FCC RADIO TEST REPORT

FCC ID	:	2AGMRTRM9995G
Equipment	:	802.11ac WiFi Radio Module
Brand Name	:	EVEREST™ Network Solutions
Model Name	:	TRM9995G
Applicant	:	Tembo Systems, Inc. 2933 Bunker Hill lane, Suite 100, Santa Clara, CA 95054 U.S.A
Manufacturer	:	Tembo Systems, Inc. 2933 Bunker Hill lane, Suite 100, Santa Clara, CA 95054 U.S.A
Standard	:	47 CFR FCC Part 15.407

The product was received on Apr. 25, 2018, and testing was started from May 16, 2018 and completed on Jun. 12, 2018. 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

Report No.	Version	Description	Issued Date
FR650411-08	01	Initial issue of report	Jun. 19, 2018

Summary of Test Result

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

Reviewed by: Sam Chen

Report Producer: Vicky Huang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5725-5850		5775	155 [1]

Band	Mode	BWch (MHz)	Nant
5.15-5.25GHz	802.11a	20	2TX, 4TX
5.15-5.25GHz	802.11n HT20	20	2TX, 4TX
5.15-5.25GHz	802.11n HT20-BF	20	2TX, 4TX
5.15-5.25GHz	802.11ac VHT20	20	2TX, 4TX
5.15-5.25GHz	802.11ac VHT20-BF	20	2TX, 4TX
5.15-5.25GHz	802.11n HT40	40	2TX, 4TX
5.15-5.25GHz	802.11n HT40-BF	40	2TX, 4TX
5.15-5.25GHz	802.11ac VHT40	40	2TX, 4TX
5.15-5.25GHz	802.11ac VHT40-BF	40	2TX, 4TX
5.15-5.25GHz	802.11ac VHT80	80	2TX, 4TX
5.15-5.25GHz	802.11ac VHT80-BF	80	2TX, 4TX
5.25-5.35GHz	802.11a	20	2TX, 4TX
5.25-5.35GHz	802.11n HT20	20	2TX, 4TX
5.25-5.35GHz	802.11n HT20-BF	20	2TX, 4TX
5.25-5.35GHz	802.11ac VHT20	20	2TX, 4TX
5.25-5.35GHz	802.11ac VHT20-BF	20	2TX, 4TX
5.25-5.35GHz	802.11n HT40	40	2TX, 4TX
5.25-5.35GHz	802.11n HT40-BF	40	2TX, 4TX

Band	Mode	BWch (MHz)	Nant
5.25-5.35GHz	802.11ac VHT40	40	2TX, 4TX
5.25-5.35GHz	802.11ac VHT40-BF	40	2TX, 4TX
5.47-5.725GHz	802.11a	20	4TX
5.47-5.725GHz	802.11n HT20	20	4TX
5.47-5.725GHz	802.11n HT20-BF	20	4TX
5.47-5.725GHz	802.11ac VHT20	20	4TX
5.47-5.725GHz	802.11ac VHT20-BF	20	4TX
5.47-5.725GHz	802.11n HT40	40	4TX
5.47-5.725GHz	802.11n HT40-BF	40	4TX
5.47-5.725GHz	802.11ac VHT40	40	4TX
5.47-5.725GHz	802.11ac VHT40-BF	40	4TX
5.725-5.85GHz	802.11a	20	2TX, 4TX
5.725-5.85GHz	802.11n HT20	20	2TX, 4TX
5.725-5.85GHz	802.11n HT20-BF	20	2TX, 4TX
5.725-5.85GHz	802.11ac VHT20	20	2TX, 4TX
5.725-5.85GHz	802.11ac VHT20-BF	20	2TX, 4TX
5.725-5.85GHz	802.11n HT40	40	2TX, 4TX
5.725-5.85GHz	802.11n HT40-BF	40	2TX, 4TX
5.725-5.85GHz	802.11ac VHT40	40	2TX, 4TX
5.725-5.85GHz	802.11ac VHT40-BF	40	2TX, 4TX
5.725-5.85GHz	802.11ac VHT80	80	2TX, 4TX
5.725-5.85GHz	802.11ac VHT80-BF	80	2TX, 4TX

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

1.1.2 Antenna Information

Ant. Set	Brand Holder	Band	Model Name	Antenna Type	Connector	Gain (dBi)	TX Function	Host System Model
1	Tembo Systems Inc.	Band 1, 2 and Band 4	PCA-000007-XXX-X/ PCA-000005-XXX-X	OMNI Antenna	I-PEX	Note1	4TX/4RX	AP1004WRe series
		Band 3	PCA-000006-000-X/ PCB-000015-XXX-X					
2	Tembo Systems Inc.	Band 1 and Band 2	PCA-000009-XXX-X	Directional Antenna	I-PEX	Note1	4TX/4RX	AP1004NRe series
		Band 3	PCB-000011-XXX-X					
		Band 4	PCA-000010-XXX-X					
3	Tembo Systems Inc.	Band 1 and Band 2	PCA-000033-000-X	Directional Antenna	I-PEX	Note1	2TX/2RX	AP1004UNe series
		Band 3	PCA-000046-000-X				4TX/4RX	
		Band 4	PCA-000034-000-X				2TX/2RX	

Note1:

Ant. Set	Band	Gain (dBi)	Cable loss	True Gain (dBi)	Array Gain (dBi)
1	Band 1	5.06	9.90	-4.84	4
	Band 2	4.55	9.90	-5.35	4
	Band 3	4.82	1.35	3.47	4
	Band 4	5.03	10.9	-5.87	4

Ant. Set	Band	Tested Antenna Gain (dBi)	Cable loss (dB)	Tested net antenna gain (dBi)	Certified Net Antenna Gain (dBi)	Array Gain (dBi)
2	Band 1	13.6	1.6	12	13	1
	Band 2	13.6	1.6	12	13	1
	Band 3	15.3	1.6	13.7	14	1
	Band 4	13.6	1.6	12	13	1

Ant. Set	Band	Tested Antenna Gain (dBi)	Cable loss (dB)	Tested net antenna gain (dBi)	Certified Net Antenna Gain (dBi)	Array Gain (dBi)
3	Band 1	19.25	1.6	17.65	18	0
	Band 2	19.25	1.6	17.65	18	0
	Band 3	15.30	1.6	13.70	14	1
	Band 4	19.25	1.6	17.65	18	0

Note2: **For Ant. Set 1:**
The EUT is a limited module which only limited to the host (model: AP1004WRe series).
The EUT was installed to the host (model: AP1004WRe series) to perform all the tests.
For Ant. Set 2:
The EUT is a limited module which only limited to the host (model: AP1004NRe series).
The EUT was installed to the host (model: AP1004NRe series) to perform all the tests.
For Ant. Set 3:
The EUT is a limited module which only limited to the host (model: AP1004UNe series).
The EUT was installed to the host (model: AP1004UNe series) to perform all the tests.

Note 3: The EUT has three sets of antennas.

For IEEE 802.11a/n/ac mode (4TX/4RX):

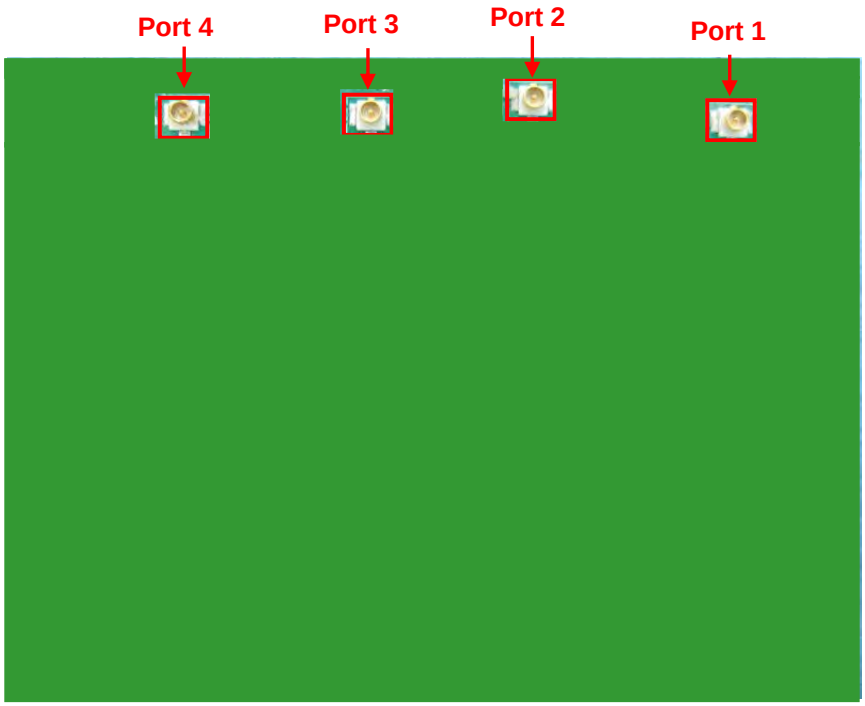
Port 1, Port 2, Port 3 and Port 4 can be used as transmitting/receiving antenna.

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

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

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

Port 1 and Port 2 could transmit/receive simultaneously.



1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.967	0.146	2.03m	1k
802.11ac VHT20	0.987	0.057	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.926	0.334	1.755m	1k
802.11ac VHT40	0.974	0.114	2.418m	1k
802.11ac VHT40-BF	0.915	0.386	1.69m	1k
802.11ac VHT80	0.948	0.232	1.138m	1k
802.11ac VHT80-BF	0.858	0.665	1.943m	1k

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☒	With beamforming for 802.11n/ac	☐	Without beamforming
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	For non-beamforming mode: QCARCT			
	For beamforming mode: Telnet Ver3.0.210.0			

1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR650411 and FR650411-01

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

Modifications	Performance Checking
1. Add the third set antenna with the same type (Directional Antenna).(Antenna type: Directional Ant. / Brand holder: Tembo Systems Inc. /Part Number: PCA-000033-000-X, PCA-000046-000-X, PCA-000034-000-X). 2. For Band 1, Band 2 and Band 4, the gain is higher than the original's gain. The third set antenna support 2TX/2RX but the original directional antenna support 4TX/4RX. 3. For Band 3, the gain is same as the original's gain. The third set antenna and the original directional antenna support 4TX/4RX. Note: According the modification above, only available for the host system Model Name: AP1004UNe series.	1. For Band 1, Band 2 and Band 4: All test items. 2. For Band 3: After evaluating, it's no need to re-test.
4. Adding brand name "EVEREST™ Network Solutions".	It does not affect the test.

1.2 Testing Applied 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

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	Owen Hsu	25°C / 55%	May 16, 2018~Jun. 07, 2018
Radiated	03CH01-CB	Eddie Weng & Ekko Hsieh	25°C / 45%	May 16, 2018~Jun. 07, 2018
AC Conduction	CO01-CB	Max Lin	24°C / 57%	Jun. 12, 2018

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)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	14
5200MHz	14
5240MHz	14.5
5260MHz	8
5300MHz	7.5
5320MHz	7.5
5745MHz	14
5785MHz	14
5825MHz	15
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	14
5200MHz	14
5240MHz	14
5260MHz	8
5300MHz	8
5320MHz	8
5745MHz	15
5785MHz	15
5825MHz	15
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	13
5230MHz	13
5270MHz	7
5310MHz	7
5755MHz	13.5
5795MHz	13.5
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	12
5775MHz	13.5

802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	17
5200MHz	17
5240MHz	17
5260MHz	12
5300MHz	12
5320MHz	12.5
5745MHz	18
5785MHz	17
5825MHz	17
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	16
5230MHz	16.5
5270MHz	11
5310MHz	11
5755MHz	16
5795MHz	16
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	17
5775MHz	16
Note 1: VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40. Note 2: The EUT supports AP mode and Repeater mode, but the Repeater mode doesn't supports DFS band. Note 3: There are two modes of EUT, one is beamforming mode, and the other is non-beamforming mode for 802.11n/ac. All test results were recorded in this report.	

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	AP Mode with Ant.3
2	Repeater Mode with Ant.3
For operating mode 1 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	Normal Link
1	EUT X axis - AP Mode with Ant.3
2	EUT Y axis - AP Mode with Ant.3
Mode 1 has been evaluated to be the worst case between Mode 1~2, thus measurement for Mode 3 will follow this same test mode.	
3	EUT X axis - Repeater Mode with Ant. Set 3
For operating mode 3 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
1	EUT X axis with Ant.3
2	EUT Y axis with Ant.3
Mode 1 has been evaluated to be the worst case after evaluating. Consequently, measurement will follow this same test mode.	

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + 5GHz Band 1, 2 + 5GHz Band 3 + 5GHz Band 4
Refer to Sporton Test Report No.: FA650411-08 for Co-location RF Exposure Evaluation.	
Note: The host (AP1004UNe series) insert four radios. Radio 1 is 2.4GHz, Radio 2 is 5GHz band 1, band 2, Radio 3 is 5GHz band 3, Radio 4 is 5GHz band 4. Radio 1 FCC ID: 2AGMRTRM9992G. Radio 2~Radio 4 FCC ID: 2AGMRTRM9995G.	

2.3 EUT Operation during Test

For CTX Mode:

For non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

For 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 Wireless AP and transmit duty cycle no less than 98%.

For Normal Link:

During the test, the EUT operation to normal function.

2.4 Accessories

N/A

2.5 Support Equipment

For Test Site No: CO01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*3	DELL	E6430	N/A
2	PC*2	DELL	T3400	N/A
3	Switch*2	NETGEAR	XS724EM	N/A
4	PoE*2	YAMAHA	YPS-PoE-AT	N/A
5	Host system	EVEREST™ Network Solutions	AP1004UNe series	N/A

For Test Site No: 03CH01-CB (below 1GHz)

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*4	Apple	Mac Book	N/A
2	PC*2	DELL	T3400	N/A
3	Switch*2	NETGEAR	XS512EM	N/A
4	PoE*4	ZyXEL	PoE12-HP	N/A
5	Host system	EVEREST™ Network Solutions	AP1004UNe series	N/A

For Test Site No: 03CH01-CB (above 1GHz) and TH01-CB

For non-beamforming mode:

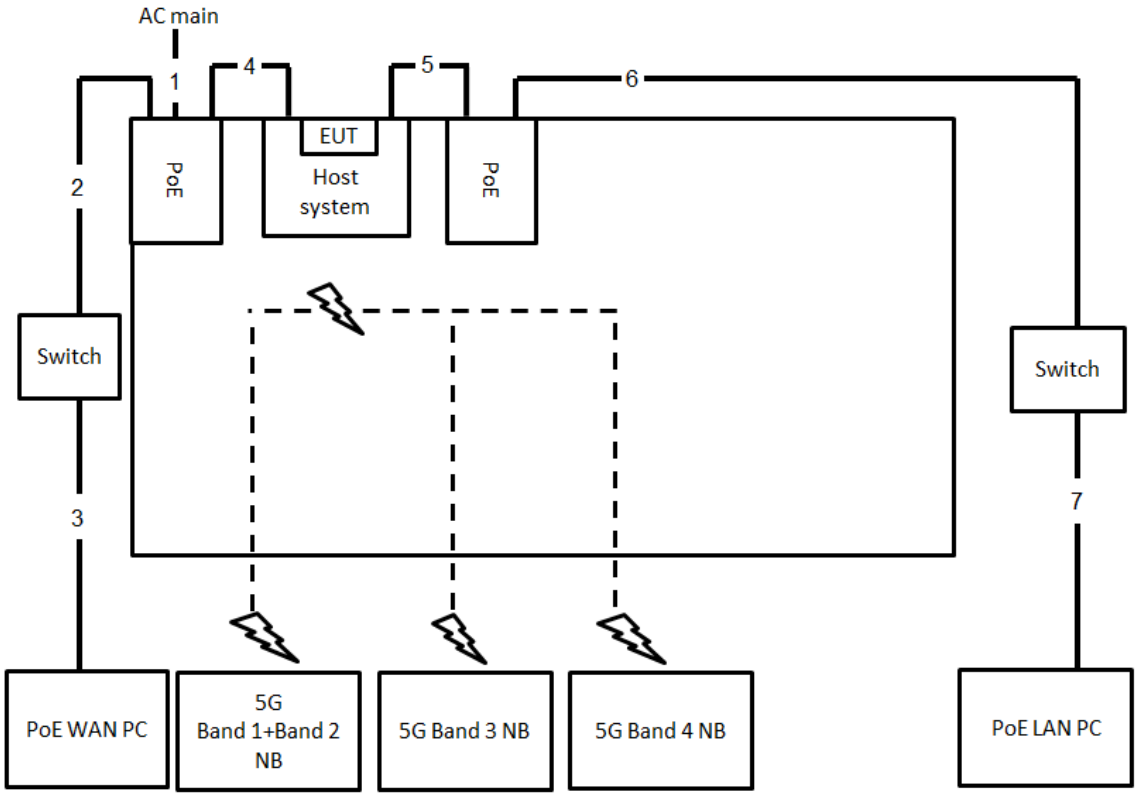
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	N/A
2	PoE*2	ZyXEL	PoE12-HP	N/A
3	Host system	EVEREST™ Network Solutions	AP1004UNe series	N/A

For beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	N/A
2	PoE*2	ZyXEL	PoE12-HP	N/A
3	WLAN AP (RX Device)	NETGEAR	R7800	N/A
4	Host system	EVEREST™ Network Solutions	AP1004UNe series	N/A

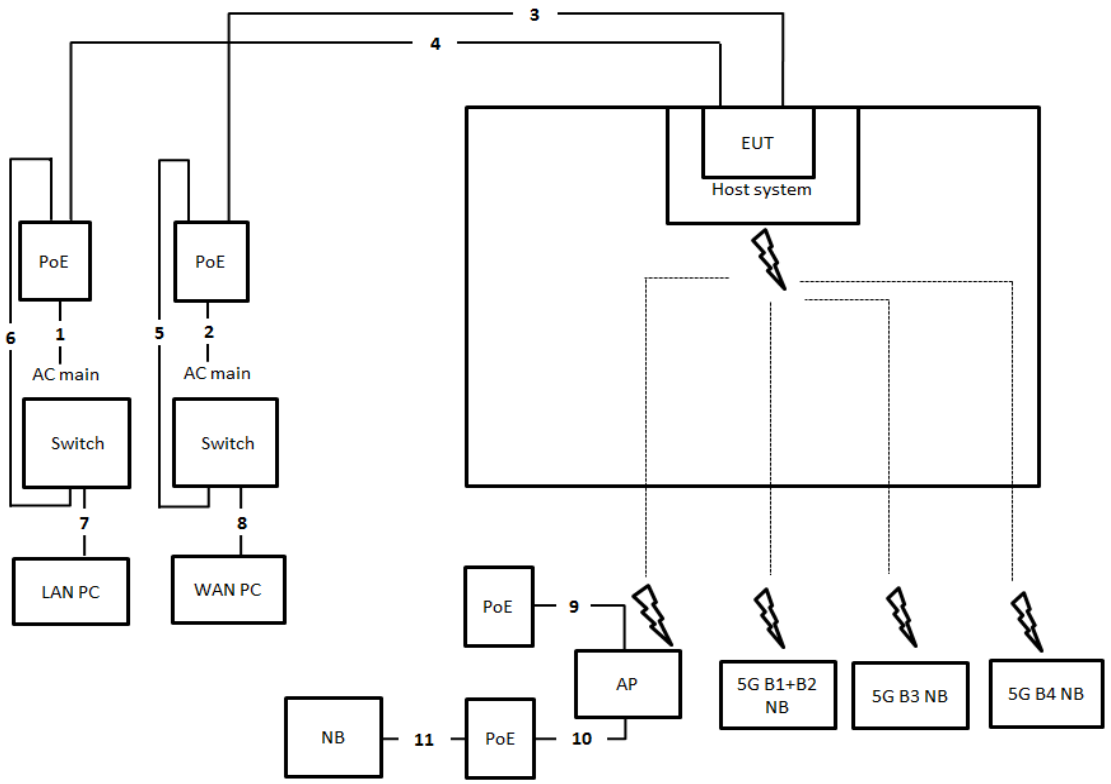
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	RJ-45 cable	No	10m
3	RJ-45 cable	No	3m
4	RJ-45 cable	No	1.5m
5	RJ-45 cable	No	1.5m
6	RJ-45 cable	No	10m
7	RJ-45 cable	No	3m

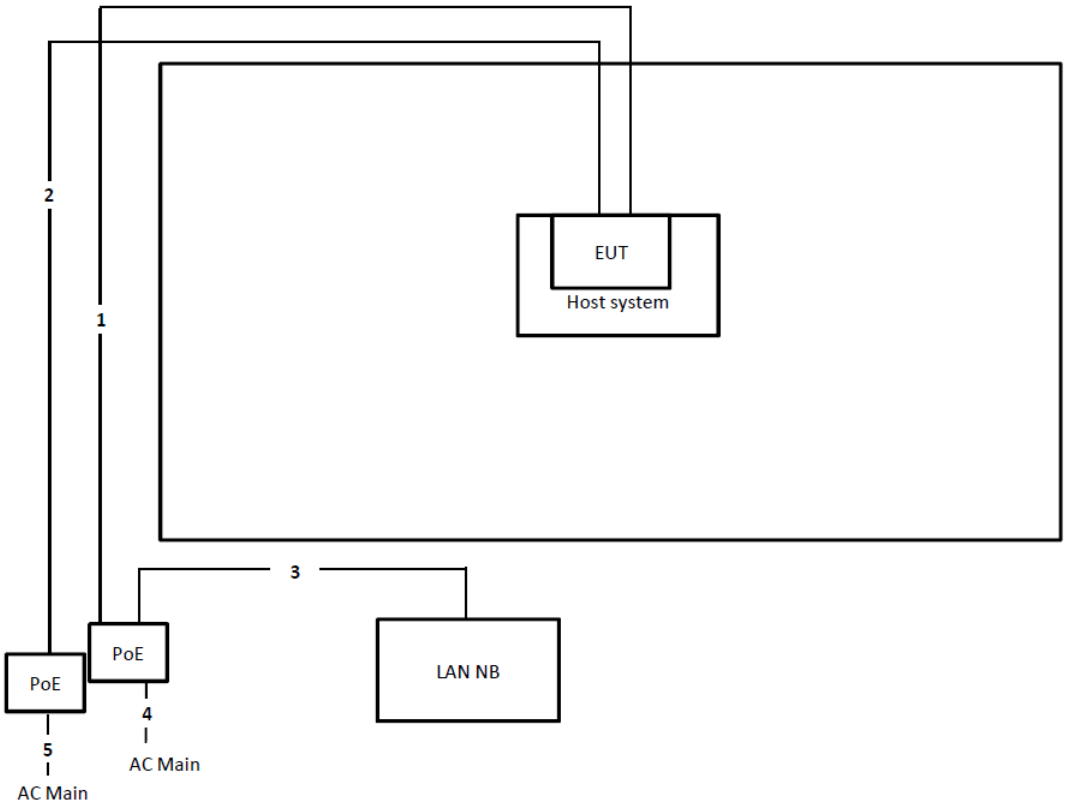
Test Setup Diagram - Radiated Test < 1GHz



Item	Connection	Shielded	Length
1	Power cable	No	1.5m
2	Power cable	No	1.5m
3	RJ-45 cable	No	10m
4	RJ-45 cable	No	10m
5	RJ-45 cable	No	1.5m
6	RJ-45 cable	No	1.5m
7	RJ-45 cable	No	1.5m
8	RJ-45 cable	No	1.5m
9	RJ-45 cable	No	10m
10	RJ-45 cable	No	10m
11	RJ-45 cable	No	1.5m

Test Setup Diagram - Radiated Test > 1GHz

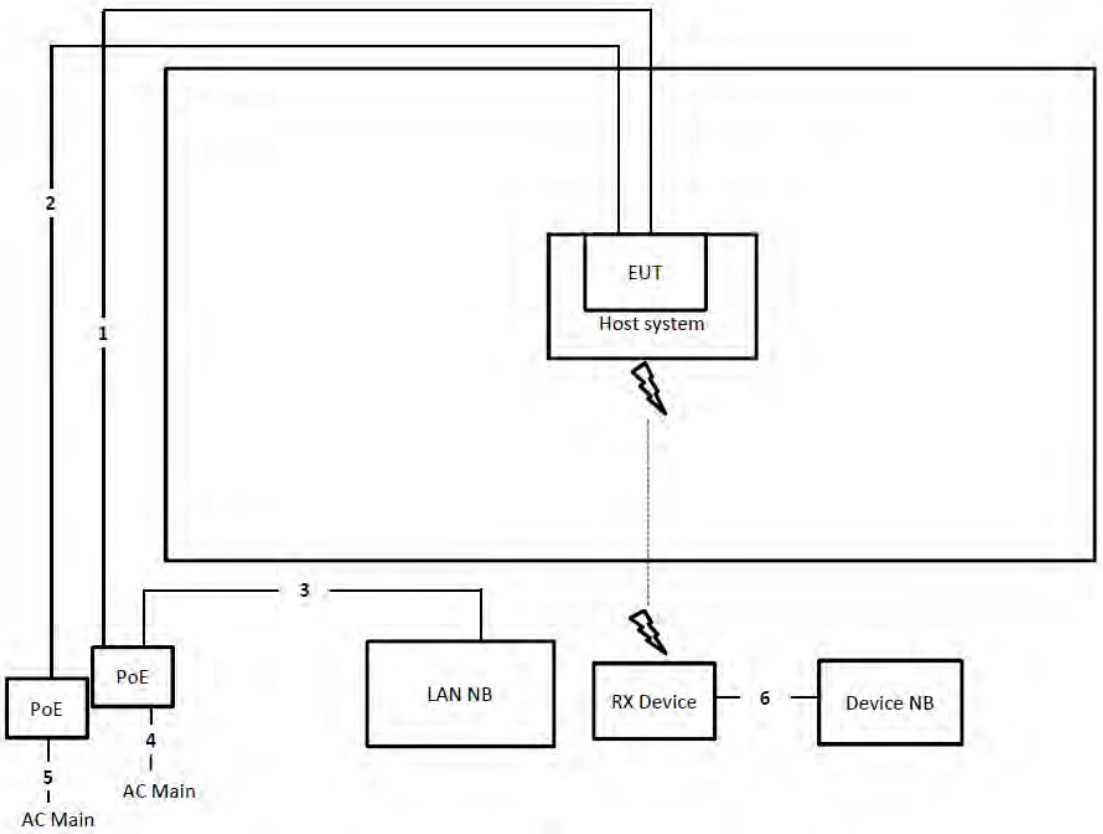
For non-beamforming mode:



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

Test Setup Diagram - Radiated Test > 1GHz

For beamforming mode:



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

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

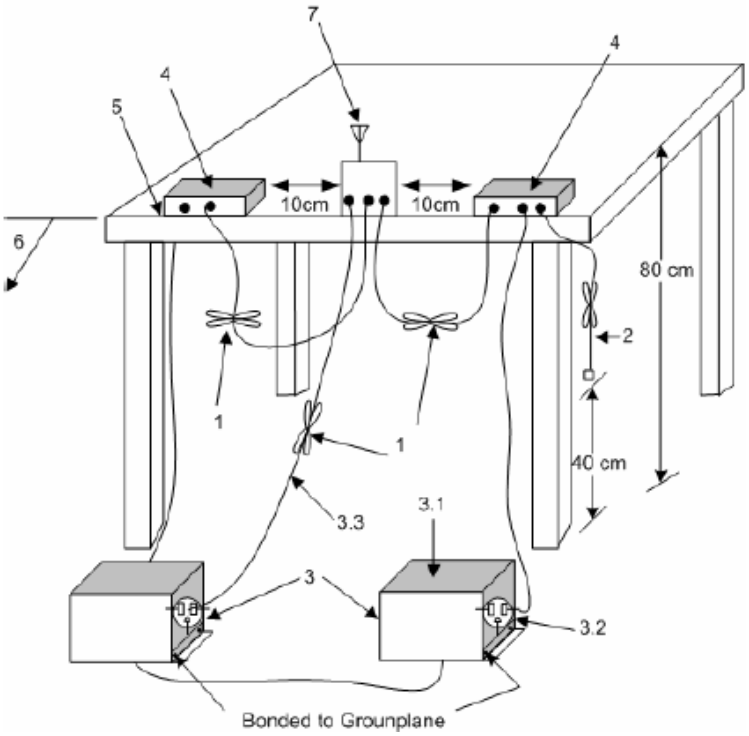
Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method
☒ Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup

AC Power-line Conducted Emissions



1—Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long.
2—The I/O cables that are not connected to an accessory shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
3—EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50 Ω loads. LISN may be placed on top of, or immediately beneath, reference ground plane.
3.1—All other equipment powered from additional LISN(s).
3.2—A multiple-outlet strip may be used for multiple power cords of non-EUT equipment.
3.3—LISN at least 80 cm from nearest part of EUT chassis.
4—Non-EUT components of EUT system being tested.
5—Rear of EUT, including peripherals, shall all be aligned and flush with edge of tabletop.
6—Edge of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the ground plane.
7—Antenna can be integral or detachable. If detachable, then the antenna shall be attached for this test.

3.1.5 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 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 ≥ 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 ≥ 500kHz.

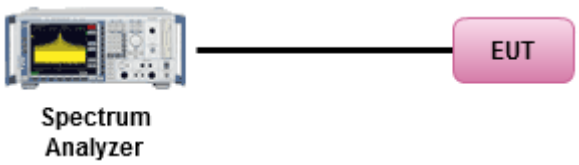
3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

Emission Bandwidth


3.2.5 Test Result of Emission Bandwidth

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

RF Output Power (Power Meter)


3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Peak Power Spectral Density

3.4.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☒	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the peak power spectral density (PPSD) ≤ 4 dBm/MHz and 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 and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 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° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

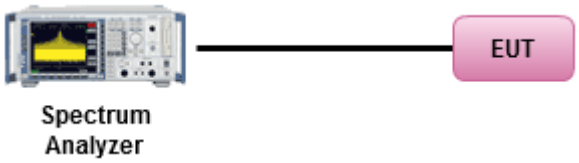
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

3.4.4 Test Setup

Power Spectral Density


3.4.5 Test Result of Peak Power Spectral Density

Refer as Appendix D

3.5 Unwanted Emissions

3.5.1 Transmitter Radiated Unwanted Emissions Limit

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

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).
Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.
Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

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

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

3.5.2 Measuring Instruments

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

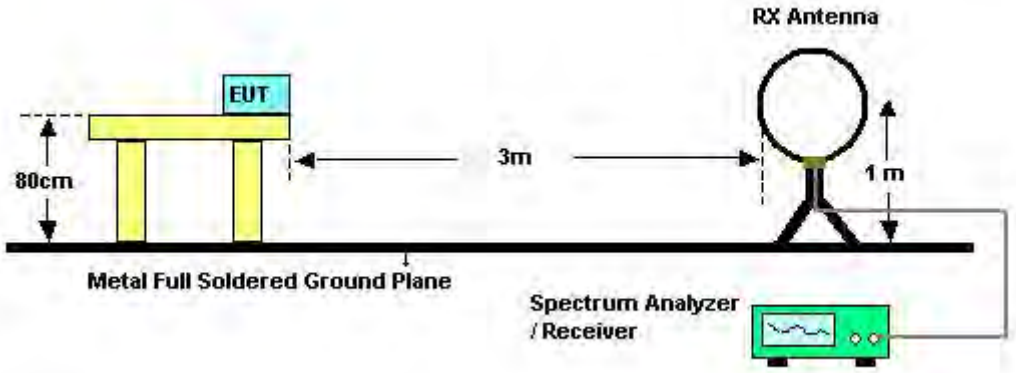
3.5.3 Test Procedures

Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).		
▪ The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].		
▪ For the transmitter unwanted emissions shall be measured using following options below:		
	▪ Refer as FCC KDB 789033, clause H)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.2 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.		

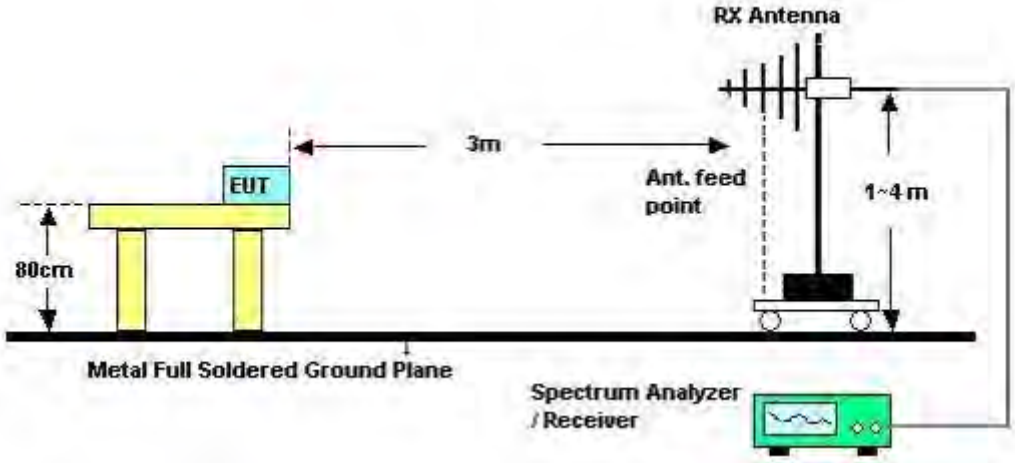
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

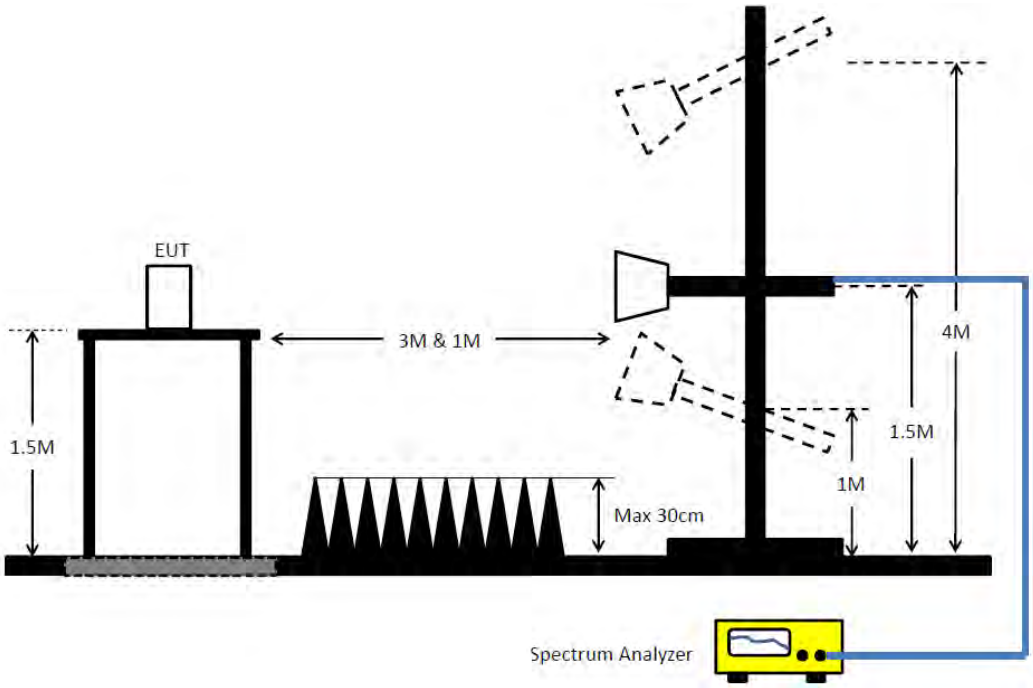
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Transmitter Unwanted Emissions (Below 30MHz)

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.

3.5.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

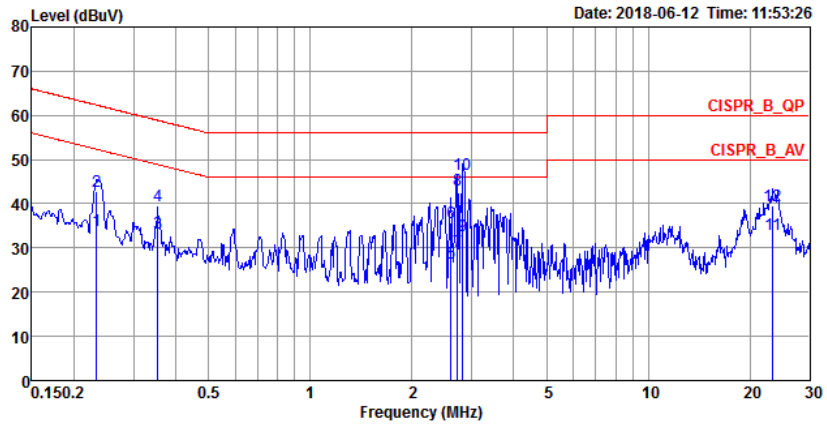
4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
LISN	Schwarzbeck	NSLK 8127	8127650	9kHz ~ 30MHz	Nov. 24, 2017	Nov. 23, 2018	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 13, 2017	Nov. 12, 2018	Conduction (CO02-CB)
EMI Receiver	Agilent	N9038A	MY52260140	9kHz ~ 8.4GHz	Jan. 17, 2018	Jan. 16, 2019	Conduction (CO02-CB)
COND Cable	Woken	Cable	2	0.15MHz ~ 30MHz	Nov. 10, 2017	Nov. 09, 2018	Conduction (CO02-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO02-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2017	Aug. 29, 2018	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2018	May 01, 2019	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 09, 2018	Jan. 08, 2019	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100354	9kHz ~ 2.75GHz	Dec. 08, 2017	Dec. 07, 2018	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2018	Mar. 15, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 21, 2017	Dec. 20, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 20, 2017	Nov. 19, 2018	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
"*" Calibration Interval of instruments listed above is two years.
NCR means Non-Calibration required.

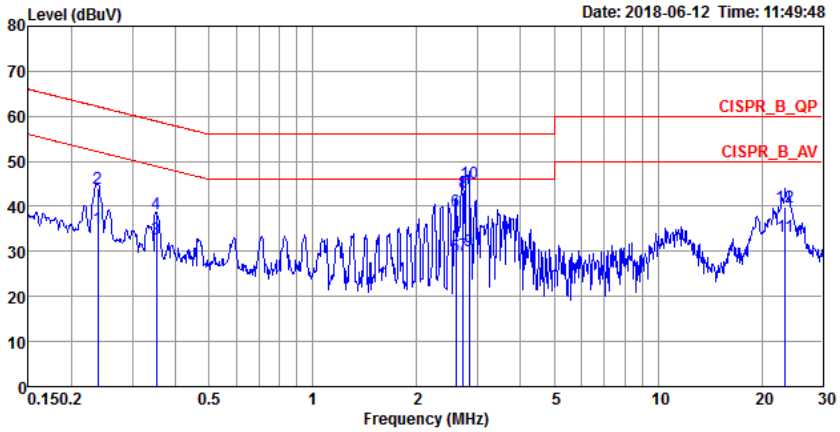
AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Neutral
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2329	33.88	-18.47	52.35	23.82	9.92	0.14	Average	NEUTRAL
2	0.2329	42.89	-19.46	62.35	32.83	9.92	0.14	QP	NEUTRAL
3	0.3539	33.32	-15.55	48.87	23.28	9.92	0.12	Average	NEUTRAL
4	0.3539	39.48	-19.39	58.87	29.44	9.92	0.12	QP	NEUTRAL
5	2.6082	26.44	-19.56	46.00	16.28	9.97	0.19	Average	NEUTRAL
6	2.6082	35.63	-20.37	56.00	25.47	9.97	0.19	QP	NEUTRAL
7	2.7212	29.25	-16.75	46.00	19.09	9.97	0.19	Average	NEUTRAL
8	2.7212	43.20	-12.80	56.00	33.04	9.97	0.19	QP	NEUTRAL
9	2.8240	32.68	-13.32	46.00	22.53	9.97	0.18	Average	NEUTRAL
10	2.8240	46.59	-9.41	56.00	36.44	9.97	0.18	QP	NEUTRAL
11	23.3869	32.93	-17.07	50.00	22.36	10.32	0.25	Average	NEUTRAL
12	23.3869	39.54	-20.46	60.00	28.97	10.32	0.25	QP	NEUTRAL

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.)

AC Power-line Conducted Emissions Result			
Operating Mode	1	**Power Phase**	Line
Operating Function	Normal Link		



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.2378	35.10	-17.07	52.17	25.06	9.91	0.13	Average	LINE
2	0.2378	43.99	-18.18	62.17	33.95	9.91	0.13	QP	LINE
3	0.3520	32.85	-16.06	48.91	22.82	9.91	0.12	Average	LINE
4	0.3520	38.38	-20.53	58.91	28.35	9.91	0.12	QP	LINE
5	2.5945	28.91	-17.09	46.00	18.75	9.97	0.19	Average	LINE
6	2.5945	39.08	-16.92	56.00	28.92	9.97	0.19	QP	LINE
7	2.7212	29.21	-16.79	46.00	19.05	9.97	0.19	Average	LINE
8	2.7212	42.96	-13.04	56.00	32.80	9.97	0.19	QP	LINE
9	2.8390	30.04	-15.96	46.00	19.89	9.97	0.18	Average	LINE
10	2.8390	45.24	-10.76	56.00	35.09	9.97	0.18	QP	LINE
11	23.3869	33.23	-16.77	50.00	22.50	10.48	0.25	Average	LINE
12	23.3869	39.93	-20.07	60.00	29.20	10.48	0.25	QP	LINE

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.)

For Indoor/outdoor use:
Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.55M	16.442M	16M4D1D	19.15M	16.367M
802.11ac VHT20_Nss1,(MCS0)_2TX	21.075M	17.641M	17M6D1D	20.3M	17.591M
802.11ac VHT40_Nss1,(MCS0)_2TX	40M	35.982M	36M0D1D	39.65M	35.932M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.2M	75.862M	75M9D1D	83.2M	75.662M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.925M	17.641M	17M6D1D	20.45M	17.616M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	39.55M	36.132M	36M1D1D	39M	35.832M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.2M	75.662M	75M7D1D	82.1M	75.562M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.575M	16.417M	16M4D1D	19.2M	16.392M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.975M	17.616M	17M6D1D	20.525M	17.591M
802.11ac VHT40_Nss1,(MCS0)_2TX	39.9M	35.982M	36M0D1D	39.6M	35.882M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.8M	17.691M	17M7D1D	19.775M	17.541M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	39.7M	36.132M	36M1D1D	39.05M	35.782M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.3M	16.442M	16M4D1D	16.275M	16.367M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.55M	17.666M	17M7D1D	16.875M	17.591M
802.11ac VHT40_Nss1,(MCS0)_2TX	35M	35.932M	35M9D1D	29.75M	35.882M
802.11ac VHT80_Nss1,(MCS0)_2TX	74.5M	75.862M	75M9D1D	69.9M	75.662M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.525M	17.691M	17M7D1D	16.4M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	35.45M	35.982M	36M0D1D	33.75M	35.882M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	72.4M	75.862M	75M9D1D	69.4M	75.762M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	19.55M	16.392M	19.45M	16.442M
5200MHz	Pass	Inf	19.325M	16.392M	19.425M	16.417M
5240MHz	Pass	Inf	19.15M	16.392M	19.45M	16.367M
5260MHz	Pass	Inf	19.3M	16.417M	19.45M	16.392M
5300MHz	Pass	Inf	19.2M	16.417M	19.45M	16.417M
5320MHz	Pass	Inf	19.575M	16.417M	19.375M	16.417M
5745MHz	Pass	500k	16.275M	16.392M	16.275M	16.392M
5785MHz	Pass	500k	16.3M	16.417M	16.275M	16.417M
5825MHz	Pass	500k	16.3M	16.367M	16.275M	16.442M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	21.075M	17.616M	20.4M	17.591M
5200MHz	Pass	Inf	20.65M	17.641M	20.3M	17.641M
5240MHz	Pass	Inf	20.85M	17.616M	20.45M	17.616M
5260MHz	Pass	Inf	20.975M	17.591M	20.625M	17.616M
5300MHz	Pass	Inf	20.75M	17.591M	20.75M	17.616M
5320MHz	Pass	Inf	20.975M	17.591M	20.525M	17.616M
5745MHz	Pass	500k	17.55M	17.641M	17.55M	17.641M
5785MHz	Pass	500k	17.15M	17.641M	17.525M	17.641M
5825MHz	Pass	500k	16.875M	17.591M	17.55M	17.666M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.7M	35.982M	39.65M	35.982M
5230MHz	Pass	Inf	40M	35.932M	39.85M	35.932M
5270MHz	Pass	Inf	39.6M	35.932M	39.75M	35.932M
5310MHz	Pass	Inf	39.9M	35.982M	39.7M	35.882M
5755MHz	Pass	500k	33.8M	35.932M	33.2M	35.932M
5795MHz	Pass	500k	29.75M	35.932M	35M	35.882M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	83.2M	75.862M	83.2M	75.662M
5775MHz	Pass	500k	74.5M	75.862M	69.9M	75.662M
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.775M	17.616M	20.45M	17.616M
5200MHz	Pass	Inf	20.85M	17.641M	20.925M	17.616M
5240MHz	Pass	Inf	20.6M	17.616M	20.775M	17.616M
5260MHz	Pass	Inf	19.775M	17.566M	19.85M	17.591M
5300MHz	Pass	Inf	20.8M	17.691M	20.275M	17.541M
5320MHz	Pass	Inf	20.675M	17.616M	20.35M	17.616M
5745MHz	Pass	500k	17.525M	17.691M	17.375M	17.691M
5785MHz	Pass	500k	16.425M	17.616M	16.4M	17.591M
5825MHz	Pass	500k	16.65M	17.616M	17.225M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.3M	35.982M	39.55M	35.932M
5230MHz	Pass	Inf	39.05M	35.832M	39M	36.132M

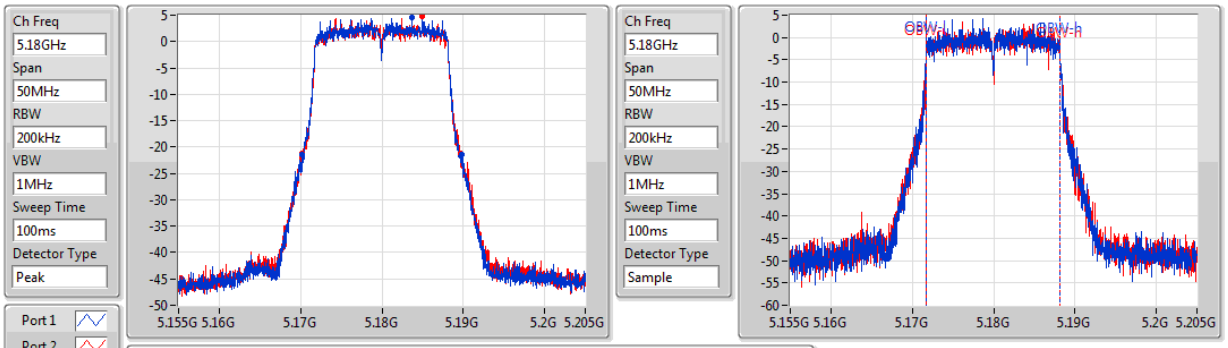
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
5270MHz	Pass	Inf	39.6M	36.132M	39.7M	35.782M
5310MHz	Pass	Inf	39.05M	35.982M	39.45M	35.932M
5755MHz	Pass	500k	34.05M	35.982M	33.8M	35.932M
5795MHz	Pass	500k	33.75M	35.932M	35.45M	35.882M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.2M	75.662M	82.1M	75.562M
5775MHz	Pass	500k	69.4M	75.862M	72.4M	75.762M

Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_2TX EBW

5180MHz

17/05/2018

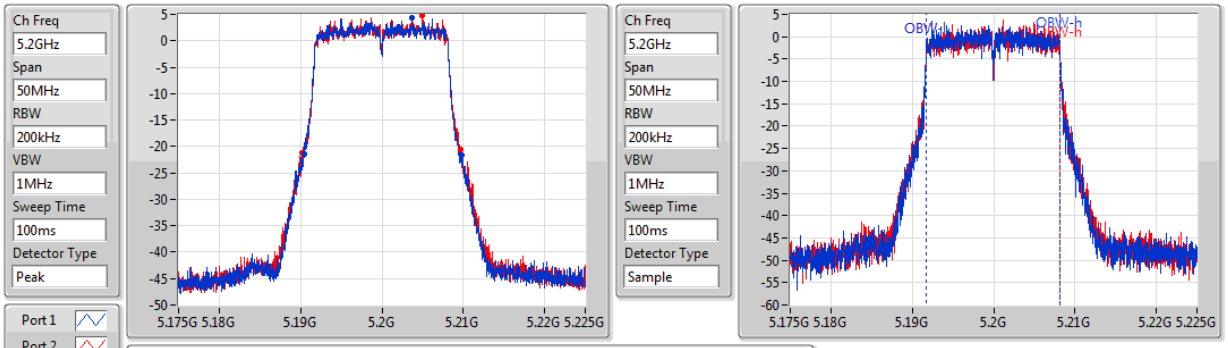


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.55M	5.17025G	5.1898G	16.392M	5.171754G	5.188146G	Inf	1
19.45M	5.170225G	5.189675G	16.442M	5.171729G	5.188171G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5200MHz

17/05/2018

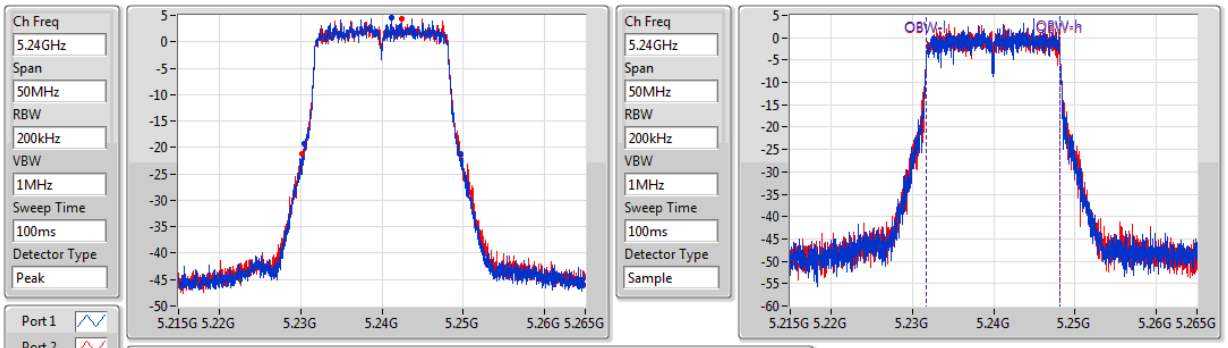


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.325M	5.190475G	5.2098G	16.392M	5.191754G	5.208146G	Inf	1
19.425M	5.190225G	5.20965G	16.417M	5.191754G	5.208171G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

5240MHz

17/05/2018

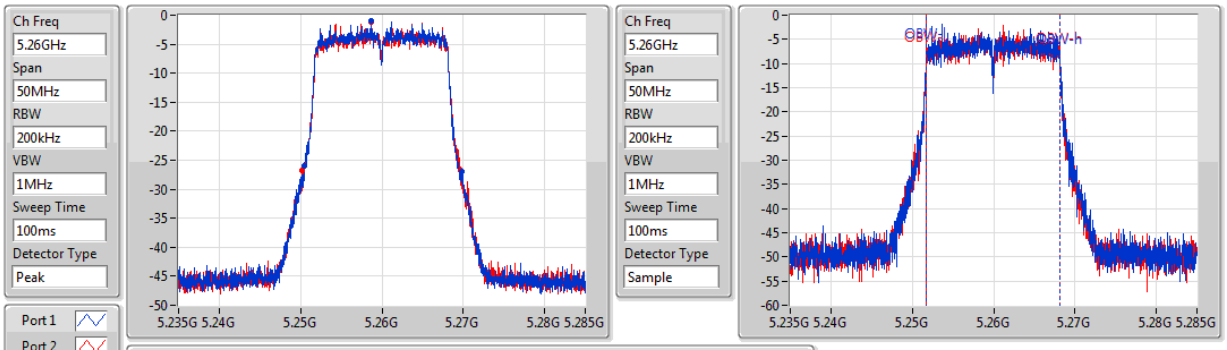


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.15M	5.230525G	5.249675G	16.392M	5.231754G	5.248146G	Inf	1
19.45M	5.23025G	5.2497G	16.367M	5.231779G	5.248146G	Inf	2

802.11a_Nss1,(6Mbps)_2TX — EBW

5260MHz

17/05/2018

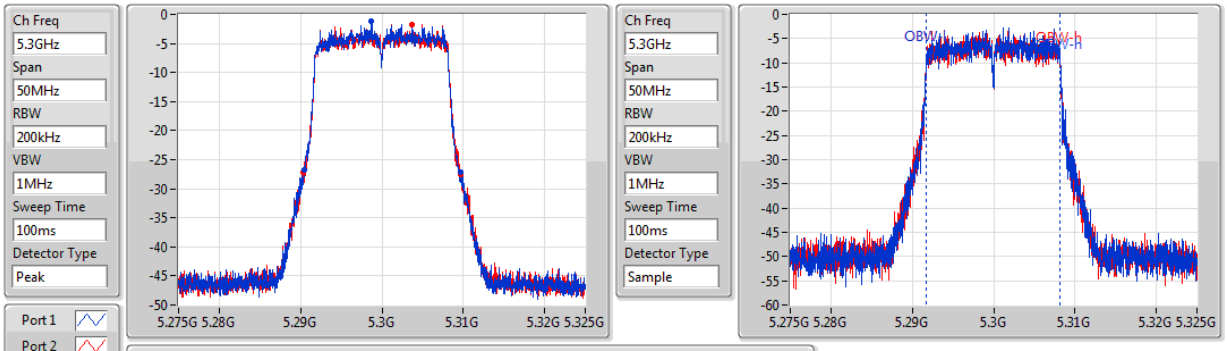


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.3M	5.250475G	5.269775G	16.417M	5.251754G	5.268171G	Inf	1
19.45M	5.250225G	5.269675G	16.392M	5.251754G	5.268146G	Inf	2

802.11a_Nss1,(6Mbps)_2TX — EBW

5300MHz

18/05/2018

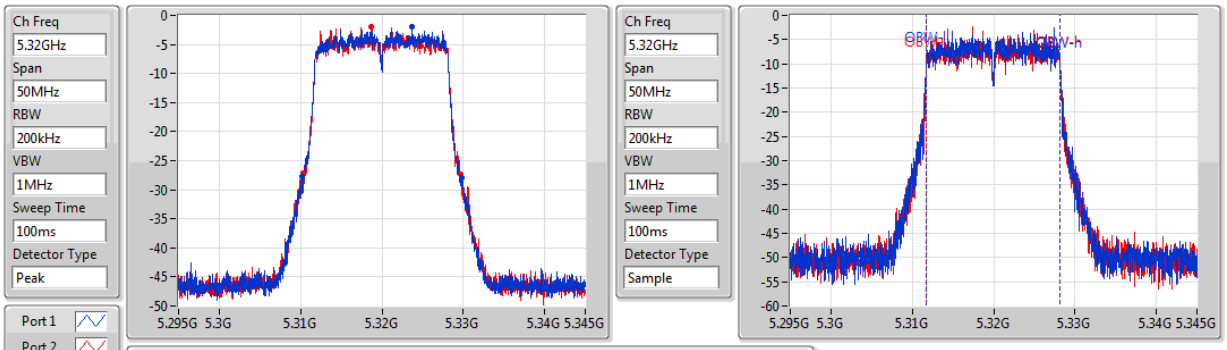


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.2M	5.290475G	5.309675G	16.417M	5.291754G	5.308171G	Inf	1
19.45M	5.290275G	5.309725G	16.417M	5.291754G	5.308171G	Inf	2

802.11a_Nss1,(6Mbps)_2TX — EBW

5320MHz

18/05/2018

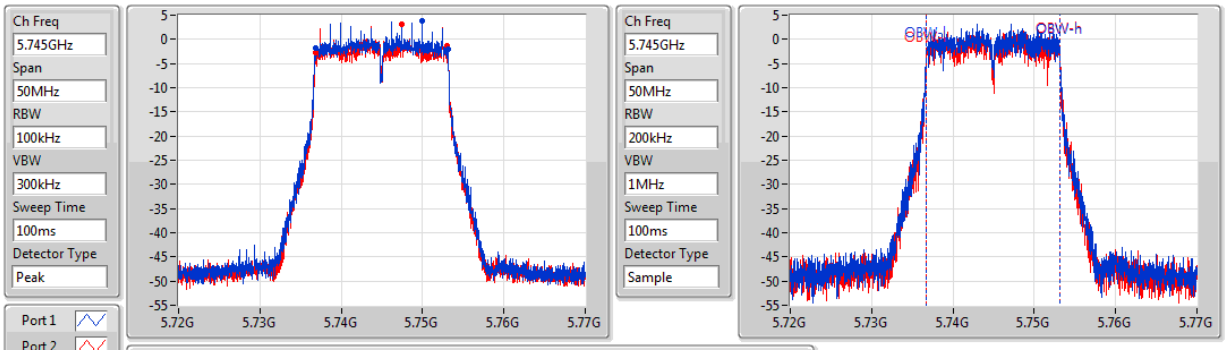


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.575M	5.31025G	5.329825G	16.417M	5.311754G	5.328171G	Inf	1
19.375M	5.310275G	5.32965G	16.417M	5.311754G	5.328171G	Inf	2

802.11a_Nss1,(6Mbps)_2TX — EBW

5745MHz

17/05/2018

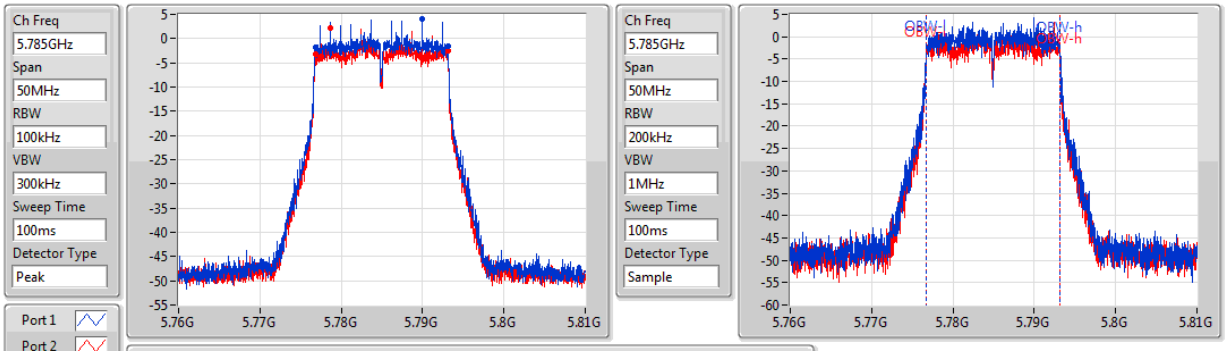


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.275M	5.736825G	5.7531G	16.392M	5.736729G	5.753121G	500k	1
16.275M	5.7368G	5.753075G	16.392M	5.736754G	5.753146G	500k	2

802.11a_Nss1,(6Mbps)_2TX — EBW

5785MHz

17/05/2018

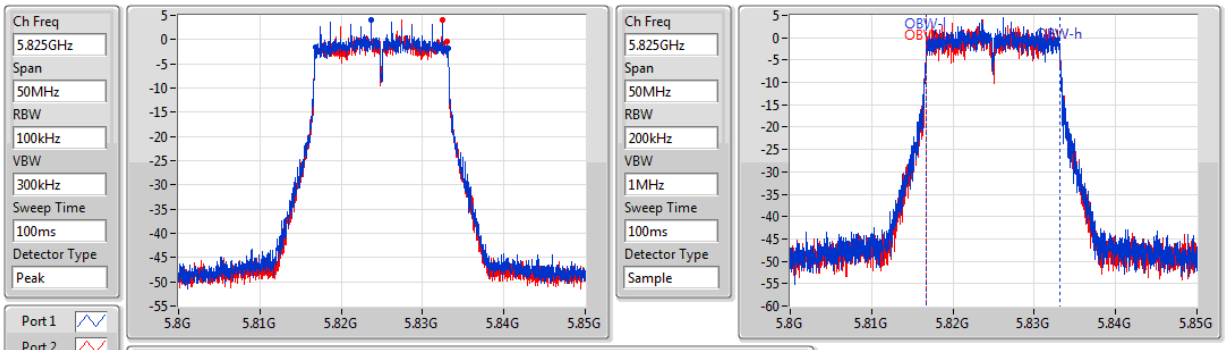


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.7768G	5.7931G	16.417M	5.776729G	5.793146G	500k	1
16.275M	5.776825G	5.7931G	16.417M	5.776729G	5.793146G	500k	2

802.11a_Nss1,(6Mbps)_2TX — EBW

5825MHz

17/05/2018

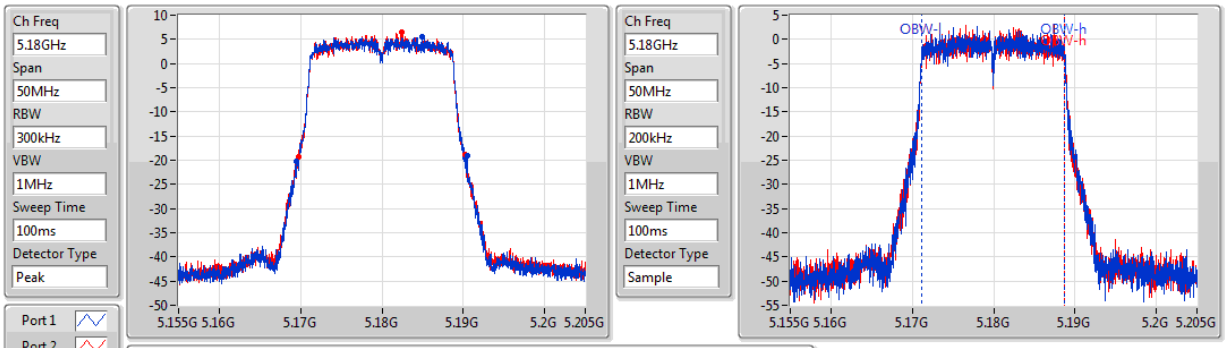


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.8168G	5.8331G	16.367M	5.816754G	5.833121G	500k	1
16.275M	5.8168G	5.833075G	16.442M	5.816704G	5.833146G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5180MHz

17/05/2018

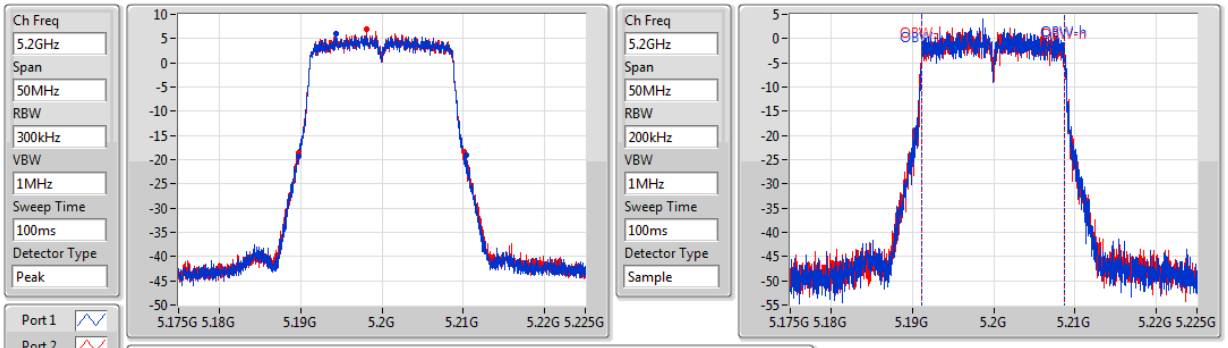


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21.075M	5.169425G	5.1905G	17.616M	5.171129G	5.188746G	Inf	1
20.4M	5.169775G	5.190175G	17.591M	5.171154G	5.188746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5200MHz

17/05/2018

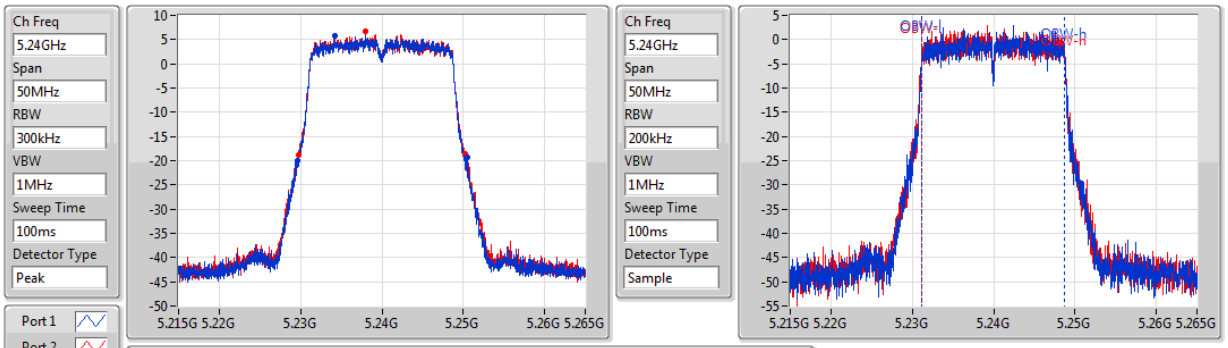


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.65M	5.18975G	5.2104G	17.641M	5.191129G	5.208771G	Inf	1
20.3M	5.189775G	5.210075G	17.641M	5.191129G	5.208771G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5240MHz

17/05/2018

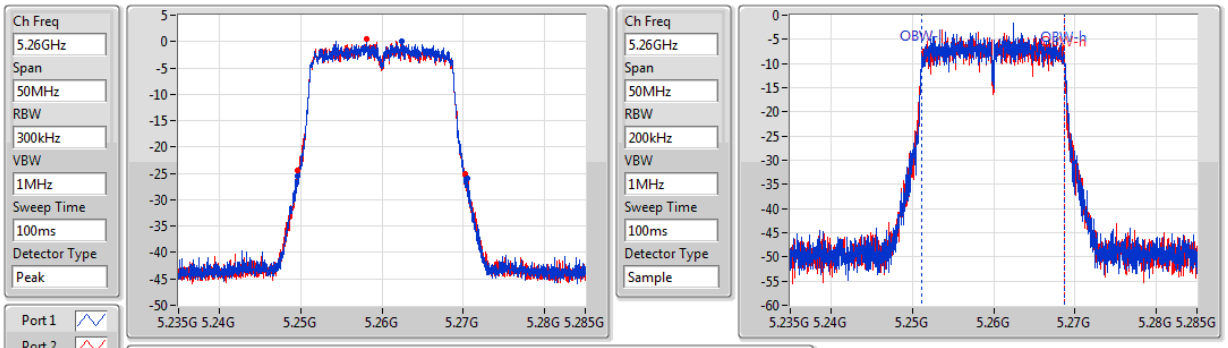


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.22965G	5.2505G	17.616M	5.231154G	5.248771G	Inf	1
20.45M	5.229725G	5.250175G	17.616M	5.231129G	5.248746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5260MHz

17/05/2018

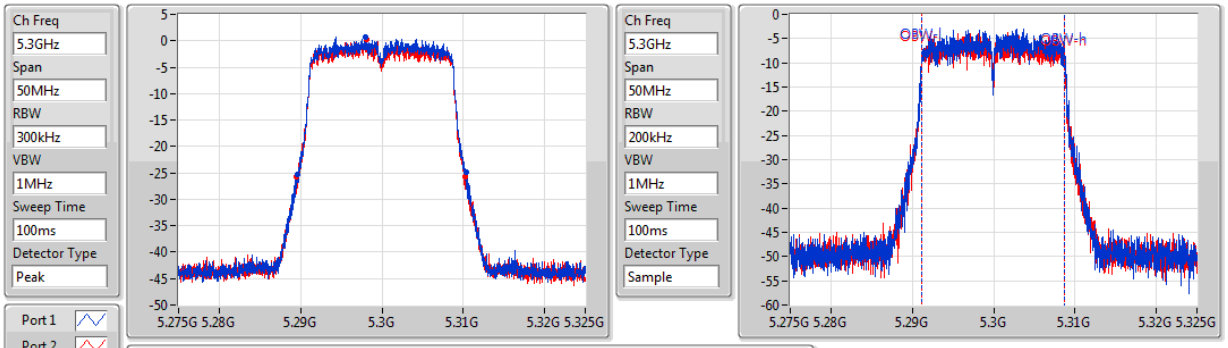


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.975M	5.249575G	5.27055G	17.591M	5.251154G	5.268746G	Inf	1
20.625M	5.249625G	5.27025G	17.616M	5.251129G	5.268746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5300MHz

17/05/2018

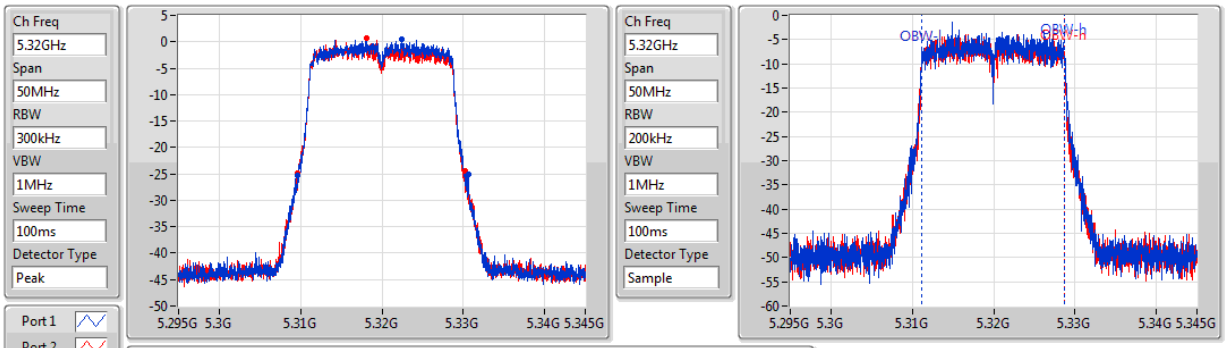


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.75M	5.289575G	5.310325G	17.591M	5.291154G	5.308746G	Inf	1
20.75M	5.2895G	5.31025G	17.616M	5.291129G	5.308746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5320MHz

17/05/2018

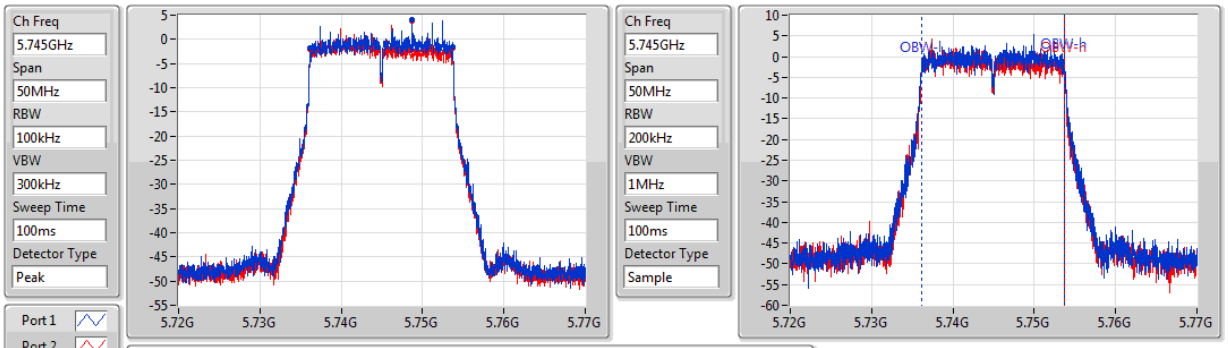


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.975M	5.309675G	5.33065G	17.591M	5.311154G	5.328746G	Inf	1
20.525M	5.30965G	5.330175G	17.616M	5.311129G	5.328746G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5745MHz

17/05/2018

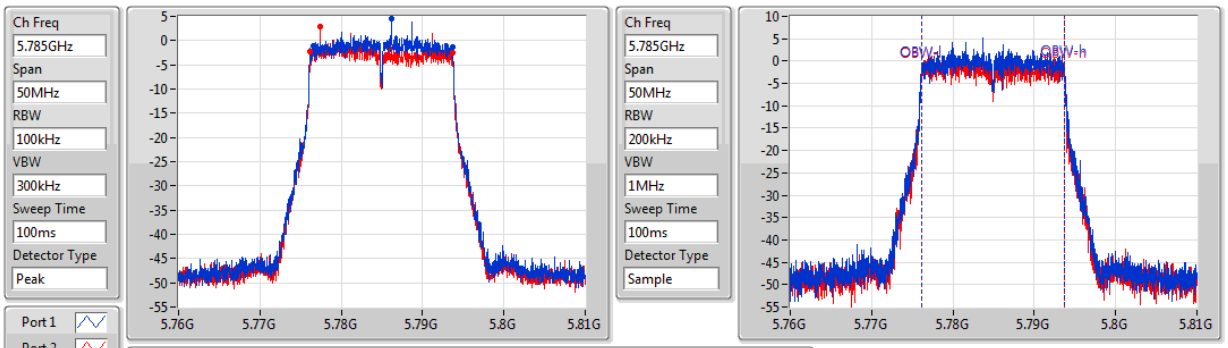


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.55M	5.736175G	5.753725G	17.641M	5.736104G	5.753746G	500k	1
17.55M	5.736175G	5.753725G	17.641M	5.736104G	5.753746G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5785MHz

17/05/2018

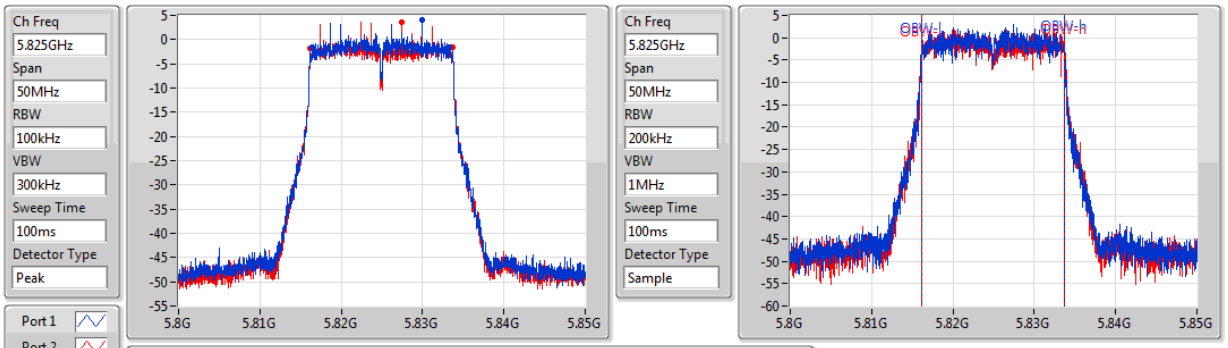


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.15M	5.776575G	5.793725G	17.641M	5.776104G	5.793746G	500k	1
17.525M	5.776175G	5.7937G	17.641M	5.776104G	5.793746G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5825MHz

17/05/2018

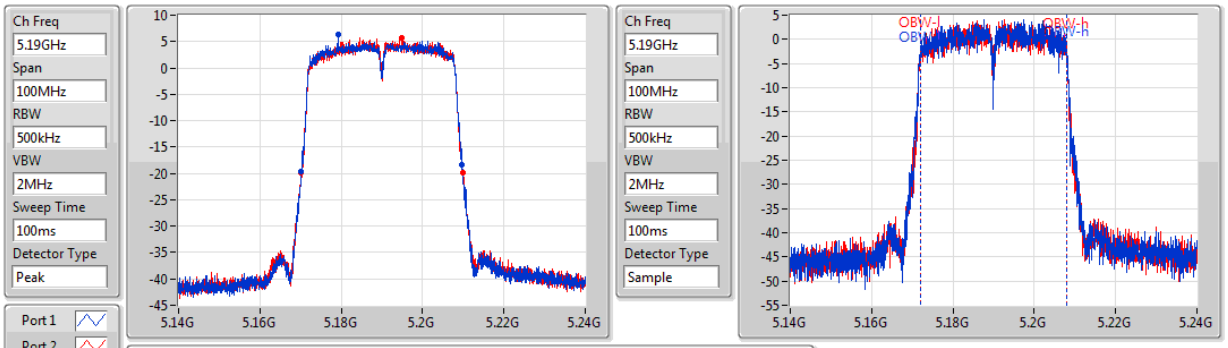


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.875M	5.816425G	5.8333G	17.591M	5.816129G	5.833721G	500k	1
17.55M	5.816175G	5.833725G	17.666M	5.816104G	5.833771G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5190MHz

17/05/2018

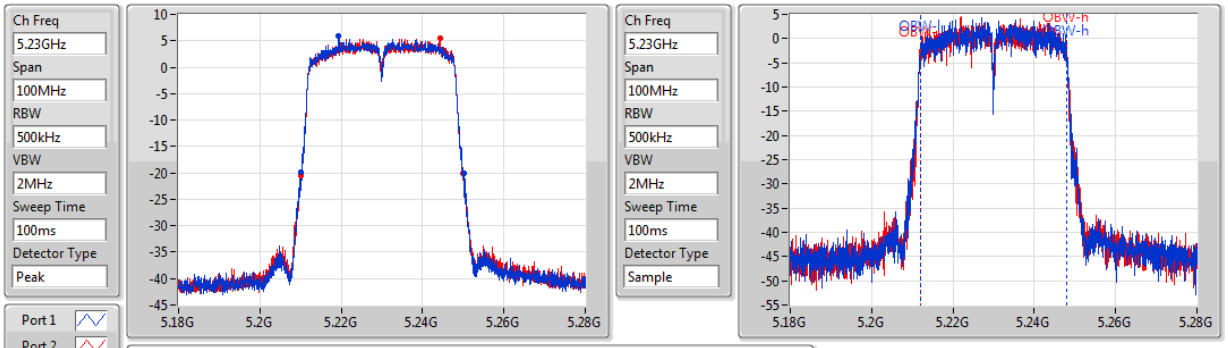


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.7M	5.17005G	5.20975G	35.982M	5.171959G	5.207941G	Inf	1
39.65M	5.17015G	5.2098G	35.982M	5.171959G	5.207941G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5230MHz

17/05/2018

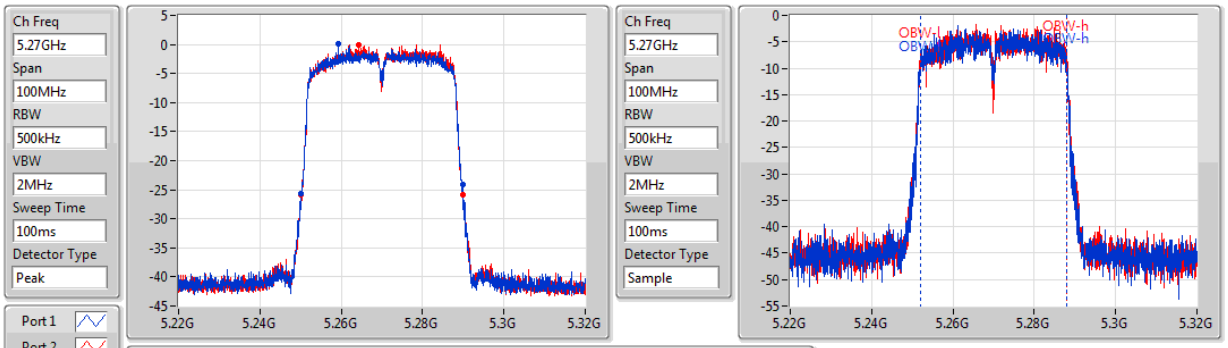


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.2102G	5.2502G	35.932M	5.212009G	5.247941G	Inf	1
39.85M	5.21015G	5.25G	35.932M	5.211959G	5.247891G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5270MHz

17/05/2018

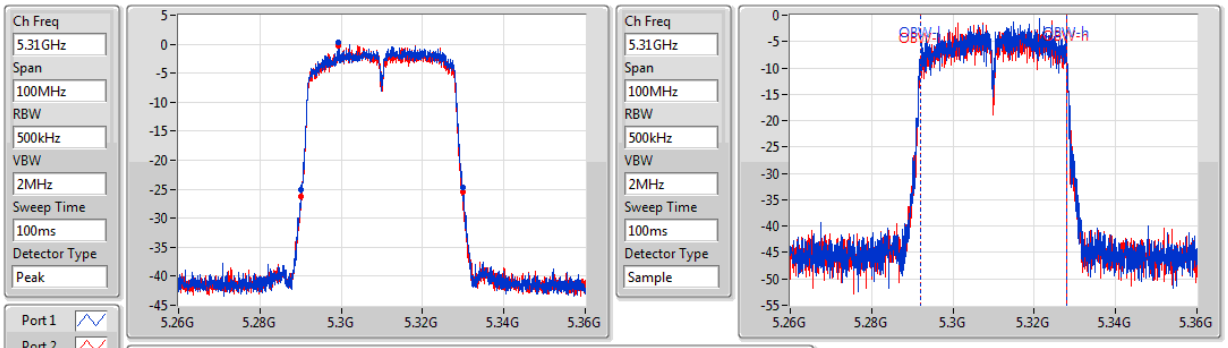


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.2502G	5.2898G	35.932M	5.252009G	5.287941G	Inf	1
39.75M	5.25015G	5.2899G	35.932M	5.252009G	5.287941G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5310MHz

17/05/2018

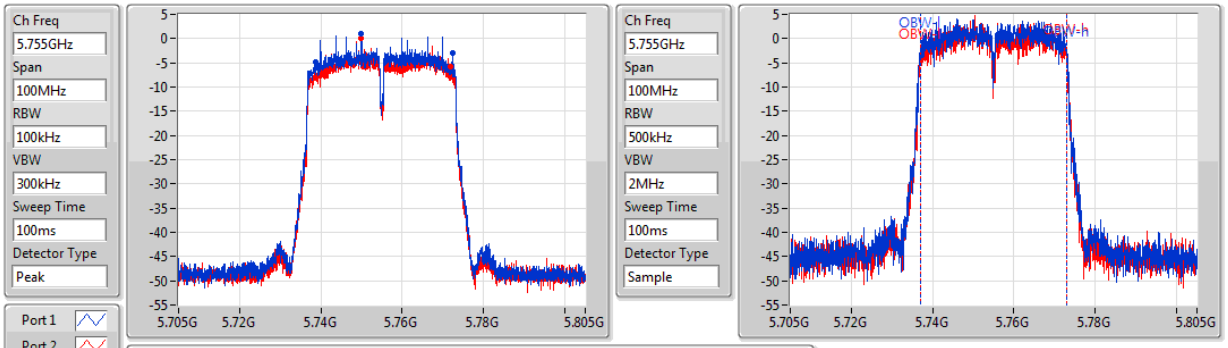


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.2901G	5.33G	35.982M	5.292009G	5.327991G	Inf	1
39.7M	5.2901G	5.3298G	35.882M	5.292009G	5.327891G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5755MHz

17/05/2018

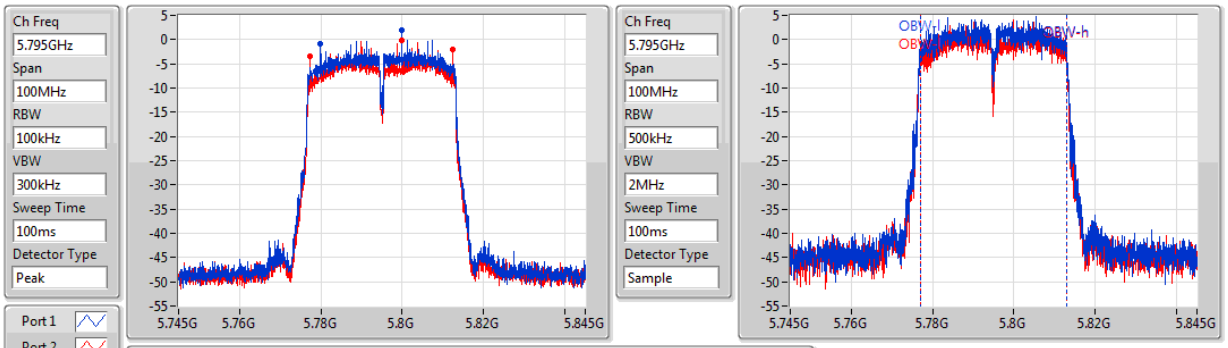


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	5.7387G	5.7725G	35.932M	5.737009G	5.772941G	500k	1
33.2M	5.7386G	5.7718G	35.932M	5.736959G	5.772891G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5795MHz

17/05/2018

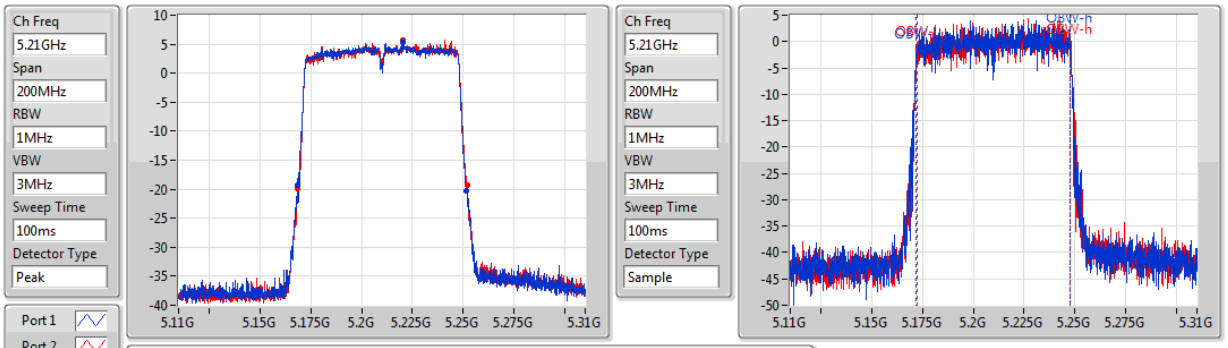


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
29.75M	5.77995G	5.8097G	35.932M	5.776959G	5.812891G	500k	1
35M	5.77745G	5.81245G	35.882M	5.777009G	5.812891G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5210MHz

17/05/2018

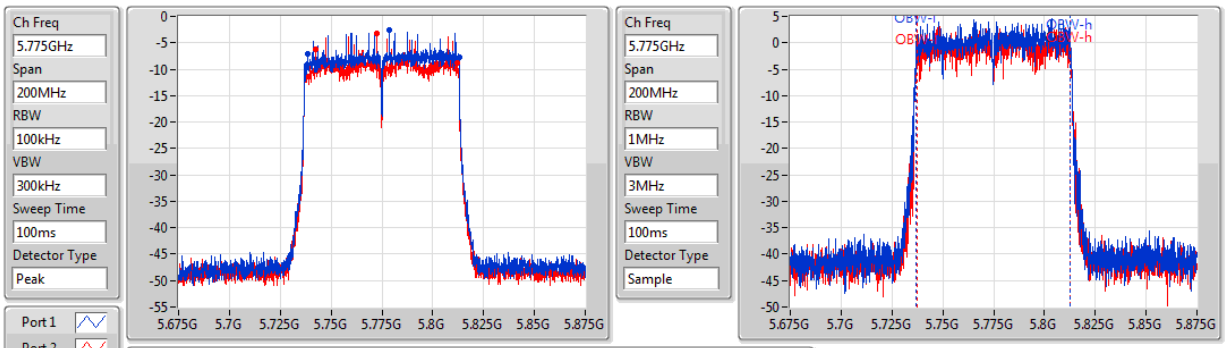


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.2M	5.1685G	5.2517G	75.862M	5.172019G	5.247881G	Inf	1
83.2M	5.1686G	5.2518G	75.662M	5.172219G	5.247881G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5775MHz

17/05/2018

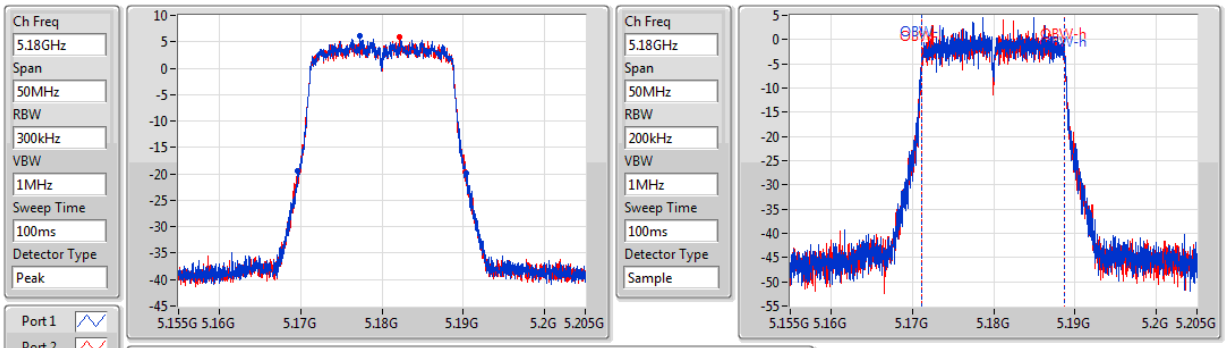


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
74.5M	5.7386G	5.8131G	75.862M	5.737019G	5.812881G	500k	1
69.9M	5.7424G	5.8123G	75.662M	5.737119G	5.812781G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5180MHz

06/06/2018

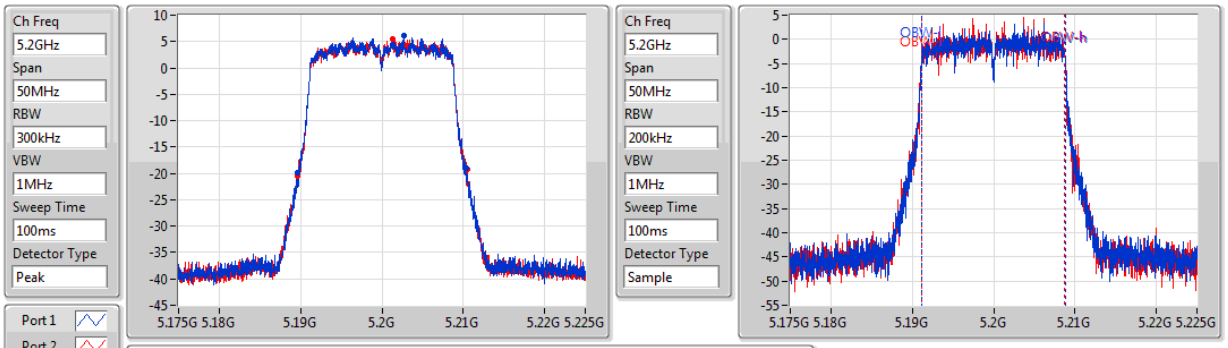


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.775M	5.16965G	5.190425G	17.616M	5.171154G	5.188771G	Inf	1
20.45M	5.1698G	5.19025G	17.616M	5.171154G	5.188771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5200MHz

06/06/2018

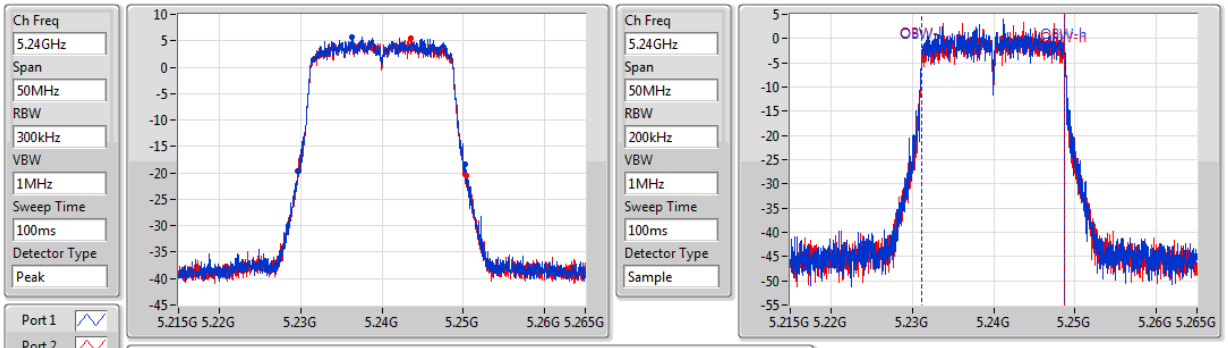


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.85M	5.189575G	5.210425G	17.641M	5.191154G	5.208796G	Inf	1
20.925M	5.1896G	5.210525G	17.616M	5.191154G	5.208771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5240MHz

06/06/2018

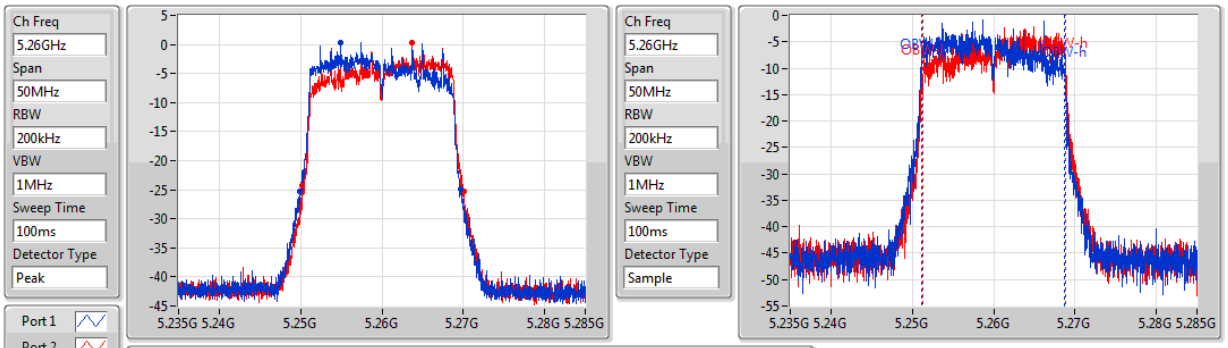


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.6M	5.2297G	5.2503G	17.616M	5.231154G	5.248771G	Inf	1
20.775M	5.2296G	5.250375G	17.616M	5.231154G	5.248771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5260MHz

06/06/2018

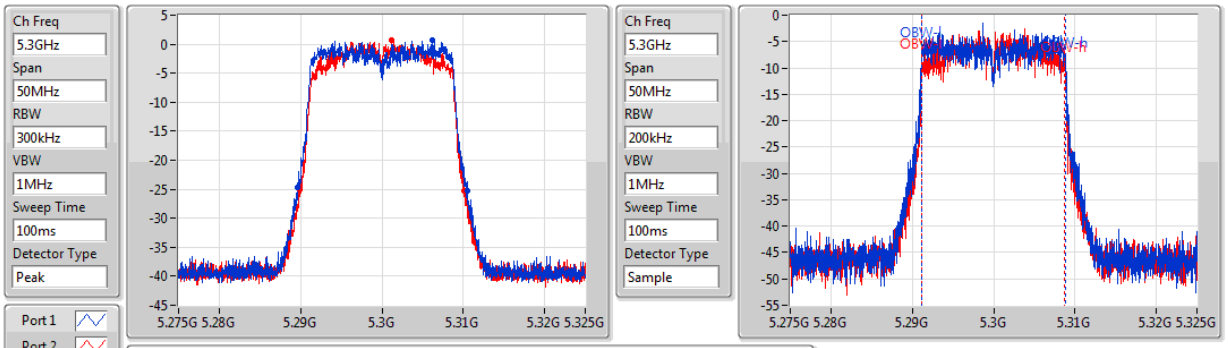


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.775M	5.24995G	5.269725G	17.566M	5.251104G	5.268671G	Inf	1
19.85M	5.25025G	5.2701G	17.591M	5.251229G	5.268821G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5300MHz

06/06/2018

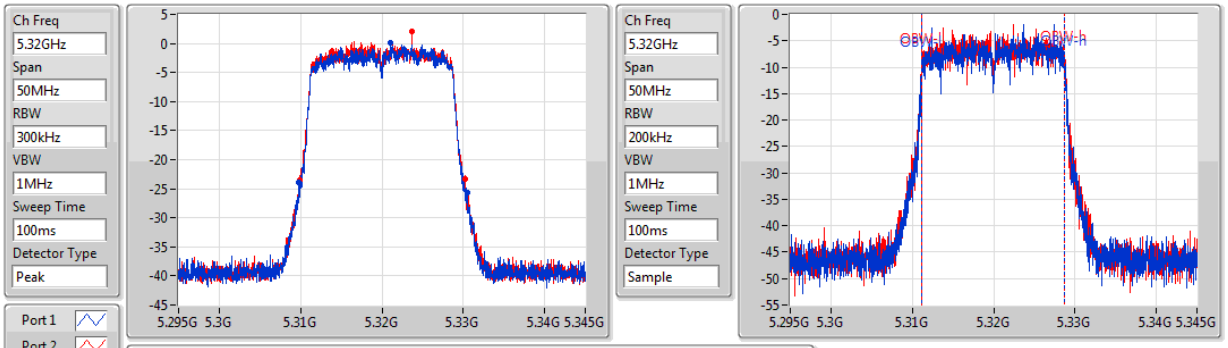


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.8M	5.289675G	5.310475G	17.691M	5.291129G	5.308821G	Inf	1
20.275M	5.289875G	5.31015G	17.541M	5.291204G	5.308746G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5320MHz

06/06/2018

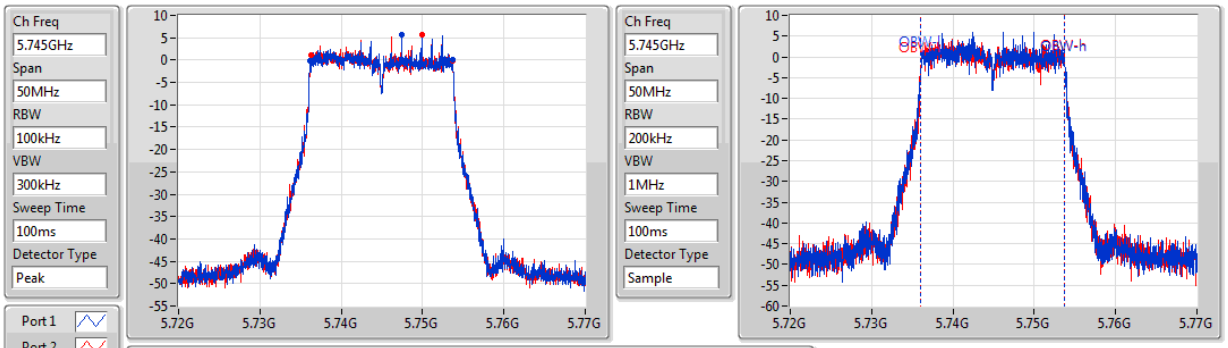


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.675M	5.309825G	5.3305G	17.616M	5.311154G	5.328771G	Inf	1
20.35M	5.309925G	5.330275G	17.616M	5.311154G	5.328771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5745MHz

06/06/2018

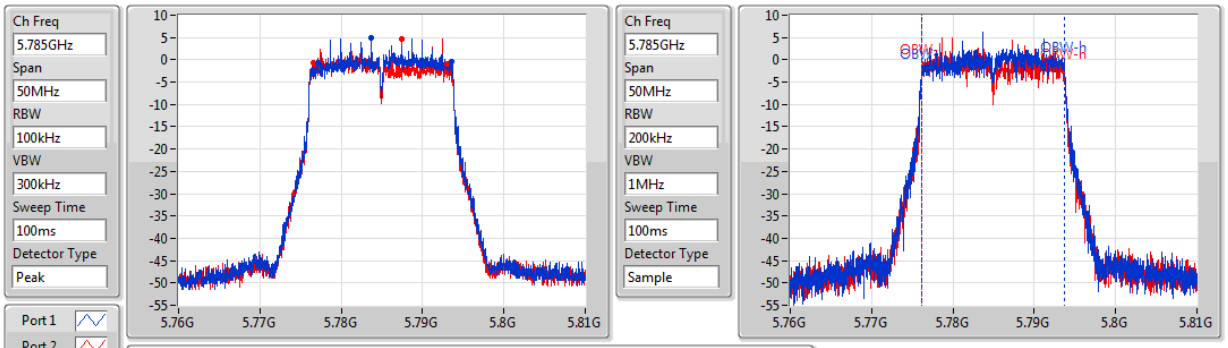


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.525M	5.736175G	5.7537G	17.691M	5.736079G	5.753771G	500k	1
17.375M	5.736325G	5.7537G	17.691M	5.736079G	5.753771G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5785MHz

06/06/2018

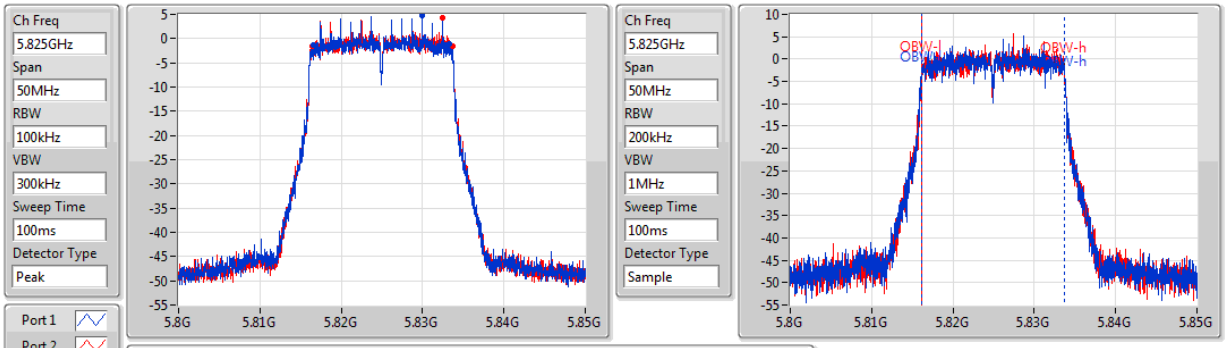


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.425M	5.777125G	5.79355G	17.616M	5.776129G	5.793746G	500k	1
16.4M	5.7766G	5.793G	17.591M	5.776129G	5.793721G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5825MHz

06/06/2018

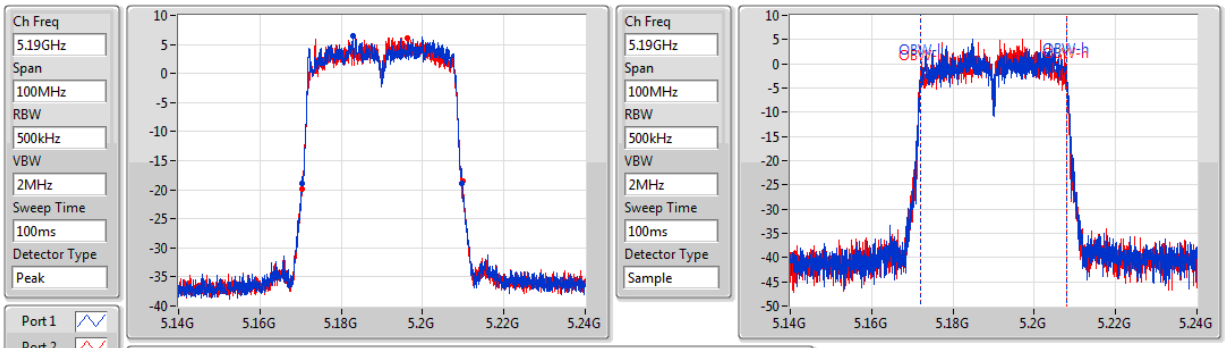


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.65M	5.816625G	5.833275G	17.616M	5.816104G	5.833721G	500k	1
17.225M	5.81645G	5.833675G	17.566M	5.816154G	5.833721G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5190MHz

06/06/2018

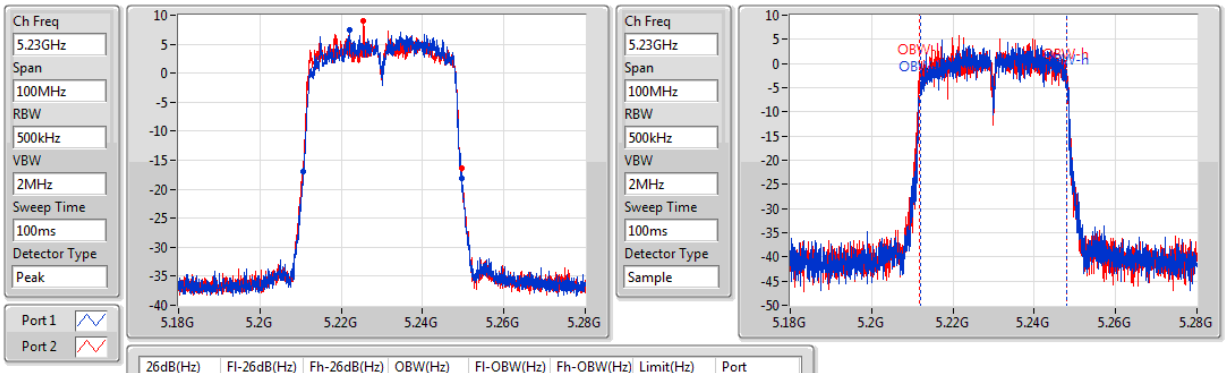


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.3M	5.17035G	5.20965G	35.982M	5.172009G	5.207991G	Inf	1
39.55M	5.17025G	5.2098G	35.932M	5.172009G	5.207941G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5230MHz

06/06/2018

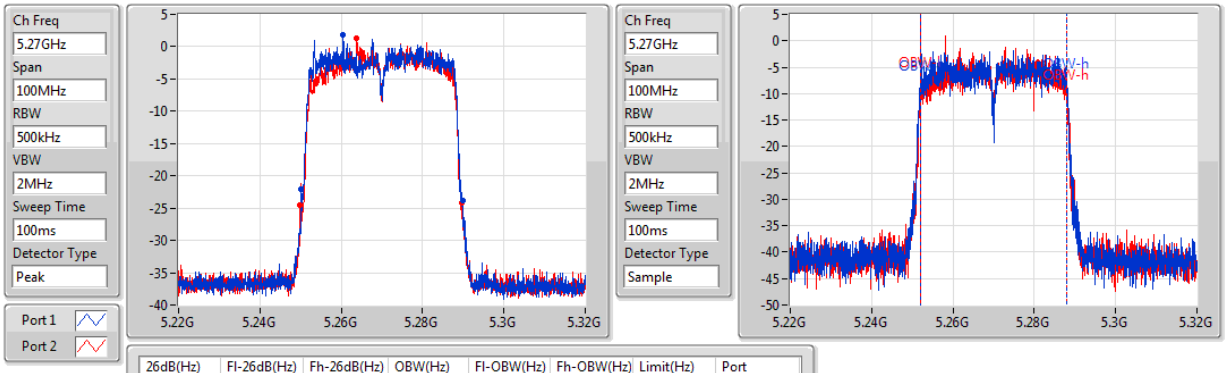


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.21065G	5.2497G	35.832M	5.212159G	5.247991G	Inf	1
39M	5.2106G	5.2496G	36.132M	5.211859G	5.247991G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5270MHz

06/06/2018

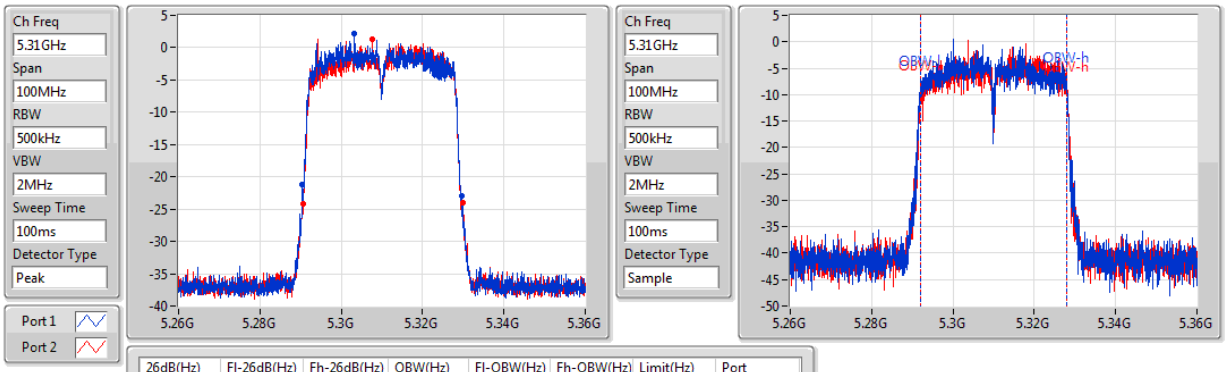


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.2502G	5.2898G	36.132M	5.251909G	5.288041G	Inf	1
39.7M	5.2499G	5.2896G	35.782M	5.252109G	5.287891G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5310MHz

06/06/2018

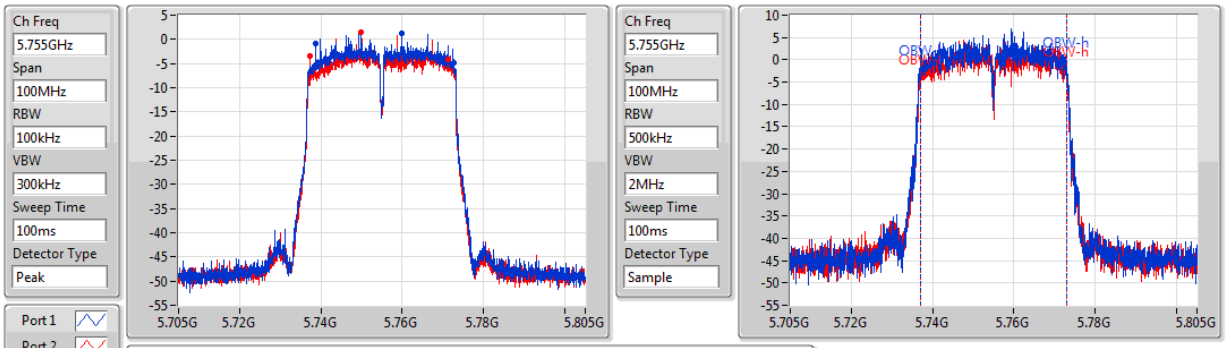


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.05M	5.2905G	5.32955G	35.982M	5.291959G	5.327941G	Inf	1
39.45M	5.2906G	5.33005G	35.932M	5.292109G	5.328041G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5755MHz

06/06/2018

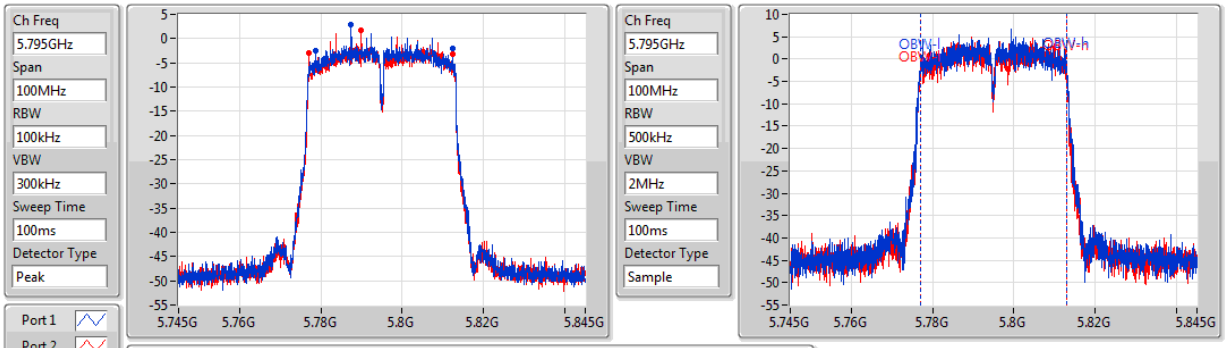


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.05M	5.73865G	5.7727G	35.982M	5.736959G	5.772941G	500k	1
33.8M	5.7374G	5.7712G	35.932M	5.736959G	5.772891G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX EBW

5795MHz

06/06/2018

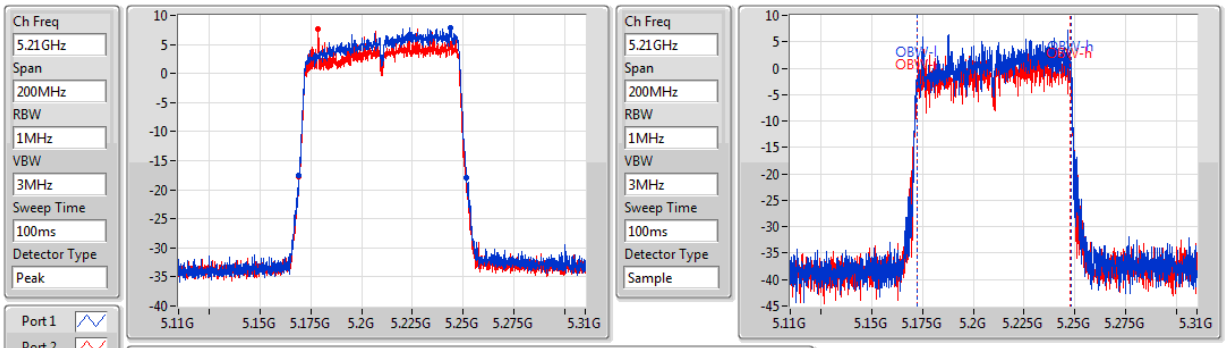


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.75M	5.77865G	5.8124G	35.932M	5.776959G	5.812891G	500k	1
35.45M	5.77695G	5.8124G	35.882M	5.777009G	5.812891G	500k	2

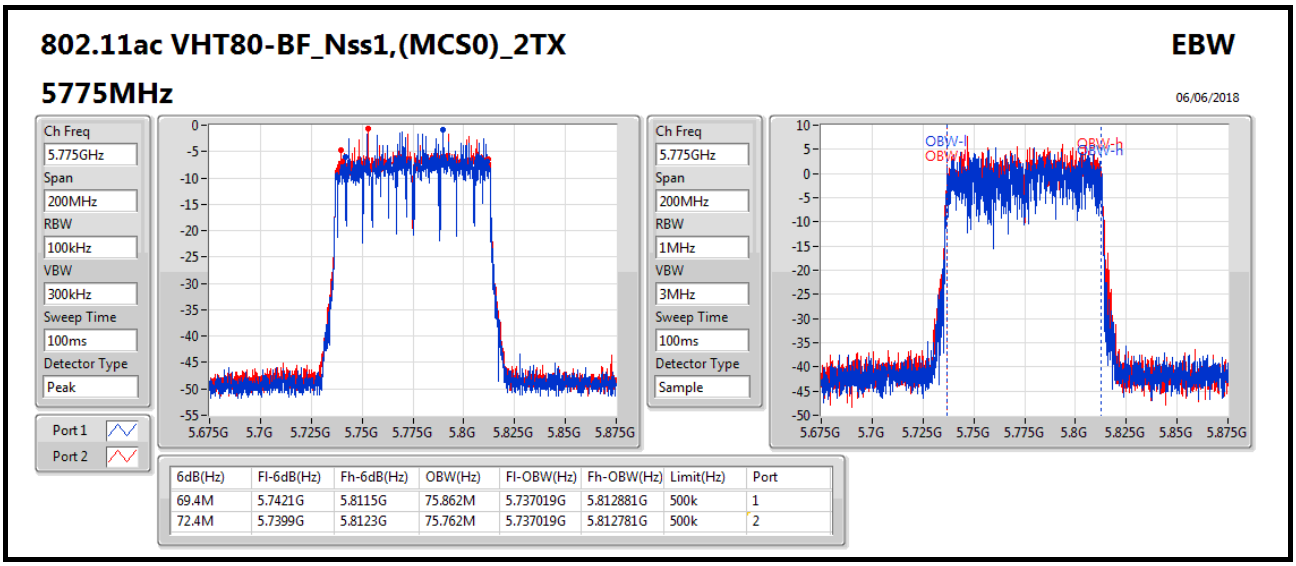
802.11ac VHT80-BF_Nss1,(MCS0)_2TX EBW

5210MHz

06/06/2018



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.1693G	5.2515G	75.662M	5.172419G	5.248081G	Inf	1
82.1M	5.1693G	5.2514G	75.562M	5.172319G	5.247881G	Inf	2


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
EBW
5775MHz
06/06/2018
Ch Freq
5.775GHz
Span
200MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak
Port 1
Port 2
Ch Freq
5.775GHz
Span
200MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Sample
OBW-l
OBW-h
6dB(Hz) Fl-6dB(Hz) Fh-6dB(Hz) OBW(Hz) Fl-OBW(Hz) Fh-OBW(Hz) Limit(Hz) Port
69.4M 5.7421G 5.8115G 75.862M 5.737019G 5.812881G 500k 1
72.4M 5.7399G 5.8123G 75.762M 5.737019G 5.812781G 500k 2

For Indoor use:
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	17.99	0.06295
802.11ac VHT20_Nss1,(MCS0)_2TX	17.61	0.05768
802.11ac VHT40_Nss1,(MCS0)_2TX	17.62	0.05781
802.11ac VHT80_Nss1,(MCS0)_2TX	17.63	0.05794
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.61	0.05768
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	17.66	0.05834
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.85	0.06095
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.66	0.01466
802.11ac VHT20_Nss1,(MCS0)_2TX	11.75	0.01496
802.11ac VHT40_Nss1,(MCS0)_2TX	11.92	0.01556
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	11.87	0.01538
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	11.86	0.01535
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	17.85	0.06095
802.11ac VHT20_Nss1,(MCS0)_2TX	17.90	0.06166
802.11ac VHT40_Nss1,(MCS0)_2TX	17.53	0.05662
802.11ac VHT80_Nss1,(MCS0)_2TX	17.54	0.05675
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.89	0.06152
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	17.74	0.05943
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.30	0.05370

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	18.00	14.61	14.73	17.68	18.00
5200MHz	Pass	18.00	14.68	14.73	17.72	18.00
5240MHz	Pass	18.00	15.04	14.91	17.99	18.00
5260MHz	Pass	18.00	8.69	8.60	11.66	11.86
5300MHz	Pass	18.00	8.67	8.46	11.58	11.83
5320MHz	Pass	18.00	8.51	8.26	11.40	11.87
5745MHz	Pass	18.00	14.93	14.12	17.55	18.00
5785MHz	Pass	18.00	14.99	14.21	17.63	18.00
5825MHz	Pass	18.00	15.07	14.60	17.85	18.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	18.00	14.58	14.61	17.61	18.00
5200MHz	Pass	18.00	14.46	14.56	17.52	18.00
5240MHz	Pass	18.00	14.51	14.67	17.60	18.00
5260MHz	Pass	18.00	8.61	8.48	11.56	11.98
5300MHz	Pass	18.00	9.02	8.18	11.63	11.98
5320MHz	Pass	18.00	8.94	8.53	11.75	11.98
5745MHz	Pass	18.00	15.21	14.45	17.86	18.00
5785MHz	Pass	18.00	15.32	14.41	17.90	18.00
5825MHz	Pass	18.00	14.83	14.22	17.55	18.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	18.00	14.74	14.47	17.62	18.00
5230MHz	Pass	18.00	14.64	14.51	17.59	18.00
5270MHz	Pass	18.00	8.69	8.91	11.81	11.98
5310MHz	Pass	18.00	9.05	8.76	11.92	11.98
5755MHz	Pass	18.00	15.00	13.97	17.53	18.00
5795MHz	Pass	18.00	15.06	13.91	17.53	18.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	18.00	14.68	14.56	17.63	18.00
5775MHz	Pass	18.00	14.93	14.08	17.54	18.00
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	18.00	14.70	14.48	17.60	18.00
5200MHz	Pass	18.00	14.72	14.48	17.61	18.00
5240MHz	Pass	18.00	14.56	14.48	17.53	18.00
5260MHz	Pass	18.00	8.89	8.83	11.87	11.96
5300MHz	Pass	18.00	8.51	8.65	11.59	11.98
5320MHz	Pass	18.00	8.66	8.83	11.76	11.98
5745MHz	Pass	18.00	15.08	14.68	17.89	18.00
5785MHz	Pass	18.00	14.73	13.88	17.34	18.00
5825MHz	Pass	18.00	14.29	14.41	17.36	18.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	18.00	14.58	14.67	17.64	18.00
5230MHz	Pass	18.00	14.60	14.70	17.66	18.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
5270MHz	Pass	18.00	8.84	8.86	11.86	11.98
5310MHz	Pass	18.00	8.58	8.56	11.58	11.98
5755MHz	Pass	18.00	14.67	14.29	17.49	18.00
5795MHz	Pass	18.00	14.98	14.46	17.74	18.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	18.00	14.84	14.83	17.85	18.00
5775MHz	Pass	18.00	14.35	14.22	17.30	18.00

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

For Outdoor use:
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / EIRP Elevation 30° (dBm)	EIRP / EIRP Elevation 30° (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	17.99	0.06295	35.99/20.89	3.97192
802.11ac VHT20_Nss1,(MCS0)_2TX	17.61	0.05768	35.61/20.51	3.63915
802.11ac VHT40_Nss1,(MCS0)_2TX	17.62	0.05781	35.62/20.52	3.64754
802.11ac VHT80_Nss1,(MCS0)_2TX	17.63	0.05794	35.63/20.53	3.65595
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.61	0.05768	35.61/20.51	3.63915
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	17.66	0.05834	35.66/20.56	3.68129
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.85	0.06095	35.85/20.75	3.84592
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	11.66	0.01466	29.66	0.92470
802.11ac VHT20_Nss1,(MCS0)_2TX	11.75	0.01496	29.75	0.94406
802.11ac VHT40_Nss1,(MCS0)_2TX	11.92	0.01556	29.92	0.98175
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	11.87	0.01538	29.87	0.97051
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	11.86	0.01535	29.86	0.96828
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	17.85	0.06095	35.85	3.84592
802.11ac VHT20_Nss1,(MCS0)_2TX	17.90	0.06166	35.90	3.89045
802.11ac VHT40_Nss1,(MCS0)_2TX	17.53	0.05662	35.53	3.57273
802.11ac VHT80_Nss1,(MCS0)_2TX	17.54	0.05675	35.54	3.58096
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.89	0.06152	35.89	3.88150
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	17.74	0.05943	35.74	3.74973
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.30	0.05370	35.30	3.38844

Result

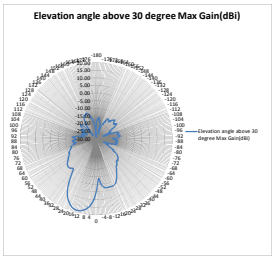
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / EIRP-Elevation 30° (dBm)	EIRP Limit / EIRP Limit-Elevation 30° (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.00	14.61	14.73	17.68	18.00	35.68/20.58	36.00/21.00
5200MHz	Pass	18.00	14.68	14.73	17.72	18.00	35.72/20.62	36.00/21.00
5240MHz	Pass	18.00	15.04	14.91	17.99	18.00	35.99/20.89	36.00/21.00
5260MHz	Pass	18.00	8.69	8.60	11.66	11.86	29.66	29.86
5300MHz	Pass	18.00	8.67	8.46	11.58	11.83	29.58	29.83
5320MHz	Pass	18.00	8.51	8.26	11.40	11.87	29.40	29.87
5745MHz	Pass	18.00	14.93	14.12	17.55	18.00	35.55	36.00
5785MHz	Pass	18.00	14.99	14.21	17.63	18.00	35.63	36.00
5825MHz	Pass	18.00	15.07	14.60	17.85	18.00	35.85	36.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.00	14.58	14.61	17.61	18.00	35.61/20.51	36.00/21.00
5200MHz	Pass	18.00	14.46	14.56	17.52	18.00	35.52/20.42	36.00/21.00
5240MHz	Pass	18.00	14.51	14.67	17.60	18.00	35.60/20.50	36.00/21.00
5260MHz	Pass	18.00	8.61	8.48	11.56	11.98	29.56	30.00
5300MHz	Pass	18.00	9.02	8.18	11.63	11.98	29.63	30.00
5320MHz	Pass	18.00	8.94	8.53	11.75	11.98	29.75	30.00
5745MHz	Pass	18.00	15.21	14.45	17.86	18.00	35.86	36.00
5785MHz	Pass	18.00	15.32	14.41	17.90	18.00	35.90	36.00
5825MHz	Pass	18.00	14.83	14.22	17.55	18.00	35.55	36.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.00	14.74	14.47	17.62	18.00	35.62/20.52	36.00/21.00
5230MHz	Pass	18.00	14.64	14.51	17.59	18.00	35.59/20.49	36.00/21.00
5270MHz	Pass	18.00	8.69	8.91	11.81	11.98	29.81	30.00
5310MHz	Pass	18.00	9.05	8.76	11.92	11.98	29.92	30.00
5755MHz	Pass	18.00	15.00	13.97	17.53	18.00	35.53	36.00
5795MHz	Pass	18.00	15.06	13.91	17.53	18.00	35.53	36.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.00	14.68	14.56	17.63	18.00	35.63/20.53	36.00/21.00
5775MHz	Pass	18.00	14.93	14.08	17.54	18.00	35.54	36.00
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	18.00	14.70	14.48	17.60	18.00	35.60/20.50	36.00/21.00
5200MHz	Pass	18.00	14.72	14.48	17.61	18.00	35.61/20.51	36.00/21.00
5240MHz	Pass	18.00	14.56	14.48	17.53	18.00	35.53/20.43	36.00/21.00
5260MHz	Pass	18.00	8.89	8.83	11.87	11.96	29.87	29.96
5300MHz	Pass	18.00	8.51	8.65	11.59	11.98	29.59	30.00
5320MHz	Pass	18.00	8.66	8.83	11.76	11.98	29.76	30.00
5745MHz	Pass	18.00	15.08	14.68	17.89	18.00	35.89	36.00
5785MHz	Pass	18.00	14.73	13.88	17.34	18.00	35.34	36.00
5825MHz	Pass	18.00	14.29	14.41	17.36	18.00	35.36	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	18.00	14.58	14.67	17.64	18.00	35.64/20.54	36.00/21.00

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / EIRP-Elevation 30° (dBm)	EIRP Limit / EIRP Limit-Elevation 30° (dBm)
5230MHz	Pass	18.00	14.60	14.70	17.66	18.00	35.66/20.56	36.00/21.00
5270MHz	Pass	18.00	8.84	8.86	11.86	11.98	29.86	30.00
5310MHz	Pass	18.00	8.58	8.56	11.58	11.98	29.58	30.00
5755MHz	Pass	18.00	14.67	14.29	17.49	18.00	35.49	36.00
5795MHz	Pass	18.00	14.98	14.46	17.74	18.00	35.74	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	18.00	14.84	14.83	17.85	18.00	35.85/20.75	36.00/21.00
5775MHz	Pass	18.00	14.35	14.22	17.30	18.00	35.30	36.00

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

Elevation angle above 30 degree Max Gain

Elevation angle above 30 degree Max Gain(dBi)		2.90
Freq. (MHz)	5200	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-21.40	
-179	-19.38	
-178	-18.21	
-177	-16.77	
-176	-17.58	
-175	-16.33	
-174	-16.10	
-173	-16.00	
-172	-15.79	
-171	-16.68	
-170	-18.05	
-169	-17.91	
-168	-19.22	
-167	-20.41	
-166	-21.56	
-165	-24.69	
-164	-22.27	
-163	-24.78	
-162	-24.68	
-161	-26.60	
-160	-21.76	
-159	-20.33	
-158	-19.85	
-157	-19.18	
-156	-18.68	
-155	-17.50	
-154	-16.85	
-153	-17.84	
-152	-15.40	
-151	-15.41	
-150	-14.69	
-149	-14.70	
-148	-15.11	
-147	-15.28	
-146	-15.98	
-145	-16.37	
-144	-14.94	
-143	-15.89	
-142	-15.54	
-141	-14.50	
-140	-14.10	
-139	-13.93	
-138	-13.44	
-137	-12.87	
-136	-12.69	
-135	-13.15	
-134	-13.66	
-133	-14.34	
-132	-14.69	
-131	-14.50	
-130	-15.26	
-129	-14.30	
-128	-14.17	
-127	-13.23	
-126	-14.16	
-125	-13.81	
-124	-15.28	
-123	-15.78	
-122	-18.50	
-121	-19.66	
-120	-20.03	
-119	-20.11	
-118	-19.14	
-117	-20.18	
-116	-21.26	
-115	-19.82	
-114	-21.98	
-113	-25.32	
-112	-24.99	
-111	-24.63	
-110	-19.73	
-109	-16.60	
-108	-15.87	
-107	-15.33	
-106	-15.11	
-105	-15.18	
-104	-14.79	
-103	-16.35	
-102	-16.07	
-101	-16.08	
-100	-16.02	
-99	-14.65	
-98	-14.77	Above 30 degree
-97	-14.23	
-96	-14.45	
-95	-14.49	
-94	-15.66	
-93	-15.60	
-92	-18.74	
-91	-19.40	
-90	-18.72	
-89	-18.79	
-88	-17.84	
-87	-16.51	
-86	-16.67	
-85	-16.96	
-84	-15.81	
-83	-16.56	
-82	-16.14	
-81	-16.73	
-80	-17.60	
-79	-16.91	
-78	-17.03	
-77	-15.83	
-76	-15.91	
-75	-16.52	
-74	-16.56	
-73	-18.79	
-72	-19.43	
-71	-19.43	
-70	-21.85	
-69	-23.09	
-68	-24.98	
-67	-24.76	
-66	-22.40	
-65	-21.50	
-64	-22.75	
-63	-21.51	
-62	-22.35	
-61	-22.46	
-60	-21.79	
-59	-20.60	
-58	-18.36	
-57	-16.39	
-56	-16.73	
-55	-16.48	
-54	-14.85	
-53	-13.10	
-52	-12.83	
-51	-12.21	
-50	-11.47	
-49	-10.79	
-48	-10.75	
-47	-10.64	
-46	-10.60	
-45	-10.00	
-44	-10.53	
-43	-10.02	
-42	-10.31	
-41	-9.46	
-40	-9.20	
-39	-8.66	
-38	-8.09	
-37	-8.21	
-36	-7.83	
-35	-7.58	
-34	-5.99	
-33	-5.53	
-32	-5.00	
-31	-4.23	
-30	-3.18	
-29	-2.45	
-28	-1.37	
-27	-0.54	
-26	0.22	
-25	0.86	
-24	1.52	
-23	1.90	
-22	2.23	
-21	2.48	
-20	2.75	
-19	2.77	
-18	2.84	
-17	2.90	
-16	2.73	
-15	2.76	
-14	2.75	
-13	2.82	
-12	2.69	
-11	2.64	
-10	2.41	
-9	2.00	
-8	1.51	
-7	0.77	
-6	-0.41	
-5	-1.87	
-4	-3.63	
-3	-3.94	
-2	-1.46	
-1	1.77	0° ~ 30°
0	4.84	
1	7.33	
2	9.37	
3	11.11	
4	12.55	
5	13.80	
6	14.75	
7	15.63	
8	16.35	
9	16.94	
10	17.44	
11	17.84	
12	18.19	
13	18.42	
14	18.58	



Elevation angle above 30 degree Max Gain

15	18.61	0° reference angle
16	18.56	
17	18.41	
18	18.16	
19	17.79	
20	17.37	
21	16.81	
22	16.20	
23	15.51	
24	14.72	
25	13.83	
26	12.84	
27	11.81	
28	10.58	
29	9.27	
30	7.81	0° ~ 30°
31	6.17	
32	4.35	
33	2.37	
34	0.41	
35	-1.78	
36	-3.54	
37	-5.08	
38	-5.38	
39	-5.11	
40	-5.04	
41	-4.36	
42	-4.08	
43	-4.10	
44	-3.97	
45	-3.93	
46	-4.08	
47	-4.22	
48	-4.39	
49	-4.78	
50	-5.20	
51	-5.74	
52	-5.85	
53	-6.69	
54	-7.22	
55	-7.32	
56	-7.96	
57	-8.19	
58	-8.95	
59	-9.03	
60	-9.83	
61	-10.02	
62	-10.23	
63	-9.62	
64	-10.13	
65	-10.50	
66	-10.98	
67	-11.50	
68	-11.54	
69	-12.14	
70	-12.42	
71	-12.92	
72	-12.95	
73	-12.34	
74	-13.32	
75	-13.86	
76	-14.25	
77	-15.77	
78	-14.74	
79	-15.06	
80	-16.68	
81	-16.49	
82	-14.93	
83	-15.03	
84	-14.40	
85	-14.06	
86	-14.44	
87	-16.04	
88	-16.04	
89	-16.62	
90	-15.74	
91	-16.00	
92	-16.10	
93	-15.21	
94	-14.15	
95	-14.67	
96	-15.64	
97	-16.91	
98	-17.27	
99	-20.91	
100	-20.88	
101	-22.49	
102	-19.95	
103	-20.54	
104	-20.12	
105	-19.92	
106	-20.02	
107	-21.18	
108	-21.74	
109	-22.05	
110	-21.06	
111	-21.02	
112	-20.53	Above 30 degree
113	-19.96	
114	-21.13	
115	-20.02	
116	-21.89	
117	-23.52	
118	-21.39	
119	-21.22	
120	-19.49	
121	-18.43	
122	-19.55	
123	-19.04	
124	-19.10	
125	-20.79	
126	-20.68	
127	-20.79	
128	-18.46	
129	-17.53	
130	-16.49	
131	-16.53	
132	-16.05	
133	-16.63	
134	-17.49	
135	-17.91	
136	-21.51	
137	-21.58	
138	-25.10	
139	-22.41	
140	-26.86	
141	-22.43	
142	-22.28	
143	-20.07	
144	-18.30	
145	-18.40	
146	-17.21	
147	-16.33	
148	-15.33	
149	-14.45	
150	-13.76	
151	-13.61	
152	-12.64	
153	-13.39	
154	-13.40	
155	-13.02	
156	-12.08	
157	-11.87	
158	-12.44	
159	-11.92	
160	-11.79	
161	-12.50	
162	-12.76	
163	-13.39	
164	-13.78	
165	-14.47	
166	-16.05	
167	-15.59	
168	-16.00	
169	-16.85	
170	-19.20	
171	-18.80	
172	-20.06	
173	-21.83	
174	-23.96	
175	-26.41	
176	-26.45	
177	-28.99	
178	-23.11	
179	-22.25	

For Indoor/outdoor use:
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	4.72
802.11ac VHT20_Nss1,(MCS0)_2TX	4.26
802.11ac VHT40_Nss1,(MCS0)_2TX	1.69
802.11ac VHT80_Nss1,(MCS0)_2TX	-2.09
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	4.10
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.92
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.97
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	-1.18
802.11ac VHT20_Nss1,(MCS0)_2TX	-1.57
802.11ac VHT40_Nss1,(MCS0)_2TX	-4.27
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-1.25
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-4.25
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	3.58
802.11ac VHT20_Nss1,(MCS0)_2TX	3.16
802.11ac VHT40_Nss1,(MCS0)_2TX	0.11
802.11ac VHT80_Nss1,(MCS0)_2TX	-3.44
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	4.07
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.43
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-4.09

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

Result

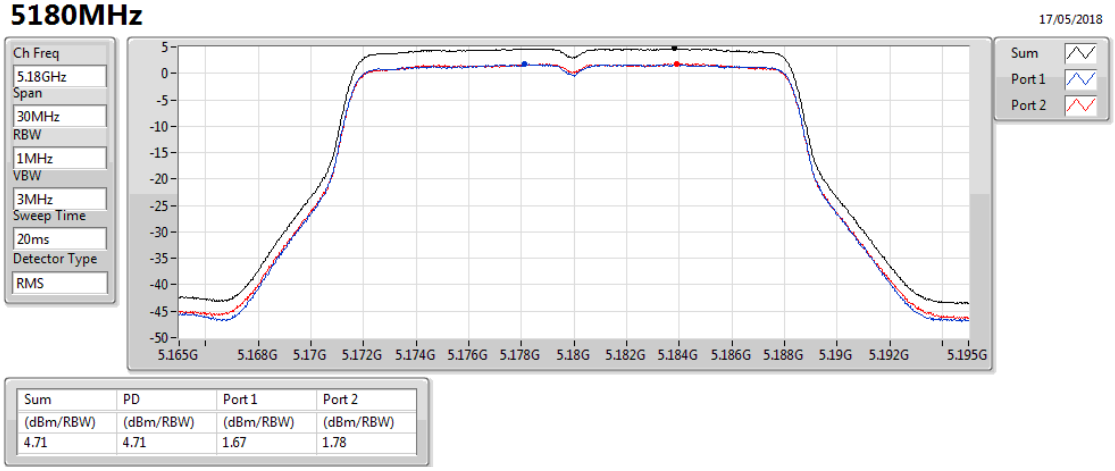
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	18.00	1.67	1.78	4.71	5.00
5200MHz	Pass	18.00	1.82	1.93	4.72	5.00
5240MHz	Pass	18.00	1.70	1.86	4.66	5.00
5260MHz	Pass	18.00	-4.09	-4.08	-1.18	-1.00
5300MHz	Pass	18.00	-4.41	-4.31	-1.43	-1.00
5320MHz	Pass	18.00	-4.18	-4.31	-1.29	-1.00
5745MHz	Pass	18.00	0.40	-0.03	3.04	18.00
5785MHz	Pass	18.00	0.36	-0.64	2.82	18.00
5825MHz	Pass	18.00	0.59	0.69	3.58	18.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	18.00	1.15	1.37	4.26	5.00
5200MHz	Pass	18.00	1.08	1.26	4.16	5.00
5240MHz	Pass	18.00	0.96	1.12	4.04	5.00
5260MHz	Pass	18.00	-4.75	-4.82	-1.80	-1.00
5300MHz	Pass	18.00	-4.19	-4.87	-1.57	-1.00
5320MHz	Pass	18.00	-4.35	-4.91	-1.70	-1.00
5745MHz	Pass	18.00	0.49	-0.02	3.16	18.00
5785MHz	Pass	18.00	0.62	-0.71	2.88	18.00
5825MHz	Pass	18.00	-0.06	-0.70	2.48	18.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	18.00	-1.32	-1.14	1.69	5.00
5230MHz	Pass	18.00	-1.40	-1.62	1.45	5.00
5270MHz	Pass	18.00	-7.44	-7.10	-4.27	-1.00
5310MHz	Pass	18.00	-7.02	-7.33	-4.29	-1.00
5755MHz	Pass	18.00	-2.50	-3.07	0.11	18.00
5795MHz	Pass	18.00	-2.42	-3.49	-0.15	18.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	18.00	-4.94	-4.99	-2.09	5.00
5775MHz	Pass	18.00	-6.01	-6.87	-3.44	18.00
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	18.00	0.83	0.66	3.68	5.00
5200MHz	Pass	18.00	1.06	0.91	3.94	5.00
5240MHz	Pass	18.00	1.31	0.91	4.10	5.00
5260MHz	Pass	18.00	-4.02	-4.66	-1.43	-1.00
5300MHz	Pass	18.00	-3.63	-3.46	-1.25	-1.00
5320MHz	Pass	18.00	-4.28	-4.17	-1.37	-1.00
5745MHz	Pass	18.00	1.84	1.38	4.07	18.00
5785MHz	Pass	18.00	1.39	0.41	3.21	18.00
5825MHz	Pass	18.00	0.40	0.59	3.38	18.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	18.00	-2.59	-2.61	0.30	5.00
5230MHz	Pass	18.00	-2.01	-2.05	0.92	5.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5270MHz	Pass	18.00	-6.95	-7.45	-4.47	-1.00
5310MHz	Pass	18.00	-6.62	-6.87	-4.25	-1.00
5755MHz	Pass	18.00	-2.15	-2.86	0.23	18.00
5795MHz	Pass	18.00	-2.36	-2.45	0.43	18.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	18.00	-3.03	-5.05	-0.97	5.00
5775MHz	Pass	18.00	-7.57	-6.42	-4.09	18.00

DG = Directional Gain; **RBW** = 500kHz 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 Xpower density;

802.11a_Nss1,(6Mbps)_2TX **PSD**

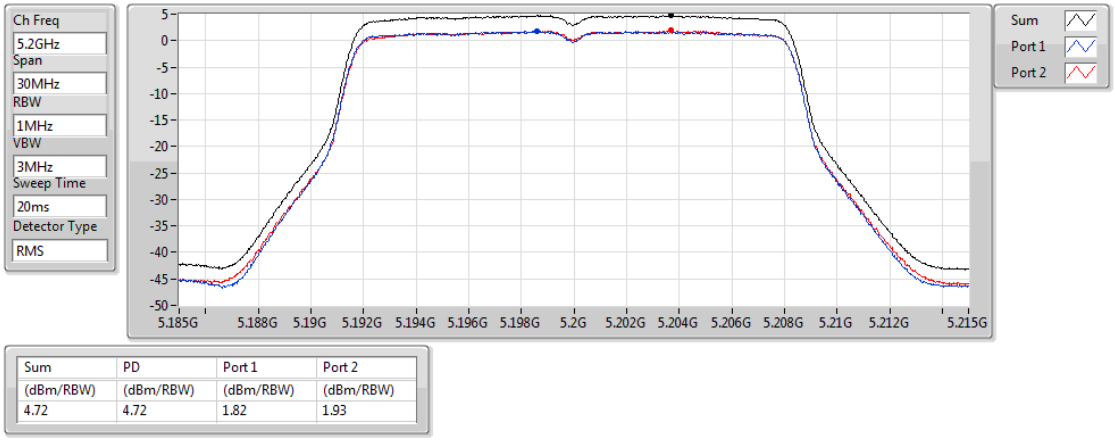
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.71	4.71	1.67	1.78

802.11a_Nss1,(6Mbps)_2TX **PSD**

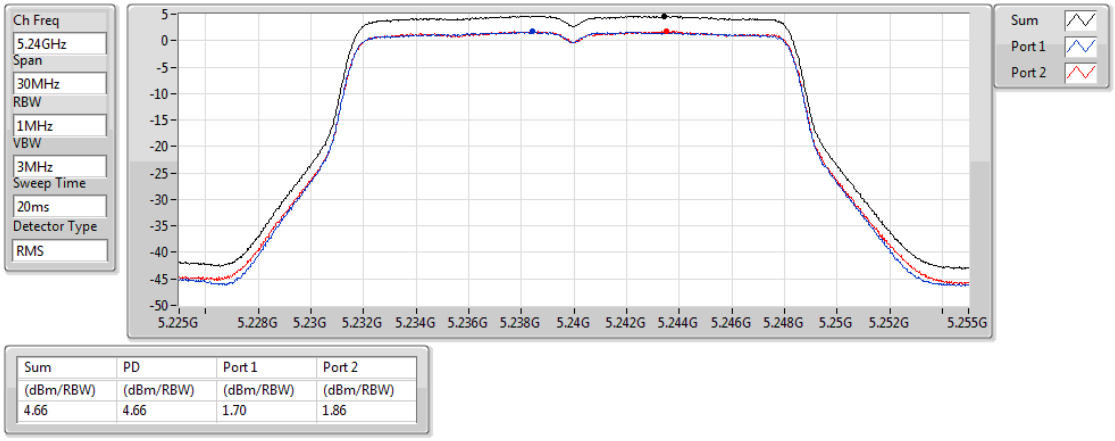
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	1.82	1.93

802.11a_Nss1,(6Mbps)_2TX **PSD**

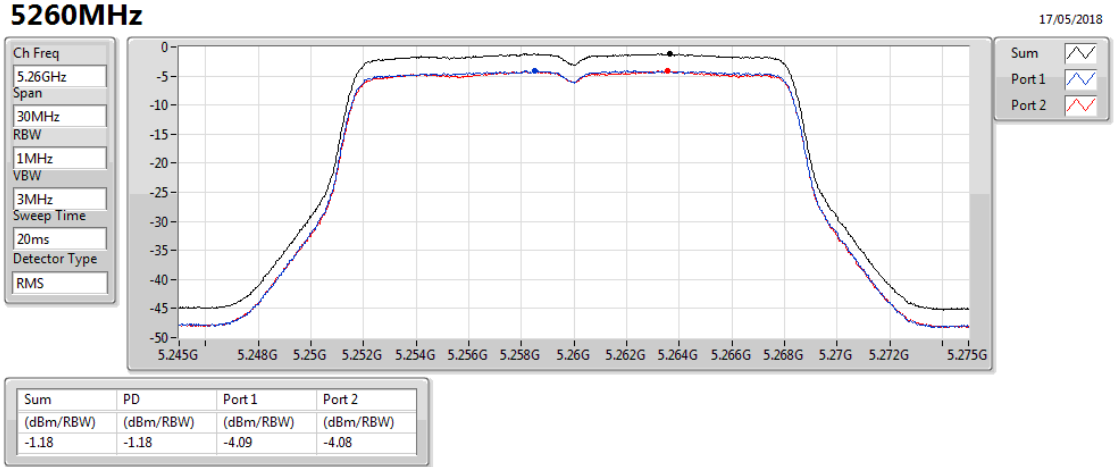
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	1.70	1.86

802.11a_Nss1,(6Mbps)_2TX **PSD**

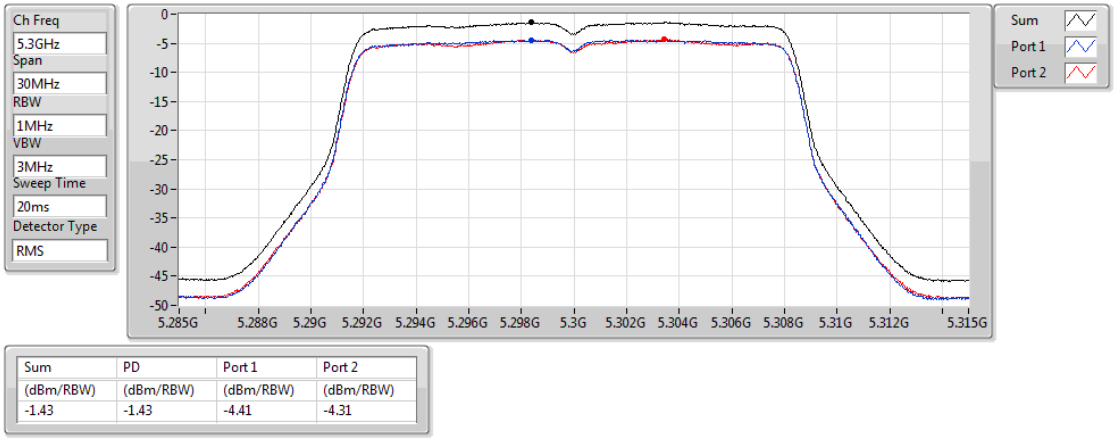
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.18	-1.18	-4.09	-4.08

802.11a_Nss1,(6Mbps)_2TX **PSD**

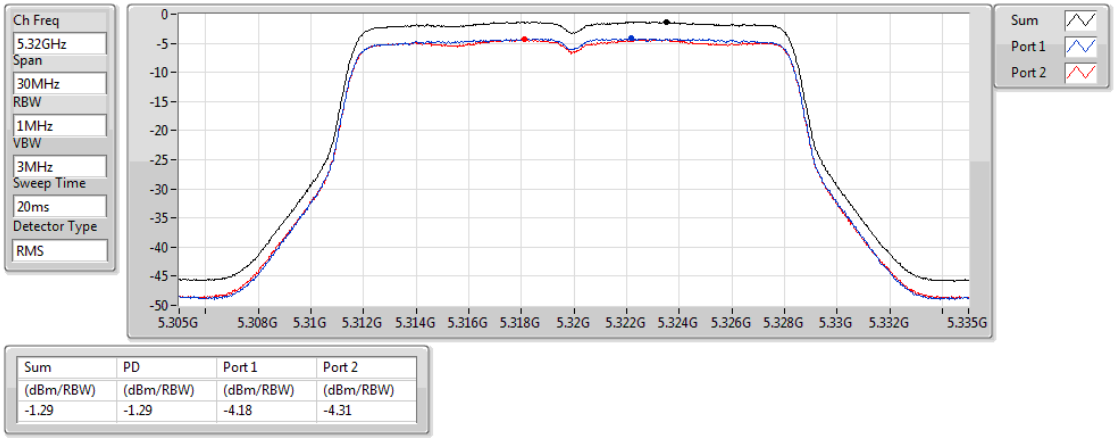
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.43	-1.43	-4.41	-4.31

802.11a_Nss1,(6Mbps)_2TX **PSD**

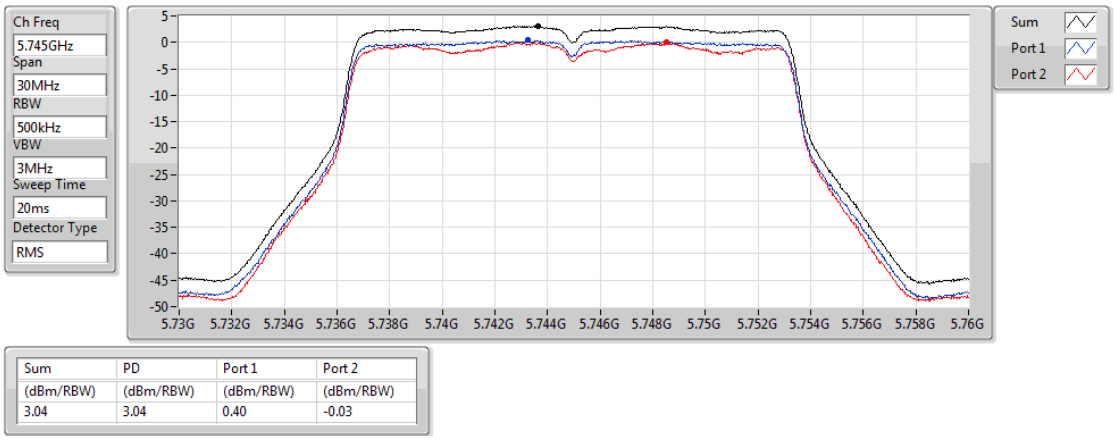
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.29	-1.29	-4.18	-4.31

802.11a_Nss1,(6Mbps)_2TX PSD

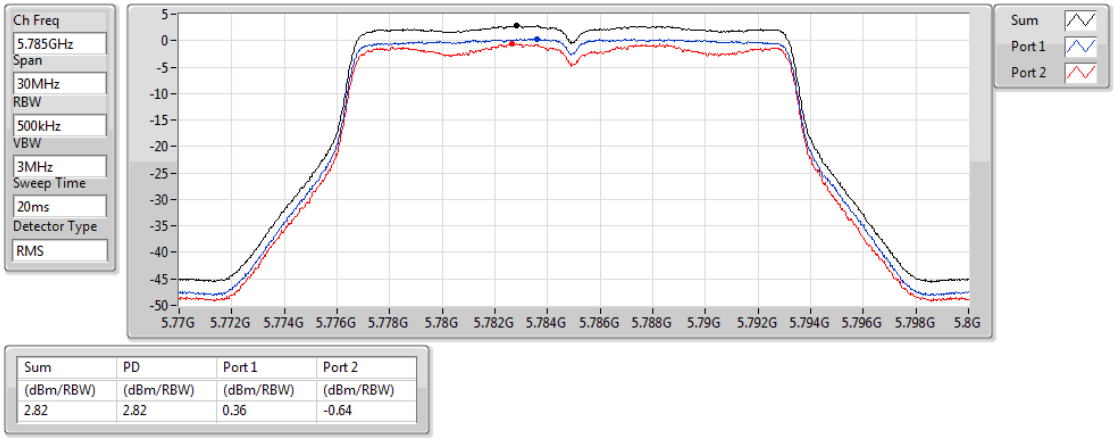
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.04	3.04	0.40	-0.03

802.11a_Nss1,(6Mbps)_2TX PSD

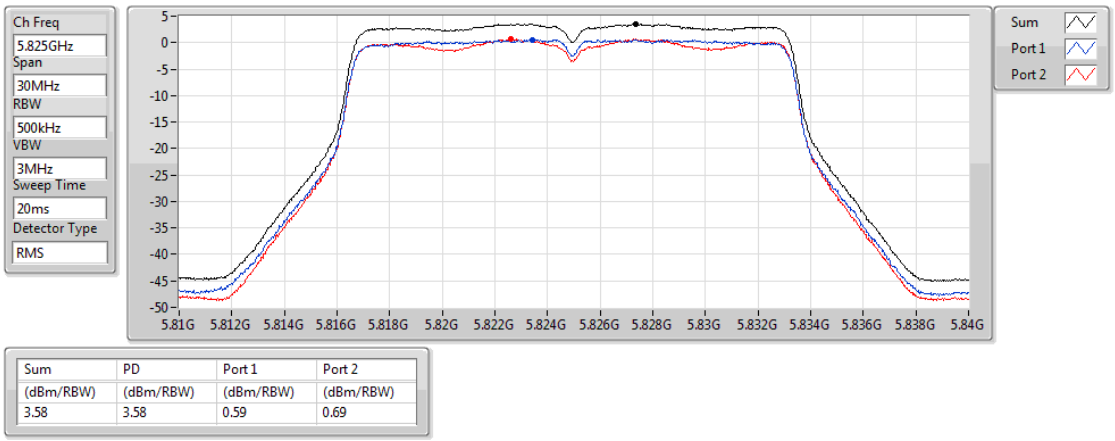
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.82	2.82	0.36	-0.64

802.11a_Nss1,(6Mbps)_2TX PSD

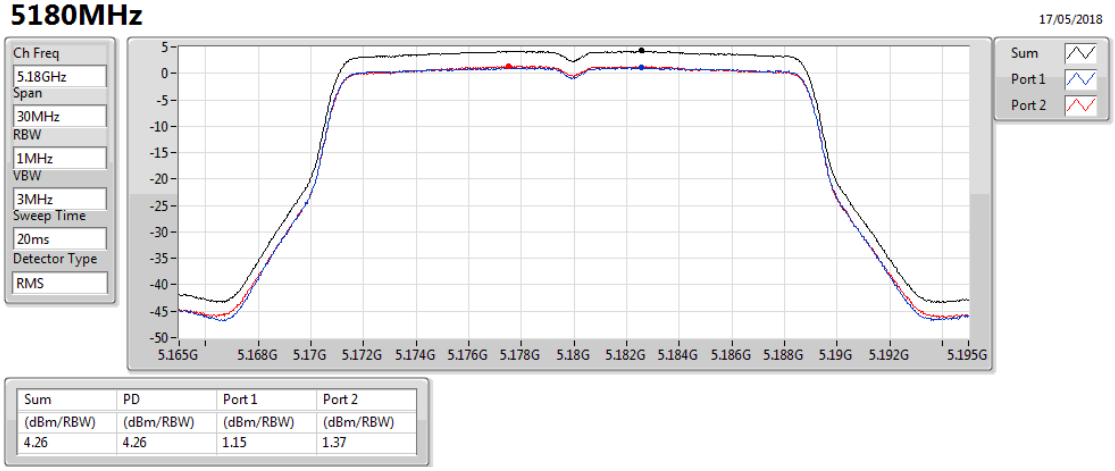
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	0.59	0.69

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

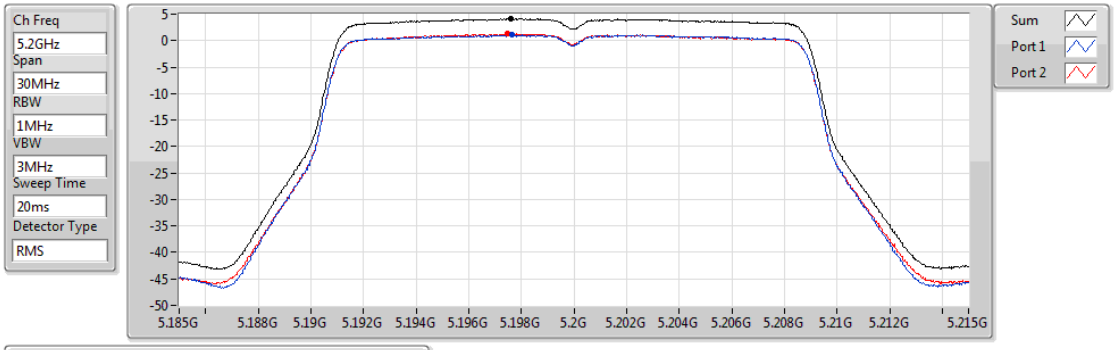
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.26	4.26	1.15	1.37

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

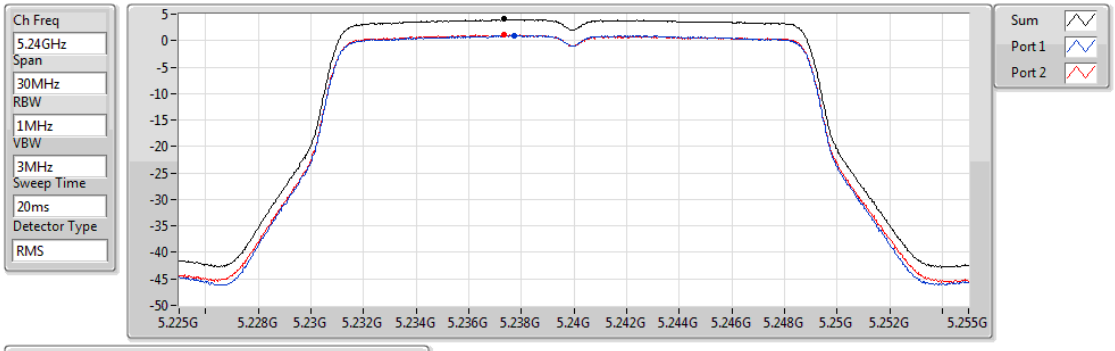
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.16	4.16	1.08	1.26

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

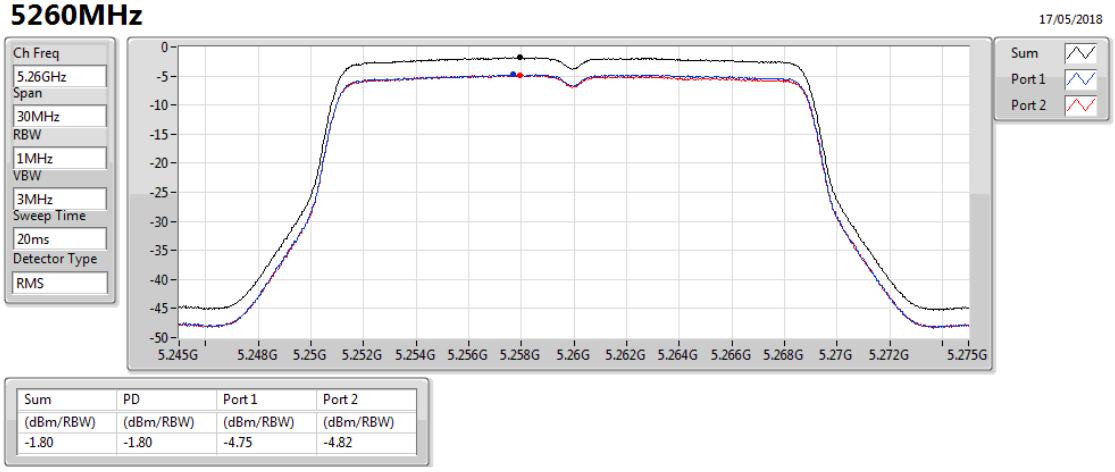
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	0.96	1.12

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

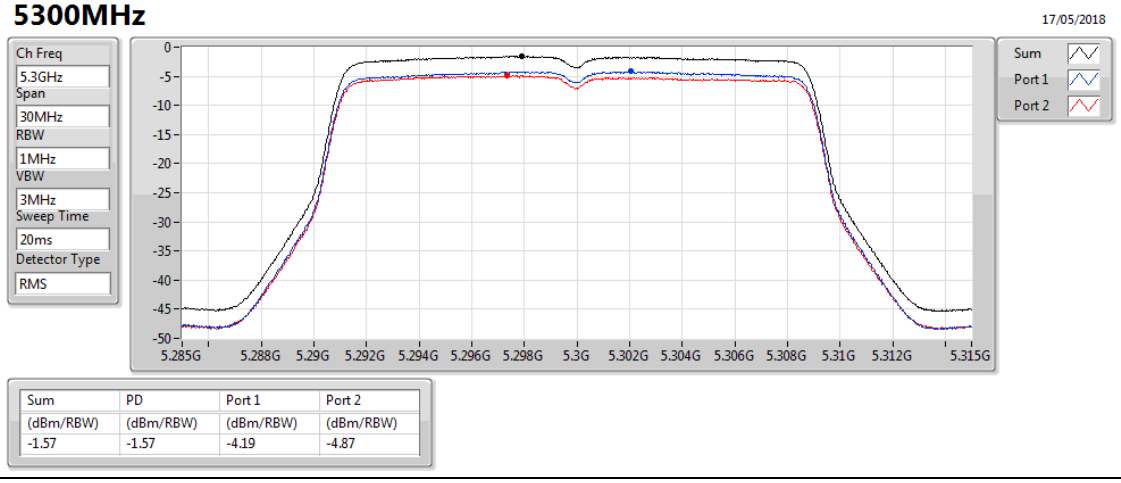
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.80	-1.80	-4.75	-4.82

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

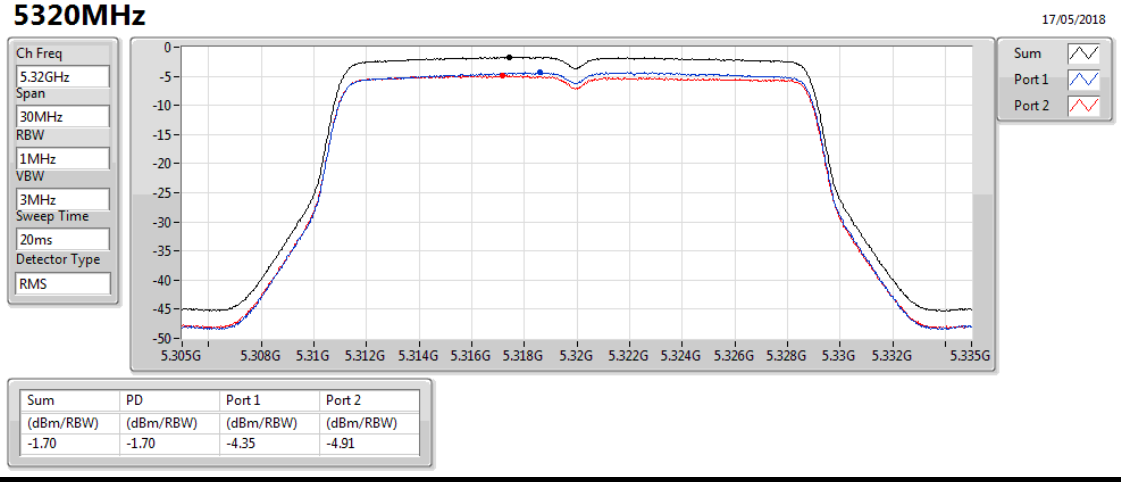
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.57	-1.57	-4.19	-4.87

802.11ac VHT20_Nss1,(MCS0)_2TX **PSD**

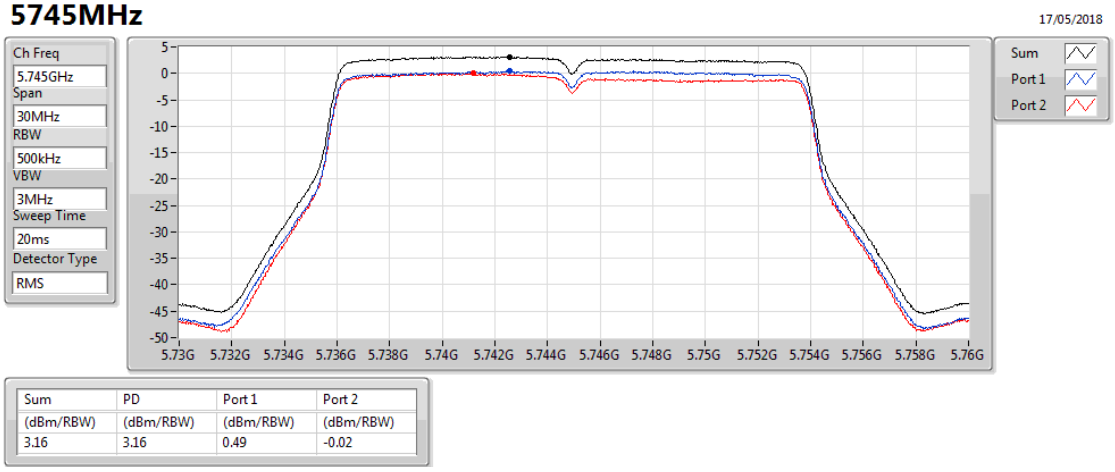
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.70	-1.70	-4.35	-4.91

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

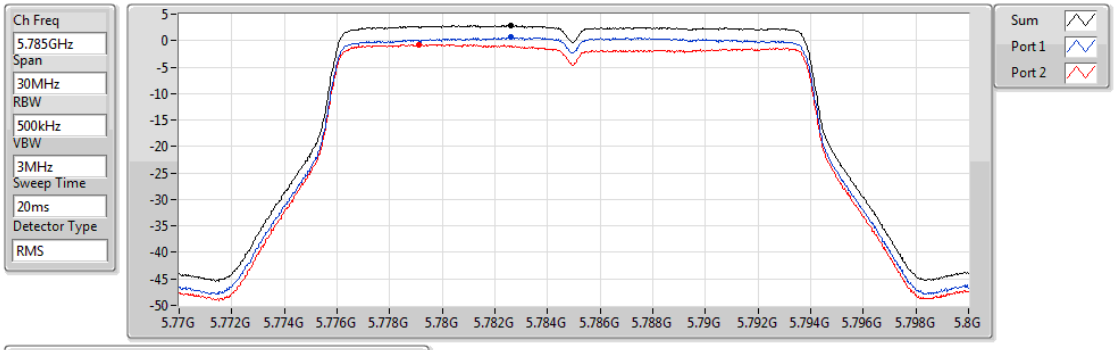
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.16	3.16	0.49	-0.02

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

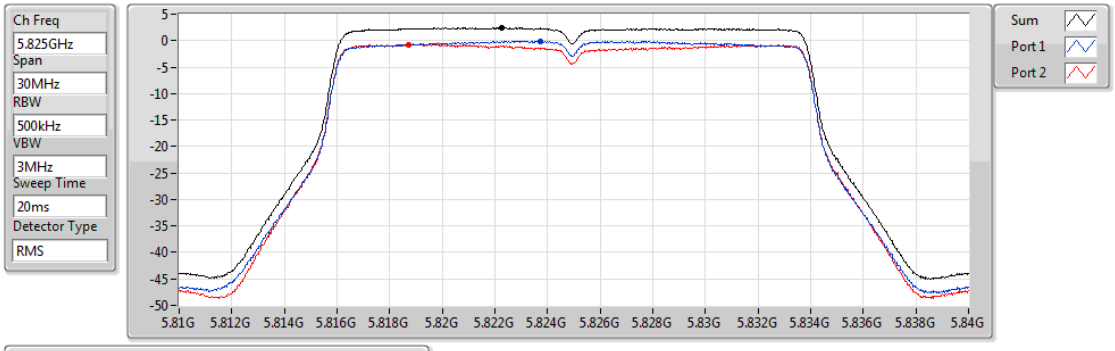
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.88	2.88	0.62	-0.71

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

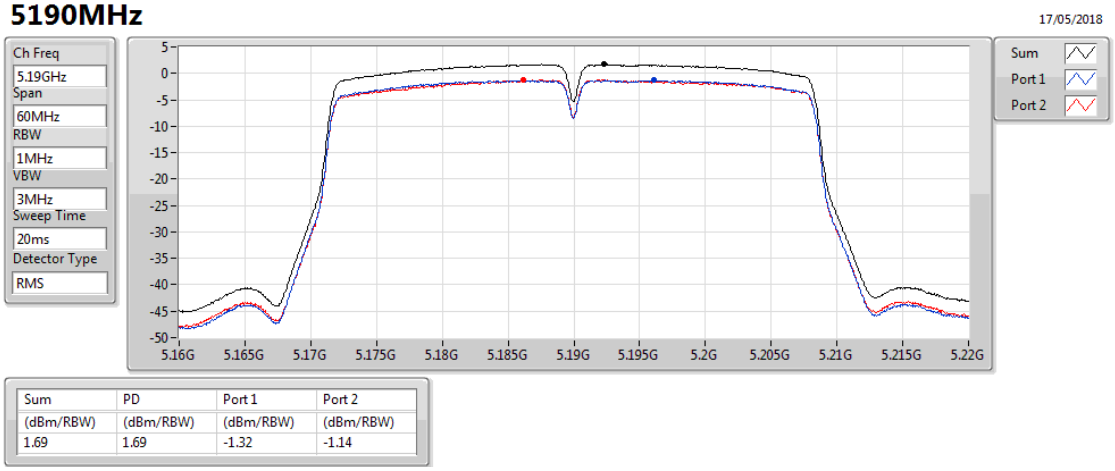
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.48	2.48	-0.06	-0.70

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

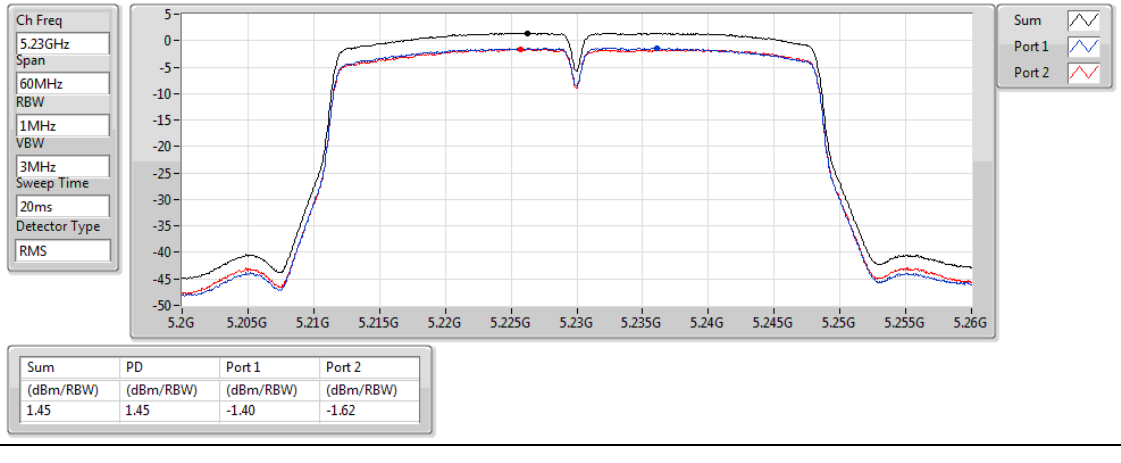
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.69	1.69	-1.32	-1.14

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

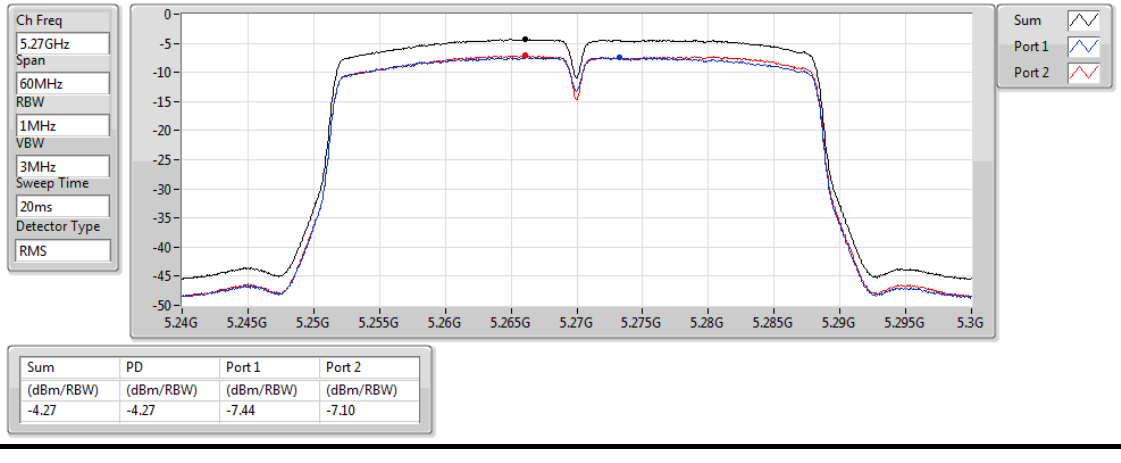
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.45	1.45	-1.40	-1.62

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

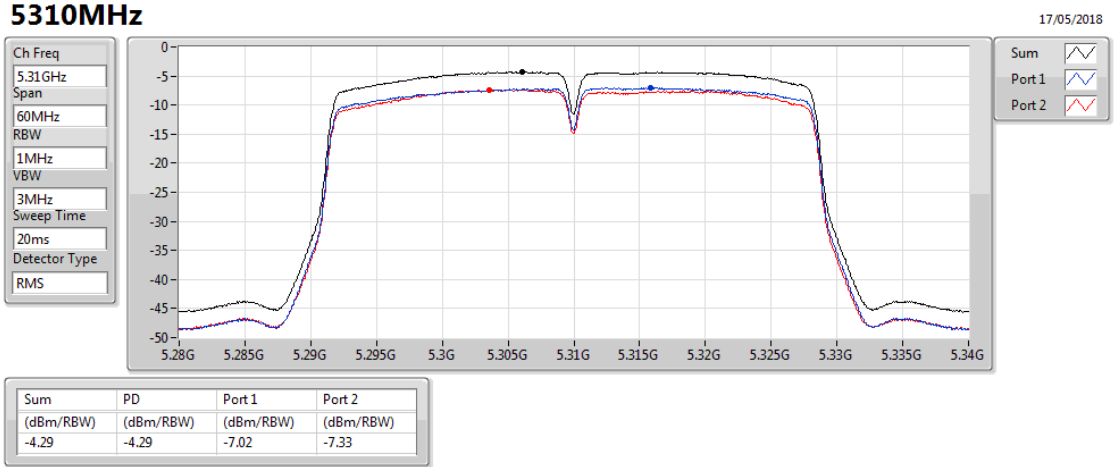
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.27	-4.27	-7.44	-7.10

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

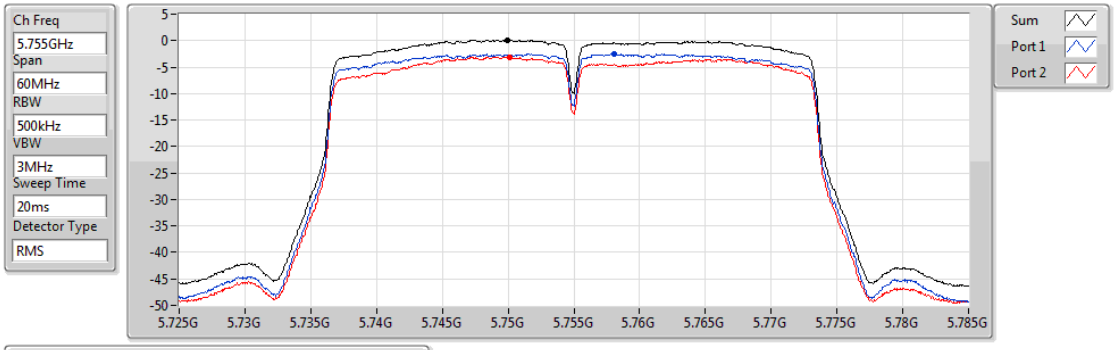
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.29	-4.29	-7.02	-7.33

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

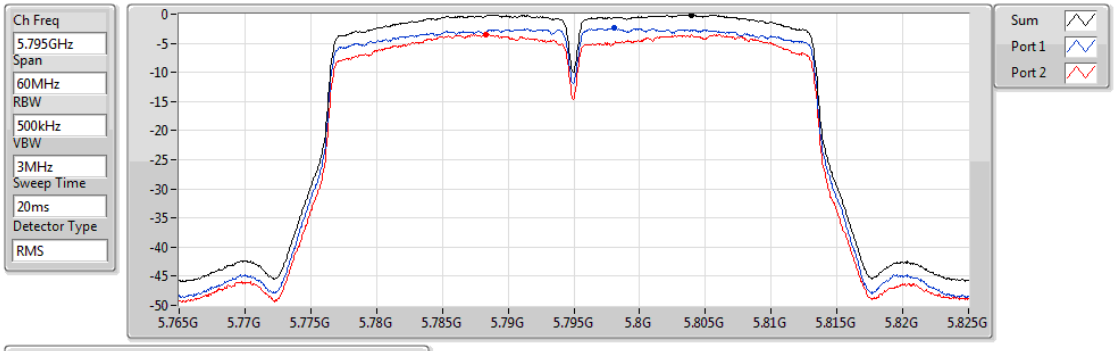
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	-2.50	-3.07

802.11ac VHT40_Nss1,(MCS0)_2TX PSD

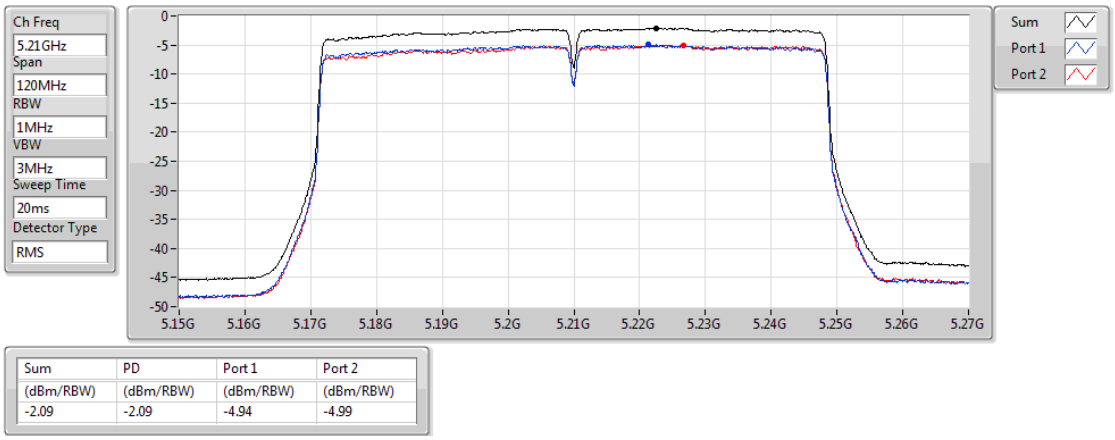
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.15	-0.15	-2.42	-3.49

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

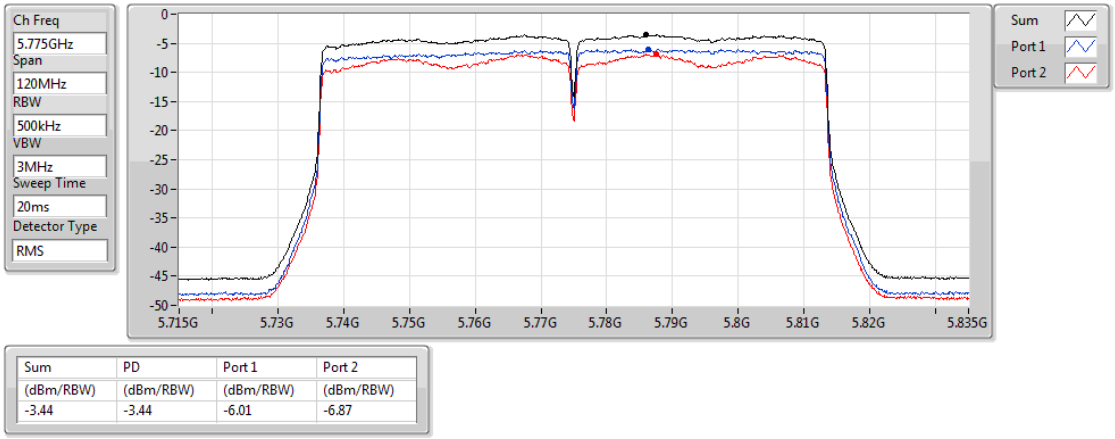
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.09	-2.09	-4.94	-4.99

802.11ac VHT80_Nss1,(MCS0)_2TX PSD

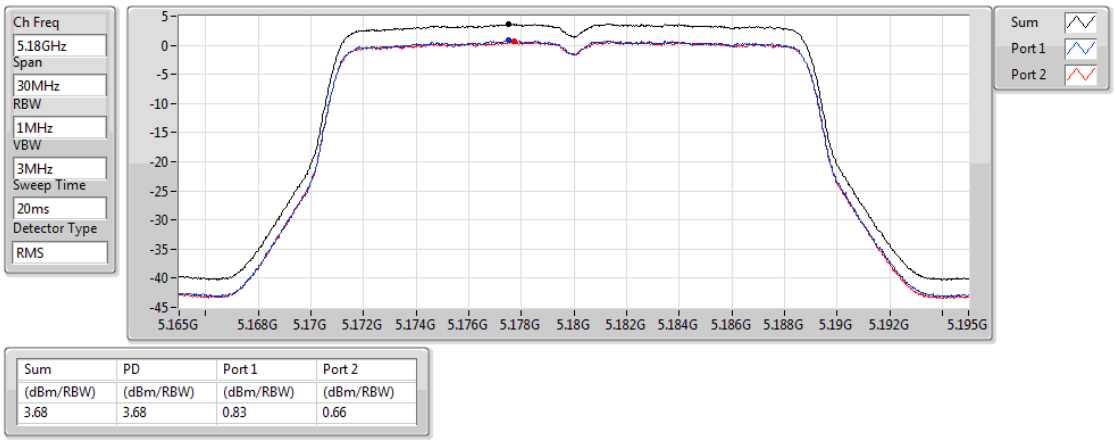
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.44	-3.44	-6.01	-6.87

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

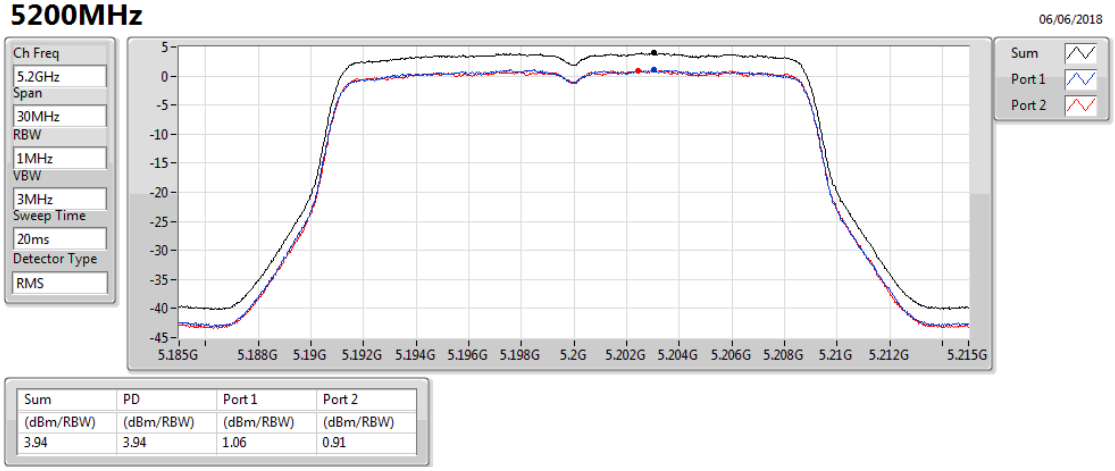
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	0.83	0.66

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

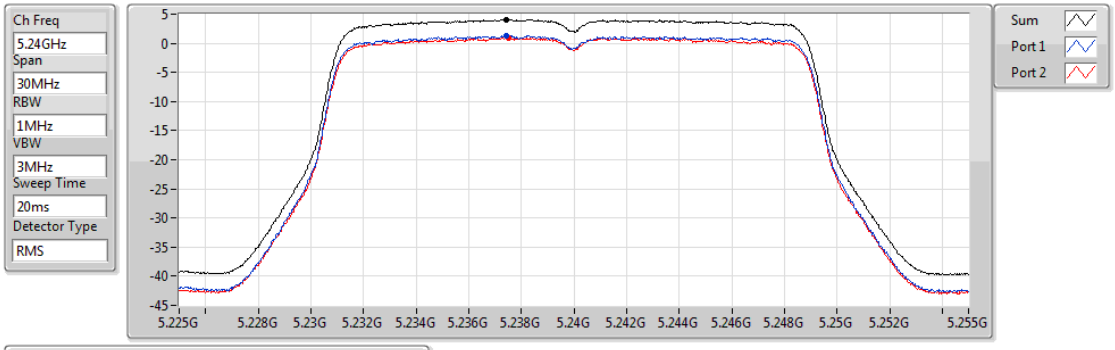
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.94	3.94	1.06	0.91

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

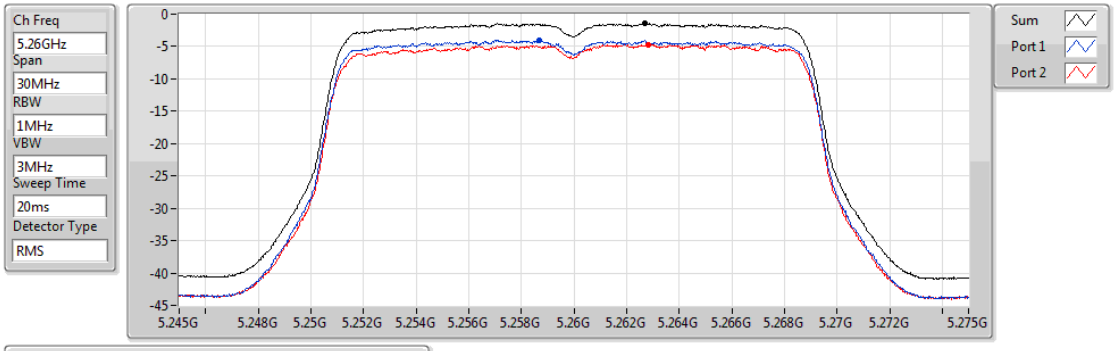
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.10	4.10	1.31	0.91

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

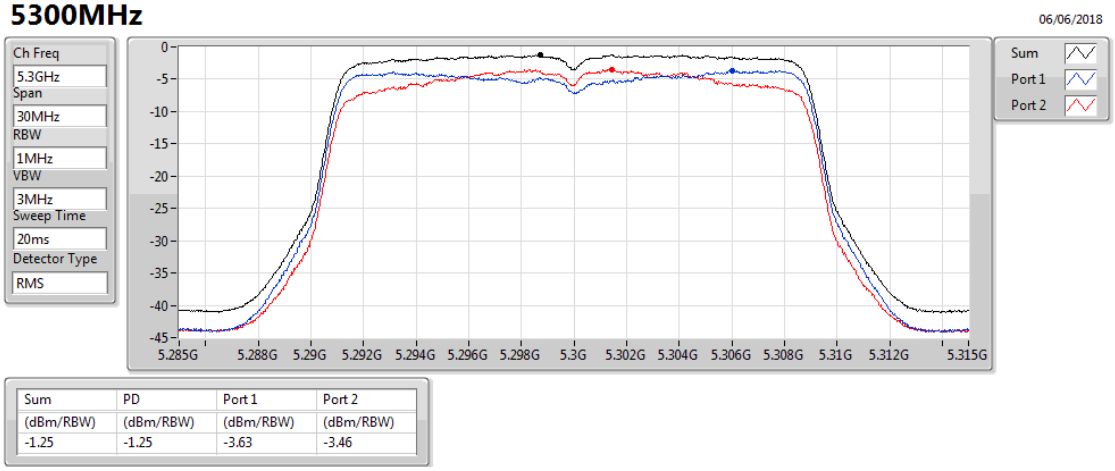
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.43	-1.43	-4.02	-4.66

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

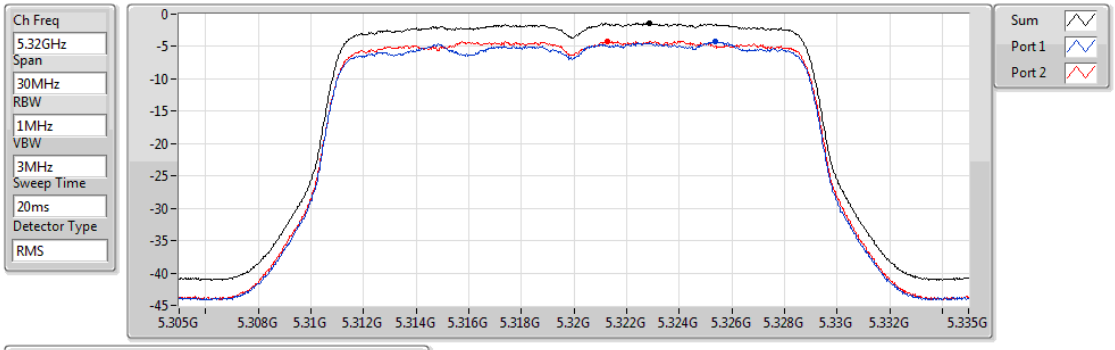
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.25	-1.25	-3.63	-3.46

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

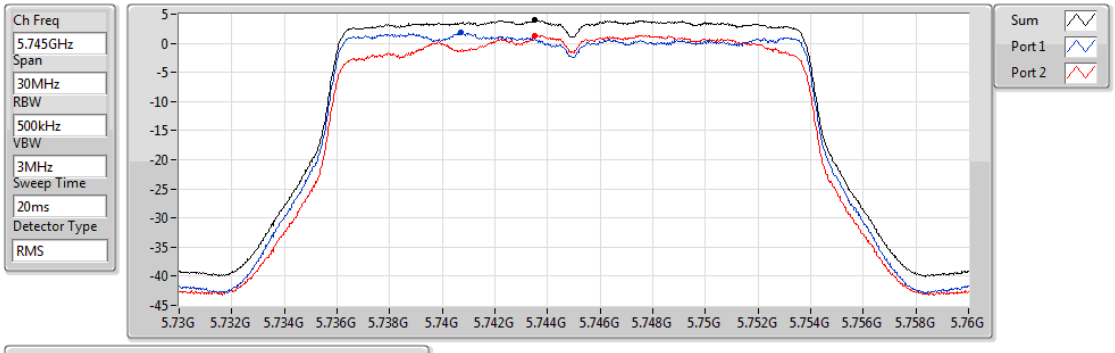
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.37	-1.37	-4.28	-4.17

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

5745MHz

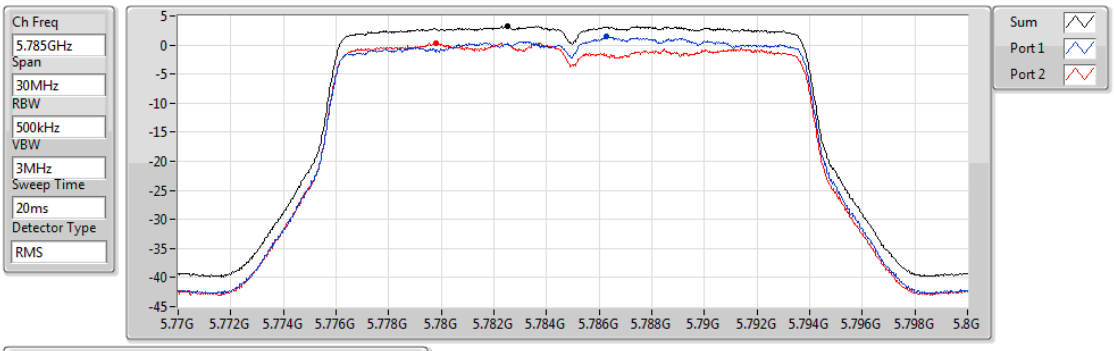


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	1.84	1.38

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

5785MHz

06/06/2018

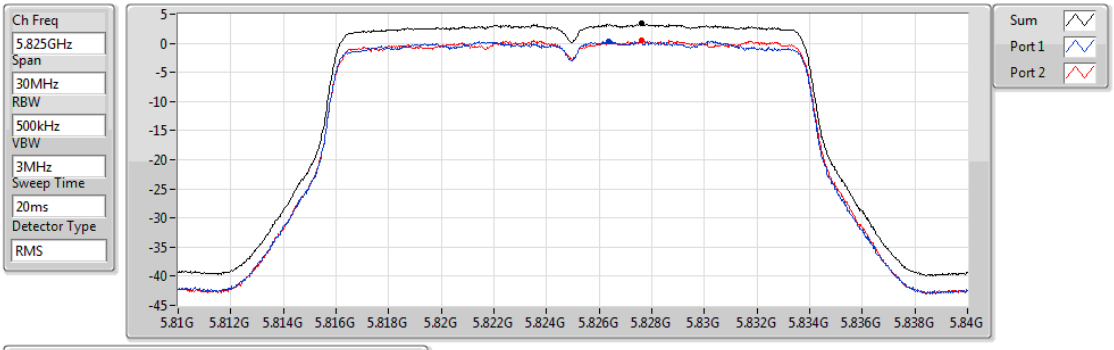


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	1.39	0.41

802.11ac VHT20-BF_Nss1,(MCS0)_2TX PSD

5825MHz

06/06/2018

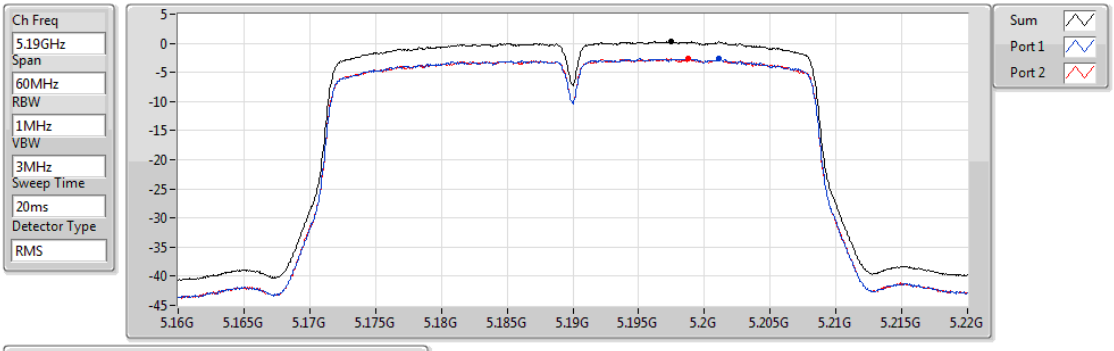


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.38	3.38	0.40	0.59

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

5190MHz

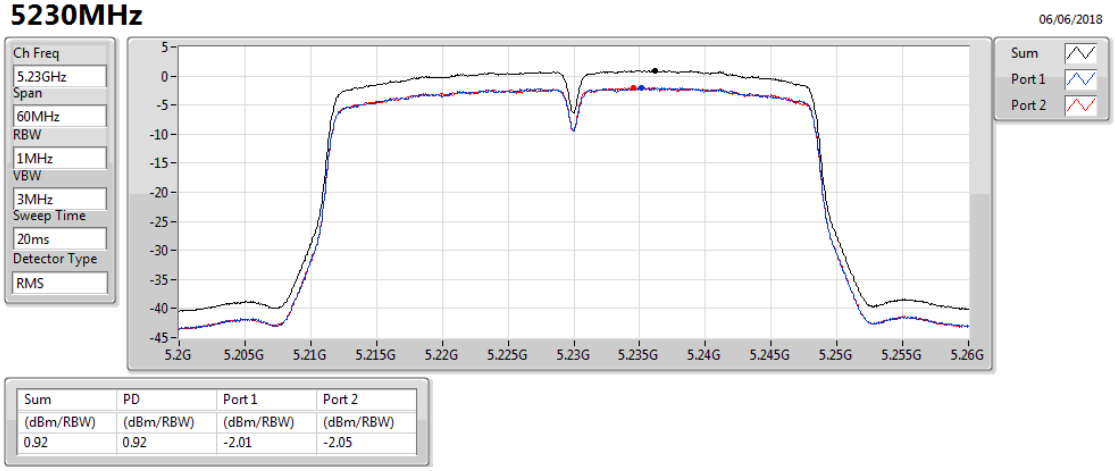
06/06/2018



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.30	0.30	-2.59	-2.61

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

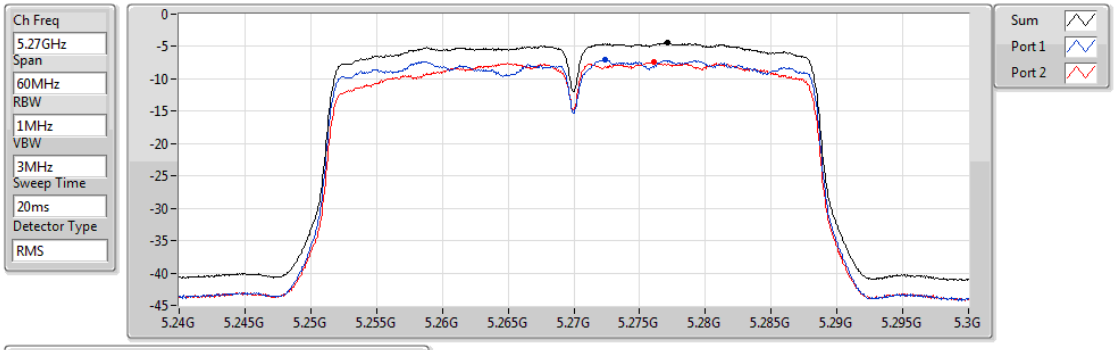
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.92	0.92	-2.01	-2.05

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

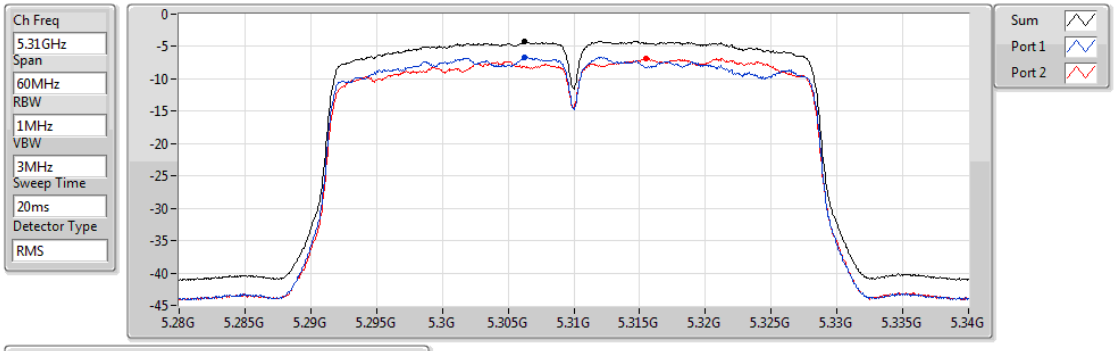
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.47	-4.47	-6.95	-7.45

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

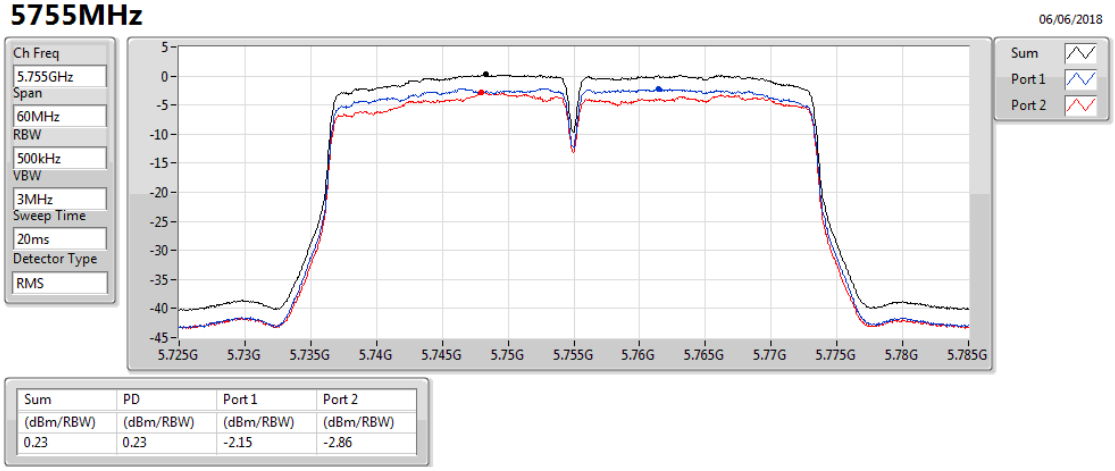
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.25	-4.25	-6.62	-6.87

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

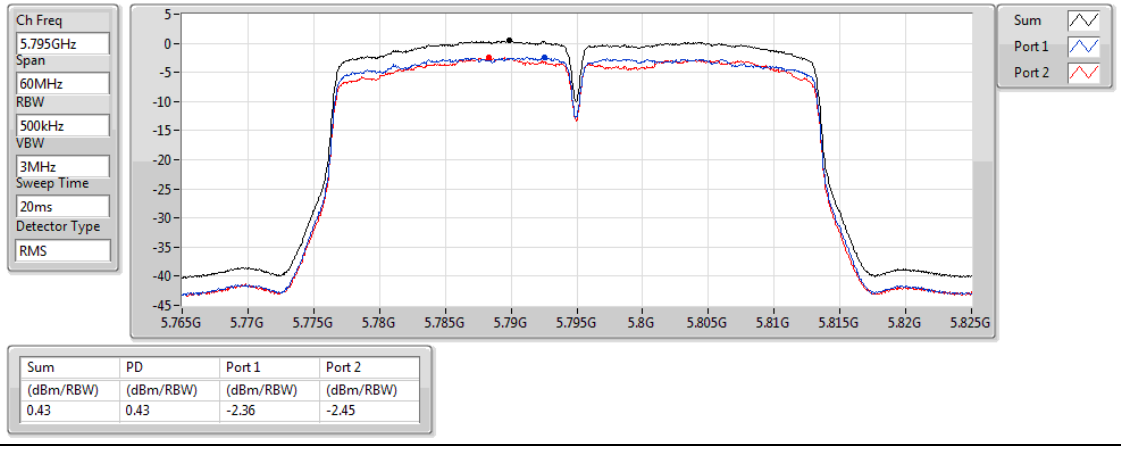
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.23	0.23	-2.15	-2.86

802.11ac VHT40-BF_Nss1,(MCS0)_2TX PSD

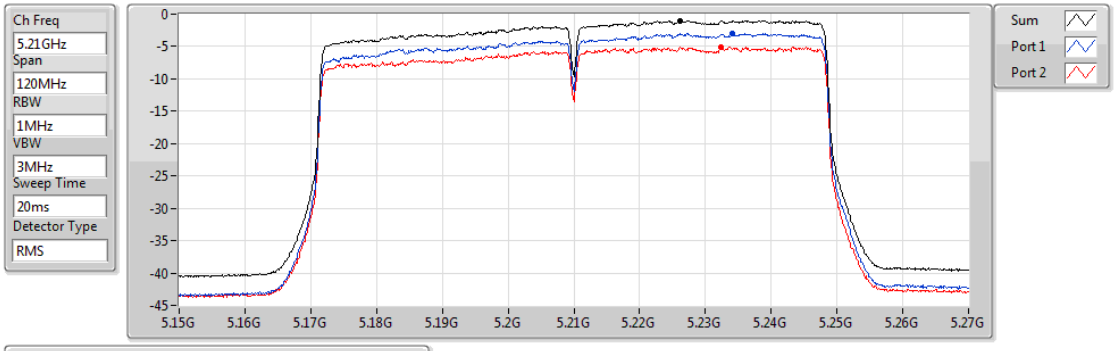
5795MHz



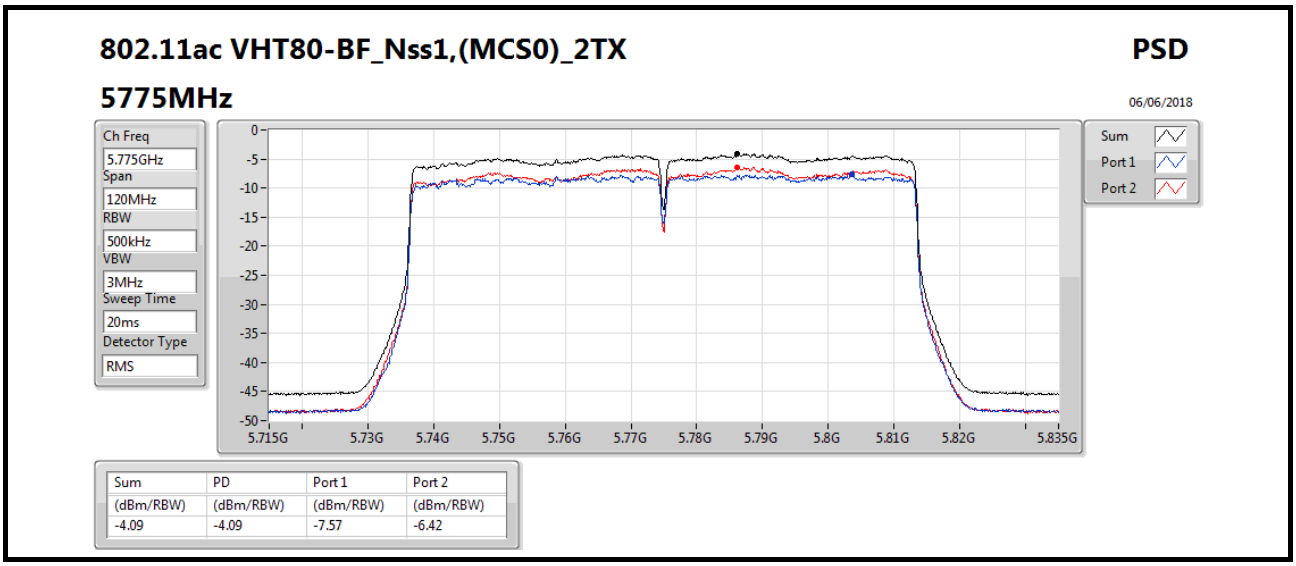
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.43	0.43	-2.36	-2.45

802.11ac VHT80-BF_Nss1,(MCS0)_2TX PSD

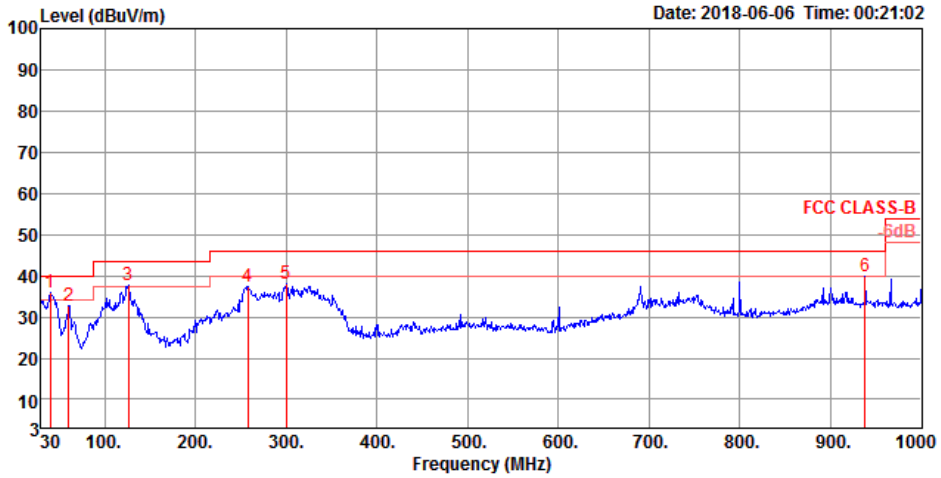
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.97	-0.97	-3.03	-5.05


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
PSD
5775MHz
06/06/2018
Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
0
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
5.715G
5.73G
5.74G
5.75G
5.76G
5.77G
5.78G
5.79G
5.8G
5.81G
5.82G
5.835G
Sum
Port 1
Port 2
Sum | PD | Port 1 | Port 2
(dBm/RBW) | (dBm/RBW) | (dBm/RBW) | (dBm/RBW)
-4.09 | -4.09 | -7.57 | -6.42

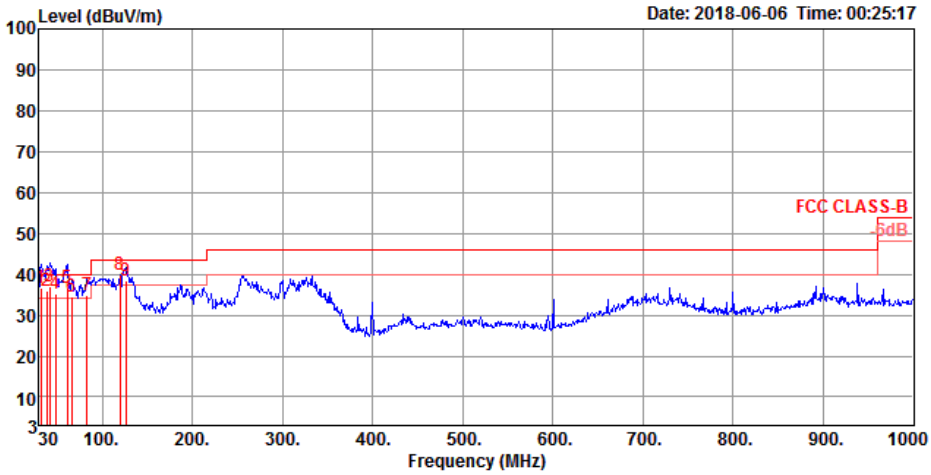
RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	39.70	35.80	40.00	-4.20	47.11	1.15	19.96	32.42	150	75	Peak	HORIZONTAL
2	60.07	32.80	40.00	-7.20	51.35	1.26	12.60	32.41	150	1	Peak	HORIZONTAL
3	126.03	37.72	43.50	-5.78	50.34	1.15	18.58	32.35	150	199	Peak	HORIZONTAL
4	257.95	37.29	46.00	-8.71	47.42	2.42	19.72	32.27	125	329	Peak	HORIZONTAL
5	299.66	38.01	46.00	-7.99	47.86	2.63	19.78	32.26	125	113	Peak	HORIZONTAL
6	937.92	39.90	46.00	-6.10	39.08	4.17	27.94	31.29	125	201	Peak	HORIZONTAL

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.)

RSE below 1GHz Result			
Operating Mode	3	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	31.94	36.53	40.00	-3.47	43.46	0.99	24.51	32.43	100	308	QP	VERTICAL
2	38.73	35.93	40.00	-4.07	46.72	1.12	20.51	32.42	100	359	QP	VERTICAL
3	41.64	36.90	40.00	-3.10	49.27	1.24	18.81	32.42	100	60	QP	VERTICAL
4	48.43	35.14	40.00	-4.86	50.68	1.42	15.46	32.42	100	34	QP	VERTICAL
5	61.04	36.54	40.00	-3.46	55.12	1.23	12.60	32.41	150	253	QP	VERTICAL
6	65.89	34.34	40.00	-5.66	53.04	1.10	12.60	32.40	125	265	QP	VERTICAL
7	83.35	34.85	40.00	-5.15	52.48	0.82	13.93	32.38	150	154	QP	VERTICAL
8	119.24	39.98	43.50	-3.52	52.52	1.13	18.68	32.35	100	308	Peak	VERTICAL
9	126.03	38.57	43.50	-4.93	51.19	1.15	18.58	32.35	100	359	QP	VERTICAL

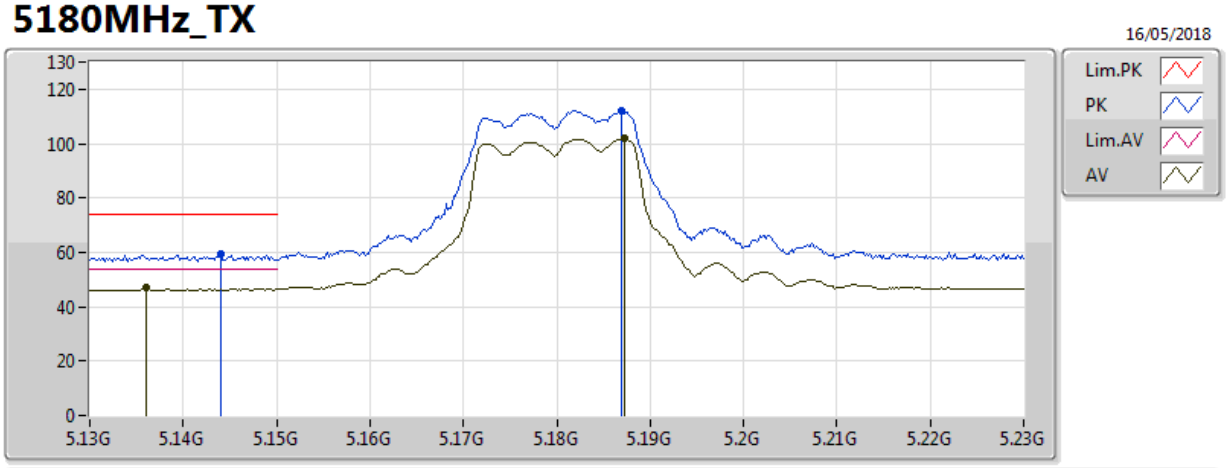
Note 1: “>20dB” means emission levels that exceed the level of 20 dB below the applicable limit.
Note 2: “N/F” means Nothing Found emissions (No emissions were detected.)

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_2TX	Pass	AV	5.149995G	53.98	54.00	-0.02	8.54	3	Vertical	14	1.94	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

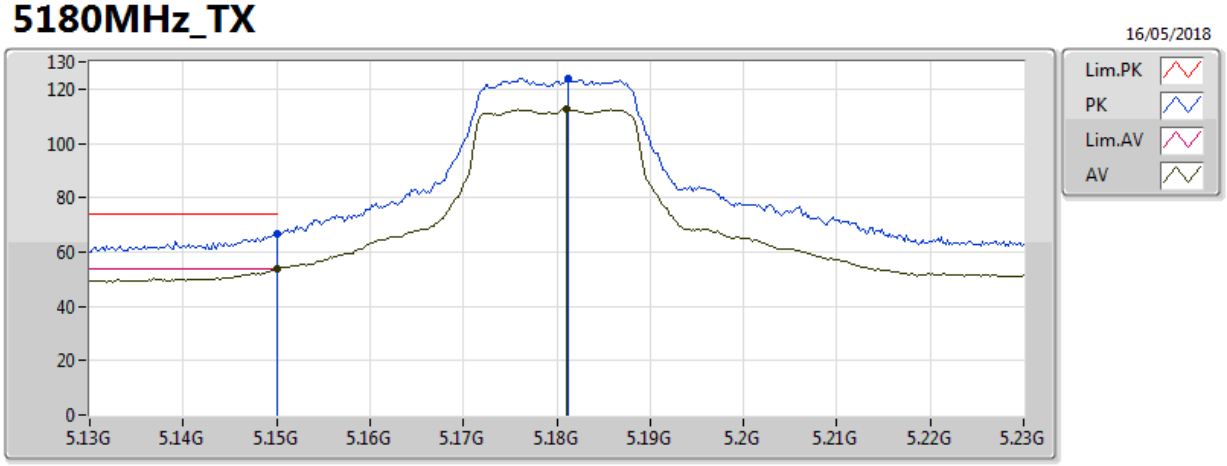


EUT X_2TX
Setting 19
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.144G	59.24	74.00	-14.76	8.54	3	Vertical	360	1.80	-
AV	5.136G	47.00	54.00	-7.00	8.53	3	Vertical	360	1.80	-
PK	5.187G	112.32	Inf	-Inf	8.62	3	Vertical	360	1.80	-
AV	5.1872G	102.04	Inf	-Inf	8.62	3	Vertical	360	1.80	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

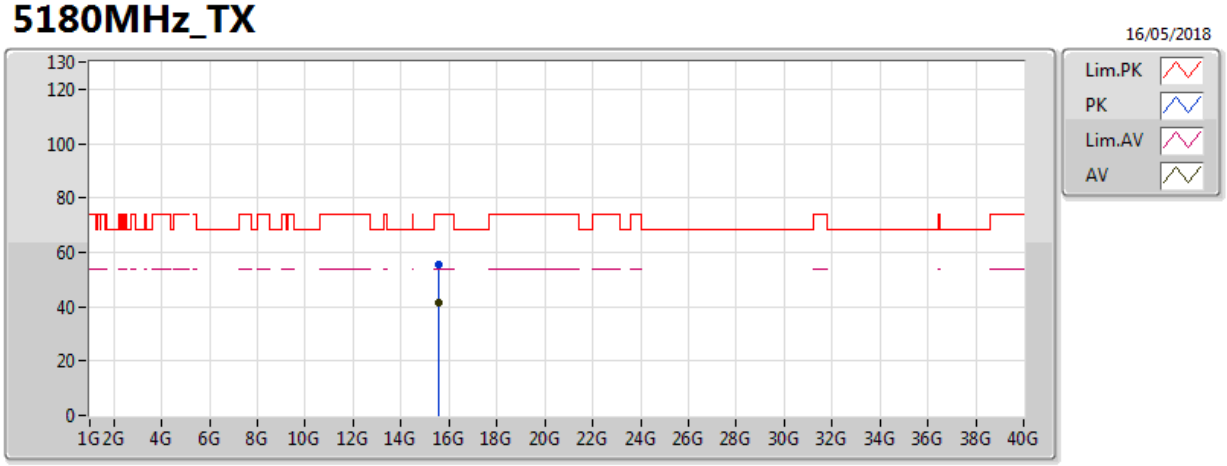


EUT X_2TX
Setting 19
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	66.88	74.00	-7.12	8.54	3	Horizontal	10	1.77	-
AV	5.149995G	53.58	54.00	-0.42	8.54	3	Horizontal	10	1.77	-
PK	5.1812G	124.05	Inf	-Inf	8.61	3	Horizontal	10	1.77	-
AV	5.181G	112.57	Inf	-Inf	8.61	3	Horizontal	10	1.77	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

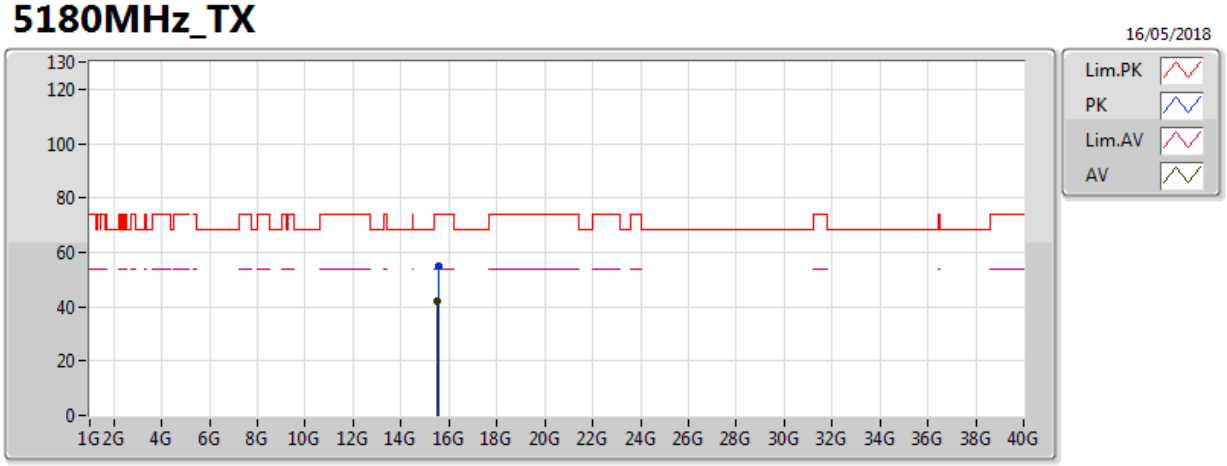


EUT X_2TX
Setting 19
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.54972G	55.48	74.00	-18.52	15.93	3	Vertical	182	2.13	-
AV	15.53864G	41.68	54.00	-12.32	15.95	3	Vertical	182	2.13	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

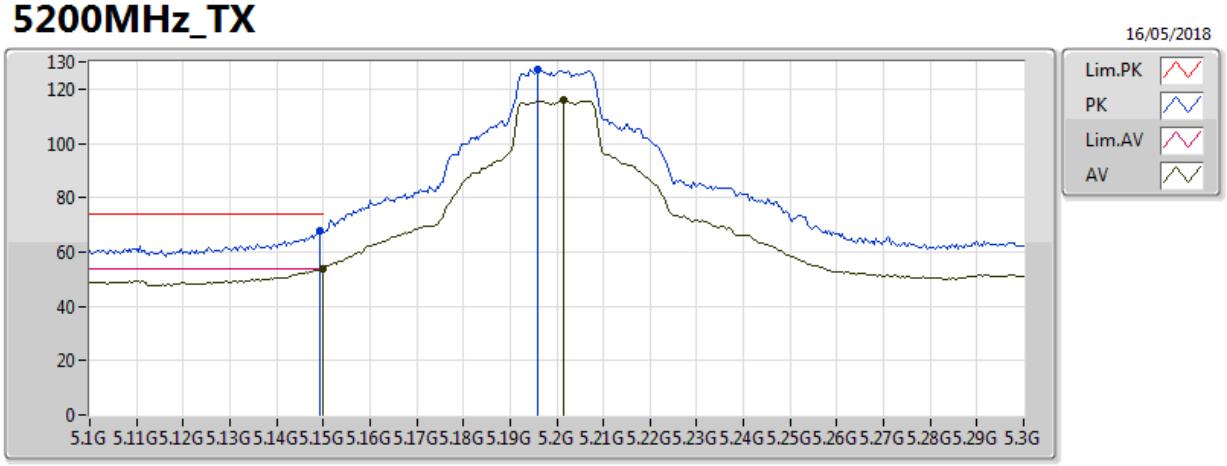


EUT X_2TX
Setting 19
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.54988G	55.10	74.00	-18.90	15.93	3	Horizontal	330	2.46	-
AV	15.53732G	41.79	54.00	-12.21	15.96	3	Horizontal	330	2.46	-

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

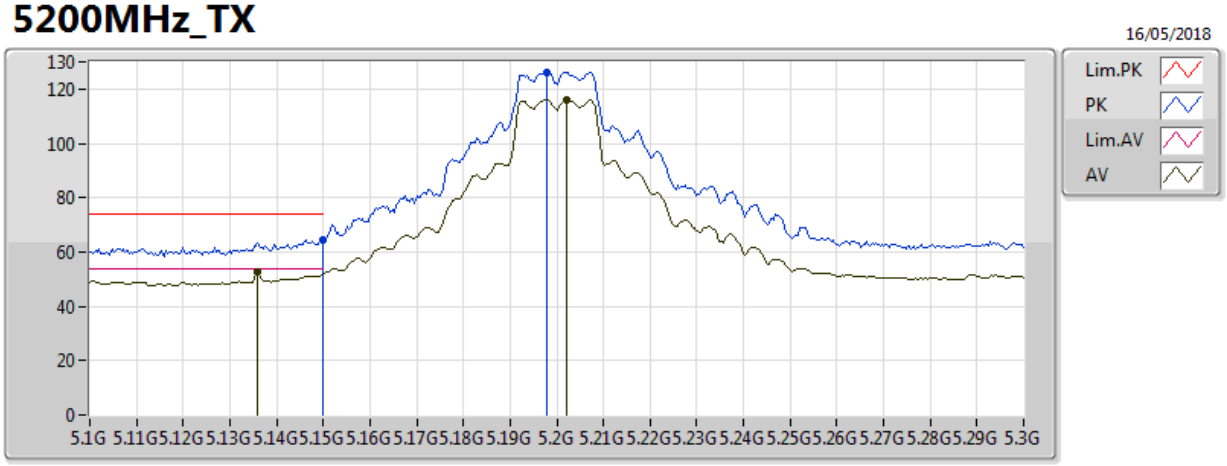


EUT X_2TX
Setting 23
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1492G	67.81	74.00	-6.19	8.55	3	Vertical	7	1.96	-
AV	5.149995G	53.97	54.00	-0.03	8.55	3	Vertical	7	1.96	-
PK	5.196G	127.02	Inf	-Inf	8.63	3	Vertical	7	1.96	-
AV	5.2016G	115.74	Inf	-Inf	8.64	3	Vertical	7	1.96	-

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

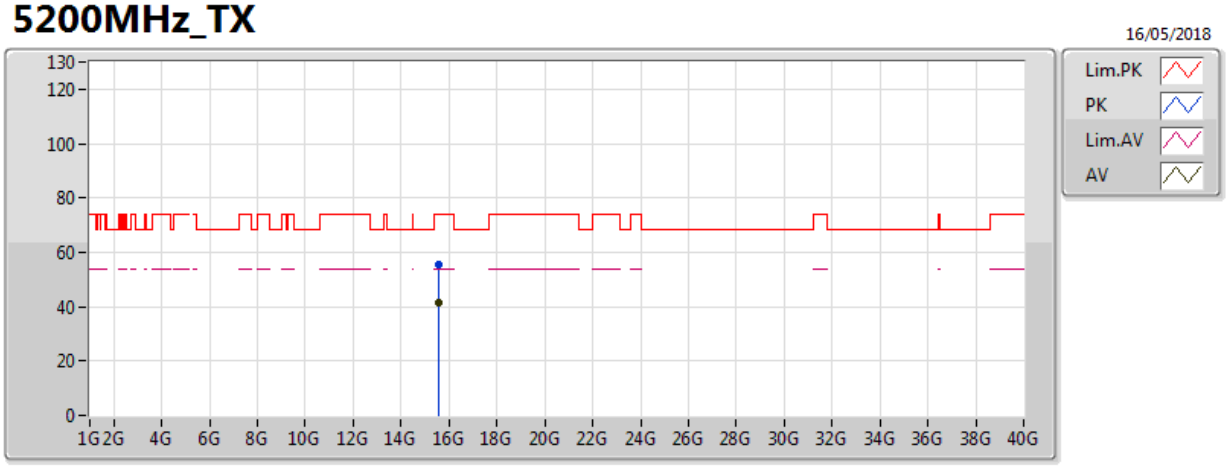


EUT X_2TX
Setting 23
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	64.56	74.00	-9.44	8.54	3	Horizontal	7	1.79	-
AV	5.136G	52.65	54.00	-1.35	8.53	3	Horizontal	7	1.79	-
PK	5.198G	126.19	Inf	-Inf	8.64	3	Horizontal	7	1.79	-
AV	5.202G	115.89	Inf	-Inf	8.64	3	Horizontal	7	1.79	-

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

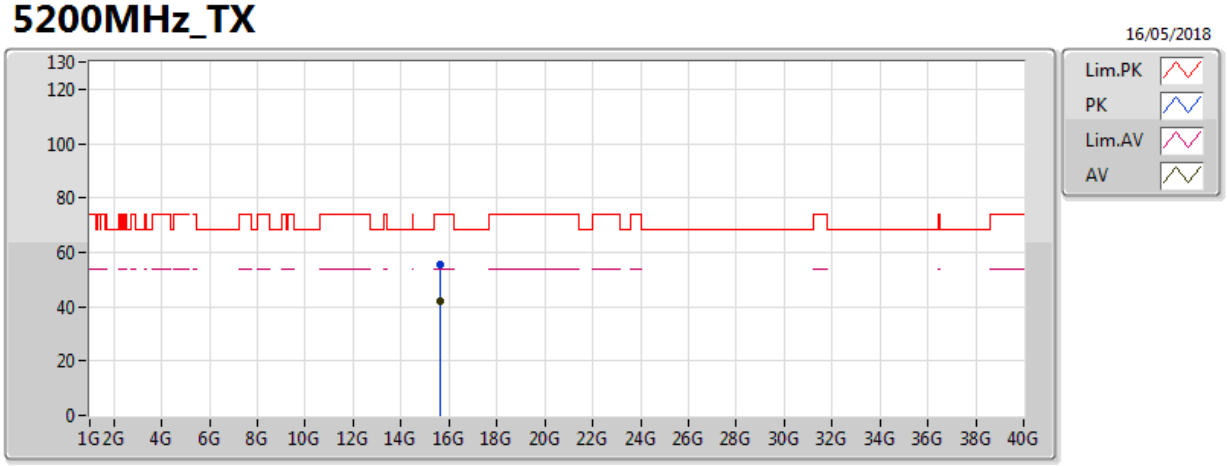


EUT X_2TX
Setting 23
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5994G	55.70	74.00	-18.30	15.80	3	Vertical	147	1.75	-
AV	15.58578G	41.65	54.00	-12.35	15.84	3	Vertical	147	1.75	-

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

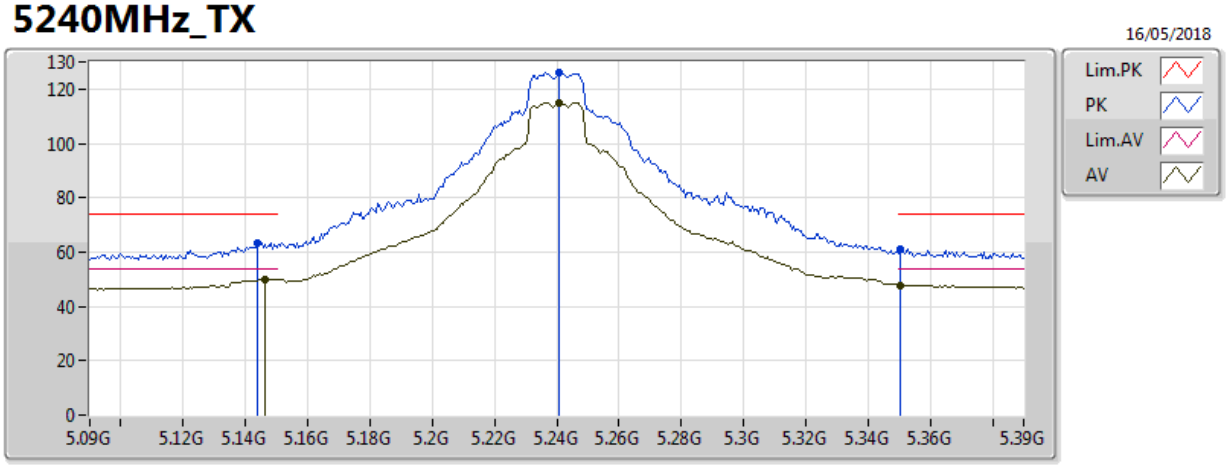


EUT X_2TX
Setting 23
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.60168G	55.44	74.00	-18.56	15.80	3	Horizontal	110	1.96	-
AV	15.60222G	42.18	54.00	-11.82	15.79	3	Horizontal	110	1.96	-

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

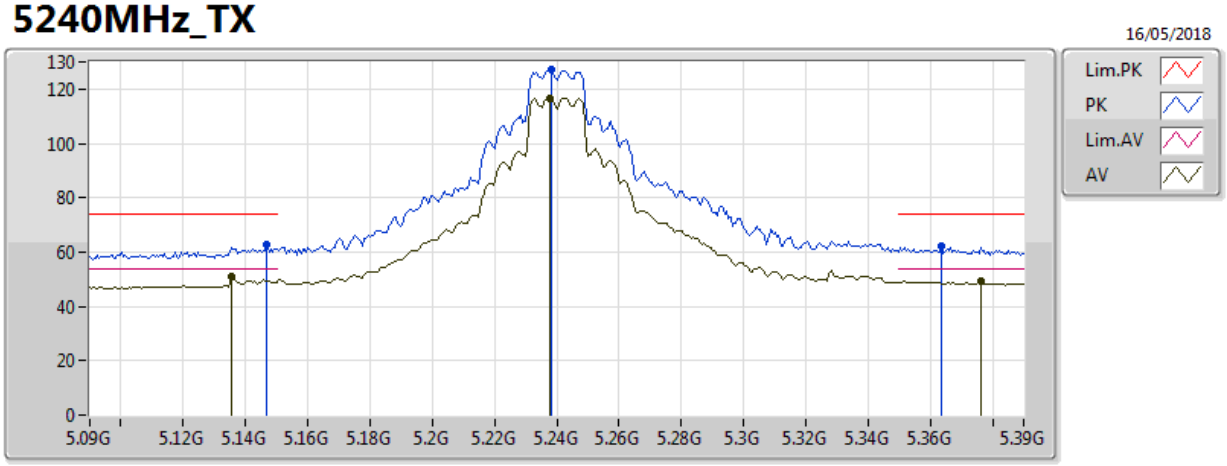


EUT X_2TX
Setting 24
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.144G	63.26	74.00	-10.74	8.54	3	Vertical	11	1.79	-
AV	5.1464G	50.02	54.00	-3.98	8.54	3	Vertical	11	1.79	-
PK	5.2406G	126.28	Inf	-Inf	8.69	3	Vertical	11	1.79	-
AV	5.2406G	115.04	Inf	-Inf	8.69	3	Vertical	11	1.79	-
PK	5.3504G	61.33	74.00	-12.67	8.84	3	Vertical	11	1.79	-
AV	5.3504G	47.90	54.00	-6.10	8.84	3	Vertical	11	1.79	-

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

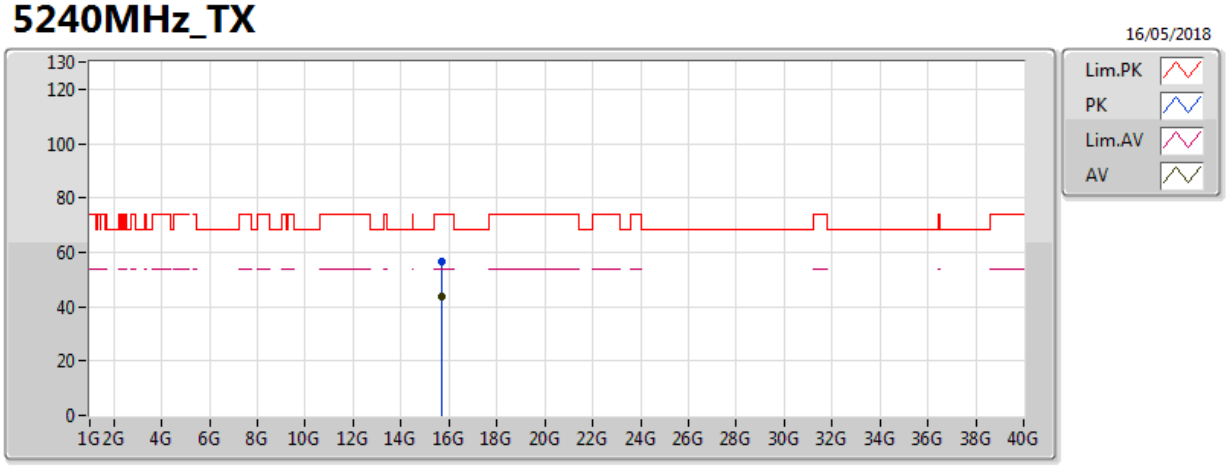


EUT X_2TX
Setting 24
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.147G	62.83	74.00	-11.17	8.54	3	Horizontal	12	1.84	-
AV	5.1356G	51.17	54.00	-2.83	8.53	3	Horizontal	12	1.84	-
PK	5.2382G	127.24	Inf	-Inf	8.69	3	Horizontal	12	1.84	-
AV	5.2376G	116.73	Inf	-Inf	8.69	3	Horizontal	12	1.84	-
PK	5.3636G	62.03	74.00	-11.97	8.85	3	Horizontal	12	1.84	-
AV	5.3762G	49.57	54.00	-4.43	8.86	3	Horizontal	12	1.84	-

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

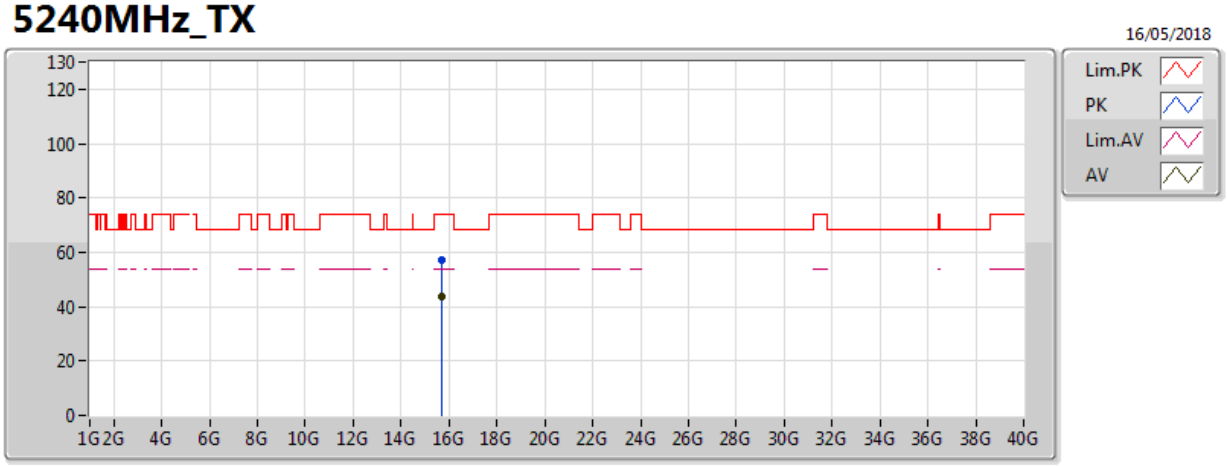


EUT X_2TX
Setting 24
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.71598G	56.58	74.00	-17.42	15.51	3	Vertical	136	2.08	-
AV	15.72054G	43.47	54.00	-10.53	15.50	3	Vertical	136	2.08	-

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

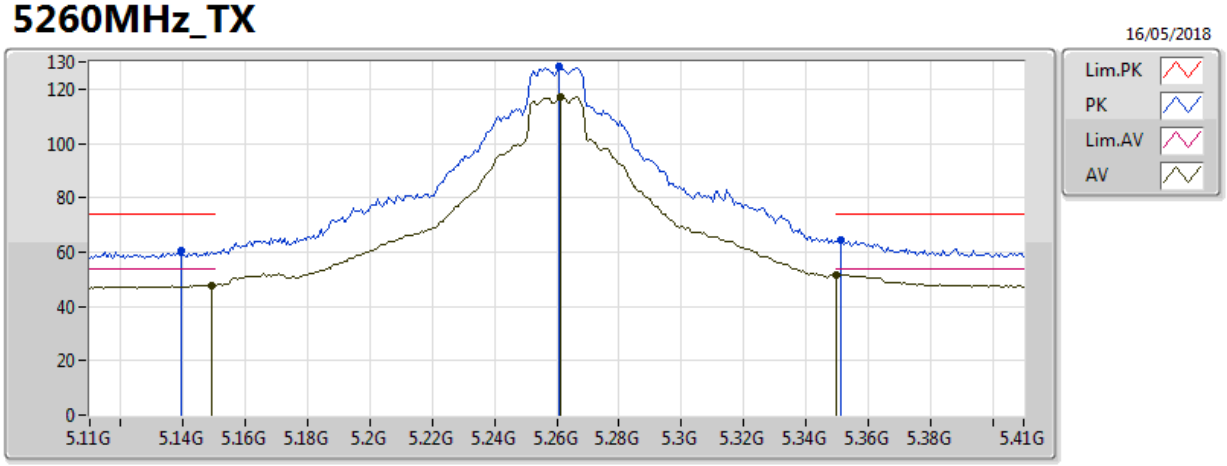


EUT X_2TX
Setting 23
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.72792G	57.34	74.00	-16.66	15.48	3	Horizontal	130	1.82	-
AV	15.71814G	43.87	54.00	-10.13	15.50	3	Horizontal	130	1.82	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

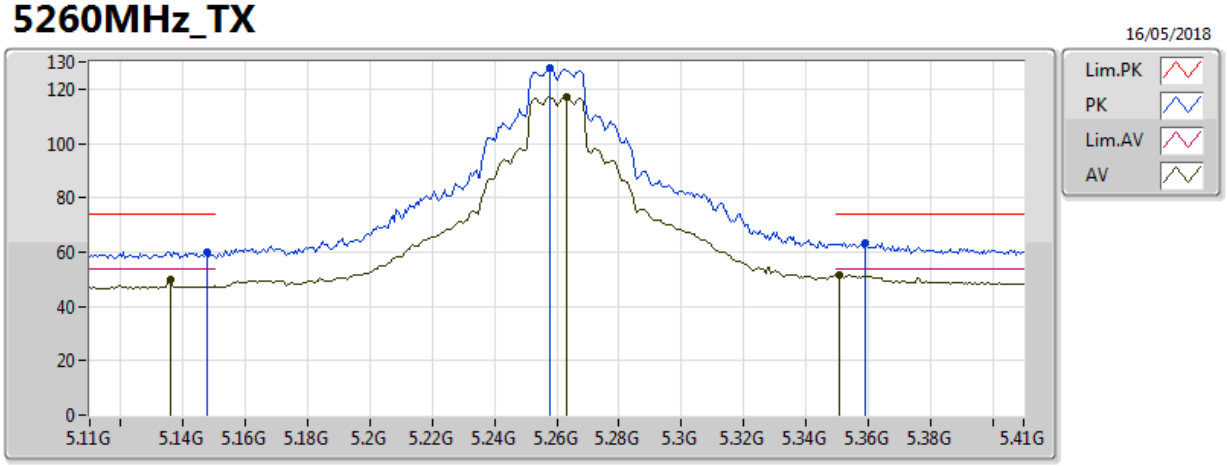


EUT X_2TX
Setting 24
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1394G	60.44	74.00	-13.56	8.53	3	Vertical	12	1.82	-
AV	5.149G	47.78	54.00	-6.22	8.54	3	Vertical	12	1.82	-
PK	5.2606G	128.08	Inf	-Inf	8.72	3	Vertical	12	1.82	-
AV	5.2612G	116.90	Inf	-Inf	8.72	3	Vertical	12	1.82	-
PK	5.3512G	64.39	74.00	-9.61	8.84	3	Vertical	12	1.82	-
AV	5.350005G	51.58	54.00	-2.42	8.84	3	Vertical	12	1.82	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

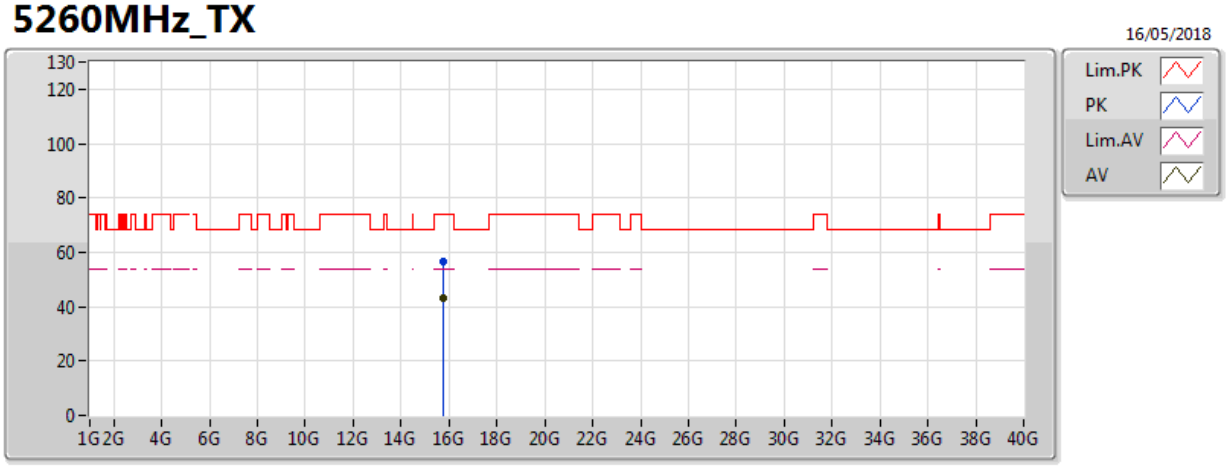


EUT X_2TX
Setting 24
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1478G	60.21	74.00	-13.79	8.54	3	Horizontal	13	1.89	-
AV	5.1358G	49.77	54.00	-4.23	8.53	3	Horizontal	13	1.89	-
PK	5.2576G	127.67	Inf	-Inf	8.71	3	Horizontal	13	1.89	-
AV	5.263G	116.94	Inf	-Inf	8.72	3	Horizontal	13	1.89	-
PK	5.359G	63.48	74.00	-10.52	8.84	3	Horizontal	13	1.89	-
AV	5.3506G	51.60	54.00	-2.40	8.84	3	Horizontal	13	1.89	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

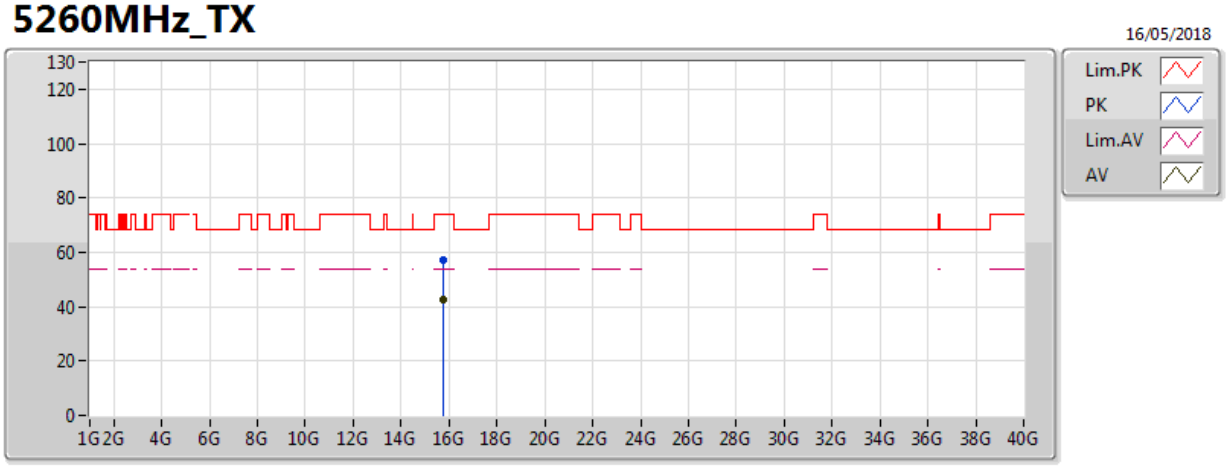


EUT X_2TX
Setting 24
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.77532G	56.79	74.00	-17.21	15.36	3	Vertical	130	1.53	-
AV	15.77766G	43.26	54.00	-10.74	15.36	3	Vertical	130	1.53	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

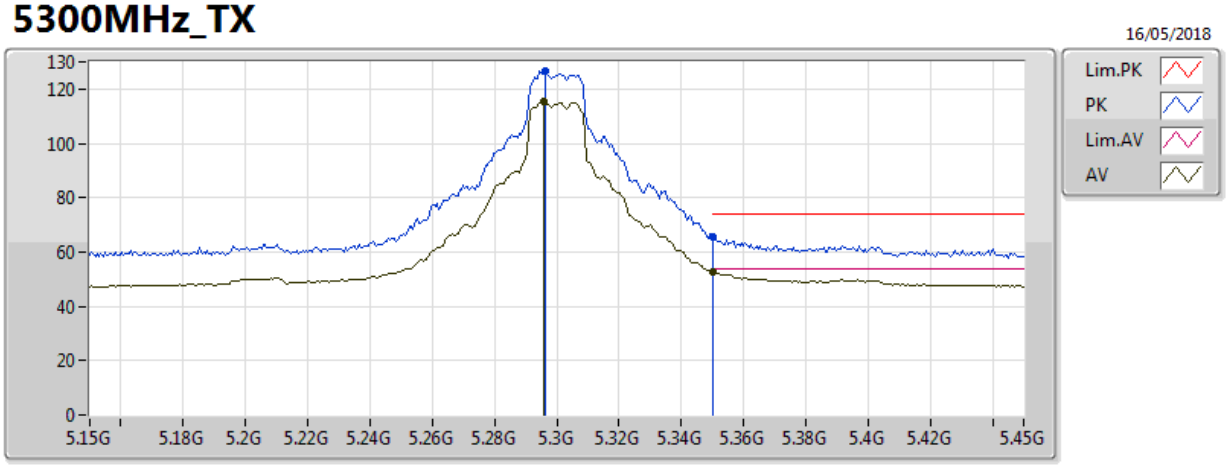


EUT X_2TX
Setting 24
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.77508G	57.31	74.00	-16.69	15.36	3	Horizontal	126	1.49	-
AV	15.78072G	42.76	54.00	-11.24	15.35	3	Horizontal	126	1.49	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

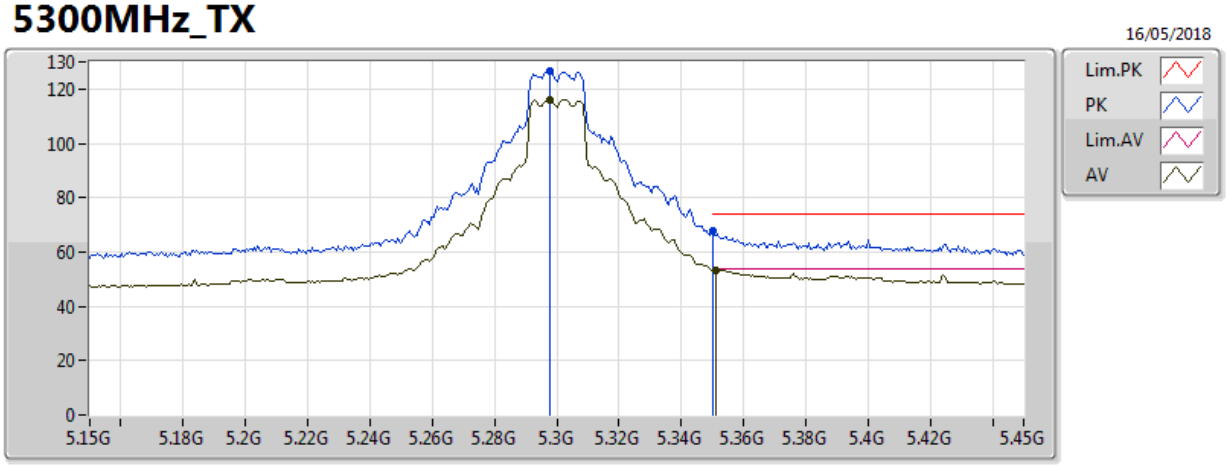


EUT X_2TX
Setting 22.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2964G	126.45	Inf	-Inf	8.77	3	Vertical	13	1.79	-
AV	5.2958G	115.35	Inf	-Inf	8.76	3	Vertical	13	1.79	-
PK	5.350005G	65.55	74.00	-8.45	8.84	3	Vertical	13	1.79	-
AV	5.350005G	52.84	54.00	-1.16	8.84	3	Vertical	13	1.79	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

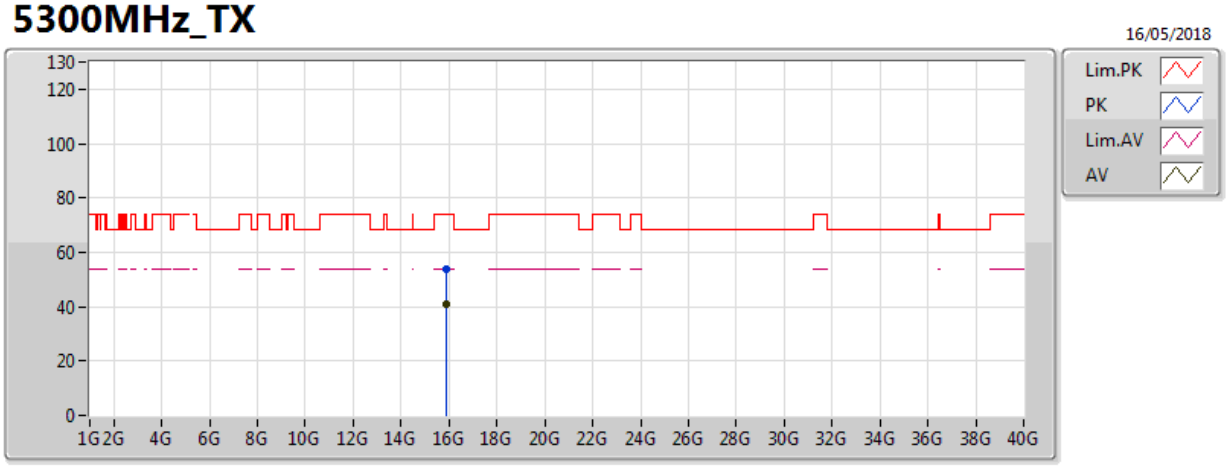


EUT X_2TX
Setting 22.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2976G	126.44	Inf	-Inf	8.77	3	Horizontal	13	1.87	-
AV	5.2976G	116.22	Inf	-Inf	8.77	3	Horizontal	13	1.87	-
PK	5.350005G	67.82	74.00	-6.18	8.84	3	Horizontal	13	1.87	-
AV	5.351G	53.51	54.00	-0.49	8.84	3	Horizontal	13	1.87	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

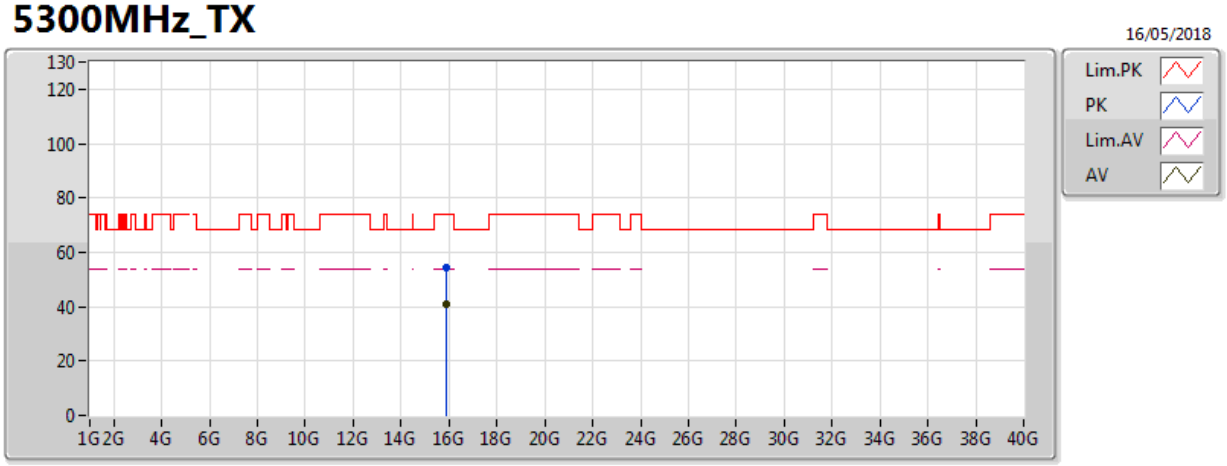


EUT X_2TX
Setting 22.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.885G	54.07	74.00	-19.93	15.09	3	Vertical	234	1.94	-
AV	15.90024G	41.05	54.00	-12.95	15.05	3	Vertical	234	1.94	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

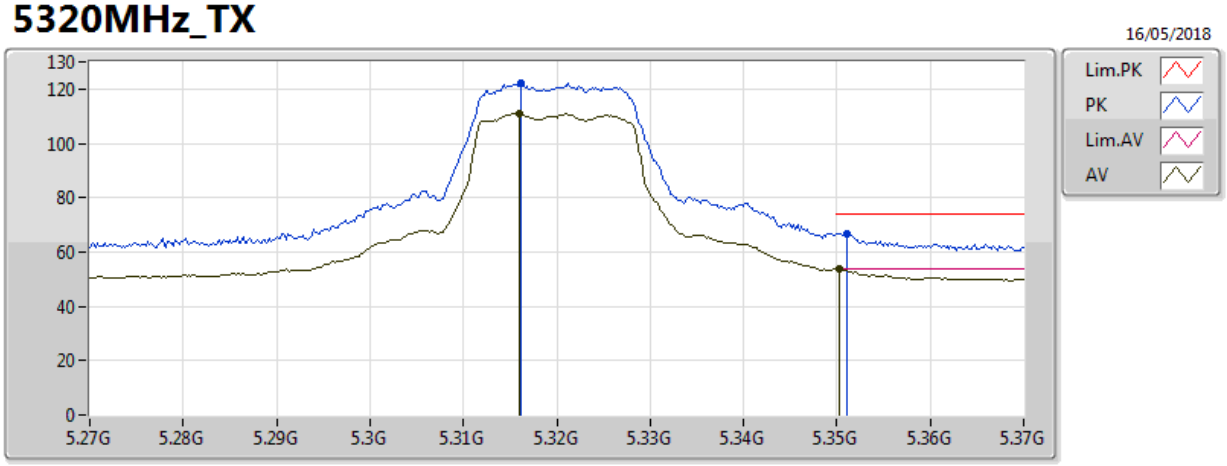


EUT X_2TX
Setting 22.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.91098G	54.63	74.00	-19.37	15.02	3	Horizontal	198	1.50	-
AV	15.90186G	41.02	54.00	-12.98	15.05	3	Horizontal	198	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

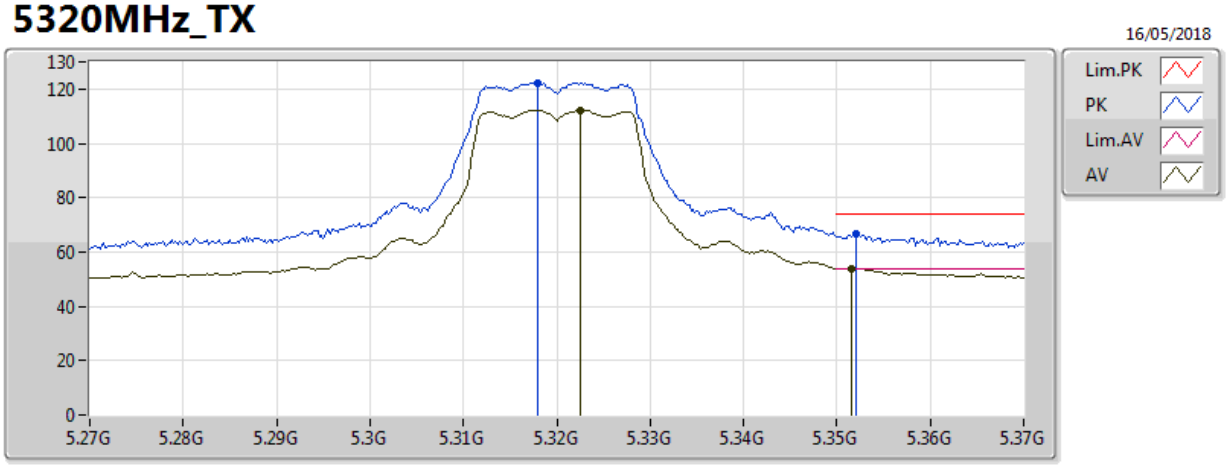


EUT X_2TX
Setting 18.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3162G	122.17	Inf	-Inf	8.79	3	Vertical	13	1.79	-
AV	5.316G	110.89	Inf	-Inf	8.79	3	Vertical	13	1.79	-
PK	5.351G	66.92	74.00	-7.08	8.84	3	Vertical	13	1.79	-
AV	5.3502G	53.61	54.00	-0.39	8.84	3	Vertical	13	1.79	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

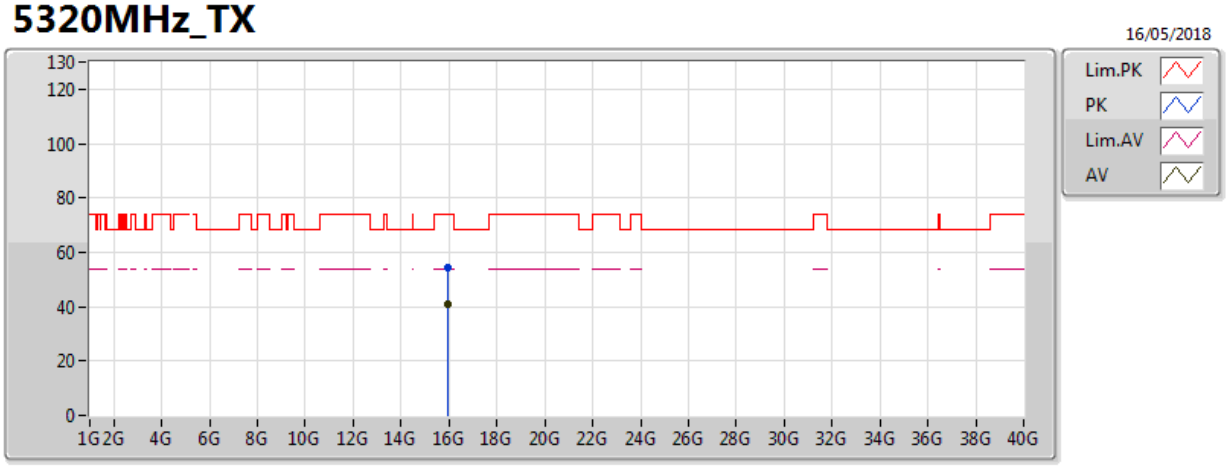


EUT X_2TX
Setting 18.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.318G	122.26	Inf	-Inf	8.79	3	Horizontal	14	1.80	-
AV	5.3226G	112.25	Inf	-Inf	8.80	3	Horizontal	14	1.80	-
PK	5.352G	66.74	74.00	-7.26	8.84	3	Horizontal	14	1.80	-
AV	5.3516G	53.85	54.00	-0.15	8.84	3	Horizontal	14	1.80	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

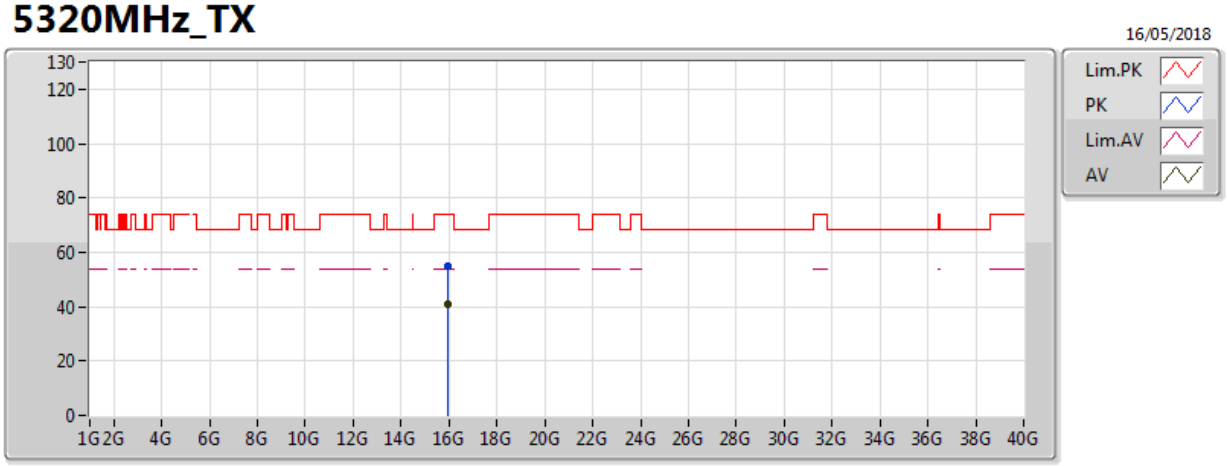


EUT X_2TX
Setting 18.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.97374G	54.28	74.00	-19.72	14.87	3	Vertical	175	1.50	-
AV	15.95958G	41.17	54.00	-12.83	14.90	3	Vertical	175	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

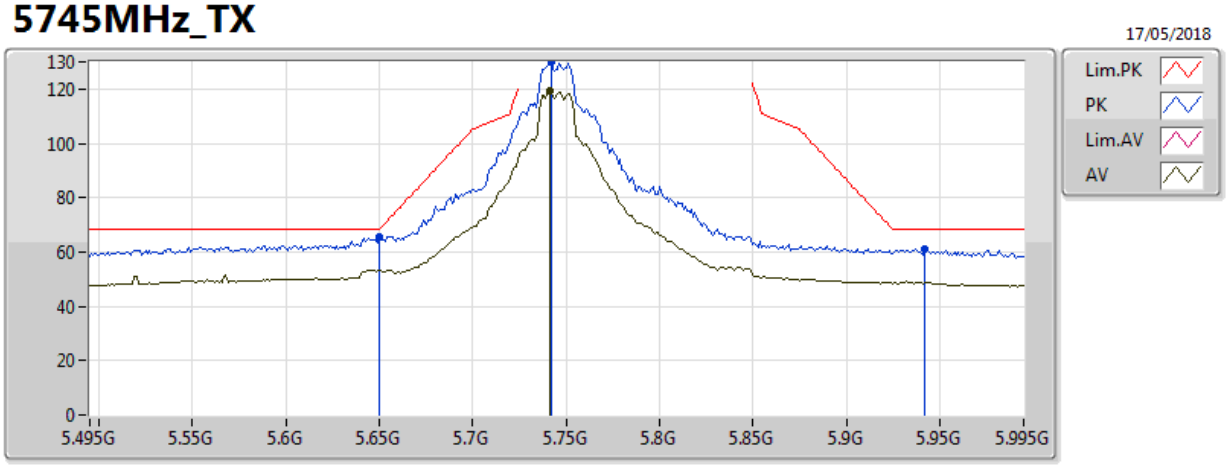


EUT X_2TX
Setting 18.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.9627G	54.98	74.00	-19.02	14.89	3	Horizontal	220	1.49	-
AV	15.95886G	41.04	54.00	-12.96	14.90	3	Horizontal	220	1.49	-

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

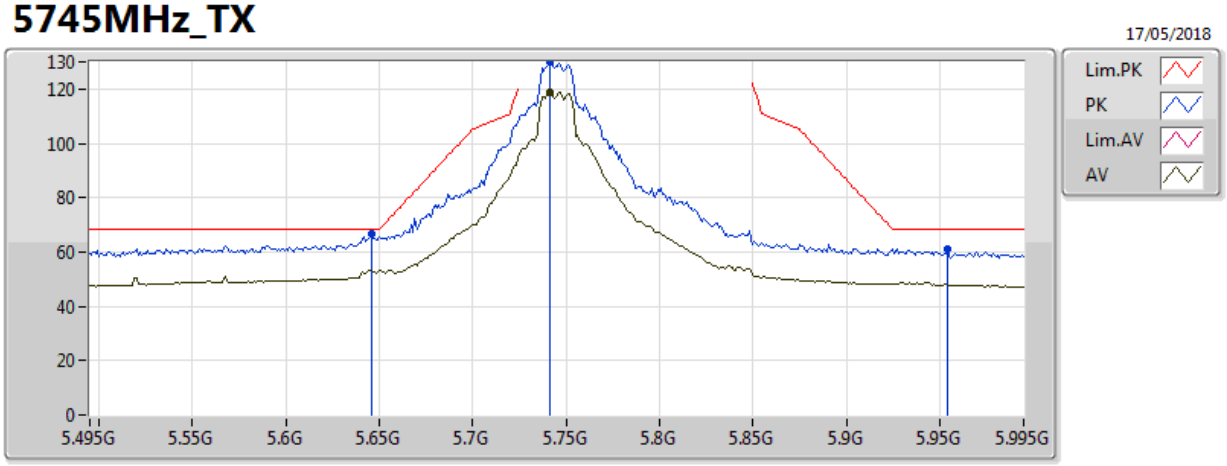


EUT X_2TX
Setting 23
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.65G	65.53	68.20	-2.67	9.20	3	Vertical	360	1.61	-
PK	5.742G	129.96	Inf	-Inf	9.22	3	Vertical	360	1.61	-
AV	5.741G	119.15	Inf	-Inf	9.22	3	Vertical	360	1.61	-
PK	5.942G	61.24	68.20	-6.96	9.35	3	Vertical	360	1.61	-

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

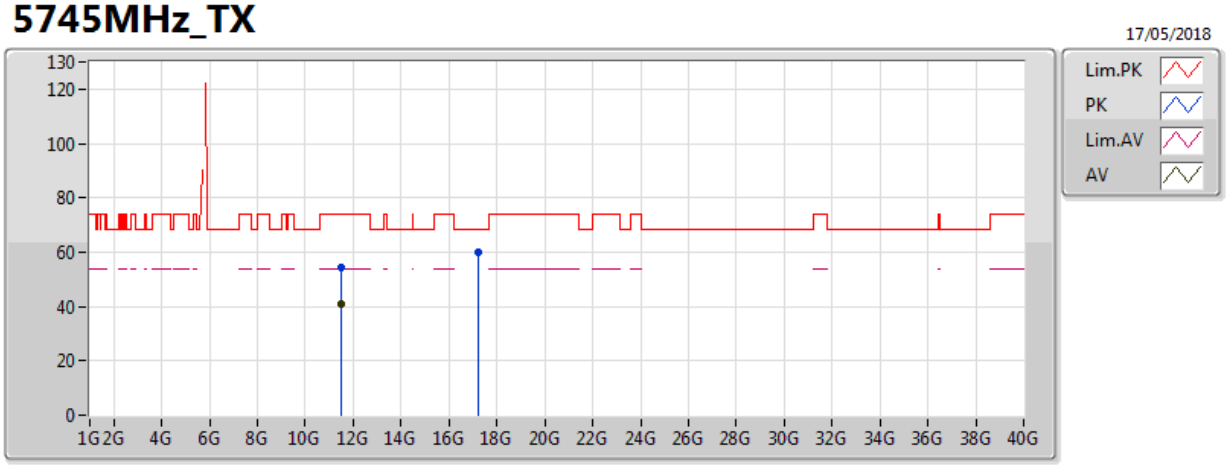


EUT X_2TX
Setting 23
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.646G	66.77	68.20	-1.43	9.20	3	Horizontal	359	1.65	-
PK	5.741G	129.97	Inf	-Inf	9.22	3	Horizontal	359	1.65	-
AV	5.741G	118.99	Inf	-Inf	9.22	3	Horizontal	359	1.65	-
PK	5.954G	61.08	68.20	-7.12	9.36	3	Horizontal	359	1.65	-

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

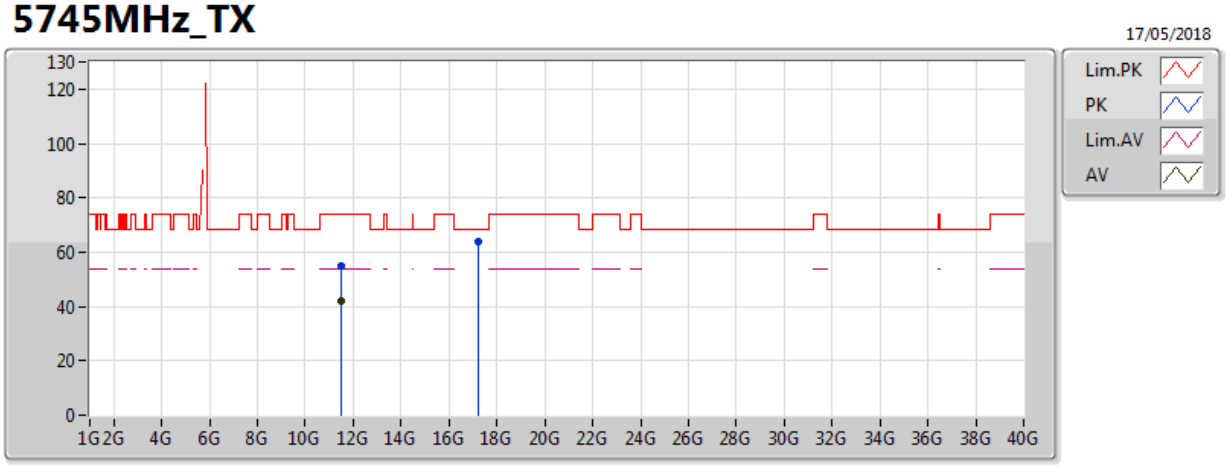


EUT X_2TX
Setting 23
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.49948G	54.46	74.00	-19.54	14.61	3	Vertical	45	1.37	-
AV	11.482G	40.72	54.00	-13.28	14.59	3	Vertical	45	1.37	-
PK	17.23988G	60.00	68.20	-8.20	20.43	3	Vertical	189	1.49	-

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

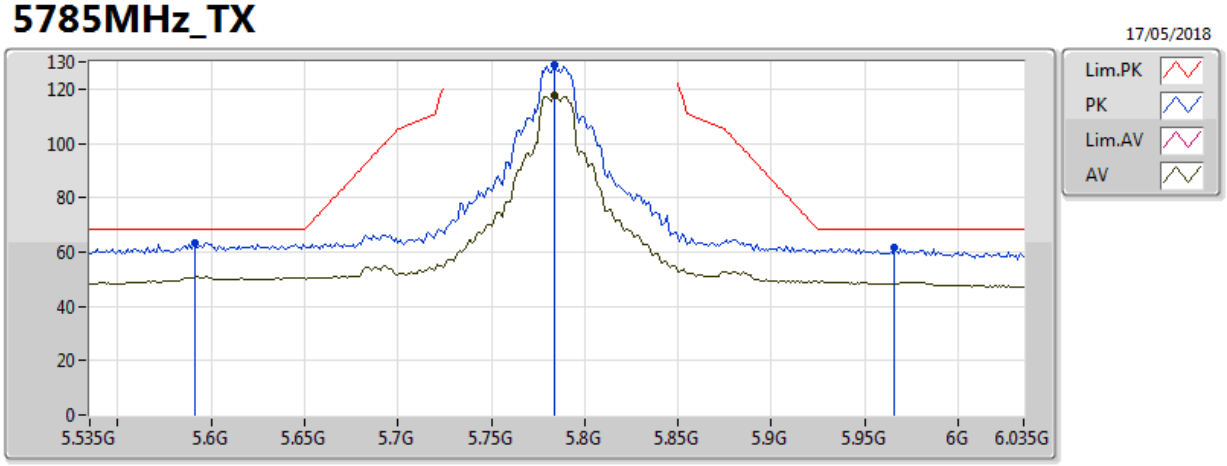


EUT X_2TX
Setting 23
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48852G	55.17	74.00	-18.83	14.60	3	Horizontal	71	1.53	-
AV	11.48768G	42.22	54.00	-11.78	14.60	3	Horizontal	71	1.53	-
PK	17.22816G	64.01	68.20	-4.19	20.36	3	Horizontal	235	1.47	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

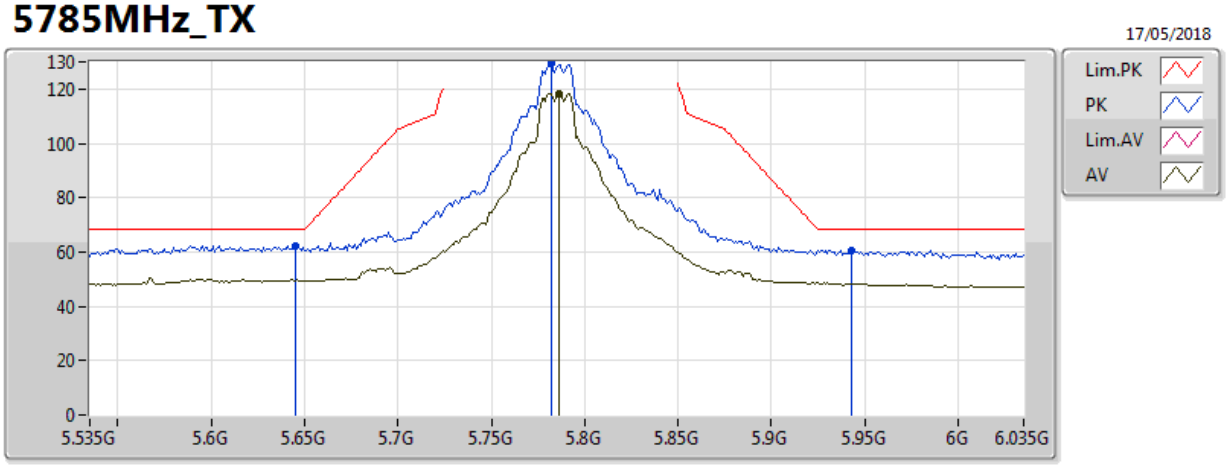


EUT X_2TX
Setting 23
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.591G	63.53	68.20	-4.67	9.18	3	Vertical	359	1.59	-
PK	5.784G	128.60	Inf	-Inf	9.24	3	Vertical	359	1.59	-
AV	5.784G	117.49	Inf	-Inf	9.24	3	Vertical	359	1.59	-
PK	5.966G	61.75	68.20	-6.45	9.37	3	Vertical	359	1.59	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

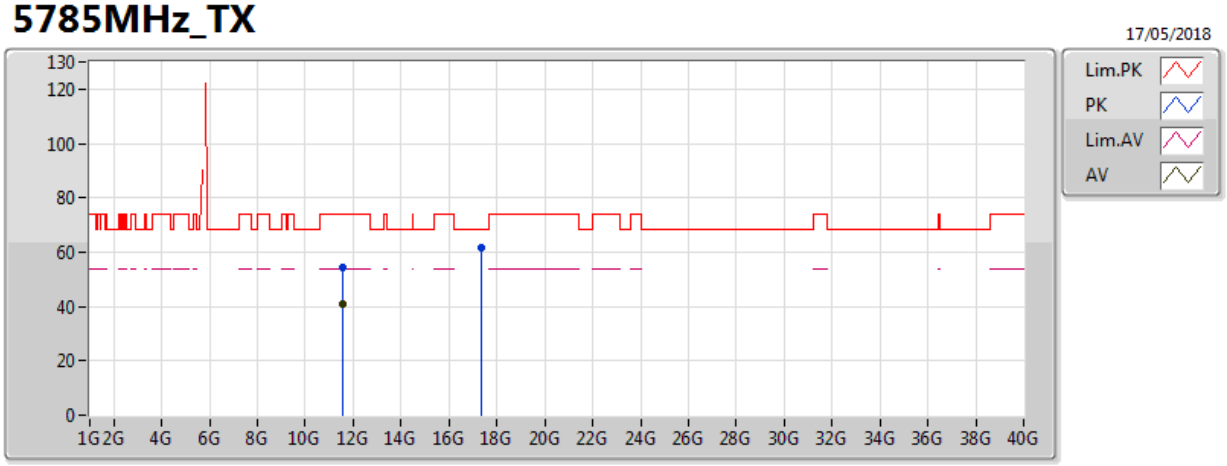


EUT X_2TX
Setting 23
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.645G	62.29	68.20	-5.91	9.20	3	Horizontal	358	1.58	-
PK	5.782G	129.45	Inf	-Inf	9.23	3	Horizontal	358	1.58	-
AV	5.786G	118.29	Inf	-Inf	9.24	3	Horizontal	358	1.58	-
PK	5.943G	60.66	68.20	-7.54	9.35	3	Horizontal	358	1.58	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

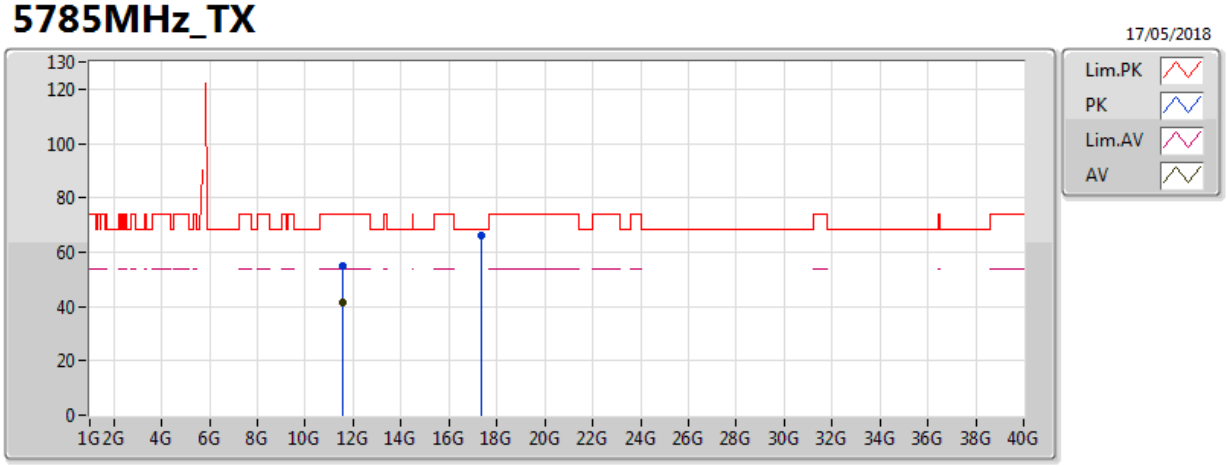


EUT X_2TX
Setting 23
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.56952G	54.52	74.00	-19.48	14.69	3	Vertical	148	1.76	-
AV	11.572G	40.72	54.00	-13.28	14.69	3	Vertical	148	1.76	-
PK	17.3534G	61.57	68.20	-6.63	21.10	3	Vertical	234	1.49	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

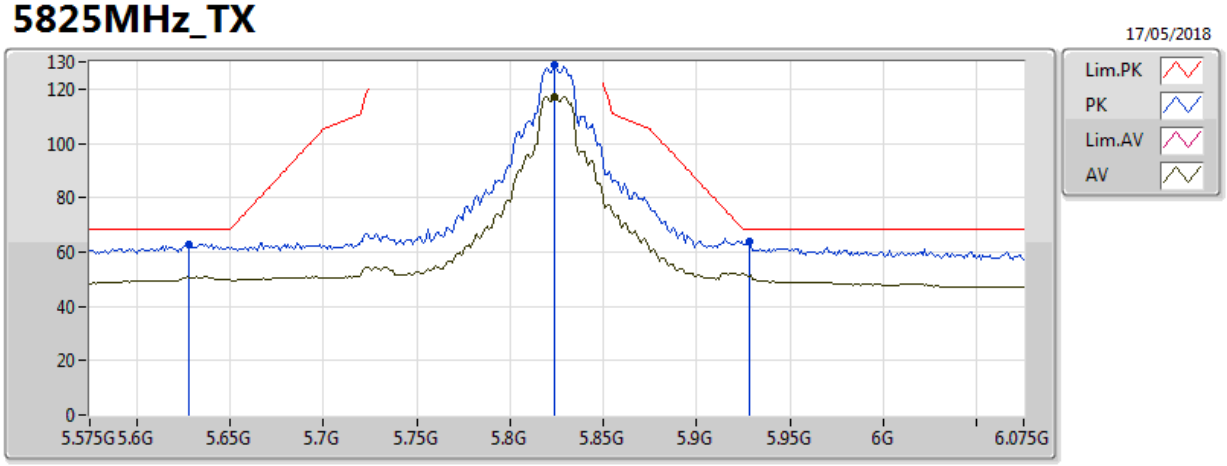


EUT X_2TX
Setting 23
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57088G	54.89	74.00	-19.11	14.69	3	Horizontal	73	1.66	-
AV	11.5692G	41.40	54.00	-12.60	14.69	3	Horizontal	73	1.66	-
PK	17.34972G	66.22	68.20	-1.98	21.08	3	Horizontal	236	1.44	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

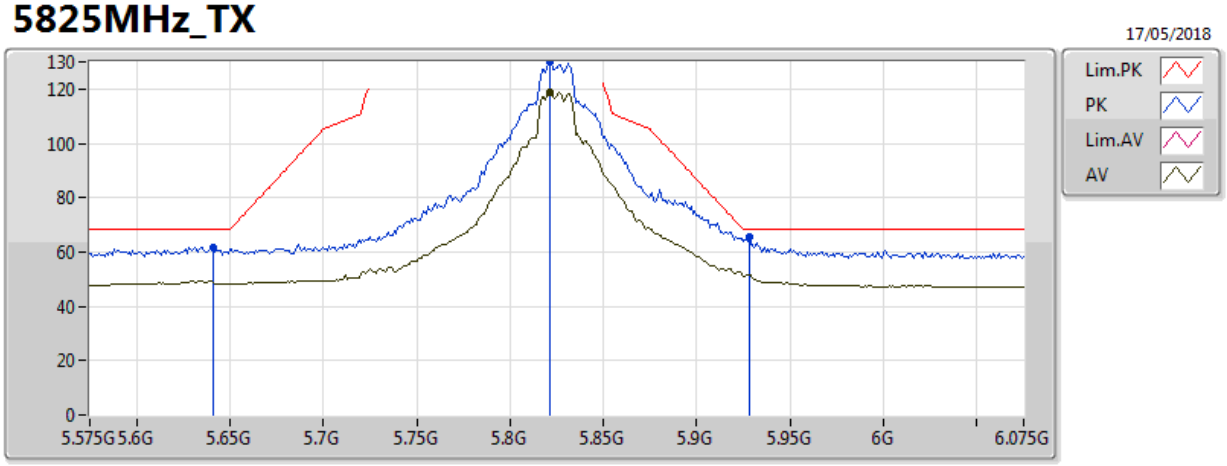


EUT X_2TX
Setting 23.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.628G	62.89	68.20	-5.31	9.20	3	Vertical	360	1.59	-
PK	5.824G	128.91	Inf	-Inf	9.26	3	Vertical	360	1.59	-
AV	5.824G	117.13	Inf	-Inf	9.26	3	Vertical	360	1.59	-
PK	5.928G	63.92	68.20	-4.28	9.35	3	Vertical	360	1.59	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

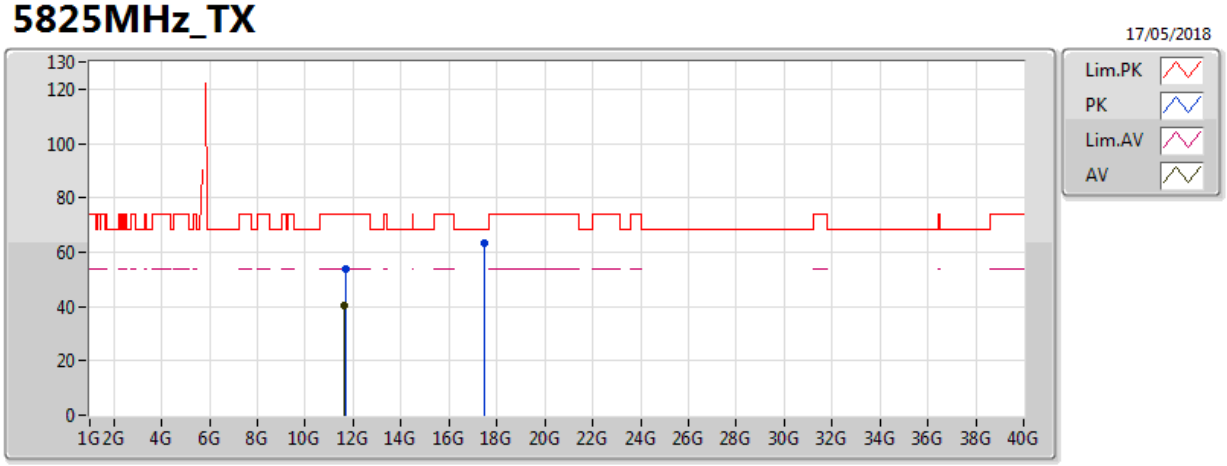


EUT X_2TX
Setting 23.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.641G	61.71	68.20	-6.49	9.20	3	Horizontal	356	1.59	-
PK	5.821G	130.05	Inf	-Inf	9.26	3	Horizontal	356	1.59	-
AV	5.821G	118.63	Inf	-Inf	9.26	3	Horizontal	356	1.59	-
PK	5.928G	65.80	68.20	-2.40	9.35	3	Horizontal	356	1.59	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

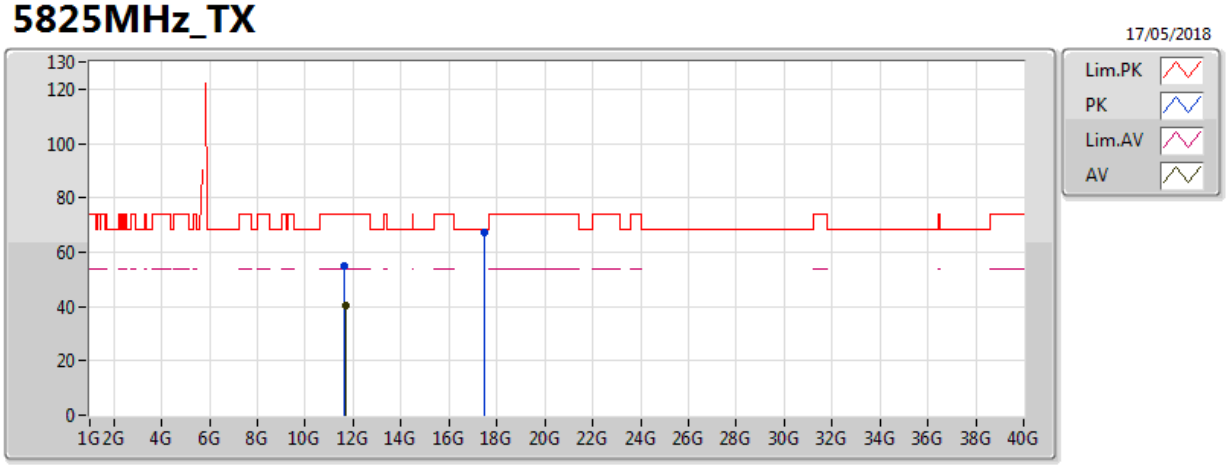


EUT X_2TX
Setting 23.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.65804G	53.71	74.00	-20.29	14.80	3	Vertical	12	1.50	-
AV	11.6554G	40.48	54.00	-13.52	14.79	3	Vertical	12	1.50	-
PK	17.47684G	63.32	68.20	-4.88	21.82	3	Vertical	190	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

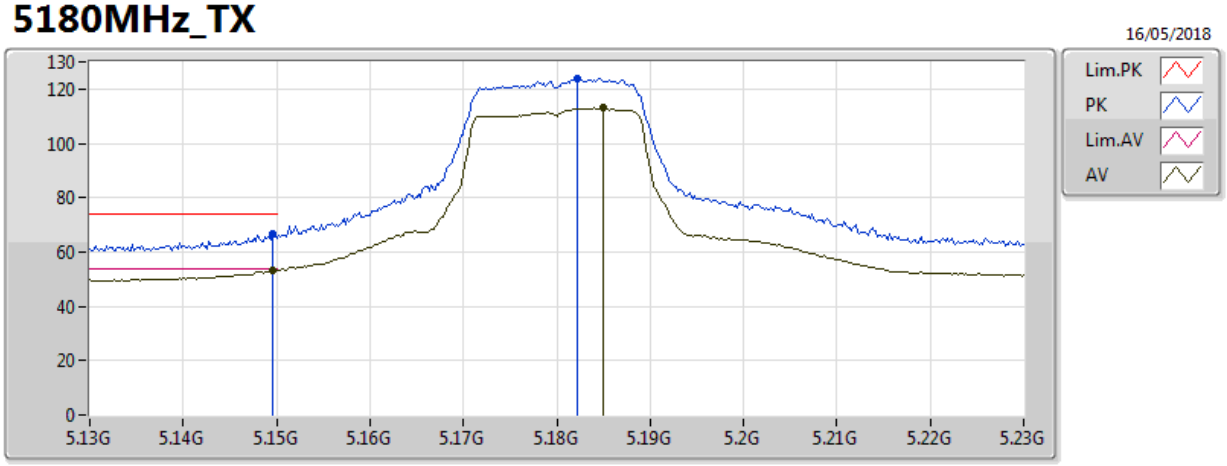


EUT X_2TX
Setting 23.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.65464G	54.82	74.00	-19.18	14.79	3	Horizontal	61	1.67	-
AV	11.65676G	40.52	54.00	-13.48	14.79	3	Horizontal	61	1.67	-
PK	17.4696G	67.14	68.20	-1.06	21.78	3	Horizontal	238	1.48	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

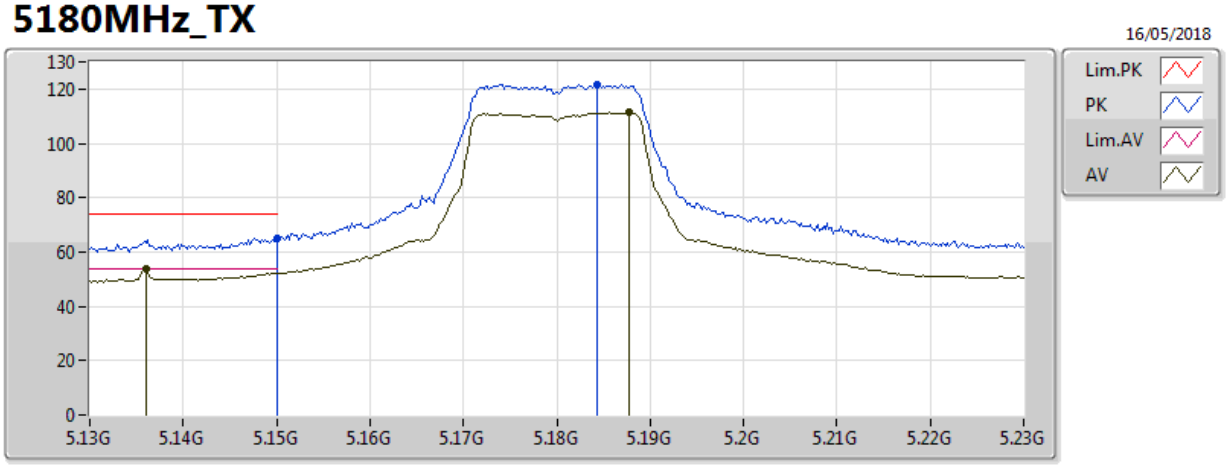


EUT X_2TX
Setting 19
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1496G	66.60	74.00	-7.40	8.54	3	Vertical	14	1.81	-
AV	5.1496G	53.28	54.00	-0.72	8.54	3	Vertical	14	1.81	-
PK	5.1822G	123.67	Inf	-Inf	8.61	3	Vertical	14	1.81	-
AV	5.185G	113.00	Inf	-Inf	8.61	3	Vertical	14	1.81	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

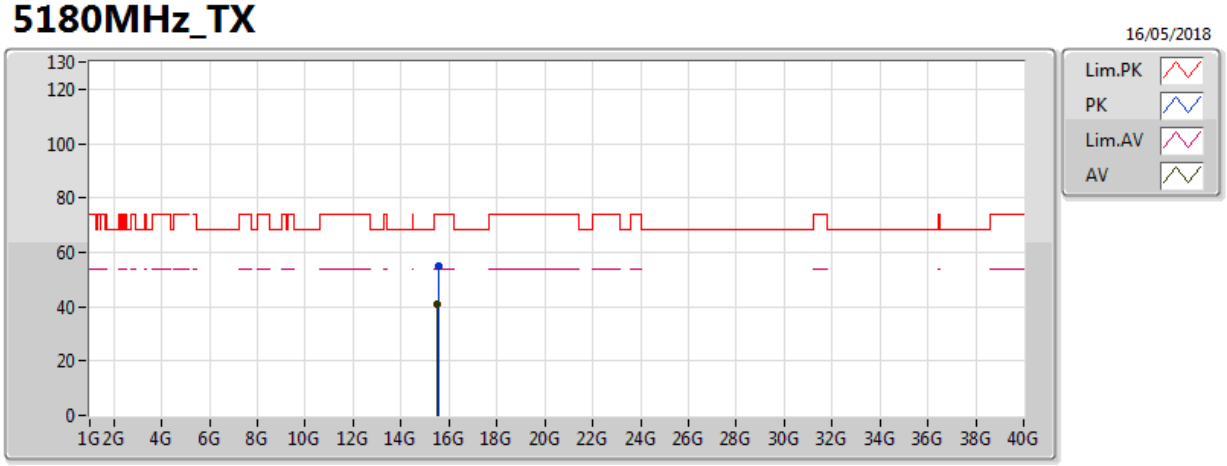


EUT X_2TX
Setting 19
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	65.21	74.00	-8.79	8.54	3	Horizontal	11	1.77	-
AV	5.136G	53.67	54.00	-0.33	8.53	3	Horizontal	11	1.77	-
PK	5.1844G	121.62	Inf	-Inf	8.61	3	Horizontal	11	1.77	-
AV	5.1878G	111.31	Inf	-Inf	8.62	3	Horizontal	11	1.77	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

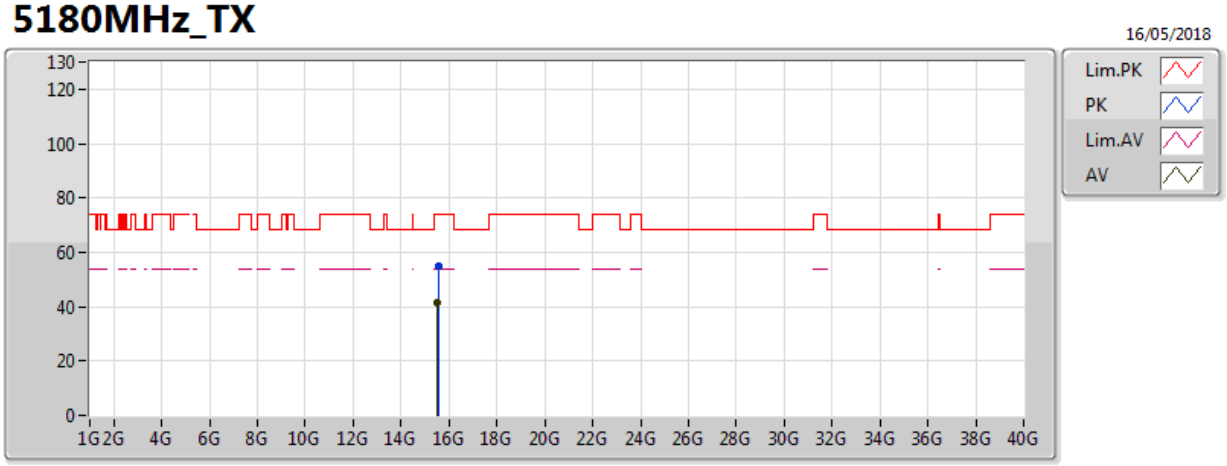


EUT X_2TX
Setting 19
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.55152G	55.06	74.00	-18.94	15.92	3	Vertical	200	1.14	-
AV	15.52932G	41.10	54.00	-12.90	15.98	3	Vertical	200	1.14	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

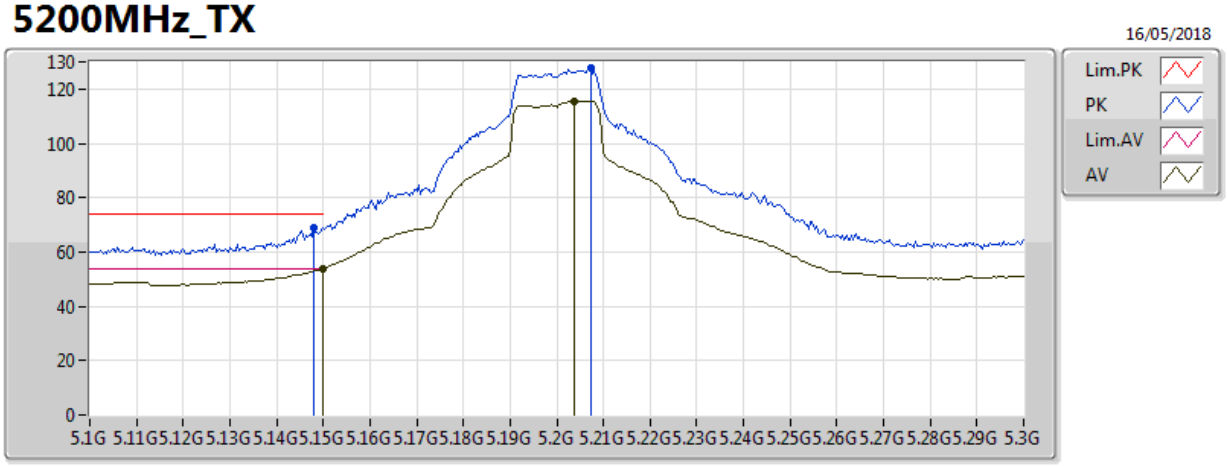


EUT X_2TX
Setting 19
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.55134G	55.19	74.00	-18.81	15.92	3	Horizontal	1	1.61	-
AV	15.531G	41.26	54.00	-12.74	15.97	3	Horizontal	1	1.61	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

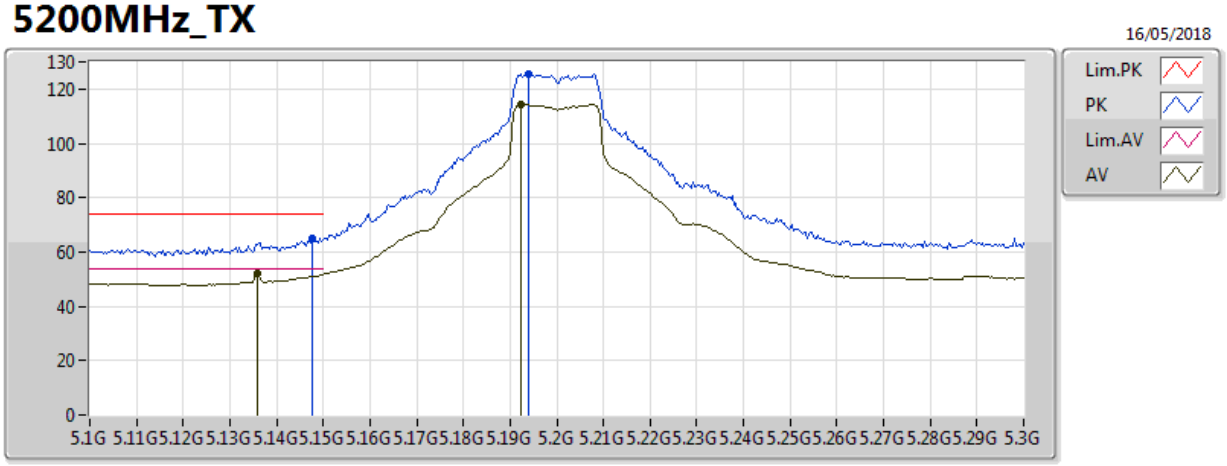


EUT X_2TX
Setting 23
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.148G	68.74	74.00	-5.26	8.54	3	Vertical	14	1.94	-
AV	5.149995G	53.98	54.00	-0.02	8.54	3	Vertical	14	1.94	-
PK	5.2072G	127.56	Inf	-Inf	8.65	3	Vertical	14	1.94	-
AV	5.2036G	115.62	Inf	-Inf	8.64	3	Vertical	14	1.94	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

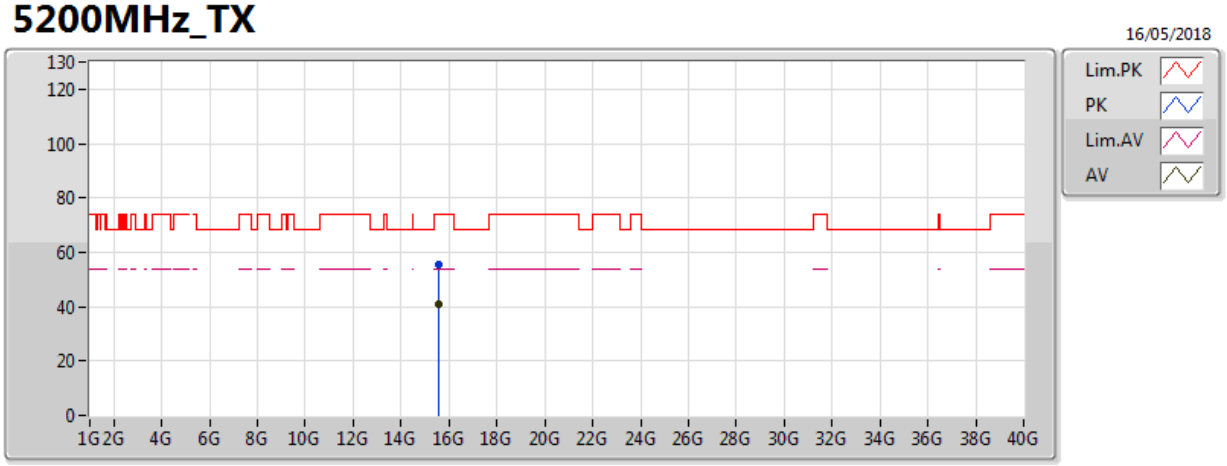


EUT X_2TX
Setting 23
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1476G	65.27	74.00	-8.73	8.54	3	Horizontal	13	1.83	-
AV	5.136G	52.30	54.00	-1.70	8.53	3	Horizontal	13	1.83	-
PK	5.194G	125.77	Inf	-Inf	8.63	3	Horizontal	13	1.83	-
AV	5.1924G	114.25	Inf	-Inf	8.63	3	Horizontal	13	1.83	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

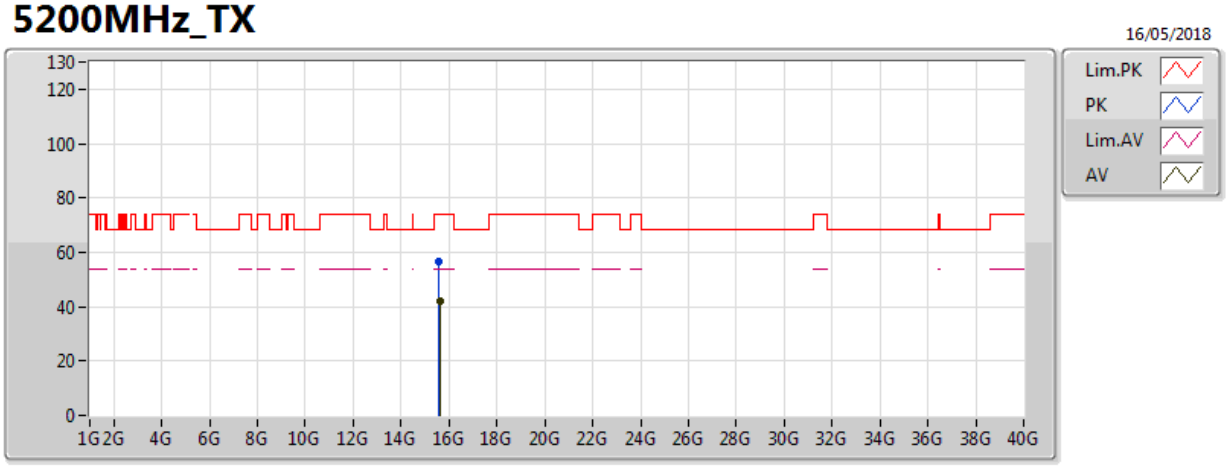


EUT X_2TX
Setting 23
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.59802G	55.42	74.00	-18.58	15.80	3	Vertical	116	1.61	-
AV	15.59412G	40.90	54.00	-13.10	15.81	3	Vertical	116	1.61	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

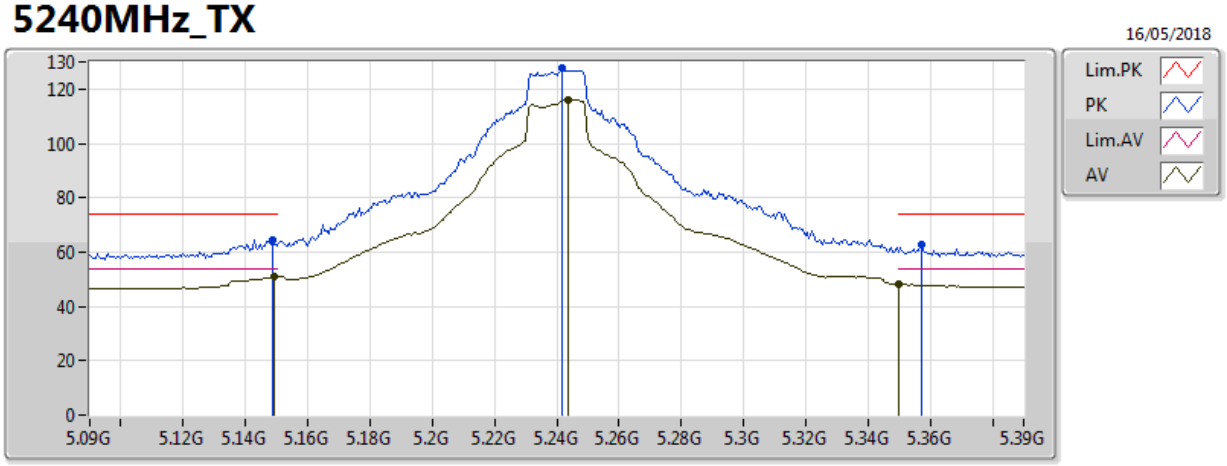


EUT X_2TX
Setting 23
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.59748G	56.39	74.00	-17.61	15.81	3	Horizontal	129	1.50	-
AV	15.60174G	42.07	54.00	-11.93	15.80	3	Horizontal	129	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

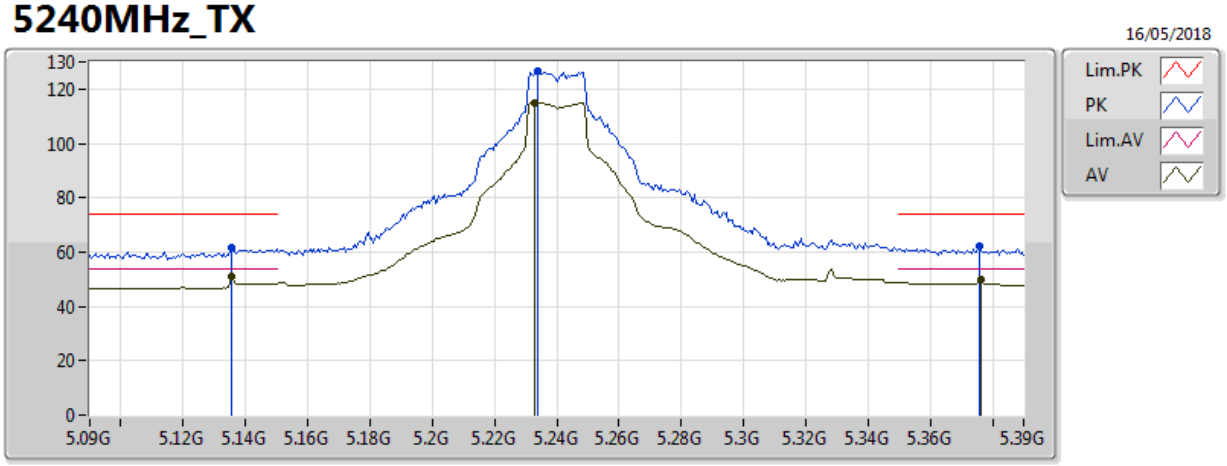


EUT X_2TX
Setting 24
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1488G	64.50	74.00	-9.50	8.54	3	Vertical	13	1.83	-
AV	5.1494G	50.77	54.00	-3.23	8.54	3	Vertical	13	1.83	-
PK	5.2418G	127.53	Inf	-Inf	8.69	3	Vertical	13	1.83	-
AV	5.2436G	116.18	Inf	-Inf	8.70	3	Vertical	13	1.83	-
PK	5.357G	62.49	74.00	-11.51	8.84	3	Vertical	13	1.83	-
AV	5.350005G	48.18	54.00	-5.82	8.84	3	Vertical	13	1.83	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX



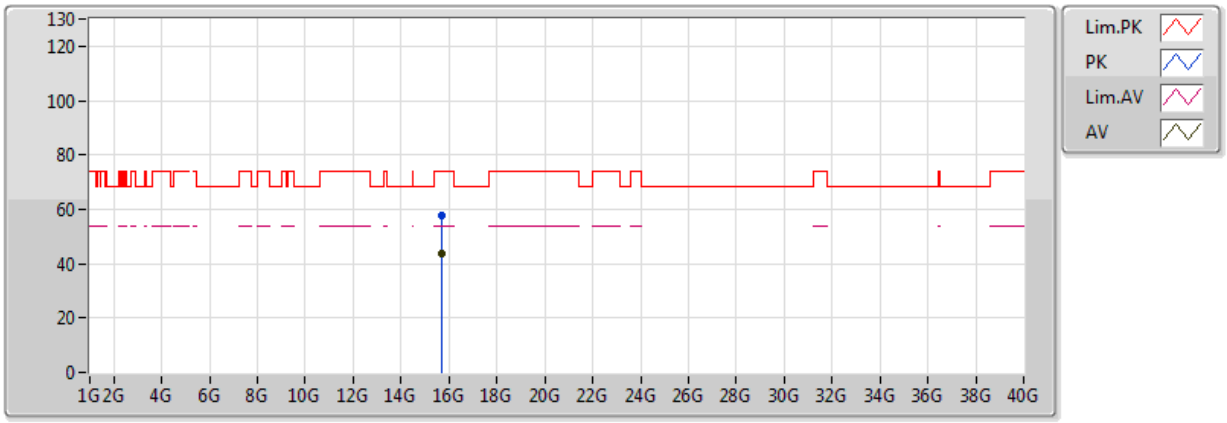
EUT X_2TX
Setting 24
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1356G	61.71	74.00	-12.29	8.53	3	Horizontal	15	1.87	-
AV	5.1356G	50.82	54.00	-3.18	8.53	3	Horizontal	15	1.87	-
PK	5.234G	126.70	Inf	-Inf	8.68	3	Horizontal	15	1.87	-
AV	5.2328G	115.07	Inf	-Inf	8.68	3	Horizontal	15	1.87	-
PK	5.3756G	62.30	74.00	-11.70	8.86	3	Horizontal	15	1.87	-
AV	5.3762G	49.83	54.00	-4.17	8.86	3	Horizontal	15	1.87	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

16/05/2018

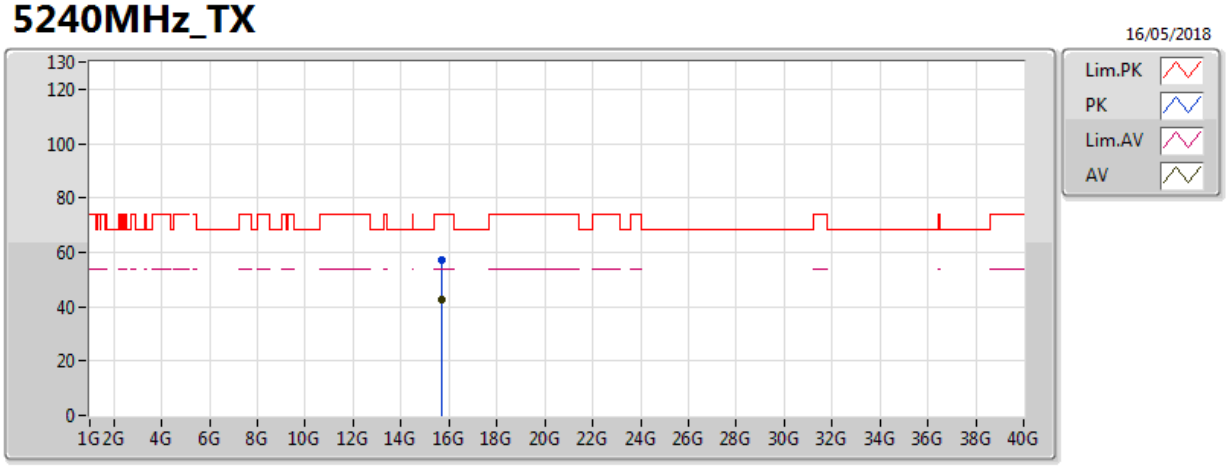


EUT X_2TX
Setting 24
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.71754G	57.94	74.00	-16.06	15.51	3	Vertical	132	1.52	-
AV	15.71742G	43.49	54.00	-10.51	15.51	3	Vertical	132	1.52	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

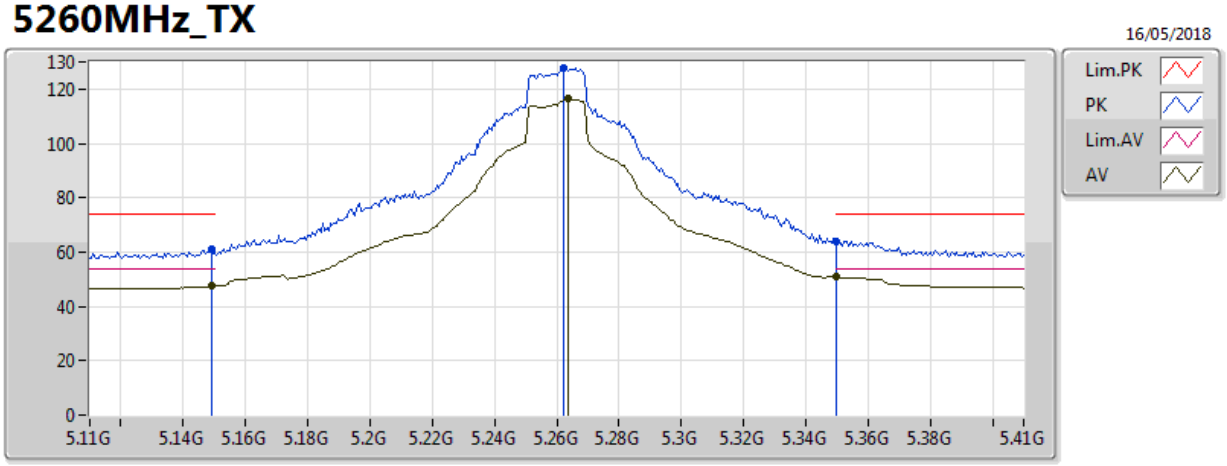


EUT X_2TX
Setting 24
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.71478G	57.08	74.00	-16.92	15.51	3	Horizontal	136	1.73	-
AV	15.71526G	42.72	54.00	-11.28	15.51	3	Horizontal	136	1.73	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

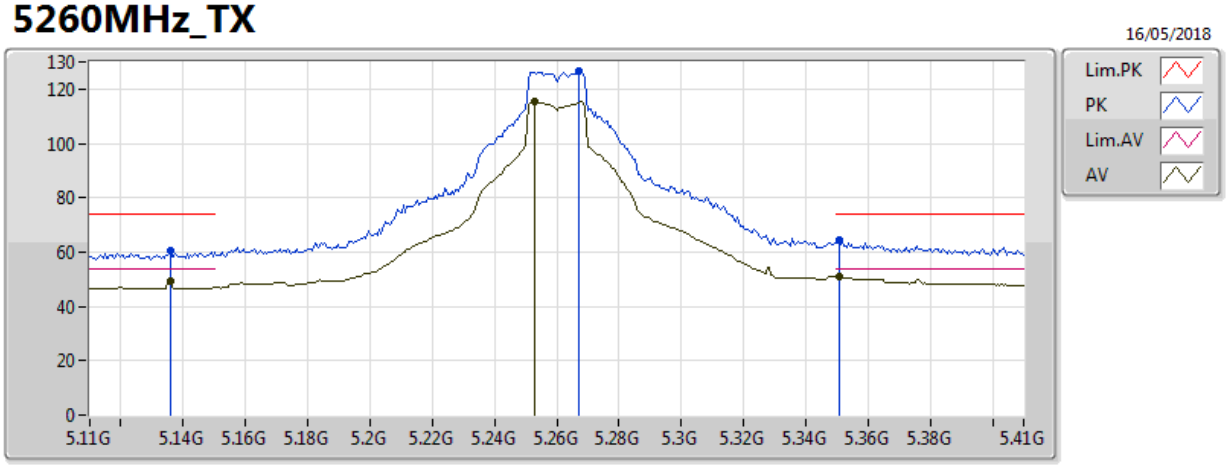


EUT X_2TX
Setting 24
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149G	61.04	74.00	-12.96	8.54	3	Vertical	13	1.89	-
AV	5.149G	47.46	54.00	-6.54	8.54	3	Vertical	13	1.89	-
PK	5.2624G	127.94	Inf	-Inf	8.72	3	Vertical	13	1.89	-
AV	5.2636G	116.37	Inf	-Inf	8.72	3	Vertical	13	1.89	-
PK	5.350005G	64.12	74.00	-9.88	8.84	3	Vertical	13	1.89	-
AV	5.350005G	50.75	54.00	-3.25	8.84	3	Vertical	13	1.89	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

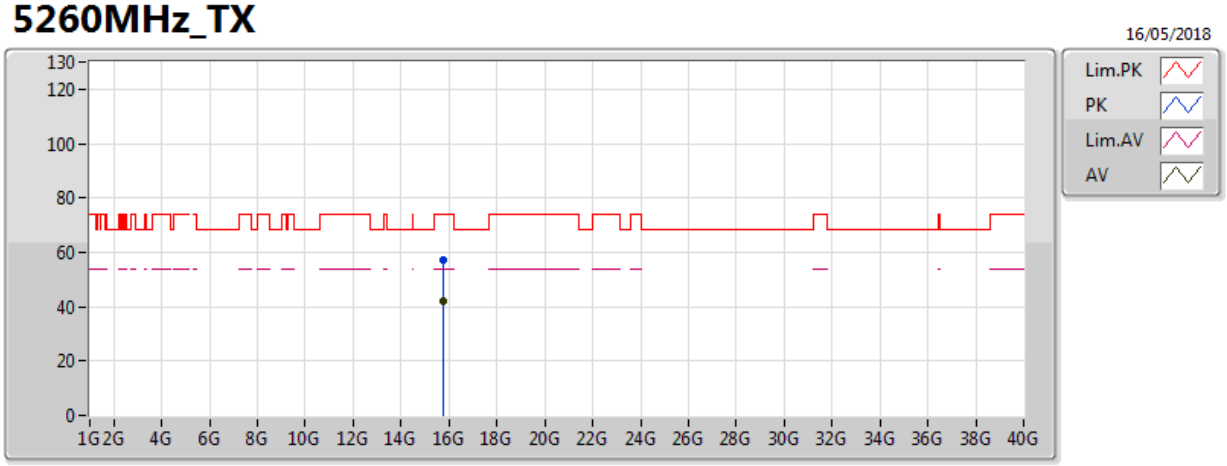


EUT X_2TX
Setting 24
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1358G	60.38	74.00	-13.62	8.53	3	Horizontal	14	1.87	-
AV	5.1358G	49.30	54.00	-4.70	8.53	3	Horizontal	14	1.87	-
PK	5.2672G	126.89	Inf	-Inf	8.73	3	Horizontal	14	1.87	-
AV	5.2528G	115.27	Inf	-Inf	8.71	3	Horizontal	14	1.87	-
PK	5.3506G	64.25	74.00	-9.75	8.84	3	Horizontal	14	1.87	-
AV	5.3506G	50.79	54.00	-3.21	8.84	3	Horizontal	14	1.87	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

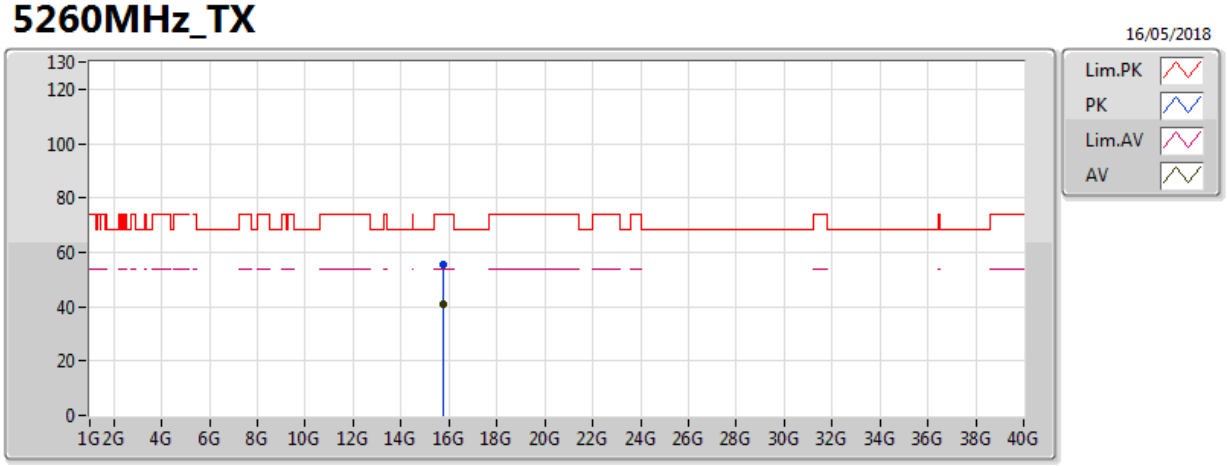


EUT X_2TX
Setting 24
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7778G	57.07	74.00	-16.93	15.36	3	Vertical	121	1.50	-
AV	15.78044G	42.15	54.00	-11.85	15.35	3	Vertical	121	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

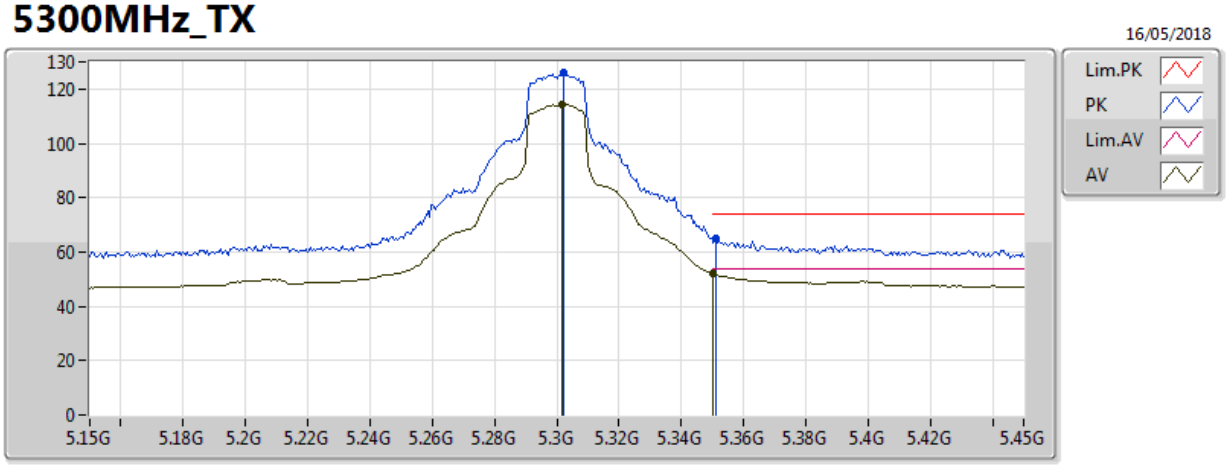


EUT X_2TX
Setting 24
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78432G	55.29	74.00	-18.71	15.34	3	Horizontal	244	1.48	-
AV	15.78004G	41.12	54.00	-12.88	15.35	3	Horizontal	244	1.48	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

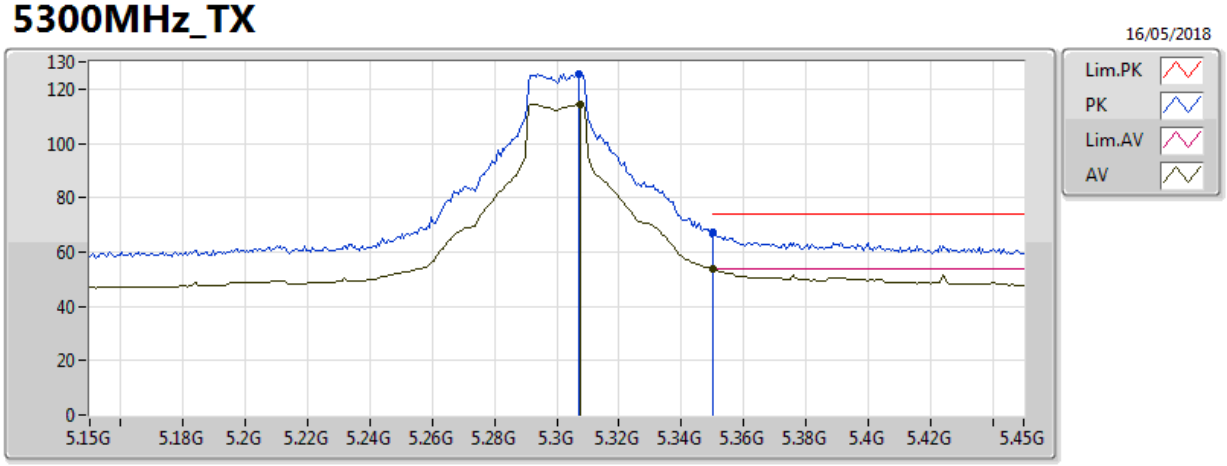


EUT X_2TX
Setting 22.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3024G	126.11	Inf	-Inf	8.77	3	Vertical	14	1.89	-
AV	5.3018G	114.37	Inf	-Inf	8.77	3	Vertical	14	1.89	-
PK	5.351G	65.08	74.00	-8.92	8.84	3	Vertical	14	1.89	-
AV	5.350005G	51.90	54.00	-2.10	8.84	3	Vertical	14	1.89	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

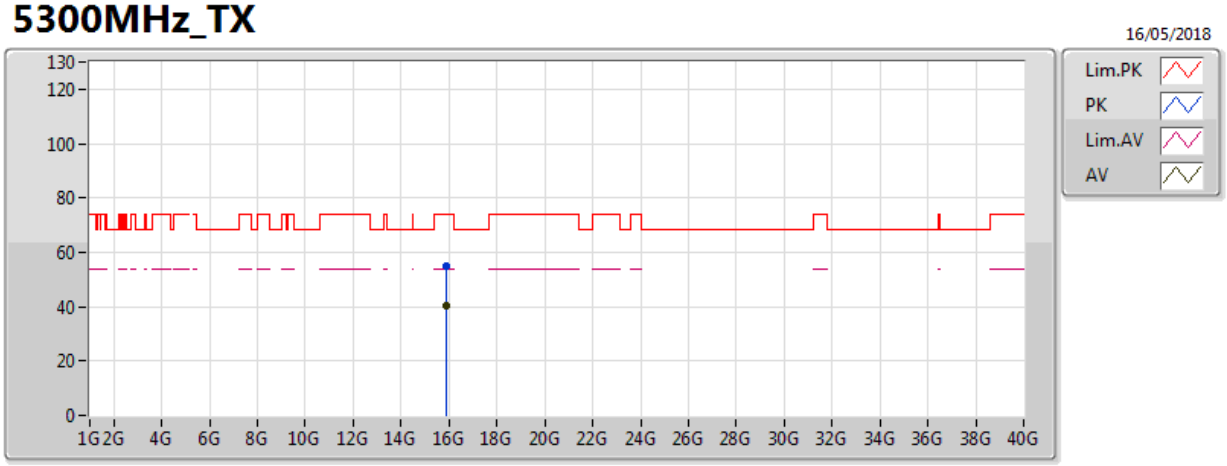


EUT X_2TX
Setting 22.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3072G	125.73	Inf	-Inf	8.78	3	Horizontal	13	1.87	-
AV	5.3078G	114.45	Inf	-Inf	8.78	3	Horizontal	13	1.87	-
PK	5.3504G	67.10	74.00	-6.90	8.84	3	Horizontal	13	1.87	-
AV	5.350005G	53.73	54.00	-0.27	8.84	3	Horizontal	13	1.87	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

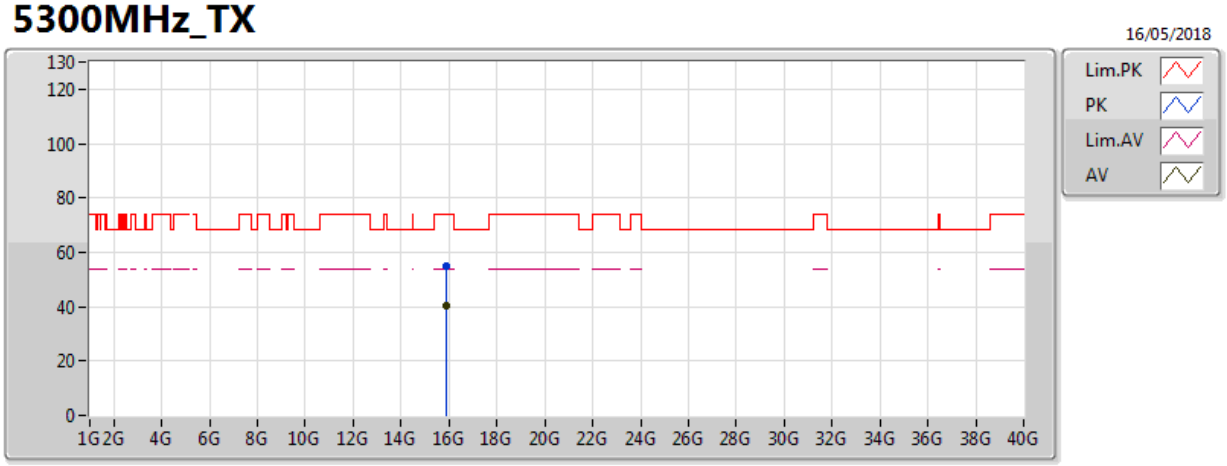


EUT X_2TX
Setting 22.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8958G	54.74	74.00	-19.26	15.06	3	Vertical	309	1.74	-
AV	15.8932G	40.21	54.00	-13.79	15.07	3	Vertical	309	1.74	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

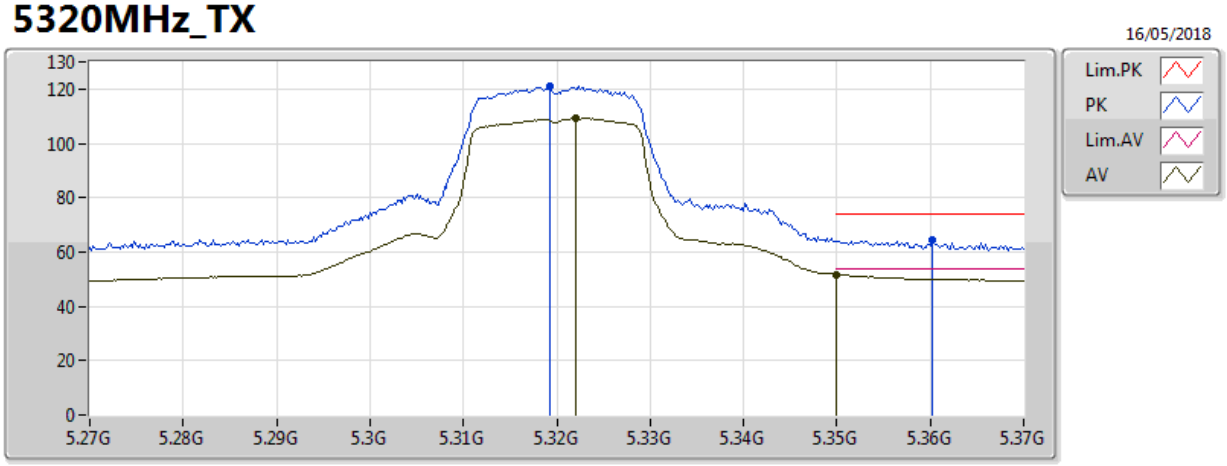


EUT X_2TX
Setting 22.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.89436G	54.76	74.00	-19.24	15.06	3	Horizontal	289	1.40	-
AV	15.8914G	40.25	54.00	-13.75	15.07	3	Horizontal	289	1.40	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

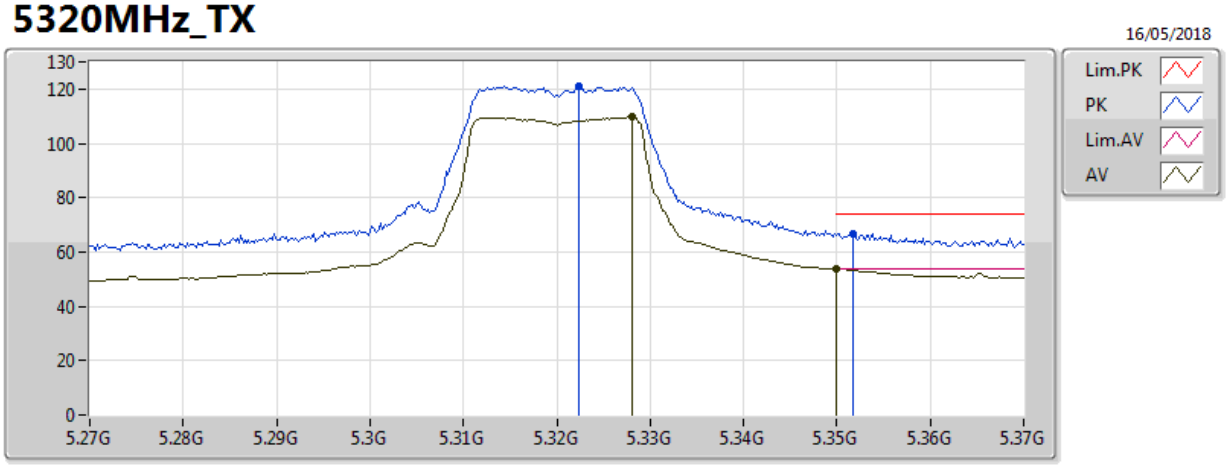


EUT X_2TX
Setting 18
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3192G	120.77	Inf	-Inf	8.79	3	Vertical	14	1.84	-
AV	5.322G	109.19	Inf	-Inf	8.80	3	Vertical	14	1.84	-
PK	5.3602G	64.57	74.00	-9.43	8.85	3	Vertical	14	1.84	-
AV	5.350005G	51.79	54.00	-2.21	8.84	3	Vertical	14	1.84	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

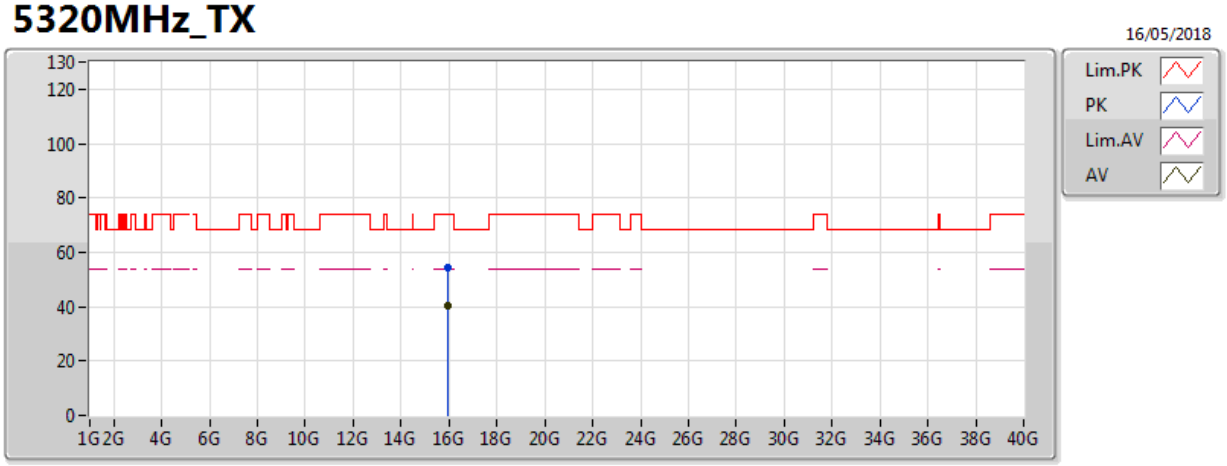


EUT X_2TX
Setting 18
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3224G	120.87	Inf	-Inf	8.80	3	Horizontal	15	1.76	-
AV	5.328G	109.59	Inf	-Inf	8.80	3	Horizontal	15	1.76	-
PK	5.3518G	66.78	74.00	-7.22	8.84	3	Horizontal	15	1.76	-
AV	5.350005G	53.81	54.00	-0.19	8.84	3	Horizontal	15	1.76	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

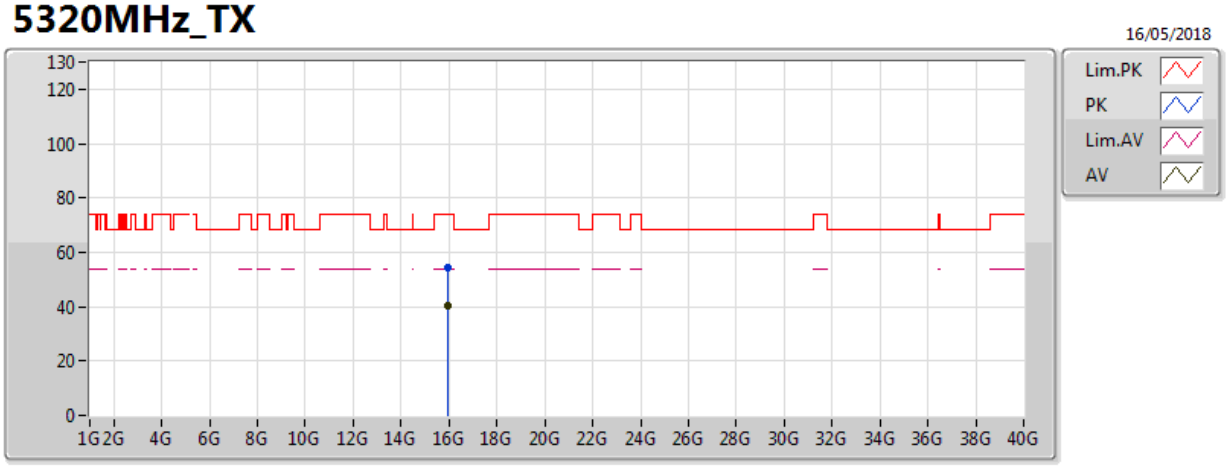


EUT X_2TX
Setting 18
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.96692G	54.58	74.00	-19.42	14.88	3	Vertical	255	1.48	-
AV	15.9692G	40.30	54.00	-13.70	14.88	3	Vertical	255	1.48	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

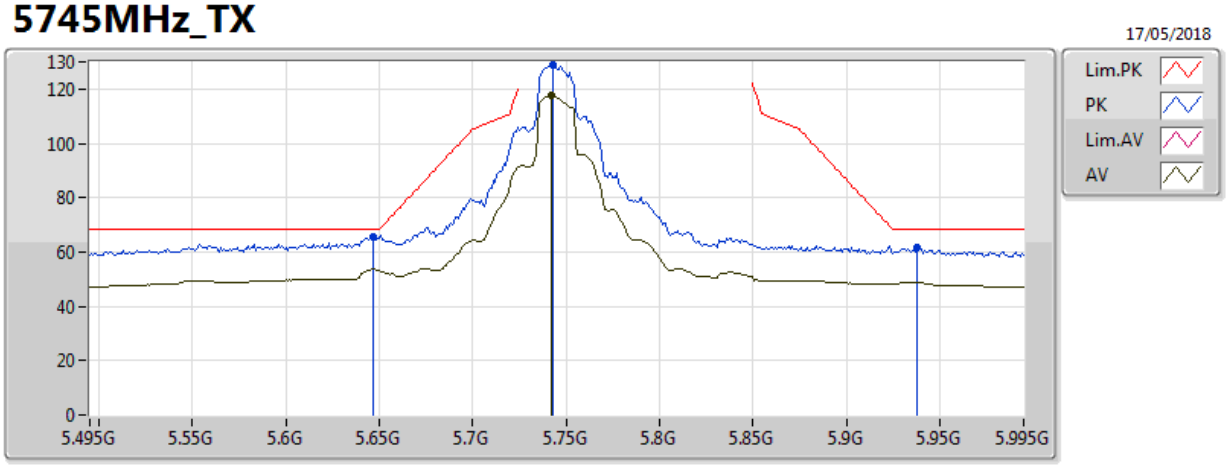


EUT X_2TX
Setting 18
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.96516G	54.40	74.00	-19.60	14.89	3	Horizontal	271	1.32	-
AV	15.961G	40.33	54.00	-13.67	14.90	3	Horizontal	271	1.32	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

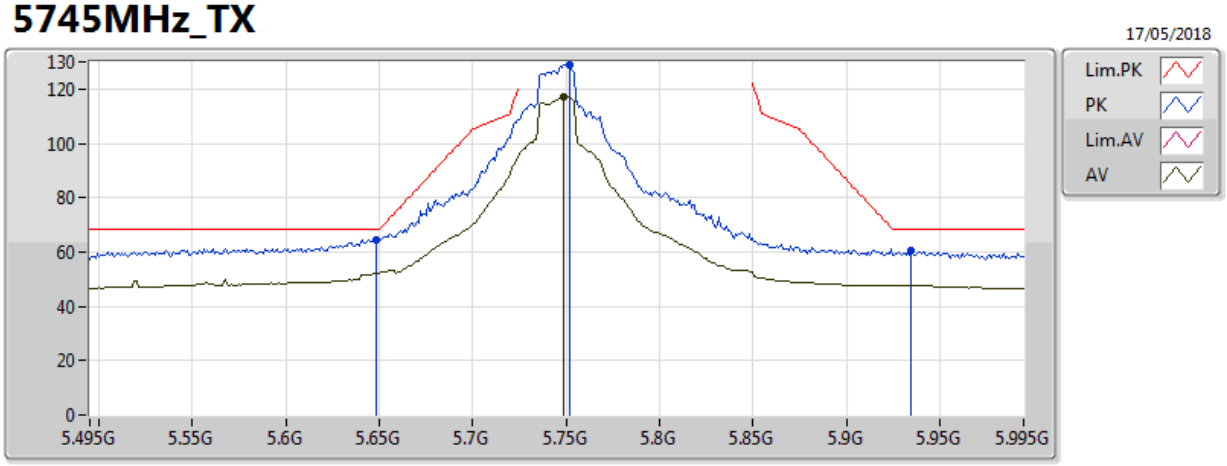


EUT X_2TX
Setting 23
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.647G	65.68	68.20	-2.52	9.20	3	Vertical	1	1.55	-
PK	5.743G	129.13	Inf	-Inf	9.22	3	Vertical	1	1.55	-
AV	5.742G	117.62	Inf	-Inf	9.22	3	Vertical	1	1.55	-
PK	5.938G	61.57	68.20	-6.63	9.35	3	Vertical	1	1.55	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

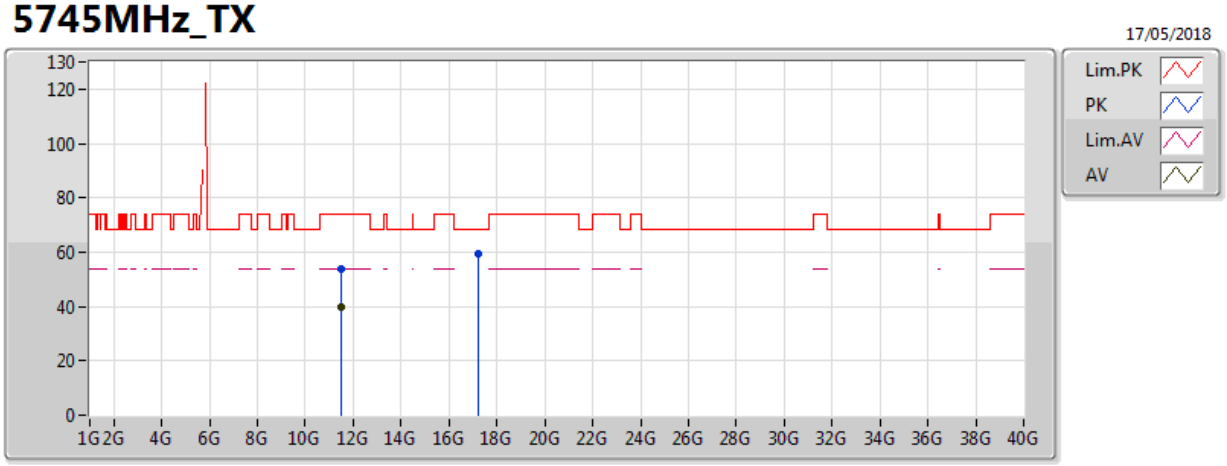


EUT X_2TX
Setting 23
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.648G	64.60	68.20	-3.60	9.20	3	Horizontal	359	1.54	-
PK	5.752G	128.87	Inf	-Inf	9.23	3	Horizontal	359	1.54	-
AV	5.749G	117.33	Inf	-Inf	9.22	3	Horizontal	359	1.54	-
PK	5.935G	60.70	68.20	-7.50	9.36	3	Horizontal	359	1.54	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

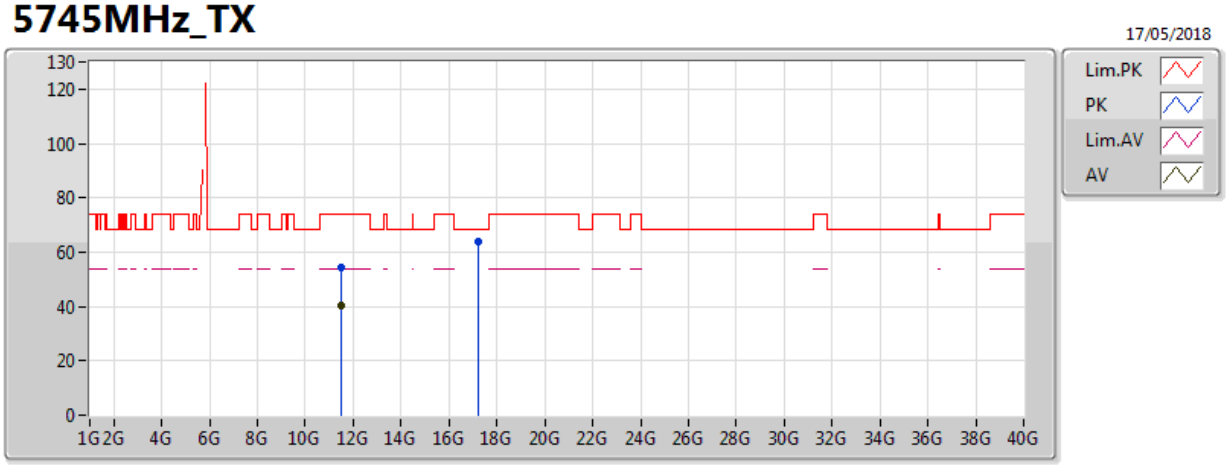


EUT X_2TX
Setting 23
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48872G	54.01	74.00	-19.99	14.60	3	Vertical	143	1.37	-
AV	11.49112G	39.99	54.00	-14.01	14.60	3	Vertical	143	1.37	-
PK	17.22572G	59.50	68.20	-8.70	20.35	3	Vertical	187	1.64	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

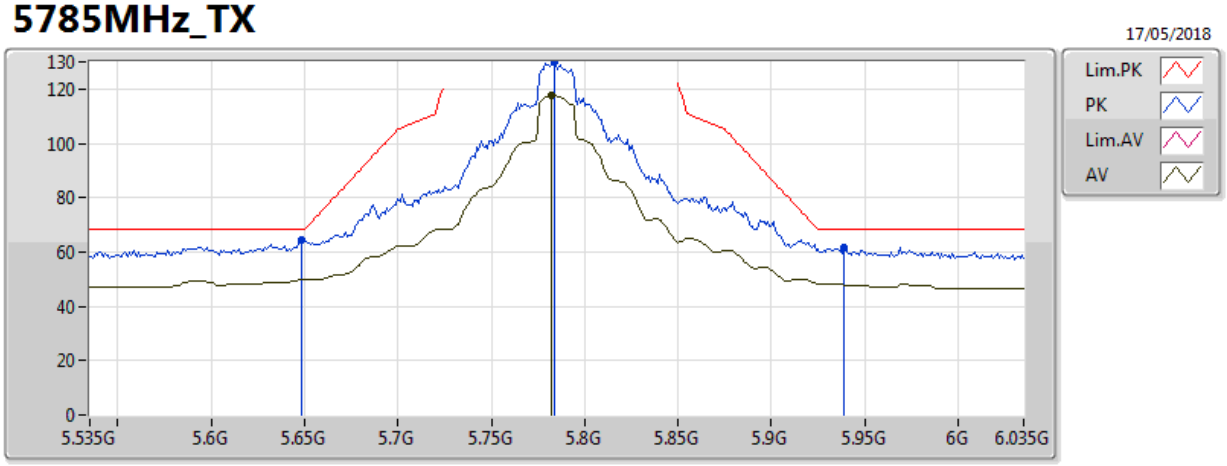


EUT X_2TX
Setting 23
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.49484G	54.53	74.00	-19.47	14.60	3	Horizontal	61	1.64	-
AV	11.4812G	40.28	54.00	-13.72	14.59	3	Horizontal	61	1.64	-
PK	17.22788G	63.76	68.20	-4.44	20.36	3	Horizontal	231	1.49	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

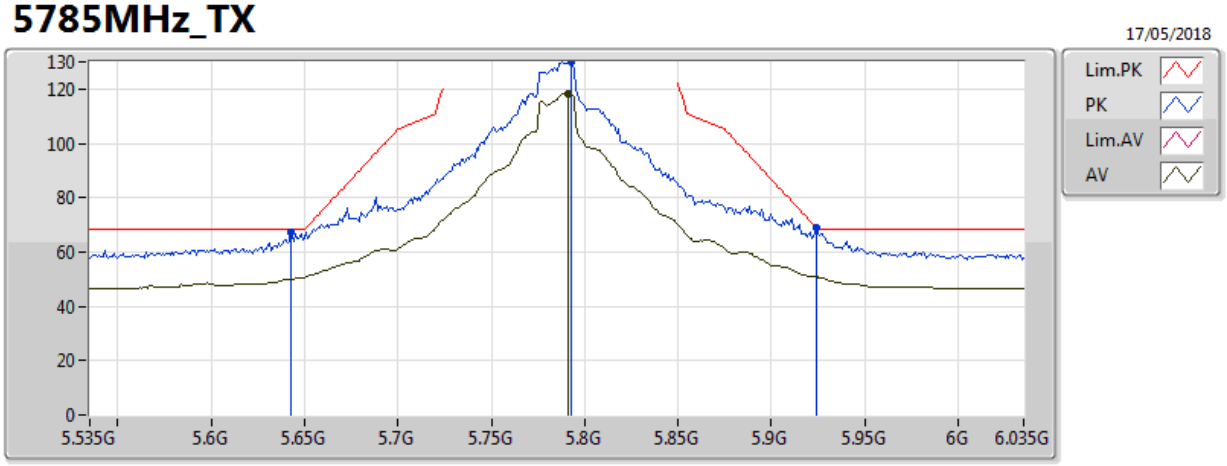


EUT X_2TX
Setting 25
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.648G	64.30	68.20	-3.90	9.20	3	Vertical	360	1.61	-
PK	5.784G	129.95	Inf	-Inf	9.24	3	Vertical	360	1.61	-
AV	5.782G	117.80	Inf	-Inf	9.23	3	Vertical	360	1.61	-
PK	5.939G	61.71	68.20	-6.49	9.35	3	Vertical	360	1.61	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

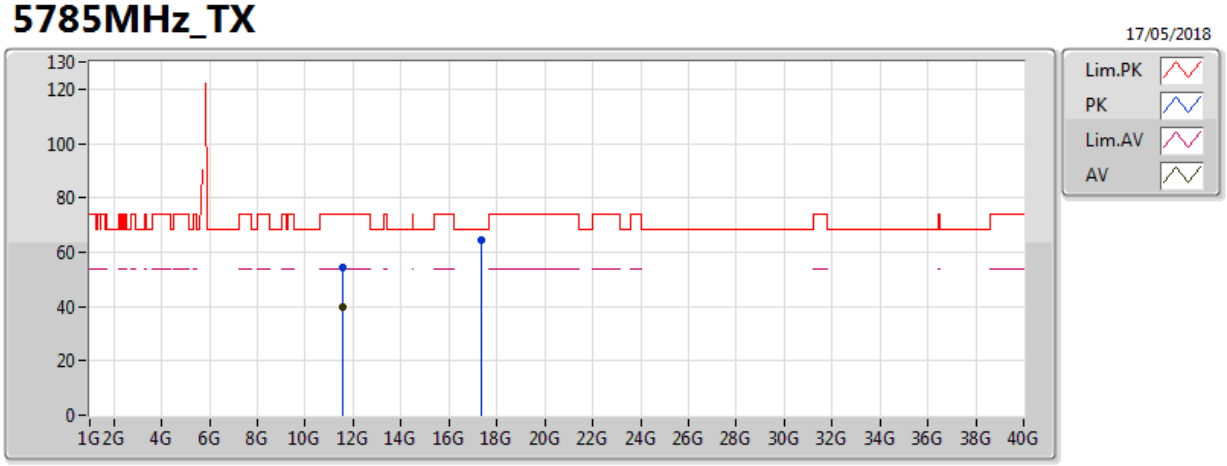


EUT X_2TX
Setting 25
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.643G	67.02	68.20	-1.18	9.20	3	Horizontal	359	1.58	-
PK	5.793G	130.19	Inf	-Inf	9.24	3	Horizontal	359	1.58	-
AV	5.791G	118.20	Inf	-Inf	9.24	3	Horizontal	359	1.58	-
PK	5.924G	68.69	68.94	-0.25	9.33	3	Horizontal	359	1.58	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

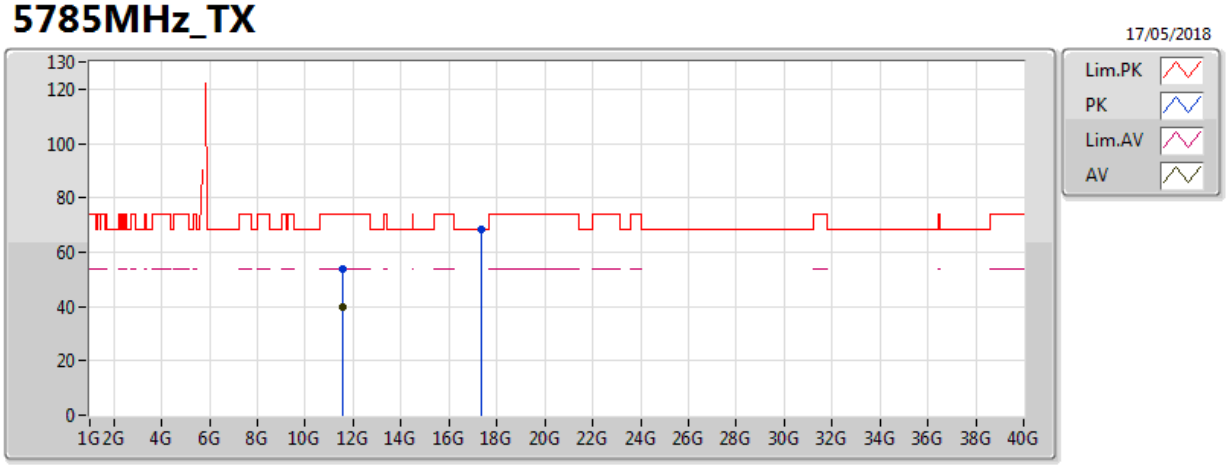


EUT X_2TX
Setting 25
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.56904G	54.40	74.00	-19.60	14.69	3	Vertical	100	1.61	-
AV	11.56264G	39.88	54.00	-14.12	14.68	3	Vertical	100	1.61	-
PK	17.35228G	64.53	68.20	-3.67	21.09	3	Vertical	131	2.53	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

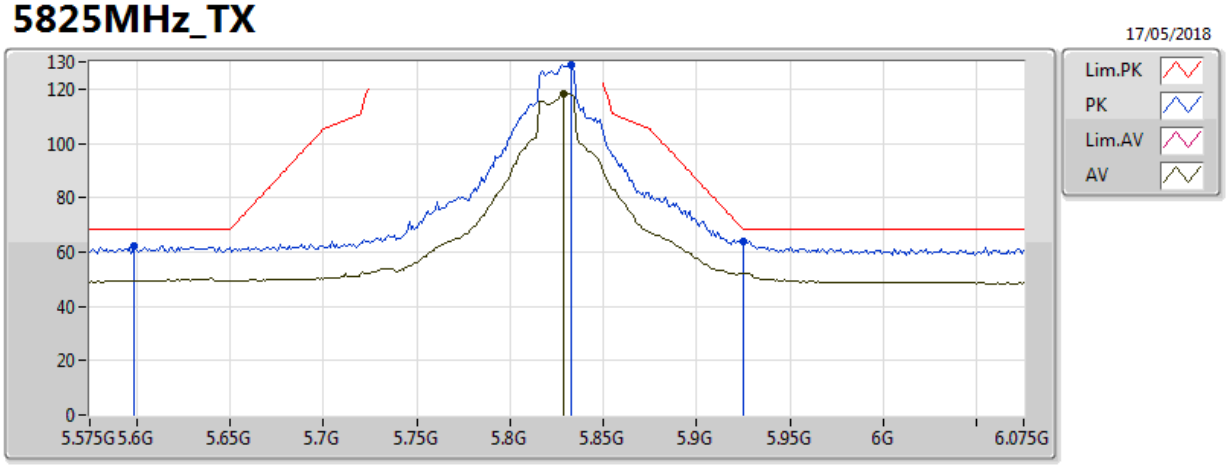


EUT X_2TX
Setting 25
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57004G	54.04	74.00	-19.96	14.69	3	Horizontal	74	2.00	-
AV	11.56164G	39.81	54.00	-14.19	14.68	3	Horizontal	74	2.00	-
PK	17.35252G	68.16	68.20	-0.04	21.09	3	Horizontal	233	1.44	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

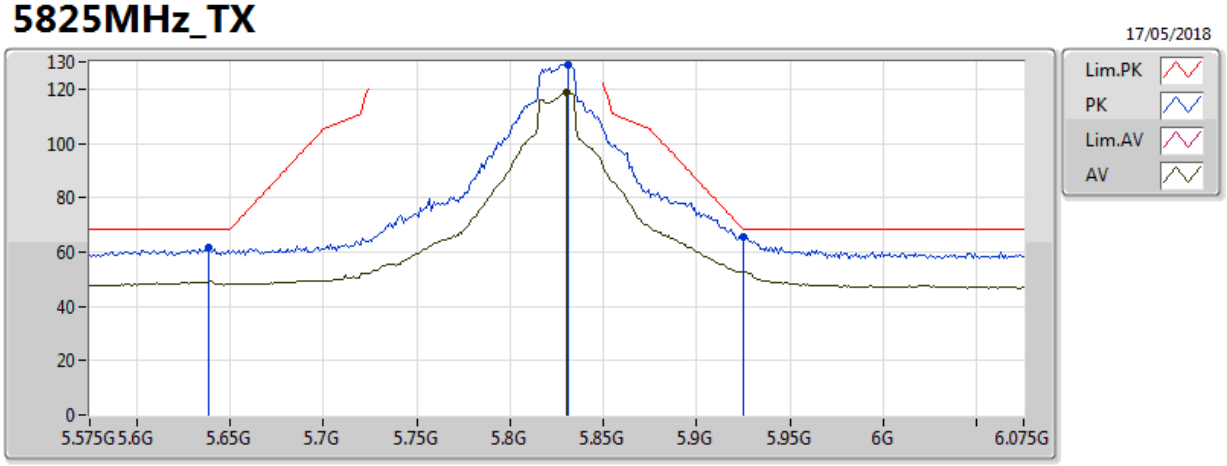


EUT X_2TX
Setting 23.5
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.599G	62.35	68.20	-5.85	9.19	3	Vertical	359	1.50	-
PK	5.833G	128.89	Inf	-Inf	9.27	3	Vertical	359	1.50	-
AV	5.829G	118.18	Inf	-Inf	9.26	3	Vertical	359	1.50	-
PK	5.925G	64.01	68.20	-4.19	9.35	3	Vertical	359	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

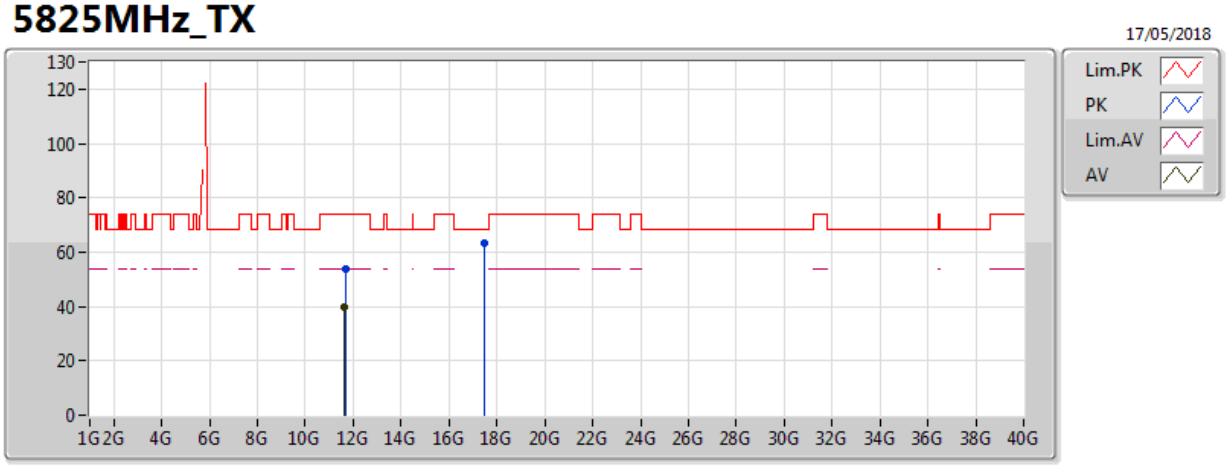


EUT X_2TX
Setting 23.5
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.639G	61.88	68.20	-6.32	9.20	3	Horizontal	359	1.54	-
PK	5.831G	129.14	Inf	-Inf	9.26	3	Horizontal	359	1.54	-
AV	5.83G	118.87	Inf	-Inf	9.26	3	Horizontal	359	1.54	-
PK	5.925G	65.42	68.20	-2.78	9.35	3	Horizontal	359	1.54	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

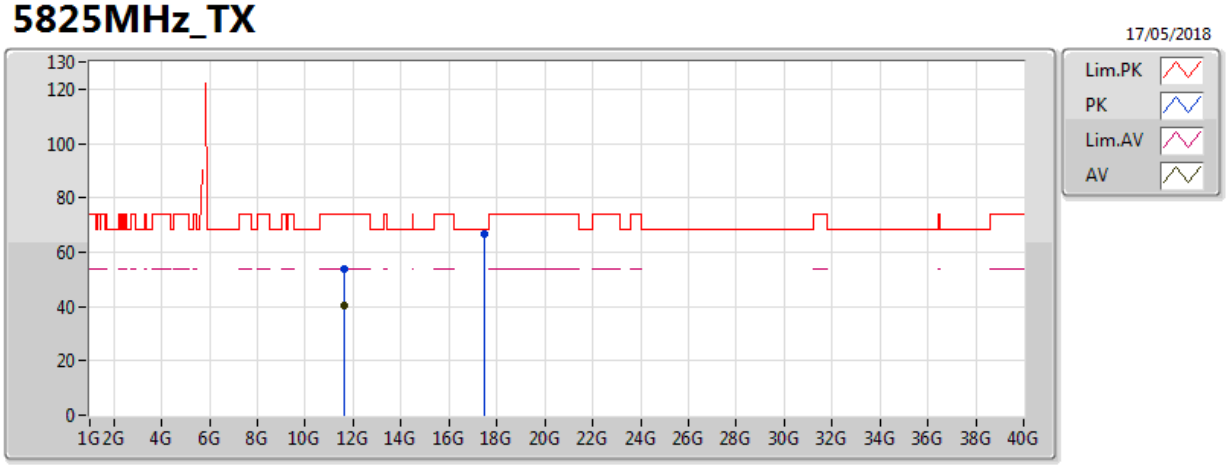


EUT X_2TX
Setting 23.5
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.65708G	53.62	74.00	-20.38	14.80	3	Vertical	160	1.78	-
AV	11.64352G	39.97	54.00	-14.03	14.78	3	Vertical	160	1.78	-
PK	17.47872G	63.41	68.20	-4.79	21.83	3	Vertical	180	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

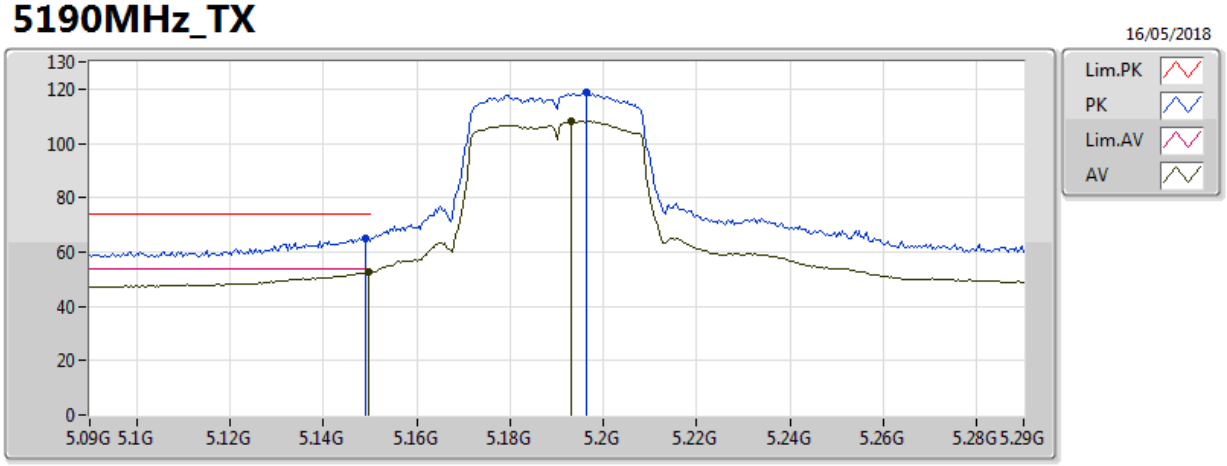


EUT X_2TX
Setting 23.5
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.63704G	53.68	74.00	-20.32	14.77	3	Horizontal	65	1.61	-
AV	11.65336G	40.40	54.00	-13.60	14.79	3	Horizontal	65	1.61	-
PK	17.47242G	66.86	68.20	-1.34	21.80	3	Horizontal	234	1.97	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

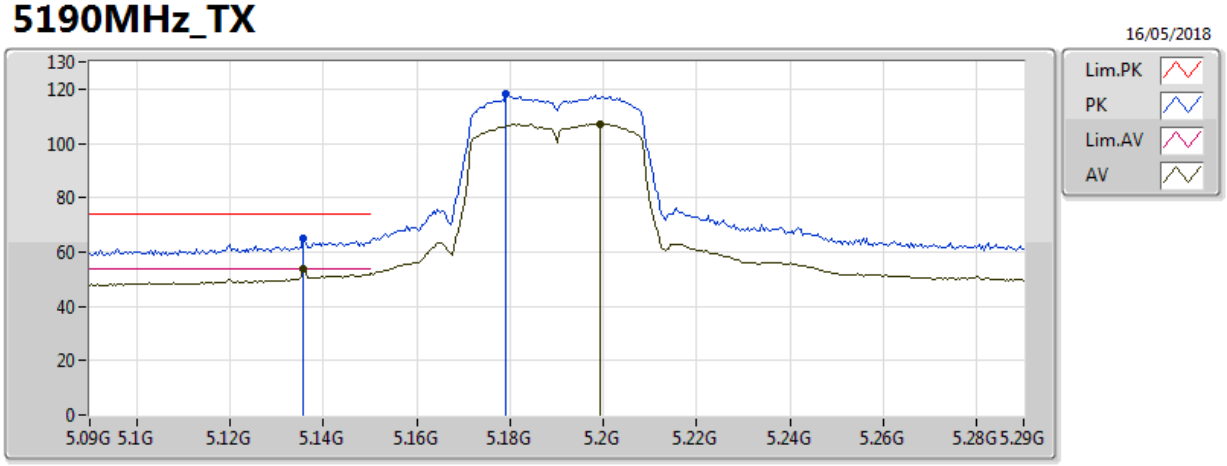


EUT X_2TX
Setting 16.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1492G	65.02	74.00	-8.98	8.54	3	Vertical	11	1.93	-
AV	5.1496G	52.51	54.00	-1.49	8.54	3	Vertical	11	1.93	-
PK	5.1964G	118.56	Inf	-Inf	8.63	3	Vertical	11	1.93	-
AV	5.1932G	108.11	Inf	-Inf	8.63	3	Vertical	11	1.93	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

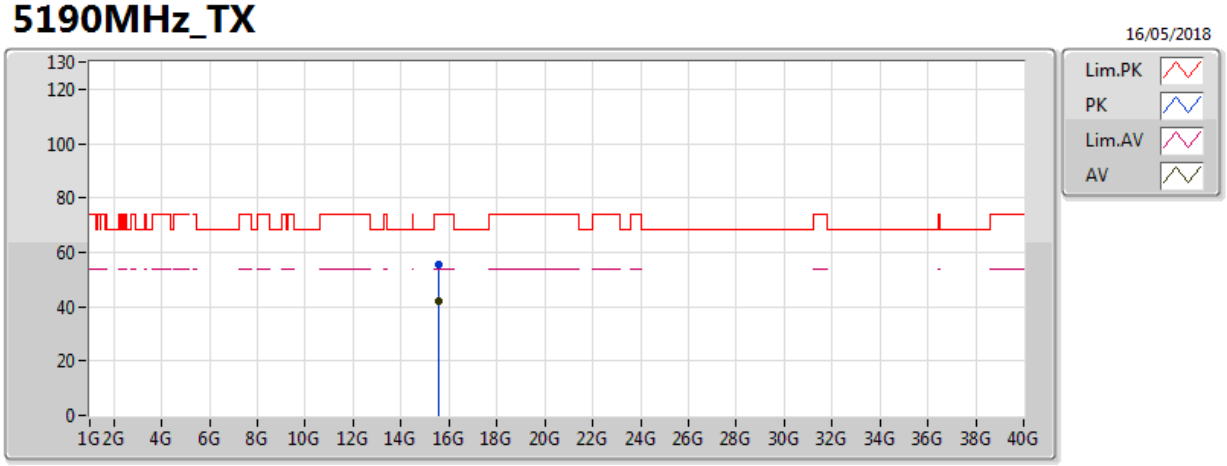


EUT X_2TX
Setting 16.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1356G	64.87	74.00	-9.13	8.53	3	Horizontal	9	1.85	-
AV	5.1356G	53.57	54.00	-0.43	8.53	3	Horizontal	9	1.85	-
PK	5.1792G	118.02	Inf	-Inf	8.60	3	Horizontal	9	1.85	-
AV	5.1992G	107.16	Inf	-Inf	8.64	3	Horizontal	9	1.85	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

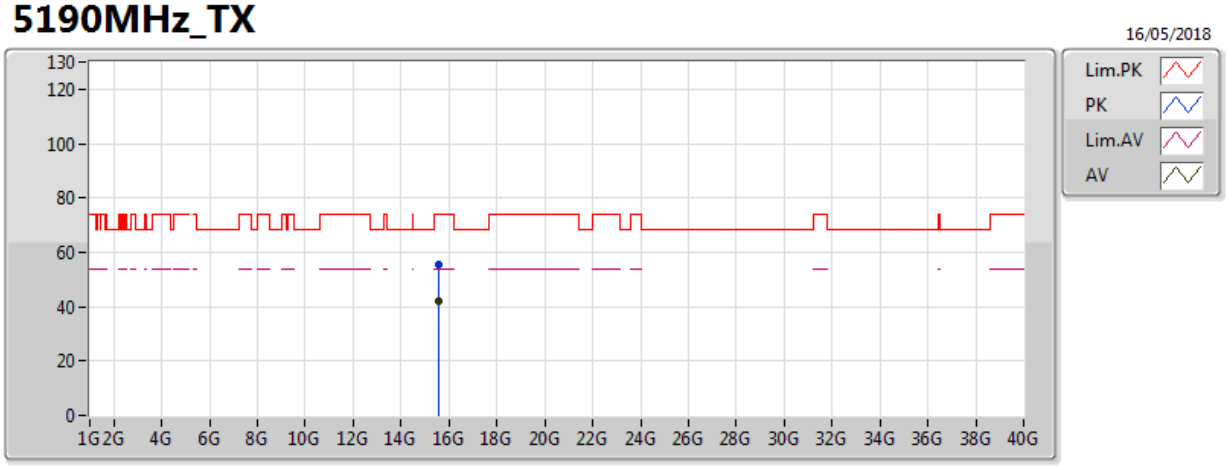


EUT X_2TX
Setting 16.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5652G	55.43	74.00	-18.57	15.89	3	Vertical	182	1.33	-
AV	15.56592G	41.80	54.00	-12.20	15.89	3	Vertical	182	1.33	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

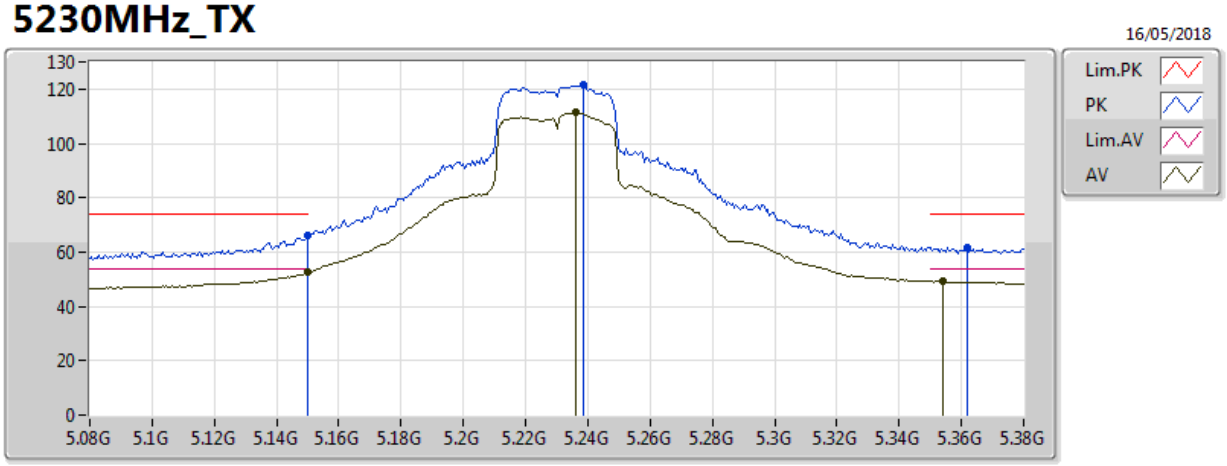


EUT X_2TX
Setting 16.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.56958G	55.61	74.00	-18.39	15.88	3	Horizontal	1	1.93	-
AV	15.57024G	41.84	54.00	-12.16	15.87	3	Horizontal	1	1.93	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

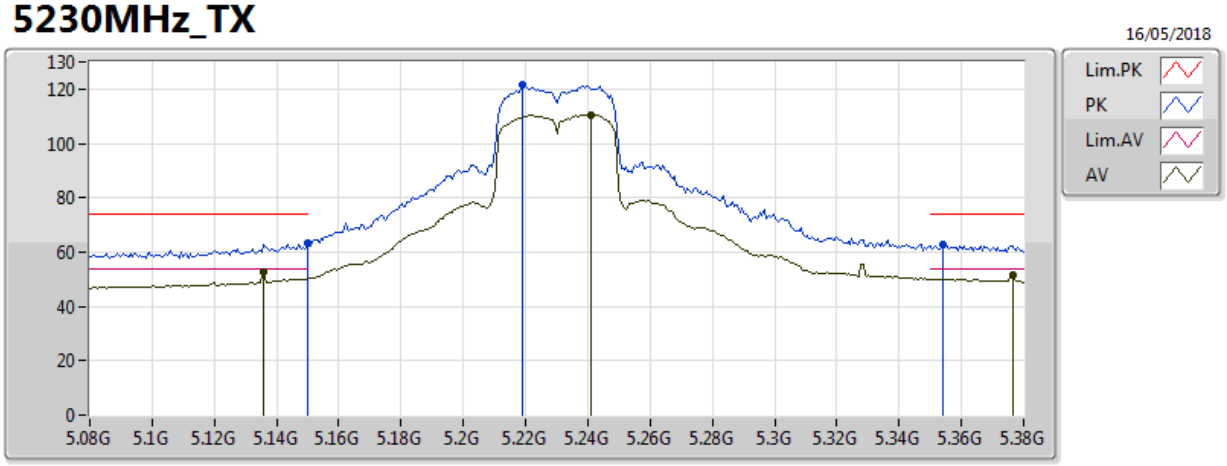


EUT X_2TX
Setting 20
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	66.16	74.00	-7.84	8.54	3	Vertical	10	1.91	-
AV	5.149995G	52.53	54.00	-1.47	8.54	3	Vertical	10	1.91	-
PK	5.2384G	121.57	Inf	-Inf	8.69	3	Vertical	10	1.91	-
AV	5.236G	111.35	Inf	-Inf	8.69	3	Vertical	10	1.91	-
PK	5.362G	61.64	74.00	-12.36	8.85	3	Vertical	10	1.91	-
AV	5.3542G	49.32	54.00	-4.68	8.84	3	Vertical	10	1.91	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

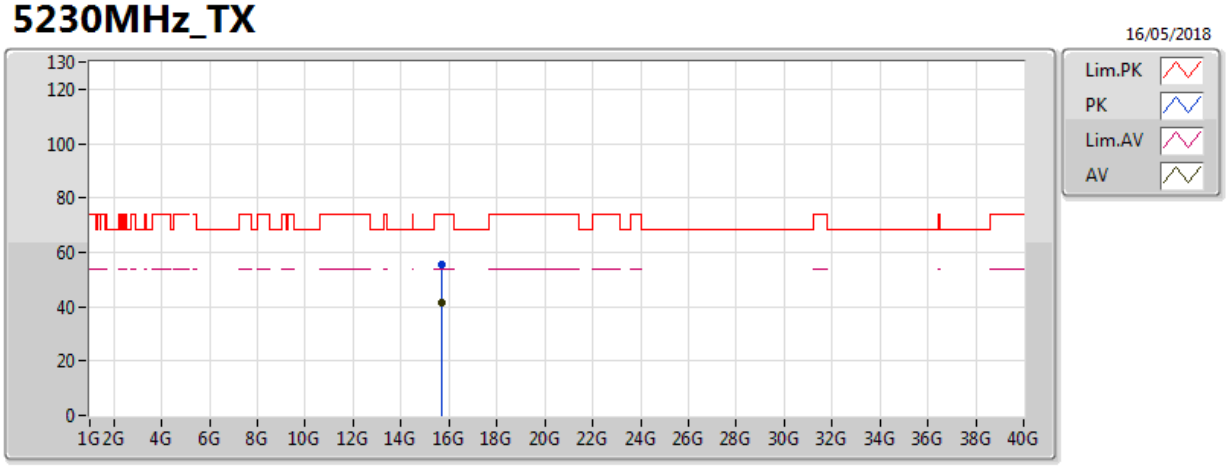


EUT X_2TX
Setting 20
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	63.55	74.00	-10.45	8.54	3	Horizontal	9	1.86	-
AV	5.1358G	52.48	54.00	-1.52	8.53	3	Horizontal	9	1.86	-
PK	5.2192G	121.44	Inf	-Inf	8.66	3	Horizontal	9	1.86	-
AV	5.2408G	110.66	Inf	-Inf	8.69	3	Horizontal	9	1.86	-
PK	5.3542G	62.82	74.00	-11.18	8.84	3	Horizontal	9	1.86	-
AV	5.3764G	51.53	54.00	-2.47	8.86	3	Horizontal	9	1.86	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

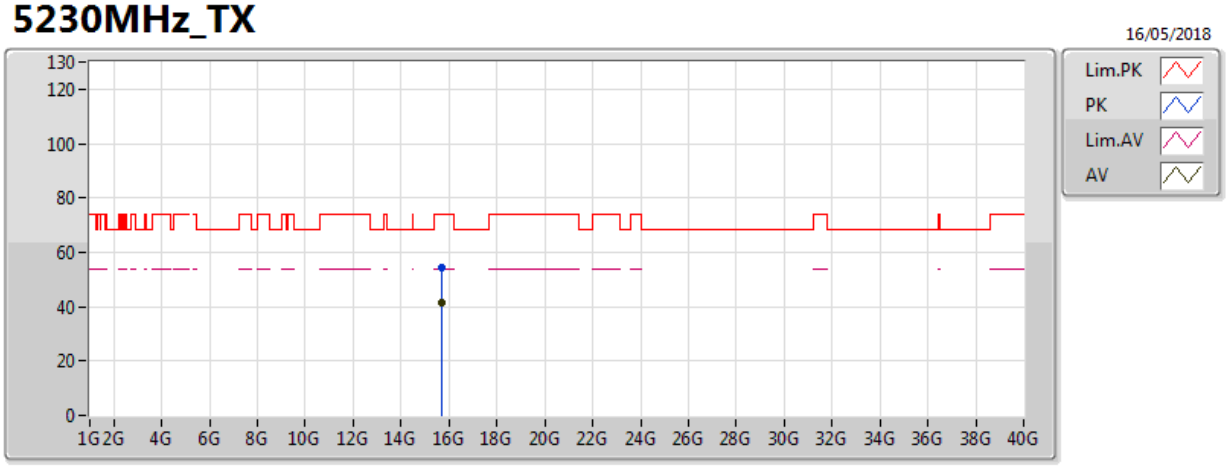


EUT X_2TX
Setting 20
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.69744G	55.63	74.00	-18.37	15.56	3	Vertical	140	1.57	-
AV	15.69684G	41.74	54.00	-12.26	15.56	3	Vertical	140	1.57	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

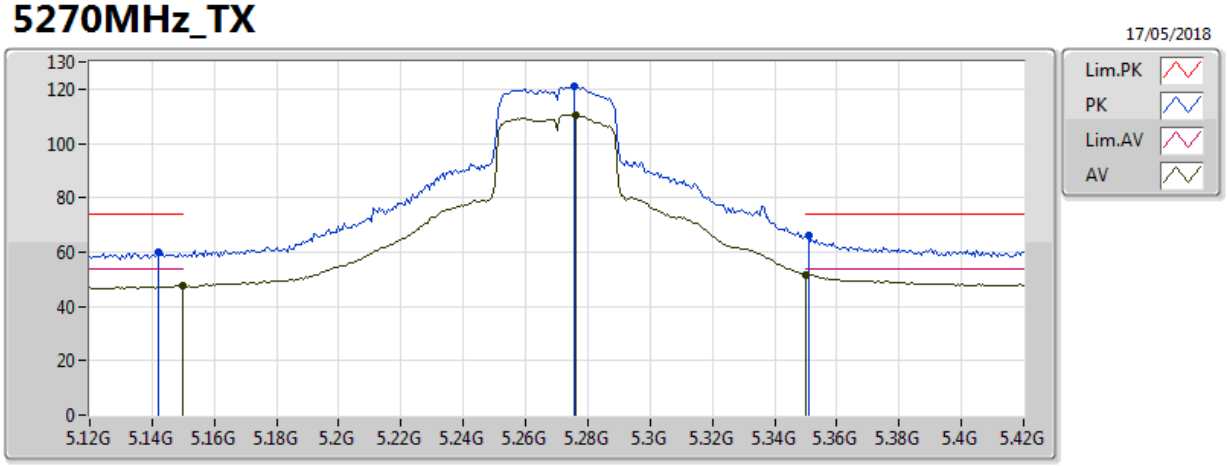


EUT X_2TX
Setting 20
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.67626G	54.62	74.00	-19.38	15.61	3	Horizontal	168	1.35	-
AV	15.69228G	41.72	54.00	-12.28	15.57	3	Horizontal	168	1.35	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

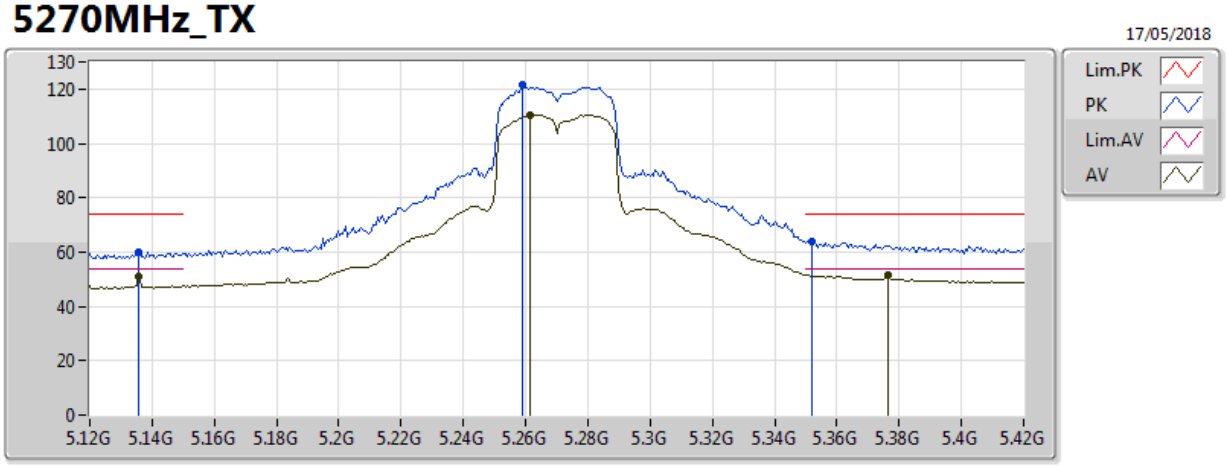


EUT X_2TX
Setting 19.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1422G	59.68	74.00	-14.32	8.54	3	Vertical	13	1.85	-
AV	5.149995G	47.46	54.00	-6.54	8.54	3	Vertical	13	1.85	-
PK	5.2754G	120.79	Inf	-Inf	8.74	3	Vertical	13	1.85	-
AV	5.276G	110.62	Inf	-Inf	8.74	3	Vertical	13	1.85	-
PK	5.351G	66.24	74.00	-7.76	8.84	3	Vertical	13	1.85	-
AV	5.350005G	51.65	54.00	-2.35	8.84	3	Vertical	13	1.85	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

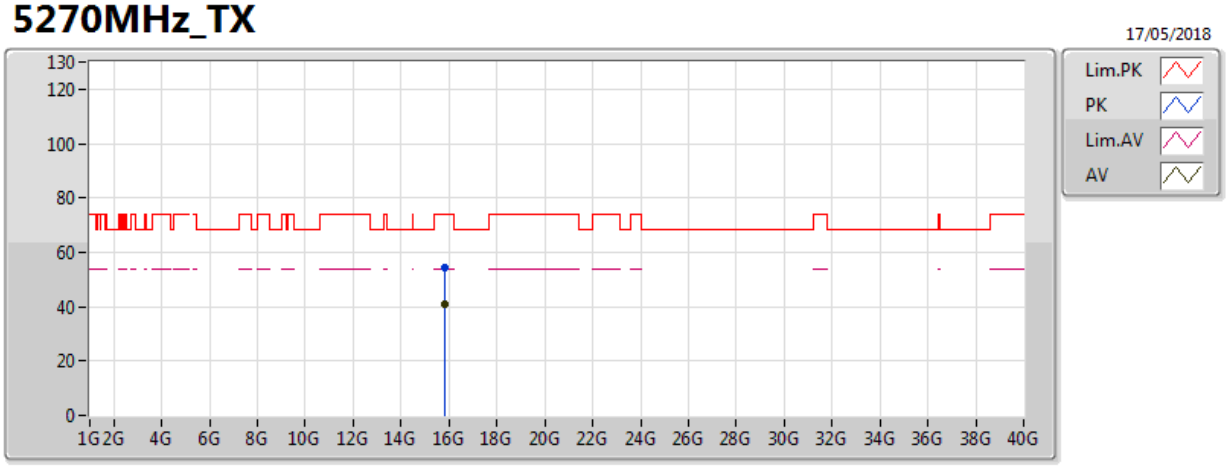


EUT X_2TX
Setting 19.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1356G	60.16	74.00	-13.84	8.53	3	Horizontal	13	1.92	-
AV	5.1356G	50.76	54.00	-3.24	8.53	3	Horizontal	13	1.92	-
PK	5.2592G	121.37	Inf	-Inf	8.72	3	Horizontal	13	1.92	-
AV	5.2616G	110.46	Inf	-Inf	8.72	3	Horizontal	13	1.92	-
PK	5.3522G	63.86	74.00	-10.14	8.84	3	Horizontal	13	1.92	-
AV	5.3762G	51.61	54.00	-2.39	8.86	3	Horizontal	13	1.92	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

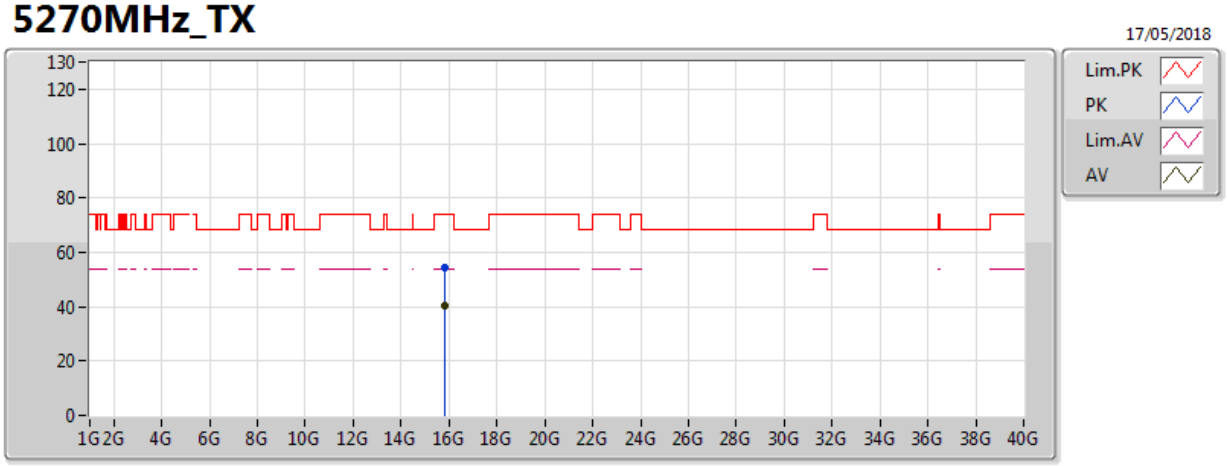


EUT X_2TX
Setting 19.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.81972G	54.20	74.00	-19.80	15.25	3	Vertical	294	1.21	-
AV	15.80228G	40.68	54.00	-13.32	15.29	3	Vertical	294	1.21	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

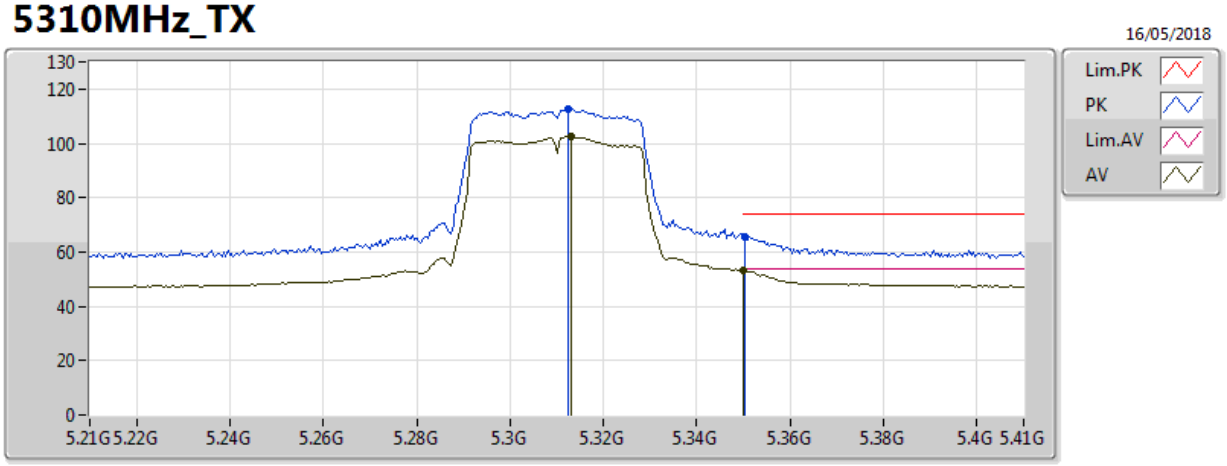


EUT X_2TX
Setting 19.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.81568G	54.28	74.00	-19.72	15.26	3	Horizontal	301	1.50	-
AV	15.80152G	40.61	54.00	-13.39	15.30	3	Horizontal	301	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

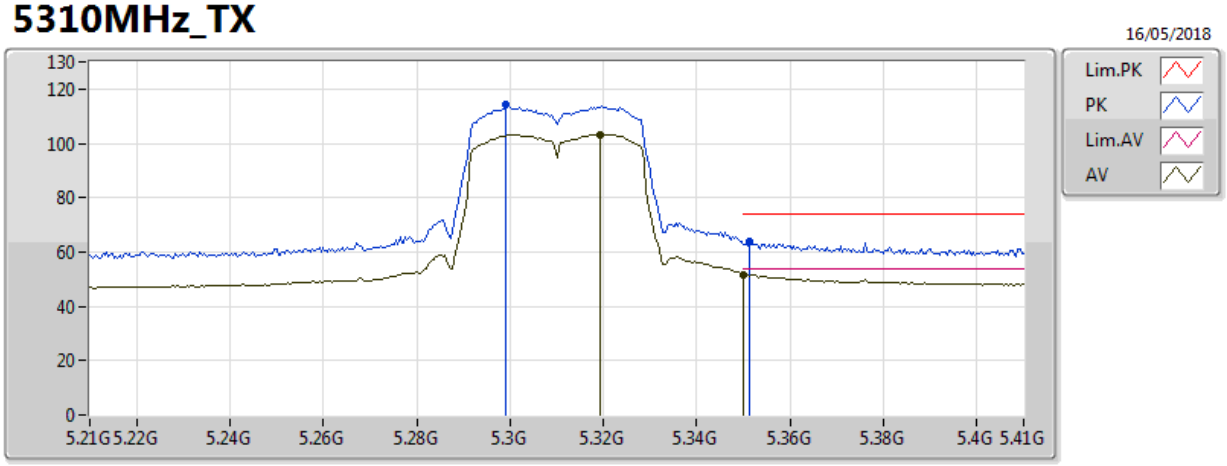


EUT X_2TX
Setting 12
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3124G	112.51	Inf	-Inf	8.78	3	Vertical	15	1.80	-
AV	5.3132G	102.49	Inf	-Inf	8.79	3	Vertical	15	1.80	-
PK	5.3504G	65.43	74.00	-8.57	8.84	3	Vertical	15	1.80	-
AV	5.350005G	53.25	54.00	-0.75	8.84	3	Vertical	15	1.80	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

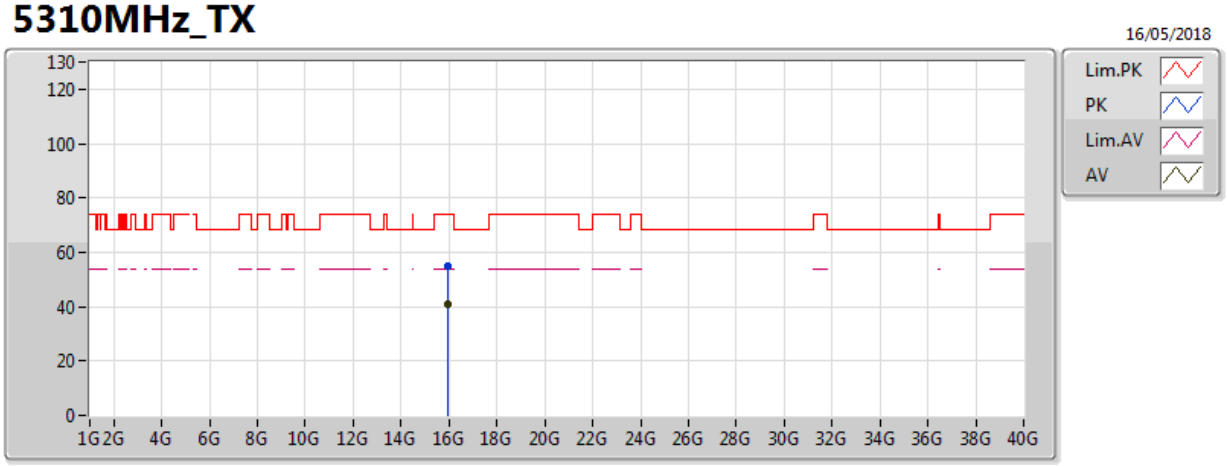


EUT X_2TX
Setting 12
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2992G	114.36	Inf	-Inf	8.77	3	Horizontal	16	1.79	-
AV	5.3192G	103.30	Inf	-Inf	8.79	3	Horizontal	16	1.79	-
PK	5.3512G	63.72	74.00	-10.28	8.84	3	Horizontal	16	1.79	-
AV	5.350005G	51.75	54.00	-2.25	8.84	3	Horizontal	16	1.79	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

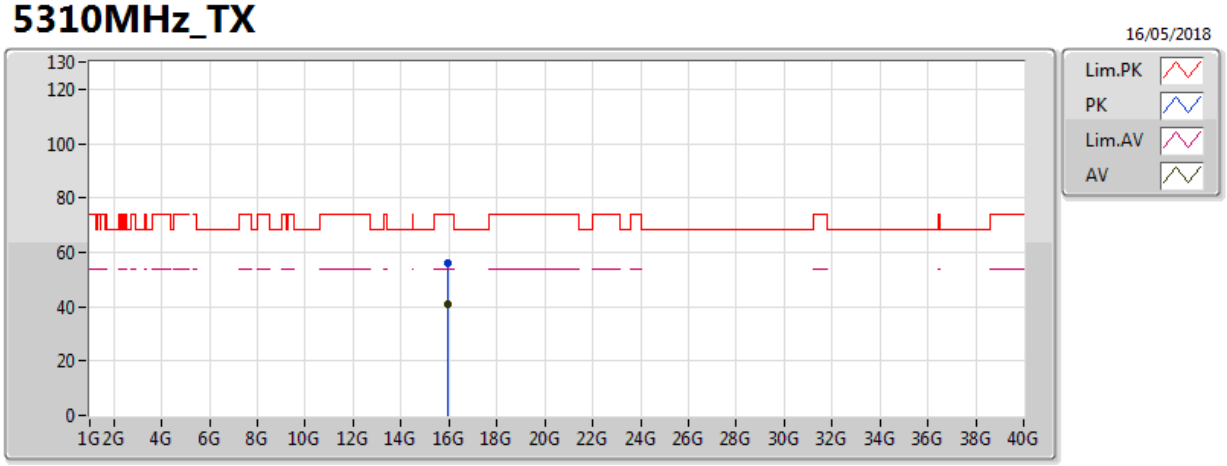


EUT X_2TX
Setting 12
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.93G	54.83	74.00	-19.17	14.97	3	Vertical	125	1.11	-
AV	15.9344G	41.10	54.00	-12.90	14.96	3	Vertical	125	1.11	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

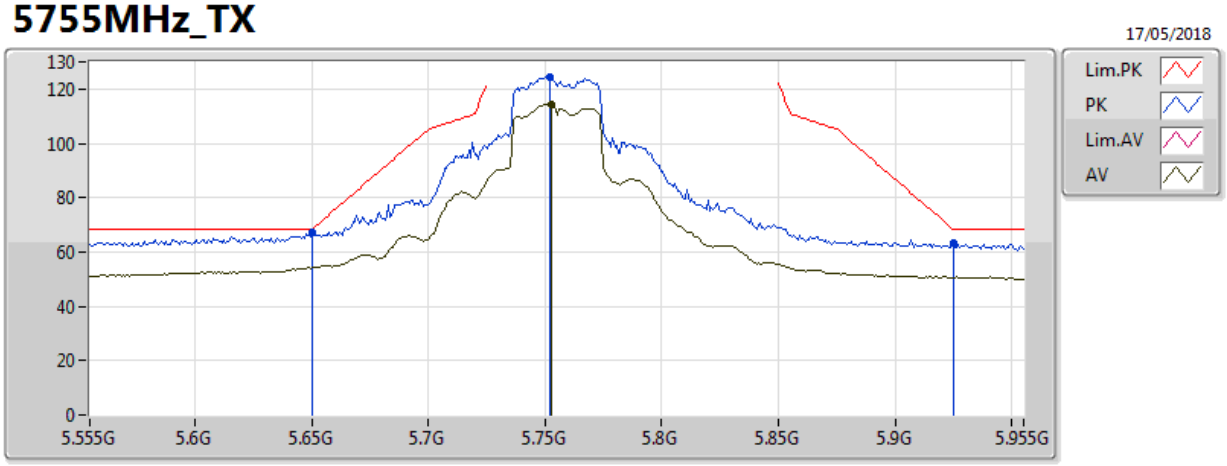


EUT X_2TX
Setting 12
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.92688G	55.97	74.00	-18.03	14.98	3	Horizontal	303	1.02	-
AV	15.92508G	41.14	54.00	-12.86	14.99	3	Horizontal	303	1.02	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

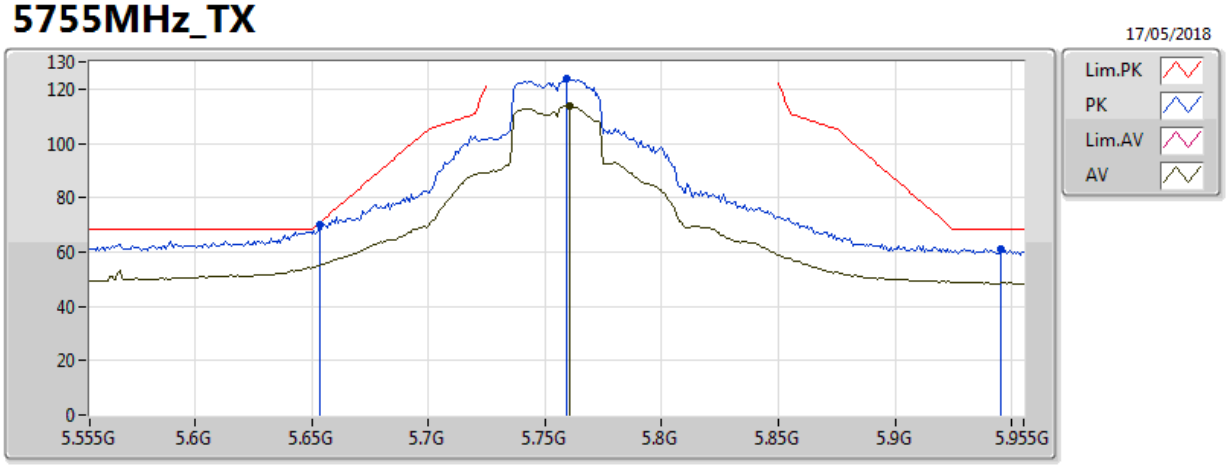


EUT X_2TX
Setting 20.5
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6502G	67.03	68.35	-1.32	9.20	3	Vertical	360	1.50	-
PK	5.7518G	124.57	Inf	-Inf	9.23	3	Vertical	360	1.50	-
AV	5.7526G	114.43	Inf	-Inf	9.23	3	Vertical	360	1.50	-
PK	5.925006G	63.31	68.20	-4.89	9.35	3	Vertical	360	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

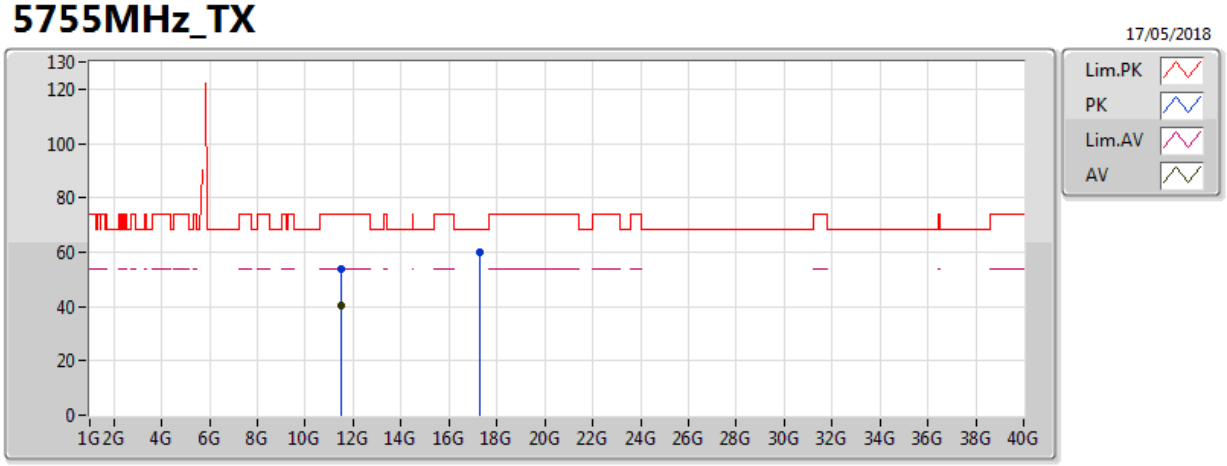


EUT X_2TX
Setting 20.5
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6534G	70.08	70.72	-0.64	9.20	3	Horizontal	360	1.54	-
PK	5.759G	123.65	Inf	-Inf	9.23	3	Horizontal	360	1.54	-
AV	5.7606G	113.72	Inf	-Inf	9.23	3	Horizontal	360	1.54	-
PK	5.9454G	61.28	68.20	-6.92	9.36	3	Horizontal	360	1.54	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

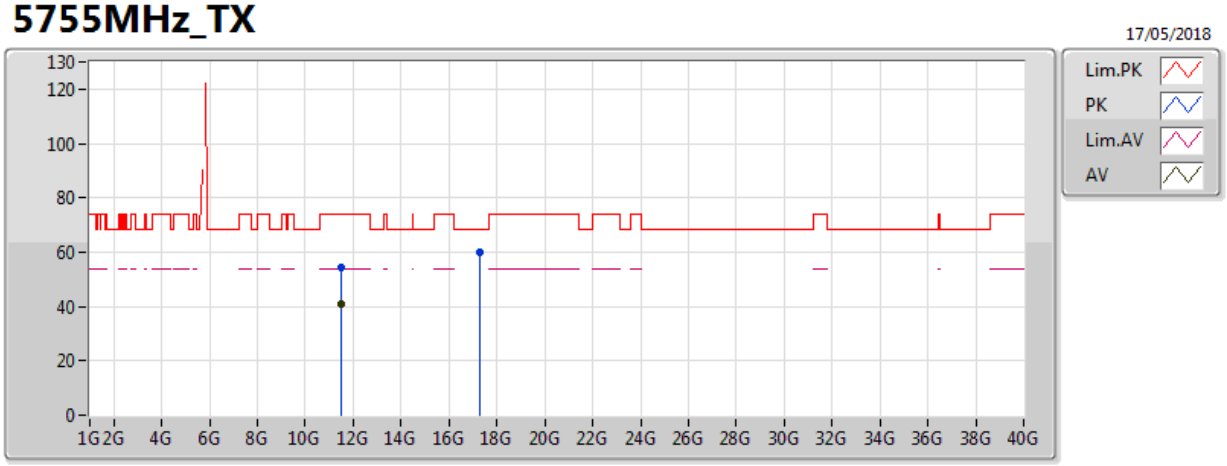


EUT X_2TX
Setting 20.5
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5124G	54.05	74.00	-19.95	14.62	3	Vertical	3	1.04	-
AV	11.52128G	40.56	54.00	-13.44	14.64	3	Vertical	3	1.04	-
PK	17.27982G	59.94	68.20	-8.26	20.67	3	Vertical	130	2.52	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

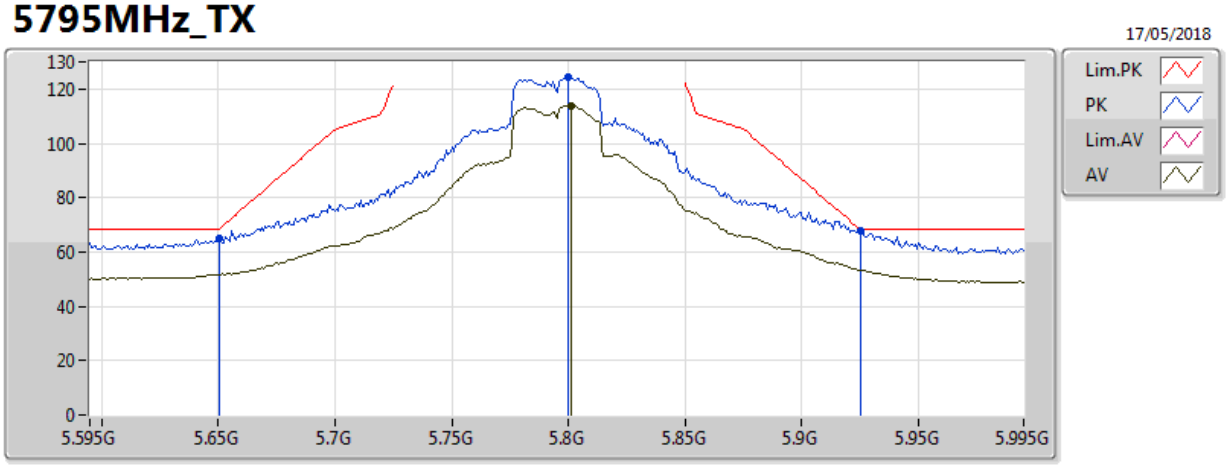


EUT X_2TX
Setting 20.5
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.51978G	54.46	74.00	-19.54	14.63	3	Horizontal	68	1.52	-
AV	11.51816G	40.69	54.00	-13.31	14.63	3	Horizontal	68	1.52	-
PK	17.25696G	60.23	68.20	-7.97	20.53	3	Horizontal	236	1.47	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

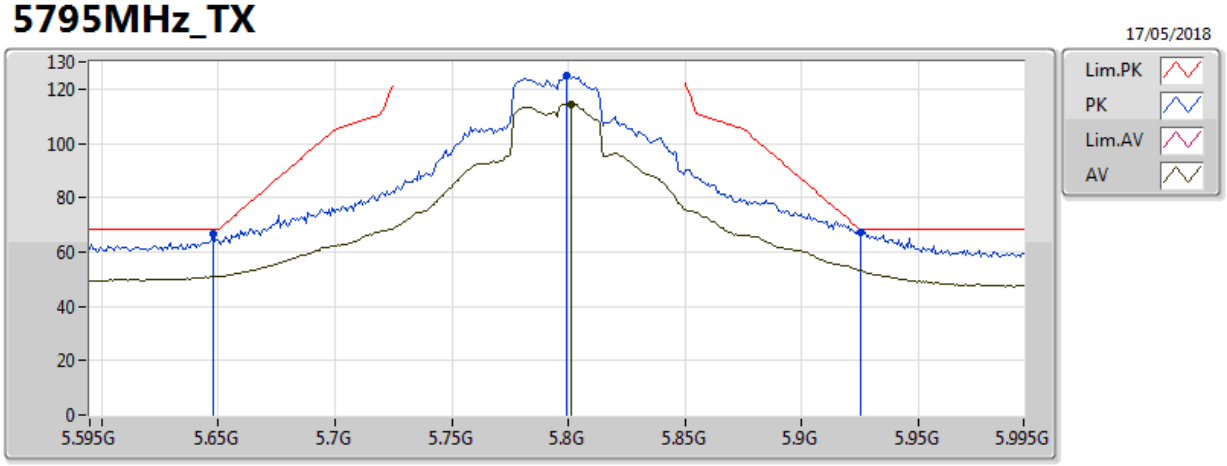


EUT X_2TX
Setting 21.5
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6502G	65.22	68.35	-3.13	9.20	3	Vertical	2	1.57	-
PK	5.7998G	124.39	Inf	-Inf	9.24	3	Vertical	2	1.57	-
AV	5.8014G	113.99	Inf	-Inf	9.24	3	Vertical	2	1.57	-
PK	5.9254G	67.55	68.20	-0.65	9.35	3	Vertical	2	1.57	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

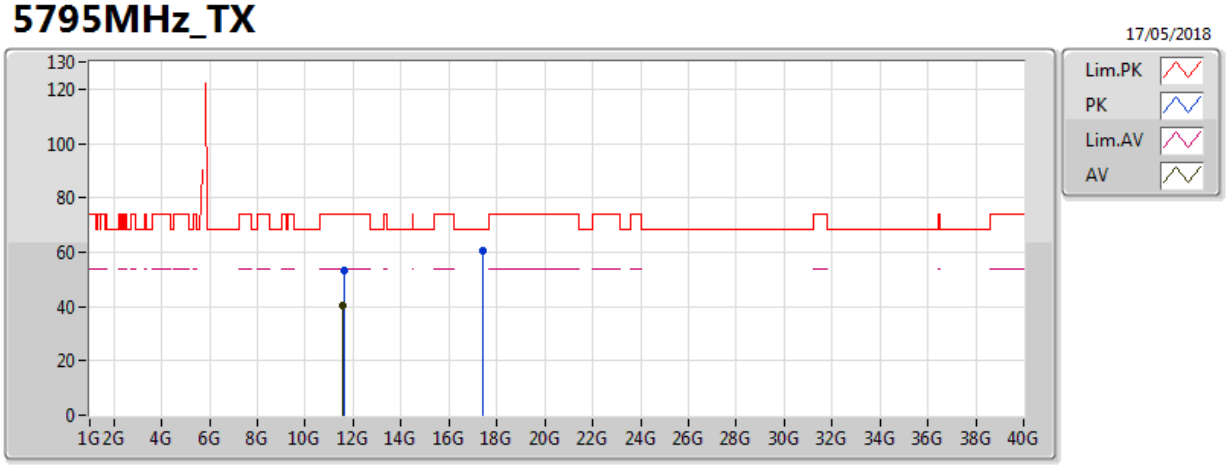


EUT X_2TX
Setting 21.5
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6478G	66.51	68.20	-1.69	9.20	3	Horizontal	1	1.50	-
PK	5.799G	124.84	Inf	-Inf	9.24	3	Horizontal	1	1.50	-
AV	5.8014G	114.58	Inf	-Inf	9.24	3	Horizontal	1	1.50	-
PK	5.925006G	67.51	68.20	-0.69	9.35	3	Horizontal	1	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

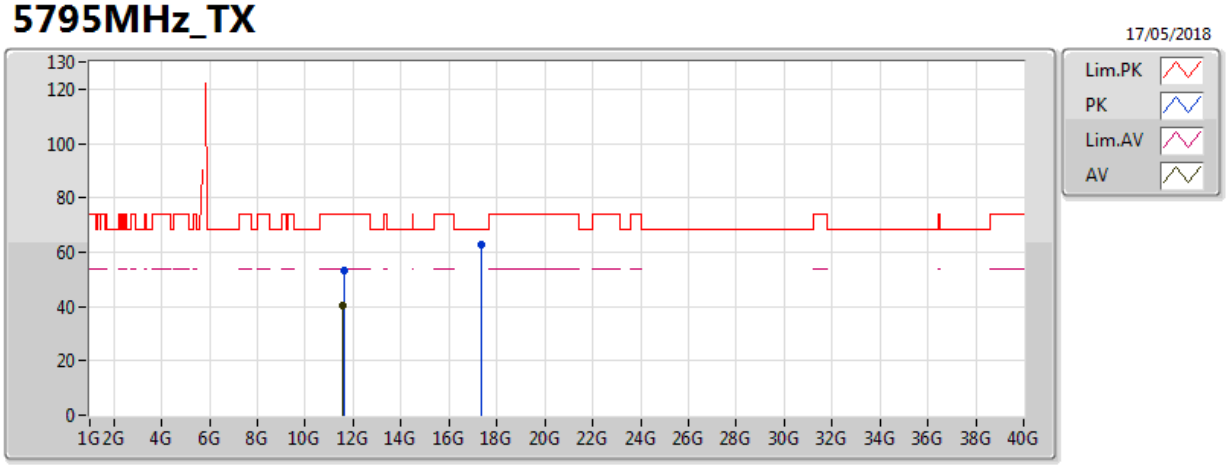


EUT X_2TX
Setting 21.5
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5996G	53.34	74.00	-20.66	14.73	3	Vertical	359	1.23	-
AV	11.58502G	40.25	54.00	-13.75	14.71	3	Vertical	359	1.23	-
PK	17.38554G	60.53	68.20	-7.67	21.29	3	Vertical	129	1.48	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

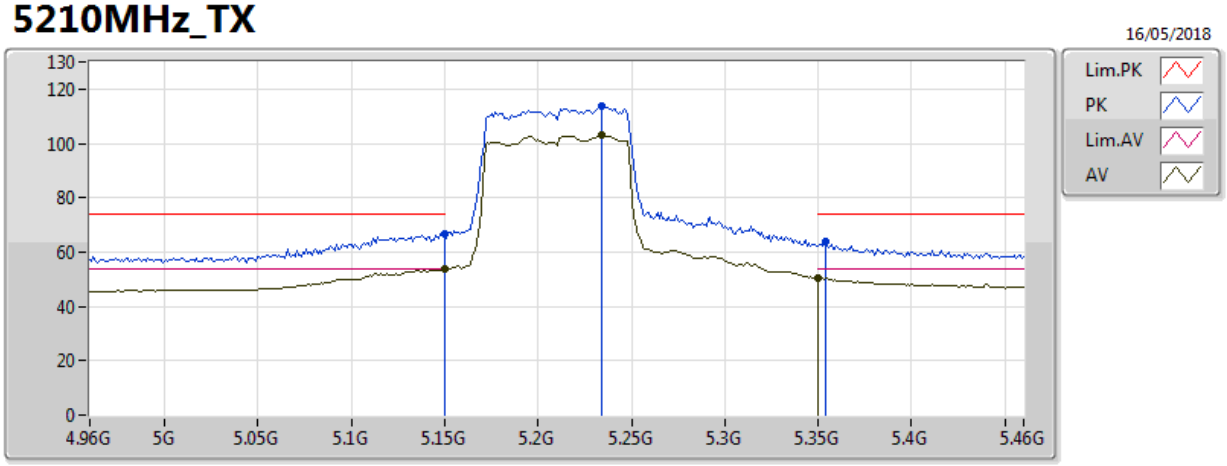


EUT X_2TX
Setting 21.5
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.60362G	53.16	74.00	-20.84	14.73	3	Horizontal	99	1.51	-
AV	11.58028G	40.14	54.00	-13.86	14.70	3	Horizontal	99	1.51	-
PK	17.38248G	62.56	68.20	-5.64	21.27	3	Horizontal	233	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

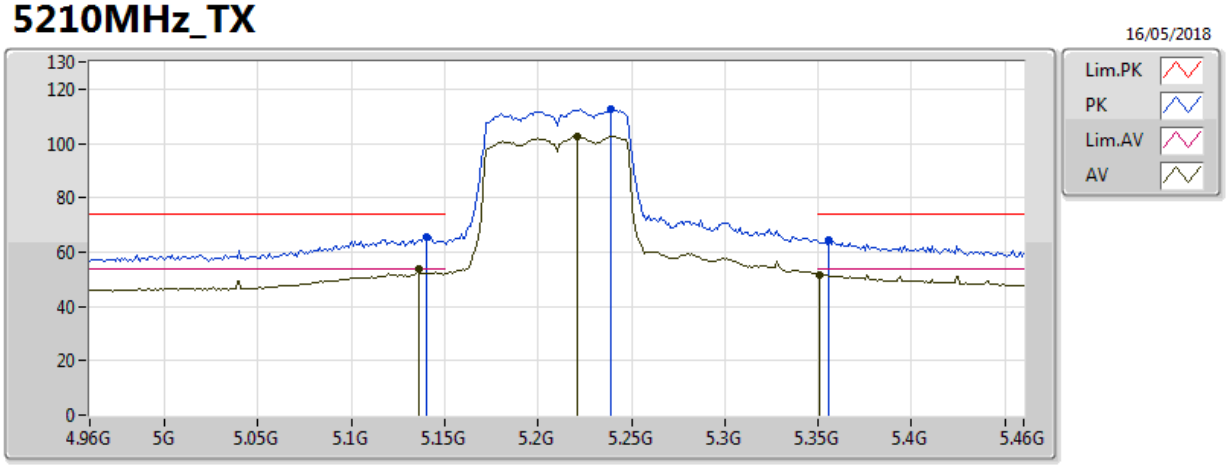


EUT X_2TX
Setting 15.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	66.88	74.00	-7.12	8.54	3	Vertical	13	1.88	-
AV	5.149995G	53.65	54.00	-0.35	8.54	3	Vertical	13	1.88	-
PK	5.234G	113.62	Inf	-Inf	8.68	3	Vertical	13	1.88	-
AV	5.234G	102.96	Inf	-Inf	8.68	3	Vertical	13	1.88	-
PK	5.354G	63.99	74.00	-10.01	8.84	3	Vertical	13	1.88	-
AV	5.350005G	50.45	54.00	-3.55	8.84	3	Vertical	13	1.88	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

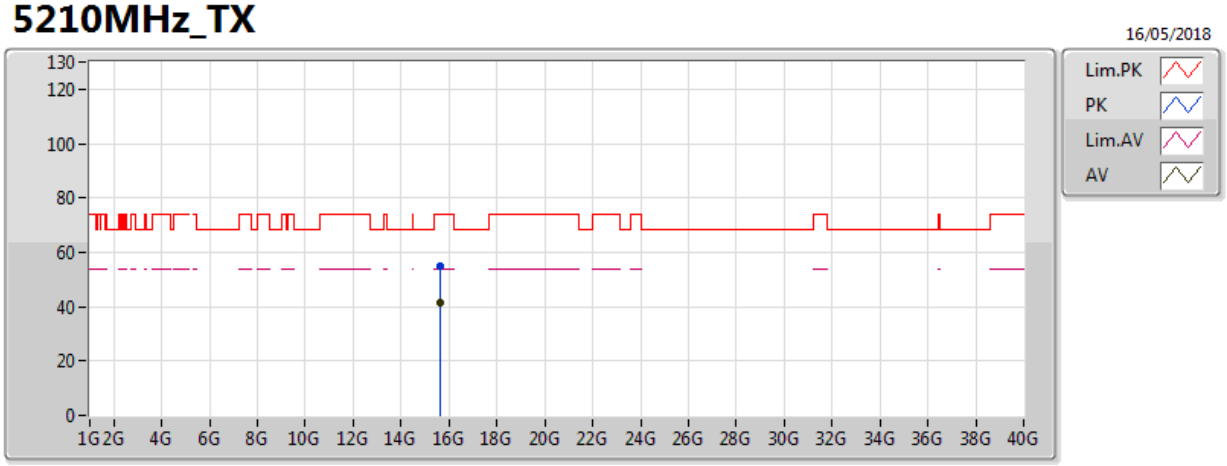


EUT X_2TX
Setting 15.5
02-J-1-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.14G	65.52	74.00	-8.48	8.53	3	Horizontal	13	1.86	-
AV	5.136G	53.97	54.00	-0.03	8.53	3	Horizontal	13	1.86	-
PK	5.239G	112.78	Inf	-Inf	8.69	3	Horizontal	13	1.86	-
AV	5.221G	102.72	Inf	-Inf	8.67	3	Horizontal	13	1.86	-
PK	5.356G	64.34	74.00	-9.66	8.84	3	Horizontal	13	1.86	-
AV	5.351G	51.79	54.00	-2.21	8.84	3	Horizontal	13	1.86	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

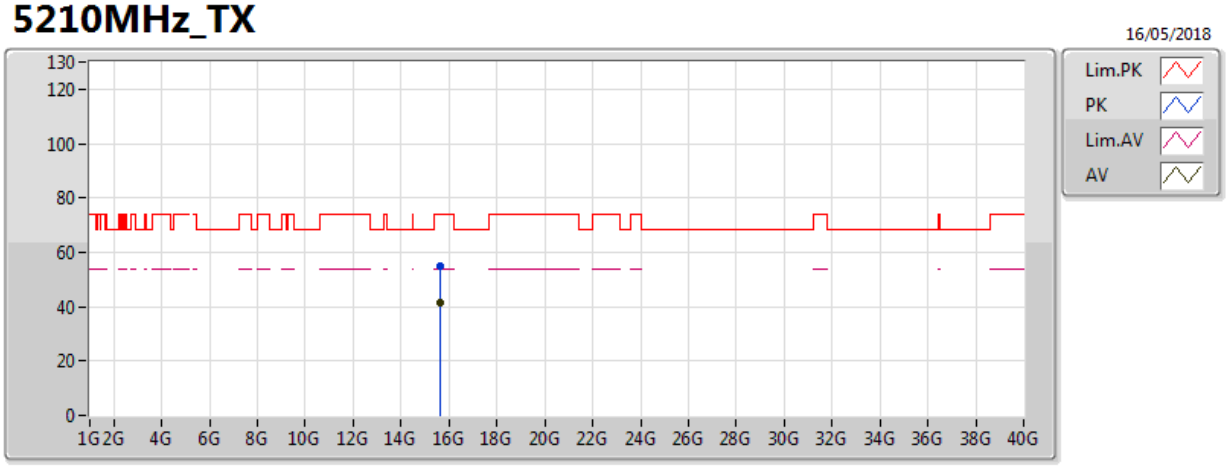


EUT X_2TX
Setting 15.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6094G	54.96	74.00	-19.04	15.78	3	Vertical	14	1.51	-
AV	15.6505G	41.63	54.00	-12.37	15.67	3	Vertical	14	1.51	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

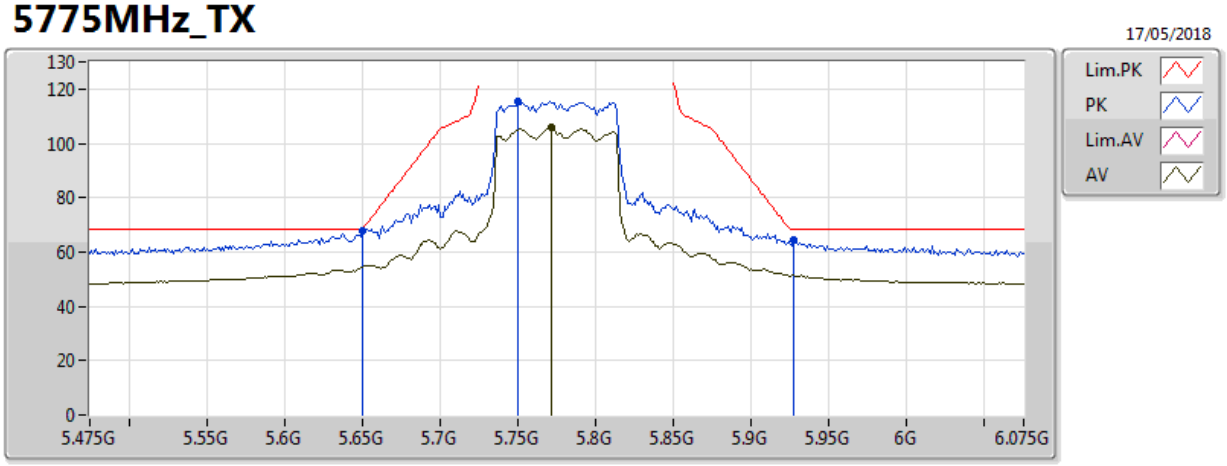


EUT X_2TX
Setting 15.5
02-J-1
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6265G	54.91	74.00	-19.09	15.73	3	Horizontal	7	1.50	-
AV	15.6093G	41.46	54.00	-12.54	15.78	3	Horizontal	7	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

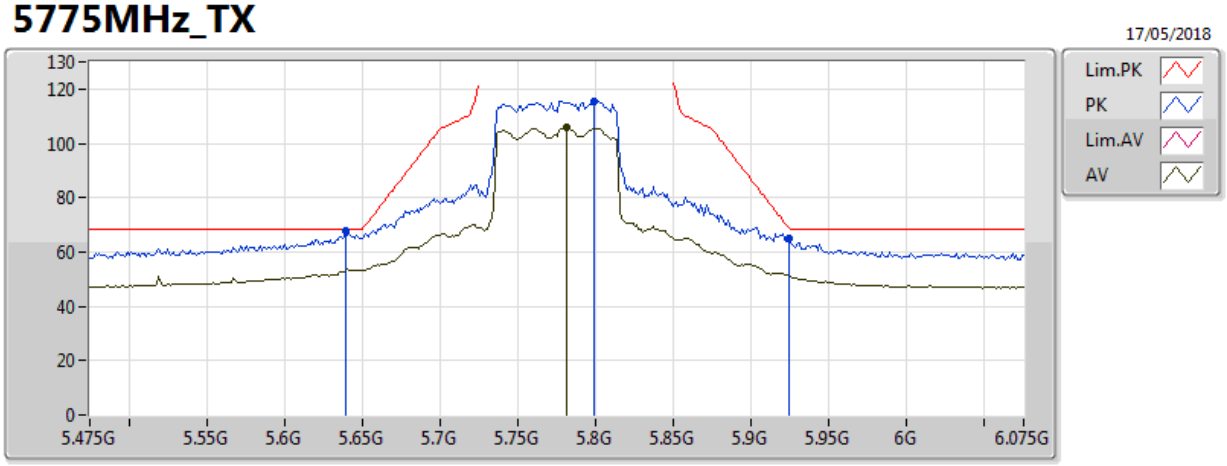


EUT X_2TX
Setting 17
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6502G	67.73	68.35	-0.62	9.20	3	Vertical	1	1.57	-
PK	5.7498G	115.67	Inf	-Inf	9.22	3	Vertical	1	1.57	-
AV	5.7714G	105.79	Inf	-Inf	9.23	3	Vertical	1	1.57	-
PK	5.9274G	64.34	68.20	-3.86	9.35	3	Vertical	1	1.57	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

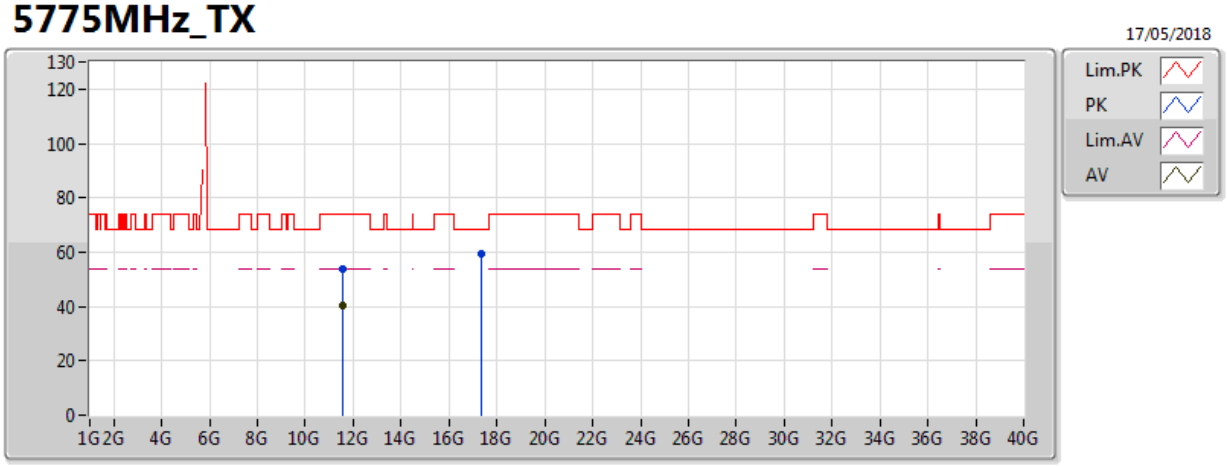


EUT X_2TX
Setting 17
02-L-3-10
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6394G	67.89	68.20	-0.31	9.20	3	Horizontal	1	1.54	-
PK	5.799G	115.54	Inf	-Inf	9.24	3	Horizontal	1	1.54	-
AV	5.781G	105.66	Inf	-Inf	9.23	3	Horizontal	1	1.54	-
PK	5.9238G	64.88	69.09	-4.21	9.33	3	Horizontal	1	1.54	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

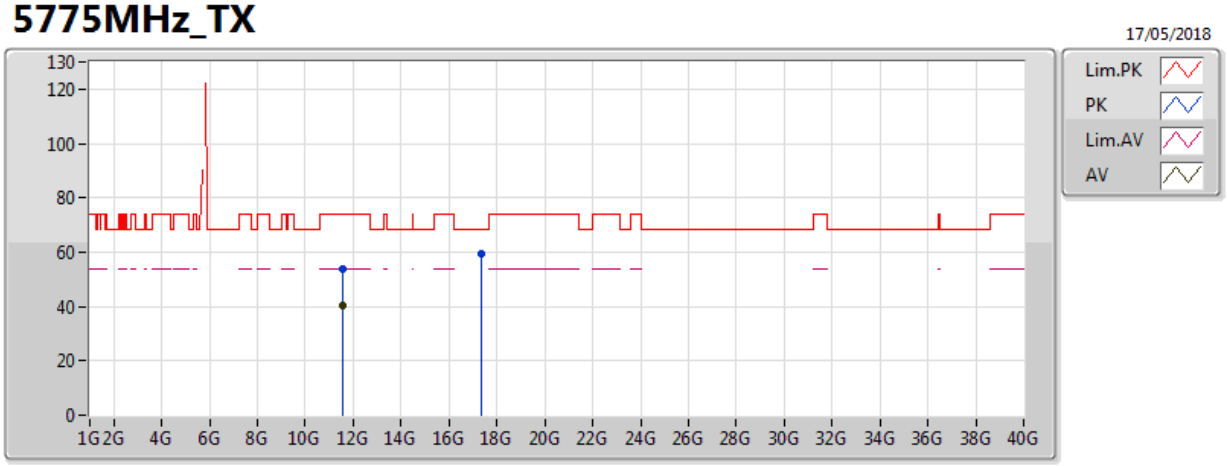


EUT X_2TX
Setting 17
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.54994G	53.67	74.00	-20.33	14.67	3	Vertical	96	1.50	-
AV	11.53998G	40.44	54.00	-13.56	14.66	3	Vertical	96	1.50	-
PK	17.33178G	59.44	68.20	-8.76	20.97	3	Vertical	93	1.36	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

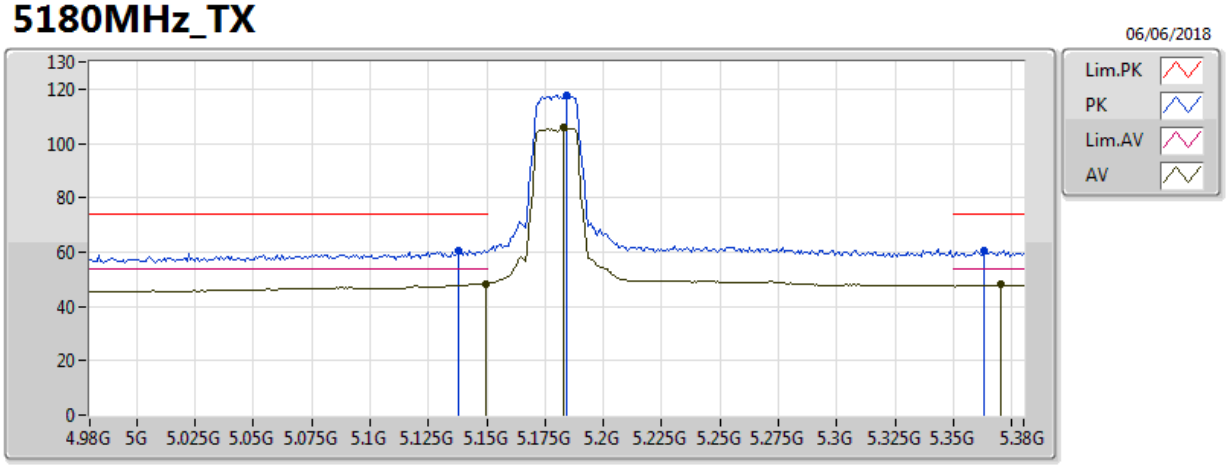


EUT X_2TX
Setting 17
02-L-3
FSU

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5626G	53.79	74.00	-20.21	14.68	3	Horizontal	310	1.37	-
AV	11.5524G	40.57	54.00	-13.43	14.67	3	Horizontal	310	1.37	-
PK	17.33874G	59.34	68.20	-8.86	21.01	3	Horizontal	29	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

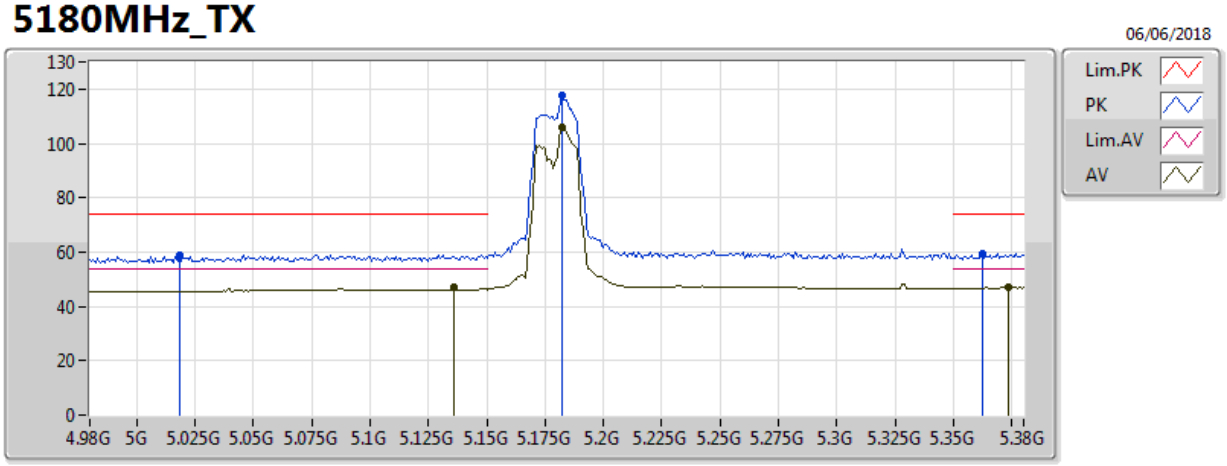


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1376G	60.75	74.00	-13.25	5.71	3	Vertical	345	1.91	-
AV	5.1496G	48.46	54.00	-5.54	5.76	3	Vertical	345	1.91	-
PK	5.184G	117.61	Inf	-Inf	5.89	3	Vertical	345	1.91	-
AV	5.1832G	105.75	Inf	-Inf	5.89	3	Vertical	345	1.91	-
PK	5.3632G	60.45	74.00	-13.55	6.22	3	Vertical	345	1.91	-
AV	5.3704G	47.97	54.00	-6.03	6.24	3	Vertical	345	1.91	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

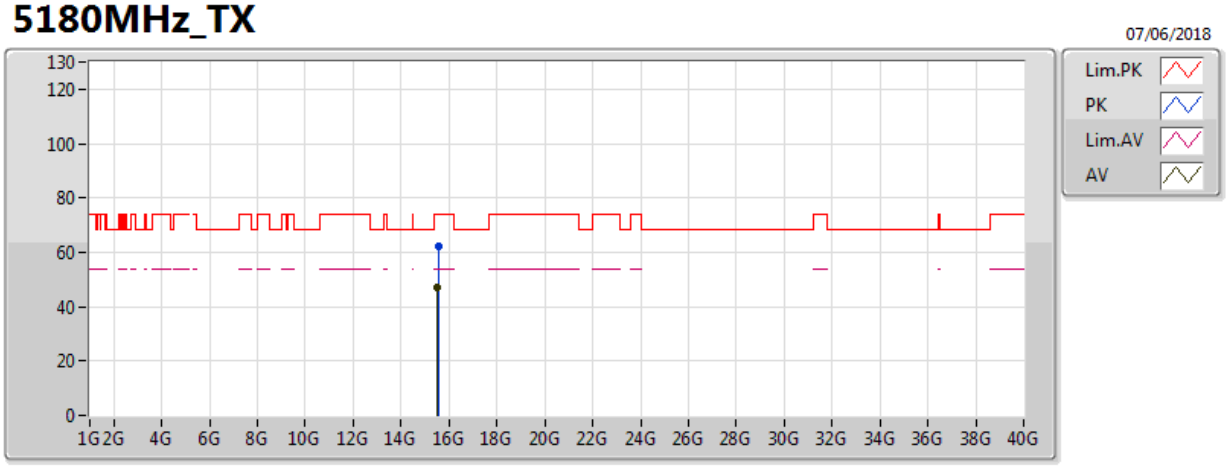


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0184G	58.85	74.00	-15.15	5.17	3	Horizontal	336	1.88	-
AV	5.136G	47.18	54.00	-6.82	5.70	3	Horizontal	336	1.88	-
PK	5.1824G	117.44	Inf	-Inf	5.89	3	Horizontal	336	1.88	-
AV	5.1824G	106.14	Inf	-Inf	5.89	3	Horizontal	336	1.88	-
PK	5.3624G	59.43	74.00	-14.57	6.22	3	Horizontal	336	1.88	-
AV	5.3736G	47.14	54.00	-6.86	6.24	3	Horizontal	336	1.88	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

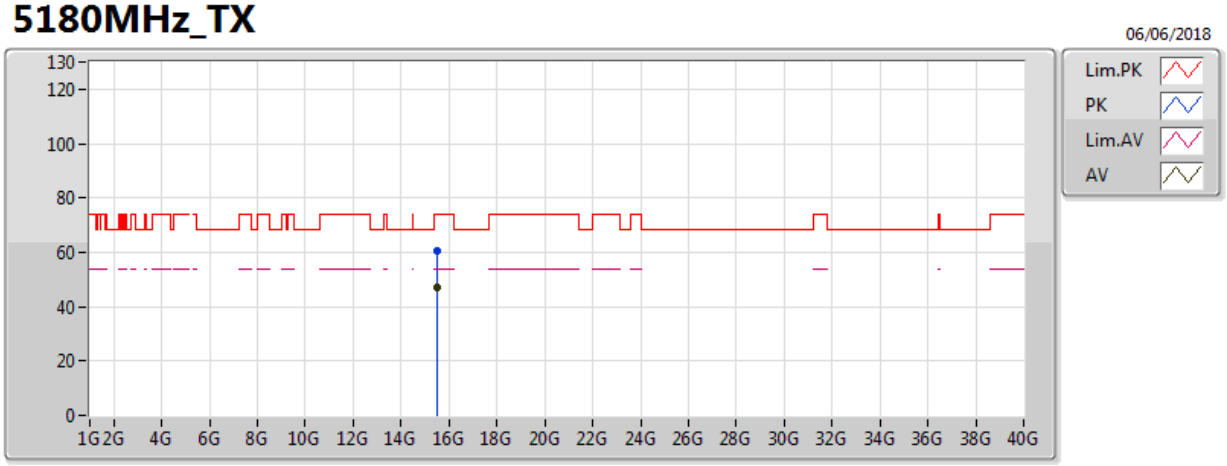


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.53874G	62.16	74.00	-11.84	16.18	3	Vertical	133	1.64	-
AV	15.5364G	47.30	54.00	-6.70	16.19	3	Vertical	133	1.64	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

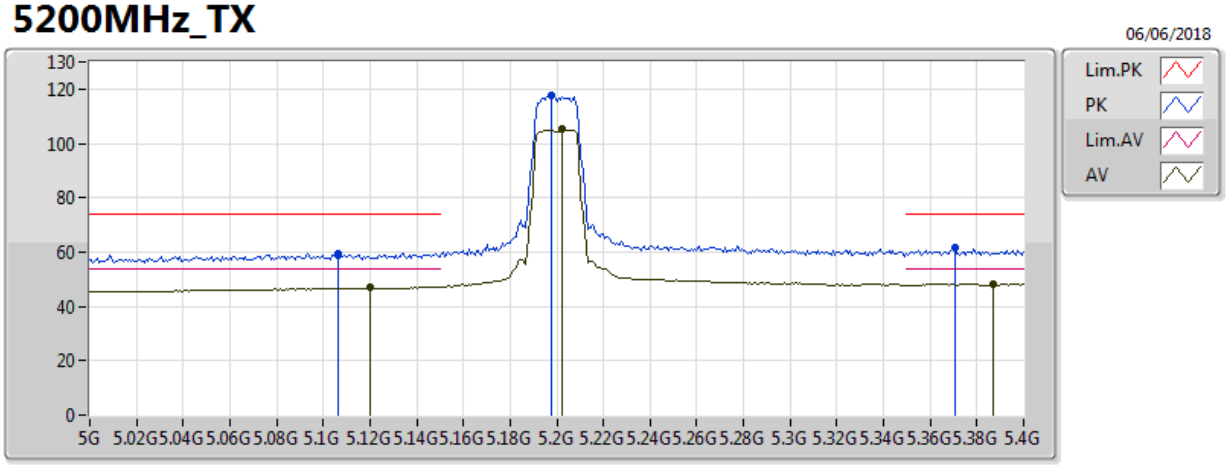


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5295G	60.75	74.00	-13.25	16.21	3	Horizontal	87	1.17	-
AV	15.534G	47.19	54.00	-6.81	16.20	3	Horizontal	87	1.17	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

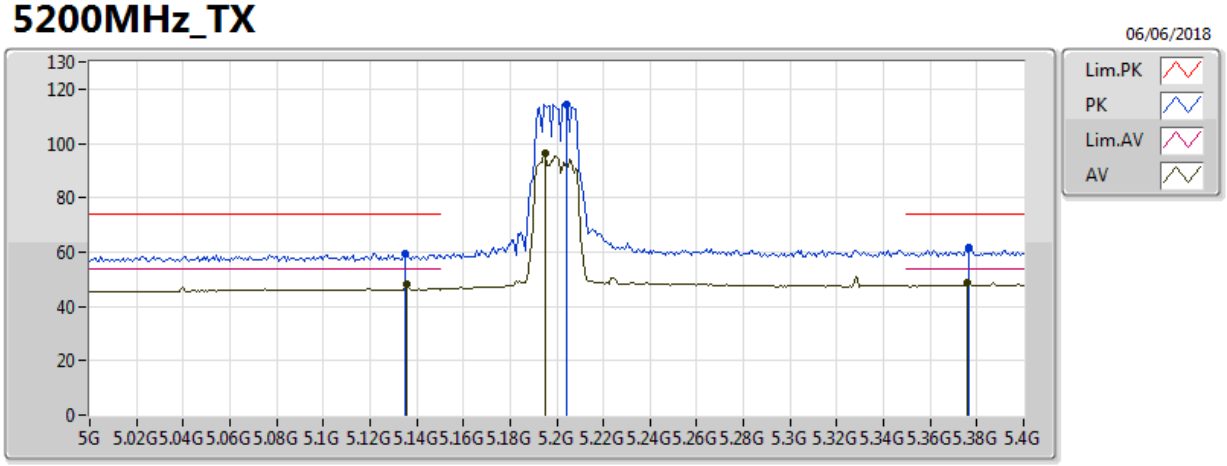


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1064G	59.36	74.00	-14.64	5.58	3	Vertical	346	1.92	-
AV	5.12G	47.24	54.00	-6.76	5.64	3	Vertical	346	1.92	-
PK	5.1976G	117.60	Inf	-Inf	5.95	3	Vertical	346	1.92	-
AV	5.2024G	105.38	Inf	-Inf	5.96	3	Vertical	346	1.92	-
PK	5.3704G	61.71	74.00	-12.29	6.24	3	Vertical	346	1.92	-
AV	5.3872G	48.35	54.00	-5.65	6.27	3	Vertical	346	1.92	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

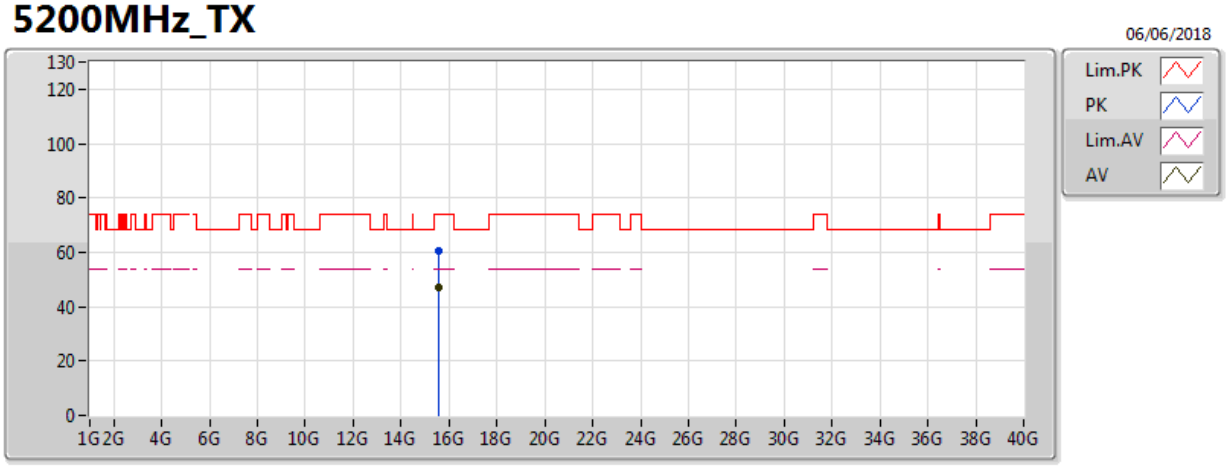


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1352G	59.65	74.00	-14.35	5.69	3	Horizontal	348	1.93	-
AV	5.136G	48.45	54.00	-5.55	5.70	3	Horizontal	348	1.93	-
PK	5.204G	114.53	Inf	-Inf	5.97	3	Horizontal	348	1.93	-
AV	5.1952G	96.36	Inf	-Inf	5.94	3	Horizontal	348	1.93	-
PK	5.3768G	61.64	74.00	-12.36	6.25	3	Horizontal	348	1.93	-
AV	5.376G	48.91	54.00	-5.09	6.25	3	Horizontal	348	1.93	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

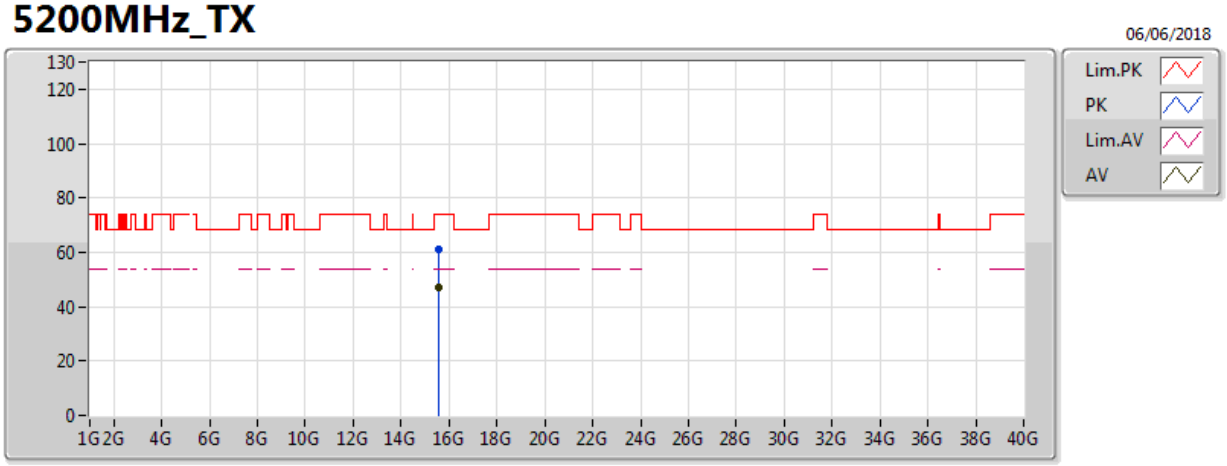


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5964G	60.44	74.00	-13.56	15.98	3	Vertical	63	2.22	-
AV	15.58884G	47.11	54.00	-6.89	16.01	3	Vertical	63	2.22	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

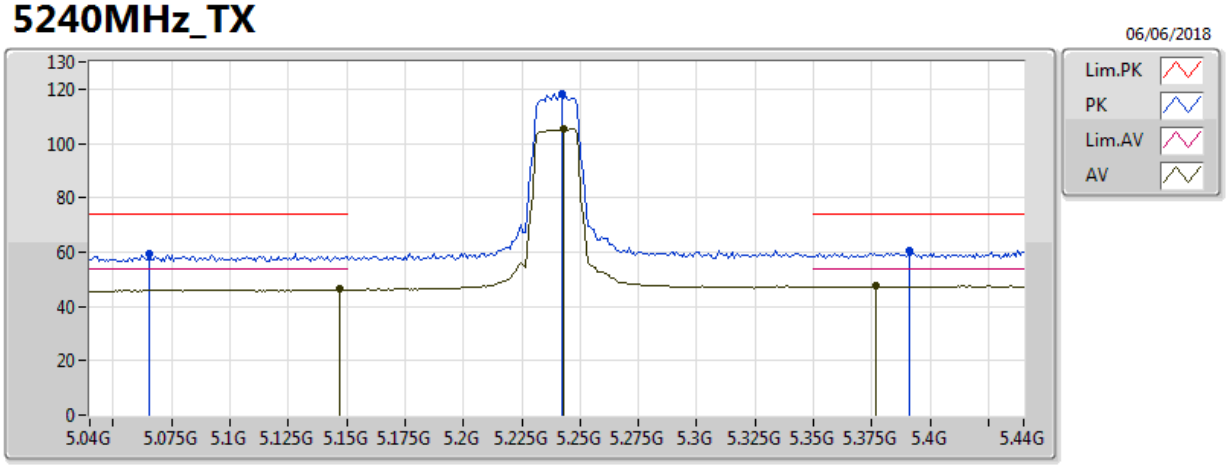


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5919G	61.25	74.00	-12.75	16.00	3	Horizontal	273	2.25	-
AV	15.58548G	47.05	54.00	-6.95	16.02	3	Horizontal	273	2.25	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

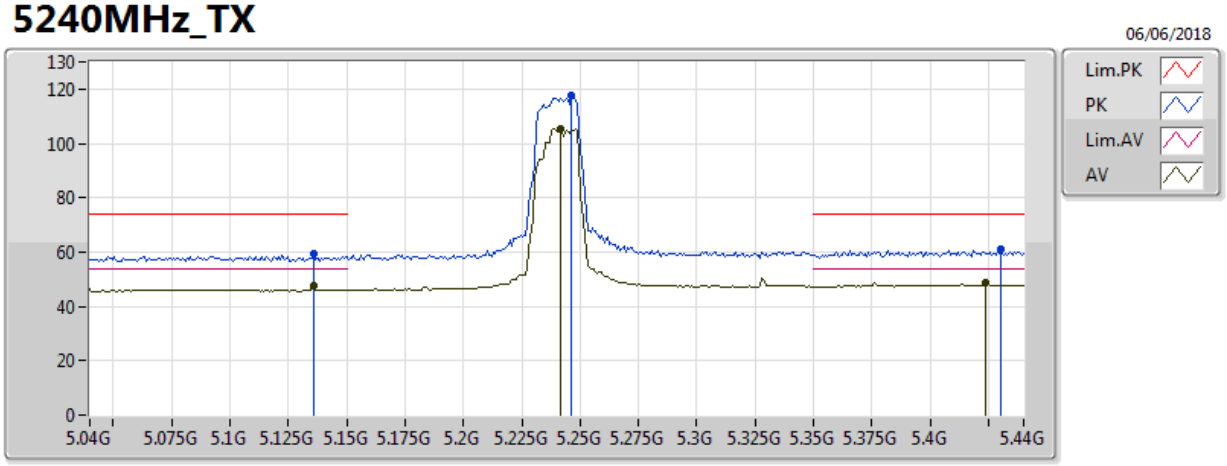


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0656G	59.64	74.00	-14.36	5.39	3	Vertical	345	2.01	-
AV	5.1472G	46.26	54.00	-7.74	5.74	3	Vertical	345	2.01	-
PK	5.2424G	118.23	Inf	-Inf	6.03	3	Vertical	345	2.01	-
AV	5.2432G	105.48	Inf	-Inf	6.03	3	Vertical	345	2.01	-
PK	5.3912G	60.30	74.00	-13.70	6.27	3	Vertical	345	2.01	-
AV	5.3768G	47.43	54.00	-6.57	6.25	3	Vertical	345	2.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

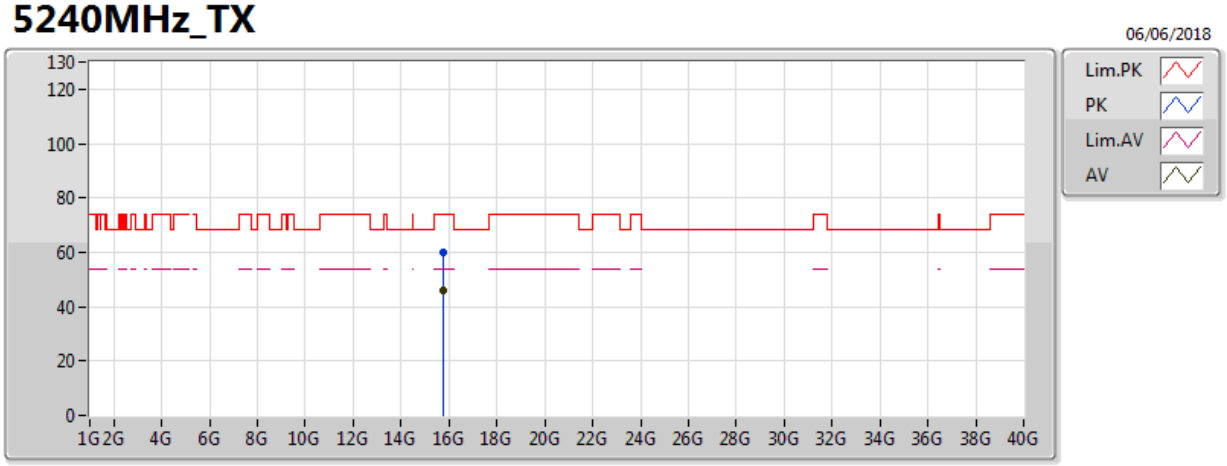


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.136G	59.35	74.00	-14.65	5.70	3	Horizontal	341	1.83	-
AV	5.136G	47.73	54.00	-6.27	5.70	3	Horizontal	341	1.83	-
PK	5.2464G	117.67	Inf	-Inf	6.04	3	Horizontal	341	1.83	-
AV	5.2416G	105.24	Inf	-Inf	6.03	3	Horizontal	341	1.83	-
PK	5.4304G	61.14	74.00	-12.86	6.33	3	Horizontal	341	1.83	-
AV	5.424G	48.70	54.00	-5.30	6.32	3	Horizontal	341	1.83	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

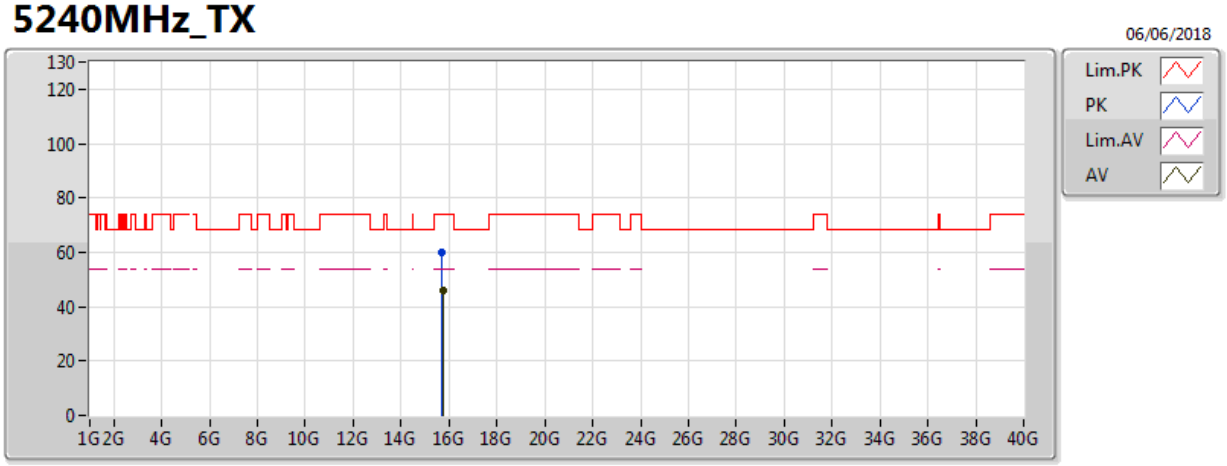


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.73332G	59.95	74.00	-14.05	15.51	3	Vertical	351	1.75	-
AV	15.73338G	46.21	54.00	-7.79	15.51	3	Vertical	351	1.75	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

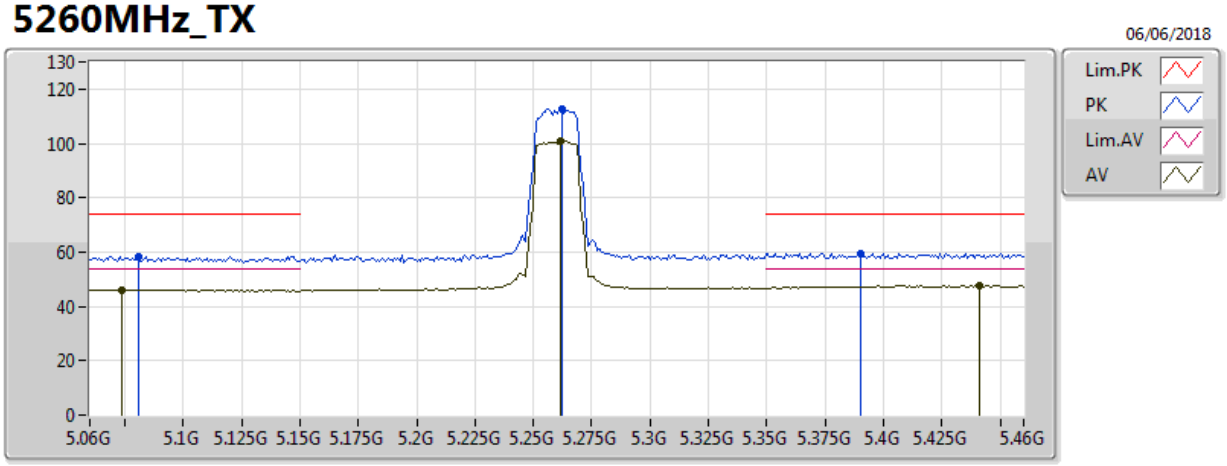


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.70986G	60.00	74.00	-14.00	15.59	3	Horizontal	331	1.13	-
AV	15.7338G	46.19	54.00	-7.81	15.51	3	Horizontal	331	1.13	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

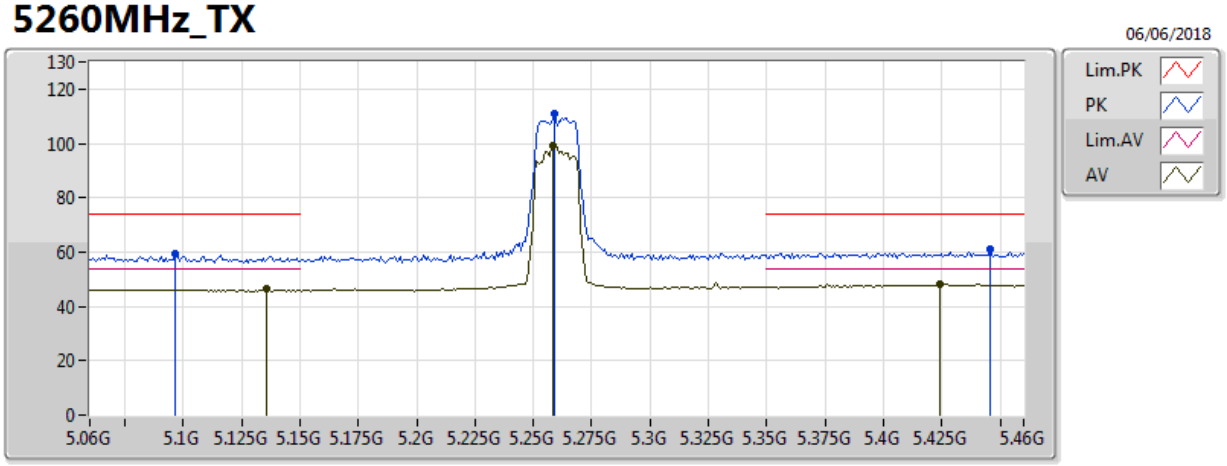


EUT X_2TX
Setting 12
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0808G	58.42	74.00	-15.58	5.47	3	Vertical	344	2.02	-
AV	5.0736G	46.21	54.00	-7.79	5.43	3	Vertical	344	2.02	-
PK	5.2624G	112.64	Inf	-Inf	6.07	3	Vertical	344	2.02	-
AV	5.2616G	101.03	Inf	-Inf	6.06	3	Vertical	344	2.02	-
PK	5.3904G	59.66	74.00	-14.34	6.27	3	Vertical	344	2.02	-
AV	5.4408G	47.63	54.00	-6.37	6.34	3	Vertical	344	2.02	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

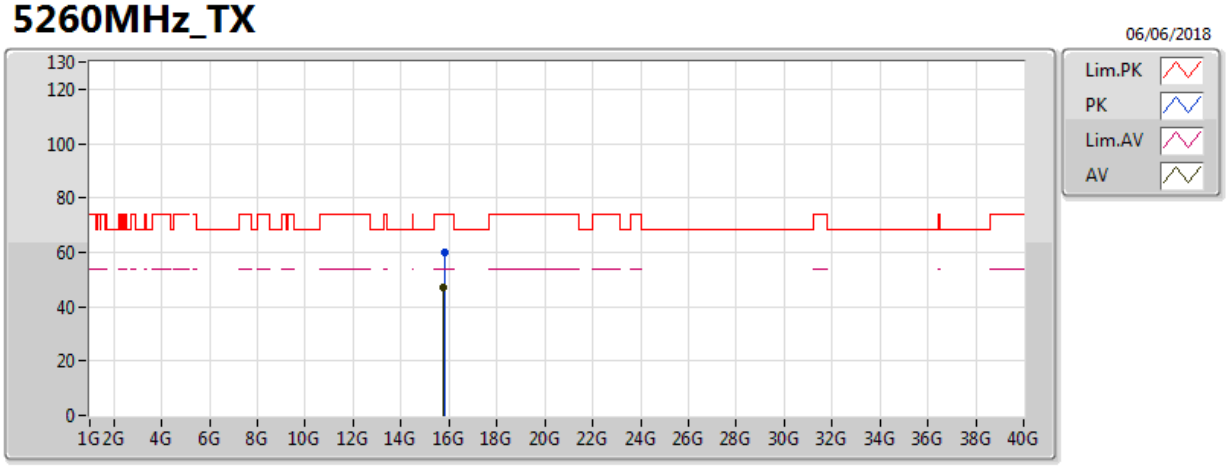


EUT X_2TX
Setting 12
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0968G	59.48	74.00	-14.52	5.53	3	Horizontal	345	1.76	-
AV	5.136G	46.25	54.00	-7.75	5.70	3	Horizontal	345	1.76	-
PK	5.2592G	110.98	Inf	-Inf	6.06	3	Horizontal	345	1.76	-
AV	5.2584G	99.45	Inf	-Inf	6.06	3	Horizontal	345	1.76	-
PK	5.4456G	60.98	74.00	-13.02	6.35	3	Horizontal	345	1.76	-
AV	5.424G	48.41	54.00	-5.59	6.32	3	Horizontal	345	1.76	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

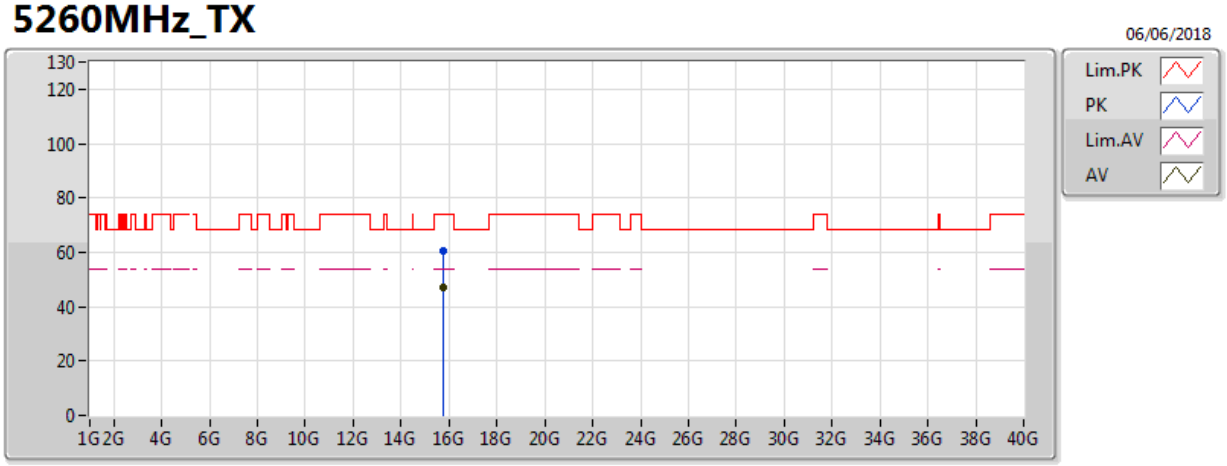


EUT X_2TX
Setting 12
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.79392G	59.94	74.00	-14.06	15.30	3	Vertical	295	2.30	-
AV	15.78546G	47.03	54.00	-6.97	15.33	3	Vertical	295	2.30	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

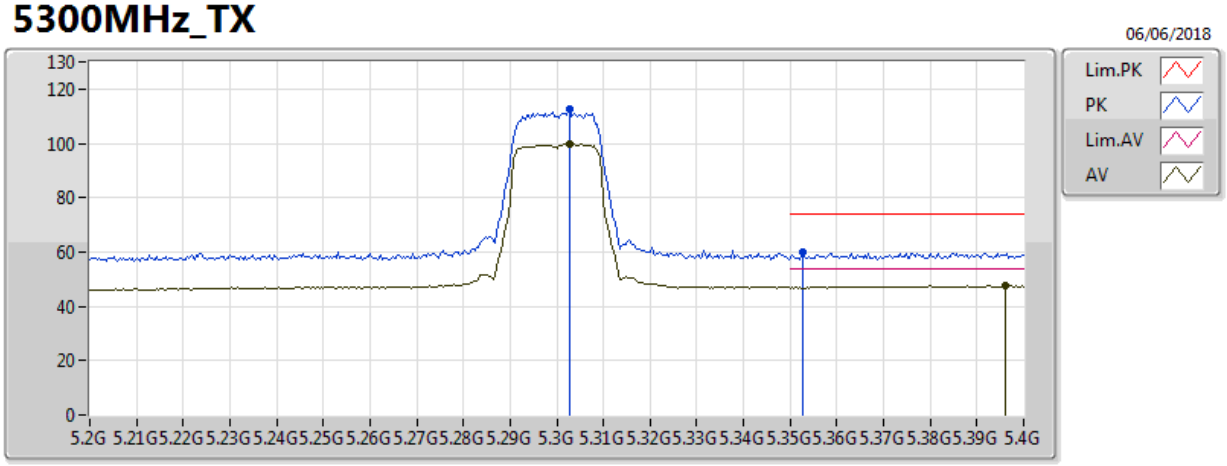


EUT X_2TX
Setting 12
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.77538G	60.45	74.00	-13.55	15.36	3	Horizontal	331	2.44	-
AV	15.76908G	46.97	54.00	-7.03	15.39	3	Horizontal	331	2.44	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

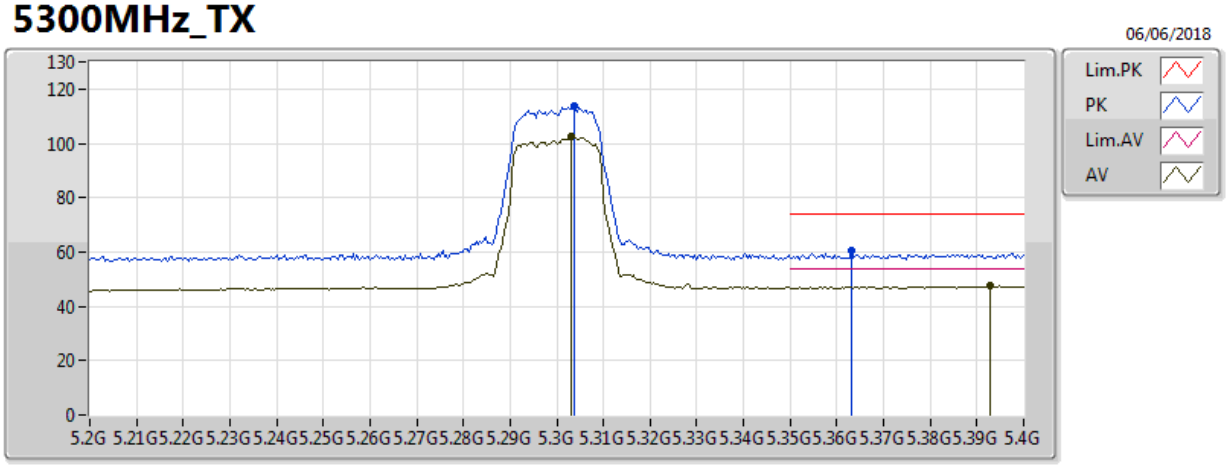


EUT X_2TX
Setting 12
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3028G	112.69	Inf	-Inf	6.13	3	Vertical	345	1.90	-
AV	5.3028G	99.92	Inf	-Inf	6.13	3	Vertical	345	1.90	-
PK	5.3528G	59.84	74.00	-14.16	6.21	3	Vertical	345	1.90	-
AV	5.396G	47.64	54.00	-6.36	6.28	3	Vertical	345	1.90	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

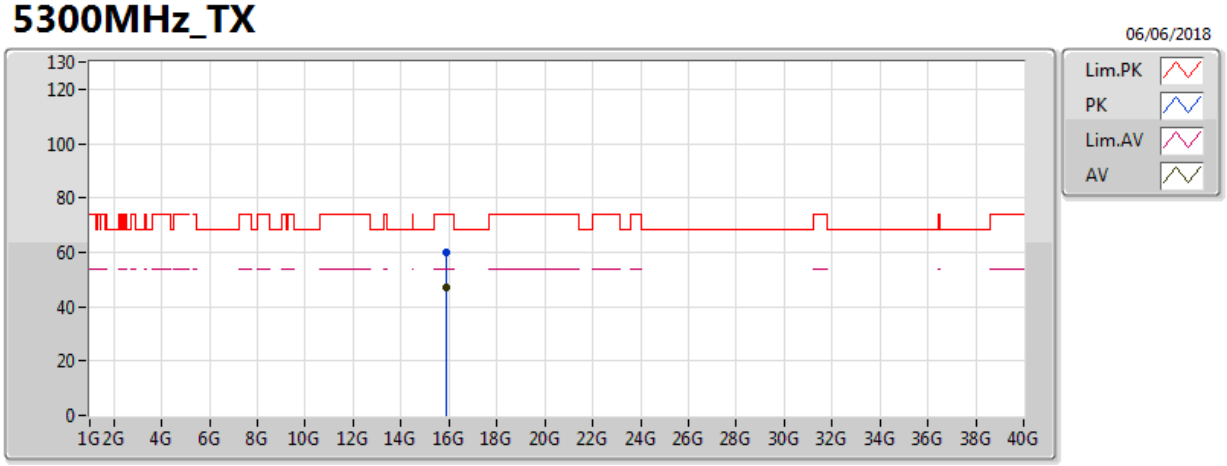


EUT X_2TX
Setting 12
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3036G	113.53	Inf	-Inf	6.14	3	Horizontal	343	1.84	-
AV	5.3032G	102.60	Inf	-Inf	6.14	3	Horizontal	343	1.84	-
PK	5.3632G	60.69	74.00	-13.31	6.22	3	Horizontal	343	1.84	-
AV	5.3928G	47.49	54.00	-6.51	6.28	3	Horizontal	343	1.84	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

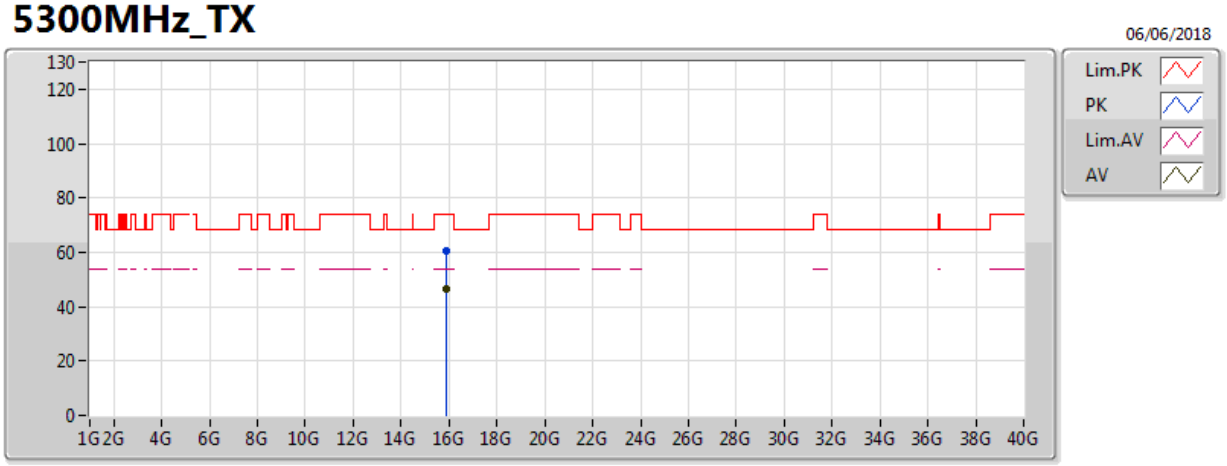


EUT X_2TX
Setting 12
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.90732G	59.70	74.00	-14.30	14.91	3	Vertical	114	2.30	-
AV	15.89256G	46.94	54.00	-7.06	14.96	3	Vertical	114	2.30	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

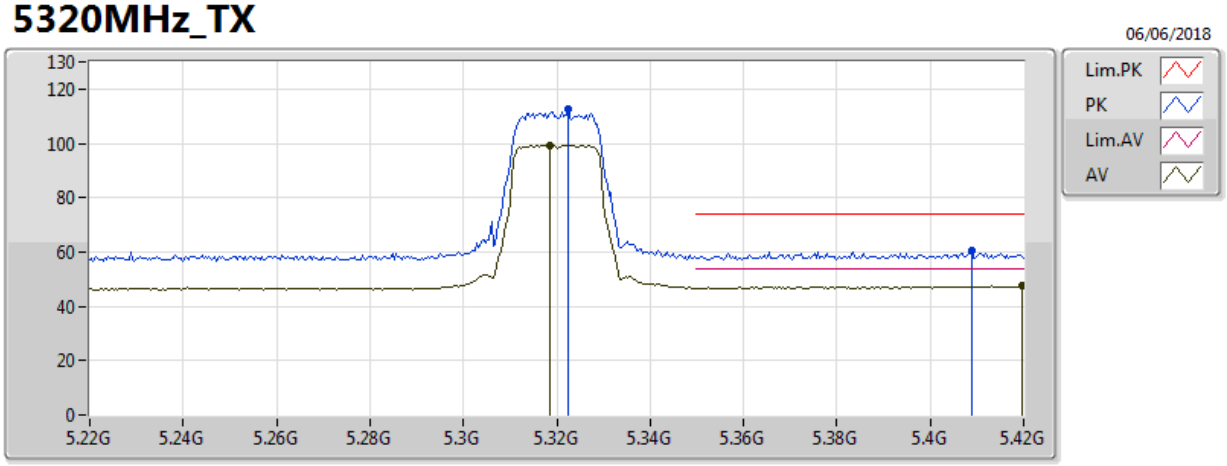


EUT X_2TX
Setting 12
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.91182G	60.55	74.00	-13.45	14.89	3	Horizontal	257	1.27	-
AV	15.888G	46.74	54.00	-7.26	14.98	3	Horizontal	257	1.27	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

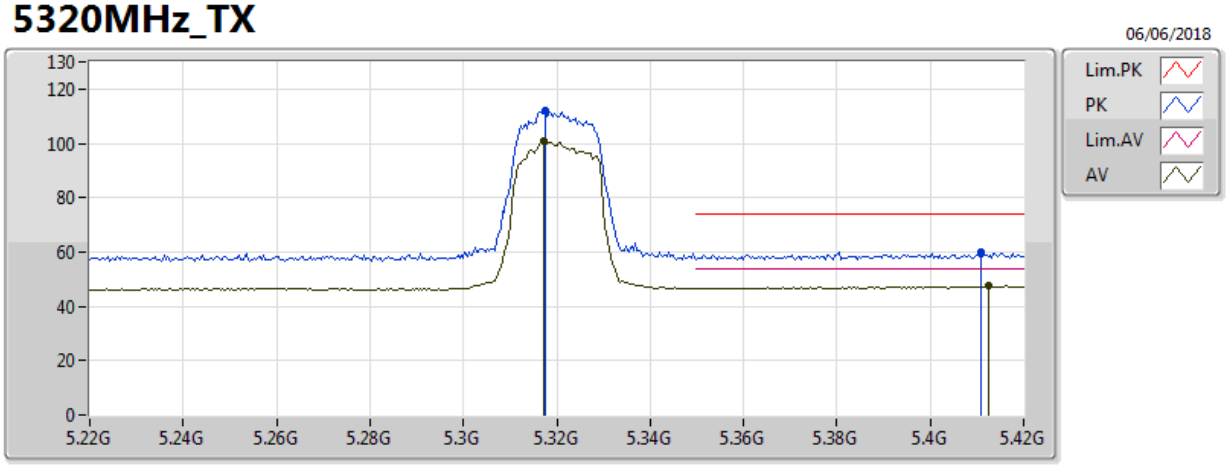


EUT X_2TX
Setting 12.5
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3224G	112.53	Inf	-Inf	6.17	3	Vertical	345	1.93	-
AV	5.3184G	99.37	Inf	-Inf	6.16	3	Vertical	345	1.93	-
PK	5.4088G	60.42	74.00	-13.58	6.31	3	Vertical	345	1.93	-
AV	5.4196G	47.42	54.00	-6.58	6.32	3	Vertical	345	1.93	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

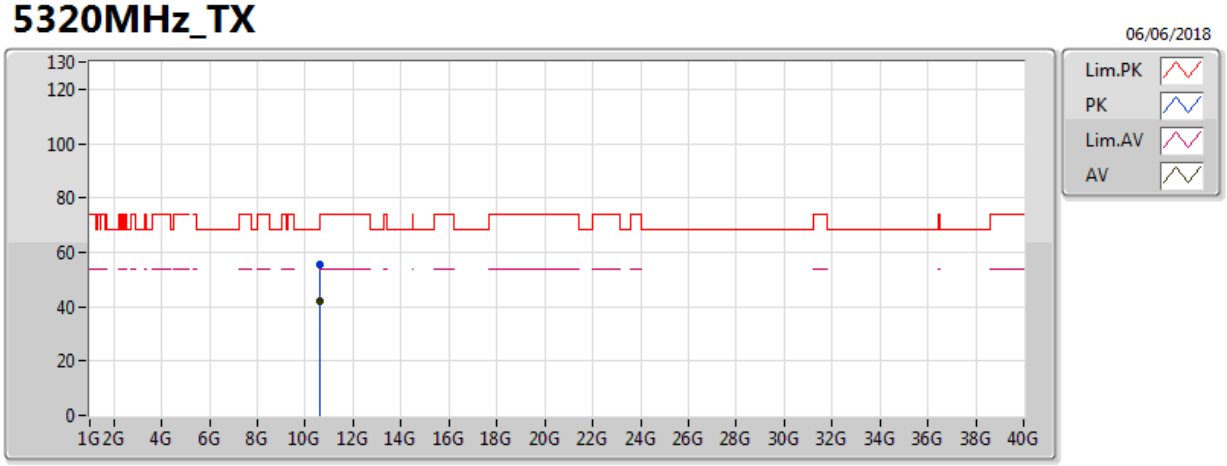


EUT X_2TX
Setting 12.5
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3176G	112.12	Inf	-Inf	6.16	3	Horizontal	337	2.00	-
AV	5.3172G	100.84	Inf	-Inf	6.16	3	Horizontal	337	2.00	-
PK	5.4108G	60.16	74.00	-13.84	6.31	3	Horizontal	337	2.00	-
AV	5.4124G	47.41	54.00	-6.59	6.31	3	Horizontal	337	2.00	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

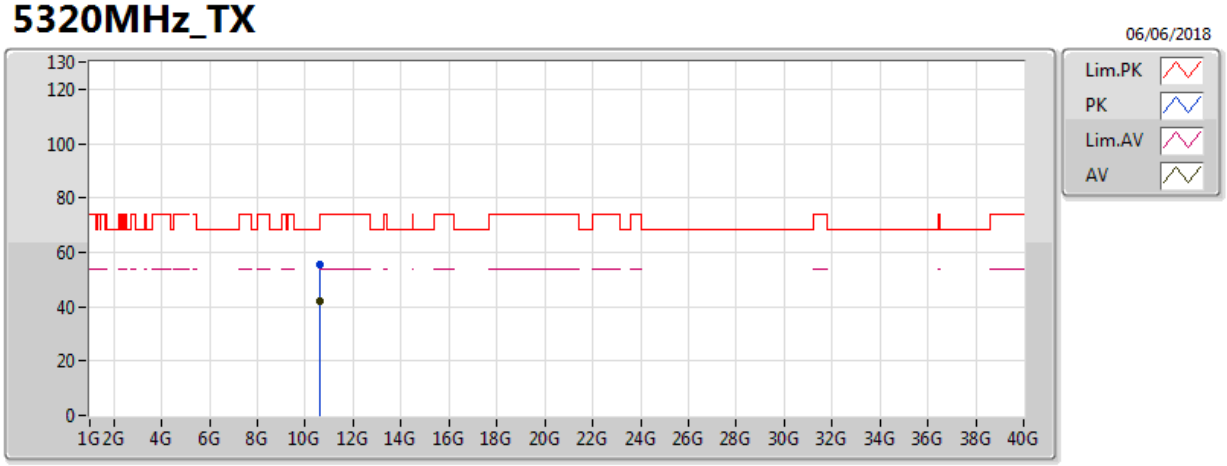


EUT X_2TX
Setting 12.5
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.62932G	55.25	74.00	-18.75	13.46	3	Vertical	230	2.05	-
AV	10.625G	41.87	54.00	-12.13	13.45	3	Vertical	230	2.05	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

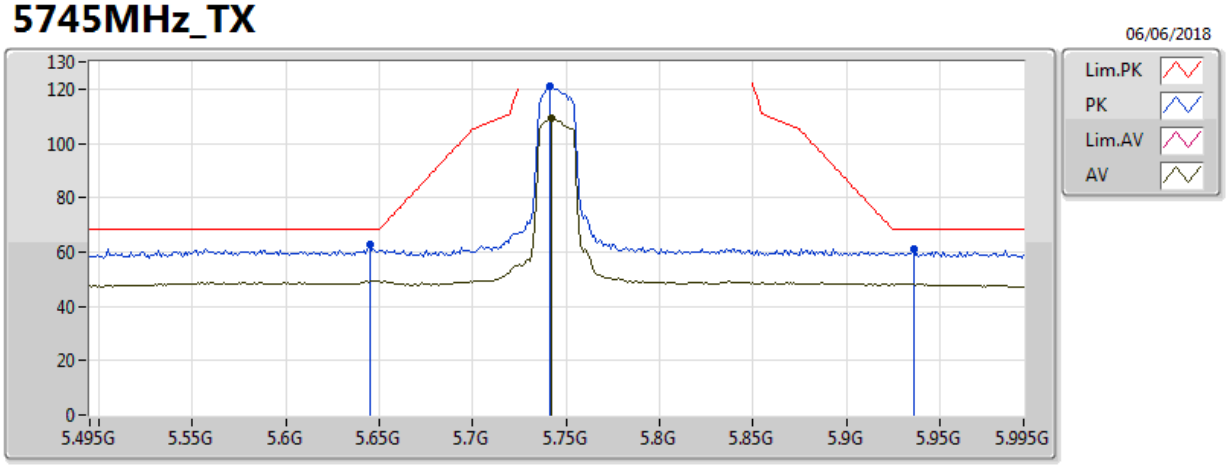


EUT X_2TX
Setting 12.5
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.637G	55.41	74.00	-18.59	13.47	3	Horizontal	7	1.51	-
AV	10.62668G	41.96	54.00	-12.04	13.46	3	Horizontal	7	1.51	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

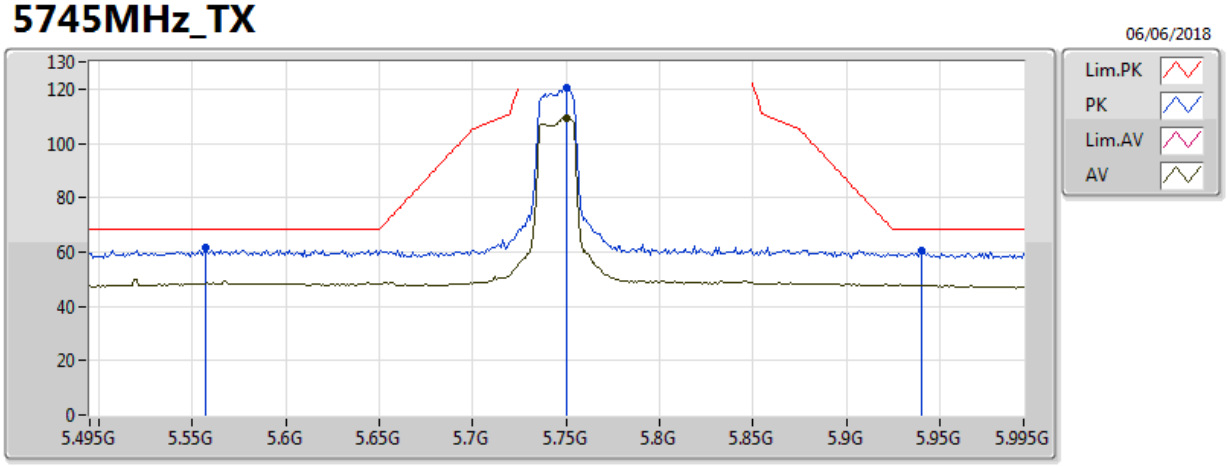


EUT X_2TX
Setting 18
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.645G	62.97	68.20	-5.23	6.52	3	Vertical	71	2.44	-
PK	5.741G	121.06	Inf	-Inf	6.75	3	Vertical	71	2.44	-
AV	5.742G	109.32	Inf	-Inf	6.75	3	Vertical	71	2.44	-
PK	5.936G	61.15	68.20	-7.05	6.80	3	Vertical	71	2.44	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

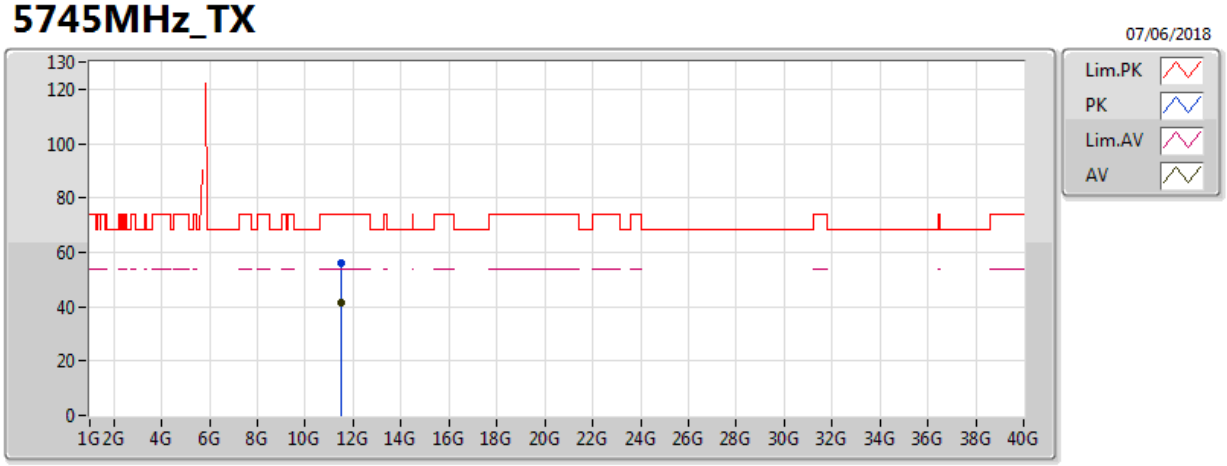


EUT X_2TX
Setting 18
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.557G	61.73	68.20	-6.47	6.41	3	Horizontal	34	1.88	-
PK	5.75G	120.20	Inf	-Inf	6.77	3	Horizontal	34	1.88	-
AV	5.75G	109.52	Inf	-Inf	6.77	3	Horizontal	34	1.88	-
PK	5.94G	60.44	68.20	-7.76	6.80	3	Horizontal	34	1.88	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

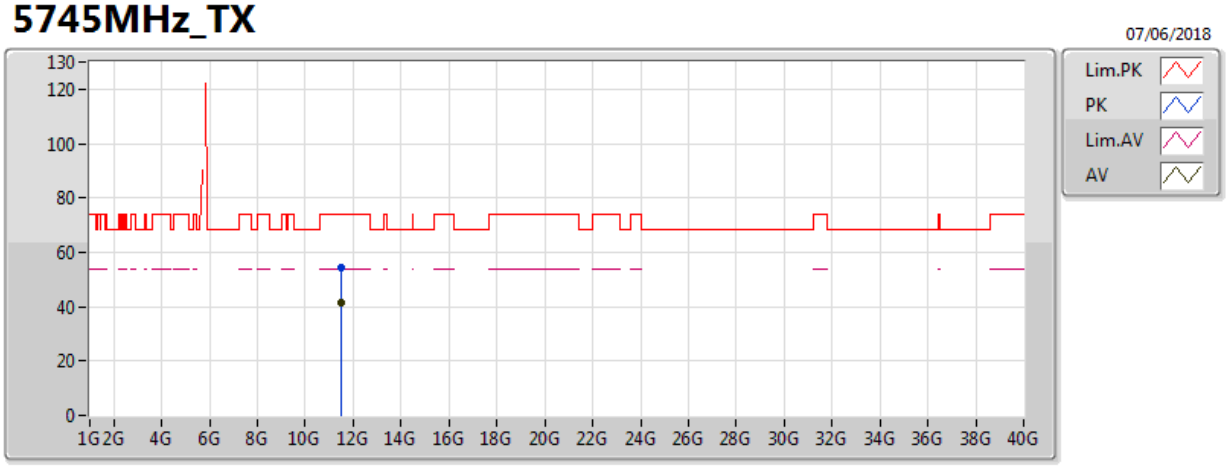


EUT X_2TX
Setting 18
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.49954G	56.25	74.00	-17.75	14.53	3	Vertical	101	2.26	-
AV	11.49456G	41.60	54.00	-12.40	14.53	3	Vertical	101	2.26	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

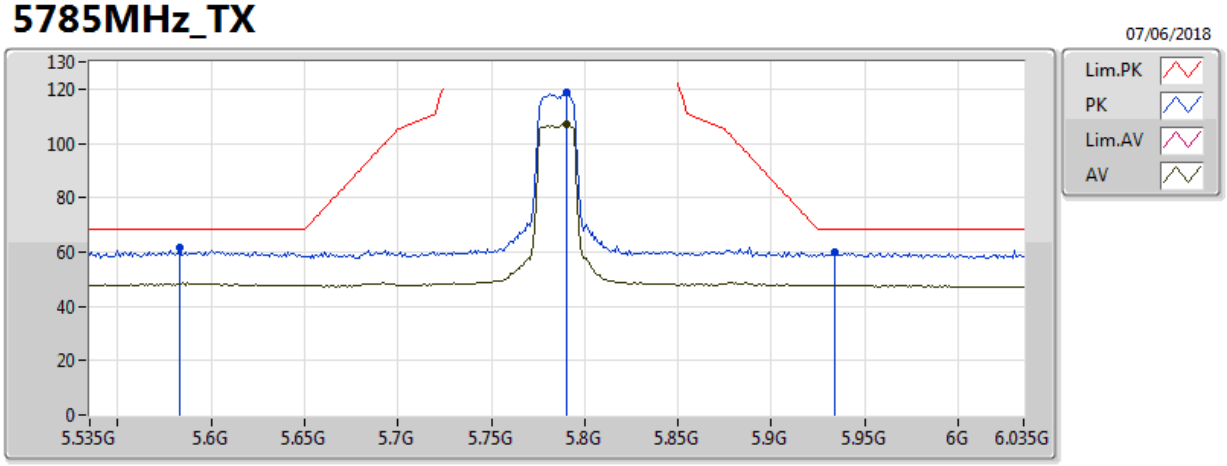


EUT X_2TX
Setting 18
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48106G	54.45	74.00	-19.55	14.51	3	Horizontal	106	2.23	-
AV	11.48916G	41.60	54.00	-12.40	14.52	3	Horizontal	106	2.23	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

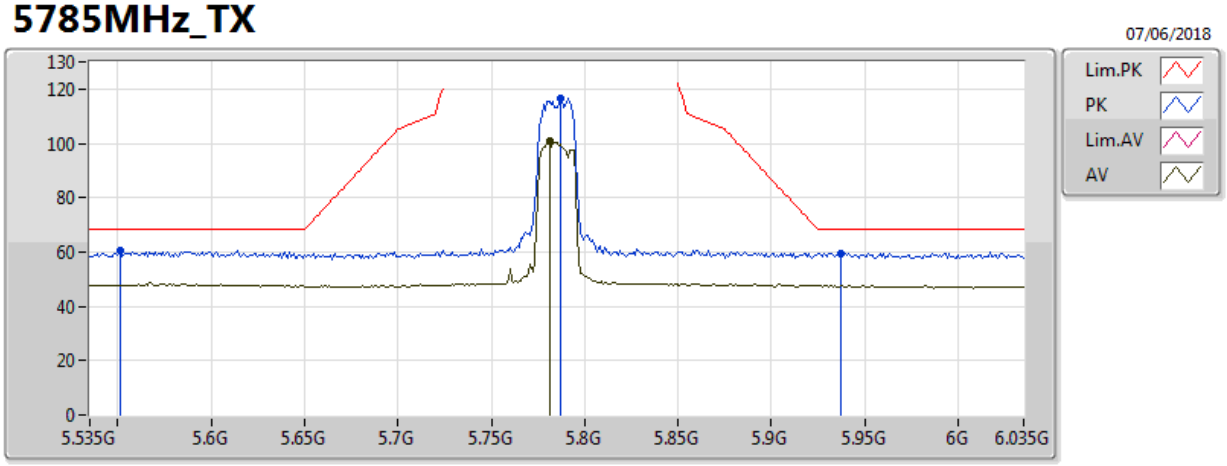


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.583G	61.60	68.20	-6.60	6.41	3	Vertical	0	1.70	-
PK	5.79G	118.80	Inf	-Inf	6.87	3	Vertical	0	1.70	-
AV	5.79G	106.86	Inf	-Inf	6.87	3	Vertical	0	1.70	-
PK	5.934G	60.02	68.20	-8.18	6.80	3	Vertical	0	1.70	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

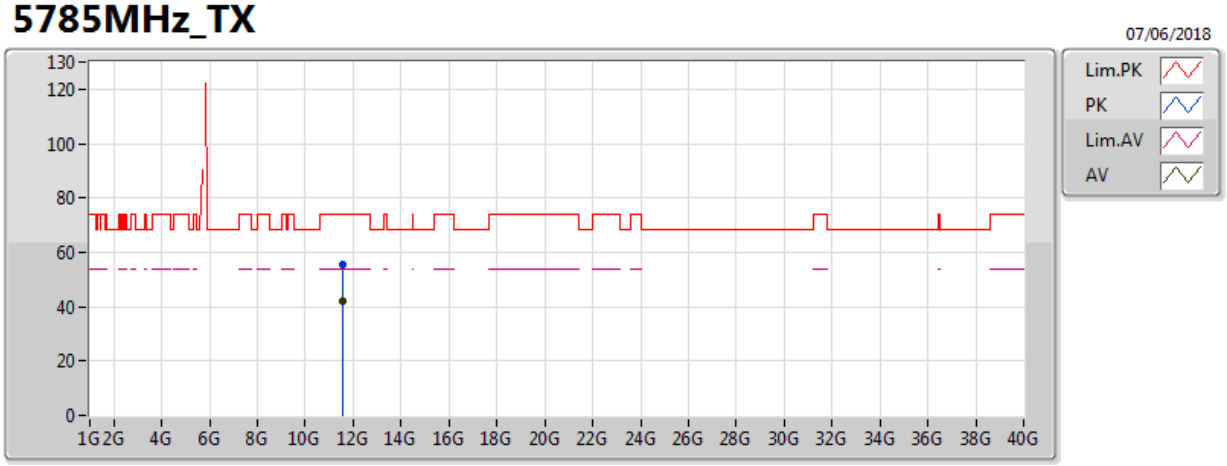


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.551G	60.31	68.20	-7.89	6.41	3	Horizontal	356	1.75	-
PK	5.787G	116.55	Inf	-Inf	6.86	3	Horizontal	356	1.75	-
AV	5.781G	101.02	Inf	-Inf	6.84	3	Horizontal	356	1.75	-
PK	5.937G	59.60	68.20	-8.60	6.80	3	Horizontal	356	1.75	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

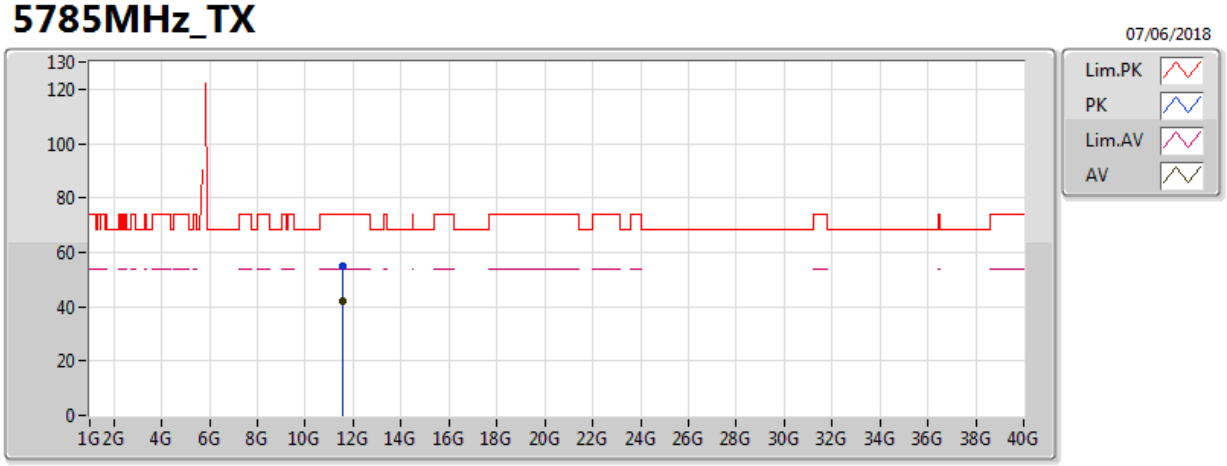


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5553G	55.39	74.00	-18.61	14.60	3	Vertical	181	1.25	-
AV	11.57504G	41.97	54.00	-12.03	14.62	3	Vertical	181	1.25	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

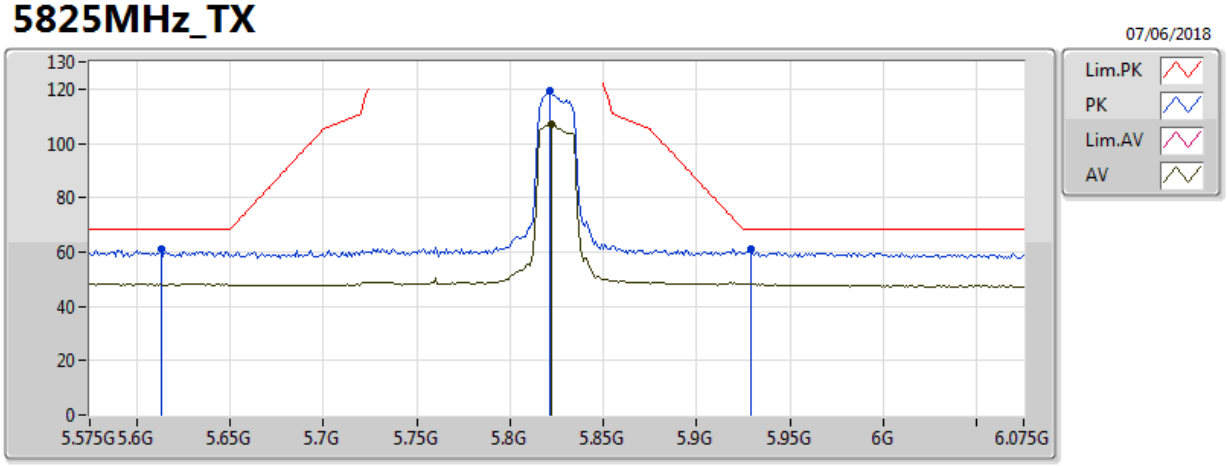


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.55674G	54.88	74.00	-19.12	14.60	3	Horizontal	308	1.66	-
AV	11.58086G	42.01	54.00	-11.99	14.62	3	Horizontal	308	1.66	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

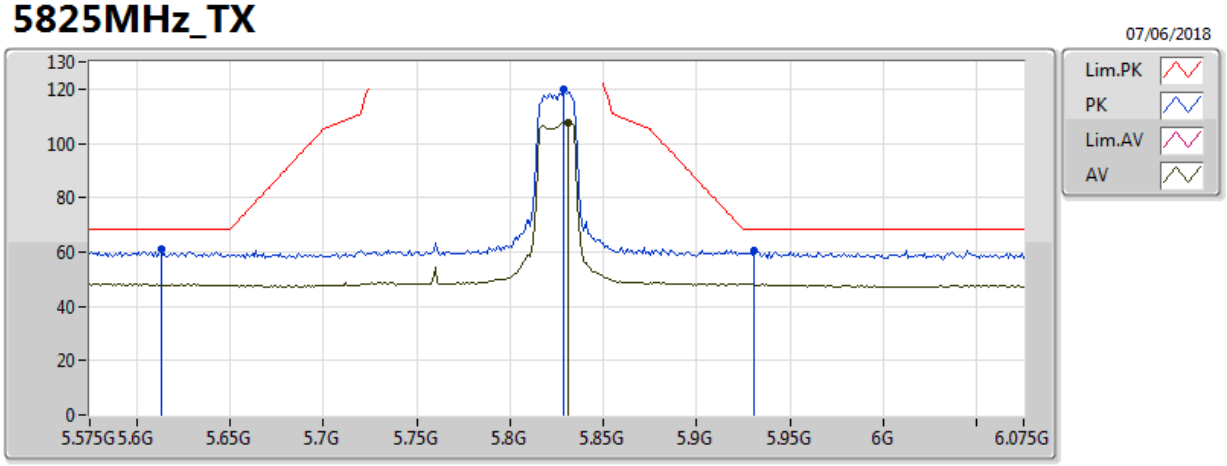


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.613G	60.84	68.20	-7.36	6.43	3	Vertical	358	1.70	-
PK	5.821G	119.27	Inf	-Inf	6.88	3	Vertical	358	1.70	-
AV	5.822G	107.19	Inf	-Inf	6.87	3	Vertical	358	1.70	-
PK	5.929G	60.85	68.20	-7.35	6.81	3	Vertical	358	1.70	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

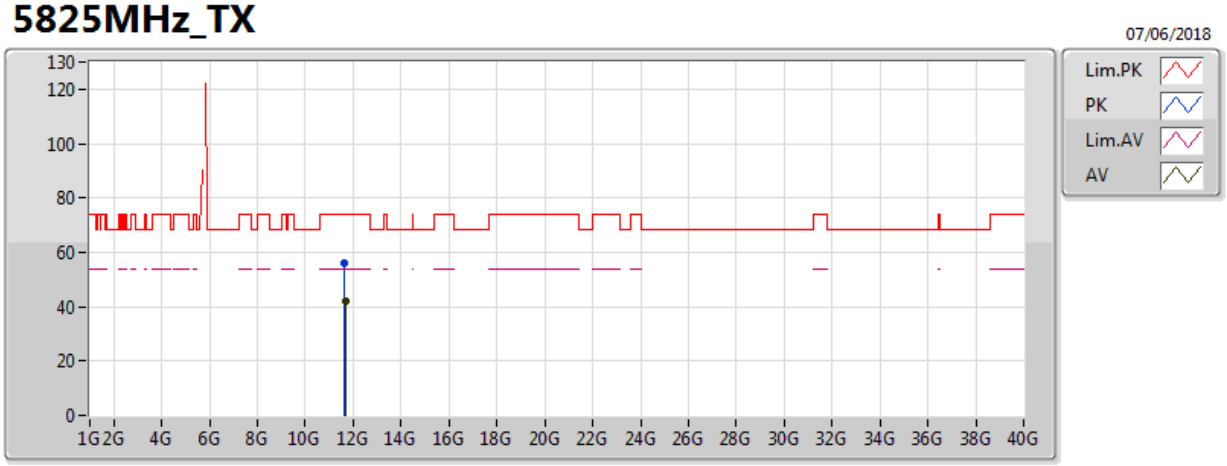


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.613G	60.83	68.20	-7.37	6.43	3	Horizontal	357	1.69	-
PK	5.829G	119.90	Inf	-Inf	6.87	3	Horizontal	357	1.69	-
AV	5.831G	107.86	Inf	-Inf	6.87	3	Horizontal	357	1.69	-
PK	5.931G	60.26	68.20	-7.94	6.81	3	Horizontal	357	1.69	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

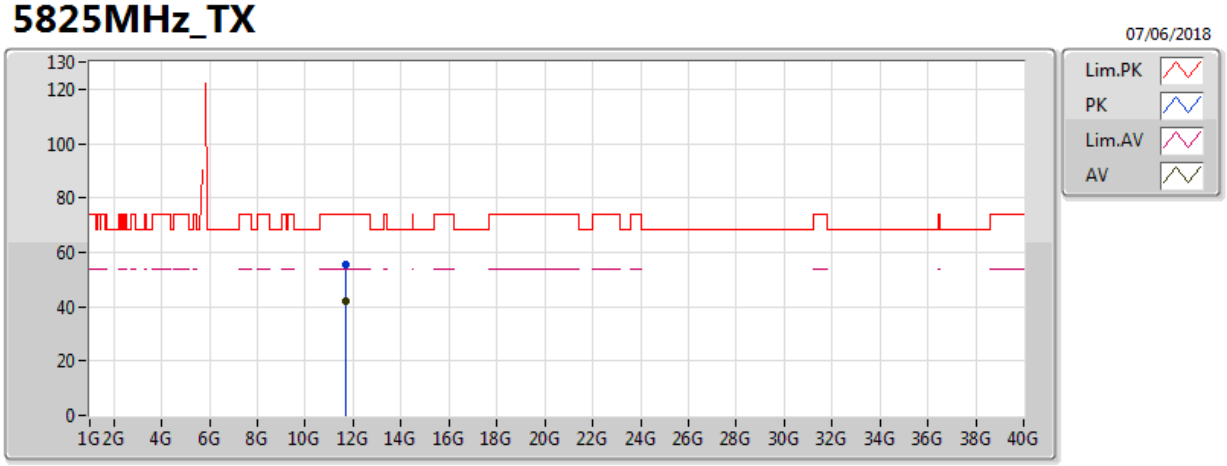


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6542G	56.00	74.00	-18.00	14.71	3	Vertical	130	1.28	-
AV	11.66116G	42.10	54.00	-11.90	14.71	3	Vertical	130	1.28	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

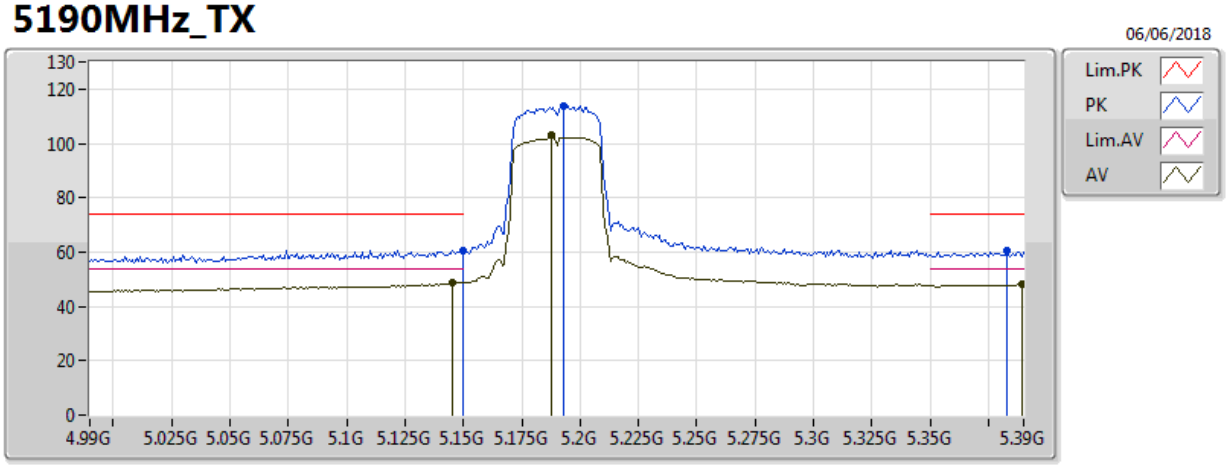


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.66248G	55.56	74.00	-18.44	14.72	3	Horizontal	345	1.93	-
AV	11.65936G	42.17	54.00	-11.83	14.71	3	Horizontal	345	1.93	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

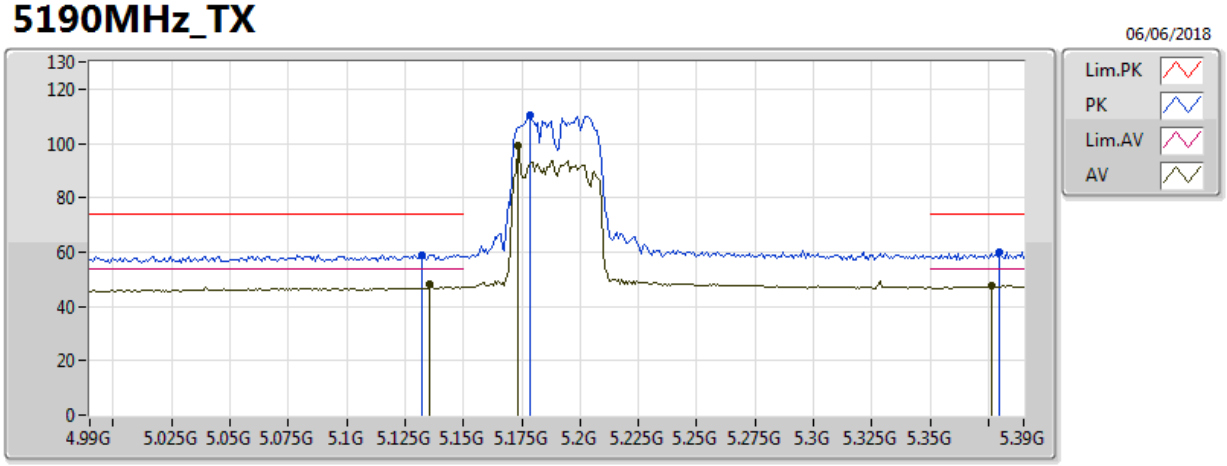


EUT X_2TX
Setting 16
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.149995G	60.70	74.00	-13.30	5.76	3	Vertical	343	2.05	-
AV	5.1452G	48.78	54.00	-5.22	5.74	3	Vertical	343	2.05	-
PK	5.1932G	113.81	Inf	-Inf	5.93	3	Vertical	343	2.05	-
AV	5.1876G	103.00	Inf	-Inf	5.91	3	Vertical	343	2.05	-
PK	5.3828G	60.56	74.00	-13.44	6.26	3	Vertical	343	2.05	-
AV	5.3892G	48.01	54.00	-5.99	6.27	3	Vertical	343	2.05	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

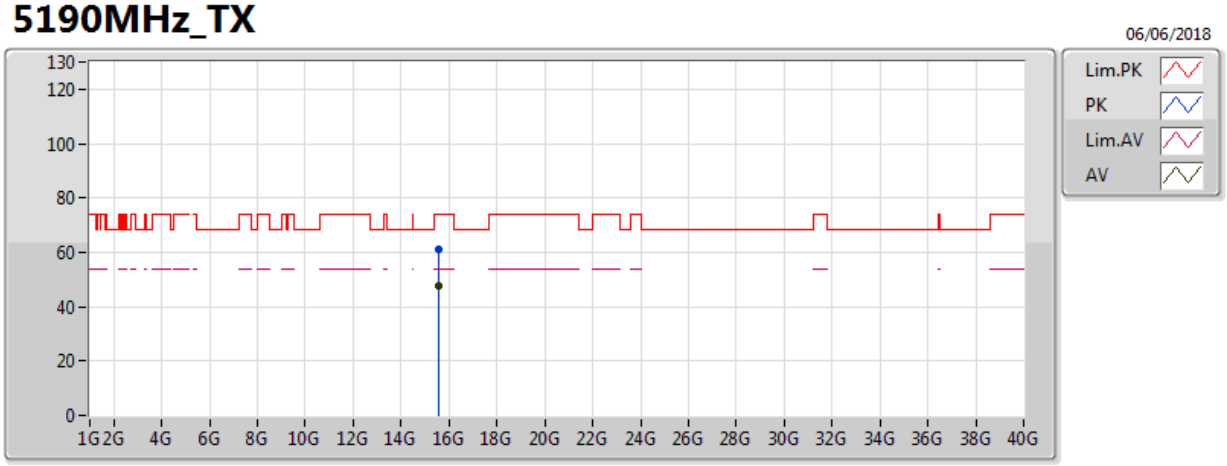


EUT X_2TX
Setting 16
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1324G	59.05	74.00	-14.95	5.69	3	Horizontal	352	2.06	-
AV	5.1356G	48.14	54.00	-5.86	5.70	3	Horizontal	352	2.06	-
PK	5.1788G	110.16	Inf	-Inf	5.87	3	Horizontal	352	2.06	-
AV	5.1732G	99.06	Inf	-Inf	5.85	3	Horizontal	352	2.06	-
PK	5.3796G	60.02	74.00	-13.98	6.25	3	Horizontal	352	2.06	-
AV	5.3764G	47.80	54.00	-6.20	6.25	3	Horizontal	352	2.06	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

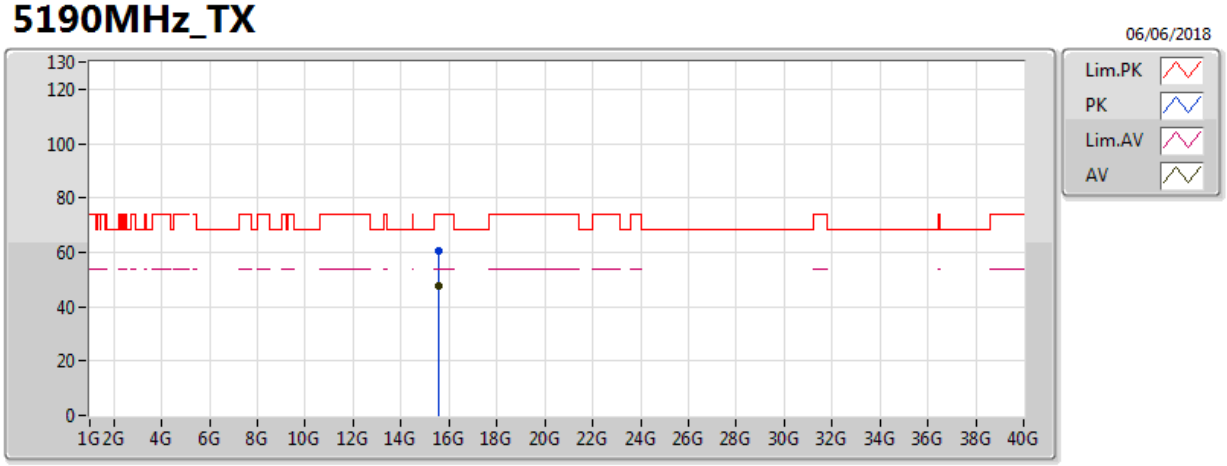


EUT X_2TX
Setting 16
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.58008G	60.86	74.00	-13.14	16.04	3	Vertical	237	1.95	-
AV	15.55536G	47.65	54.00	-6.35	16.12	3	Vertical	237	1.95	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

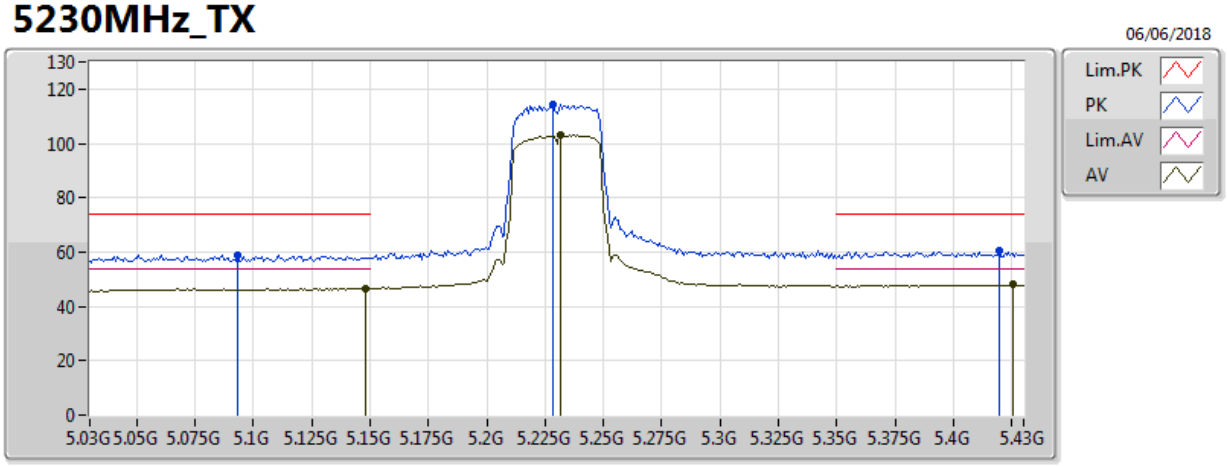


EUT X_2TX
Setting 16
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5703G	60.46	74.00	-13.54	16.07	3	Horizontal	27	2.42	-
AV	15.56472G	47.74	54.00	-6.26	16.09	3	Horizontal	27	2.42	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

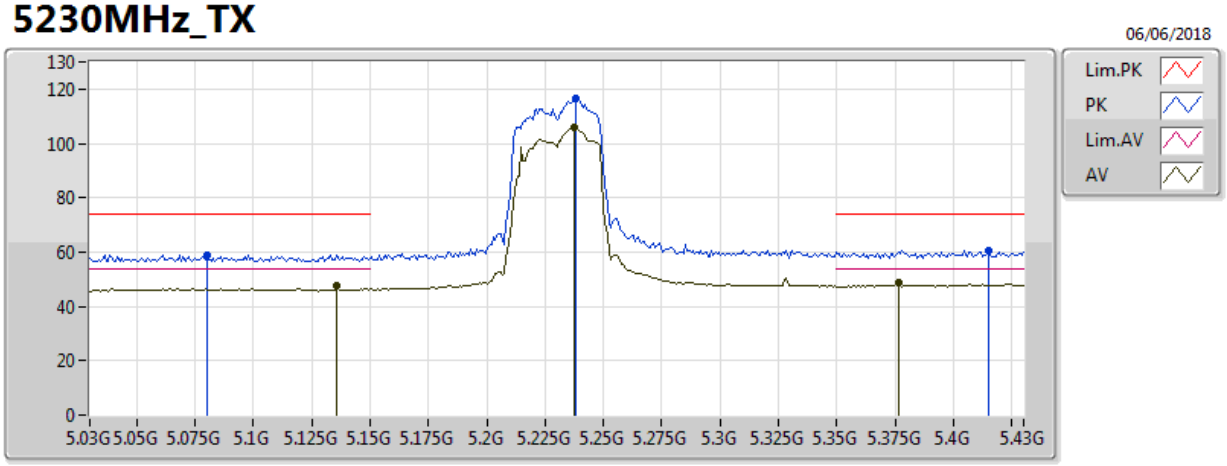


EUT X_2TX
Setting 16.5
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0932G	58.88	74.00	-15.12	5.52	3	Vertical	345	1.88	-
AV	5.1484G	46.50	54.00	-7.50	5.76	3	Vertical	345	1.88	-
PK	5.2284G	114.44	Inf	-Inf	6.01	3	Vertical	345	1.88	-
AV	5.2316G	103.16	Inf	-Inf	6.01	3	Vertical	345	1.88	-
PK	5.4196G	60.48	74.00	-13.52	6.32	3	Vertical	345	1.88	-
AV	5.4252G	47.96	54.00	-6.04	6.33	3	Vertical	345	1.88	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

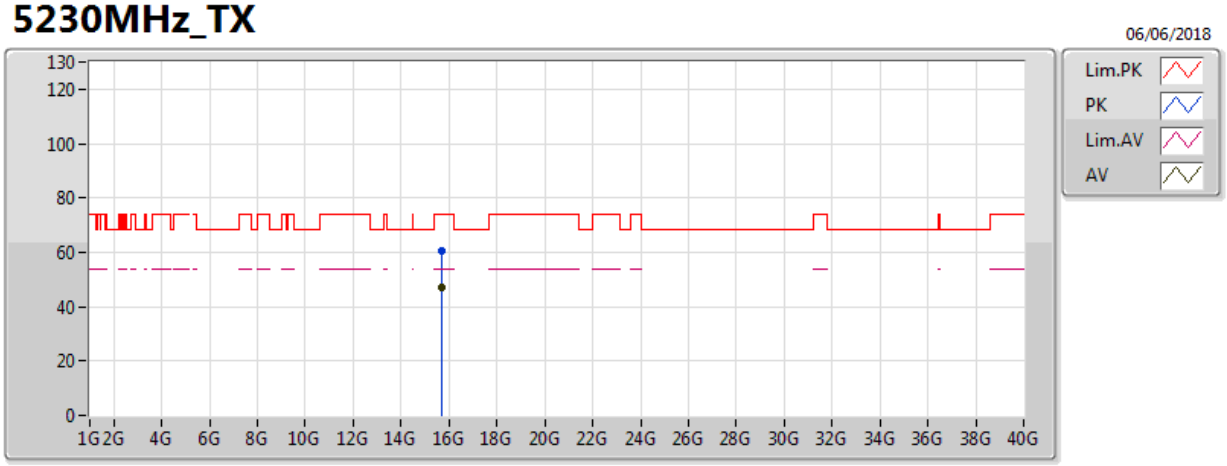


EUT X_2TX
Setting 16.5
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0804G	58.94	74.00	-15.06	5.46	3	Horizontal	339	2.05	-
AV	5.1356G	47.43	54.00	-6.57	5.70	3	Horizontal	339	2.05	-
PK	5.238G	116.76	Inf	-Inf	6.02	3	Horizontal	339	2.05	-
AV	5.2372G	106.03	Inf	-Inf	6.02	3	Horizontal	339	2.05	-
PK	5.4148G	60.62	74.00	-13.38	6.31	3	Horizontal	339	2.05	-
AV	5.3764G	48.63	54.00	-5.37	6.25	3	Horizontal	339	2.05	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

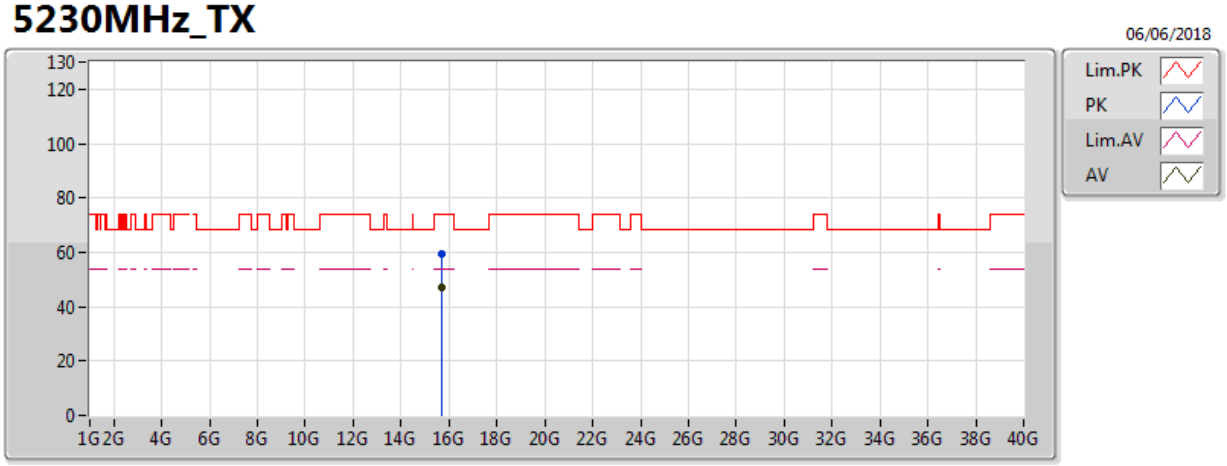


EUT X_2TX
Setting 16.5
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.67878G	60.29	74.00	-13.71	15.70	3	Vertical	194	1.40	-
AV	15.68268G	46.82	54.00	-7.18	15.68	3	Vertical	194	1.40	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

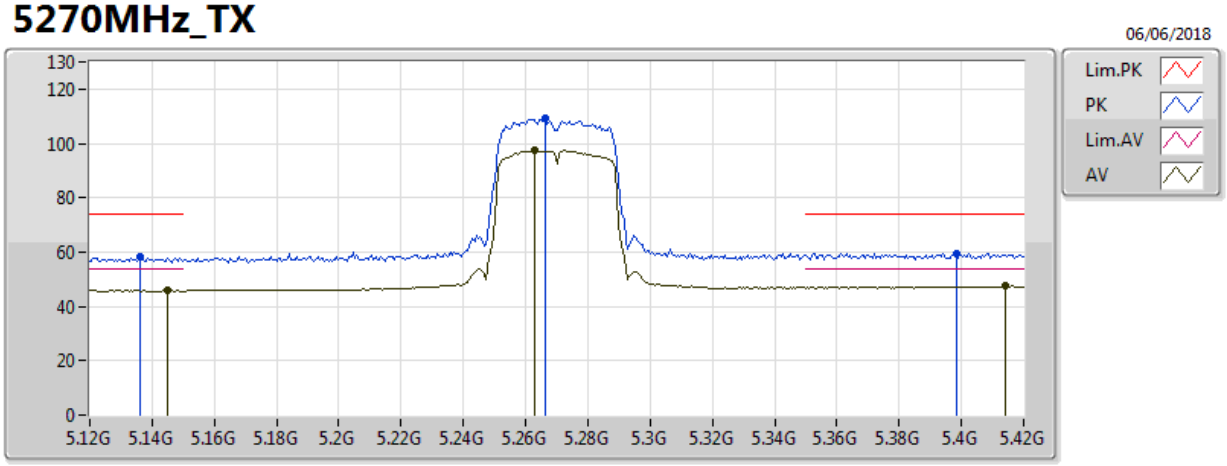


EUT X_2TX
Setting 16.5
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.6846G	59.64	74.00	-14.36	15.68	3	Horizontal	177	1.85	-
AV	15.67512G	46.82	54.00	-7.18	15.71	3	Horizontal	177	1.85	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

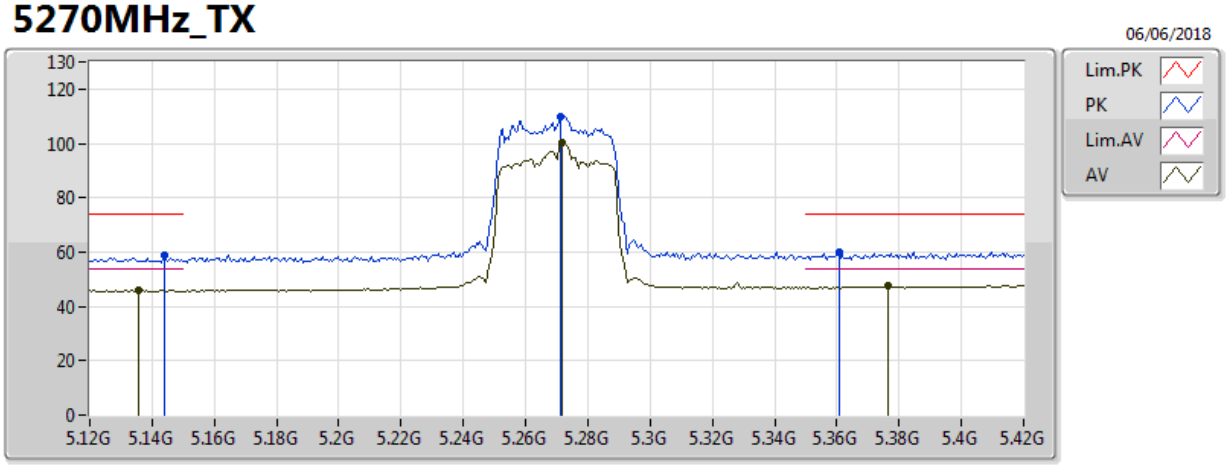


EUT X_2TX
Setting 11
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1362G	58.05	74.00	-15.95	5.71	3	Vertical	344	2.03	-
AV	5.1452G	46.05	54.00	-7.95	5.74	3	Vertical	344	2.03	-
PK	5.2664G	109.25	Inf	-Inf	6.07	3	Vertical	344	2.03	-
AV	5.2628G	97.40	Inf	-Inf	6.07	3	Vertical	344	2.03	-
PK	5.3984G	59.64	74.00	-14.36	6.29	3	Vertical	344	2.03	-
AV	5.414G	47.47	54.00	-6.53	6.31	3	Vertical	344	2.03	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

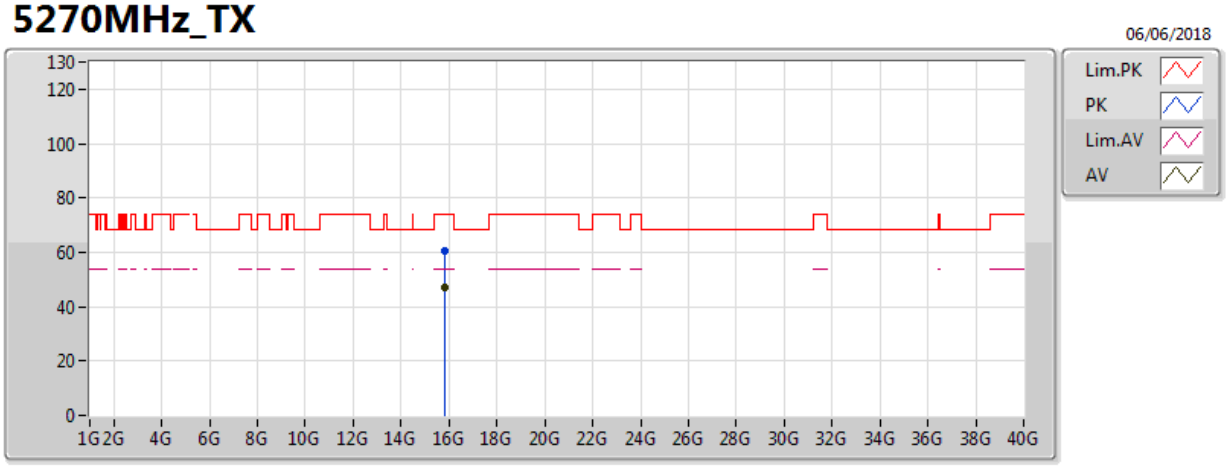


EUT X_2TX
Setting 11
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.144G	58.71	74.00	-15.29	5.74	3	Horizontal	338	1.95	-
AV	5.1356G	45.93	54.00	-8.07	5.70	3	Horizontal	338	1.95	-
PK	5.2712G	109.88	Inf	-Inf	6.08	3	Horizontal	338	1.95	-
AV	5.2718G	100.08	Inf	-Inf	6.08	3	Horizontal	338	1.95	-
PK	5.3606G	60.16	74.00	-13.84	6.22	3	Horizontal	338	1.95	-
AV	5.3762G	47.78	54.00	-6.22	6.25	3	Horizontal	338	1.95	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

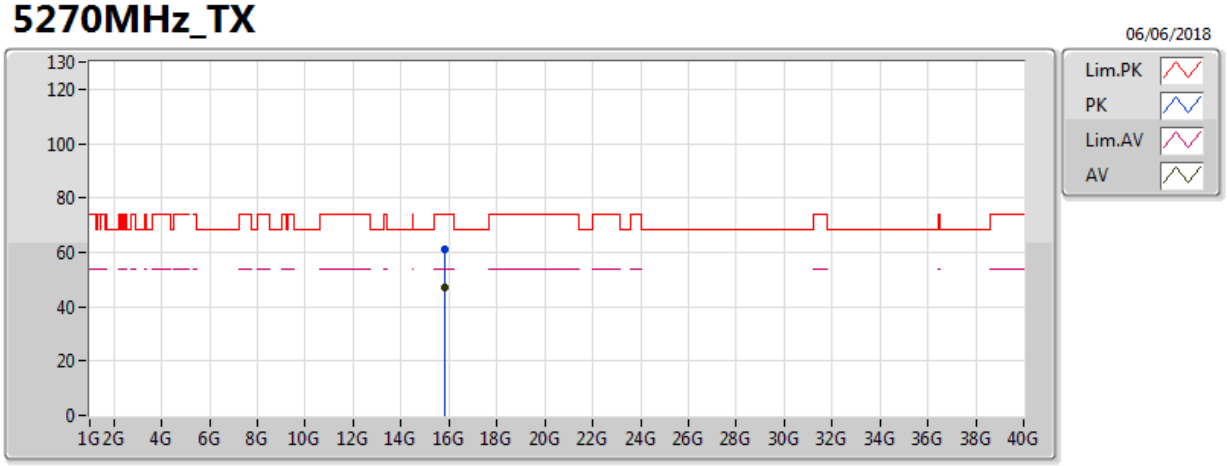


EUT X_2TX
Setting 11
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.81378G	60.57	74.00	-13.43	15.23	3	Vertical	253	1.15	-
AV	15.81246G	46.97	54.00	-7.03	15.24	3	Vertical	253	1.15	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

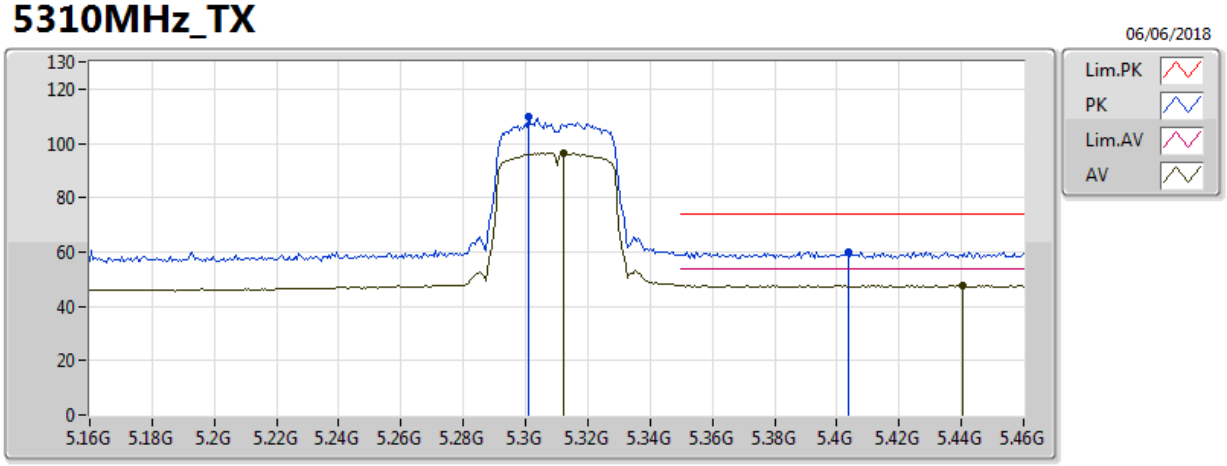


EUT X_2TX
Setting 11
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8013G	61.21	74.00	-12.79	15.28	3	Horizontal	29	1.17	-
AV	15.8031G	46.99	54.00	-7.01	15.27	3	Horizontal	29	1.17	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

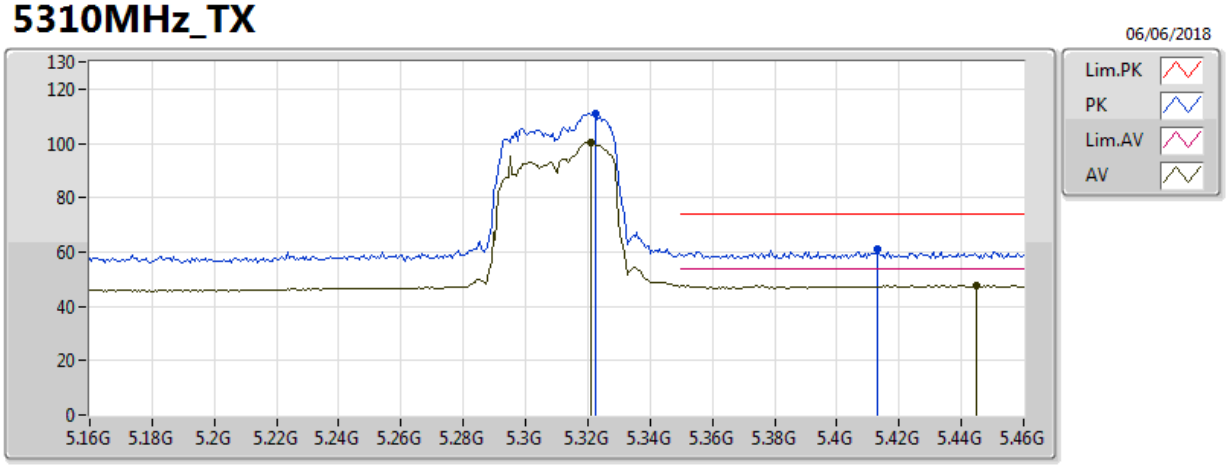


EUT X_2TX
Setting 11
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.301G	109.56	Inf	-Inf	6.13	3	Vertical	346	1.89	-
AV	5.3124G	96.46	Inf	-Inf	6.15	3	Vertical	346	1.89	-
PK	5.4036G	60.19	74.00	-13.81	6.30	3	Vertical	346	1.89	-
AV	5.4402G	47.74	54.00	-6.26	6.34	3	Vertical	346	1.89	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

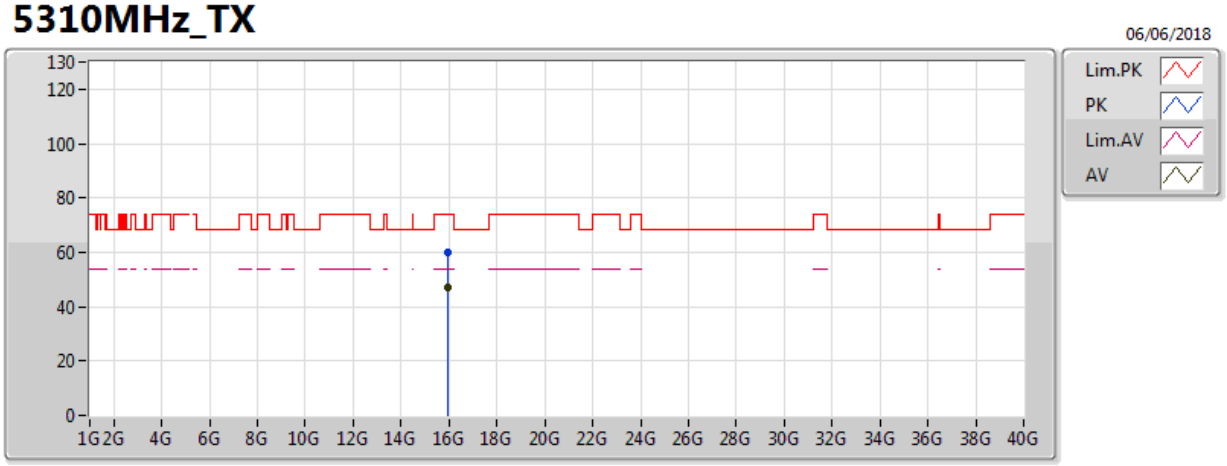


EUT X_2TX
Setting 11
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3226G	111.01	Inf	-Inf	6.17	3	Horizontal	340	1.76	-
AV	5.3208G	100.39	Inf	-Inf	6.16	3	Horizontal	340	1.76	-
PK	5.4132G	60.83	74.00	-13.17	6.30	3	Horizontal	340	1.76	-
AV	5.445G	47.59	54.00	-6.41	6.35	3	Horizontal	340	1.76	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

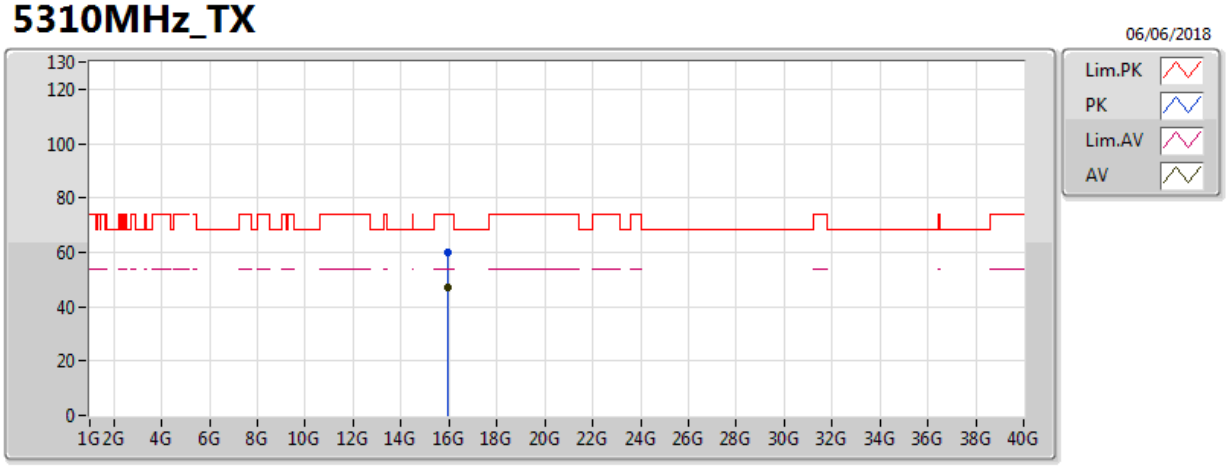


EUT X_2TX
Setting 11
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.92802G	59.89	74.00	-14.11	14.84	3	Vertical	276	1.84	-
AV	15.9411G	46.81	54.00	-7.19	14.79	3	Vertical	276	1.84	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

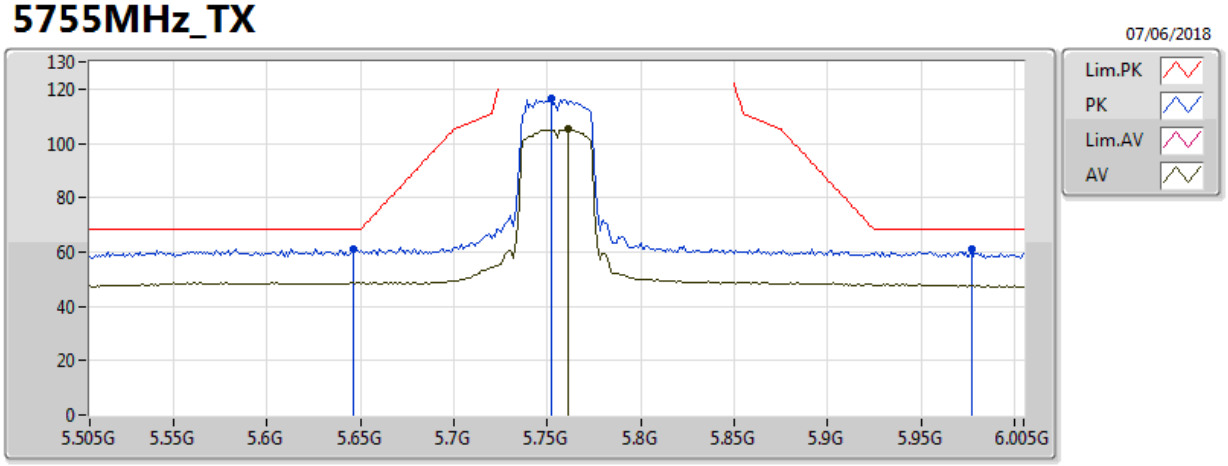


EUT X_2TX
Setting 11
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.93174G	60.08	74.00	-13.92	14.83	3	Horizontal	228	1.17	-
AV	15.9423G	46.91	54.00	-7.09	14.79	3	Horizontal	228	1.17	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

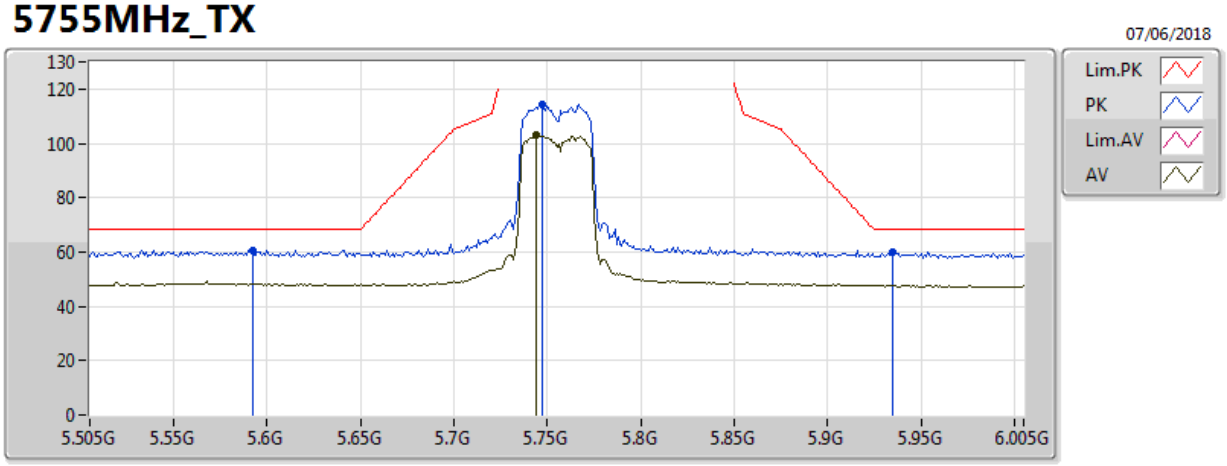


EUT X_2TX
Setting 16
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.646G	61.15	68.20	-7.05	6.52	3	Vertical	360	1.77	-
PK	5.752G	116.73	Inf	-Inf	6.77	3	Vertical	360	1.77	-
AV	5.761G	105.16	Inf	-Inf	6.80	3	Vertical	360	1.77	-
PK	5.977G	61.07	68.20	-7.13	6.77	3	Vertical	360	1.77	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

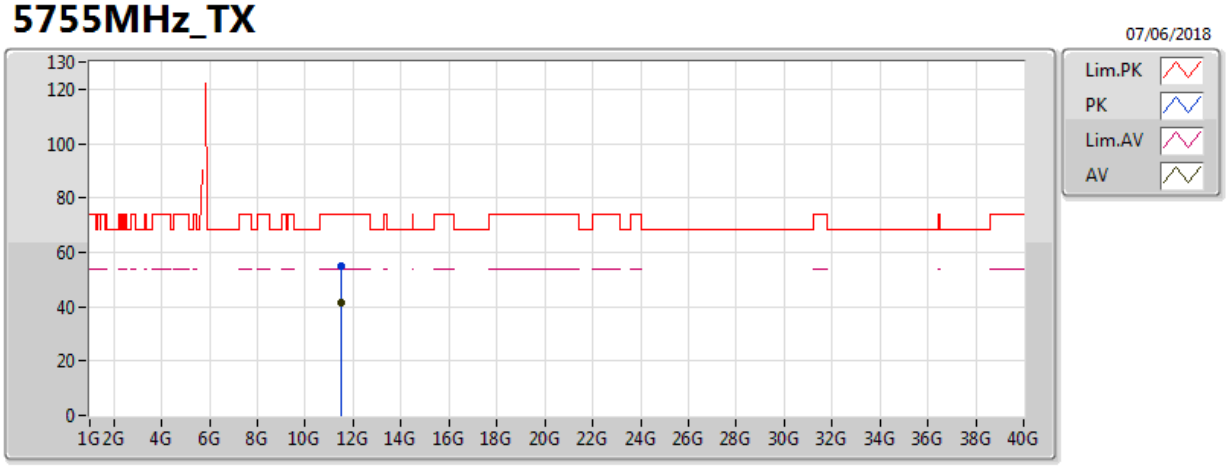


EUT X_2TX
Setting 16
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.592G	60.76	68.20	-7.44	6.40	3	Horizontal	355	1.80	-
PK	5.747G	114.33	Inf	-Inf	6.76	3	Horizontal	355	1.80	-
AV	5.744G	103.36	Inf	-Inf	6.76	3	Horizontal	355	1.80	-
PK	5.935G	60.07	68.20	-8.13	6.80	3	Horizontal	355	1.80	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

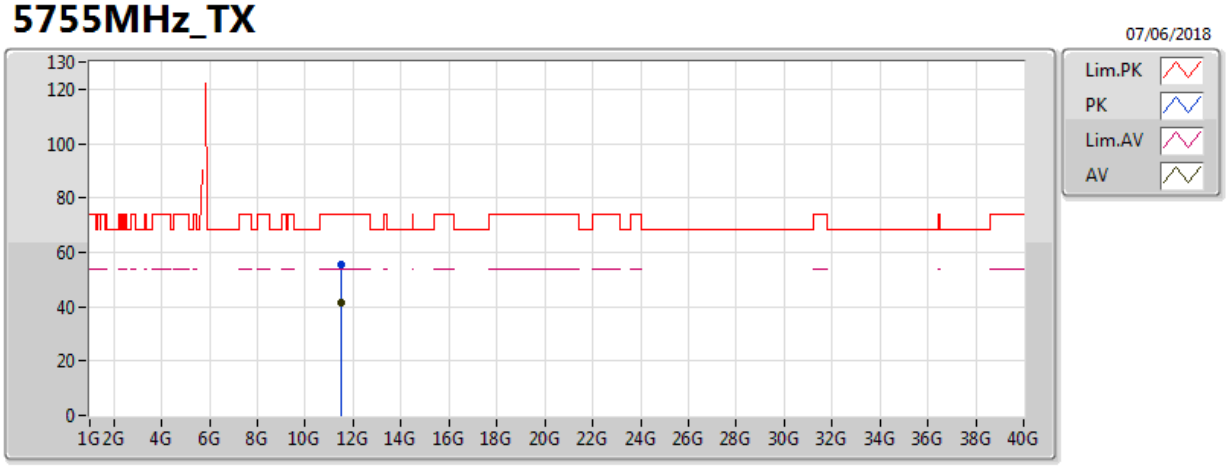


EUT X_2TX
Setting 16
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.51132G	55.13	74.00	-18.87	14.55	3	Vertical	298	2.35	-
AV	11.50178G	41.52	54.00	-12.48	14.54	3	Vertical	298	2.35	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

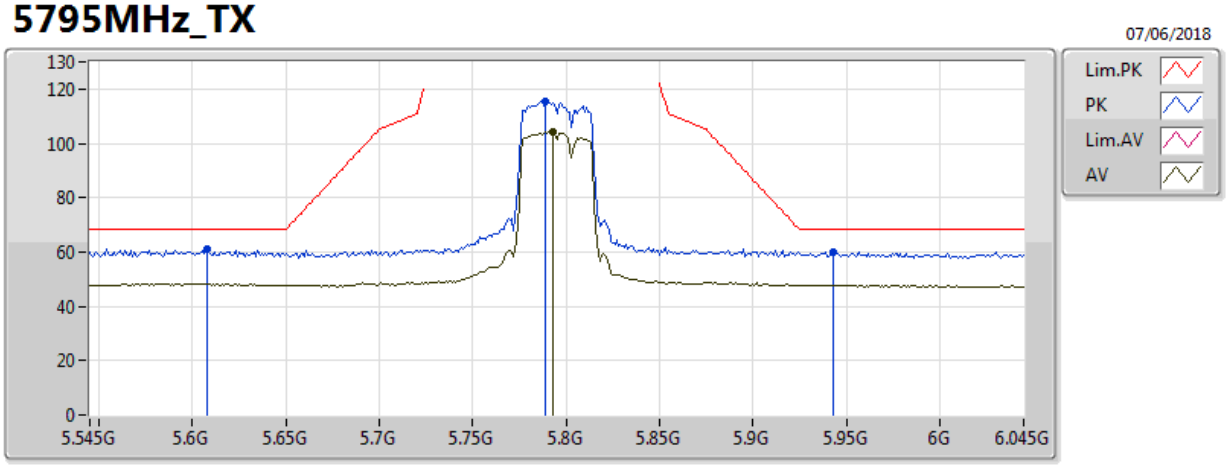


EUT X_2TX
Setting 16
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.50244G	55.35	74.00	-18.65	14.54	3	Horizontal	309	1.89	-
AV	11.501G	41.58	54.00	-12.42	14.54	3	Horizontal	309	1.89	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

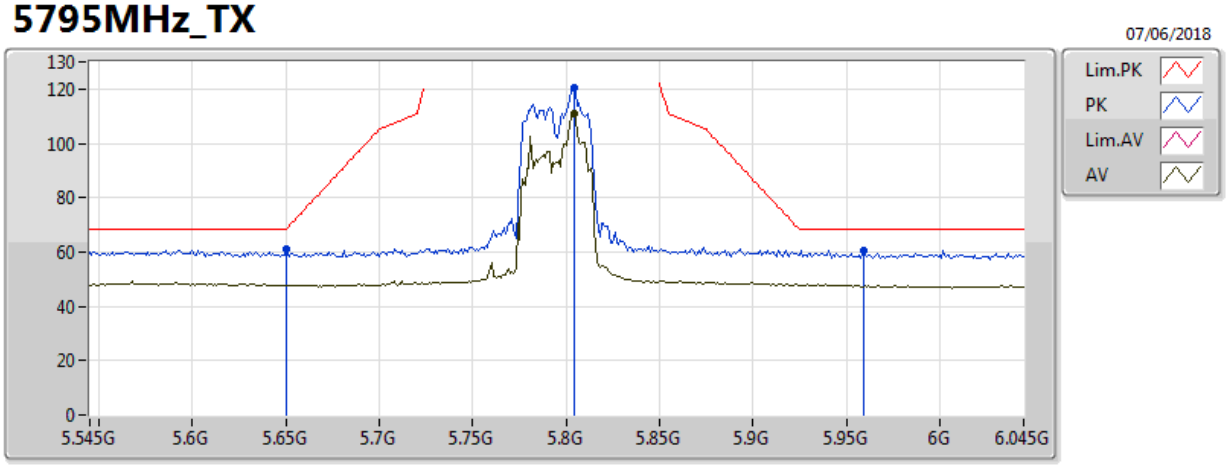


EUT X_2TX
Setting 16
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.608G	61.01	68.20	-7.19	6.42	3	Vertical	360	1.67	-
PK	5.789G	115.34	Inf	-Inf	6.86	3	Vertical	360	1.67	-
AV	5.793G	104.26	Inf	-Inf	6.87	3	Vertical	360	1.67	-
PK	5.943G	60.15	68.20	-8.05	6.80	3	Vertical	360	1.67	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

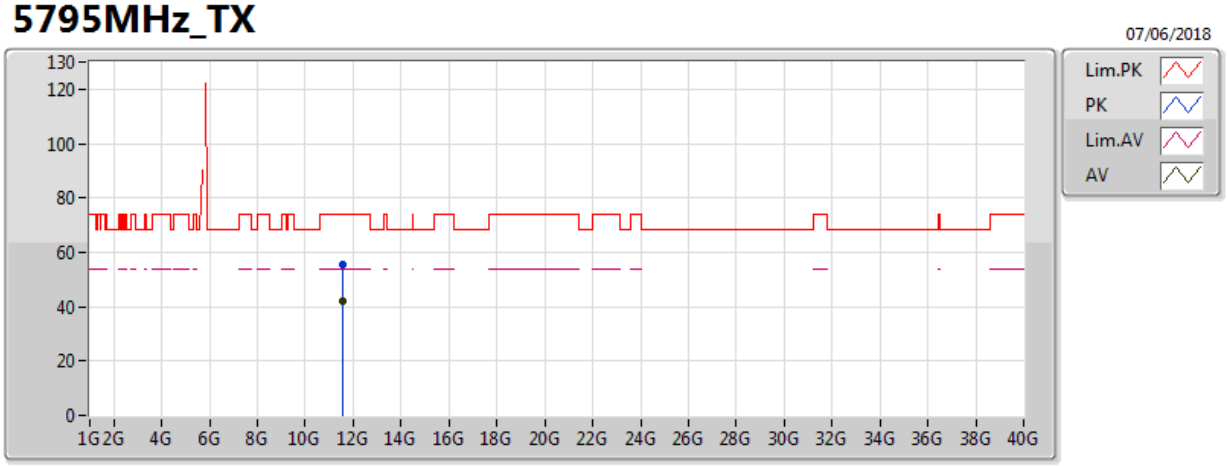


EUT X_2TX
Setting 16
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.65G	61.06	68.20	-7.14	6.53	3	Horizontal	0	1.60	-
PK	5.804G	120.34	Inf	-Inf	6.89	3	Horizontal	0	1.60	-
AV	5.804G	110.73	Inf	-Inf	6.89	3	Horizontal	0	1.60	-
PK	5.959G	60.42	68.20	-7.78	6.77	3	Horizontal	0	1.60	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

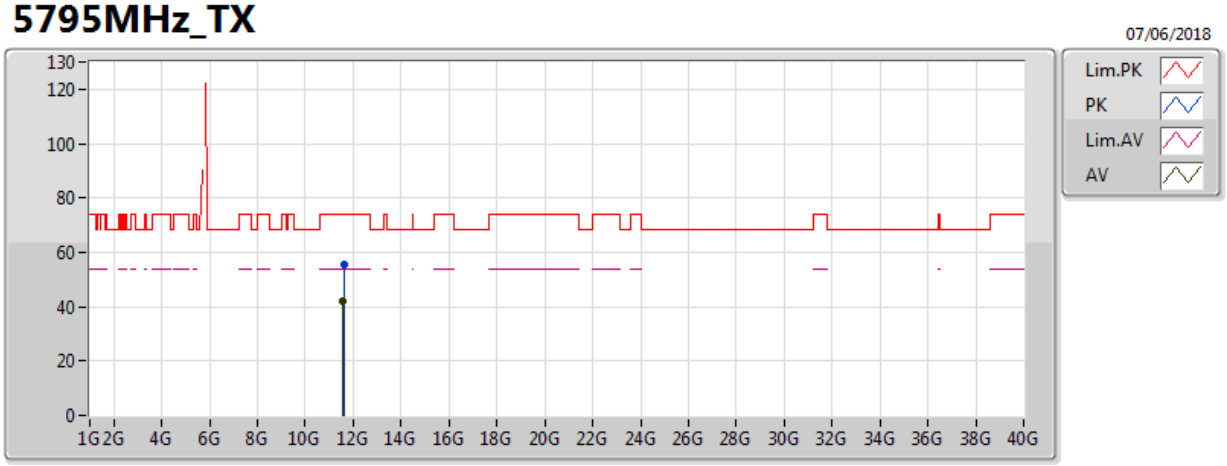


EUT X_2TX
Setting 16
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.58148G	55.43	74.00	-18.57	14.63	3	Vertical	295	1.63	-
AV	11.5912G	42.09	54.00	-11.91	14.64	3	Vertical	295	1.63	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

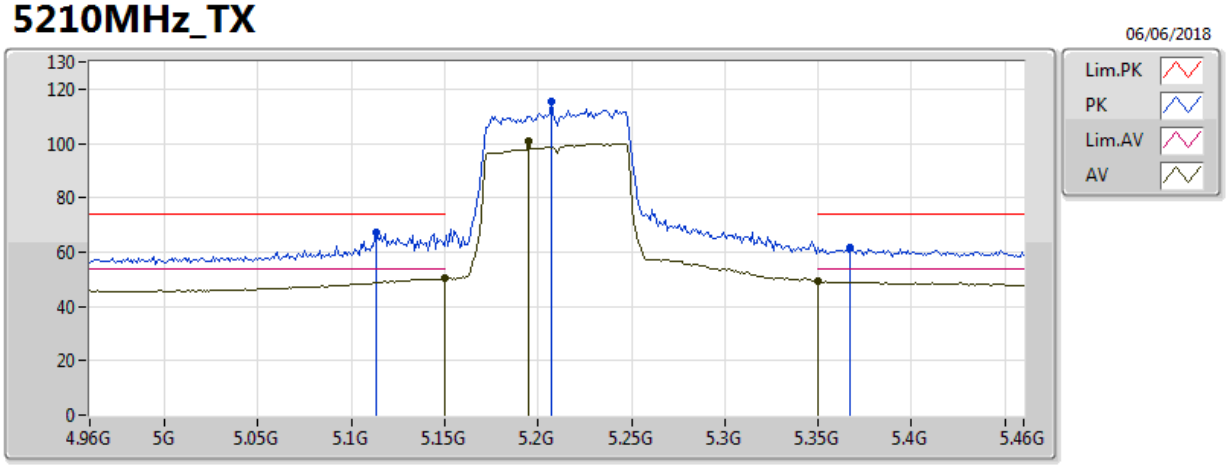


EUT X_2TX
Setting 16
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.59768G	55.24	74.00	-18.76	14.64	3	Horizontal	28	1.01	-
AV	11.58922G	42.04	54.00	-11.96	14.63	3	Horizontal	28	1.01	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

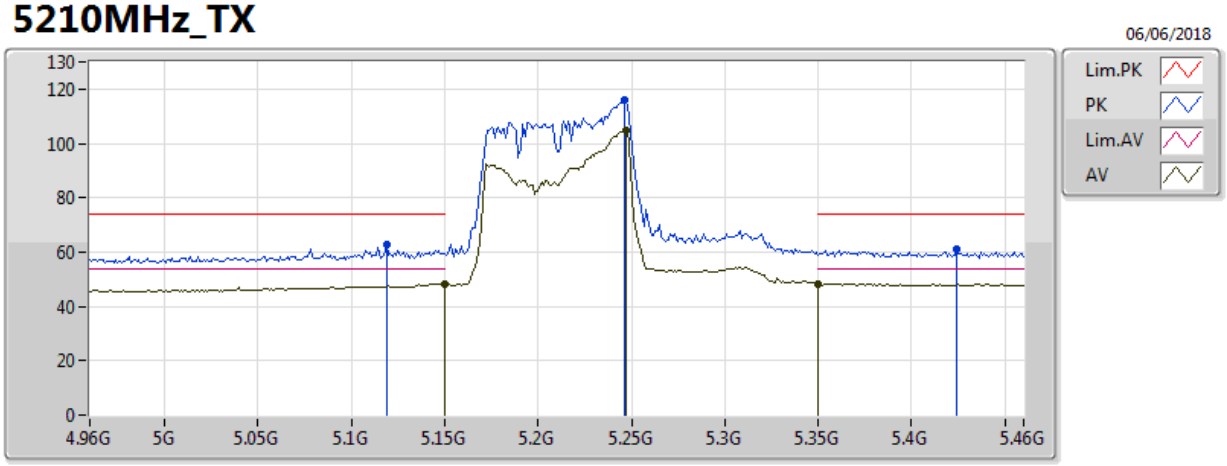


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.113G	66.97	74.00	-7.03	5.60	3	Vertical	343	2.06	-
AV	5.149995G	50.23	54.00	-3.77	5.76	3	Vertical	343	2.06	-
PK	5.207G	115.40	Inf	-Inf	5.97	3	Vertical	343	2.06	-
AV	5.195G	100.75	Inf	-Inf	5.94	3	Vertical	343	2.06	-
PK	5.367G	61.76	74.00	-12.24	6.23	3	Vertical	343	2.06	-
AV	5.350005G	49.08	54.00	-4.92	6.20	3	Vertical	343	2.06	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

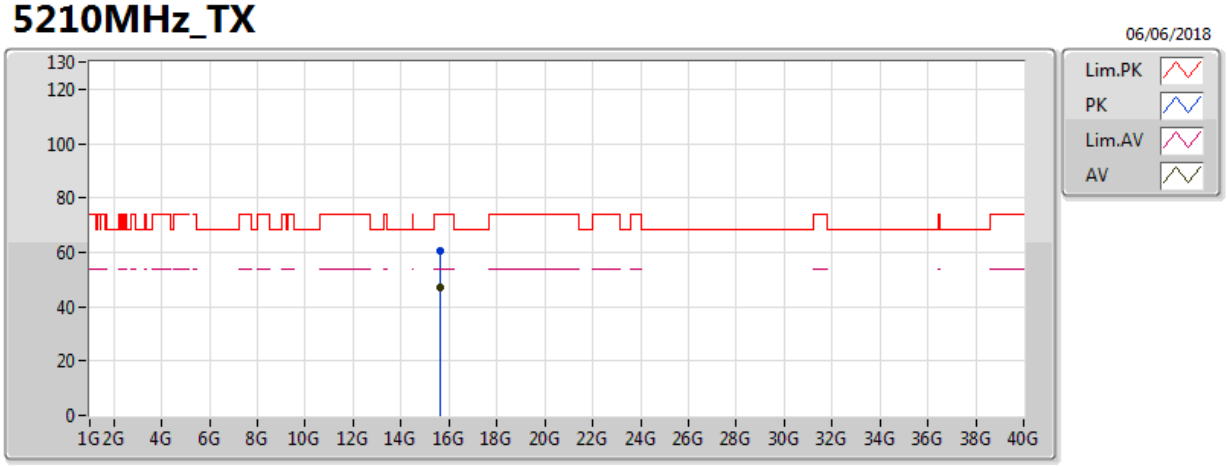


EUT X_2TX
Setting 17
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.119G	62.96	74.00	-11.04	5.63	3	Horizontal	340	1.66	-
AV	5.149995G	48.41	54.00	-5.59	5.76	3	Horizontal	340	1.66	-
PK	5.246G	115.73	Inf	-Inf	6.04	3	Horizontal	340	1.66	-
AV	5.247G	104.81	Inf	-Inf	6.04	3	Horizontal	340	1.66	-
PK	5.424G	60.86	74.00	-13.14	6.32	3	Horizontal	340	1.66	-
AV	5.350005G	48.32	54.00	-5.68	6.20	3	Horizontal	340	1.66	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

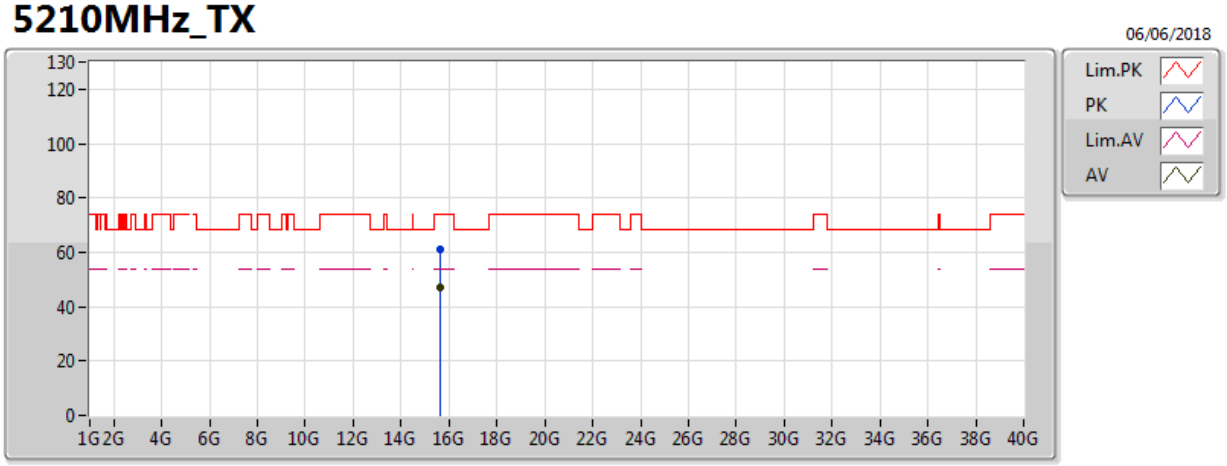


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.61908G	60.57	74.00	-13.43	15.90	3	Vertical	17	2.95	-
AV	15.61764G	47.34	54.00	-6.66	15.91	3	Vertical	17	2.95	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

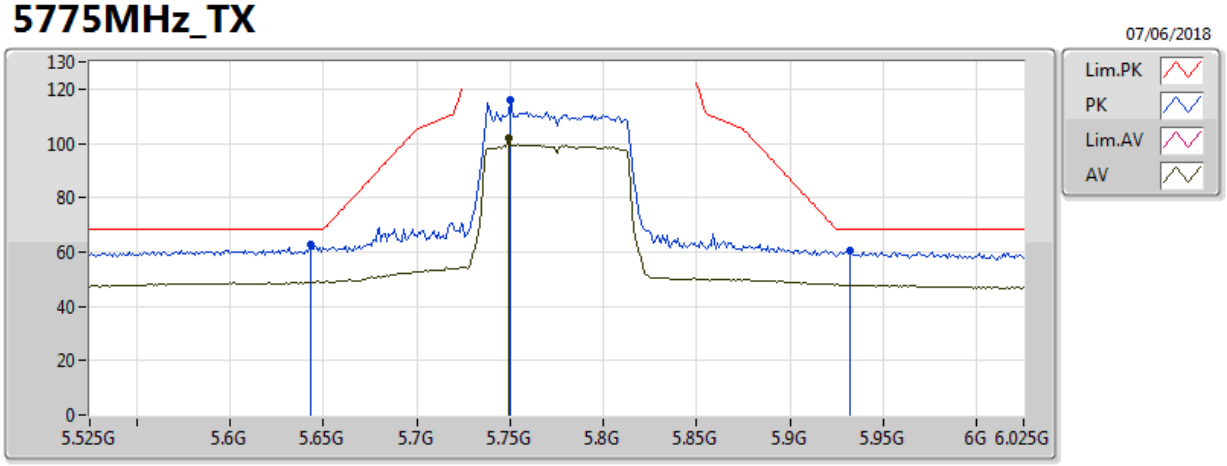


EUT X_2TX
Setting 17
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.62796G	61.08	74.00	-12.92	15.87	3	Horizontal	30	1.58	-
AV	15.62634G	47.12	54.00	-6.88	15.88	3	Horizontal	30	1.58	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

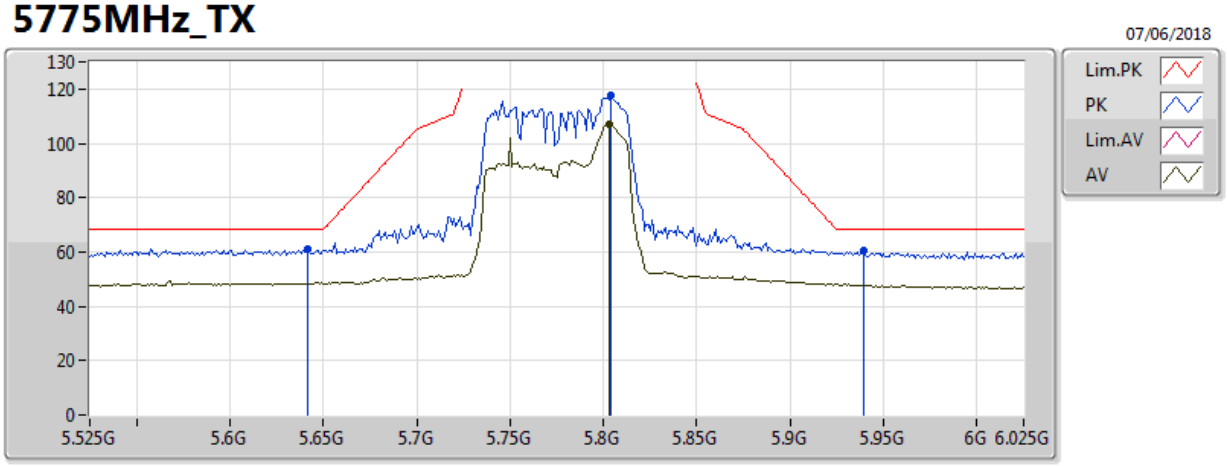


EUT X_2TX
Setting 16
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.643G	62.83	68.20	-5.37	6.51	3	Vertical	358	1.50	-
PK	5.75G	116.08	Inf	-Inf	6.77	3	Vertical	358	1.50	-
AV	5.749G	101.78	Inf	-Inf	6.77	3	Vertical	358	1.50	-
PK	5.932G	60.26	68.20	-7.94	6.80	3	Vertical	358	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

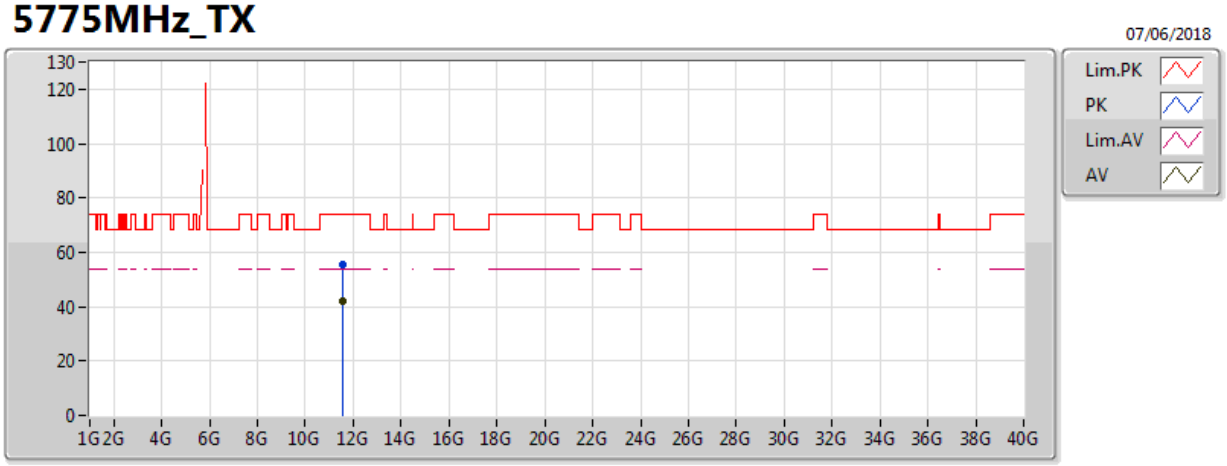


EUT X_2TX
Setting 16
03-D-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.642G	60.93	68.20	-7.27	6.51	3	Horizontal	357	1.76	-
PK	5.804G	117.82	Inf	-Inf	6.89	3	Horizontal	357	1.76	-
AV	5.803G	107.16	Inf	-Inf	6.89	3	Horizontal	357	1.76	-
PK	5.939G	60.64	68.20	-7.56	6.80	3	Horizontal	357	1.76	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

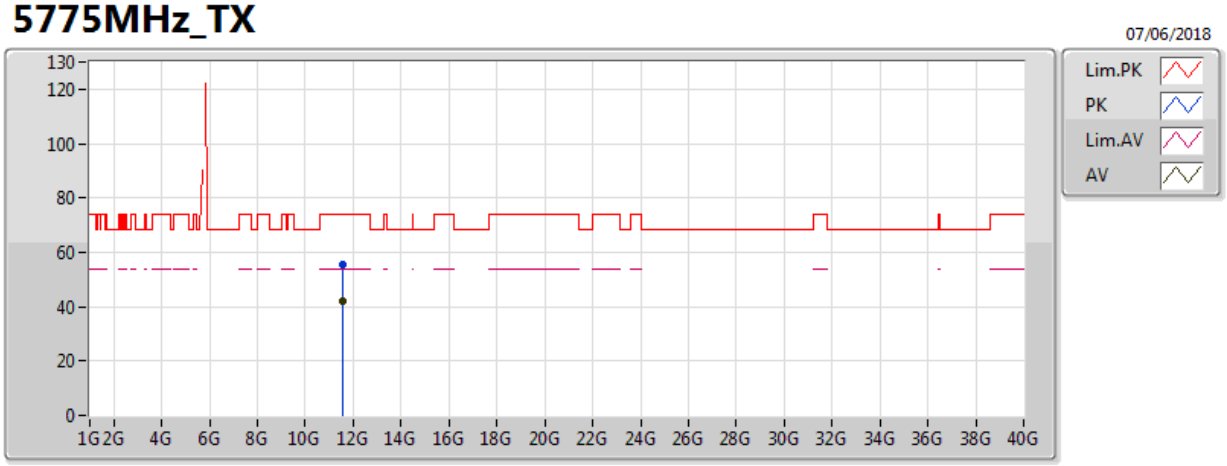


EUT X_2TX
Setting 16
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.55828G	55.27	74.00	-18.73	14.60	3	Vertical	0	2.98	-
AV	11.55666G	41.80	54.00	-12.20	14.60	3	Vertical	0	2.98	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX



EUT X_2TX
Setting 16
03-D-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.55474G	55.37	74.00	-18.63	14.60	3	Horizontal	158	1.50	-
AV	11.56476G	41.83	54.00	-12.17	14.61	3	Horizontal	158	1.50	-