



FCC RADIO TEST REPORT

FCC ID : NKR-LVSK-M1
Equipment : Wi-Fi Extender
Brand Name : verizon
Model Name : LVM1
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 Jun. 01, 2019, and testing was started from Jun. 14, 2019 and completed on Aug. 21, 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	11
1.3 Testing Location Information	11
1.4 Measurement Uncertainty	11
2 Test Configuration of EUT	12
2.1 Test Channel Mode	12
2.2 The Worst Case Measurement Configuration.....	15
2.3 EUT Operation during Test	15
2.4 Accessories	16
2.5 Support Equipment.....	16
2.6 Test Setup Diagram	17
3 Transmitter Test Result	20
3.1 Emission Bandwidth	20
3.2 Maximum Conducted Output Power	22
3.3 Peak Power Spectral Density.....	24
3.4 Unwanted Emissions.....	27
4 Test Equipment and Calibration Data	31
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-A12_2 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: Viola Huang



1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20), ax (HEW20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5720	100-144 [12]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40), ax (HEW40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5710	102-142 [6]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80), ax (HEW80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5690	106-138 [3]
5725-5850		5775	155 [1]



Band	Mode	BWch (MHz)	Nant
5.15-5.35GHz	802.11a	20	4TX
5.15-5.35GHz	802.11n HT20	20	4TX
5.15-5.35GHz	802.11ac VHT20	20	4TX
5.15-5.35GHz	802.11ac VHT20-BF	20	4TX
5.15-5.35GHz	802.11ax HEW20	20	4TX
5.15-5.35GHz	802.11ax HEW20-BF	20	4TX
5.15-5.35GHz	802.11n HT40	40	4TX
5.15-5.35GHz	802.11ac VHT40	40	4TX
5.15-5.35GHz	802.11ac VHT40-BF	40	4TX
5.15-5.35GHz	802.11ax HEW40	40	4TX
5.15-5.35GHz	802.11ax HEW40-BF	40	4TX
5.15-5.35GHz	802.11ac VHT80	80	4TX
5.15-5.35GHz	802.11ac VHT80-BF	80	4TX
5.15-5.35GHz	802.11ax HEW80	80	4TX
5.15-5.35GHz	802.11ax HEW80-BF	80	4TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11ac VHT20-BF	20	2TX
5.47-5.725GHz	802.11ax HEW20	20	2TX
5.47-5.725GHz	802.11ax HEW20-BF	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT40-BF	40	2TX
5.47-5.725GHz	802.11ax HEW40	40	2TX
5.47-5.725GHz	802.11ax HEW40-BF	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11ac VHT80-BF	80	2TX
5.47-5.725GHz	802.11ax HEW80	80	2TX
5.47-5.725GHz	802.11ax HEW80-BF	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX
5.725-5.85GHz	802.11ax HEW20	20	2TX
5.725-5.85GHz	802.11ax HEW20-BF	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX



Band	Mode	BWch (MHz)	Nant
5.725-5.85GHz	802.11ax HEW40	40	2TX
5.725-5.85GHz	802.11ax HEW40-BF	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX
5.725-5.85GHz	802.11ax HEW80	80	2TX
5.725-5.85GHz	802.11ax HEW80-BF	80	2TX

Note:

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	1	WNC	95XKAC15.GCOVZ	Dipole	I-PEX MHF	Note1
2	2	WNC	95XKAC15.GCEVZ	Dipole	I-PEX MHF	
3	1	WNC	95XKAC15.GCKVZ	Dipole	I-PEX MHF	
4	2	WNC	95XKAC15.GCJVZ	Dipole	I-PEX MHF	
5	3	WNC	95XKAC15.GCIVZ	Dipole	I-PEX MHF	
6	4	WNC	95XKAC15.GCLVZ	Dipole	I-PEX MHF	
7	1	WNC	95XKAC15.GCNVZ	Patch	I-PEX MHF	
8		WNC	95XKAC15.GCMVZ	Patch	I-PEX MHF	

Note1:

Directional Gain (dBi)						
Ant.	Port	2.4GHz	5G Bnad 1	5G Bnad 2	5G Bnad 3	5G Bnad 4
1	1	4.17	-	-	2.96	2.96
2	2	4.17	-	-	2.96	2.96
3	1	-	5.76	5.76	-	-
4	2	-	5.76	5.76	-	-
5	3	-	5.76	5.76	-	-
6	4	-	5.76	5.76	-	-

Antenna Gain (dBi)		
Ant.	Port	Bluetooth
7	1	2.66
8		2.66

Note2: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 can could transmit/receive simultaneously.

For 5GHz band 1 ~ Band 2 function (4TX/4RX):

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

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

For bluetooth function (1TX/1RX):

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

**1.1.3 Mode Test Duty Cycle****For Band 2**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.939	0.27	1.98m	1k
802.11ax HEW20	0.95	0.22	5.453m	300
802.11ax HEW20-BF	0.935	0.29	1.761m	1k
802.11ax HEW40	0.963	0.16	5.455m	300
802.11ax HEW40-BF	0.916	0.38	1.761m	1k
802.11ax HEW80	0.966	0.15	5.453m	300
802.11ax HEW80-BF	0.924	0.34	1.685m	1k

For Band 3

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.953	0.21	1.978m	1k
802.11ax HEW20	0.951	0.22	5.453m	300
802.11ax HEW20-BF	0.98	0.09	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ax HEW40	0.951	0.22	5.455m	300
802.11ax HEW40-BF	0.963	0.16	1.763m	1k
802.11ax HEW80	0.95	0.22	5.455m	300
802.11ax HEW80-BF	0.91	0.41	1.686m	1k

Note:

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

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	For 802.11ax in 2.4GHz and 802.11ac/ax in 5GHz			
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QSPR : v5.0-00163			

Note: The above information was declared by manufacturer.

**1.1.5 EUT supports function**

The EUT supports Master (AP router / Mesh / Bridge) functions.

1.1.6 Table for Multiple Listing

EUT No.	With ferrite core on FFC cable	Without ferrite core on FFC cable
EUT 1	V	-
EUT 2	-	V

1.1.7 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR953007AB

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

Modifications	Performance Checking
1. Adding 5GHz Band 2~Band 3 (5250~5350 MHz, 5470~5725 MHz).	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emissions above 1GHz.
2. Removing the aluminum foil of FFC cable. 3. Adding the ferrite core on FFC cable (Optional).	5. Unwanted Emissions below 1GHz
4. Adding master (AP mode) 5. Changing adapter model name to "1A95" from "1A95-US1223".	Do not have to retest assessed.



1.2 Applicable Standards

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

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013
- ♦ FCC KDB 789033 D02 v02r01
- ♦ FCC KDB 662911 D01 v02r01
- ♦ FCC KDB 412172 D01 v01r01
- ♦ FCC KDB 414788 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Benson Su	22~24°C / 50~60%	Jun. 25, 2019 ~ Jun. 29, 2019
Radiated below 1GHz	03CH03-CB	KJ Chang	24.4~25.4°C / 60~62%	Aug. 19, 2019 ~ Aug. 21, 2019
Radiated above 1GHz	03CH01-CB	Stim Sung	22~24°C / 50~60%	Jun. 14, 2019 ~ Jun. 29, 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
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%



2 Test Configuration of EUT

2.1 Test Channel Mode

For Band 2

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	18
5300MHz	18
5320MHz	18
802.11ax HEW20_Nss1,(MCS0)_4TX	-
5260MHz	18
5300MHz	18
5320MHz	18
802.11ax HEW40_Nss1,(MCS0)_4TX	-
5270MHz	18
5310MHz	18
802.11ax HEW80_Nss1,(MCS0)_4TX	-
5290MHz	18
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-
5260MHz	24
5300MHz	24
5320MHz	24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-
5270MHz	24
5310MHz	24
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-
5290MHz	24

**For Band 3**

Mode	PowerSetting
802.11a_Nss1,(6Mbps)_2TX	-
5500MHz	21
5580MHz	21
5700MHz	20.5
5720MHz Straddle 5.47-5.725GHz	21
5720MHz Straddle 5.725-5.85GHz	21
802.11ax HEW20_Nss1,(MCS0)_2TX	-
5500MHz	20.5
5580MHz	20.5
5700MHz	20.5
5720MHz Straddle 5.47-5.725GHz	21.5
5720MHz Straddle 5.725-5.85GHz	21.5
802.11ax HEW40_Nss1,(MCS0)_2TX	-
5510MHz	20.5
5550MHz	20.5
5670MHz	20.5
5710MHz Straddle 5.47-5.725GHz	19.5
5710MHz Straddle 5.725-5.85GHz	19.5
802.11ax HEW80_Nss1,(MCS0)_2TX	-
5530MHz	20.5
5610MHz	20.5
5690MHz Straddle 5.47-5.725GHz	19.5
5690MHz Straddle 5.725-5.85GHz	19.5
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-
5500MHz	24
5580MHz	23
5700MHz	23
5720MHz Straddle 5.47-5.725GHz	22
5720MHz Straddle 5.725-5.85GHz	22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-
5510MHz	24
5550MHz	23
5670MHz	24
5710MHz Straddle 5.47-5.725GHz	22.5



Mode	PowerSetting
5710MHz Straddle 5.725-5.85GHz	22.5
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-
5530MHz	23
5610MHz	23
5690MHz Straddle 5.47-5.725GHz	23.5
5690MHz Straddle 5.725-5.85GHz	23.5

Note:

- ♦ 802.11ax modulation and bandwidth are similar for 802.11n mode for 20/40MHz, therefore investigated worst case to representative mode in test report.
- ♦ There are two modes of EUT for 802.11ax in 2.4GHz and 802.11ac/ax in 5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT 1 - With ferrite core on FFC cable
2	EUT 2 - Without ferrite core on FFC cable
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz Band 1/2 + WLAN 5GHz Band 3/4 + Bluetooth
Refer to Sporton Test Report No.: FA953007-01 for Co-location RF Exposure Evaluation.	

Note: The EUT only use in Z axis.

2.3 EUT Operation during Test

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 device and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.



2.4 Accessories

Accessories			
Equipment Name	Brand Name	Model Name	Rating
Adapter	LUCENT TRANS	1A95	INPUT: 100-240V, 1A, 50-60Hz OUTPUT: 19V, 2.37A

2.5 Support Equipment

For Radiated (below 1GHz):

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Device	verizon	LVM1	NKR-LVSK-M1
D	Phone	Samsung	SM-J200Y	N/A
E	Notebook	Apple	Mac Book	N/A
F	Notebook	Apple	Mac Book	N/A

For Radiated (above 1GHz):

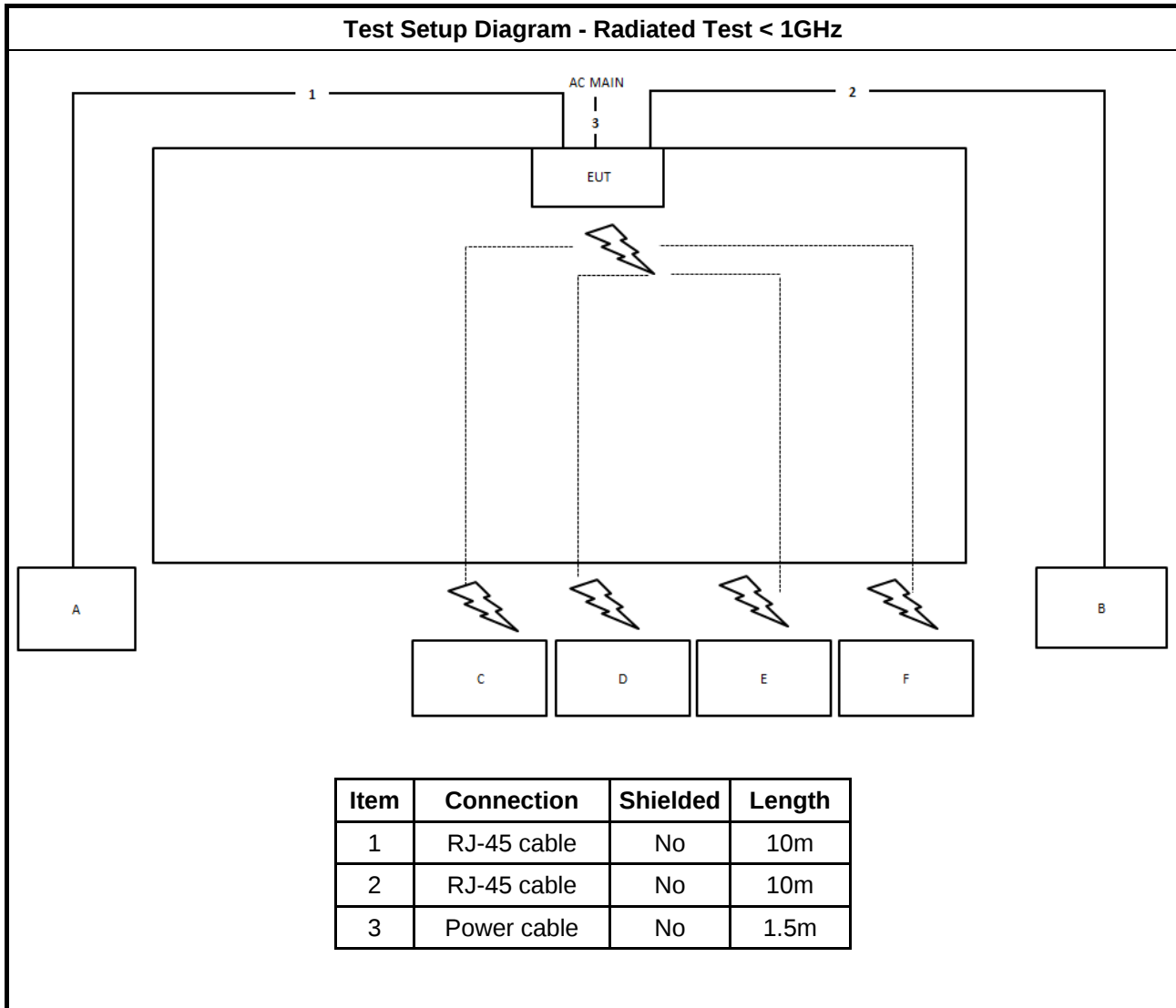
For non-beamforming mode

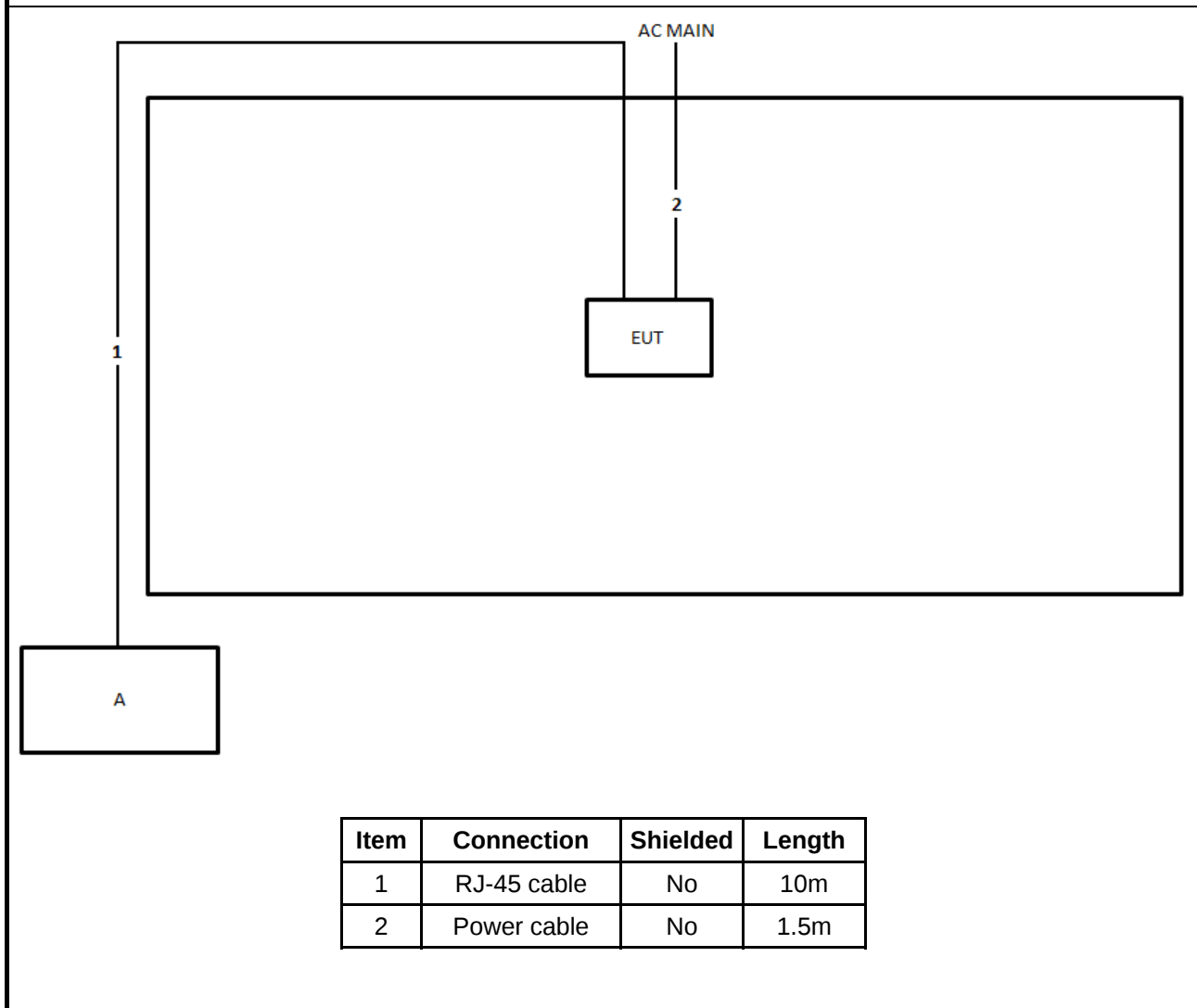
Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A

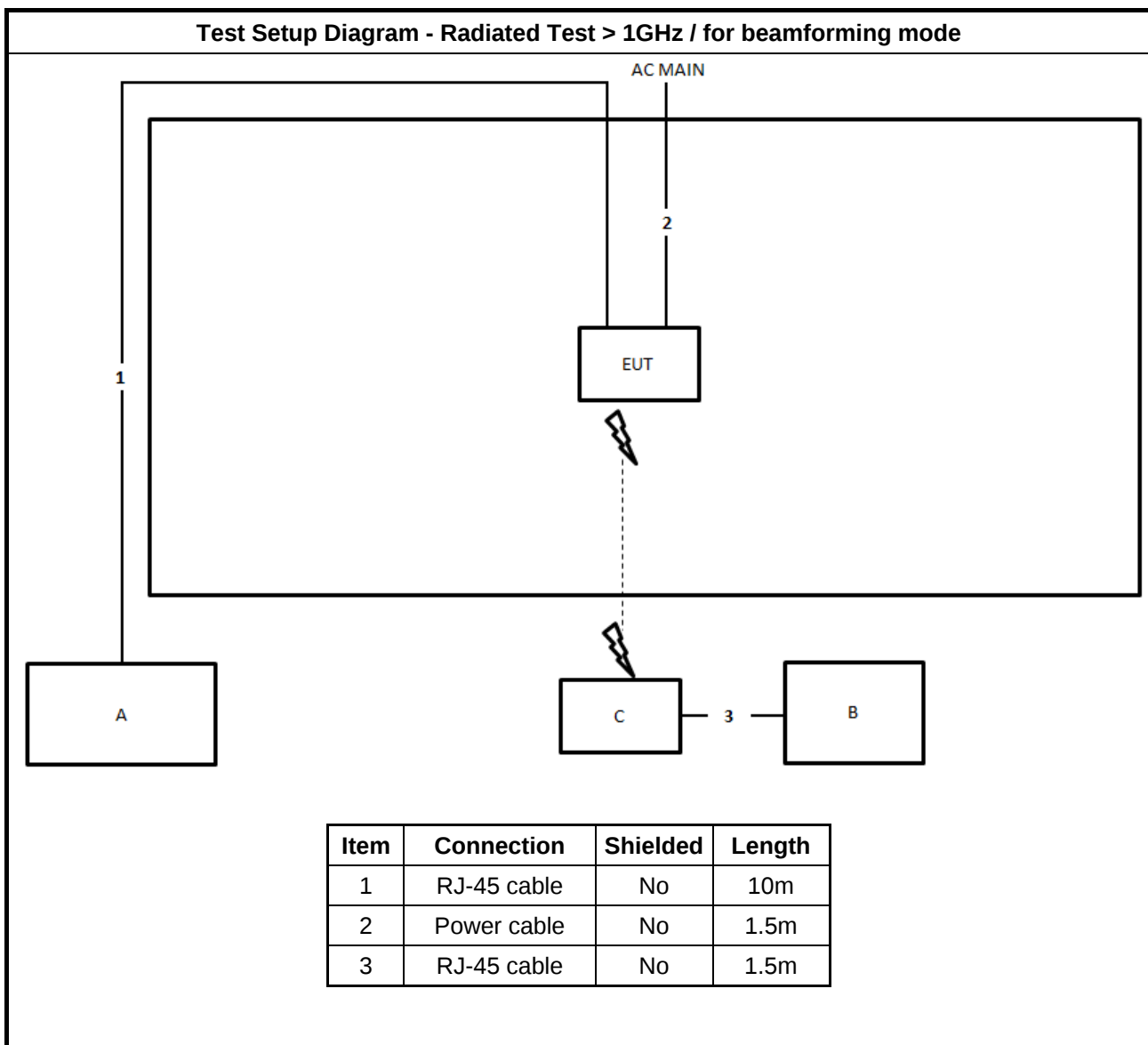
For beamforming mode

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	Device	verizon	LVM1	NKR-LVSK-M1

2.6 Test Setup Diagram



Test Setup Diagram - Radiated Test > 1GHz / for non-beamforming mode


Test Setup Diagram - Radiated Test > 1GHz / for beamforming mode




3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

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

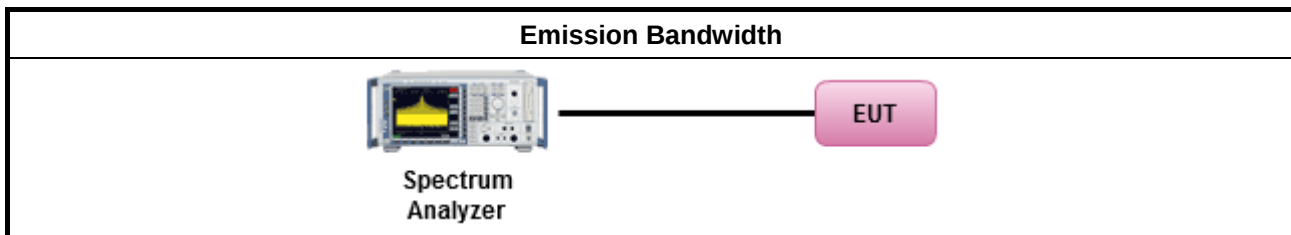
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup



3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

3.2.2 Measuring Instruments

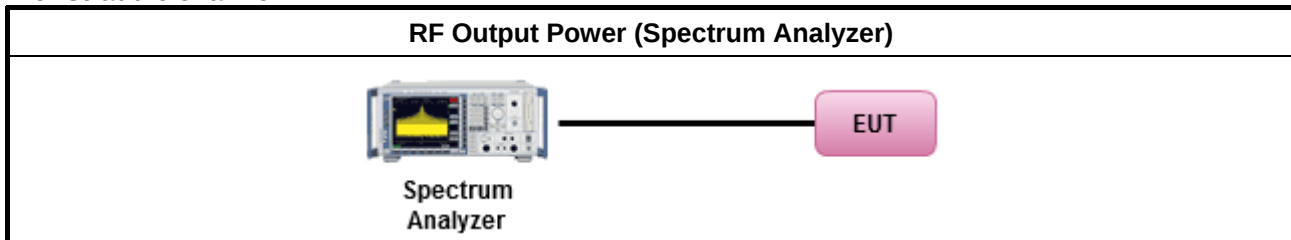
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

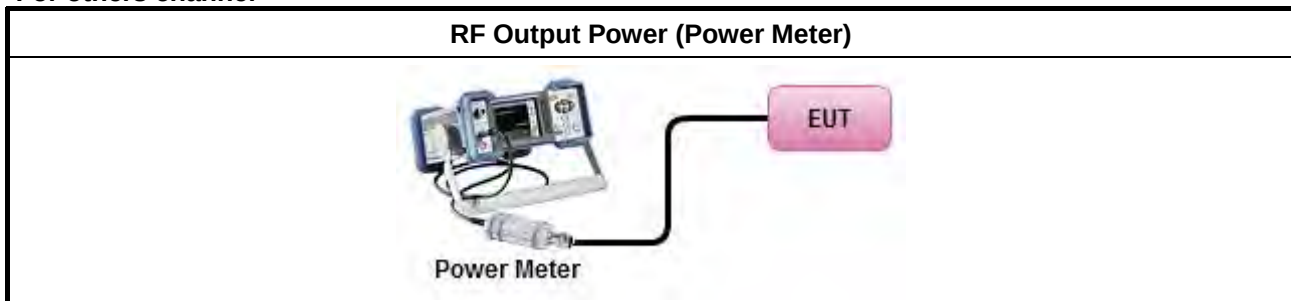
Test Method	
Maximum Conducted Output Power	
	Average over on/off periods with duty factor
☒	Refer as FCC KDB 789033, clause E Method SA-2 (spectral trace averaging).
☐	Refer as FCC KDB 789033, clause E Method SA-2 Alt. (RMS detection with slow sweep speed)
	Wideband RF power meter and average over on/off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

3.2.4 Test Setup

For straddle channel



For others channel



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

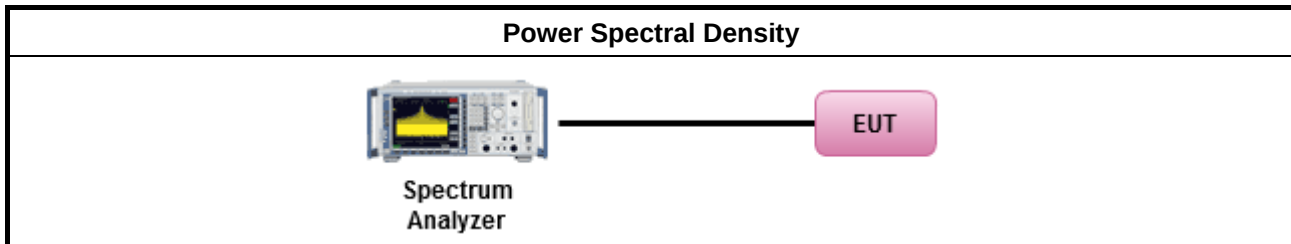
3.3.2 Measuring Instruments

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

3.3.4 Test Setup



3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C



3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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



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

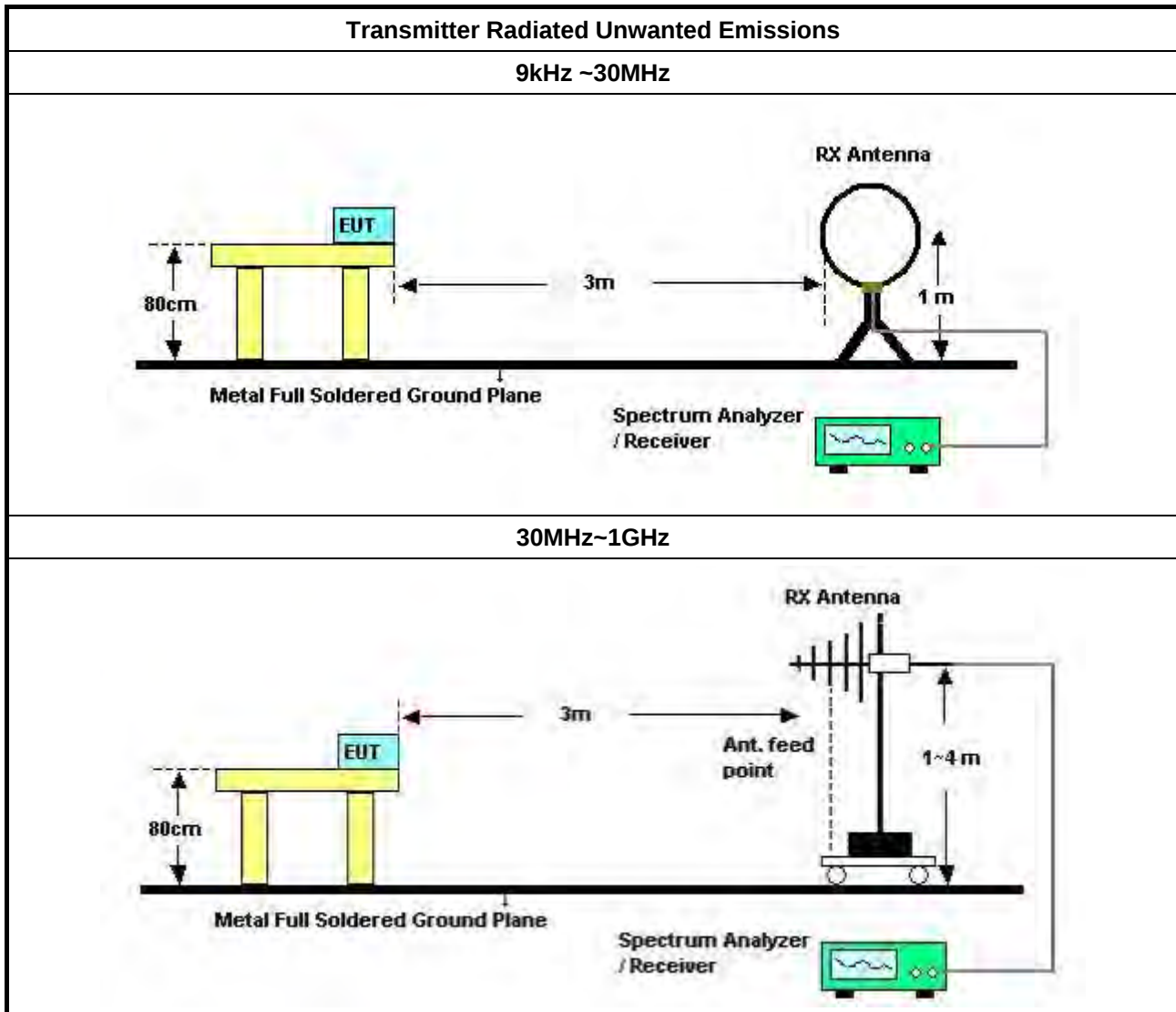
3.4.2 Measuring Instruments

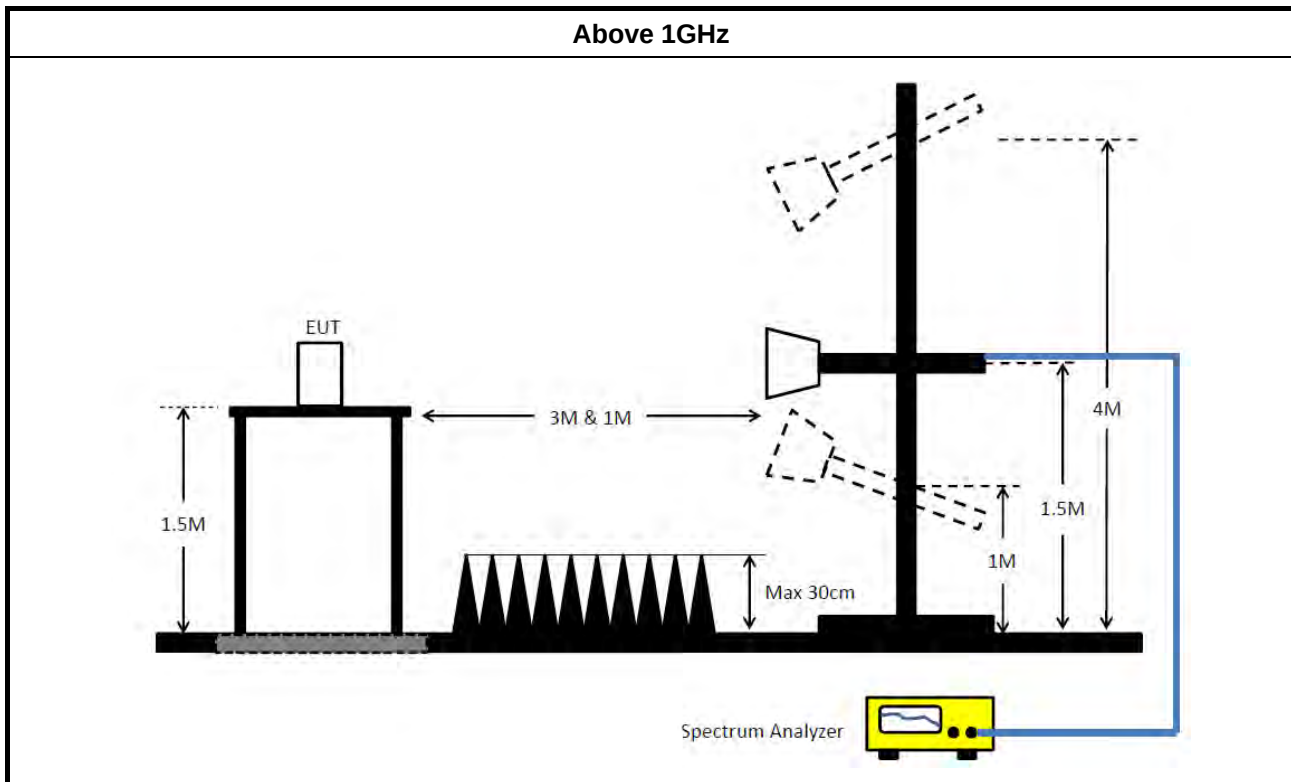
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

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

3.4.4 Test Setup





3.4.5 Measurement Results Calculation

The measured Level is calculated using:

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

3.4.6 Transmitter Unwanted Emissions (Below 30MHz)

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

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

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

3.4.7 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
Bilog Antenna with 6 dB attenuator	Schaffner	CBL6112B & N-6-06	2928 & AT-N0607	20MHz ~ 2GHz	Jan. 02, 2019	Jan. 01, 2020	Radiation (03CH03-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8447D	2944A10259	9kHz ~ 1.3GHz	Jan. 16, 2019	Jan. 15, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH03-CB)
EMI Test Receiver	R&S	ESCS	826547/017	9kHz ~ 2.75GHz	May 15, 2019	May 14, 2020	Radiation (03CH03-CB)
RF Cable-low	Woken	RG402	Low Cable-02+27	25MHz ~ 1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
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. 28, 2018	Jun. 27, 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-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	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. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz ~ 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-28	1 GHz ~26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	E9327A	US40442088	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)
Power Meter	Agilent	E4416A	GB41291199	50MHz~18GHz	Jan. 15, 2019	Jan. 14, 2020	Conducted (TH01-CB)

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

For Band 2 Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.5M	16.392M	16M4D1D	18.85M	16.367M
802.11ax HEW20_Nss1,(MCS0)_4TX	21.7M	18.966M	19M0D1D	20.875M	18.841M
802.11ax HEW40_Nss1,(MCS0)_4TX	40.95M	37.781M	37M8D1D	40.5M	37.531M
802.11ax HEW80_Nss1,(MCS0)_4TX	82.4M	76.962M	77M0D1D	81.6M	76.962M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.675M	18.916M	18M9D1D	21.175M	18.866M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.15M	37.731M	37M7D1D	40.4M	37.531M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.5M	76.962M	77M0D1D	80.8M	76.562M

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

Max-OBW = Maximum 99% occupied bandwidth;

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

Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	18.85M	16.367M	19.075M	16.367M	18.9M	16.392M	19.5M	16.392M
5300MHz	Pass	Inf	19.05M	16.392M	19M	16.392M	19.05M	16.392M	19.025M	16.392M
5320MHz	Pass	Inf	19.05M	16.367M	18.925M	16.392M	18.95M	16.392M	19.1M	16.367M
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.425M	18.891M	20.875M	18.916M	21.1M	18.891M	21.175M	18.941M
5300MHz	Pass	Inf	21.7M	18.891M	20.875M	18.891M	20.925M	18.866M	21.275M	18.966M
5320MHz	Pass	Inf	21.175M	18.866M	21.075M	18.841M	21.15M	18.891M	21.025M	18.891M
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.9M	37.631M	40.7M	37.581M	40.6M	37.631M	40.95M	37.631M
5310MHz	Pass	Inf	40.7M	37.781M	40.5M	37.531M	40.8M	37.631M	40.6M	37.681M
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	76.962M	82.4M	76.962M	82M	76.962M	81.6M	76.962M
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.2M	18.916M	21.175M	18.866M	21.4M	18.891M	21.25M	18.891M
5300MHz	Pass	Inf	21.375M	18.891M	21.525M	18.866M	21.2M	18.891M	21.675M	18.866M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.75M	37.681M	41.15M	37.531M	40.85M	37.681M	40.8M	37.731M
5310MHz	Pass	Inf	40.65M	37.631M	40.4M	37.681M	40.45M	37.581M	40.6M	37.731M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.5M	76.962M	80.8M	76.562M	80.8M	76.962M	81.1M	76.962M

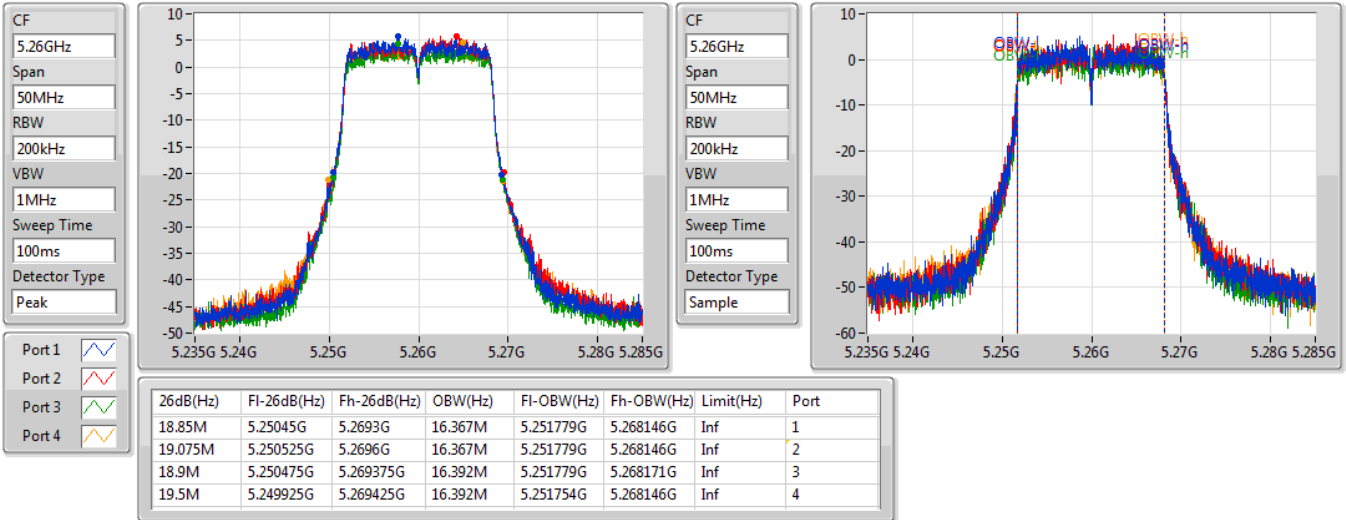
Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

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

802.11a_Nss1,(6Mbps)_4TX

EBW
5260MHz

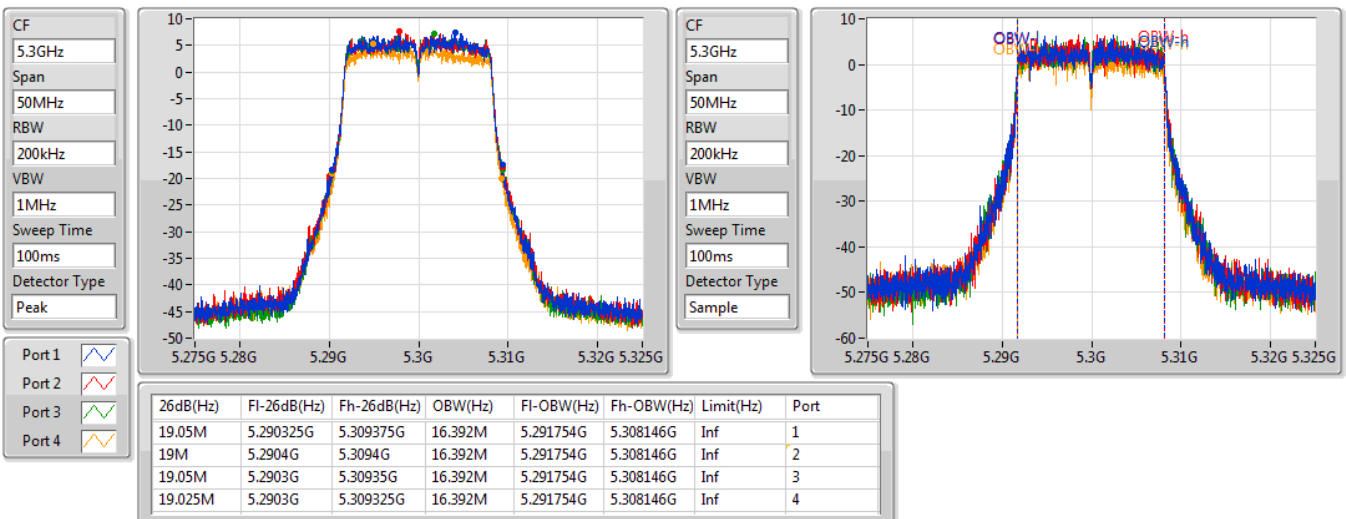
17/06/2019



802.11a_Nss1,(6Mbps)_4TX

EBW
5300MHz

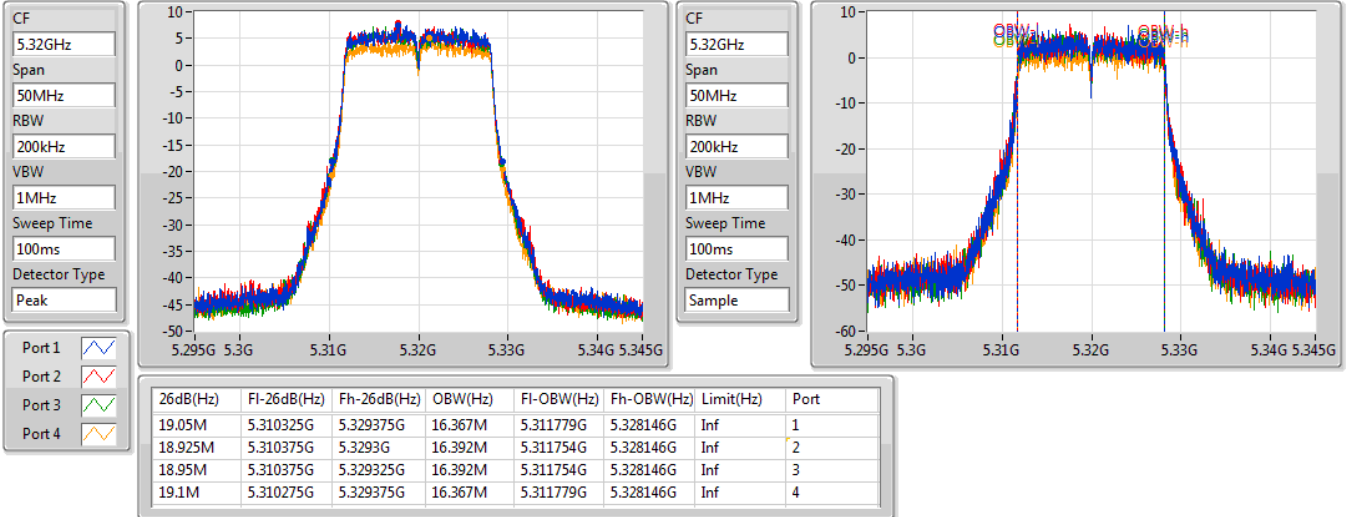
17/06/2019



802.11a_Nss1,(6Mbps)_4TX

EBW
5320MHz

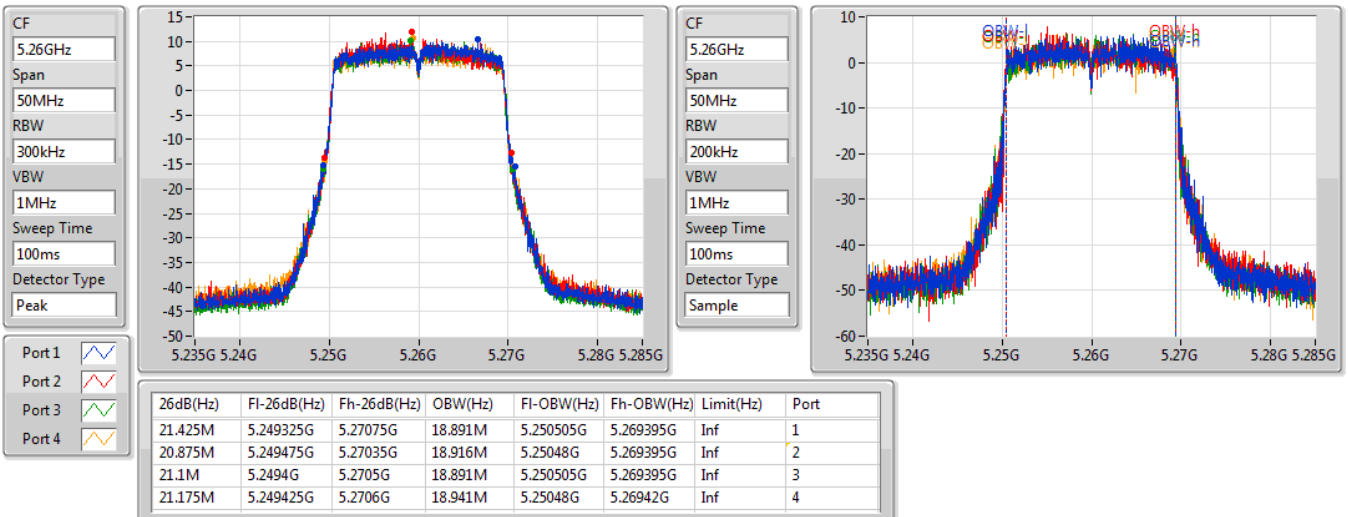
17/06/2019



802.11ax HEW20_Nss1,(MCS0)_4TX

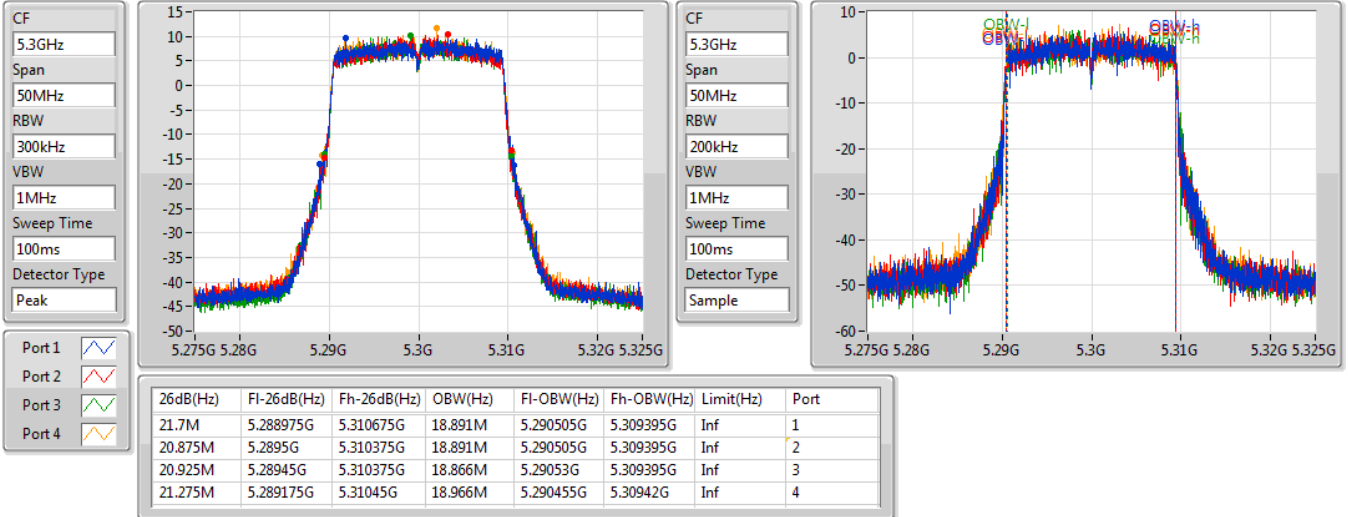
EBW
5260MHz

17/06/2019

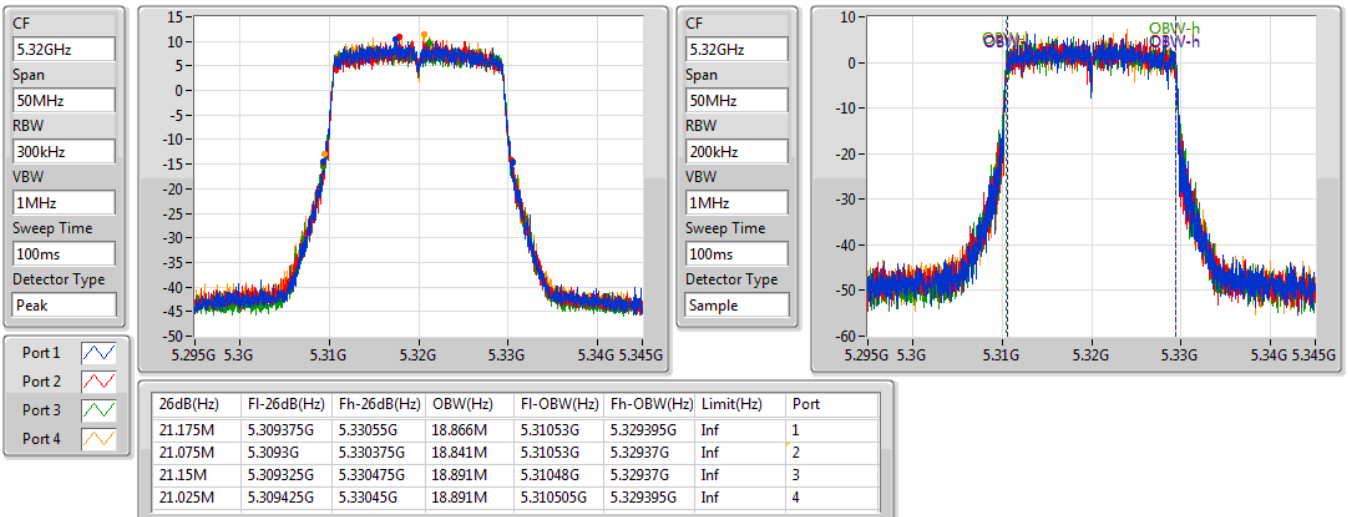


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5300MHz

17/06/2019

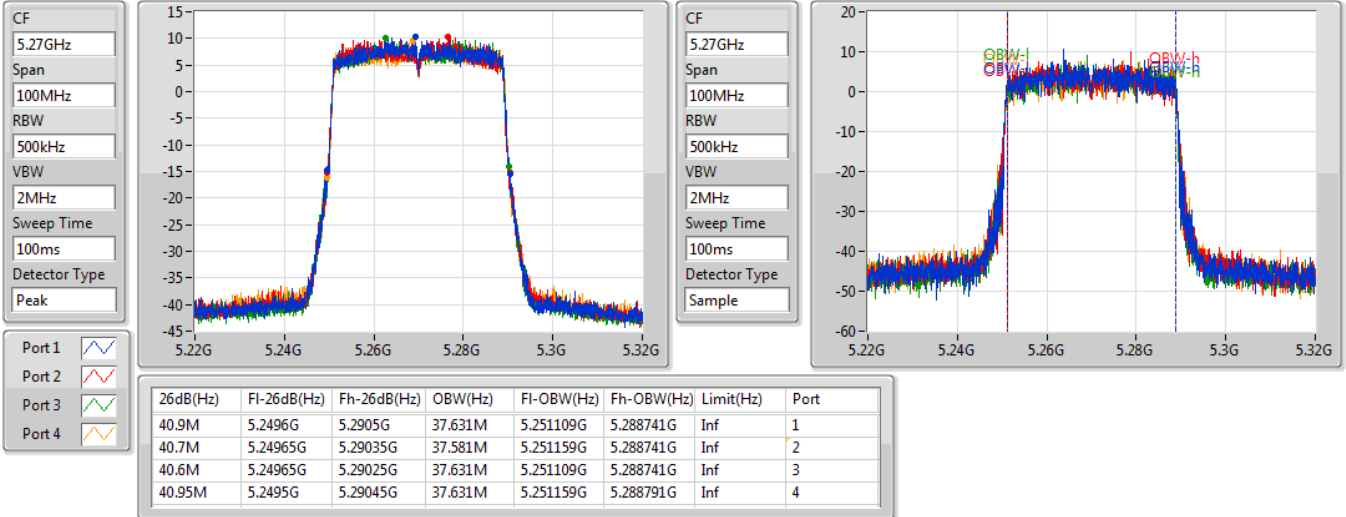

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5320MHz

17/06/2019

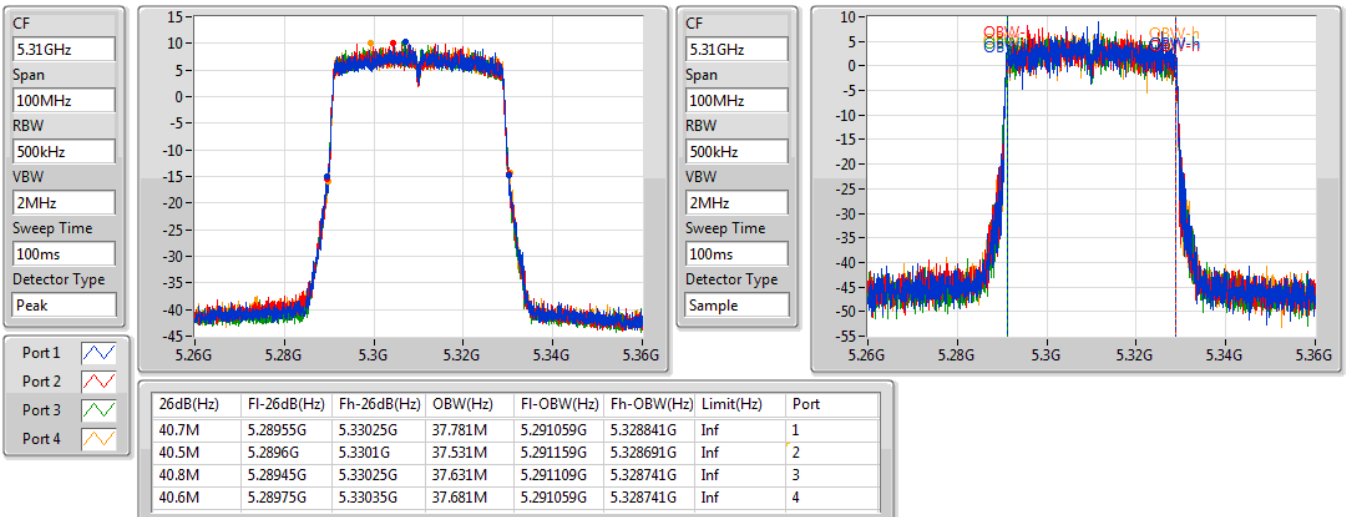


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5270MHz

17/06/2019


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5310MHz

17/06/2019

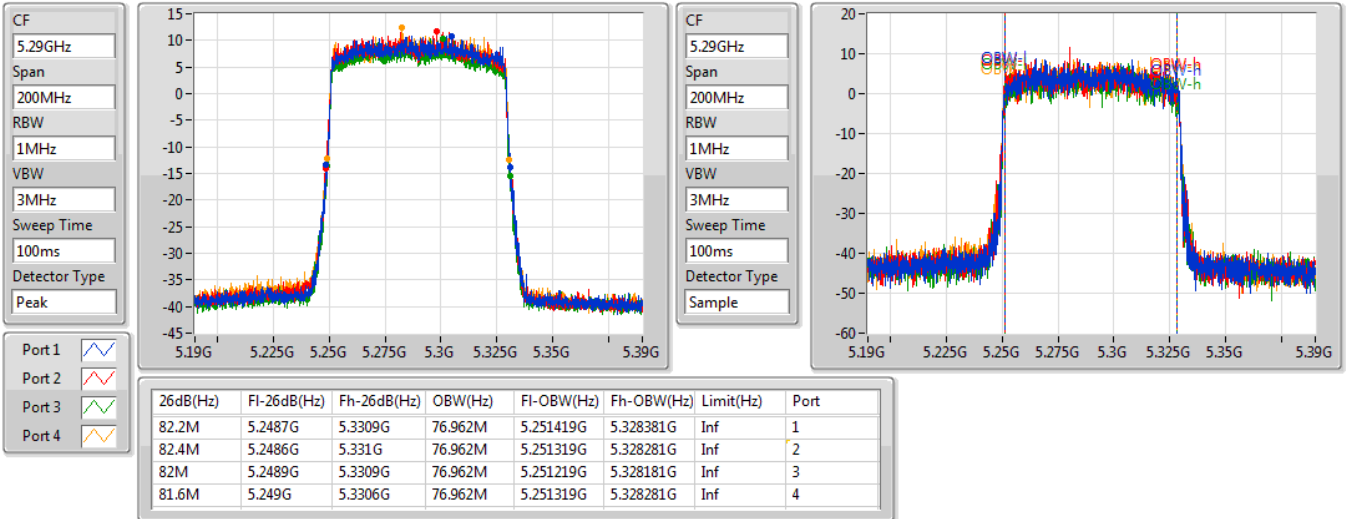


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5290MHz

17/06/2019

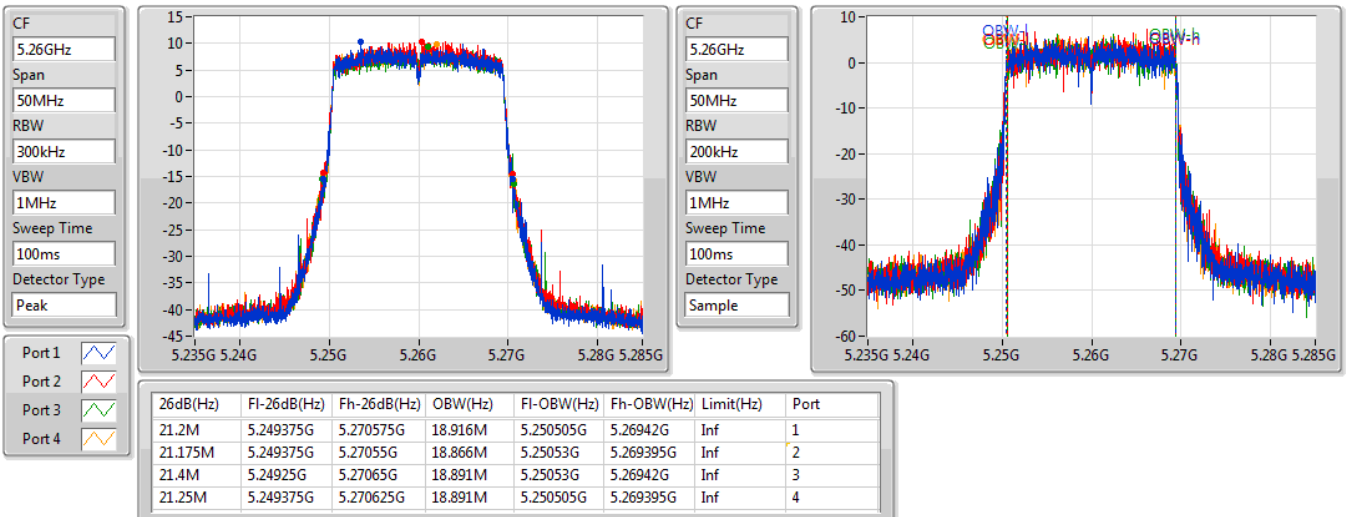


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

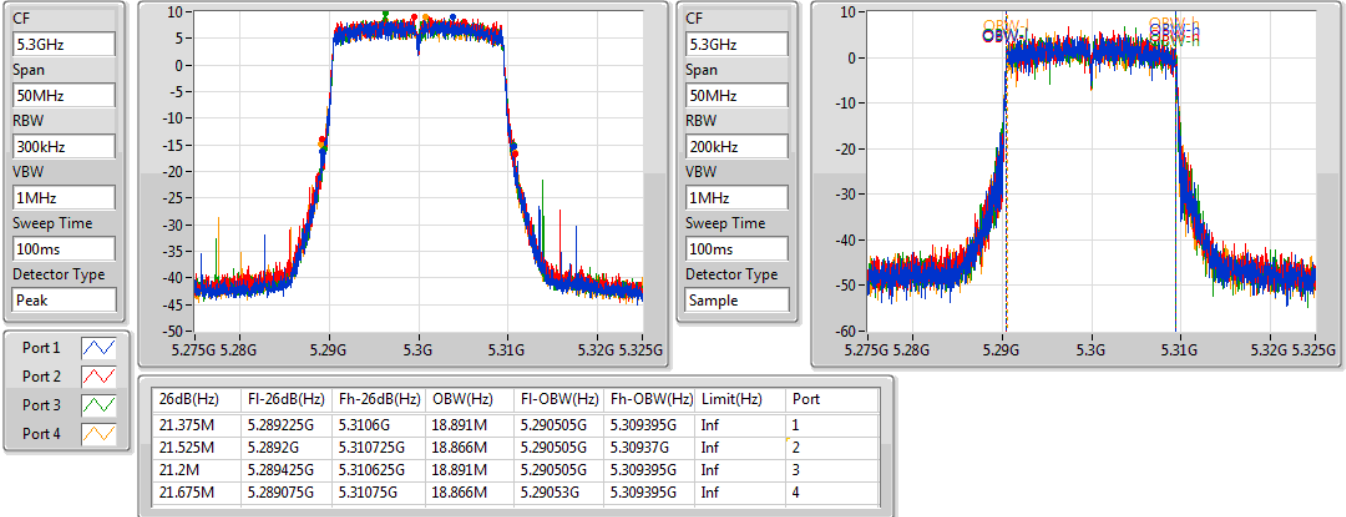
5260MHz

18/06/2019

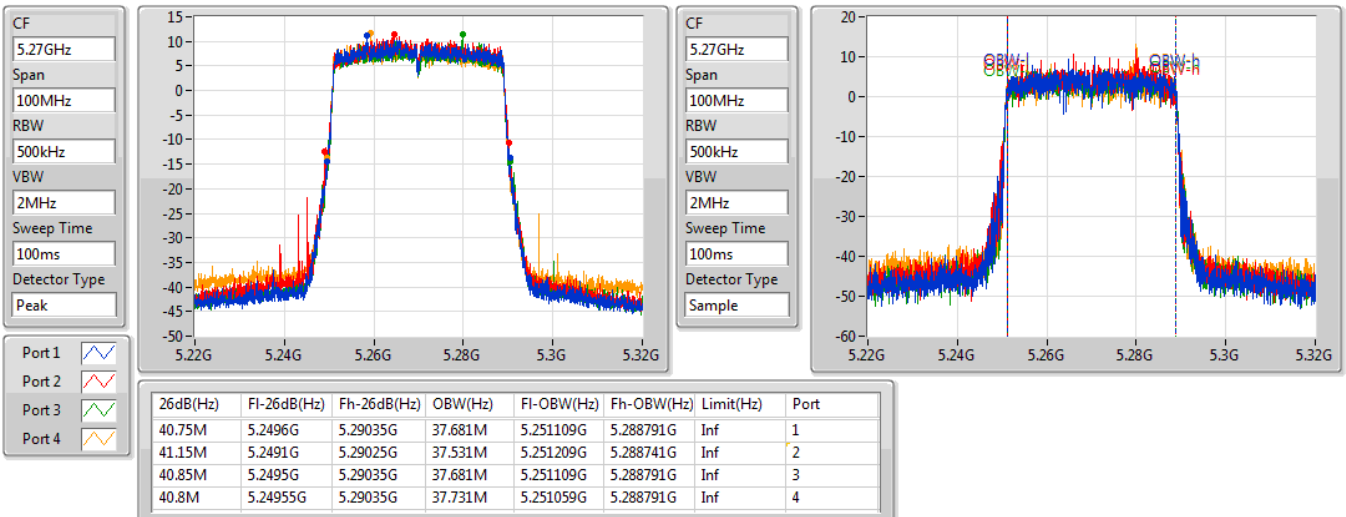


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

18/06/2019


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

18/06/2019

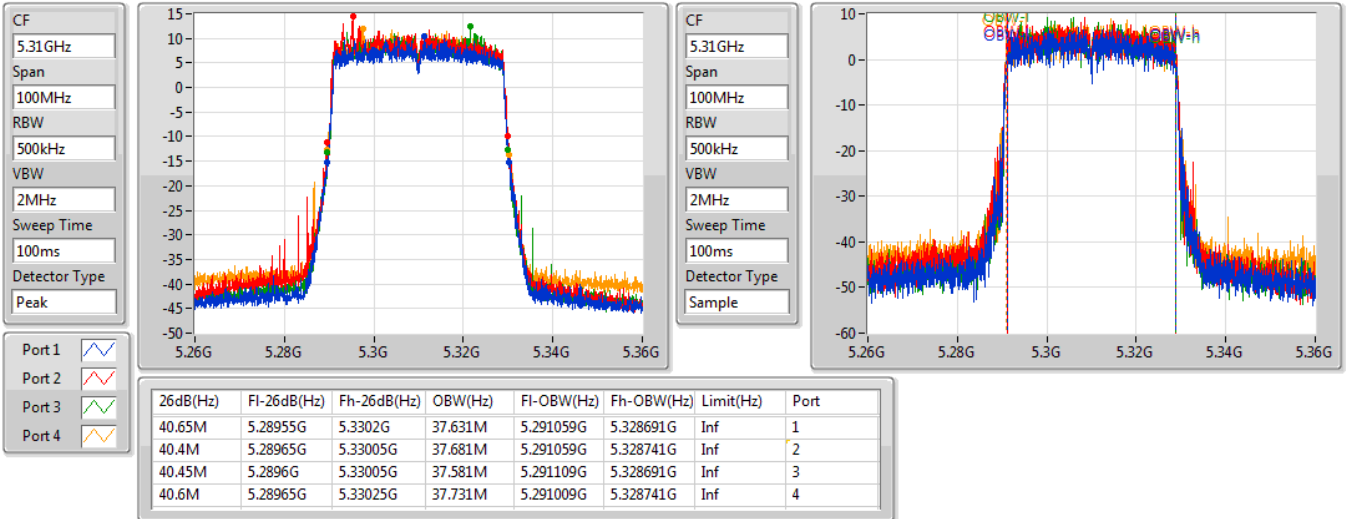


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

18/06/2019

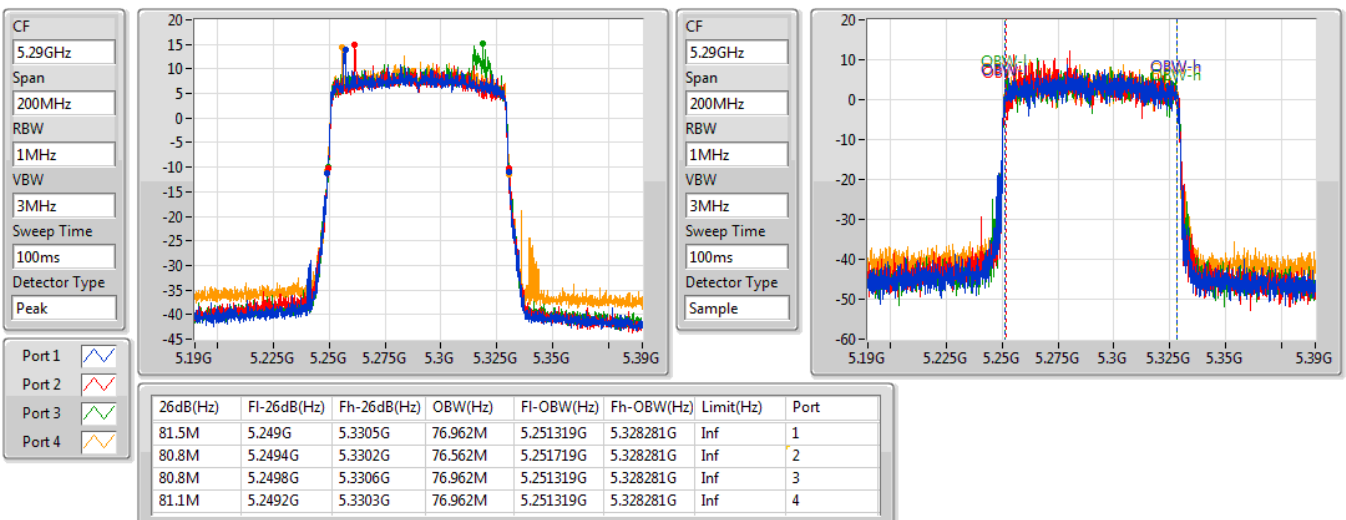


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

18/06/2019



For Band 3 Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.05M	16.71M	16M7D1D	15.78M	13.335M
802.11ax HEW20_Nss1,(MCS0)_2TX	21.57M	19.02M	19M0D1D	15.555M	14.468M
802.11ax HEW40_Nss1,(MCS0)_2TX	42.36M	38.16M	38M2D1D	36.155M	33.845M
802.11ax HEW80_Nss1,(MCS0)_2TX	82.56M	77.52M	77M5D1D	76.2M	73.125M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.72M	18.96M	19M0D1D	15.75M	14.505M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	42.18M	38.04M	38M0D1D	36.05M	33.81M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	82.68M	77.16M	77M2D1D	75.975M	73.125M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	3.2M	3.72M	3M72D1D	3.18M	3.62M
802.11ax HEW20_Nss1,(MCS0)_2TX	4.48M	4.56M	4M56D1D	4.38M	4.54M
802.11ax HEW40_Nss1,(MCS0)_2TX	4.08M	4.1M	4M10D1D	3.96M	4.08M
802.11ax HEW80_Nss1,(MCS0)_2TX	4.06M	4.14M	4M14D1D	4.04M	4.14M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	4.44M	4.54M	4M54D1D	4.42M	4.52M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.04M	4.12M	4M12D1D	4.02M	4.12M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.06M	4.18M	4M18D1D	3.96M	4.14M

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

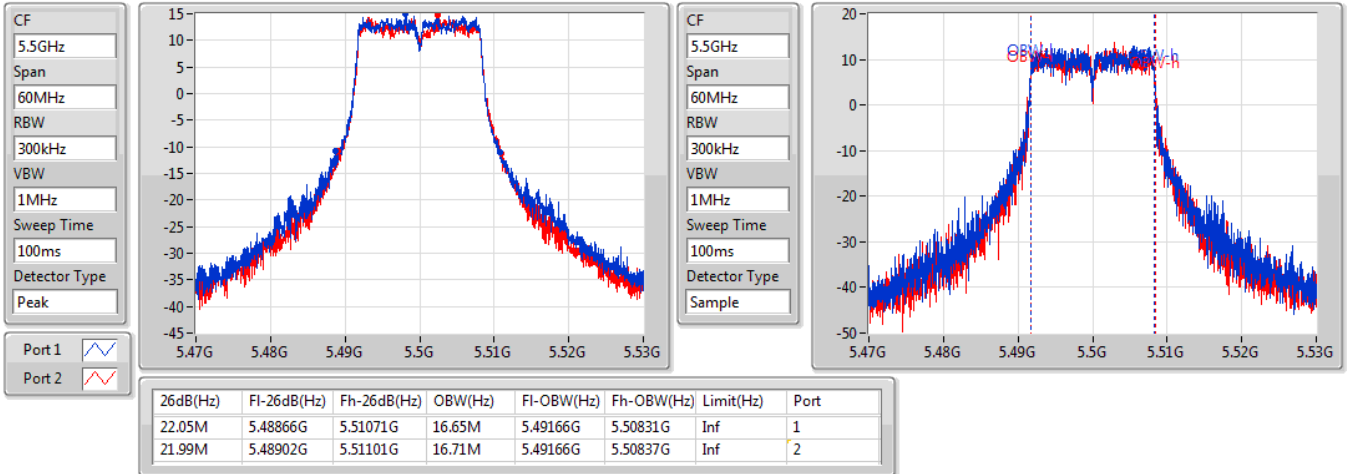
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5500MHz	Pass	Inf	22.05M	16.65M	21.99M	16.71M
5580MHz	Pass	Inf	21.57M	16.68M	21.75M	16.68M
5700MHz	Pass	Inf	21.54M	16.62M	21.81M	16.68M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.78M	13.335M	15.99M	13.38M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	3.2M	3.62M	3.18M	3.72M
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	Inf	21.33M	18.93M	21.21M	18.9M
5580MHz	Pass	Inf	21.24M	19.02M	21.3M	18.96M
5700MHz	Pass	Inf	21.51M	18.93M	21.57M	18.99M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.555M	14.468M	15.585M	14.498M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.48M	4.56M	4.38M	4.54M
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	Inf	42.36M	37.98M	42.24M	38.04M
5550MHz	Pass	Inf	42.24M	37.92M	42.24M	38.04M
5670MHz	Pass	Inf	42.24M	38.04M	42.18M	38.16M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.155M	33.88M	36.225M	33.845M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.08M	4.08M	4.1M
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	Inf	82.32M	77.16M	82.08M	77.16M
5610MHz	Pass	Inf	82.56M	77.52M	82.32M	77.04M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.2M	73.2M	76.35M	73.125M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4.04M	4.14M	4.06M	4.14M
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	Inf	21.72M	18.96M	21.42M	18.93M
5580MHz	Pass	Inf	21.39M	18.96M	20.94M	18.93M
5700MHz	Pass	Inf	21.27M	18.9M	21.24M	18.9M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.915M	14.505M	15.75M	14.505M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.44M	4.54M	4.42M	4.52M
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	Inf	42.12M	38.04M	42M	38.04M
5550MHz	Pass	Inf	42.06M	37.8M	41.82M	37.86M
5670MHz	Pass	Inf	42.18M	37.98M	42.18M	37.98M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	36.225M	33.88M	36.05M	33.81M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	4.02M	4.12M	4.04M	4.12M
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	Inf	82.44M	77.16M	82.68M	77.04M
5610MHz	Pass	Inf	82.32M	77.04M	82.68M	77.04M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	76.275M	73.2M	75.975M	73.125M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.96M	4.14M	4.06M	4.18M

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

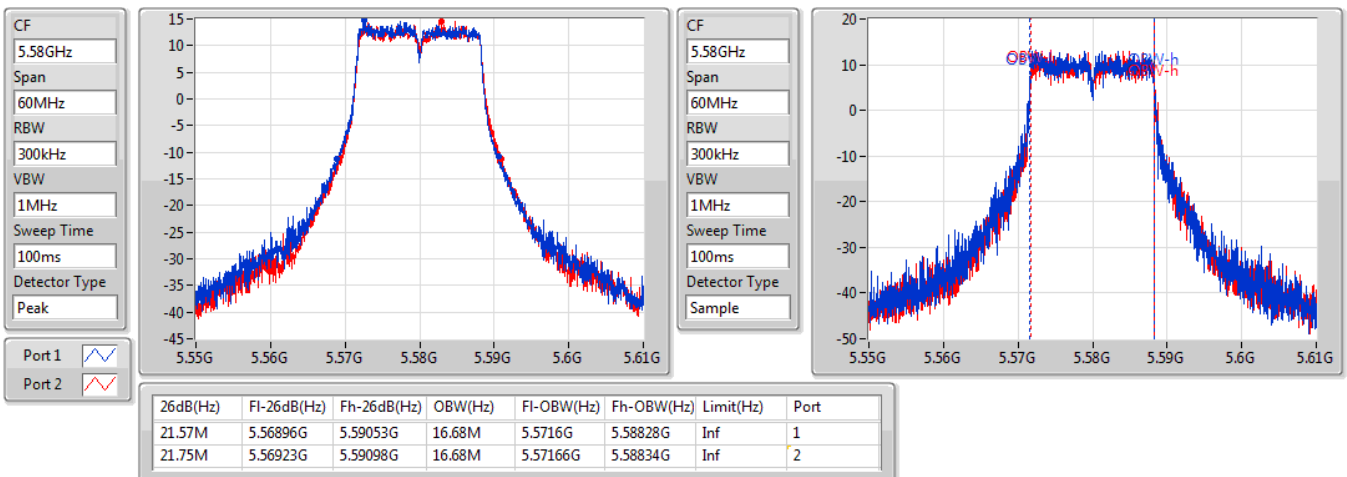
Port X-OBW = Port X 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX
EBW
5500MHz

25/06/2019


802.11a_Nss1,(6Mbps)_2TX
EBW
5580MHz

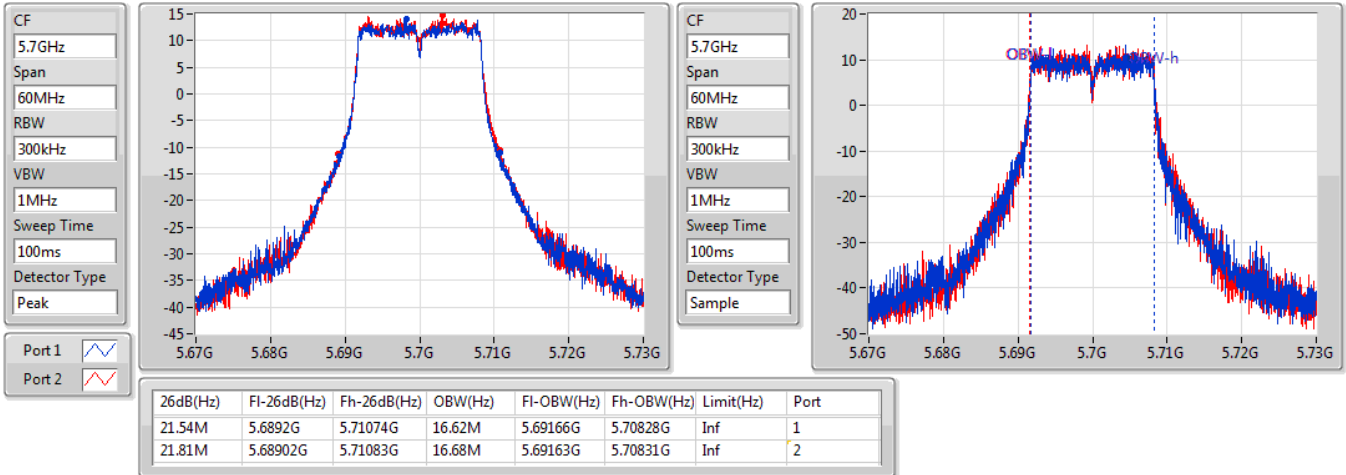
25/06/2019



802.11a_Nss1,(6Mbps)_2TX

EBW
5700MHz

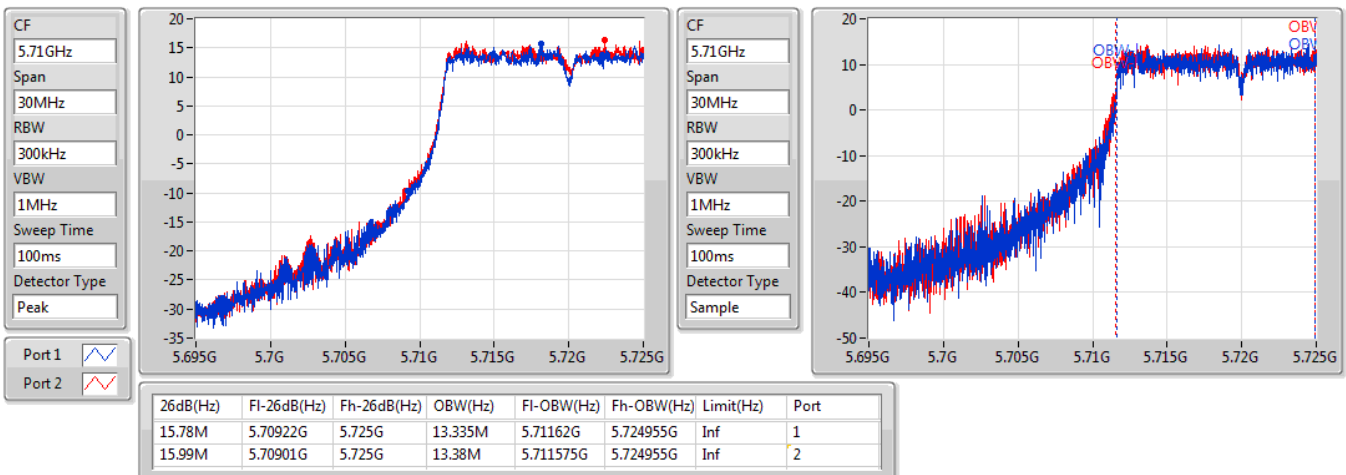
25/06/2019



802.11a_Nss1,(6Mbps)_2TX

EBW
5720MHz Straddle 5.47-5.725GHz

25/06/2019

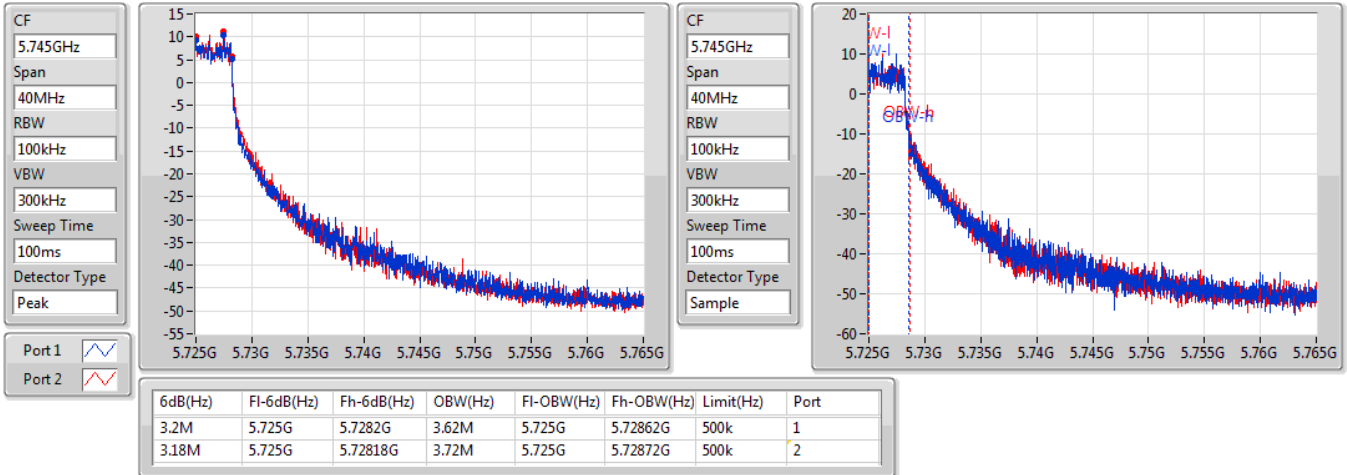


802.11a_Nss1,(6Mbps)_2TX

EBW

5720MHz Straddle 5.725-5.85GHz

25/06/2019

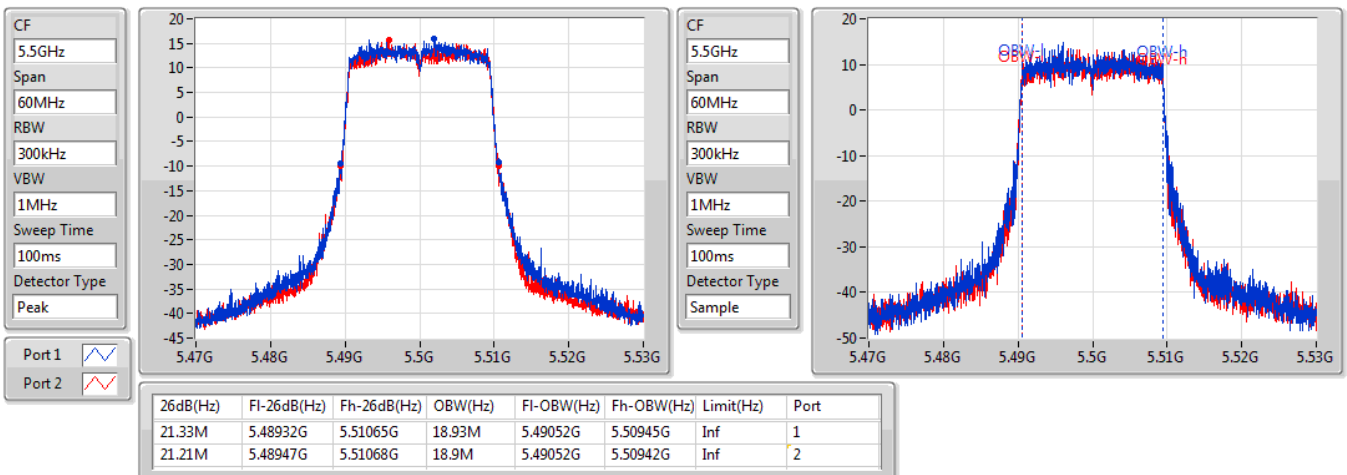


802.11ax HEW20_Nss1,(MCS0)_2TX

EBW

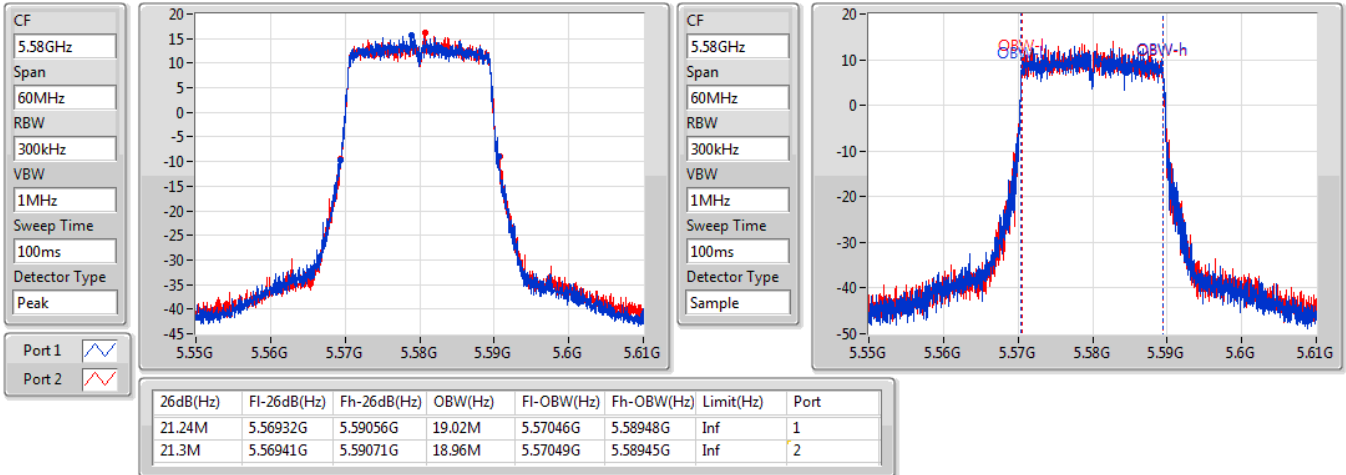
5500MHz

25/06/2019

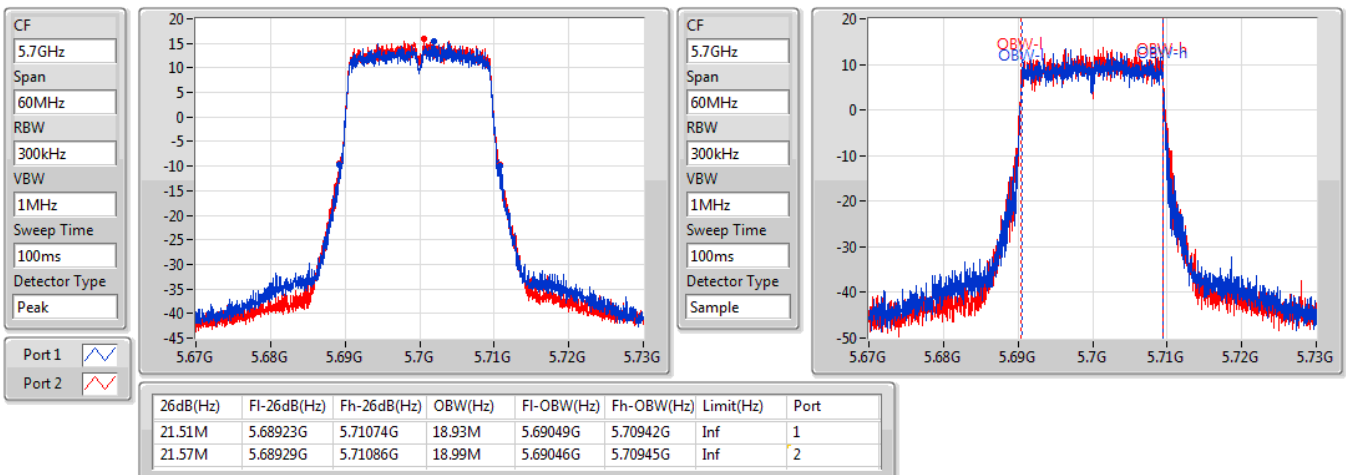


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5580MHz

25/06/2019

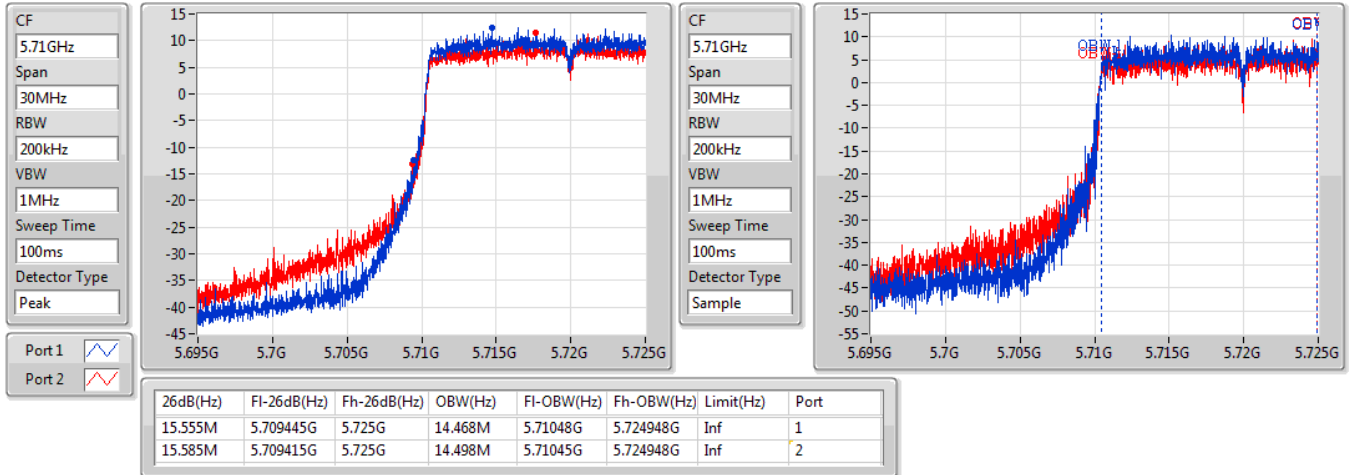

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5700MHz

25/06/2019

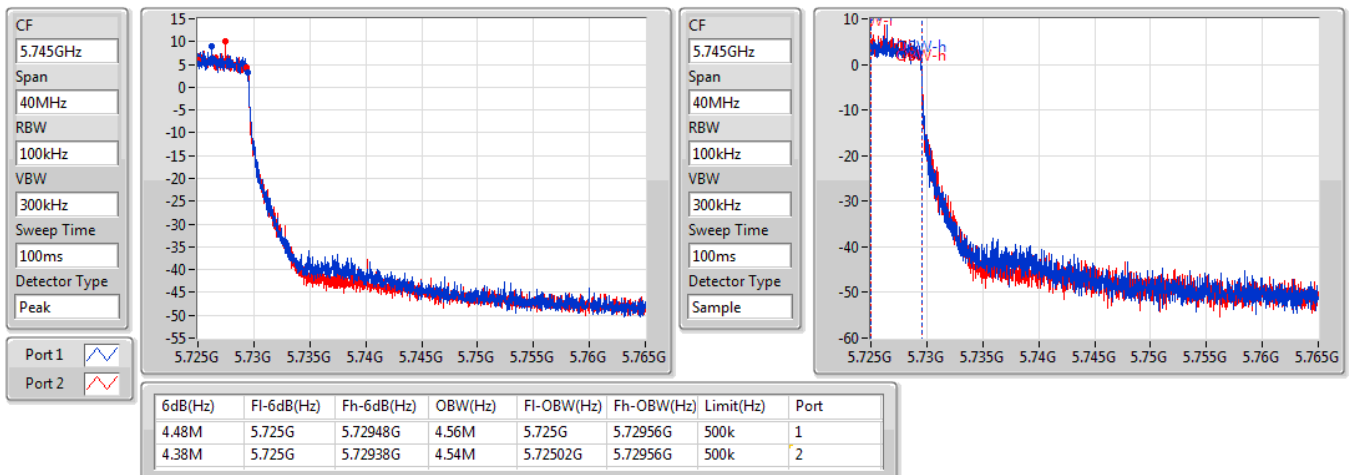


802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

29/06/2019

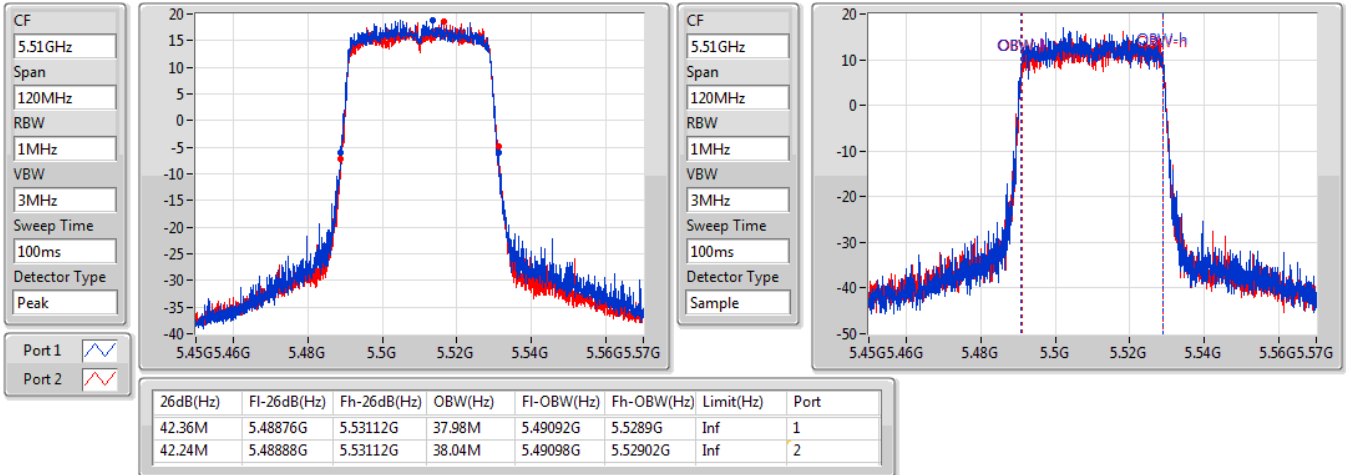

802.11ax HEW20_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

25/06/2019

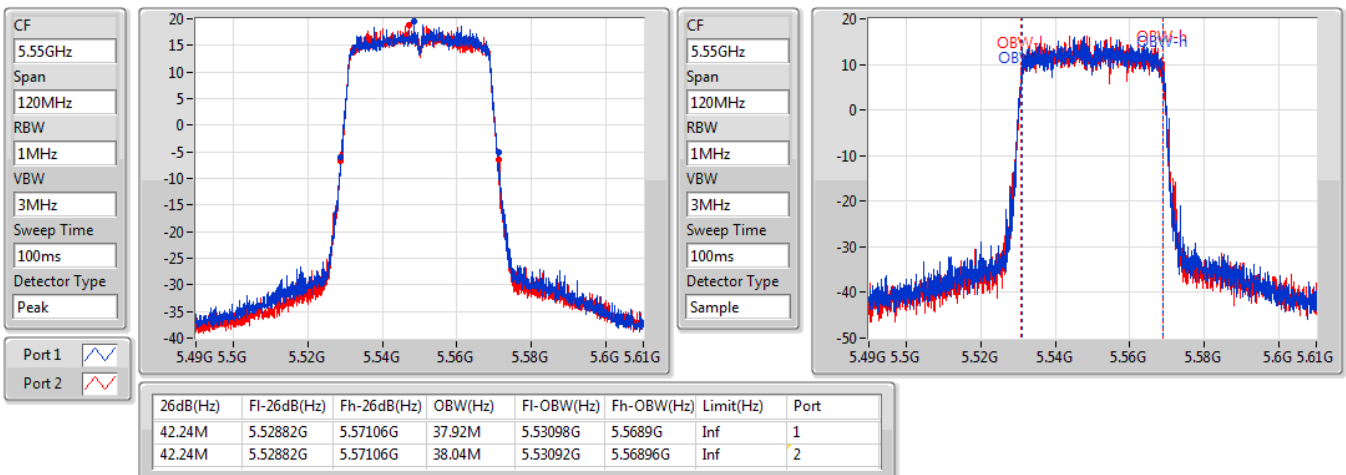


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5510MHz

25/06/2019

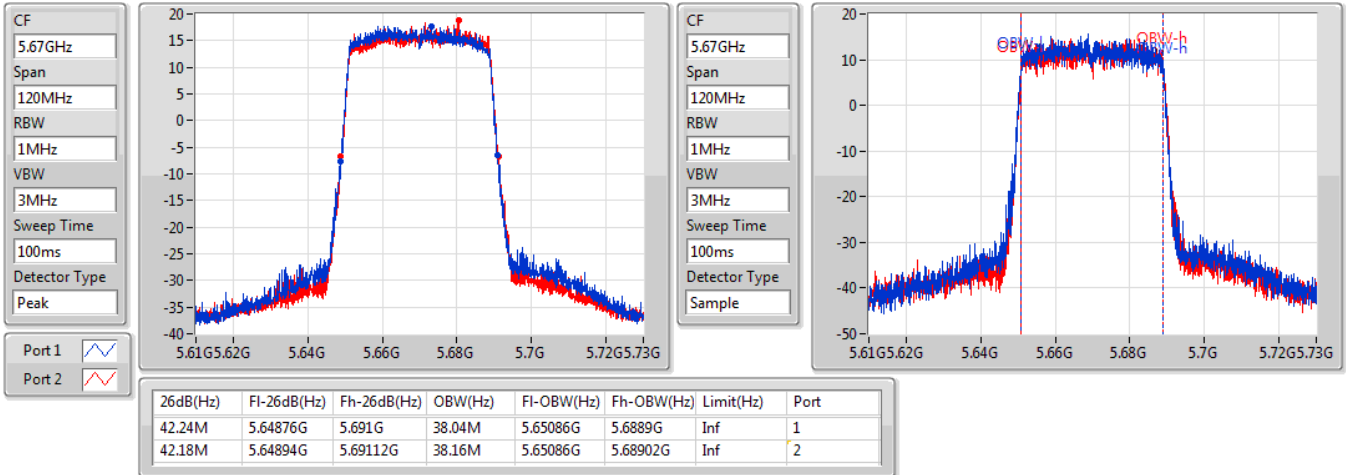

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5550MHz

25/06/2019

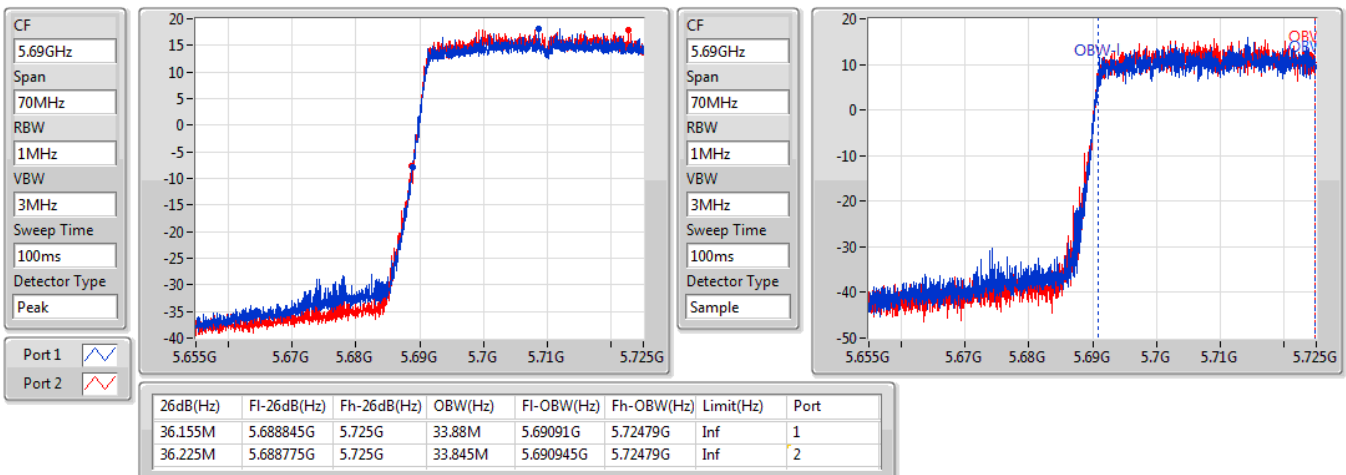


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5670MHz

25/06/2019

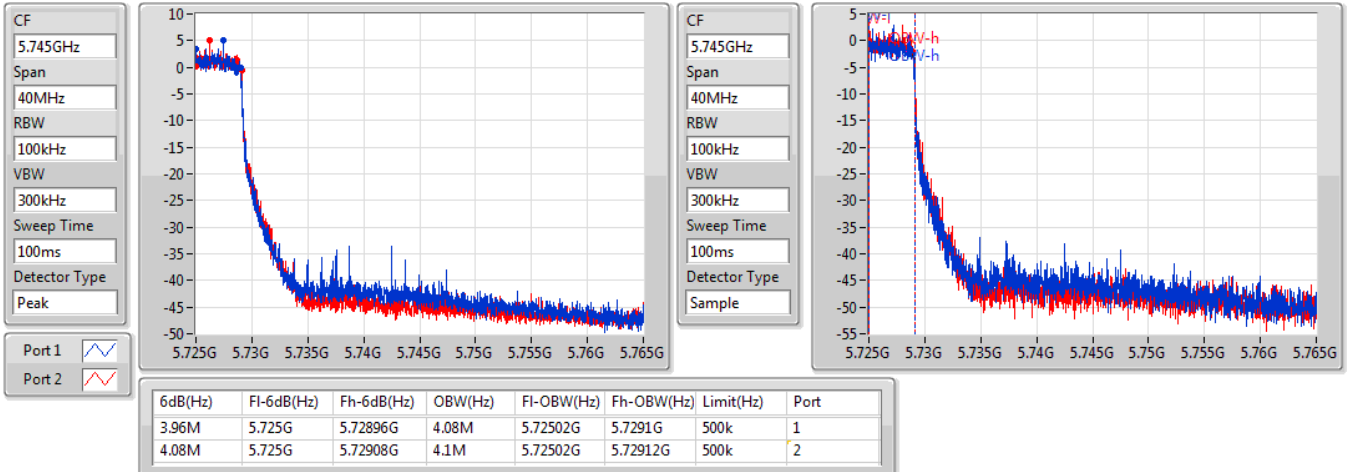

802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

25/06/2019

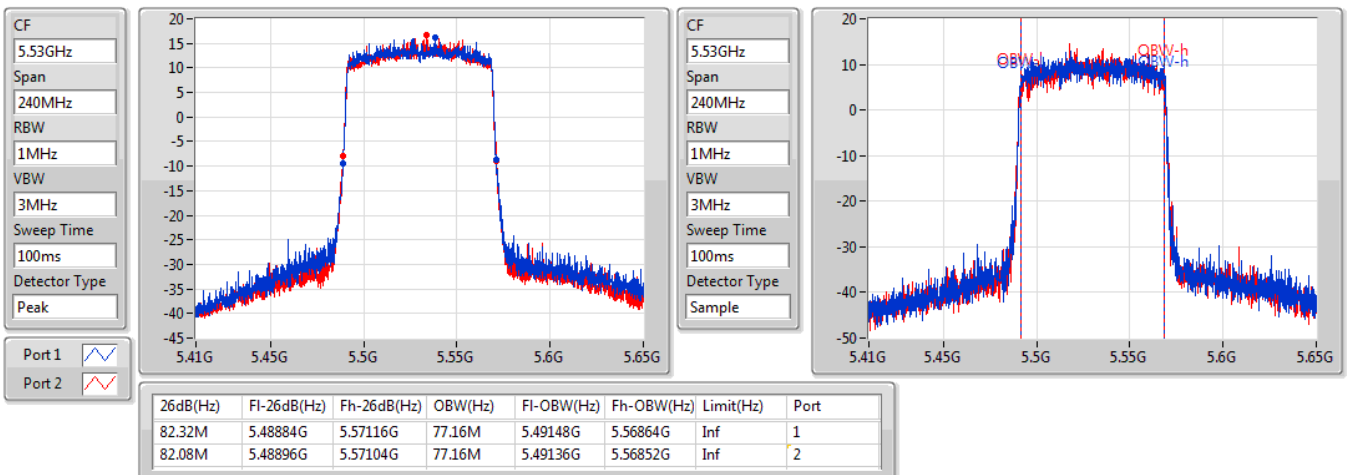


802.11ax HEW40_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

25/06/2019

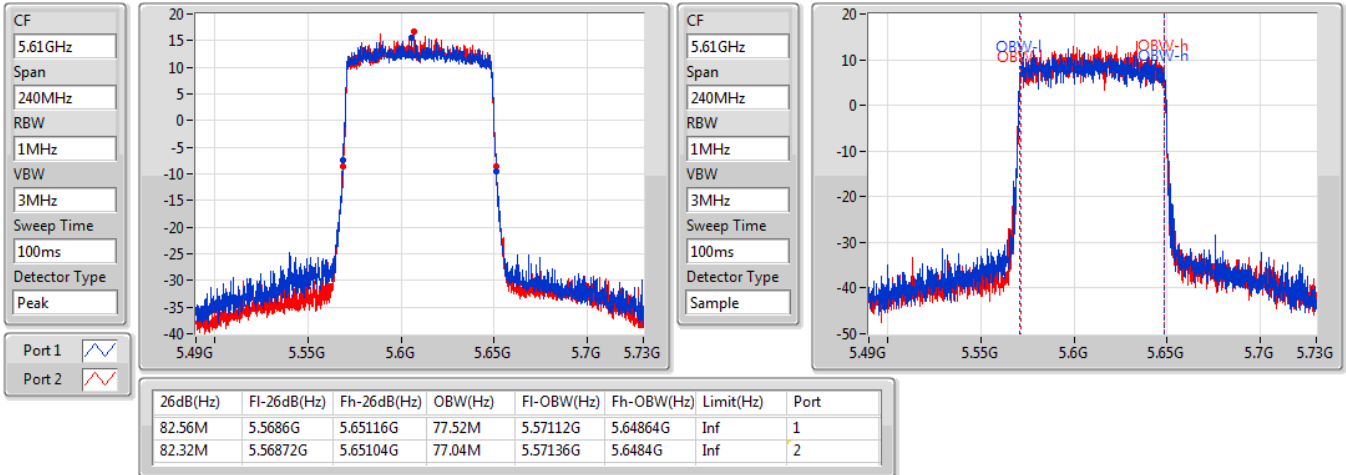

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5530MHz

25/06/2019

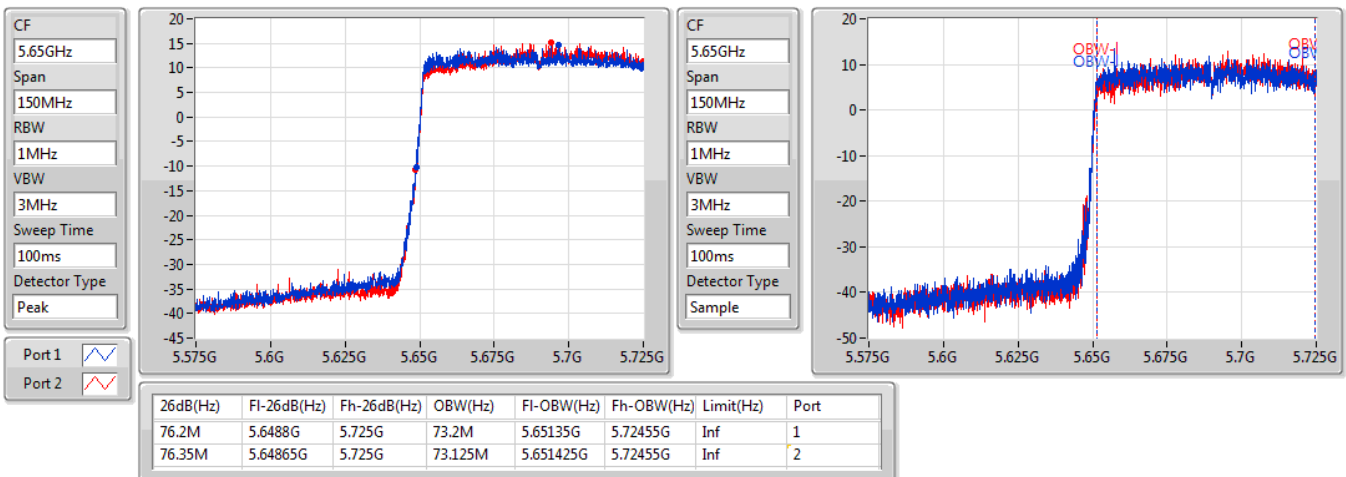


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5610MHz

25/06/2019

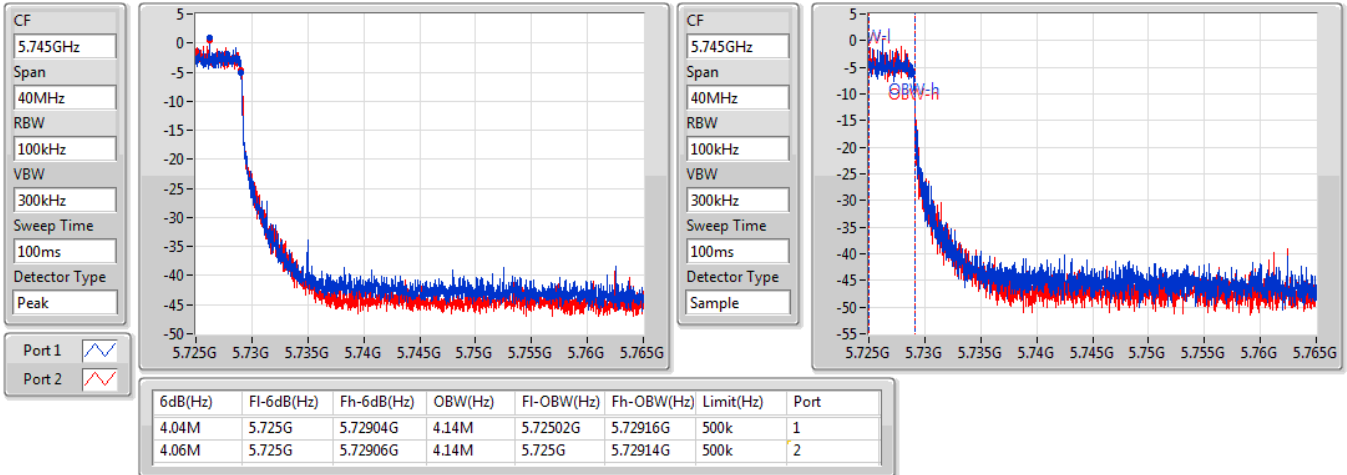

802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.47-5.725GHz

25/06/2019

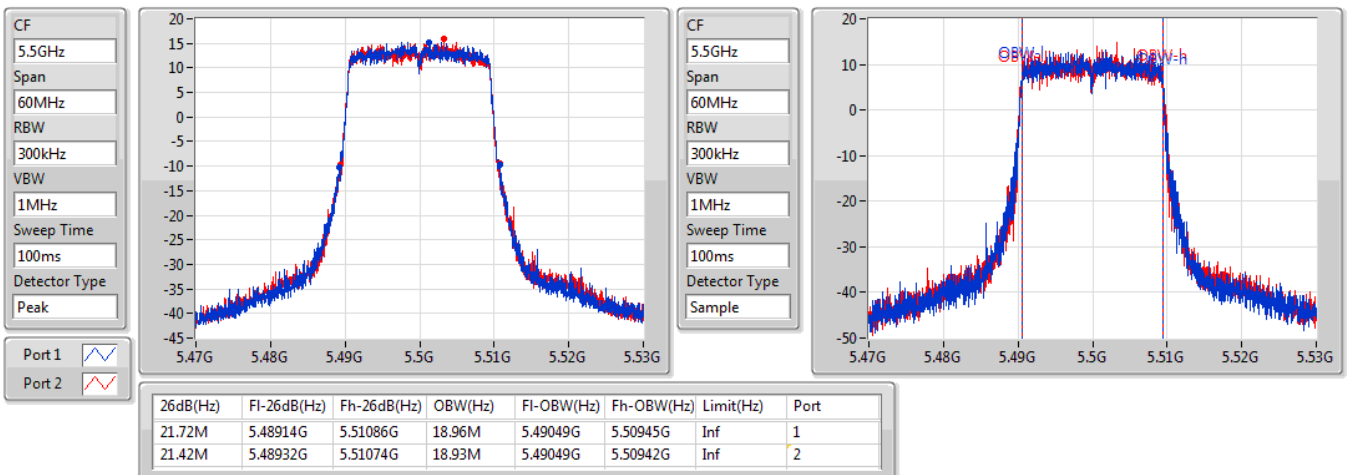


802.11ax HEW80_Nss1,(MCS0)_2TX
EBW
5690MHz Straddle 5.725-5.85GHz

25/06/2019

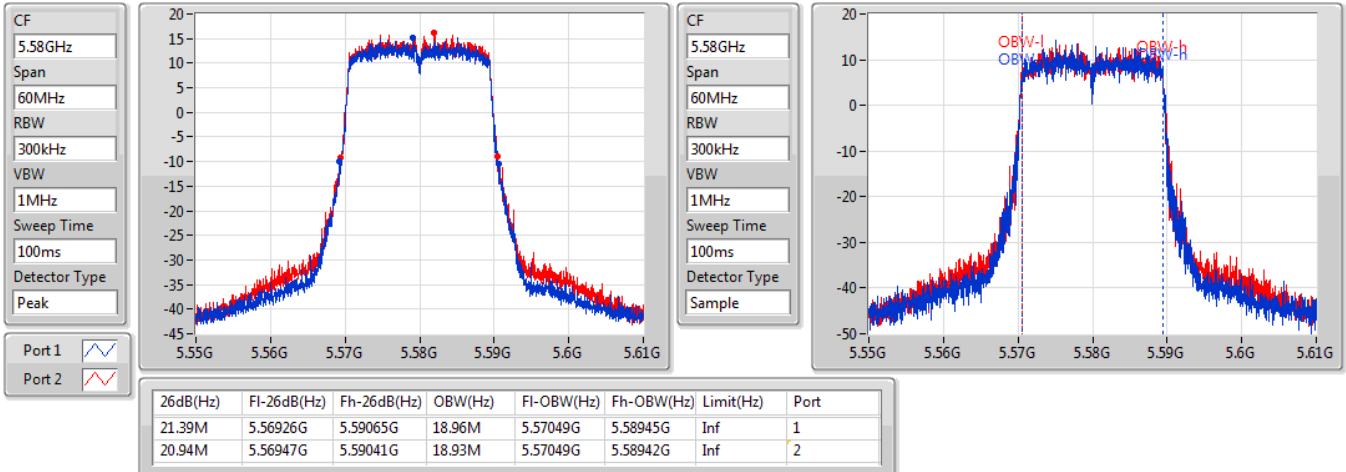

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5500MHz

26/06/2019

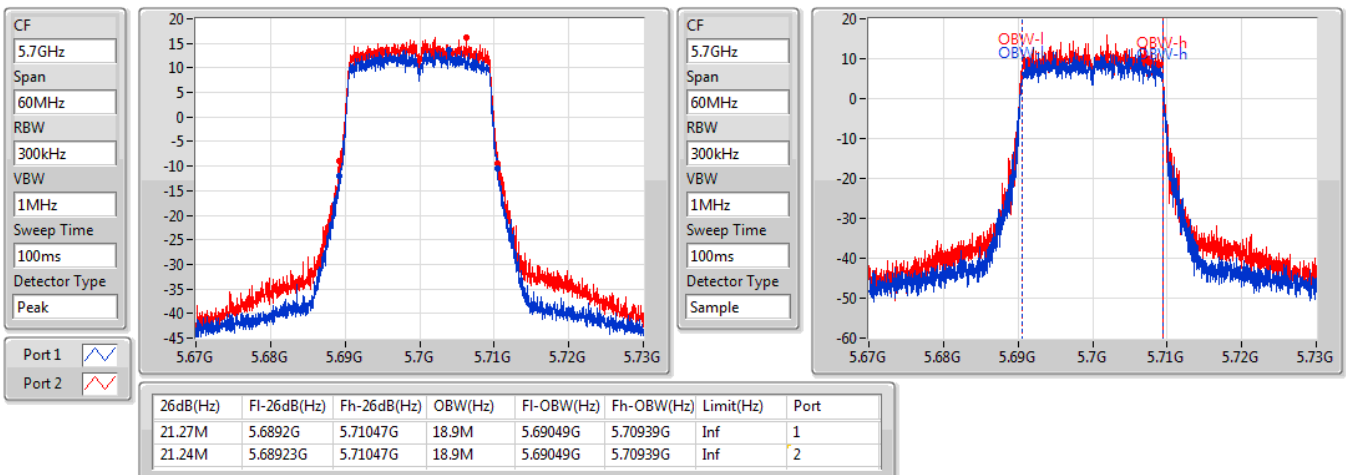


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5580MHz

26/06/2019

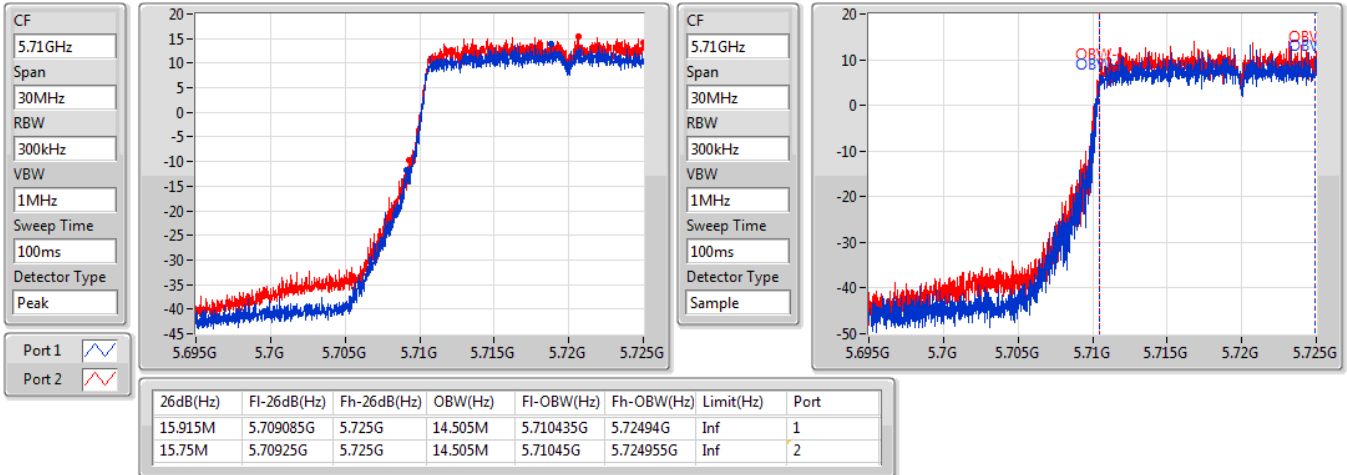

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5700MHz

26/06/2019

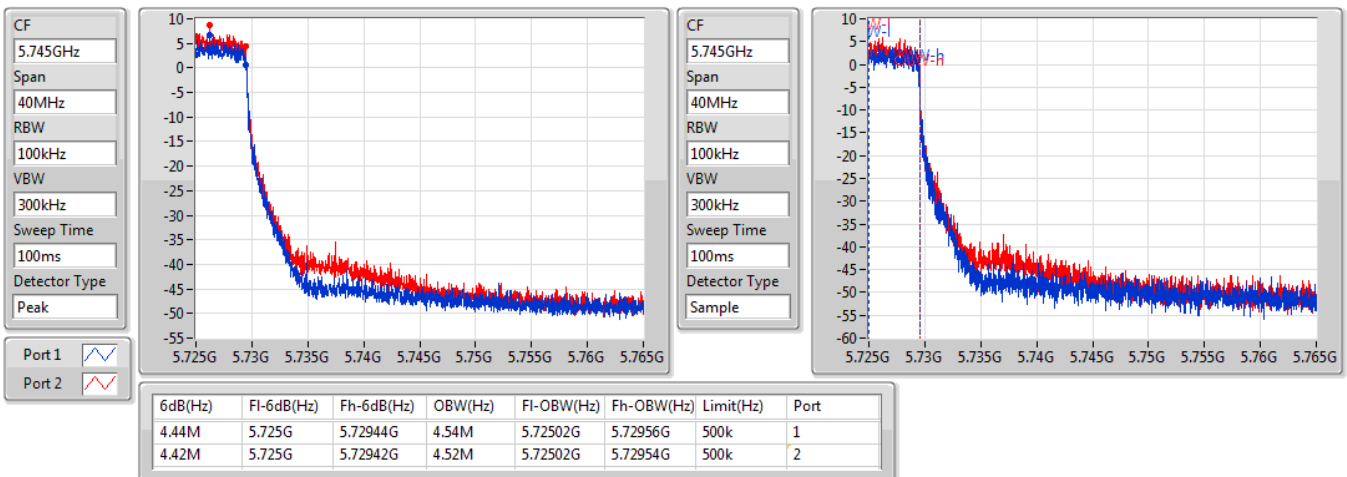


802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.47-5.725GHz

26/06/2019

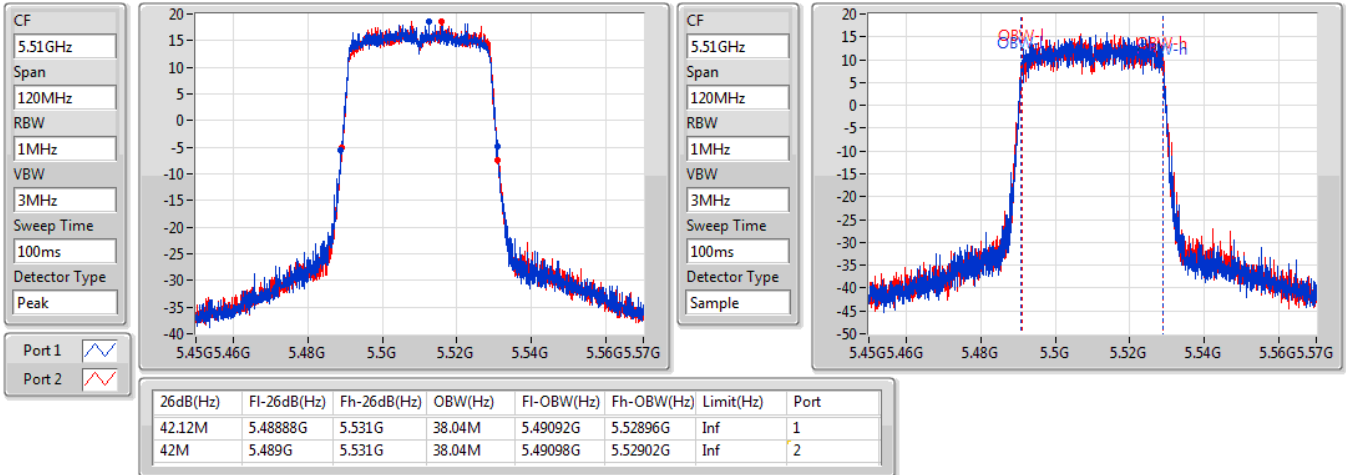

802.11ax HEW20-BF_Nss1,(MCS0)_2TX
EBW
5720MHz Straddle 5.725-5.85GHz

26/06/2019

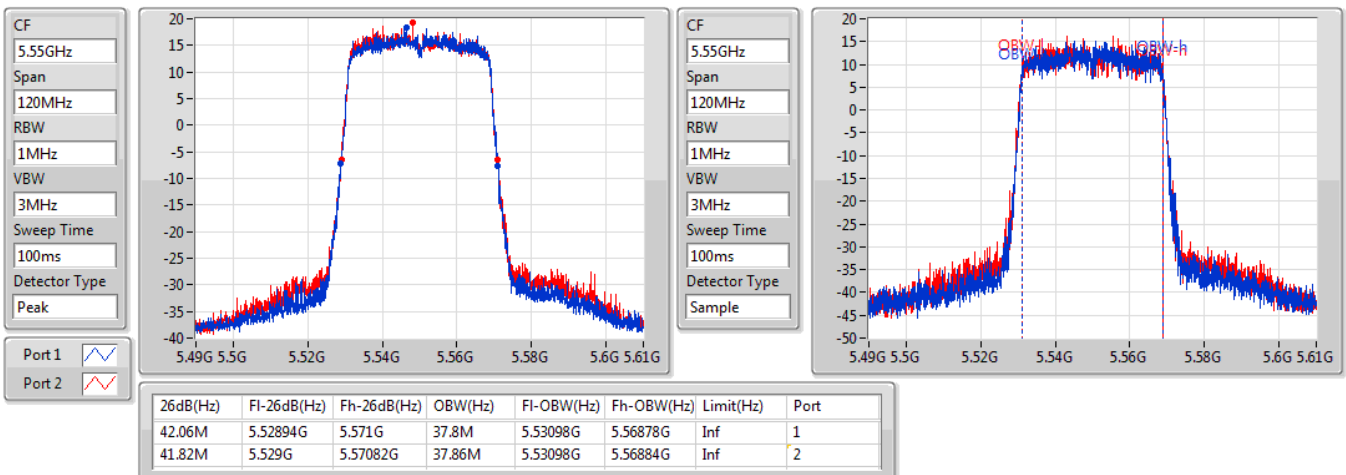


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5510MHz

26/06/2019

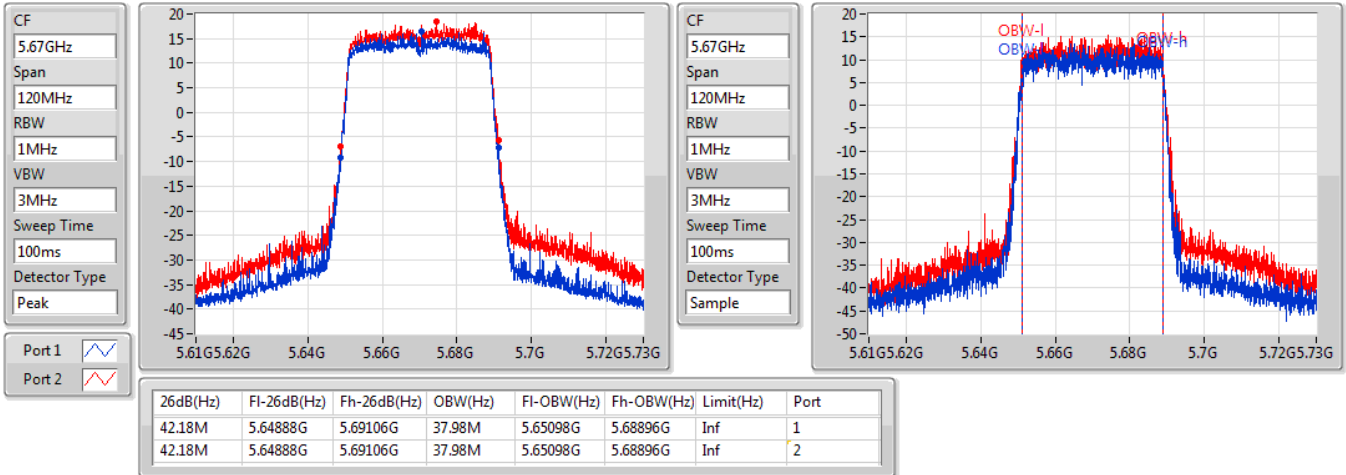

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5550MHz

26/06/2019

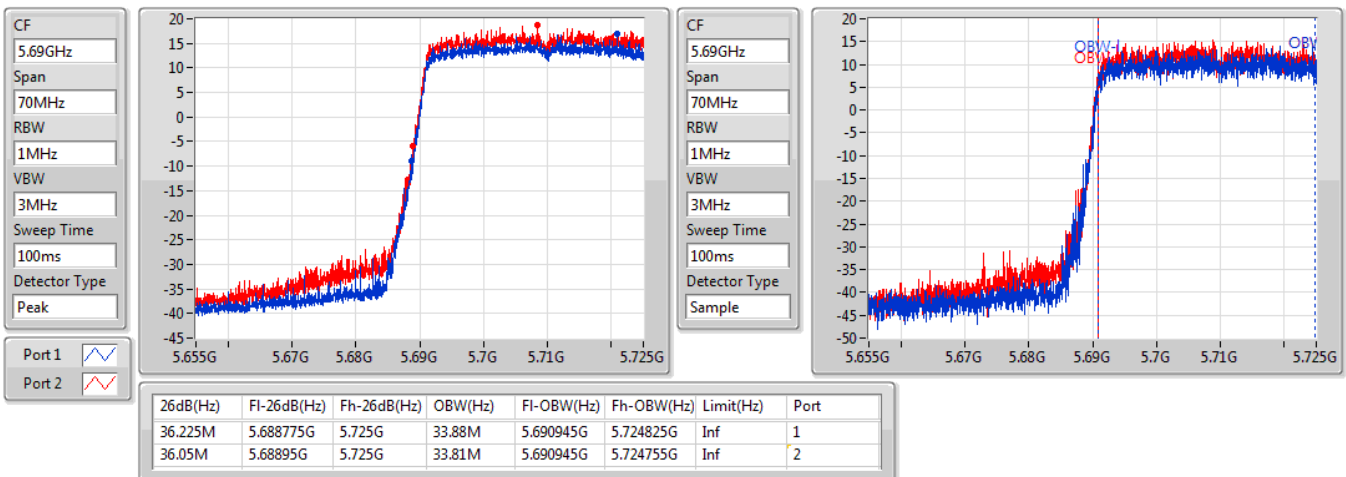


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5670MHz

26/06/2019

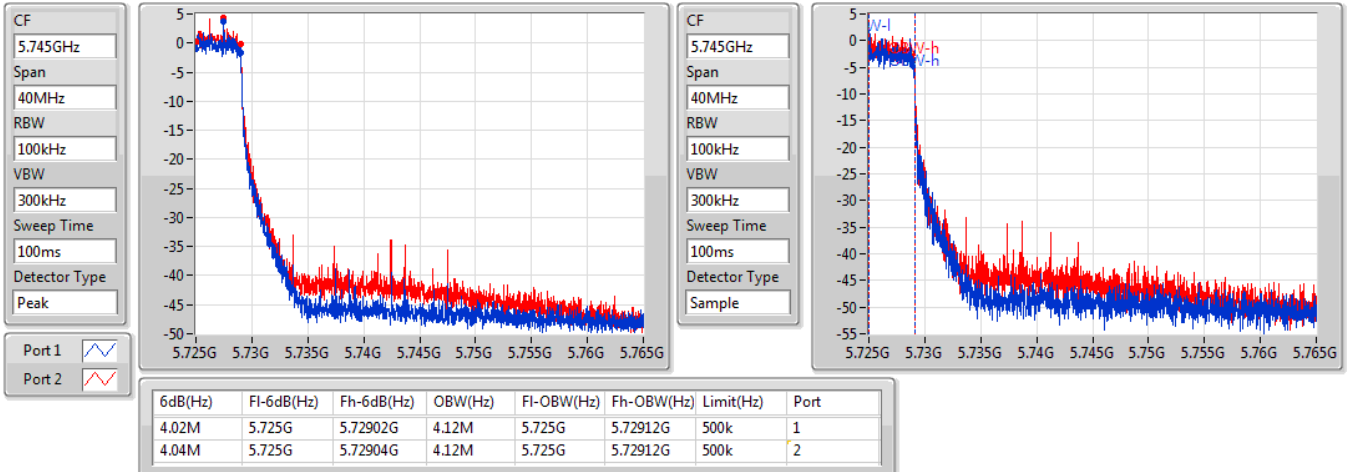

802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.47-5.725GHz

26/06/2019

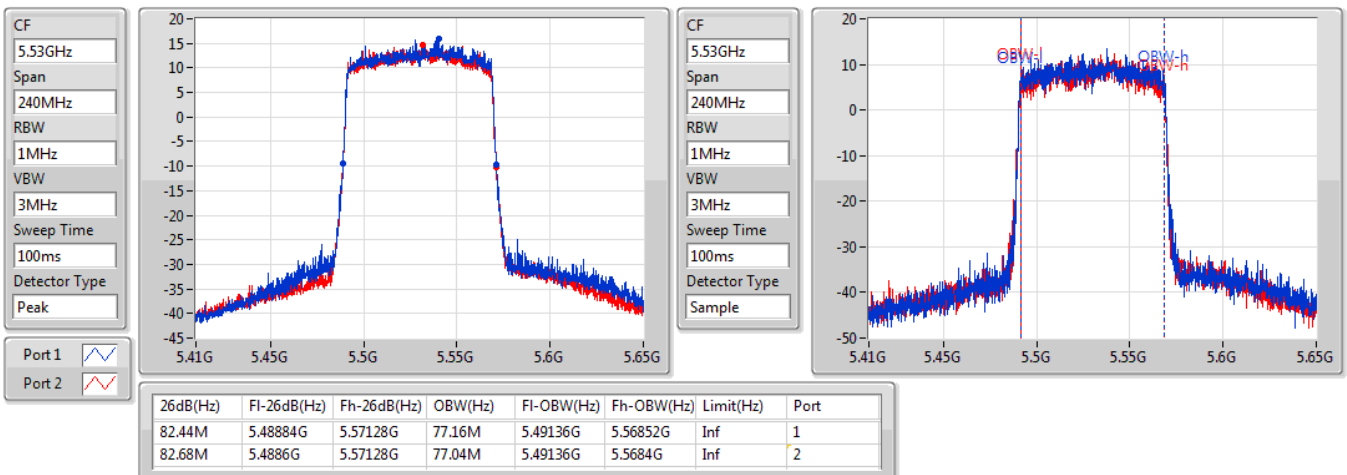


802.11ax HEW40-BF_Nss1,(MCS0)_2TX
EBW
5710MHz Straddle 5.725-5.85GHz

26/06/2019

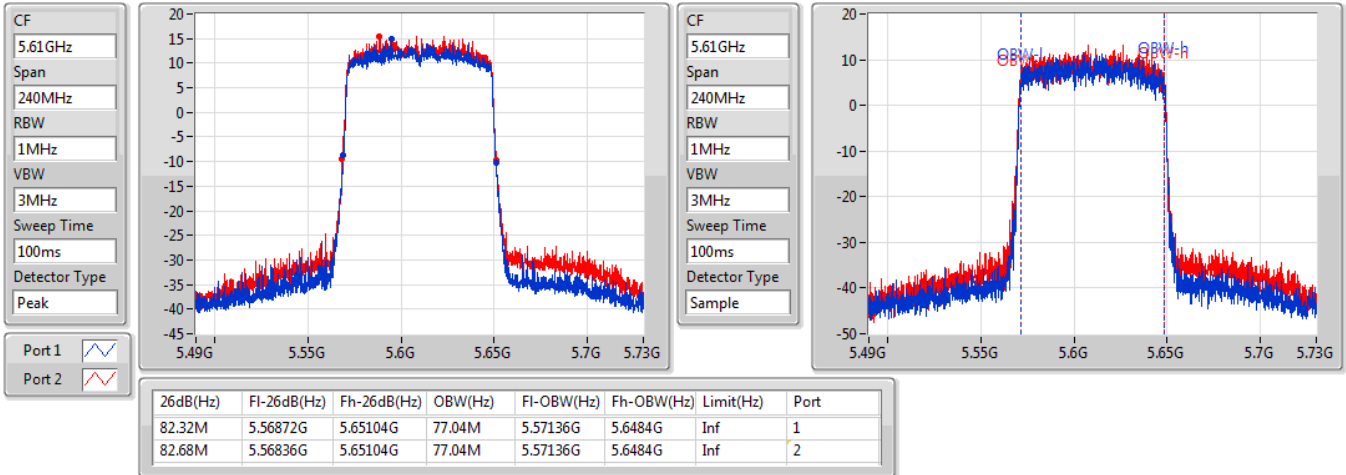

802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5530MHz

26/06/2019

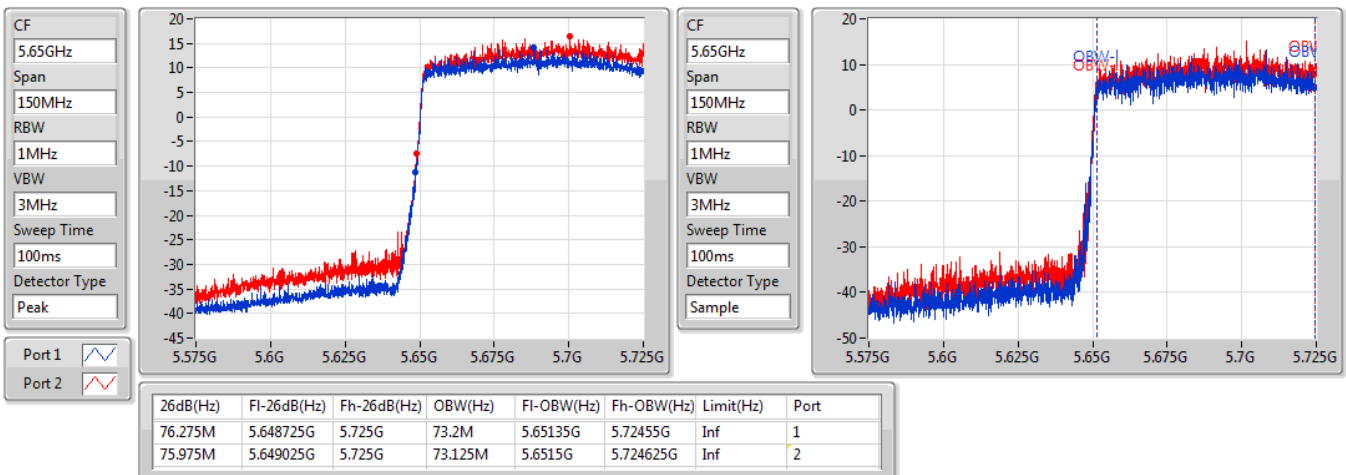


802.11ax HEW80-BF_Nss1,(MCS0)_2TX
EBW
5610MHz

26/06/2019


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

26/06/2019

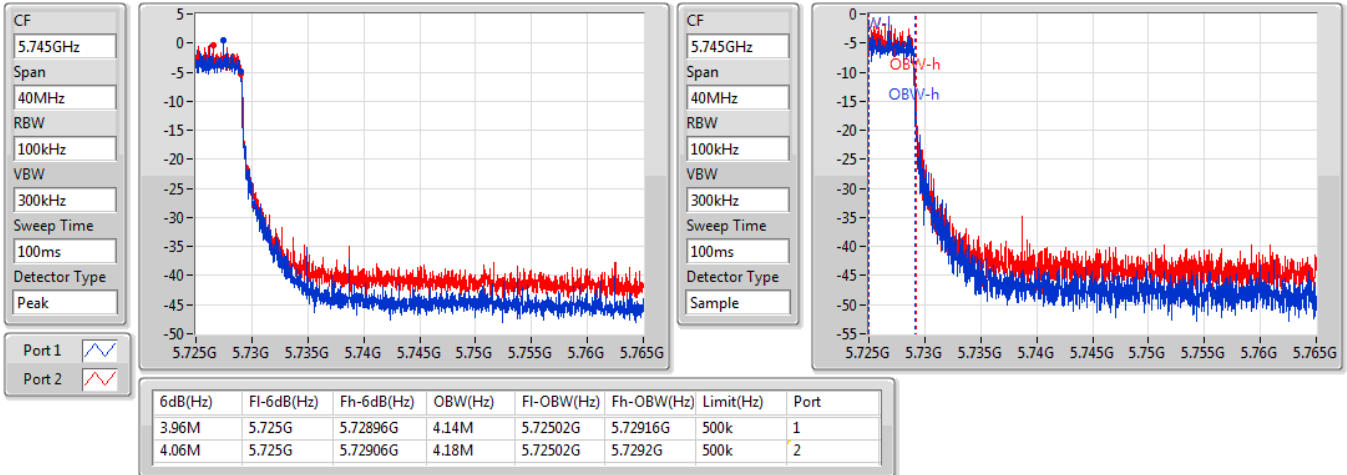


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

EBW

5690MHz Straddle 5.725-5.85GHz

26/06/2019





**For Band 2
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	23.65	0.23174
802.11ax HEW20_Nss1,(MCS0)_4TX	23.73	0.23605
802.11ax HEW40_Nss1,(MCS0)_4TX	23.64	0.23121
802.11ax HEW80_Nss1,(MCS0)_4TX	23.62	0.23014
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.63	0.23067
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.70	0.23442
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.43	0.22029



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.76	17.89	17.83	17.54	17.09	23.62	23.75
5300MHz	Pass	5.76	17.37	17.45	17.28	17.68	23.47	23.79
5320MHz	Pass	5.76	17.56	17.69	17.59	17.69	23.65	23.77
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.76	17.83	17.96	17.59	17.3	23.70	23.98
5300MHz	Pass	5.76	17.64	17.63	17.49	17.8	23.66	23.98
5320MHz	Pass	5.76	17.56	17.6	17.62	18.04	23.73	23.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.76	17.88	17.8	17.49	17.27	23.64	23.98
5310MHz	Pass	5.76	17.48	17.42	17.47	17.58	23.51	23.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.76	17.95	17.72	17.45	17.25	23.62	23.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.76	17.44	18.43	17.28	17.16	23.63	23.98
5300MHz	Pass	5.76	17.07	17	17.31	17.06	23.13	23.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.76	17.64	18.05	17.35	17.04	23.56	23.98
5310MHz	Pass	5.76	16.71	18.23	17.68	17.97	23.70	23.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.76	17.06	17.23	17.48	17.84	23.43	23.98

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

**For Band 3
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.89	0.24491
802.11ax HEW20_Nss1,(MCS0)_2TX	23.93	0.24717
802.11ax HEW40_Nss1,(MCS0)_2TX	23.90	0.24547
802.11ax HEW80_Nss1,(MCS0)_2TX	23.82	0.24099
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.96	0.24889
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.67	0.23281
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.74	0.23659
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	17.02	0.05035
802.11ax HEW20_Nss1,(MCS0)_2TX	18.37	0.06871
802.11ax HEW40_Nss1,(MCS0)_2TX	13.60	0.02291
802.11ax HEW80_Nss1,(MCS0)_2TX	10.01	0.01002
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	17.07	0.05093
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	12.60	0.01820
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.11	0.00815

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5500MHz	Pass	2.96	21.1	20.52	23.83	23.98
5580MHz	Pass	2.96	21.01	20.75	23.89	23.98
5700MHz	Pass	2.96	20.61	21.03	23.84	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.96	19.57	20.13	22.87	22.98
5720MHz Straddle 5.725-5.85GHz	Pass	2.96	13.82	14.2	17.02	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	2.96	20.85	20.21	23.55	23.98
5580MHz	Pass	2.96	20.67	20.54	23.62	23.98
5700MHz	Pass	2.96	20.57	21.25	23.93	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.96	20.20	18.89	22.60	22.92
5720MHz Straddle 5.725-5.85GHz	Pass	2.96	15.2	15.51	18.37	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	2.96	20.95	20.53	23.76	23.98
5550MHz	Pass	2.96	20.9	20.87	23.90	23.98
5670MHz	Pass	2.96	21.08	20.56	23.84	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.96	20.38	20.85	23.63	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.96	10.34	10.83	13.60	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	2.96	20.87	20.57	23.73	23.98
5610MHz	Pass	2.96	20.64	20.98	23.82	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.96	20.66	20.77	23.73	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.96	6.8	7.2	10.01	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	2.96	20.95	20.9	23.94	23.98
5580MHz	Pass	2.96	20.64	21.03	23.85	23.98
5700MHz	Pass	2.96	19.84	21.83	23.96	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.96	18.75	20.39	22.66	22.97
5720MHz Straddle 5.725-5.85GHz	Pass	2.96	13.13	14.83	17.07	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	2.96	20.68	20.63	23.67	23.98
5550MHz	Pass	2.96	20.56	20.63	23.61	23.98
5670MHz	Pass	2.96	19.52	21.42	23.58	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.96	19.52	21.15	23.42	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.96	9.18	9.96	12.60	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	2.96	20.57	20	23.30	23.98
5610MHz	Pass	2.96	20.07	21.06	23.60	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.96	19.73	21.55	23.74	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.96	5.68	6.49	9.11	30.00

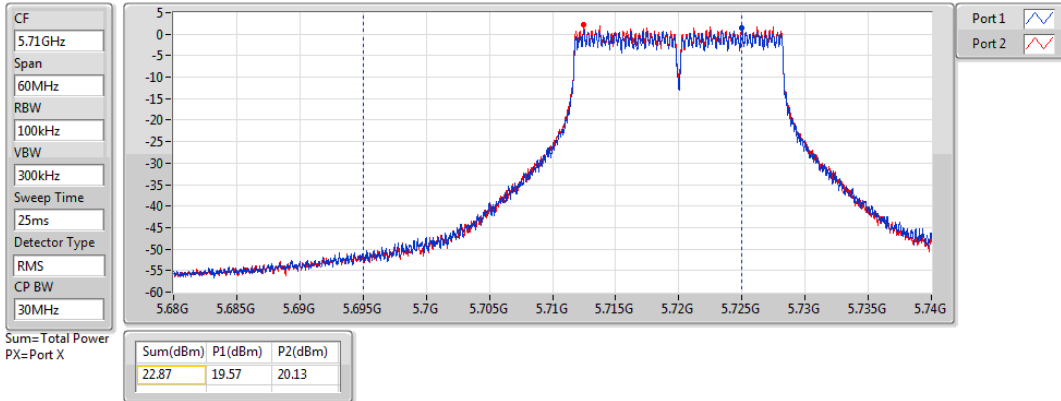
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

25/06/2019

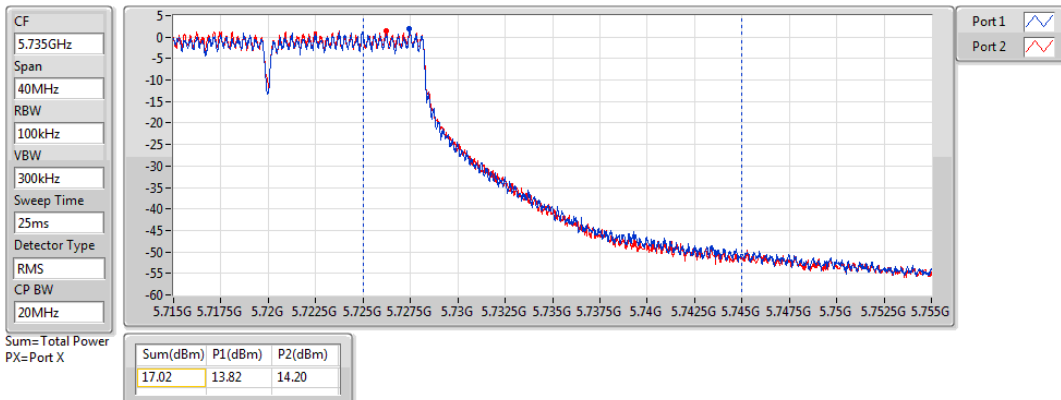


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

25/06/2019

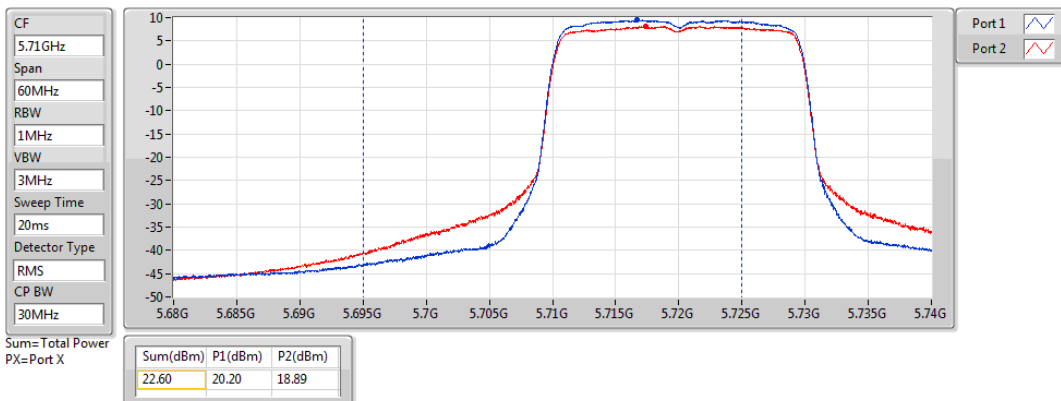


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

29/06/2019



802.11ax HEW20_Nss1,(MCS0)_2TX

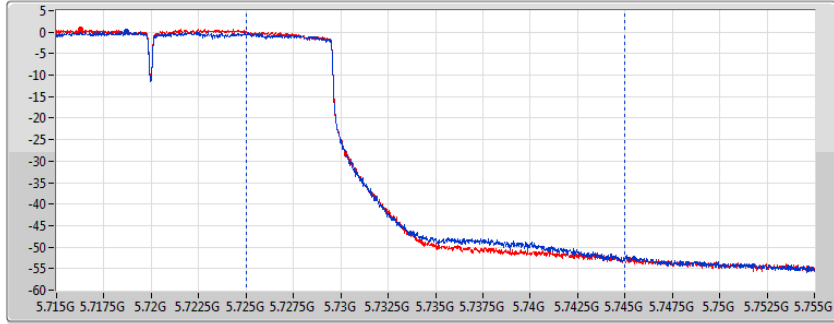
AV Power

5720MHz Straddle 5.725-5.85GHz

25/06/2019

CF
5.735GHz
Span
40MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
20MHz

Sum=Total Power
PX=Port X



Port 1
Port 2

Sum(dBm)	P1(dBm)	P2(dBm)
18.37	15.20	15.51

802.11ax HEW40_Nss1,(MCS0)_2TX

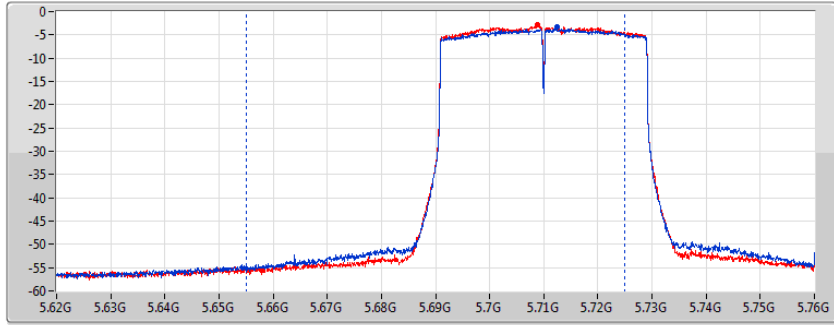
AV Power

5710MHz Straddle 5.47-5.725GHz

25/06/2019

CF
5.69GHz
Span
140MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
70MHz

Sum=Total Power
PX=Port X



Port 1
Port 2

Sum(dBm)	P1(dBm)	P2(dBm)
23.63	20.38	20.85

802.11ax HEW40_Nss1,(MCS0)_2TX

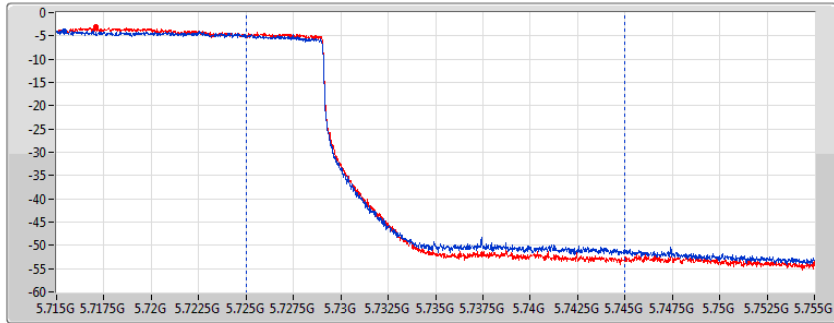
AV Power

5710MHz Straddle 5.725-5.85GHz

25/06/2019

CF
5.735GHz
Span
40MHz
RBW
100kHz
VBW
300kHz
Sweep Time
25ms
Detector Type
RMS
CP BW
20MHz

Sum=Total Power
PX=Port X



Port 1
Port 2

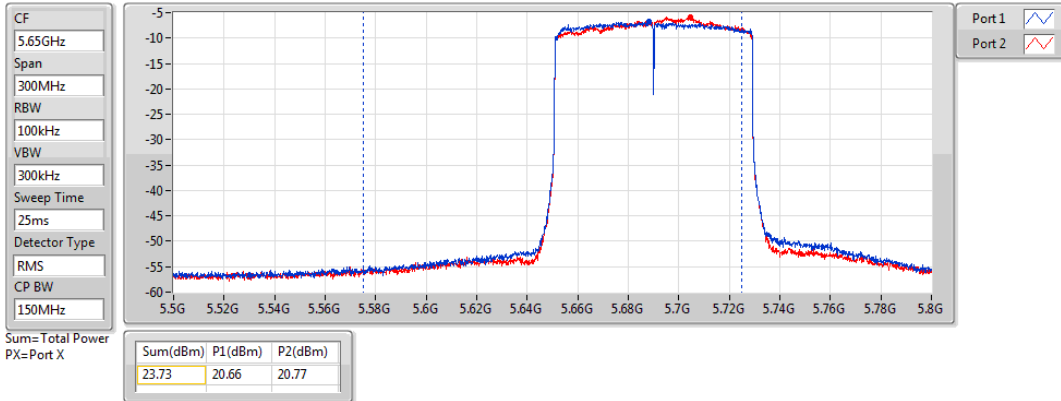
Sum(dBm)	P1(dBm)	P2(dBm)
13.60	10.34	10.83

802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

25/06/2019

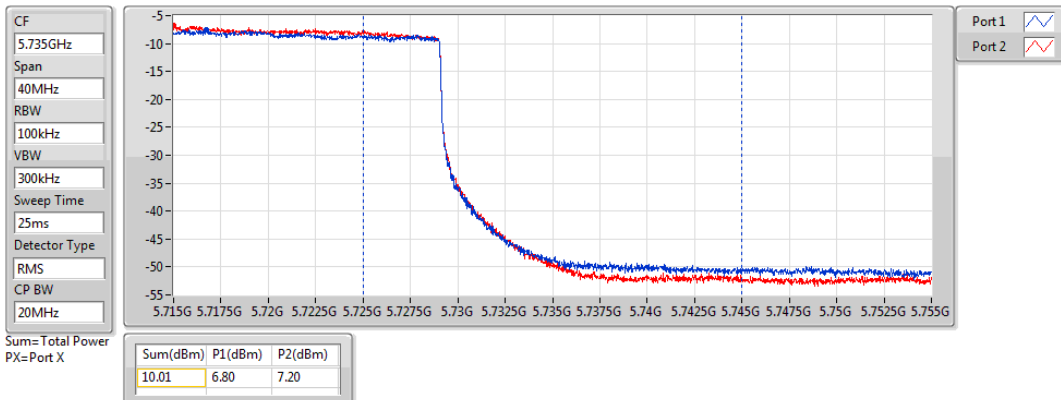


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

25/06/2019

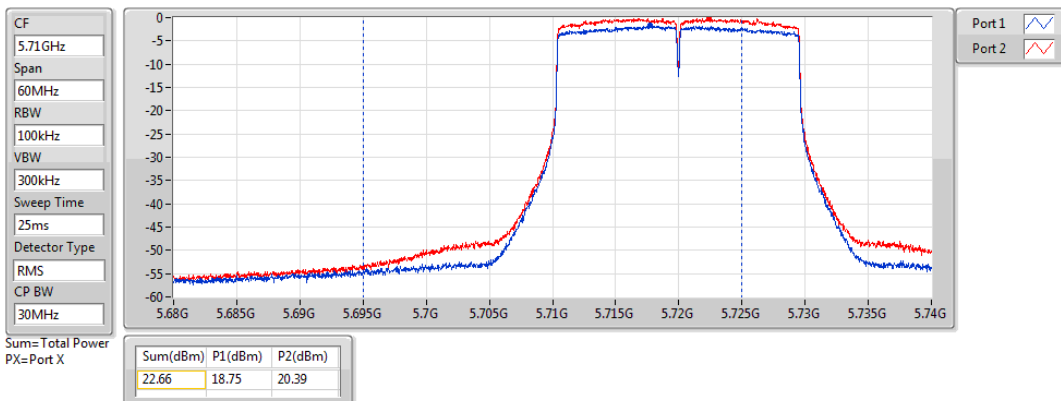


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

26/06/2019

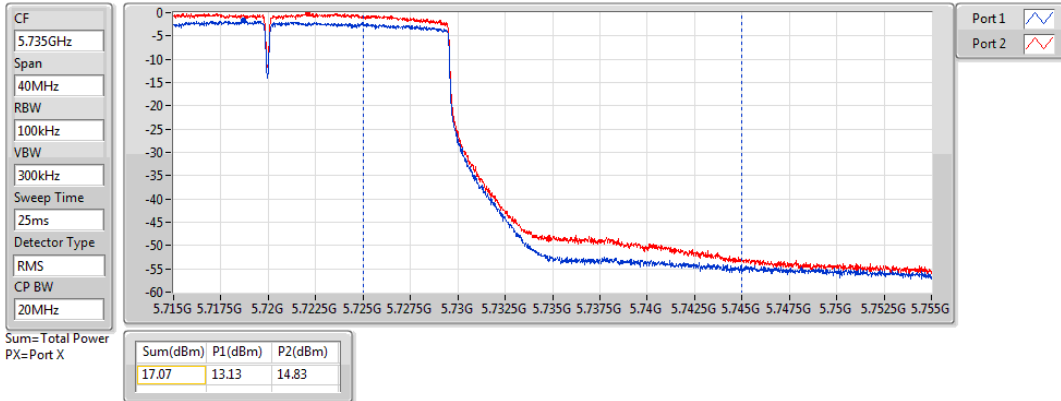


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

26/06/2019

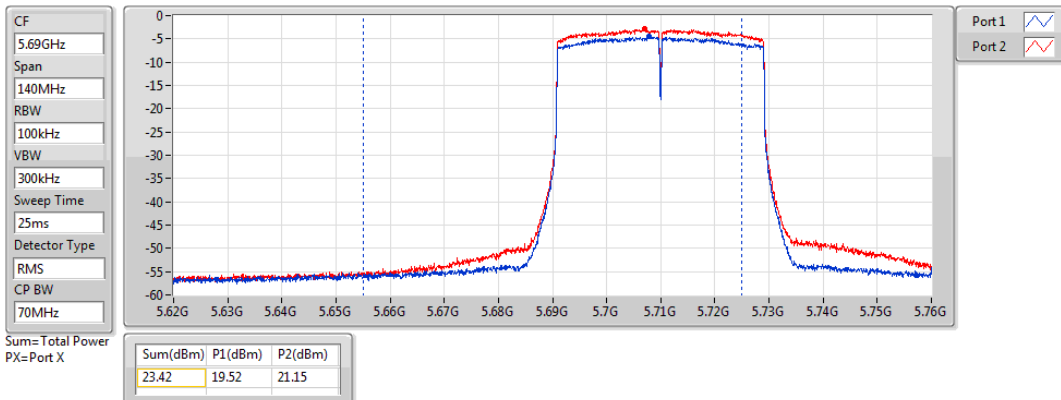


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

26/06/2019

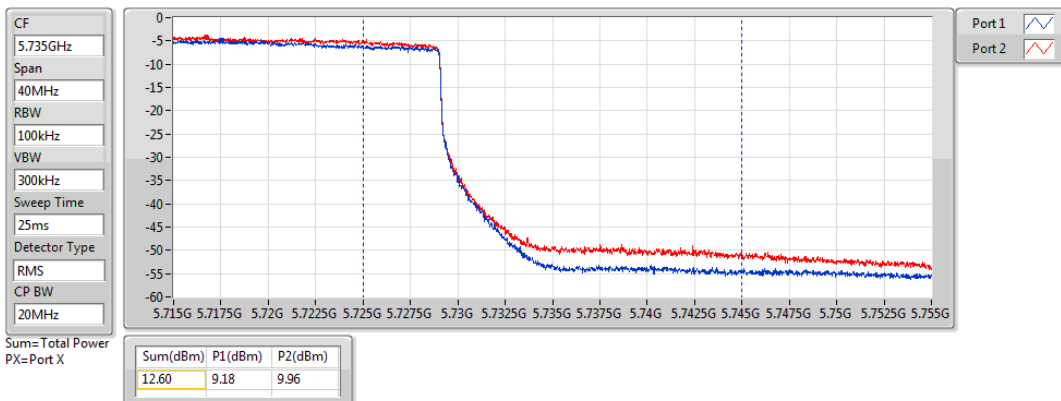


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

26/06/2019

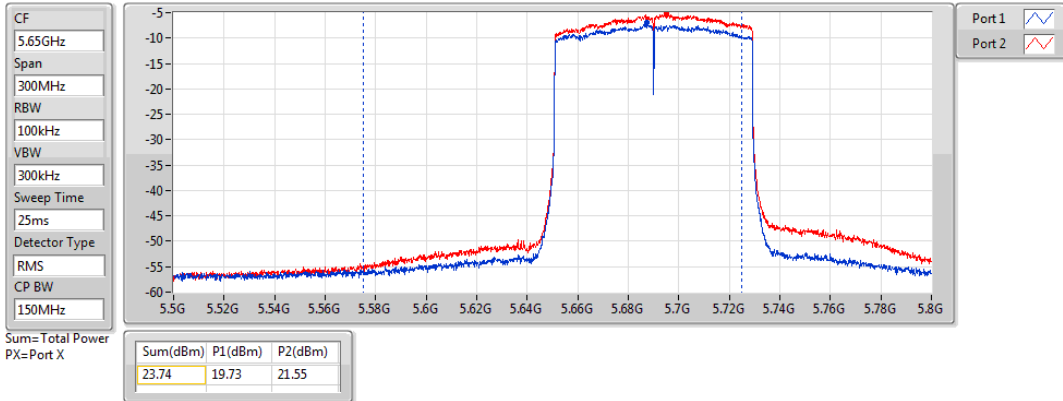


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

26/06/2019

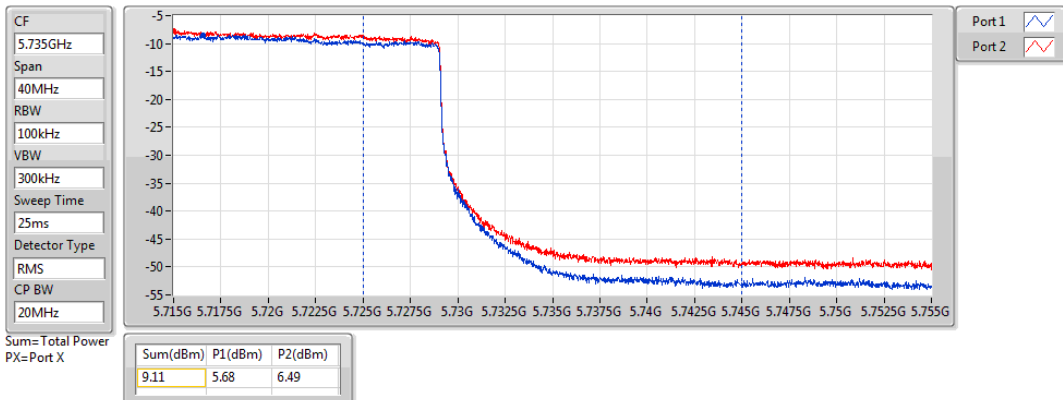


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

26/06/2019



**For Band 2
Summary**

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.44
802.11ax HEW20_Nss1,(MCS0)_4TX	9.83
802.11ax HEW40_Nss1,(MCS0)_4TX	6.68
802.11ax HEW80_Nss1,(MCS0)_4TX	4.42
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.84
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.54
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.01

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.76	4.84	4.85	4.49	3.84	10.44	11.00
5300MHz	Pass	5.76	4.06	4.25	4.19	4.49	10.15	11.00
5320MHz	Pass	5.76	4.36	4.45	4.25	4.47	10.12	11.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.76	4.2	4.57	3.93	3.56	9.83	11.00
5300MHz	Pass	5.76	3.66	4.06	3.75	4.09	9.72	11.00
5320MHz	Pass	5.76	3.99	3.95	3.6	4.26	9.71	11.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.76	1.38	1.28	0.8	0.64	6.66	11.00
5310MHz	Pass	5.76	0.81	0.73	0.82	1.16	6.68	11.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.76	-1.31	-1.06	-2.08	-0.81	4.42	11.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.76	3.79	4.1	3.67	3.88	9.72	11.00
5300MHz	Pass	5.76	3.9	4.2	4.2	3.88	9.84	11.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.76	1.58	2.3	1.58	1.86	7.47	11.00
5310MHz	Pass	5.76	0.7	2.11	2.01	2.06	7.54	11.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.76	-1.83	-0.53	-0.85	-0.46	5.01	11.00

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

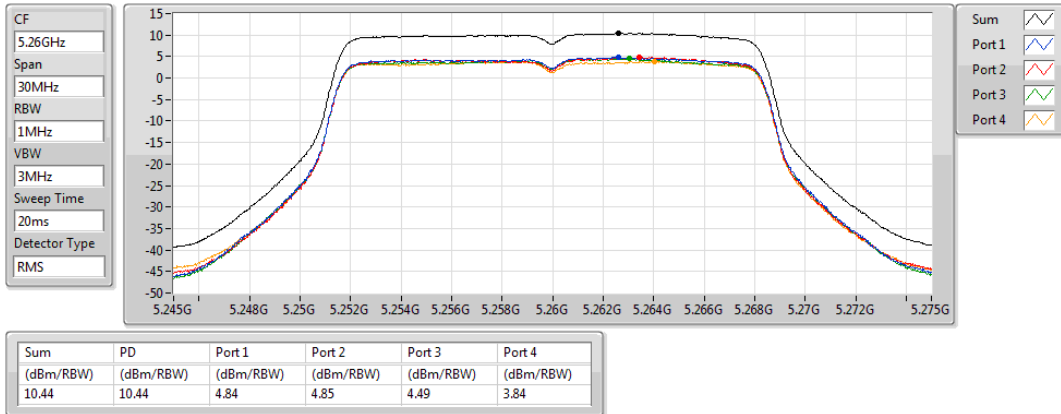
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

17/06/2019

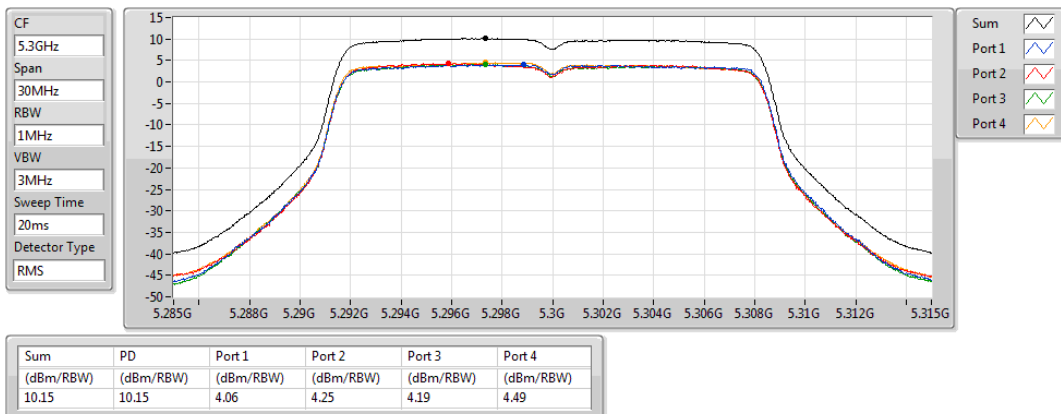


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

17/06/2019

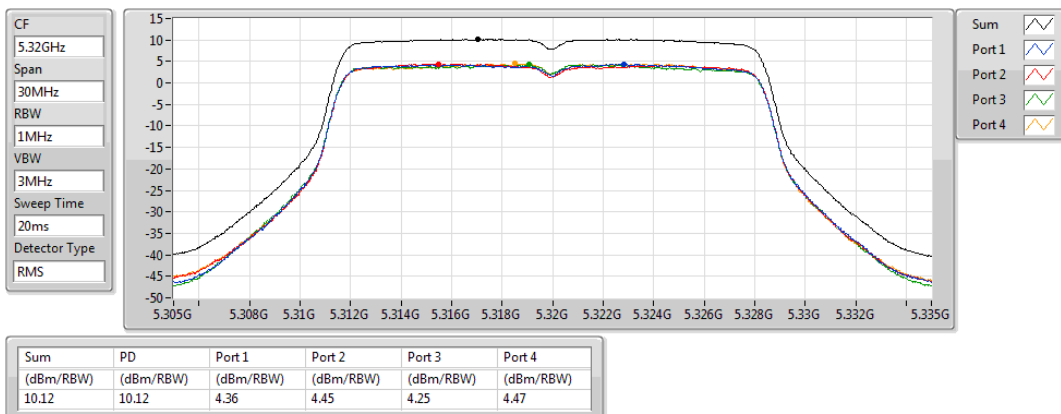


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

17/06/2019

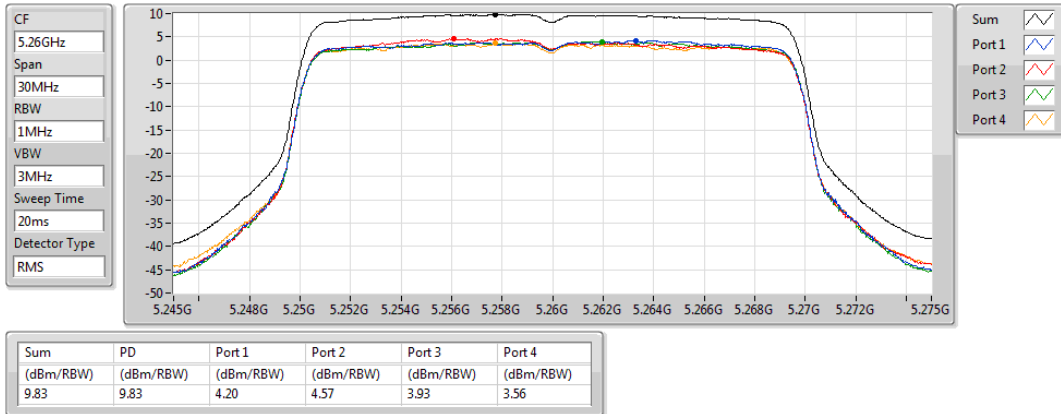


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

17/06/2019

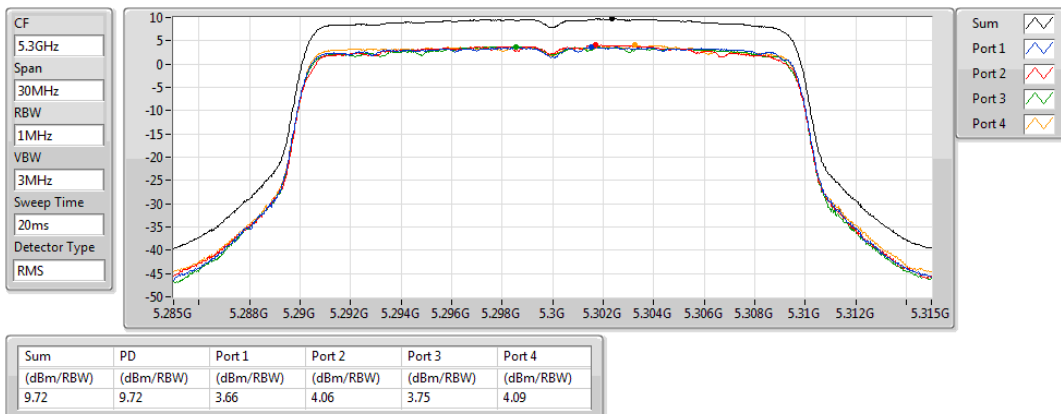


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

17/06/2019

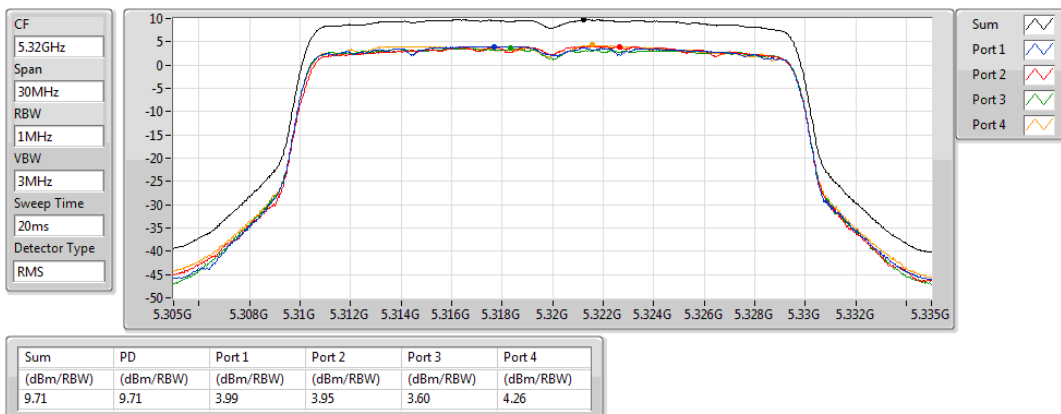


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

17/06/2019

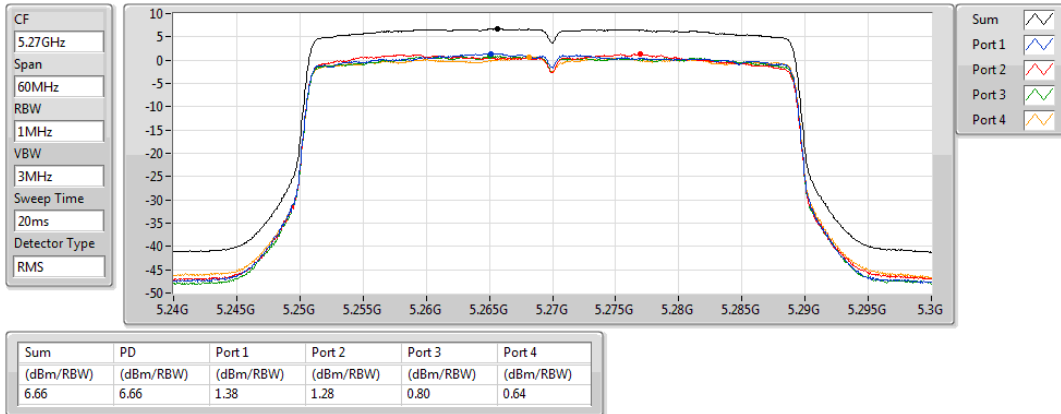


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

17/06/2019

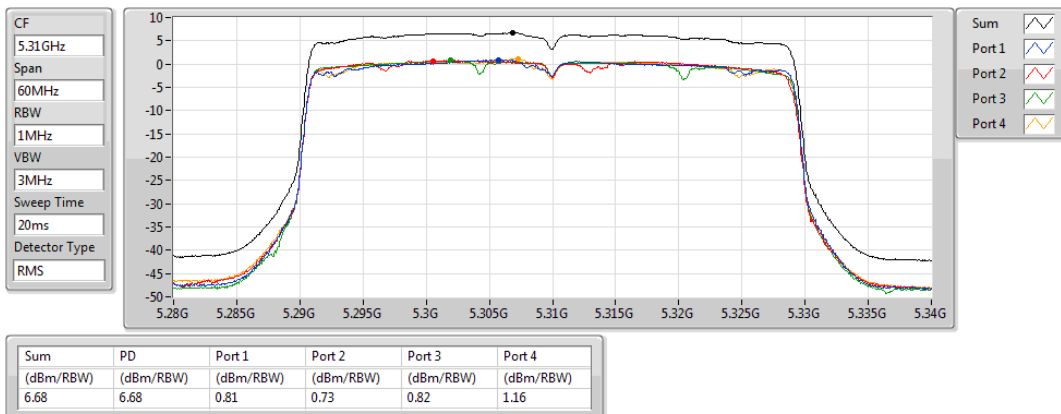


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

17/06/2019

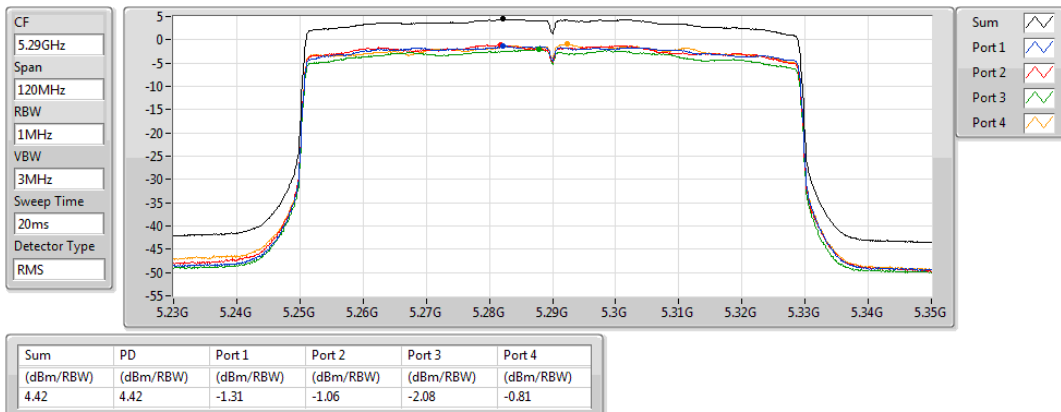


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

17/06/2019

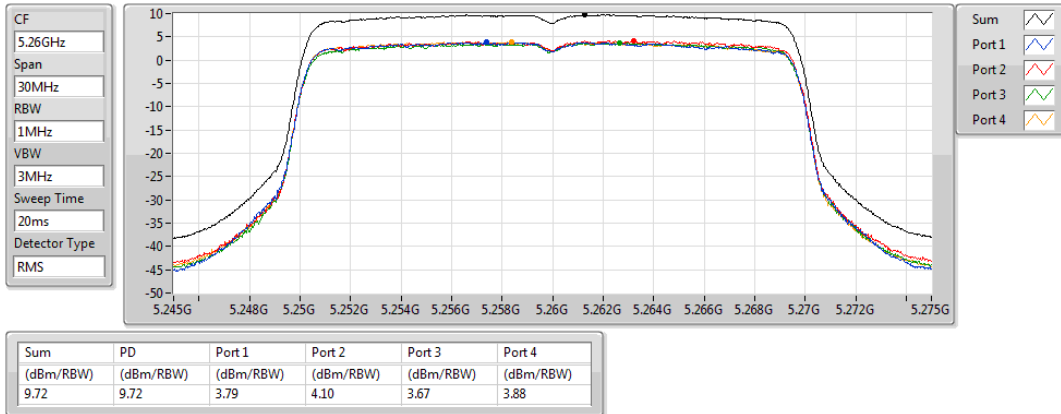


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

18/06/2019

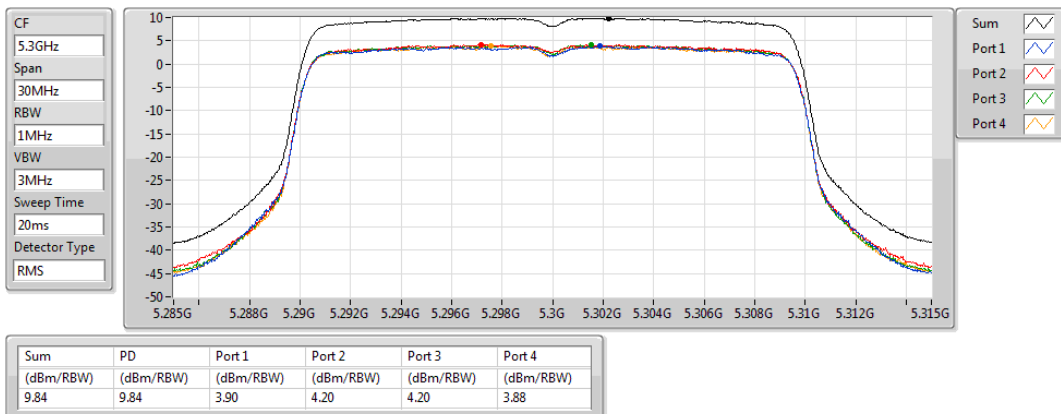


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

18/06/2019

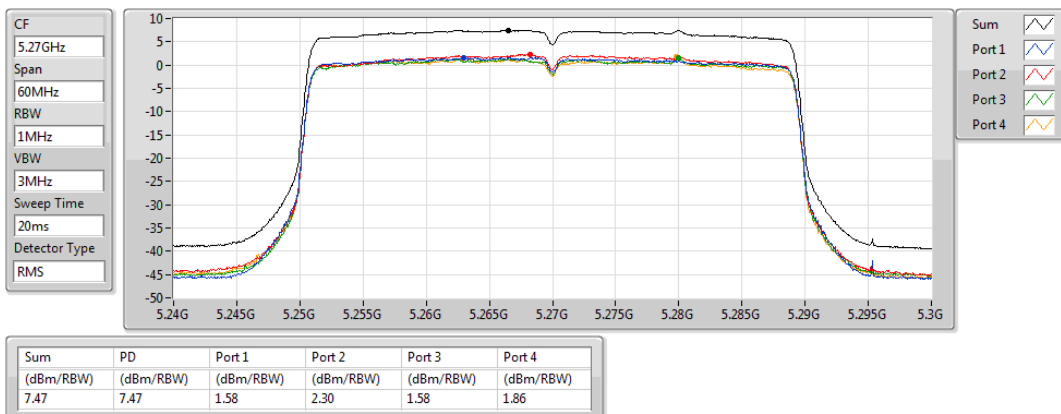


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

18/06/2019

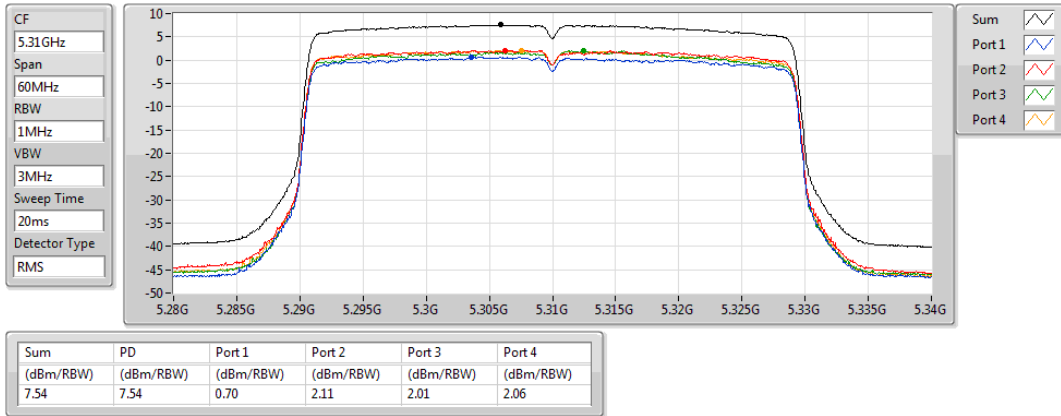


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

18/06/2019

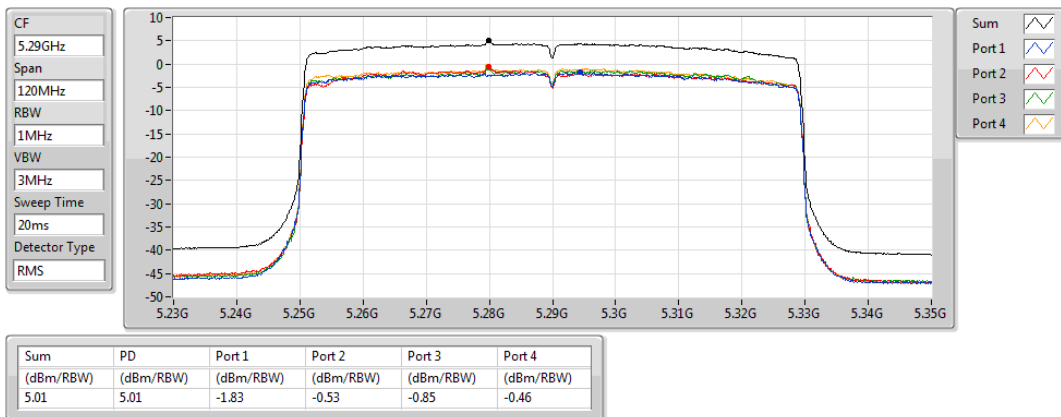


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

18/06/2019



**For Band 3
Summary**

Mode	PD (dBm/RBW)
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.83
802.11ax HEW20_Nss1,(MCS0)_2TX	10.99
802.11ax HEW40_Nss1,(MCS0)_2TX	8.34
802.11ax HEW80_Nss1,(MCS0)_2TX	5.44
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.89
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.88
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.66
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.7
802.11ax HEW20_Nss1,(MCS0)_2TX	7.81
802.11ax HEW40_Nss1,(MCS0)_2TX	3.21
802.11ax HEW80_Nss1,(MCS0)_2TX	-0.34
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.27
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	2.18
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.38

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	-	-	-	-	-	-
5500MHz	Pass	2.96	8.46	7.92	10.73	11.00
5580MHz	Pass	2.96	8.22	7.78	10.83	11.00
5700MHz	Pass	2.96	7.23	7.72	10.35	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.96	7.3	8.02	10.60	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.96	4.82	5.38	7.70	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	2.96	8.55	7.9	10.99	11.00
5580MHz	Pass	2.96	8.02	7.9	10.79	11.00
5700MHz	Pass	2.96	7.79	8.3	10.89	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.96	7.89	6.63	10.23	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.96	4.44	5.18	7.81	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	2.96	5.89	5.32	8.34	11.00
5550MHz	Pass	2.96	5.55	5.46	8.28	11.00
5670MHz	Pass	2.96	5.11	4.61	7.82	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.96	4.12	4.69	7.36	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.96	-0.01	0.48	3.21	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	2.96	2.44	2.67	5.44	11.00
5610MHz	Pass	2.96	1.88	2.4	5.05	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.96	0.77	1.71	4.24	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.96	-3.6	-3.01	-0.34	30.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5500MHz	Pass	2.96	8.06	8.18	10.89	11.00
5580MHz	Pass	2.96	7.49	7.91	10.65	11.00
5700MHz	Pass	2.96	6.6	8.4	10.48	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.96	5.97	7.41	9.66	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.96	2.26	4.2	6.27	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5510MHz	Pass	2.96	4.87	5.11	7.79	11.00
5550MHz	Pass	2.96	4.82	5.02	7.88	11.00
5670MHz	Pass	2.96	3.06	5.06	7.09	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.96	3.09	4.65	6.90	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.96	-1.23	-0.19	2.18	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5530MHz	Pass	2.96	1.88	1.64	4.66	11.00
5610MHz	Pass	2.96	0.83	1.85	4.37	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.96	0.07	2.23	4.22	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.96	-4.87	-3.84	-1.38	30.00

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

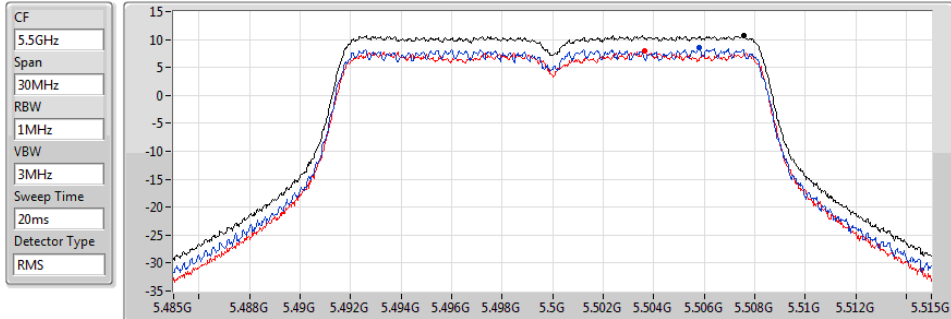
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

25/06/2019



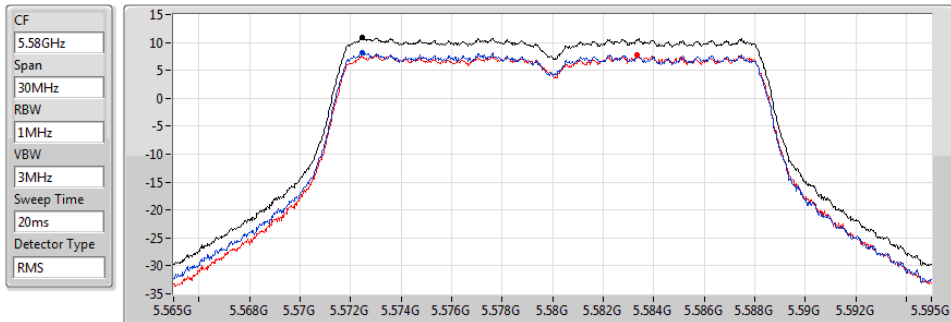
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.73	10.73	8.46	7.92

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

25/06/2019



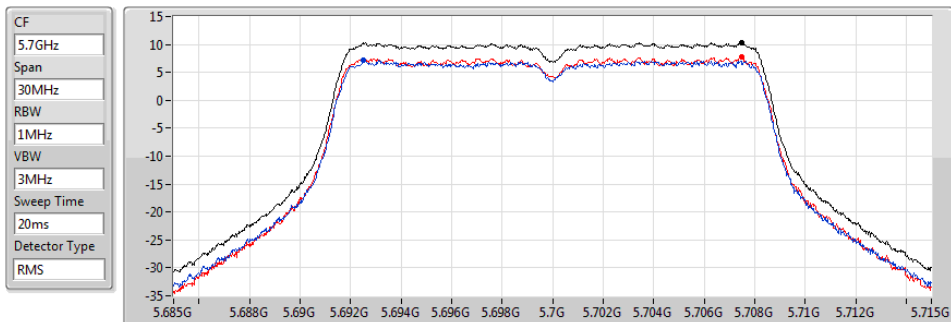
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.83	10.83	8.22	7.78

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

25/06/2019



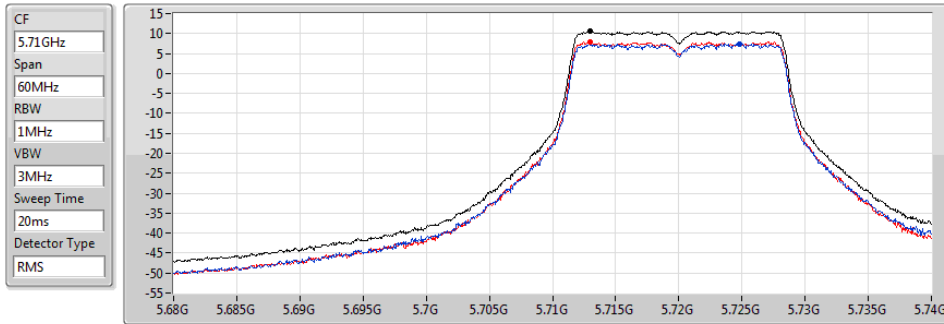
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.35	10.35	7.23	7.72

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

25/06/2019



Sum
Port 1
Port 2

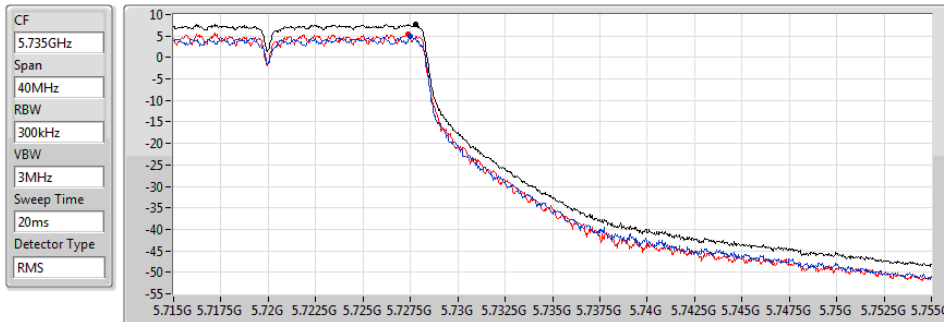
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.60	10.60	7.30	8.02

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/06/2019



Sum
Port 1
Port 2

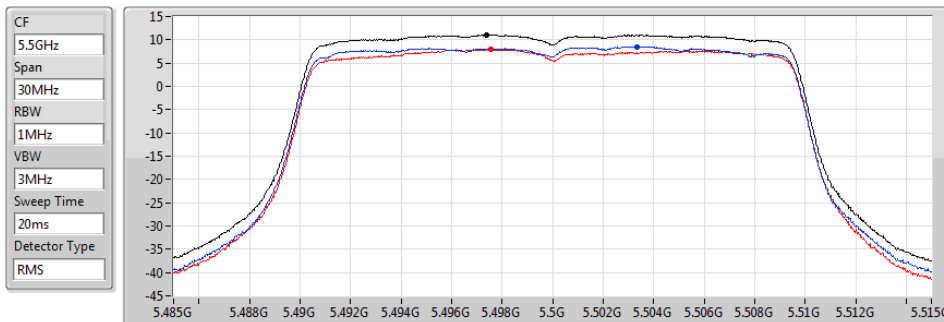
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.70	7.70	4.82	5.38

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

25/06/2019



Sum
Port 1
Port 2

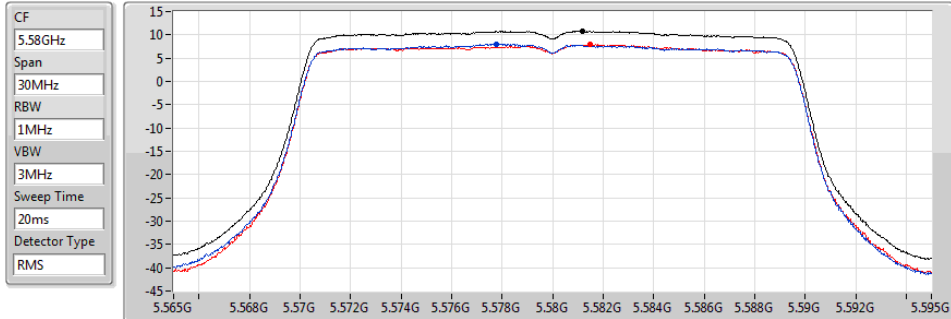
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.99	10.99	8.55	7.90

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

25/06/2019



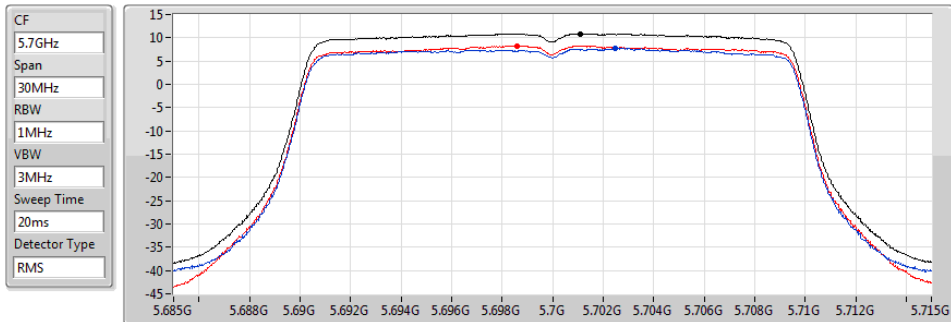
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.79	10.79	8.02	7.90

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

25/06/2019



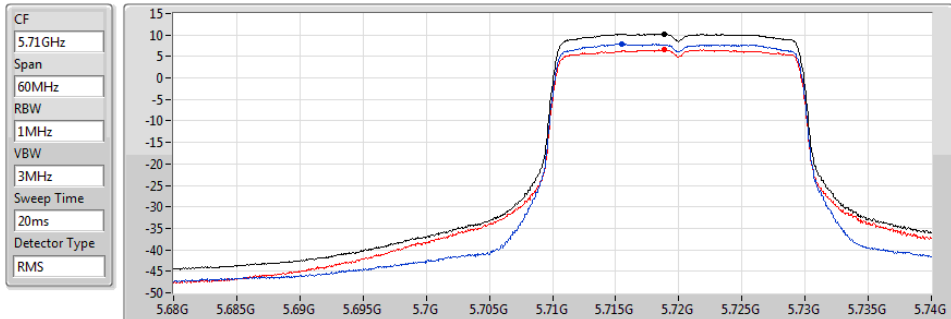
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.89	10.89	7.79	8.30

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

29/06/2019



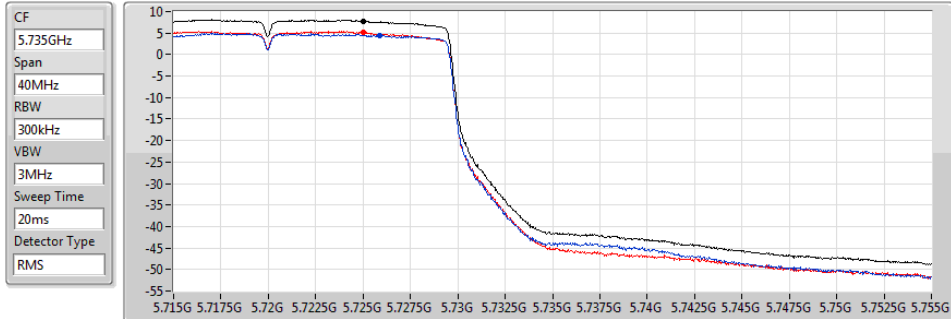
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	7.89	6.63

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

25/06/2019



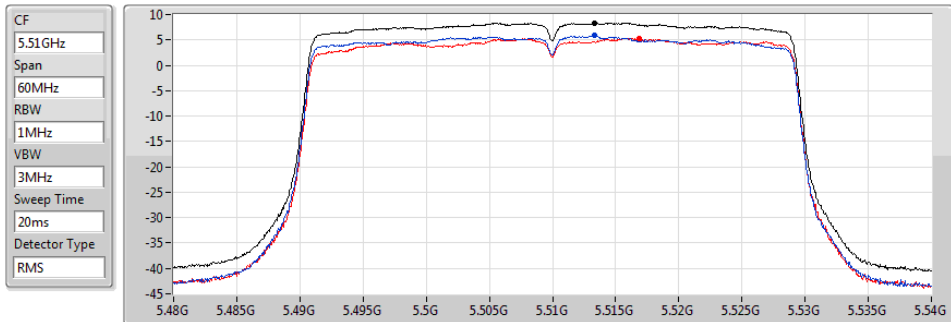
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.81	7.81	4.44	5.18

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

25/06/2019



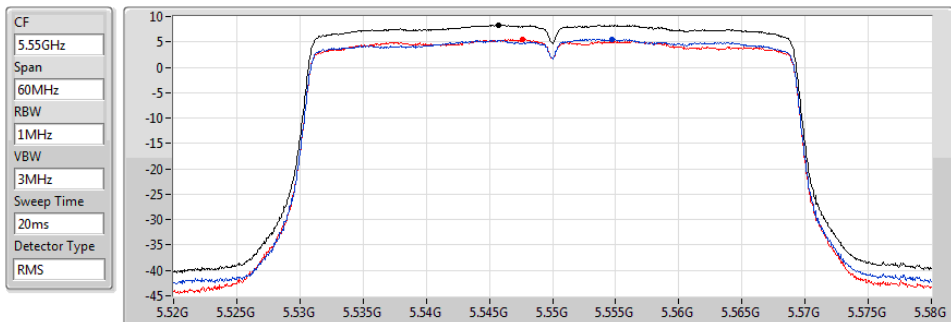
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.34	8.34	5.89	5.32

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

25/06/2019



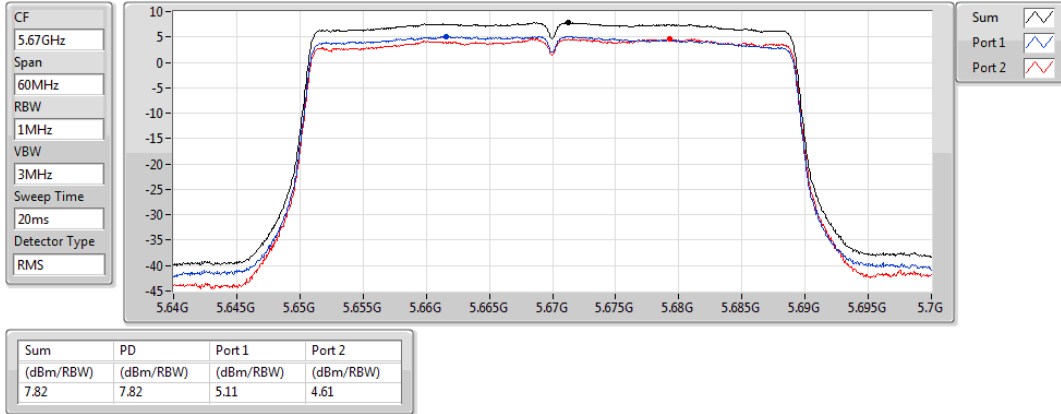
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.28	8.28	5.55	5.46

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

25/06/2019

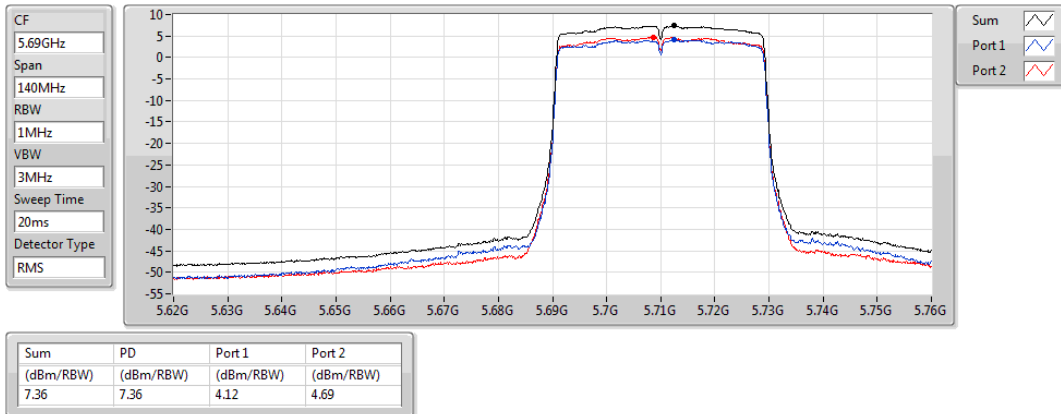


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

25/06/2019

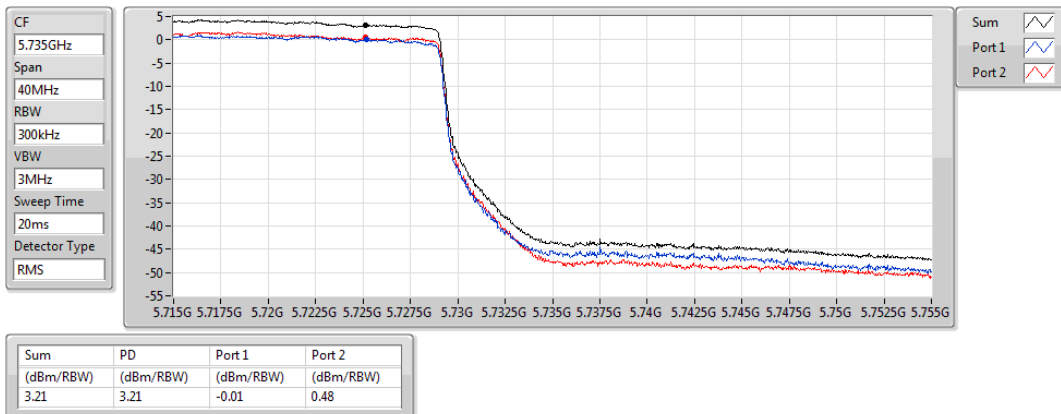


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

25/06/2019

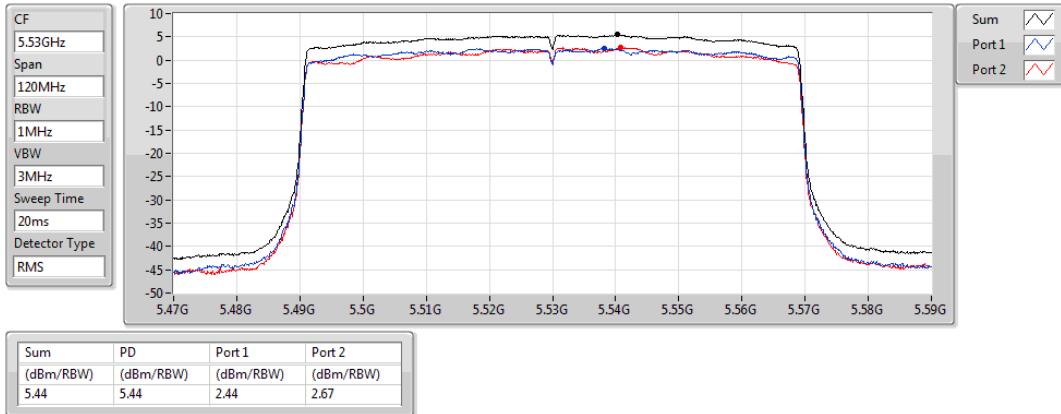


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

25/06/2019

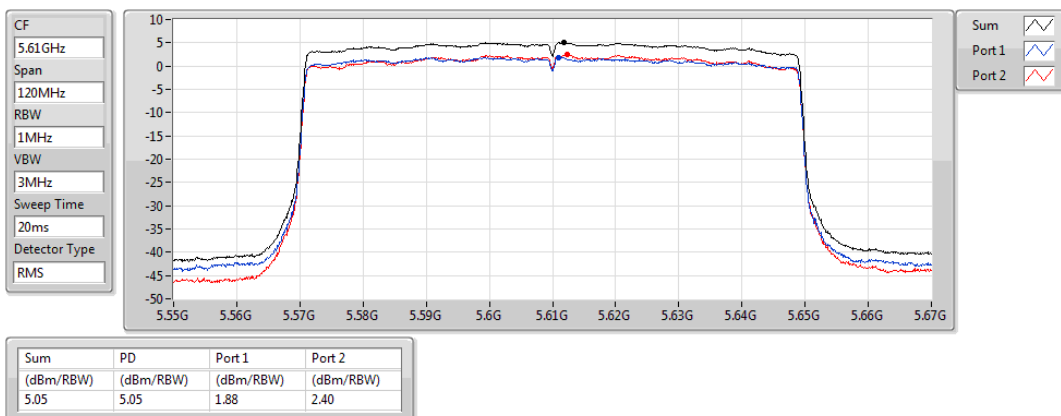


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

25/06/2019

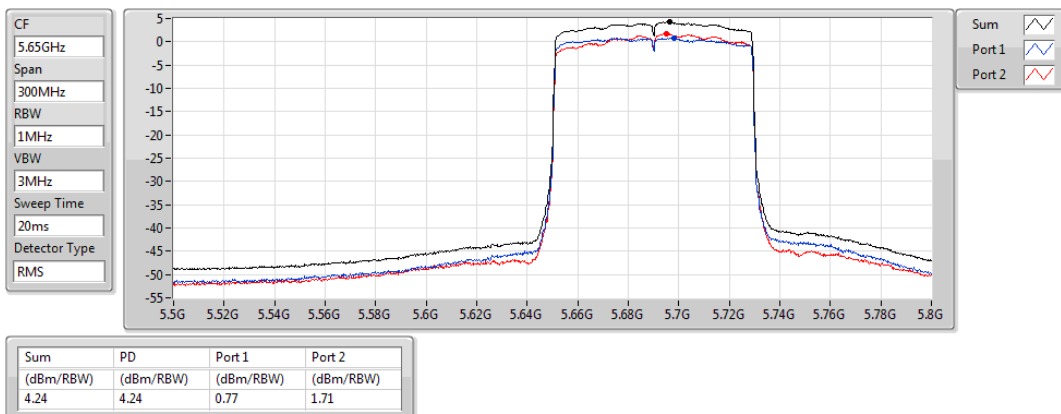


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

25/06/2019

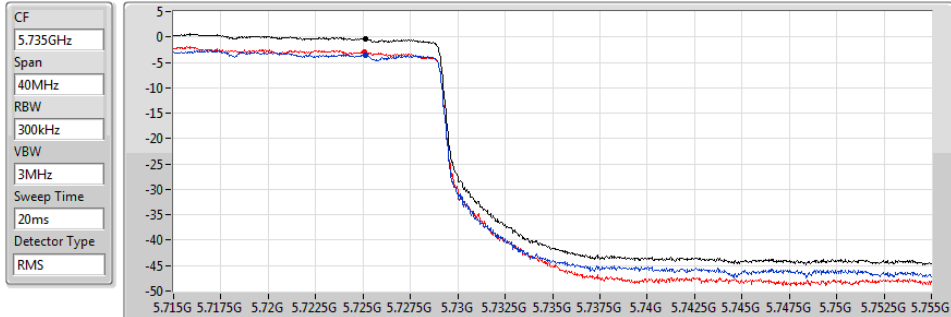


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

25/06/2019



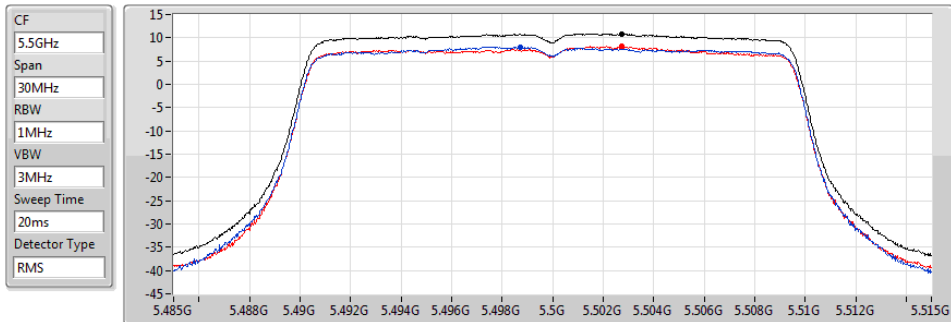
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.34	-0.34	-3.60	-3.01

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

26/06/2019



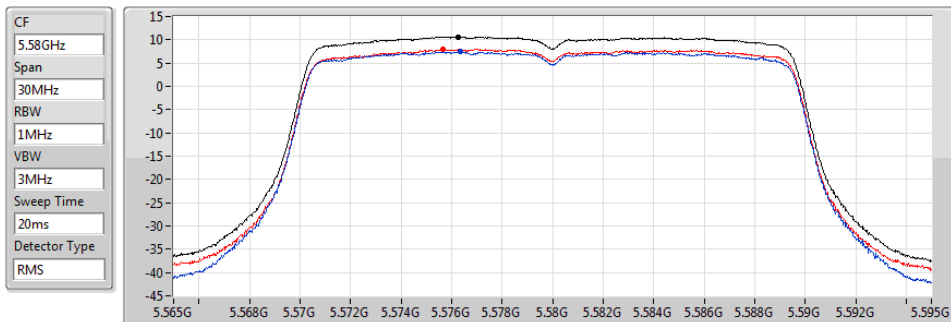
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.89	10.89	8.06	8.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

26/06/2019



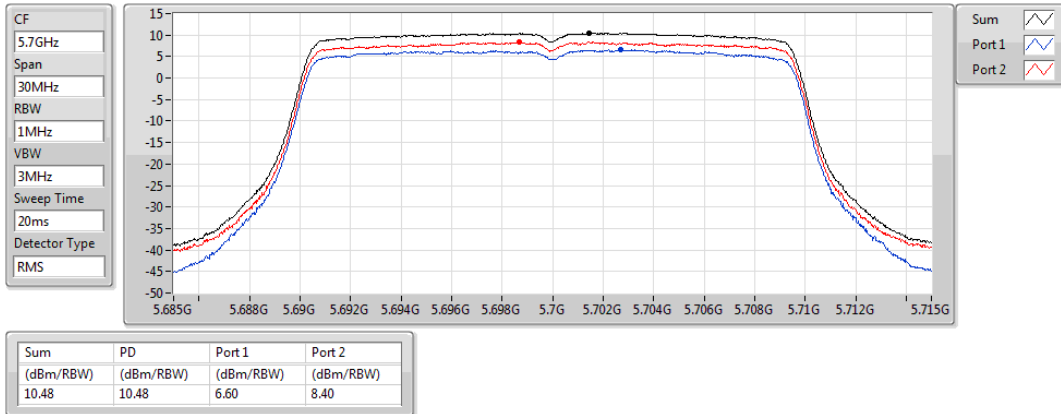
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.65	10.65	7.49	7.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

26/06/2019

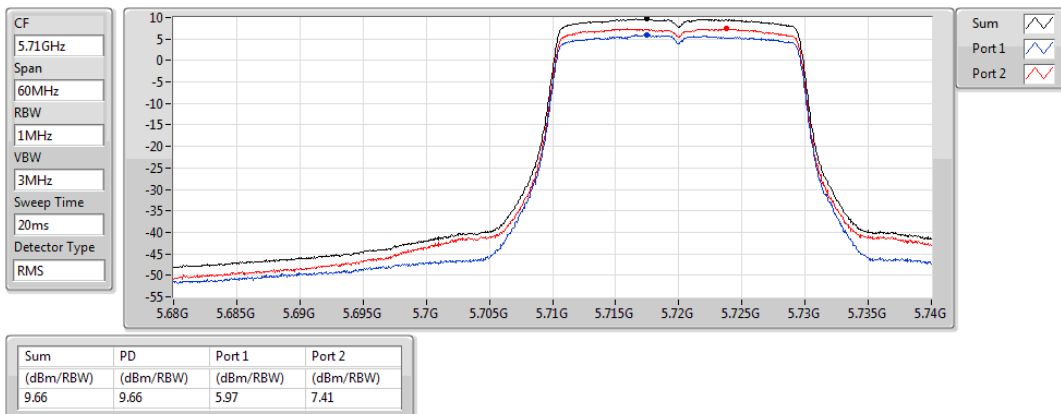


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

26/06/2019

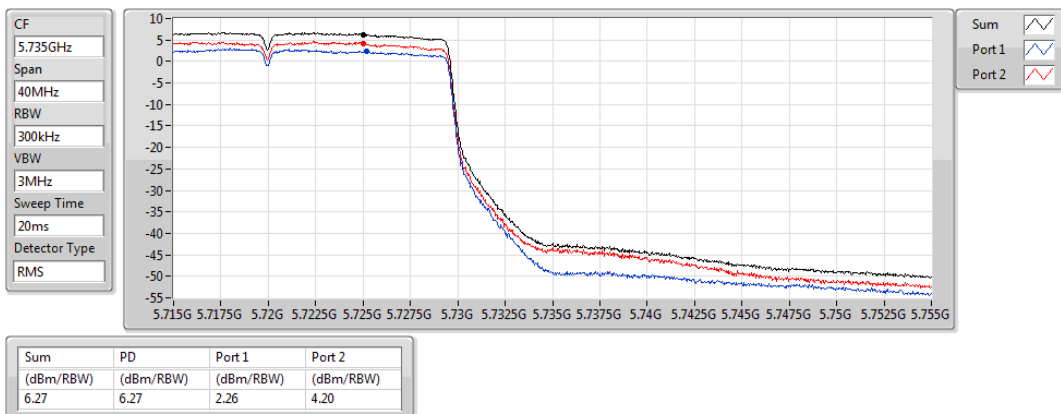


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

26/06/2019

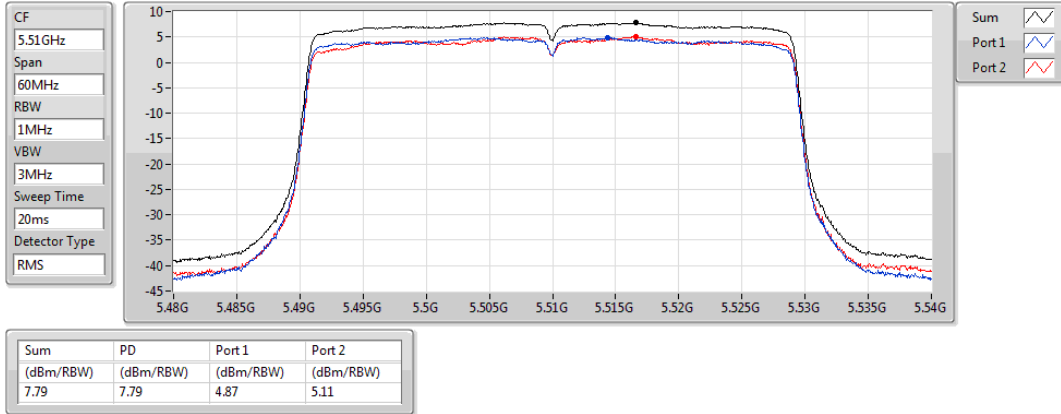


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

26/06/2019

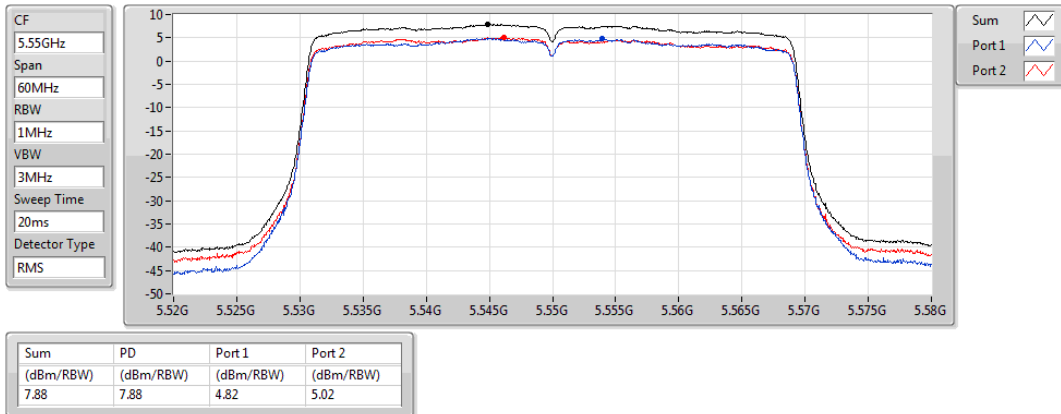


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

26/06/2019

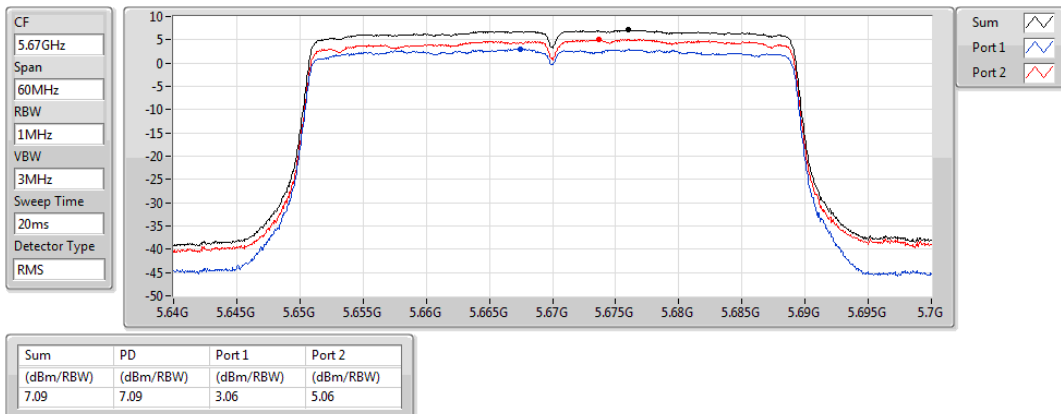


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

26/06/2019

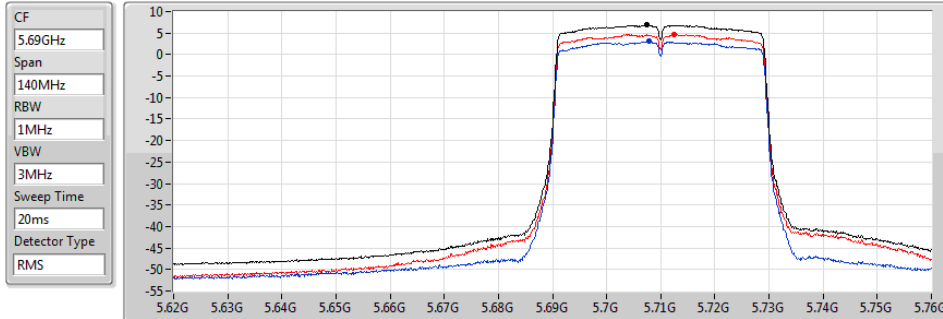


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

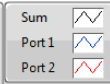
PSD

5710MHz Straddle 5.47-5.725GHz

26/06/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.90	6.90	3.09	4.65

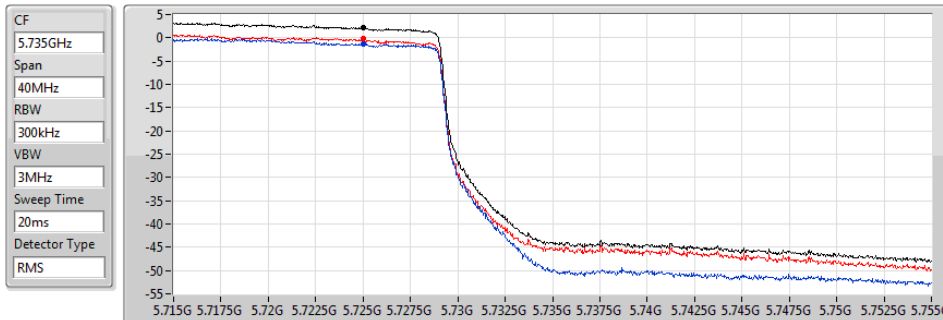


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

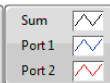
PSD

5710MHz Straddle 5.725-5.85GHz

26/06/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.18	2.18	-1.23	-0.19

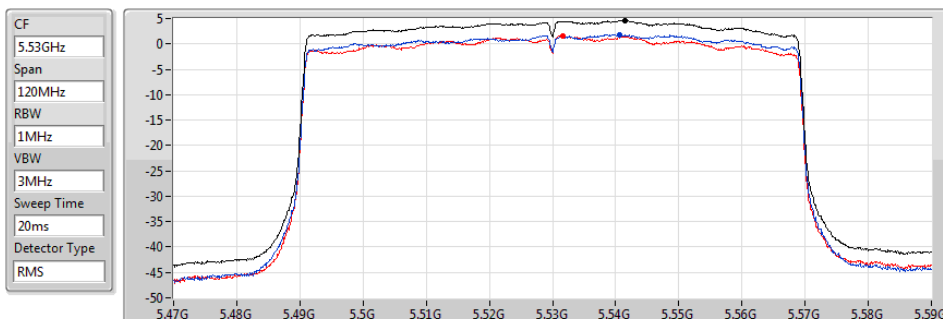


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

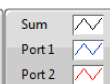
PSD

5530MHz

26/06/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.66	4.66	1.88	1.64

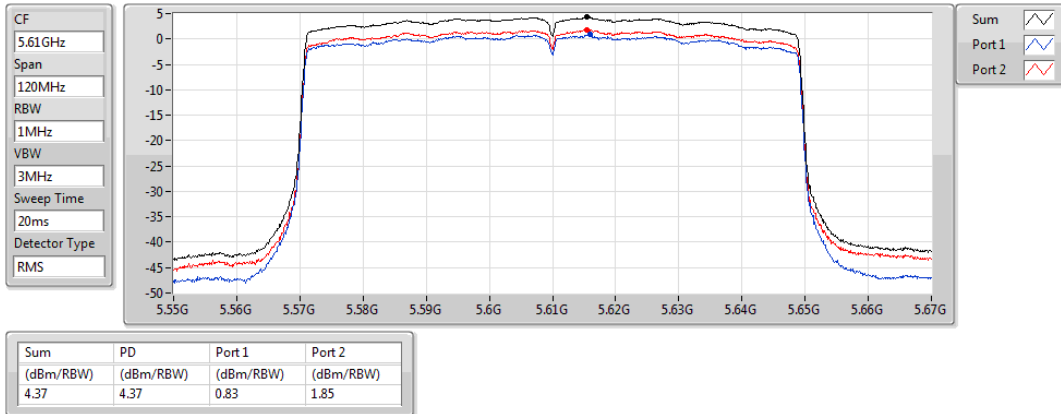


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

26/06/2019

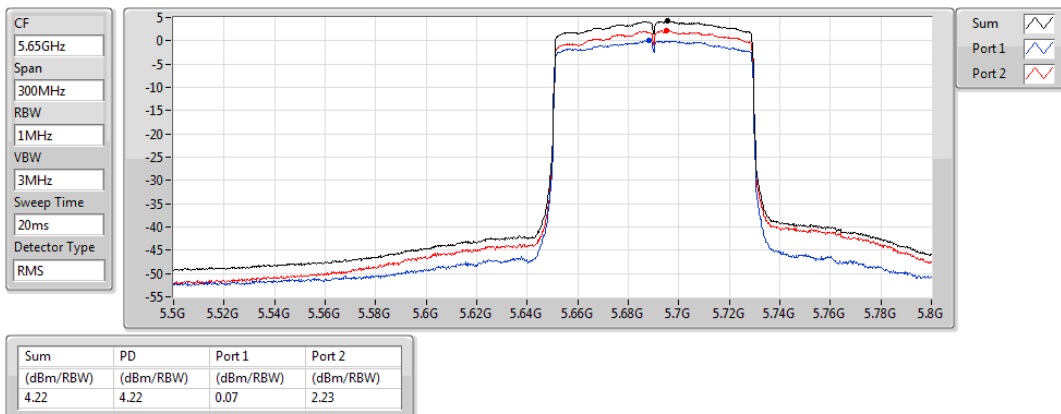


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

26/06/2019

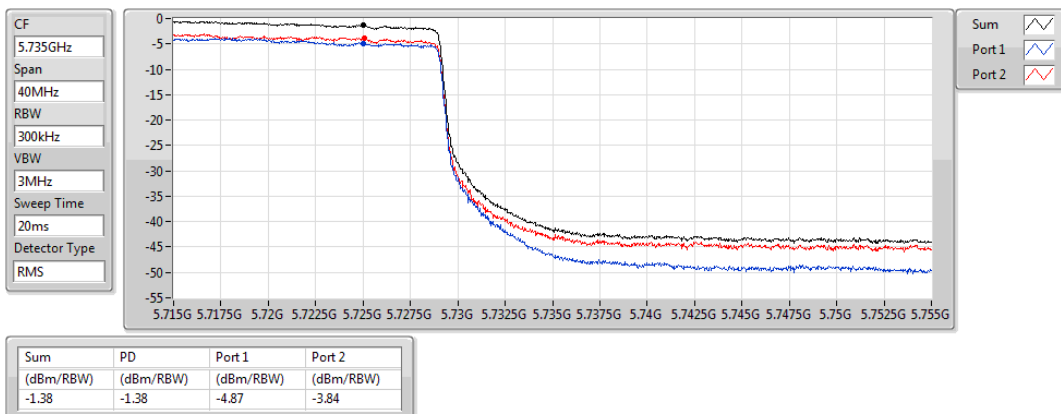


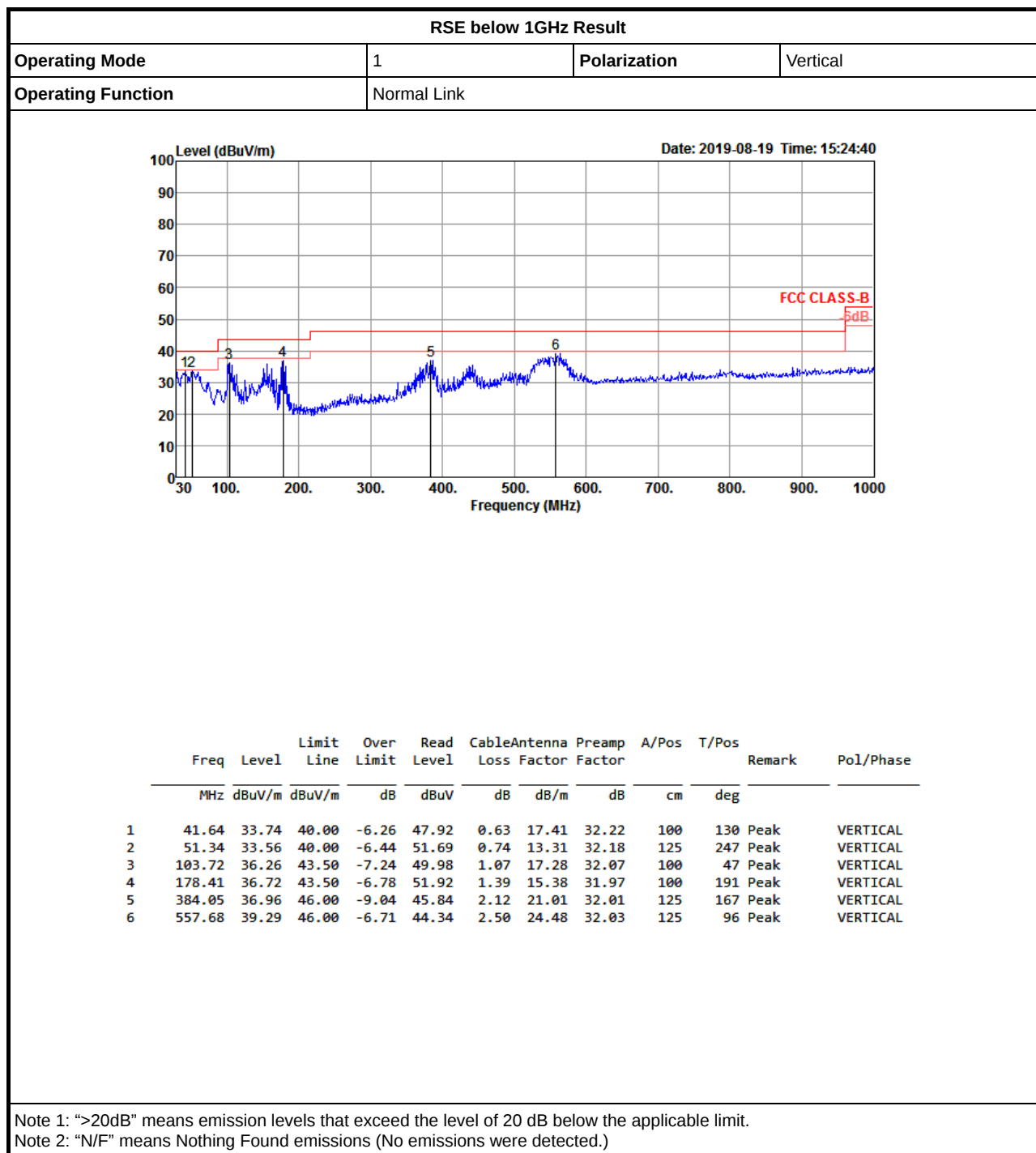
802.11ax HEW80-BF_Nss1,(MCS0)_2TX

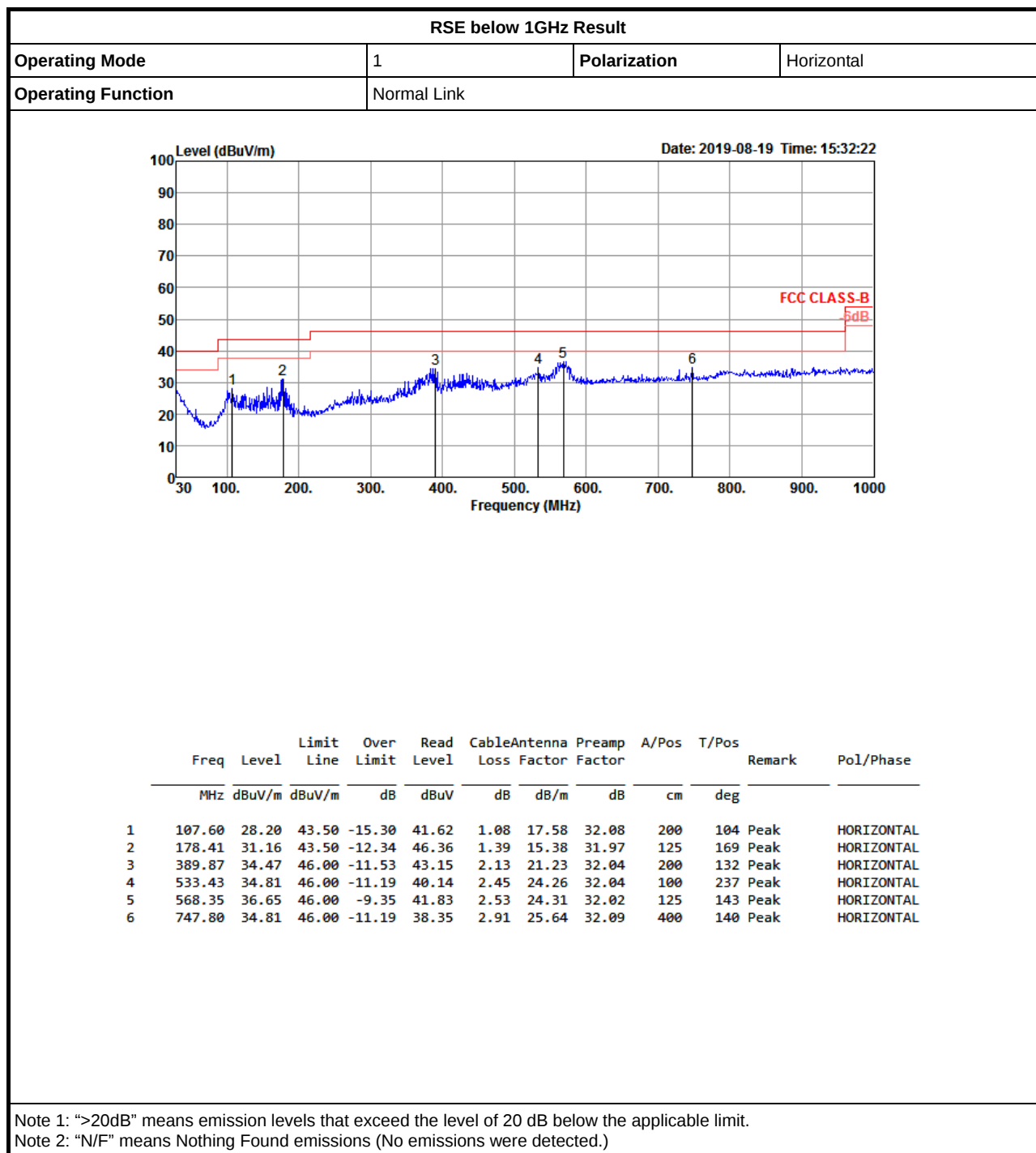
PSD

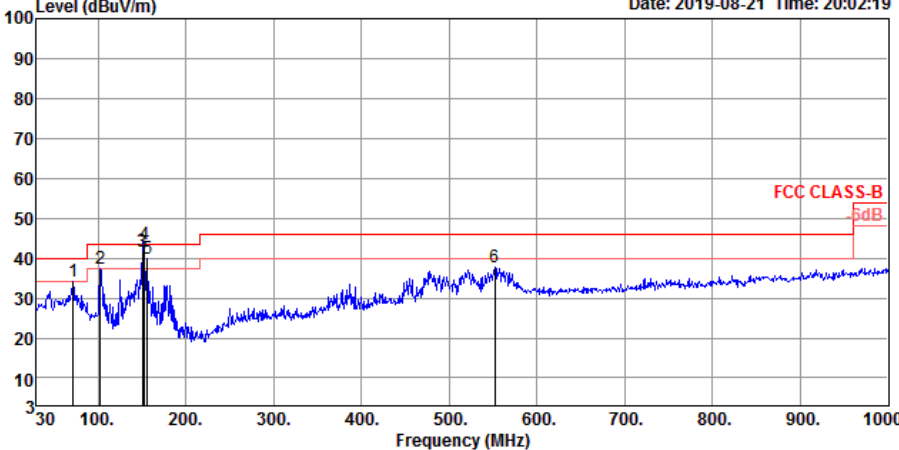
5690MHz Straddle 5.725-5.85GHz

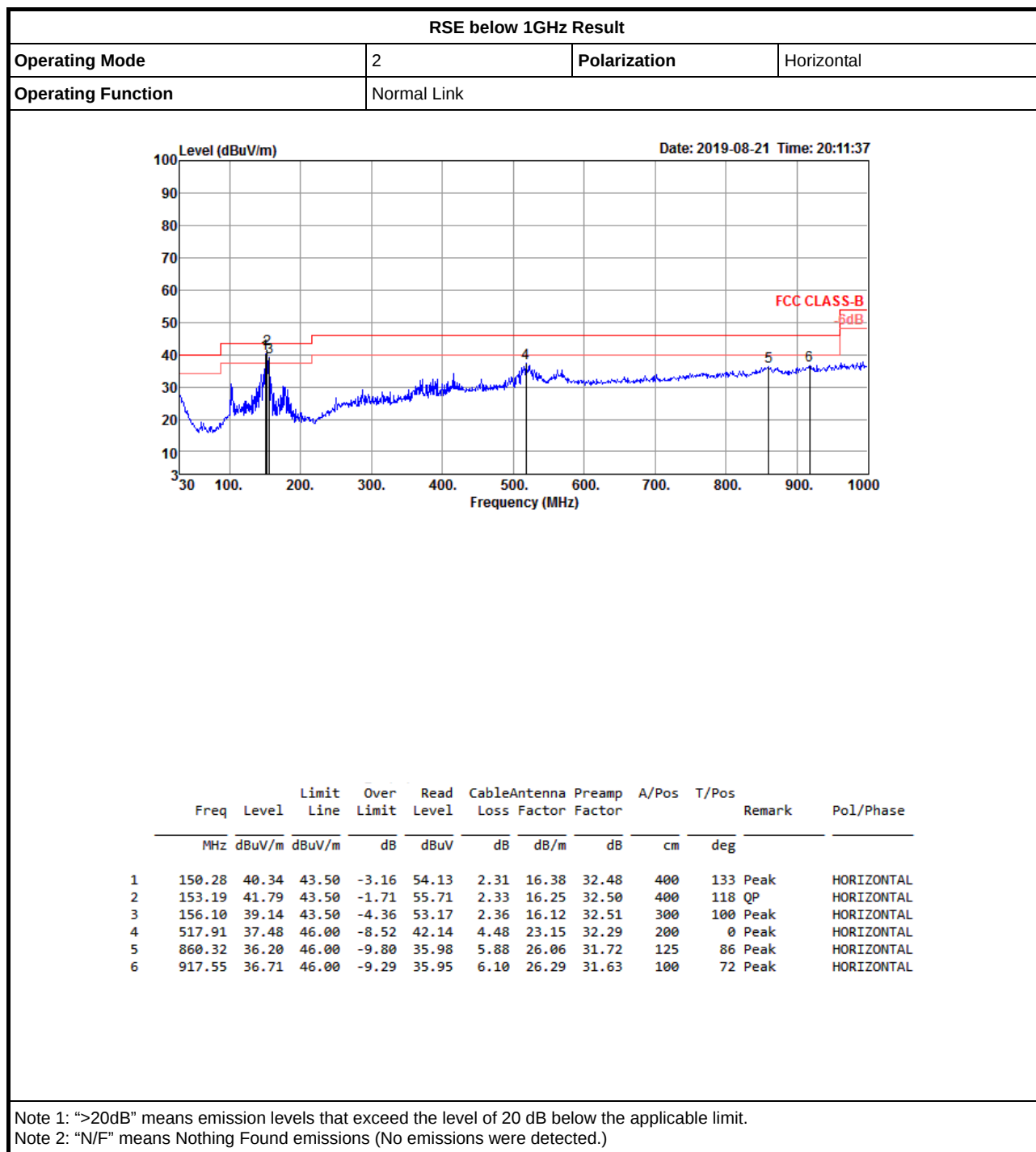
26/06/2019







RSE below 1GHz Result																																																																																																											
Operating Mode			2			Polarization			Vertical																																																																																																		
Operating Function			Normal Link																																																																																																								
Level (dBuV/m) Date: 2019-08-21 Time: 20:02:19  Frequency (MHz) <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Read</th><th>CableAntenna</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phase</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>71.71</td><td>34.18</td><td>40.00</td><td>-5.82</td><td>53.00</td><td>1.58</td><td>12.05</td><td>32.45</td><td>150</td><td>93 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>102.75</td><td>37.45</td><td>43.50</td><td>-6.05</td><td>50.97</td><td>1.91</td><td>16.96</td><td>32.39</td><td>100</td><td>358 Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>150.28</td><td>41.61</td><td>43.50</td><td>-1.89</td><td>55.40</td><td>2.31</td><td>16.38</td><td>32.48</td><td>100</td><td>169 QP</td><td>VERTICAL</td></tr><tr><td>4</td><td>153.19</td><td>43.49</td><td>43.50</td><td>-0.01</td><td>57.41</td><td>2.33</td><td>16.25</td><td>32.50</td><td>100</td><td>169 QP</td><td>VERTICAL</td></tr><tr><td>5</td><td>156.10</td><td>39.75</td><td>43.50</td><td>-3.75</td><td>53.78</td><td>2.36</td><td>16.12</td><td>32.51</td><td>100</td><td>146 Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>551.86</td><td>37.73</td><td>46.00</td><td>-8.27</td><td>41.34</td><td>4.64</td><td>24.25</td><td>32.50</td><td>125</td><td>82 Peak</td><td>VERTICAL</td></tr></table>													Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		1	71.71	34.18	40.00	-5.82	53.00	1.58	12.05	32.45	150	93 Peak	VERTICAL	2	102.75	37.45	43.50	-6.05	50.97	1.91	16.96	32.39	100	358 Peak	VERTICAL	3	150.28	41.61	43.50	-1.89	55.40	2.31	16.38	32.48	100	169 QP	VERTICAL	4	153.19	43.49	43.50	-0.01	57.41	2.33	16.25	32.50	100	169 QP	VERTICAL	5	156.10	39.75	43.50	-3.75	53.78	2.36	16.12	32.51	100	146 Peak	VERTICAL	6	551.86	37.73	46.00	-8.27	41.34	4.64	24.25	32.50	125	82 Peak	VERTICAL
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase																																																																																																
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg																																																																																																	
1	71.71	34.18	40.00	-5.82	53.00	1.58	12.05	32.45	150	93 Peak	VERTICAL																																																																																																
2	102.75	37.45	43.50	-6.05	50.97	1.91	16.96	32.39	100	358 Peak	VERTICAL																																																																																																
3	150.28	41.61	43.50	-1.89	55.40	2.31	16.38	32.48	100	169 QP	VERTICAL																																																																																																
4	153.19	43.49	43.50	-0.01	57.41	2.33	16.25	32.50	100	169 QP	VERTICAL																																																																																																
5	156.10	39.75	43.50	-3.75	53.78	2.36	16.12	32.51	100	146 Peak	VERTICAL																																																																																																
6	551.86	37.73	46.00	-8.27	41.34	4.64	24.25	32.50	125	82 Peak	VERTICAL																																																																																																
Note 1: ">20dB" means emission levels that exceed the level of 20 dB below the applicable limit. Note 2: "N/F" means Nothing Found emissions (No emissions were detected.)																																																																																																											



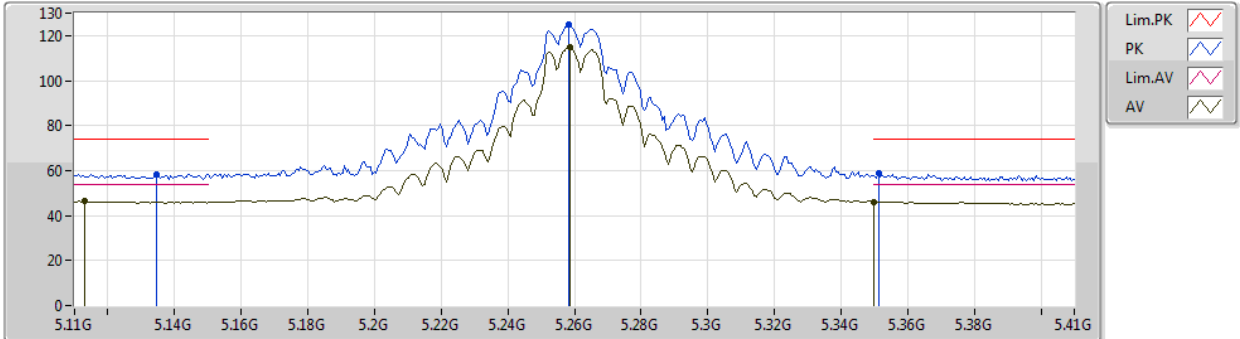
**Summary**

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	11.15994G	53.93	54.00	-0.07	14.46	3	Vertical	159	2.97	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

01/06/2019



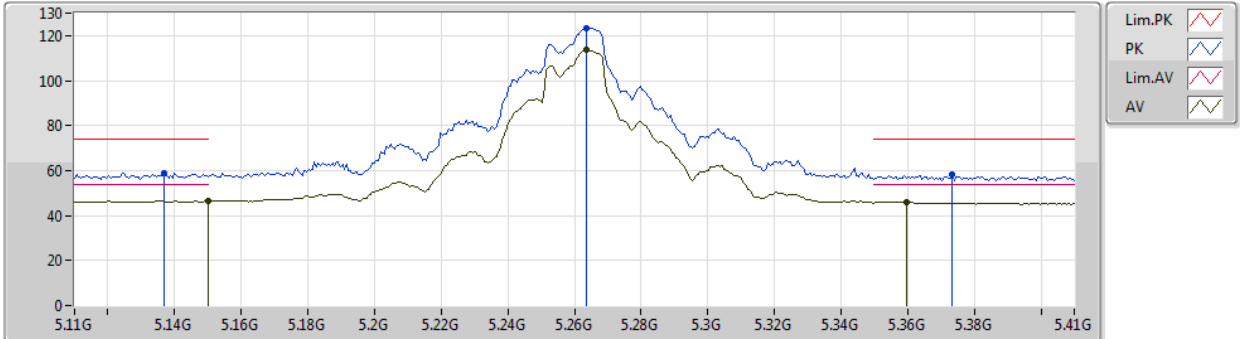
EUT_Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.1346G	58.55	74.00	-15.45	7.92	3	Vertical	262	1.30	-				
AV	5.113G	46.25	54.00	-7.75	7.86	3	Vertical	262	1.30	-				
PK	5.2582G	124.69	Inf	-Inf	8.15	3	Vertical	262	1.30	-				
AV	5.2588G	114.71	Inf	-Inf	8.15	3	Vertical	262	1.30	-				
PK	5.3512G	58.77	74.00	-15.23	8.28	3	Vertical	262	1.30	-				
AV	5.35G	46.21	54.00	-7.79	8.28	3	Vertical	262	1.30	-				

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

01/06/2019



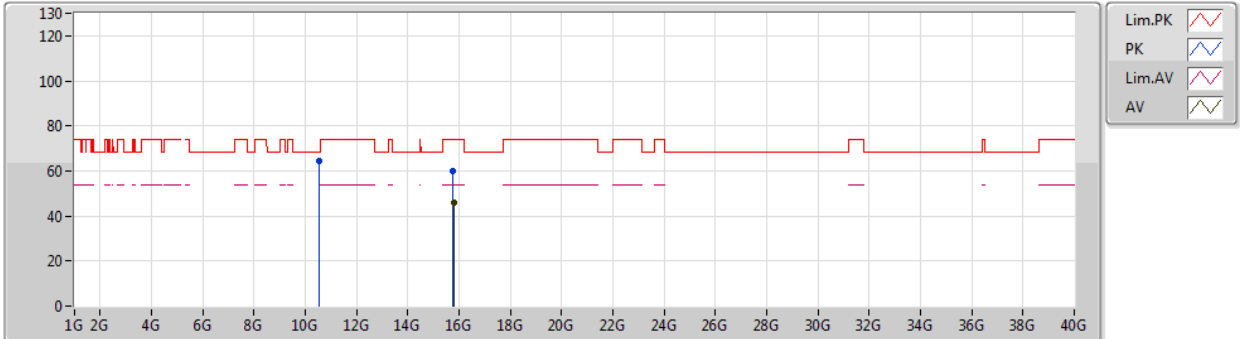
EUT_Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.137G	58.84	74.00	-15.16	7.92	3	Horizontal	274	1.51	-				
AV	5.15G	46.41	54.00	-7.59	7.94	3	Horizontal	274	1.51	-				
PK	5.2636G	123.54	Inf	-Inf	8.16	3	Horizontal	274	1.51	-				
AV	5.2636G	113.94	Inf	-Inf	8.16	3	Horizontal	274	1.51	-				
PK	5.3734G	58.00	74.00	-16.00	8.30	3	Horizontal	274	1.51	-				
AV	5.3596G	46.07	54.00	-7.93	8.29	3	Horizontal	274	1.51	-				

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

01/06/2019



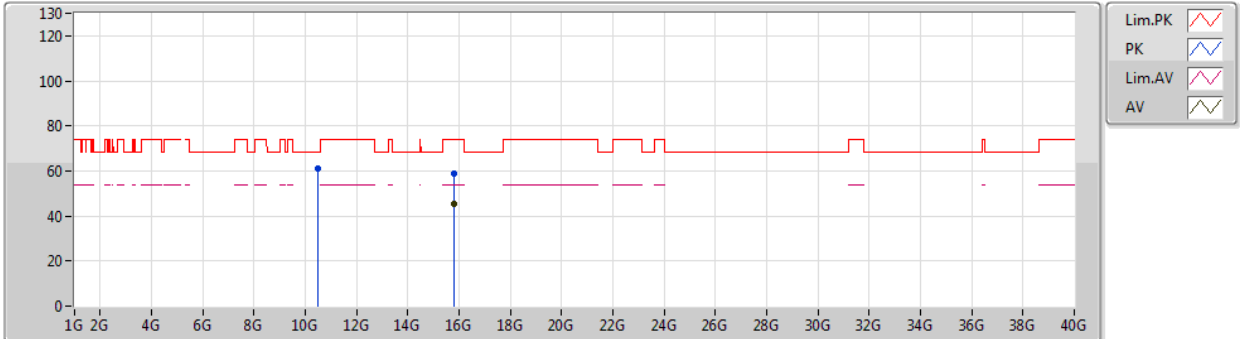
EUT_Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.5227G	64.51	68.20	-3.69	14.56	3	Vertical	128	2.01	-				
PK	15.77502G	59.93	74.00	-14.07	15.45	3	Vertical	205	1.43	-				
AV	15.78252G	45.96	54.00	-8.04	15.43	3	Vertical	205	1.43	-				

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

01/06/2019



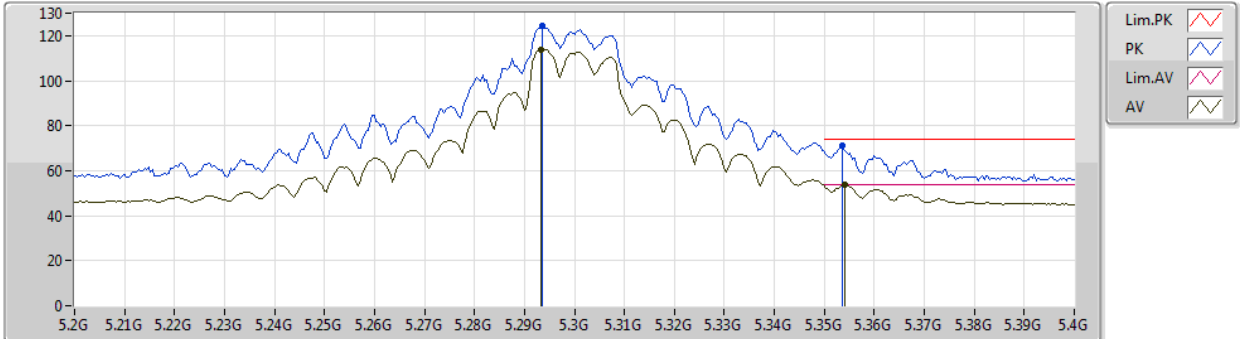
EUT_Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.51244G	60.89	68.20	-7.31	14.56	3	Horizontal	99	2.15	-				
PK	15.77922G	59.04	74.00	-14.96	15.44	3	Horizontal	258	1.36	-				
AV	15.7794G	45.47	54.00	-8.53	15.44	3	Horizontal	258	1.36	-				

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

03/06/2019



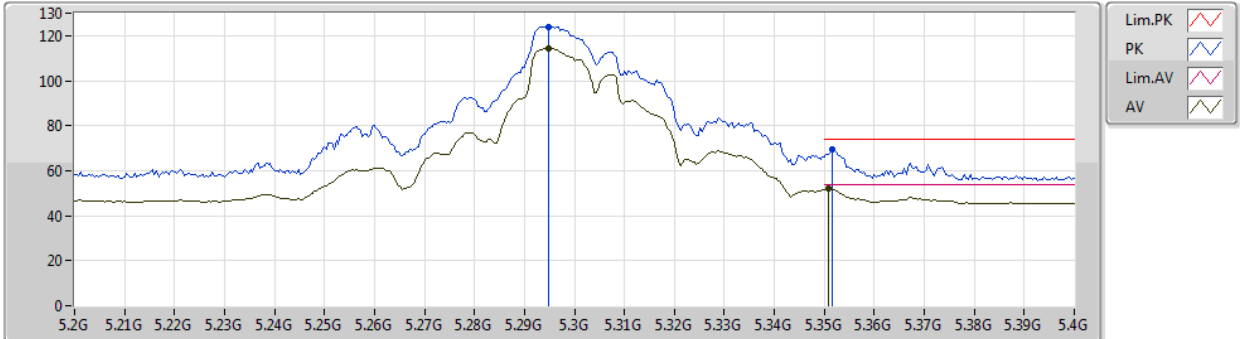
EUT_Z_4TX
Setting 29.5
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.2936G	124.59	Inf	-Inf	8.20	3	Vertical	271	1.60	-				
AV	5.2932G	114.00	Inf	-Inf	8.20	3	Vertical	271	1.60	-				
PK	5.3536G	70.90	74.00	-3.10	8.28	3	Vertical	271	1.60	-				
AV	5.354G	53.73	54.00	-0.27	8.28	3	Vertical	271	1.60	-				

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

03/06/2019



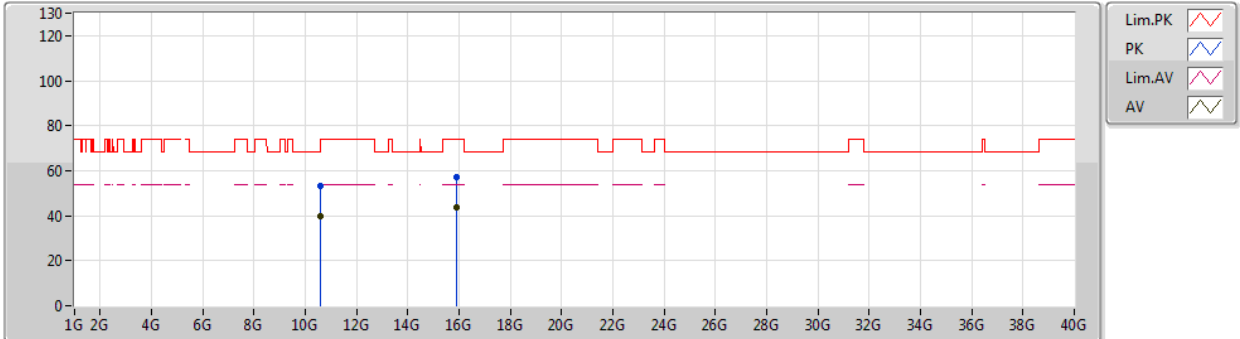
EUT_Z_4TX
Setting 29.5
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.2948G	124.09	Inf	-Inf	8.20	3	Horizontal	272	1.46	-				
AV	5.2948G	114.57	Inf	-Inf	8.20	3	Horizontal	272	1.46	-				
PK	5.3516G	69.36	74.00	-4.64	8.28	3	Horizontal	272	1.46	-				
AV	5.3508G	52.05	54.00	-1.95	8.28	3	Horizontal	272	1.46	-				

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

03/06/2019



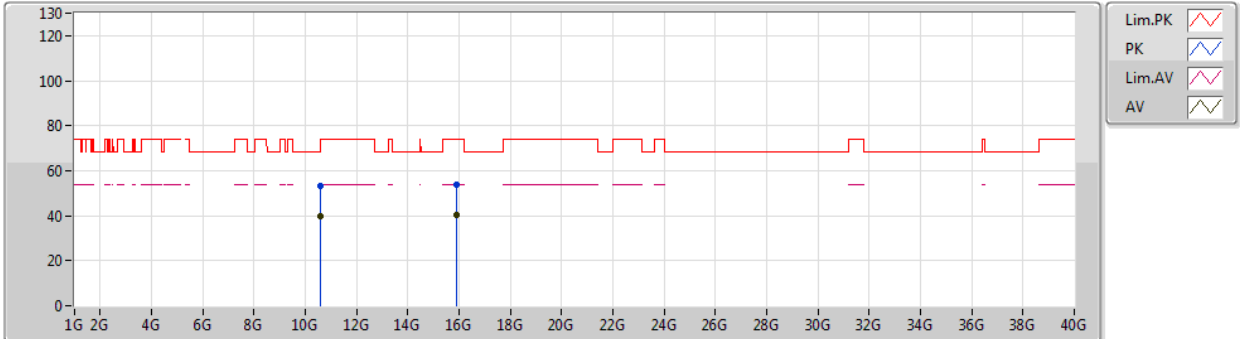
EUT_Z_4TX
Setting 29.5
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.60088G	53.27	74.00	-20.73	14.51	3	Vertical	177	1.52	-				
AV	10.60376G	39.69	54.00	-14.31	14.52	3	Vertical	177	1.52	-				
PK	15.89844G	57.13	74.00	-16.87	15.13	3	Vertical	314	2.05	-				
AV	15.90432G	43.54	54.00	-10.46	15.12	3	Vertical	314	2.05	-				

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

03/06/2019



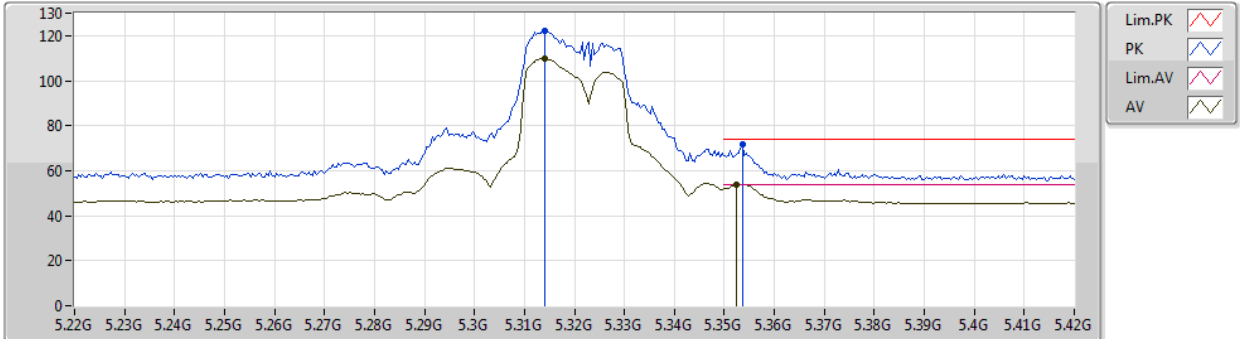
EUT_Z_4TX
Setting 29.5
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.6014G	53.04	74.00	-20.96	14.51	3	Horizontal	88	1.43	-				
AV	10.60392G	39.65	54.00	-14.35	14.52	3	Horizontal	88	1.43	-				
PK	15.90316G	53.55	74.00	-20.45	15.12	3	Horizontal	136	1.71	-				
AV	15.89812G	40.22	54.00	-13.78	15.14	3	Horizontal	136	1.71	-				

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

04/06/2019



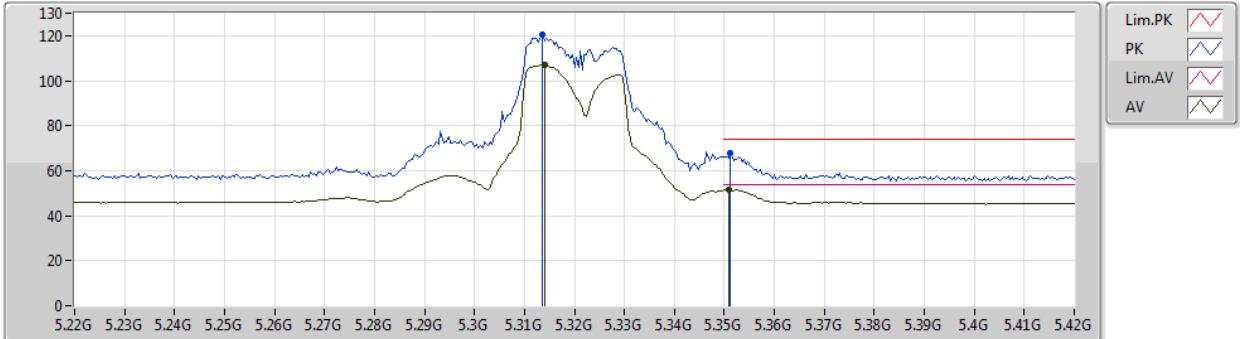
EUT_Z_4TX
Setting 22.5
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.314G	122.32	Inf	-Inf	8.23	3	Vertical	269	1.50	-				
AV	5.314G	109.79	Inf	-Inf	8.23	3	Vertical	269	1.50	-				
PK	5.3536G	71.65	74.00	-2.35	8.28	3	Vertical	269	1.50	-				
AV	5.3524G	53.89	54.00	-0.11	8.28	3	Vertical	269	1.50	-				

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

04/06/2019



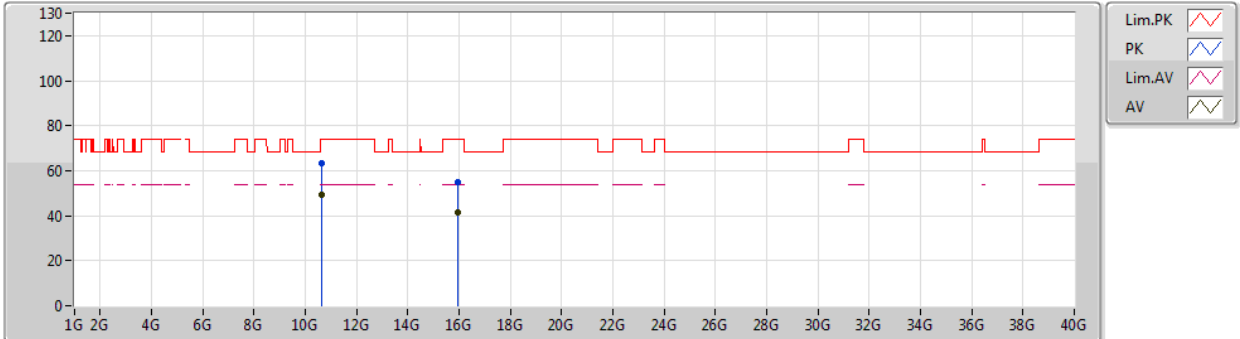
EUT_Z_4TX
Setting 22.5
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3136G	120.35	Inf	-Inf	8.22	3	Horizontal	79	1.50	-				
AV	5.314G	106.93	Inf	-Inf	8.23	3	Horizontal	79	1.50	-				
PK	5.3512G	67.70	74.00	-6.30	8.28	3	Horizontal	79	1.50	-				
AV	5.3508G	51.56	54.00	-2.44	8.28	3	Horizontal	79	1.50	-				

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

04/06/2019



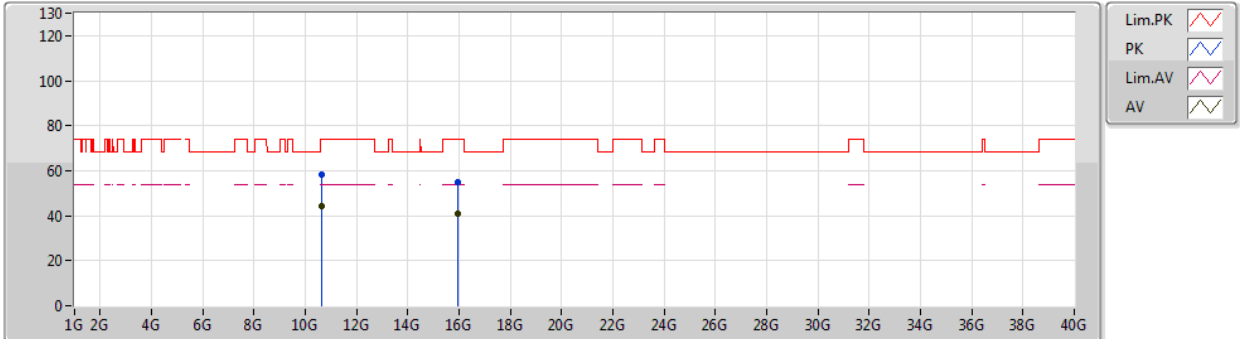
EUT_Z_4TX
Setting 22.5
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.6342G	63.04	74.00	-10.96	14.49	3	Vertical	125	1.99	-				
AV	10.63452G	49.18	54.00	-4.82	14.49	3	Vertical	125	1.99	-				
PK	15.9536G	54.78	74.00	-19.22	14.97	3	Vertical	134	1.52	-				
AV	15.95256G	41.53	54.00	-12.47	14.98	3	Vertical	134	1.52	-				

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

04/06/2019



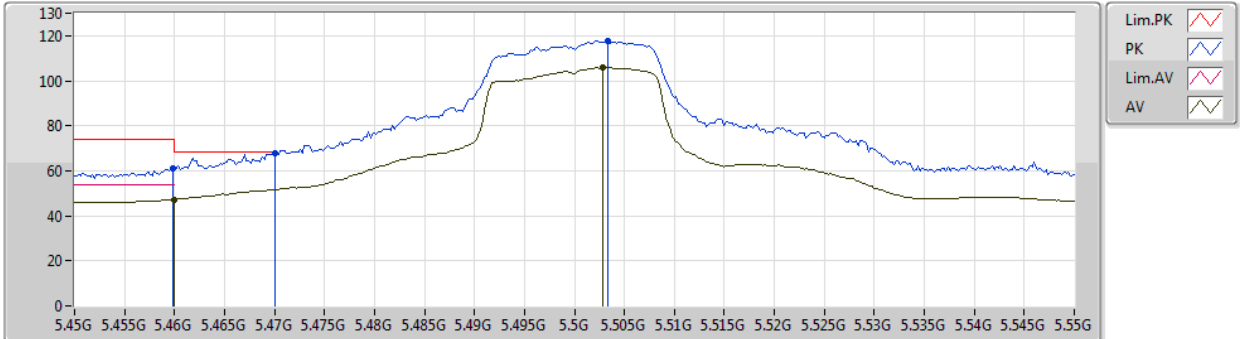
EUT_Z_4TX
Setting 22.5
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.63424G	58.06	74.00	-15.94	14.49	3	Horizontal	117	2.29	-				
AV	10.63616G	44.47	54.00	-9.53	14.49	3	Horizontal	117	2.29	-				
PK	15.9628G	55.05	74.00	-18.95	14.96	3	Horizontal	207	1.50	-				
AV	15.96184G	41.03	54.00	-12.97	14.96	3	Horizontal	207	1.50	-				

802.11a_Nss1,(6Mbps)_2TX

20/06/2019

5500MHz_TX



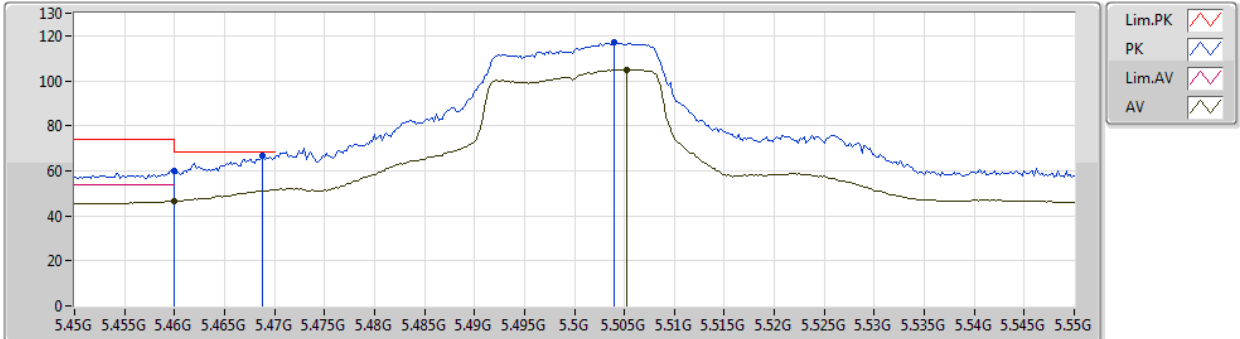
EUT_Z_2TX
Setting 23.5
02-E-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4598G	61.33	74.00	-12.67	8.45	3	Vertical	119	1.50	-				
AV	5.46G	47.32	54.00	-6.68	8.45	3	Vertical	119	1.50	-				
PK	5.47G	67.97	68.20	-0.23	8.46	3	Vertical	119	1.50	-				
PK	5.5034G	117.69	Inf	-Inf	8.52	3	Vertical	119	1.50	-				
AV	5.5028G	105.75	Inf	-Inf	8.52	3	Vertical	119	1.50	-				

802.11a_Nss1,(6Mbps)_2TX

20/06/2019

5500MHz_TX



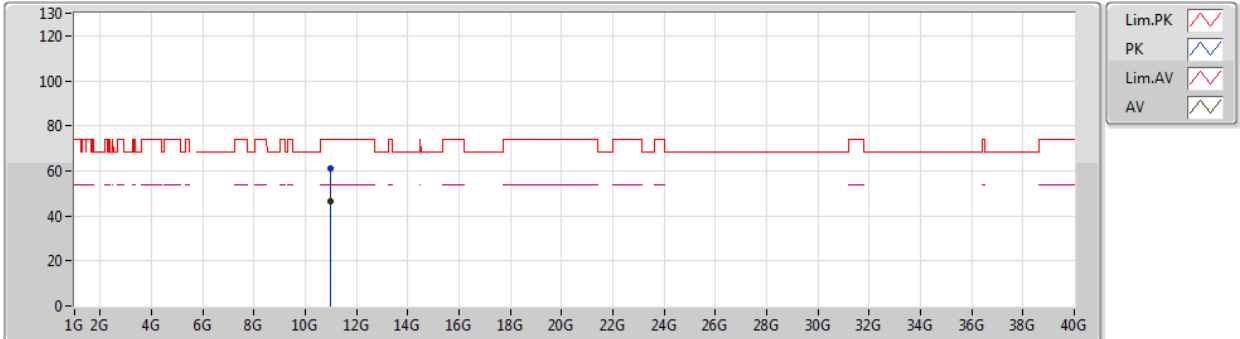
EUT_Z_2TX
Setting 23.5
02-E-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.46G	60.23	74.00	-13.77	8.45	3	Horizontal	142	2.59	-				
AV	5.46G	46.51	54.00	-7.49	8.45	3	Horizontal	142	2.59	-				
PK	5.4688G	66.83	68.20	-1.37	8.46	3	Horizontal	142	2.59	-				
PK	5.504G	116.94	Inf	-Inf	8.52	3	Horizontal	142	2.59	-				
AV	5.5052G	105.03	Inf	-Inf	8.52	3	Horizontal	142	2.59	-				

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

20/06/2019



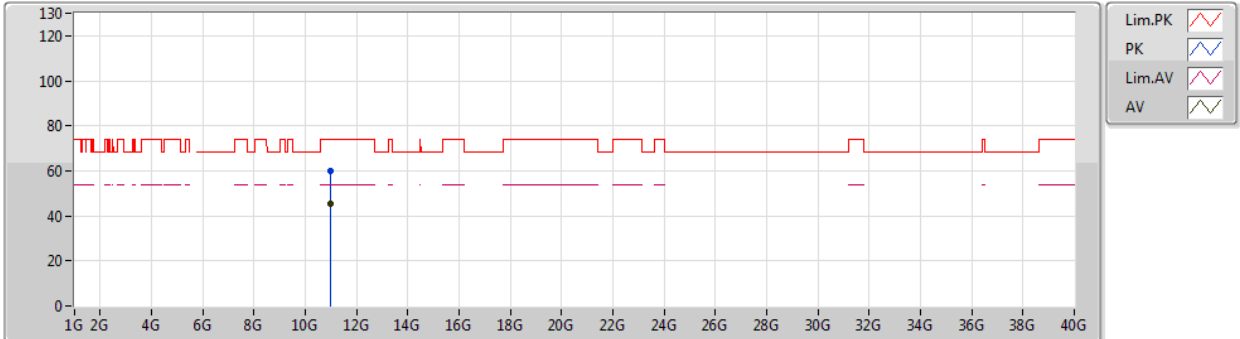
EUT_Z_2TX
Setting 23.5
02-E-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.00114G	61.28	74.00	-12.72	14.26	3	Vertical	220	1.80	-				
AV	11.0021G	46.74	54.00	-7.26	14.26	3	Vertical	220	1.80	-				

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

20/06/2019



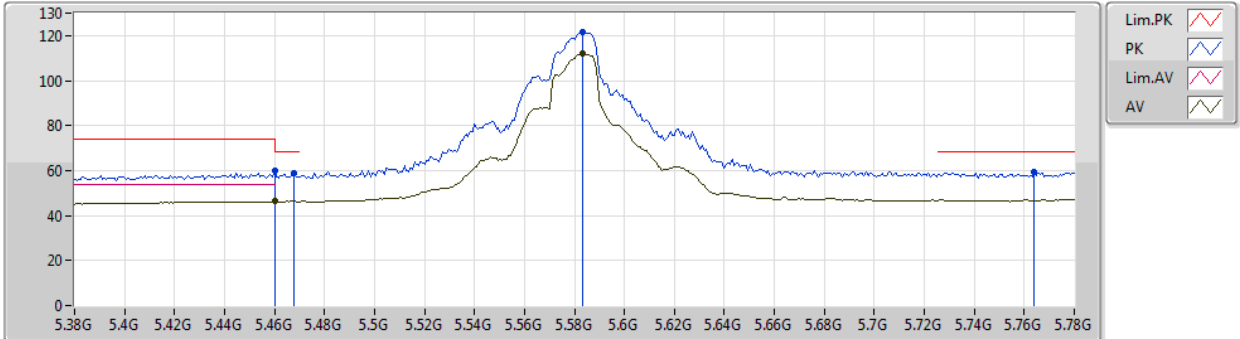
EUT_Z_2TX
Setting 23.5
02-E-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.00234G	59.70	74.00	-14.30	14.26	3	Horizontal	132	1.29	-				
AV	11.00588G	45.12	54.00	-8.88	14.26	3	Horizontal	132	1.29	-				

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

20/06/2019



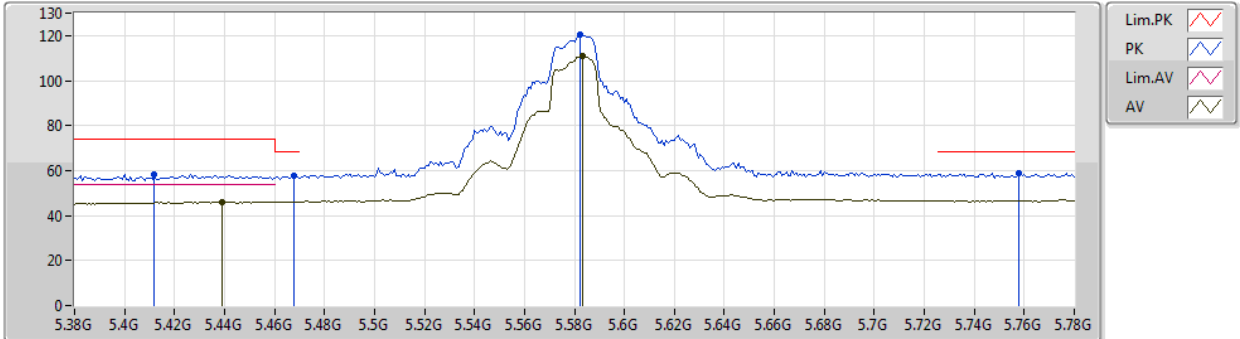
EUT_Z_2TX
Setting 27
02-E-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.46G	59.72	74.00	-14.28	8.45	3	Vertical	119	1.50	-				
AV	5.46G	46.23	54.00	-7.77	8.45	3	Vertical	119	1.50	-				
PK	5.468G	58.72	68.20	-9.48	8.46	3	Vertical	119	1.50	-				
PK	5.5832G	121.74	Inf	-Inf	8.57	3	Vertical	119	1.50	-				
AV	5.5832G	112.33	Inf	-Inf	8.57	3	Vertical	119	1.50	-				
PK	5.764G	59.13	68.20	-9.07	8.84	3	Vertical	119	1.50	-				

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

20/06/2019



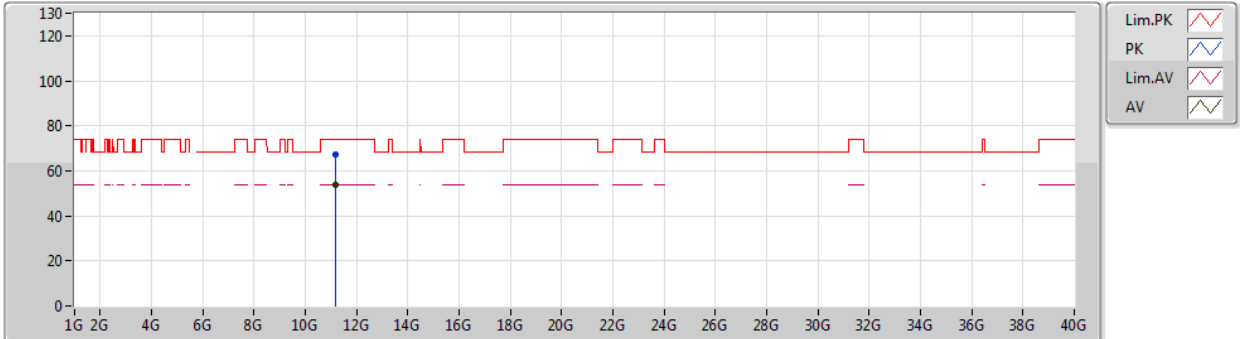
EUT_Z_2TX
Setting 27
02-E-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.412G	58.12	74.00	-15.88	8.36	3	Horizontal	139	2.55	-				
AV	5.4392G	46.04	54.00	-7.96	8.41	3	Horizontal	139	2.55	-				
PK	5.468G	57.95	68.20	-10.25	8.46	3	Horizontal	139	2.55	-				
PK	5.5824G	120.61	Inf	-Inf	8.57	3	Horizontal	139	2.55	-				
AV	5.5832G	110.98	Inf	-Inf	8.57	3	Horizontal	139	2.55	-				
PK	5.7576G	58.90	68.20	-9.30	8.83	3	Horizontal	139	2.55	-				

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

20/06/2019



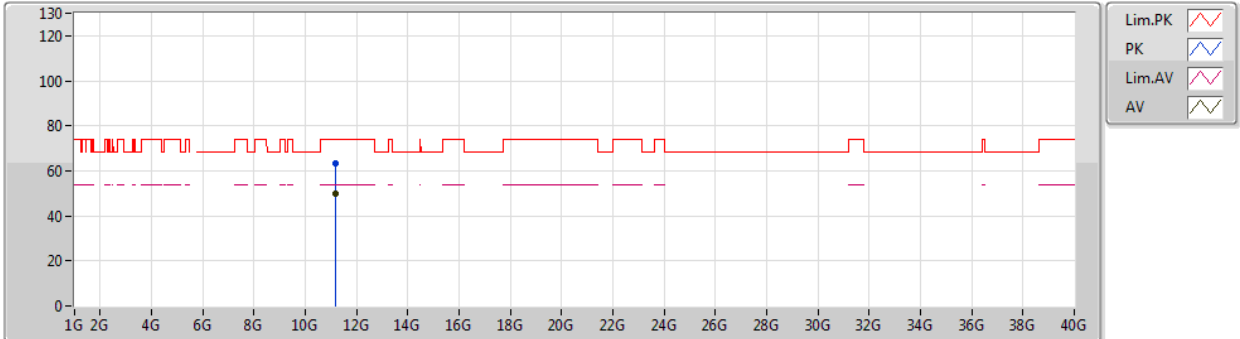
EUT_Z_2TX
Setting 27
02-E-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.1606G	67.13	74.00	-6.87	14.47	3	Vertical	159	2.97	-				
AV	11.15994G	53.93	54.00	-0.07	14.46	3	Vertical	159	2.97	-				

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

20/06/2019



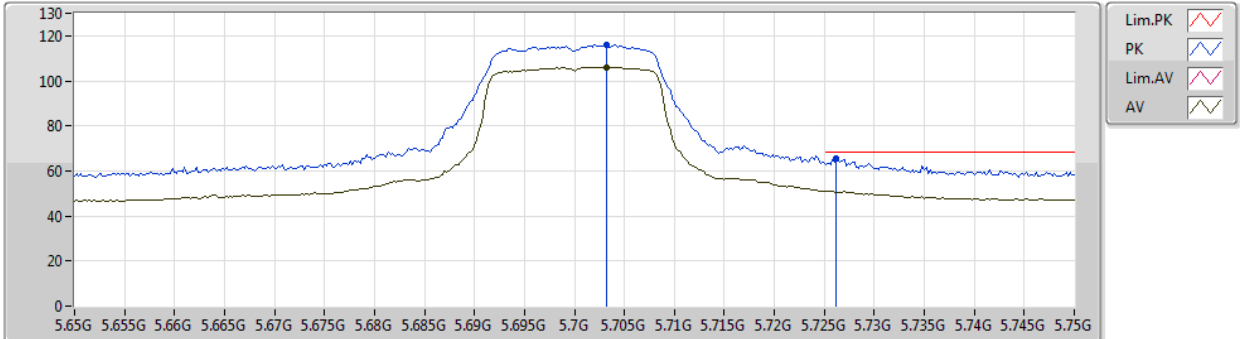
EUT_Z_2TX
Setting 27
02-E-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.16066G	63.22	74.00	-10.78	14.47	3	Horizontal	135	1.38	-				
AV	11.16174G	49.98	54.00	-4.02	14.47	3	Horizontal	135	1.38	-				

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

20/06/2019



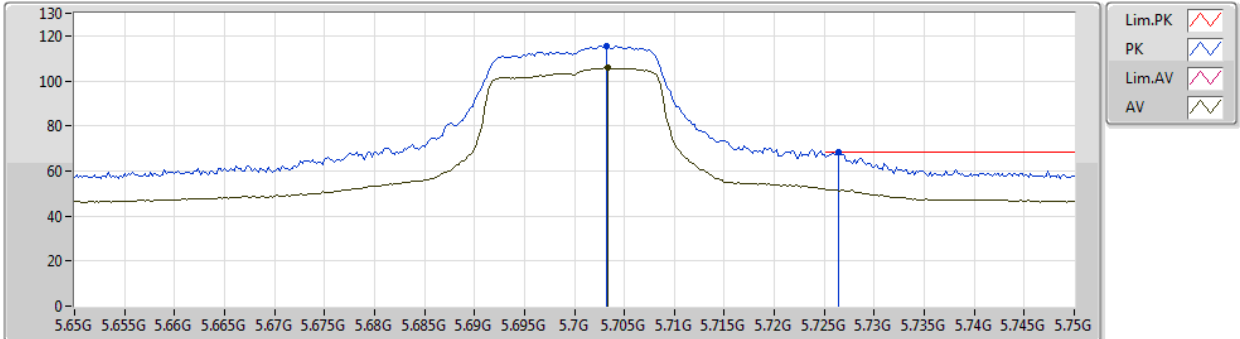
EUT_Z_2TX
Setting 22
02-E-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.7032G	116.18	Inf	-Inf	8.75	3	Vertical	342	2.01	-				
AV	5.7032G	106.15	Inf	-Inf	8.75	3	Vertical	342	2.01	-				
PK	5.7262G	65.39	68.20	-2.81	8.79	3	Vertical	342	2.01	-				

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

20/06/2019



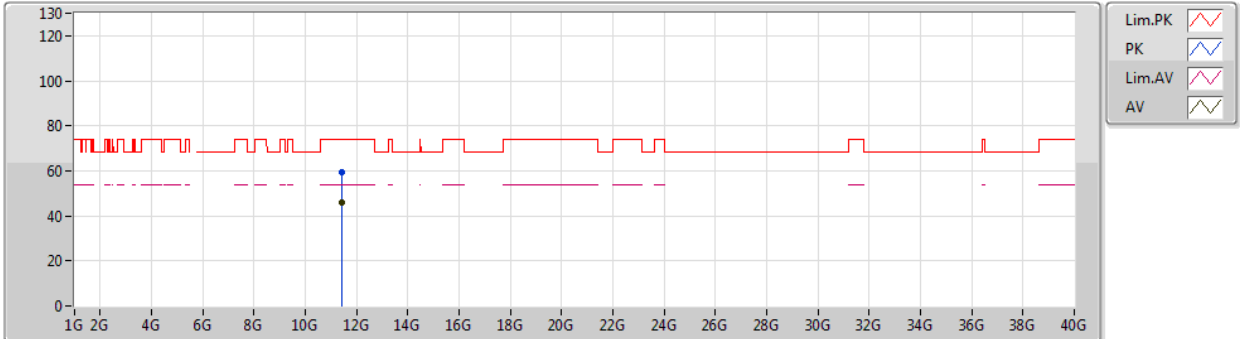
EUT_Z_2TX
Setting 22
02-E-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.7032G	115.47	Inf	-Inf	8.75	3	Horizontal	146	2.97	-				
AV	5.7034G	105.75	Inf	-Inf	8.75	3	Horizontal	146	2.97	-				
PK	5.7264G	68.11	68.20	-0.09	8.79	3	Horizontal	146	2.97	-				

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

20/06/2019



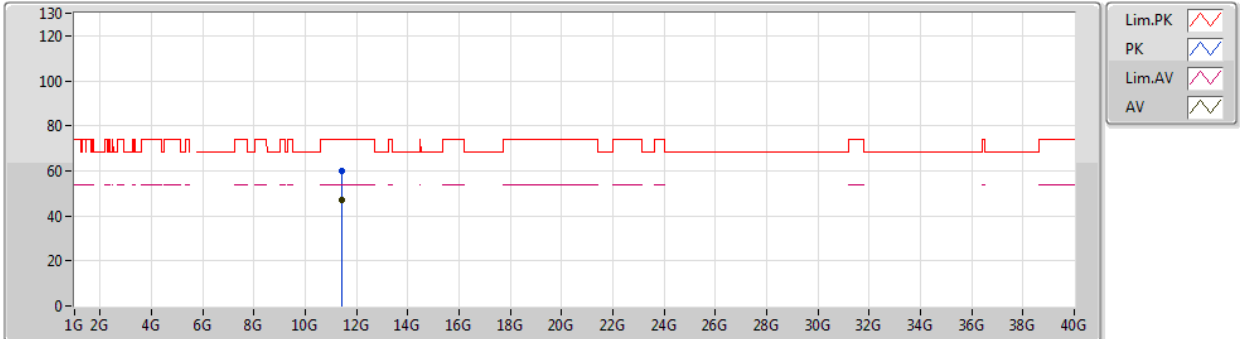
EUT_Z_2TX
Setting 22
02-E-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.40204G	59.28	74.00	-14.72	14.77	3	Vertical	163	1.86	-				
AV	11.40192G	45.81	54.00	-8.19	14.77	3	Vertical	163	1.86	-				

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

20/06/2019



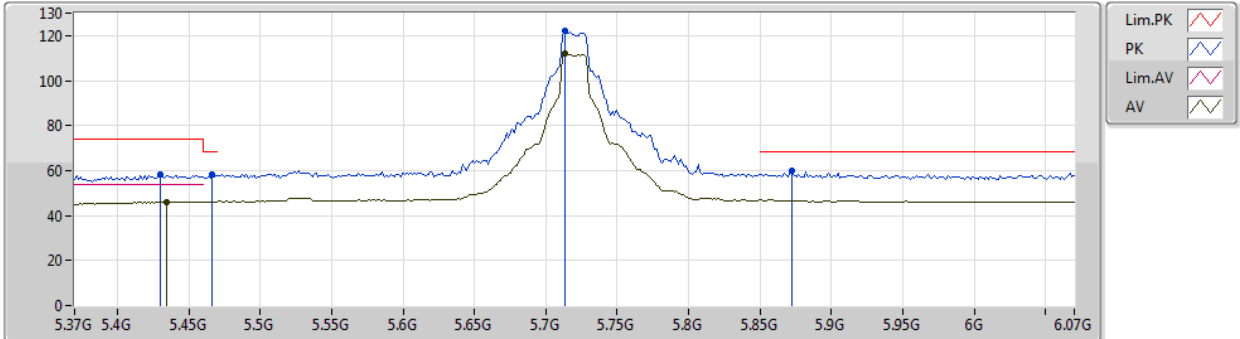
EUT_Z_2TX
Setting 22
02-E-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.40282G	60.16	74.00	-13.84	14.77	3	Horizontal	131	1.28	-				
AV	11.4021G	46.83	54.00	-7.17	14.77	3	Horizontal	131	1.28	-				

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

20/06/2019



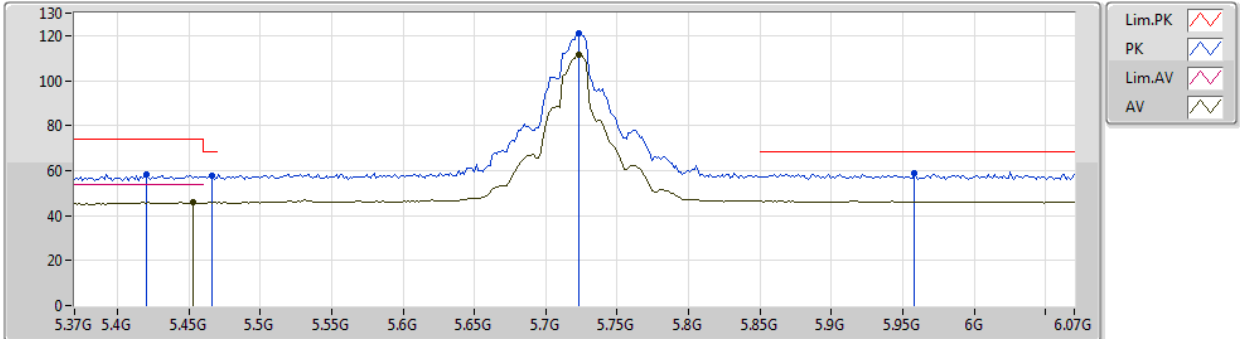
EUT_Z_2TX
Setting 29
02-E-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4302G	58.14	74.00	-15.86	8.40	3	Vertical	12	1.50	-				
AV	5.4344G	46.19	54.00	-7.81	8.40	3	Vertical	12	1.50	-				
PK	5.4666G	58.26	68.20	-9.94	8.46	3	Vertical	12	1.50	-				
PK	5.713G	122.03	Inf	-Inf	8.77	3	Vertical	12	1.50	-				
AV	5.713G	112.11	Inf	-Inf	8.77	3	Vertical	12	1.50	-				
PK	5.8726G	59.77	68.20	-8.43	8.91	3	Vertical	12	1.50	-				

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

20/06/2019



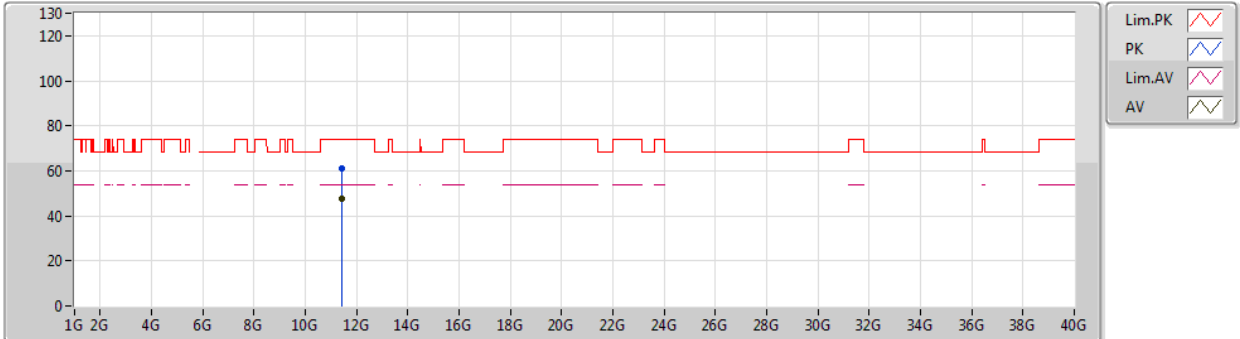
EUT_Z_2TX
Setting 29
02-E-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4204G	58.51	74.00	-15.49	8.38	3	Horizontal	146	2.33	-				
AV	5.4526G	45.86	54.00	-8.14	8.44	3	Horizontal	146	2.33	-				
PK	5.4666G	57.62	68.20	-10.58	8.46	3	Horizontal	146	2.33	-				
PK	5.7228G	121.00	Inf	-Inf	8.78	3	Horizontal	146	2.33	-				
AV	5.7228G	111.47	Inf	-Inf	8.78	3	Horizontal	146	2.33	-				
PK	5.958G	58.87	68.20	-9.33	8.92	3	Horizontal	146	2.33	-				

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

20/06/2019



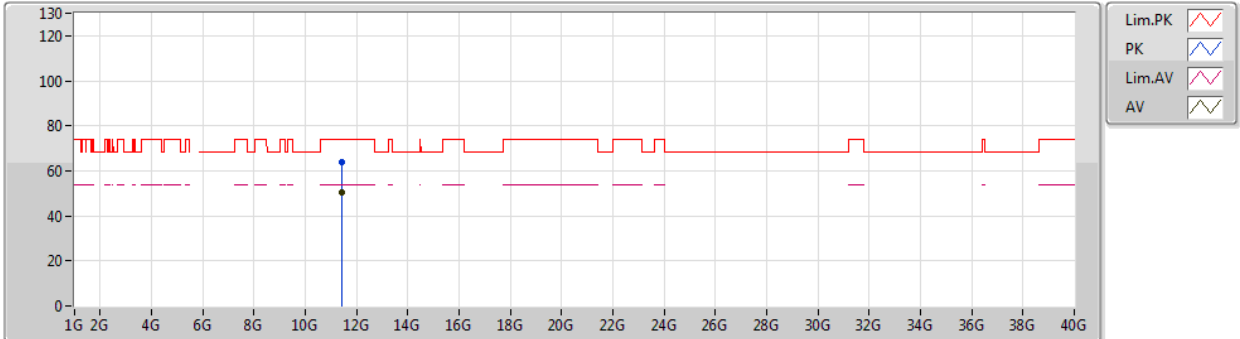
EUT_Z_2TX
Setting 29
02-E-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.44054G	61.01	74.00	-12.99	14.82	3	Vertical	221	1.75	-				
AV	11.4397G	47.70	54.00	-6.30	14.82	3	Vertical	221	1.75	-				

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz_TX

20/06/2019



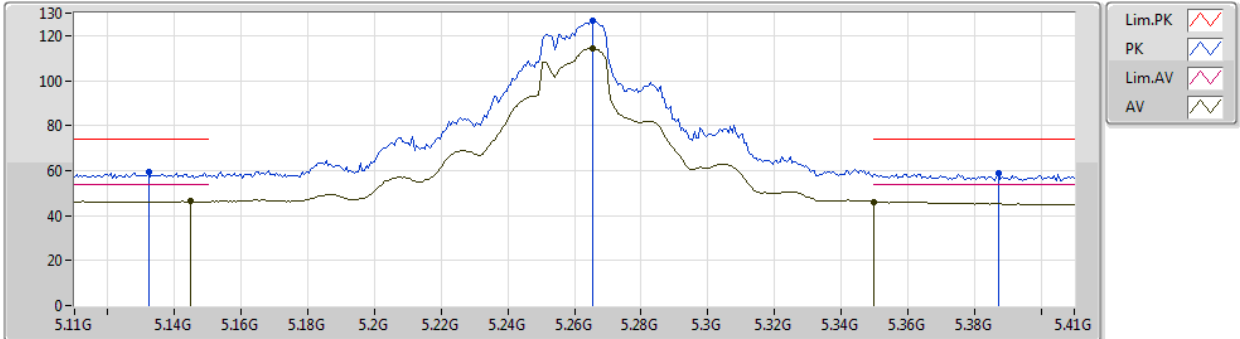
EUT_Z_2TX
Setting 29
02-E-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.44456G	63.62	74.00	-10.38	14.84	3	Horizontal	123	1.76	-				
AV	11.44294G	50.69	54.00	-3.31	14.82	3	Horizontal	123	1.76	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5260MHz_TX



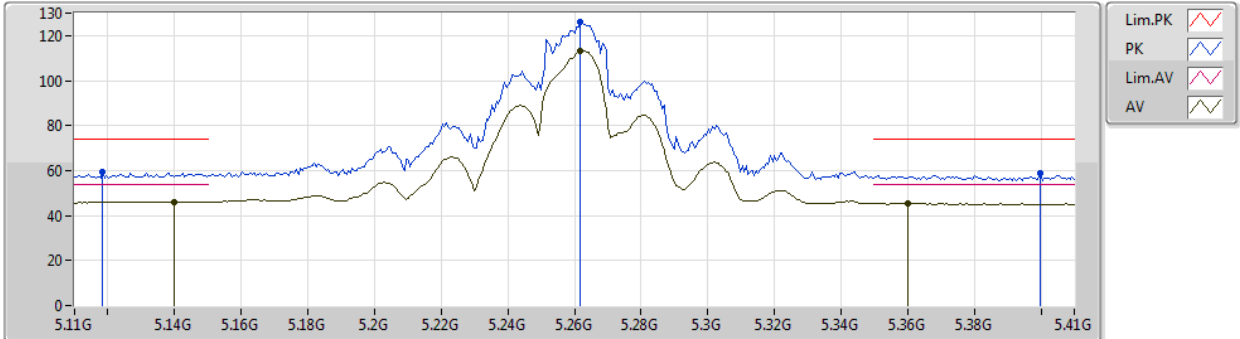
EUT_Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.1322G	59.13	74.00	-14.87	7.92	3	Vertical	235	1.31	-				
AV	5.1448G	46.36	54.00	-7.64	7.94	3	Vertical	235	1.31	-				
PK	5.2654G	126.80	Inf	-Inf	8.16	3	Vertical	235	1.31	-				
AV	5.2654G	114.41	Inf	-Inf	8.16	3	Vertical	235	1.31	-				
PK	5.3872G	58.58	74.00	-15.42	8.33	3	Vertical	235	1.31	-				
AV	5.35G	46.10	54.00	-7.90	8.28	3	Vertical	235	1.31	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5260MHz_TX



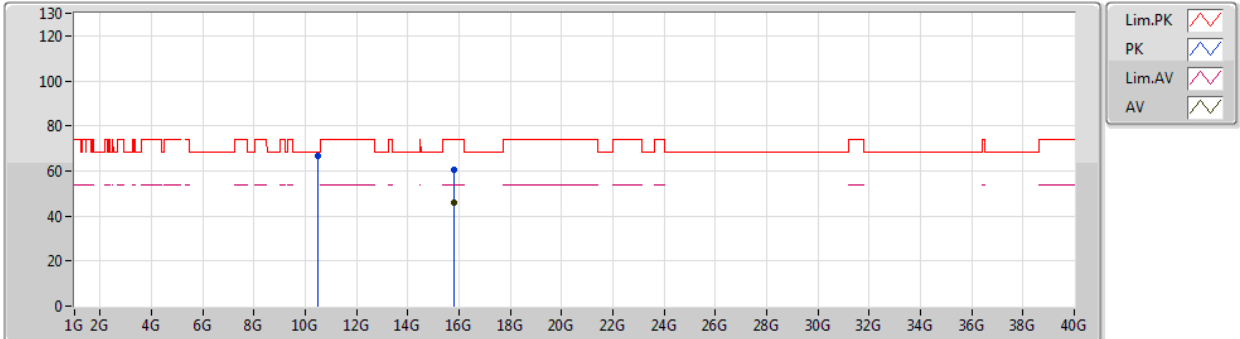
EUT_Z_4TX
Setting 31
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.1184G	59.48	74.00	-14.52	7.88	3	Horizontal	278	1.50	-				
AV	5.14G	46.22	54.00	-7.78	7.93	3	Horizontal	278	1.50	-				
PK	5.2618G	125.82	Inf	-Inf	8.15	3	Horizontal	278	1.50	-				
AV	5.2618G	113.20	Inf	-Inf	8.15	3	Horizontal	278	1.50	-				
PK	5.3998G	58.66	74.00	-15.34	8.34	3	Horizontal	278	1.50	-				
AV	5.3602G	45.51	54.00	-8.49	8.29	3	Horizontal	278	1.50	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz_TX

03/06/2019



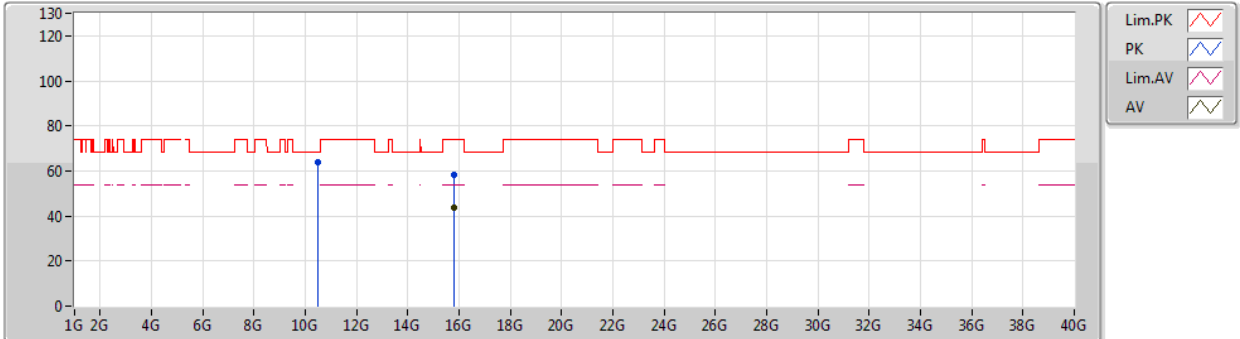
EUT_Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.51476G	66.63	68.20	-1.57	14.56	3	Vertical	130	1.97	-				
PK	15.77968G	60.79	74.00	-13.21	15.44	3	Vertical	216	1.56	-				
AV	15.77968G	46.22	54.00	-7.78	15.44	3	Vertical	216	1.56	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5260MHz_TX



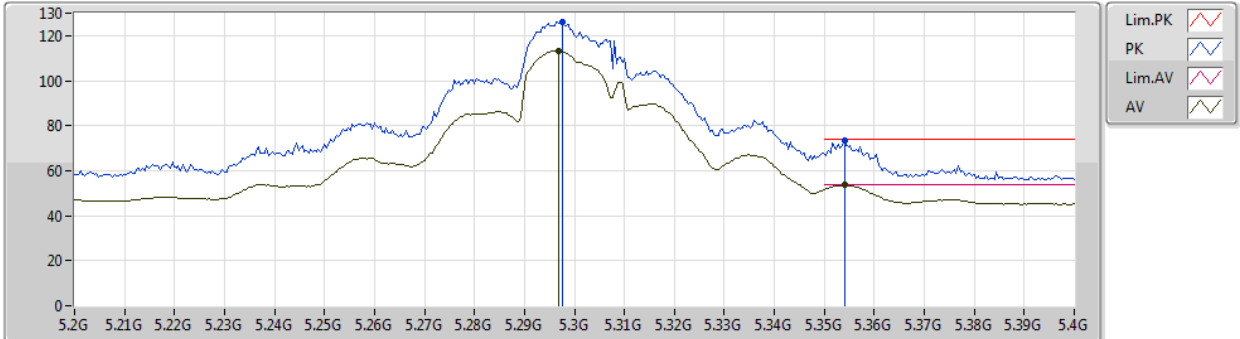
EUT_Z_4TX
Setting 31
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.5156G	63.87	68.20	-4.33	14.56	3	Horizontal	131	2.09	-				
PK	15.7808G	58.09	74.00	-15.91	15.44	3	Horizontal	226	1.49	-				
AV	15.7814G	43.86	54.00	-10.14	15.43	3	Horizontal	226	1.49	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5300MHz_TX



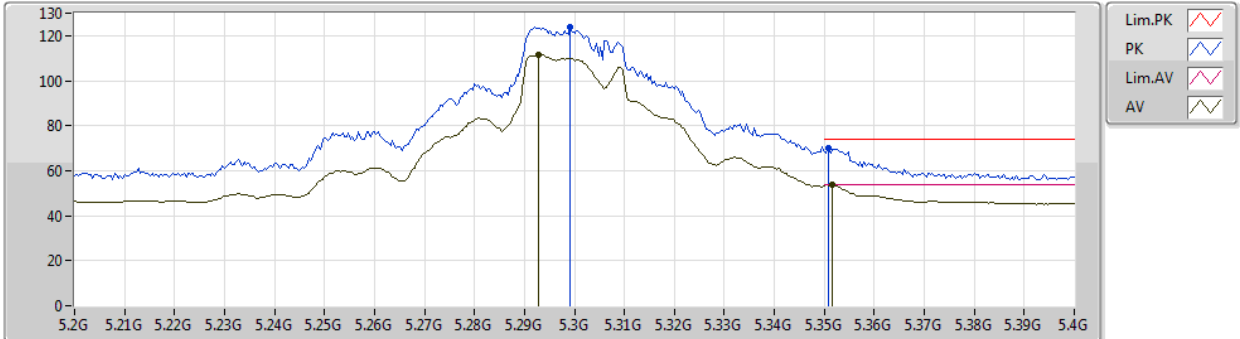
EUT_Z_4TX
Setting 27.5
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.2976G	126.20	Inf	-Inf	8.21	3	Vertical	229	1.62	-				
AV	5.2968G	113.33	Inf	-Inf	8.21	3	Vertical	229	1.62	-				
PK	5.354G	73.14	74.00	-0.86	8.28	3	Vertical	229	1.62	-				
AV	5.354G	53.67	54.00	-0.33	8.28	3	Vertical	229	1.62	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5300MHz_TX



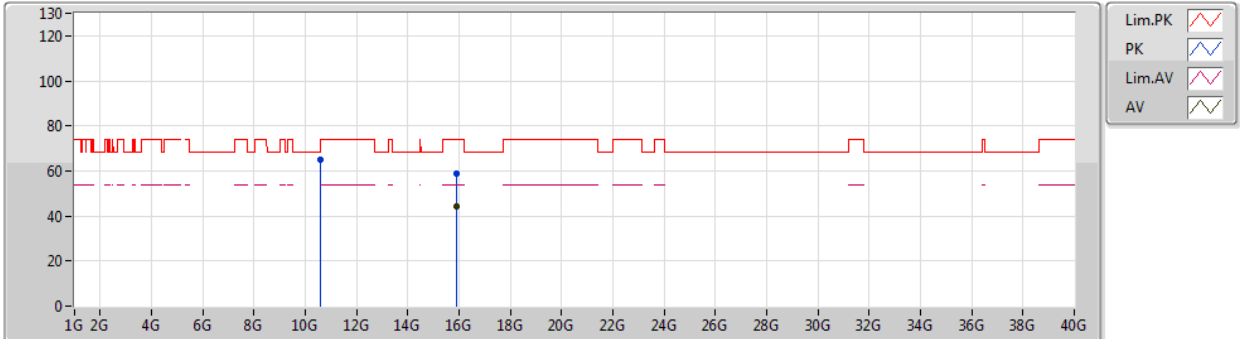
EUT_Z_4TX
Setting 27.5
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.2992G	123.67	Inf	-Inf	8.21	3	Horizontal	277	1.66	-				
AV	5.2928G	111.68	Inf	-Inf	8.20	3	Horizontal	277	1.66	-				
PK	5.3508G	70.04	74.00	-3.96	8.28	3	Horizontal	277	1.66	-				
AV	5.3516G	53.64	54.00	-0.36	8.28	3	Horizontal	277	1.66	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5300MHz_TX



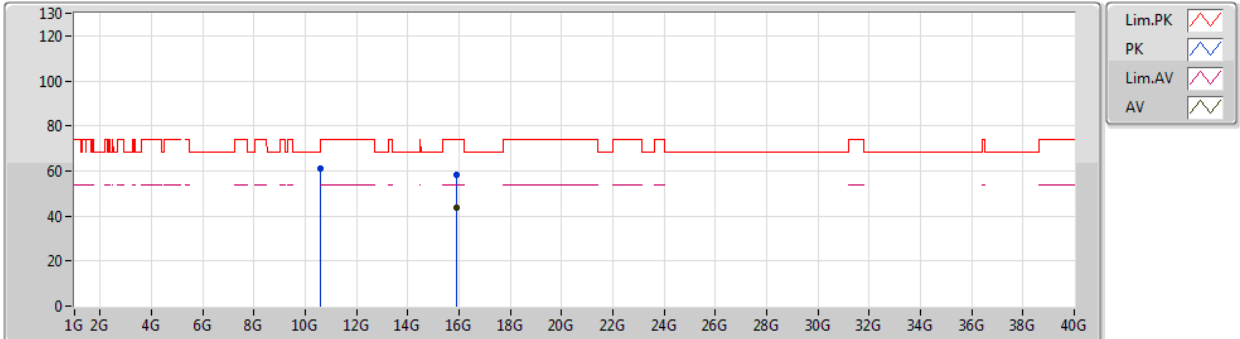
EUT Z_4TX
Setting 27.5
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.59468G	65.05	68.20	-3.15	14.51	3	Vertical	132	2.01	-				
PK	15.899G	58.56	74.00	-15.44	15.13	3	Vertical	211	1.50	-				
AV	15.90128G	44.22	54.00	-9.78	15.13	3	Vertical	211	1.50	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5300MHz_TX



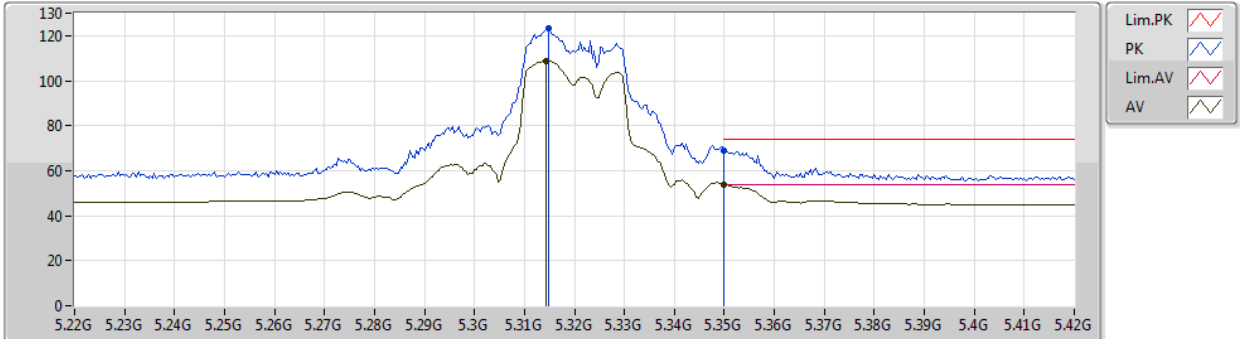
EUT Z_4TX
Setting 27.5
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.59756G	61.08	68.20	-7.12	14.51	3	Horizontal	129	2.07	-				
PK	15.90964G	58.43	74.00	-15.57	15.10	3	Horizontal	216	1.45	-				
AV	15.89G	43.78	54.00	-10.22	15.15	3	Horizontal	216	1.45	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5320MHz_TX



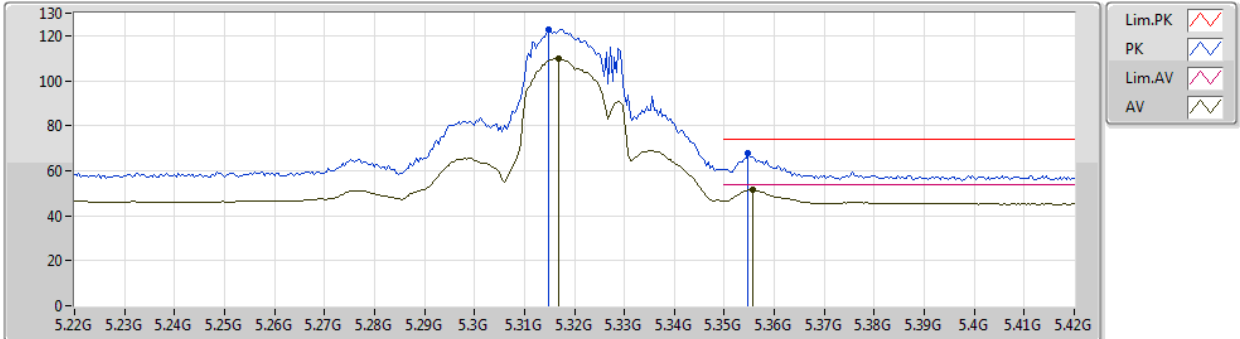
EUT_Z_4TX
Setting 23
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3148G	123.01	Inf	-Inf	8.23	3	Vertical	278	1.50	-				
AV	5.3144G	108.79	Inf	-Inf	8.23	3	Vertical	278	1.50	-				
PK	5.35G	69.13	74.00	-4.87	8.28	3	Vertical	278	1.50	-				
AV	5.35G	53.83	54.00	-0.17	8.28	3	Vertical	278	1.50	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

03/06/2019

5320MHz_TX



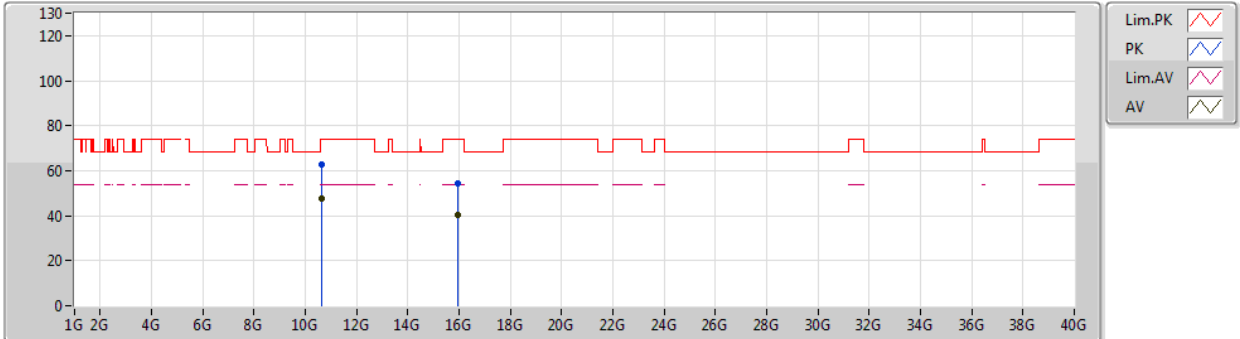
EUT_Z_4TX
Setting 23
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3148G	122.81	Inf	-Inf	8.23	3	Horizontal	269	1.50	-				
AV	5.3168G	109.67	Inf	-Inf	8.23	3	Horizontal	269	1.50	-				
PK	5.3548G	67.53	74.00	-6.47	8.28	3	Horizontal	269	1.50	-				
AV	5.3556G	51.46	54.00	-2.54	8.28	3	Horizontal	269	1.50	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

03/06/2019



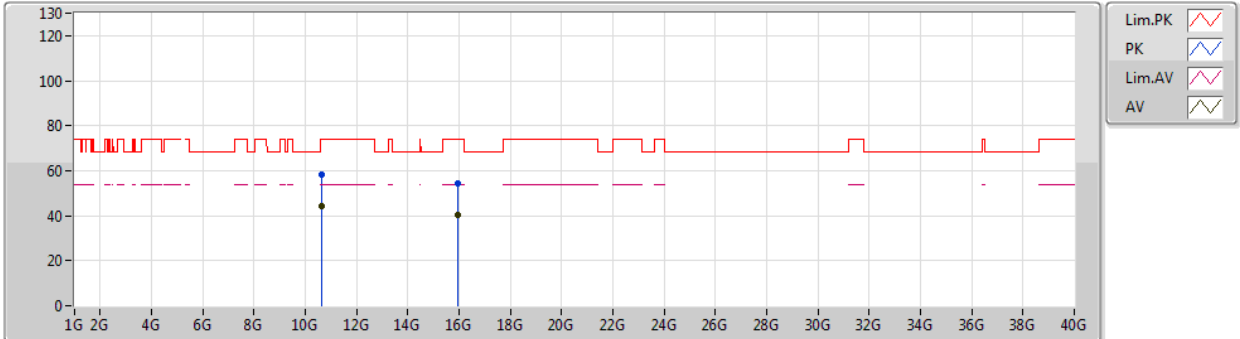
EUT_Z_4TX
Setting 23
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.63416G	62.70	74.00	-11.30	14.49	3	Vertical	124	1.97	-				
AV	10.6348G	47.74	54.00	-6.26	14.49	3	Vertical	124	1.97	-				
PK	15.9506G	54.31	74.00	-19.69	14.98	3	Vertical	140	1.90	-				
AV	15.95424G	40.47	54.00	-13.53	14.97	3	Vertical	140	1.90	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

5320MHz_TX

03/06/2019



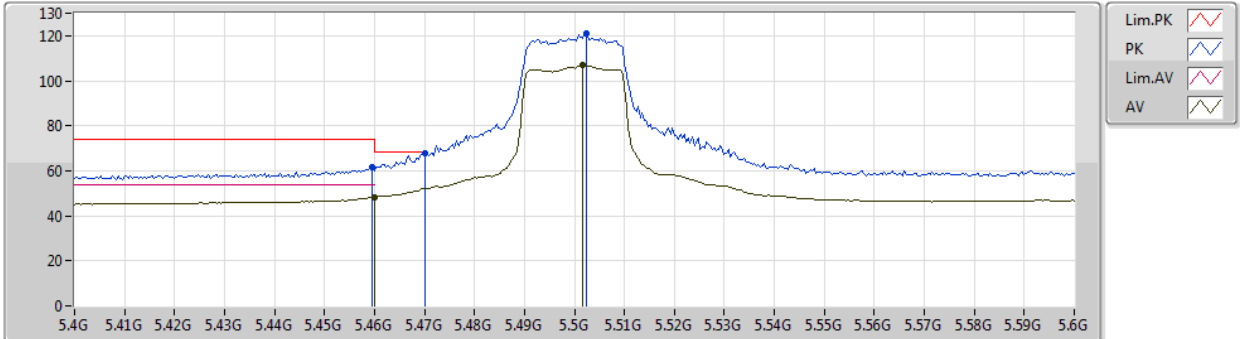
EUT_Z_4TX
Setting 23
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.6436G	58.19	74.00	-15.81	14.49	3	Horizontal	133	1.35	-				
AV	10.64472G	44.54	54.00	-9.46	14.48	3	Horizontal	133	1.35	-				
PK	15.9614G	54.27	74.00	-19.73	14.96	3	Horizontal	163	1.86	-				
AV	15.96636G	40.10	54.00	-13.90	14.95	3	Horizontal	163	1.86	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5500MHz_TX



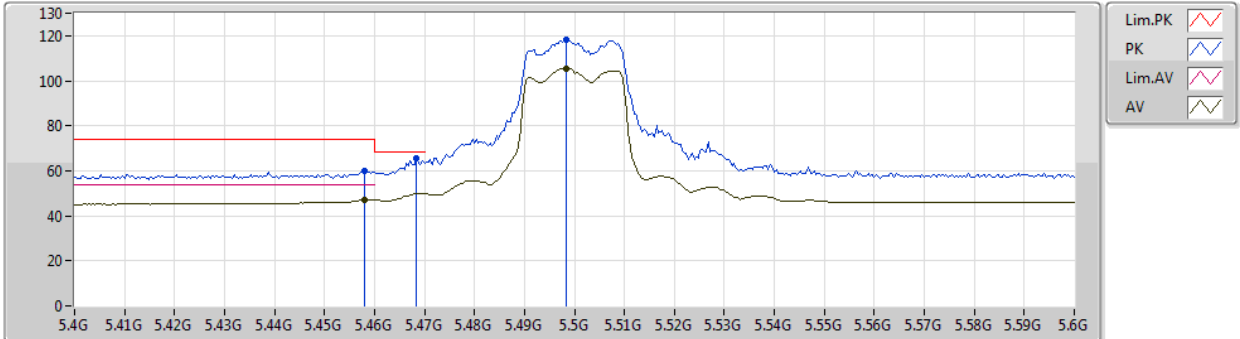
EUT_Z_2TX
Setting 22
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4596G	61.59	74.00	-12.41	8.45	3	Vertical	19	1.57	-				
AV	5.46G	48.40	54.00	-5.60	8.45	3	Vertical	19	1.57	-				
PK	5.47G	67.91	68.20	-0.29	8.46	3	Vertical	19	1.57	-				
PK	5.5024G	121.13	Inf	-Inf	8.52	3	Vertical	19	1.57	-				
AV	5.5016G	106.75	Inf	-Inf	8.52	3	Vertical	19	1.57	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5500MHz_TX



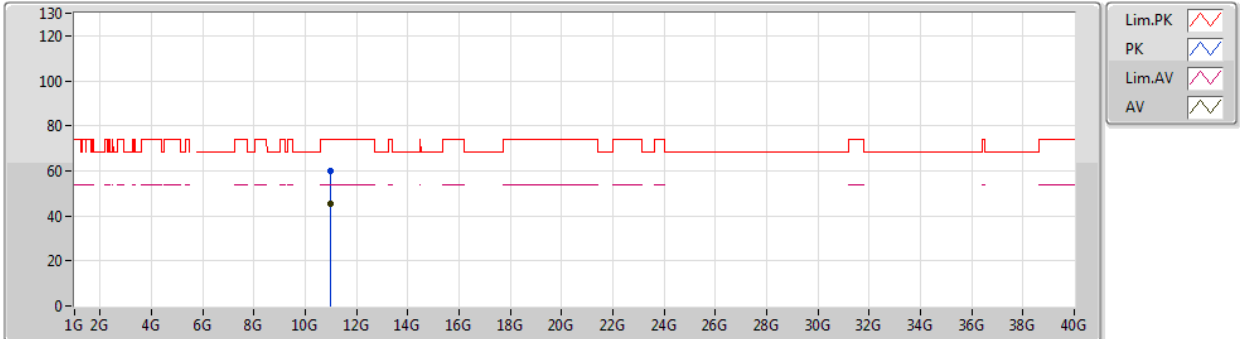
EUT_Z_2TX
Setting 22
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.458G	59.88	74.00	-14.12	8.45	3	Horizontal	144	2.46	-				
AV	5.458G	47.10	54.00	-6.90	8.45	3	Horizontal	144	2.46	-				
PK	5.4684G	65.49	68.20	-2.71	8.46	3	Horizontal	144	2.46	-				
PK	5.4984G	118.40	Inf	-Inf	8.52	3	Horizontal	144	2.46	-				
AV	5.4984G	105.53	Inf	-Inf	8.52	3	Horizontal	144	2.46	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5500MHz_TX



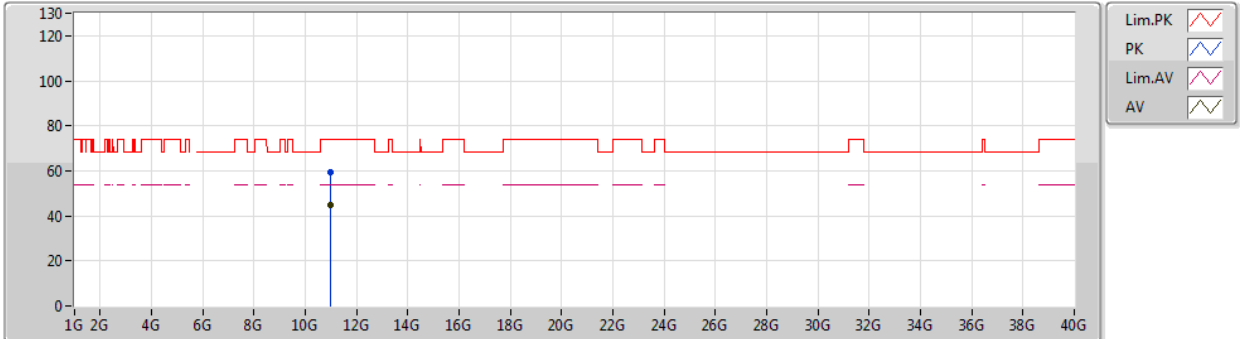
EUT_Z_2TX
Setting 22
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.0024G	60.11	74.00	-13.89	14.26	3	Vertical	229	1.83	-				
AV	11.0016G	45.53	54.00	-8.47	14.26	3	Vertical	229	1.83	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5500MHz_TX



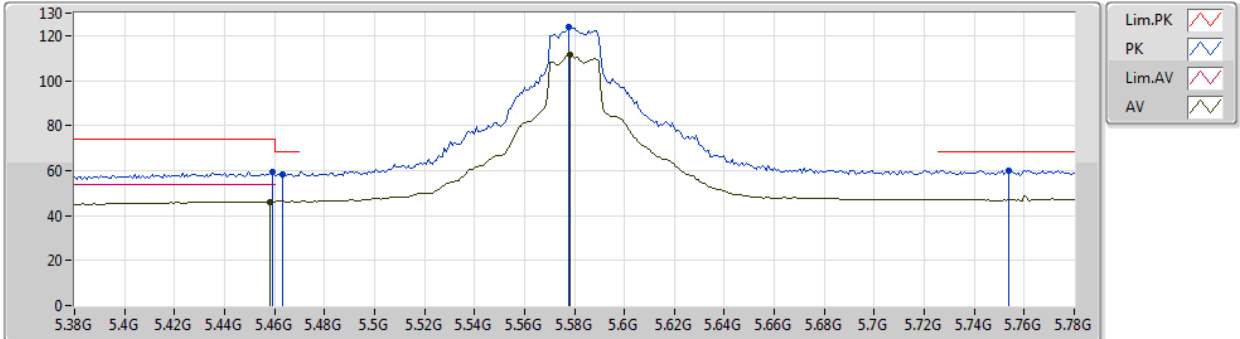
EUT_Z_2TX
Setting 22
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.0028G	59.49	74.00	-14.51	14.26	3	Horizontal	152	1.51	-				
AV	11.0016G	44.67	54.00	-9.33	14.26	3	Horizontal	152	1.51	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5580MHz_TX



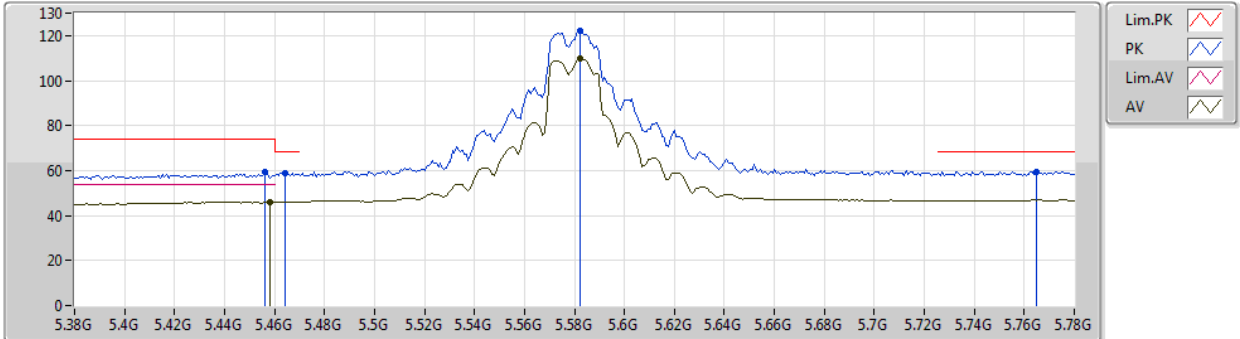
EUT_Z_2TX
Setting 28
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4592G	59.52	74.00	-14.48	8.45	3	Vertical	345	2.25	-				
AV	5.4584G	46.13	54.00	-7.87	8.45	3	Vertical	345	2.25	-				
PK	5.4632G	58.30	68.20	-9.90	8.45	3	Vertical	345	2.25	-				
PK	5.5776G	123.96	Inf	-Inf	8.57	3	Vertical	345	2.25	-				
AV	5.5784G	111.29	Inf	-Inf	8.57	3	Vertical	345	2.25	-				
PK	5.7536G	60.15	68.20	-8.05	8.83	3	Vertical	345	2.25	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5580MHz_TX



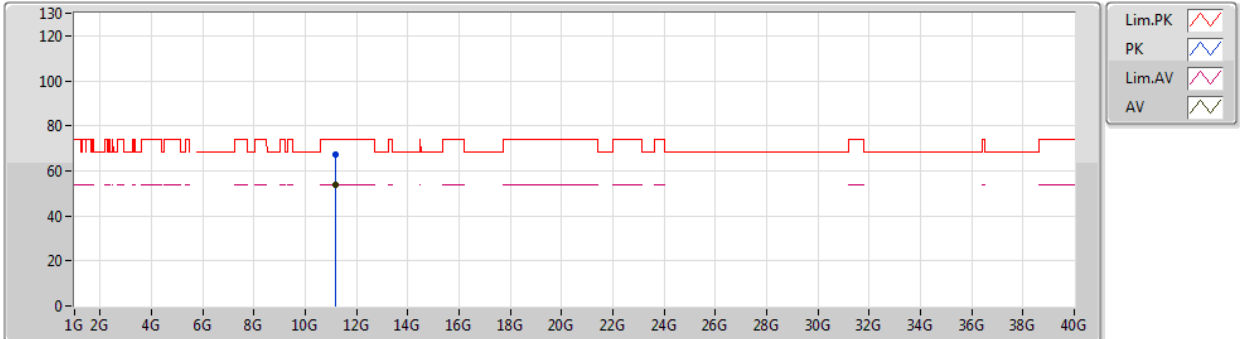
EUT_Z_2TX
Setting 28
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.456G	59.14	74.00	-14.86	8.44	3	Horizontal	144	2.35	-				
AV	5.4584G	45.89	54.00	-8.11	8.45	3	Horizontal	144	2.35	-				
PK	5.464G	58.97	68.20	-9.23	8.45	3	Horizontal	144	2.35	-				
PK	5.5824G	122.30	Inf	-Inf	8.57	3	Horizontal	144	2.35	-				
AV	5.5824G	109.93	Inf	-Inf	8.57	3	Horizontal	144	2.35	-				
PK	5.7648G	59.55	68.20	-8.65	8.84	3	Horizontal	144	2.35	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5580MHz_TX



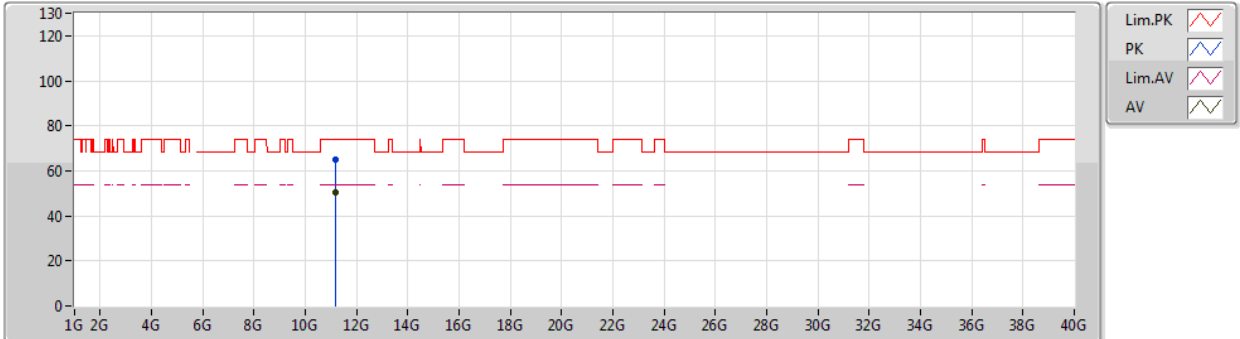
EUT_Z_2TX
Setting 28
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.1592G	67.39	74.00	-6.61	14.46	3	Vertical	165	3.00	-				
AV	11.16G	53.83	54.00	-0.17	14.46	3	Vertical	165	3.00	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5580MHz_TX



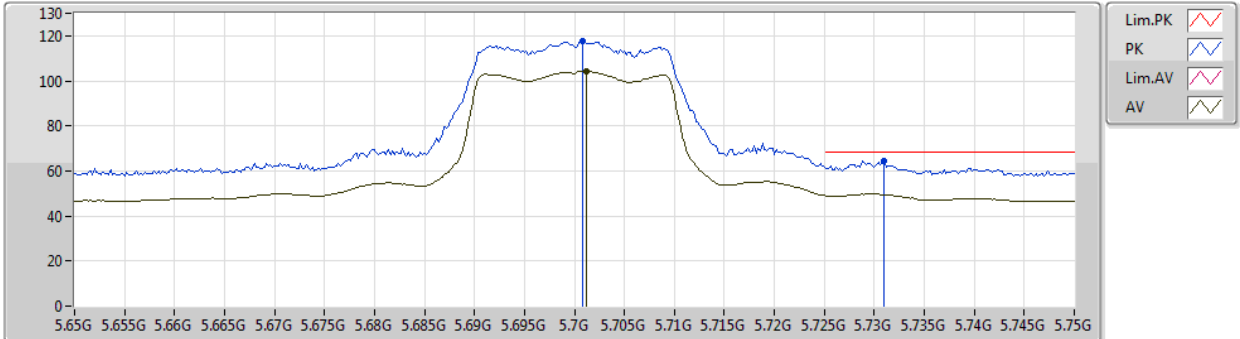
EUT_Z_2TX
Setting 28
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.16056G	64.82	74.00	-9.18	14.47	3	Horizontal	134	1.43	-				
AV	11.1604G	50.28	54.00	-3.72	14.47	3	Horizontal	134	1.43	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5700MHz_TX



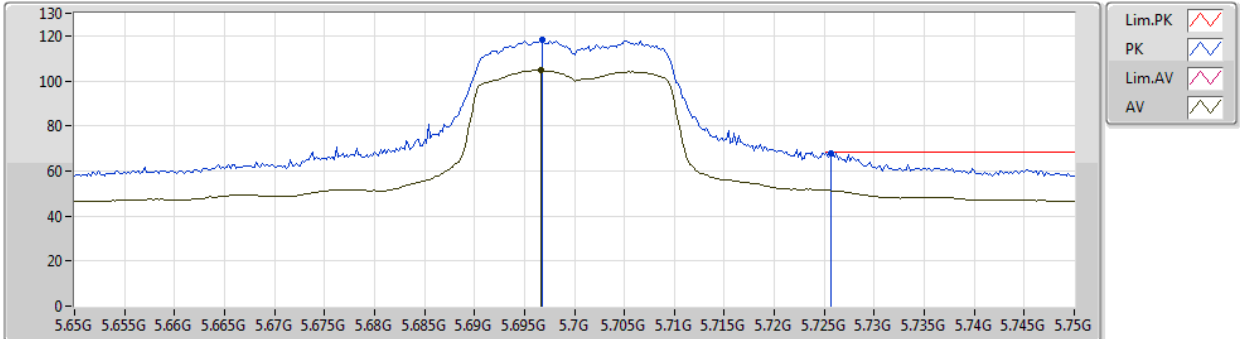
EUT_Z_2TX
Setting 21.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.7008G	117.89	Inf	-Inf	8.75	3	Vertical	33	1.48	-				
AV	5.7012G	104.45	Inf	-Inf	8.75	3	Vertical	33	1.48	-				
PK	5.731G	64.28	68.20	-3.92	8.80	3	Vertical	33	1.48	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5700MHz_TX



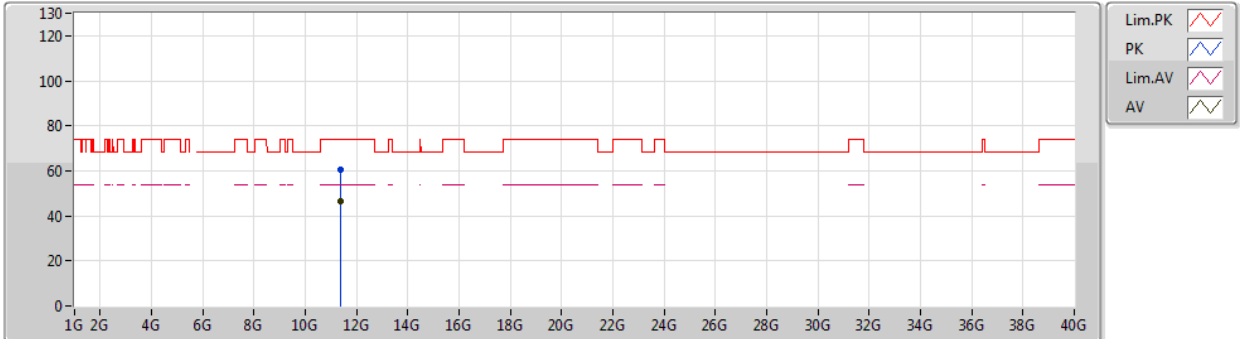
EUT_Z_2TX
Setting 21.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.6968G	117.98	Inf	-Inf	8.75	3	Horizontal	156	1.70	-				
AV	5.6966G	104.77	Inf	-Inf	8.75	3	Horizontal	156	1.70	-				
PK	5.7256G	67.91	68.20	-0.29	8.79	3	Horizontal	156	1.70	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5700MHz_TX



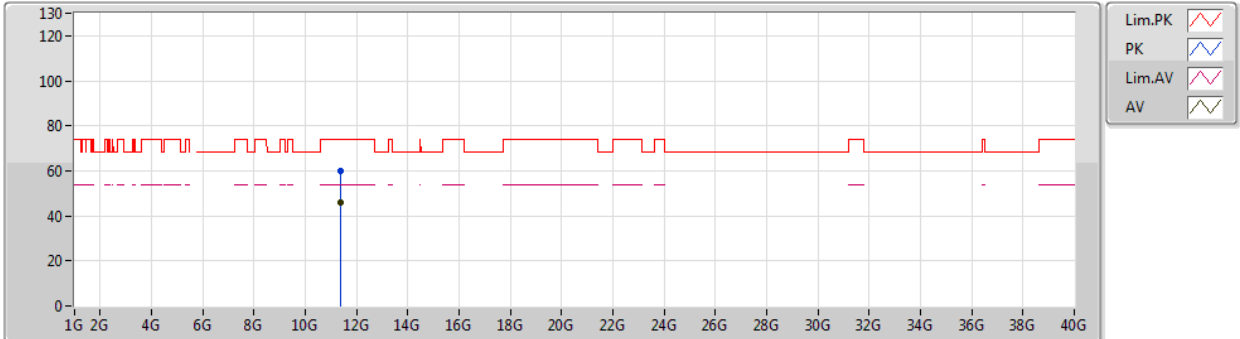
EUT_Z_2TX
Setting 21.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.39816G	60.49	74.00	-13.51	14.77	3	Vertical	169	2.68	-				
AV	11.39776G	46.43	54.00	-7.57	14.77	3	Vertical	169	2.68	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5700MHz_TX



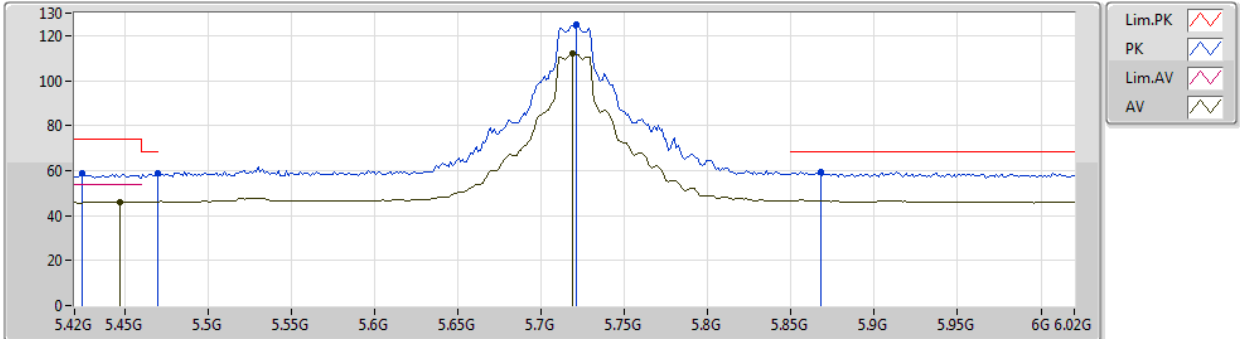
EUT_Z_2TX
Setting 21.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.40016G	59.83	74.00	-14.17	14.77	3	Horizontal	133	1.36	-				
AV	11.40088G	45.81	54.00	-8.19	14.77	3	Horizontal	133	1.36	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5720MHz Straddle 5.47-5.725GHz_TX



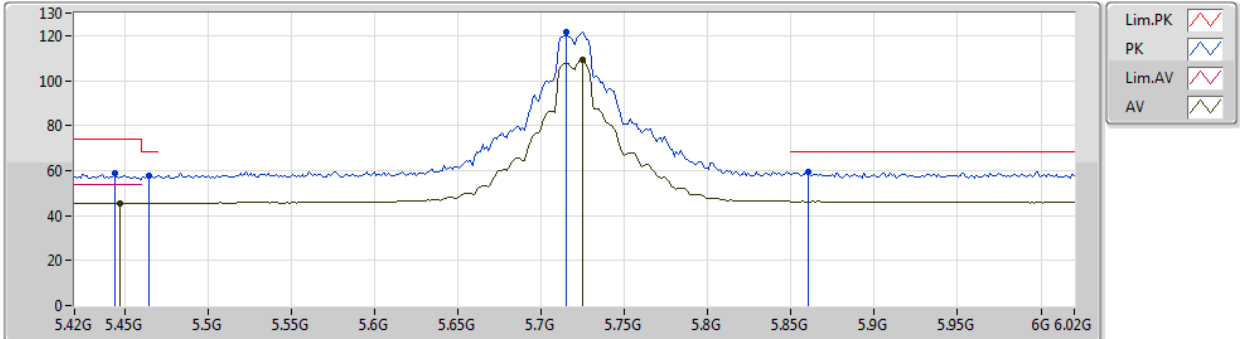
EUT_Z_2TX
Setting 29
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4248G	58.57	74.00	-15.43	8.38	3	Vertical	21	1.70	-				
AV	5.4476G	45.97	54.00	-8.03	8.42	3	Vertical	21	1.70	-				
PK	5.47G	58.71	68.20	-9.49	8.46	3	Vertical	21	1.70	-				
PK	5.7212G	124.69	Inf	-Inf	8.78	3	Vertical	21	1.70	-				
AV	5.7188G	111.99	Inf	-Inf	8.77	3	Vertical	21	1.70	-				
PK	5.8676G	59.62	68.20	-8.58	8.91	3	Vertical	21	1.70	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5720MHz Straddle 5.47-5.725GHz_TX



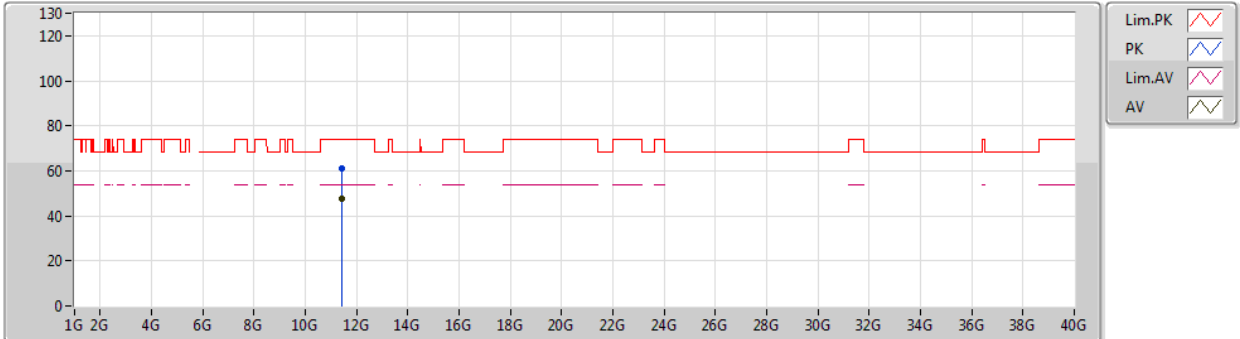
EUT_Z_2TX
Setting 29
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.444G	58.62	74.00	-15.38	8.42	3	Horizontal	162	1.50	-				
AV	5.4476G	45.53	54.00	-8.47	8.42	3	Horizontal	162	1.50	-				
PK	5.4644G	57.53	68.20	-10.67	8.45	3	Horizontal	162	1.50	-				
PK	5.7152G	121.81	Inf	-Inf	8.77	3	Horizontal	162	1.50	-				
AV	5.7248G	109.21	Inf	-Inf	8.78	3	Horizontal	162	1.50	-				
PK	5.8604G	59.31	68.20	-8.89	8.91	3	Horizontal	162	1.50	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5720MHz Straddle 5.47-5.725GHz_TX



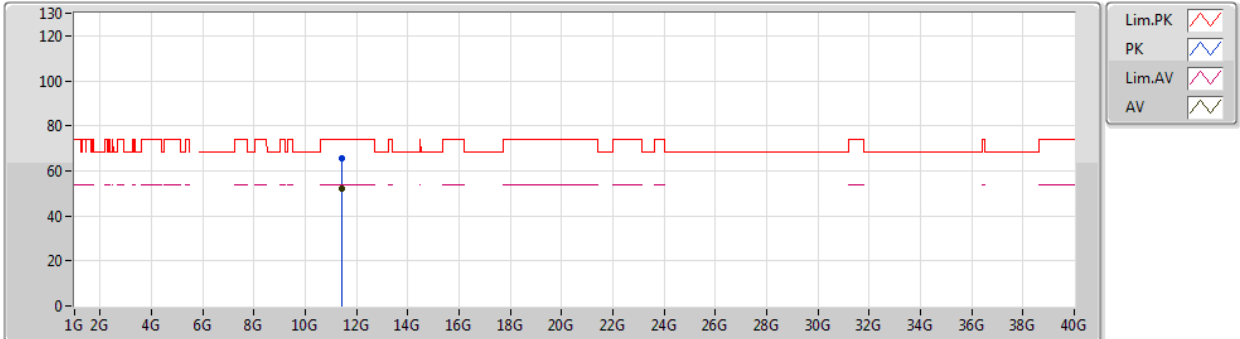
EUT_Z_2TX
Setting 29
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.43464G	61.24	74.00	-12.76	14.82	3	Vertical	223	1.49	-				
AV	11.4368G	47.87	54.00	-6.13	14.82	3	Vertical	223	1.49	-				

802.11ax HEW20_Nss1,(MCS0)_2TX

21/06/2019

5720MHz Straddle 5.47-5.725GHz_TX



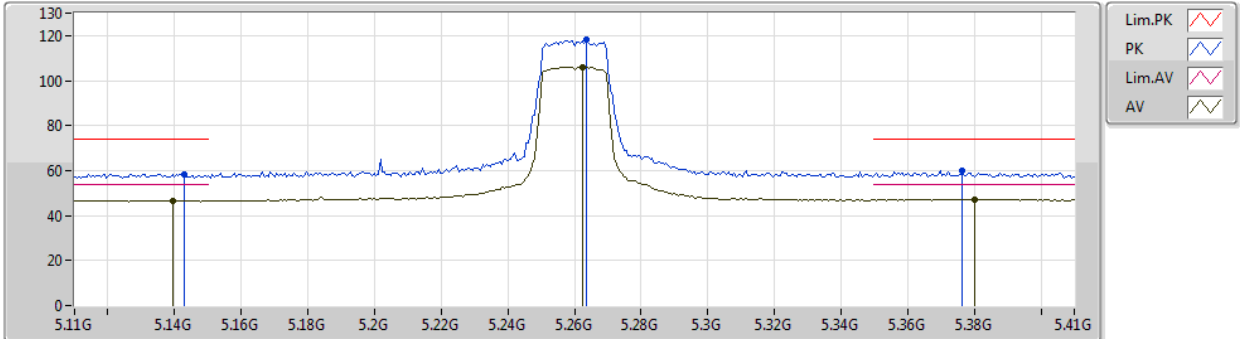
EUT_Z_2TX
Setting 29
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.43336G	65.43	74.00	-8.57	14.82	3	Horizontal	146	1.07	-				
AV	11.44192G	51.87	54.00	-2.13	14.82	3	Horizontal	146	1.07	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/06/2019

5260MHz_TX



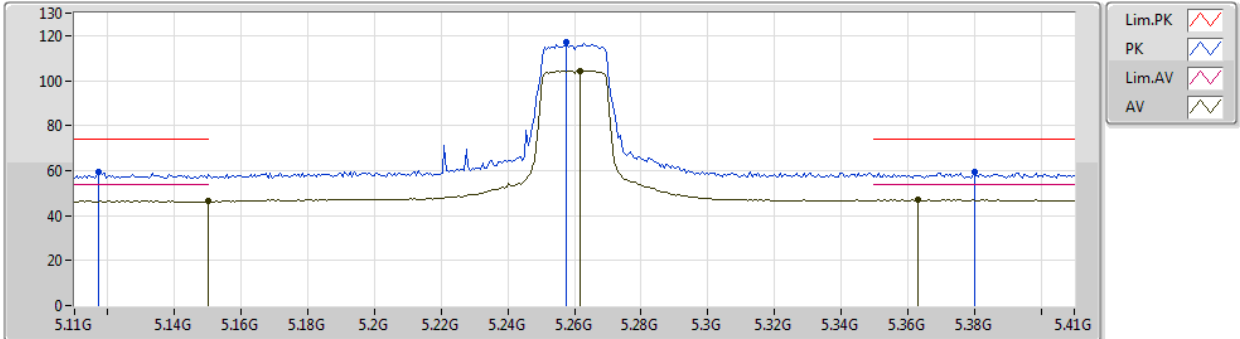
EUT_Z_4TX
Setting 24
02-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.143G	58.46	74.00	-15.54	7.94	3	Vertical	273	1.50	-				
AV	5.1394G	46.73	54.00	-7.27	7.93	3	Vertical	273	1.50	-				
PK	5.2636G	118.06	Inf	-Inf	8.16	3	Vertical	273	1.50	-				
AV	5.2624G	106.06	Inf	-Inf	8.15	3	Vertical	273	1.50	-				
PK	5.3764G	59.79	74.00	-14.21	8.31	3	Vertical	273	1.50	-				
AV	5.38G	47.31	54.00	-6.69	8.32	3	Vertical	273	1.50	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/06/2019

5260MHz_TX



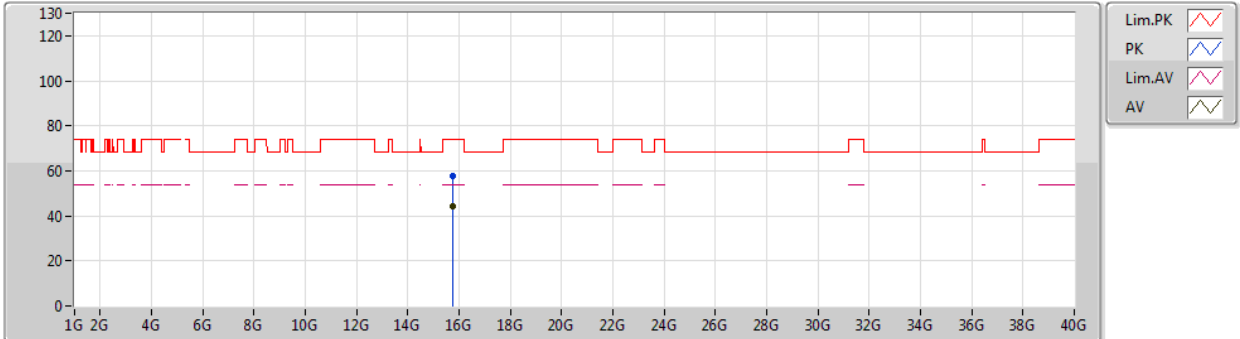
EUT_Z_4TX
Setting 24
02-B-4-10
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.1172G	59.13	74.00	-14.87	7.88	3	Horizontal	80	1.35	-				
AV	5.15G	46.57	54.00	-7.43	7.94	3	Horizontal	80	1.35	-				
PK	5.2576G	117.37	Inf	-Inf	8.15	3	Horizontal	80	1.35	-				
AV	5.2618G	104.33	Inf	-Inf	8.15	3	Horizontal	80	1.35	-				
PK	5.38G	59.14	74.00	-14.86	8.32	3	Horizontal	80	1.35	-				
AV	5.3632G	47.08	54.00	-6.92	8.29	3	Horizontal	80	1.35	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/06/2019

5260MHz_TX



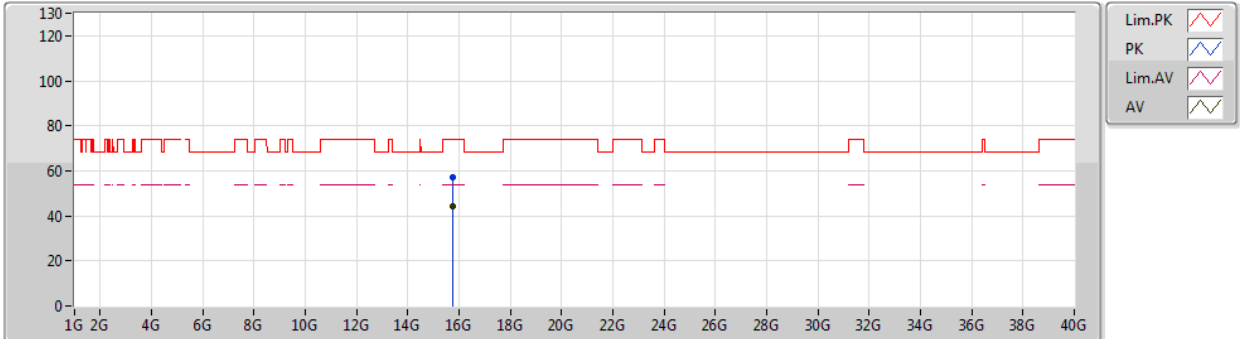
EUT_Z_4TX
Setting 24
02-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.77622G	57.73	74.00	-16.27	15.45	3	Vertical	307	2.77	-				
AV	15.77676G	44.46	54.00	-9.54	15.45	3	Vertical	307	2.77	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

13/06/2019

5260MHz_TX



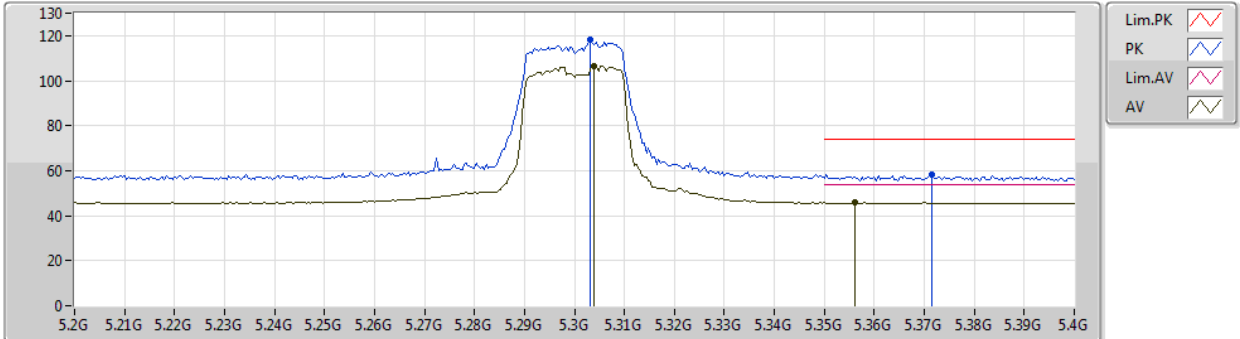
EUT_Z_4TX
Setting 24
02-B-4
FSP(100080)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.77526G	57.41	74.00	-16.59	15.45	3	Horizontal	100	1.75	-				
AV	15.77774G	44.50	54.00	-9.50	15.44	3	Horizontal	100	1.75	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

15/06/2019

5300MHz_TX



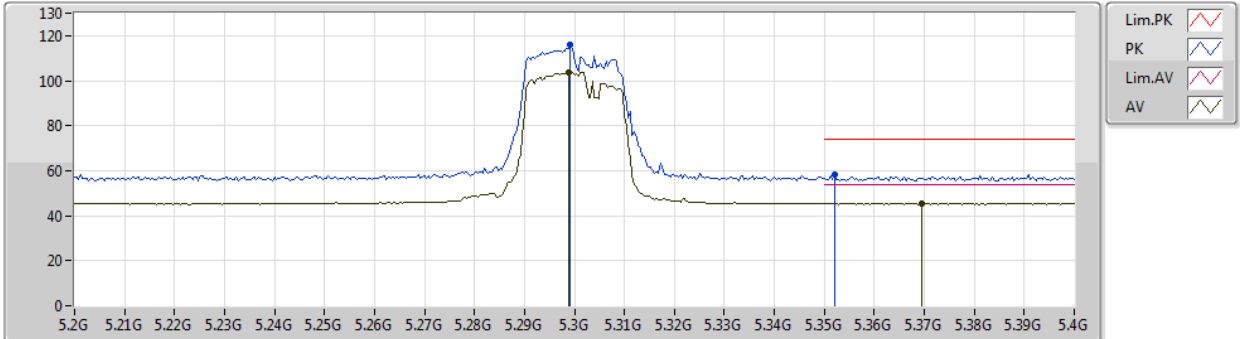
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3032G	118.12	Inf	-Inf	8.21	3	Vertical	268	1.51	-				
AV	5.304G	106.39	Inf	-Inf	8.21	3	Vertical	268	1.51	-				
PK	5.3716G	58.14	74.00	-15.86	8.30	3	Vertical	268	1.51	-				
AV	5.356G	45.72	54.00	-8.28	8.28	3	Vertical	268	1.51	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

15/06/2019



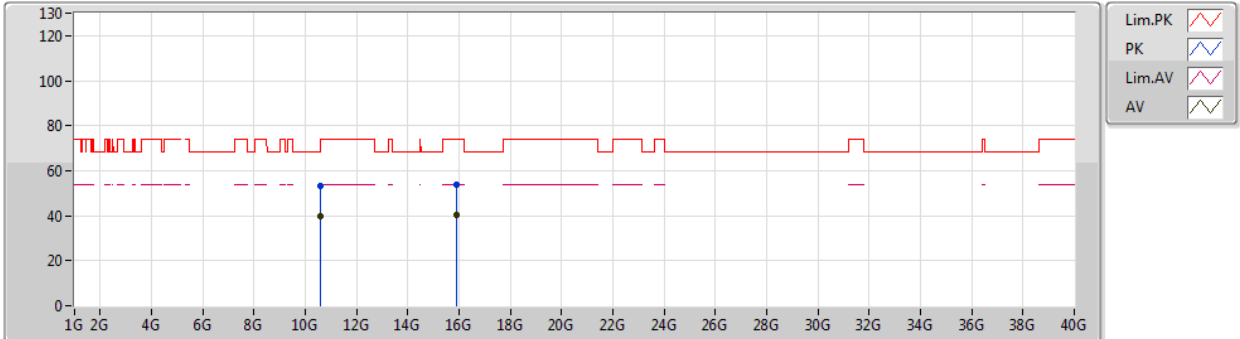
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.2992G	115.74	Inf	-Inf	8.21	3	Horizontal	259	1.46	-				
AV	5.2988G	103.85	Inf	-Inf	8.21	3	Horizontal	259	1.46	-				
PK	5.352G	58.20	74.00	-15.80	8.28	3	Horizontal	259	1.46	-				
AV	5.3696G	45.40	54.00	-8.60	8.30	3	Horizontal	259	1.46	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5300MHz_TX

15/06/2019



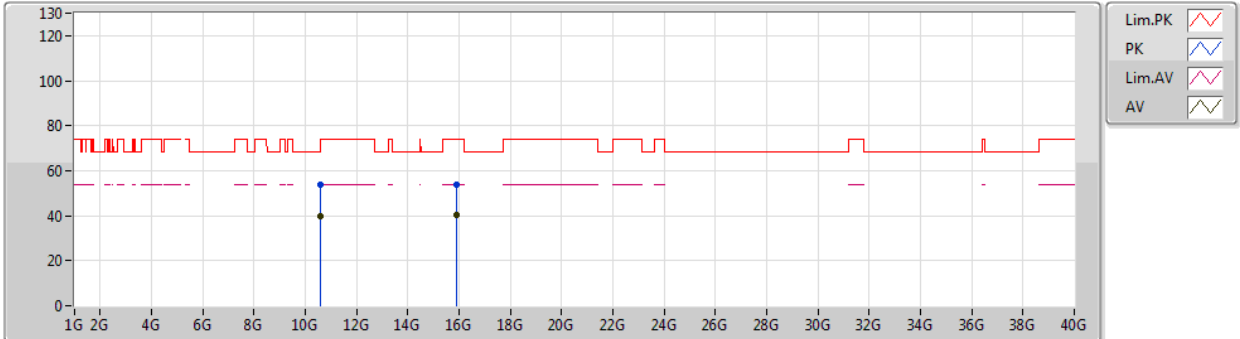
EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.60786G	53.49	74.00	-20.51	14.50	3	Vertical	49	2.09	-				
AV	10.60192G	39.91	54.00	-14.09	14.52	3	Vertical	49	2.09	-				
PK	15.91158G	53.93	74.00	-20.07	15.10	3	Vertical	333	1.14	-				
AV	15.891G	40.20	54.00	-13.80	15.15	3	Vertical	333	1.14	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

15/06/2019

5300MHz_TX



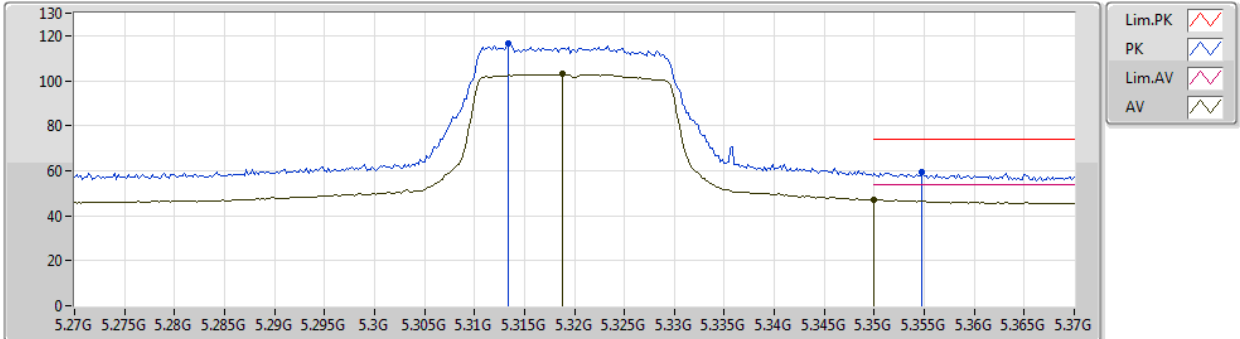
EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.60588G	53.56	74.00	-20.44	14.51	3	Horizontal	152	1.23	-				
AV	10.6077G	40.04	54.00	-13.96	14.50	3	Horizontal	152	1.23	-				
PK	15.8976G	53.54	74.00	-20.46	15.14	3	Horizontal	45	1.45	-				
AV	15.90834G	40.39	54.00	-13.61	15.11	3	Horizontal	45	1.45	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

15/06/2019

5320MHz_TX



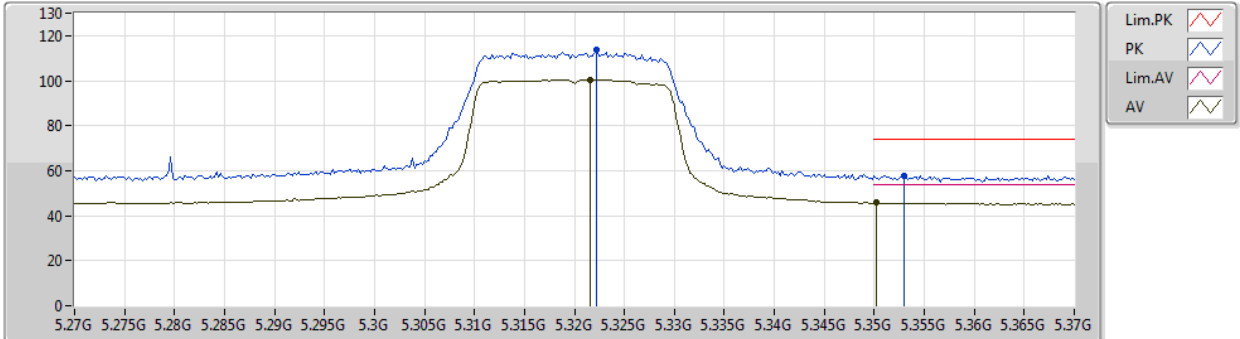
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3134G	116.66	Inf	-Inf	8.22	3	Vertical	272	1.50	-				
AV	5.3188G	102.95	Inf	-Inf	8.23	3	Vertical	272	1.50	-				
PK	5.3548G	59.22	74.00	-14.78	8.28	3	Vertical	272	1.50	-				
AV	5.35G	47.14	54.00	-6.86	8.28	3	Vertical	272	1.50	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

15/06/2019

5320MHz_TX



EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3222G	113.55	Inf	-Inf	8.23	3	Horizontal	284	1.18	-				
AV	5.3216G	100.51	Inf	-Inf	8.23	3	Horizontal	284	1.18	-				
PK	5.353G	57.70	74.00	-16.30	8.28	3	Horizontal	284	1.18	-				
AV	5.3502G	45.78	54.00	-8.22	8.28	3	Horizontal	284	1.18	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5320MHz_TX

15/06/2019



EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.63634G	53.25	74.00	-20.75	14.49	3	Vertical	199	1.86	-				
AV	10.63922G	39.86	54.00	-14.14	14.49	3	Vertical	199	1.86	-				
PK	15.9462G	52.92	74.00	-21.08	15.00	3	Vertical	327	1.65	-				
AV	15.95268G	39.96	54.00	-14.04	14.98	3	Vertical	327	1.65	-				

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

15/06/2019

5320MHz_TX



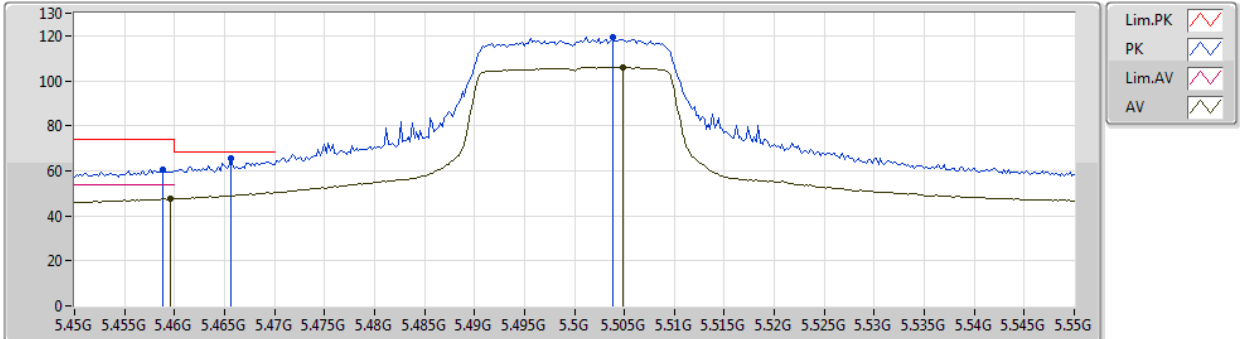
EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.6472G	53.23	74.00	-20.77	14.48	3	Horizontal	214	1.40	-				
AV	10.63616G	39.77	54.00	-14.23	14.49	3	Horizontal	214	1.40	-				
PK	15.95304G	53.29	74.00	-20.71	14.98	3	Horizontal	152	1.98	-				
AV	15.95448G	39.75	54.00	-14.25	14.97	3	Horizontal	152	1.98	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5500MHz_TX



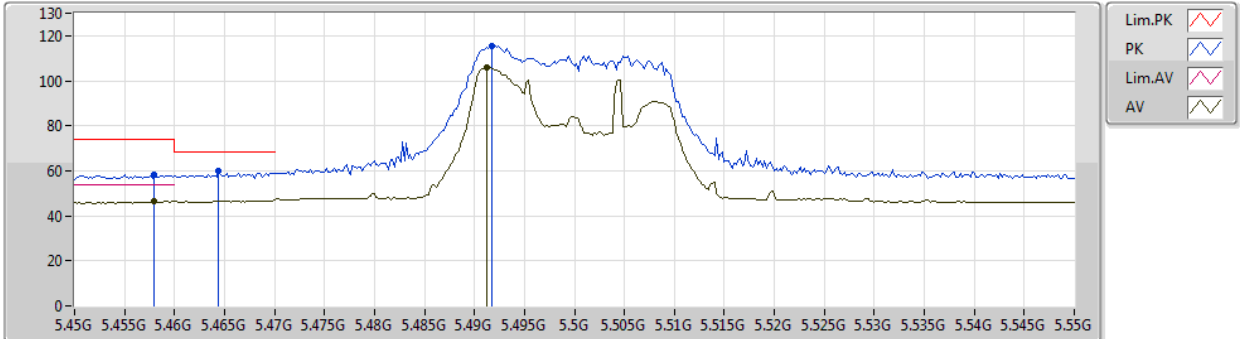
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4588G	60.39	74.00	-13.61	8.45	3	Vertical	29	1.48	-				
AV	5.4596G	47.46	54.00	-6.54	8.45	3	Vertical	29	1.48	-				
PK	5.4656G	65.48	68.20	-2.72	8.46	3	Vertical	29	1.48	-				
PK	5.5038G	119.42	Inf	-Inf	8.52	3	Vertical	29	1.48	-				
AV	5.5048G	105.98	Inf	-Inf	8.52	3	Vertical	29	1.48	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5500MHz_TX



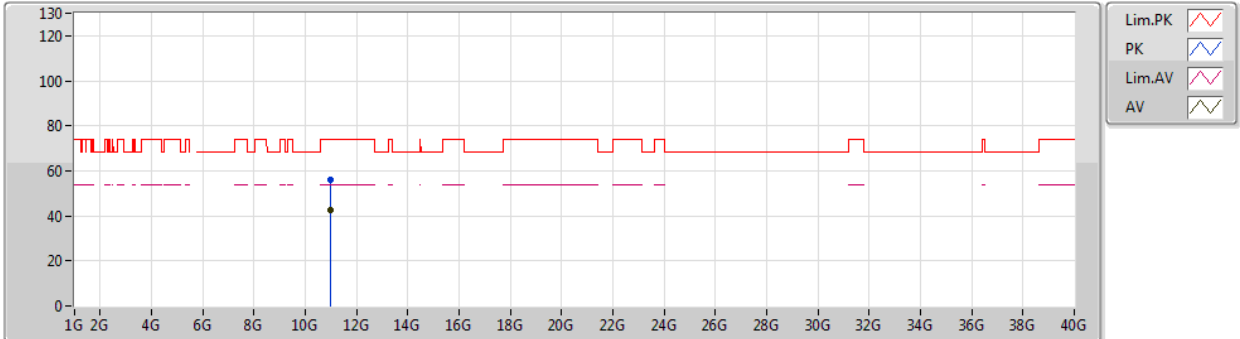
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.458G	58.33	74.00	-15.67	8.45	3	Horizontal	210	1.50	-				
AV	5.458G	46.37	54.00	-7.63	8.45	3	Horizontal	210	1.50	-				
PK	5.4644G	59.76	68.20	-8.44	8.45	3	Horizontal	210	1.50	-				
PK	5.4918G	115.67	Inf	-Inf	8.51	3	Horizontal	210	1.50	-				
AV	5.4912G	105.97	Inf	-Inf	8.51	3	Horizontal	210	1.50	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5500MHz_TX



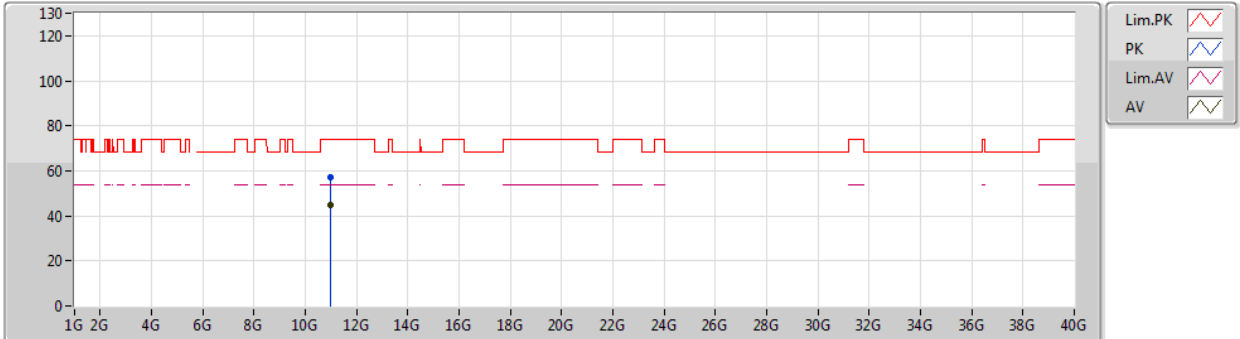
EUT_Z_2TX
Setting 24
02-E-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.00064G	56.31	74.00	-17.69	14.26	3	Vertical	47	1.77	-				
AV	10.99948G	42.53	54.00	-11.47	14.26	3	Vertical	47	1.77	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5500MHz_TX



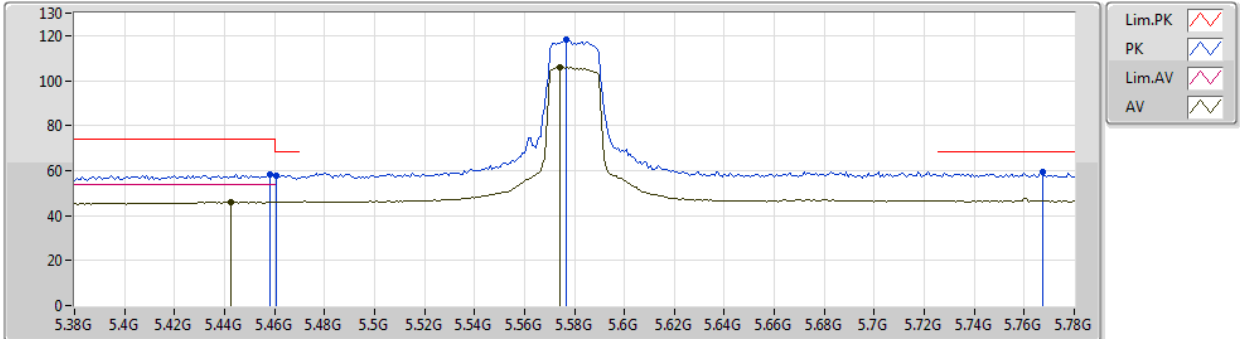
EUT_Z_2TX
Setting 24
02-E-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.99902G	57.16	74.00	-16.84	14.26	3	Horizontal	182	1.69	-				
AV	10.9978G	44.59	54.00	-9.41	14.26	3	Horizontal	182	1.69	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5580MHz_TX



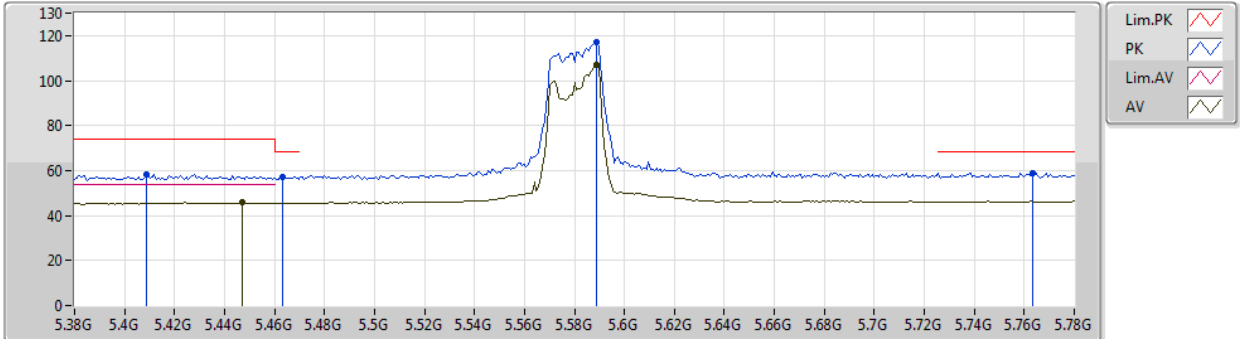
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4584G	58.12	74.00	-15.88	8.45	3	Vertical	351	2.45	-				
AV	5.4424G	46.00	54.00	-8.00	8.42	3	Vertical	351	2.45	-				
PK	5.4608G	57.99	68.20	-10.21	8.45	3	Vertical	351	2.45	-				
PK	5.5768G	117.97	Inf	-Inf	8.57	3	Vertical	351	2.45	-				
AV	5.5744G	105.80	Inf	-Inf	8.56	3	Vertical	351	2.45	-				
PK	5.7672G	59.17	68.20	-9.03	8.85	3	Vertical	351	2.45	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5580MHz_TX



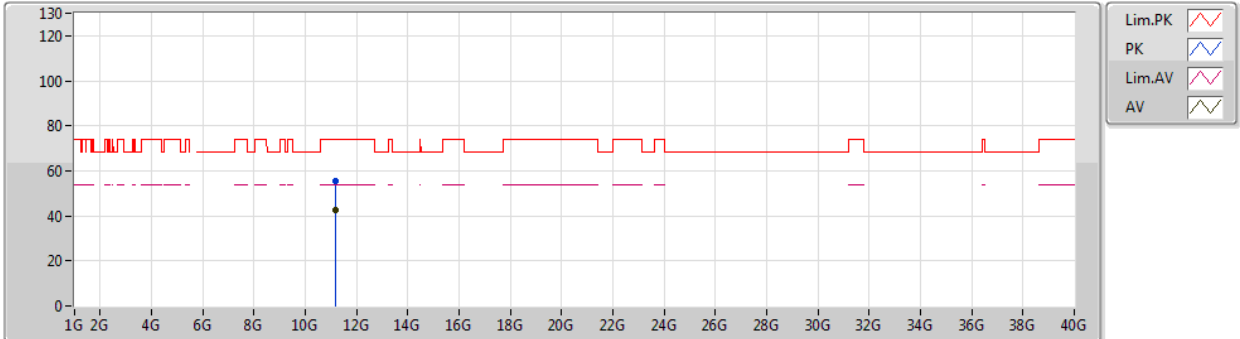
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4088G	58.17	74.00	-15.83	8.35	3	Horizontal	158	1.51	-				
AV	5.4472G	45.75	54.00	-8.25	8.42	3	Horizontal	158	1.51	-				
PK	5.4632G	57.25	68.20	-10.95	8.45	3	Horizontal	158	1.51	-				
PK	5.5888G	116.98	Inf	-Inf	8.57	3	Horizontal	158	1.51	-				
AV	5.5888G	107.14	Inf	-Inf	8.57	3	Horizontal	158	1.51	-				
PK	5.7632G	58.89	68.20	-9.31	8.84	3	Horizontal	158	1.51	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5580MHz_TX



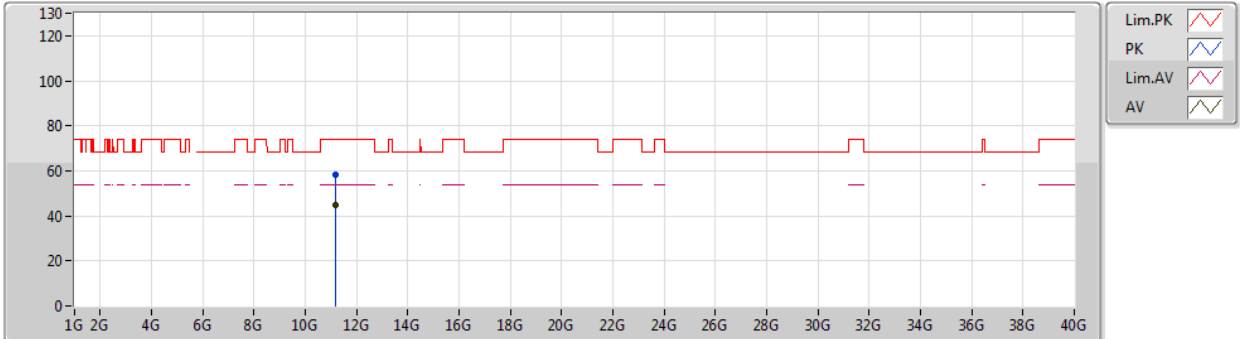
EUT_Z_2TX
Setting 24
02-E-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.15918G	55.67	74.00	-18.33	14.46	3	Vertical	81	1.07	-				
AV	11.16432G	42.43	54.00	-11.57	14.47	3	Vertical	81	1.07	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5580MHz_TX



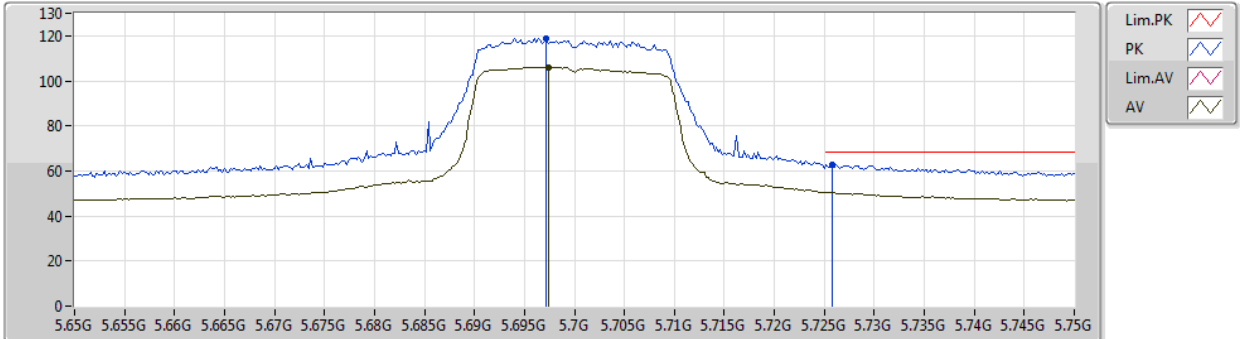
EUT_Z_2TX
Setting 24
02-E-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.15928G	58.14	74.00	-15.86	14.46	3	Horizontal	161	1.83	-				
AV	11.16336G	44.59	54.00	-9.41	14.47	3	Horizontal	161	1.83	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5700MHz_TX



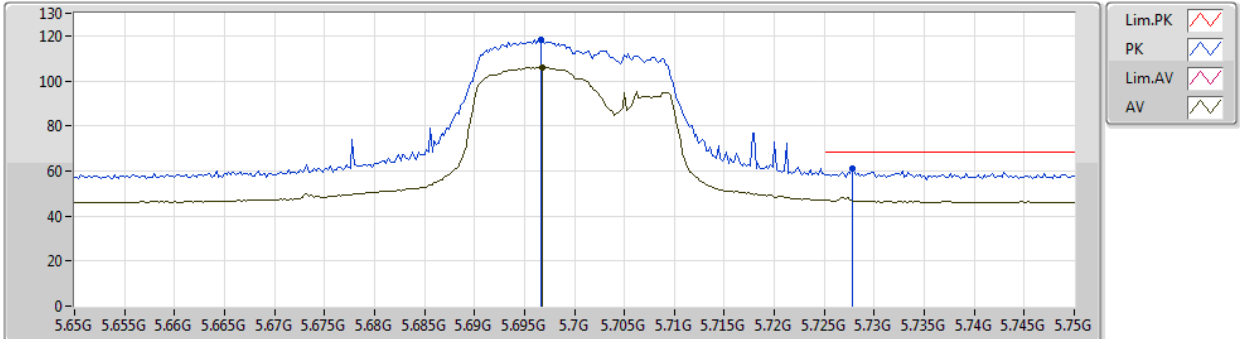
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.6972G	119.02	Inf	-Inf	8.75	3	Vertical	23	1.57	-				
AV	5.6974G	106.09	Inf	-Inf	8.75	3	Vertical	23	1.57	-				
PK	5.7258G	62.70	68.20	-5.50	8.79	3	Vertical	23	1.57	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5700MHz_TX



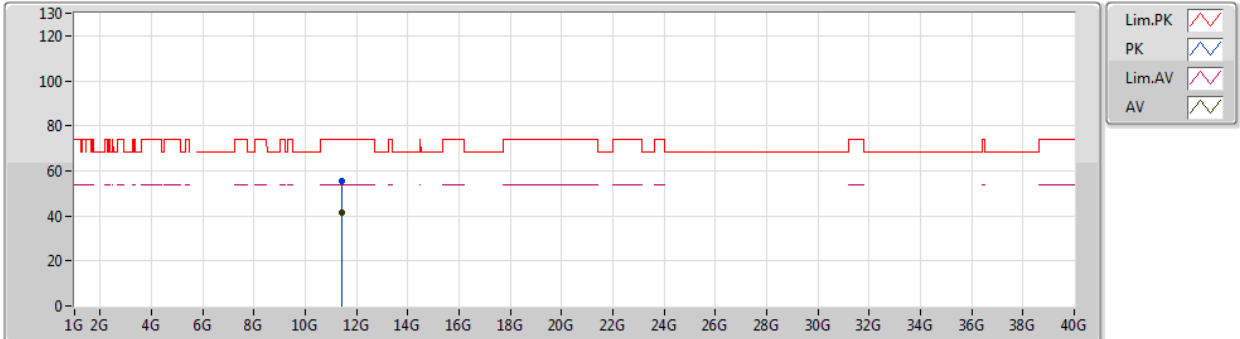
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.6966G	118.26	Inf	-Inf	8.75	3	Horizontal	199	1.28	-				
AV	5.6968G	105.94	Inf	-Inf	8.75	3	Horizontal	199	1.28	-				
PK	5.7278G	61.03	68.20	-7.17	8.80	3	Horizontal	199	1.28	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5700MHz_TX



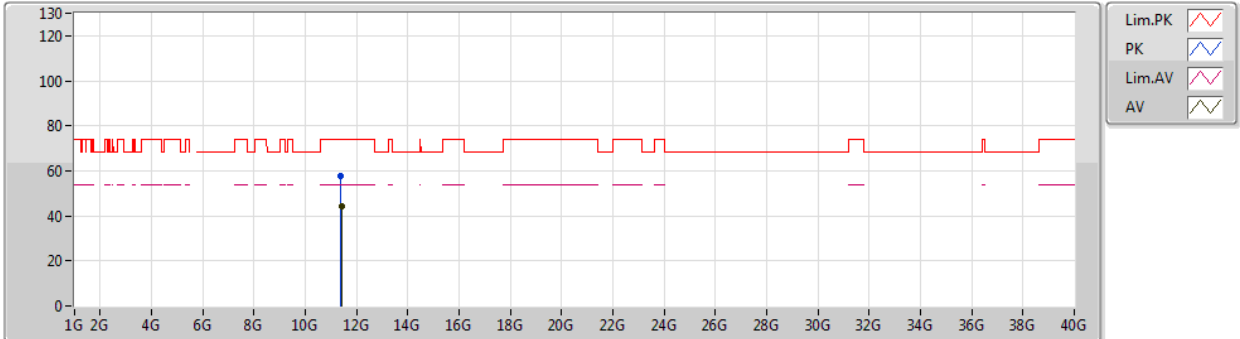
EUT_Z_2TX
Setting 24
02-E-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.4048G	55.33	74.00	-18.67	14.77	3	Vertical	37	1.61	-				
AV	11.40348G	41.25	54.00	-12.75	14.77	3	Vertical	37	1.61	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5700MHz_TX



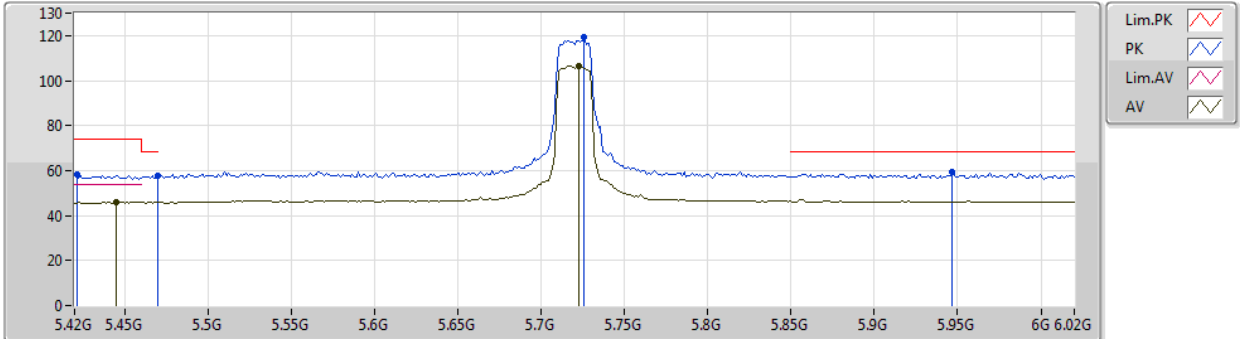
EUT_Z_2TX
Setting 24
02-E-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.39506G	57.61	74.00	-16.39	14.77	3	Horizontal	234	1.66	-				
AV	11.40396G	44.21	54.00	-9.79	14.77	3	Horizontal	234	1.66	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5720MHz Straddle 5.47-5.725GHz_TX



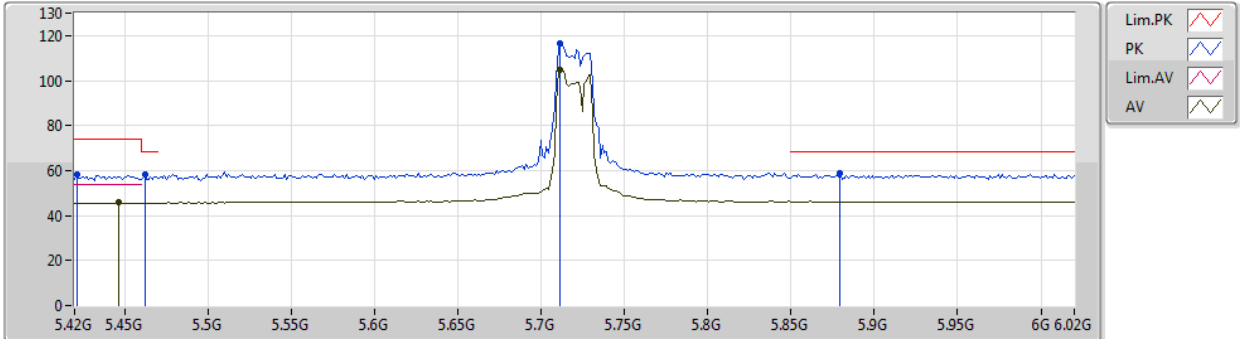
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4212G	58.16	74.00	-15.84	8.38	3	Vertical	6	1.92	-				
AV	5.4452G	45.93	54.00	-8.07	8.42	3	Vertical	6	1.92	-				
PK	5.47G	57.85	68.20	-10.35	8.46	3	Vertical	6	1.92	-				
PK	5.726G	119.17	Inf	-Inf	8.79	3	Vertical	6	1.92	-				
AV	5.7224G	106.25	Inf	-Inf	8.78	3	Vertical	6	1.92	-				
PK	5.9468G	59.17	68.20	-9.03	8.94	3	Vertical	6	1.92	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5720MHz Straddle 5.47-5.725GHz_TX



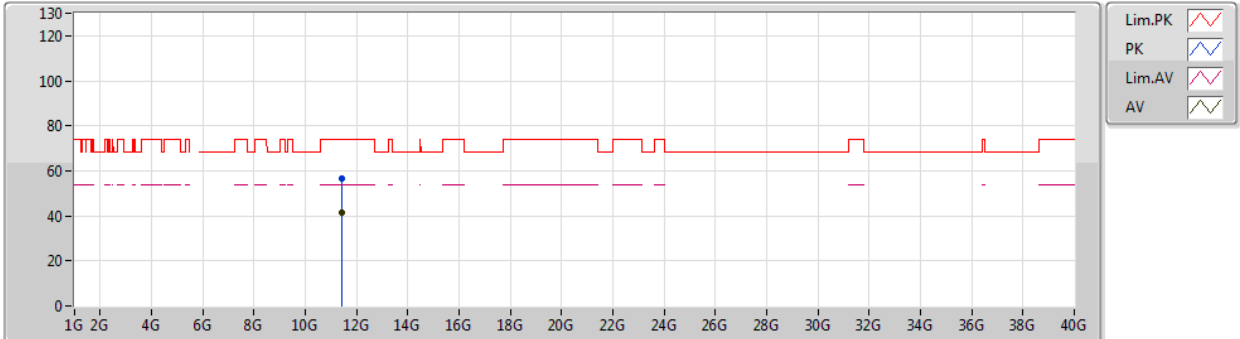
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4212G	58.11	74.00	-15.89	8.38	3	Horizontal	158	1.50	-				
AV	5.4464G	45.69	54.00	-8.31	8.42	3	Horizontal	158	1.50	-				
PK	5.462G	58.16	68.20	-10.04	8.45	3	Horizontal	158	1.50	-				
PK	5.7116G	116.30	Inf	-Inf	8.78	3	Horizontal	158	1.50	-				
AV	5.7116G	105.06	Inf	-Inf	8.78	3	Horizontal	158	1.50	-				
PK	5.8796G	58.79	68.20	-9.41	8.92	3	Horizontal	158	1.50	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5720MHz Straddle 5.47-5.725GHz_TX



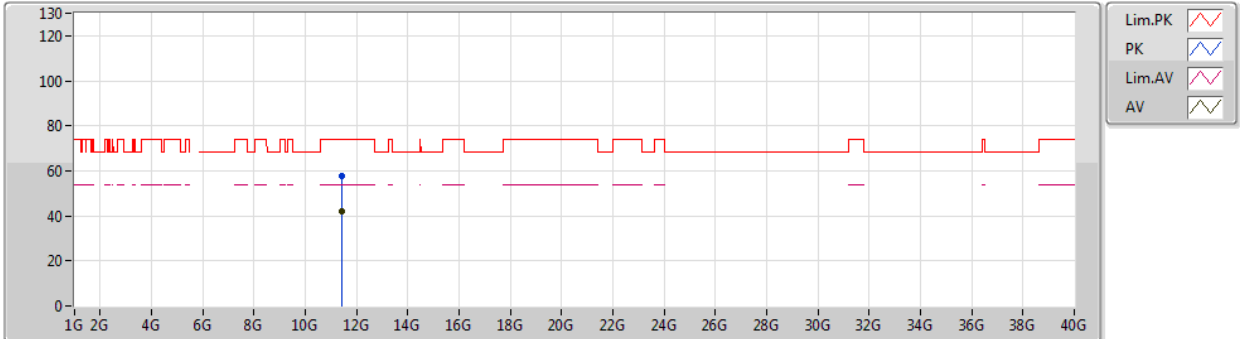
EUT_Z_2TX
Setting 24
02-E-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.43724G	56.55	74.00	-17.45	14.82	3	Vertical	100	1.74	-				
AV	11.44374G	41.28	54.00	-12.72	14.83	3	Vertical	100	1.74	-				

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

22/06/2019

5720MHz Straddle 5.47-5.725GHz_TX



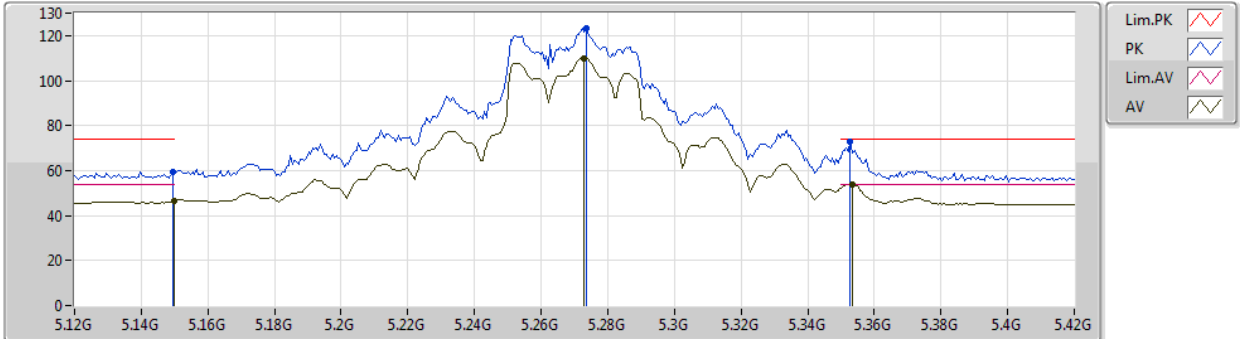
EUT_Z_2TX
Setting 24
02-E-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.43812G	57.79	74.00	-16.21	14.82	3	Horizontal	261	1.57	-				
AV	11.4403G	42.28	54.00	-11.72	14.82	3	Horizontal	261	1.57	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

03/06/2019

5270MHz_TX



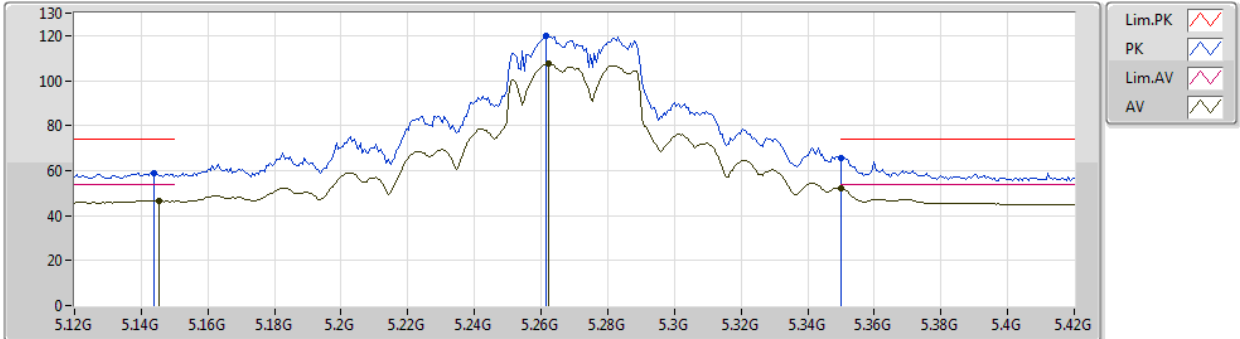
EUT_Z_4TX
Setting 25.5
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.1494G	59.28	74.00	-14.72	7.94	3	Vertical	260	1.33	-				
AV	5.15G	46.62	54.00	-7.38	7.94	3	Vertical	260	1.33	-				
PK	5.2736G	123.18	Inf	-Inf	8.17	3	Vertical	260	1.33	-				
AV	5.273G	110.10	Inf	-Inf	8.17	3	Vertical	260	1.33	-				
PK	5.3528G	72.83	74.00	-1.17	8.28	3	Vertical	260	1.33	-				
AV	5.3534G	53.91	54.00	-0.09	8.28	3	Vertical	260	1.33	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

03/06/2019

5270MHz_TX



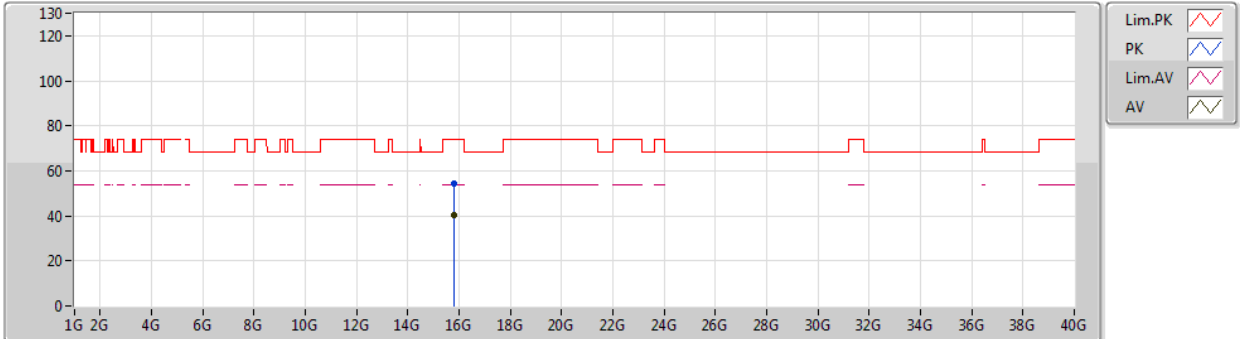
EUT_Z_4TX
Setting 25.5
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.144G	58.86	74.00	-15.14	7.94	3	Horizontal	279	1.50	-				
AV	5.1452G	46.74	54.00	-7.26	7.94	3	Horizontal	279	1.50	-				
PK	5.2616G	120.04	Inf	-Inf	8.15	3	Horizontal	279	1.50	-				
AV	5.2622G	107.34	Inf	-Inf	8.15	3	Horizontal	279	1.50	-				
PK	5.35G	65.78	74.00	-8.22	8.28	3	Horizontal	279	1.50	-				
AV	5.35G	52.14	54.00	-1.86	8.28	3	Horizontal	279	1.50	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

03/06/2019

5270MHz_TX



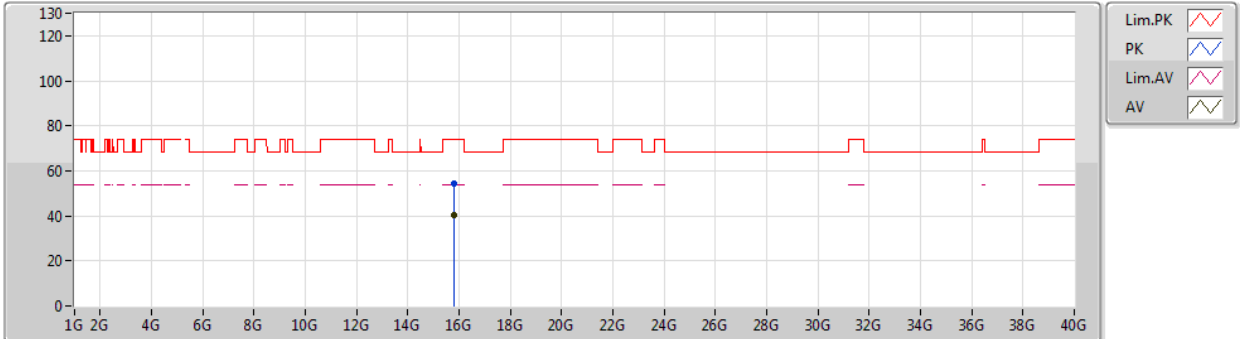
EUT_Z_4TX
Setting 25.5
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.80496G	54.17	74.00	-19.83	15.38	3	Vertical	259	2.12	-				
AV	15.8032G	40.32	54.00	-13.68	15.38	3	Vertical	259	2.12	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

03/06/2019

5270MHz_TX



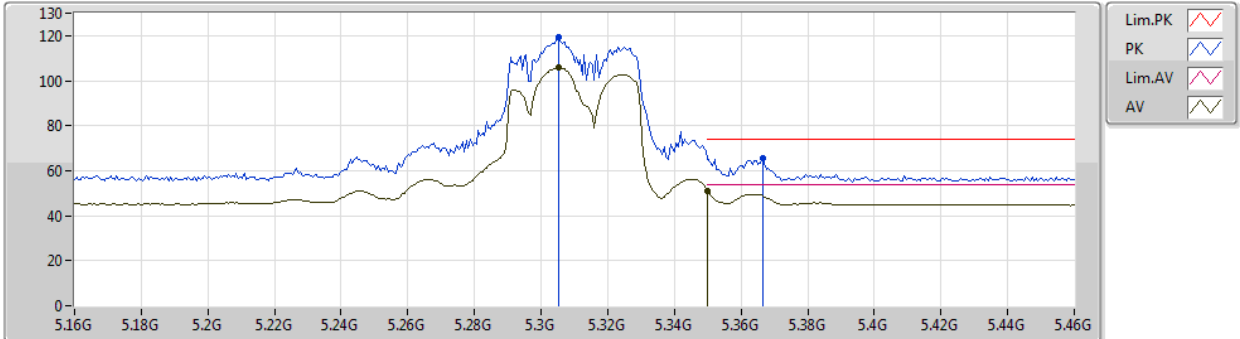
EUT_Z_4TX
Setting 25.5
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.80236G	54.14	74.00	-19.86	15.37	3	Horizontal	257	1.83	-				
AV	15.80316G	40.30	54.00	-13.70	15.38	3	Horizontal	257	1.83	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

03/06/2019

5310MHz_TX



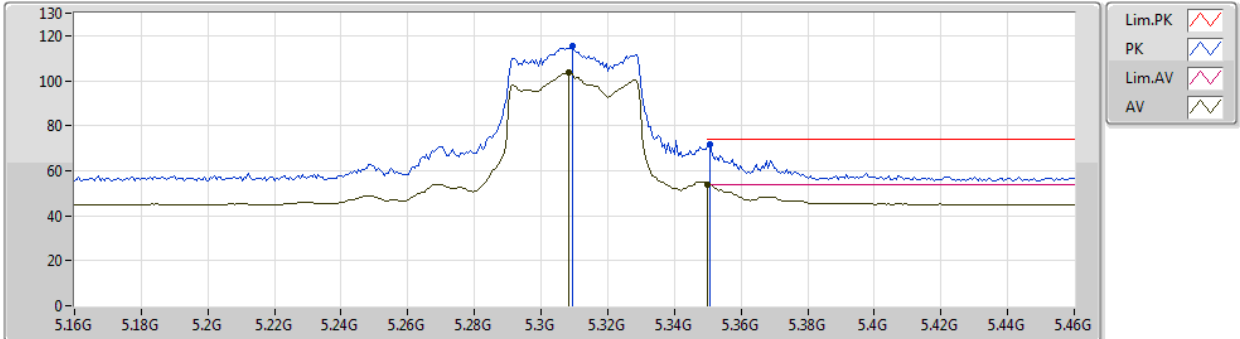
EUT_Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3052G	119.43	Inf	-Inf	8.22	3	Vertical	227	1.50	-				
AV	5.3052G	105.73	Inf	-Inf	8.22	3	Vertical	227	1.50	-				
PK	5.3664G	65.71	74.00	-8.29	8.29	3	Vertical	227	1.50	-				
AV	5.35G	50.98	54.00	-3.02	8.28	3	Vertical	227	1.50	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

03/06/2019

5310MHz_TX



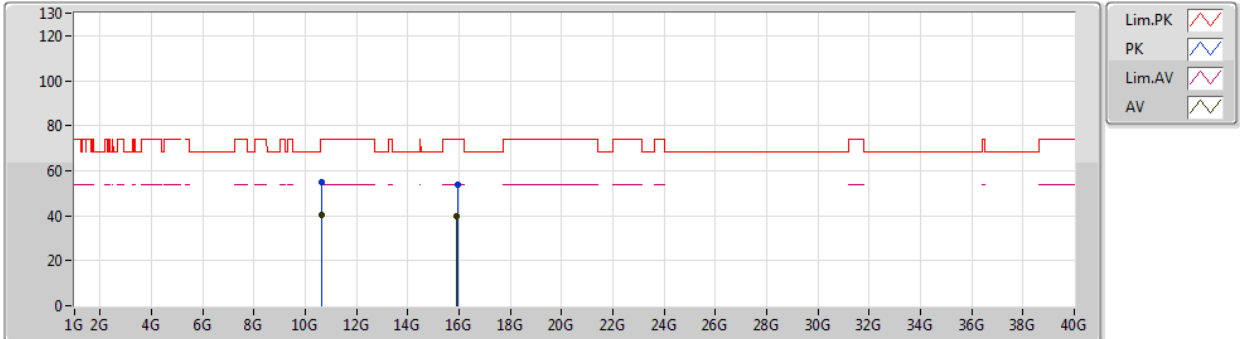
EUT_Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3094G	115.56	Inf	-Inf	8.22	3	Horizontal	253	1.35	-				
AV	5.3082G	103.63	Inf	-Inf	8.22	3	Horizontal	253	1.35	-				
PK	5.3508G	71.45	74.00	-2.55	8.28	3	Horizontal	253	1.35	-				
AV	5.35G	53.88	54.00	-0.12	8.28	3	Horizontal	253	1.35	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

03/06/2019

5310MHz_TX



EUT_Z_4TX
Setting 22
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.62048G	54.79	74.00	-19.21	14.51	3	Vertical	256	1.60	-				
AV	10.6196G	40.50	54.00	-13.50	14.51	3	Vertical	256	1.60	-				
PK	15.93896G	53.96	74.00	-20.04	15.02	3	Vertical	287	1.63	-				
AV	15.92256G	40.02	54.00	-13.98	15.05	3	Vertical	287	1.63	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz_TX

03/06/2019



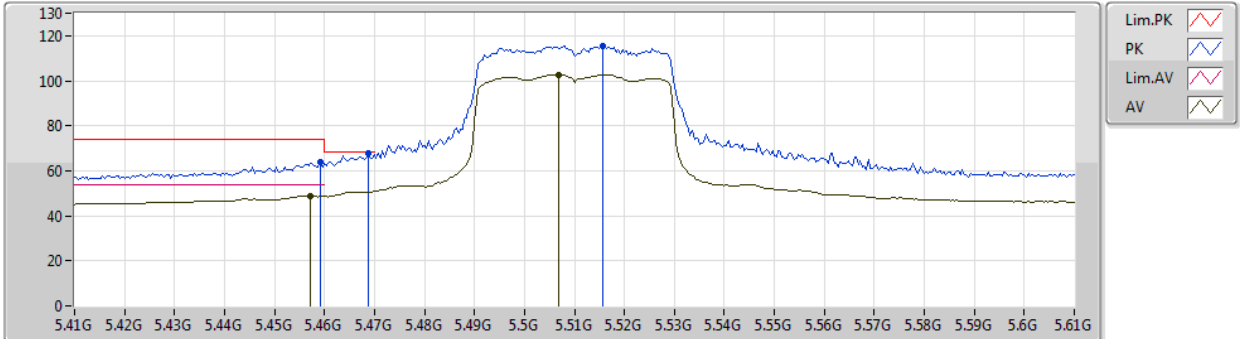
EUT_Z_4TX
Setting 22
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.61808G	54.23	74.00	-19.77	14.50	3	Horizontal	115	1.96	-				
AV	10.61968G	40.27	54.00	-13.73	14.51	3	Horizontal	115	1.96	-				
PK	15.939G	53.77	74.00	-20.23	15.02	3	Horizontal	136	1.53	-				
AV	15.93708G	40.07	54.00	-13.93	15.02	3	Horizontal	136	1.53	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5510MHz_TX



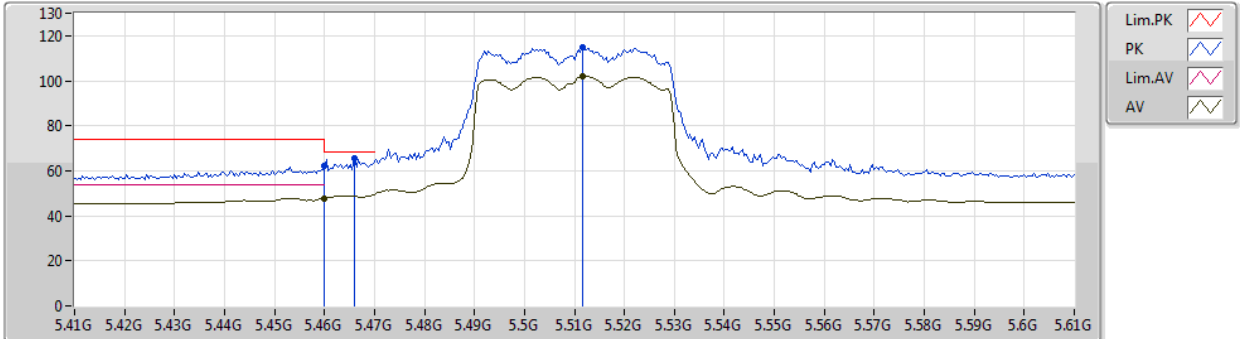
EUT_Z_2TX
Setting 21
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4592G	63.88	74.00	-10.12	8.45	3	Vertical	24	1.52	-				
AV	5.4572G	48.82	54.00	-5.18	8.44	3	Vertical	24	1.52	-				
PK	5.4688G	68.06	68.20	-0.14	8.46	3	Vertical	24	1.52	-				
PK	5.5156G	115.45	Inf	-Inf	8.53	3	Vertical	24	1.52	-				
AV	5.5068G	102.61	Inf	-Inf	8.52	3	Vertical	24	1.52	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5510MHz_TX



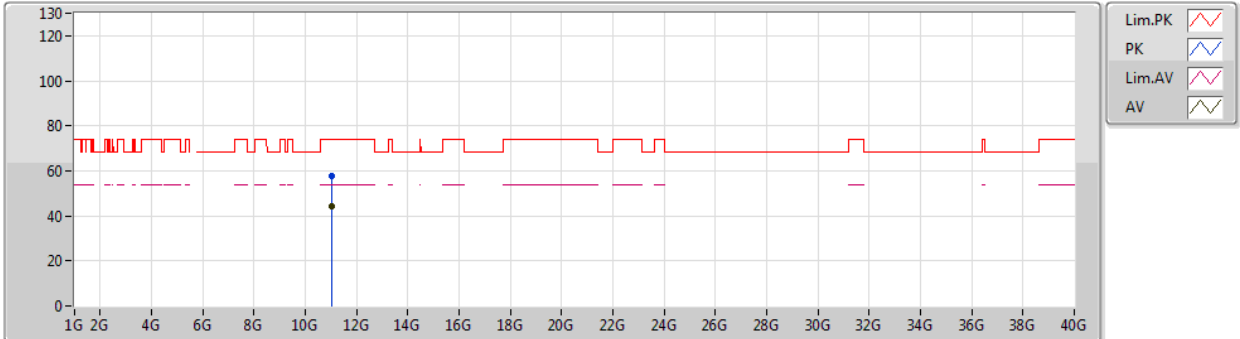
EUT_Z_2TX
Setting 21
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.46G	62.31	74.00	-11.69	8.45	3	Horizontal	151	2.36	-				
AV	5.46G	47.72	54.00	-6.28	8.45	3	Horizontal	151	2.36	-				
PK	5.466G	65.30	68.20	-2.90	8.46	3	Horizontal	151	2.36	-				
PK	5.5116G	114.79	Inf	-Inf	8.53	3	Horizontal	151	2.36	-				
AV	5.5116G	101.93	Inf	-Inf	8.53	3	Horizontal	151	2.36	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5510MHz_TX



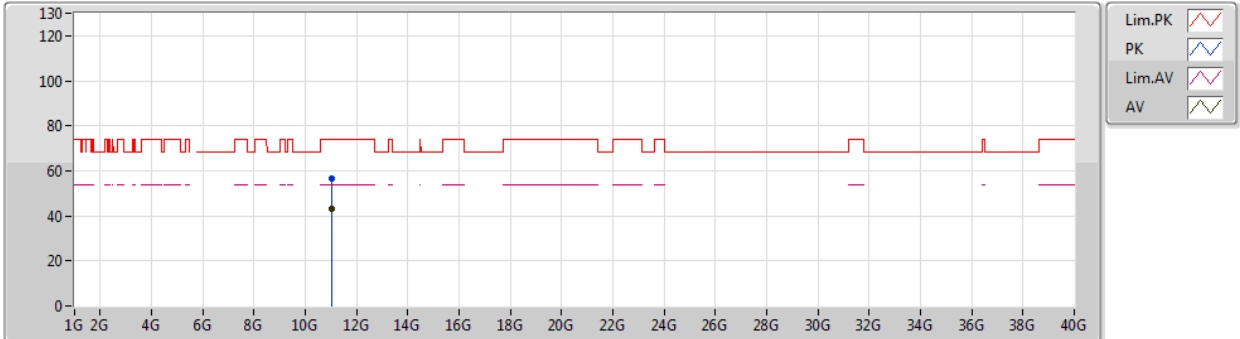
EUT_Z_2TX
Setting 21
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.0212G	57.85	74.00	-16.15	14.29	3	Vertical	223	1.69	-				
AV	11.02176G	44.02	54.00	-9.98	14.29	3	Vertical	223	1.69	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5510MHz_TX



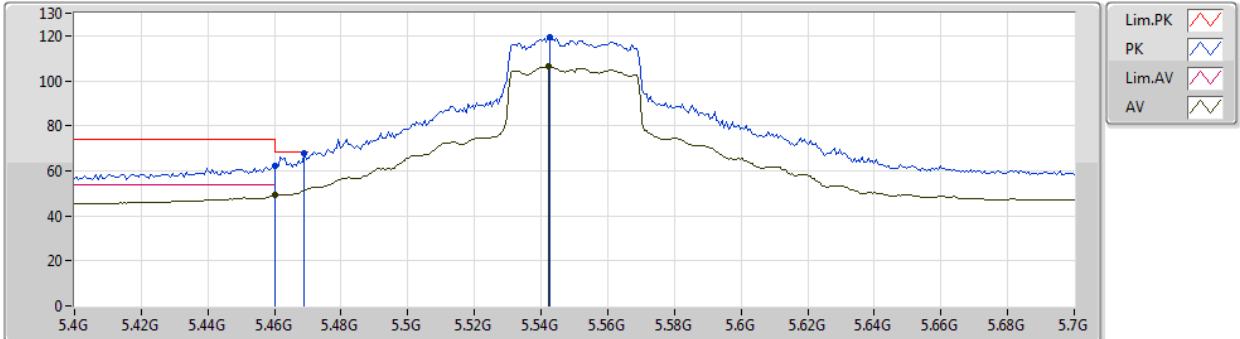
EUT_Z_2TX
Setting 21
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.0216G	56.60	74.00	-17.40	14.29	3	Horizontal	135	1.42	-				
AV	11.02168G	43.26	54.00	-10.74	14.29	3	Horizontal	135	1.42	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5550MHz_TX



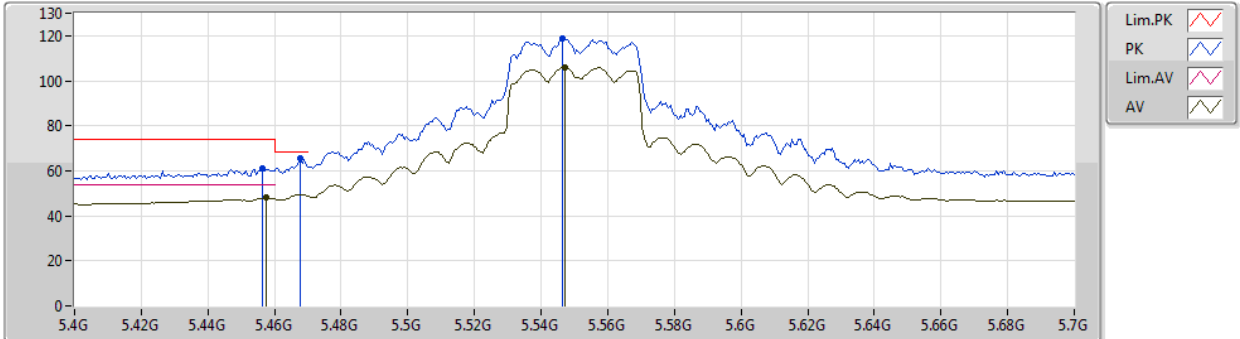
EUT_Z_2TX
Setting 25
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.46G	62.12	74.00	-11.88	8.45	3	Vertical	27	1.38	-				
AV	5.46G	49.29	54.00	-4.71	8.45	3	Vertical	27	1.38	-				
PK	5.469G	67.96	68.20	-0.24	8.46	3	Vertical	27	1.38	-				
PK	5.5428G	119.24	Inf	-Inf	8.55	3	Vertical	27	1.38	-				
AV	5.5422G	106.37	Inf	-Inf	8.55	3	Vertical	27	1.38	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5550MHz_TX



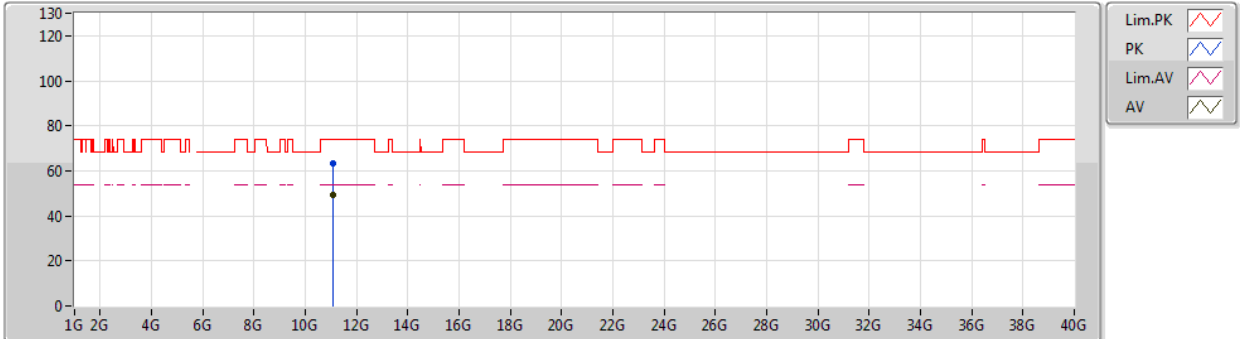
EUT_Z_2TX
Setting 25
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4564G	61.04	74.00	-12.96	8.44	3	Horizontal	151	2.43	-				
AV	5.4576G	47.92	54.00	-6.08	8.44	3	Horizontal	151	2.43	-				
PK	5.4678G	65.76	68.20	-2.44	8.46	3	Horizontal	151	2.43	-				
PK	5.5464G	118.76	Inf	-Inf	8.55	3	Horizontal	151	2.43	-				
AV	5.547G	105.92	Inf	-Inf	8.55	3	Horizontal	151	2.43	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5550MHz_TX



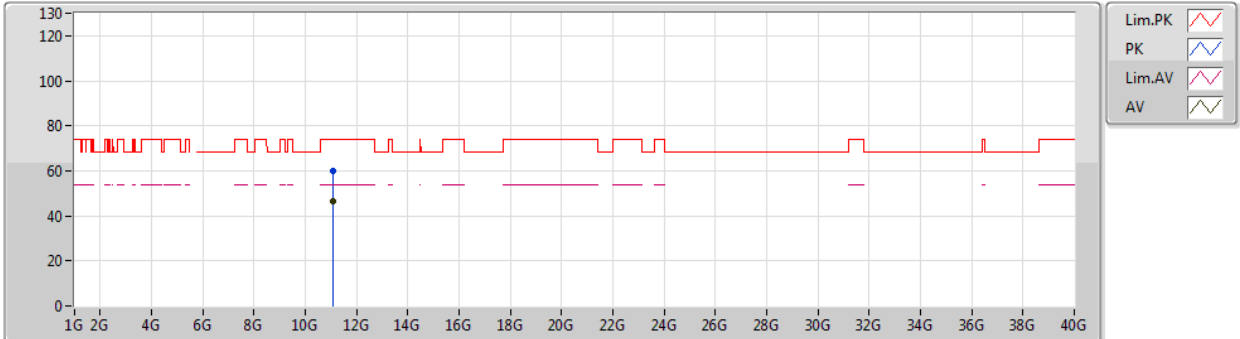
EUT_Z_2TX
Setting 25
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.10016G	63.42	74.00	-10.58	14.39	3	Vertical	169	2.97	-				
AV	11.09944G	49.15	54.00	-4.85	14.39	3	Vertical	169	2.97	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5550MHz_TX



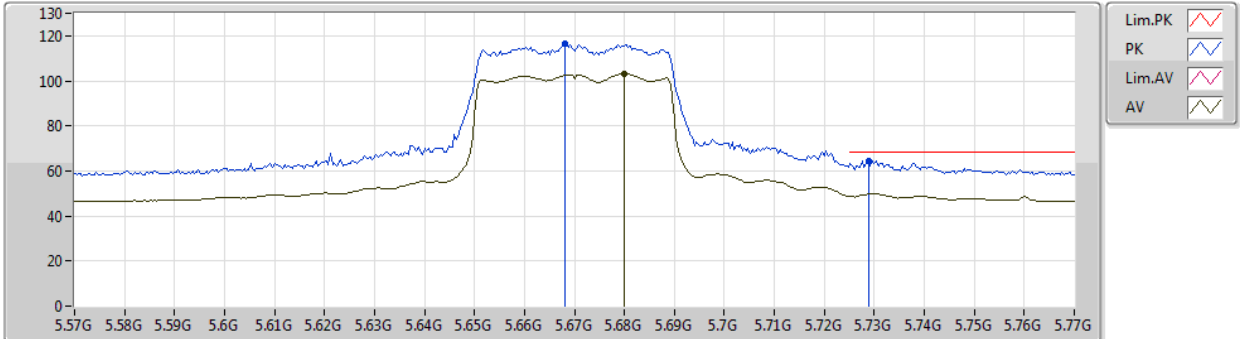
EUT_Z_2TX
Setting 25
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.10192G	60.18	74.00	-13.82	14.39	3	Horizontal	156	1.50	-				
AV	11.09168G	46.34	54.00	-7.66	14.38	3	Horizontal	156	1.50	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

25/06/2019

5670MHz_TX



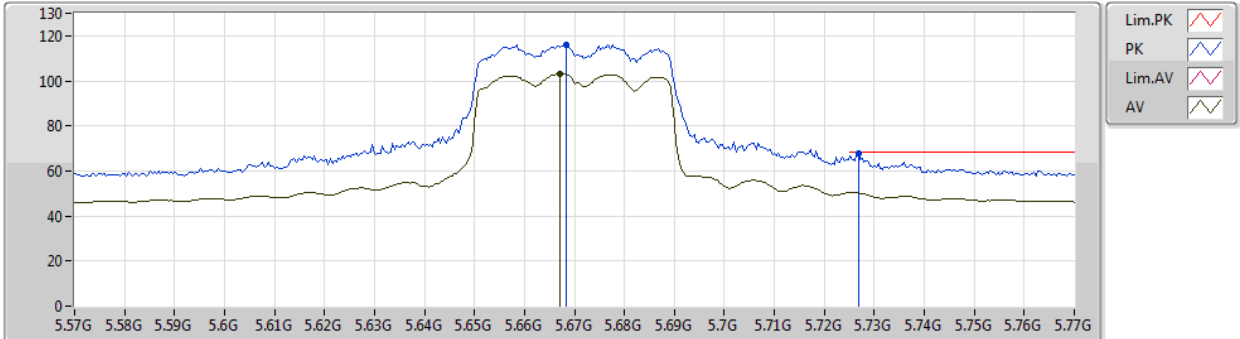
EUT_Z_2TX
Setting 22.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.668G	116.65	Inf	-Inf	8.70	3	Vertical	25	1.49	-				
AV	5.68G	103.03	Inf	-Inf	8.72	3	Vertical	25	1.49	-				
PK	5.7288G	64.48	68.20	-3.72	8.80	3	Vertical	25	1.49	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

25/06/2019

5670MHz_TX



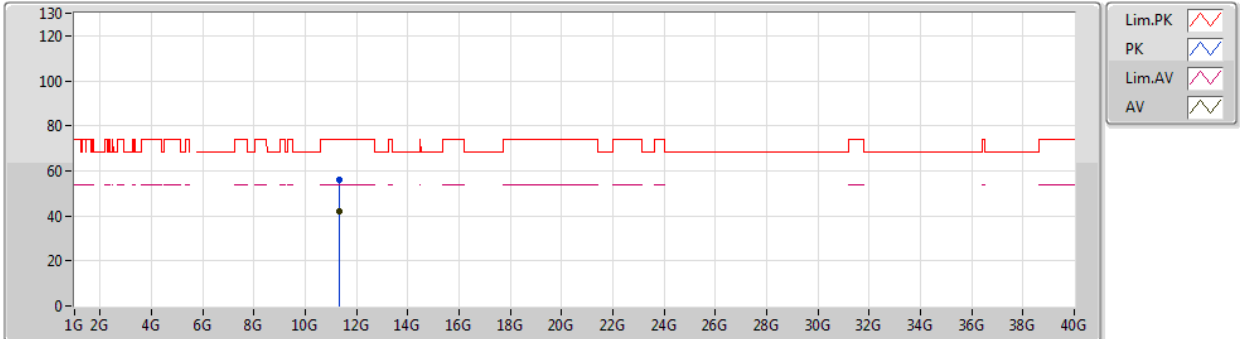
EUT_Z_2TX
Setting 22.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.6684G	116.14	Inf	-Inf	8.70	3	Horizontal	154	2.36	-				
AV	5.6672G	103.08	Inf	-Inf	8.69	3	Horizontal	154	2.36	-				
PK	5.7268G	67.66	68.20	-0.54	8.79	3	Horizontal	154	2.36	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

25/06/2019

5670MHz_TX



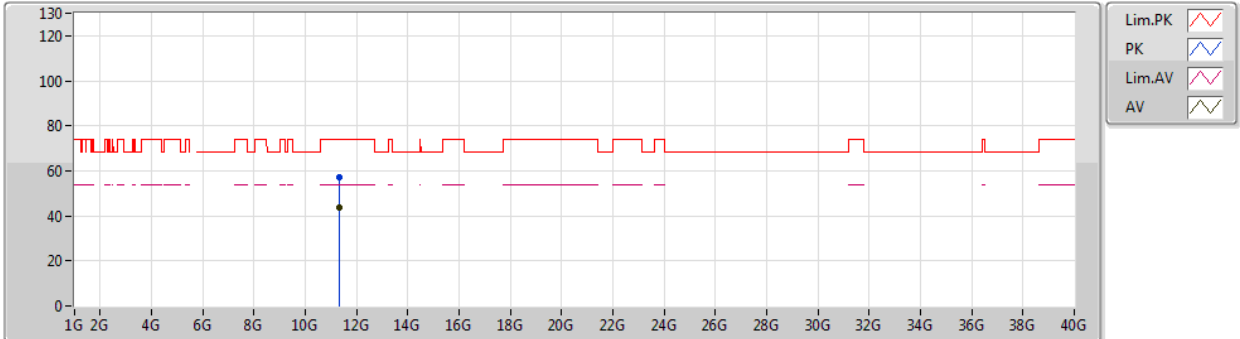
EUT_Z_2TX
Setting 22.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.33856G	55.85	74.00	-18.15	14.70	3	Vertical	140	1.38	-				
AV	11.3384G	42.12	54.00	-11.88	14.70	3	Vertical	140	1.38	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

25/06/2019

5670MHz_TX



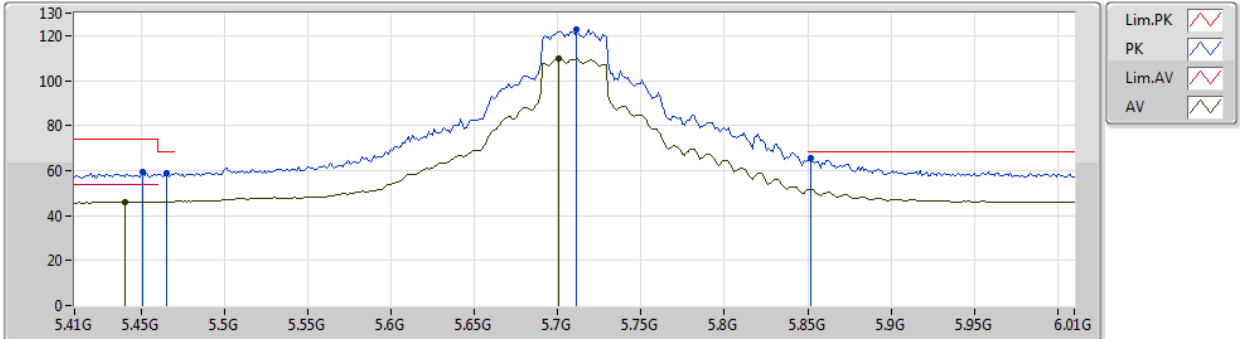
EUT_Z_2TX
Setting 22.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.3304G	56.92	74.00	-17.08	14.69	3	Horizontal	121	1.66	-				
AV	11.34008G	43.49	54.00	-10.51	14.70	3	Horizontal	121	1.66	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5710MHz Straddle 5.47-5.725GHz_TX



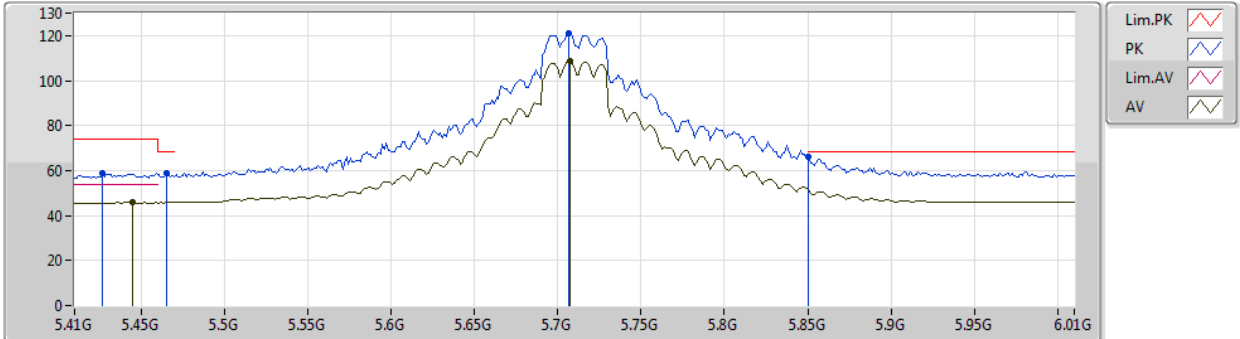
EUT_Z_2TX
Setting 28.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4508G	59.30	74.00	-14.70	8.44	3	Vertical	16	1.48	-				
AV	5.44G	46.06	54.00	-7.94	8.41	3	Vertical	16	1.48	-				
PK	5.4652G	58.85	68.20	-9.35	8.45	3	Vertical	16	1.48	-				
PK	5.7112G	122.58	Inf	-Inf	8.77	3	Vertical	16	1.48	-				
AV	5.7004G	109.74	Inf	-Inf	8.75	3	Vertical	16	1.48	-				
PK	5.8516G	65.83	68.20	-2.37	8.90	3	Vertical	16	1.48	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5710MHz Straddle 5.47-5.725GHz_TX



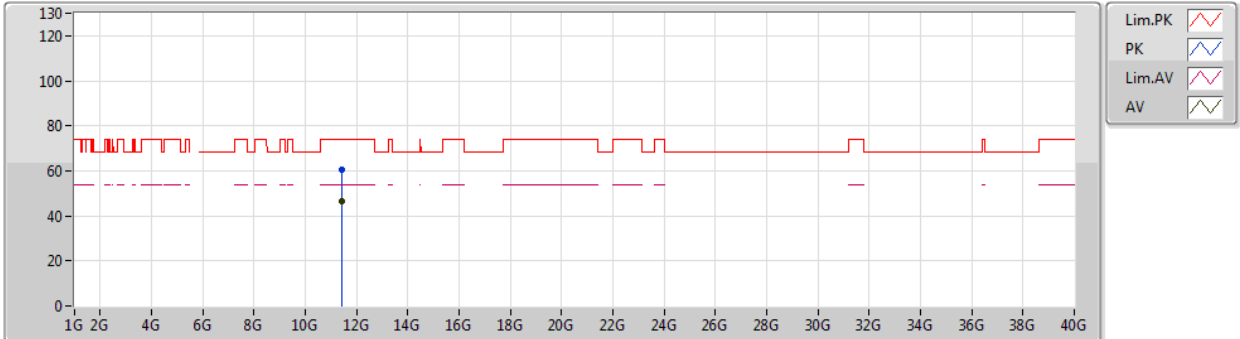
EUT_Z_2TX
Setting 28.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4268G	58.92	74.00	-15.08	8.39	3	Horizontal	151	2.35	-				
AV	5.4448G	45.85	54.00	-8.15	8.42	3	Horizontal	151	2.35	-				
PK	5.4652G	58.75	68.20	-9.45	8.45	3	Horizontal	151	2.35	-				
PK	5.7064G	120.86	Inf	-Inf	8.76	3	Horizontal	151	2.35	-				
AV	5.7076G	108.87	Inf	-Inf	8.76	3	Horizontal	151	2.35	-				
PK	5.85G	65.95	68.20	-2.25	8.90	3	Horizontal	151	2.35	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5710MHz Straddle 5.47-5.725GHz_TX



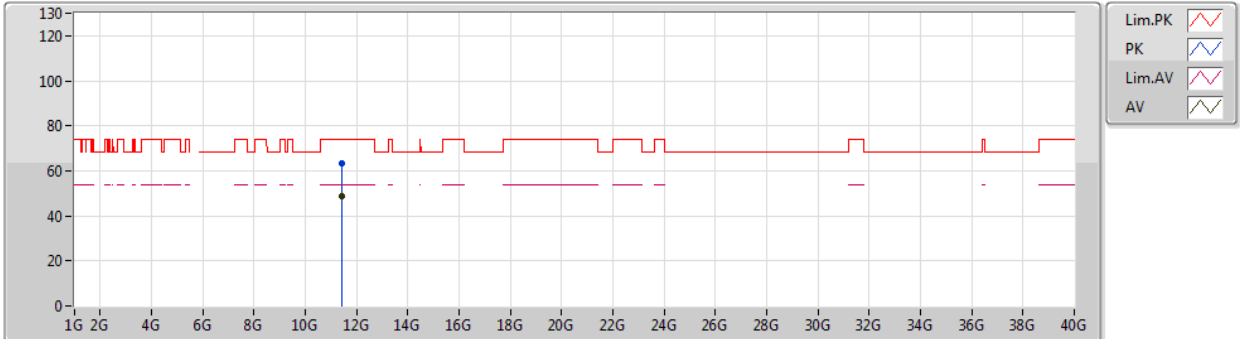
EUT_Z_2TX
Setting 28.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.4356G	60.62	74.00	-13.38	14.82	3	Vertical	234	1.41	-				
AV	11.41472G	46.72	54.00	-7.28	14.79	3	Vertical	234	1.41	-				

802.11ax HEW40_Nss1,(MCS0)_2TX

21/06/2019

5710MHz Straddle 5.47-5.725GHz_TX



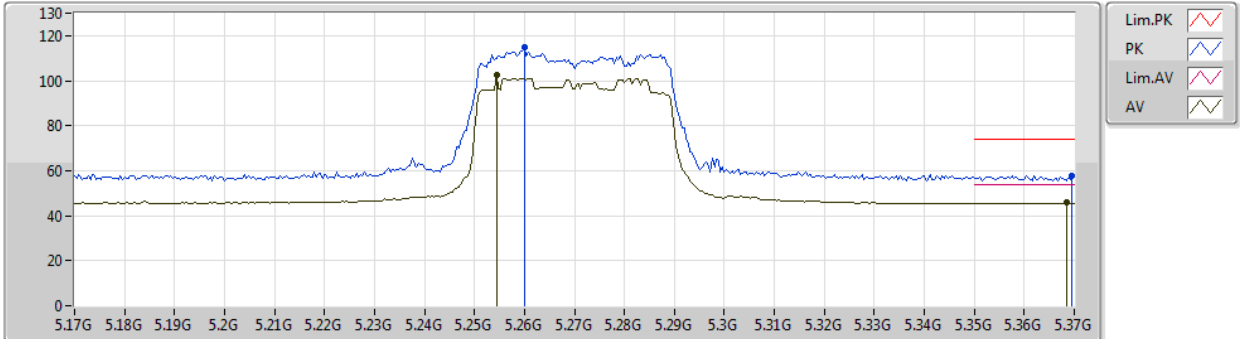
EUT_Z_2TX
Setting 28.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.41264G	63.47	74.00	-10.53	14.79	3	Horizontal	128	1.45	-				
AV	11.42168G	48.92	54.00	-5.08	14.80	3	Horizontal	128	1.45	-				

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

15/06/2019



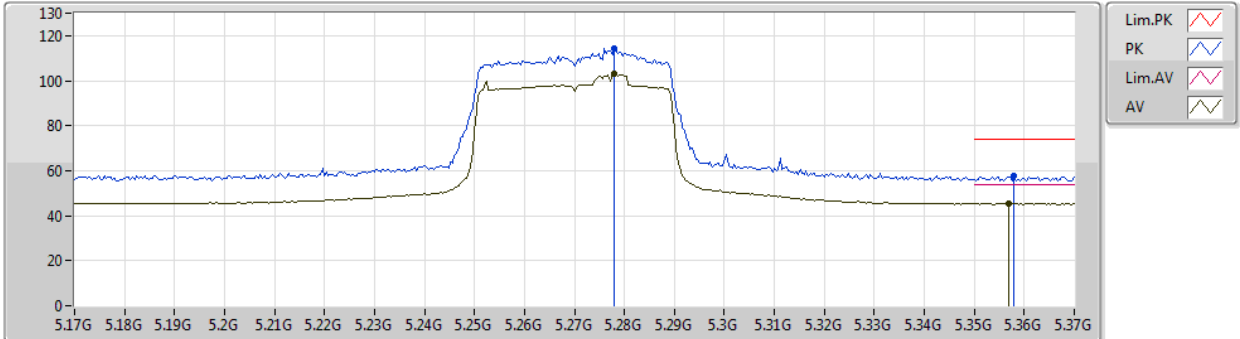
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.26G	114.86	Inf	-Inf	8.15	3	Vertical	238	1.50	-				
AV	5.2544G	102.45	Inf	-Inf	8.15	3	Vertical	238	1.50	-				
PK	5.3696G	57.74	74.00	-16.26	8.30	3	Vertical	238	1.50	-				
AV	5.3684G	45.77	54.00	-8.23	8.30	3	Vertical	238	1.50	-				

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

15/06/2019

5270MHz_TX



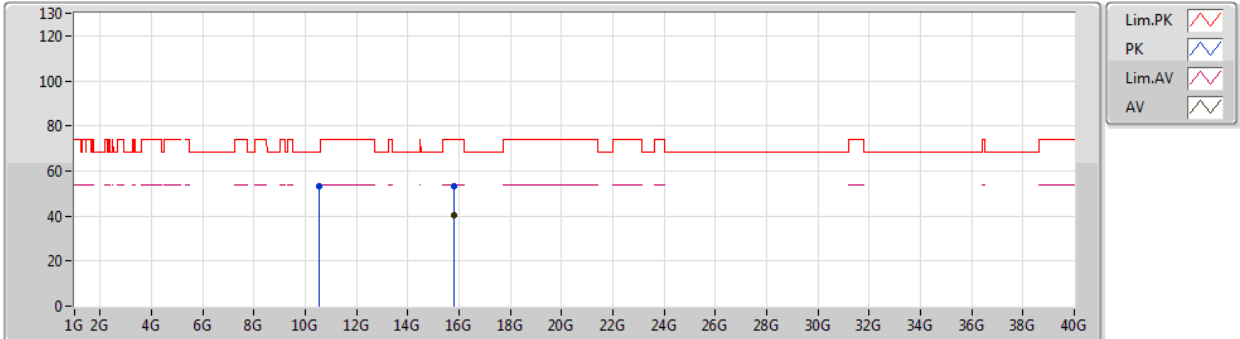
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.278G	114.56	Inf	-Inf	8.17	3	Horizontal	69	1.50	-				
AV	5.278G	103.16	Inf	-Inf	8.17	3	Horizontal	69	1.50	-				
PK	5.358G	57.68	74.00	-16.32	8.28	3	Horizontal	69	1.50	-				
AV	5.3568G	45.39	54.00	-8.61	8.28	3	Horizontal	69	1.50	-				

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

15/06/2019

5270MHz_TX



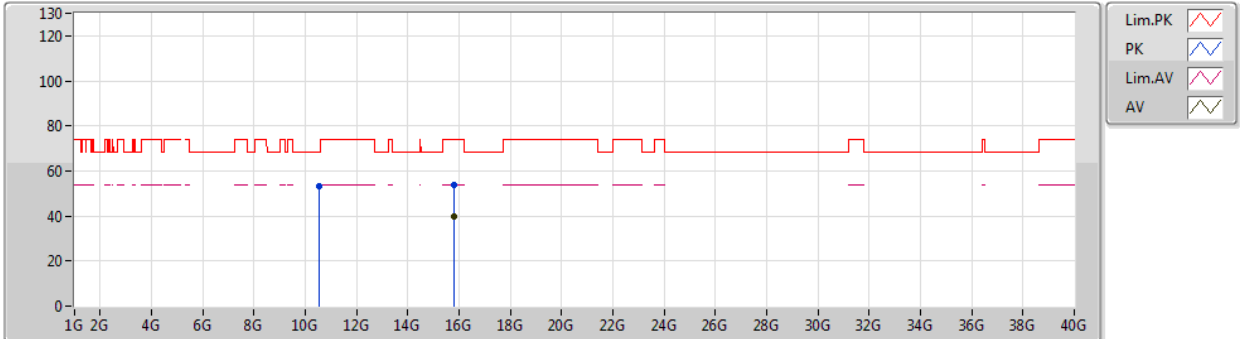
EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.55128G	53.20	68.20	-15.00	14.54	3	Vertical	59	1.35	-				
PK	15.81462G	53.41	74.00	-20.59	15.35	3	Vertical	132	1.43	-				
AV	15.8073G	40.15	54.00	-13.85	15.37	3	Vertical	132	1.43	-				

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz_TX

15/06/2019



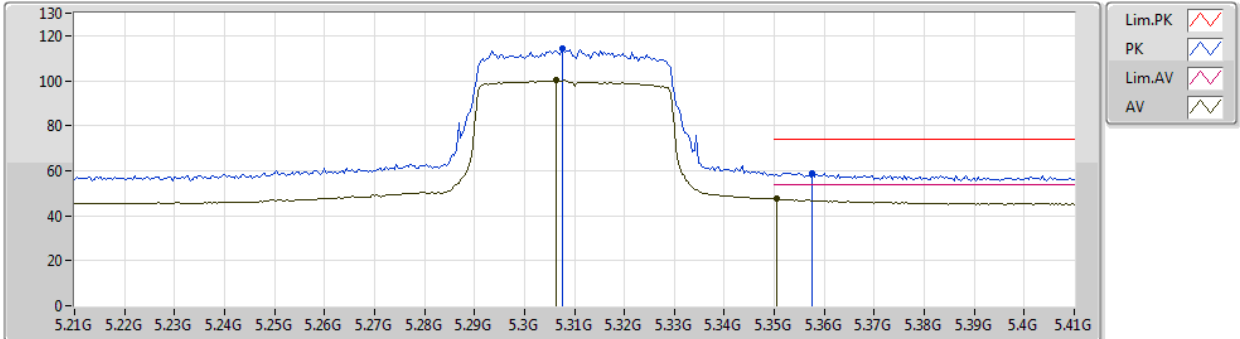
EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.54144G	53.44	68.20	-14.76	14.55	3	Horizontal	273	1.44	-				
PK	15.8019G	53.67	74.00	-20.33	15.37	3	Horizontal	174	2.33	-				
AV	15.8016G	40.06	54.00	-13.94	15.38	3	Horizontal	174	2.33	-				

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5310MHz_TX

15/06/2019



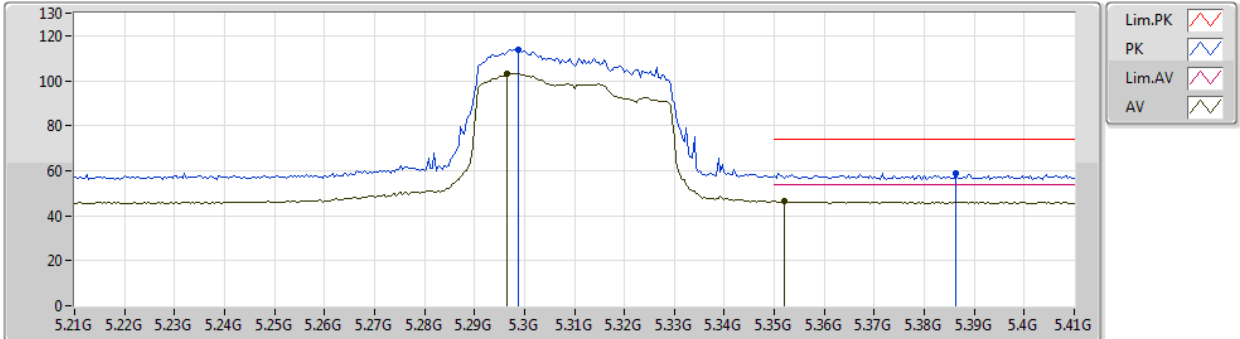
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3076G	114.51	Inf	-Inf	8.22	3	Vertical	264	1.55	-				
AV	5.3064G	100.23	Inf	-Inf	8.22	3	Vertical	264	1.55	-				
PK	5.3576G	59.01	74.00	-14.99	8.28	3	Vertical	264	1.55	-				
AV	5.3504G	47.42	54.00	-6.58	8.28	3	Vertical	264	1.55	-				

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

15/06/2019

5310MHz_TX



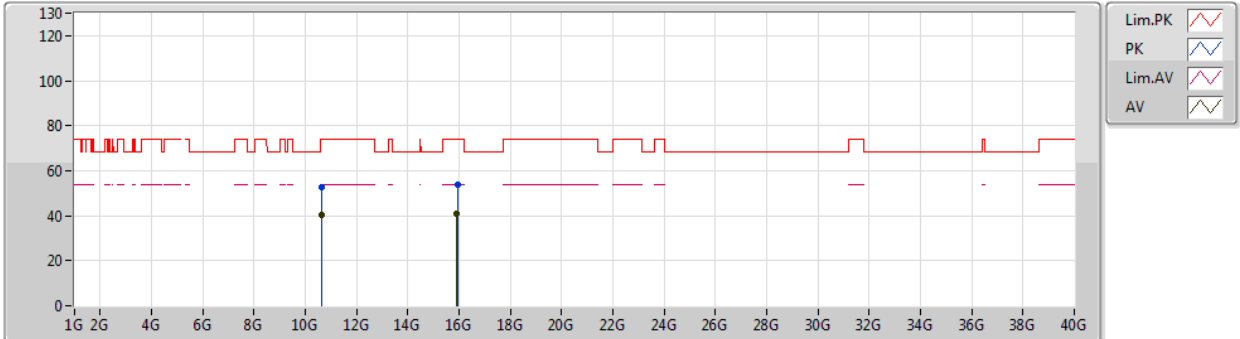
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.2988G	113.92	Inf	-Inf	8.21	3	Horizontal	230	1.32	-				
AV	5.2964G	103.25	Inf	-Inf	8.21	3	Horizontal	230	1.32	-				
PK	5.3864G	58.75	74.00	-15.25	8.33	3	Horizontal	230	1.32	-				
AV	5.352G	46.34	54.00	-7.66	8.28	3	Horizontal	230	1.32	-				

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

15/06/2019

5310MHz_TX



EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.62162G	52.67	74.00	-21.33	14.50	3	Vertical	78	1.40	-				
AV	10.62348G	40.54	54.00	-13.46	14.50	3	Vertical	78	1.40	-				
PK	15.94104G	53.98	74.00	-20.02	15.01	3	Vertical	236	2.30	-				
AV	15.91872G	40.64	54.00	-13.36	15.07	3	Vertical	236	2.30	-				

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

15/06/2019

5310MHz_TX



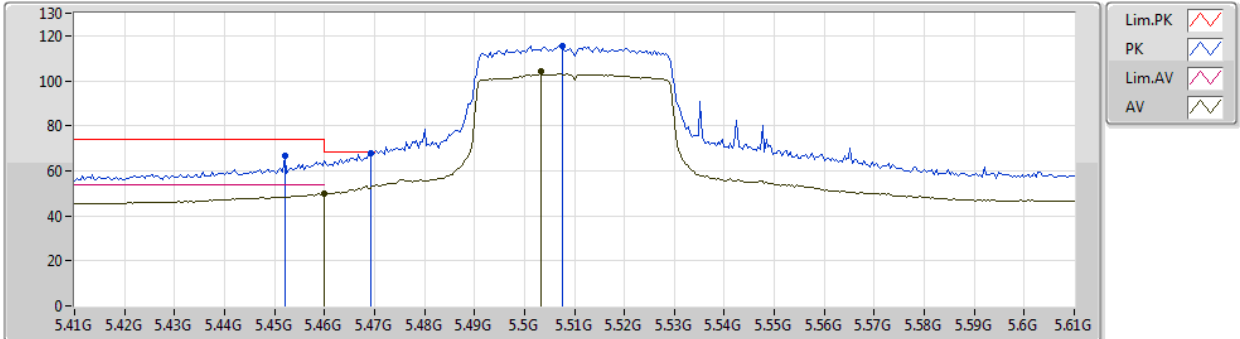
EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.60668G	53.65	74.00	-20.35	14.51	3	Horizontal	62	2.47	-				
AV	10.63386G	40.44	54.00	-13.56	14.49	3	Horizontal	62	2.47	-				
PK	15.93414G	53.09	74.00	-20.91	15.03	3	Horizontal	215	1.82	-				
AV	15.93816G	40.51	54.00	-13.49	15.02	3	Horizontal	215	1.82	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5510MHz_TX



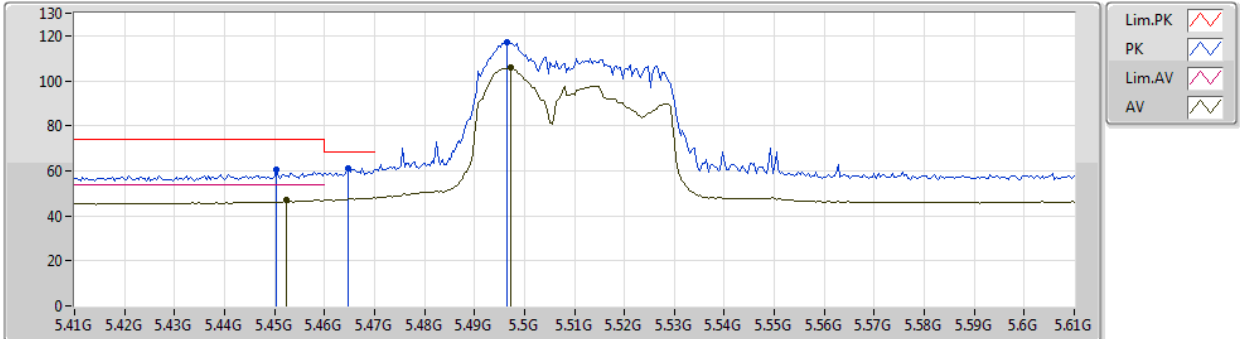
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.452G	66.48	74.00	-7.52	8.44	3	Vertical	112	1.54	-				
AV	5.46G	49.62	54.00	-4.38	8.45	3	Vertical	112	1.54	-				
PK	5.4692G	67.91	68.20	-0.29	8.46	3	Vertical	112	1.54	-				
PK	5.5076G	115.70	Inf	-Inf	8.52	3	Vertical	112	1.54	-				
AV	5.5032G	104.05	Inf	-Inf	8.52	3	Vertical	112	1.54	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5510MHz_TX



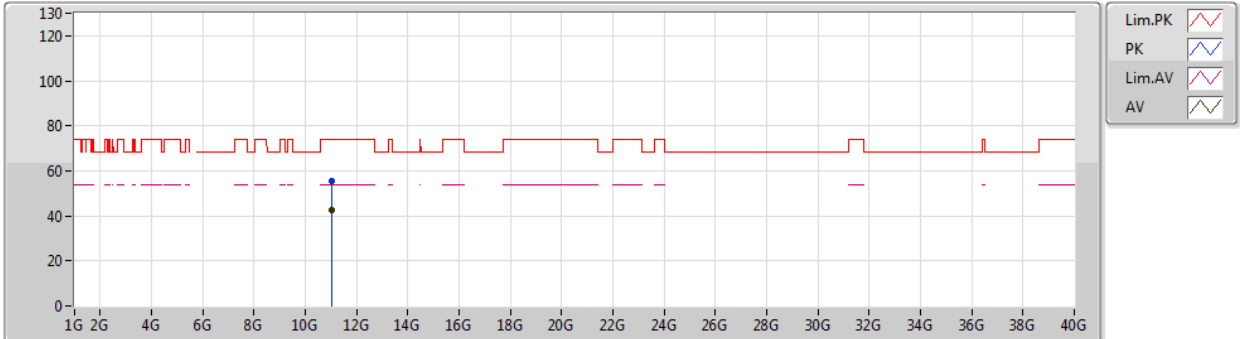
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4504G	60.48	74.00	-13.52	8.44	3	Horizontal	149	1.36	-				
AV	5.4524G	47.26	54.00	-6.74	8.44	3	Horizontal	149	1.36	-				
PK	5.4648G	61.24	68.20	-6.96	8.45	3	Horizontal	149	1.36	-				
PK	5.4964G	117.12	Inf	-Inf	8.52	3	Horizontal	149	1.36	-				
AV	5.4972G	105.65	Inf	-Inf	8.52	3	Horizontal	149	1.36	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5510MHz_TX



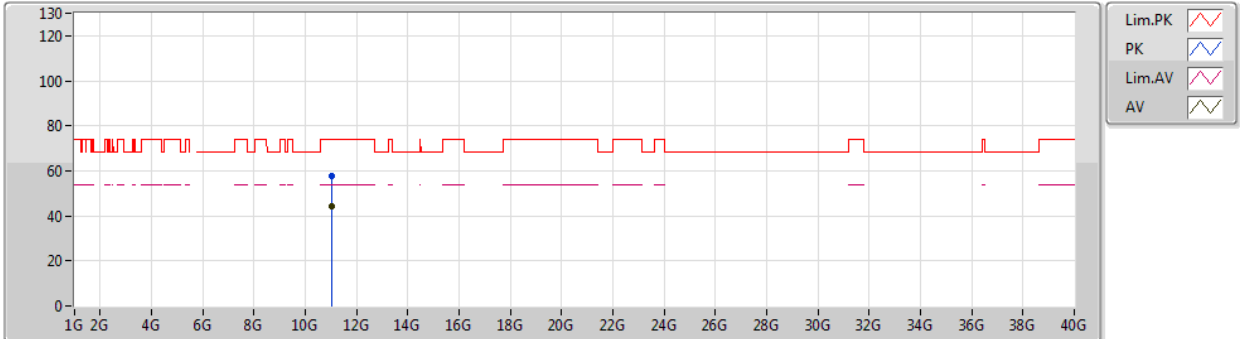
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.01992G	55.71	74.00	-18.29	14.29	3	Vertical	225	2.17	-				
AV	11.01848G	42.33	54.00	-11.67	14.28	3	Vertical	225	2.17	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5510MHz_TX



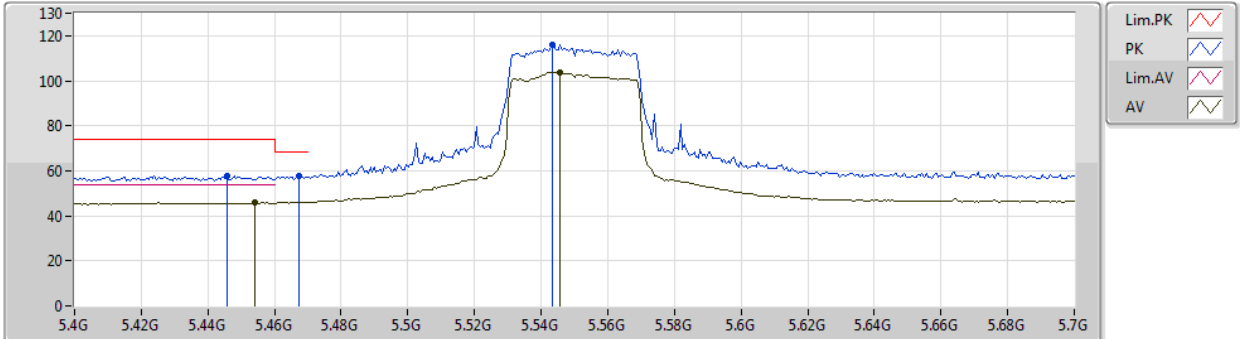
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.01944G	57.88	74.00	-16.12	14.29	3	Horizontal	148	1.45	-				
AV	11.01688G	44.06	54.00	-9.94	14.28	3	Horizontal	148	1.45	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5550MHz_TX



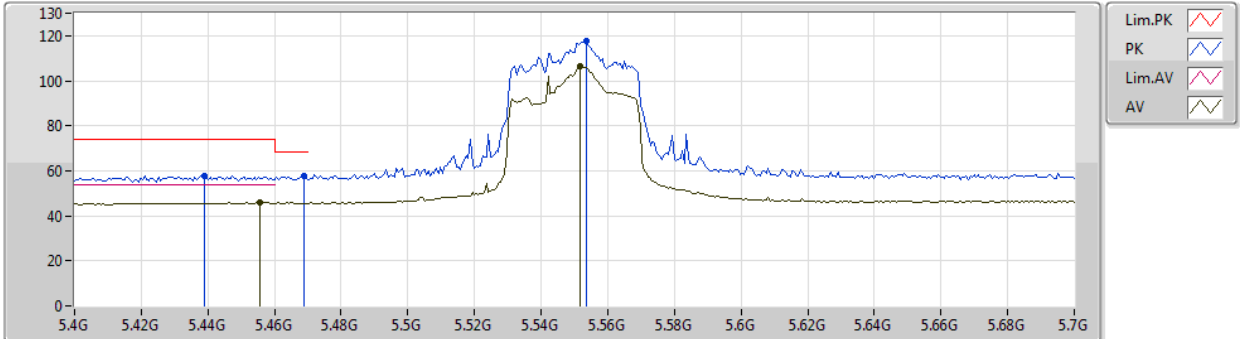
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment
PK	5.4456G	57.69	74.00	-16.31	8.42	3	Vertical	168	1.44	-
AV	5.454G	45.75	54.00	-8.25	8.44	3	Vertical	168	1.44	-
PK	5.4672G	57.68	68.20	-10.52	8.46	3	Vertical	168	1.44	-
PK	5.5434G	115.81	Inf	-Inf	8.55	3	Vertical	168	1.44	-
AV	5.5458G	103.84	Inf	-Inf	8.55	3	Vertical	168	1.44	-

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5550MHz_TX



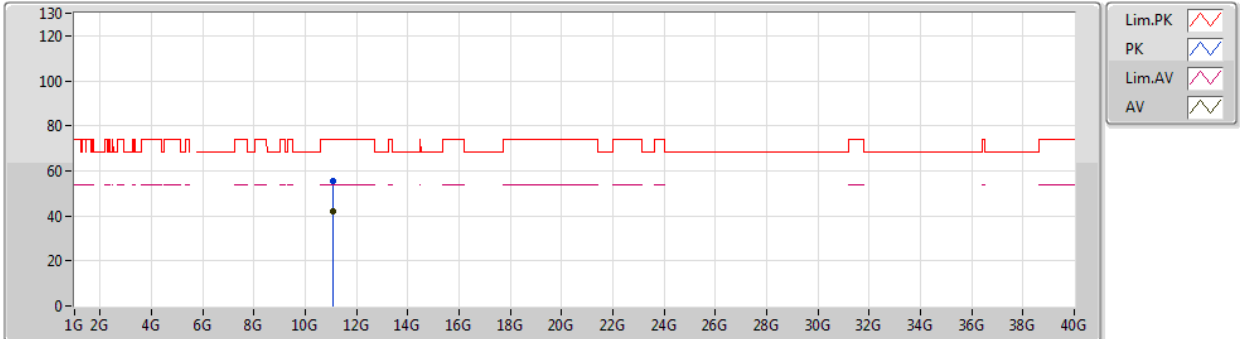
EUT_Z_2TX
Setting 24
02-E-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.439G	57.75	74.00	-16.25	8.41	3	Horizontal	232	2.02	-				
AV	5.4558G	46.06	54.00	-7.94	8.44	3	Horizontal	232	2.02	-				
PK	5.469G	57.55	68.20	-10.65	8.46	3	Horizontal	232	2.02	-				
PK	5.5536G	117.85	Inf	-Inf	8.55	3	Horizontal	232	2.02	-				
AV	5.5518G	106.41	Inf	-Inf	8.55	3	Horizontal	232	2.02	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5550MHz_TX



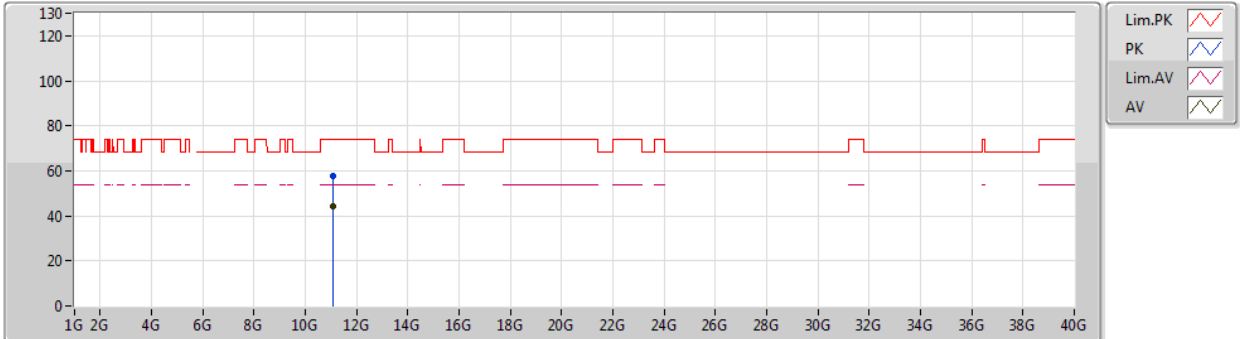
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.08048G	55.27	74.00	-18.73	14.36	3	Vertical	221	1.51	-				
AV	11.08016G	42.03	54.00	-11.97	14.36	3	Vertical	221	1.51	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5550MHz_TX



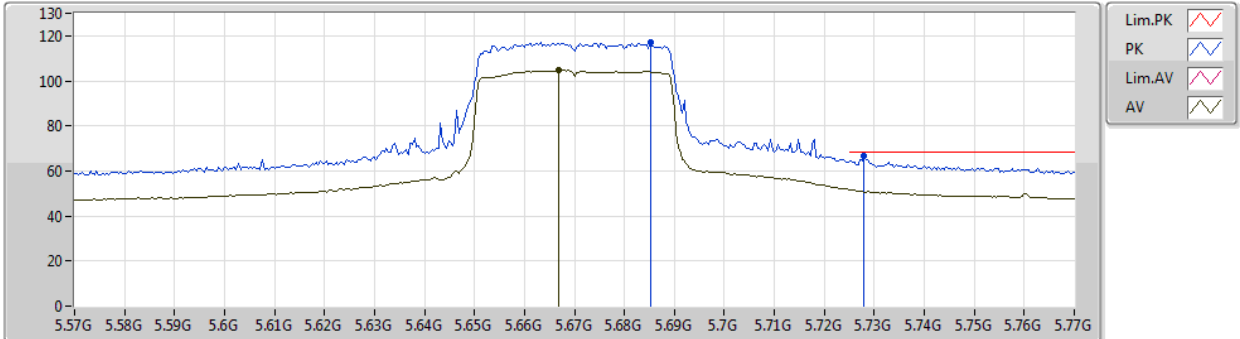
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.10384G	57.53	74.00	-16.47	14.40	3	Horizontal	172	1.38	-				
AV	11.10416G	44.08	54.00	-9.92	14.40	3	Horizontal	172	1.38	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5670MHz_TX



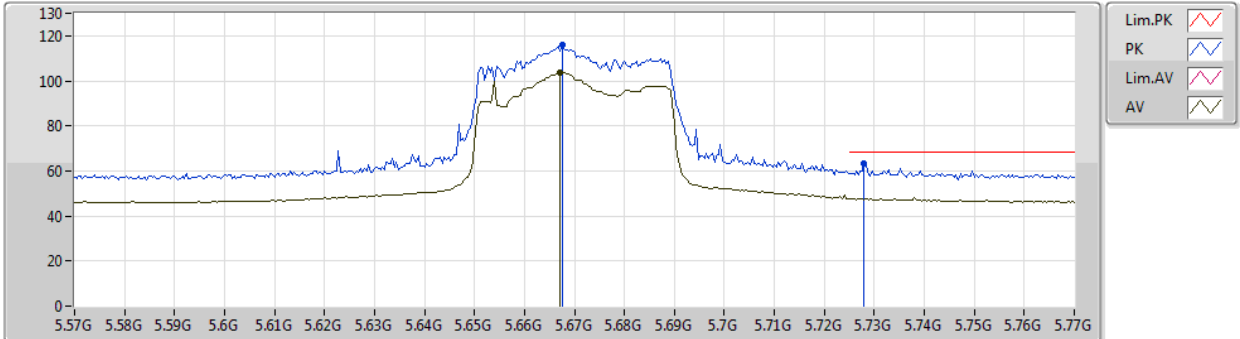
EUT_Z_2TX
Setting 24
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.6852G	117.16	Inf	-Inf	8.72	3	Vertical	19	1.46	-				
AV	5.6668G	104.68	Inf	-Inf	8.69	3	Vertical	19	1.46	-				
PK	5.728G	66.89	68.20	-1.31	8.80	3	Vertical	19	1.46	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5670MHz_TX



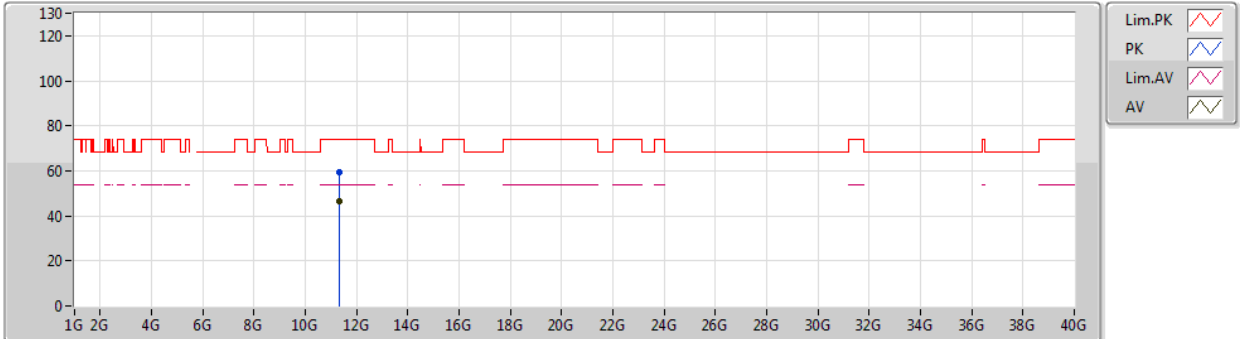
EUT_Z_2TX
Setting 24
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.6676G	115.75	Inf	-Inf	8.69	3	Horizontal	203	1.22	-				
AV	5.6672G	103.62	Inf	-Inf	8.69	3	Horizontal	203	1.22	-				
PK	5.728G	63.45	68.20	-4.75	8.80	3	Horizontal	203	1.22	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5670MHz_TX



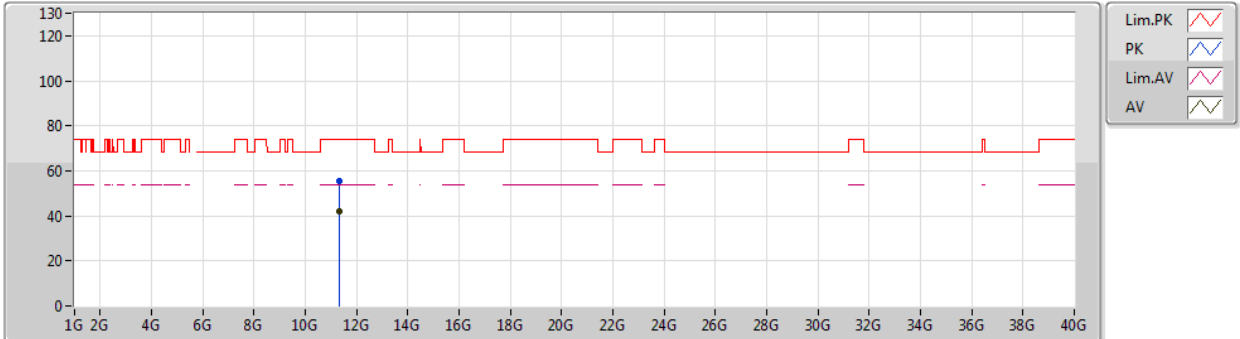
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.34984G	59.54	74.00	-14.46	14.72	3	Vertical	176	2.75	-				
AV	11.34G	46.57	54.00	-7.43	14.70	3	Vertical	176	2.75	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5670MHz_TX



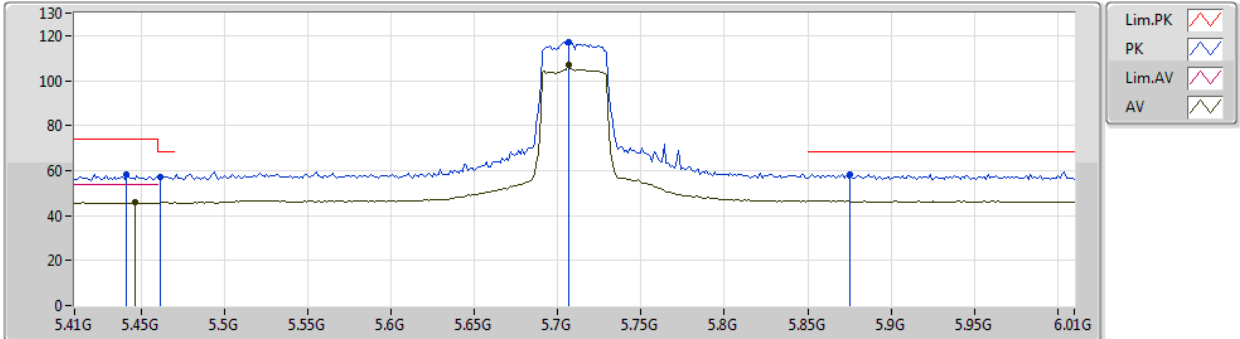
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.34G	55.35	74.00	-18.65	14.70	3	Horizontal	102	1.42	-				
AV	11.3464G	42.11	54.00	-11.89	14.71	3	Horizontal	102	1.42	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5710MHz Straddle 5.47-5.725GHz_TX



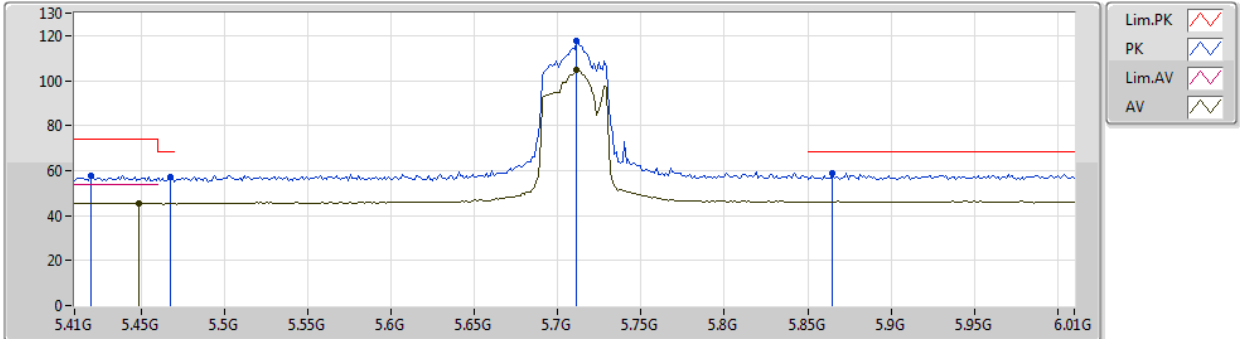
EUT_Z_2TX
Setting 24
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4412G	58.39	74.00	-15.61	8.41	3	Vertical	21	1.44	-				
AV	5.446G	45.70	54.00	-8.30	8.42	3	Vertical	21	1.44	-				
PK	5.4616G	57.29	68.20	-10.91	8.45	3	Vertical	21	1.44	-				
PK	5.7064G	117.15	Inf	-Inf	8.76	3	Vertical	21	1.44	-				
AV	5.7064G	107.09	Inf	-Inf	8.76	3	Vertical	21	1.44	-				
PK	5.8756G	58.55	68.20	-9.65	8.92	3	Vertical	21	1.44	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5710MHz Straddle 5.47-5.725GHz_TX



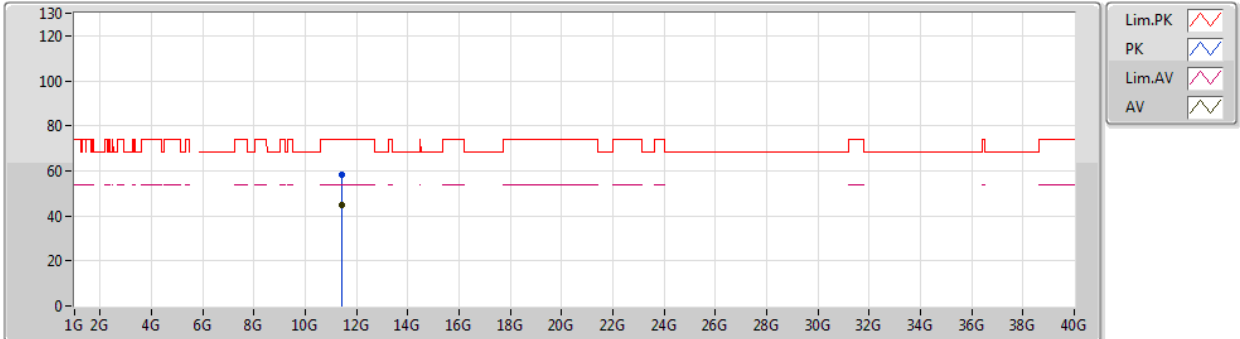
EUT_Z_2TX
Setting 24
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4196G	57.94	74.00	-16.06	8.38	3	Horizontal	176	1.37	-				
AV	5.4484G	45.48	54.00	-8.52	8.42	3	Horizontal	176	1.37	-				
PK	5.4676G	57.15	68.20	-11.05	8.46	3	Horizontal	176	1.37	-				
PK	5.7112G	117.52	Inf	-Inf	8.77	3	Horizontal	176	1.37	-				
AV	5.7112G	104.69	Inf	-Inf	8.77	3	Horizontal	176	1.37	-				
PK	5.8648G	58.72	68.20	-9.48	8.91	3	Horizontal	176	1.37	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5710MHz Straddle 5.47-5.725GHz_TX



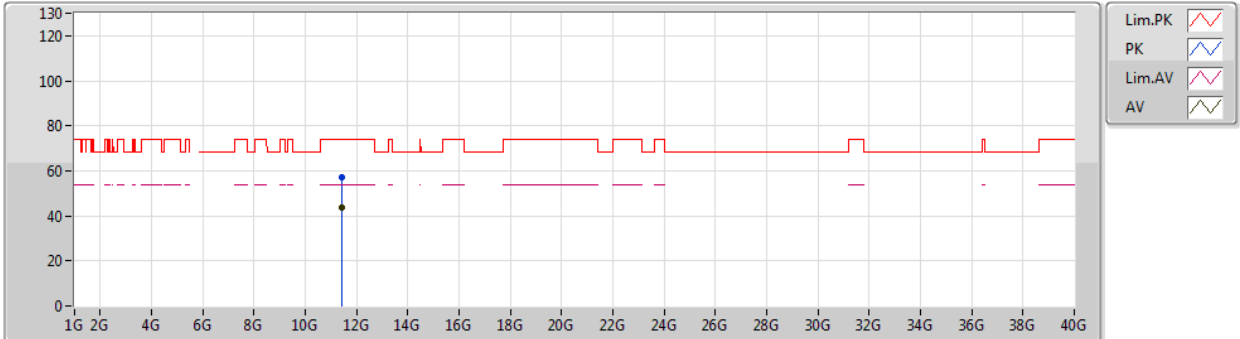
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.42448G	58.41	74.00	-15.59	14.80	3	Vertical	182	2.67	-				
AV	11.41832G	45.03	54.00	-8.97	14.79	3	Vertical	182	2.67	-				

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

25/06/2019

5710MHz Straddle 5.47-5.725GHz_TX



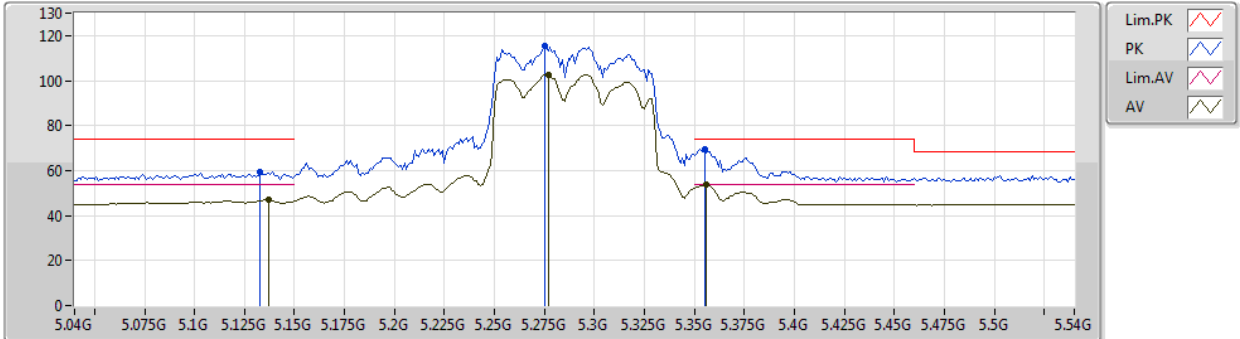
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.4216G	57.14	74.00	-16.86	14.80	3	Horizontal	155	1.20	-				
AV	11.4204G	43.51	54.00	-10.49	14.80	3	Horizontal	155	1.20	-				

802.11ax HEW80_Nss1,(MCS0)_4TX

03/06/2019

5290MHz_TX



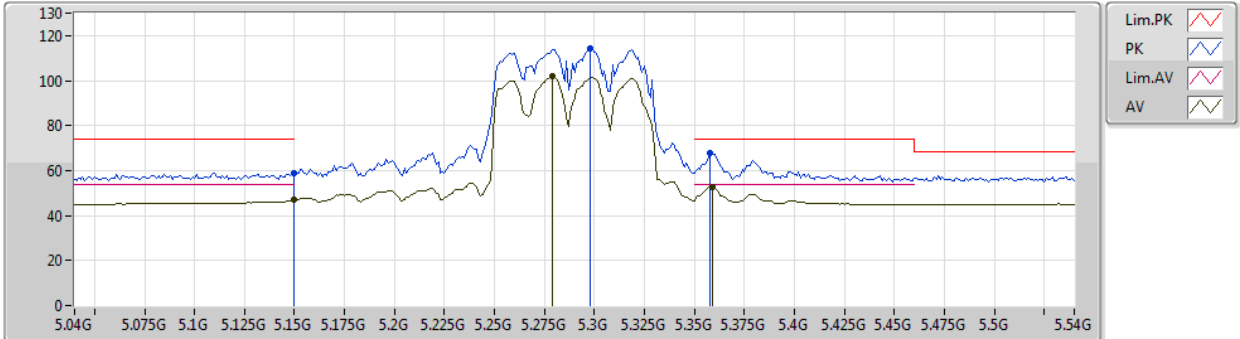
EUT_Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.133G	59.52	74.00	-14.48	7.92	3	Vertical	238	1.50	-				
AV	5.137G	46.91	54.00	-7.09	7.92	3	Vertical	238	1.50	-				
PK	5.275G	115.50	Inf	-Inf	8.17	3	Vertical	238	1.50	-				
AV	5.277G	102.79	Inf	-Inf	8.17	3	Vertical	238	1.50	-				
PK	5.355G	69.63	74.00	-4.37	8.28	3	Vertical	238	1.50	-				
AV	5.356G	53.73	54.00	-0.27	8.28	3	Vertical	238	1.50	-				

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TX

03/06/2019



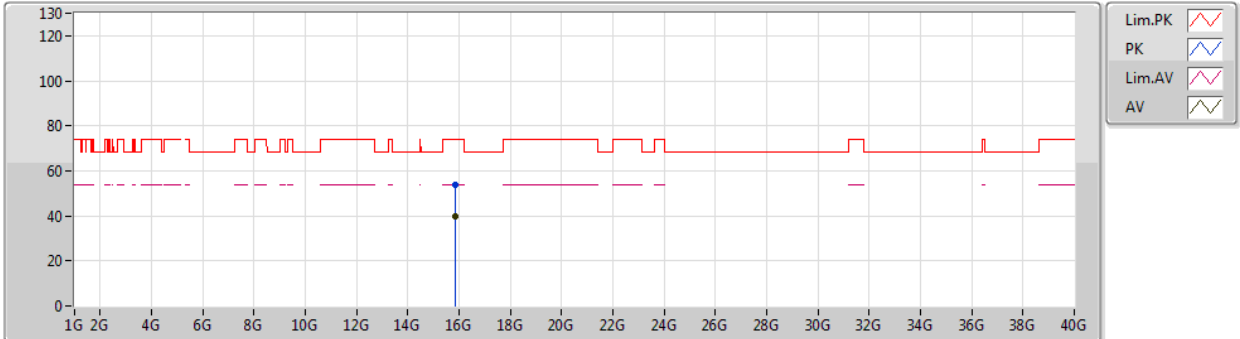
EUT_Z_4TX
Setting 22
02-G-2-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.15G	58.99	74.00	-15.01	7.94	3	Horizontal	268	1.41	-				
AV	5.15G	47.19	54.00	-6.81	7.94	3	Horizontal	268	1.41	-				
PK	5.298G	114.52	Inf	-Inf	8.21	3	Horizontal	268	1.41	-				
AV	5.279G	101.83	Inf	-Inf	8.17	3	Horizontal	268	1.41	-				
PK	5.358G	67.66	74.00	-6.34	8.28	3	Horizontal	268	1.41	-				
AV	5.359G	52.92	54.00	-1.08	8.28	3	Horizontal	268	1.41	-				

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz_TX

03/06/2019



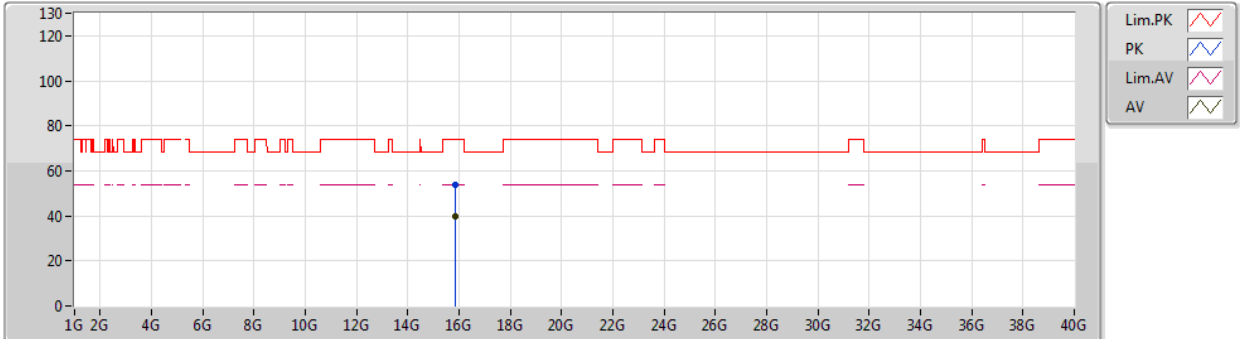
EUT_Z_4TX
Setting 22
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.87196G	53.89	74.00	-20.11	15.20	3	Vertical	20	2.18	-				
AV	15.87308G	39.84	54.00	-14.16	15.20	3	Vertical	20	2.18	-				

802.11ax HEW80_Nss1,(MCS0)_4TX

03/06/2019

5290MHz_TX



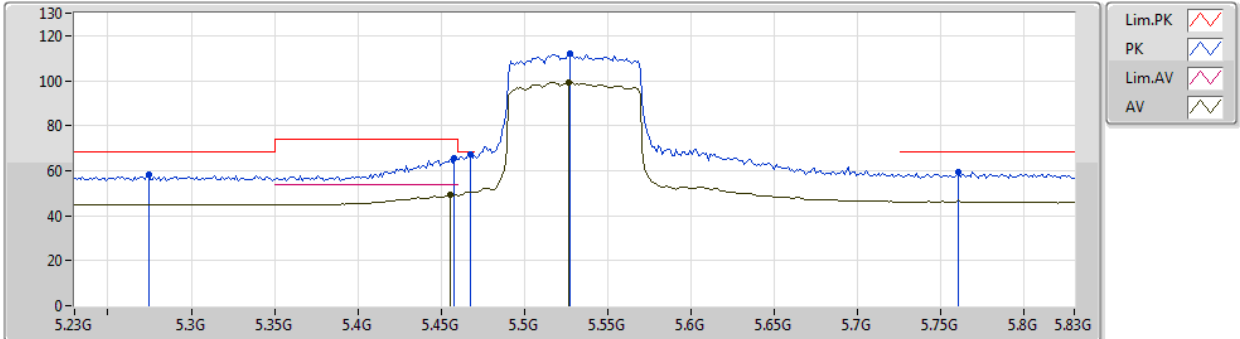
EUT_Z_4TX
Setting 22
02-G-2
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.86688G	53.95	74.00	-20.05	15.22	3	Horizontal	270	2.10	-				
AV	15.8612G	39.85	54.00	-14.15	15.22	3	Horizontal	270	2.10	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5530MHz_TX



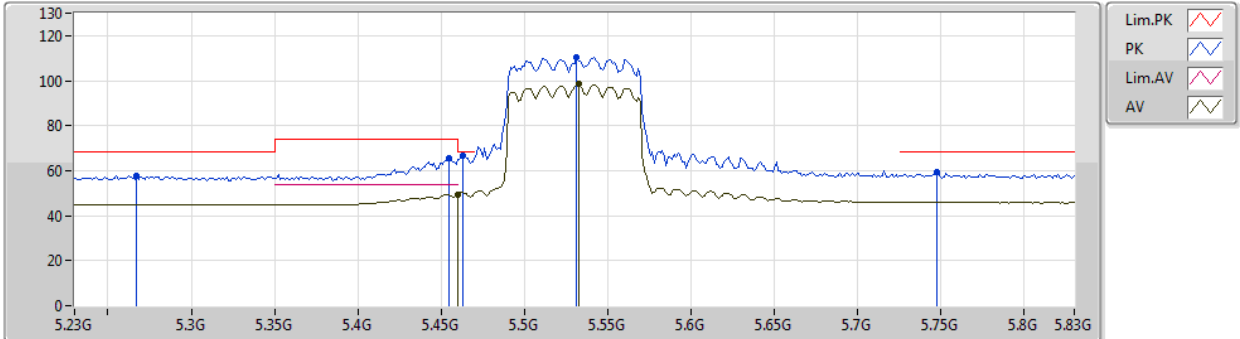
EUT_Z_2TX
Setting 20.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.2744G	58.28	68.20	-9.92	8.17	3	Vertical	19	1.51	-				
PK	5.458G	65.62	74.00	-8.38	8.45	3	Vertical	19	1.51	-				
AV	5.4556G	49.11	54.00	-4.89	8.44	3	Vertical	19	1.51	-				
PK	5.4676G	67.03	68.20	-1.17	8.46	3	Vertical	19	1.51	-				
PK	5.5276G	112.09	Inf	-Inf	8.54	3	Vertical	19	1.51	-				
AV	5.5264G	99.37	Inf	-Inf	8.54	3	Vertical	19	1.51	-				
PK	5.7604G	59.26	68.20	-8.94	8.85	3	Vertical	19	1.51	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5530MHz_TX



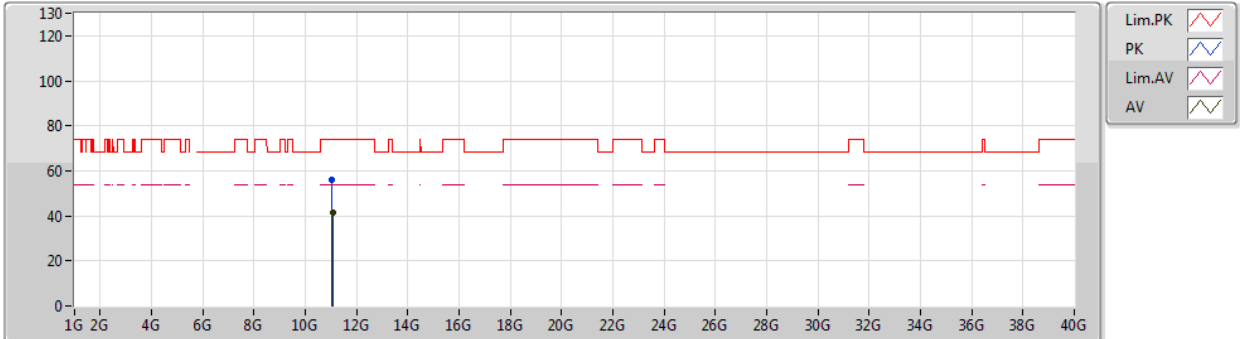
EUT_Z_2TX
Setting 20.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.2672G	57.74	68.20	-10.46	8.16	3	Horizontal	153	2.40	-				
PK	5.4544G	65.57	74.00	-8.43	8.44	3	Horizontal	153	2.40	-				
AV	5.46G	49.46	54.00	-4.54	8.45	3	Horizontal	153	2.40	-				
PK	5.4628G	66.62	68.20	-1.58	8.45	3	Horizontal	153	2.40	-				
PK	5.5312G	110.57	Inf	-Inf	8.54	3	Horizontal	153	2.40	-				
AV	5.5324G	98.36	Inf	-Inf	8.54	3	Horizontal	153	2.40	-				
PK	5.7472G	59.50	68.20	-8.70	8.82	3	Horizontal	153	2.40	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5530MHz_TX



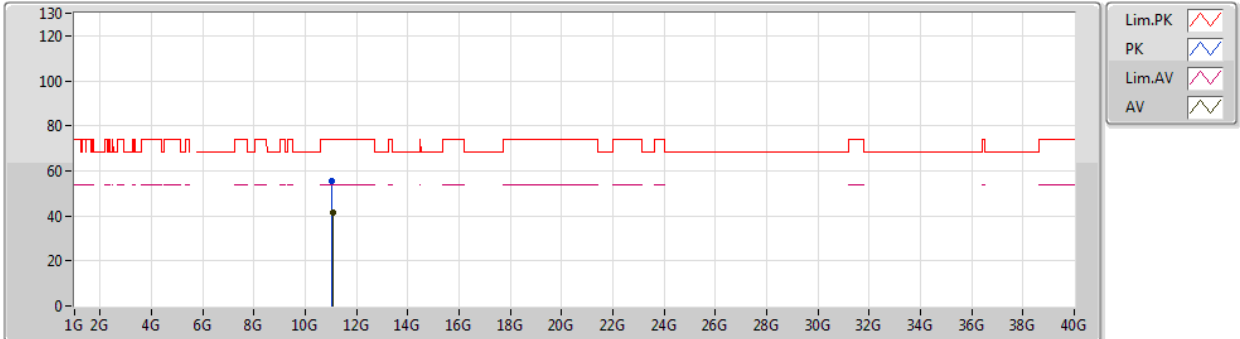
EUT_Z_2TX
Setting 20.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.05208G	56.11	74.00	-17.89	14.33	3	Vertical	235	1.91	-				
AV	11.062G	41.64	54.00	-12.36	14.34	3	Vertical	235	1.91	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5530MHz_TX



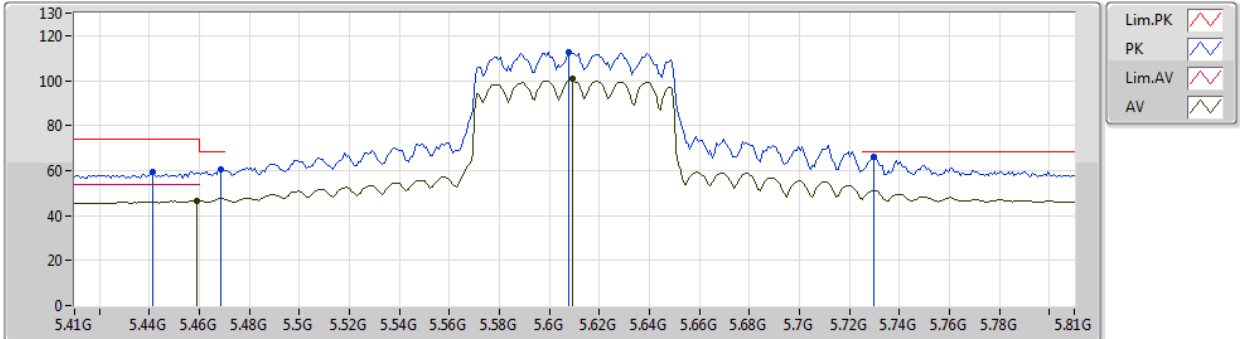
EUT_Z_2TX
Setting 20.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.05272G	55.38	74.00	-18.62	14.33	3	Horizontal	153	1.51	-				
AV	11.06208G	41.38	54.00	-12.62	14.34	3	Horizontal	153	1.51	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5610MHz_TX



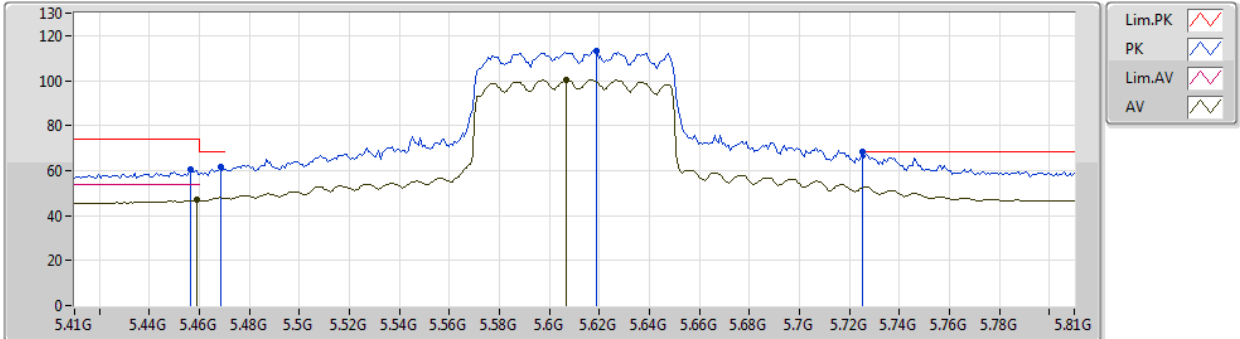
EUT_Z_2TX
Setting 22.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4412G	59.36	74.00	-14.64	8.41	3	Vertical	112	1.15	-				
AV	5.4588G	46.56	54.00	-7.44	8.45	3	Vertical	112	1.15	-				
PK	5.4684G	60.59	68.20	-7.61	8.46	3	Vertical	112	1.15	-				
PK	5.6076G	112.80	Inf	-Inf	8.59	3	Vertical	112	1.15	-				
AV	5.6092G	100.70	Inf	-Inf	8.60	3	Vertical	112	1.15	-				
PK	5.73G	66.39	68.20	-1.81	8.80	3	Vertical	112	1.15	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5610MHz_TX



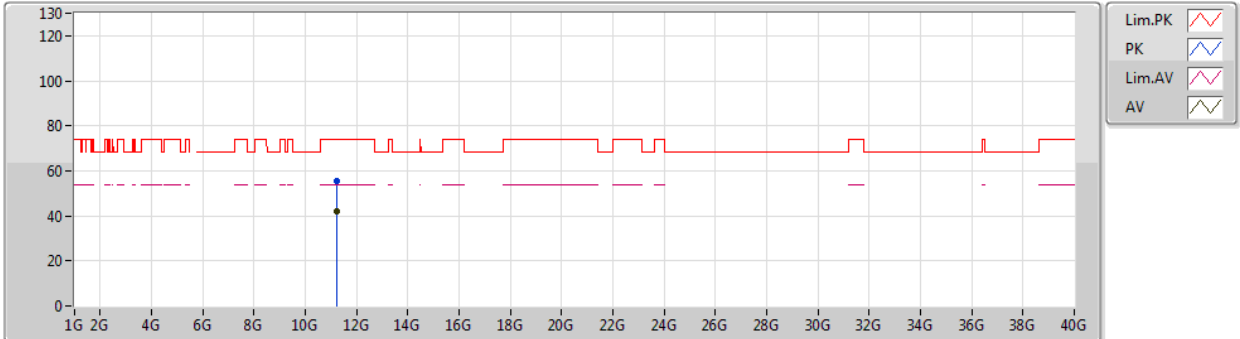
EUT_Z_2TX
Setting 22.5
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4564G	60.45	74.00	-13.55	8.44	3	Horizontal	145	2.29	-				
AV	5.4588G	46.90	54.00	-7.10	8.45	3	Horizontal	145	2.29	-				
PK	5.4684G	61.62	68.20	-6.58	8.46	3	Horizontal	145	2.29	-				
PK	5.6188G	113.39	Inf	-Inf	8.61	3	Horizontal	145	2.29	-				
AV	5.6068G	100.23	Inf	-Inf	8.59	3	Horizontal	145	2.29	-				
PK	5.7252G	68.12	68.20	-0.08	8.79	3	Horizontal	145	2.29	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5610MHz_TX



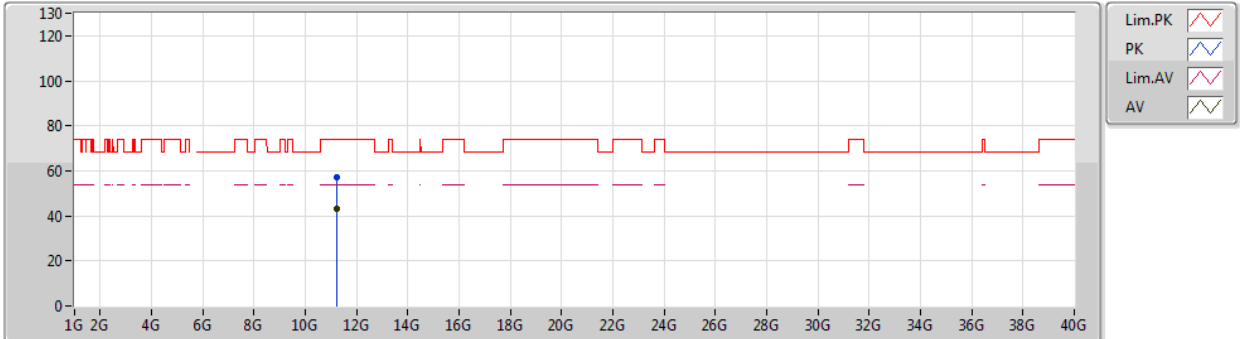
EUT_Z_2TX
Setting 22.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.20992G	55.54	74.00	-18.46	14.53	3	Vertical	227	1.61	-				
AV	11.21984G	41.93	54.00	-12.07	14.55	3	Vertical	227	1.61	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5610MHz_TX



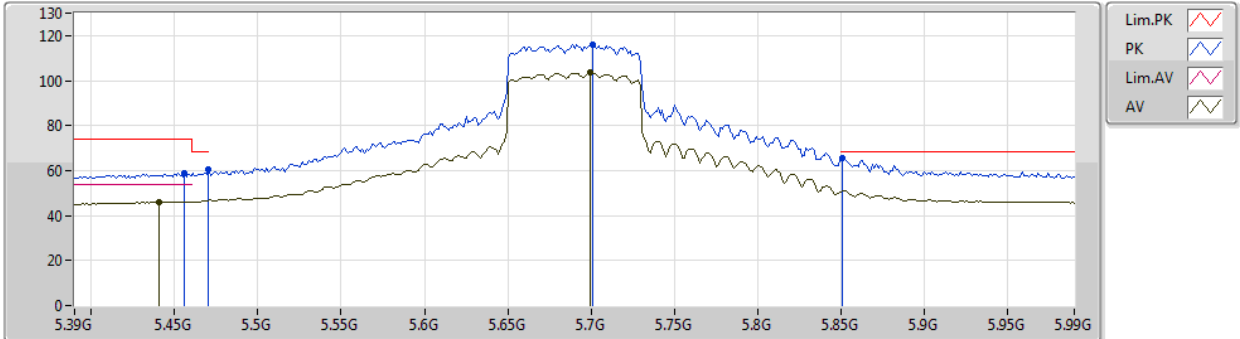
EUT_Z_2TX
Setting 22.5
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.22144G	57.06	74.00	-16.94	14.55	3	Horizontal	121	1.71	-				
AV	11.2208G	43.07	54.00	-10.93	14.55	3	Horizontal	121	1.71	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5690MHz Straddle 5.47-5.725GHz_TX



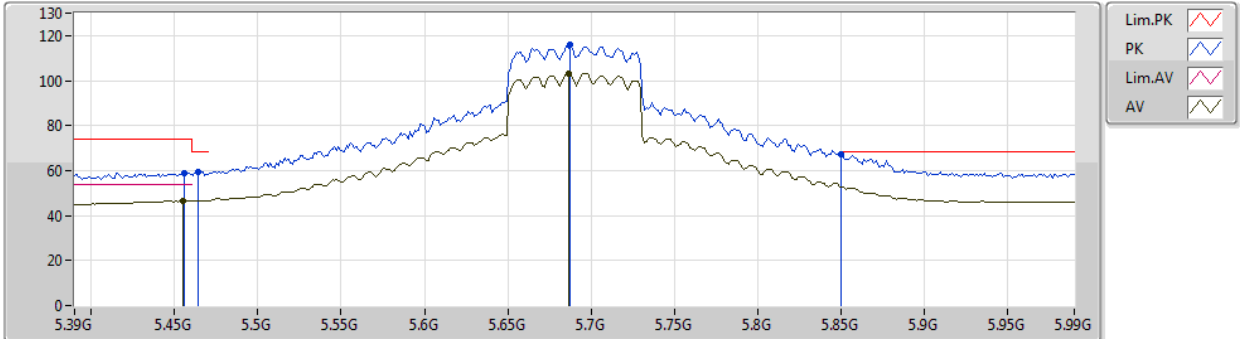
EUT_Z_2TX
Setting 26
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.456G	58.79	74.00	-15.21	8.44	3	Vertical	22	1.50	-				
AV	5.4404G	46.22	54.00	-7.78	8.41	3	Vertical	22	1.50	-				
PK	5.47G	60.40	68.20	-7.80	8.46	3	Vertical	22	1.50	-				
PK	5.7008G	116.11	Inf	-Inf	8.75	3	Vertical	22	1.50	-				
AV	5.6996G	103.46	Inf	-Inf	8.75	3	Vertical	22	1.50	-				
PK	5.8508G	65.41	68.20	-2.79	8.90	3	Vertical	22	1.50	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5690MHz Straddle 5.47-5.725GHz_TX



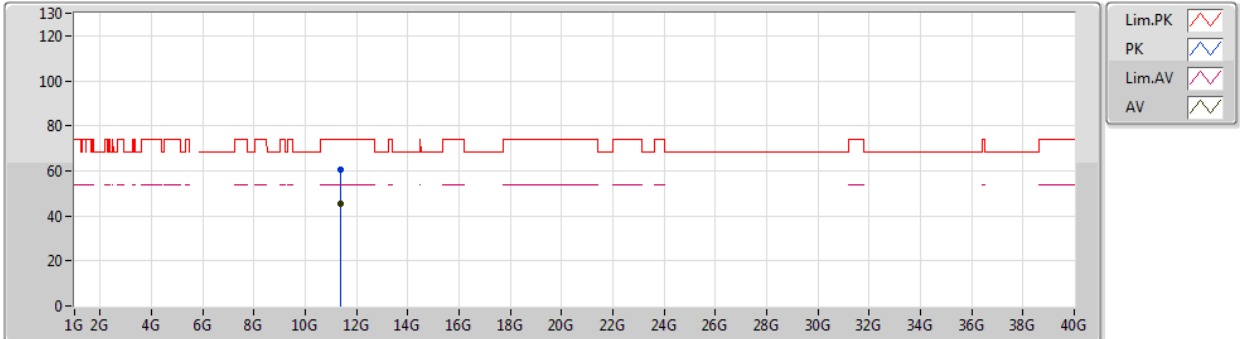
EUT_Z_2TX
Setting 26
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.456G	58.81	74.00	-15.19	8.44	3	Horizontal	157	2.42	-				
AV	5.4548G	46.46	54.00	-7.54	8.44	3	Horizontal	157	2.42	-				
PK	5.4644G	59.26	68.20	-8.94	8.45	3	Horizontal	157	2.42	-				
PK	5.6876G	115.86	Inf	-Inf	8.72	3	Horizontal	157	2.42	-				
AV	5.6864G	103.09	Inf	-Inf	8.72	3	Horizontal	157	2.42	-				
PK	5.85G	67.36	68.20	-0.84	8.90	3	Horizontal	157	2.42	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5690MHz Straddle 5.47-5.725GHz_TX



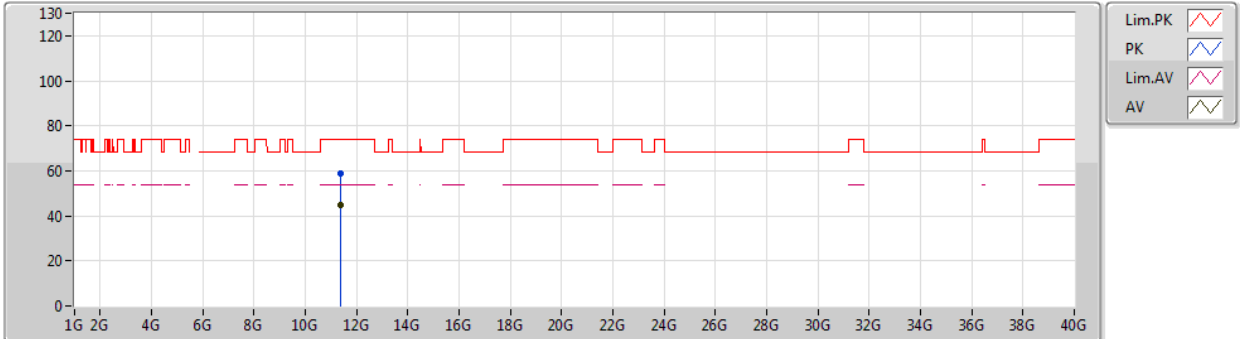
EUT_Z_2TX
Setting 26
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.38896G	60.43	74.00	-13.57	14.76	3	Vertical	173	2.84	-				
AV	11.3888G	45.64	54.00	-8.36	14.76	3	Vertical	173	2.84	-				

802.11ax HEW80_Nss1,(MCS0)_2TX

22/06/2019

5690MHz Straddle 5.47-5.725GHz_TX



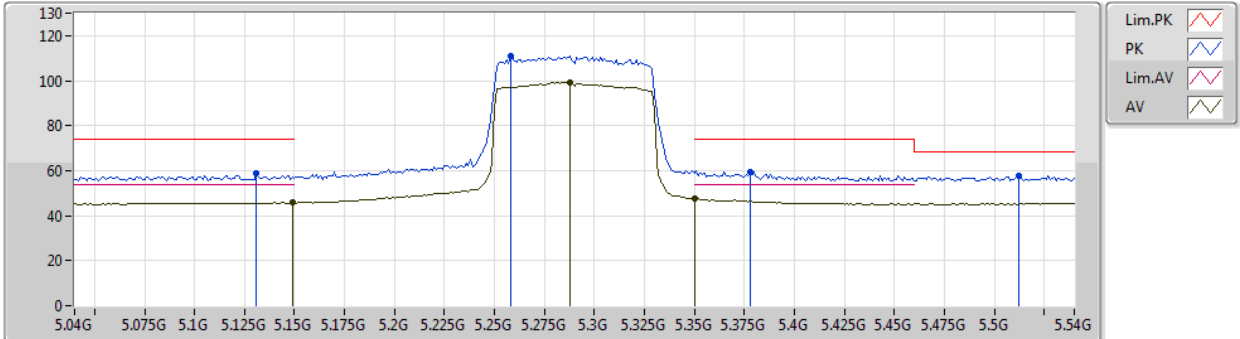
EUT_Z_2TX
Setting 26
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.39416G	58.60	74.00	-15.40	14.77	3	Horizontal	138	1.29	-				
AV	11.38224G	44.76	54.00	-9.24	14.75	3	Horizontal	138	1.29	-				

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

15/06/2019

5290MHz_TX



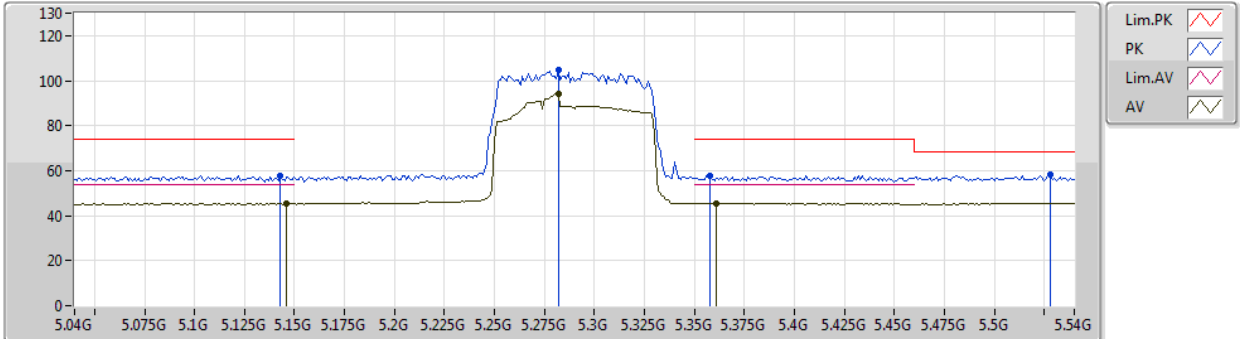
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.131G	58.59	74.00	-15.41	7.91	3	Vertical	103	2.28	-				
AV	5.149G	45.71	54.00	-8.29	7.94	3	Vertical	103	2.28	-				
PK	5.258G	111.01	Inf	-Inf	8.15	3	Vertical	103	2.28	-				
AV	5.288G	99.12	Inf	-Inf	8.20	3	Vertical	103	2.28	-				
PK	5.378G	59.57	74.00	-14.43	8.32	3	Vertical	103	2.28	-				
AV	5.35G	47.50	54.00	-6.50	8.28	3	Vertical	103	2.28	-				
PK	5.512G	57.81	68.20	-10.39	8.53	3	Vertical	103	2.28	-				

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

15/06/2019

5290MHz_TX



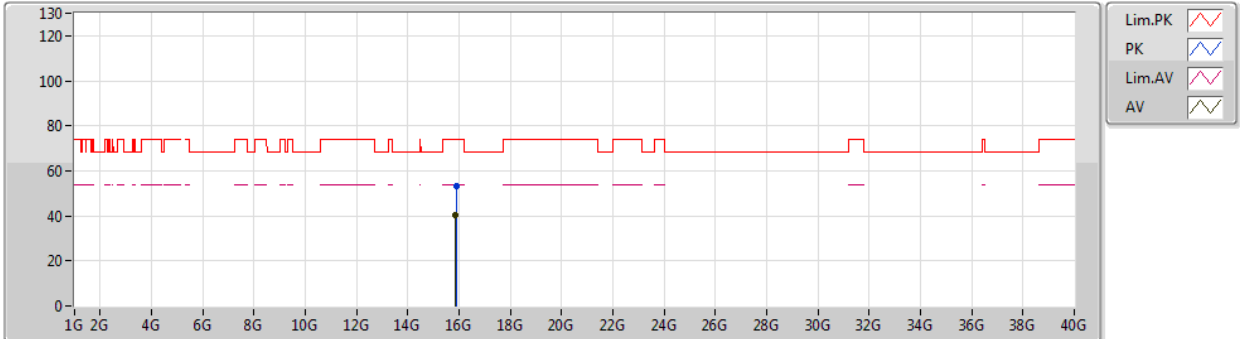
EUT_Z_4TX
Setting 24
02-E-2-10
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.143G	57.59	74.00	-16.41	7.94	3	Horizontal	253	1.50	-				
AV	5.146G	45.54	54.00	-8.46	7.94	3	Horizontal	253	1.50	-				
PK	5.282G	104.65	Inf	-Inf	8.18	3	Horizontal	253	1.50	-				
AV	5.282G	94.18	Inf	-Inf	8.18	3	Horizontal	253	1.50	-				
PK	5.358G	57.92	74.00	-16.08	8.28	3	Horizontal	253	1.50	-				
AV	5.361G	45.66	54.00	-8.34	8.29	3	Horizontal	253	1.50	-				
PK	5.528G	58.10	68.20	-10.10	8.54	3	Horizontal	253	1.50	-				

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

15/06/2019

5290MHz_TX



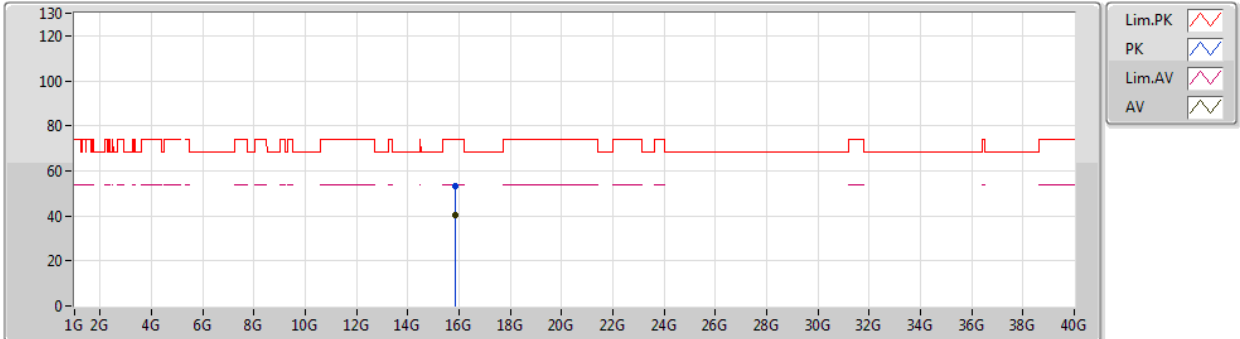
EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.87894G	53.22	74.00	-20.78	15.18	3	Vertical	123	2.11	-				
AV	15.87426G	40.16	54.00	-13.84	15.19	3	Vertical	123	2.11	-				

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

5290MHz_TX

15/06/2019



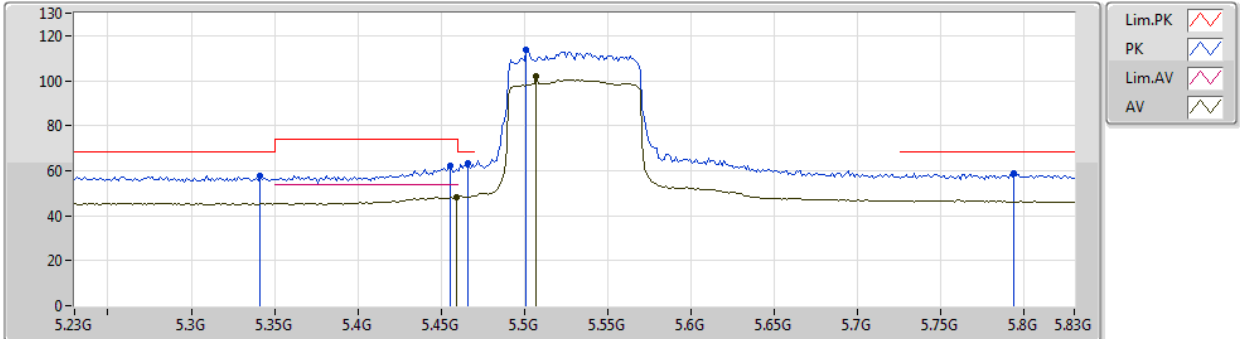
EUT_Z_4TX
Setting 24
02-E-2
FSU

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.85686G	53.41	74.00	-20.59	15.24	3	Horizontal	194	1.77	-				
AV	15.8712G	40.13	54.00	-13.87	15.20	3	Horizontal	194	1.77	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5530MHz_TX



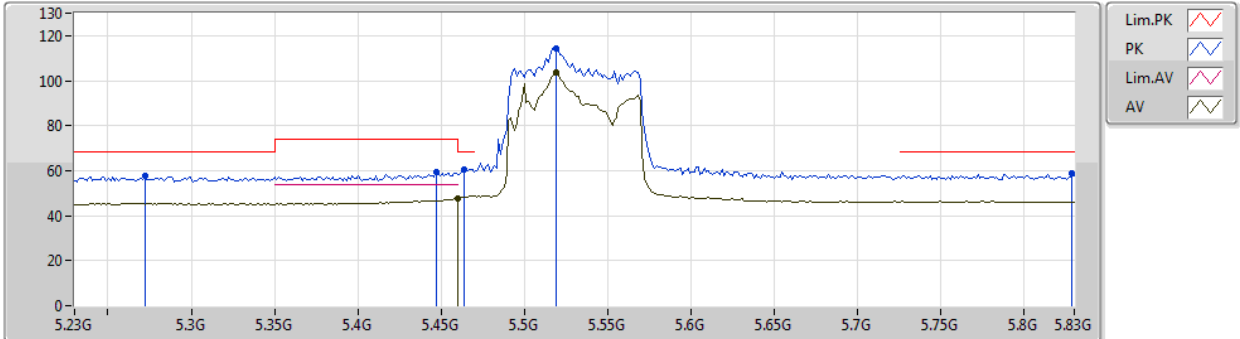
EUT_Z_2TX
Setting 23
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.3416G	57.59	68.20	-10.61	8.27	3	Vertical	14	1.55	-				
PK	5.4556G	62.04	74.00	-11.96	8.44	3	Vertical	14	1.55	-				
AV	5.4592G	48.25	54.00	-5.75	8.45	3	Vertical	14	1.55	-				
PK	5.4664G	63.14	68.20	-5.06	8.46	3	Vertical	14	1.55	-				
PK	5.5012G	113.83	Inf	-Inf	8.52	3	Vertical	14	1.55	-				
AV	5.5072G	102.19	Inf	-Inf	8.52	3	Vertical	14	1.55	-				
PK	5.794G	59.07	68.20	-9.13	8.89	3	Vertical	14	1.55	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5530MHz_TX



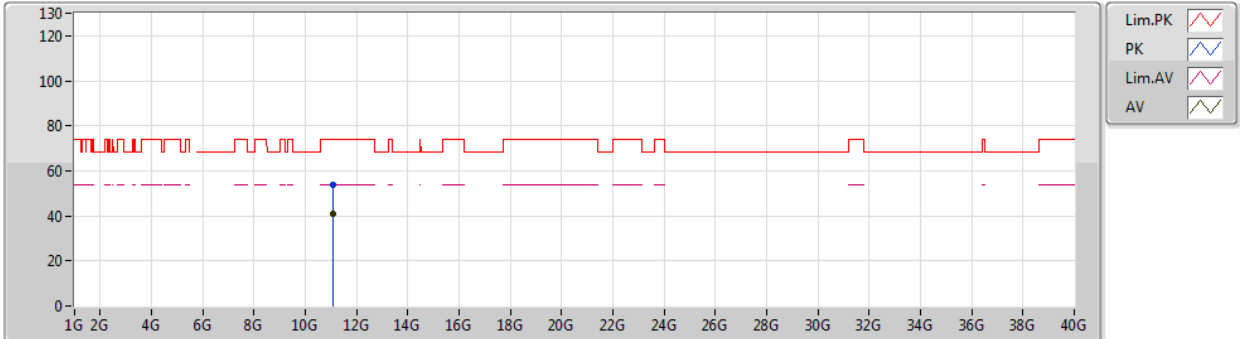
EUT_Z_2TX
Setting 23
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.272G	57.44	68.20	-10.76	8.17	3	Horizontal	151	2.91	-				
PK	5.4472G	59.44	74.00	-14.56	8.42	3	Horizontal	151	2.91	-				
AV	5.46G	47.86	54.00	-6.14	8.45	3	Horizontal	151	2.91	-				
PK	5.464G	60.79	68.20	-7.41	8.45	3	Horizontal	151	2.91	-				
PK	5.5192G	114.21	Inf	-Inf	8.53	3	Horizontal	151	2.91	-				
AV	5.5192G	103.44	Inf	-Inf	8.53	3	Horizontal	151	2.91	-				
PK	5.8288G	58.83	68.20	-9.37	8.91	3	Horizontal	151	2.91	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5530MHz_TX



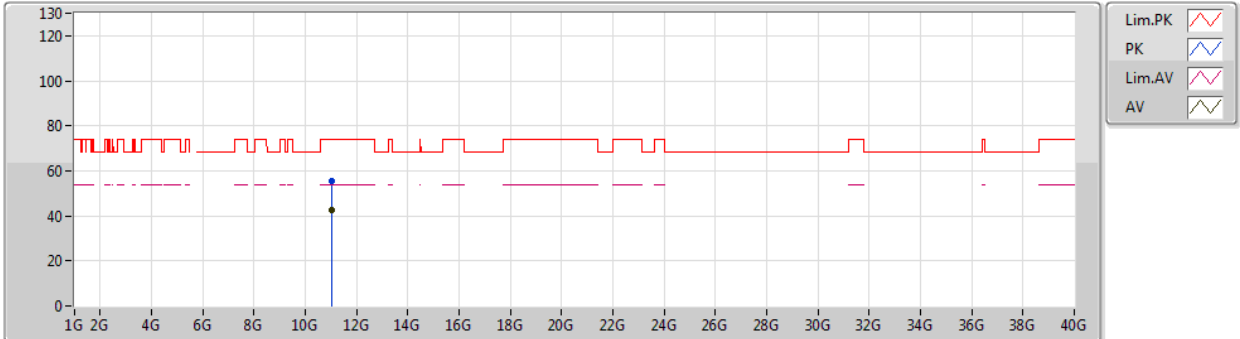
EUT_Z_2TX
Setting 23
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.07672G	53.86	74.00	-20.14	14.36	3	Vertical	223	1.74	-				
AV	11.06704G	40.87	54.00	-13.13	14.35	3	Vertical	223	1.74	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5530MHz_TX



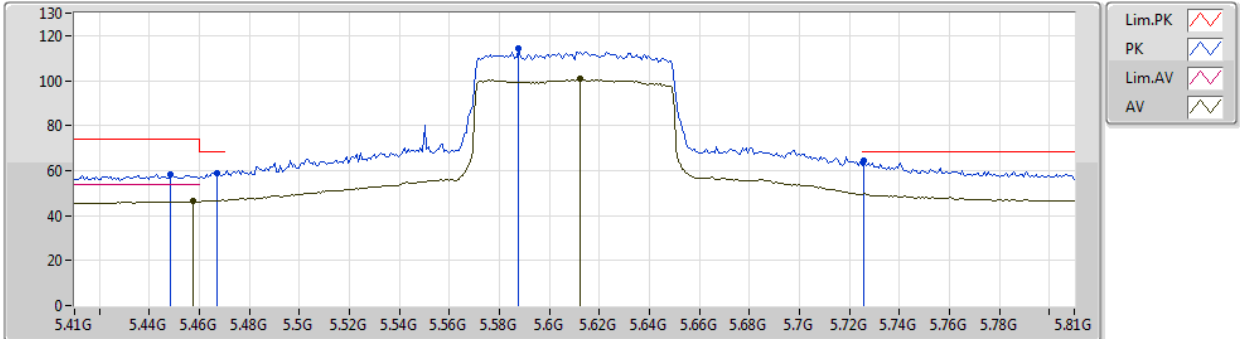
EUT_Z_2TX
Setting 23
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.0412G	55.64	74.00	-18.36	14.31	3	Horizontal	153	1.41	-				
AV	11.04192G	42.33	54.00	-11.67	14.31	3	Horizontal	153	1.41	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5610MHz_TX



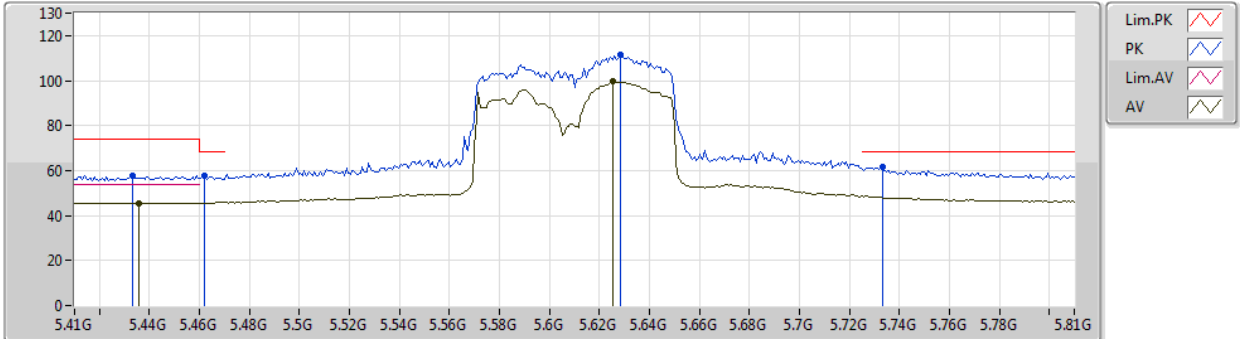
EUT_Z_2TX
Setting 24
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4484G	58.28	74.00	-15.72	8.42	3	Vertical	26	1.48	-				
AV	5.4572G	46.27	54.00	-7.73	8.44	3	Vertical	26	1.48	-				
PK	5.4668G	58.78	68.20	-9.42	8.46	3	Vertical	26	1.48	-				
PK	5.5876G	114.15	Inf	-Inf	8.57	3	Vertical	26	1.48	-				
AV	5.6124G	100.74	Inf	-Inf	8.61	3	Vertical	26	1.48	-				
PK	5.726G	64.33	68.20	-3.87	8.79	3	Vertical	26	1.48	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5610MHz_TX



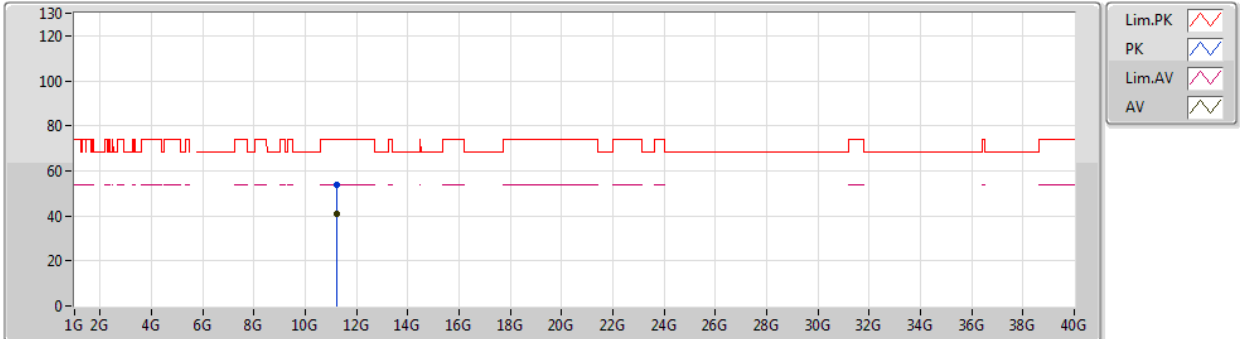
EUT_Z_2TX
Setting 24
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4332G	57.93	74.00	-16.07	8.40	3	Horizontal	195	1.47	-				
AV	5.4356G	45.64	54.00	-8.36	8.41	3	Horizontal	195	1.47	-				
PK	5.462G	57.45	68.20	-10.75	8.45	3	Horizontal	195	1.47	-				
PK	5.6284G	111.52	Inf	-Inf	8.63	3	Horizontal	195	1.47	-				
AV	5.6252G	99.78	Inf	-Inf	8.63	3	Horizontal	195	1.47	-				
PK	5.7332G	61.84	68.20	-6.36	8.80	3	Horizontal	195	1.47	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5610MHz_TX



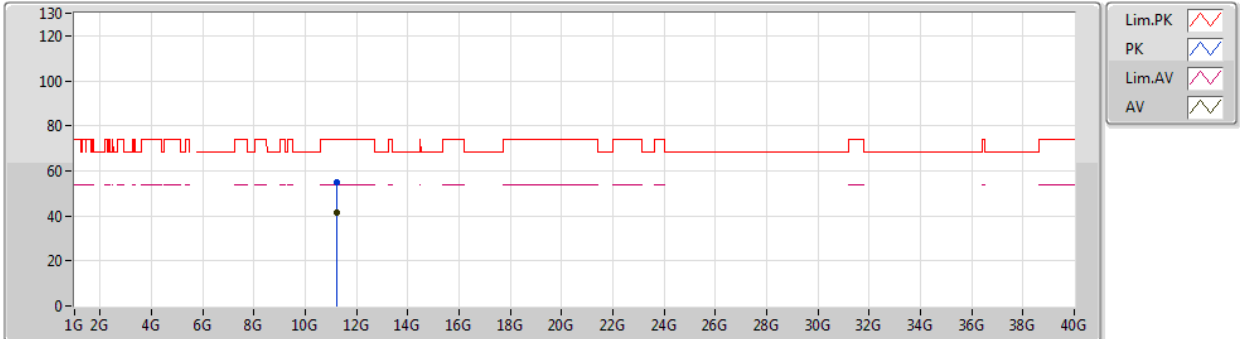
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.22048G	53.66	74.00	-20.34	14.55	3	Vertical	220	1.48	-				
AV	11.22G	40.75	54.00	-13.25	14.55	3	Vertical	220	1.48	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5610MHz_TX



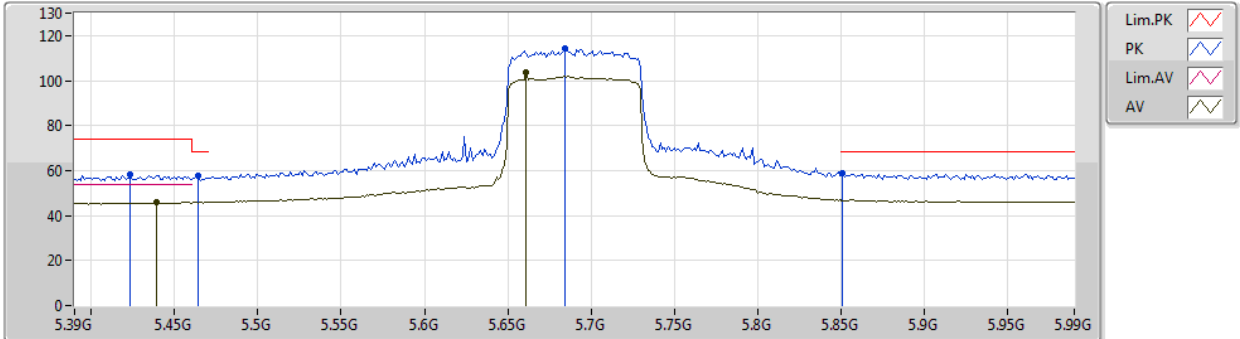
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.21288G	54.65	74.00	-19.35	14.53	3	Horizontal	97	1.38	-				
AV	11.21328G	41.50	54.00	-12.50	14.53	3	Horizontal	97	1.38	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5690MHz Straddle 5.47-5.725GHz_TX



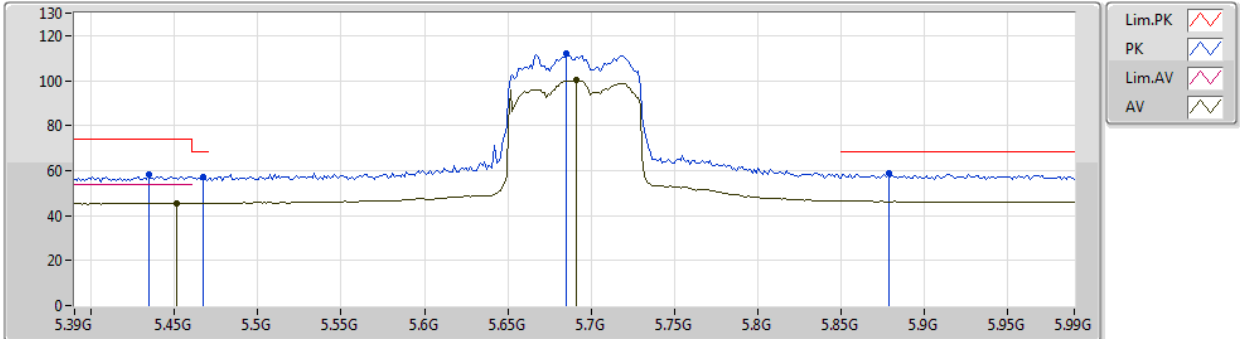
EUT_Z_2TX
Setting 24
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4236G	58.19	74.00	-15.81	8.38	3	Vertical	26	1.48	-				
AV	5.4392G	45.71	54.00	-8.29	8.41	3	Vertical	26	1.48	-				
PK	5.4644G	57.65	68.20	-10.55	8.45	3	Vertical	26	1.48	-				
PK	5.684G	114.10	Inf	-Inf	8.72	3	Vertical	26	1.48	-				
AV	5.6612G	103.41	Inf	-Inf	8.69	3	Vertical	26	1.48	-				
PK	5.8508G	58.76	68.20	-9.44	8.90	3	Vertical	26	1.48	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5690MHz Straddle 5.47-5.725GHz_TX



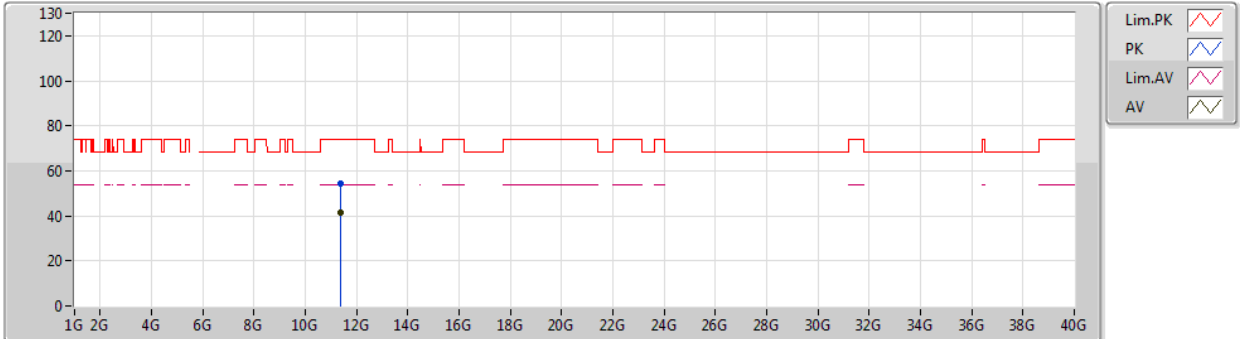
EUT_Z_2TX
Setting 24
02-B-4-10
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	5.4344G	58.14	74.00	-15.86	8.40	3	Horizontal	197	1.44	-				
AV	5.4512G	45.49	54.00	-8.51	8.44	3	Horizontal	197	1.44	-				
PK	5.4668G	57.35	68.20	-10.85	8.46	3	Horizontal	197	1.44	-				
PK	5.6852G	112.04	Inf	-Inf	8.72	3	Horizontal	197	1.44	-				
AV	5.6912G	100.07	Inf	-Inf	8.73	3	Horizontal	197	1.44	-				
PK	5.8784G	58.60	68.20	-9.60	8.92	3	Horizontal	197	1.44	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5690MHz Straddle 5.47-5.725GHz_TX



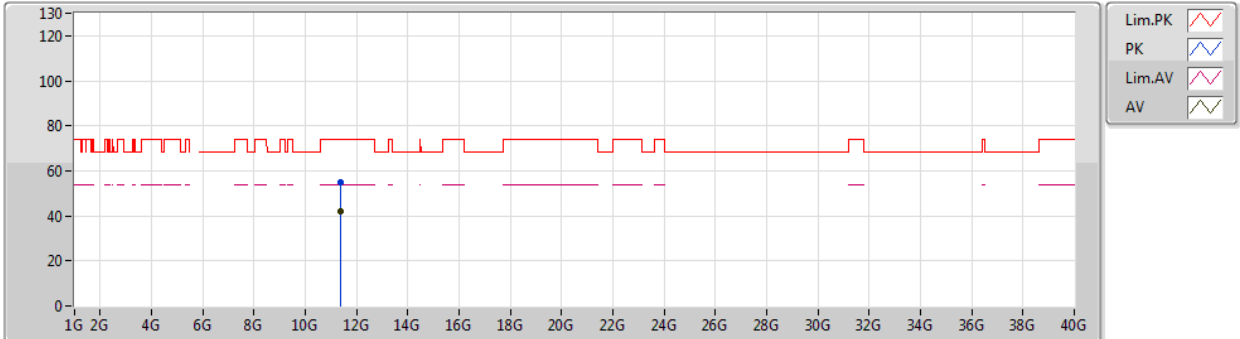
EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.39232G	54.52	74.00	-19.48	14.76	3	Vertical	228	1.43	-				
AV	11.38552G	41.47	54.00	-12.53	14.75	3	Vertical	228	1.43	-				

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

25/06/2019

5690MHz Straddle 5.47-5.725GHz_TX



EUT_Z_2TX
Setting 24
02-B-4
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.38152G	55.07	74.00	-18.93	14.75	3	Horizontal	98	1.16	-				
AV	11.3804G	41.96	54.00	-12.04	14.74	3	Horizontal	98	1.16	-				