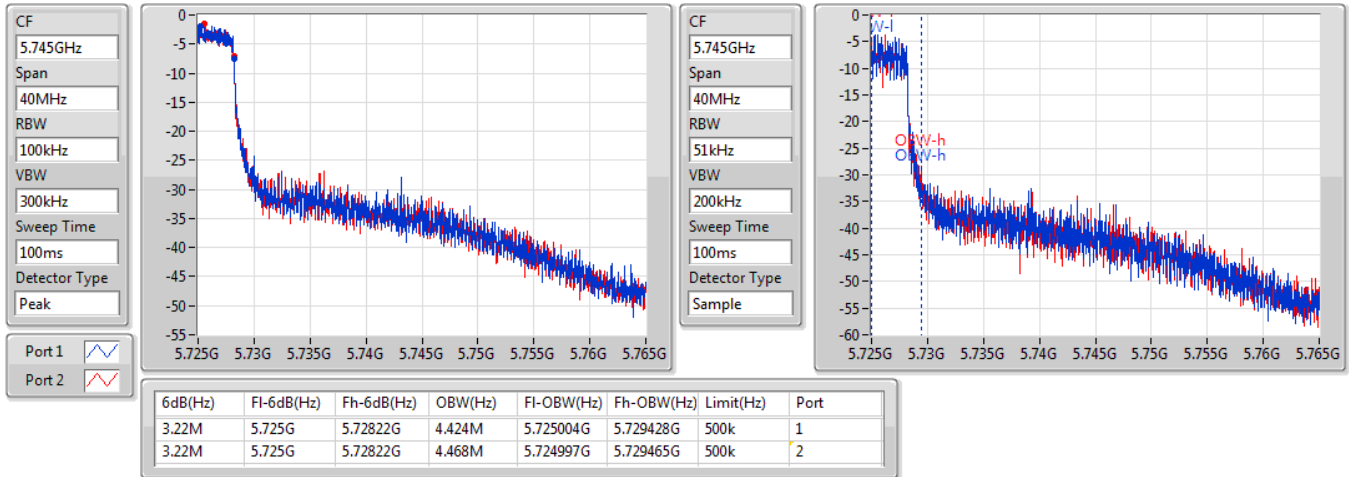


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

EBW

5710MHz Straddle 5.725-5.85GHz

03/08/2019

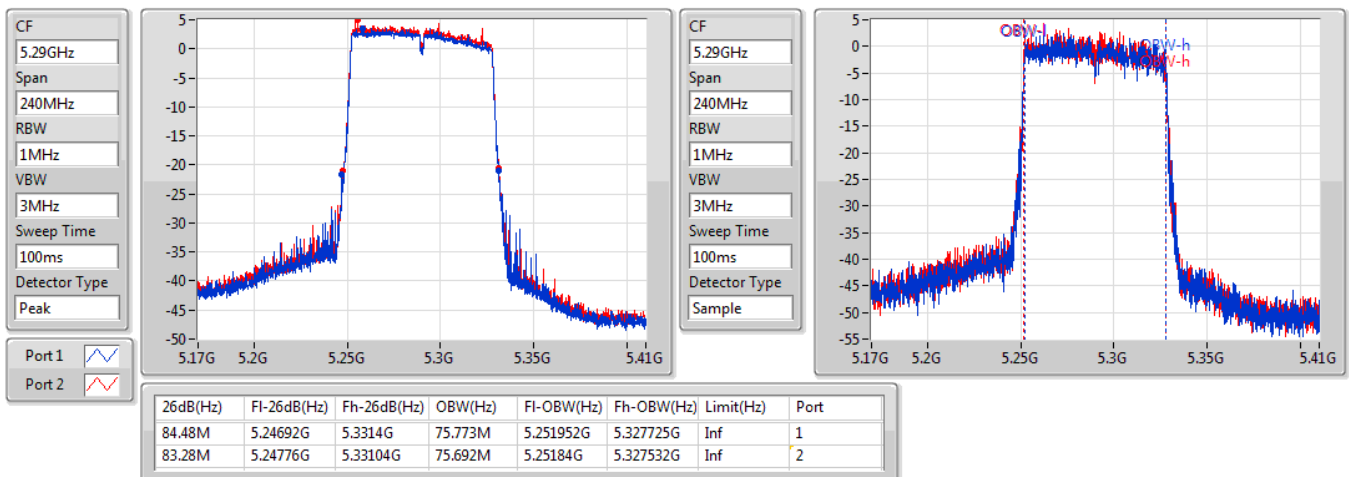


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

EBW

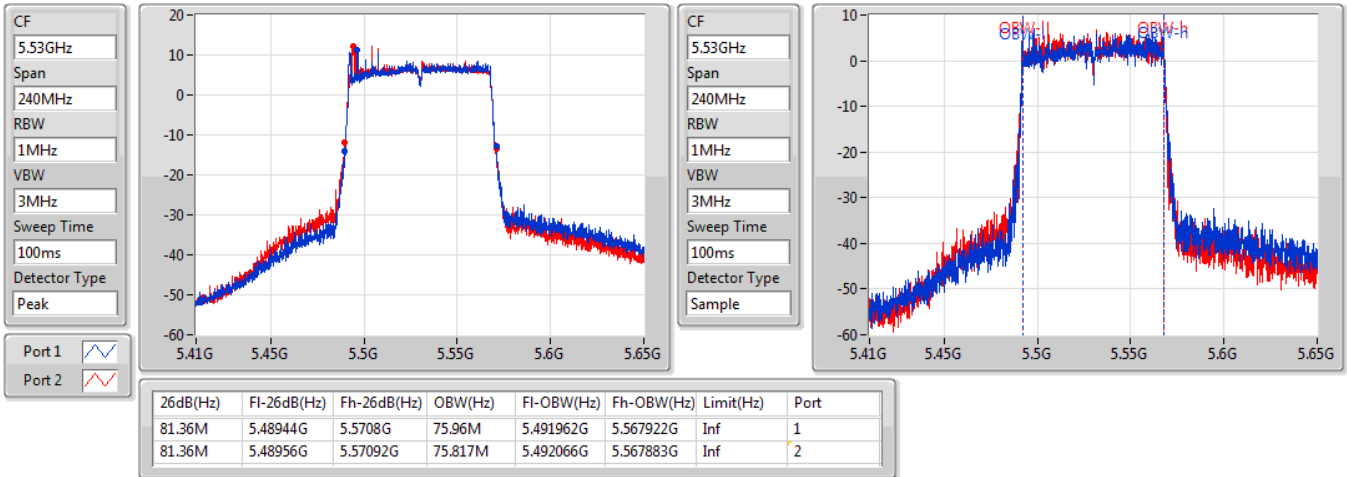
5290MHz

03/08/2019

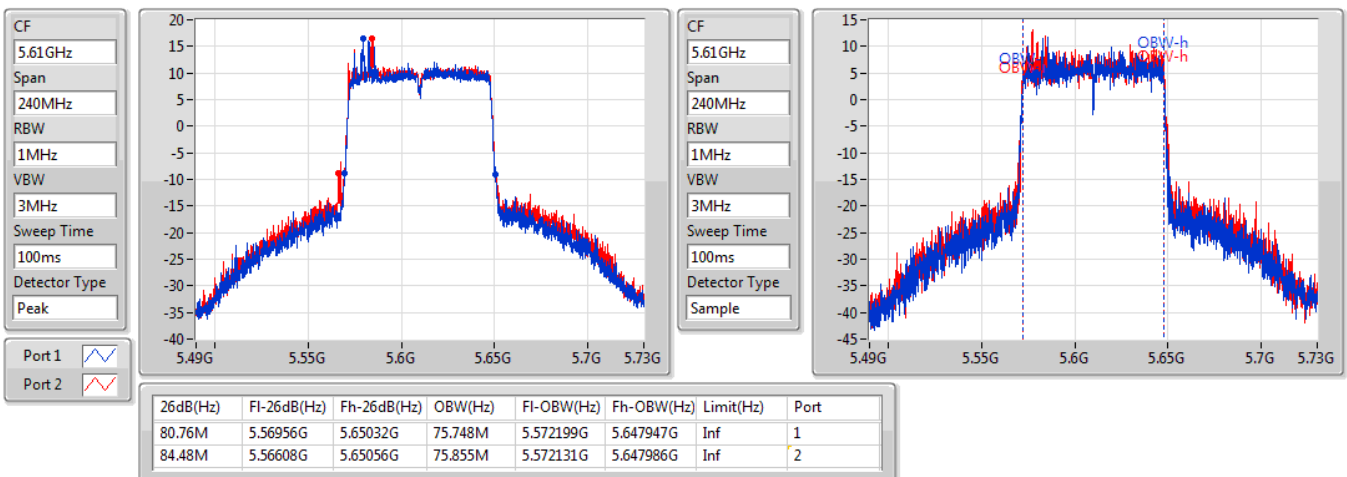


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

30/07/2019

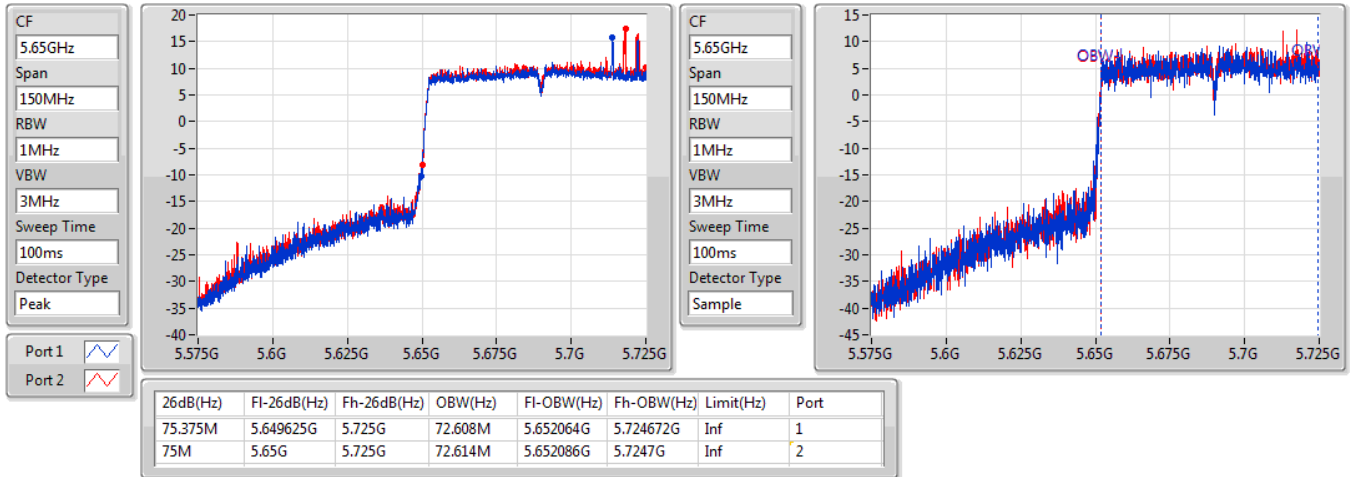

802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

30/07/2019

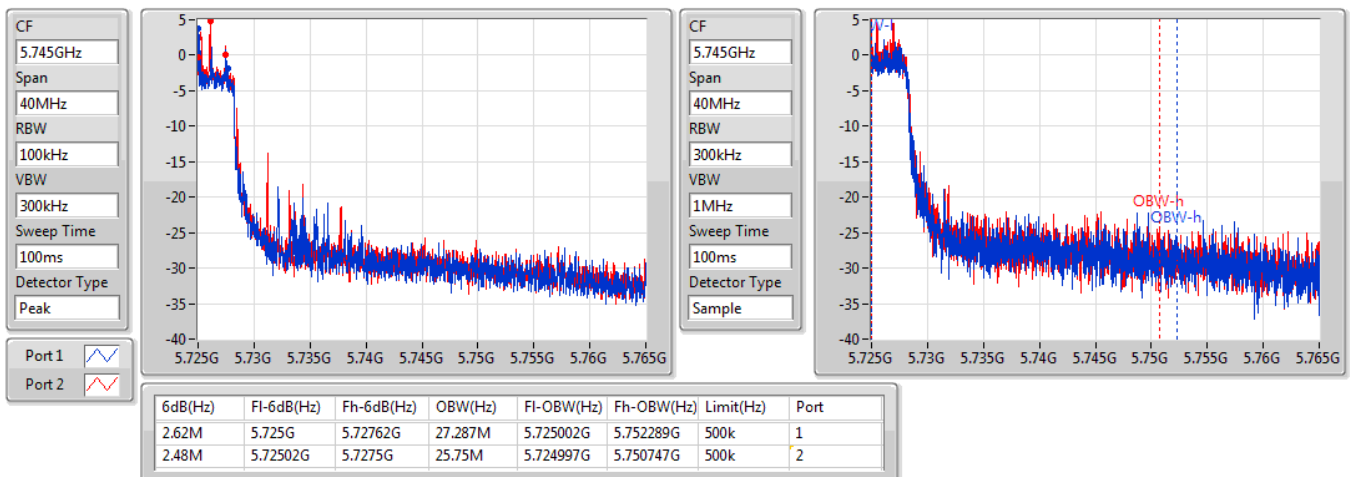


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

02/08/2019


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

02/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.29	0.21330
802.11ac VHT20_Nss1,(MCS0)_2TX	23.97	0.24946
802.11ac VHT40_Nss1,(MCS0)_2TX	23.88	0.24434
802.11ac VHT80_Nss1,(MCS0)_2TX	16.58	0.04550
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.51	0.14158
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	19.23	0.08375
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.40	0.03467
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.62	0.23014
802.11ac VHT20_Nss1,(MCS0)_2TX	23.84	0.24210
802.11ac VHT40_Nss1,(MCS0)_2TX	23.70	0.23442
802.11ac VHT80_Nss1,(MCS0)_2TX	23.80	0.23988
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.38	0.21777
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.21	0.20941
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	23.08	0.20324
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	14.33	0.02710
802.11ac VHT20_Nss1,(MCS0)_2TX	15.16	0.03281
802.11ac VHT40_Nss1,(MCS0)_2TX	11.68	0.01472
802.11ac VHT80_Nss1,(MCS0)_2TX	9.08	0.00809
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.57	0.01140
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	10.95	0.01245
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	8.23	0.00665

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.20	20.31	20.24	23.29	23.98
5300MHz	Pass	5.20	19.81	19.03	22.45	23.98
5320MHz	Pass	5.20	17.83	17.98	20.92	23.98
5500MHz	Pass	5.85	19.70	19.78	22.75	23.98
5580MHz	Pass	5.85	20.28	20.92	23.62	23.98
5700MHz	Pass	5.85	18.37	18.21	21.30	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	18.35	18.45	21.41	23.03
5720MHz Straddle 5.725-5.85GHz	Pass	5.85	11.25	11.38	14.33	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.20	21.34	20.54	23.97	23.98
5300MHz	Pass	5.20	19.19	19.31	22.26	23.98
5320MHz	Pass	5.20	17.92	18.05	21.00	23.98
5500MHz	Pass	5.85	19.69	19.73	22.72	23.98
5580MHz	Pass	5.85	20.44	21.18	23.84	23.98
5700MHz	Pass	5.85	17.58	17.34	20.47	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	18.52	18.64	21.59	23.11
5720MHz Straddle 5.725-5.85GHz	Pass	5.85	11.90	12.39	15.16	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.20	21.03	20.70	23.88	23.98
5310MHz	Pass	5.20	15.78	15.88	18.84	23.98
5510MHz	Pass	5.85	17.95	18.23	21.10	23.98
5550MHz	Pass	5.85	20.33	21.02	23.70	23.98
5670MHz	Pass	5.85	20.11	20.01	23.07	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.85	20.67	20.67	23.68	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.85	8.69	8.64	11.68	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.20	13.32	13.81	16.58	23.98
5530MHz	Pass	5.85	17.25	17.60	20.44	23.98
5610MHz	Pass	5.85	20.53	20.65	23.60	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.85	20.79	20.78	23.80	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.85	6.08	6.05	9.08	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.20	18.72	18.22	21.49	23.98
5300MHz	Pass	5.20	18.52	18.48	21.51	23.98
5320MHz	Pass	5.20	17.09	17.15	20.13	23.98
5500MHz	Pass	5.85	17.05	17.65	20.37	23.98
5580MHz	Pass	5.85	20.39	20.35	23.38	23.98
5700MHz	Pass	5.85	16.82	17.80	20.35	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	18.12	18.25	21.20	23.22
5720MHz Straddle 5.725-5.85GHz	Pass	5.85	7.29	7.82	10.57	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.20	16.61	15.79	19.23	23.98



Average Power

Appendix B

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5310MHz	Pass	5.20	15.52	15.56	18.55	23.98
5510MHz	Pass	5.85	16.64	16.89	19.78	23.98
5550MHz	Pass	5.85	20.26	20.13	23.21	23.98
5670MHz	Pass	5.85	18.27	18.54	21.42	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.85	18.52	18.67	21.61	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.85	7.99	7.89	10.95	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.20	12.29	12.49	15.40	23.98
5530MHz	Pass	5.85	16.55	16.90	19.74	23.98
5610MHz	Pass	5.85	19.71	20.40	23.08	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.85	18.03	18.52	21.29	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.85	4.96	5.46	8.23	30.00

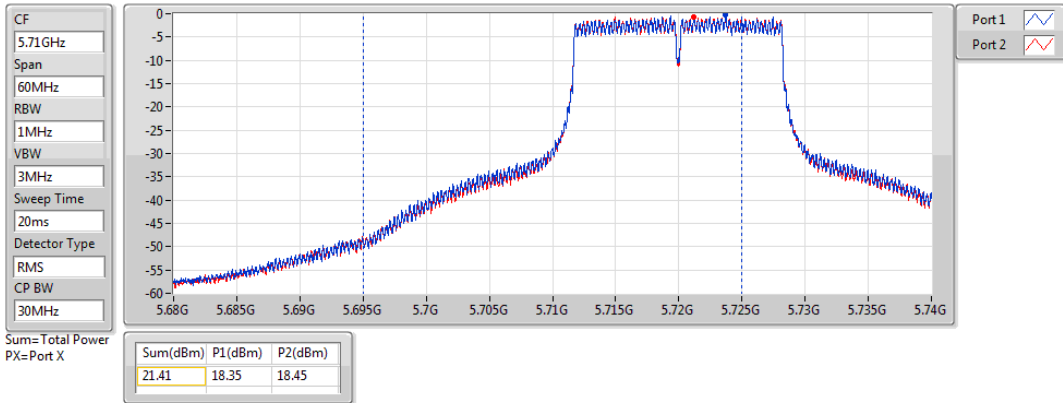
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

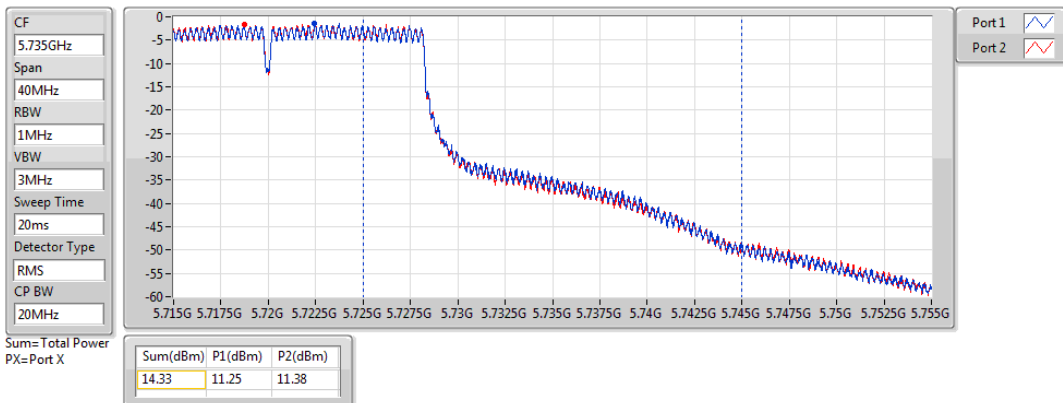


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

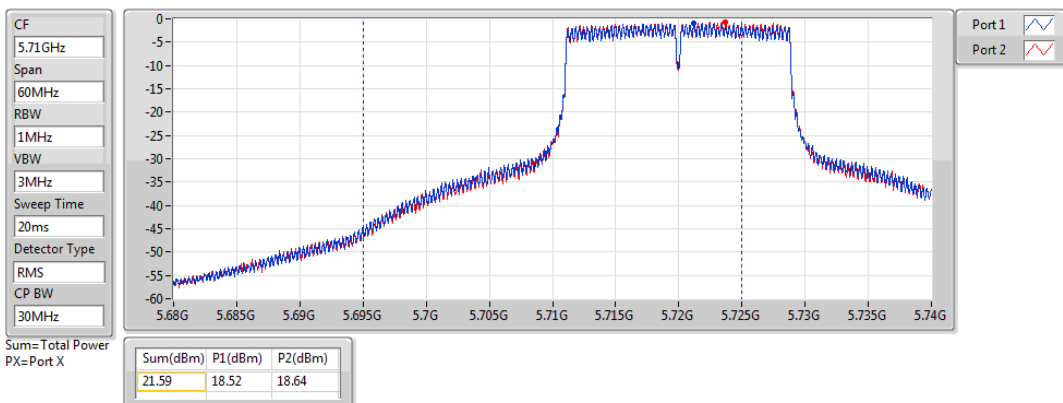


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

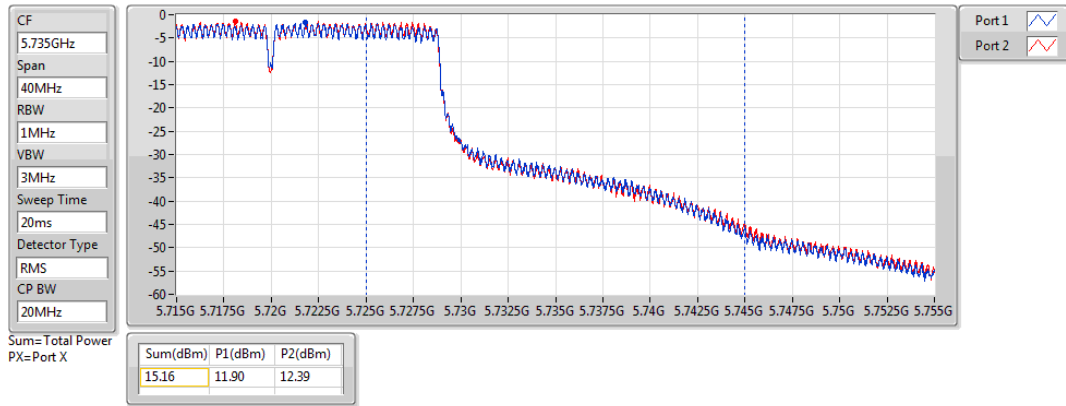


802.11ac VHT20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

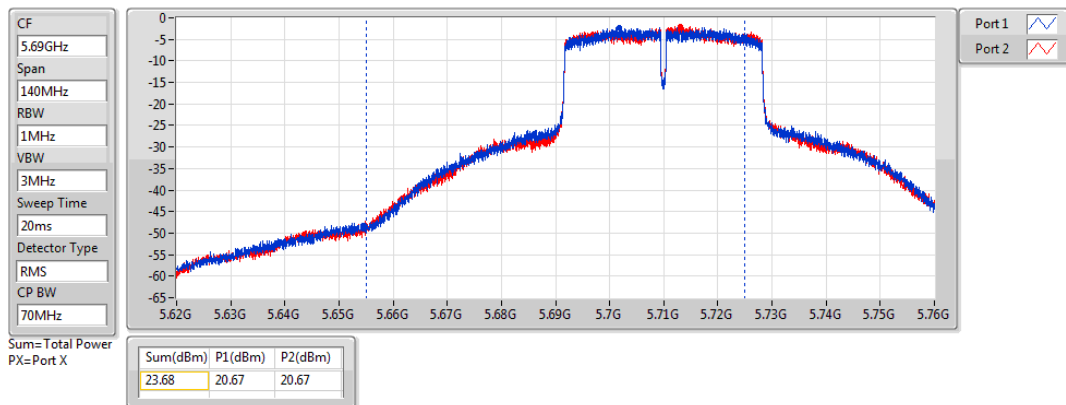


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/08/2019

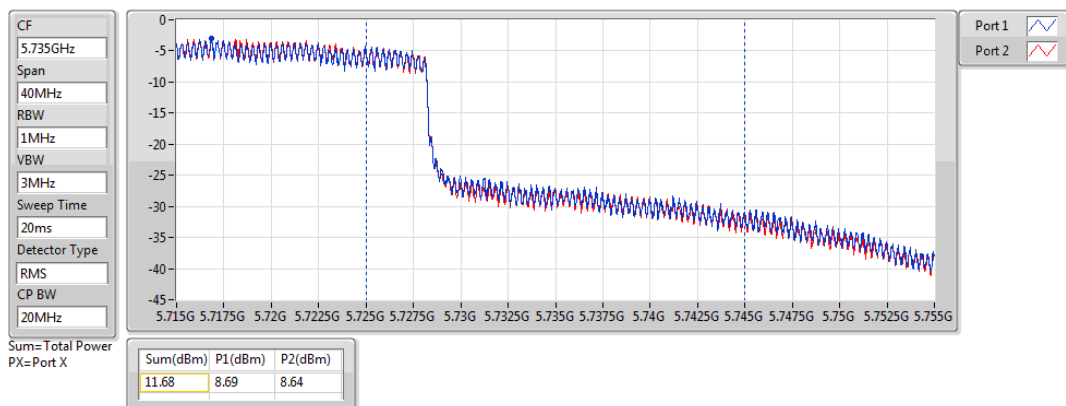


802.11ac VHT40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/08/2019

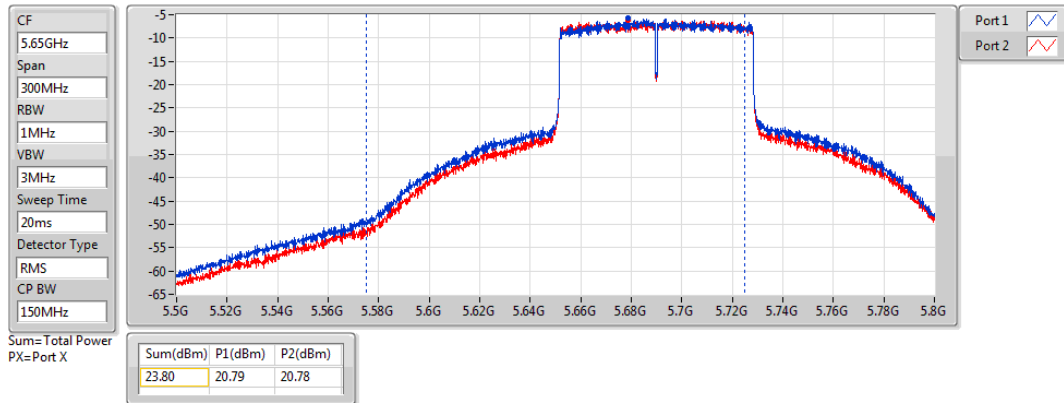


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/08/2019

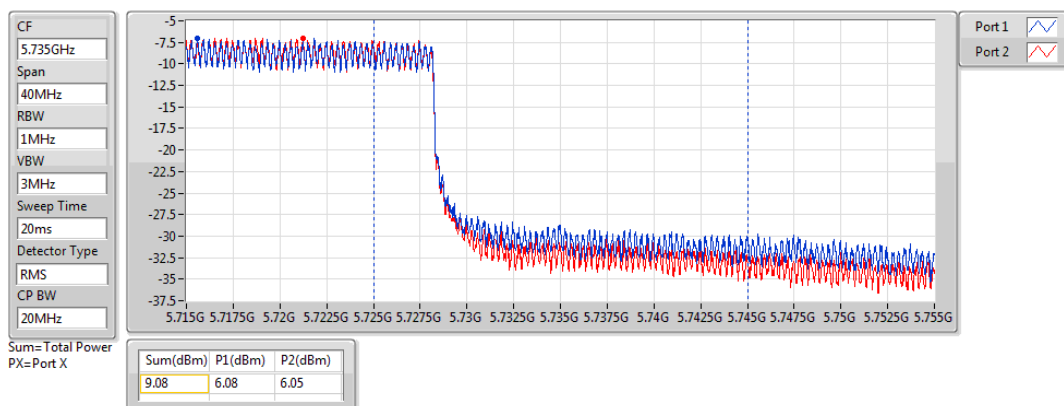


802.11ac VHT80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/08/2019

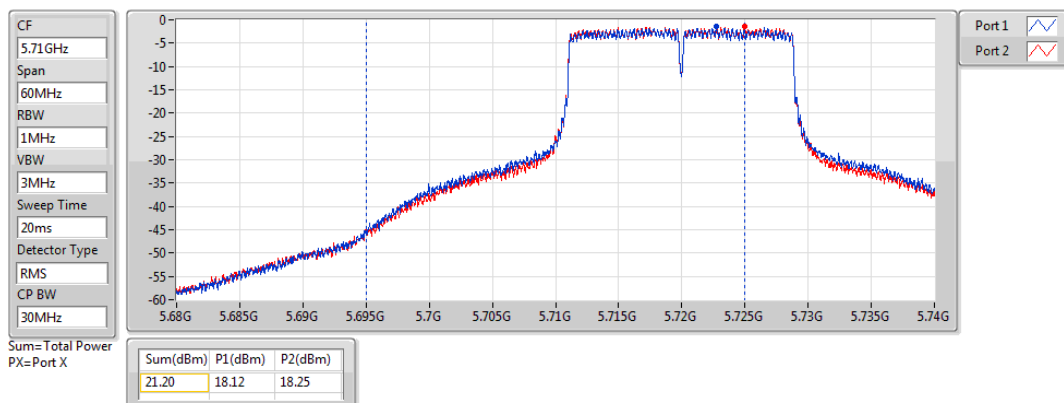


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

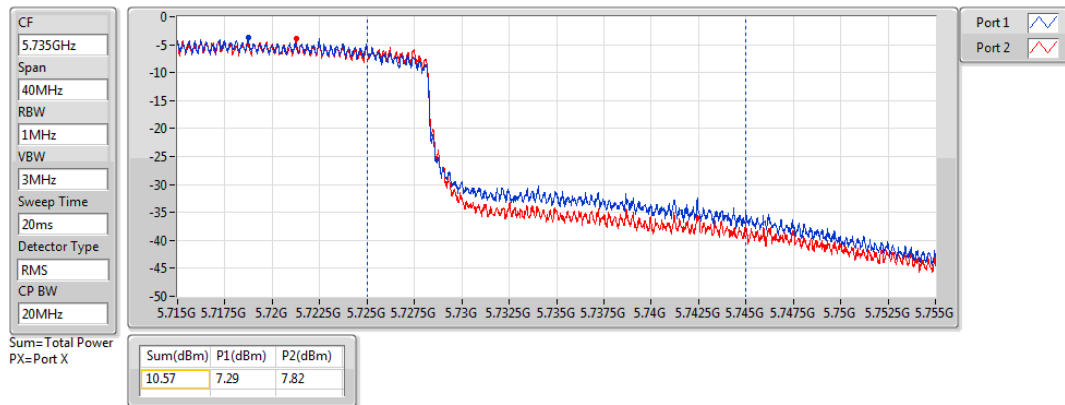


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

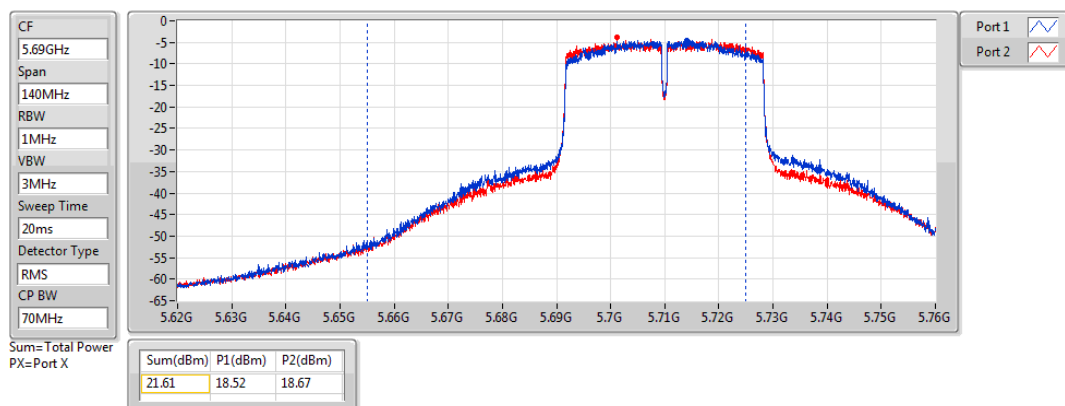


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/08/2019

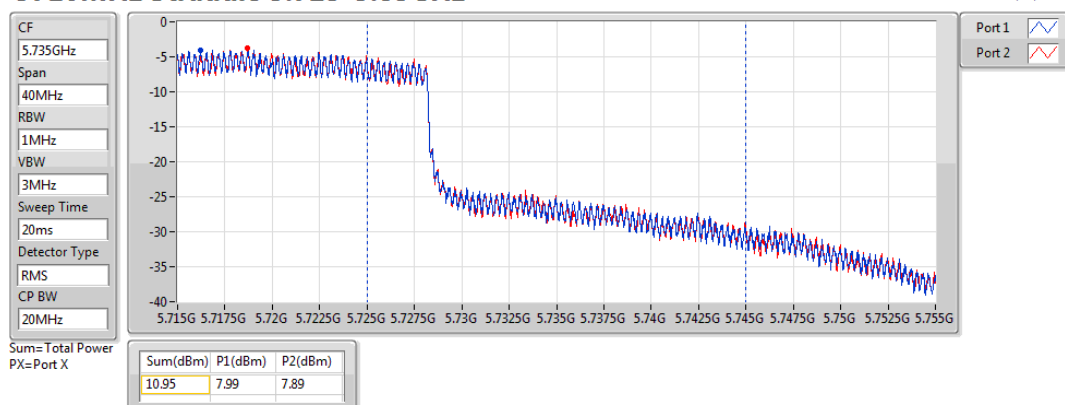


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/08/2019

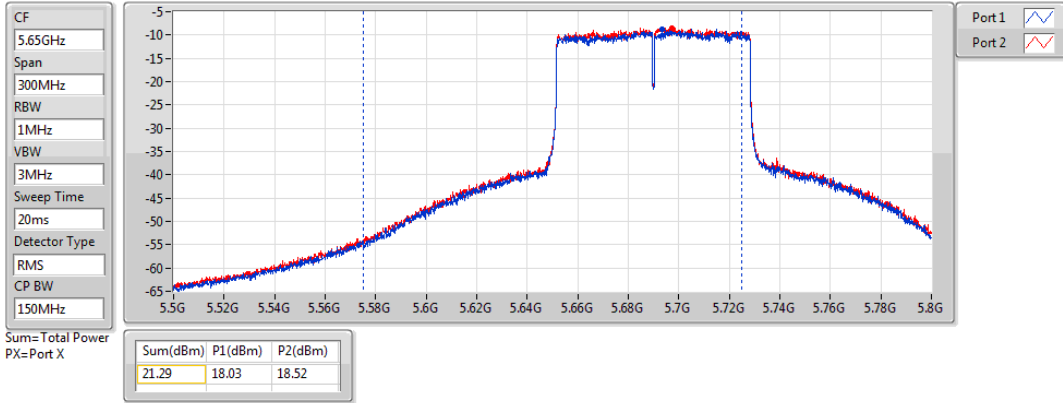


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/08/2019

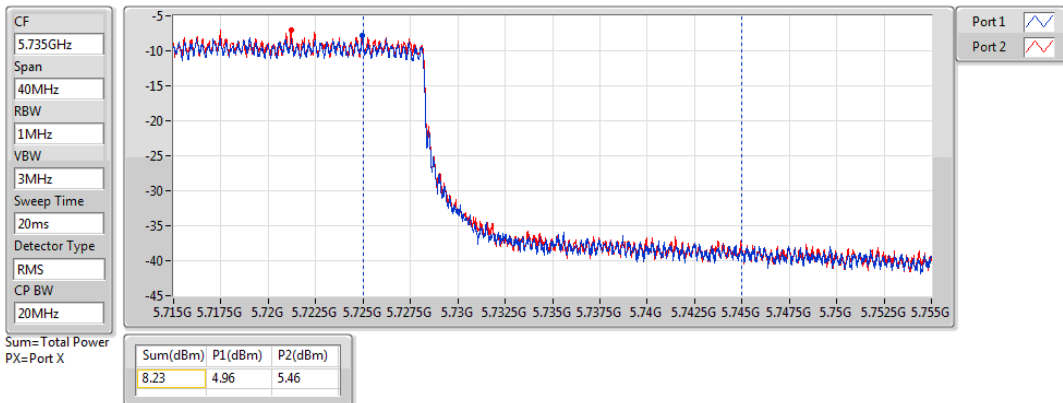


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.96
802.11ac VHT20_Nss1,(MCS0)_2TX	10.41
802.11ac VHT40_Nss1,(MCS0)_2TX	7.54
802.11ac VHT80_Nss1,(MCS0)_2TX	-2.90
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.18
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.20
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-4.39
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.69
802.11ac VHT20_Nss1,(MCS0)_2TX	10.48
802.11ac VHT40_Nss1,(MCS0)_2TX	7.63
802.11ac VHT80_Nss1,(MCS0)_2TX	4.07
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.70
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.19
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.47
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.36
802.11ac VHT20_Nss1,(MCS0)_2TX	6.58
802.11ac VHT40_Nss1,(MCS0)_2TX	3.89
802.11ac VHT80_Nss1,(MCS0)_2TX	1.08
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.33
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.04
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.35

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.20	7.29	6.86	9.96	11.00
5300MHz	Pass	5.20	6.61	6.42	9.52	11.00
5320MHz	Pass	5.20	4.74	4.95	7.80	11.00
5500MHz	Pass	5.85	6.50	6.64	9.48	11.00
5580MHz	Pass	5.85	7.36	8.13	10.69	11.00
5700MHz	Pass	5.85	4.85	4.84	7.75	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	5.82	5.92	8.83	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.85	3.26	3.49	6.36	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.20	7.96	7.20	10.41	11.00
5300MHz	Pass	5.20	6.08	5.90	8.81	11.00
5320MHz	Pass	5.20	4.79	4.78	7.63	11.00
5500MHz	Pass	5.85	6.12	5.96	8.94	11.00
5580MHz	Pass	5.85	7.34	7.86	10.48	11.00
5700MHz	Pass	5.85	4.58	4.51	7.29	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	5.71	5.81	8.72	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.85	3.72	3.46	6.58	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.20	4.92	4.56	7.54	11.00
5310MHz	Pass	5.20	-0.43	-0.13	2.61	11.00
5510MHz	Pass	5.85	2.22	2.36	4.94	11.00
5550MHz	Pass	5.85	4.60	5.32	7.63	11.00
5670MHz	Pass	5.85	3.88	3.76	6.82	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.85	4.32	4.49	7.31	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.85	0.94	0.94	3.89	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.20	-5.92	-5.50	-2.90	11.00
5530MHz	Pass	5.85	-2.35	-2.09	0.65	11.00
5610MHz	Pass	5.85	0.80	1.40	4.07	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.85	1.01	0.89	3.84	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.85	-1.99	-1.88	1.08	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.20	5.17	5.75	8.18	11.00
5300MHz	Pass	5.20	5.84	5.66	8.05	11.00
5320MHz	Pass	5.20	4.57	4.33	7.08	11.00
5500MHz	Pass	5.85	3.61	4.33	6.97	11.00
5580MHz	Pass	5.85	6.73	6.82	9.70	11.00
5700MHz	Pass	5.85	3.45	4.50	6.93	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.85	5.30	5.60	8.45	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.85	0.70	0.21	3.33	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.20	1.32	0.89	3.20	11.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5310MHz	Pass	5.20	-0.01	-0.22	2.43	11.00
5510MHz	Pass	5.85	-0.05	0.33	3.00	11.00
5550MHz	Pass	5.85	3.46	3.27	6.19	11.00
5670MHz	Pass	5.85	1.57	2.18	4.83	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.85	2.84	2.36	5.57	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.85	0.02	0.29	3.04	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.20	-7.66	-7.14	-4.39	11.00
5530MHz	Pass	5.85	-3.55	-3.51	-0.81	11.00
5610MHz	Pass	5.85	-0.36	0.04	2.47	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.85	-1.58	-1.08	1.57	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.85	-2.98	-2.05	0.35	30.00

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

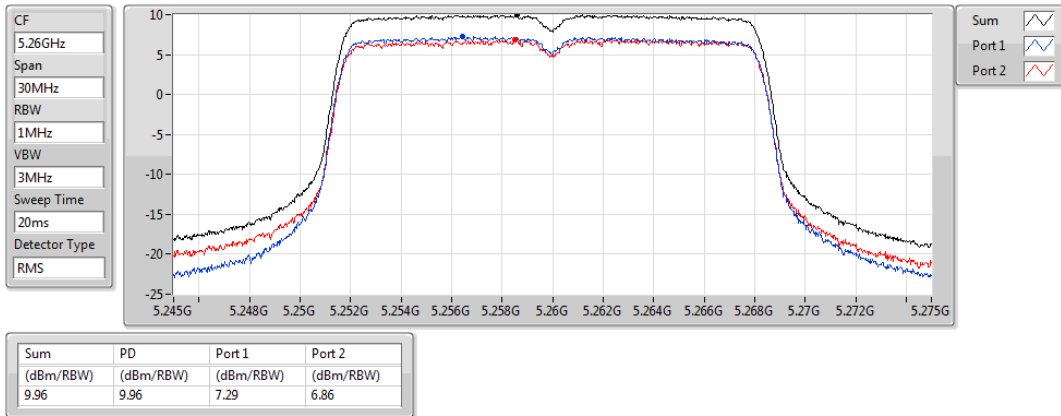
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

30/07/2019

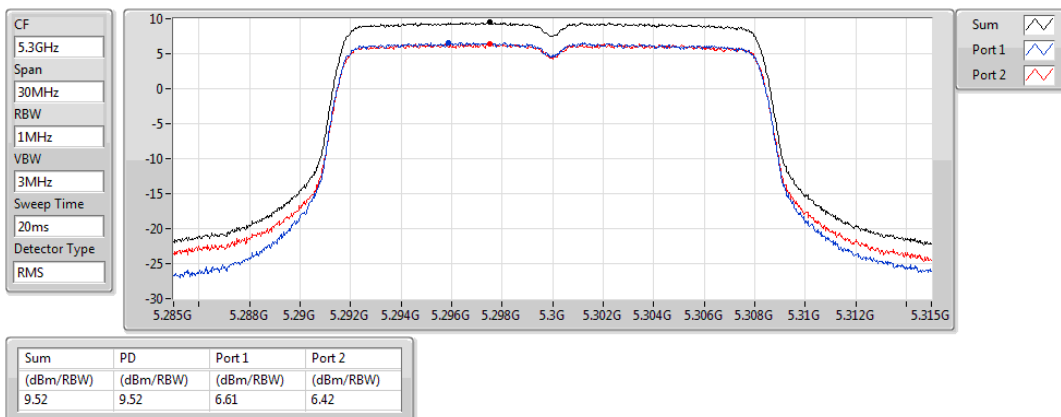


802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

30/07/2019

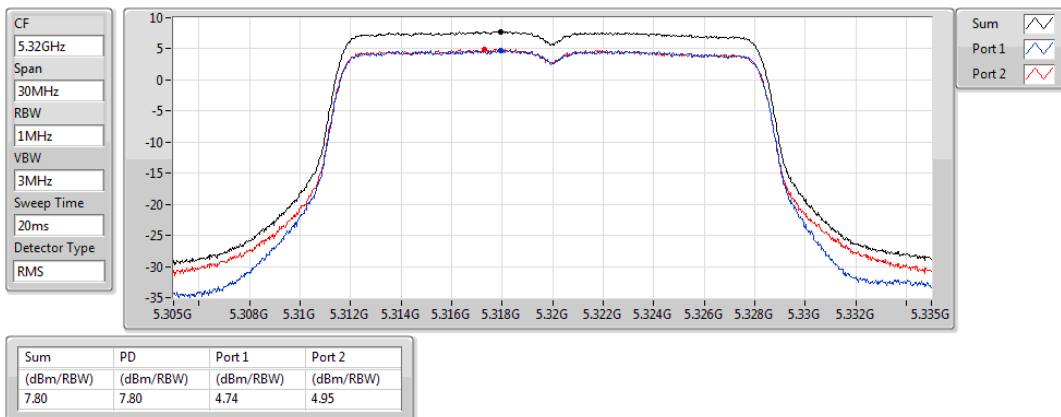


802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

30/07/2019

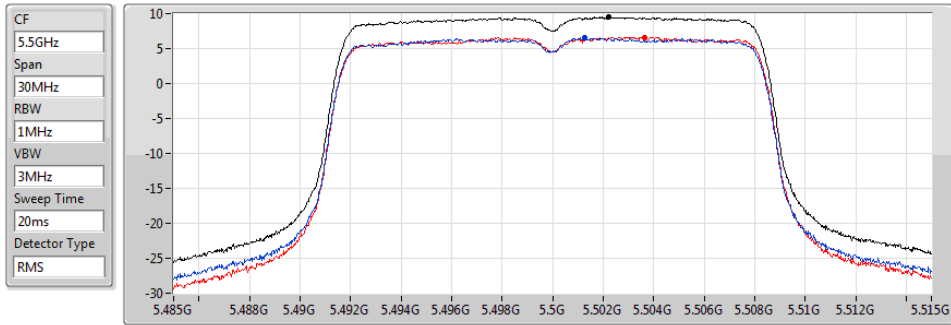


802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

30/07/2019



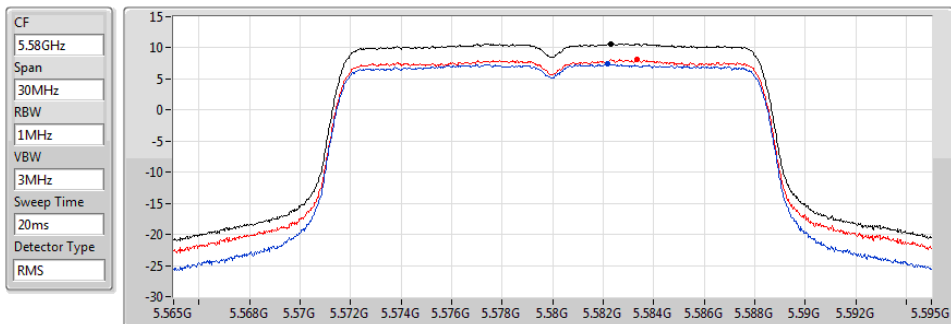
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.48	9.48	6.50	6.64

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

30/07/2019



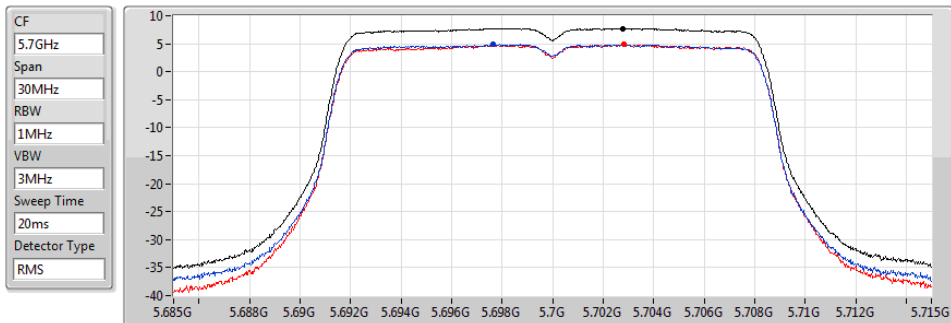
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	7.36	8.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

30/07/2019

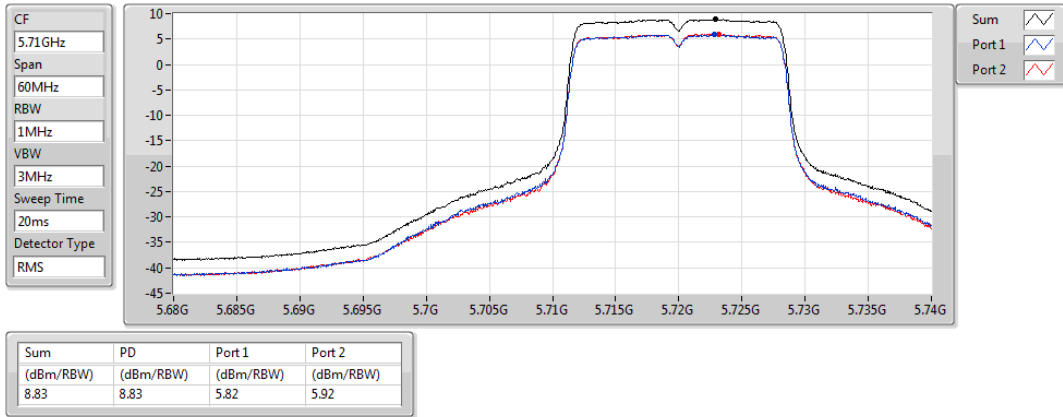


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	4.85	4.84

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

PSD

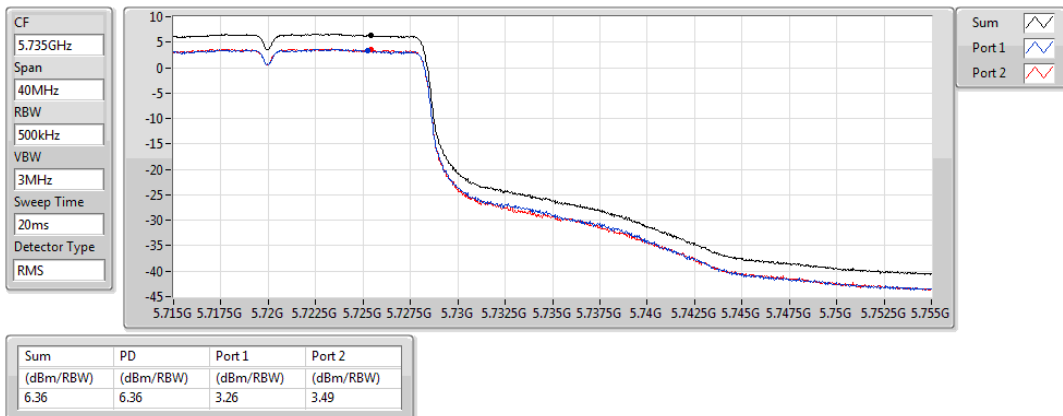
03/08/2019



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

PSD

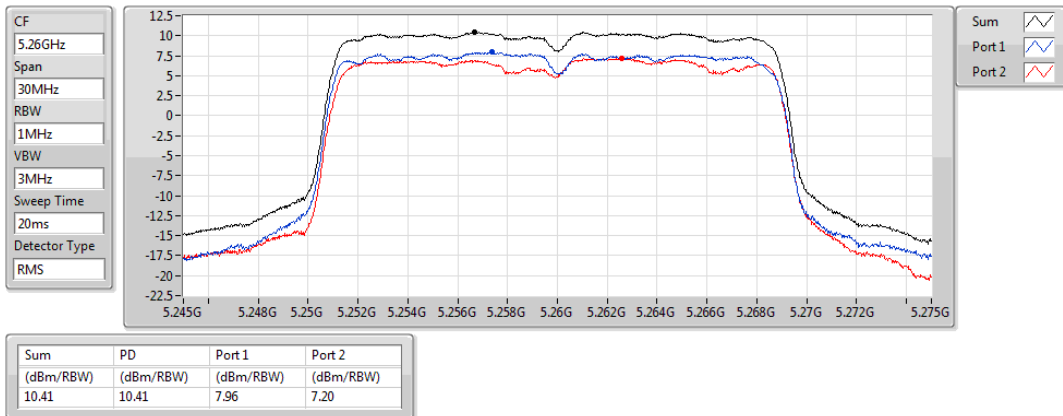
03/08/2019



802.11ac VHT20_Nss1,(MCS0)_2TX 5260MHz

PSD

30/07/2019

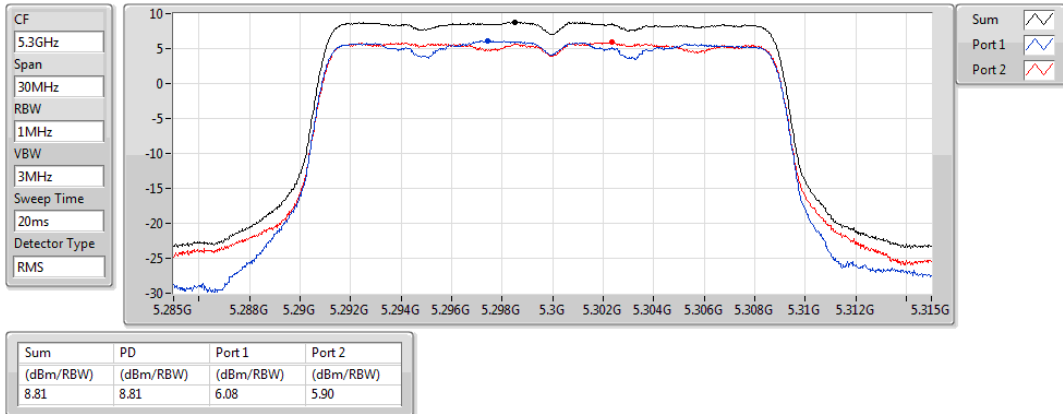


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5300MHz

30/07/2019

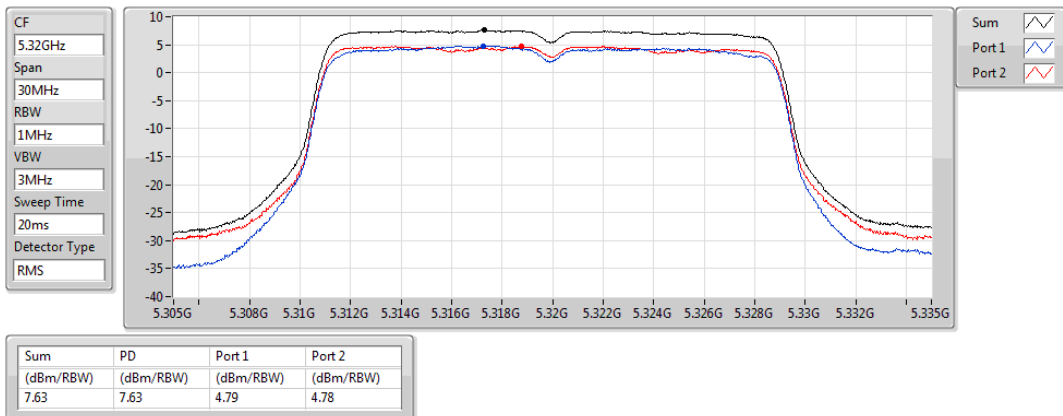


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5320MHz

30/07/2019

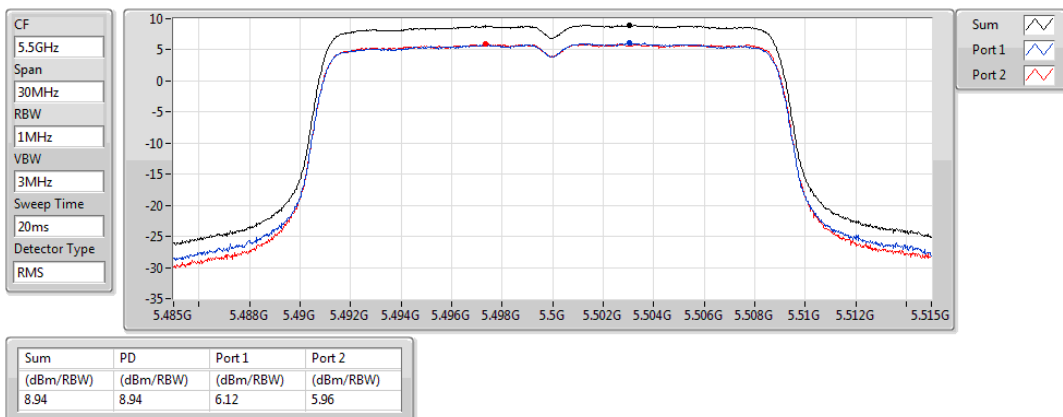


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5500MHz

30/07/2019

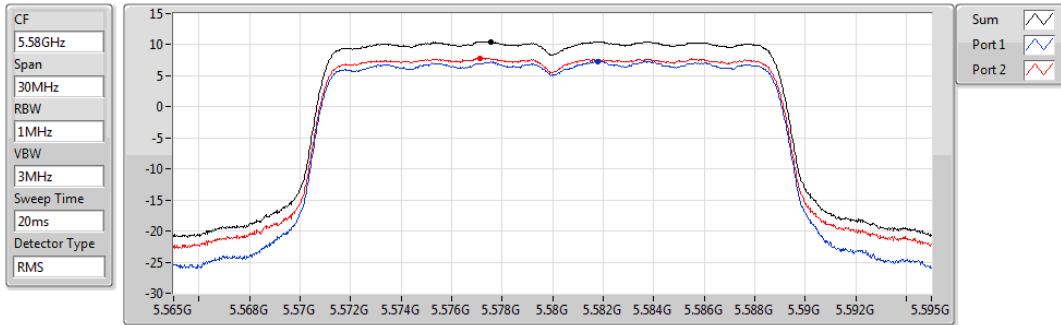


802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5580MHz

30/07/2019



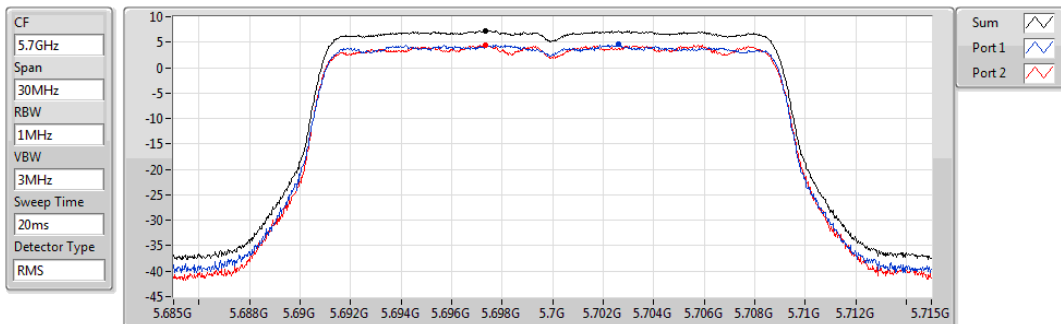
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	7.34	7.86

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5700MHz

30/07/2019



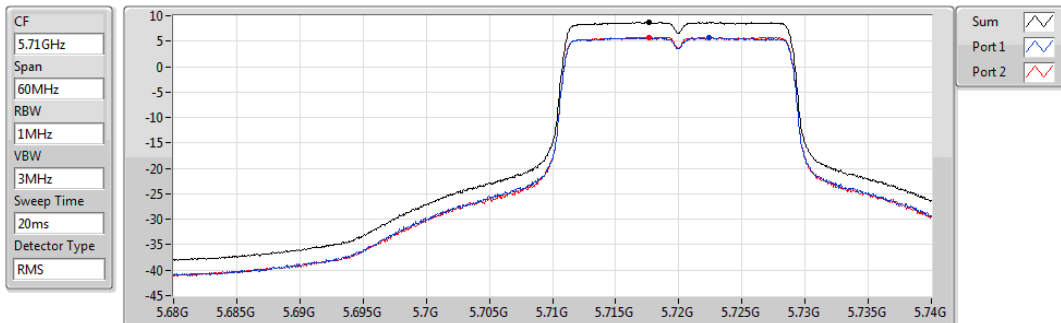
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	4.58	4.51

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



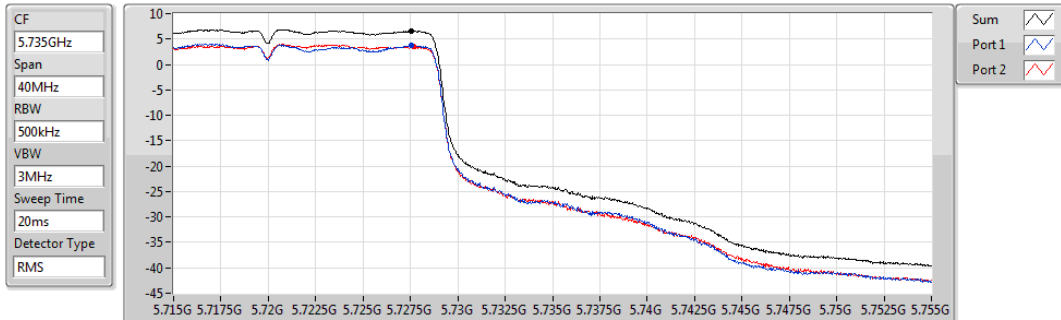
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.72	8.72	5.71	5.81

802.11ac VHT20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



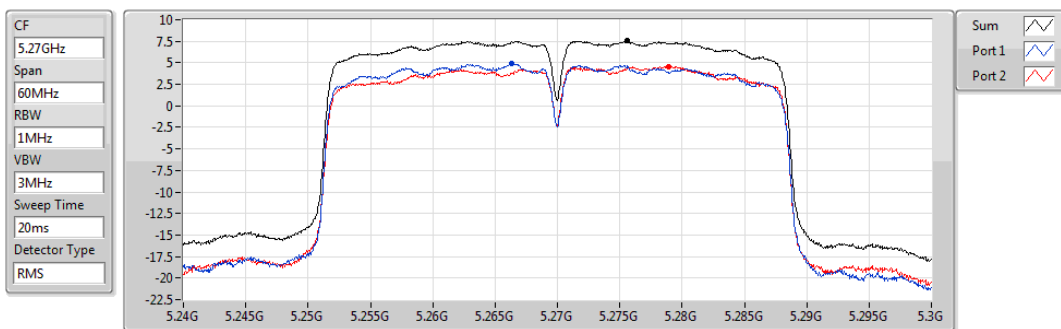
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	3.72	3.46

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5270MHz

30/07/2019



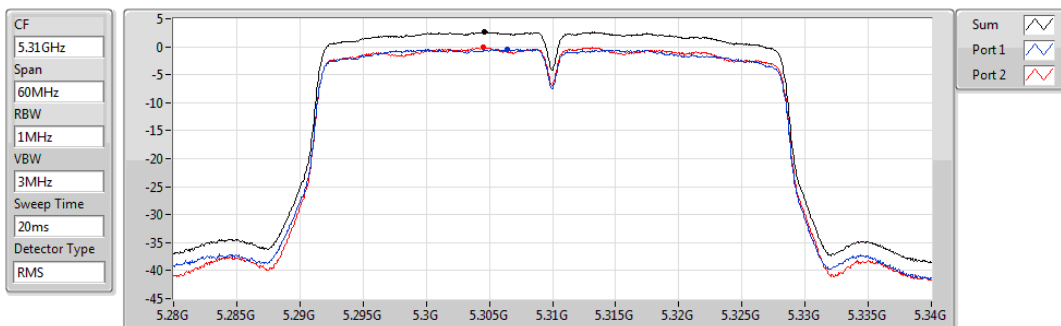
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	4.92	4.56

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5310MHz

30/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.61	2.61	-0.43	-0.13

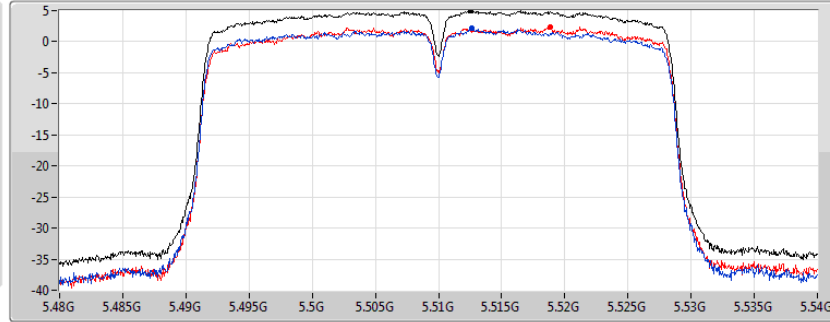
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5510MHz

30/07/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	2.22	2.36

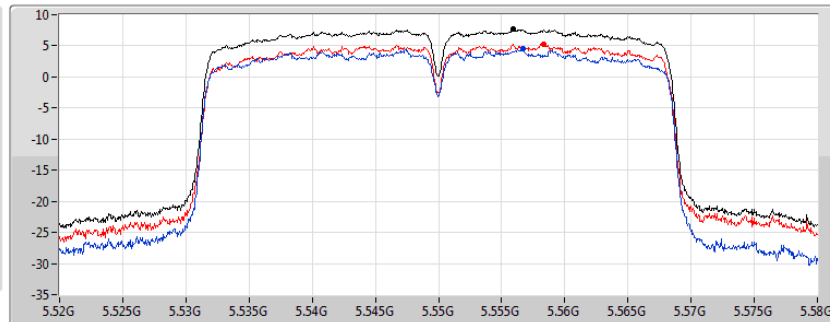
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5550MHz

30/07/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	4.60	5.32

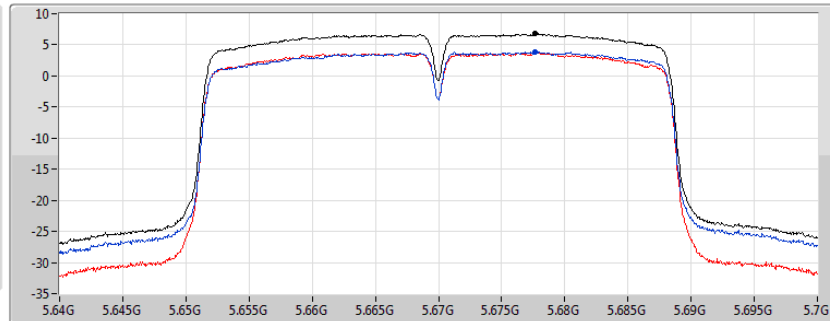
802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5670MHz

30/07/2019

CF
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

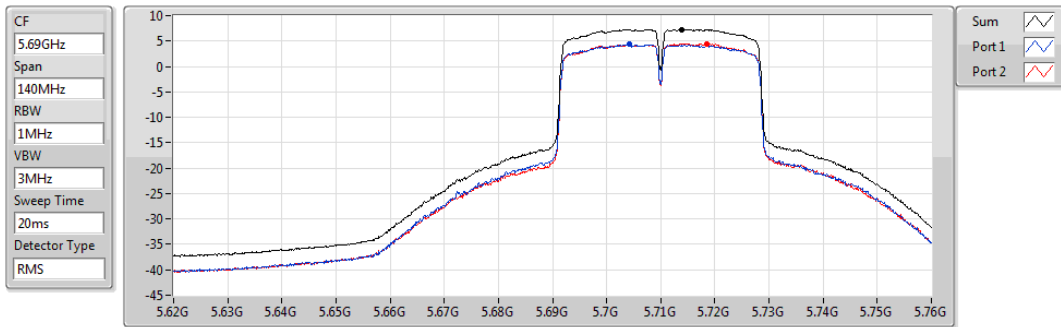
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	3.88	3.76

802.11ac VHT40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

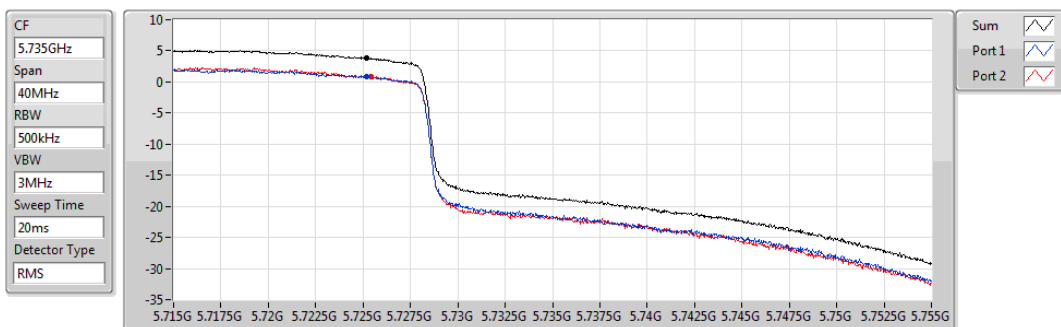
03/08/2019

**802.11ac VHT40_Nss1,(MCS0)_2TX**

PSD

5710MHz Straddle 5.725-5.85GHz

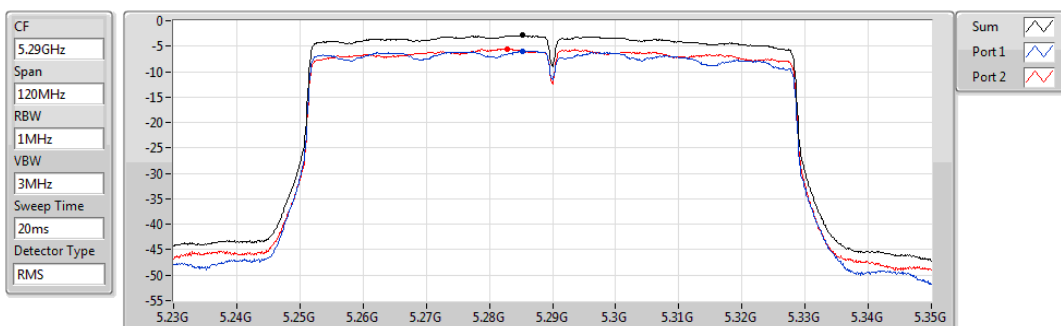
03/08/2019

**802.11ac VHT80_Nss1,(MCS0)_2TX**

PSD

5290MHz

30/07/2019

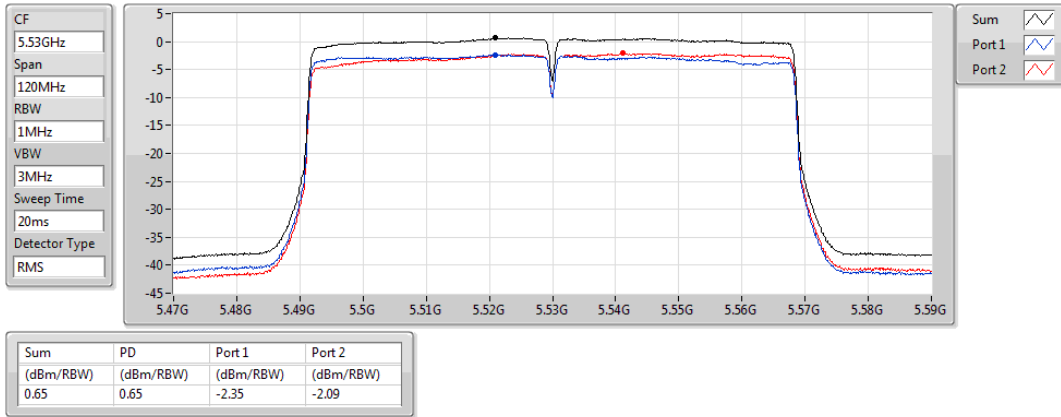


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5530MHz

30/07/2019

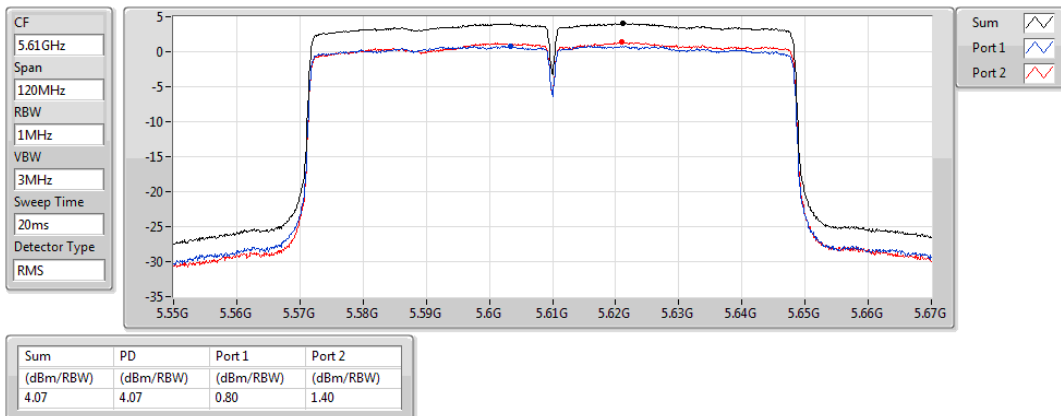


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5610MHz

30/07/2019

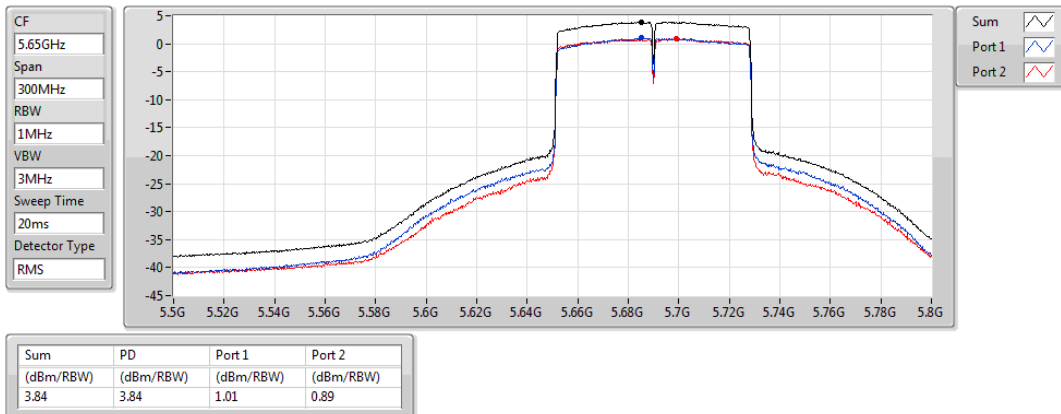


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/08/2019

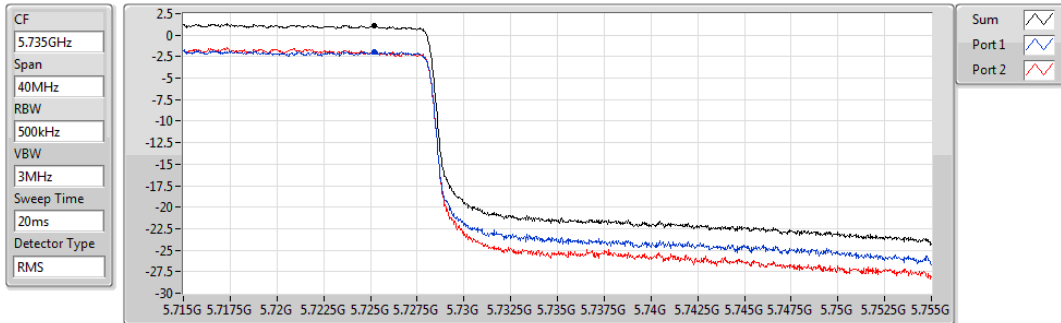


802.11ac VHT80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/08/2019



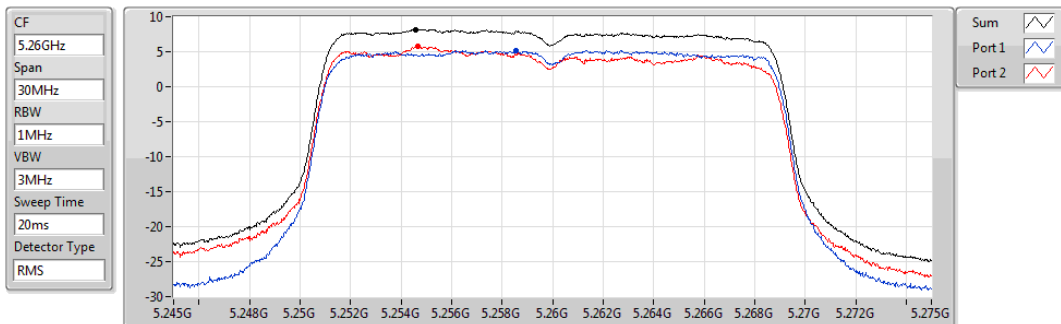
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.08	1.08	-1.99	-1.88

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

30/07/2019



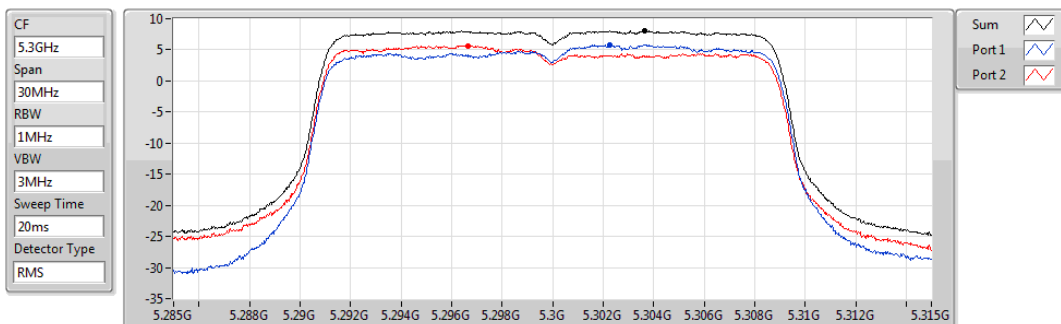
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.18	8.18	5.17	5.75

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

30/07/2019



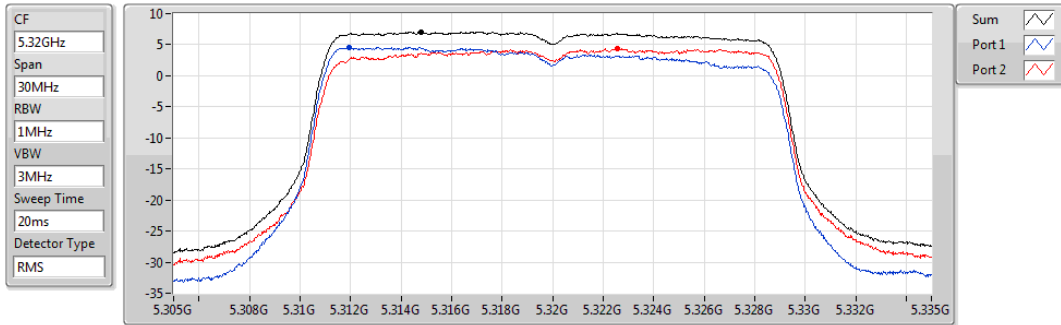
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.05	8.05	5.84	5.66

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

30/07/2019



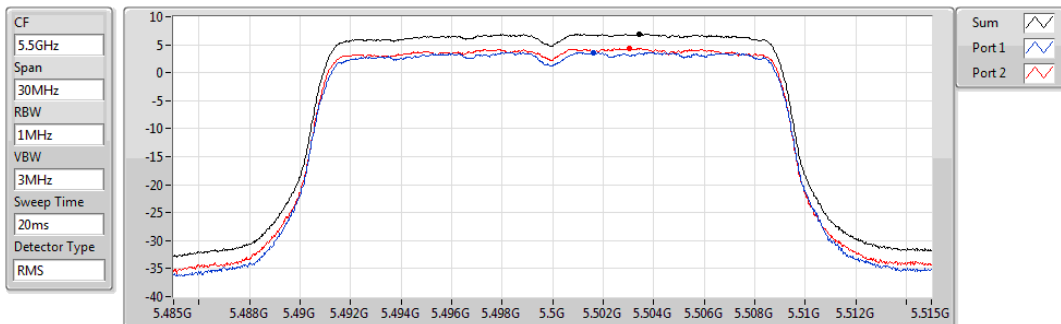
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	4.57	4.33

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

30/07/2019



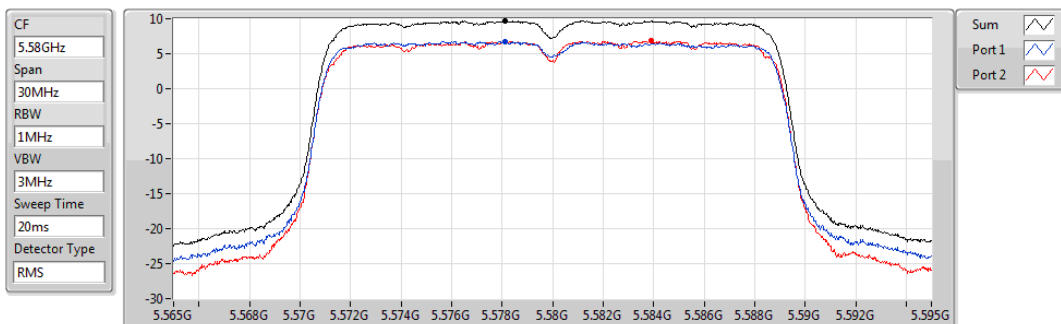
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	3.61	4.33

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

30/07/2019



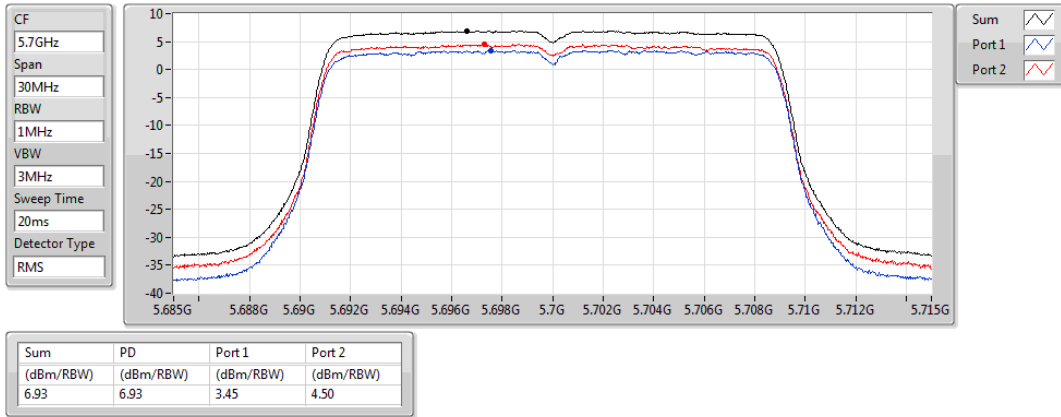
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.70	9.70	6.73	6.82

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

30/07/2019

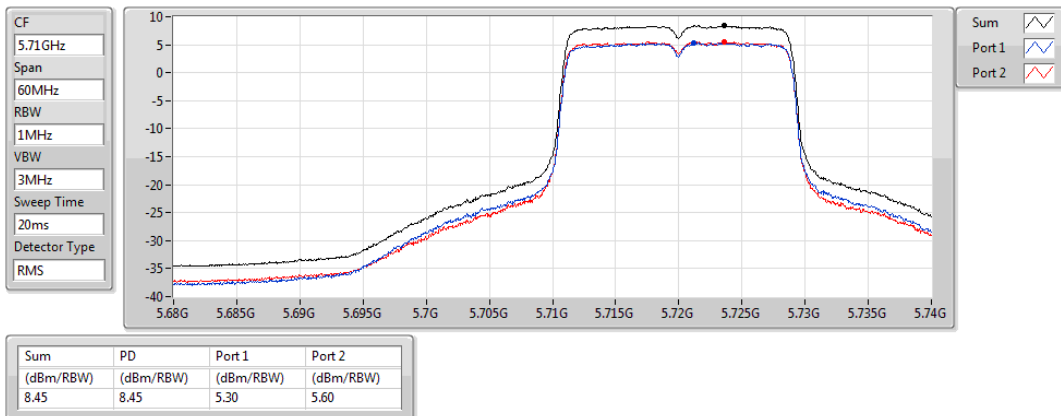


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019

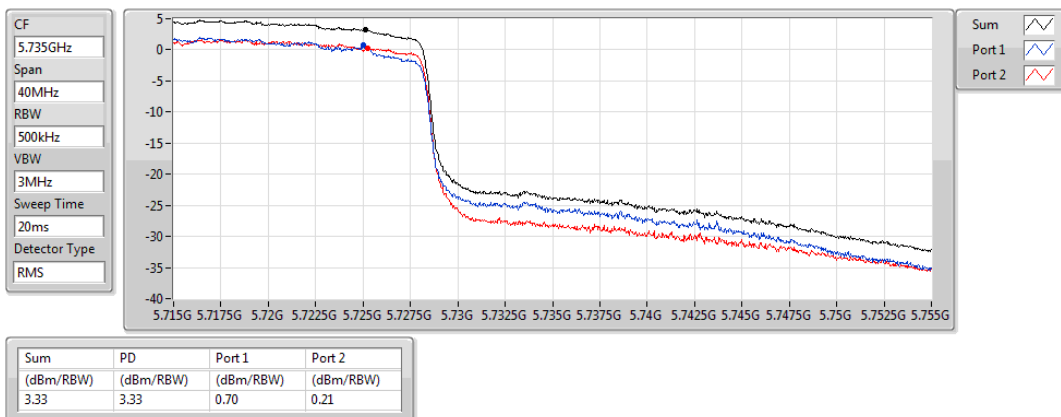


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2019

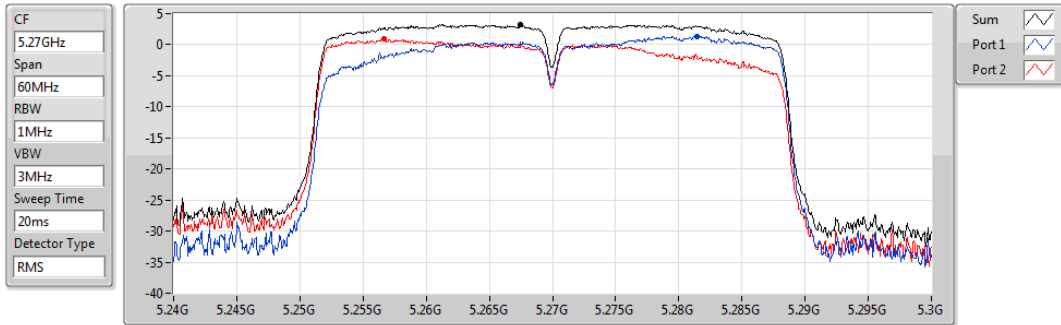


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

30/07/2019



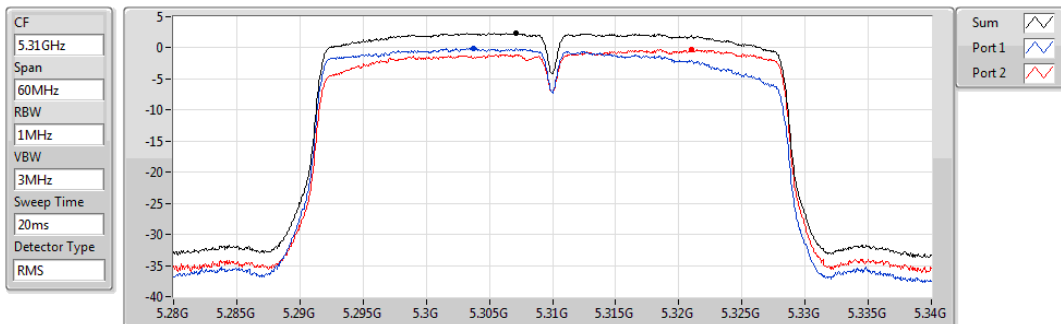
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.20	3.20	1.32	0.89

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

30/07/2019



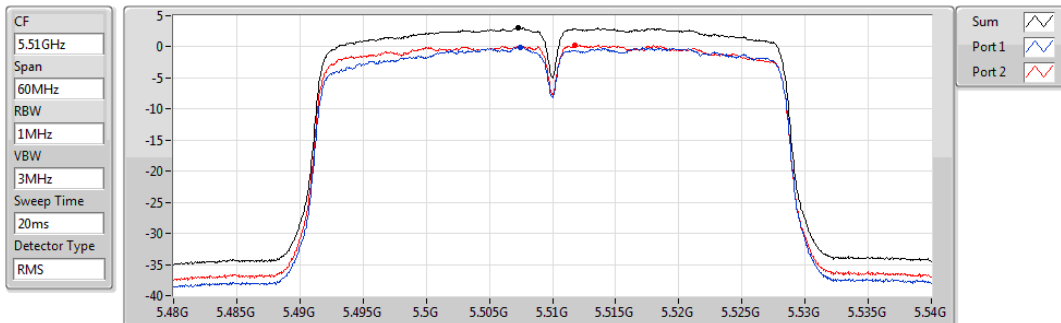
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.43	2.43	-0.01	-0.22

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

30/07/2019



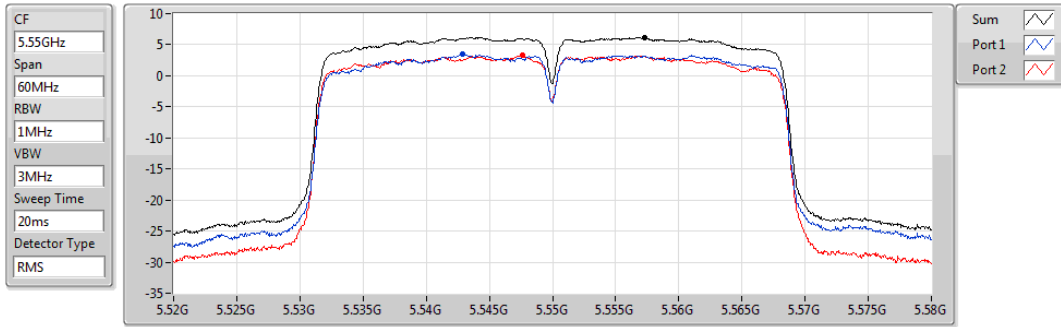
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	-0.05	0.33

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

30/07/2019



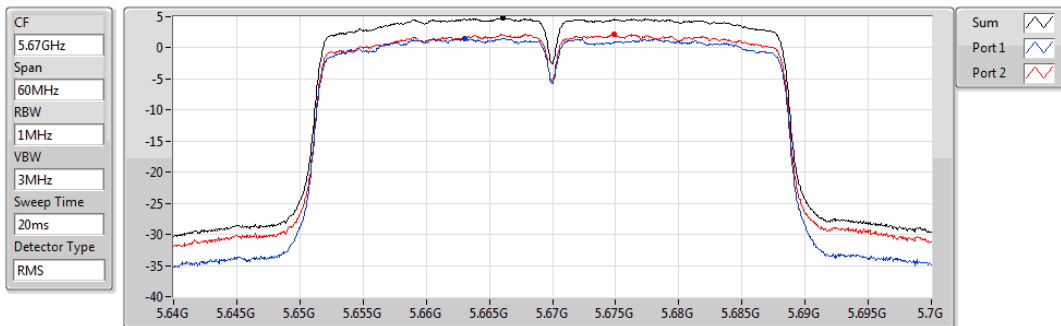
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.19	6.19	3.46	3.27

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

30/07/2019



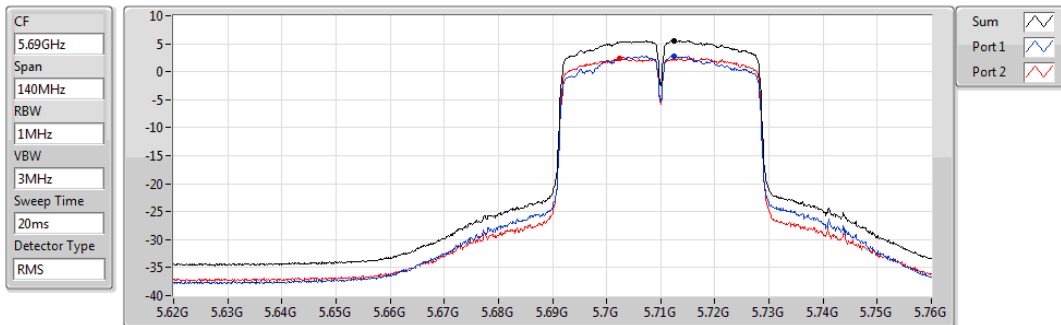
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.83	4.83	1.57	2.18

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

02/08/2019



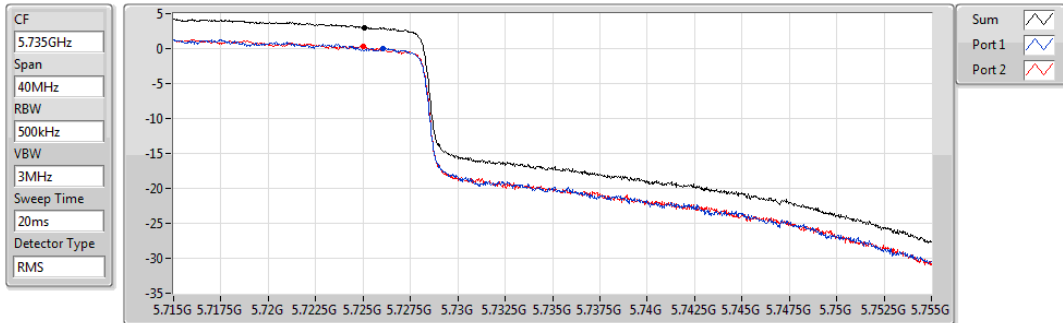
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.57	5.57	2.84	2.36

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/08/2019



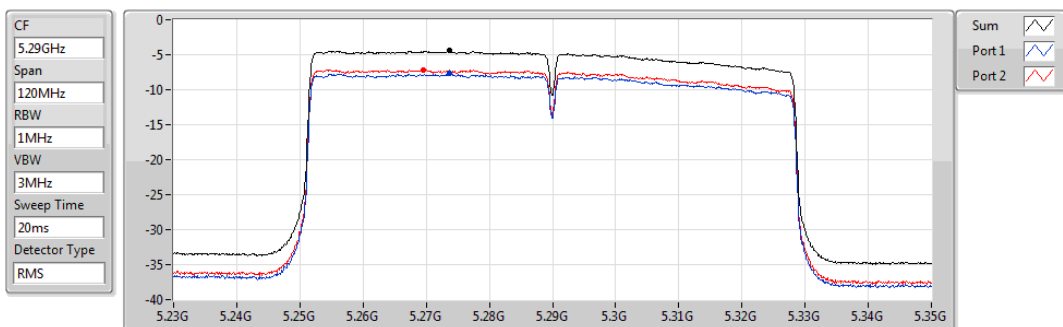
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.04	3.04	0.02	0.29

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

03/08/2019



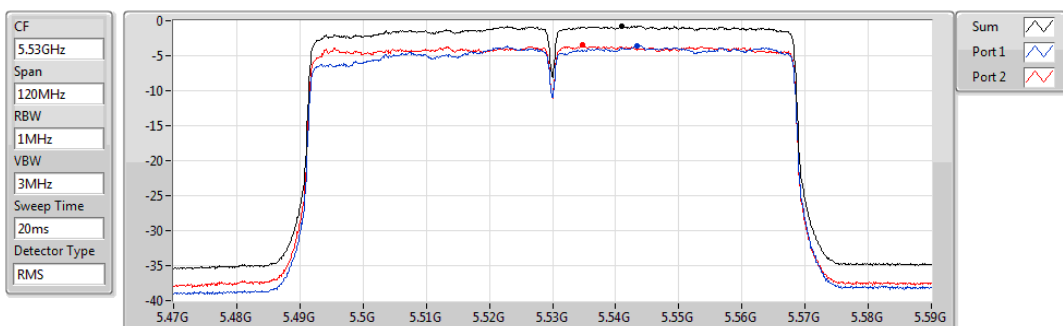
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.39	-4.39	-7.66	-7.14

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

30/07/2019



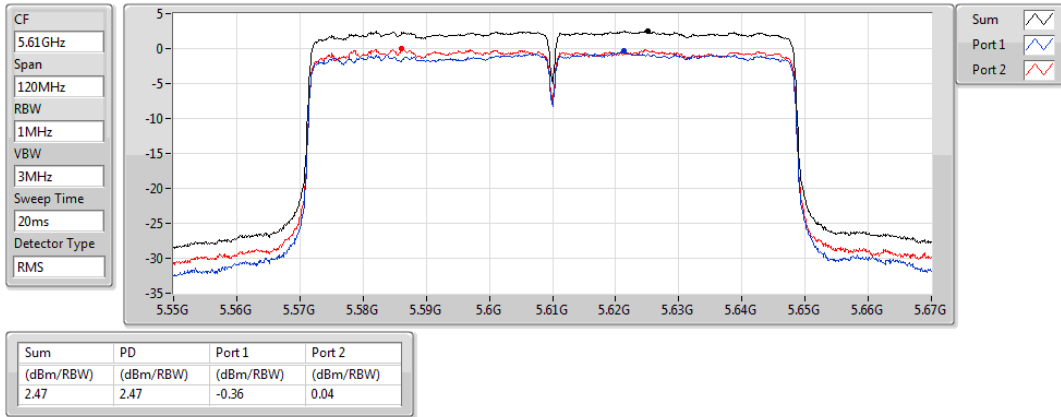
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.81	-0.81	-3.55	-3.51

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

30/07/2019

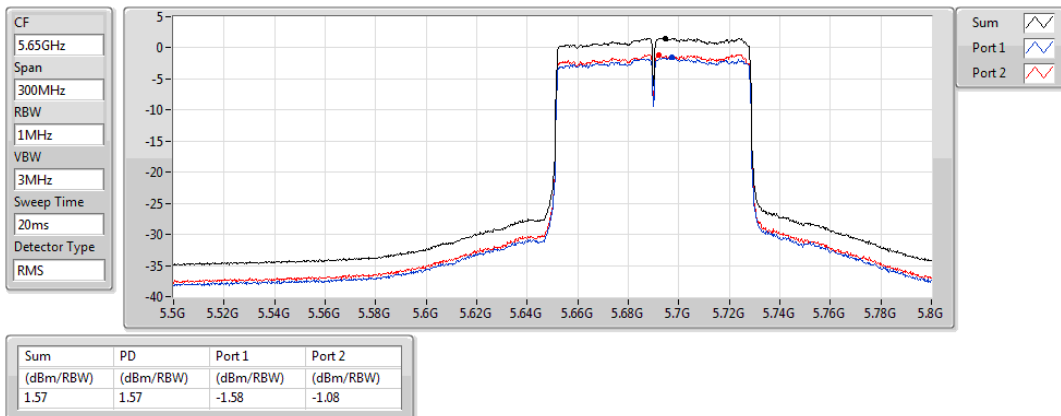


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/08/2019

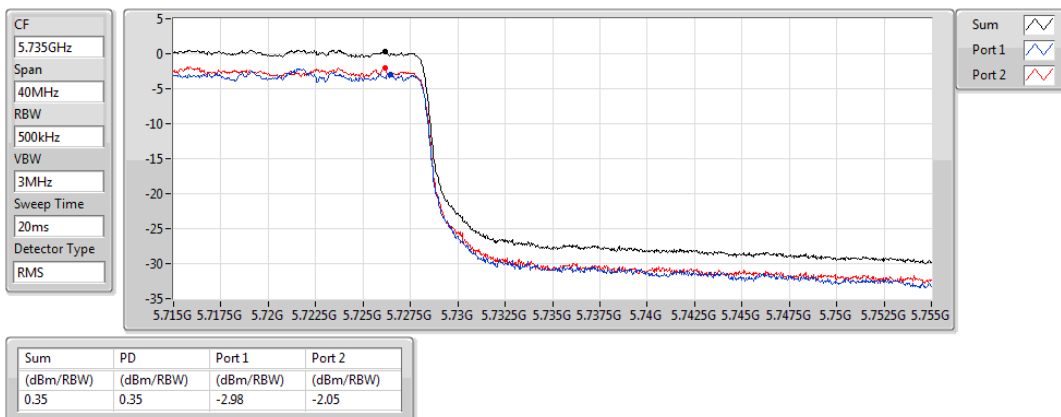


802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/08/2019





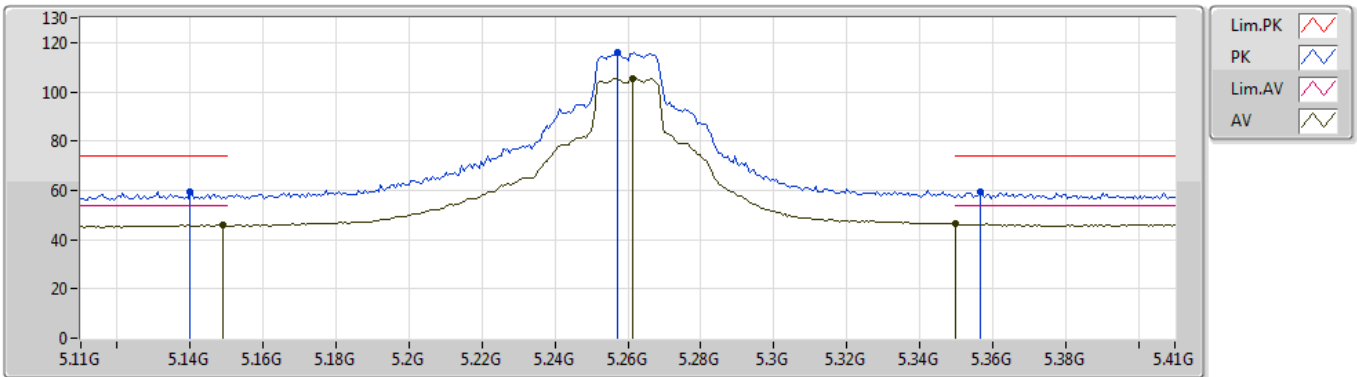
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	15.90036G	53.99	54.00	-0.01	14.02	3	Vertical	6	1.54	-

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5260MHz_TX



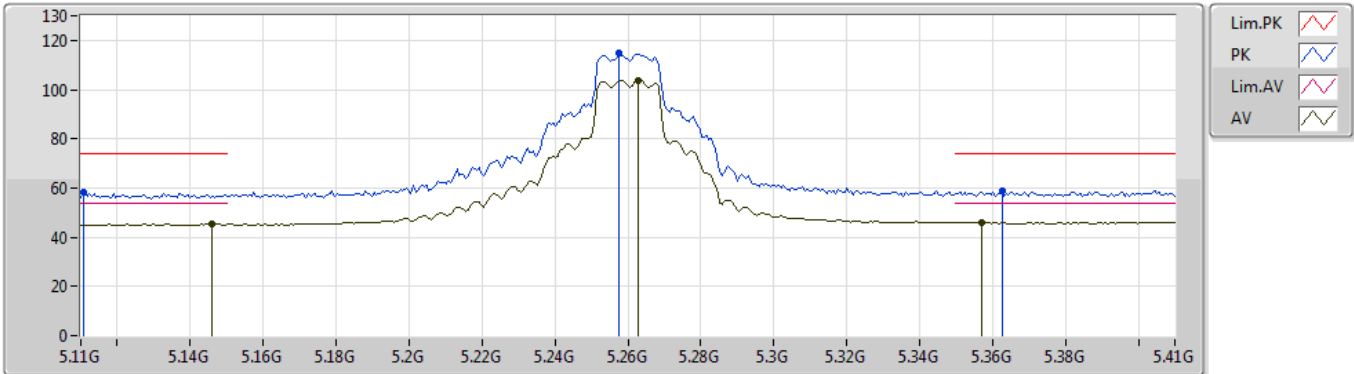
EUT Y_2TX
Setting 19
01-G-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.14G	59.19	74.00	-14.81	4.24	3	Vertical	110	1.98	-	54.95
AV	5.149G	46.11	54.00	-7.89	4.25	3	Vertical	110	1.98	-	41.86
PK	5.257G	115.97	Inf	-Inf	4.48	3	Vertical	110	1.98	-	111.49
AV	5.2612G	105.45	Inf	-Inf	4.49	3	Vertical	110	1.98	-	100.96
PK	5.3566G	59.18	74.00	-14.82	4.83	3	Vertical	110	1.98	-	54.35
AV	5.35G	46.30	54.00	-7.70	4.81	3	Vertical	110	1.98	-	41.49

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5260MHz_TX



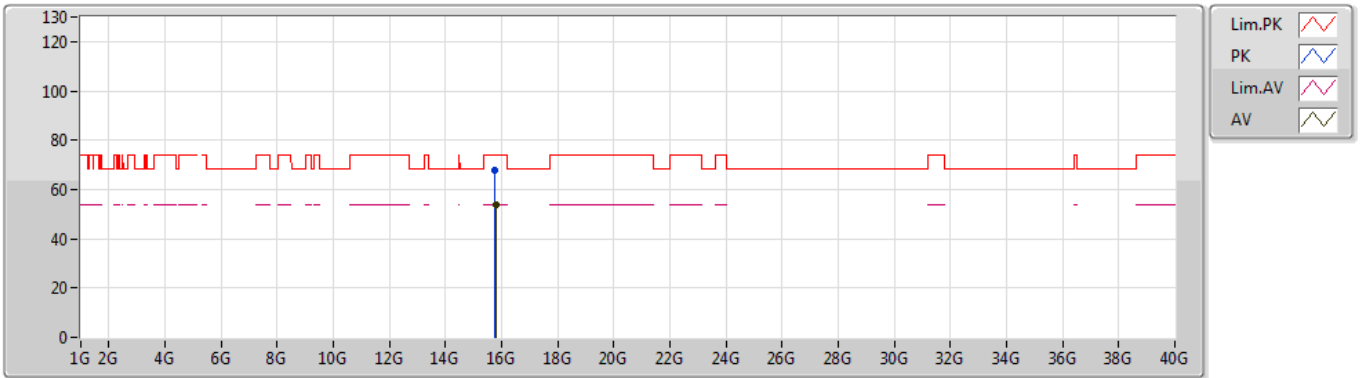
EUT_V_2TX
Setting 19
01-G-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.1106G	58.13	74.00	-15.87	4.23	3	Horizontal	1	1.50	-	53.90
AV	5.146G	45.40	54.00	-8.60	4.25	3	Horizontal	1	1.50	-	41.15
PK	5.2576G	114.82	Inf	-Inf	4.48	3	Horizontal	1	1.50	-	110.34
AV	5.263G	103.71	Inf	-Inf	4.50	3	Horizontal	1	1.50	-	99.21
PK	5.3626G	58.87	74.00	-15.13	4.86	3	Horizontal	1	1.50	-	54.01
AV	5.3572G	46.12	54.00	-7.88	4.83	3	Horizontal	1	1.50	-	41.29

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5260MHz_TX



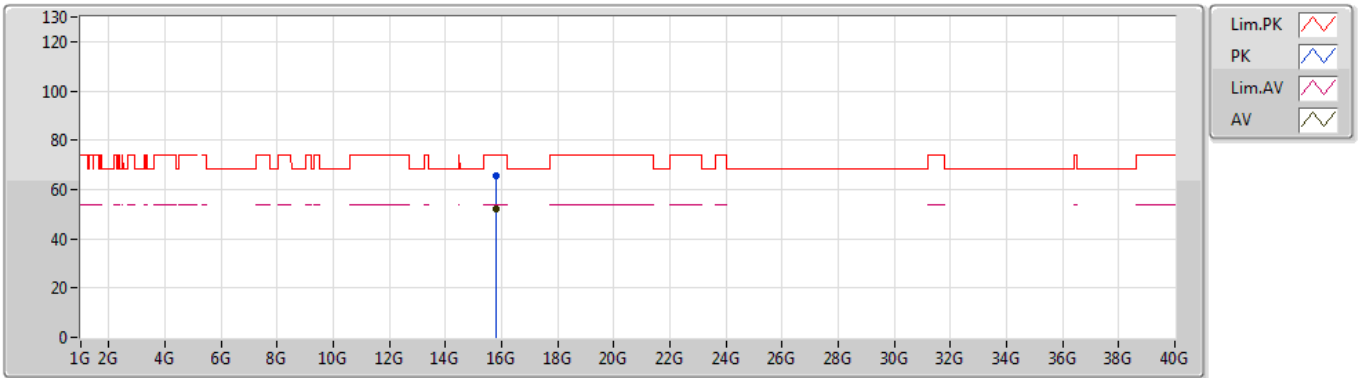
EUT Y_2TX
Setting 19
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.77796G	67.79	74.00	-6.21	14.16	3	Vertical	5	1.50	-	53.63			
AV	15.78276G	53.80	54.00	-0.20	14.16	3	Vertical	5	1.50	-	39.64			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5260MHz_TX



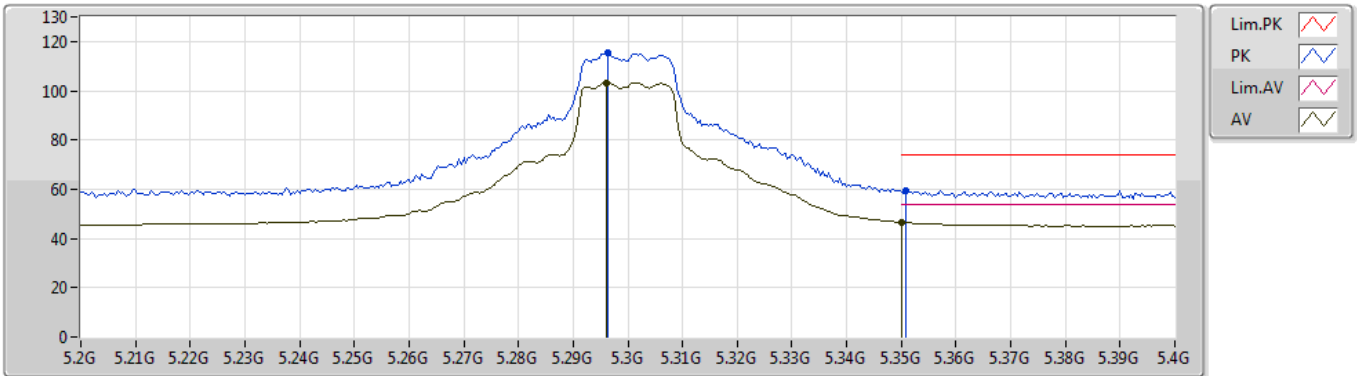
EUT Y_2TX
Setting 19
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.78564G	65.78	74.00	-8.22	14.16	3	Horizontal	300	1.93	-	51.62			
AV	15.78042G	51.90	54.00	-2.10	14.16	3	Horizontal	300	1.93	-	37.74			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5300MHz_TX



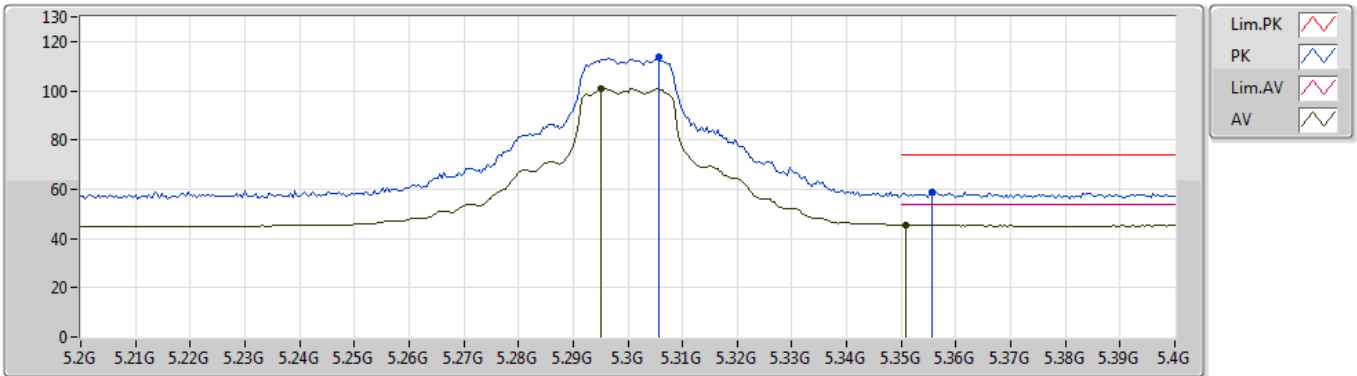
EUT Y_2TX
Setting 18
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.2964G	115.21	Inf	-Inf	4.63	3	Vertical	103	2.05	-	110.58			
AV	5.296G	103.37	Inf	-Inf	4.63	3	Vertical	103	2.05	-	98.74			
PK	5.3508G	59.59	74.00	-14.41	4.81	3	Vertical	103	2.05	-	54.78			
AV	5.35G	46.58	54.00	-7.42	4.81	3	Vertical	103	2.05	-	41.77			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5300MHz_TX



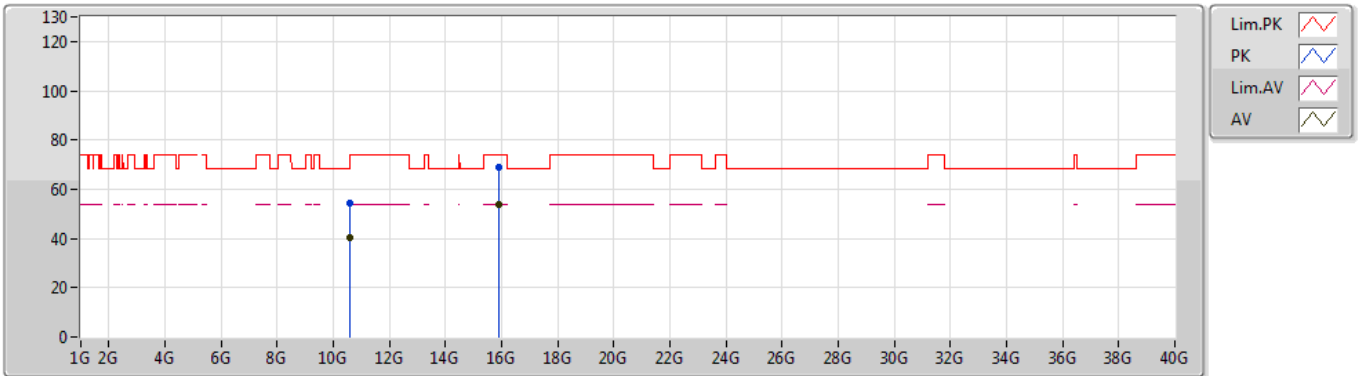
EUT Y_2TX
Setting 18
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3056G	113.47	Inf	-Inf	4.66	3	Horizontal	358	1.75	-	108.81			
AV	5.2952G	100.74	Inf	-Inf	4.63	3	Horizontal	358	1.75	-	96.11			
PK	5.3556G	58.86	74.00	-15.14	4.83	3	Horizontal	358	1.75	-	54.03			
AV	5.3508G	45.49	54.00	-8.51	4.81	3	Horizontal	358	1.75	-	40.68			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5300MHz_TX



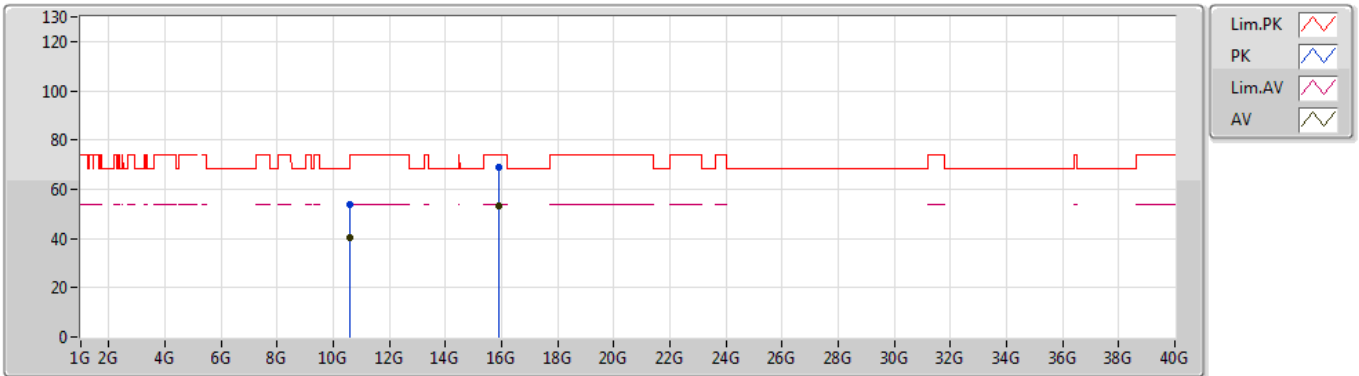
EUT Y_2TX
Setting 18
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.60082G	54.63	74.00	-19.37	11.17	3	Vertical	257	1.38	-	43.46			
AV	10.60162G	40.11	54.00	-13.89	11.17	3	Vertical	257	1.38	-	28.94			
PK	15.91032G	68.82	74.00	-5.18	14.00	3	Vertical	6	1.54	-	54.82			
AV	15.90036G	53.99	54.00	-0.01	14.02	3	Vertical	6	1.54	-	39.97			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5300MHz_TX



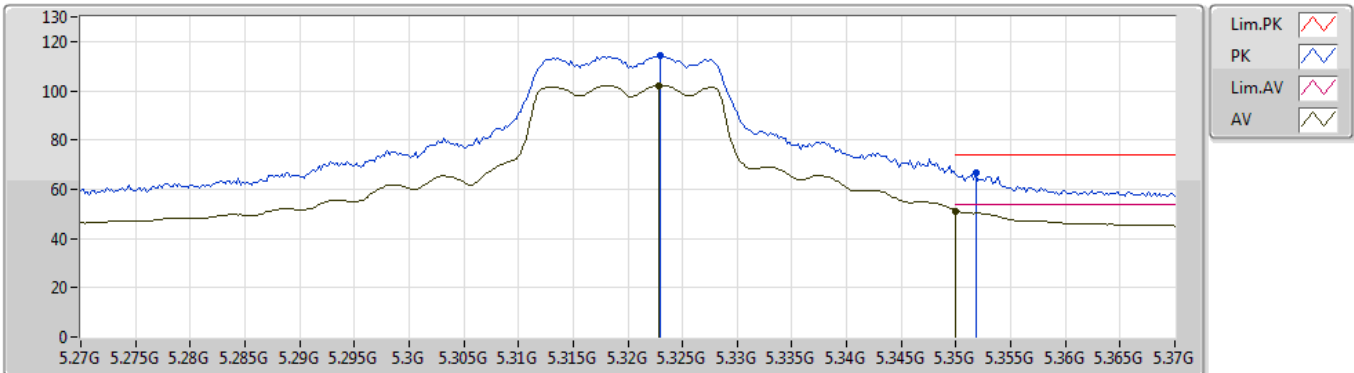
EUT Y_2TX
Setting 18
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.58746G	54.01	68.20	-14.19	11.16	3	Horizontal	289	2.32	-	42.85			
AV	10.60174G	40.08	54.00	-13.92	11.17	3	Horizontal	289	2.32	-	28.91			
PK	15.89802G	68.82	74.00	-5.18	14.03	3	Horizontal	314	2.84	-	54.79			
AV	15.89754G	53.49	54.00	-0.51	14.03	3	Horizontal	314	2.84	-	39.46			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5320MHz_TX



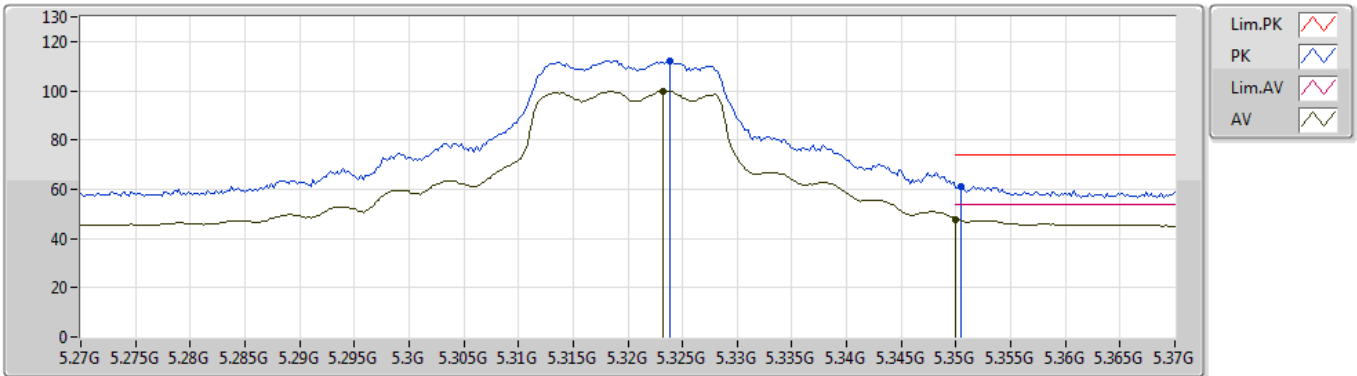
EUT Y_2TX
Setting 16.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.323G	114.25	Inf	-Inf	4.72	3	Vertical	98	2.59	-	109.53			
AV	5.3228G	102.26	Inf	-Inf	4.72	3	Vertical	98	2.59	-	97.54			
PK	5.3518G	66.58	74.00	-7.42	4.82	3	Vertical	98	2.59	-	61.76			
AV	5.35G	51.06	54.00	-2.94	4.81	3	Vertical	98	2.59	-	46.25			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5320MHz_TX



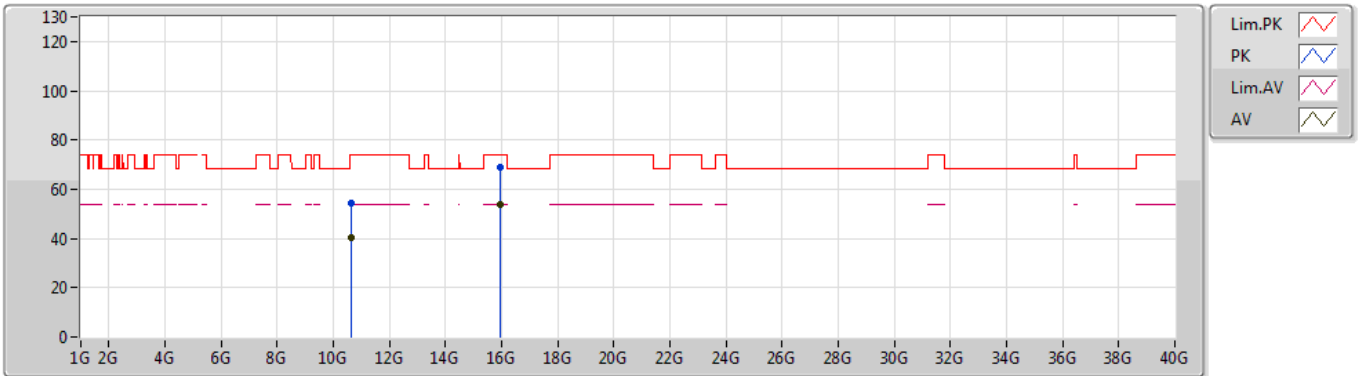
EUT Y_2TX
Setting 16.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3238G	112.22	Inf	-Inf	4.72	3	Horizontal	12	1.80	-	107.50			
AV	5.3232G	99.78	Inf	-Inf	4.72	3	Horizontal	12	1.80	-	95.06			
PK	5.3504G	61.06	74.00	-12.94	4.81	3	Horizontal	12	1.80	-	56.25			
AV	5.35G	47.84	54.00	-6.16	4.81	3	Horizontal	12	1.80	-	43.03			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5320MHz_TX



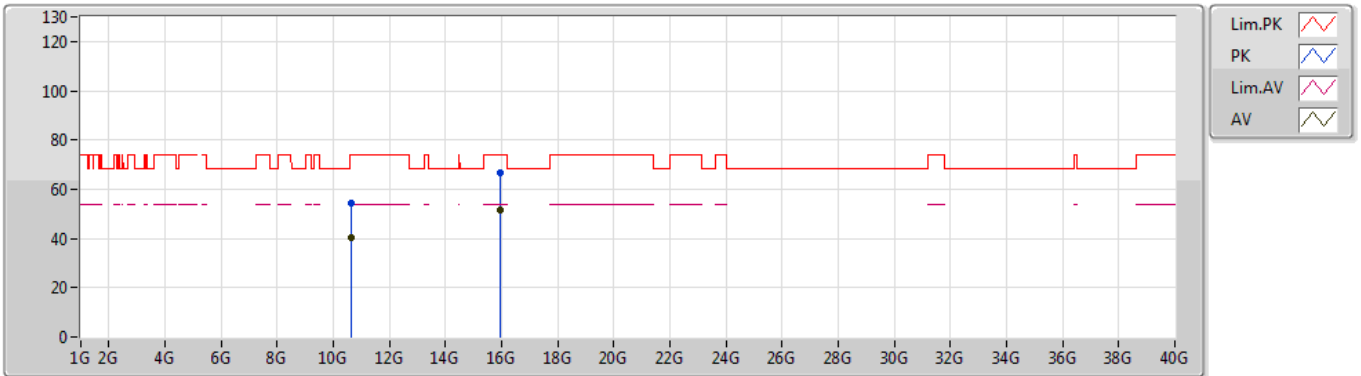
EUT Y_2TX
Setting 16.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.63658G	54.37	74.00	-19.63	11.23	3	Vertical	78	1.43	-	43.14			
AV	10.6391G	40.31	54.00	-13.69	11.23	3	Vertical	78	1.43	-	29.08			
PK	15.95622G	68.89	74.00	-5.11	13.96	3	Vertical	6	1.56	-	54.93			
AV	15.96024G	53.57	54.00	-0.43	13.95	3	Vertical	6	1.56	-	39.62			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5320MHz_TX



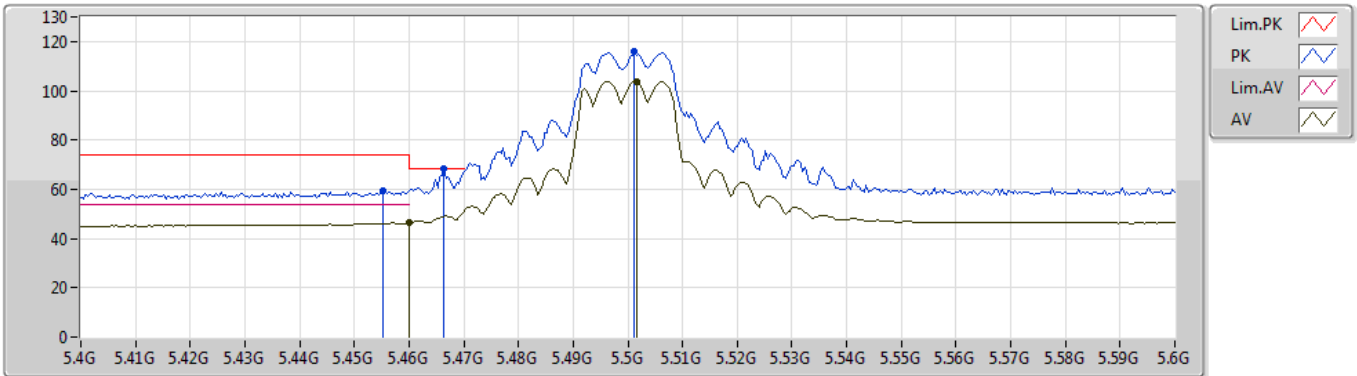
EUT Y_2TX
Setting 16.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.64162G	54.19	74.00	-19.81	11.23	3	Horizontal	344	1.18	-	42.96			
AV	10.6391G	40.28	54.00	-13.72	11.23	3	Horizontal	344	1.18	-	29.05			
PK	15.9534G	66.93	74.00	-7.07	13.96	3	Horizontal	285	1.58	-	52.97			
AV	15.9582G	51.68	54.00	-2.32	13.96	3	Horizontal	285	1.58	-	37.72			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5500MHz_TX



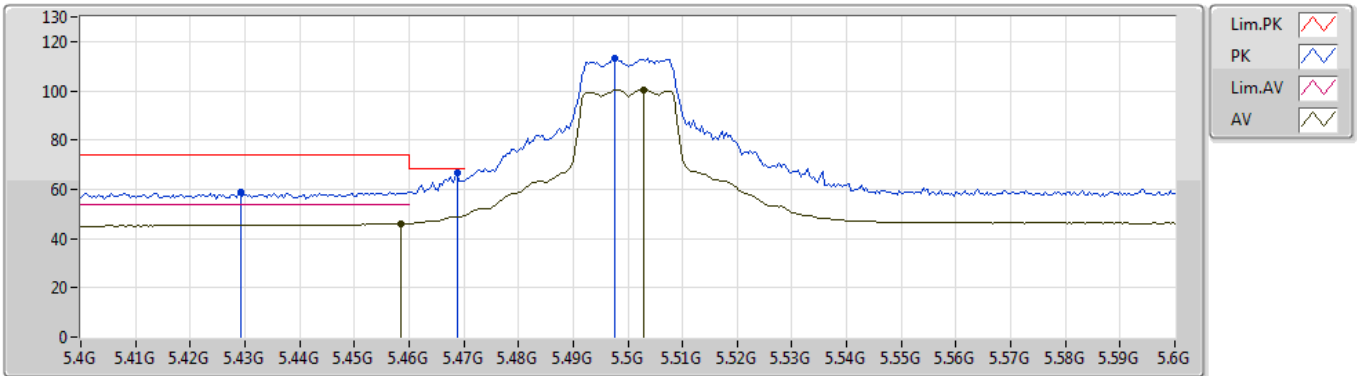
EUT Y_2TX
Setting 18.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4552G	59.32	74.00	-14.68	5.21	3	Vertical	260	1.02	-	54.11			
AV	5.46G	46.36	54.00	-7.64	5.22	3	Vertical	260	1.02	-	41.14			
PK	5.4664G	68.10	68.20	-0.10	5.25	3	Vertical	260	1.02	-	62.85			
PK	5.5012G	115.87	Inf	-Inf	5.38	3	Vertical	260	1.02	-	110.49			
AV	5.5016G	103.75	Inf	-Inf	5.38	3	Vertical	260	1.02	-	98.37			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5500MHz_TX



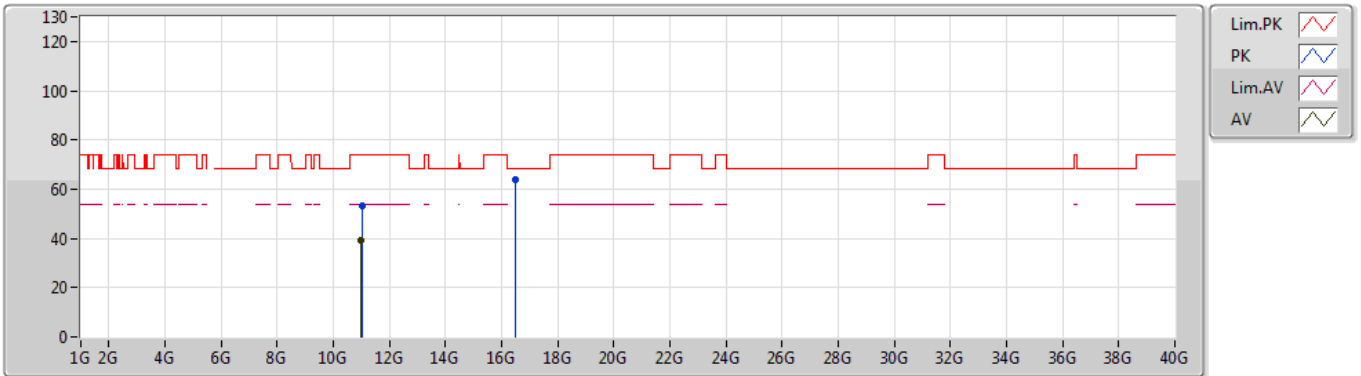
EUT Y_2TX
Setting 18.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4292G	58.93	74.00	-15.07	5.11	3	Horizontal	334	1.01	-	53.82			
PK	5.4688G	66.51	68.20	-1.69	5.26	3	Horizontal	334	1.01	-	61.25			
AV	5.4584G	46.13	54.00	-7.87	5.22	3	Horizontal	334	1.01	-	40.91			
PK	5.4976G	112.98	Inf	-Inf	5.37	3	Horizontal	334	1.01	-	107.61			
AV	5.5028G	100.47	Inf	-Inf	5.39	3	Horizontal	334	1.01	-	95.08			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5500MHz_TX



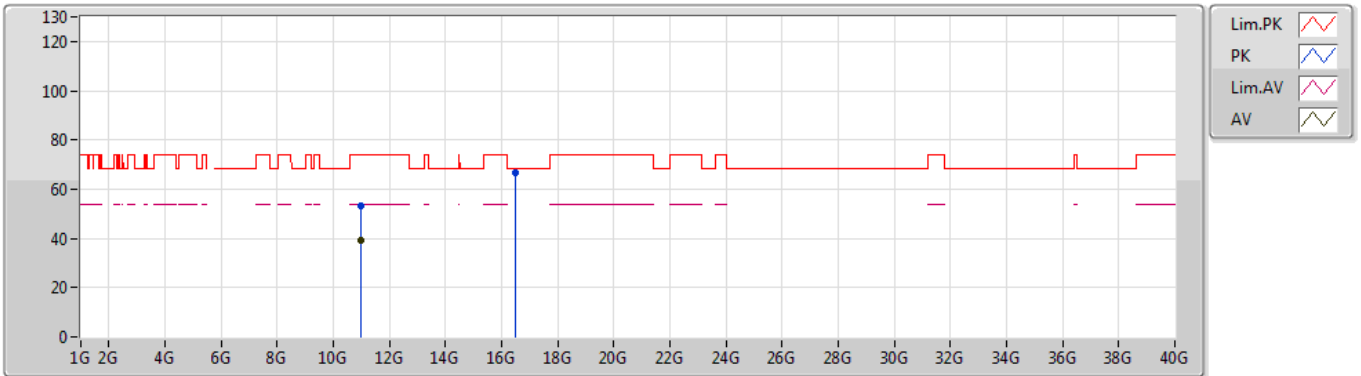
EUT Y_2TX
Setting 18.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.01254G	53.48	74.00	-20.52	11.71	3	Vertical	267	1.54	-	41.77			
AV	10.99322G	39.18	54.00	-14.82	11.71	3	Vertical	267	1.54	-	27.47			
PK	16.49358G	64.07	68.20	-4.13	15.73	3	Vertical	22	1.90	-	48.34			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5500MHz_TX



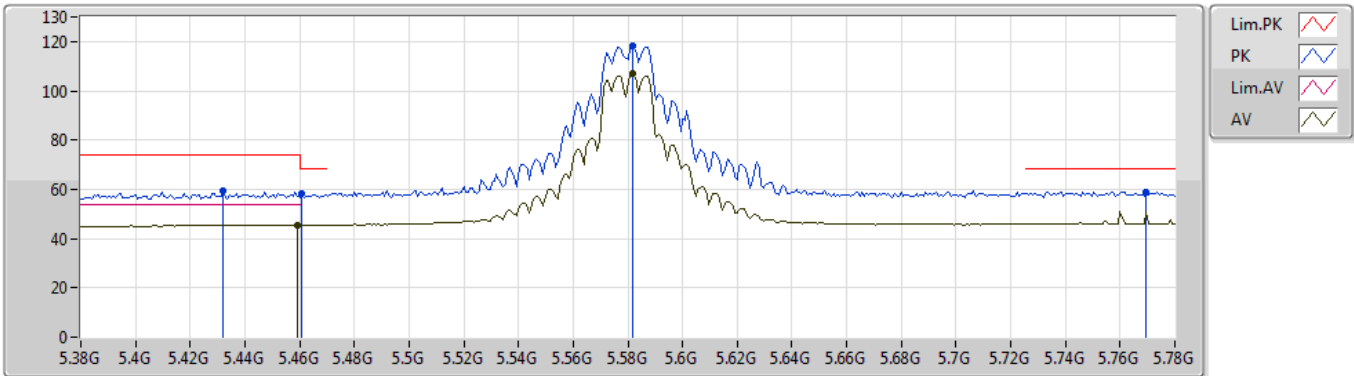
EUT Y_2TX
Setting 18.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.98998G	53.40	74.00	-20.60	11.70	3	Horizontal	186	1.87	-	41.70			
AV	11.00198G	39.20	54.00	-14.80	11.71	3	Horizontal	186	1.87	-	27.49			
PK	16.4955G	66.83	68.20	-1.37	15.74	3	Horizontal	292	1.86	-	51.09			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5580MHz_TX



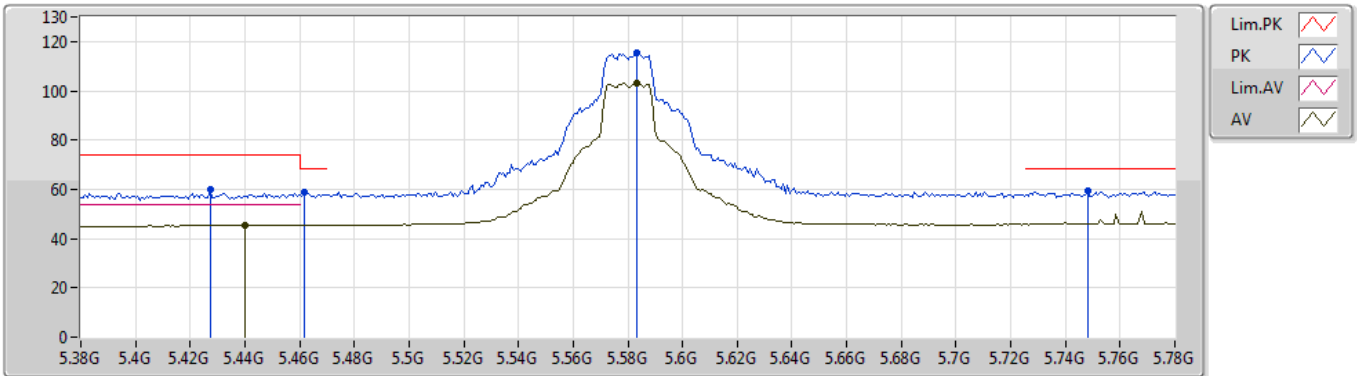
EUT Y_2TX
Setting 21.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.432G	59.29	74.00	-14.71	5.12	3	Vertical	270	1.13	-	54.17			
PK	5.4608G	58.37	68.20	-9.83	5.22	3	Vertical	270	1.13	-	53.15			
AV	5.4592G	45.50	54.00	-8.50	5.22	3	Vertical	270	1.13	-	40.28			
PK	5.5816G	118.43	Inf	-Inf	5.59	3	Vertical	270	1.13	-	112.84			
AV	5.5816G	106.92	Inf	-Inf	5.59	3	Vertical	270	1.13	-	101.33			
PK	5.7696G	59.09	68.20	-9.11	5.90	3	Vertical	270	1.13	-	53.19			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5580MHz_TX



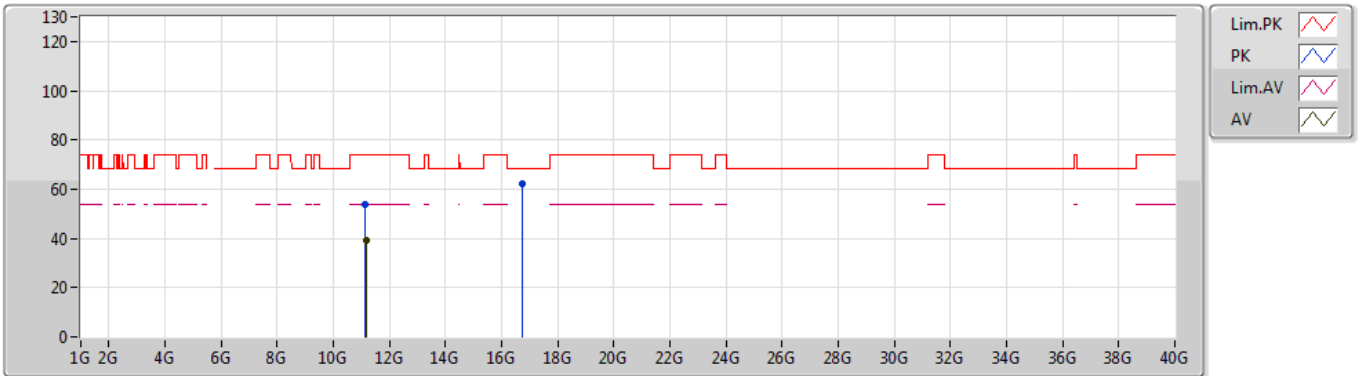
EUT Y_2TX
Setting 21.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4272G	59.88	74.00	-14.12	5.10	3	Horizontal	334	1.02	-	54.78			
AV	5.44G	45.48	54.00	-8.52	5.15	3	Horizontal	334	1.02	-	40.33			
PK	5.4616G	58.68	68.20	-9.52	5.22	3	Horizontal	334	1.02	-	53.46			
PK	5.5832G	115.24	Inf	-Inf	5.60	3	Horizontal	334	1.02	-	109.64			
AV	5.5832G	103.19	Inf	-Inf	5.60	3	Horizontal	334	1.02	-	97.59			
PK	5.748G	59.34	68.20	-8.86	5.85	3	Horizontal	334	1.02	-	53.49			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5580MHz_TX



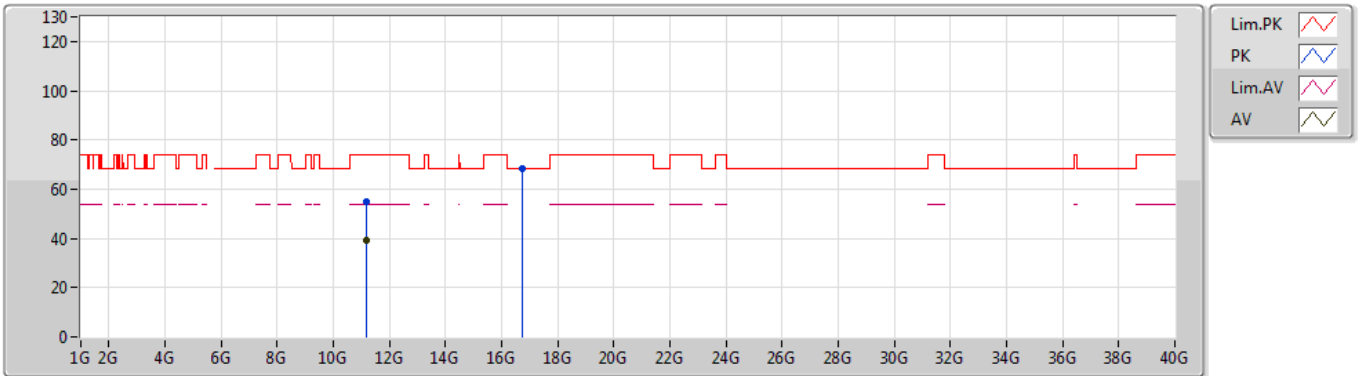
EUT Y_2TX
Setting 21.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.1534G	53.57	74.00	-20.43	11.78	3	Vertical	263	1.25	-	41.79			
AV	11.1705G	39.27	54.00	-14.73	11.78	3	Vertical	263	1.25	-	27.49			
PK	16.7358G	62.18	68.20	-6.02	16.64	3	Vertical	358	1.12	-	45.54			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5580MHz_TX



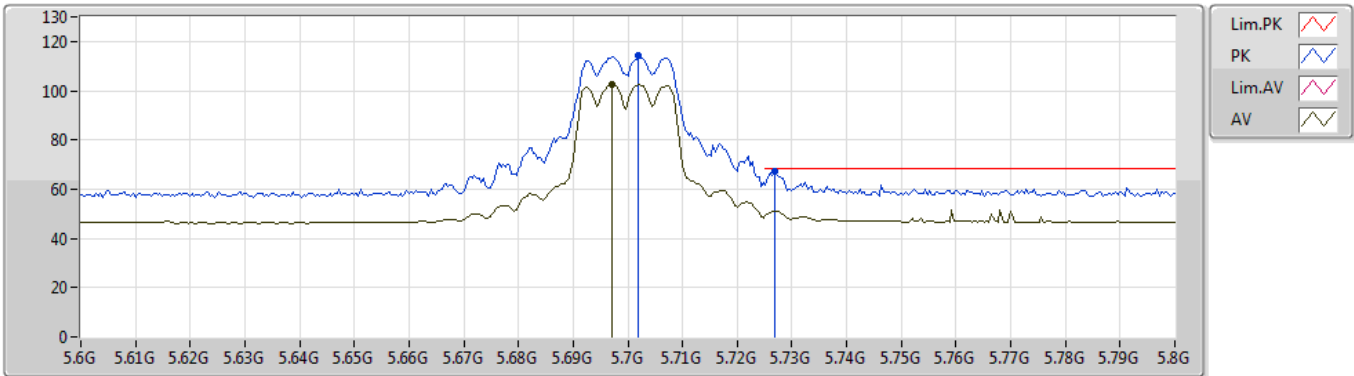
EUT Y_2TX
Setting 21.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.16876G	54.81	74.00	-19.19	11.78	3	Horizontal	289	1.87	-	43.03			
AV	11.17332G	39.26	54.00	-14.74	11.78	3	Horizontal	289	1.87	-	27.48			
PK	16.73208G	68.10	68.20	-0.10	16.62	3	Horizontal	293	1.86	-	51.48			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5700MHz_TX



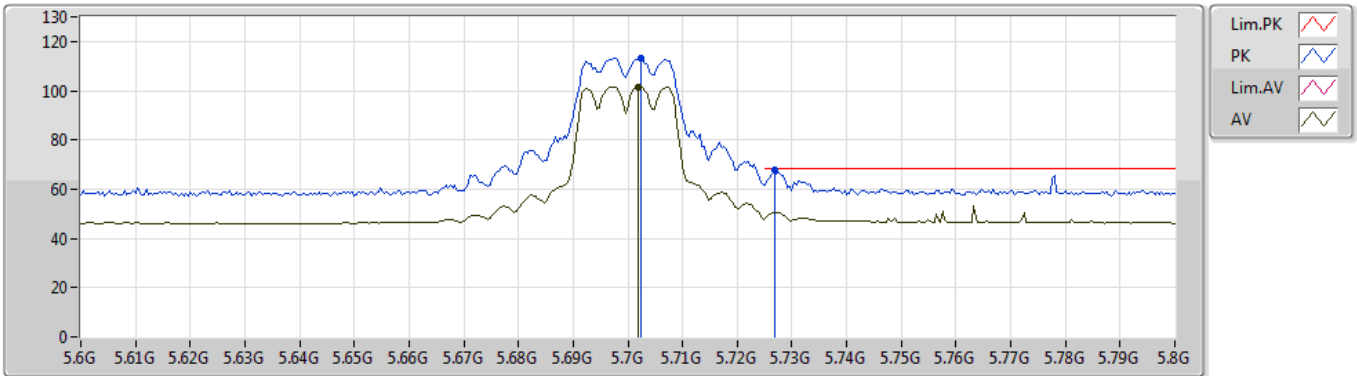
EUT V_2TX
Setting 17
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.702G	114.31	Inf	-Inf	5.74	3	Vertical	269	1.07	-	108.57			
AV	5.6972G	102.44	Inf	-Inf	5.74	3	Vertical	269	1.07	-	96.70			
PK	5.7268G	67.17	68.20	-1.03	5.79	3	Vertical	269	1.07	-	61.38			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5700MHz_TX



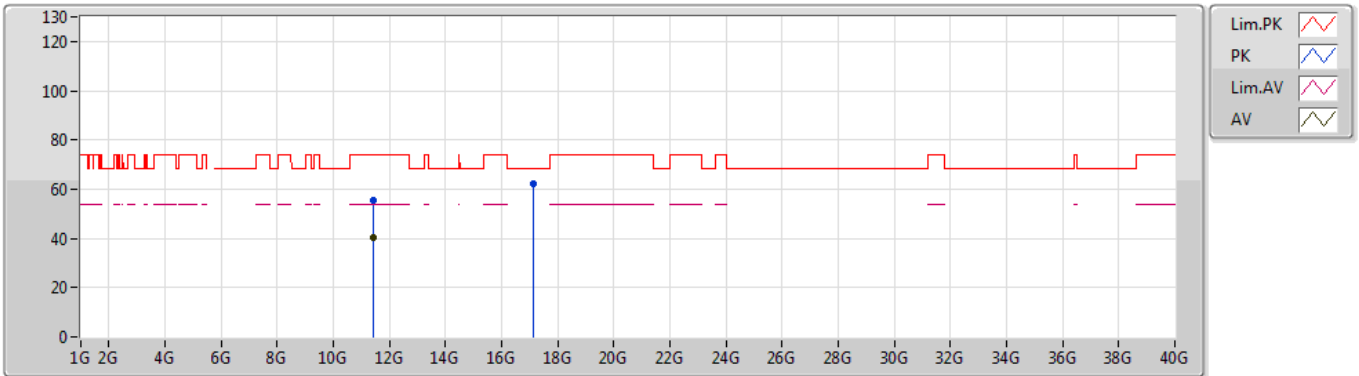
EUT V_2TX
Setting 17
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.7024G	113.17	Inf	-Inf	5.74	3	Horizontal	274	1.07	-	107.43			
AV	5.702G	101.60	Inf	-Inf	5.74	3	Horizontal	274	1.07	-	95.86			
PK	5.7268G	67.85	68.20	-0.35	5.79	3	Horizontal	274	1.07	-	62.06			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5700MHz_TX



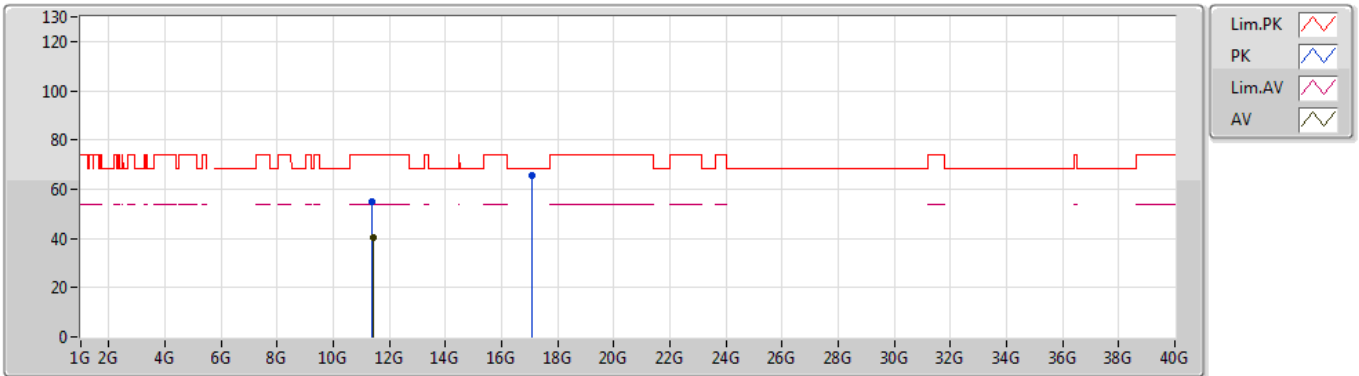
EUT Y_2TX
Setting 17
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.41098G	55.33	74.00	-18.67	11.89	3	Vertical	114	2.49	-	43.44			
AV	11.41356G	40.45	54.00	-13.55	11.89	3	Vertical	114	2.49	-	28.56			
PK	17.11092G	62.02	68.20	-6.18	17.82	3	Vertical	27	1.50	-	44.20			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5700MHz_TX



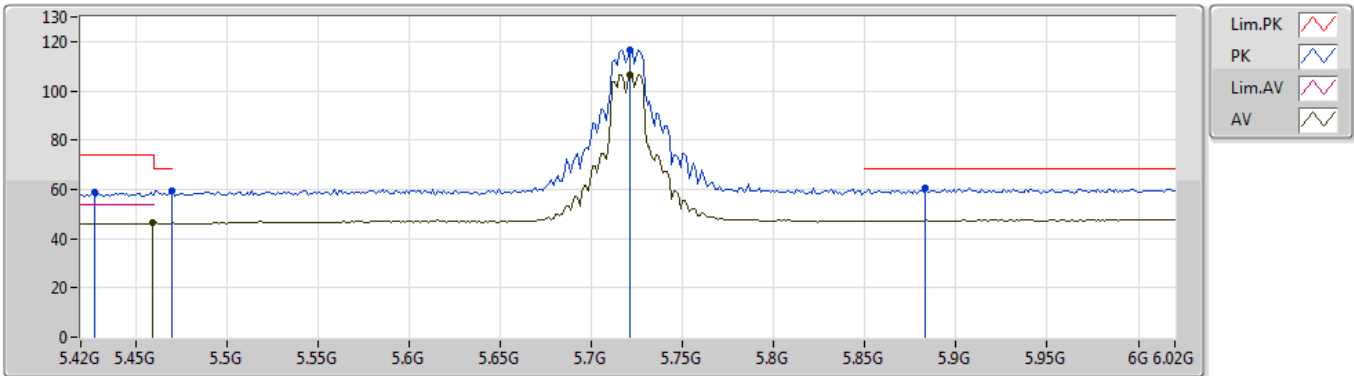
EUT V_2TX
Setting 17
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.39082G	55.19	74.00	-18.81	11.88	3	Horizontal	18	2.43	-	43.31			
AV	11.40768G	40.57	54.00	-13.43	11.89	3	Horizontal	18	2.43	-	28.68			
PK	17.0961G	65.76	68.20	-2.44	17.79	3	Horizontal	296	1.88	-	47.97			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5720MHz_TX



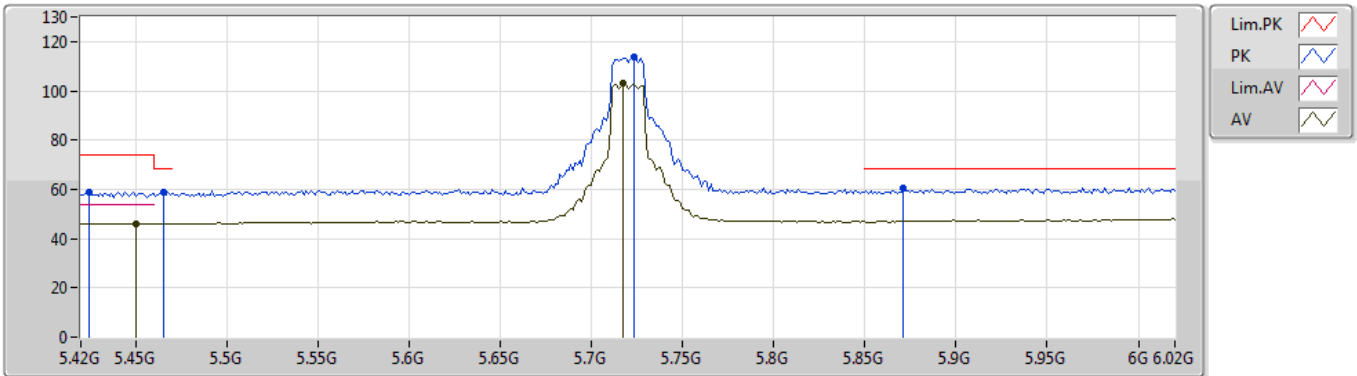
EUT Y_2TX
Setting 19
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4272G	58.89	74.00	-15.11	5.10	3	Vertical	262	1.03	-	53.79			
PK	5.47G	59.30	68.20	-8.90	5.26	3	Vertical	262	1.03	-	54.04			
AV	5.4596G	46.28	54.00	-7.72	5.22	3	Vertical	262	1.03	-	41.06			
PK	5.7212G	116.77	Inf	-Inf	5.79	3	Vertical	262	1.03	-	110.98			
AV	5.7212G	106.65	Inf	-Inf	5.79	3	Vertical	262	1.03	-	100.86			
PK	5.8832G	60.77	68.20	-7.43	6.58	3	Vertical	262	1.03	-	54.19			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5720MHz_TX



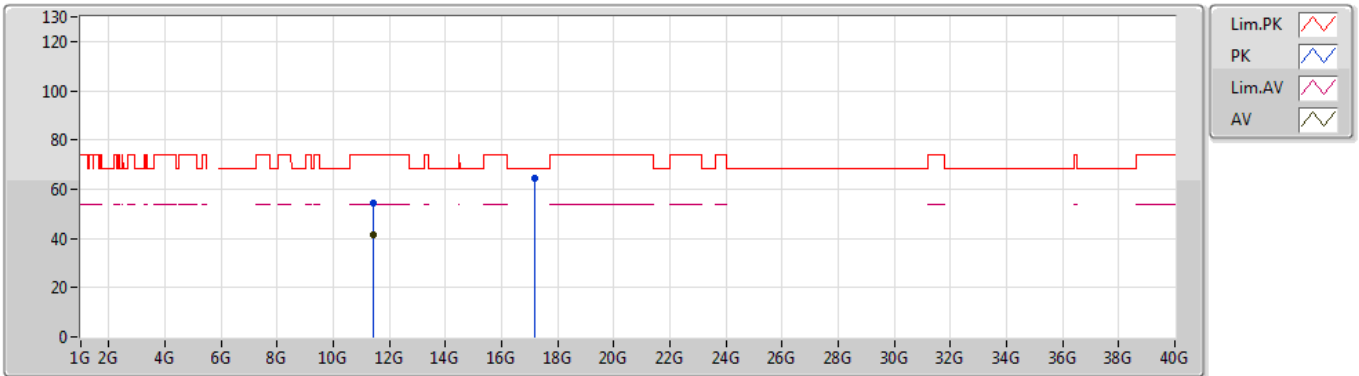
EUT Y_2TX
Setting 19
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4248G	58.85	74.00	-15.15	5.08	3	Horizontal	317	1.01	-	53.77			
PK	5.4656G	59.03	68.20	-9.17	5.25	3	Horizontal	317	1.01	-	53.78			
AV	5.45G	46.09	54.00	-7.91	5.19	3	Horizontal	317	1.01	-	40.90			
PK	5.7236G	113.62	Inf	-Inf	5.80	3	Horizontal	317	1.01	-	107.82			
AV	5.7176G	102.96	Inf	-Inf	5.79	3	Horizontal	317	1.01	-	97.17			
PK	5.8712G	60.68	68.20	-7.52	6.49	3	Horizontal	317	1.01	-	54.19			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5720MHz_TX



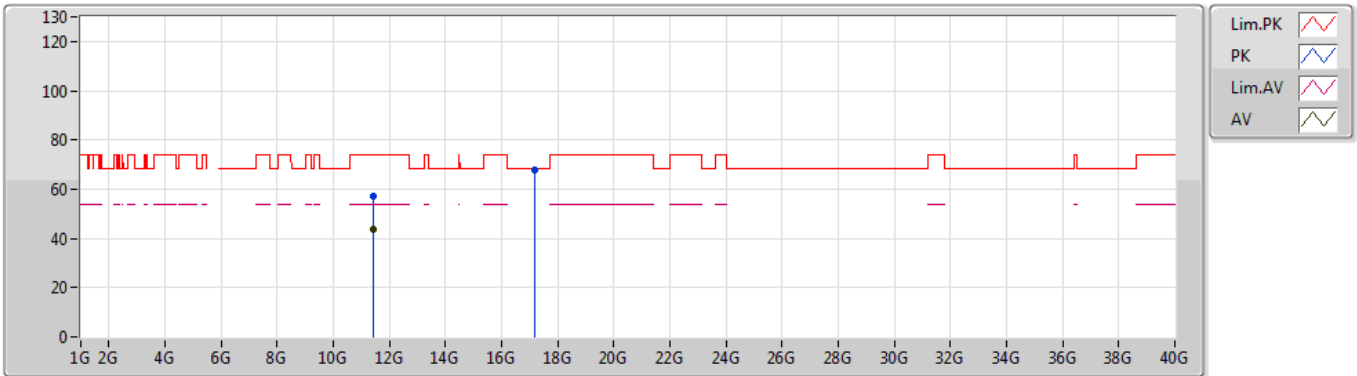
EUT Y_2TX
Setting 19
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.43264G	54.60	74.00	-19.40	11.91	3	Vertical	113	1.83	-	42.69			
AV	11.44192G	41.24	54.00	-12.76	11.90	3	Vertical	113	1.83	-	29.34			
PK	17.1752G	64.42	68.20	-3.78	17.94	3	Vertical	302	1.50	-	46.48			

802.11a_Nss1,(6Mbps)_2TX

06/08/2019

5720MHz_TX



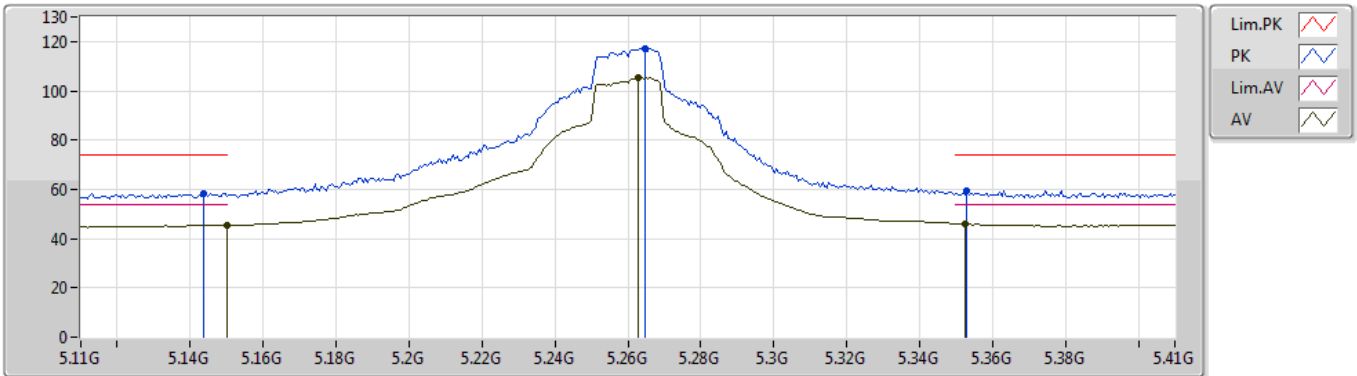
EUT Y_2TX
Setting 19
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.44704G	57.04	74.00	-16.96	11.90	3	Horizontal	211	2.14	-	45.14			
AV	11.44192G	43.46	54.00	-10.54	11.90	3	Horizontal	211	2.14	-	31.56			
PK	17.15744G	67.98	68.20	-0.22	17.90	3	Horizontal	286	1.86	-	50.08			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5260MHz_TX



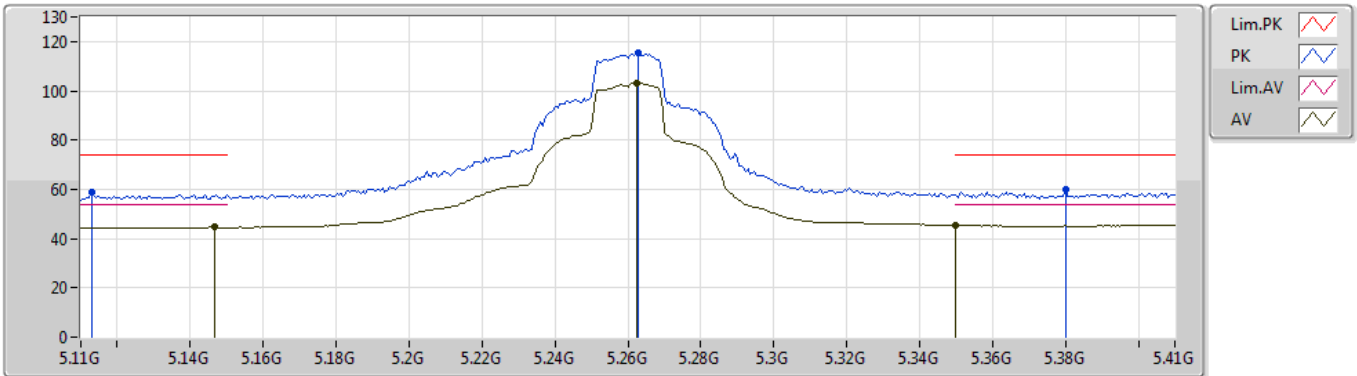
EUT_V_2TX
Setting 21.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1436G	58.27	74.00	-15.73	4.24	3	Vertical	97	2.07	-	54.03			
AV	5.15G	45.47	54.00	-8.53	4.25	3	Vertical	97	2.07	-	41.22			
PK	5.2648G	117.10	Inf	-Inf	4.51	3	Vertical	97	2.07	-	112.59			
AV	5.263G	105.30	Inf	-Inf	4.50	3	Vertical	97	2.07	-	100.80			
PK	5.353G	59.64	74.00	-14.36	4.82	3	Vertical	97	2.07	-	54.82			
AV	5.3524G	45.89	54.00	-8.11	4.82	3	Vertical	97	2.07	-	41.07			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5260MHz_TX



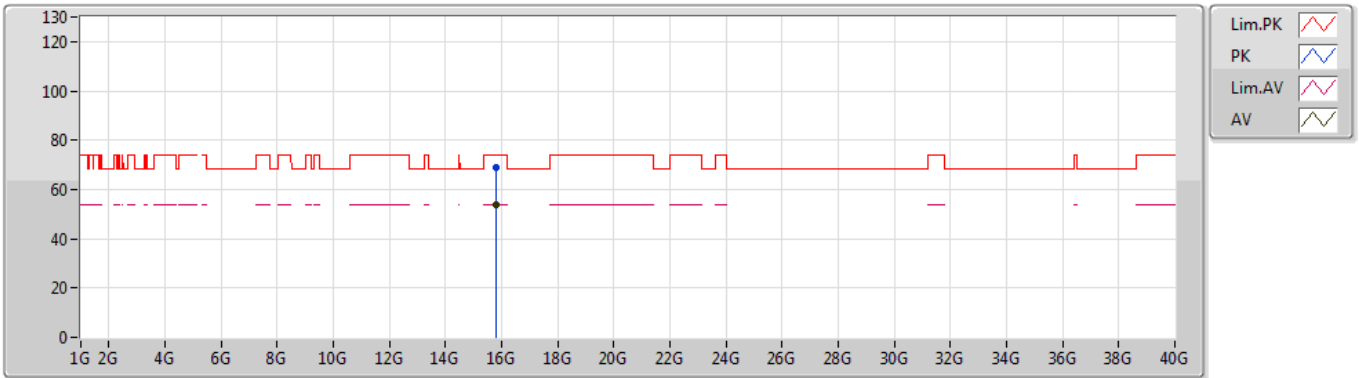
EUT_Y_2TX
Setting 21.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.113G	58.68	74.00	-15.32	4.22	3	Horizontal	358	1.79	-	54.46			
AV	5.1466G	44.61	54.00	-9.39	4.25	3	Horizontal	358	1.79	-	40.36			
PK	5.263G	115.18	Inf	-Inf	4.50	3	Horizontal	358	1.79	-	110.68			
AV	5.2624G	103.00	Inf	-Inf	4.50	3	Horizontal	358	1.79	-	98.50			
PK	5.38G	60.19	74.00	-13.81	4.92	3	Horizontal	358	1.79	-	55.27			
AV	5.35G	45.34	54.00	-8.66	4.81	3	Horizontal	358	1.79	-	40.53			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5260MHz_TX



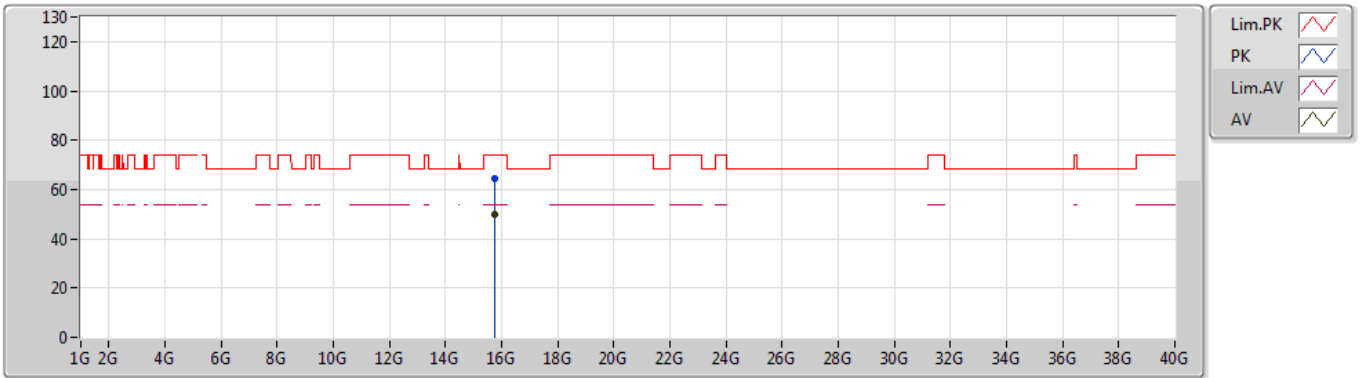
EUT_Y_2TX
Setting 21.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.78128G	68.83	74.00	-5.17	14.16	3	Vertical	0	1.55	-	54.67			
AV	15.78188G	53.85	54.00	-0.15	14.16	3	Vertical	0	1.55	-	39.69			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5260MHz_TX



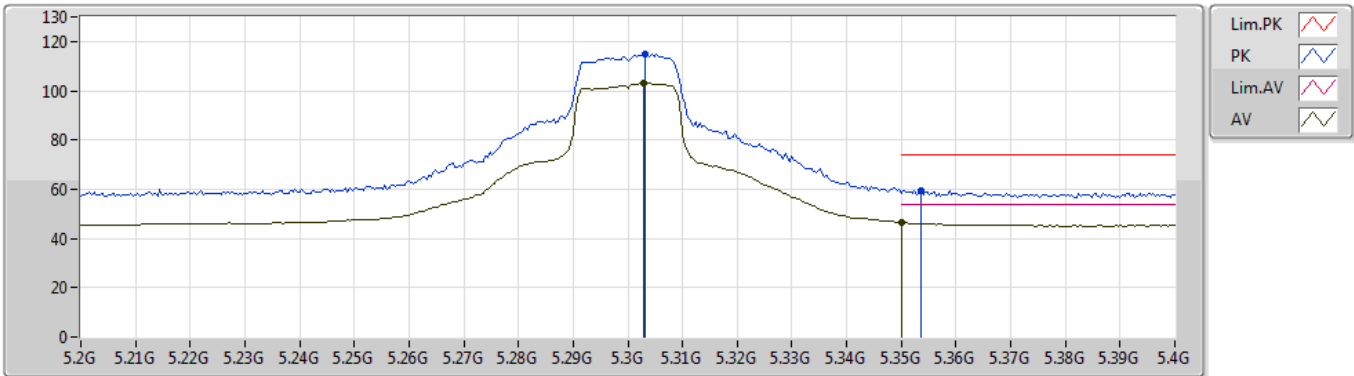
EUT Y_2TX
Setting 21.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.77704G	64.44	74.00	-9.56	14.16	3	Horizontal	351	1.50	-	50.28			
AV	15.77792G	49.97	54.00	-4.03	14.16	3	Horizontal	351	1.50	-	35.81			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5300MHz_TX



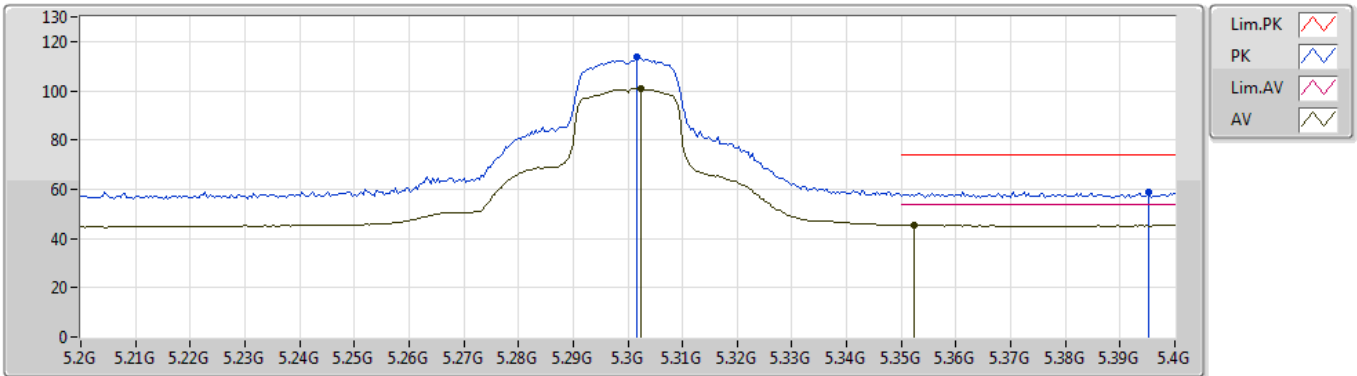
EUT Y_2TX
Setting 18
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3032G	114.76	Inf	-Inf	4.65	3	Vertical	105	2.04	-	110.11			
AV	5.3028G	102.98	Inf	-Inf	4.65	3	Vertical	105	2.04	-	98.33			
PK	5.3536G	59.42	74.00	-14.58	4.82	3	Vertical	105	2.04	-	54.60			
AV	5.35G	46.30	54.00	-7.70	4.81	3	Vertical	105	2.04	-	41.49			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5300MHz_TX



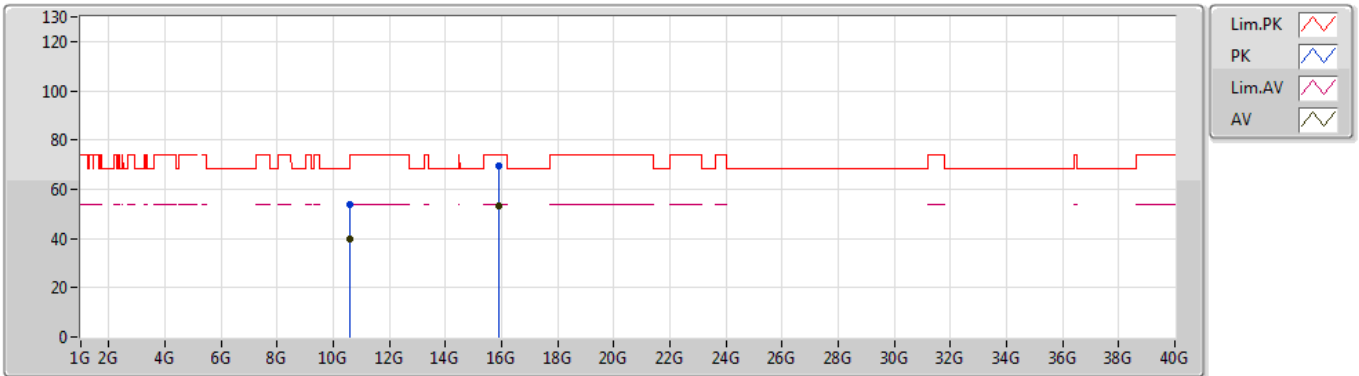
EUT V_2TX
Setting 18
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3016G	113.62	Inf	-Inf	4.64	3	Horizontal	359	1.50	-	108.98			
AV	5.3024G	100.79	Inf	-Inf	4.65	3	Horizontal	359	1.50	-	96.14			
PK	5.3952G	58.77	74.00	-15.23	4.98	3	Horizontal	359	1.50	-	53.79			
AV	5.3524G	45.44	54.00	-8.56	4.82	3	Horizontal	359	1.50	-	40.62			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5300MHz_TX



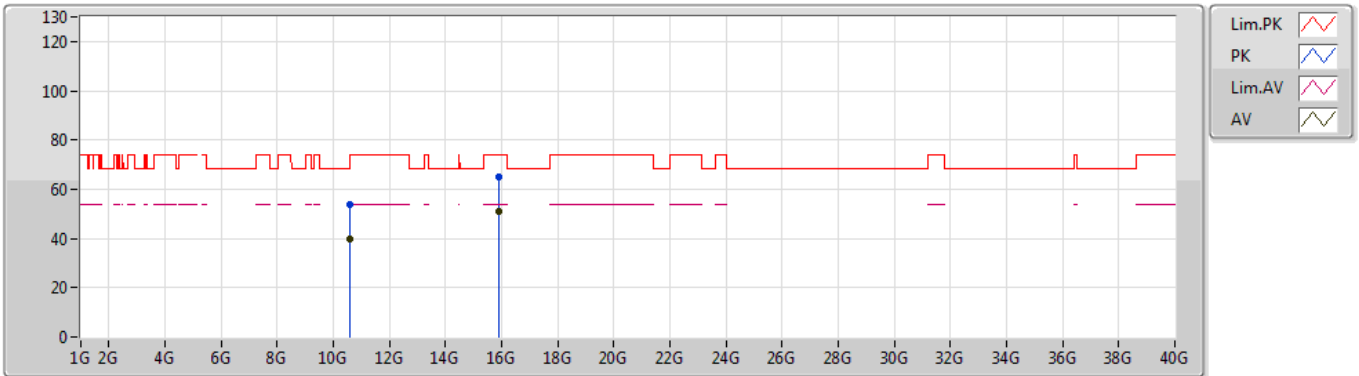
EUT Y_2TX
Setting 18
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.59622G	53.81	68.20	-14.39	11.17	3	Vertical	303	1.16	-	42.64			
AV	10.60192G	39.82	54.00	-14.18	11.17	3	Vertical	303	1.16	-	28.65			
PK	15.90012G	69.49	74.00	-4.51	14.02	3	Vertical	6	1.52	-	55.47			
AV	15.90114G	53.51	54.00	-0.49	14.02	3	Vertical	6	1.52	-	39.49			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5300MHz_TX



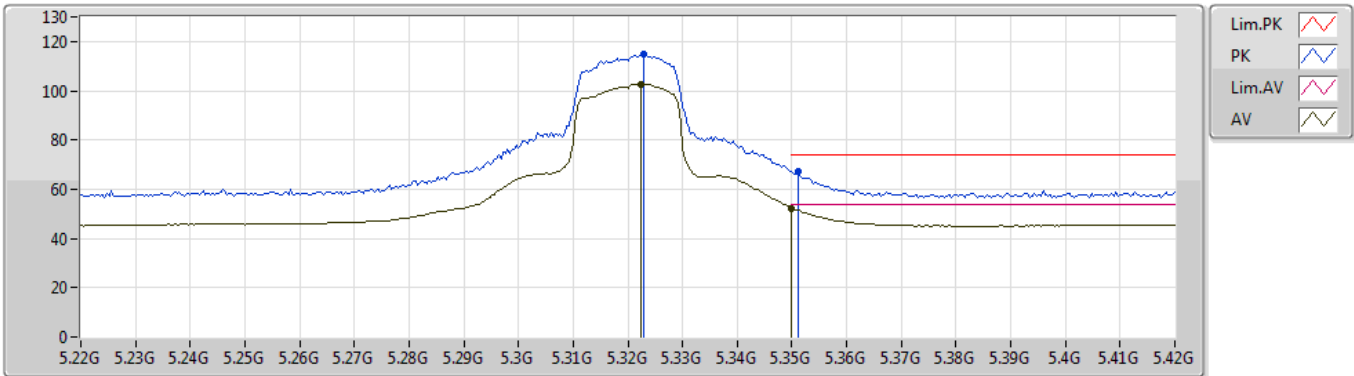
EUT Y_2TX
Setting 18
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.6048G	53.86	74.00	-20.14	11.18	3	Horizontal	179	2.35	-	42.68			
AV	10.60486G	40.05	54.00	-13.95	11.18	3	Horizontal	179	2.35	-	28.87			
PK	15.89454G	65.28	74.00	-8.72	14.02	3	Horizontal	69	2.19	-	51.26			
AV	15.8955G	50.76	54.00	-3.24	14.02	3	Horizontal	69	2.19	-	36.74			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5320MHz_TX



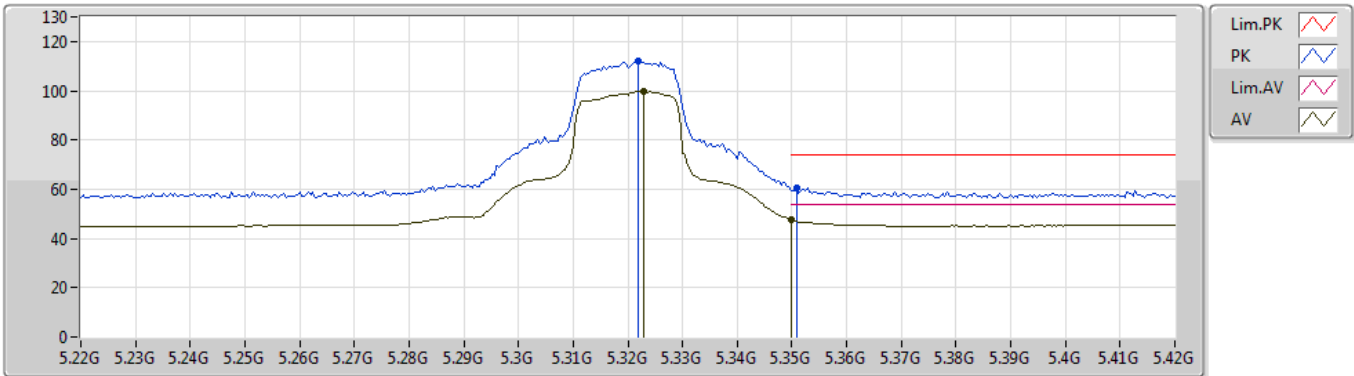
EUT Y_2TX
Setting 17
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3228G	114.67	Inf	-Inf	4.72	3	Vertical	98	2.59	-	109.95			
AV	5.3224G	102.66	Inf	-Inf	4.72	3	Vertical	98	2.59	-	97.94			
PK	5.3512G	67.10	74.00	-6.90	4.81	3	Vertical	98	2.59	-	62.29			
AV	5.35G	52.35	54.00	-1.65	4.81	3	Vertical	98	2.59	-	47.54			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5320MHz_TX



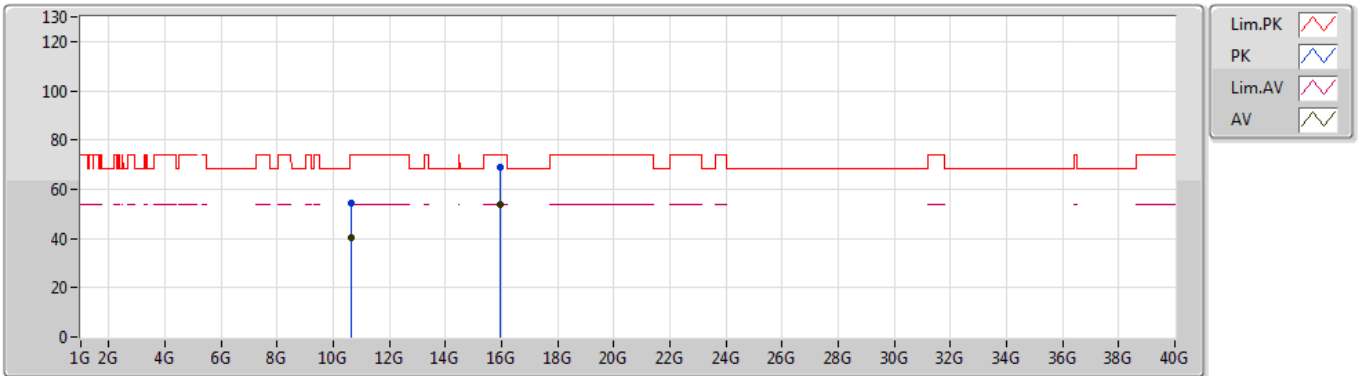
EUT Y_2TX
Setting 17
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.322G	111.97	Inf	-Inf	4.72	3	Horizontal	2	1.87	-	107.25			
AV	5.3228G	99.78	Inf	-Inf	4.72	3	Horizontal	2	1.87	-	95.06			
PK	5.3508G	60.58	74.00	-13.42	4.81	3	Horizontal	2	1.87	-	55.77			
AV	5.35G	47.37	54.00	-6.63	4.81	3	Horizontal	2	1.87	-	42.56			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5320MHz_TX



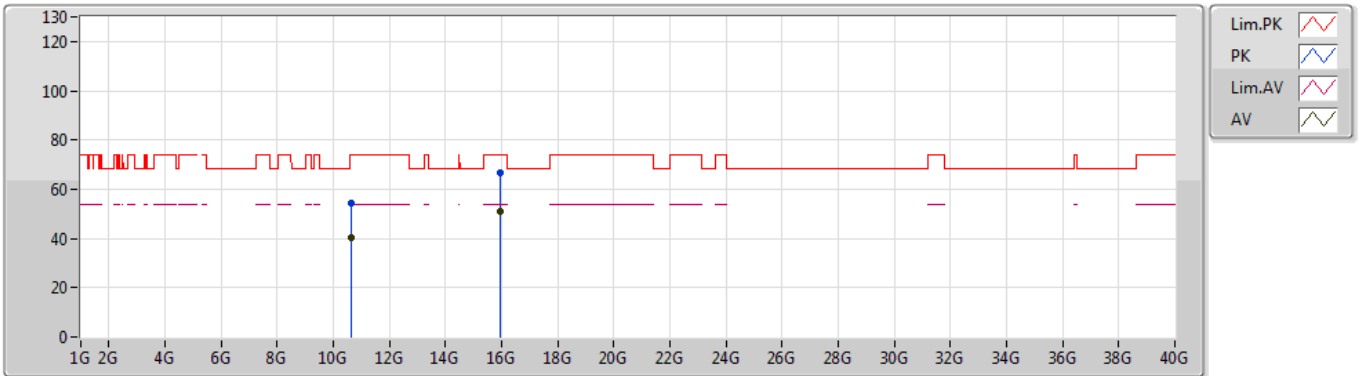
EUT Y_2TX
Setting 17
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.6511G	54.34	74.00	-19.66	11.24	3	Vertical	332	1.17	-	43.10			
AV	10.63346G	40.35	54.00	-13.65	11.23	3	Vertical	332	1.17	-	29.12			
PK	15.96048G	68.83	74.00	-5.17	13.95	3	Vertical	5	1.54	-	54.88			
AV	15.96174G	53.81	54.00	-0.19	13.94	3	Vertical	5	1.54	-	39.87			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5320MHz_TX



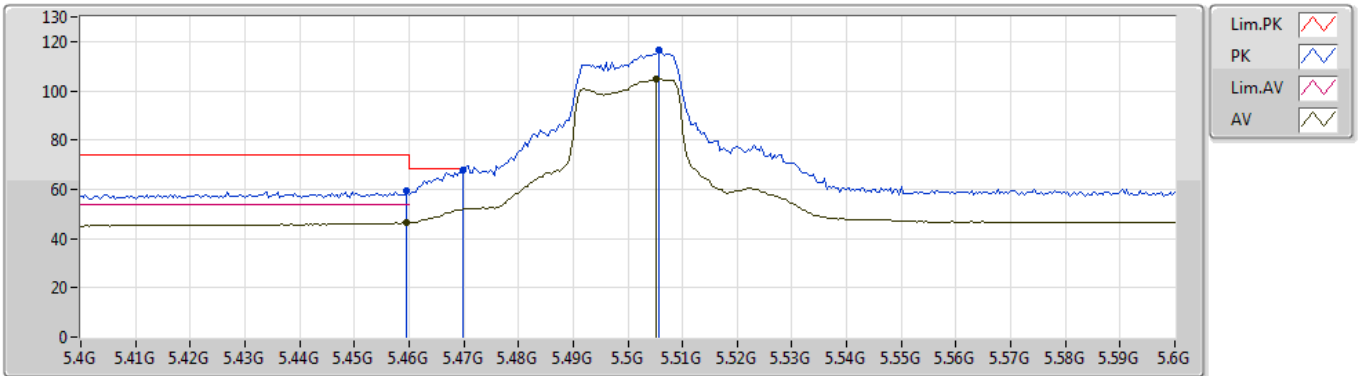
EUT Y_2TX
Setting 17
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.63706G	54.23	74.00	-19.77	11.23	3	Horizontal	246	1.38	-	43.00			
AV	10.63352G	40.30	54.00	-13.70	11.23	3	Horizontal	246	1.38	-	29.07			
PK	15.96978G	66.95	74.00	-7.05	13.93	3	Horizontal	294	1.91	-	53.02			
AV	15.95304G	51.08	54.00	-2.92	13.96	3	Horizontal	294	1.91	-	37.12			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5500MHz_TX



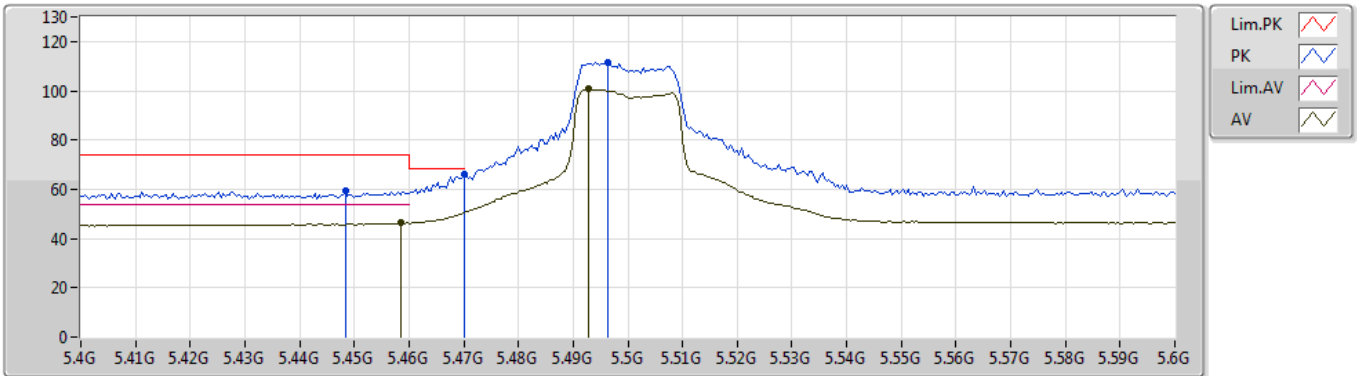
EUT Y_2TX
Setting 18.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4596G	59.40	74.00	-14.60	5.22	3	Vertical	245	2.37	-	54.18			
AV	5.4596G	46.46	54.00	-7.54	5.22	3	Vertical	245	2.37	-	41.24			
PK	5.4699G	67.80	68.20	-0.40	5.26	3	Vertical	245	2.37	-	62.54			
PK	5.5056G	116.65	Inf	-Inf	5.39	3	Vertical	245	2.37	-	111.26			
AV	5.5052G	104.62	Inf	-Inf	5.39	3	Vertical	245	2.37	-	99.23			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5500MHz_TX



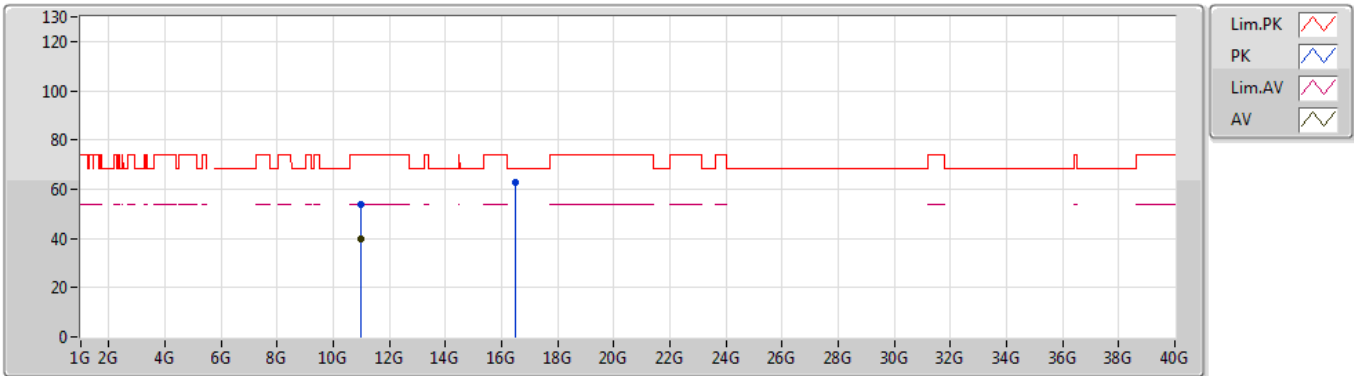
EUT Y_2TX
Setting 18.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4484G	59.13	74.00	-14.87	5.19	3	Horizontal	331	1.15	-	53.94			
AV	5.4584G	46.37	54.00	-7.63	5.22	3	Horizontal	331	1.15	-	41.15			
PK	5.47G	66.11	68.20	-2.09	5.26	3	Horizontal	331	1.15	-	60.85			
PK	5.4964G	111.65	Inf	-Inf	5.37	3	Horizontal	331	1.15	-	106.28			
AV	5.4928G	100.74	Inf	-Inf	5.35	3	Horizontal	331	1.15	-	95.39			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5500MHz_TX



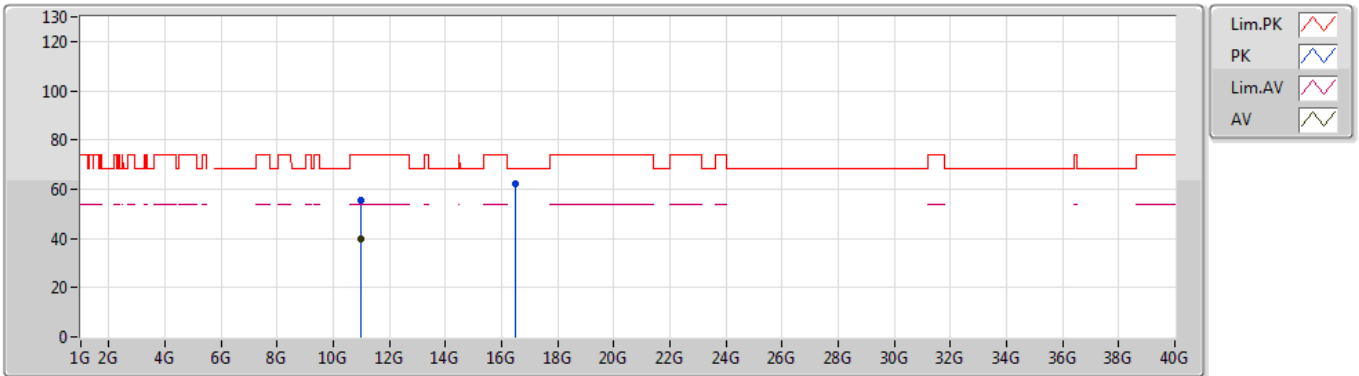
EUT Y_2TX
Setting 18.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.9994G	53.98	74.00	-20.02	11.71	3	Vertical	265	2.20	-	42.27			
AV	10.98776G	39.89	54.00	-14.11	11.69	3	Vertical	265	2.20	-	28.20			
PK	16.50984G	62.66	68.20	-5.54	15.80	3	Vertical	296	2.37	-	46.86			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5500MHz_TX



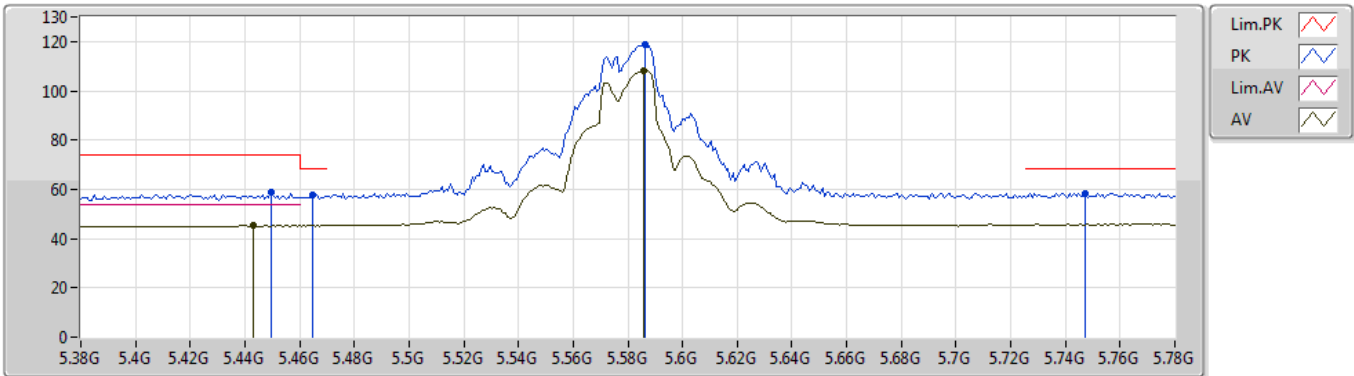
EUT Y_2TX
Setting 18.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0078G	55.50	74.00	-18.50	11.71	3	Horizontal	149	1.93	-	43.79			
AV	10.99016G	39.87	54.00	-14.13	11.70	3	Horizontal	149	1.93	-	28.17			
PK	16.48974G	62.07	68.20	-6.13	15.71	3	Horizontal	25	2.09	-	46.36			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5580MHz_TX



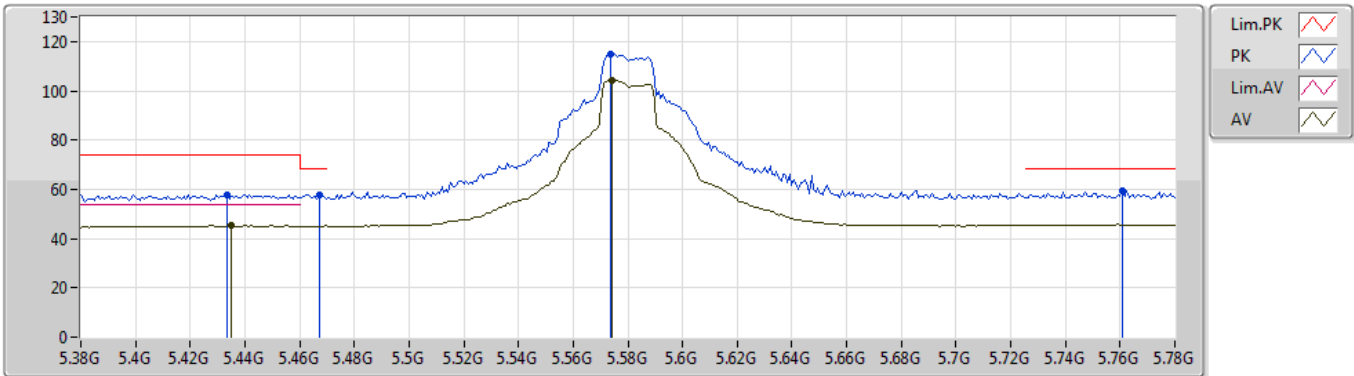
EUT Y_2TX
Setting 22.5
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4496G	58.84	74.00	-15.16	5.19	3	Vertical	270	1.13	-	53.65			
AV	5.4432G	45.39	54.00	-8.61	5.16	3	Vertical	270	1.13	-	40.23			
PK	5.4648G	57.81	68.20	-10.39	5.23	3	Vertical	270	1.13	-	52.58			
PK	5.5864G	118.61	Inf	-Inf	5.60	3	Vertical	270	1.13	-	113.01			
AV	5.5856G	107.98	Inf	-Inf	5.60	3	Vertical	270	1.13	-	102.38			
PK	5.7472G	58.47	68.20	-9.73	5.84	3	Vertical	270	1.13	-	52.63			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5580MHz_TX



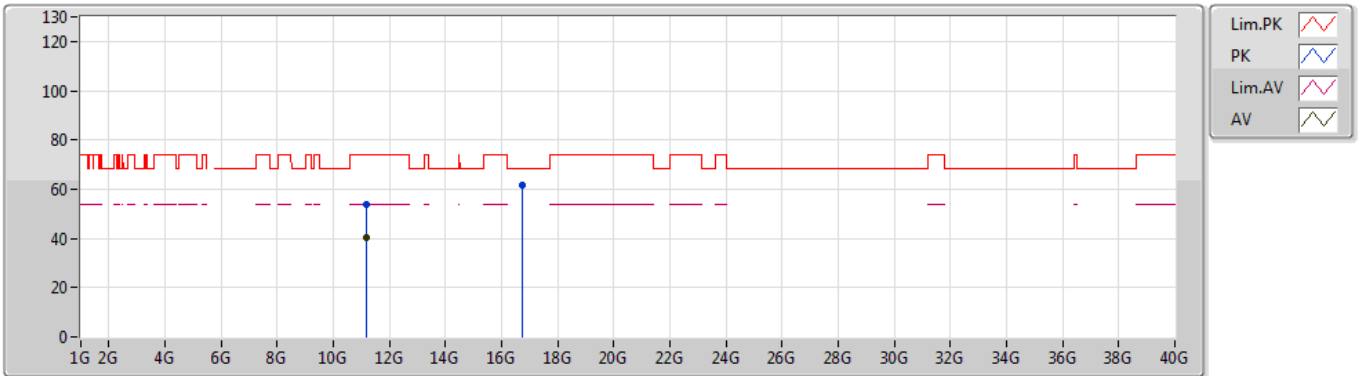
EUT Y_2TX
Setting 22.5
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4336G	57.87	74.00	-16.13	5.12	3	Horizontal	319	1.07	-	52.75			
AV	5.4352G	45.31	54.00	-8.69	5.14	3	Horizontal	319	1.07	-	40.17			
PK	5.4672G	57.93	68.20	-10.27	5.25	3	Horizontal	319	1.07	-	52.68			
PK	5.5736G	114.68	Inf	-Inf	5.58	3	Horizontal	319	1.07	-	109.10			
AV	5.5744G	104.22	Inf	-Inf	5.58	3	Horizontal	319	1.07	-	98.64			
PK	5.7608G	59.38	68.20	-8.82	5.87	3	Horizontal	319	1.07	-	53.51			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5580MHz_TX



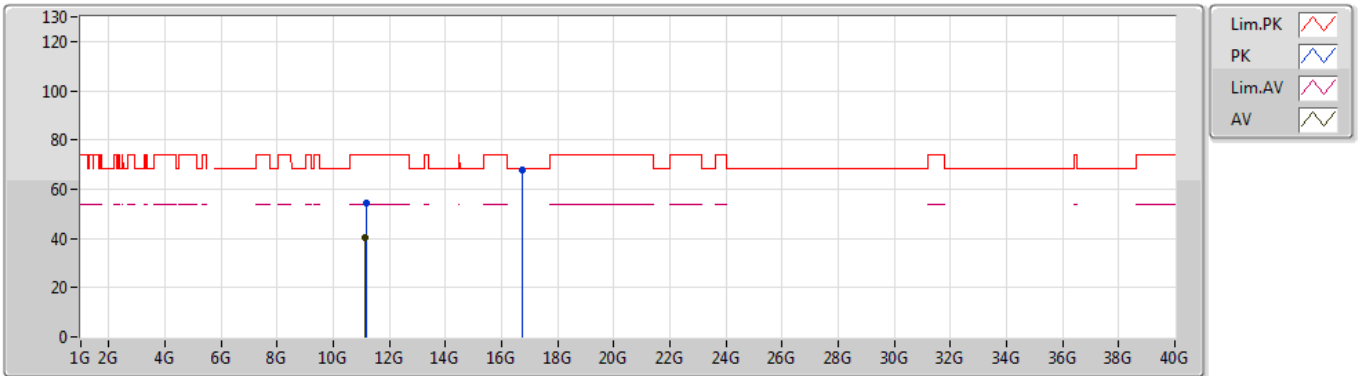
EUT Y_2TX
Setting 22.5
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.16876G	53.91	74.00	-20.09	11.78	3	Vertical	57	2.25	-	42.13			
AV	11.16582G	40.23	54.00	-13.77	11.78	3	Vertical	57	2.25	-	28.45			
PK	16.73046G	61.54	68.20	-6.66	16.62	3	Vertical	42	1.21	-	44.92			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5580MHz_TX



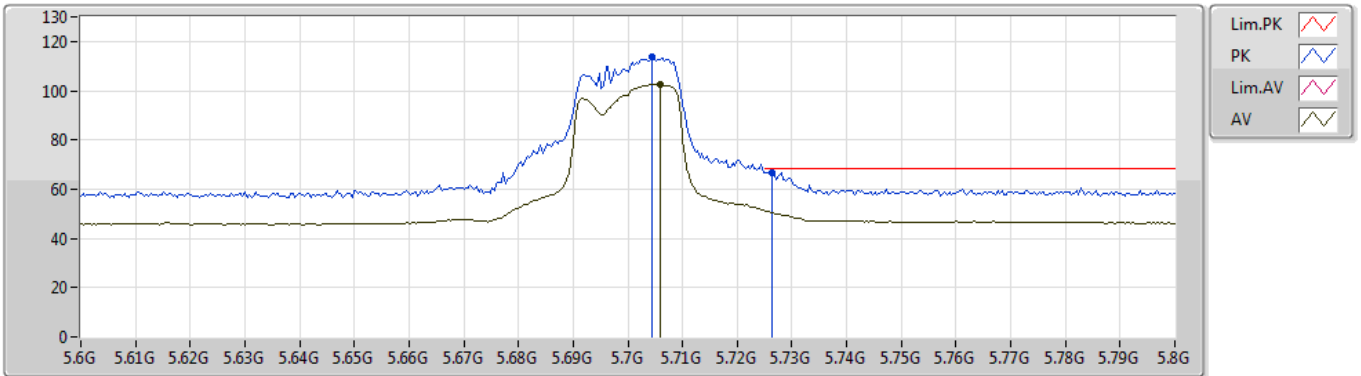
EUT Y_2TX
Setting 22.5
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.15724G	54.48	74.00	-19.52	11.78	3	Horizontal	187	1.23	-	42.70			
AV	11.15472G	40.35	54.00	-13.65	11.78	3	Horizontal	187	1.23	-	28.57			
PK	16.74222G	68.03	68.20	-0.17	16.66	3	Horizontal	290	1.84	-	51.37			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5700MHz_TX



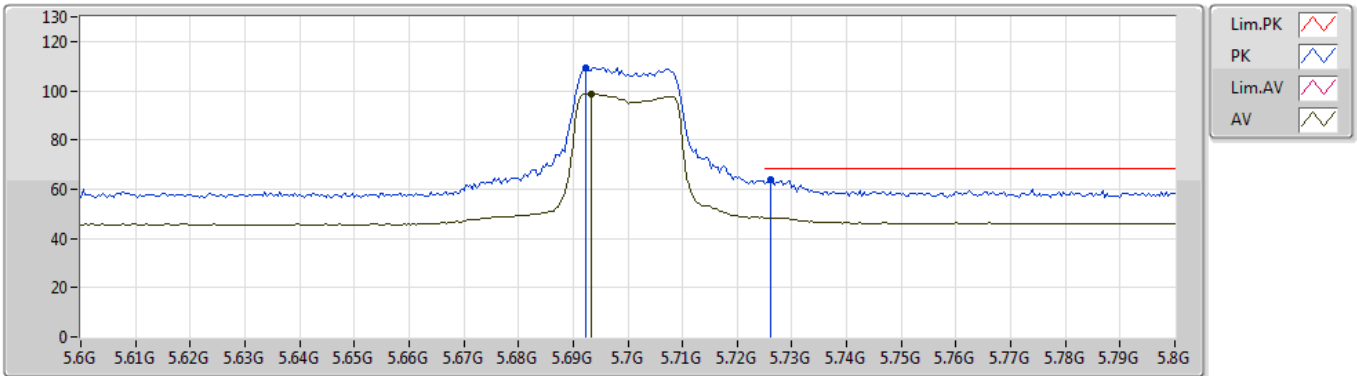
EUT V_2TX
Setting 16.5
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.7044G	113.72	Inf	-Inf	5.75	3	Vertical	268	1.09	-	107.97			
AV	5.706G	102.46	Inf	-Inf	5.75	3	Vertical	268	1.09	-	96.71			
PK	5.7264G	66.84	68.20	-1.36	5.79	3	Vertical	268	1.09	-	61.05			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5700MHz_TX



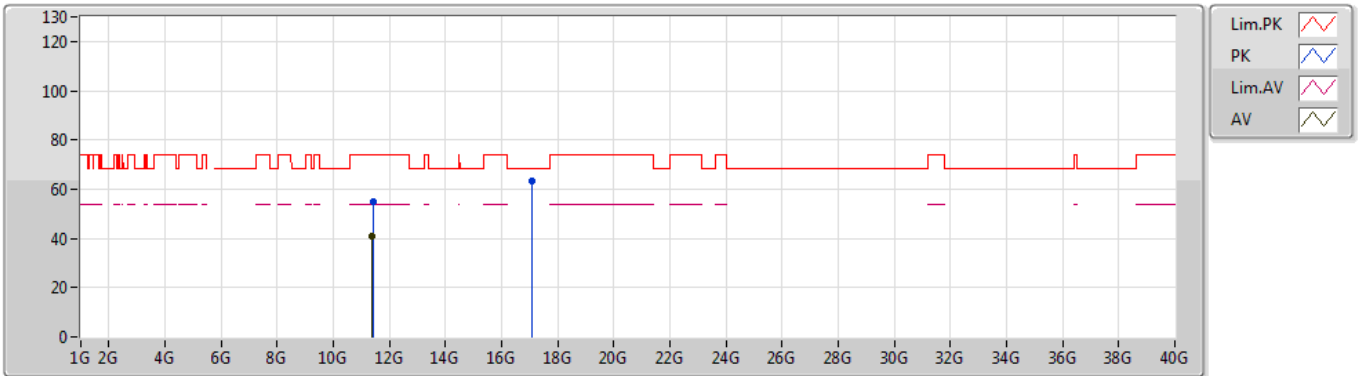
EUT V_2TX
Setting 16.5
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6924G	109.54	Inf	-Inf	5.73	3	Horizontal	318	1.01	-	103.81			
AV	5.6932G	98.52	Inf	-Inf	5.73	3	Horizontal	318	1.01	-	92.79			
PK	5.726G	63.69	68.20	-4.51	5.79	3	Horizontal	318	1.01	-	57.90			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5700MHz_TX



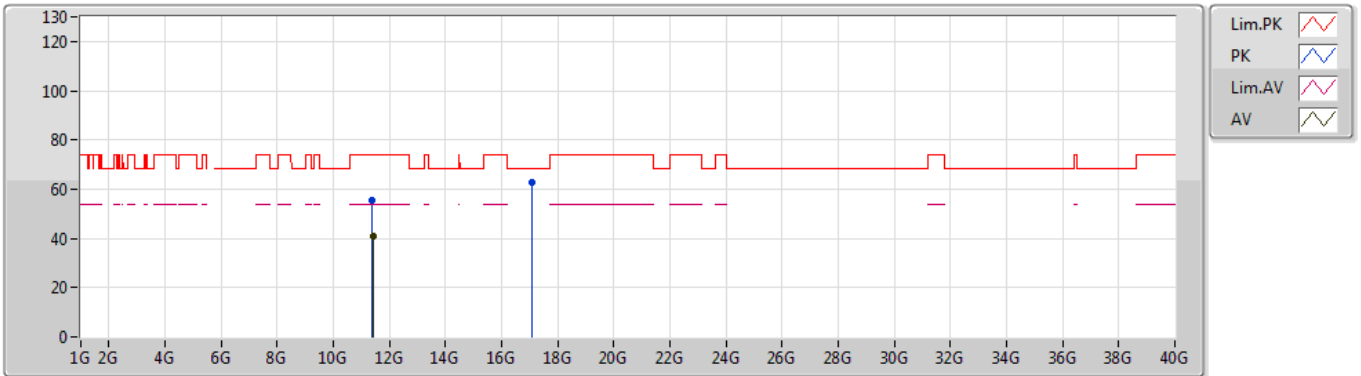
EUT Y_2TX
Setting 16.5
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.4021G	54.98	74.00	-19.02	11.89	3	Vertical	95	1.96	-	43.09			
AV	11.38971G	41.15	54.00	-12.85	11.88	3	Vertical	95	1.96	-	29.27			
PK	17.0848G	63.46	68.20	-4.74	17.77	3	Vertical	30	1.50	-	45.69			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5700MHz_TX



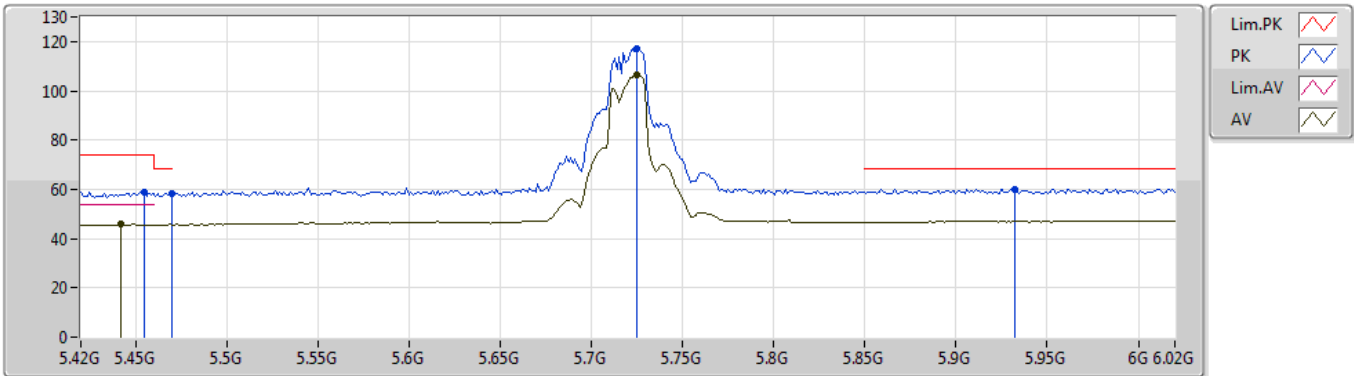
EUT Y_2TX
Setting 16.5
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.3974G	55.51	74.00	-18.49	11.88	3	Horizontal	46	2.19	-	43.63			
AV	11.402G	41.16	54.00	-12.84	11.89	3	Horizontal	46	2.19	-	29.27			
PK	17.0956G	62.66	68.20	-5.54	17.79	3	Horizontal	353	1.50	-	44.87			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5720MHz_TX



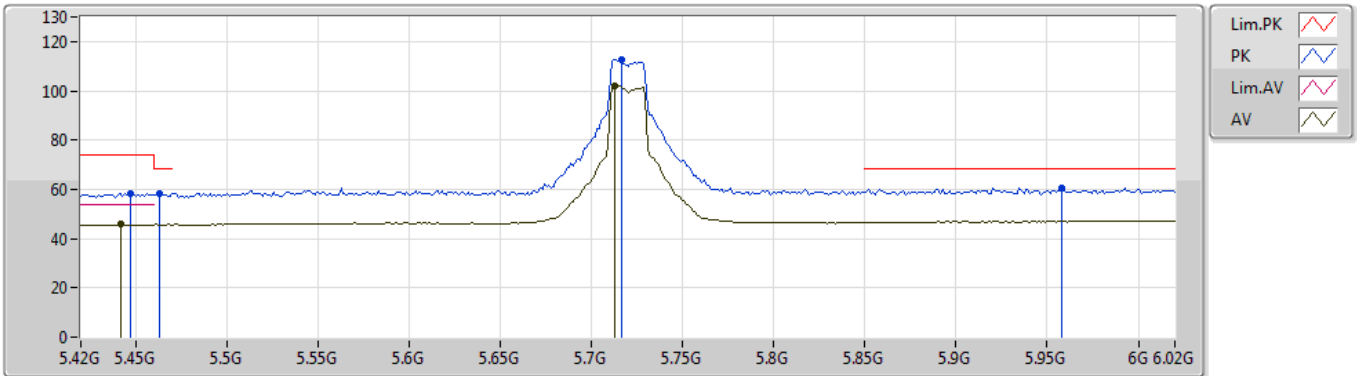
EUT Y_2TX
Setting 19.5
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4548G	58.99	74.00	-15.01	5.19	3	Vertical	261	1.07	-	53.80			
AV	5.4416G	45.71	54.00	-8.29	5.15	3	Vertical	261	1.07	-	40.56			
PK	5.47G	58.46	68.20	-9.74	5.26	3	Vertical	261	1.07	-	53.20			
PK	5.7248G	117.38	Inf	-Inf	5.80	3	Vertical	261	1.07	-	111.58			
AV	5.7248G	106.24	Inf	-Inf	5.80	3	Vertical	261	1.07	-	100.44			
PK	5.9324G	60.08	68.20	-8.12	6.85	3	Vertical	261	1.07	-	53.23			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5720MHz_TX



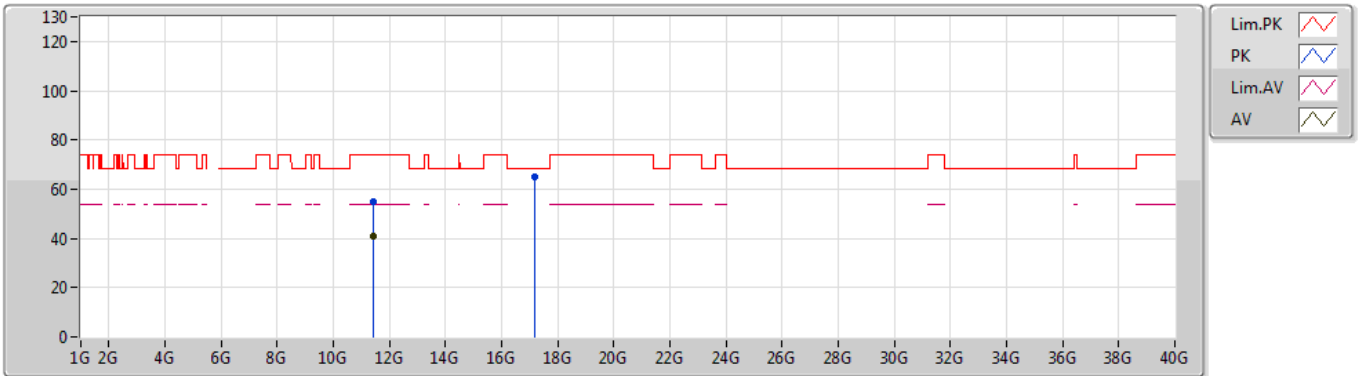
EUT Y_2TX
Setting 19.5
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4476G	58.14	74.00	-15.86	5.18	3	Horizontal	323	1.03	-	52.96			
AV	5.4416G	45.68	54.00	-8.32	5.15	3	Horizontal	323	1.03	-	40.53			
PK	5.4632G	58.23	68.20	-9.97	5.23	3	Horizontal	323	1.03	-	53.00			
PK	5.7164G	112.61	Inf	-Inf	5.78	3	Horizontal	323	1.03	-	106.83			
AV	5.7128G	102.10	Inf	-Inf	5.78	3	Horizontal	323	1.03	-	96.32			
PK	5.9576G	60.62	68.20	-7.58	6.96	3	Horizontal	323	1.03	-	53.66			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5720MHz_TX



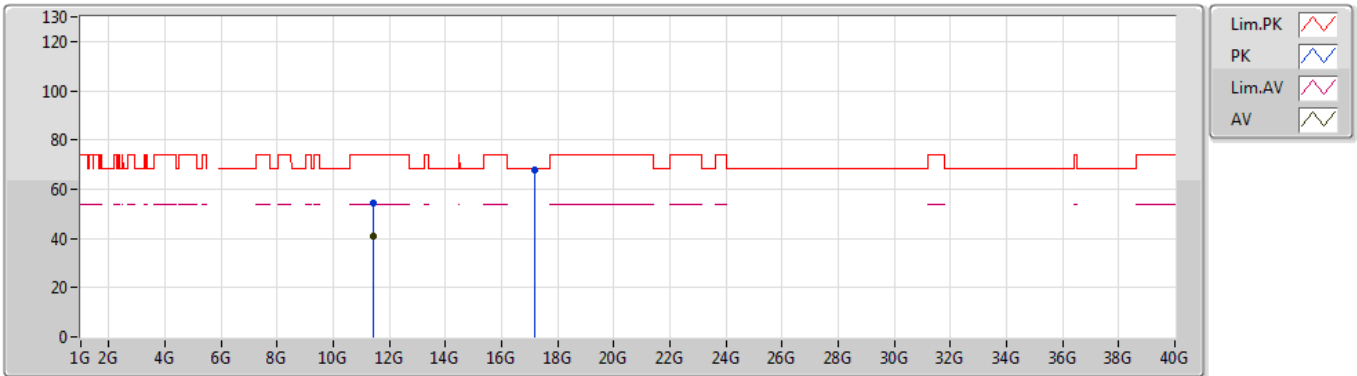
EUT Y_2TX
Setting 19.5
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.43752G	54.83	74.00	-19.17	11.90	3	Vertical	112	1.39	-	42.93			
AV	11.44432G	40.69	54.00	-13.31	11.90	3	Vertical	112	1.39	-	28.79			
PK	17.16496G	64.83	68.20	-3.37	17.91	3	Vertical	166	1.87	-	46.92			

802.11ac VHT20_Nss1,(MCS0)_2TX

06/08/2019

5720MHz_TX



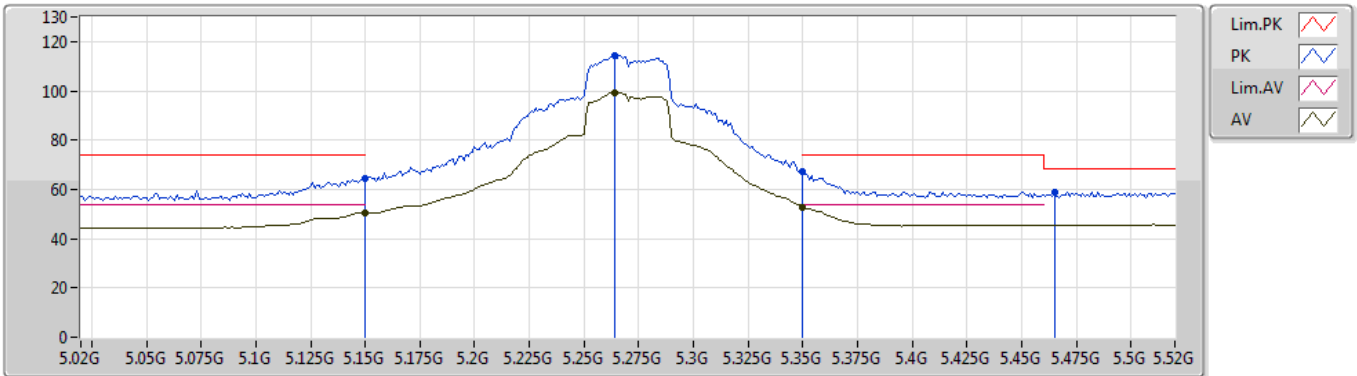
EUT Y_2TX
Setting 19.5
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.43768G	54.43	74.00	-19.57	11.90	3	Horizontal	31	1.94	-	42.53			
AV	11.434G	40.83	54.00	-13.17	11.90	3	Horizontal	31	1.94	-	28.93			
PK	17.168G	67.96	68.20	-0.24	17.93	3	Horizontal	290	1.90	-	50.03			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5270MHz_TX



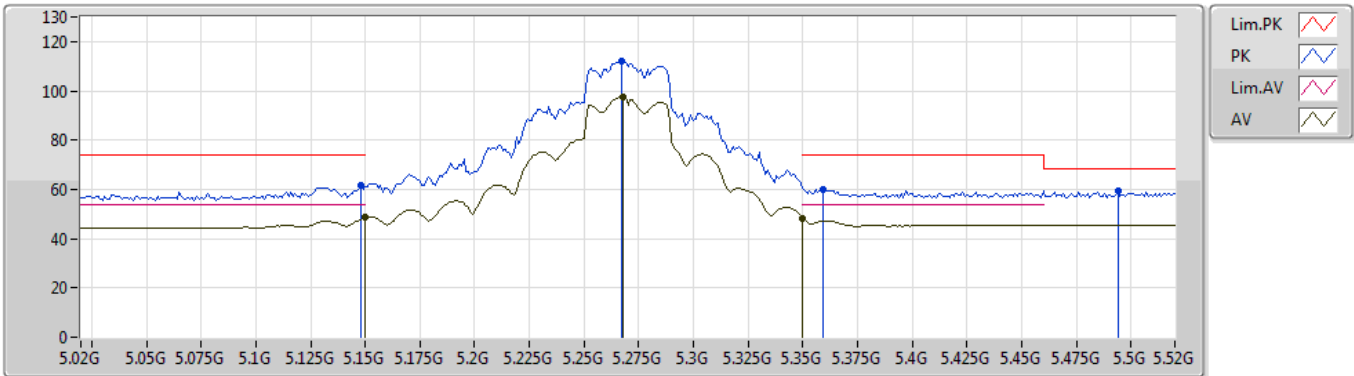
EUT Y_2TX
Setting 21
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.15G	64.58	74.00	-9.42	4.25	3	Vertical	102	1.95	-	60.33			
AV	5.15G	50.47	54.00	-3.53	4.25	3	Vertical	102	1.95	-	46.22			
PK	5.264G	114.48	Inf	-Inf	4.50	3	Vertical	102	1.95	-	109.98			
AV	5.264G	99.28	Inf	-Inf	4.50	3	Vertical	102	1.95	-	94.78			
PK	5.35G	67.43	74.00	-6.57	4.81	3	Vertical	102	1.95	-	62.62			
AV	5.35G	52.87	54.00	-1.13	4.81	3	Vertical	102	1.95	-	48.06			
PK	5.465G	58.80	68.20	-9.40	5.25	3	Vertical	102	1.95	-	53.55			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5270MHz_TX



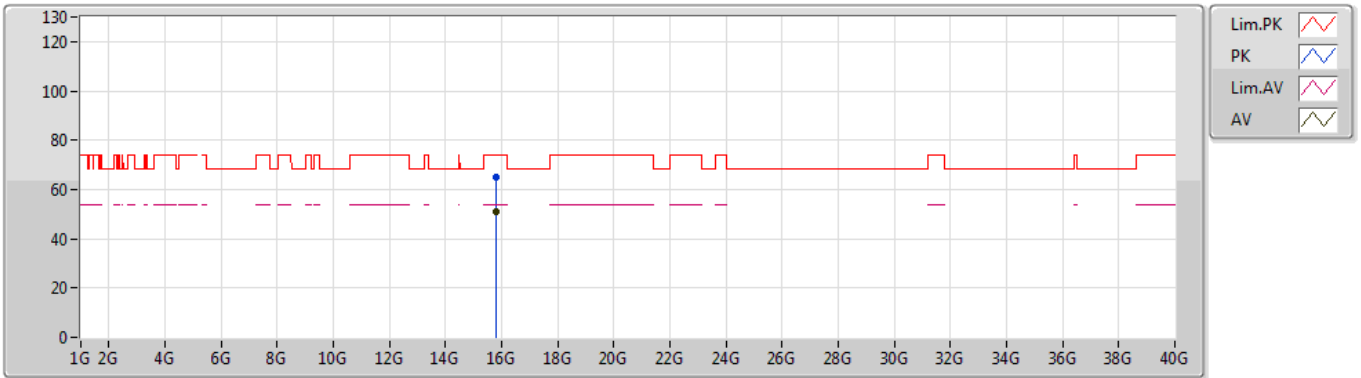
EUT Y_2TX
Setting 21
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.148G	61.67	74.00	-12.33	4.25	3	Horizontal	353	2.66	-	57.42			
AV	5.15G	48.58	54.00	-5.42	4.25	3	Horizontal	353	2.66	-	44.33			
PK	5.267G	112.28	Inf	-Inf	4.52	3	Horizontal	353	2.66	-	107.76			
AV	5.268G	97.69	Inf	-Inf	4.52	3	Horizontal	353	2.66	-	93.17			
PK	5.359G	59.89	74.00	-14.11	4.85	3	Horizontal	353	2.66	-	55.04			
AV	5.35G	48.38	54.00	-5.62	4.81	3	Horizontal	353	2.66	-	43.57			
PK	5.494G	59.20	68.20	-9.00	5.35	3	Horizontal	353	2.66	-	53.85			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5270MHz_TX



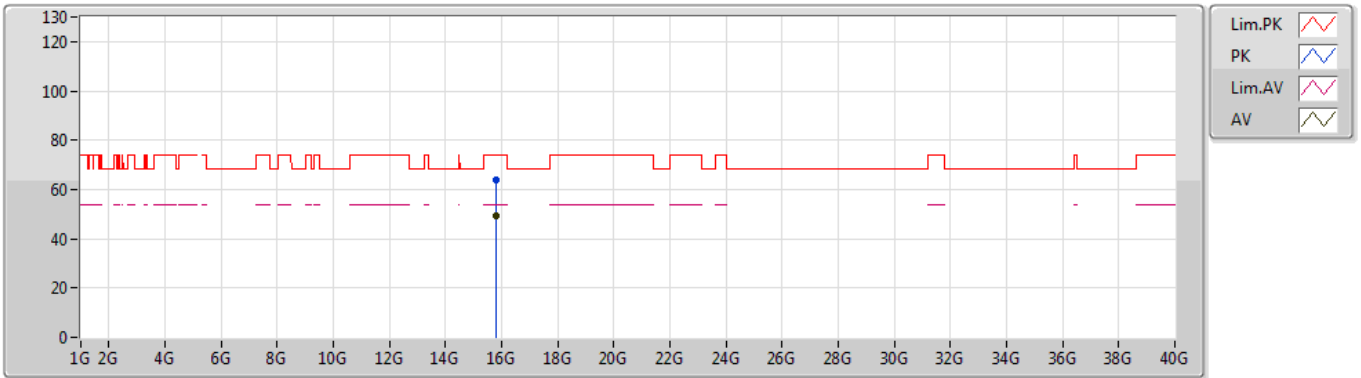
EUT_Y_2TX
Setting 21
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.81144G	65.16	74.00	-8.84	14.12	3	Vertical	1	1.50	-	51.04			
AV	15.81108G	50.74	54.00	-3.26	14.13	3	Vertical	1	1.50	-	36.61			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5270MHz_TX



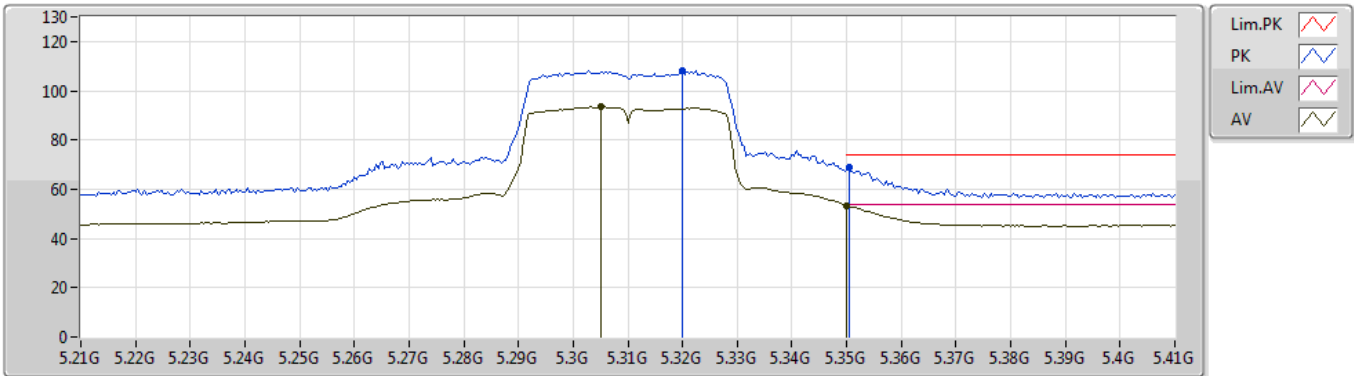
EUT Y_2TX
Setting 21
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.80064G	63.79	74.00	-10.21	14.14	3	Horizontal	315	2.55	-	49.65			
AV	15.81912G	49.40	54.00	-4.60	14.12	3	Horizontal	315	2.55	-	35.28			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5310MHz_TX



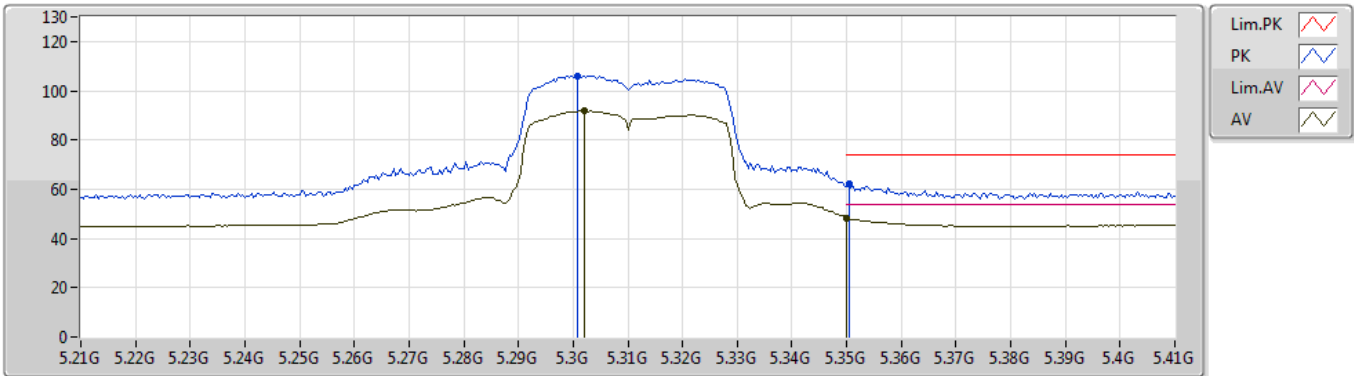
EUT Y_2TX
Setting 14.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.32G	108.19	Inf	-Inf	4.71	3	Vertical	101	1.86	-	103.48			
AV	5.3052G	93.40	Inf	-Inf	4.66	3	Vertical	101	1.86	-	88.74			
PK	5.3504G	68.88	74.00	-5.12	4.81	3	Vertical	101	1.86	-	64.07			
AV	5.35G	53.47	54.00	-0.53	4.81	3	Vertical	101	1.86	-	48.66			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5310MHz_TX



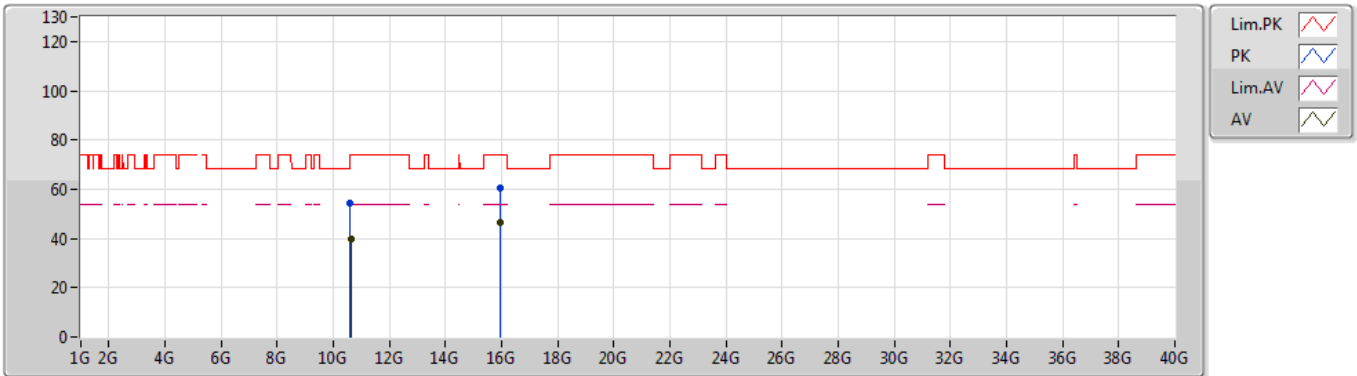
EUT Y_2TX
Setting 14.5
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3008G	106.06	Inf	-Inf	4.64	3	Horizontal	359	1.50	-	101.42			
AV	5.302G	91.74	Inf	-Inf	4.65	3	Horizontal	359	1.50	-	87.09			
PK	5.3504G	61.97	74.00	-12.03	4.81	3	Horizontal	359	1.50	-	57.16			
AV	5.35G	48.31	54.00	-5.69	4.81	3	Horizontal	359	1.50	-	43.50			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5310MHz_TX



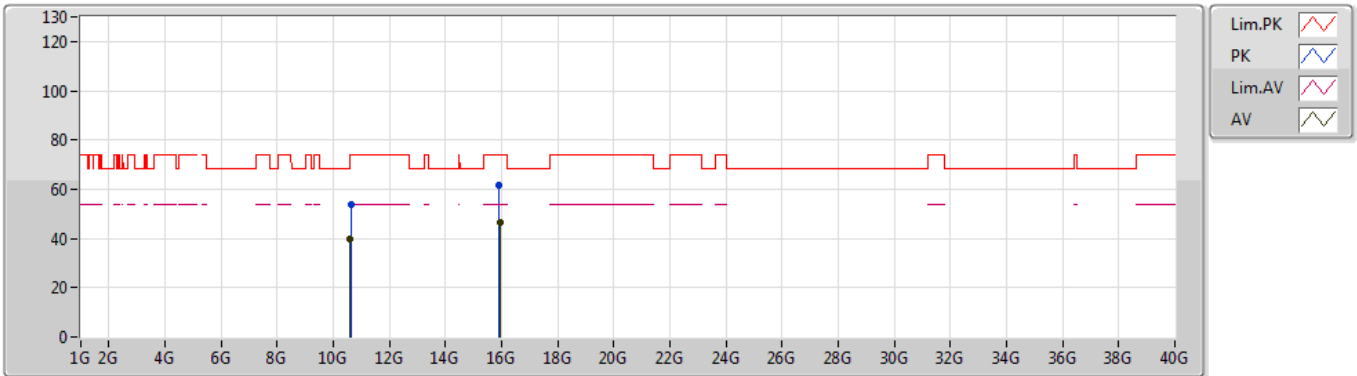
EUT Y_2TX
Setting 14.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.60794G	54.53	74.00	-19.47	11.19	3	Vertical	201	1.61	-	43.34			
AV	10.61892G	40.01	54.00	-13.99	11.20	3	Vertical	201	1.61	-	28.81			
PK	15.92934G	60.67	74.00	-13.33	13.98	3	Vertical	6	1.50	-	46.69			
AV	15.93024G	46.66	54.00	-7.34	13.98	3	Vertical	6	1.50	-	32.68			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5310MHz_TX



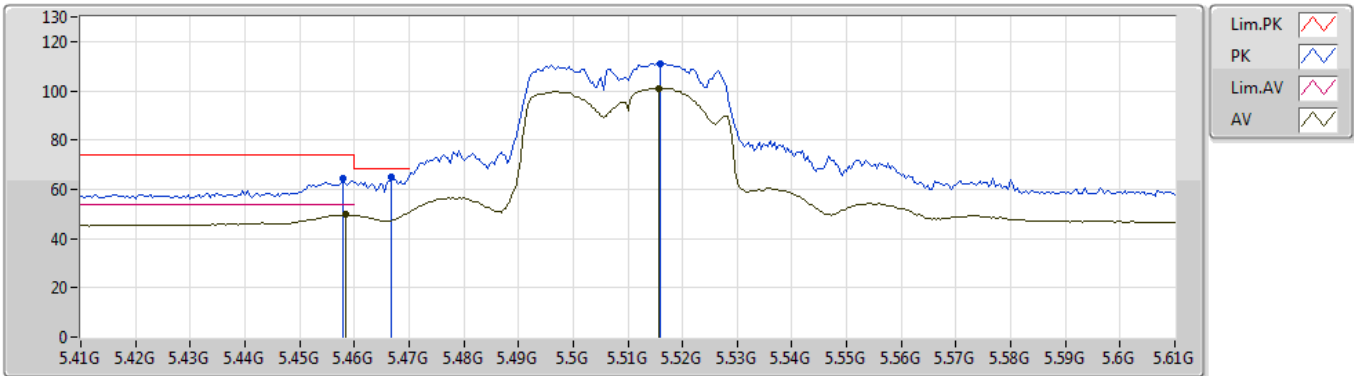
EUT Y_2TX
Setting 14.5
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.62252G	54.05	74.00	-19.95	11.20	3	Horizontal	328	1.57	-	42.85			
AV	10.6074G	39.99	54.00	-14.01	11.19	3	Horizontal	328	1.57	-	28.80			
PK	15.92106G	61.41	74.00	-12.59	14.00	3	Horizontal	313	2.84	-	47.41			
AV	15.9387G	46.56	54.00	-7.44	13.98	3	Horizontal	313	2.84	-	32.58			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5510MHz_TX



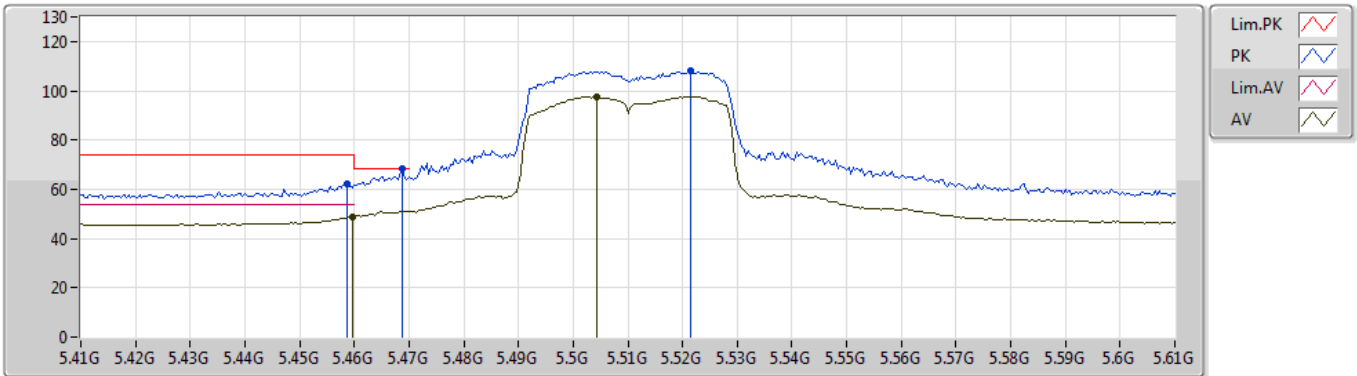
EUT Y_2TX
Setting 16.5
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.458G	64.42	74.00	-9.58	5.21	3	Vertical	267	1.09	-	59.21			
AV	5.4584G	49.70	54.00	-4.30	5.22	3	Vertical	267	1.09	-	44.48			
PK	5.4668G	65.18	68.20	-3.02	5.25	3	Vertical	267	1.09	-	59.93			
PK	5.516G	110.91	Inf	-Inf	5.42	3	Vertical	267	1.09	-	105.49			
AV	5.5156G	101.11	Inf	-Inf	5.42	3	Vertical	267	1.09	-	95.69			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5510MHz_TX



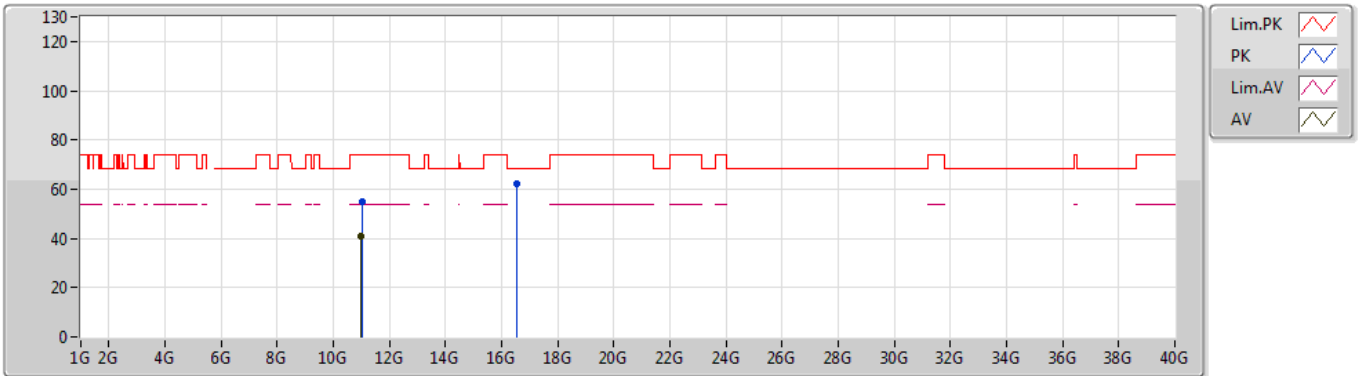
EUT Y_2TX
Setting 16.5
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4588G	62.42	74.00	-11.58	5.22	3	Horizontal	317	1.01	-	57.20			
AV	5.4596G	49.02	54.00	-4.98	5.22	3	Horizontal	317	1.01	-	43.80			
PK	5.4688G	68.14	68.20	-0.06	5.26	3	Horizontal	317	1.01	-	62.88			
PK	5.5216G	108.18	Inf	-Inf	5.44	3	Horizontal	317	1.01	-	102.74			
AV	5.5044G	97.61	Inf	-Inf	5.39	3	Horizontal	317	1.01	-	92.22			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5510MHz_TX



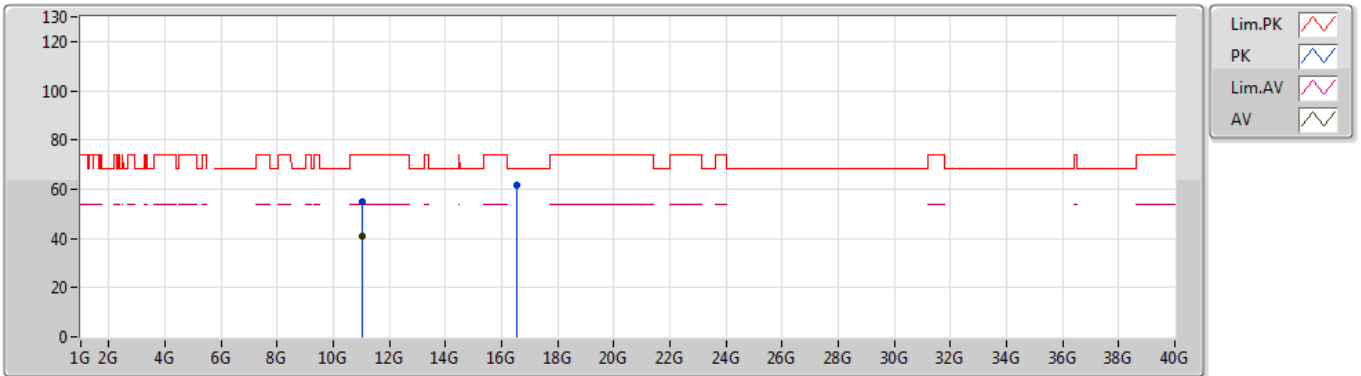
EUT Y_2TX
Setting 16.5
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0177G	54.98	74.00	-19.02	11.72	3	Vertical	98	1.02	-	43.26			
AV	11.0036G	40.97	54.00	-13.03	11.71	3	Vertical	98	1.02	-	29.26			
PK	16.536G	62.00	68.20	-6.20	15.90	3	Vertical	237	2.02	-	46.10			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5510MHz_TX



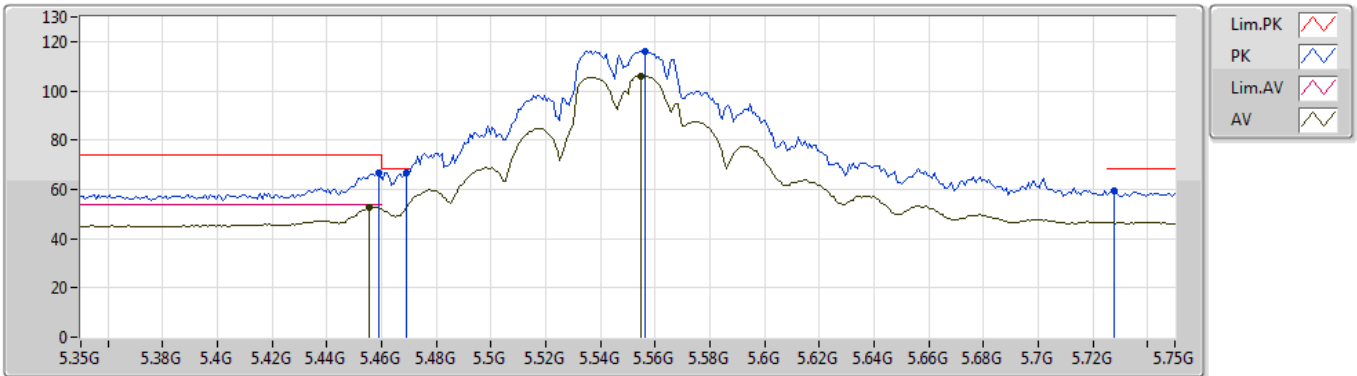
EUT Y_2TX
Setting 16.5
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0218G	54.84	74.00	-19.16	11.72	3	Horizontal	336	2.23	-	43.12			
AV	11.0427G	40.72	54.00	-13.28	11.73	3	Horizontal	336	2.23	-	28.99			
PK	16.5193G	61.62	68.20	-6.58	15.84	3	Horizontal	178	2.29	-	45.78			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5550MHz_TX



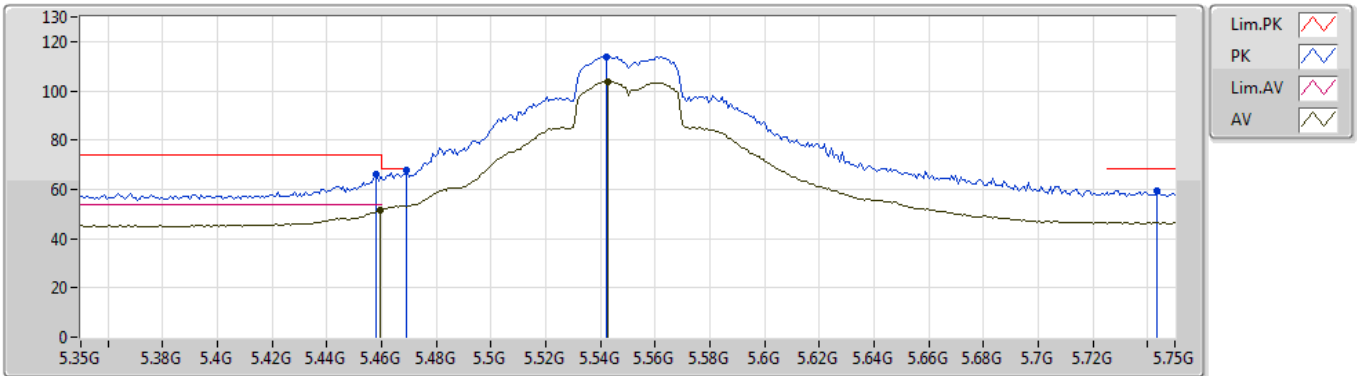
EUT Y_2TX
Setting 22
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4588G	66.90	74.00	-7.10	5.22	3	Vertical	271	1.09	-	61.68			
AV	5.4556G	52.84	54.00	-1.16	5.21	3	Vertical	271	1.09	-	47.63			
PK	5.4692G	66.66	68.20	-1.54	5.26	3	Vertical	271	1.09	-	61.40			
PK	5.5564G	116.15	Inf	-Inf	5.53	3	Vertical	271	1.09	-	110.62			
AV	5.5548G	106.16	Inf	-Inf	5.52	3	Vertical	271	1.09	-	100.64			
PK	5.7276G	59.53	68.20	-8.67	5.80	3	Vertical	271	1.09	-	53.73			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5550MHz_TX



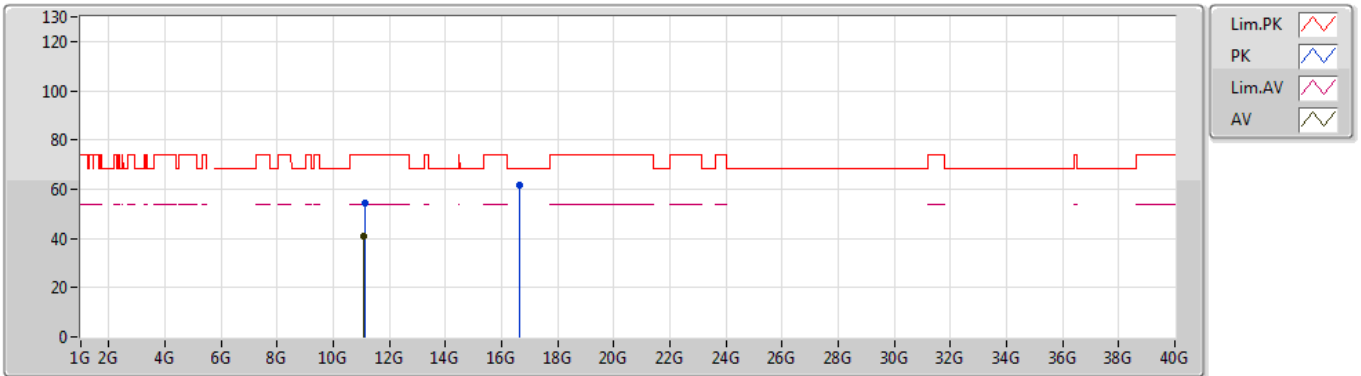
EUT Y_2TX
Setting 22
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.458G	66.39	74.00	-7.61	5.21	3	Horizontal	317	1.01	-	61.18			
AV	5.4596G	51.62	54.00	-2.38	5.22	3	Horizontal	317	1.01	-	46.40			
PK	5.4692G	67.83	68.20	-0.37	5.26	3	Horizontal	317	1.01	-	62.57			
PK	5.542G	113.82	Inf	-Inf	5.48	3	Horizontal	317	1.01	-	108.34			
AV	5.5428G	103.78	Inf	-Inf	5.49	3	Horizontal	317	1.01	-	98.29			
PK	5.7436G	59.55	68.20	-8.65	5.84	3	Horizontal	317	1.01	-	53.71			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5550MHz_TX



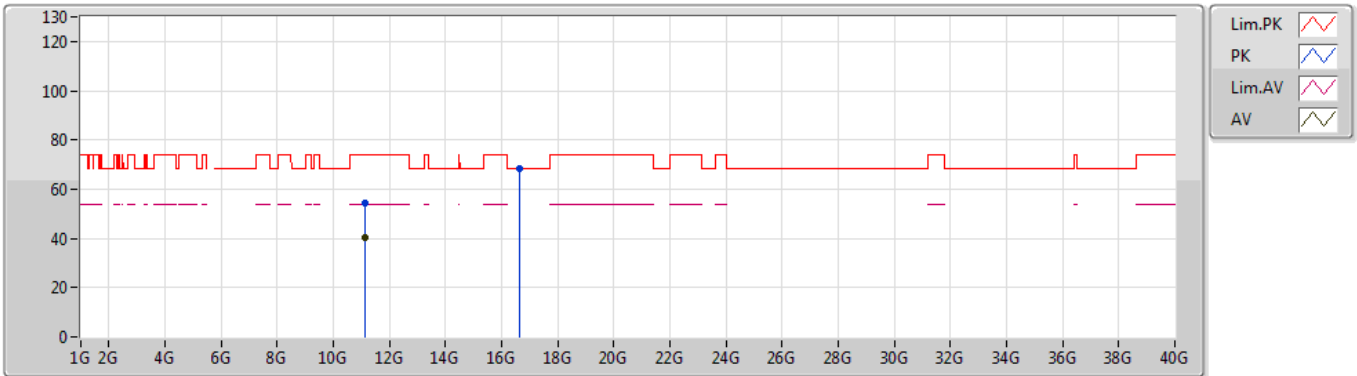
EUT Y_2TX
Setting 22
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.10832G	54.57	74.00	-19.43	11.75	3	Vertical	207	1.83	-	42.82			
AV	11.1017G	40.66	54.00	-13.34	11.75	3	Vertical	207	1.83	-	28.91			
PK	16.6569G	61.70	68.20	-6.50	16.35	3	Vertical	187	2.09	-	45.35			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5550MHz_TX



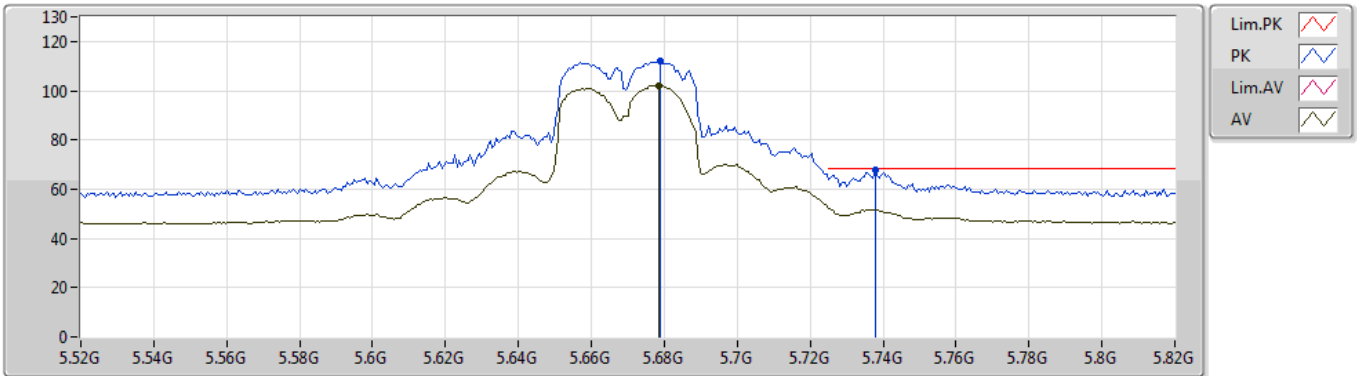
EUT Y_2TX
Setting 22
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.1073G	54.26	74.00	-19.74	11.75	3	Horizontal	347	1.35	-	42.51			
AV	11.1080G	40.48	54.00	-13.52	11.75	3	Horizontal	347	1.35	-	28.73			
PK	16.6452G	68.12	68.20	-0.08	16.30	3	Horizontal	300	1.86	-	51.82			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5670MHz_TX



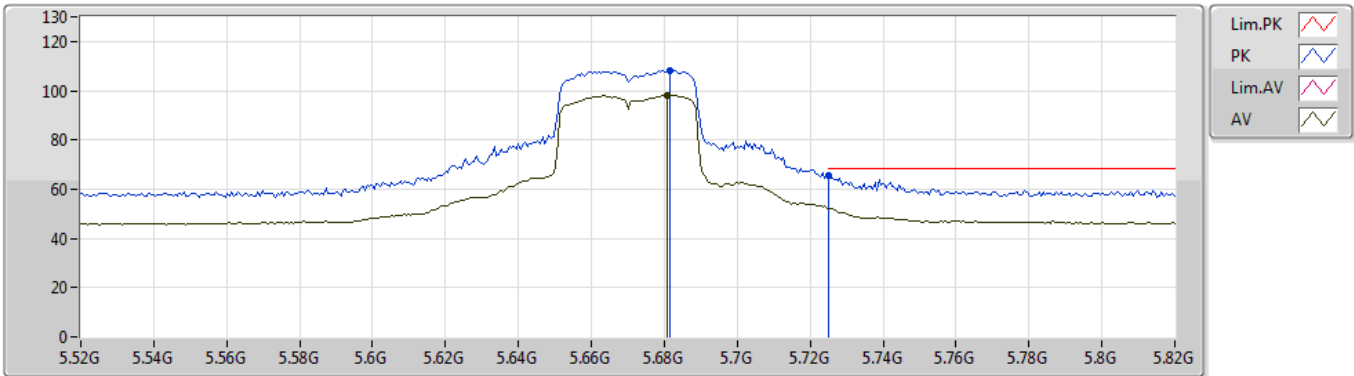
EUT Y_2TX
Setting 18.5
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.679G	112.25	Inf	-Inf	5.72	3	Vertical	266	1.01	-	106.53			
AV	5.6784G	102.14	Inf	-Inf	5.72	3	Vertical	266	1.01	-	96.42			
PK	5.7378G	68.05	68.20	-0.15	5.83	3	Vertical	266	1.01	-	62.22			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5670MHz_TX



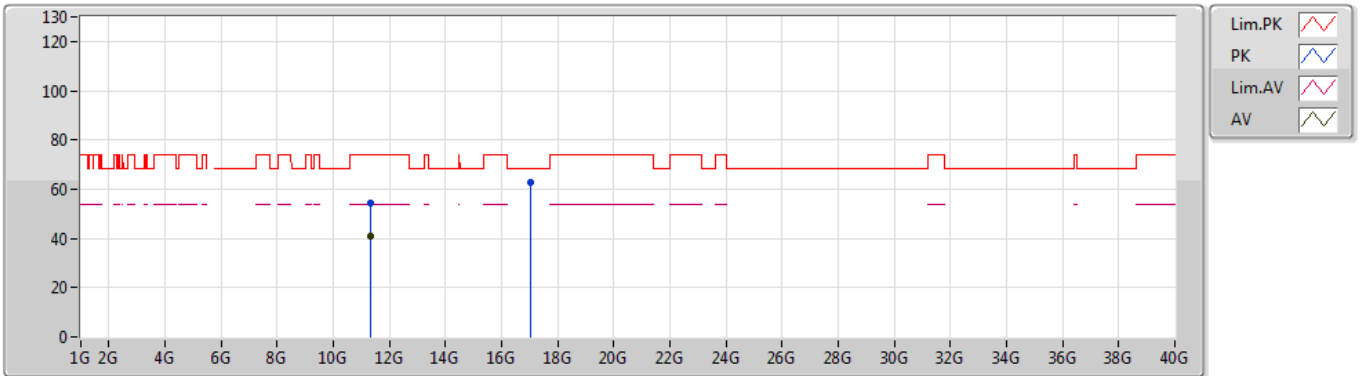
EUT_V_2TX
Setting 18.5
01-J-5-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6814G	108.18	Inf	-Inf	5.72	3	Horizontal	323	1.07	-	102.46			
AV	5.6808G	98.25	Inf	-Inf	5.72	3	Horizontal	323	1.07	-	92.53			
PK	5.7252G	65.56	68.20	-2.64	5.79	3	Horizontal	323	1.07	-	59.77			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5670MHz_TX



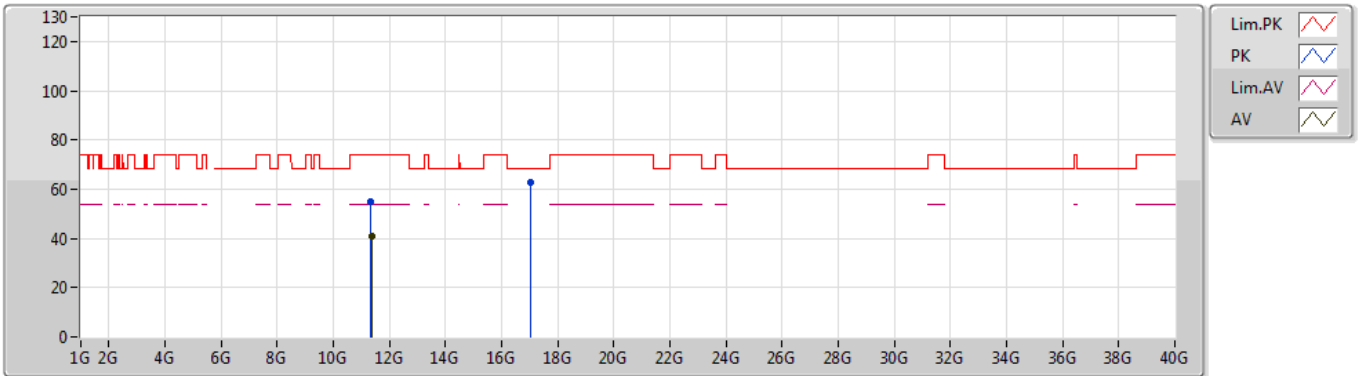
EUT Y_2TX
Setting 18.5
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.3388G	54.24	74.00	-19.76	11.86	3	Vertical	310	1.64	-	42.38			
AV	11.3511G	41.18	54.00	-12.82	11.87	3	Vertical	310	1.64	-	29.31			
PK	17.0189G	62.52	68.20	-5.68	17.65	3	Vertical	244	2.42	-	44.87			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5670MHz_TX



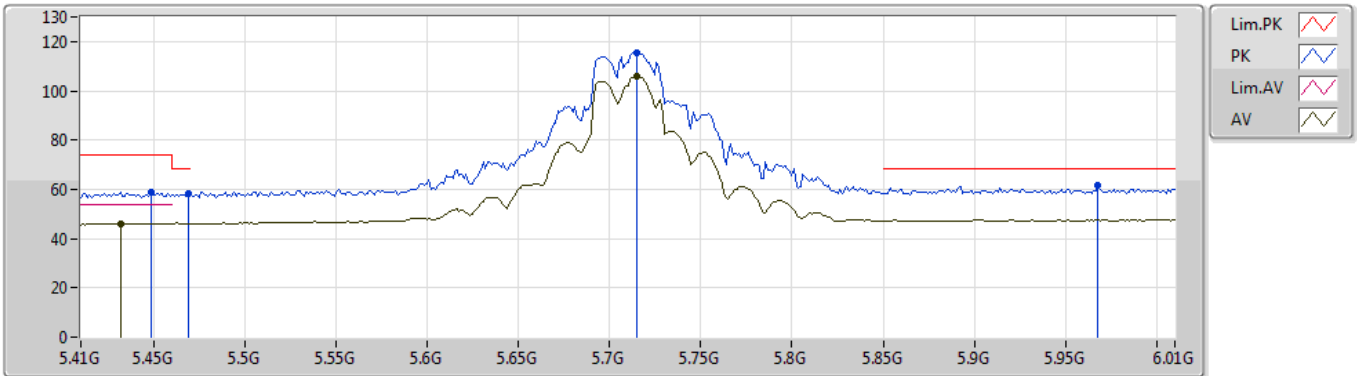
EUT Y_2TX
Setting 18.5
01-J-5
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.3467G	55.05	74.00	-18.95	11.86	3	Horizontal	133	2.77	-	43.19			
AV	11.3527G	41.04	54.00	-12.96	11.87	3	Horizontal	133	2.77	-	29.17			
PK	17.0095G	62.76	68.20	-5.44	17.64	3	Horizontal	4	2.93	-	45.12			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5710MHz_TX



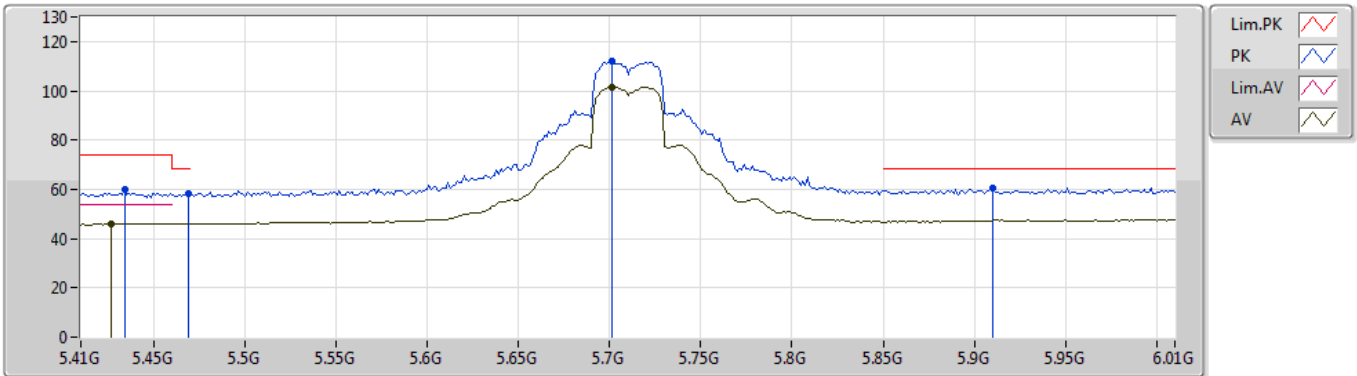
EUT Y_2TX
Setting 20.5
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4484G	58.66	74.00	-15.34	5.19	3	Vertical	261	1.02	-	53.47			
AV	5.4316G	46.21	54.00	-7.79	5.11	3	Vertical	261	1.02	-	41.10			
PK	5.4688G	58.13	68.20	-10.07	5.26	3	Vertical	261	1.02	-	52.87			
PK	5.7148G	115.71	Inf	-Inf	5.78	3	Vertical	261	1.02	-	109.93			
AV	5.7148G	105.66	Inf	-Inf	5.78	3	Vertical	261	1.02	-	99.88			
PK	5.968G	61.40	68.20	-6.80	7.01	3	Vertical	261	1.02	-	54.39			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5710MHz_TX



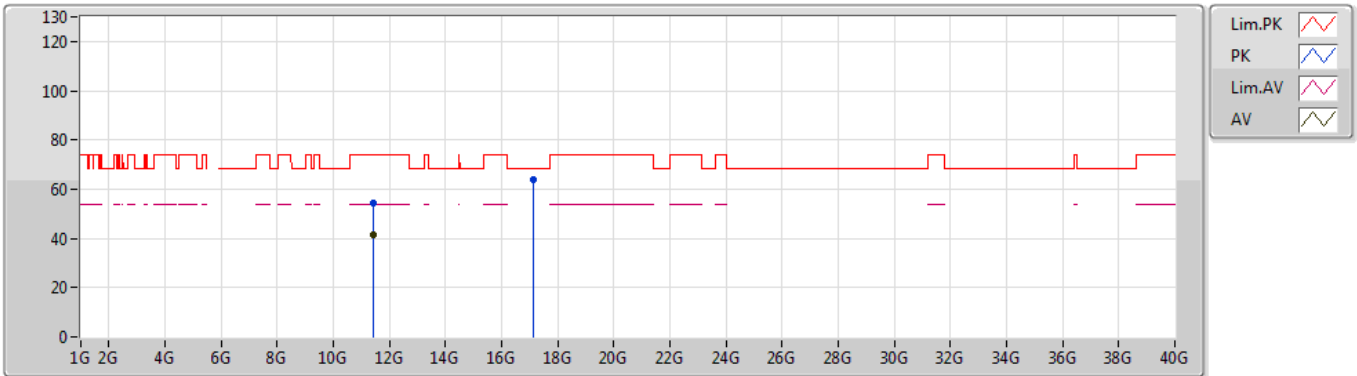
EUT Y_2TX
Setting 20.5
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.434G	59.69	74.00	-14.31	5.12	3	Horizontal	319	1.00	-	54.57			
AV	5.4268G	46.10	54.00	-7.90	5.10	3	Horizontal	319	1.00	-	41.00			
PK	5.4688G	58.18	68.20	-10.02	5.26	3	Horizontal	319	1.00	-	52.92			
PK	5.7016G	111.82	Inf	-Inf	5.74	3	Horizontal	319	1.00	-	106.08			
AV	5.7016G	101.56	Inf	-Inf	5.74	3	Horizontal	319	1.00	-	95.82			
PK	5.9104G	60.74	68.20	-7.46	6.75	3	Horizontal	319	1.00	-	53.99			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5710MHz_TX



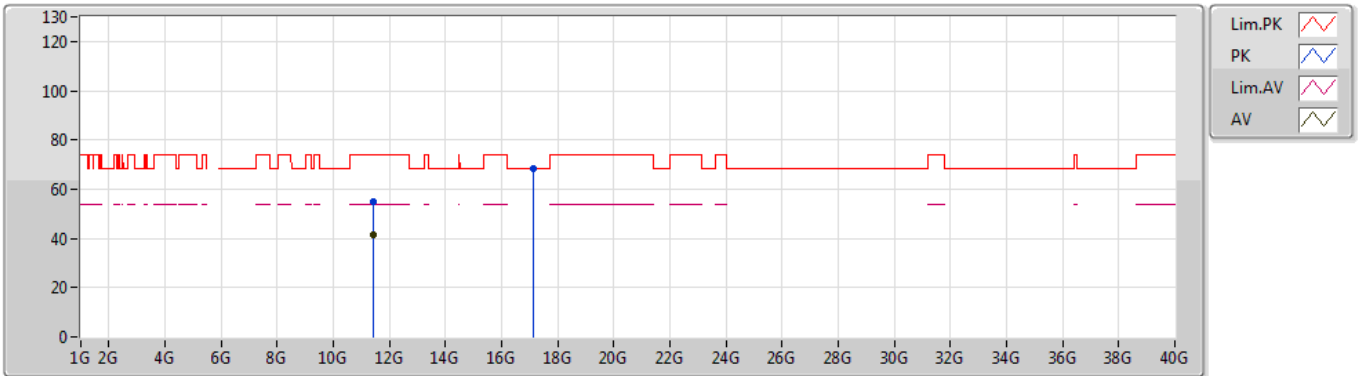
EUT Y_2TX
Setting 20.5
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.42984G	54.26	74.00	-19.74	11.91	3	Vertical	131	1.12	-	42.35			
AV	11.43888G	41.19	54.00	-12.81	11.90	3	Vertical	131	1.12	-	29.29			
PK	17.12336G	64.12	68.20	-4.08	17.84	3	Vertical	269	2.48	-	46.28			

802.11ac VHT40_Nss1,(MCS0)_2TX

06/08/2019

5710MHz_TX



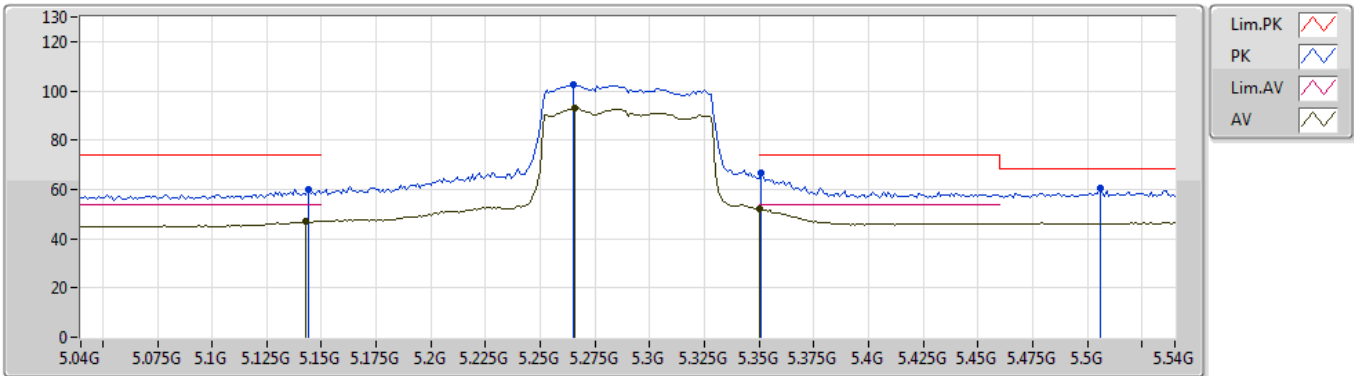
EUT Y_2TX
Setting 20.5
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.42432G	54.94	74.00	-19.06	11.90	3	Horizontal	209	1.63	-	43.04			
AV	11.42264G	41.41	54.00	-12.59	11.89	3	Horizontal	209	1.63	-	29.52			
PK	17.11664G	68.14	68.20	-0.06	17.83	3	Horizontal	287	1.88	-	50.31			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5290MHz_TX



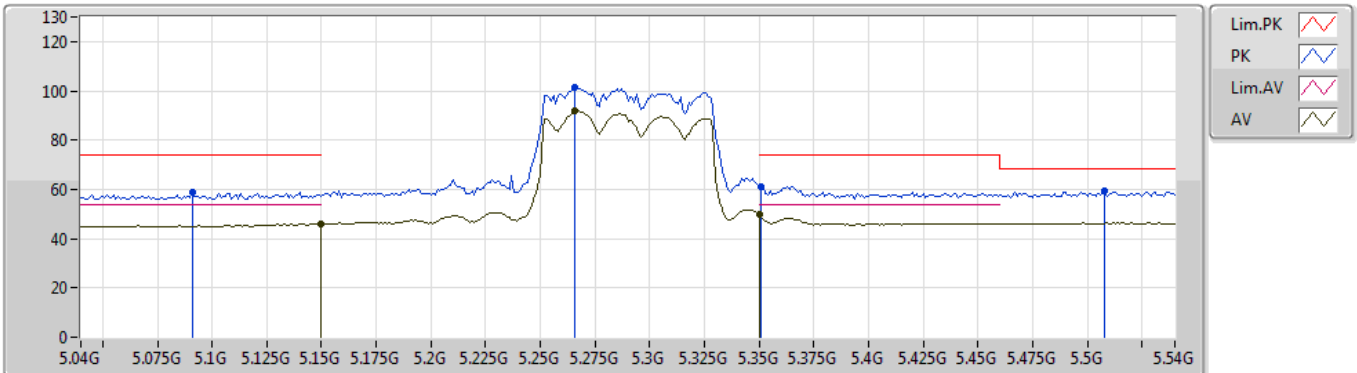
EUT Y_2TX
Setting 12
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.144G	60.10	74.00	-13.90	4.24	3	Vertical	103	1.95	-	55.86			
AV	5.143G	47.04	54.00	-6.96	4.24	3	Vertical	103	1.95	-	42.80			
PK	5.265G	102.60	Inf	-Inf	4.52	3	Vertical	103	1.95	-	98.08			
AV	5.266G	92.92	Inf	-Inf	4.52	3	Vertical	103	1.95	-	88.40			
PK	5.351G	66.85	74.00	-7.15	4.81	3	Vertical	103	1.95	-	62.04			
AV	5.35G	52.22	54.00	-1.78	4.81	3	Vertical	103	1.95	-	47.41			
PK	5.506G	60.32	68.20	-7.88	5.39	3	Vertical	103	1.95	-	54.93			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5290MHz_TX



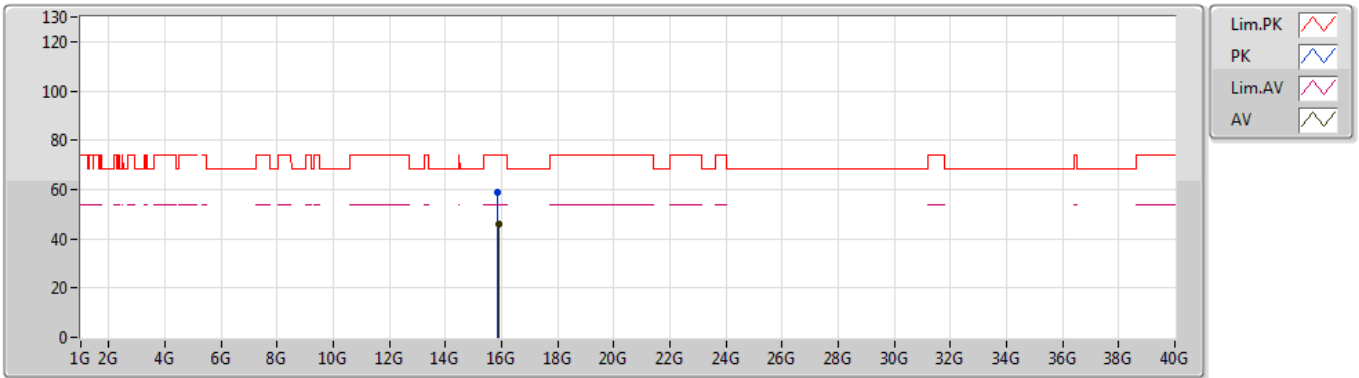
EUT Y_2TX
Setting 12
01-E-2-10
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.091G	58.76	74.00	-15.24	4.23	3	Horizontal	348	2.64	-	54.53			
AV	5.15G	46.04	54.00	-7.96	4.25	3	Horizontal	348	2.64	-	41.79			
PK	5.266G	101.42	Inf	-Inf	4.52	3	Horizontal	348	2.64	-	96.90			
AV	5.266G	91.70	Inf	-Inf	4.52	3	Horizontal	348	2.64	-	87.18			
PK	5.351G	61.09	74.00	-12.91	4.81	3	Horizontal	348	2.64	-	56.28			
AV	5.35G	49.81	54.00	-4.19	4.81	3	Horizontal	348	2.64	-	45.00			
PK	5.508G	59.53	68.20	-8.67	5.41	3	Horizontal	348	2.64	-	54.12			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5290MHz_TX



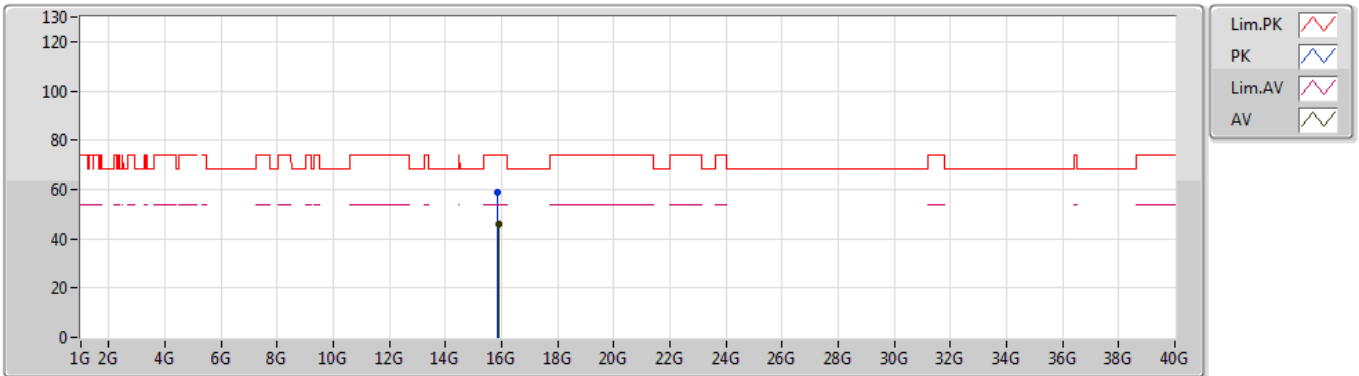
EUT Y_2TX
Setting 12
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.86772G	59.04	74.00	-14.96	14.06	3	Vertical	360	2.63	-	44.98			
AV	15.8838G	45.70	54.00	-8.30	14.04	3	Vertical	360	2.63	-	31.66			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5290MHz_TX



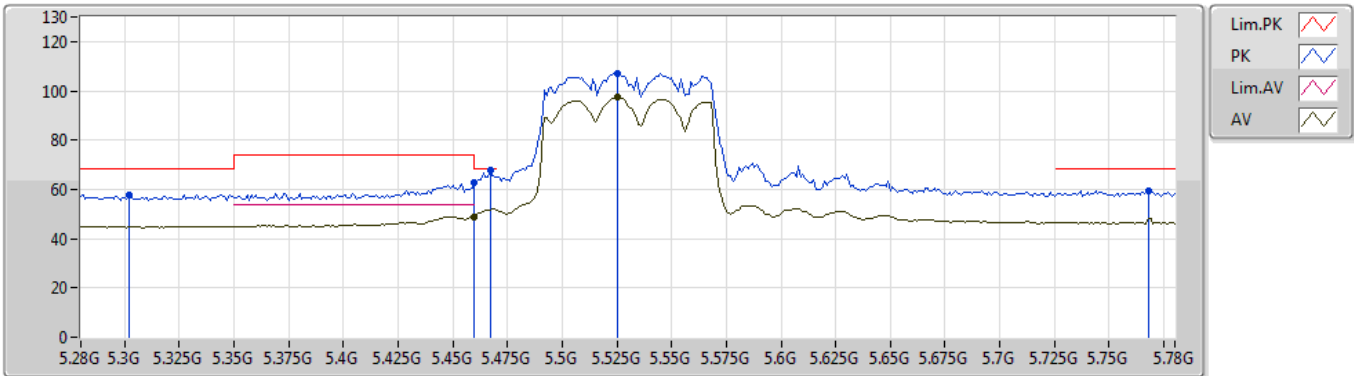
EUT Y_2TX
Setting 12
01-E-2
FSP

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.8685G	58.88	74.00	-15.12	14.06	3	Horizontal	338	2.06	-	44.82			
AV	15.8808G	45.95	54.00	-8.05	14.05	3	Horizontal	338	2.06	-	31.90			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5530MHz_TX



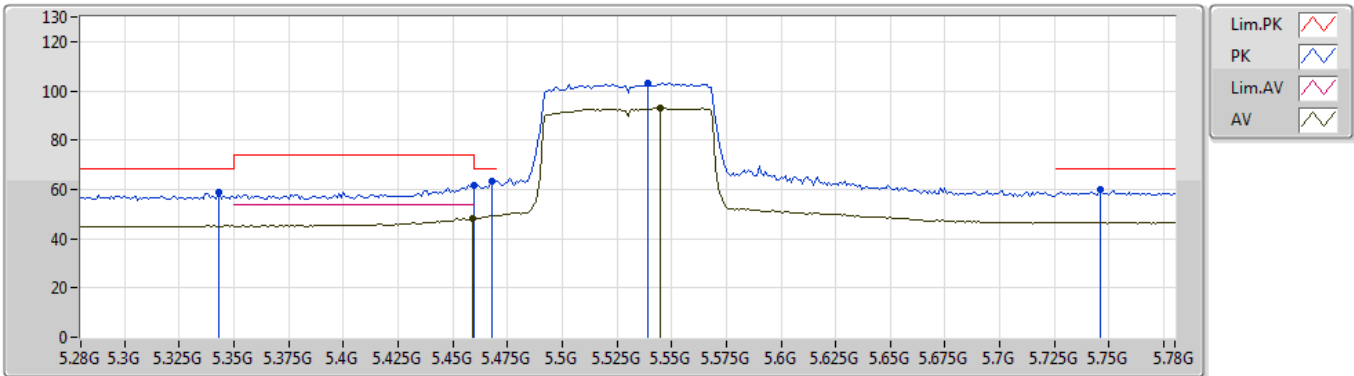
EUT_Y_2TX
Setting 16
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)
PK	5.302G	57.68	68.20	-10.52	4.65	3	Vertical	347	2.79	-	53.03
PK	5.46G	62.92	74.00	-11.08	5.22	3	Vertical	347	2.79	-	57.70
AV	5.46G	49.03	54.00	-4.97	5.22	3	Vertical	347	2.79	-	43.81
PK	5.467G	67.96	68.20	-0.24	5.25	3	Vertical	347	2.79	-	62.71
PK	5.525G	107.20	Inf	-Inf	5.45	3	Vertical	347	2.79	-	101.75
AV	5.525G	97.34	Inf	-Inf	5.45	3	Vertical	347	2.79	-	91.89
PK	5.768G	59.55	68.20	-8.65	5.90	3	Vertical	347	2.79	-	53.65

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5530MHz_TX



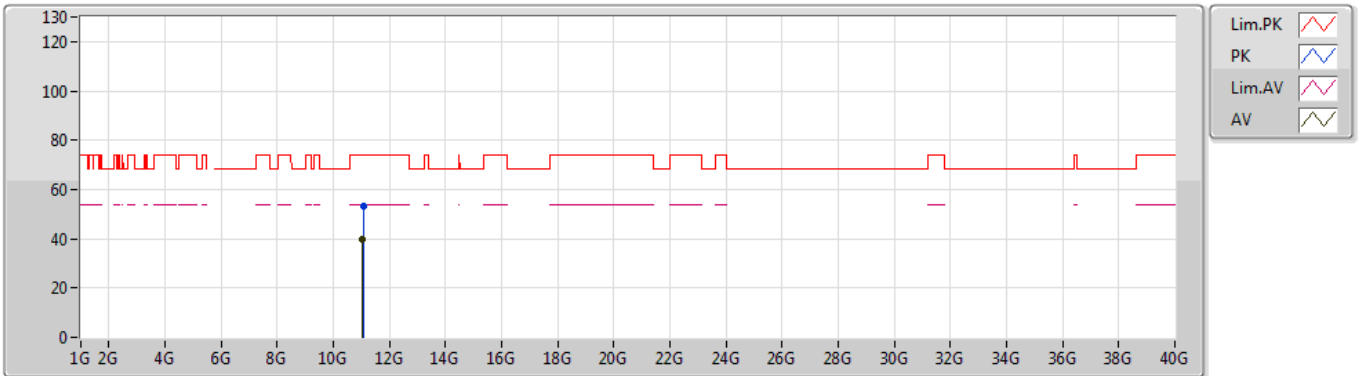
EUT Y_2TX
Setting 16
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.343G	58.87	68.20	-9.33	4.80	3	Horizontal	317	1.02	-	54.07			
PK	5.46G	61.79	74.00	-12.21	5.22	3	Horizontal	317	1.02	-	56.57			
AV	5.459G	48.39	54.00	-5.61	5.22	3	Horizontal	317	1.02	-	43.17			
PK	5.468G	63.40	68.20	-4.80	5.25	3	Horizontal	317	1.02	-	58.15			
PK	5.539G	103.17	Inf	-Inf	5.48	3	Horizontal	317	1.02	-	97.69			
AV	5.545G	93.07	Inf	-Inf	5.50	3	Horizontal	317	1.02	-	87.57			
PK	5.746G	59.89	68.20	-8.31	5.84	3	Horizontal	317	1.02	-	54.05			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5530MHz_TX



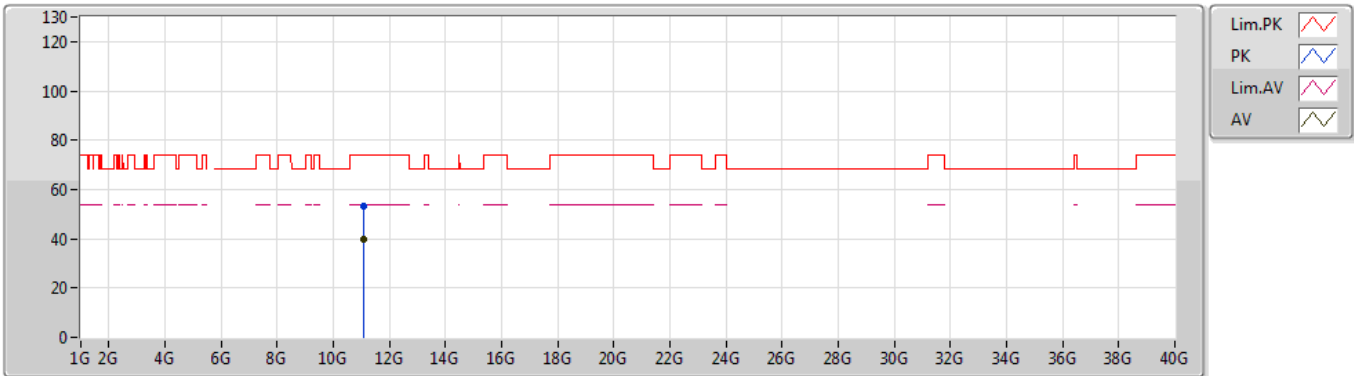
EUT Y_2TX
Setting 16
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0611G	53.20	74.00	-20.80	11.73	3	Vertical	316	1.89	-	41.47			
AV	11.05714G	39.76	54.00	-14.24	11.73	3	Vertical	316	1.89	-	28.03			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5530MHz_TX



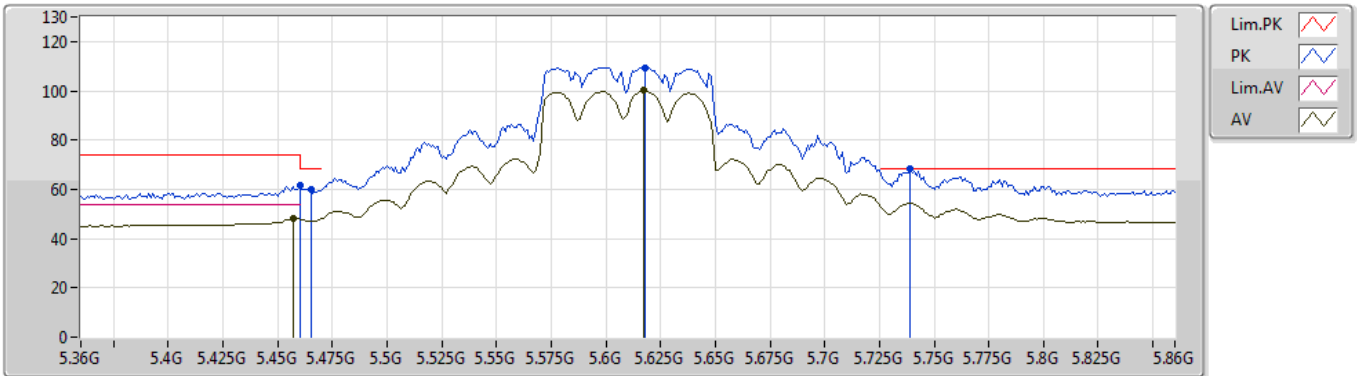
EUT Y_2TX
Setting 16
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.0645G	53.48	74.00	-20.52	11.74	3	Horizontal	61	2.81	-	41.74			
AV	11.06206G	39.82	54.00	-14.18	11.73	3	Horizontal	61	2.81	-	28.09			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5610MHz_TX



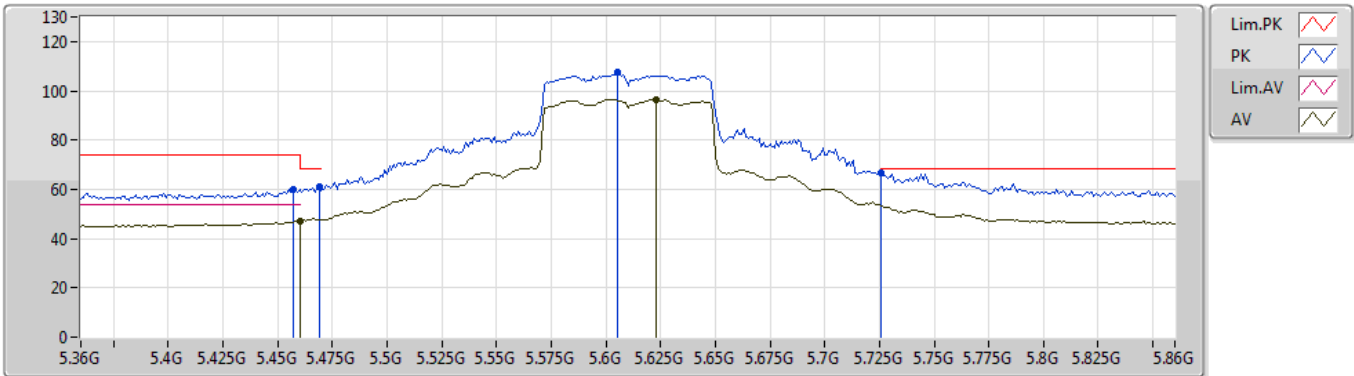
EUT_Y_2TX
Setting 20
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.46G	61.74	74.00	-12.26	5.22	3	Vertical	273	1.22	-	56.52			
AV	5.457G	48.04	54.00	-5.96	5.21	3	Vertical	273	1.22	-	42.83			
PK	5.465G	59.96	68.20	-8.24	5.25	3	Vertical	273	1.22	-	54.71			
PK	5.618G	109.44	Inf	-Inf	5.66	3	Vertical	273	1.22	-	103.78			
AV	5.617G	100.19	Inf	-Inf	5.66	3	Vertical	273	1.22	-	94.53			
PK	5.739G	68.14	68.20	-0.06	5.83	3	Vertical	273	1.22	-	62.31			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5610MHz_TX



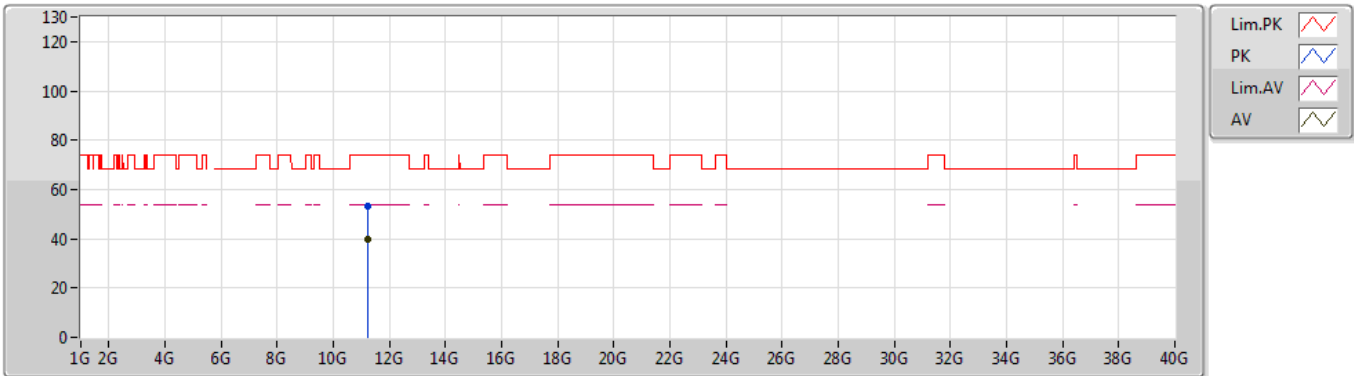
EUT_Y_2TX
Setting 20
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.457G	60.22	74.00	-13.78	5.21	3	Horizontal	317	1.04	-	55.01			
AV	5.46G	47.32	54.00	-6.68	5.22	3	Horizontal	317	1.04	-	42.10			
PK	5.469G	61.00	68.20	-7.20	5.26	3	Horizontal	317	1.04	-	55.74			
PK	5.605G	107.78	Inf	-Inf	5.65	3	Horizontal	317	1.04	-	102.13			
AV	5.623G	96.53	Inf	-Inf	5.66	3	Horizontal	317	1.04	-	90.87			
PK	5.726G	66.49	68.20	-1.71	5.79	3	Horizontal	317	1.04	-	60.70			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5610MHz_TX



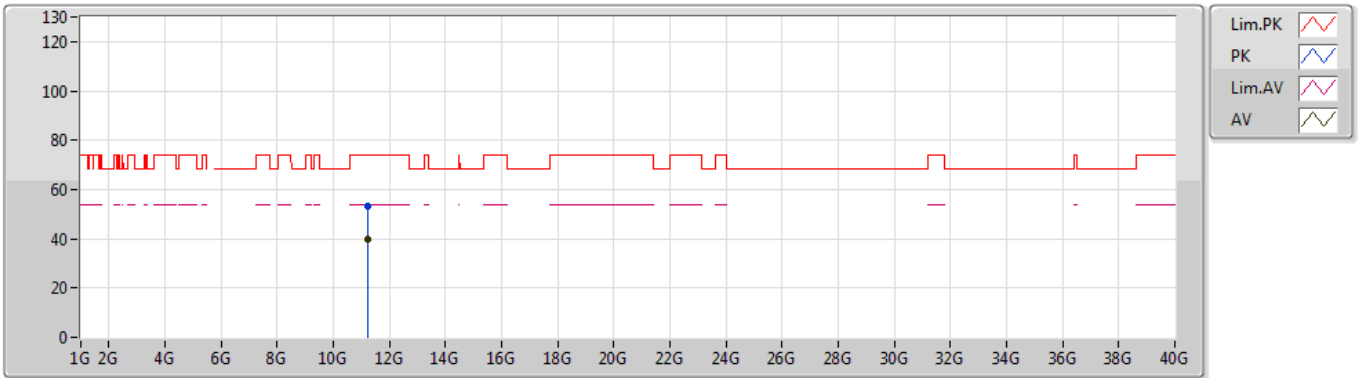
EUT_Y_2TX
Setting 20
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.2225G	53.05	74.00	-20.95	11.81	3	Vertical	68	1.12	-	41.24			
AV	11.21876G	39.71	54.00	-14.29	11.81	3	Vertical	68	1.12	-	27.90			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5610MHz_TX



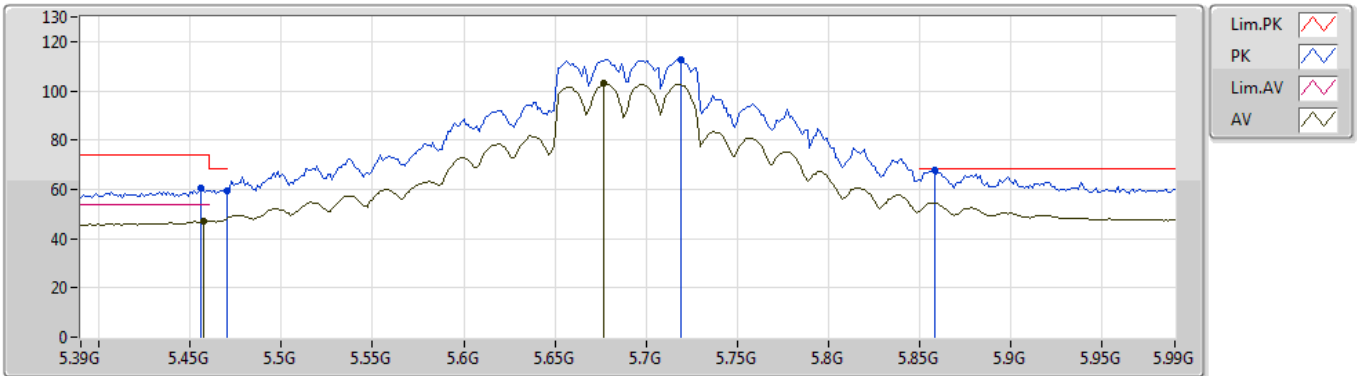
EUT_Y_2TX
Setting 20
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.22136G	53.08	74.00	-20.92	11.81	3	Horizontal	113	1.44	-	41.27			
AV	11.21786G	39.70	54.00	-14.30	11.80	3	Horizontal	113	1.44	-	27.90			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5690MHz_TX



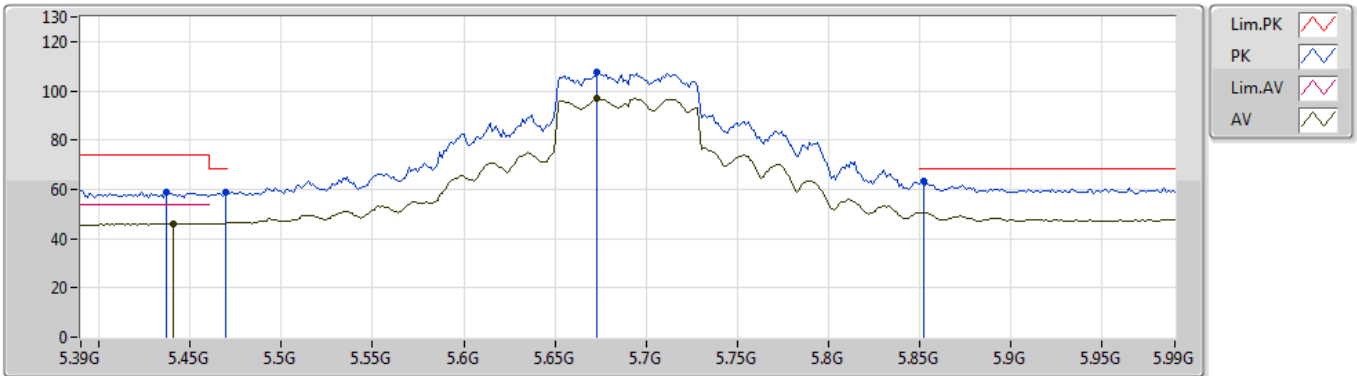
EUT Y_2TX
Setting 21.5
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.456G	60.56	74.00	-13.44	5.21	3	Vertical	262	1.04	-	55.35			
AV	5.4572G	47.29	54.00	-6.71	5.21	3	Vertical	262	1.04	-	42.08			
PK	5.47G	59.66	68.20	-8.54	5.26	3	Vertical	262	1.04	-	54.40			
PK	5.7188G	112.79	Inf	-Inf	5.79	3	Vertical	262	1.04	-	107.00			
AV	5.6768G	102.88	Inf	-Inf	5.72	3	Vertical	262	1.04	-	97.16			
PK	5.858G	67.93	68.20	-0.27	6.39	3	Vertical	262	1.04	-	61.54			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5690MHz_TX



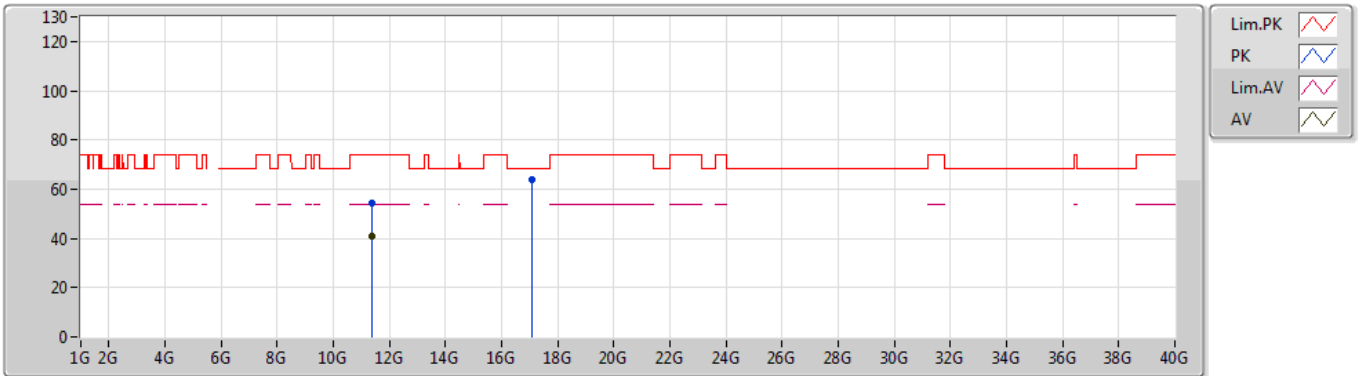
EUT Y_2TX
Setting 21.5
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4368G	58.85	74.00	-15.15	5.14	3	Horizontal	265	1.01	-	53.71			
AV	5.4404G	46.16	54.00	-7.84	5.15	3	Horizontal	265	1.01	-	41.01			
PK	5.4692G	58.89	68.20	-9.31	5.26	3	Horizontal	265	1.01	-	53.63			
PK	5.6732G	107.53	Inf	-Inf	5.71	3	Horizontal	265	1.01	-	101.82			
AV	5.6732G	96.83	Inf	-Inf	5.71	3	Horizontal	265	1.01	-	91.12			
PK	5.852G	63.11	68.20	-5.09	6.34	3	Horizontal	265	1.01	-	56.77			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5690MHz_TX



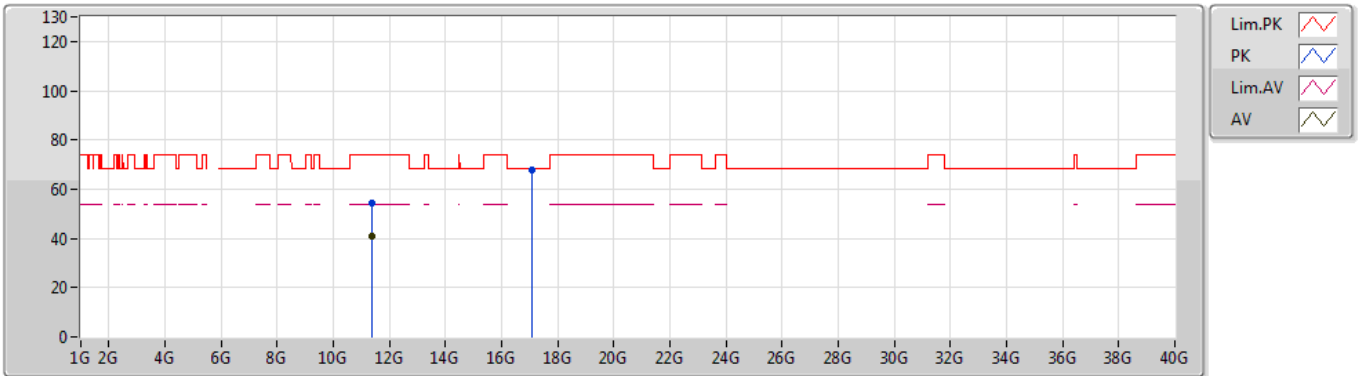
EUT Y_2TX
Setting 21.5
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.37128G	54.30	74.00	-19.70	11.86	3	Vertical	100	1.76	-	42.44			
AV	11.3928G	40.96	54.00	-13.04	11.88	3	Vertical	100	1.76	-	29.08			
PK	17.08984G	63.82	68.20	-4.38	17.78	3	Vertical	303	1.62	-	46.04			

802.11ac VHT80_Nss1,(MCS0)_2TX

06/08/2019

5690MHz_TX



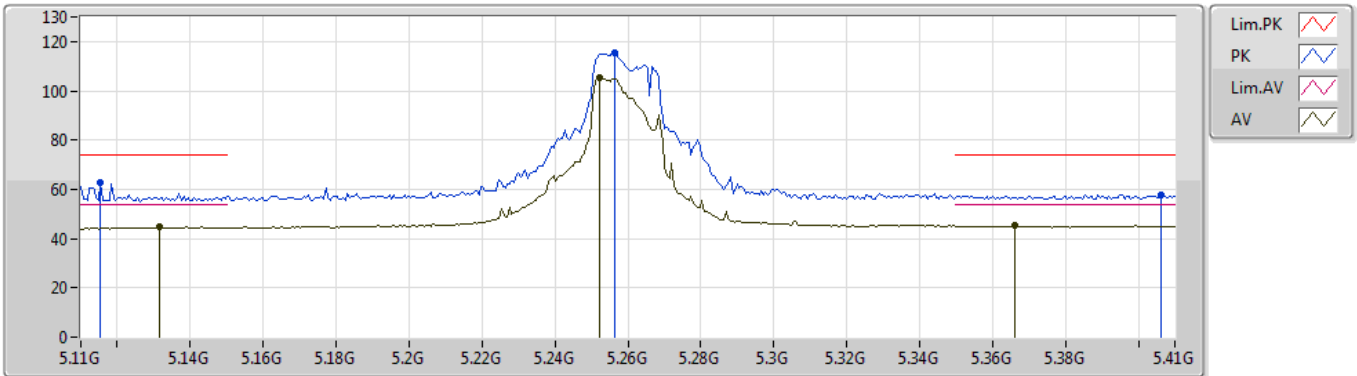
EUT Y_2TX
Setting 21.5
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.38952G	54.41	74.00	-19.59	11.88	3	Horizontal	310	2.37	-	42.53			
AV	11.39528G	40.95	54.00	-13.05	11.88	3	Horizontal	310	2.37	-	29.07			
PK	17.08336G	68.01	68.20	-0.19	17.77	3	Horizontal	283	1.87	-	50.24			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5260MHz_TX



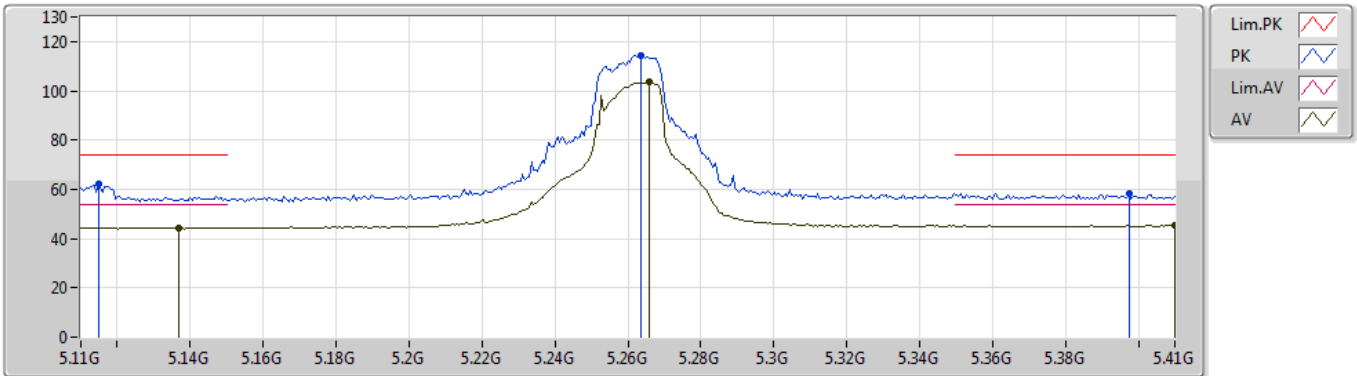
EUT Y_2TX
Setting 21
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1154G	63.02	74.00	-10.98	4.23	3	Vertical	359	1.50	-	58.79			
AV	5.1316G	44.61	54.00	-9.39	4.24	3	Vertical	359	1.50	-	40.37			
PK	5.2564G	115.44	Inf	-Inf	4.48	3	Vertical	359	1.50	-	110.96			
AV	5.2522G	105.35	Inf	-Inf	4.47	3	Vertical	359	1.50	-	100.88			
PK	5.4064G	57.80	74.00	-16.20	5.02	3	Vertical	359	1.50	-	52.78			
AV	5.3662G	45.19	54.00	-8.81	4.87	3	Vertical	359	1.50	-	40.32			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5260MHz_TX



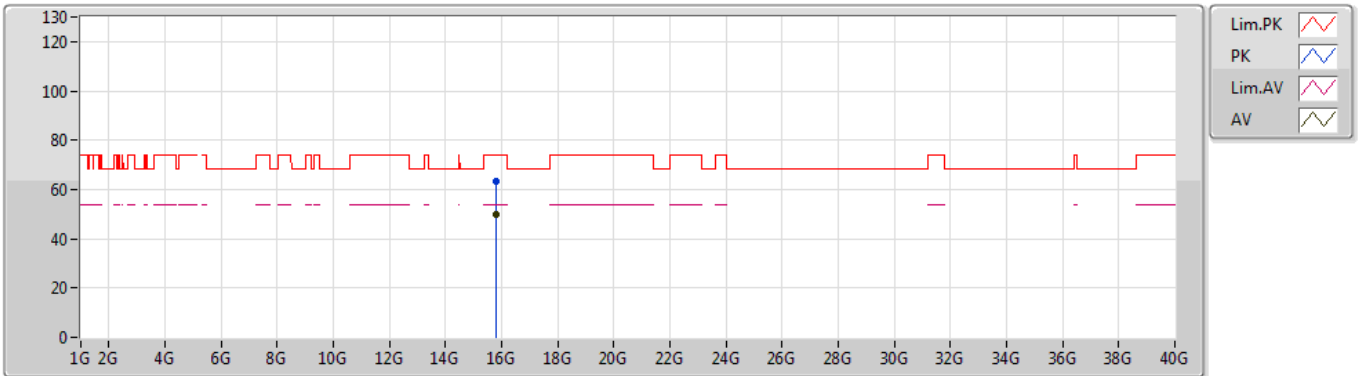
EUT Y_2TX
Setting 21
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1148G	62.02	74.00	-11.98	4.22	3	Horizontal	350	1.92	-	57.80			
AV	5.137G	44.54	54.00	-9.46	4.25	3	Horizontal	350	1.92	-	40.29			
PK	5.2636G	114.21	Inf	-Inf	4.50	3	Horizontal	350	1.92	-	109.71			
AV	5.266G	103.41	Inf	-Inf	4.52	3	Horizontal	350	1.92	-	98.89			
PK	5.3974G	58.45	74.00	-15.55	4.98	3	Horizontal	350	1.92	-	53.47			
AV	5.41G	45.40	54.00	-8.60	5.03	3	Horizontal	350	1.92	-	40.37			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5260MHz_TX



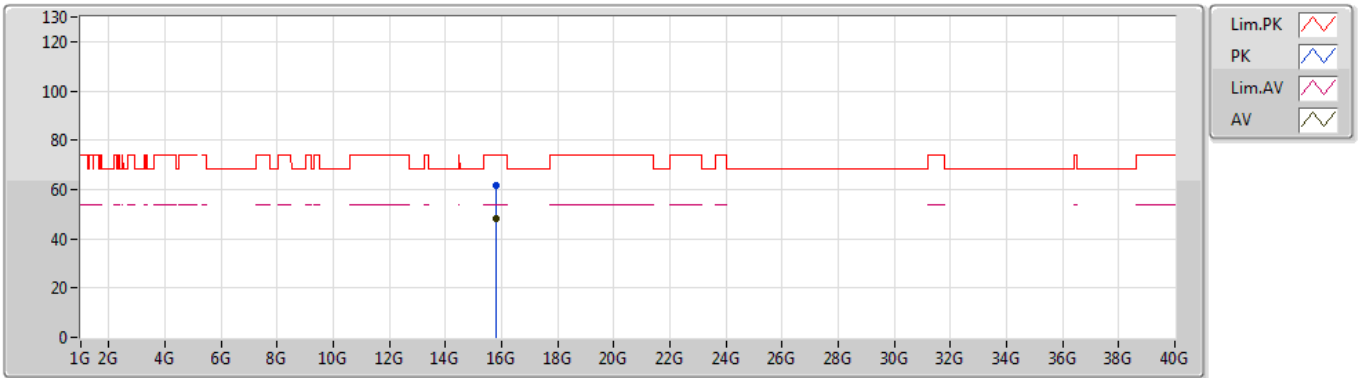
EUT Y_2TX
Setting 21
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.78144G	63.19	74.00	-10.81	14.16	3	Vertical	18	1.57	-	49.03			
AV	15.78212G	50.02	54.00	-3.98	14.16	3	Vertical	18	1.57	-	35.86			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5260MHz_TX



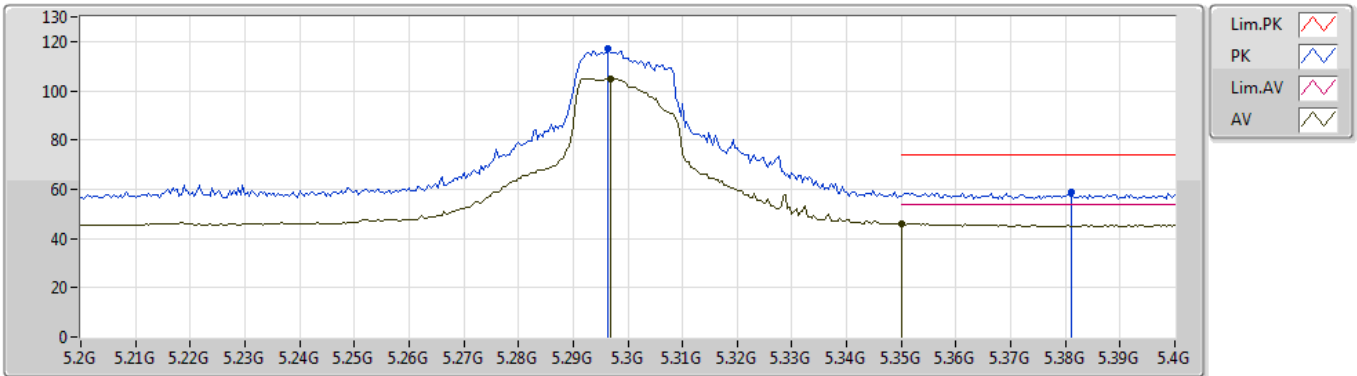
EUT Y_2TX
Setting 21
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.7836G	61.69	74.00	-12.31	14.17	3	Horizontal	276	1.50	-	47.52			
AV	15.78036G	48.24	54.00	-5.76	14.16	3	Horizontal	276	1.50	-	34.08			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5300MHz_TX



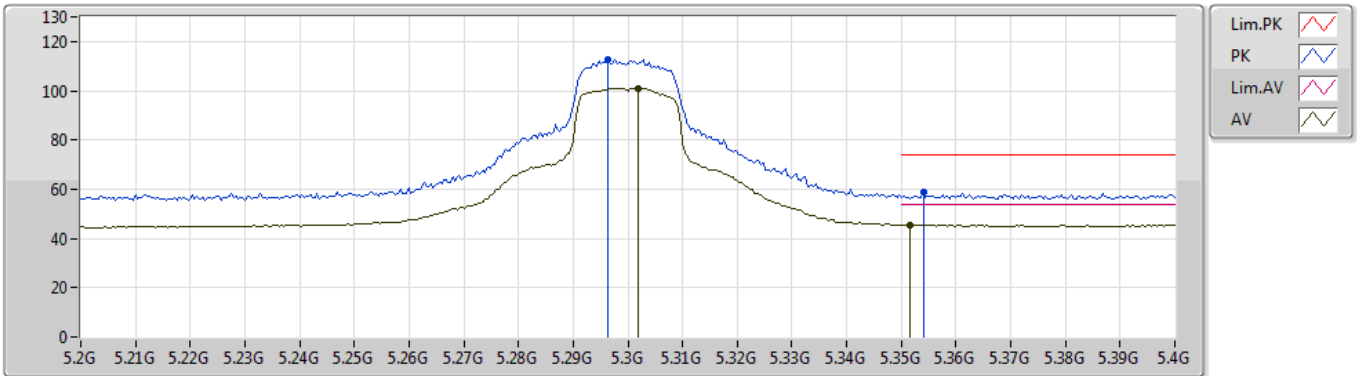
EUT Y_2TX
Setting 21
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.2964G	117.15	Inf	-Inf	4.63	3	Vertical	89	1.72	-	112.52			
AV	5.2968G	104.93	Inf	-Inf	4.63	3	Vertical	89	1.72	-	100.30			
PK	5.3812G	58.80	74.00	-15.20	4.92	3	Vertical	89	1.72	-	53.88			
AV	5.35G	45.94	54.00	-8.06	4.81	3	Vertical	89	1.72	-	41.13			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5300MHz_TX



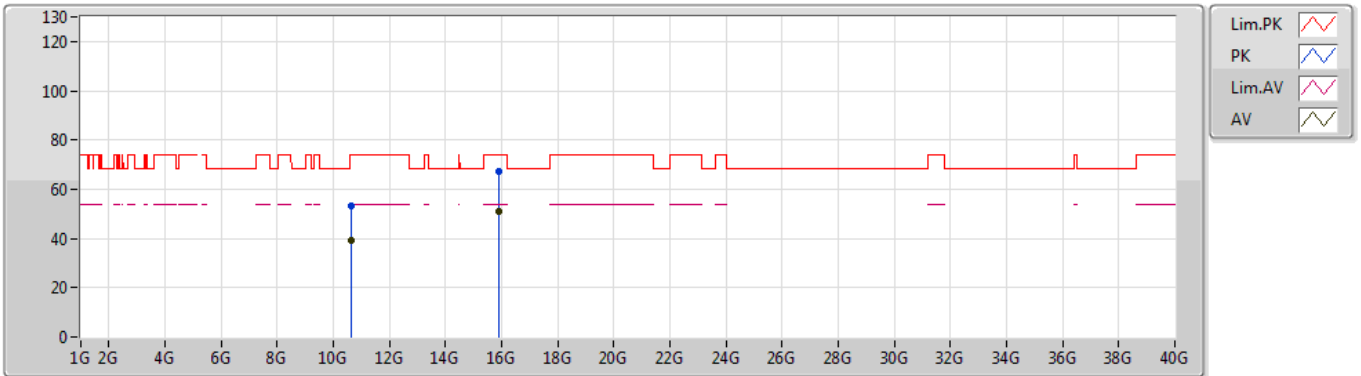
EUT Y_2TX
Setting 21
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.2964G	112.61	Inf	-Inf	4.63	3	Horizontal	0	1.54	-	107.98			
AV	5.302G	101.12	Inf	-Inf	4.65	3	Horizontal	0	1.54	-	96.47			
PK	5.354G	58.59	74.00	-15.41	4.82	3	Horizontal	0	1.54	-	53.77			
AV	5.3516G	45.60	54.00	-8.40	4.81	3	Horizontal	0	1.54	-	40.79			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5300MHz_TX



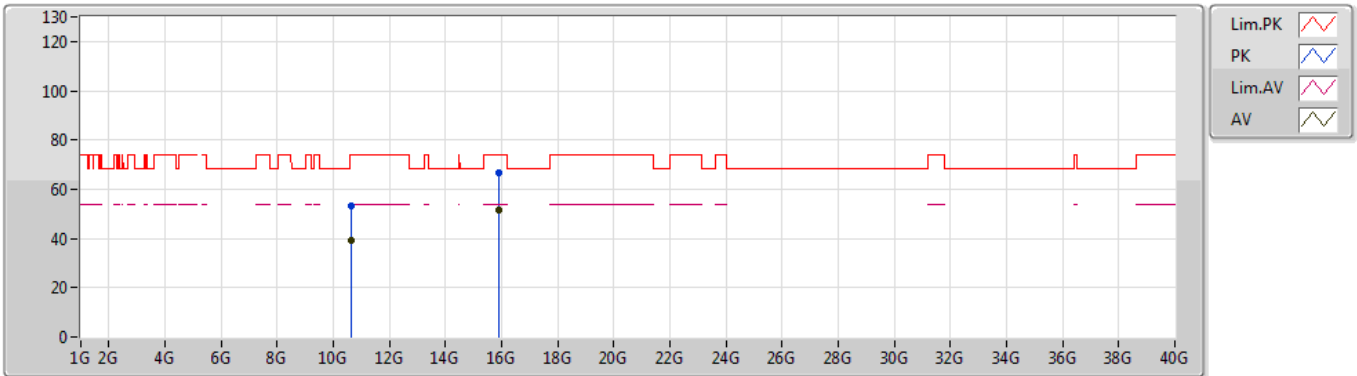
EUT Y_2TX
Setting 21
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.63032G	53.13	74.00	-20.87	11.21	3	Vertical	245	1.59	-	41.92			
AV	10.63908G	39.36	54.00	-14.64	11.23	3	Vertical	245	1.59	-	28.13			
PK	15.90144G	67.02	74.00	-6.98	14.02	3	Vertical	281	1.18	-	53.00			
AV	15.8968G	51.24	54.00	-2.76	14.03	3	Vertical	281	1.18	-	37.21			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5300MHz_TX



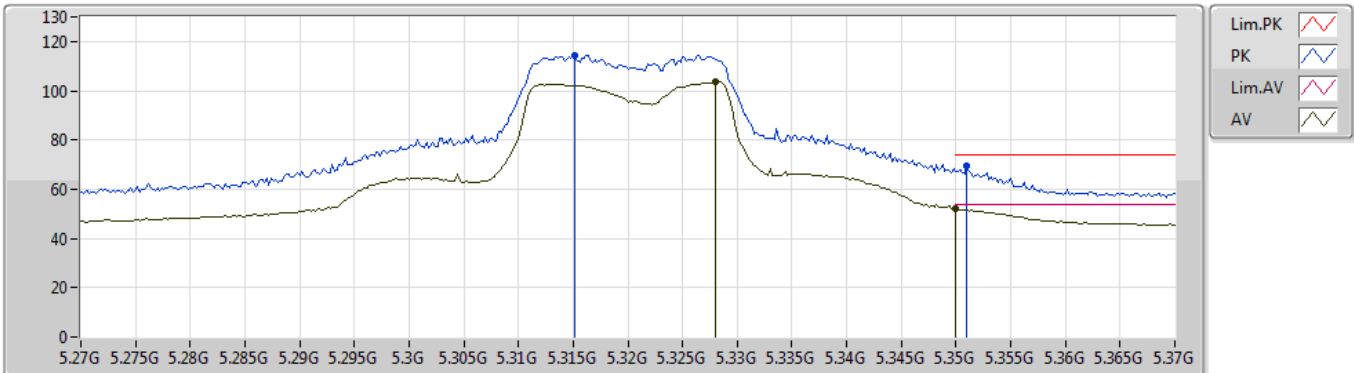
EUT Y_2TX
Setting 21
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.63088G	53.04	74.00	-20.96	11.21	3	Horizontal	360	2.13	-	41.83			
AV	10.6358G	39.43	54.00	-14.57	11.23	3	Horizontal	360	2.13	-	28.20			
PK	15.90912G	66.67	74.00	-7.33	14.00	3	Horizontal	96	2.40	-	52.67			
AV	15.90132G	51.57	54.00	-2.43	14.02	3	Horizontal	96	2.40	-	37.55			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5320MHz_TX



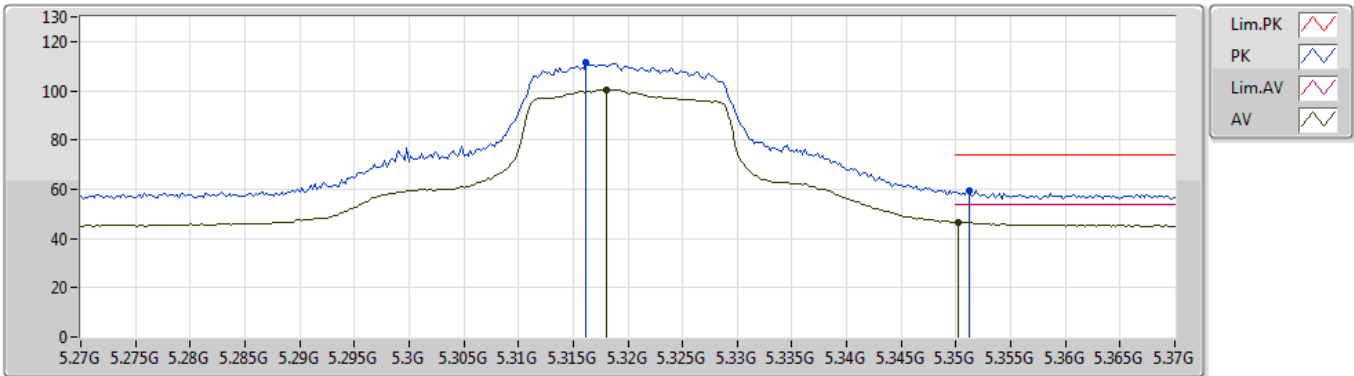
EUT Y_2TX
Setting 20
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3152G	114.50	Inf	-Inf	4.70	3	Vertical	109	1.63	-	109.80			
AV	5.328G	103.49	Inf	-Inf	4.74	3	Vertical	109	1.63	-	98.75			
PK	5.351G	69.50	74.00	-4.50	4.81	3	Vertical	109	1.63	-	64.69			
AV	5.35G	51.97	54.00	-2.03	4.81	3	Vertical	109	1.63	-	47.16			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5320MHz_TX



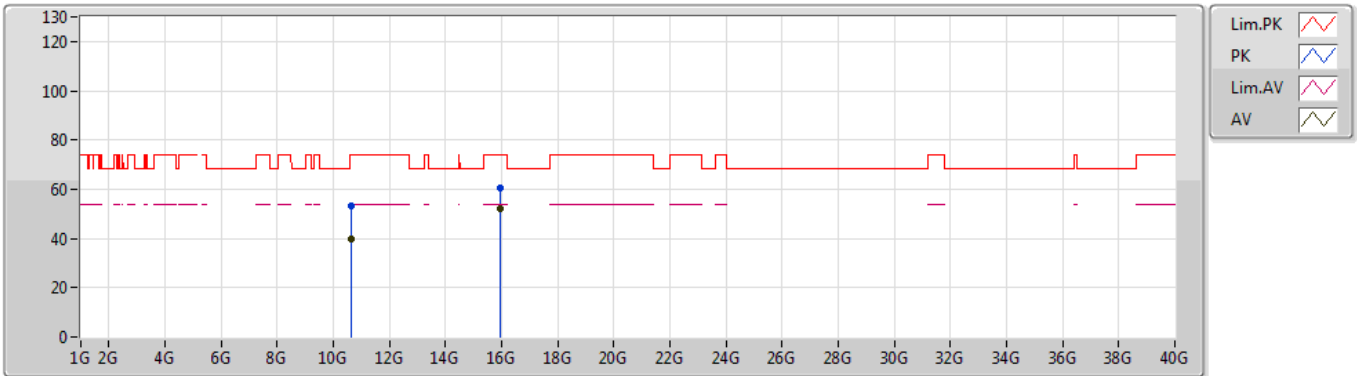
EUT_V_2TX
Setting 20
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.3162G	111.35	Inf	-Inf	4.70	3	Horizontal	16	1.56	-	106.65			
AV	5.318G	100.39	Inf	-Inf	4.70	3	Horizontal	16	1.56	-	95.69			
PK	5.3512G	59.22	74.00	-14.78	4.81	3	Horizontal	16	1.56	-	54.41			
AV	5.3502G	46.64	54.00	-7.36	4.81	3	Horizontal	16	1.56	-	41.83			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5320MHz_TX



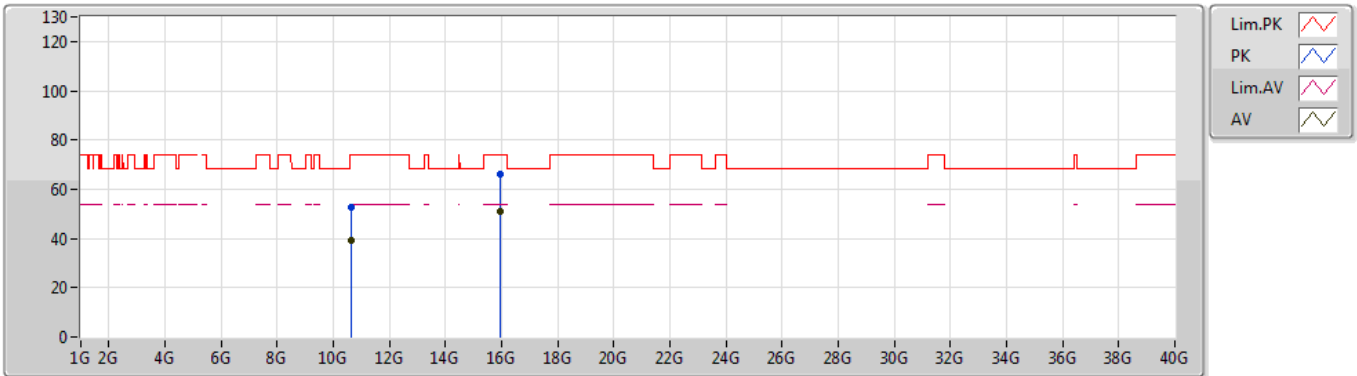
EUT Y_2TX
Setting 20
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.63324G	53.39	74.00	-20.61	11.23	3	Vertical	81	1.50	-	42.16			
AV	10.63636G	39.56	54.00	-14.44	11.23	3	Vertical	81	1.50	-	28.33			
PK	15.96704G	60.61	74.00	-13.39	13.94	3	Vertical	56	1.50	-	46.67			
AV	15.96212G	52.18	54.00	-1.82	13.94	3	Vertical	20	1.50	-	38.24			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5320MHz_TX



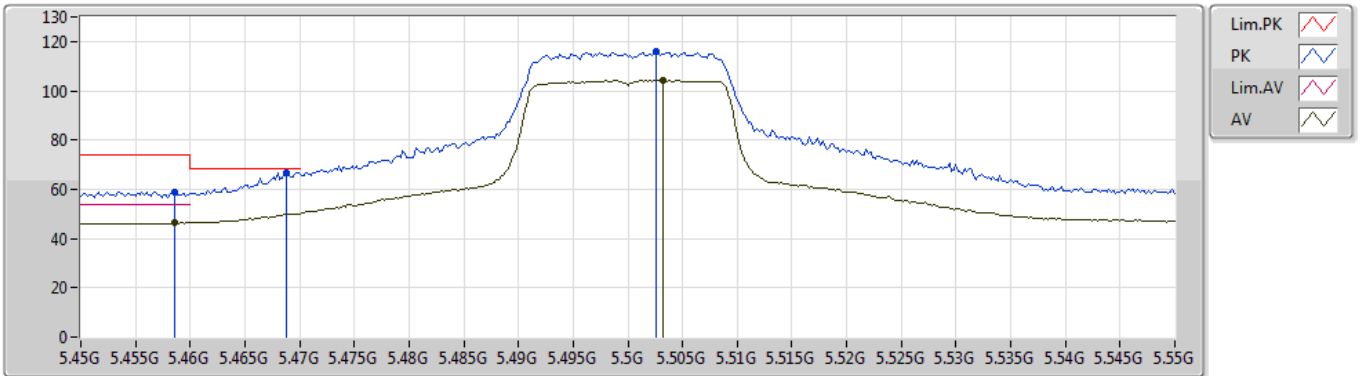
EUT Y_2TX
Setting 20
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.6356G	52.58	74.00	-21.42	11.23	3	Horizontal	332	2.51	-	41.35			
AV	10.6468G	39.19	54.00	-14.81	11.24	3	Horizontal	332	2.51	-	27.95			
PK	15.95484G	66.04	74.00	-7.96	13.96	3	Horizontal	38	1.46	-	52.08			
AV	15.95568G	51.11	54.00	-2.89	13.96	3	Horizontal	38	1.46	-	37.15			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5500MHz_TX



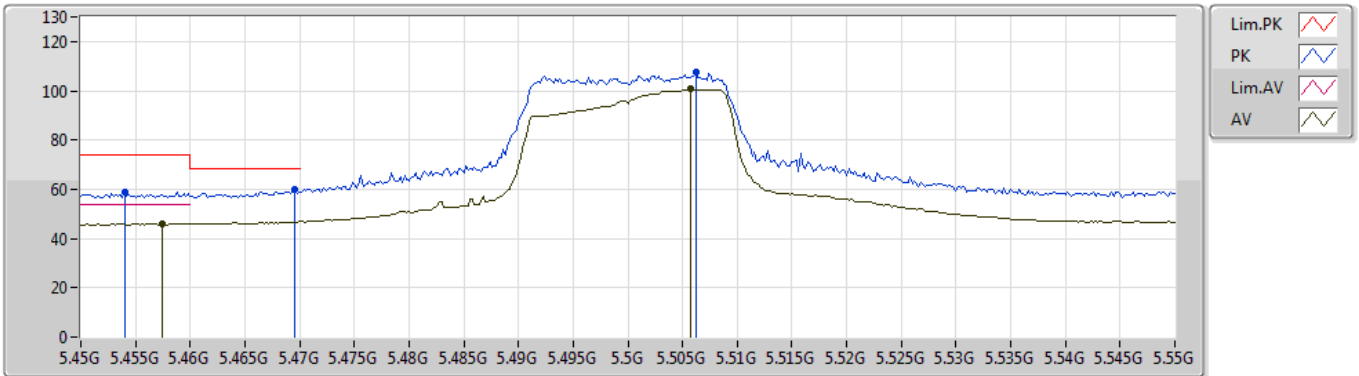
EUT Y_2TX
Setting 20
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4586G	58.82	74.00	-15.18	5.22	3	Vertical	271	1.07	-	53.60			
AV	5.4586G	46.47	54.00	-7.53	5.22	3	Vertical	271	1.07	-	41.25			
PK	5.4688G	66.83	68.20	-1.37	5.26	3	Vertical	271	1.07	-	61.57			
PK	5.5026G	116.03	Inf	-Inf	5.39	3	Vertical	271	1.07	-	110.64			
AV	5.5032G	104.08	Inf	-Inf	5.39	3	Vertical	271	1.07	-	98.69			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5500MHz_TX



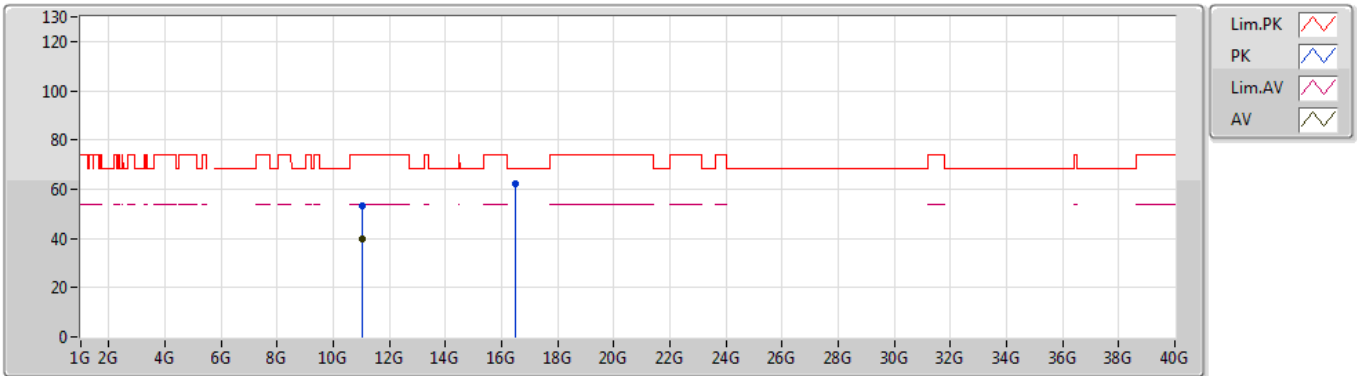
EUT Y_2TX
Setting 20
01-G-2-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.454G	58.68	74.00	-15.32	5.19	3	Horizontal	17	1.21	-	53.49			
AV	5.4574G	46.02	54.00	-7.98	5.21	3	Horizontal	17	1.21	-	40.81			
PK	5.4696G	59.73	68.20	-8.47	5.26	3	Horizontal	17	1.21	-	54.47			
PK	5.5062G	107.37	Inf	-Inf	5.39	3	Horizontal	2	1.21	-	101.98			
AV	5.5058G	100.67	Inf	-Inf	5.39	3	Horizontal	2	1.21	-	95.28			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5500MHz_TX



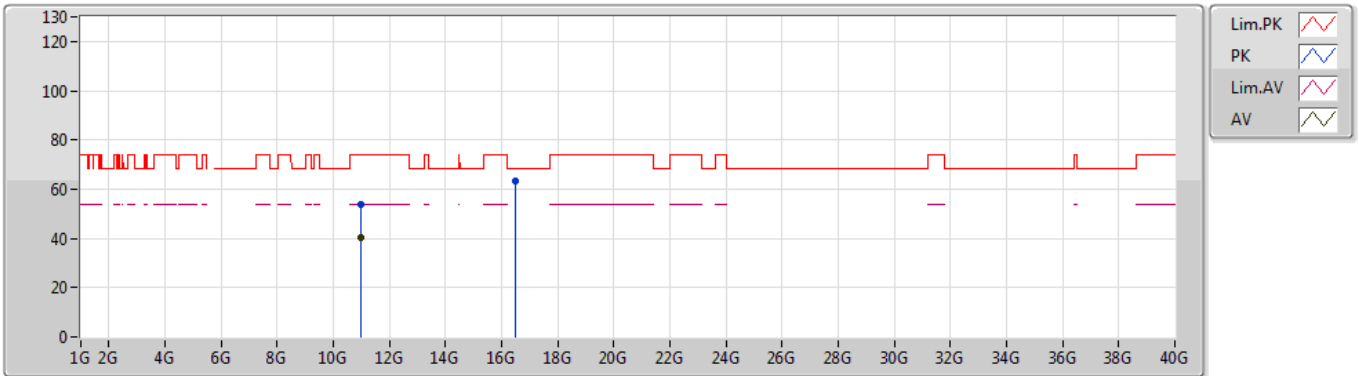
EUT Y_2TX
Setting 20
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.044G	53.08	74.00	-20.92	11.73	3	Vertical	159	2.30	-	41.35			
AV	11.0494G	40.03	54.00	-13.97	11.73	3	Vertical	159	2.30	-	28.30			
PK	16.50332G	62.34	68.20	-5.86	15.78	3	Vertical	42	2.03	-	46.56			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5500MHz_TX



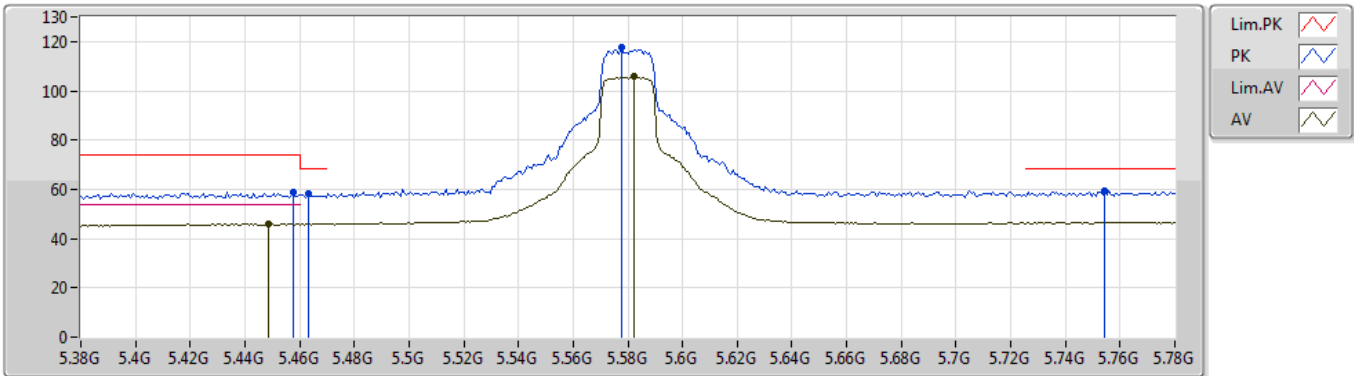
EUT Y_2TX
Setting 20
01-G-2
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.99864G	53.57	74.00	-20.43	11.71	3	Horizontal	269	1.18	-	41.86			
AV	11.00104G	40.10	54.00	-13.90	11.71	3	Horizontal	269	1.18	-	28.39			
PK	16.50728G	63.13	68.20	-5.07	15.79	3	Horizontal	302	1.77	-	47.34			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5580MHz_TX



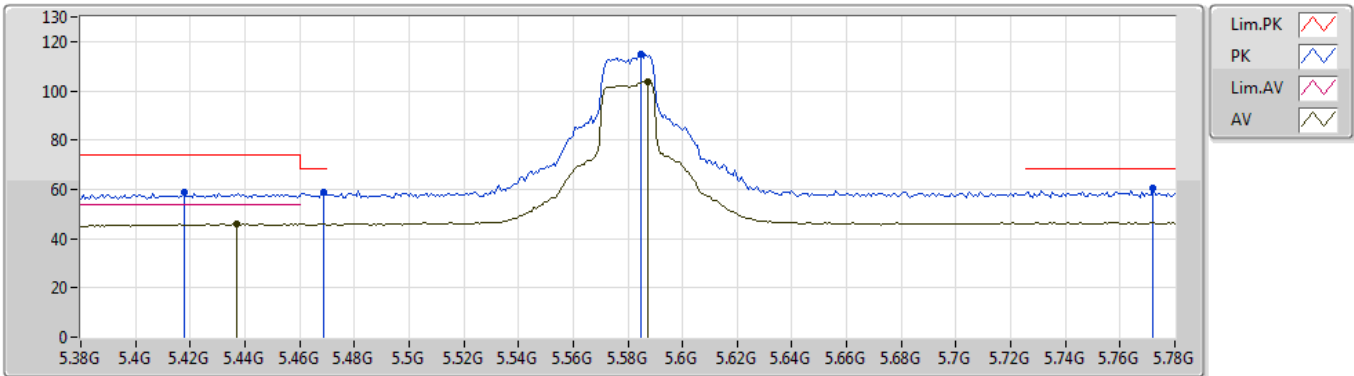
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4576G	59.00	74.00	-15.00	5.21	3	Vertical	266	1.22	-	53.79			
AV	5.4488G	45.90	54.00	-8.10	5.19	3	Vertical	266	1.22	-	40.71			
PK	5.4632G	58.04	68.20	-10.16	5.23	3	Vertical	266	1.22	-	52.81			
PK	5.5776G	117.94	Inf	-Inf	5.58	3	Vertical	266	1.22	-	112.36			
AV	5.5824G	105.78	Inf	-Inf	5.59	3	Vertical	266	1.22	-	100.19			
PK	5.7544G	59.35	68.20	-8.85	5.86	3	Vertical	266	1.22	-	53.49			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5580MHz_TX



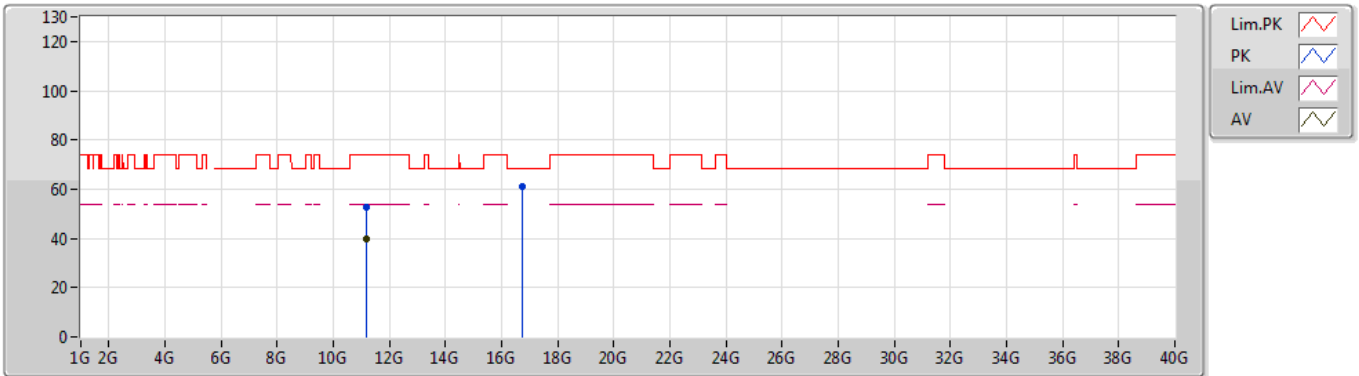
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4176G	59.03	74.00	-14.97	5.06	3	Horizontal	276	2.89	-	53.97			
AV	5.4368G	45.94	54.00	-8.06	5.14	3	Horizontal	276	2.89	-	40.80			
PK	5.4688G	58.78	68.20	-9.42	5.26	3	Horizontal	276	2.89	-	53.52			
PK	5.5848G	114.87	Inf	-Inf	5.60	3	Horizontal	276	2.89	-	109.27			
AV	5.5872G	103.79	Inf	-Inf	5.60	3	Horizontal	276	2.89	-	98.19			
PK	5.772G	60.73	68.20	-7.47	5.90	3	Horizontal	276	2.89	-	54.83			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5580MHz_TX



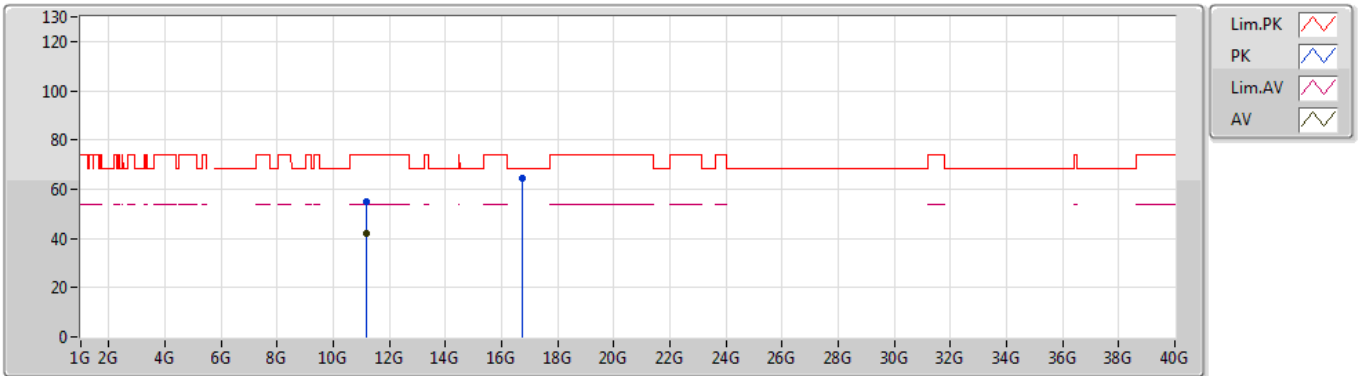
EUT Y_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.16048G	52.94	74.00	-21.06	11.78	3	Vertical	156	1.91	-	41.16			
AV	11.17464G	39.92	54.00	-14.08	11.78	3	Vertical	156	1.91	-	28.14			
PK	16.7252G	61.29	68.20	-6.91	16.59	3	Vertical	45	1.49	-	44.70			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5580MHz_TX



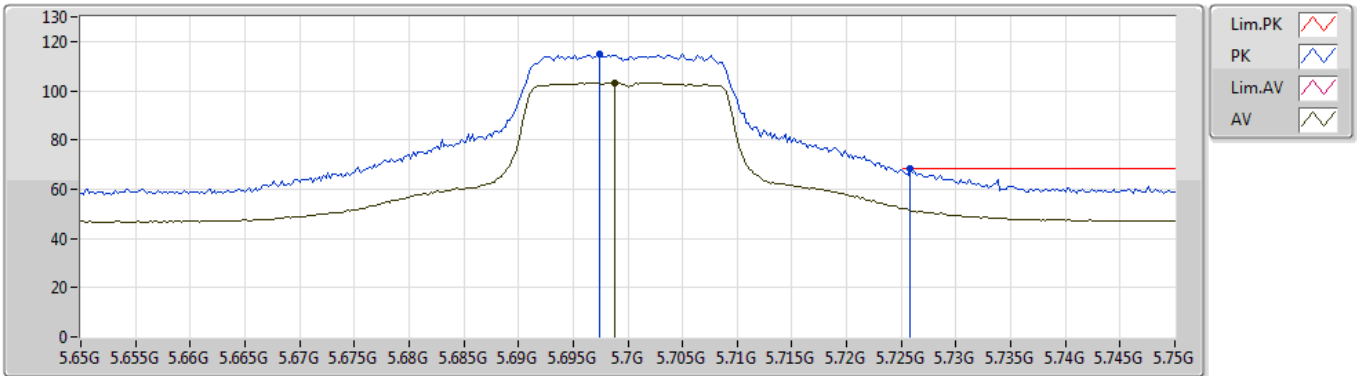
EUT V_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.15776G	54.88	74.00	-19.12	11.78	3	Horizontal	205	2.18	-	43.10			
AV	11.1588G	41.93	54.00	-12.07	11.78	3	Horizontal	205	2.18	-	30.15			
PK	16.74088G	64.38	68.20	-3.82	16.65	3	Horizontal	307	1.85	-	47.73			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5700MHz_TX



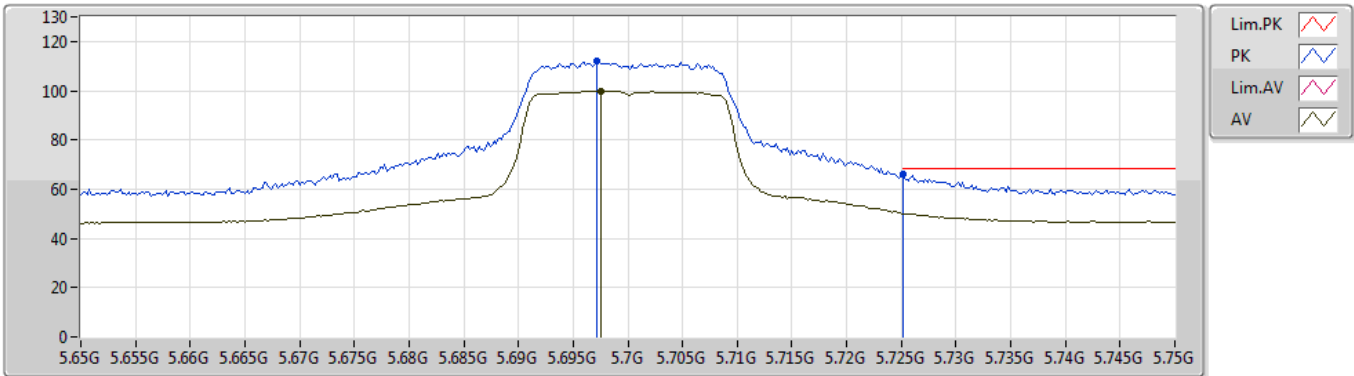
EUT V_2TX
Setting 20
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6974G	115.06	Inf	-Inf	5.74	3	Vertical	296	1.25	-	109.32			
AV	5.6988G	103.10	Inf	-Inf	5.74	3	Vertical	296	1.25	-	97.36			
PK	5.7258G	68.09	68.20	-0.11	5.79	3	Vertical	296	1.25	-	62.30			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5700MHz_TX



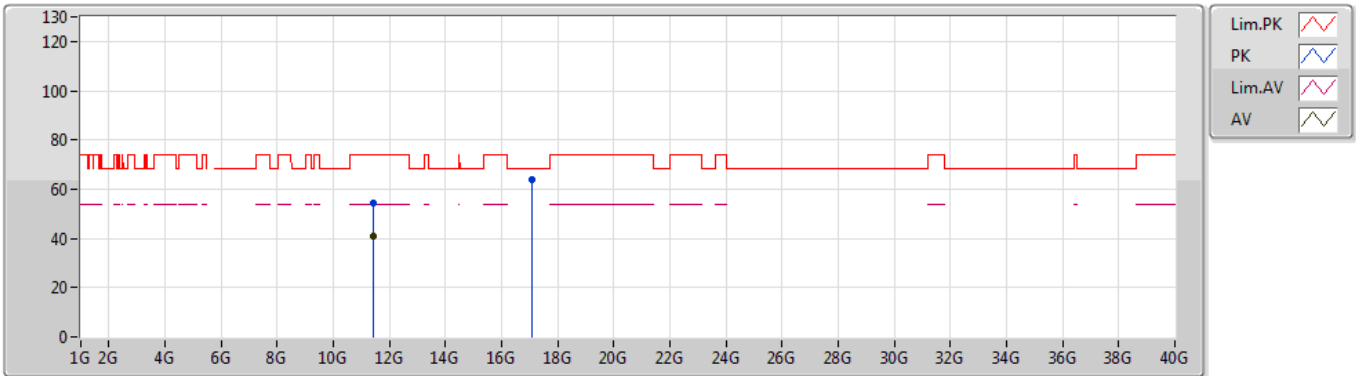
EUT_V_2TX
Setting 20
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6972G	111.91	Inf	-Inf	5.74	3	Horizontal	274	2.92	-	106.17			
AV	5.6976G	99.95	Inf	-Inf	5.74	3	Horizontal	274	2.92	-	94.21			
PK	5.7252G	66.15	68.20	-2.05	5.79	3	Horizontal	274	2.92	-	60.36			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5700MHz_TX



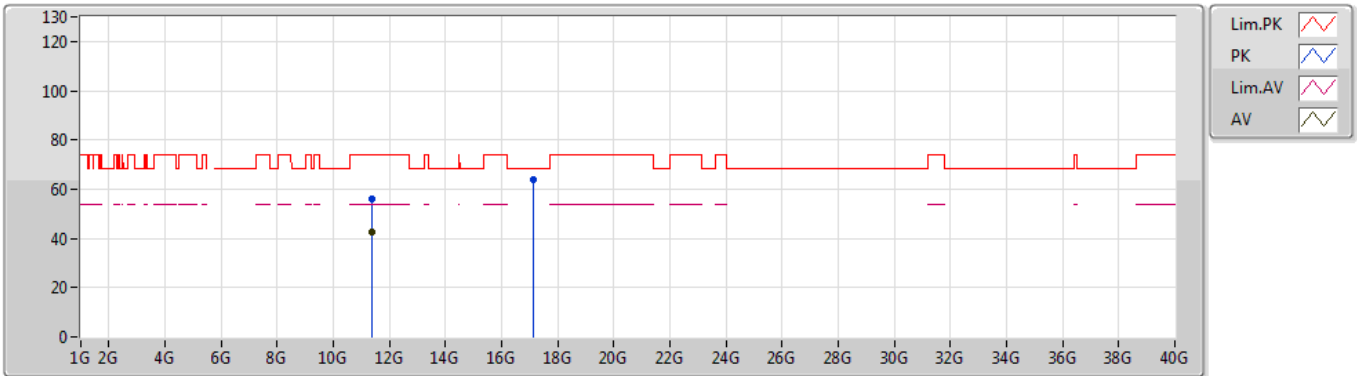
EUT Y_2TX
Setting 20
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.40456G	54.10	74.00	-19.90	11.89	3	Vertical	85	1.50	-	42.21			
AV	11.41256G	41.15	54.00	-12.85	11.89	3	Vertical	85	1.50	-	29.26			
PK	17.09456G	63.94	68.20	-4.26	17.79	3	Vertical	61	1.50	-	46.15			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5700MHz_TX



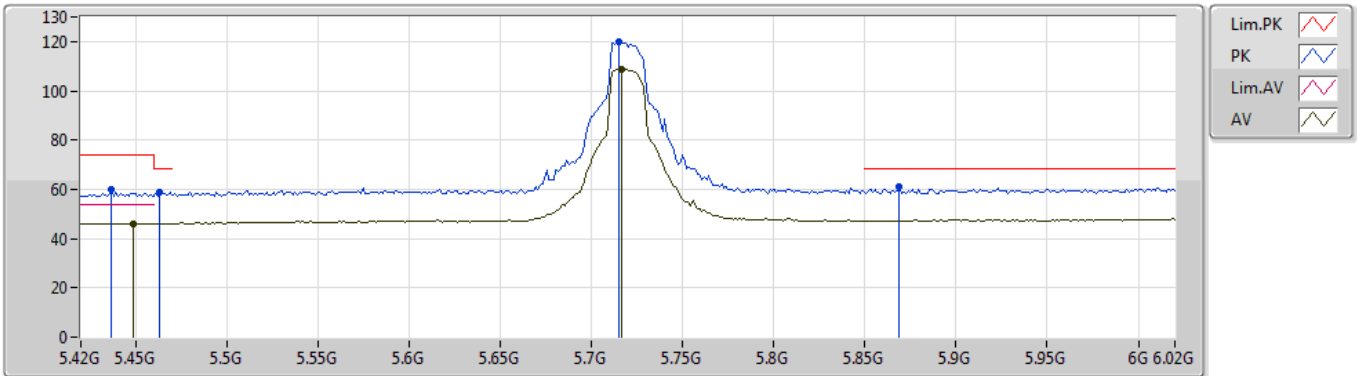
EUT Y_2TX
Setting 20
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.40048G	56.00	74.00	-18.00	11.89	3	Horizontal	202	2.17	-	44.11			
AV	11.39848G	42.62	54.00	-11.38	11.89	3	Horizontal	202	2.17	-	30.73			
PK	17.10656G	63.88	68.20	-4.32	17.81	3	Horizontal	27	2.02	-	46.07			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5720MHz_TX



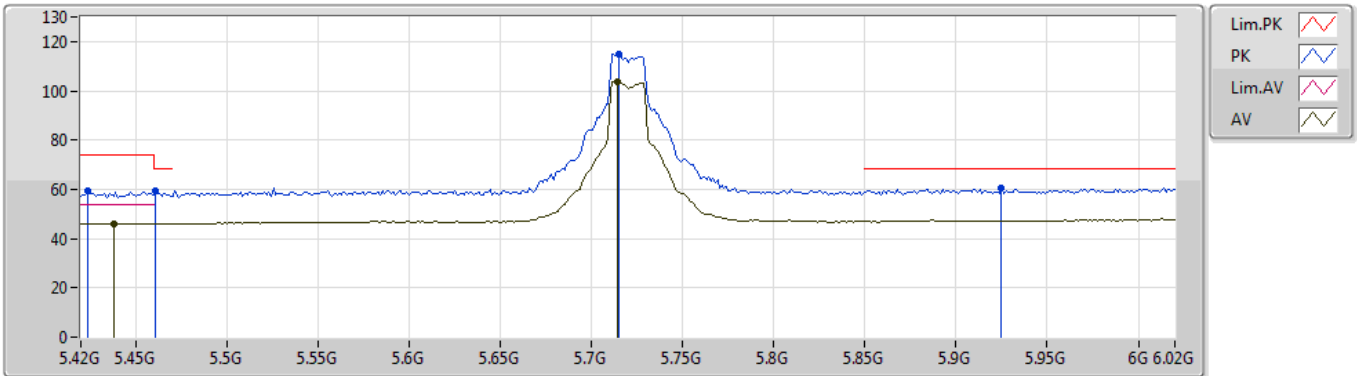
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4368G	59.79	74.00	-14.21	5.14	3	Vertical	316	1.01	-	54.65			
AV	5.4488G	46.22	54.00	-7.78	5.19	3	Vertical	316	1.01	-	41.03			
PK	5.4632G	59.05	68.20	-9.15	5.23	3	Vertical	316	1.01	-	53.82			
PK	5.7152G	119.76	Inf	-Inf	5.78	3	Vertical	316	1.01	-	113.98			
AV	5.7164G	108.73	Inf	-Inf	5.78	3	Vertical	316	1.01	-	102.95			
PK	5.8688G	61.15	68.20	-7.05	6.47	3	Vertical	316	1.01	-	54.68			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5720MHz_TX



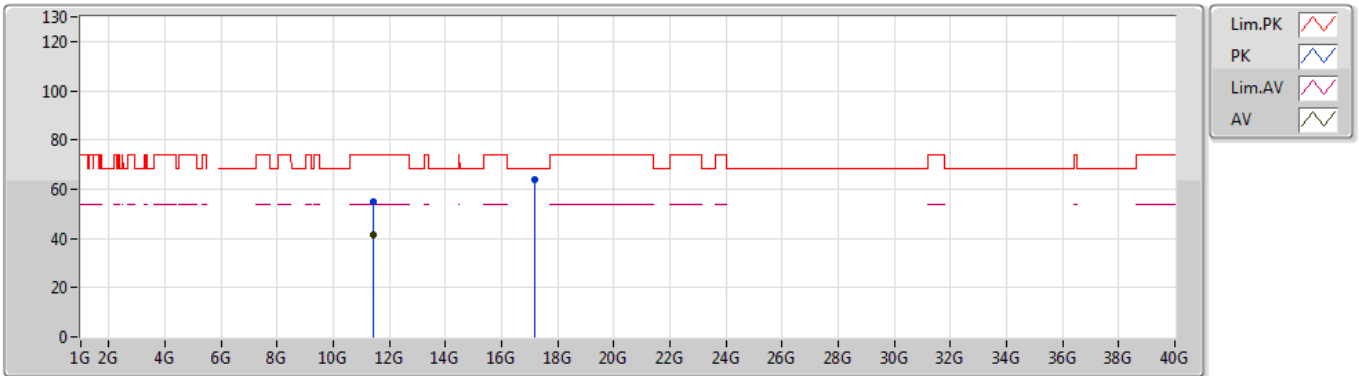
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4236G	59.14	74.00	-14.86	5.08	3	Horizontal	318	1.00	-	54.06			
AV	5.438G	46.10	54.00	-7.90	5.14	3	Horizontal	318	1.00	-	40.96			
PK	5.4608G	59.16	68.20	-9.04	5.22	3	Horizontal	318	1.00	-	53.94			
PK	5.7152G	115.04	Inf	-Inf	5.78	3	Horizontal	318	1.00	-	109.26			
AV	5.714G	103.77	Inf	-Inf	5.78	3	Horizontal	318	1.00	-	97.99			
PK	5.925G	60.38	68.20	-7.82	6.81	3	Horizontal	318	1.00	-	53.57			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5720MHz_TX



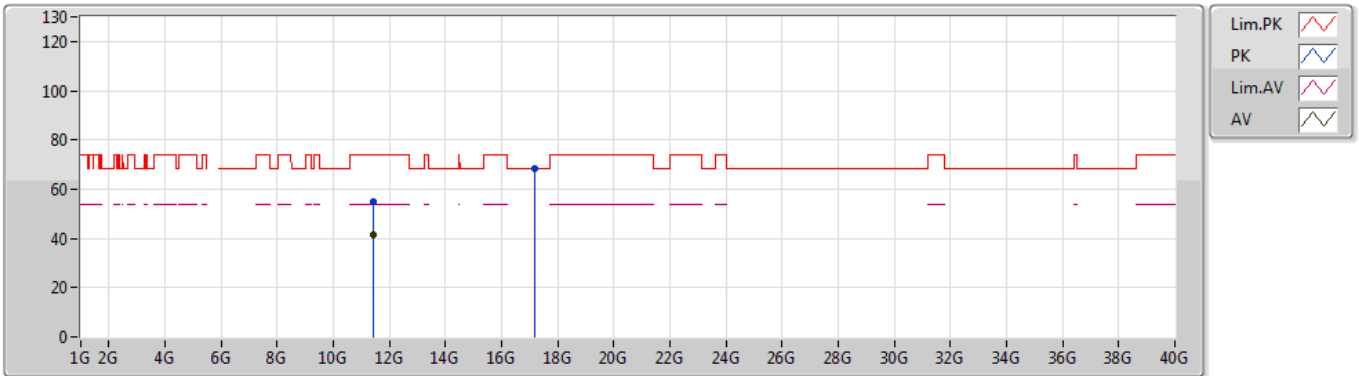
EUT V_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.4412G	54.80	74.00	-19.20	11.90	3	Vertical	343	1.00	-	42.90			
AV	11.4492G	41.28	54.00	-12.72	11.91	3	Vertical	343	1.00	-	29.37			
PK	17.17128G	63.80	68.20	-4.40	17.93	3	Vertical	281	1.72	-	45.87			

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

06/08/2019

5720MHz_TX



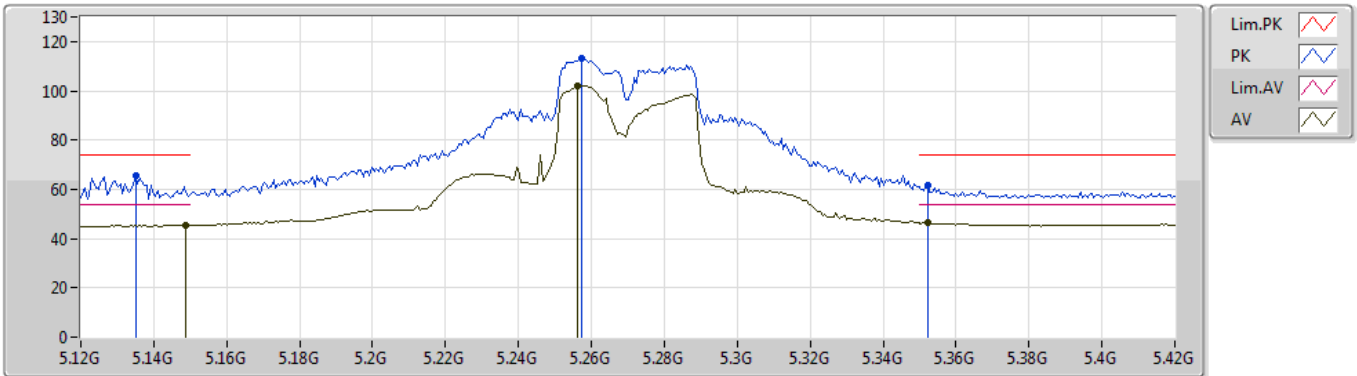
EUT Y_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.43816G	55.19	74.00	-18.81	11.90	3	Horizontal	81	1.78	-	43.29			
AV	11.43048G	41.54	54.00	-12.46	11.91	3	Horizontal	81	1.78	-	29.63			
PK	17.16384G	68.16	68.20	-0.04	17.91	3	Horizontal	293	1.85	-	50.25			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5270MHz_TX



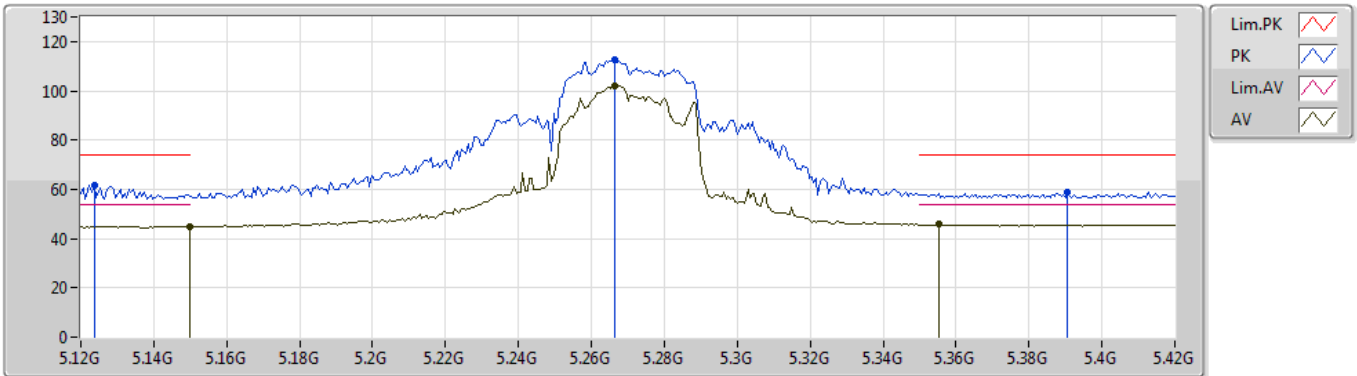
EUT Y_2TX
Setting 21
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.135G	65.60	74.00	-8.40	4.25	3	Vertical	12	1.50	-	61.35			
AV	5.1488G	45.59	54.00	-8.41	4.25	3	Vertical	12	1.50	-	41.34			
PK	5.2574G	113.04	Inf	-Inf	4.48	3	Vertical	12	1.50	-	108.56			
AV	5.2562G	102.12	Inf	-Inf	4.48	3	Vertical	12	1.50	-	97.64			
PK	5.3522G	61.61	74.00	-12.39	4.82	3	Vertical	12	1.50	-	56.79			
AV	5.3522G	46.72	54.00	-7.28	4.82	3	Vertical	12	1.50	-	41.90			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5270MHz_TX



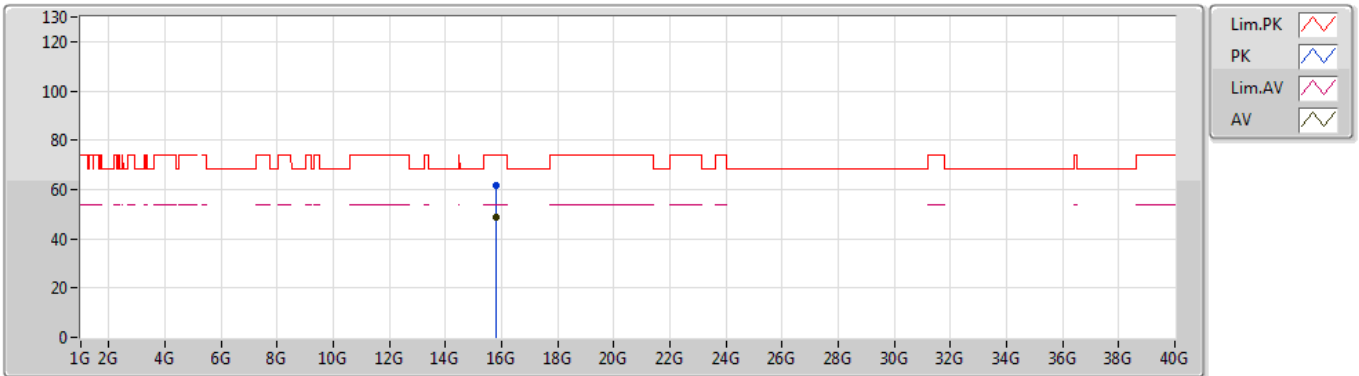
EUT Y_2TX
Setting 21
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1236G	61.82	74.00	-12.18	4.23	3	Horizontal	348	1.91	-	57.59			
AV	5.15G	44.99	54.00	-9.01	4.25	3	Horizontal	348	1.91	-	40.74			
PK	5.2664G	112.49	Inf	-Inf	4.52	3	Horizontal	348	1.91	-	107.97			
AV	5.2664G	102.05	Inf	-Inf	4.52	3	Horizontal	348	1.91	-	97.53			
PK	5.3906G	58.84	74.00	-15.16	4.95	3	Horizontal	348	1.91	-	53.89			
AV	5.3552G	45.69	54.00	-8.31	4.83	3	Horizontal	348	1.91	-	40.86			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5270MHz_TX



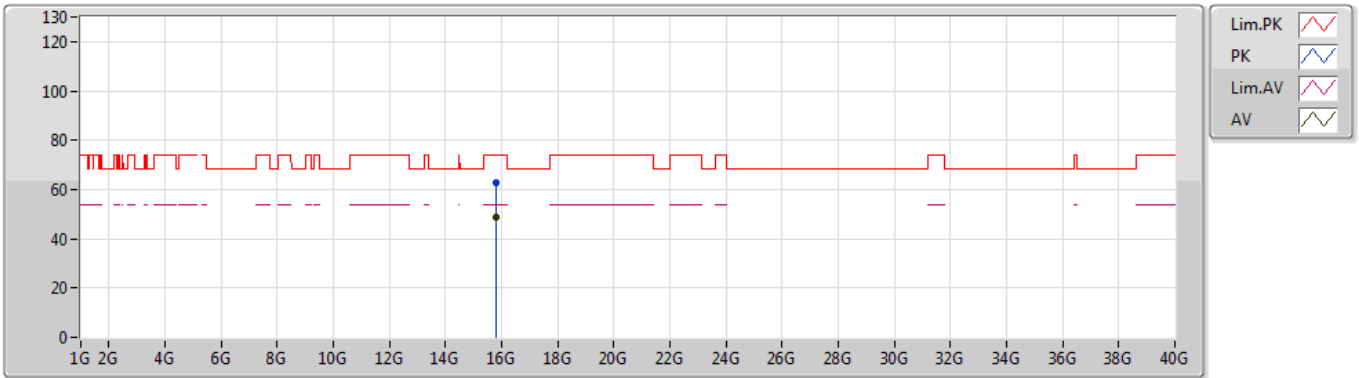
EUT Y_2TX
Setting 21
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.80696G	61.68	74.00	-12.32	14.14	3	Vertical	355	1.94	-	47.54			
AV	15.79296G	48.48	54.00	-5.52	14.15	3	Vertical	355	1.94	-	34.33			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5270MHz_TX



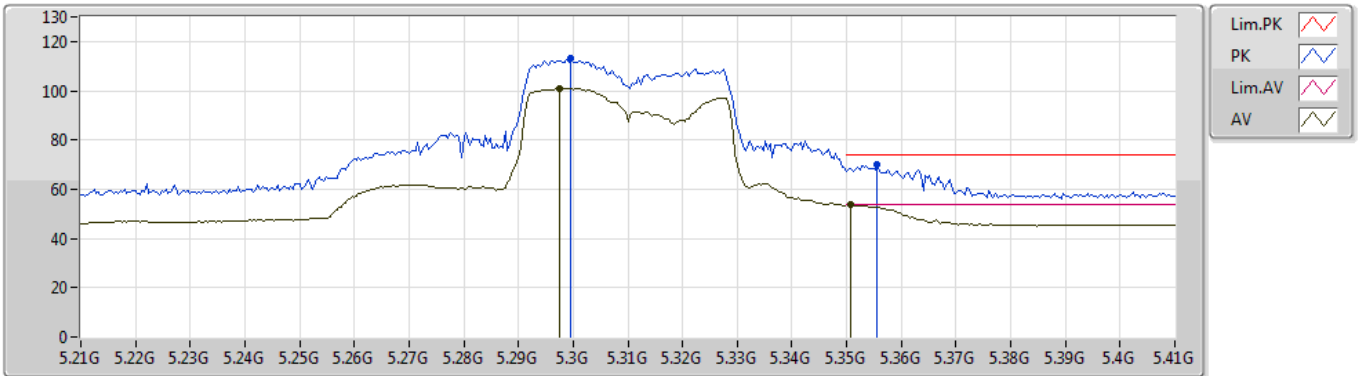
EUT Y_2TX
Setting 21
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.79032G	62.67	74.00	-11.33	14.16	3	Horizontal	296	1.93	-	48.51			
AV	15.79056G	48.53	54.00	-5.47	14.16	3	Horizontal	296	1.93	-	34.37			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5310MHz_TX



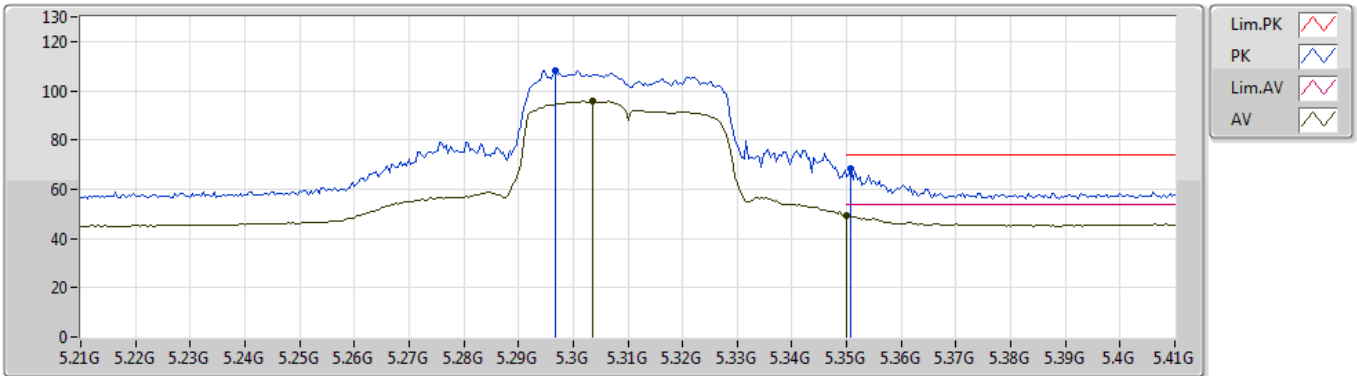
EUT Y_2TX
Setting 18
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.2996G	113.46	Inf	-Inf	4.64	3	Vertical	102	1.67	-	108.82			
AV	5.2976G	101.14	Inf	-Inf	4.63	3	Vertical	102	1.67	-	96.51			
PK	5.3556G	70.14	74.00	-3.86	4.83	3	Vertical	102	1.67	-	65.31			
AV	5.3508G	53.84	54.00	-0.16	4.81	3	Vertical	102	1.67	-	49.03			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5310MHz_TX



EUT Y_2TX
Setting 18
01-B-4-10
FSP(100056)

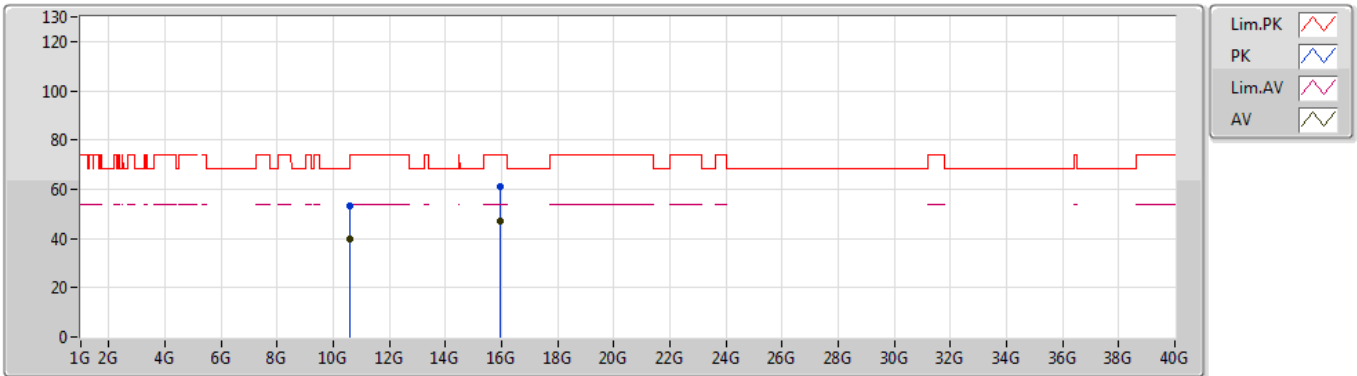
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.2968G	108.38	Inf	-Inf	4.63	3	Horizontal	352	1.47	-	103.75			
AV	5.3036G	96.07	Inf	-Inf	4.65	3	Horizontal	352	1.47	-	91.42			
PK	5.3508G	68.13	74.00	-5.87	4.81	3	Horizontal	352	1.47	-	63.32			
AV	5.35G	49.27	54.00	-4.73	4.81	3	Horizontal	352	1.47	-	44.46			



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5310MHz_TX



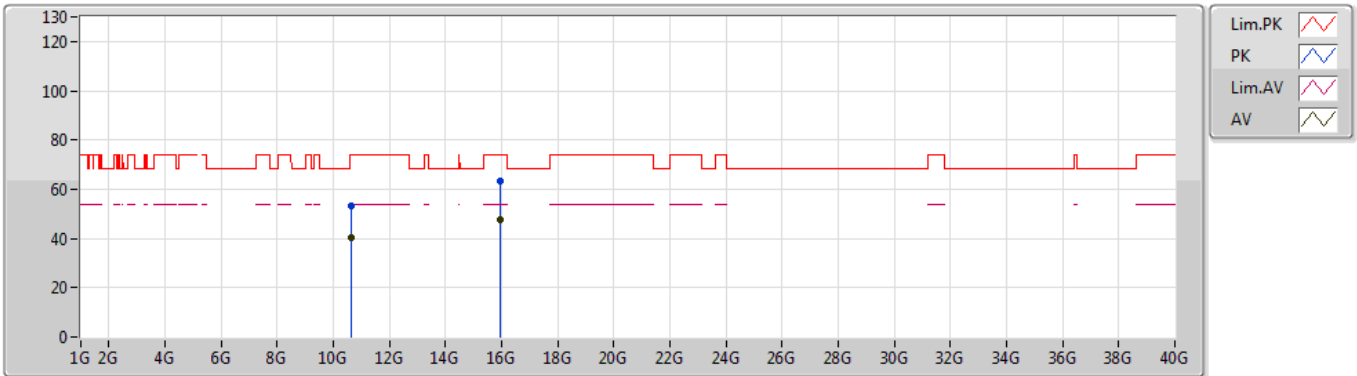
EUT Y_2TX
Setting 18
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.6004G	53.51	74.00	-20.49	11.17	3	Vertical	33	1.43	-	42.34			
AV	10.61216G	39.90	54.00	-14.10	11.19	3	Vertical	33	1.43	-	28.71			
PK	15.93024G	61.34	74.00	-12.66	13.98	3	Vertical	353	1.50	-	47.36			
AV	15.93608G	47.22	54.00	-6.78	13.98	3	Vertical	353	1.50	-	33.24			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5310MHz_TX



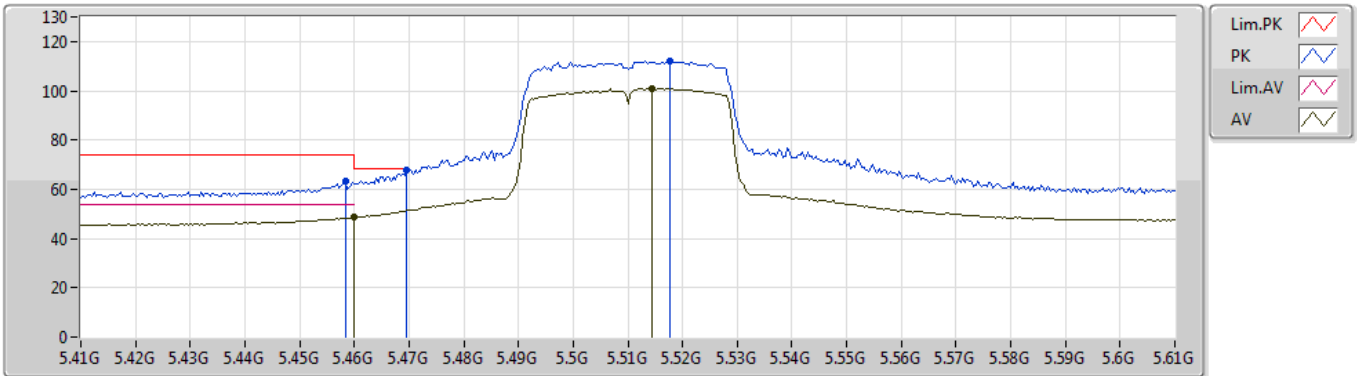
EUT Y_2TX
Setting 18
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	10.616G	53.15	74.00	-20.85	11.19	3	Horizontal	267	1.50	-	41.96			
AV	10.61976G	40.29	54.00	-13.71	11.20	3	Horizontal	267	1.50	-	29.09			
PK	15.93816G	63.12	74.00	-10.88	13.98	3	Horizontal	291	2.56	-	49.14			
AV	15.94032G	47.89	54.00	-6.11	13.98	3	Horizontal	291	2.56	-	33.91			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5510MHz_TX



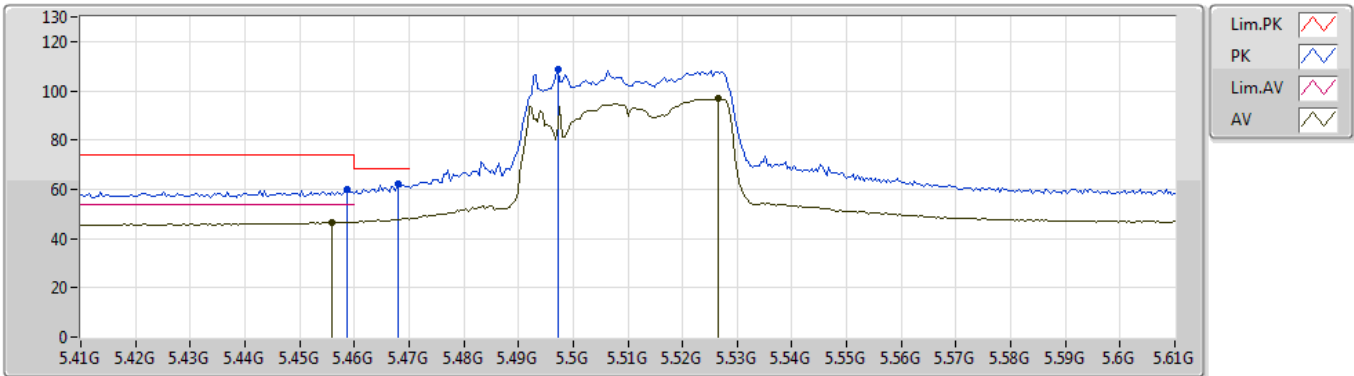
EUT Y_2TX
Setting 19
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4584G	63.13	74.00	-10.87	5.22	3	Vertical	270	1.03	-	57.91			
AV	5.46G	48.62	54.00	-5.38	5.22	3	Vertical	270	1.03	-	43.40			
PK	5.4696G	67.74	68.20	-0.46	5.26	3	Vertical	270	1.03	-	62.48			
PK	5.5176G	112.27	Inf	-Inf	5.43	3	Vertical	270	1.03	-	106.84			
AV	5.5144G	100.82	Inf	-Inf	5.42	3	Vertical	270	1.03	-	95.40			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5510MHz_TX



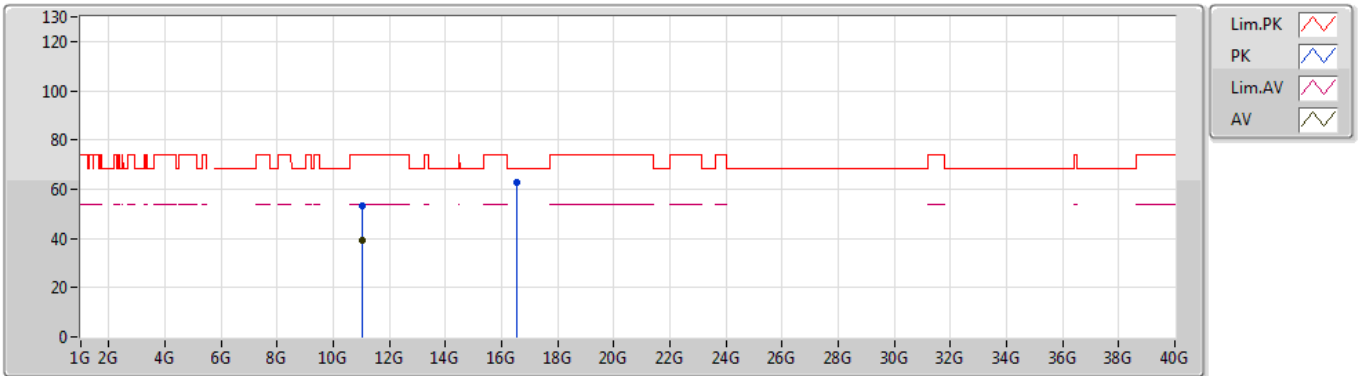
EUT Y_2TX
Setting 19
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4588G	59.69	74.00	-14.31	5.22	3	Horizontal	339	1.20	-	54.47			
AV	5.456G	46.65	54.00	-7.35	5.21	3	Horizontal	339	1.20	-	41.44			
PK	5.468G	62.12	68.20	-6.08	5.25	3	Horizontal	339	1.20	-	56.87			
PK	5.4972G	108.44	Inf	-Inf	5.37	3	Horizontal	339	1.20	-	103.07			
AV	5.5264G	96.72	Inf	-Inf	5.44	3	Horizontal	339	1.20	-	91.28			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5510MHz_TX



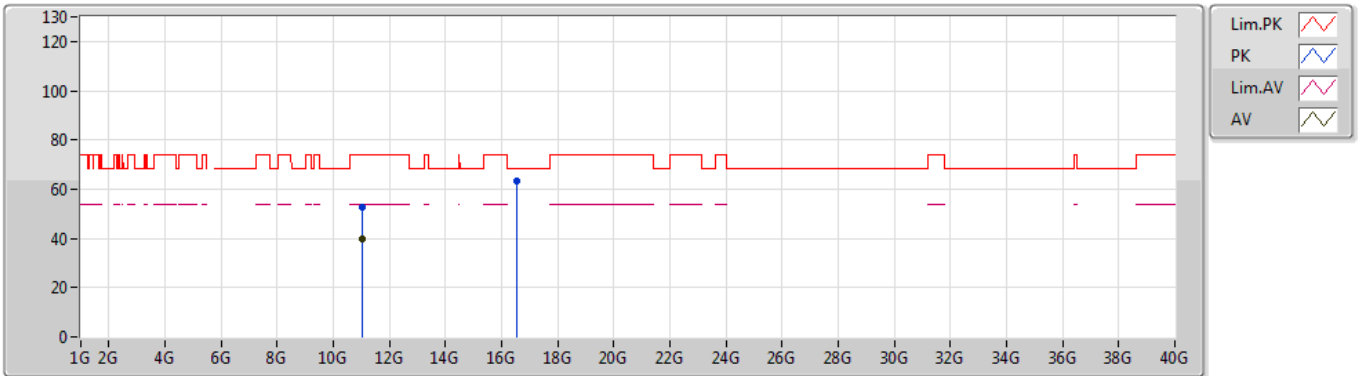
EUT Y_2TX
Setting 19
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.02092G	53.19	74.00	-20.81	11.72	3	Vertical	164	1.50	-	41.47			
AV	11.02096G	39.40	54.00	-14.60	11.72	3	Vertical	164	1.50	-	27.68			
PK	16.52968G	62.55	68.20	-5.65	15.87	3	Vertical	228	1.49	-	46.68			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5510MHz_TX



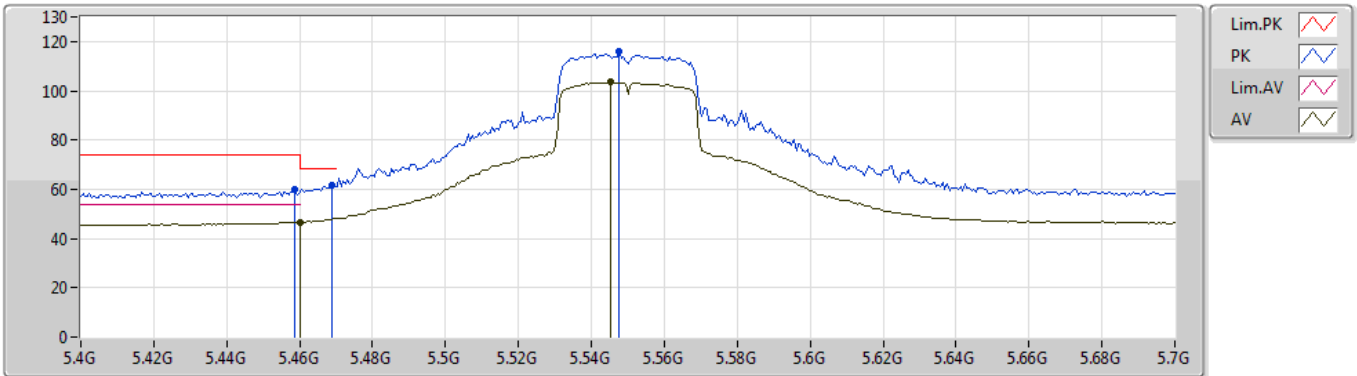
EUT Y_2TX
Setting 19
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.03384G	52.77	74.00	-21.23	11.72	3	Horizontal	168	1.05	-	41.05			
AV	11.03824G	39.56	54.00	-14.44	11.72	3	Horizontal	168	1.05	-	27.84			
PK	16.5372G	63.58	68.20	-4.62	15.90	3	Horizontal	60	1.95	-	47.68			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5550MHz_TX



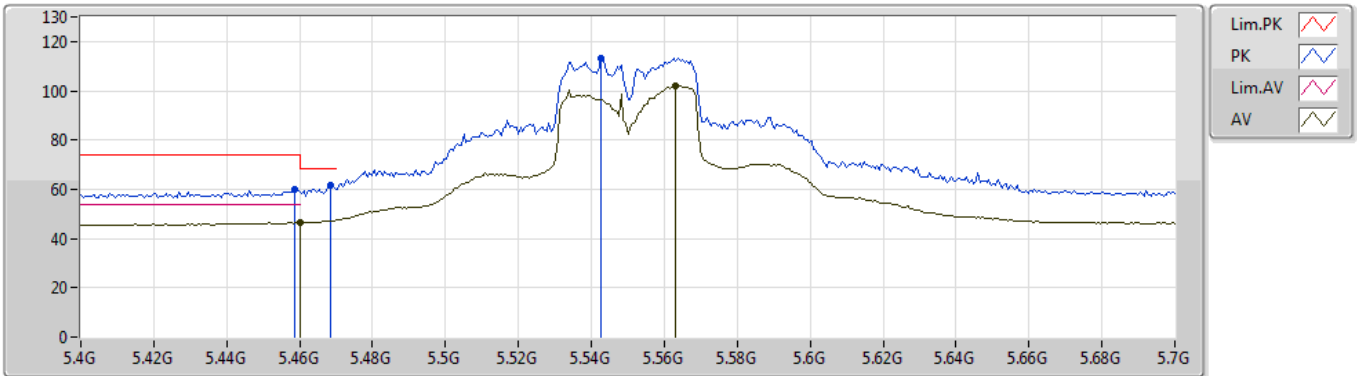
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4588G	59.90	74.00	-14.10	5.22	3	Vertical	265	1.02	-	54.68			
AV	5.46G	46.70	54.00	-7.30	5.22	3	Vertical	265	1.02	-	41.48			
PK	5.469G	61.58	68.20	-6.62	5.26	3	Vertical	265	1.02	-	56.32			
PK	5.5476G	115.73	Inf	-Inf	5.51	3	Vertical	265	1.02	-	110.22			
AV	5.5452G	103.40	Inf	-Inf	5.50	3	Vertical	265	1.02	-	97.90			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5550MHz_TX



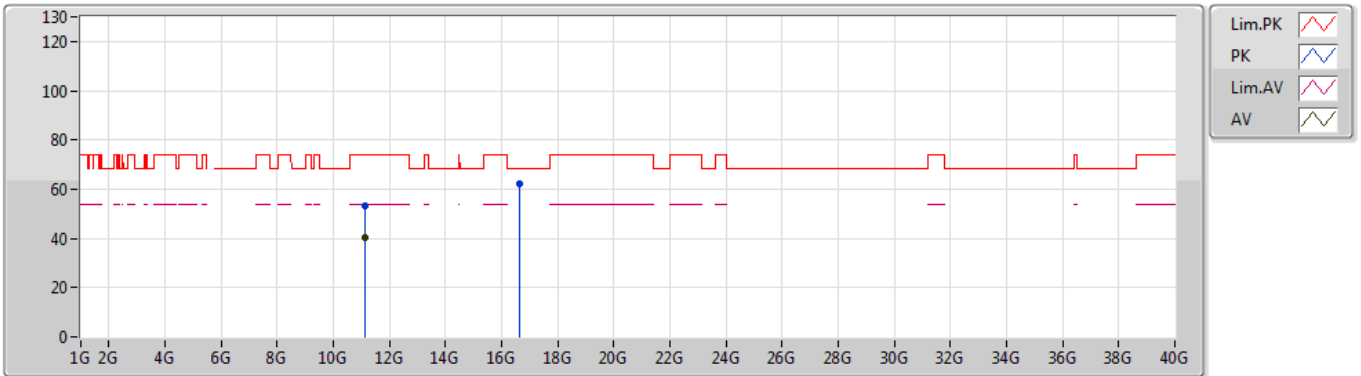
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4588G	60.00	74.00	-14.00	5.22	3	Horizontal	321	1.13	-	54.78			
AV	5.46G	46.49	54.00	-7.51	5.22	3	Horizontal	321	1.13	-	41.27			
PK	5.4684G	61.37	68.20	-6.83	5.26	3	Horizontal	321	1.13	-	56.11			
PK	5.5428G	113.35	Inf	-Inf	5.49	3	Horizontal	321	1.13	-	107.86			
AV	5.5632G	102.14	Inf	-Inf	5.55	3	Horizontal	321	1.13	-	96.59			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5550MHz_TX



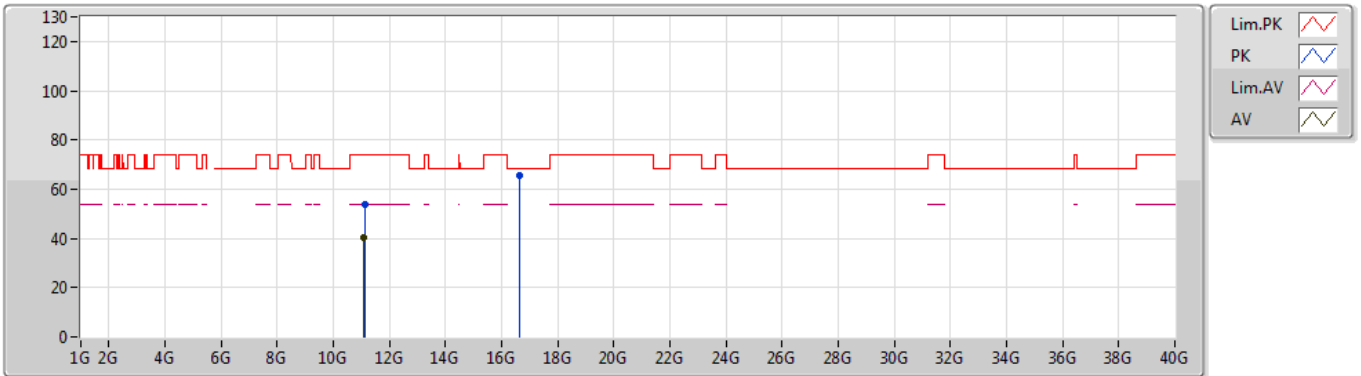
EUT Y_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.11264G	53.19	74.00	-20.81	11.75	3	Vertical	343	1.50	-	41.44			
AV	11.11296G	40.32	54.00	-13.68	11.75	3	Vertical	343	1.50	-	28.57			
PK	16.63984G	62.27	68.20	-5.93	16.28	3	Vertical	217	1.50	-	45.99			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5550MHz_TX



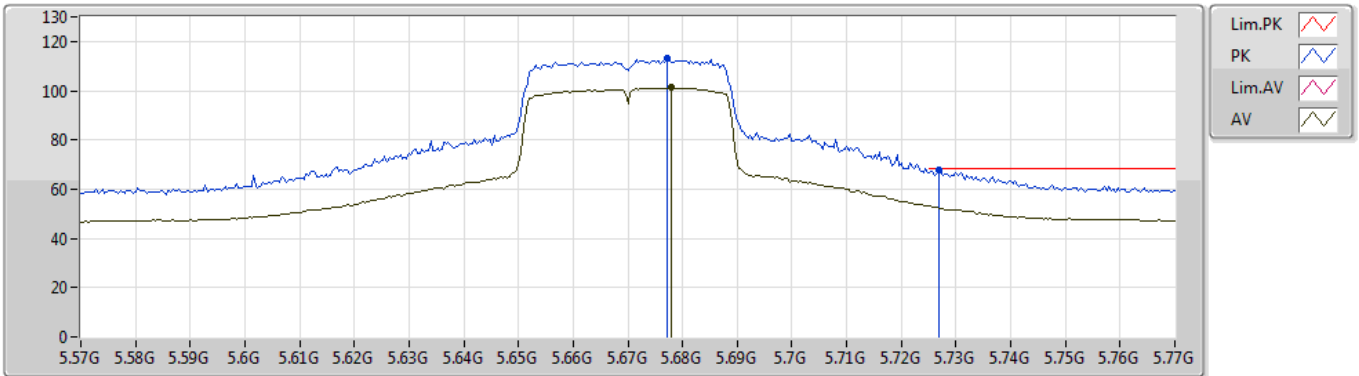
EUT Y_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.10896G	53.62	74.00	-20.38	11.75	3	Horizontal	68	1.32	-	41.87			
AV	11.10208G	40.33	54.00	-13.67	11.75	3	Horizontal	68	1.32	-	28.58			
PK	16.63096G	65.82	68.20	-2.38	16.25	3	Horizontal	282	1.90	-	49.57			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5670MHz_TX



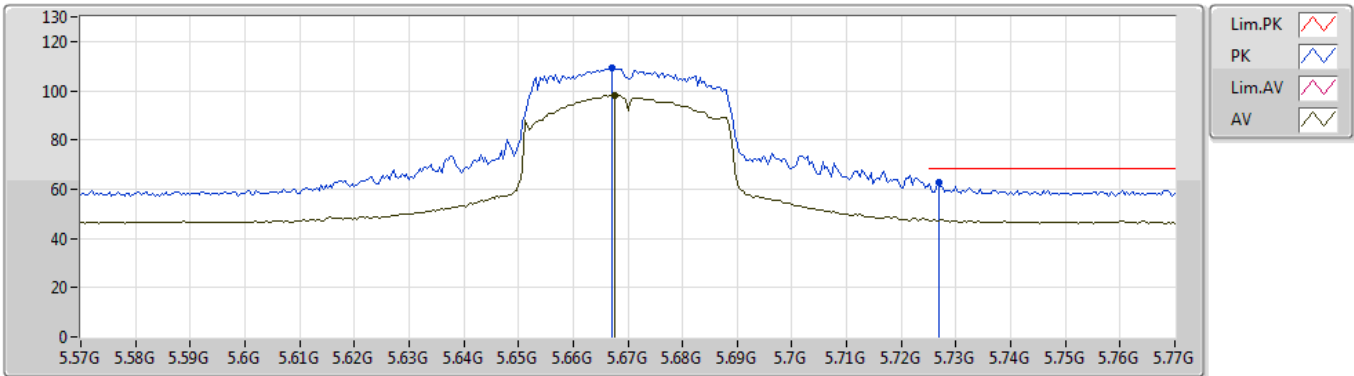
EUT V_2TX
Setting 21
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6772G	113.00	Inf	-Inf	5.72	3	Vertical	272	1.27	-	107.28			
AV	5.678G	101.20	Inf	-Inf	5.72	3	Vertical	272	1.27	-	95.48			
PK	5.7268G	68.03	68.20	-0.17	5.79	3	Vertical	272	1.27	-	62.24			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5670MHz_TX



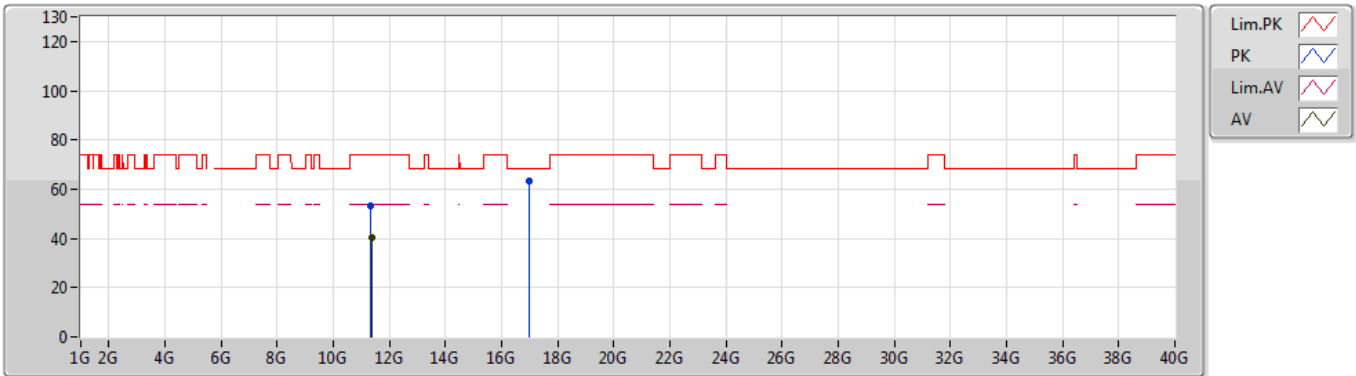
EUT_V_2TX
Setting 21
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.6672G	109.25	Inf	-Inf	5.71	3	Horizontal	297	2.80	-	103.54			
AV	5.6676G	98.13	Inf	-Inf	5.71	3	Horizontal	297	2.80	-	92.42			
PK	5.7268G	63.03	68.20	-5.17	5.79	3	Horizontal	297	2.80	-	57.24			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5670MHz_TX



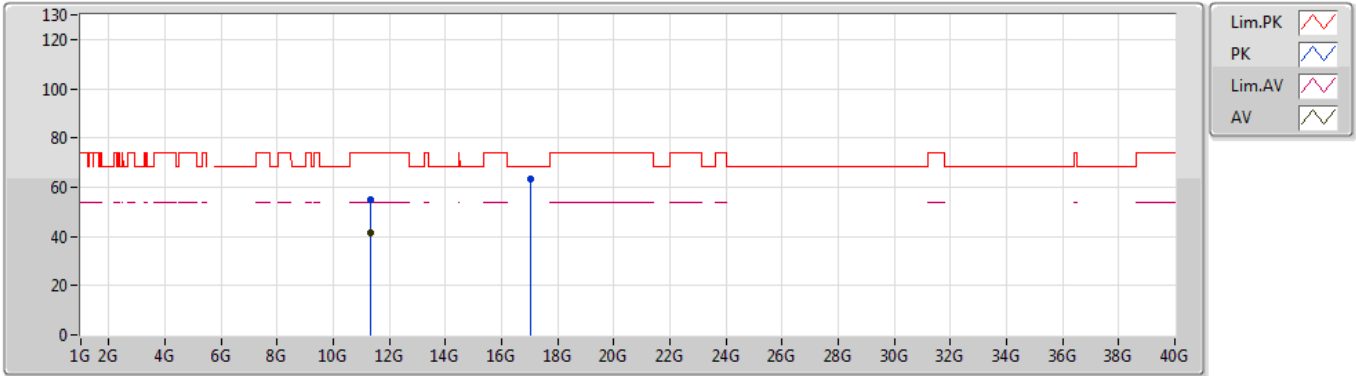
EUT V_2TX
Setting 21
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.34512G	53.04	74.00	-20.96	11.86	3	Vertical	137	1.44	-	41.18			
AV	11.3576G	40.36	54.00	-13.64	11.87	3	Vertical	137	1.44	-	28.49			
PK	17.00072G	63.45	68.20	-4.75	17.62	3	Vertical	342	1.03	-	45.83			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5670MHz_TX



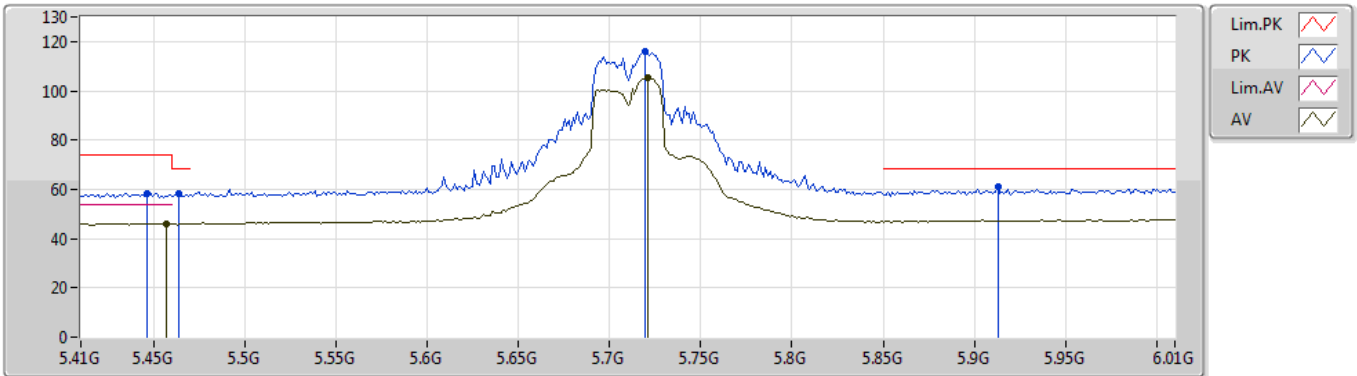
EUT Y_2TX
Setting 21
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.34376G	54.82	74.00	-19.18	11.86	3	Horizontal	316	2.18	-	42.96			
AV	11.34144G	41.73	54.00	-12.27	11.86	3	Horizontal	316	2.18	-	29.87			
PK	17.0136G	63.46	68.20	-4.74	17.64	3	Horizontal	23	2.97	-	45.82			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5710MHz_TX



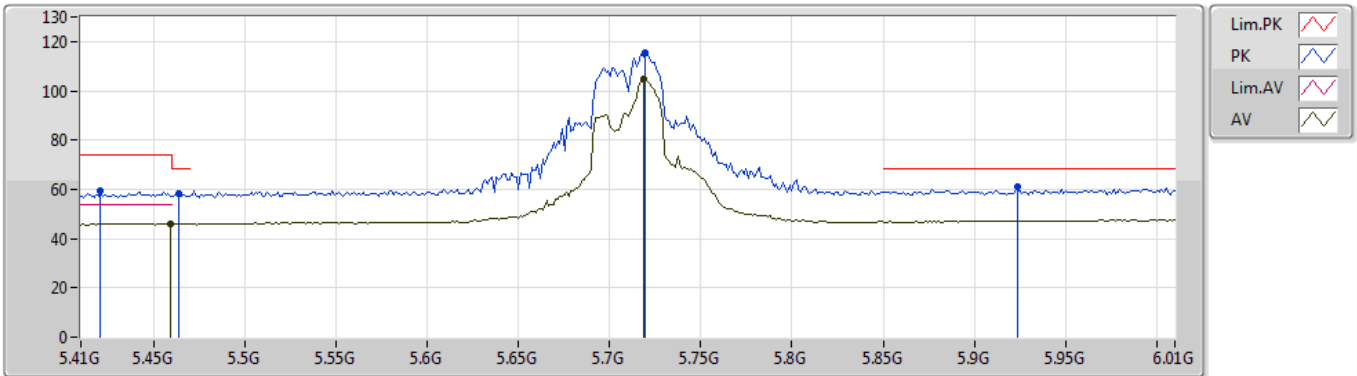
EUT_Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.446G	58.48	74.00	-15.52	5.18	3	Vertical	273	1.17	-	53.30			
PK	5.464G	58.55	68.20	-9.65	5.23	3	Vertical	273	1.17	-	53.32			
AV	5.4568G	46.11	54.00	-7.89	5.21	3	Vertical	273	1.17	-	40.90			
PK	5.7196G	116.11	Inf	-Inf	5.79	3	Vertical	273	1.17	-	110.32			
AV	5.7208G	105.35	Inf	-Inf	5.79	3	Vertical	273	1.17	-	99.56			
PK	5.9128G	60.93	68.20	-7.27	6.76	3	Vertical	273	1.17	-	54.17			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5710MHz_TX



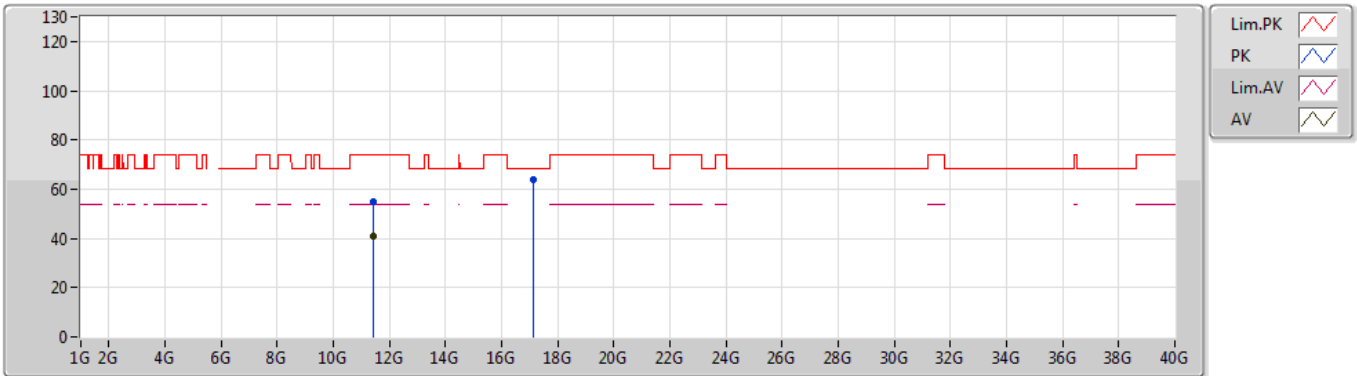
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4208G	59.50	74.00	-14.50	5.07	3	Horizontal	354	1.04	-	54.43			
PK	5.464G	58.00	68.20	-10.20	5.23	3	Horizontal	354	1.04	-	52.77			
AV	5.4592G	46.05	54.00	-7.95	5.22	3	Horizontal	354	1.04	-	40.83			
PK	5.7196G	115.37	Inf	-Inf	5.79	3	Horizontal	354	1.04	-	109.58			
AV	5.7184G	104.71	Inf	-Inf	5.79	3	Horizontal	354	1.04	-	98.92			
PK	5.9236G	60.85	68.20	-7.35	6.81	3	Horizontal	354	1.04	-	54.04			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5710MHz_TX



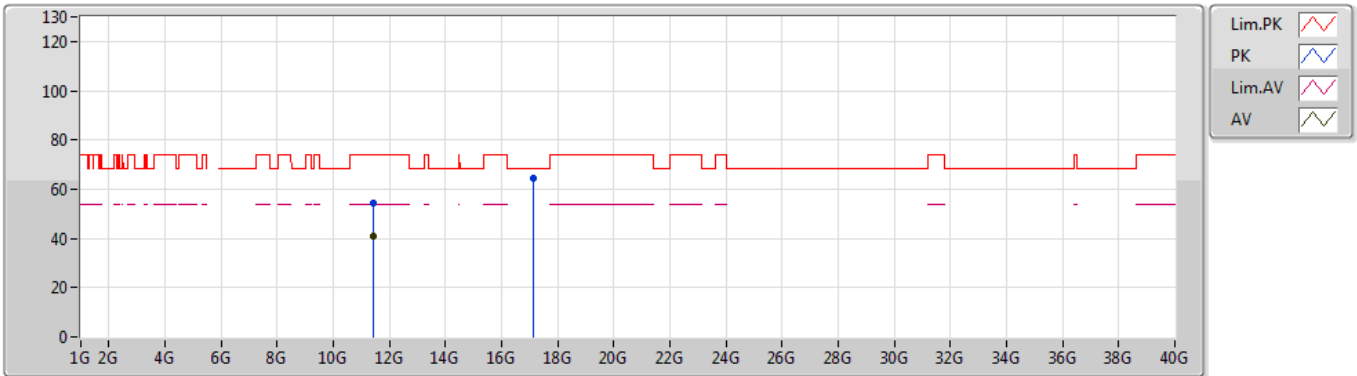
EUT Y_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.43616G	54.89	74.00	-19.11	11.90	3	Vertical	119	1.55	-	42.99			
AV	11.40344G	41.13	54.00	-12.87	11.89	3	Vertical	119	1.55	-	29.24			
PK	17.138G	63.94	68.20	-4.26	17.86	3	Vertical	78	1.63	-	46.08			

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

06/08/2019

5710MHz_TX



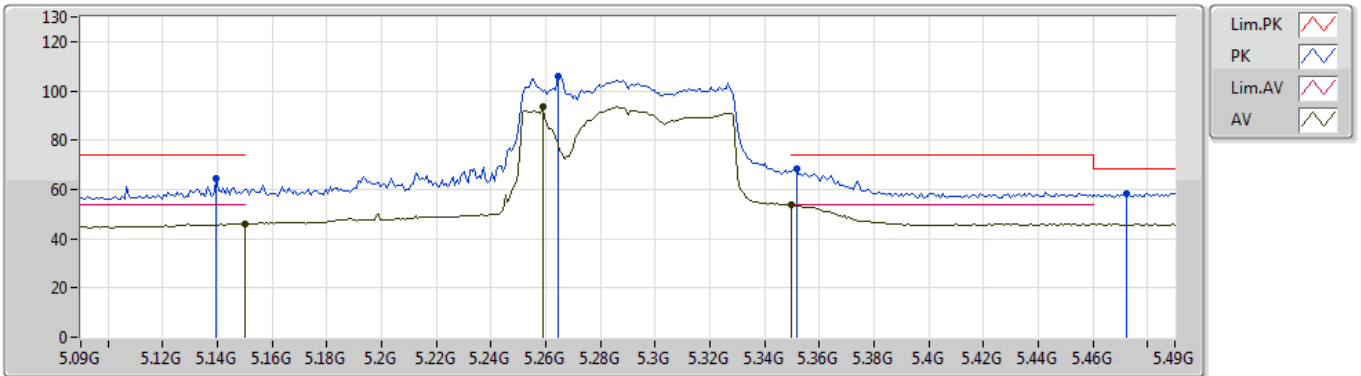
EUT Y_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.42168G	54.39	74.00	-19.61	11.89	3	Horizontal	145	1.04	-	42.50			
AV	11.42312G	41.04	54.00	-12.96	11.90	3	Horizontal	145	1.04	-	29.14			
PK	17.14896G	64.34	68.20	-3.86	17.88	3	Horizontal	68	1.99	-	46.46			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5290MHz_TX



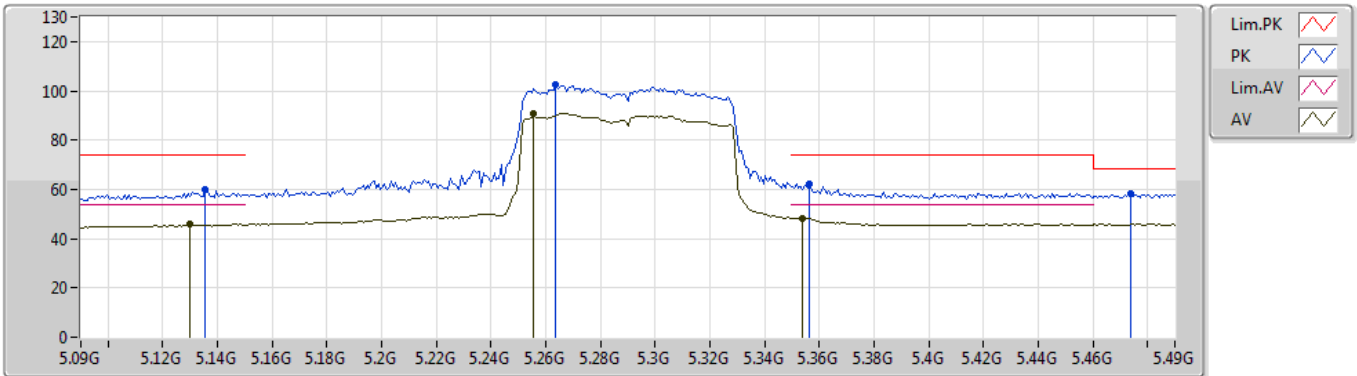
EUT Y_2TX
Setting 15
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1396G	64.28	74.00	-9.72	4.24	3	Vertical	3	1.50	-	60.04			
AV	5.15G	46.12	54.00	-7.88	4.25	3	Vertical	3	1.50	-	41.87			
PK	5.2644G	105.94	Inf	-Inf	4.51	3	Vertical	3	1.50	-	101.43			
AV	5.2588G	93.51	Inf	-Inf	4.49	3	Vertical	3	1.50	-	89.02			
PK	5.3516G	68.17	74.00	-5.83	4.81	3	Vertical	3	1.50	-	63.36			
AV	5.35G	53.70	54.00	-0.30	4.81	3	Vertical	3	1.50	-	48.89			
PK	5.4724G	58.51	68.20	-9.69	5.27	3	Vertical	3	1.50	-	53.24			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5290MHz_TX



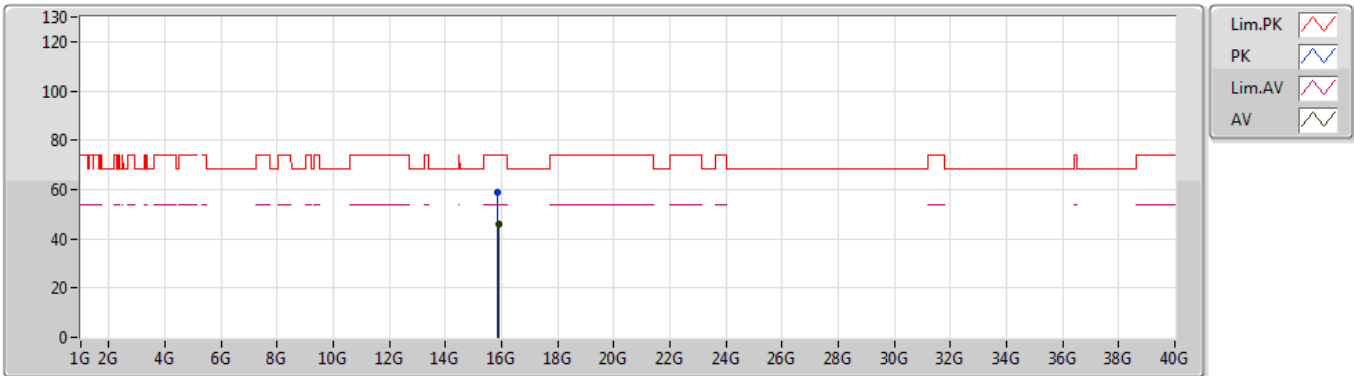
EUT_Y_2TX
Setting 15
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.1356G	59.73	74.00	-14.27	4.25	3	Horizontal	342	1.50	-	55.48			
AV	5.13G	45.99	54.00	-8.01	4.24	3	Horizontal	342	1.50	-	41.75			
PK	5.2636G	102.42	Inf	-Inf	4.50	3	Horizontal	342	1.50	-	97.92			
AV	5.2556G	90.81	Inf	-Inf	4.48	3	Horizontal	342	1.50	-	86.33			
PK	5.3564G	62.41	74.00	-11.59	4.83	3	Horizontal	342	1.50	-	57.58			
AV	5.354G	48.38	54.00	-5.62	4.82	3	Horizontal	342	1.50	-	43.56			
PK	5.474G	58.30	68.20	-9.90	5.27	3	Horizontal	342	1.50	-	53.03			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5290MHz_TX



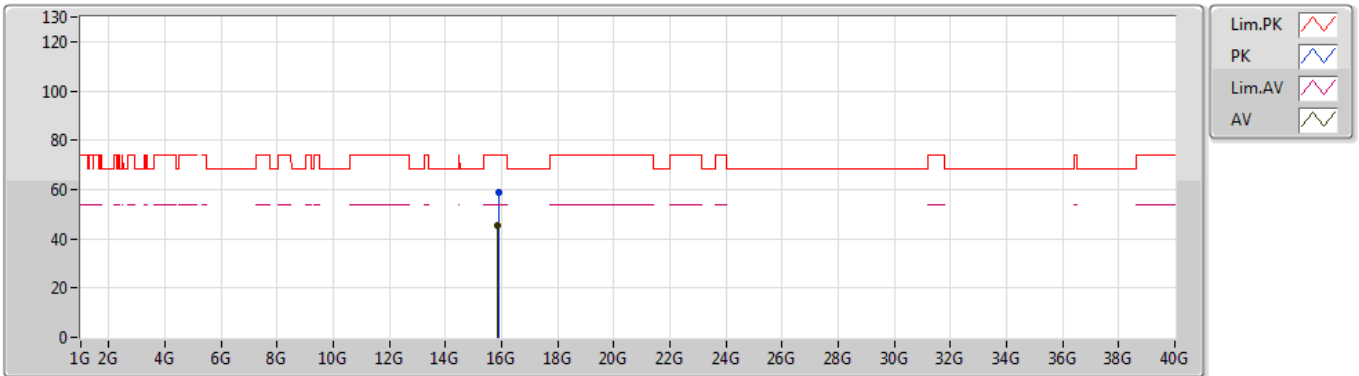
EUT Y_2TX
Setting 15
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.86288G	59.02	74.00	-14.98	14.07	3	Vertical	51	1.50	-	44.95			
AV	15.88984G	45.79	54.00	-8.21	14.04	3	Vertical	51	1.50	-	31.75			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5290MHz_TX



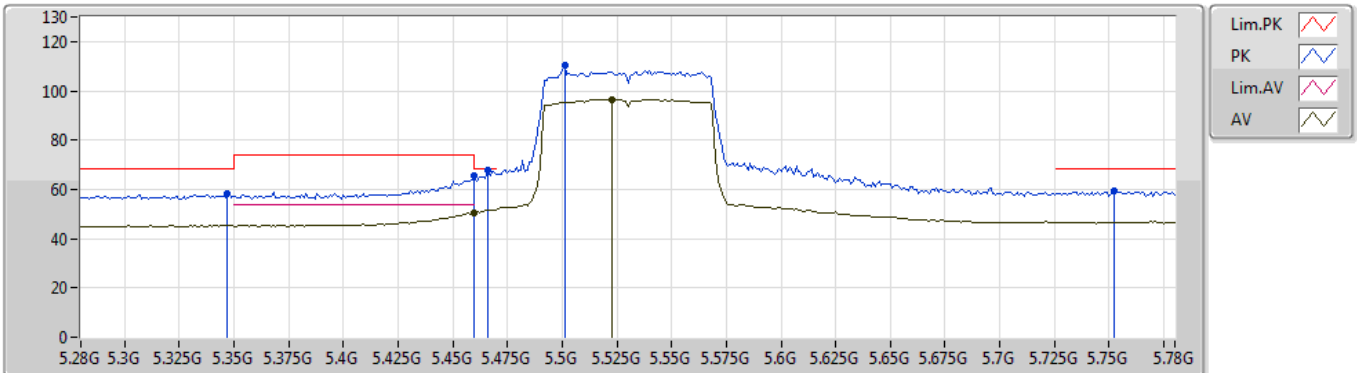
EUT Y_2TX
Setting 15
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	15.878G	58.94	74.00	-15.06	14.05	3	Horizontal	271	1.02	-	44.89			
AV	15.87392G	45.62	54.00	-8.38	14.05	3	Horizontal	271	1.02	-	31.57			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5530MHz_TX



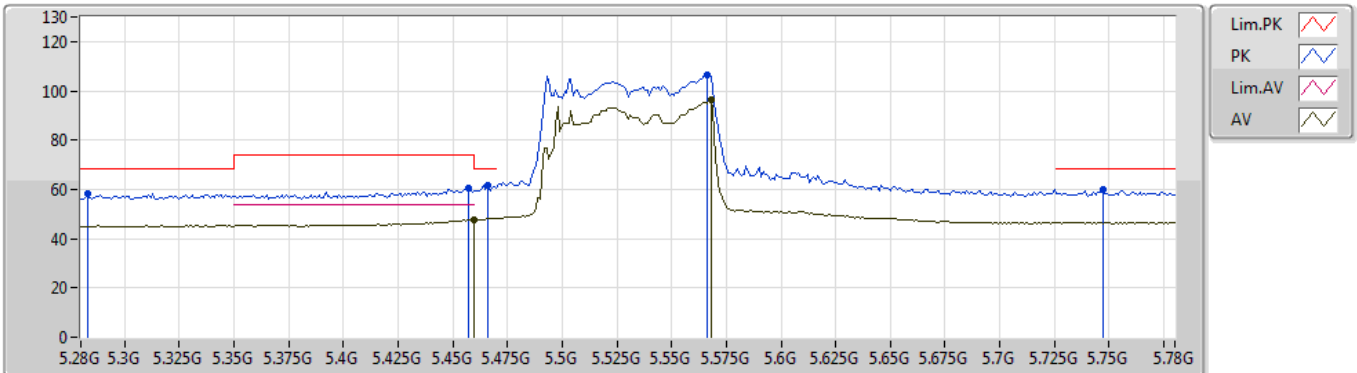
EUT Y_2TX
Setting 19
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.347G	58.44	68.20	-9.76	4.81	3	Vertical	264	1.30	-	53.63			
PK	5.46G	65.37	74.00	-8.63	5.22	3	Vertical	264	1.30	-	60.15			
AV	5.46G	50.56	54.00	-3.44	5.22	3	Vertical	264	1.30	-	45.34			
PK	5.466G	67.65	68.20	-0.55	5.25	3	Vertical	264	1.30	-	62.40			
PK	5.501G	110.35	Inf	-Inf	5.38	3	Vertical	264	1.30	-	104.97			
AV	5.523G	96.64	Inf	-Inf	5.45	3	Vertical	264	1.30	-	91.19			
PK	5.752G	59.53	68.20	-8.67	5.85	3	Vertical	264	1.30	-	53.68			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5530MHz_TX



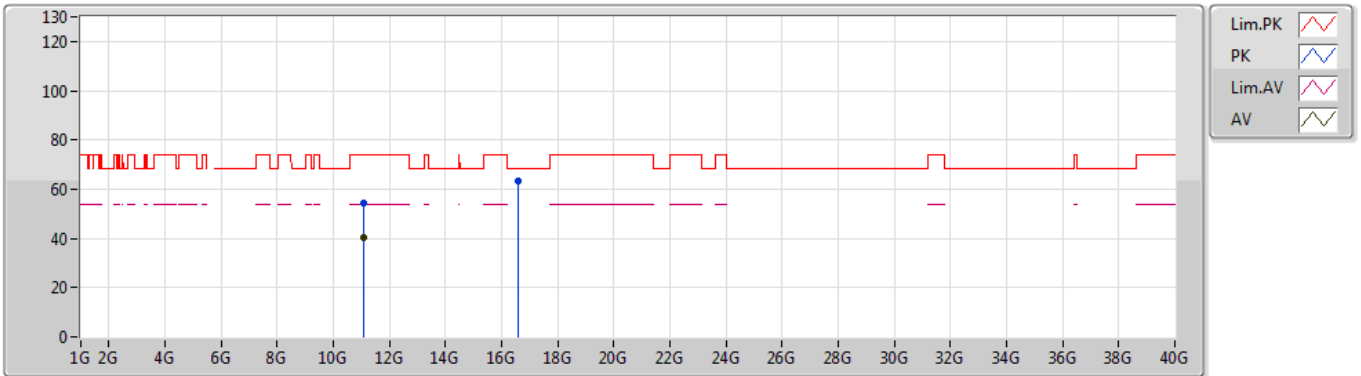
EUT Y_2TX
Setting 19
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.283G	58.32	68.20	-9.88	4.58	3	Horizontal	351	1.06	-	53.74			
PK	5.457G	60.26	74.00	-13.74	5.21	3	Horizontal	351	1.06	-	55.05			
AV	5.46G	47.54	54.00	-6.46	5.22	3	Horizontal	351	1.06	-	42.32			
PK	5.466G	61.88	68.20	-6.32	5.25	3	Horizontal	351	1.06	-	56.63			
PK	5.566G	106.47	Inf	-Inf	5.55	3	Horizontal	351	1.06	-	100.92			
AV	5.568G	96.10	Inf	-Inf	5.56	3	Horizontal	351	1.06	-	90.54			
PK	5.747G	59.84	68.20	-8.36	5.84	3	Horizontal	351	1.06	-	54.00			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5530MHz_TX



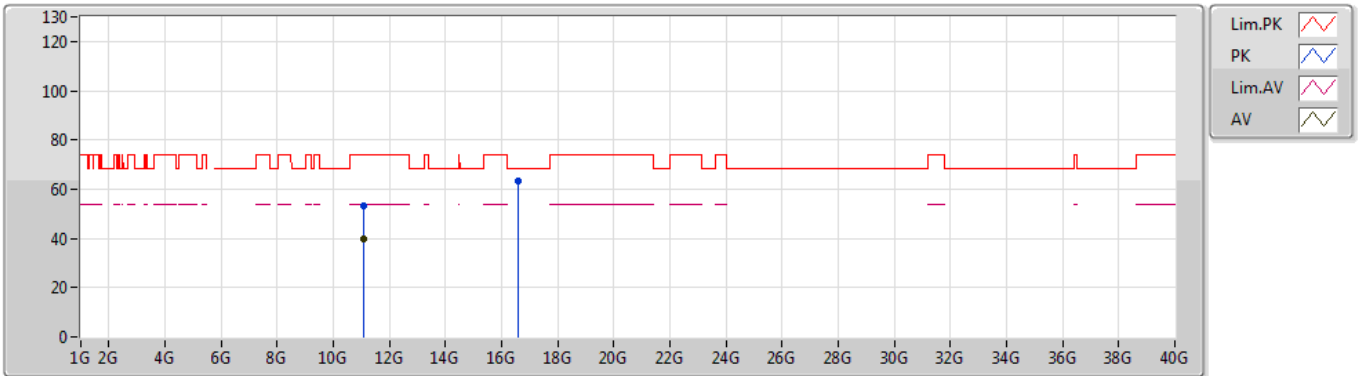
EUT Y_2TX
Setting 19
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.07352G	54.41	74.00	-19.59	11.74	3	Vertical	38	1.50	-	42.67			
AV	11.07008G	40.12	54.00	-13.88	11.74	3	Vertical	38	1.50	-	28.38			
PK	16.59792G	63.31	68.20	-4.89	16.12	3	Vertical	250	1.25	-	47.19			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5530MHz_TX



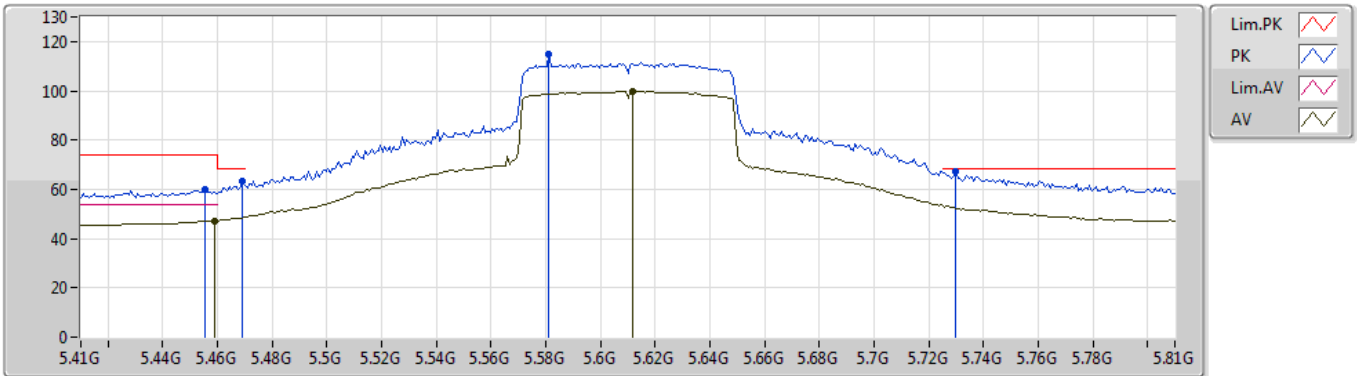
EUT Y_2TX
Setting 19
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.07424G	53.39	74.00	-20.61	11.74	3	Horizontal	0	1.09	-	41.65			
AV	11.06896G	40.06	54.00	-13.94	11.74	3	Horizontal	0	1.09	-	28.32			
PK	16.57576G	63.11	68.20	-5.09	16.04	3	Horizontal	55	1.73	-	47.07			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5610MHz_TX



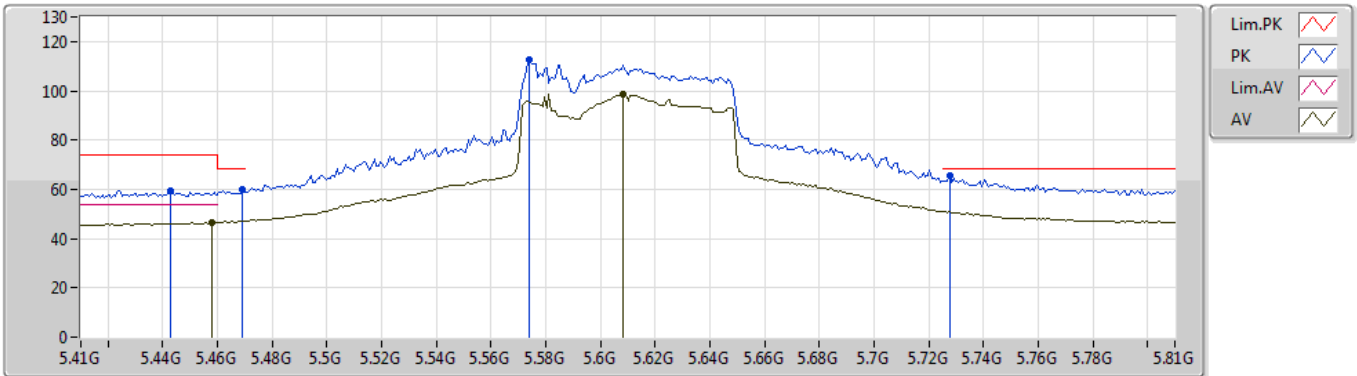
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4556G	59.74	74.00	-14.26	5.21	3	Vertical	266	1.02	-	54.53			
AV	5.4588G	47.28	54.00	-6.72	5.22	3	Vertical	266	1.02	-	42.06			
PK	5.4692G	63.14	68.20	-5.06	5.26	3	Vertical	266	1.02	-	57.88			
PK	5.5812G	115.04	Inf	-Inf	5.58	3	Vertical	266	1.02	-	109.46			
AV	5.6116G	99.75	Inf	-Inf	5.65	3	Vertical	266	1.02	-	94.10			
PK	5.73G	67.15	68.20	-1.05	5.80	3	Vertical	266	1.02	-	61.35			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5610MHz_TX



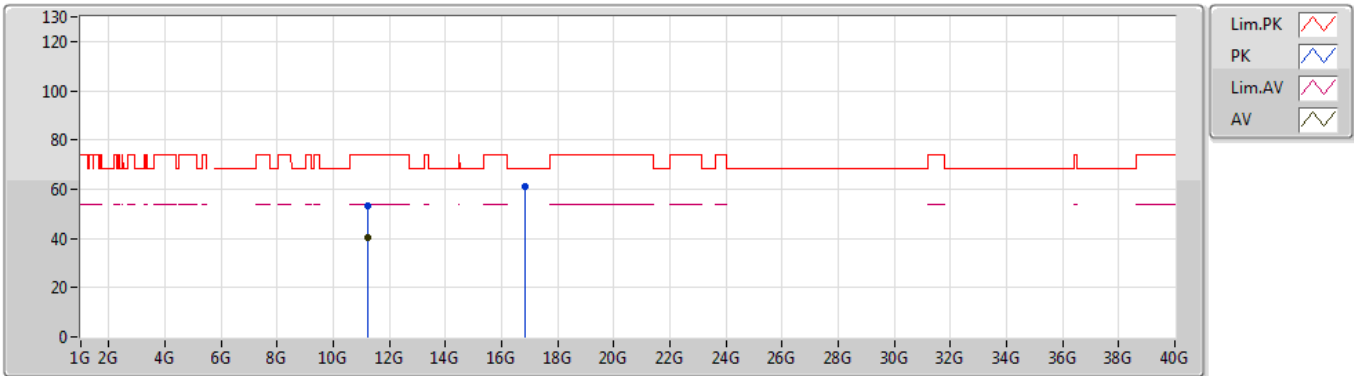
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.4428G	59.29	74.00	-14.71	5.16	3	Horizontal	320	1.00	-	54.13			
PK	5.4692G	59.71	68.20	-8.49	5.26	3	Horizontal	320	1.00	-	54.45			
AV	5.458G	46.66	54.00	-7.34	5.21	3	Horizontal	320	1.00	-	41.45			
PK	5.574G	112.79	Inf	-Inf	5.58	3	Horizontal	320	1.00	-	107.21			
AV	5.6084G	98.57	Inf	-Inf	5.65	3	Horizontal	320	1.00	-	92.92			
PK	5.7276G	65.54	68.20	-2.66	5.80	3	Horizontal	320	1.00	-	59.74			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5610MHz_TX



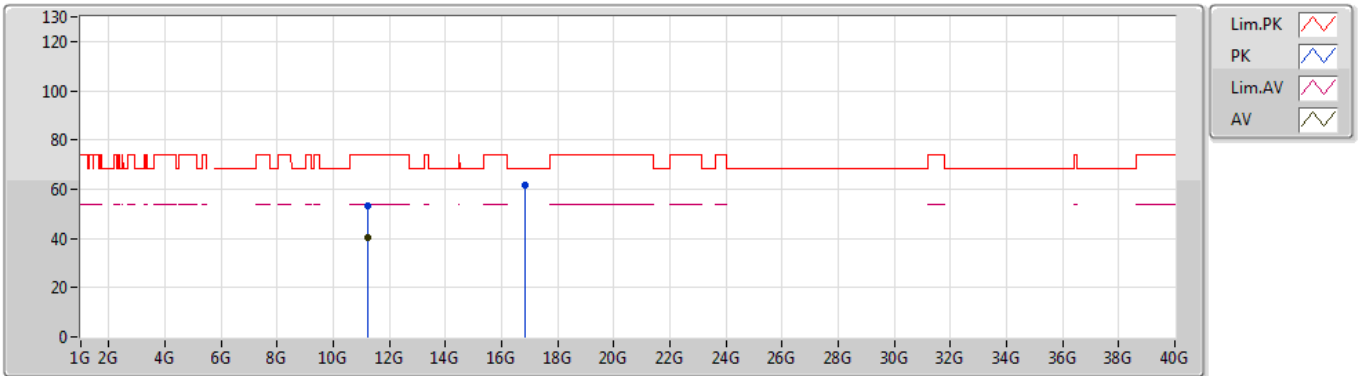
EUT V_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.23944G	53.19	74.00	-20.81	11.81	3	Vertical	115	1.50	-	41.38			
AV	11.23552G	40.10	54.00	-13.90	11.81	3	Vertical	115	1.50	-	28.29			
PK	16.82344G	61.33	68.20	-6.87	16.97	3	Vertical	214	1.50	-	44.36			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5610MHz_TX



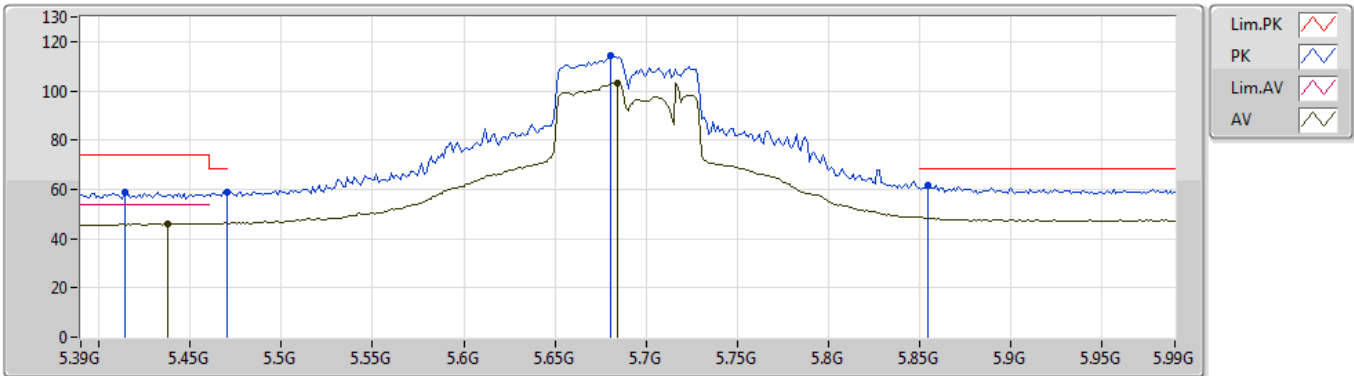
EUT Y_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.22512G	53.29	74.00	-20.71	11.82	3	Horizontal	0	2.11	-	41.47			
AV	11.22064G	40.31	54.00	-13.69	11.81	3	Horizontal	0	2.11	-	28.50			
PK	16.84416G	61.76	68.20	-6.44	17.04	3	Horizontal	52	1.50	-	44.72			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5690MHz_TX



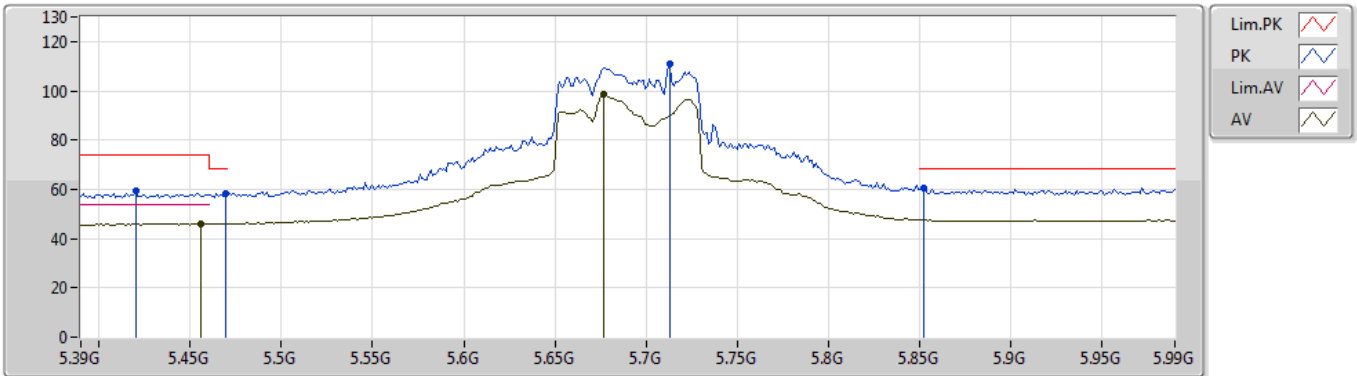
EUT_Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.414G	59.08	74.00	-14.92	5.04	3	Vertical	261	1.01	-	54.04			
AV	5.438G	46.17	54.00	-7.83	5.14	3	Vertical	261	1.01	-	41.03			
PK	5.47G	58.71	68.20	-9.49	5.26	3	Vertical	261	1.01	-	53.45			
PK	5.6804G	114.14	Inf	-Inf	5.72	3	Vertical	261	1.01	-	108.42			
AV	5.684G	103.31	Inf	-Inf	5.72	3	Vertical	261	1.01	-	97.59			
PK	5.8544G	61.89	68.20	-6.31	6.36	3	Vertical	261	1.01	-	55.53			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5690MHz_TX



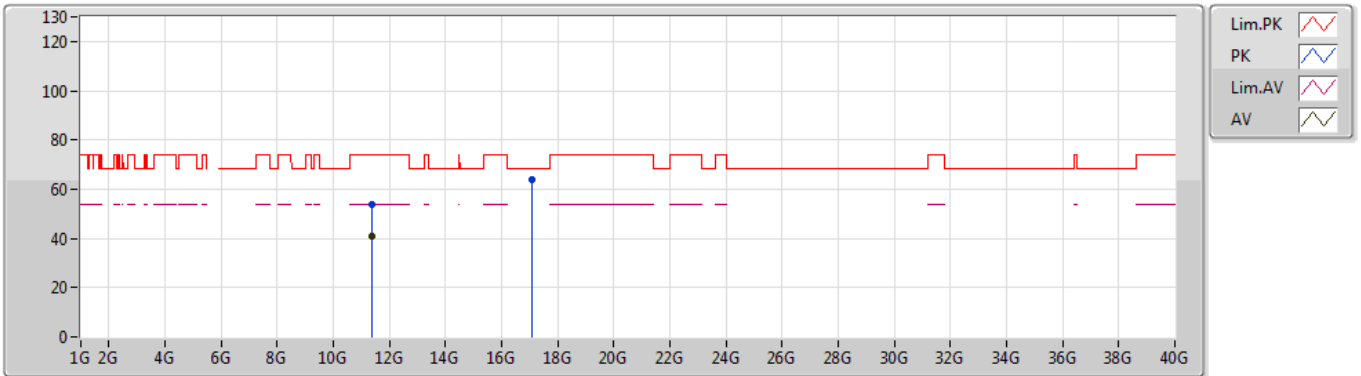
EUT Y_2TX
Setting 23
01-B-4-10
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	5.42G	59.30	74.00	-14.70	5.07	3	Horizontal	3	1.24	-	54.23			
PK	5.4692G	58.45	68.20	-9.75	5.26	3	Horizontal	3	1.24	-	53.19			
AV	5.456G	46.00	54.00	-8.00	5.21	3	Horizontal	3	1.24	-	40.79			
PK	5.7128G	111.20	Inf	-Inf	5.78	3	Horizontal	3	1.24	-	105.42			
AV	5.6768G	98.66	Inf	-Inf	5.72	3	Horizontal	3	1.24	-	92.94			
PK	5.852G	60.50	68.20	-7.70	6.34	3	Horizontal	3	1.24	-	54.16			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5690MHz_TX



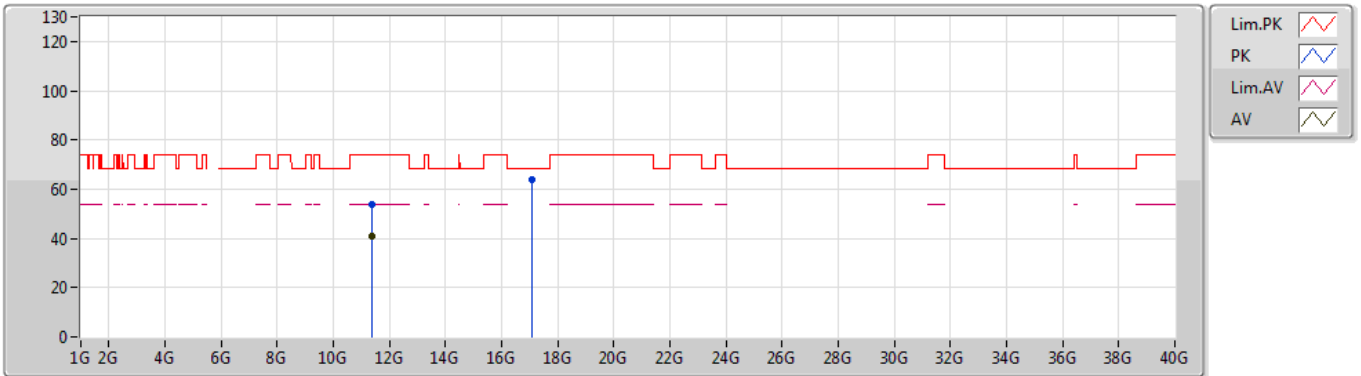
EUT Y_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.38864G	54.02	74.00	-19.98	11.88	3	Vertical	42	2.18	-	42.14			
AV	11.39816G	40.78	54.00	-13.22	11.89	3	Vertical	42	2.18	-	28.89			
PK	17.08288G	63.91	68.20	-4.29	17.77	3	Vertical	267	2.05	-	46.14			

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

06/08/2019

5690MHz_TX



EUT V_2TX
Setting 23
01-B-4
FSP(100056)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)			
PK	11.38344G	53.89	74.00	-20.11	11.88	3	Horizontal	292	2.14	-	42.01			
AV	11.38768G	40.73	54.00	-13.27	11.88	3	Horizontal	292	2.14	-	28.85			
PK	17.084G	63.93	68.20	-4.27	17.77	3	Horizontal	287	1.91	-	46.16			