FCC RADIO TEST REPORT

FCC ID	:	2AHKM-HIVE2200
Equipment	:	2x2 DBCC WiFi Extender
Brand Name	:	hitron
Model Name	:	HIXE12AWR
Applicant	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Manufacturer	:	Hitron Technologies Inc. No. 1-8, Li-Hsin 1st Rd. Hsinchu Science Park, Hsinchu 30078, Taiwan
Standard	:	47 CFR FCC Part 15.407

The product was received on Jan. 04, 2019, and testing was started from Jan. 08, 2019 and completed on Jan. 23, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Cliff Chang

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

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History of this test report

Report No.	Version	Description	Issued Date
FR862827-02AB	01	Initial issue of report	Mar. 05, 2019

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	-

Declaration of Conformity:

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

Comments and Explanations:

1. The test configuration, test mode and test software were written in this test report are declared by the manufacturer.
2. The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Cliff Chang

Report Producer: Wendy Pan

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
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 [8]
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 [3]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530	106 [1]
5725-5850		5775	155 [1]

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

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

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	P/N	Antenna Type	Connector	Gain (dBi)
1	1	Ethertronics	XE1v2	-	PCB Antenna	I-PEX	Note
2	2	Ethertronics	XE1v2	-	PCB Antenna	I-PEX	
3	1	PSA	-	RFECA3216060A1T	CERAMIC Antenna	N/A	

Note 1:

Ant.	Port	Gain (dBi)					
		WLAN 2.4G	WLAN 5G Band 1	WLAN 5G Band 2	WLAN 5G Band 3	WLAN 5G Band 4	BT
1	1	4.4	4.8	4.8	5.4	5.5	-
2	2	3.1	3.8	4.0	4.9	3.8	-
3	1	-		-	-		2.09

Note 2: The EUT has three antennas.

Note 3: The above information was declared by manufacturer.

<For 2.4GHz Band>

For IEEE 802.11b/g/n mode (2TX/2RX)

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz Band>

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.

<For Bluetooth>

For BT function (1TX/1RX)

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.971	0.128	2.068m	1k
802.11ac VHT20	0.988	0.052	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.912	0.4	1.82m	1k
802.11ac VHT40	0.976	0.106	2.44m	1k
802.11ac VHT40-BF	0.901	0.453	1.683m	1k
802.11ac VHT80	0.95	0.223	1.153m	1k
802.11ac VHT80-BF	0.924	0.343	1.943m	1k

Note:
- DC is Duty Cycle.
- DCF is Duty Cycle Factor.

1.1.4 EUT Operational Condition

EUT Power Type	Internal power supply			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	For 802.11n/ac in 5GHz.			
Weather Band	☐	With 5600~5650MHz	☒	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	For non-beamforming test: QRCT(Version3.0.187.0) For beamforming test: Ttermpro			

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT support type

Function	support type
AP Router	Master
Extender	Master + Slave
Mesh	Master + Slave

Note: The EUT supports AP Router、Extender and Mesh mode, only AP Router mode was tested and recorded in this test report for customer's request.

1.1.6 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR862827AB

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

Modifications	Performance Checking
1. Updating the hardware version to “SR3” from “SR2”. The detail differences as below. a) Updating the design for antenna. b) Change LED to DIP lamp from SMD chip c) Removing the absorber of the device. d) Adding U4 and U4 related components on the mother board. e) Change the opening size for pin header on the main frame.	1. AC Power-line Conducted Emissions 2. Unwanted Emissions For items 2 after evaluating, the worst case is found at 802.11a CH1 (5180MHz), CH165 (5825MHz), 11ac VHT40 CH46 (5230MHz), CH151 (5755MHz), 11ac VHT80 CH42 (5210MHz), CH155 (5755MHz) and retest these channels only and for above 1GHz will be based on original output power to retest.
2. Adding beamforming for Band 1 ~ Band 4. 3. Adding 5GHz band 2 and band 3 (5250~5350 MHz, 5470~5725 MHz) for this device.	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emissions

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
- FCC KDB 412172 D01 v01r01

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Owen Hsu	25°C / 65%	Jan. 08, 2019 ~ Jan. 23, 2019
Radiated	03CH01-CB	RJ Huang	22°C / 54%	Jan. 08, 2019 ~ Jan. 23, 2019
AC Conduction	CO02-CB	Wei Li	25°C / 65%	Jan. 14, 2019

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086D with Industry Canada.

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.0 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	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	PowerSetting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	24
5825MHz	24
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5230MHz	23
5755MHz	24
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	22
5775MHz	24
802.11a_Nss1,(6Mbps)_2TX	-
5260MHz	24
5300MHz	24
5320MHz	24
5500MHz	24
5580MHz	24
5700MHz	24
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5260MHz	24
5300MHz	24
5320MHz	24
5500MHz	24
5580MHz	24
5700MHz	24
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5270MHz	24
5310MHz	24
5510MHz	24
5550MHz	24
5670MHz	24
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5290MHz	24
5530MHz	24
5610MHz	24

Mode	PowerSetting
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-
5180MHz	21.5
5200MHz	22
5240MHz	22
5260MHz	21.5
5300MHz	22
5320MHz	22
5500MHz	22
5580MHz	21.5
5700MHz	20.5
5745MHz	21.5
5785MHz	22
5825MHz	22
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-
5190MHz	19.5
5230MHz	22
5270MHz	20.5
5310MHz	18
5510MHz	17
5550MHz	20.5
5670MHz	19
5755MHz	22
5795MHz	22
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-
5210MHz	18
5290MHz	18
5530MHz	16
5775MHz	22

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.
2.There are two modes of EUT for 802.11ac in 5GHz. One is beamforming mode, and the other is non-beamforming mode. Both modes have been tested and recorded in this test report.

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral
Operating Mode	Normal Link
1	AP Router mode

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	AP Router mode - EUT in Z axis
2	AP Router mode - EUT in Y axis
For operating mode 1 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
	The EUT was performed at Y axis and Z axis position for Unwanted Emissions test, and the worst case was found at Y axis. So the measurement will follow this same test configuration.
1	EUT in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz
Refer to Sporton Test Report No.: FA862827-02 for Co-location RF Exposure Evaluation.	

Note: For normal link mode, the bluetooth function doesn't work.

2.3 EUT Operation during Test

For CTX Mode:

non-beamforming mode:

The EUT was programmed to be in continuously transmitting mode.

beamforming mode:

During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under Ttermpro.
3. Executed "Ttermpro" 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: CO02-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E6430	N/A
B	NB	DELL	E6430	N/A
C	NB	DELL	E6430	N/A

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	NB	DELL	E4300	N/A
C	NB	DELL	E4300	N/A

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

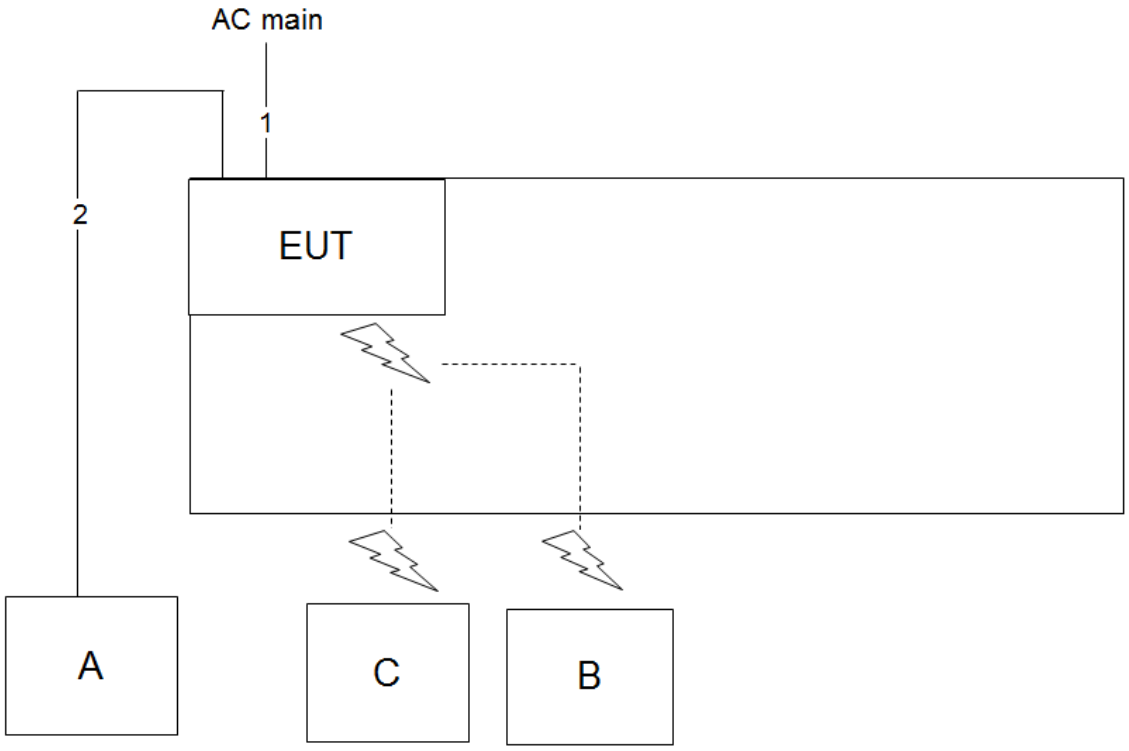
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A

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

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	WLAN AP	Qualcomm	N/A	N/A
C	NB	DELL	E4300	N/A

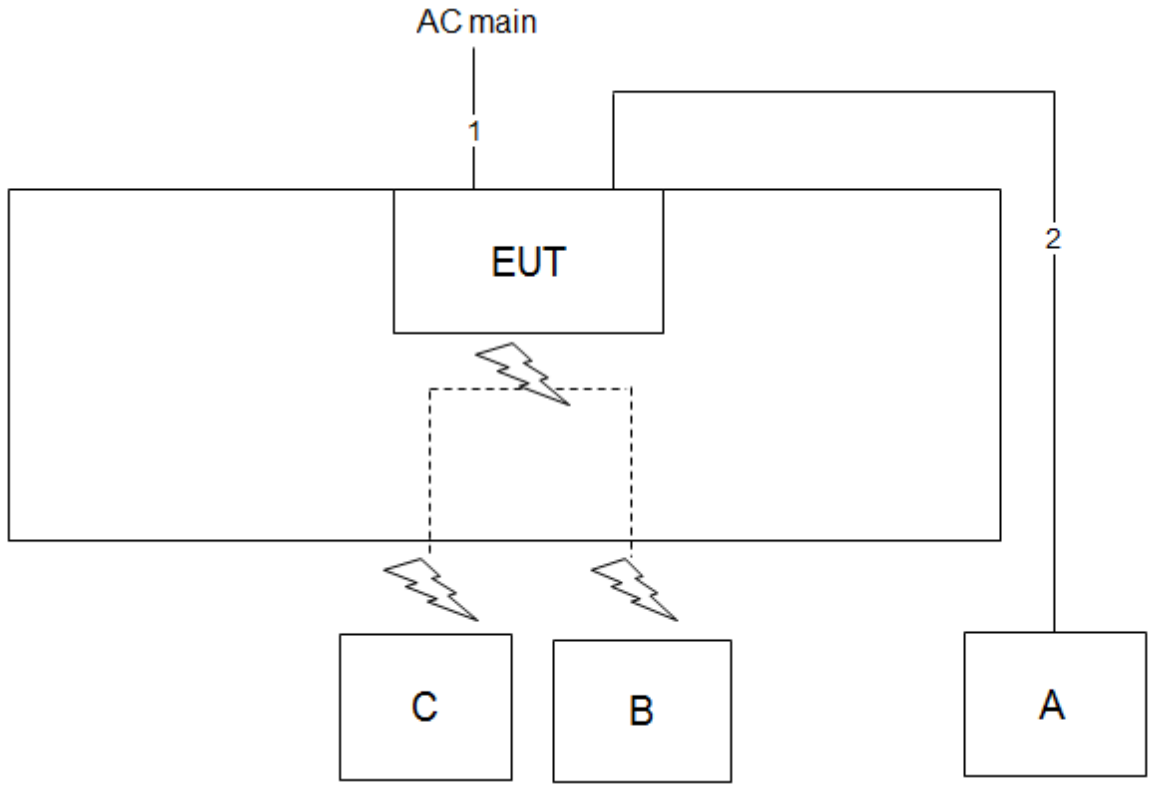
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



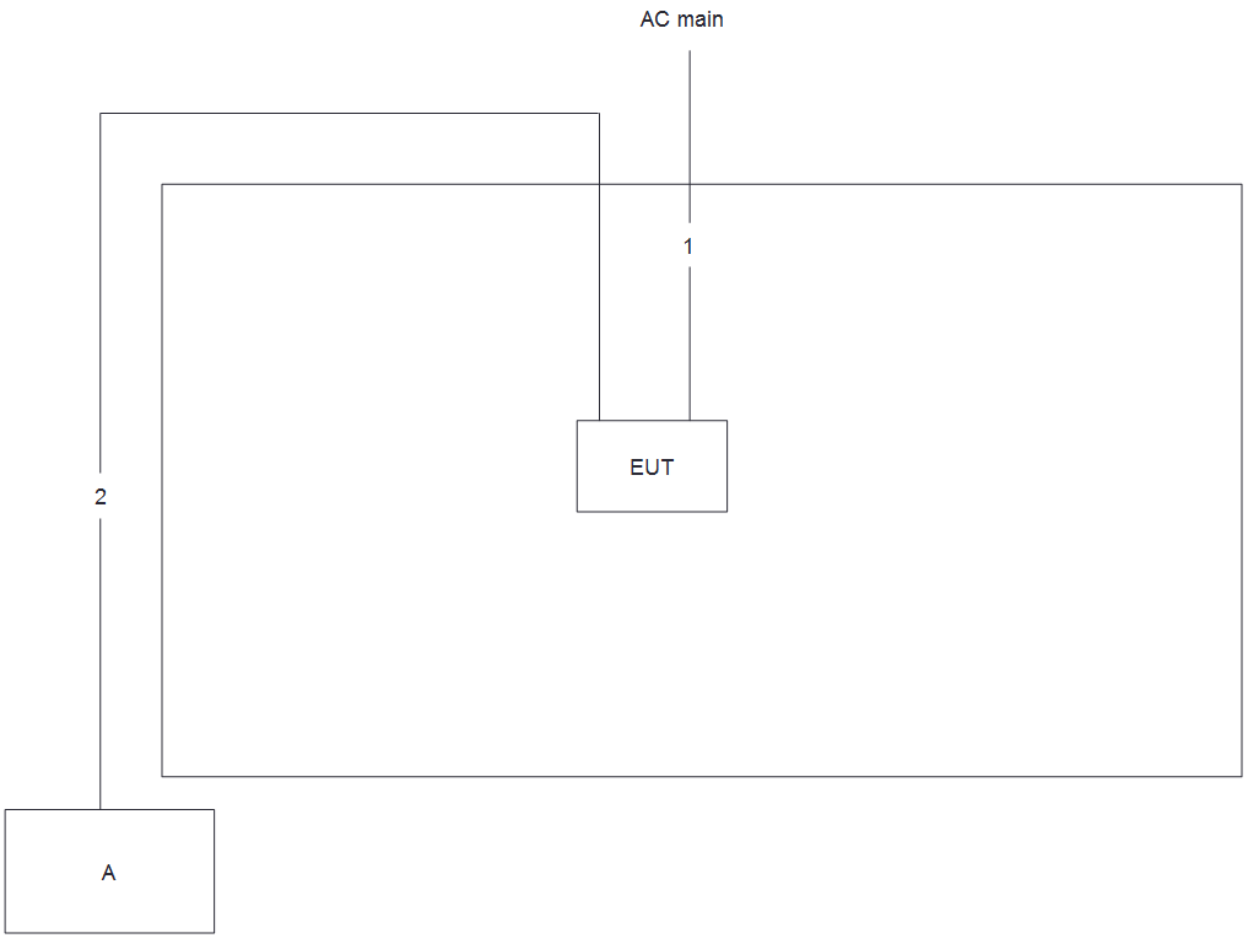
Item	Connection	Shielded	Length
1	Power cable	No	0.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test < 1GHz



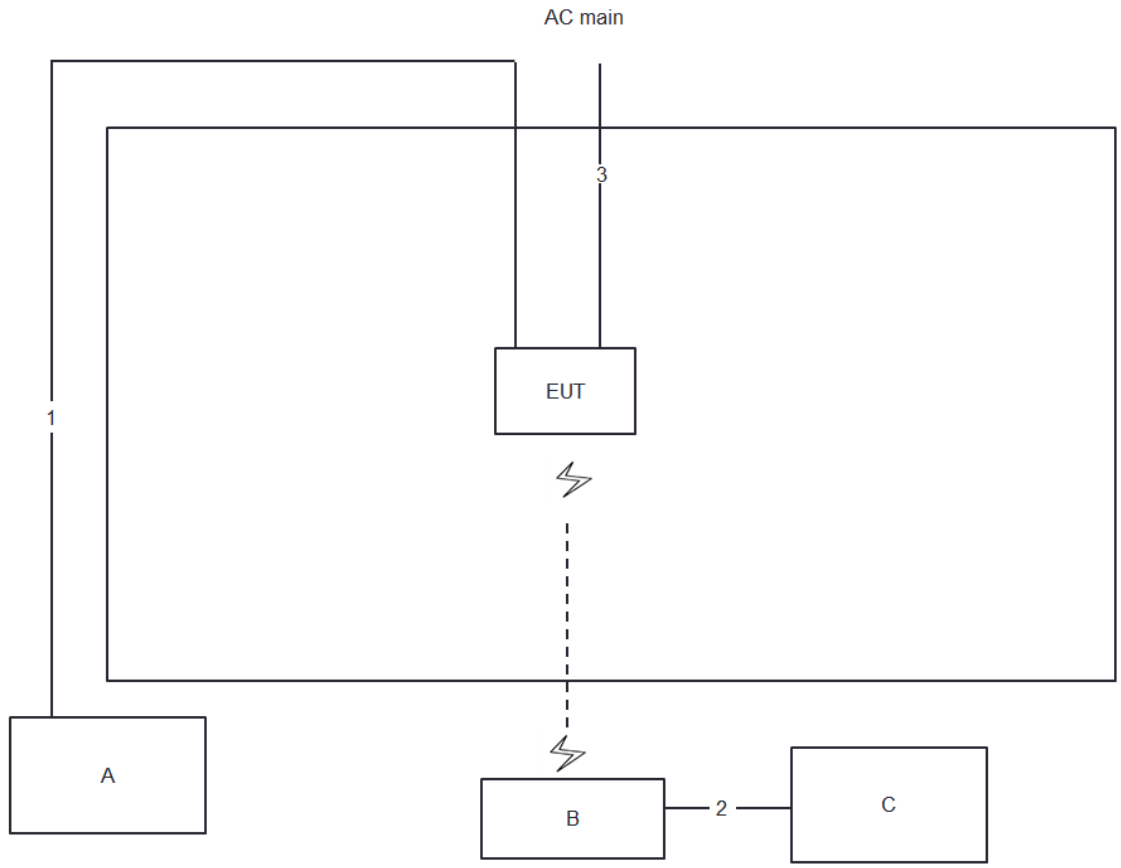
Item	Connection	Shielded	Length
1	Power cable	No	1.8m
2	RJ-45 cable	No	10m

Test Setup Diagram - Radiated Test > 1GHz, Non-Beamforming Mode



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

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



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

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

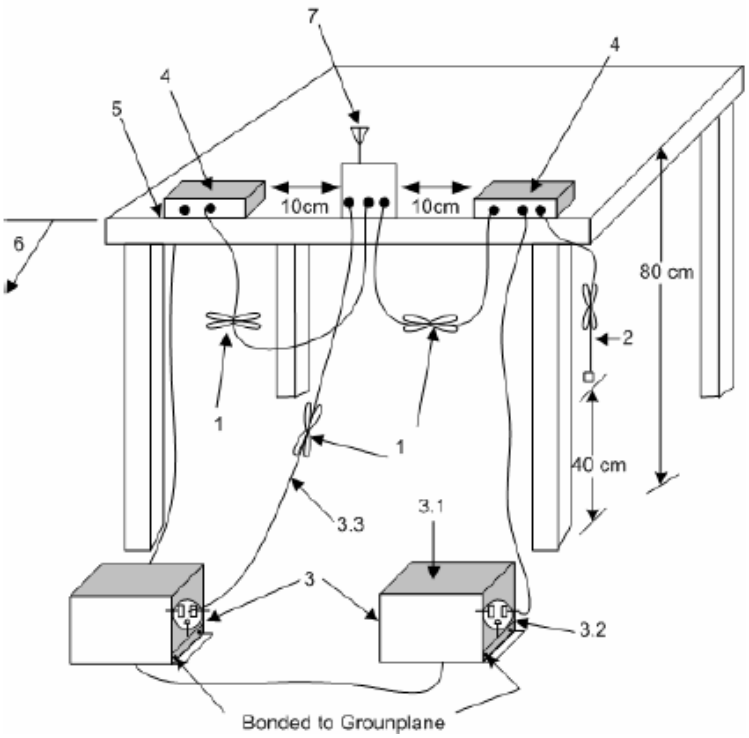
Refer a test equipment and calibration data table in this test report.

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

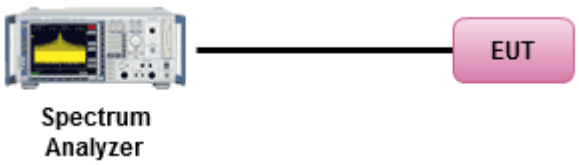
Refer a test equipment and calibration data table in this test report.

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 e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ 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.
☐	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.	

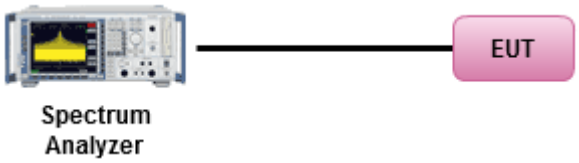
3.4.2 Measuring Instruments

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 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

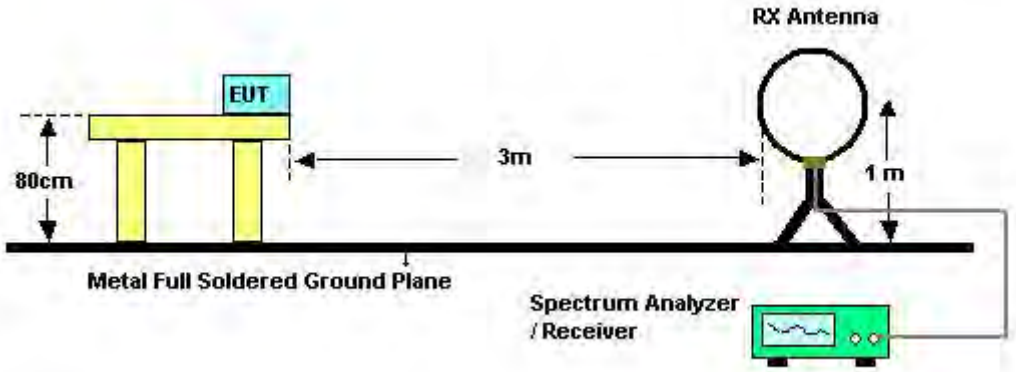
Test Method		
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies 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 G)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause G)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, G)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, G)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 11.12.2.5.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 7.5 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause G)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak limit.

Test Method	
▪ 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.	

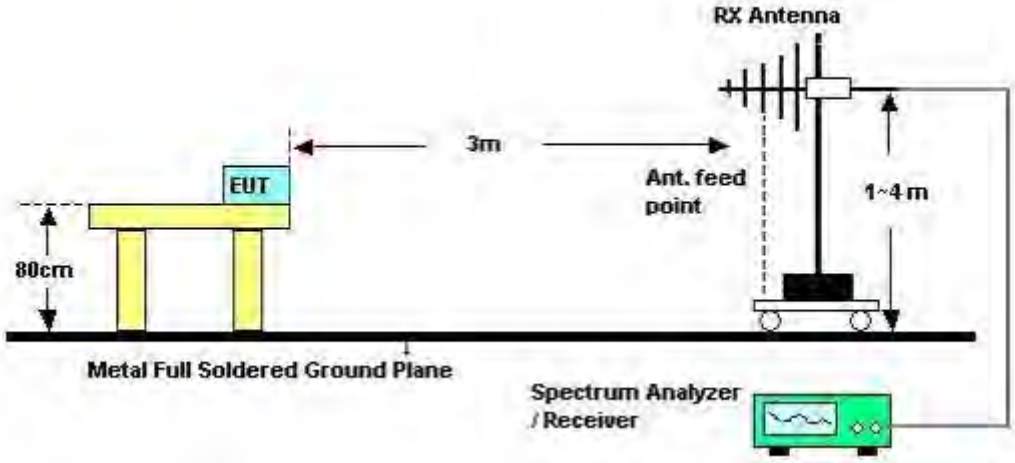
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

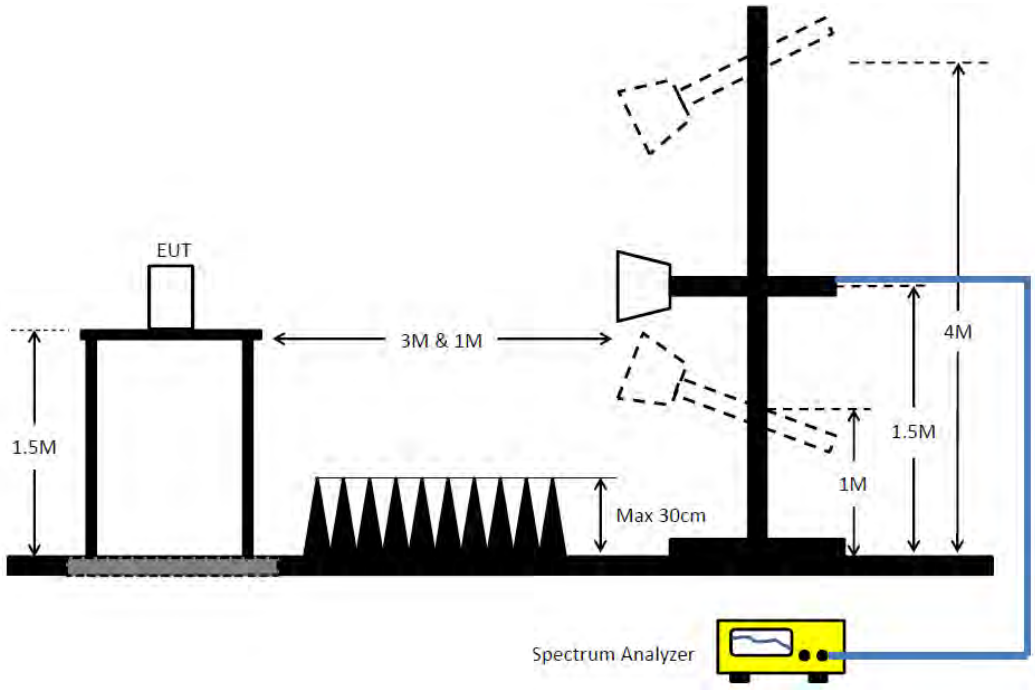
9kHz ~30MHz



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. 21, 2018	Nov. 20, 2019	Conduction (CO02-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 05, 2018	Nov. 04, 2019	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. 06, 2018	Nov. 05, 2019	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. 27, 2018	Aug. 26, 2019	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2018	Mar. 15, 2019	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
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	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 08, 2019	Jan. 07, 2020	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 04, 2018	Jul. 03, 2019	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100080	9kHz~40GHz	Oct. 03, 2018	Oct. 02, 2019	Radiation (03CH01-CB)
EMI Test Receiver	R&S	ESCS	100359	9kHz ~ 2.75GHz	Jul. 03, 2018	Jul. 02, 2019	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)

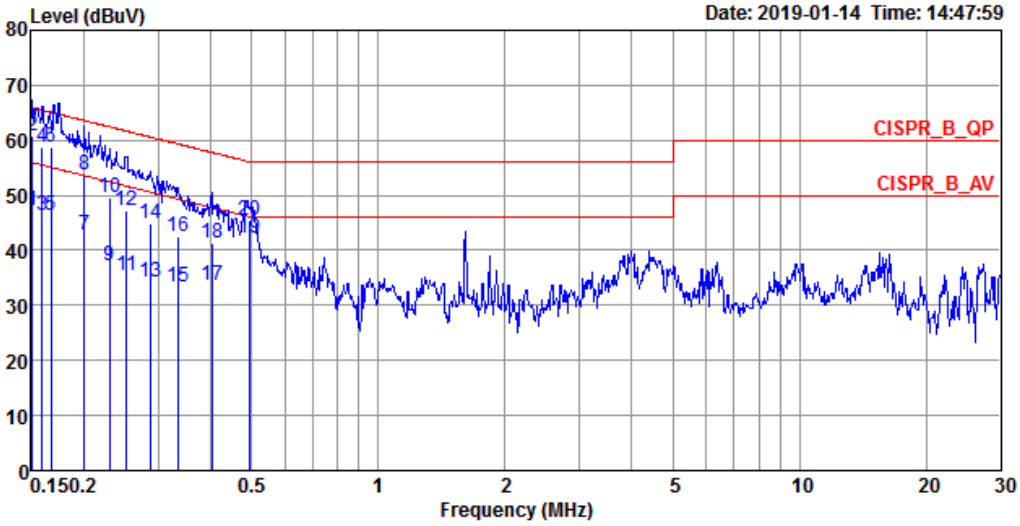
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jun. 22, 2018	Jun. 21, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-08	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-09	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 05, 2018	Nov. 04, 2019	Conducted (TH01-CB)

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

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

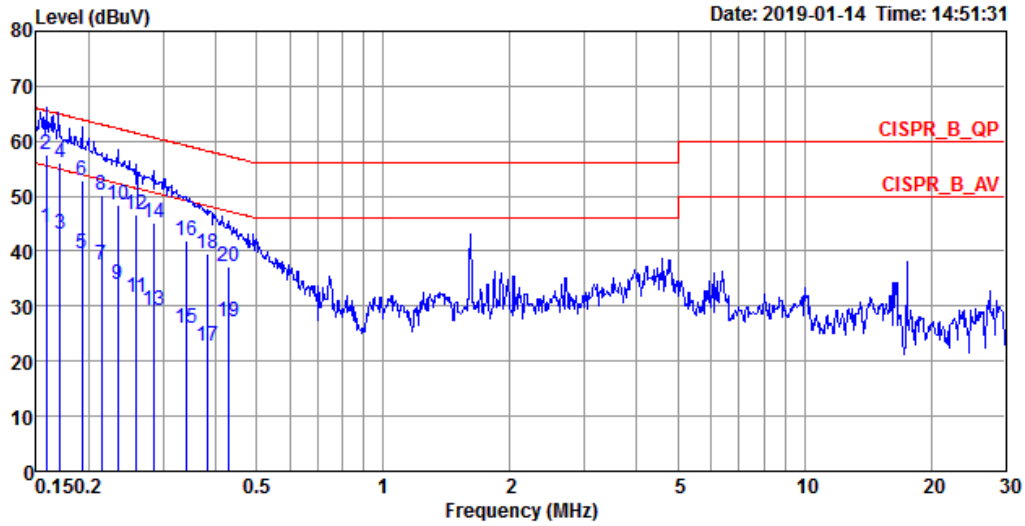
Test Mode	Mode 1	Frequency Range	0.15 MHz to 30 MHz

Line



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1508	47.27	-8.69	55.96	37.10	10.15	0.02	Average	LINE
2	0.1508	60.69	-5.27	65.96	50.52	10.15	0.02	QP	LINE
3	0.1590	46.28	-9.24	55.52	36.11	10.15	0.02	Average	LINE
4	0.1590	58.70	-6.82	65.52	48.53	10.15	0.02	QP	LINE
5	0.1668	46.35	-8.77	55.12	36.18	10.15	0.02	Average	LINE
6	0.1668	58.62	-6.50	65.12	48.45	10.15	0.02	QP	LINE
7	0.2007	42.72	-10.86	53.58	32.55	10.15	0.02	Average	LINE
8	0.2007	53.66	-9.92	63.58	43.49	10.15	0.02	QP	LINE
9	0.2297	37.27	-15.19	52.46	27.10	10.15	0.02	Average	LINE
10	0.2297	49.65	-12.81	62.46	39.48	10.15	0.02	QP	LINE
11	0.2521	35.28	-16.41	51.69	25.11	10.15	0.02	Average	LINE
12	0.2521	47.35	-14.34	61.69	37.18	10.15	0.02	QP	LINE
13	0.2878	34.24	-16.35	50.59	24.06	10.16	0.02	Average	LINE
14	0.2878	44.90	-15.69	60.59	34.72	10.16	0.02	QP	LINE
15	0.3338	33.31	-16.04	49.35	23.13	10.16	0.02	Average	LINE
16	0.3338	42.65	-16.70	59.35	32.47	10.16	0.02	QP	LINE
17	0.4019	33.77	-14.04	47.81	23.59	10.16	0.02	Average	LINE
18	0.4019	41.31	-16.50	57.81	31.13	10.16	0.02	QP	LINE
19	0.4954	42.20	-3.88	46.08	32.02	10.16	0.02	Average	LINE
20	0.4954	45.37	-10.71	56.08	35.19	10.16	0.02	QP	LINE

Neutral



	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark	Pol/Phase
	MHz	dBuV	dB	dBuV	dBuV	dB	dB		
1	0.1582	44.26	-11.30	55.56	34.11	10.13	0.02	Average	NEUTRAL
2	0.1582	57.46	-8.10	65.56	47.31	10.13	0.02	QP	NEUTRAL
3	0.1707	43.18	-11.75	54.93	33.03	10.13	0.02	Average	NEUTRAL
4	0.1707	56.10	-8.83	64.93	45.95	10.13	0.02	QP	NEUTRAL
5	0.1924	39.57	-14.36	53.93	29.42	10.13	0.02	Average	NEUTRAL
6	0.1924	52.84	-11.09	63.93	42.69	10.13	0.02	QP	NEUTRAL
7	0.2139	37.41	-15.64	53.05	27.26	10.13	0.02	Average	NEUTRAL
8	0.2139	50.08	-12.97	63.05	39.93	10.13	0.02	QP	NEUTRAL
9	0.2341	33.90	-18.40	52.30	23.75	10.13	0.02	Average	NEUTRAL
10	0.2341	48.46	-13.84	62.30	38.31	10.13	0.02	QP	NEUTRAL
11	0.2589	31.52	-19.95	51.47	21.37	10.13	0.02	Average	NEUTRAL
12	0.2589	46.77	-14.70	61.47	36.62	10.13	0.02	QP	NEUTRAL
13	0.2848	29.11	-21.57	50.68	18.95	10.14	0.02	Average	NEUTRAL
14	0.2848	45.13	-15.55	60.68	34.97	10.14	0.02	QP	NEUTRAL
15	0.3392	25.85	-23.37	49.22	15.69	10.14	0.02	Average	NEUTRAL
16	0.3392	41.93	-17.29	59.22	31.77	10.14	0.02	QP	NEUTRAL
17	0.3832	22.85	-25.36	48.21	12.69	10.14	0.02	Average	NEUTRAL
18	0.3832	39.52	-18.69	58.21	29.36	10.14	0.02	QP	NEUTRAL
19	0.4282	27.15	-20.14	47.29	16.99	10.14	0.02	Average	NEUTRAL
20	0.4282	37.30	-19.99	57.29	27.14	10.14	0.02	QP	NEUTRAL

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	19.375M	16.417M	16M4D1D	18.775M	16.392M
802.11ac VHT20_Nss1,(MCS0)_2TX	20.55M	17.641M	17M6D1D	19.775M	17.591M
802.11ac VHT40_Nss1,(MCS0)_2TX	40M	35.982M	36M0D1D	39.85M	35.882M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.6M	75.762M	75M8D1D	83.4M	75.762M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	28.925M	16.567M	16M6D1D	18.775M	16.367M
802.11ac VHT20_Nss1,(MCS0)_2TX	22.95M	17.691M	17M7D1D	19.825M	17.516M
802.11ac VHT40_Nss1,(MCS0)_2TX	66.2M	36.232M	36M2D1D	39.85M	35.932M
802.11ac VHT80_Nss1,(MCS0)_2TX	83.5M	76.062M	76M1D1D	83.3M	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

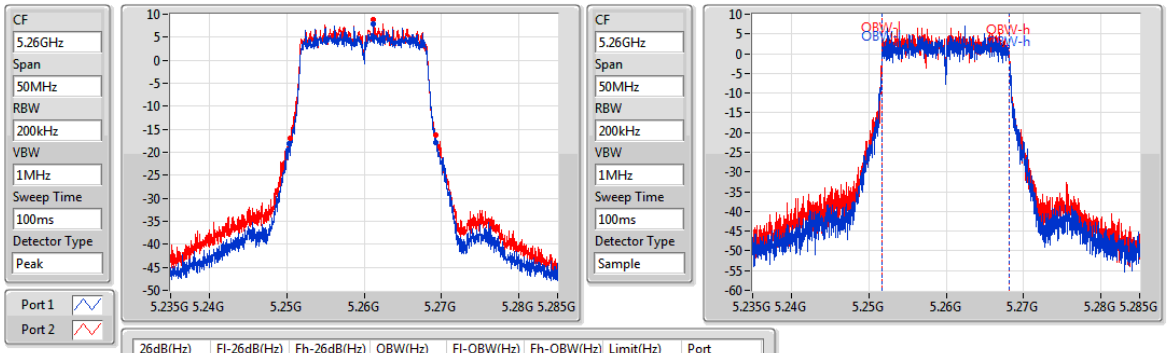
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	18.95M	16.417M	18.775M	16.392M
5300MHz	Pass	Inf	19.375M	16.392M	18.85M	16.417M
5320MHz	Pass	Inf	19.1M	16.417M	19M	16.417M
5500MHz	Pass	Inf	19.65M	16.417M	18.925M	16.417M
5580MHz	Pass	Inf	28.925M	16.567M	19.7M	16.367M
5700MHz	Pass	Inf	22.925M	16.517M	18.775M	16.467M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	Inf	19.775M	17.616M	20.55M	17.616M
5300MHz	Pass	Inf	19.85M	17.591M	19.9M	17.616M
5320MHz	Pass	Inf	20.5M	17.616M	20.475M	17.641M
5500MHz	Pass	Inf	20.55M	17.616M	20.5M	17.666M
5580MHz	Pass	Inf	22.95M	17.691M	21.025M	17.666M
5700MHz	Pass	Inf	22.175M	17.691M	19.825M	17.516M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	Inf	40M	35.882M	39.85M	35.932M
5310MHz	Pass	Inf	39.85M	35.982M	39.85M	35.882M
5510MHz	Pass	Inf	40.45M	35.982M	40.1M	36.132M
5550MHz	Pass	Inf	39.85M	35.932M	39.95M	36.082M
5670MHz	Pass	Inf	66.2M	36.232M	40M	36.132M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	Inf	83.4M	75.762M	83.6M	75.762M
5530MHz	Pass	Inf	83.5M	75.762M	83.3M	76.062M

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

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

5260MHz

17/01/2019

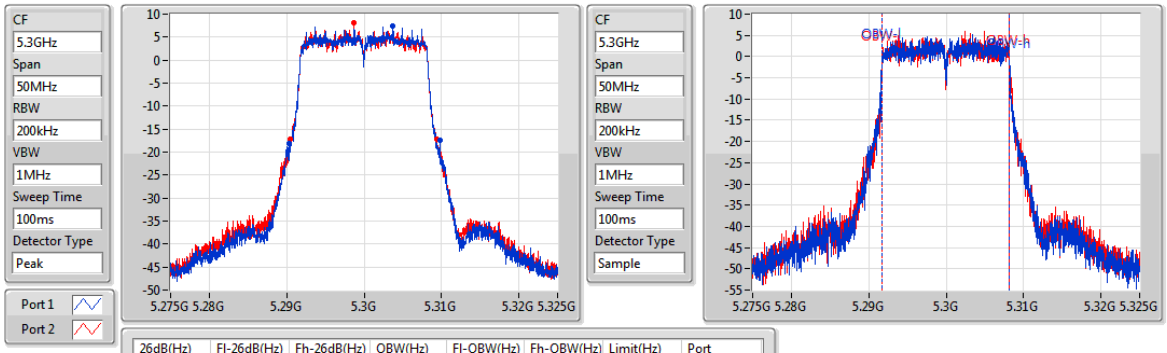


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.95M	5.250375G	5.269325G	16.417M	5.251754G	5.268171G	Inf	1
18.775M	5.25045G	5.269225G	16.392M	5.251754G	5.268146G	Inf	2

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

5300MHz

17/01/2019

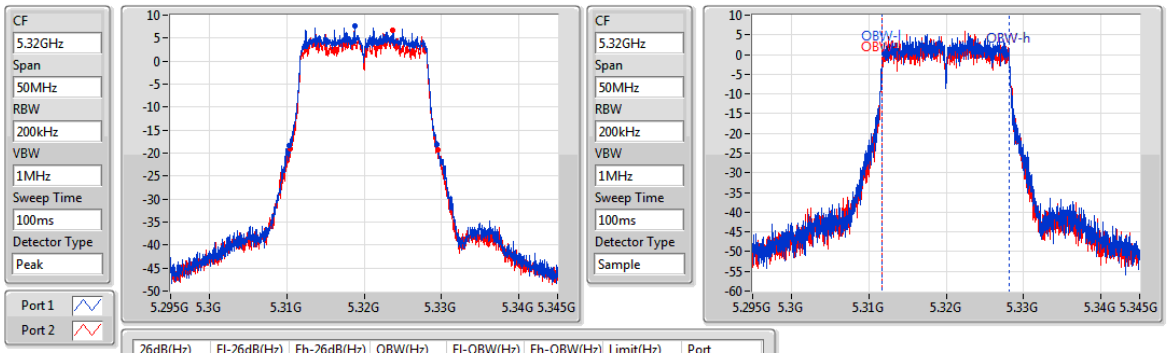


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.375M	5.290375G	5.30975G	16.392M	5.291779G	5.308171G	Inf	1
18.85M	5.290525G	5.309375G	16.417M	5.291779G	5.308196G	Inf	2

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

5320MHz

17/01/2019

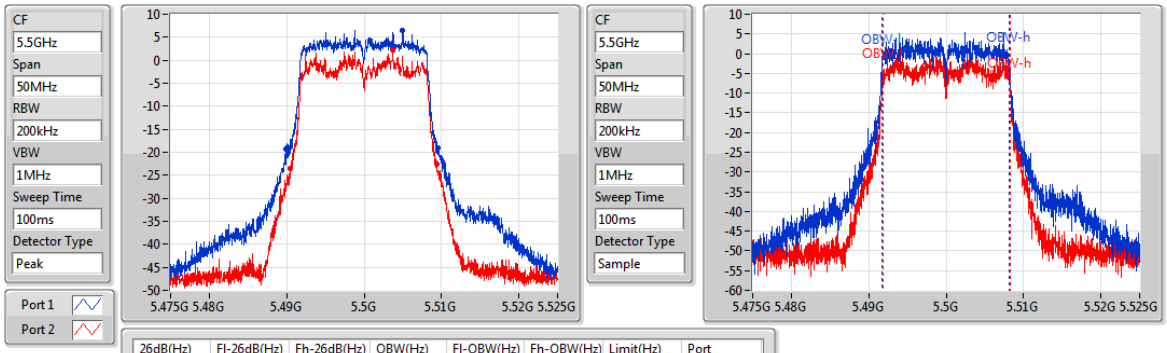


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.1M	5.310325G	5.329425G	16.417M	5.311754G	5.328171G	Inf	1
19M	5.310475G	5.329475G	16.417M	5.311754G	5.328171G	Inf	2

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

5500MHz

17/01/2019

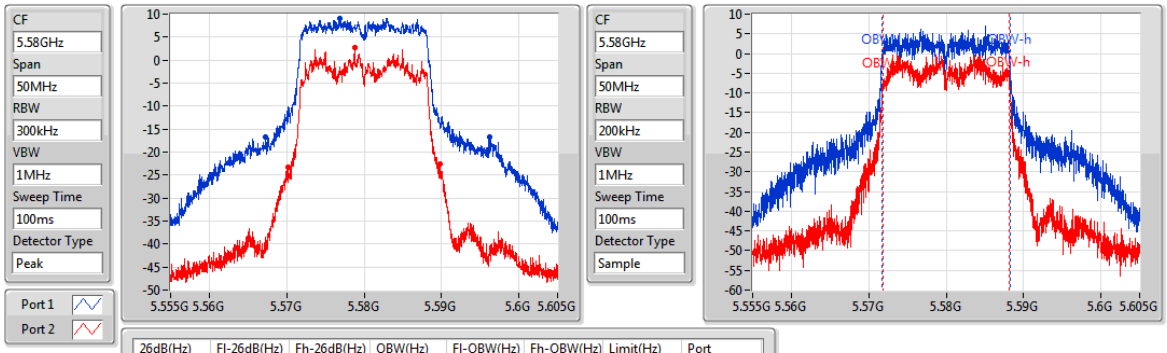


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.4899G	5.50955G	16.417M	5.491754G	5.508171G	Inf	1
18.925M	5.4905G	5.509425G	16.417M	5.491804G	5.508221G	Inf	2

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

5580MHz

17/01/2019

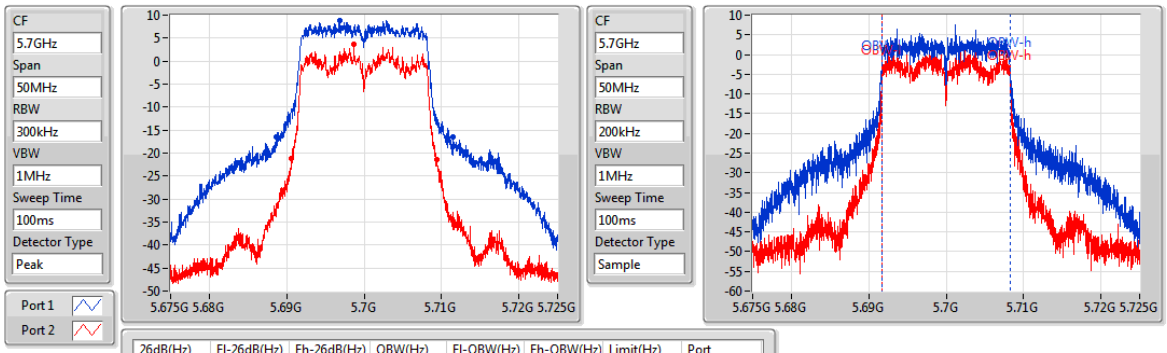


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.925M	5.567275G	5.5962G	16.567M	5.571654G	5.588221G	Inf	1
19.7M	5.570125G	5.589825G	16.367M	5.571829G	5.588196G	Inf	2

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

5700MHz

17/01/2019

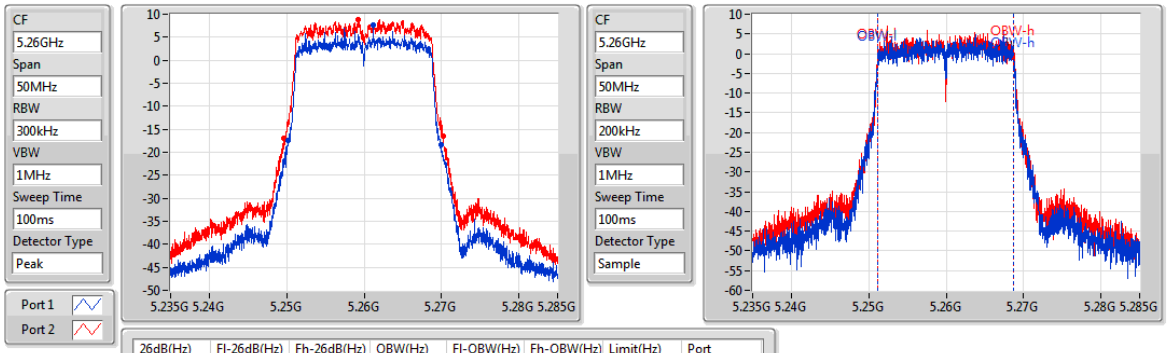


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.925M	5.688625G	5.71155G	16.517M	5.691704G	5.708221G	Inf	1
18.775M	5.69065G	5.709425G	16.467M	5.691754G	5.708221G	Inf	2

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

5260MHz

17/01/2019

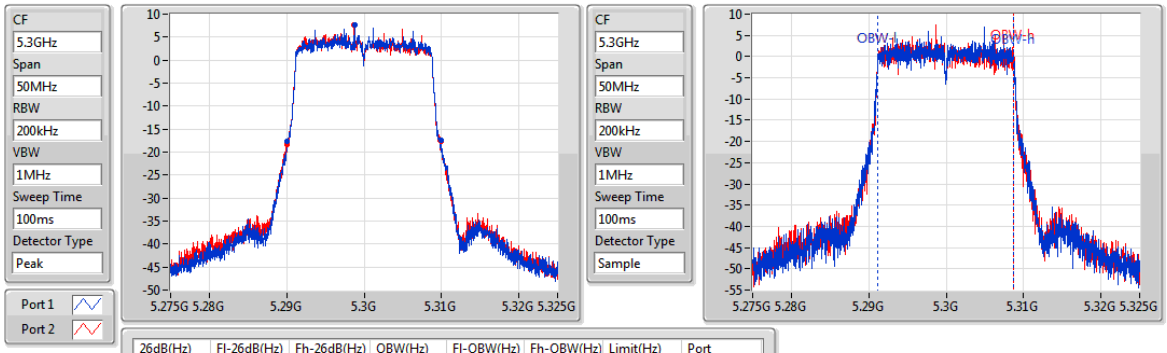


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.775M	5.250175G	5.26995G	17.616M	5.251154G	5.268771G	Inf	1
20.55M	5.249675G	5.270225G	17.616M	5.251154G	5.268771G	Inf	2

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

5300MHz

17/01/2019

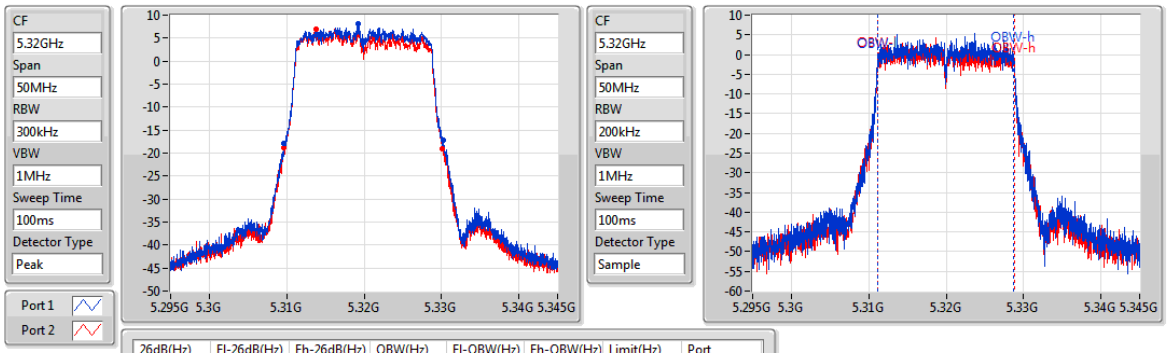


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.85M	5.29005G	5.3099G	17.591M	5.291179G	5.308771G	Inf	1
19.9M	5.29005G	5.30995G	17.616M	5.291154G	5.308771G	Inf	2

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

5320MHz

17/01/2019

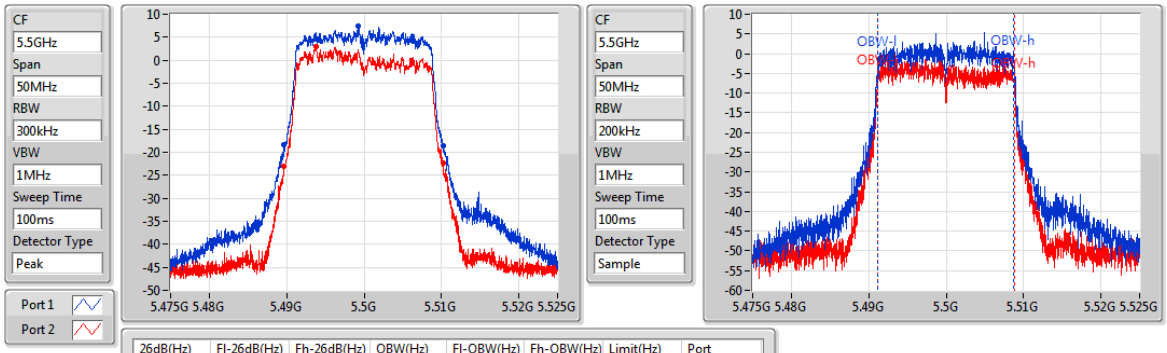


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.5M	5.309675G	5.330175G	17.616M	5.311154G	5.328771G	Inf	1
20.475M	5.309675G	5.33015G	17.641M	5.311154G	5.328796G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5500MHz

17/01/2019

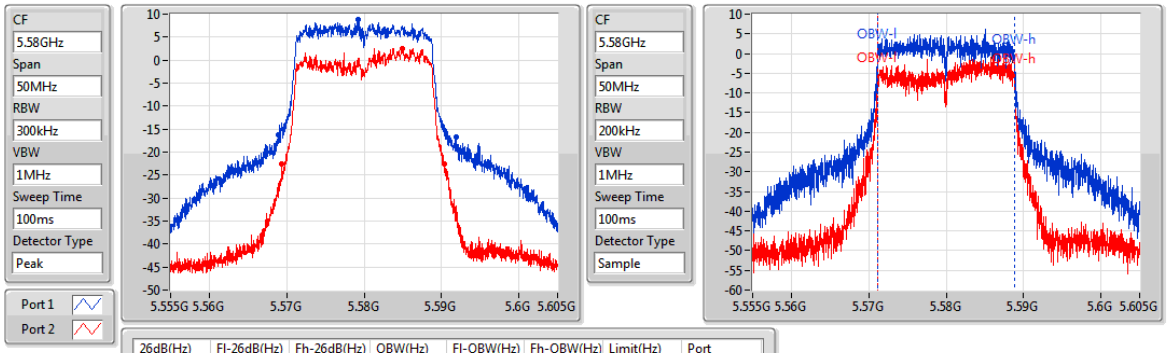


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.489675G	5.510225G	17.616M	5.491154G	5.508771G	Inf	1
20.5M	5.489675G	5.510175G	17.666M	5.491129G	5.508796G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5580MHz

17/01/2019

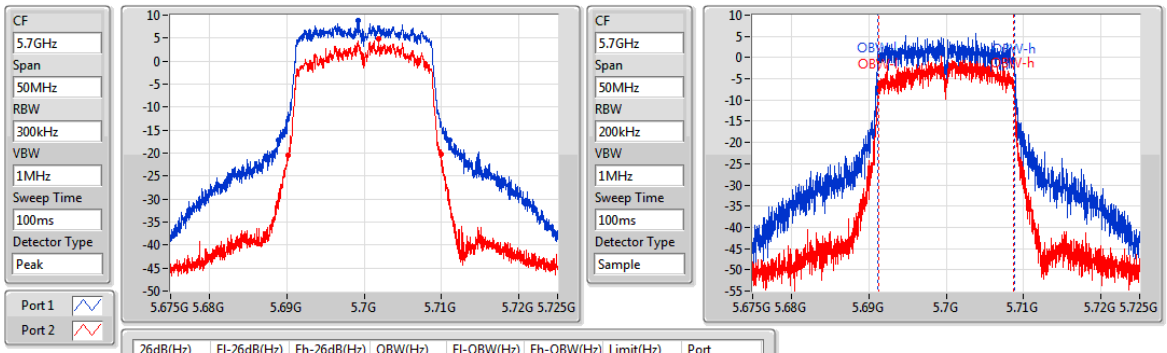


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.95M	5.5689G	5.59185G	17.691M	5.571129G	5.588821G	Inf	1
21.025M	5.569375G	5.5904G	17.666M	5.571154G	5.588821G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5700MHz

17/01/2019

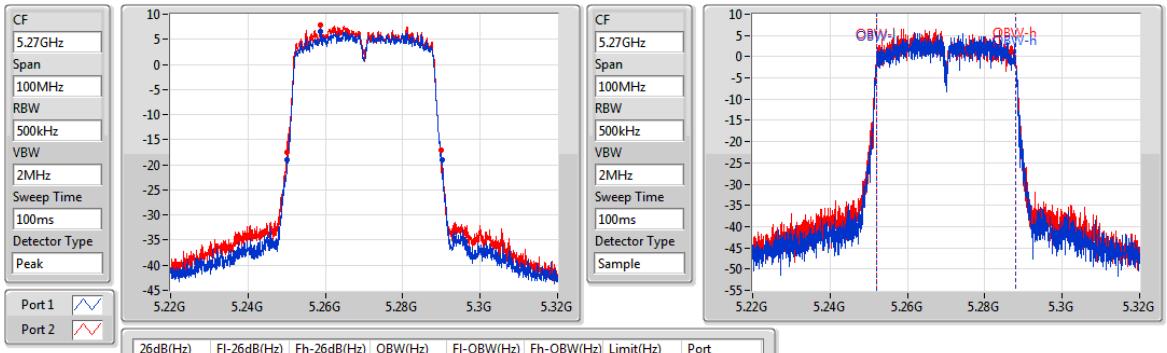


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
22.175M	5.68895G	5.711125G	17.691M	5.691129G	5.708821G	Inf	1
19.825M	5.690125G	5.70995G	17.516M	5.691229G	5.708746G	Inf	2

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

5270MHz

17/01/2019

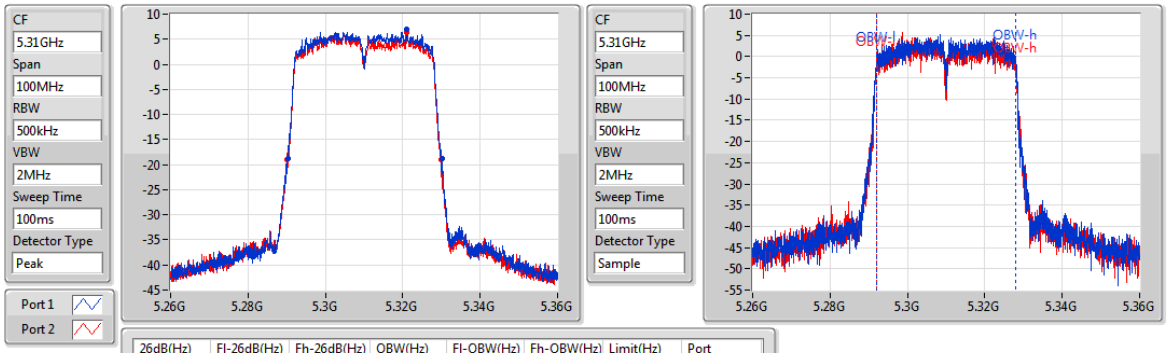


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40M	5.2501G	5.2901G	35.882M	5.252059G	5.287941G	Inf	1
39.85M	5.2501G	5.28995G	35.932M	5.252009G	5.287941G	Inf	2

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

5310MHz

17/01/2019

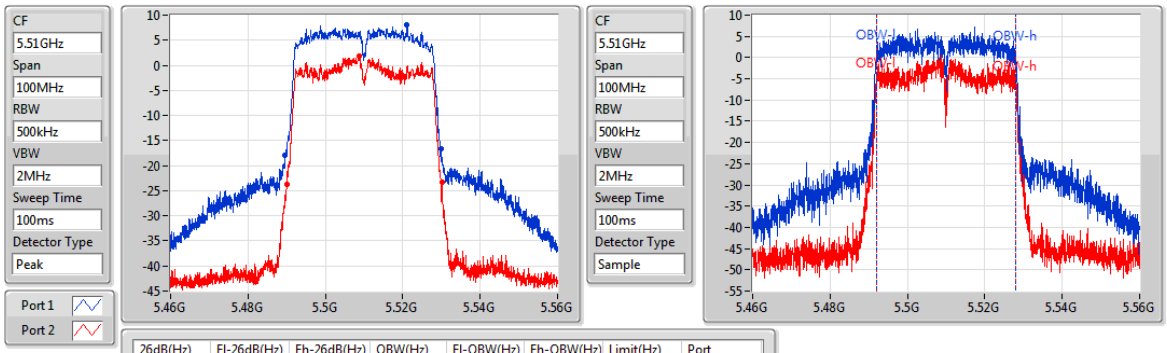


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.85M	5.29025G	5.3301G	35.982M	5.292009G	5.327991G	Inf	1
39.85M	5.2901G	5.32995G	35.882M	5.292009G	5.327891G	Inf	2

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

5510MHz

17/01/2019

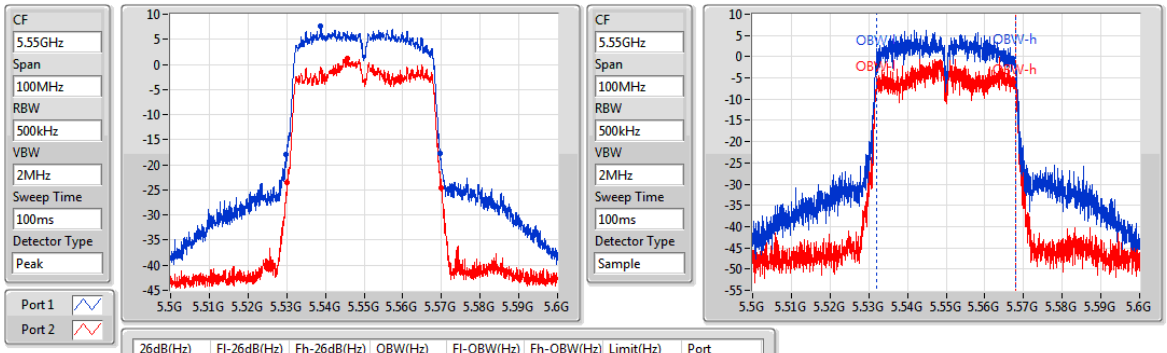


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.45M	5.4895G	5.52995G	35.982M	5.491959G	5.527941G	Inf	1
40.1M	5.49G	5.5301G	36.132M	5.491909G	5.528041G	Inf	2

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

5550MHz

17/01/2019

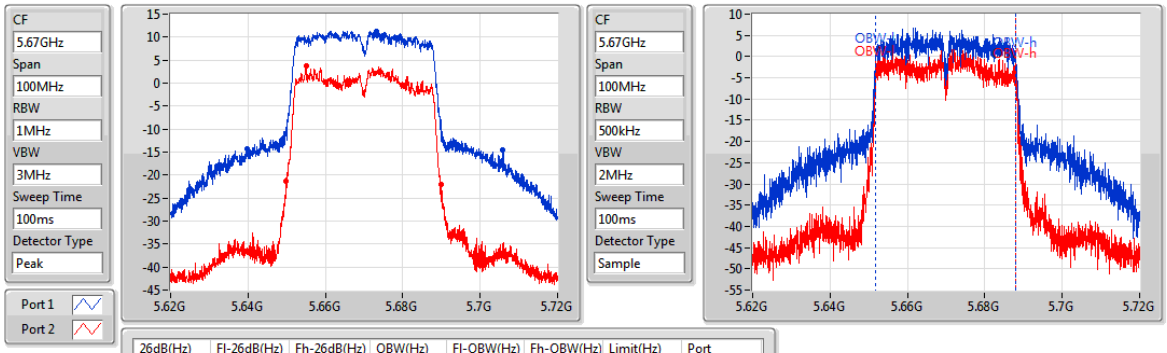


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.85M	5.52985G	5.5697G	35.932M	5.531959G	5.567891G	Inf	1
39.95M	5.5301G	5.57005G	36.082M	5.531959G	5.568041G	Inf	2

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

5670MHz

17/01/2019

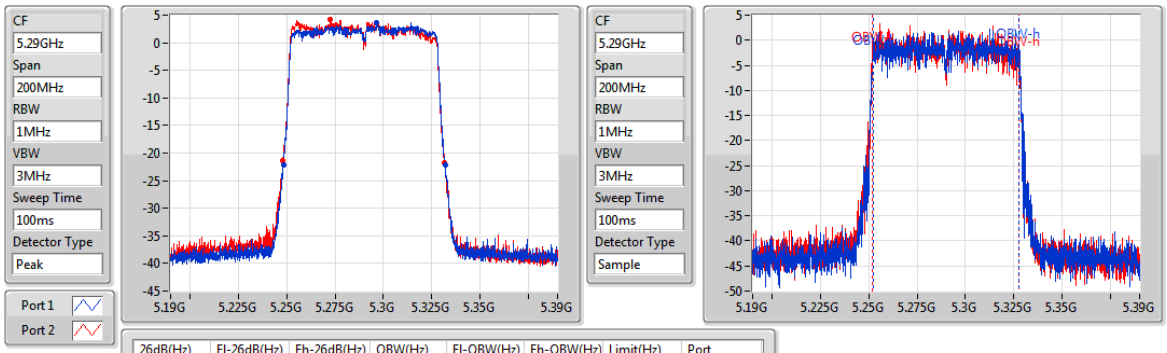


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
66.2M	5.6397G	5.7059G	36.232M	5.651809G	5.688041G	Inf	1
40M	5.64985G	5.68985G	36.132M	5.651859G	5.687991G	Inf	2

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

5290MHz

17/01/2019

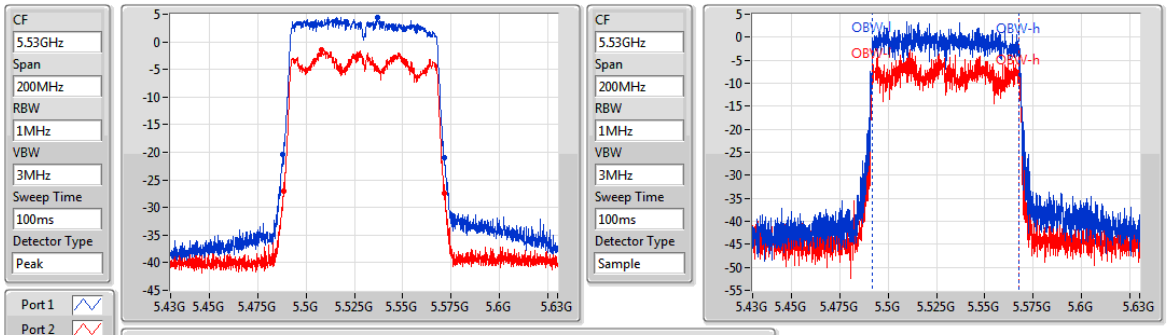


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.4M	5.2484G	5.3318G	75.762M	5.252119G	5.327881G	Inf	1
83.6M	5.2481G	5.3317G	75.762M	5.251919G	5.327681G	Inf	2

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

5530MHz

17/01/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
83.5M	5.488G	5.5715G	75.762M	5.492019G	5.567781G	Inf	1
83.3M	5.4884G	5.5717G	76.062M	5.491819G	5.567881G	Inf	2

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.475M	17.691M	17M7D1D	20.725M	17.616M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	51.6M	36.482M	36M5D1D	39.15M	35.932M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.1M	75.762M	75M8D1D	80.8M	75.762M
5.25-5.35GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.225M	17.641M	17M6D1D	19.85M	17.566M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	39.6M	36.082M	36M1D1D	39.2M	35.932M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.8M	75.862M	75M9D1D	80.9M	75.662M
5.47-5.725GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	30.2M	17.816M	17M8D1D	20.6M	17.541M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	47.9M	36.282M	36M3D1D	39M	35.932M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	82.8M	75.762M	75M8D1D	82M	75.762M
5.725-5.85GHz	-	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	17.5M	18.091M	18M1D1D	15.675M	17.616M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	35.65M	36.132M	36M1D1D	33.8M	35.982M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	71.3M	75.862M	75M9D1D	60.1M	75.662M

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

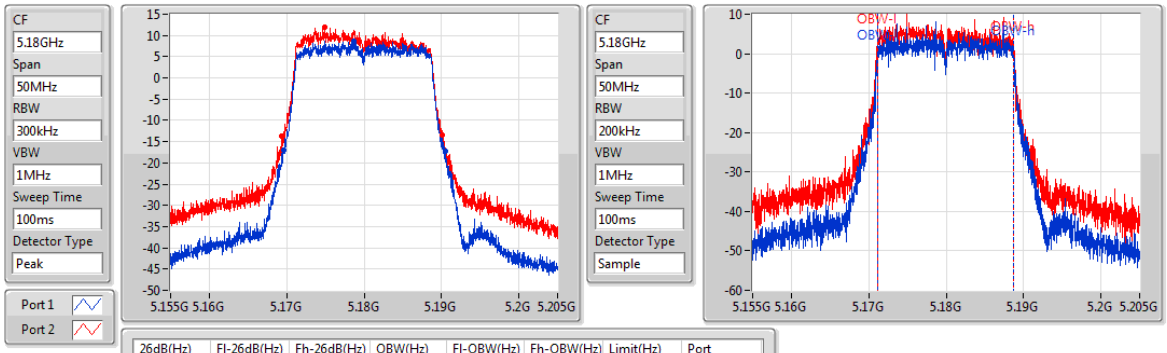
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	20.95M	17.641M	20.725M	17.616M
5200MHz	Pass	Inf	20.725M	17.641M	20.85M	17.691M
5240MHz	Pass	Inf	20.75M	17.641M	21.475M	17.666M
5260MHz	Pass	Inf	20.525M	17.616M	19.975M	17.641M
5300MHz	Pass	Inf	21M	17.641M	21.75M	17.616M
5320MHz	Pass	Inf	19.85M	17.566M	22.225M	17.641M
5500MHz	Pass	Inf	20.925M	17.641M	23.425M	17.691M
5580MHz	Pass	Inf	27.325M	17.741M	30.2M	17.816M
5700MHz	Pass	Inf	20.6M	17.541M	23.175M	17.791M
5745MHz	Pass	500k	16.85M	17.766M	16.275M	17.616M
5785MHz	Pass	500k	17.5M	17.641M	15.675M	17.691M
5825MHz	Pass	500k	16.4M	18.091M	16.175M	17.716M
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	39.35M	35.932M	39.15M	36.082M
5230MHz	Pass	Inf	39.9M	35.982M	51.6M	36.482M
5270MHz	Pass	Inf	39.6M	36.032M	39.45M	35.932M
5310MHz	Pass	Inf	39.4M	35.932M	39.2M	36.082M
5510MHz	Pass	Inf	39M	35.932M	39.6M	36.132M
5550MHz	Pass	Inf	47.9M	36.082M	43.85M	36.282M
5670MHz	Pass	Inf	41.4M	36.132M	40.1M	36.182M
5755MHz	Pass	500k	35.65M	36.032M	35M	35.982M
5795MHz	Pass	500k	33.8M	36.132M	34.65M	36.032M
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	82.1M	75.762M	80.8M	75.762M
5290MHz	Pass	Inf	82.8M	75.662M	80.9M	75.862M
5530MHz	Pass	Inf	82.8M	75.762M	82M	75.762M
5775MHz	Pass	500k	60.1M	75.662M	71.3M	75.862M

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;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

5180MHz

23/01/2019

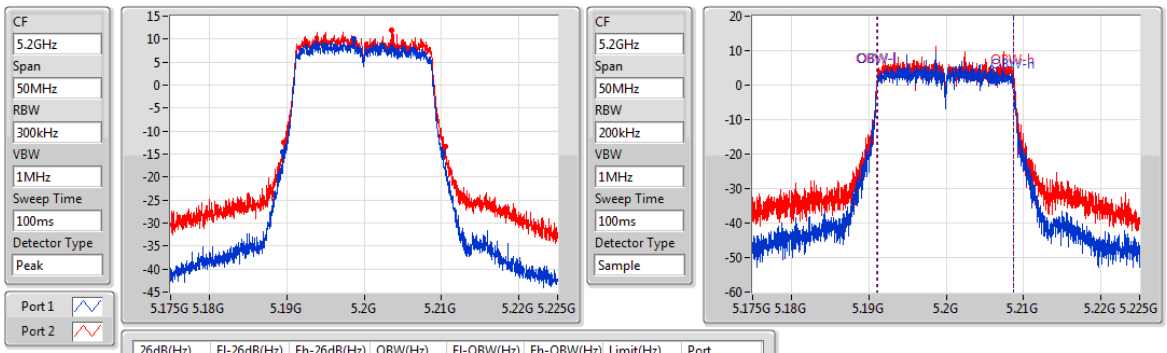


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.95M	5.169575G	5.190525G	17.641M	5.171104G	5.188746G	Inf	1
20.725M	5.1694G	5.190125G	17.616M	5.171104G	5.188721G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

5200MHz

23/01/2019

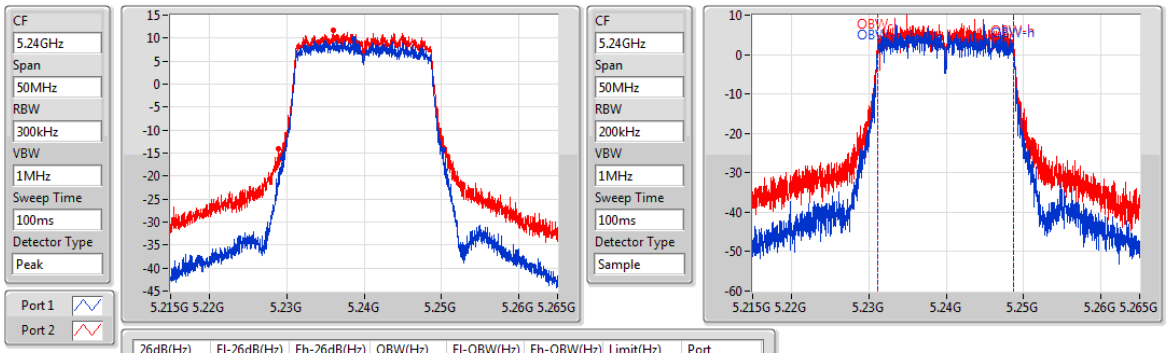


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.725M	5.189525G	5.21025G	17.641M	5.191104G	5.208746G	Inf	1
20.85M	5.18965G	5.2105G	17.691M	5.191079G	5.208771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

5240MHz

23/01/2019

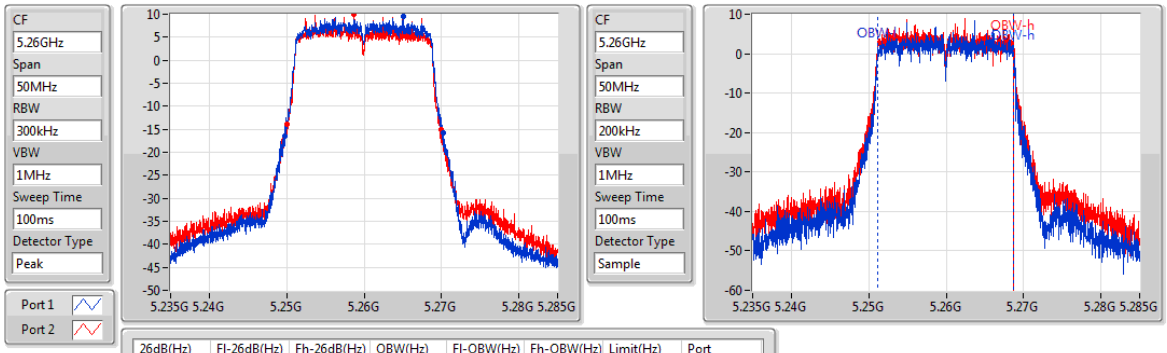


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.75M	5.229475G	5.250225G	17.641M	5.231104G	5.248746G	Inf	1
21.475M	5.22895G	5.250425G	17.666M	5.231104G	5.248771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5260MHz

23/01/2019

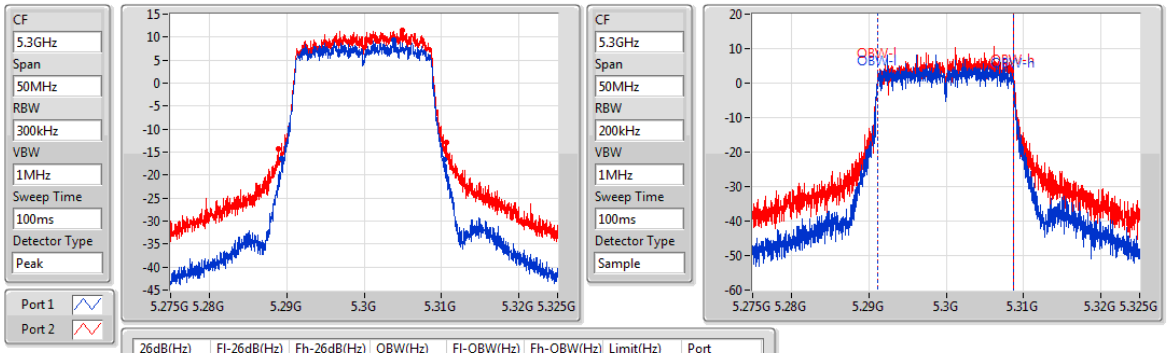


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.525M	5.24975G	5.270275G	17.616M	5.251129G	5.268746G	Inf	1
19.975M	5.25G	5.269975G	17.641M	5.251104G	5.268746G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5300MHz

23/01/2019

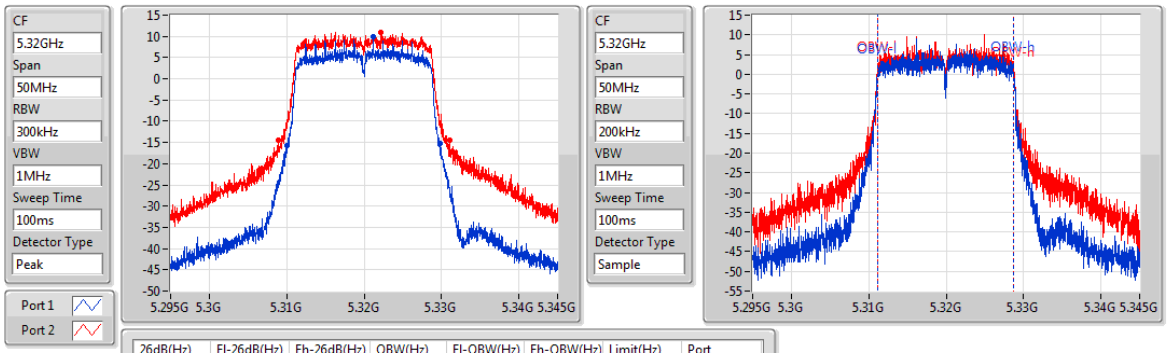


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
21M	5.28935G	5.31035G	17.641M	5.291104G	5.308746G	Inf	1
21.75M	5.2889G	5.31065G	17.616M	5.291154G	5.308771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX EBW

5320MHz

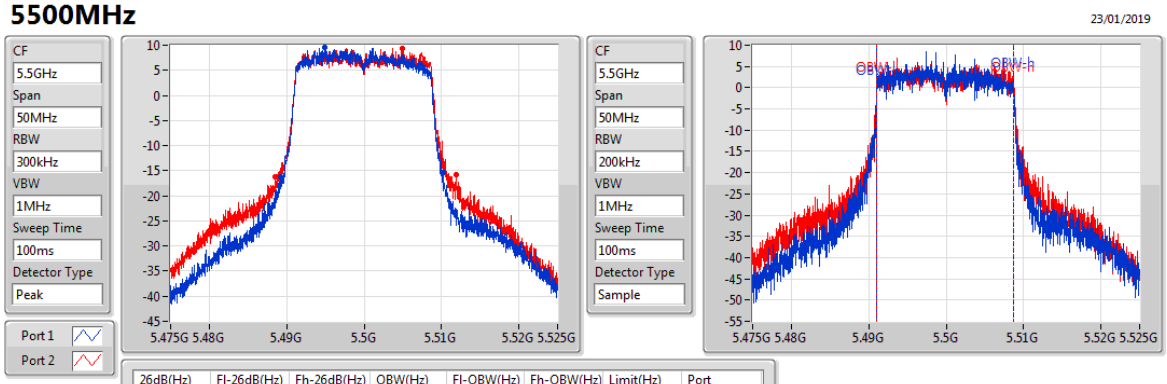
23/01/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.85M	5.310025G	5.329875G	17.566M	5.311154G	5.328721G	Inf	1
22.225M	5.308875G	5.3311G	17.641M	5.311129G	5.328771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

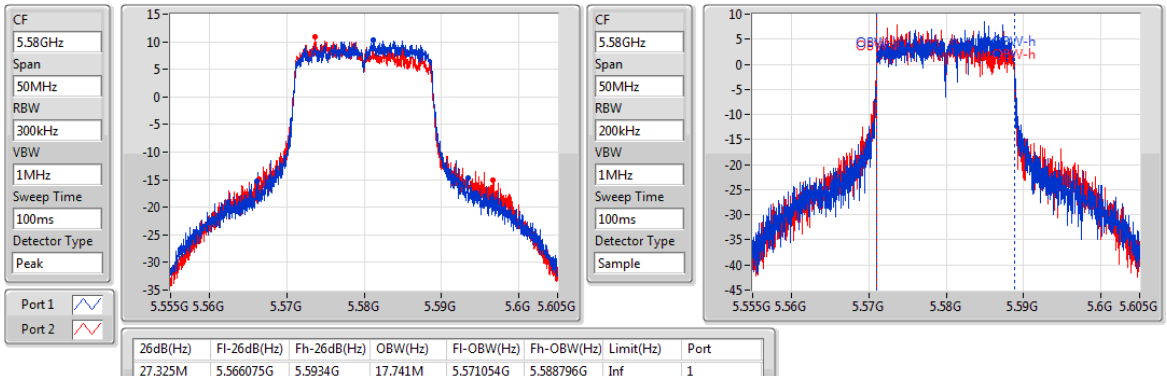
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.925M	5.489275G	5.5102G	17.641M	5.491079G	5.508721G	Inf	1
23.425M	5.48855G	5.511975G	17.691M	5.491079G	5.508771G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

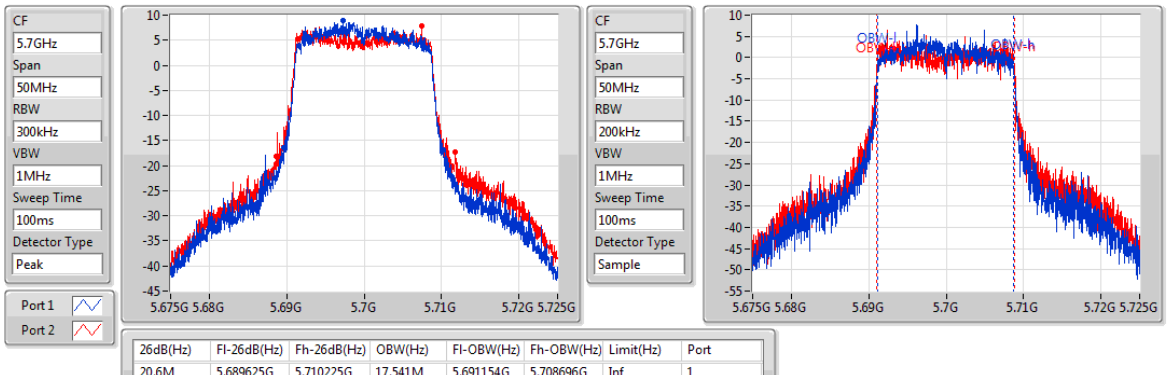
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
27.325M	5.566075G	5.5934G	17.741M	5.571054G	5.588796G	Inf	1
30.2M	5.5664G	5.5966G	17.816M	5.57098G	5.588796G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

5700MHz

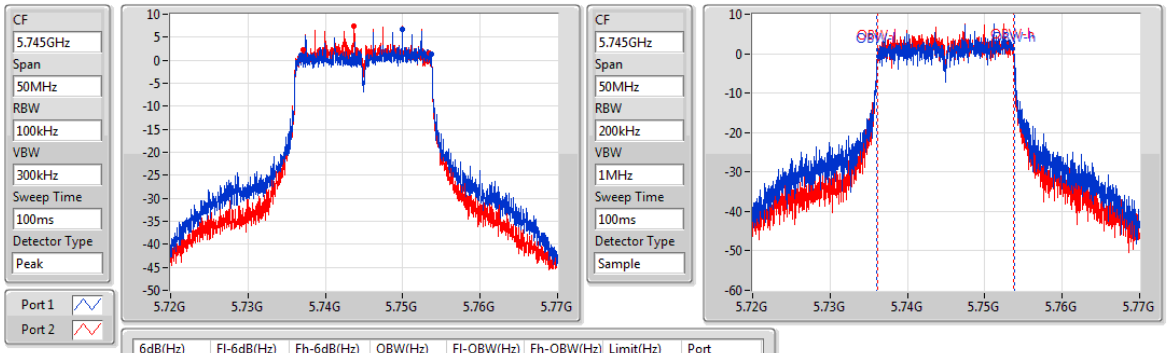


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.6M	5.689625G	5.710225G	17.541M	5.691154G	5.708696G	Inf	1
23.175M	5.68865G	5.711825G	17.791M	5.691029G	5.708821G	Inf	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

5745MHz

23/01/2019

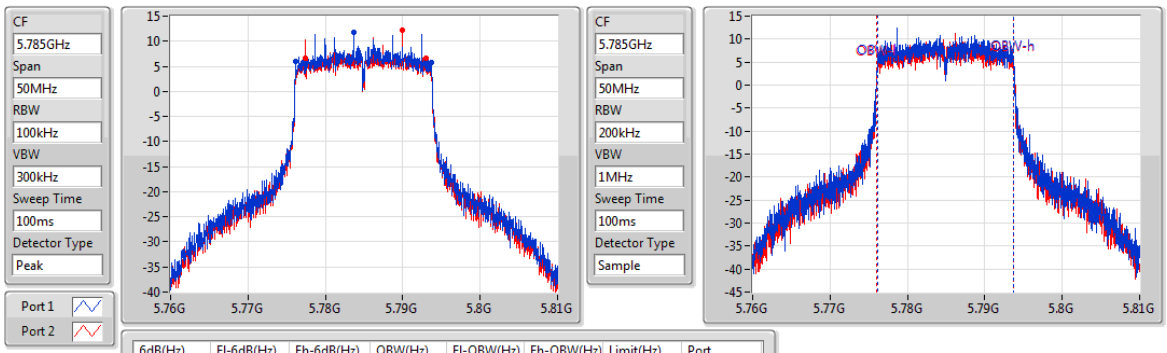


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.85M	5.736875G	5.753725G	17.766M	5.736079G	5.753846G	500k	1
16.275M	5.73715G	5.753425G	17.616M	5.736129G	5.753746G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

5785MHz

30/01/2019

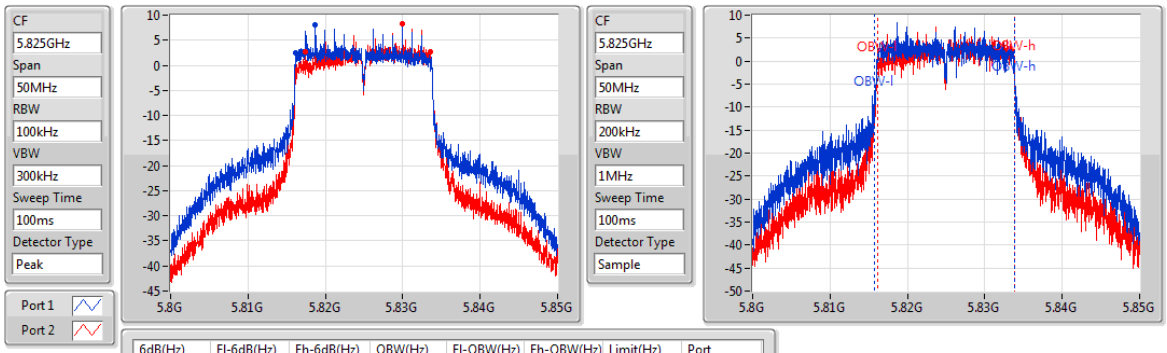


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.5M	5.776175G	5.793675G	17.641M	5.776104G	5.793746G	500k	1
15.675M	5.777375G	5.79305G	17.691M	5.776079G	5.793771G	500k	2

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **EBW**

5825MHz

23/01/2019

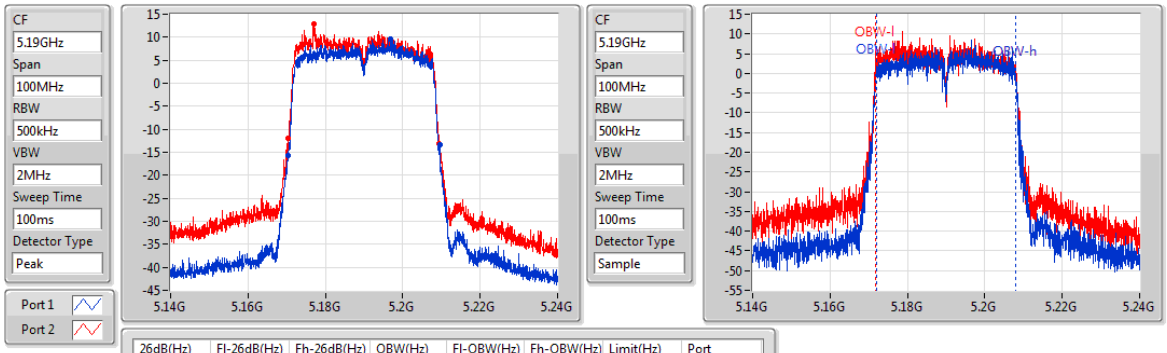


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.4M	5.81615G	5.83255G	18.091M	5.815805G	5.833896G	500k	1
16.175M	5.817375G	5.83355G	17.716M	5.816104G	5.833821G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

5190MHz

23/01/2019

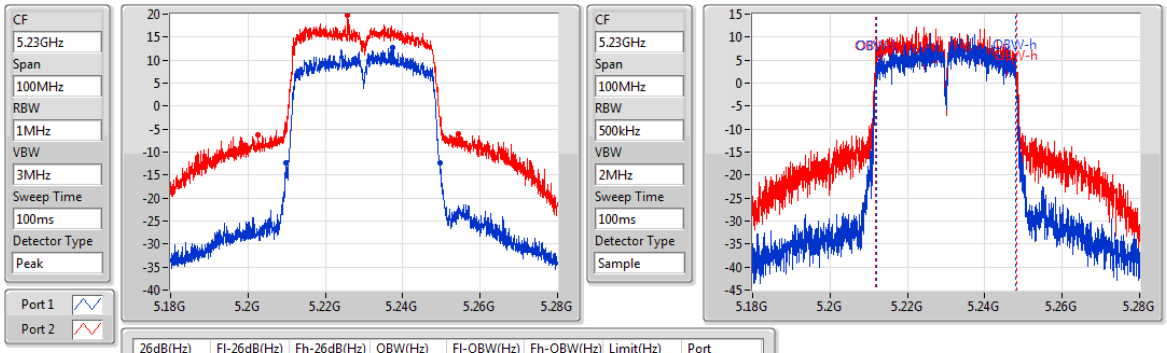


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.35M	5.1703G	5.20965G	35.932M	5.171909G	5.207841G	Inf	1
39.15M	5.17025G	5.2094G	36.082M	5.171759G	5.207841G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

5230MHz

23/01/2019

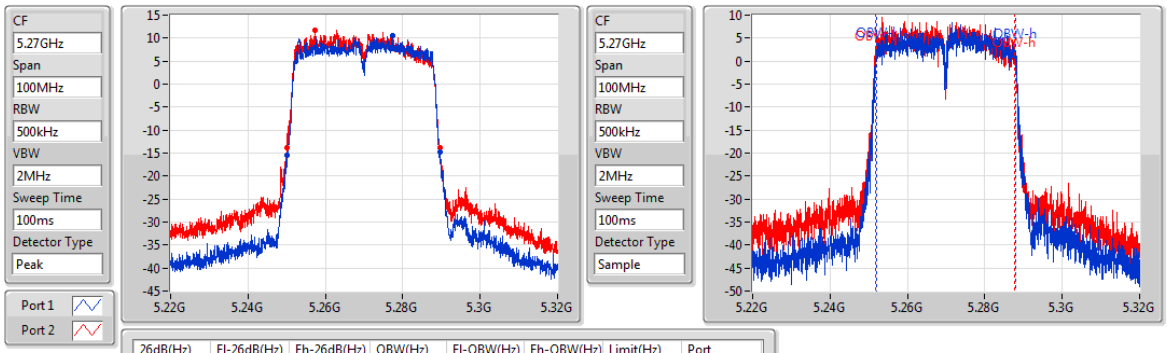


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.20975G	5.24965G	35.982M	5.211909G	5.247891G	Inf	1
51.6M	5.2027G	5.2543G	36.482M	5.211659G	5.248141G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

5270MHz

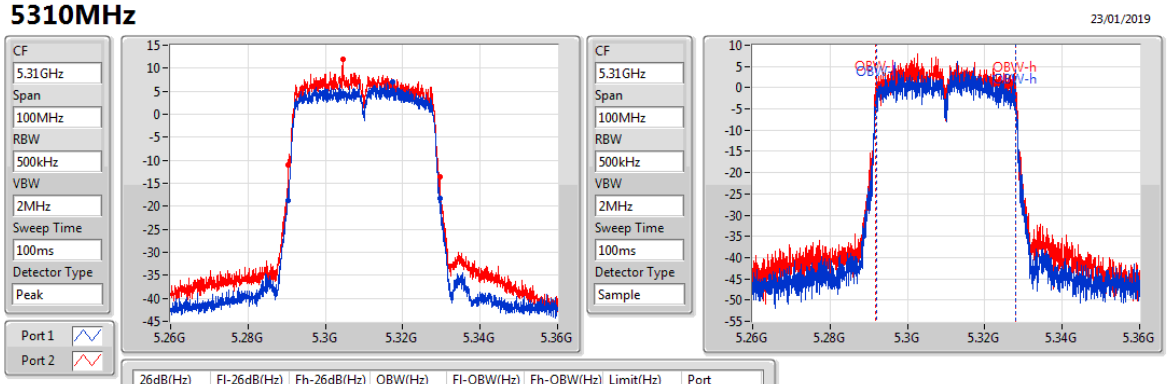
23/01/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.25005G	5.28965G	36.032M	5.251909G	5.287941G	Inf	1
39.45M	5.2501G	5.28955G	35.932M	5.251809G	5.287741G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

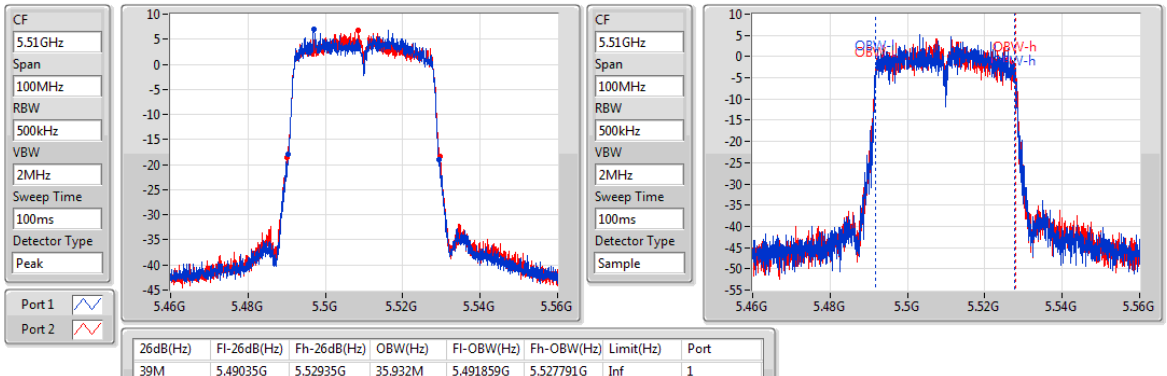
5310MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.4M	5.29025G	5.32965G	35.932M	5.291909G	5.327841G	Inf	1
39.2M	5.2904G	5.3296G	36.082M	5.291859G	5.327941G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

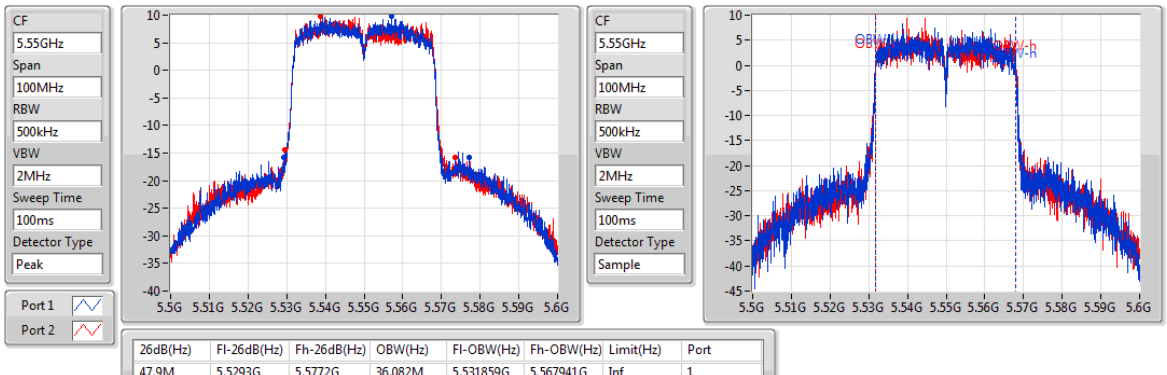
5510MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39M	5.49035G	5.52935G	35.932M	5.491859G	5.527791G	Inf	1
39.6M	5.4901G	5.5297G	36.132M	5.491809G	5.527941G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

5550MHz

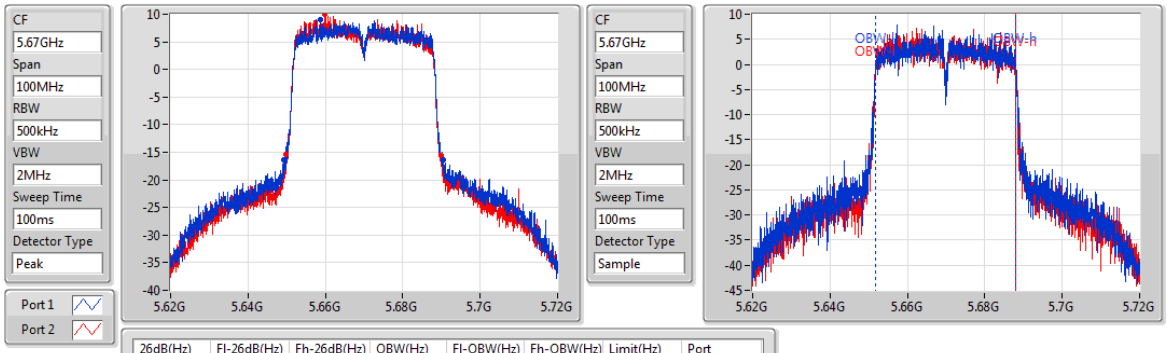


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
47.9M	5.5293G	5.5772G	36.082M	5.531859G	5.567941G	Inf	1
43.85M	5.52965G	5.5735G	36.282M	5.531809G	5.568091G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

5670MHz

23/01/2019

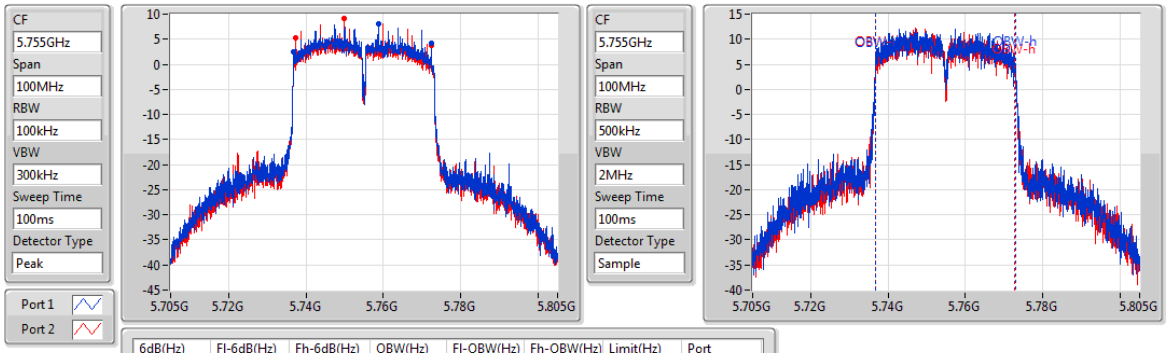


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
41.4M	5.6492G	5.6906G	36.132M	5.651859G	5.687991G	Inf	1
40.1M	5.64985G	5.68995G	36.182M	5.651809G	5.687991G	Inf	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

5755MHz

30/01/2019

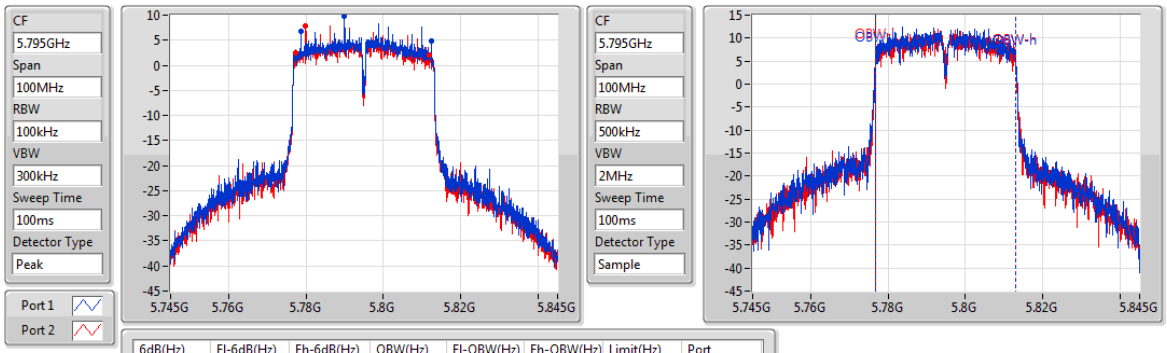


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.65M	5.7368G	5.77245G	36.032M	5.736809G	5.772841G	500k	1
35M	5.73745G	5.77245G	35.982M	5.736809G	5.772791G	500k	2

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **EBW**

5795MHz

30/01/2019

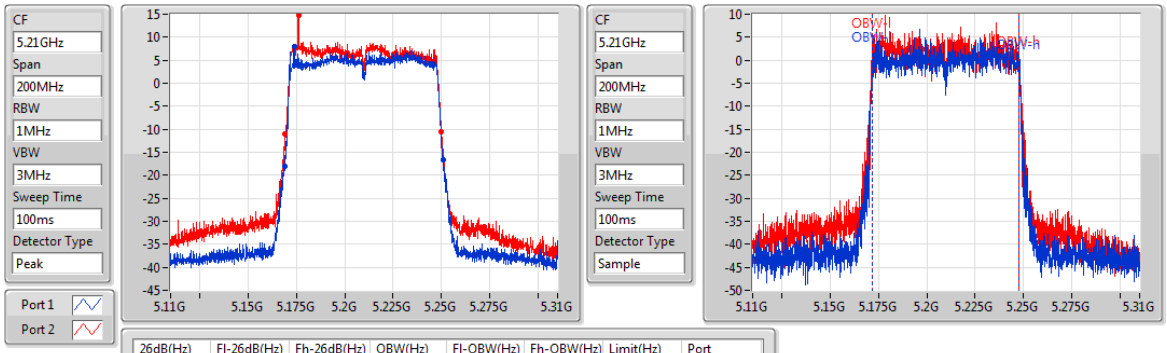


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	5.77865G	5.81245G	36.132M	5.776809G	5.812941G	500k	1
34.65M	5.7772G	5.81185G	36.032M	5.776859G	5.812891G	500k	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX **EBW**

5210MHz

23/01/2019

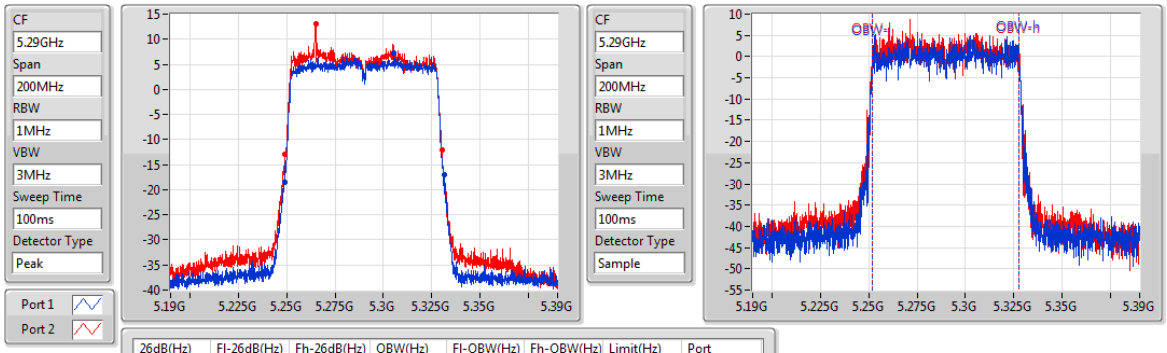


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.1M	5.1688G	5.2509G	75.762M	5.172019G	5.247781G	Inf	1
80.8M	5.169G	5.2498G	75.762M	5.171819G	5.247581G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX **EBW**

5290MHz

23/01/2019

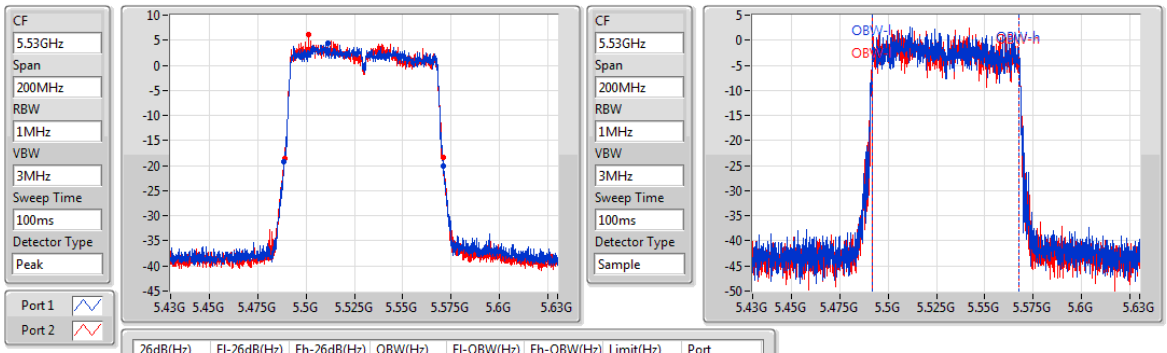


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.2489G	5.3317G	75.662M	5.252019G	5.327681G	Inf	1
80.9M	5.2493G	5.3302G	75.862M	5.251919G	5.327781G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX **EBW**

5530MHz

23/01/2019

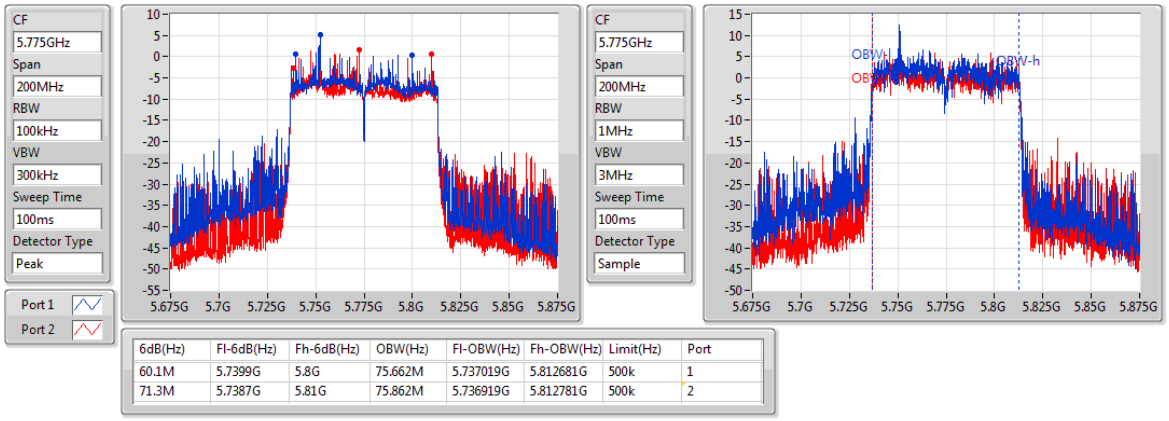


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.8M	5.4884G	5.5712G	75.762M	5.491919G	5.567681G	Inf	1
82M	5.4888G	5.5708G	75.762M	5.491919G	5.567681G	Inf	2

802.11ac VHT80-BF_Nss1,(MCS0)_2TX **EBW**

5775MHz

23/01/2019



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
60.1M	5.7399G	5.8G	75.662M	5.737019G	5.812681G	500k	1
71.3M	5.7387G	5.81G	75.862M	5.736919G	5.812781G	500k	2

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.34	0.10814
802.11ac VHT20_Nss1,(MCS0)_2TX	19.81	0.09572
802.11ac VHT40_Nss1,(MCS0)_2TX	19.31	0.08531
802.11ac VHT80_Nss1,(MCS0)_2TX	15.55	0.03589
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	18.41	0.06934
802.11ac VHT20_Nss1,(MCS0)_2TX	17.82	0.06053
802.11ac VHT40_Nss1,(MCS0)_2TX	17.94	0.06223
802.11ac VHT80_Nss1,(MCS0)_2TX	14.19	0.02624

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.80	16.76	17.84	20.34	23.74
5300MHz	Pass	4.80	16.73	16.98	19.87	23.75
5320MHz	Pass	4.80	16.79	15.84	19.35	23.79
5500MHz	Pass	5.40	15.81	11.29	17.12	23.77
5580MHz	Pass	5.40	17.40	10.98	18.29	23.94
5700MHz	Pass	5.40	17.11	12.54	18.41	23.74
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.80	16.24	17.30	19.81	23.96
5300MHz	Pass	4.80	16.34	16.39	19.38	23.98
5320MHz	Pass	4.80	16.05	15.19	18.65	23.98
5500MHz	Pass	5.40	15.13	10.76	16.48	23.98
5580MHz	Pass	5.40	16.93	10.48	17.82	23.98
5700MHz	Pass	5.40	16.64	11.59	17.82	23.97
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.80	15.93	16.64	19.31	23.98
5310MHz	Pass	4.80	15.89	15.05	18.50	23.98
5510MHz	Pass	5.40	17.00	10.43	17.86	23.98
5550MHz	Pass	5.40	16.33	9.57	17.16	23.98
5670MHz	Pass	5.40	16.72	11.81	17.94	23.98
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.80	12.37	12.70	15.55	23.98
5530MHz	Pass	5.40	13.34	6.69	14.19	23.98

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.88	0.19409	30.20	1.04713
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.29	0.21330	30.61	1.15080
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.89	0.09750	27.21	0.52602
5.25-5.35GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	22.53	0.17906	29.95	0.98855
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.33	0.17100	29.75	0.94406
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.76	0.07516	26.18	0.41495
5.47-5.725GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.49	0.14093	29.65	0.92257
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.25	0.13335	29.41	0.87297
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.59	0.03622	23.75	0.23714
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.38	0.13740	29.08	0.80910
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.66	0.14655	29.36	0.86298
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.89	0.07745	26.59	0.45604

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.32	18.06	20.24	22.30	28.68
5200MHz	Pass	7.32	19.08	20.47	22.84	28.68
5240MHz	Pass	7.32	18.99	20.6	22.88	28.68
5260MHz	Pass	7.42	18.12	19.29	21.75	22.58
5300MHz	Pass	7.42	18.52	20.34	22.53	22.56
5320MHz	Pass	7.42	18.74	20.01	22.43	22.56
5500MHz	Pass	8.16	18.35	18.4	21.39	21.82
5580MHz	Pass	8.16	18.57	18.39	21.49	21.82
5700MHz	Pass	8.16	17.29	16.63	19.98	21.82
5745MHz	Pass	7.70	17.17	17.96	20.59	28.30
5785MHz	Pass	7.70	19.02	17.61	21.38	28.30
5825MHz	Pass	7.70	18.46	17.99	21.24	28.30
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.32	17.76	19.54	21.75	28.68
5230MHz	Pass	7.32	20.06	20.49	23.29	28.68
5270MHz	Pass	7.42	18.81	19.78	22.33	22.56
5310MHz	Pass	7.42	16.35	17.42	19.93	22.56
5510MHz	Pass	8.16	14.5	14.64	17.58	21.82
5550MHz	Pass	8.16	18.24	18.23	21.25	21.82
5670MHz	Pass	8.16	17.76	17.93	20.86	21.82
5755MHz	Pass	7.70	18.69	18.61	21.66	28.30
5795MHz	Pass	7.70	19.02	18.16	21.62	28.30
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.32	15.77	17.77	19.89	28.68
5290MHz	Pass	7.42	15.5	15.99	18.76	22.56
5530MHz	Pass	8.16	12.4	12.76	15.59	21.82
5775MHz	Pass	7.70	16.36	15.35	18.89	28.30

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

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.59
802.11ac VHT20_Nss1,(MCS0)_2TX	6.76
802.11ac VHT40_Nss1,(MCS0)_2TX	3.65
802.11ac VHT80_Nss1,(MCS0)_2TX	-3.64
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	5.87
802.11ac VHT20_Nss1,(MCS0)_2TX	5.04
802.11ac VHT40_Nss1,(MCS0)_2TX	2.13
802.11ac VHT80_Nss1,(MCS0)_2TX	-5.09

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

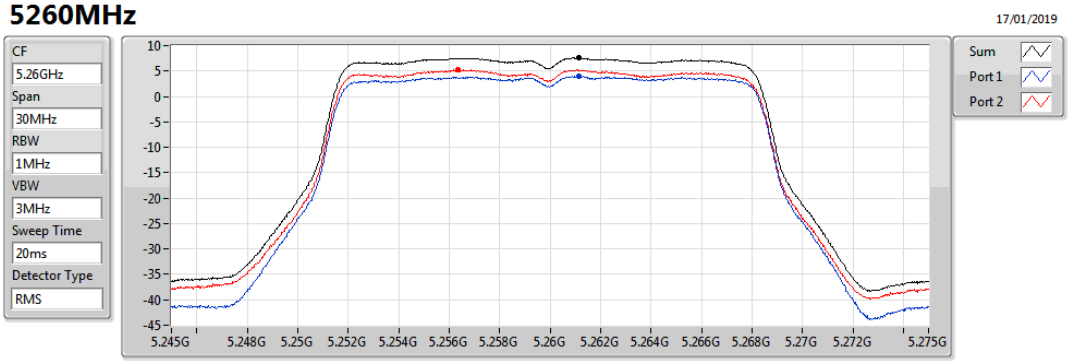
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.42	3.96	5.21	7.59	9.58
5300MHz	Pass	7.42	4.20	4.46	7.26	9.58
5320MHz	Pass	7.42	4.07	3.39	6.68	9.58
5500MHz	Pass	8.16	2.96	-0.86	4.40	8.84
5580MHz	Pass	8.16	4.54	-0.62	5.46	8.84
5700MHz	Pass	8.16	4.43	0.67	5.87	8.84
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	7.42	3.15	4.32	6.76	9.58
5300MHz	Pass	7.42	3.10	3.45	6.23	9.58
5320MHz	Pass	7.42	2.98	2.39	5.66	9.58
5500MHz	Pass	8.16	2.16	-1.76	3.52	8.84
5580MHz	Pass	8.16	3.78	-1.74	4.56	8.84
5700MHz	Pass	8.16	3.52	-0.13	5.04	8.84
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	7.42	0.17	1.14	3.65	9.58
5310MHz	Pass	7.42	-0.03	-0.31	2.84	9.58
5510MHz	Pass	8.16	1.20	-4.30	1.99	8.84
5550MHz	Pass	8.16	0.42	-4.96	1.35	8.84
5670MHz	Pass	8.16	0.87	-3.13	2.13	8.84
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	7.42	-6.76	-6.31	-3.64	9.58
5530MHz	Pass	8.16	-5.77	-11.70	-5.09	8.84

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

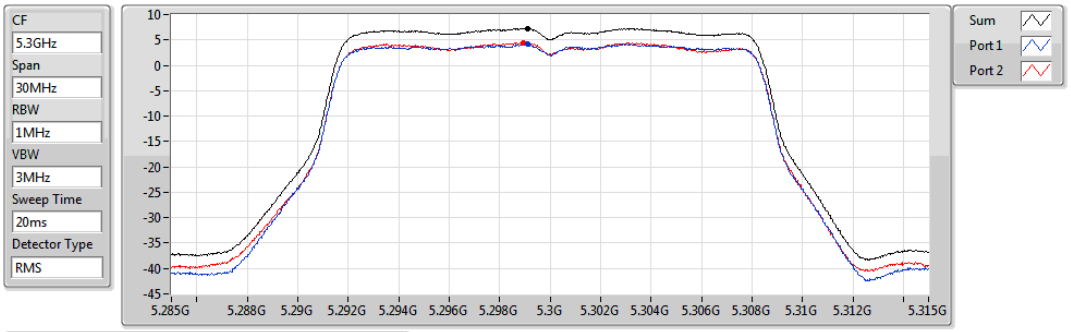
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.59	7.59	3.96	5.21

802.11a_Nss1,(6Mbps)_2TX PSD

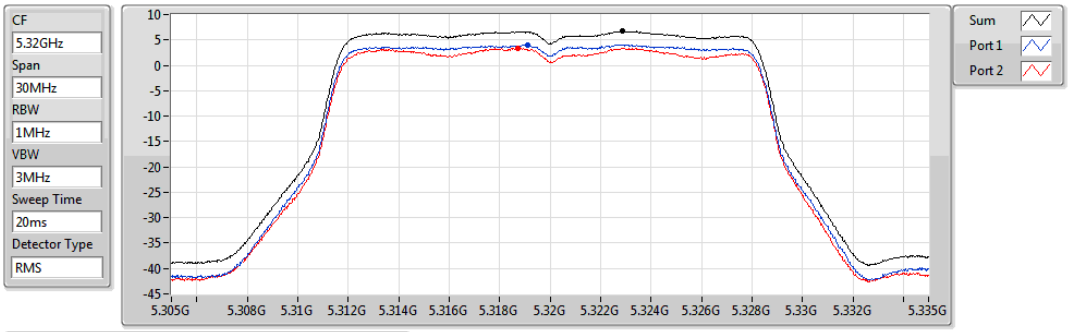
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	4.20	4.46

802.11a_Nss1,(6Mbps)_2TX PSD

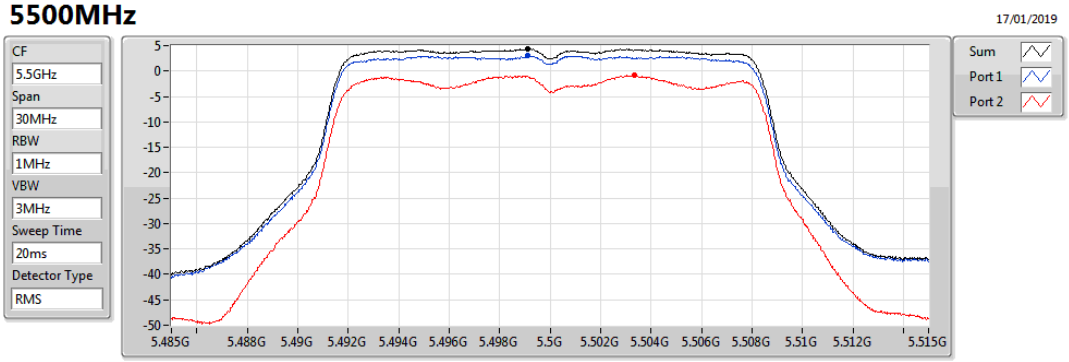
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.68	6.68	4.07	3.39

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

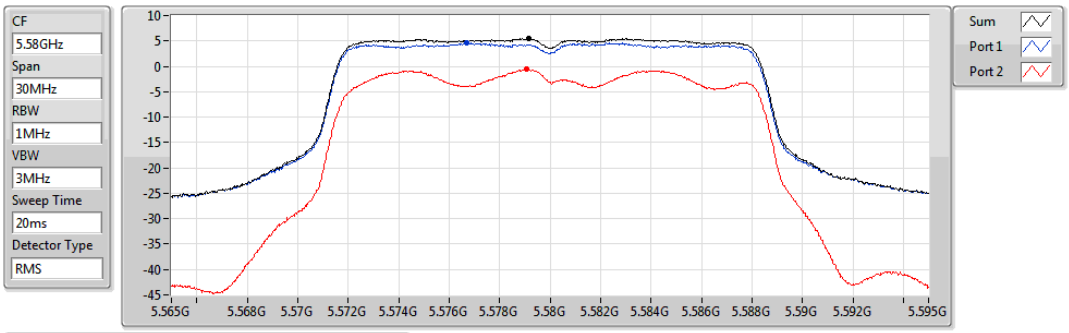
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.40	4.40	2.96	-0.86

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

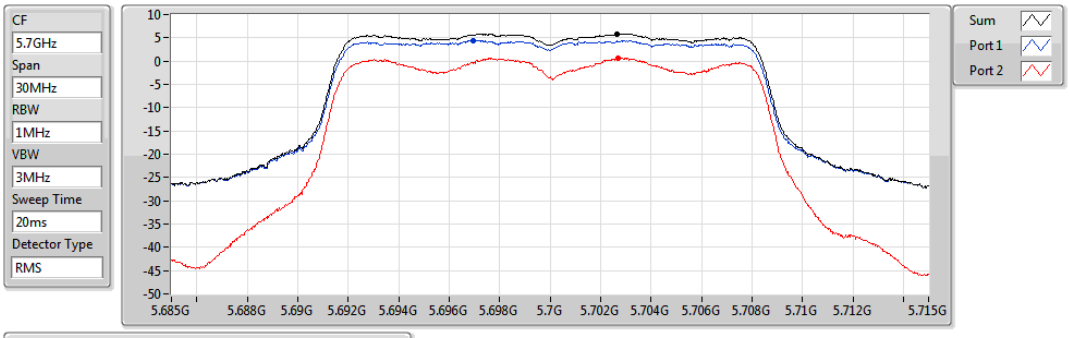
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.46	5.46	4.54	-0.62

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

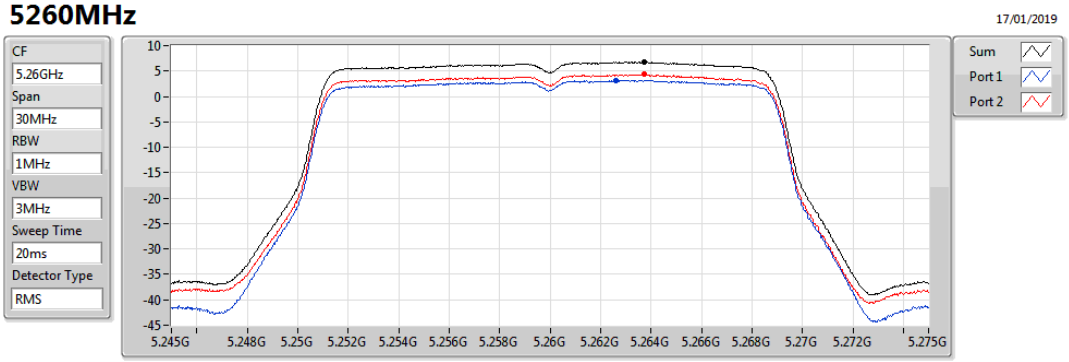
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	4.43	0.67

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

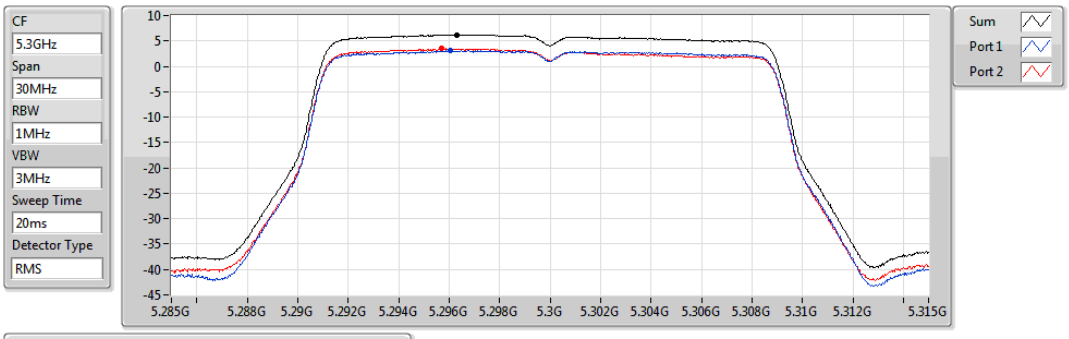
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.76	6.76	3.15	4.32

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

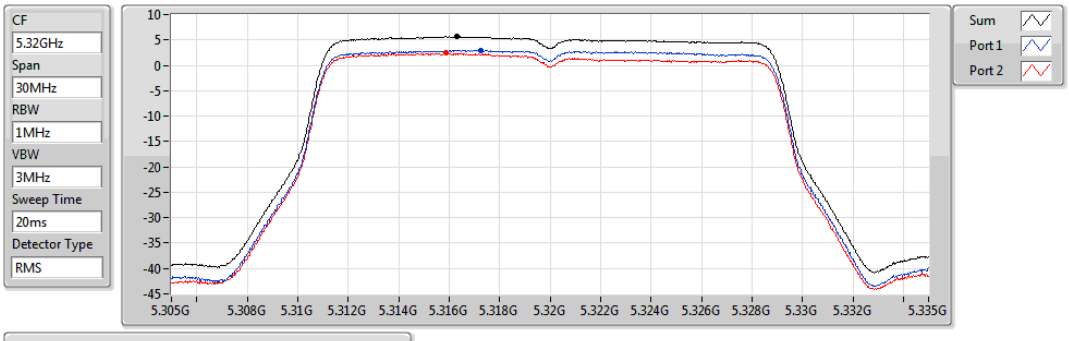
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.23	6.23	3.10	3.45

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

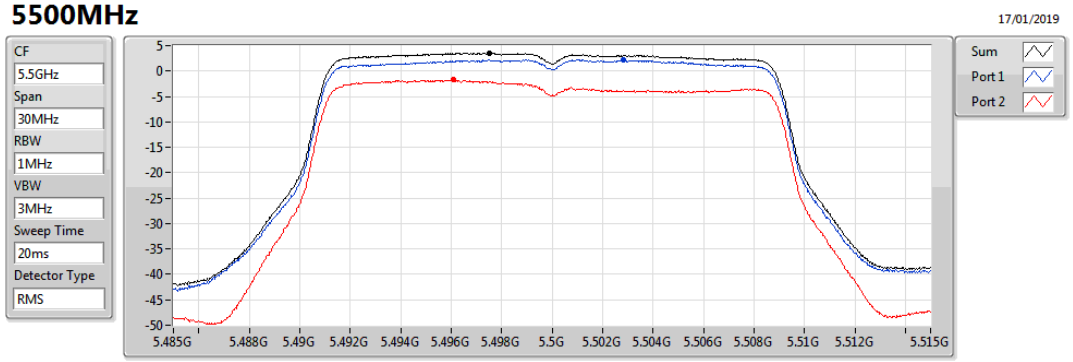
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	2.98	2.39

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

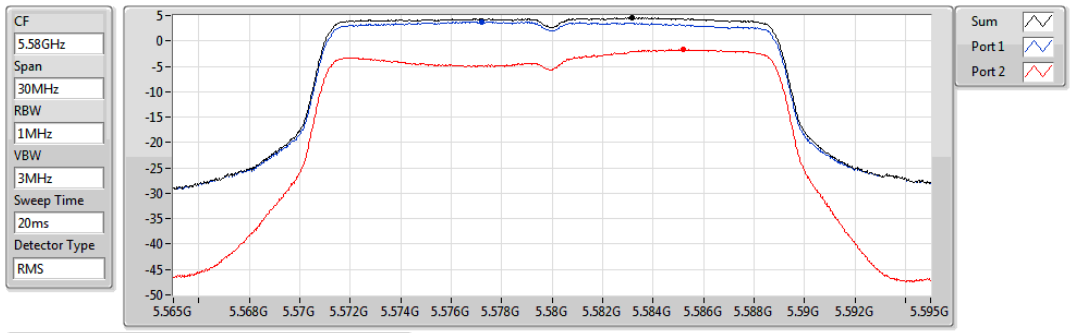
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.52	3.52	2.16	-1.76

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

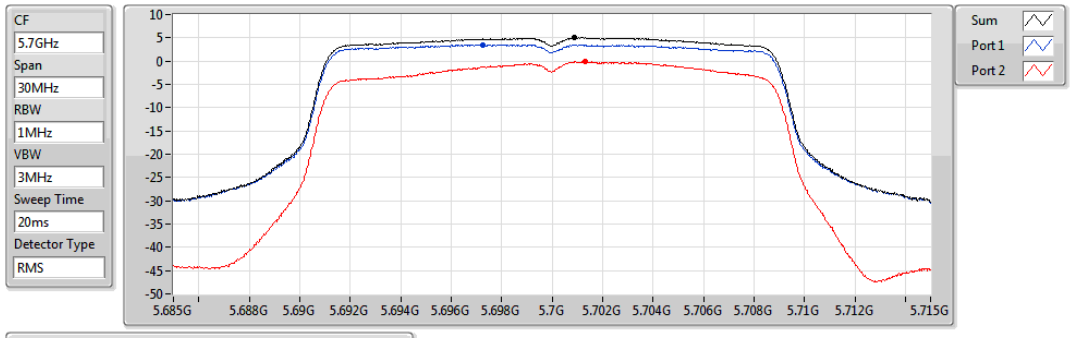
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	3.78	-1.74

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

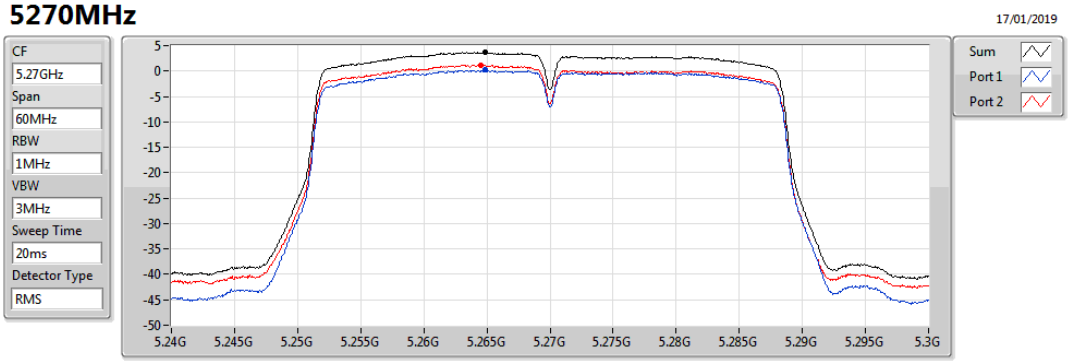
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	3.52	-0.13

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

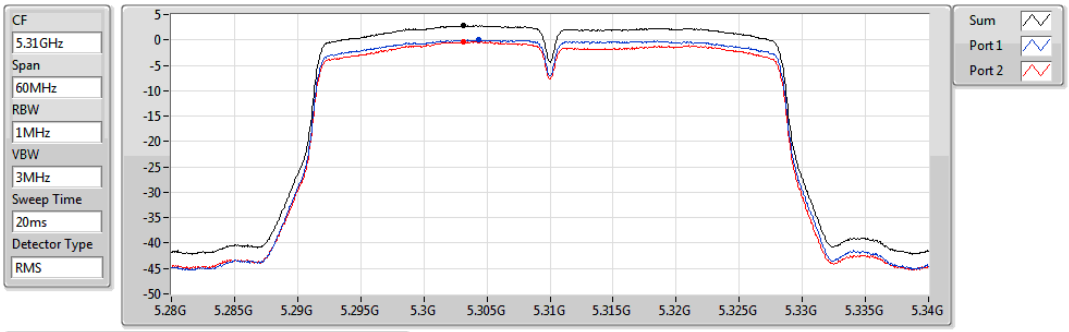
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.65	3.65	0.17	1.14

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

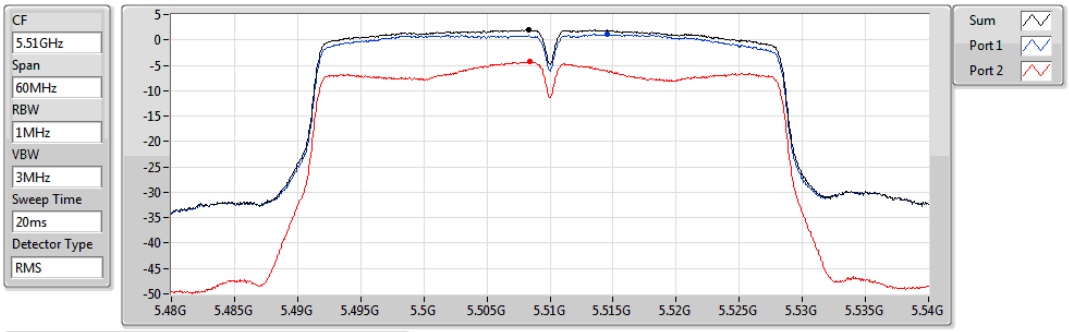
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	-0.03	-0.31

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

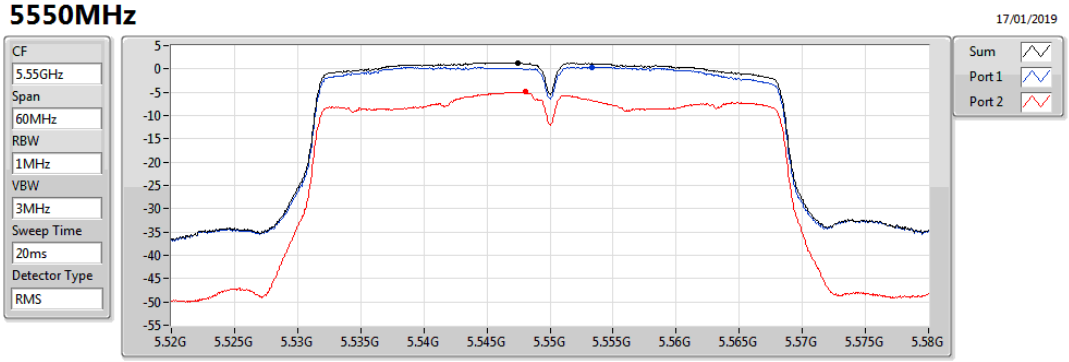
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.99	1.99	1.20	-4.30

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

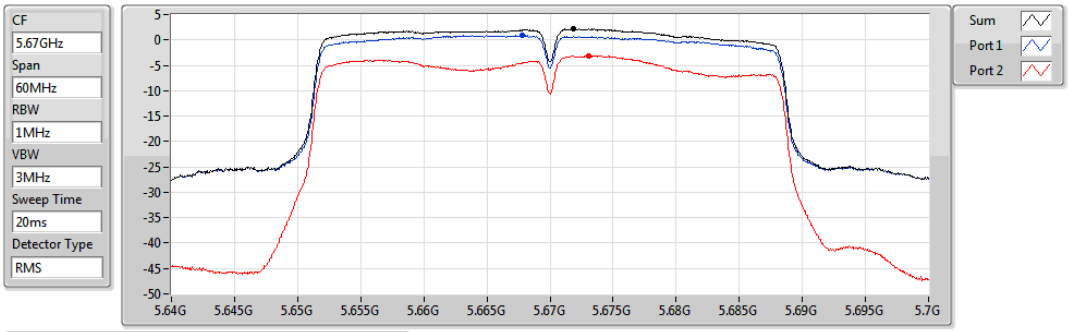
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.35	1.35	0.42	-4.96

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

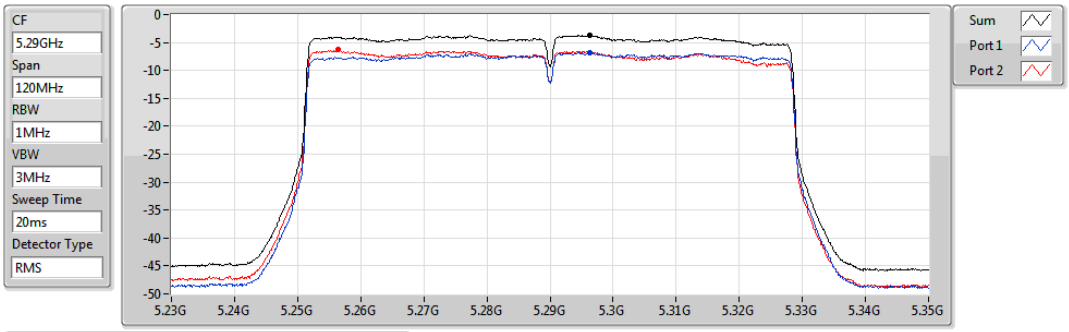
5670MHz



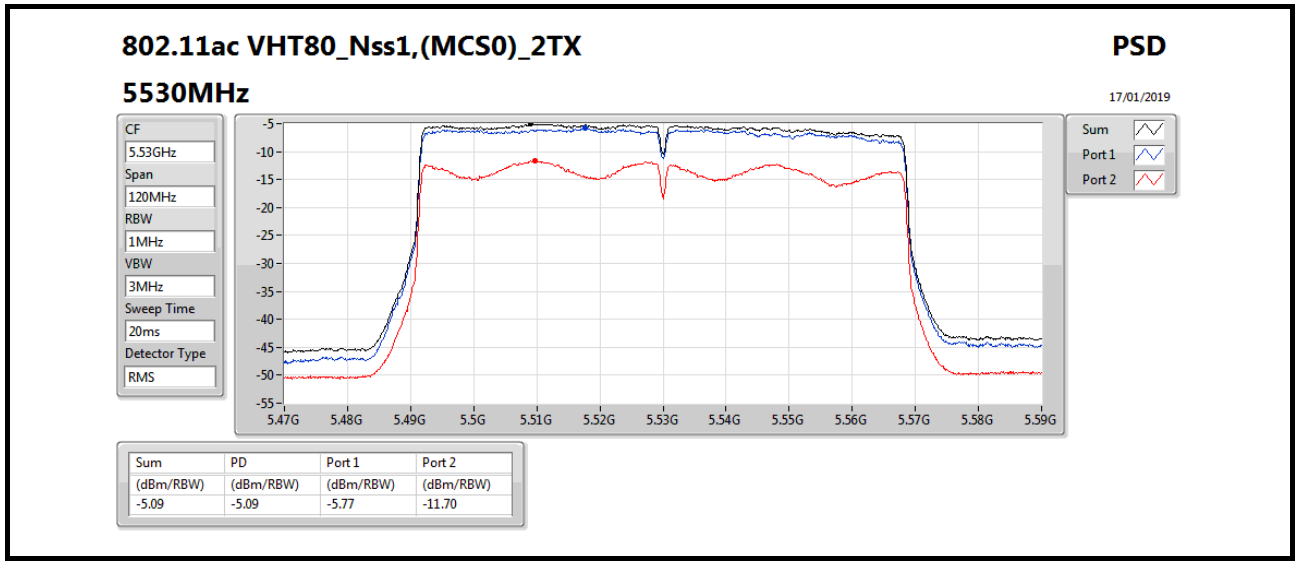
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	0.87	-3.13

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

5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.64	-3.64	-6.76	-6.31


802.11ac VHT80_Nss1,(MCS0)_2TX
PSD
5530MHz
17/01/2019
CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
5.47G
5.48G
5.49G
5.5G
5.51G
5.52G
5.53G
5.54G
5.55G
5.56G
5.57G
5.58G
5.59G
Sum
Port 1
Port 2
Sum PD Port 1 Port 2
(dBm/RBW) (dBm/RBW) (dBm/RBW) (dBm/RBW)
-5.09 -5.09 -5.77 -11.70

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.42
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.29
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.3
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.19
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.18
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.72
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.03
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-3.61
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	6.32
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.34
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-1.86

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

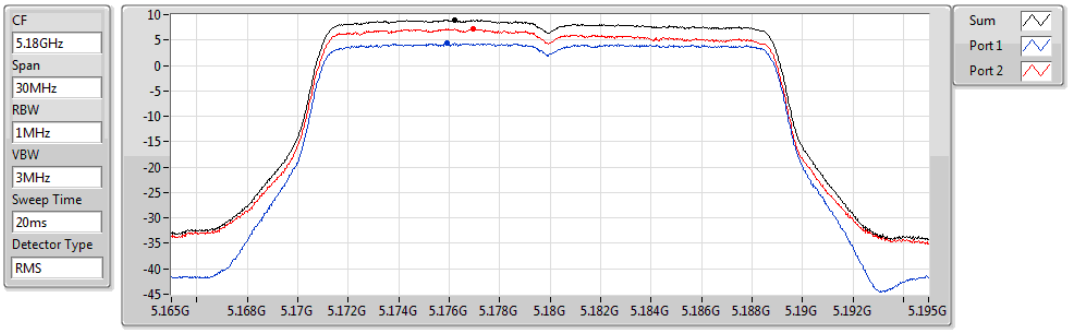
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	7.32	4.32	7.11	8.94	15.68
5200MHz	Pass	7.32	5.68	7.08	9.42	15.68
5240MHz	Pass	7.32	5.65	7.12	9.41	15.68
5260MHz	Pass	7.42	4.68	6.01	8.30	9.58
5300MHz	Pass	7.42	4.98	7.27	9.19	9.58
5320MHz	Pass	7.42	5.71	6.55	9.08	9.58
5500MHz	Pass	8.16	5.31	4.82	8.00	8.84
5580MHz	Pass	8.16	5.06	5.19	7.79	8.84
5700MHz	Pass	8.16	4.79	3.65	6.57	8.84
5745MHz	Pass	7.70	2.59	3.15	5.36	28.30
5785MHz	Pass	7.70	3.65	3.00	6.32	28.30
5825MHz	Pass	7.70	3.57	3.51	6.31	28.30
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	7.32	1.81	3.44	5.38	15.68
5230MHz	Pass	7.32	4.55	6.23	8.29	15.68
5270MHz	Pass	7.42	2.58	3.9	6.18	9.58
5310MHz	Pass	7.42	-0.83	1.27	3.33	9.58
5510MHz	Pass	8.16	-1.37	-0.64	1.63	8.84
5550MHz	Pass	8.16	1.92	2.35	5.03	8.84
5670MHz	Pass	8.16	1.62	2.04	4.44	8.84
5755MHz	Pass	7.70	1.57	0.82	4.12	28.30
5795MHz	Pass	7.70	1.56	1.18	4.34	28.30
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	7.32	-4.02	-1.93	-0.30	15.68
5290MHz	Pass	7.42	-4.39	-2.61	-0.72	9.58
5530MHz	Pass	8.16	-6.47	-6.51	-3.61	8.84
5775MHz	Pass	7.70	-4.41	-4.64	-1.86	28.30

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;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

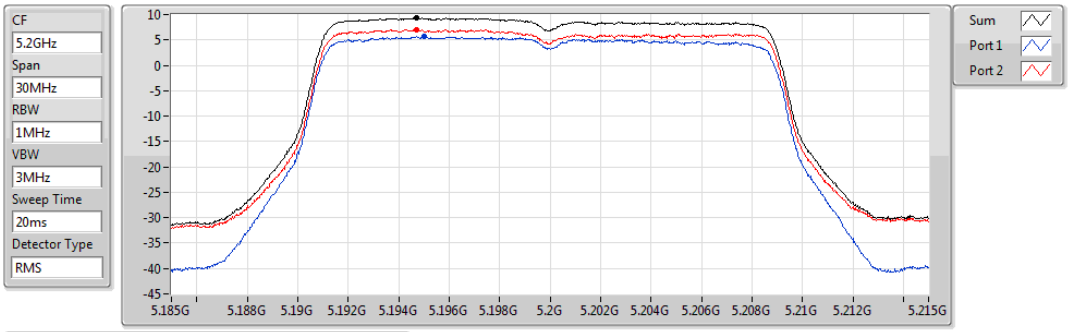
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.94	8.94	4.32	7.11

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

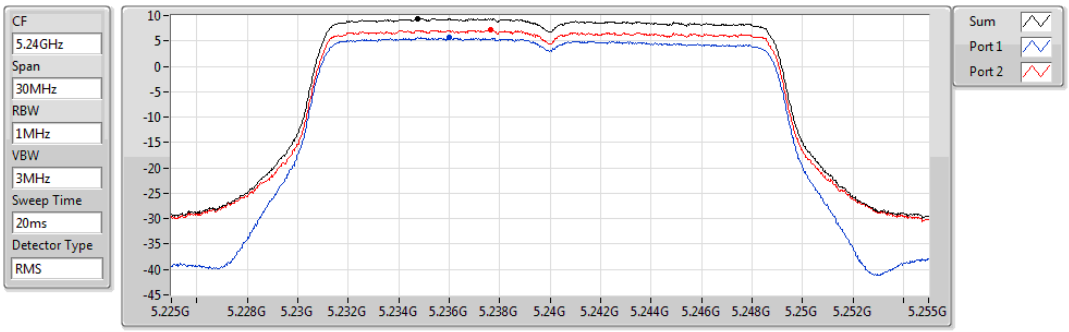
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	5.68	7.08

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

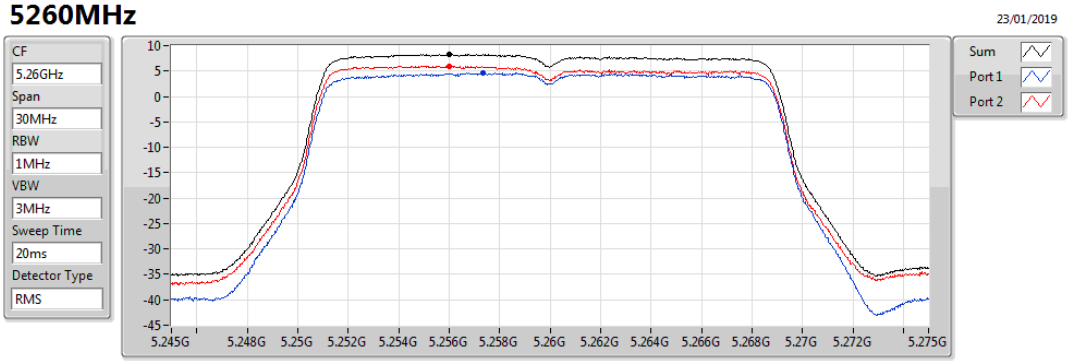
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.41	9.41	5.65	7.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

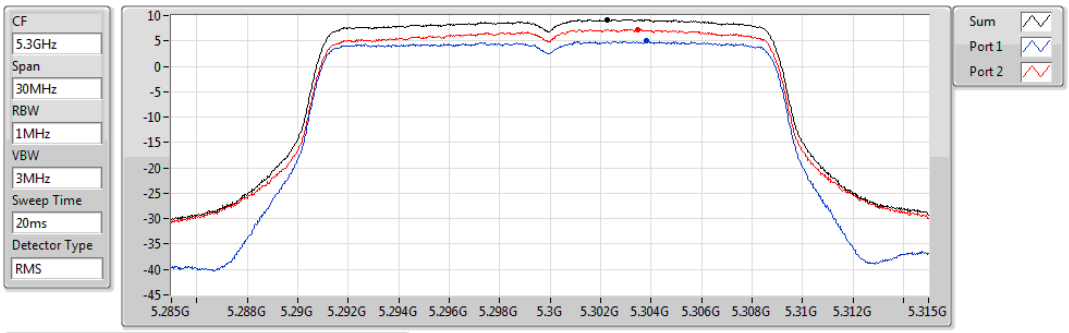
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.30	8.30	4.68	6.01

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

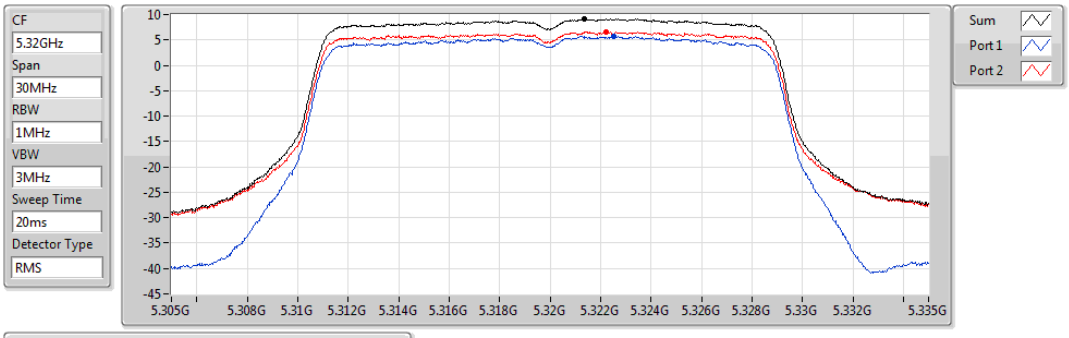
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.19	9.19	4.98	7.27

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

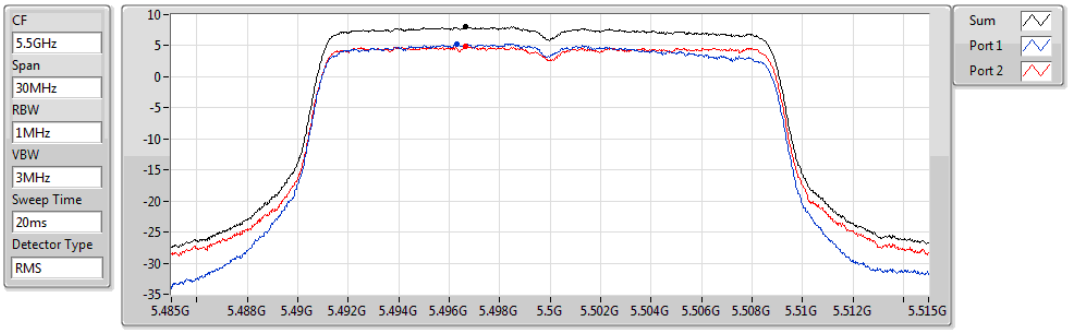
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.08	9.08	5.71	6.55

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

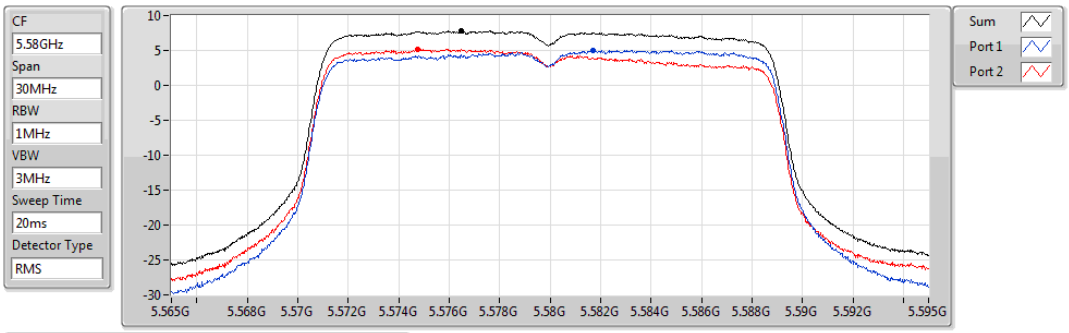
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	5.31	4.82

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

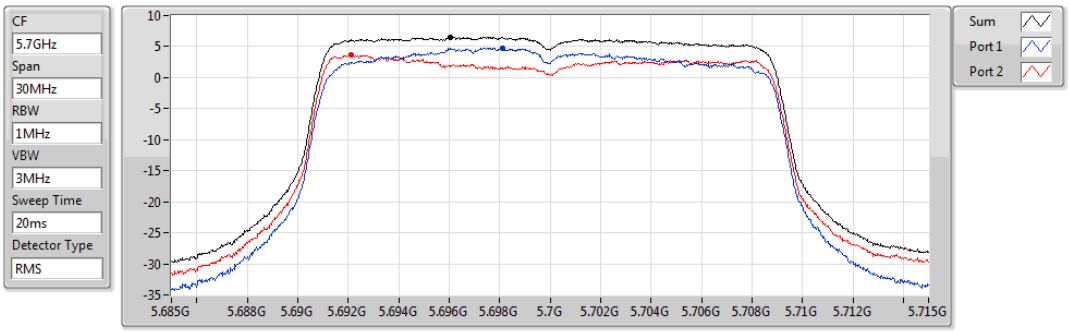
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	5.06	5.19

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

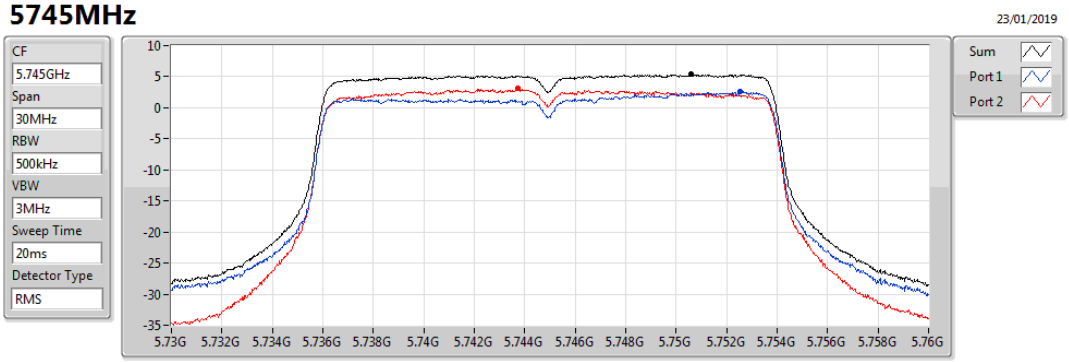
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	4.79	3.65

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

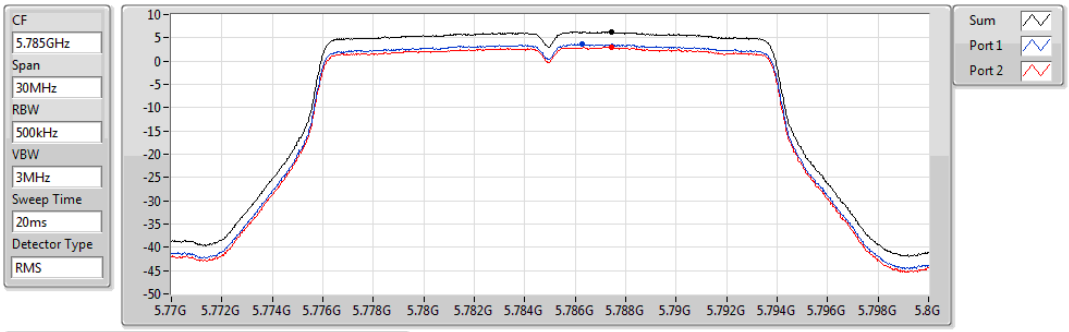
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.36	5.36	2.59	3.15

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

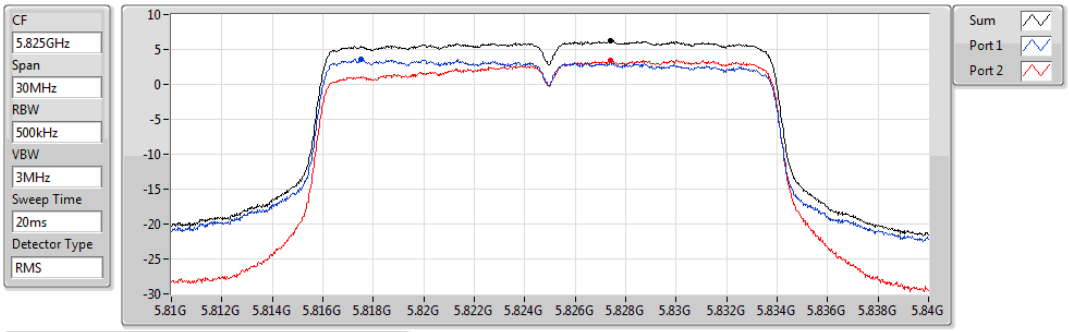
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.32	6.32	3.65	3.00

802.11ac VHT20-BF_Nss1,(MCS0)_2TX **PSD**

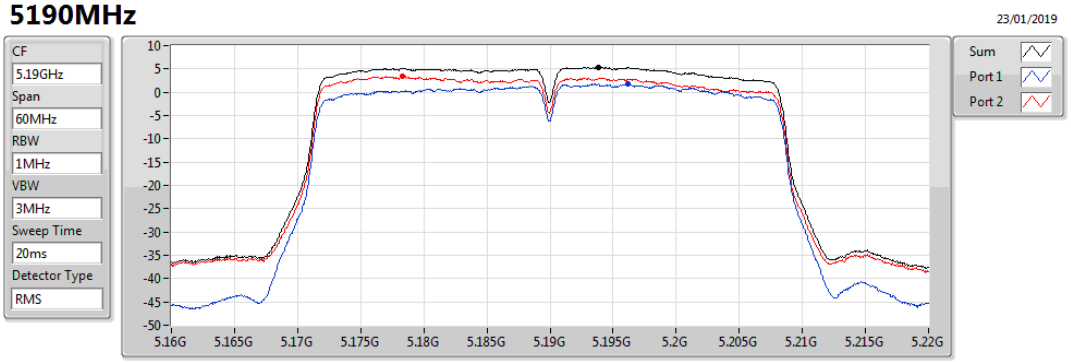
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	3.57	3.51

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

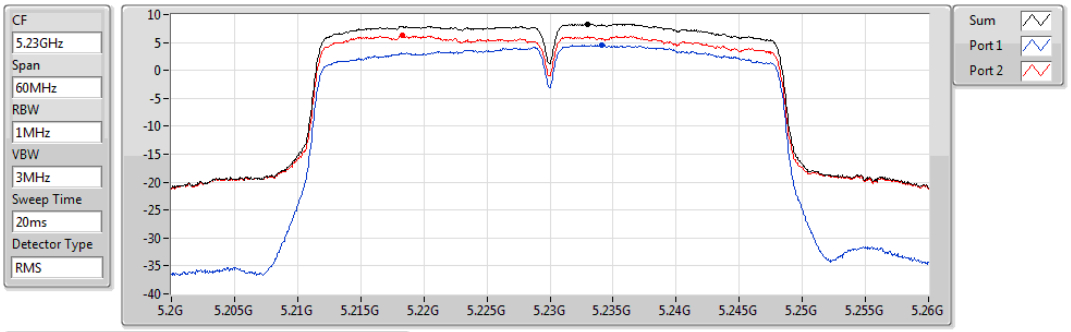
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.38	5.38	1.81	3.44

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

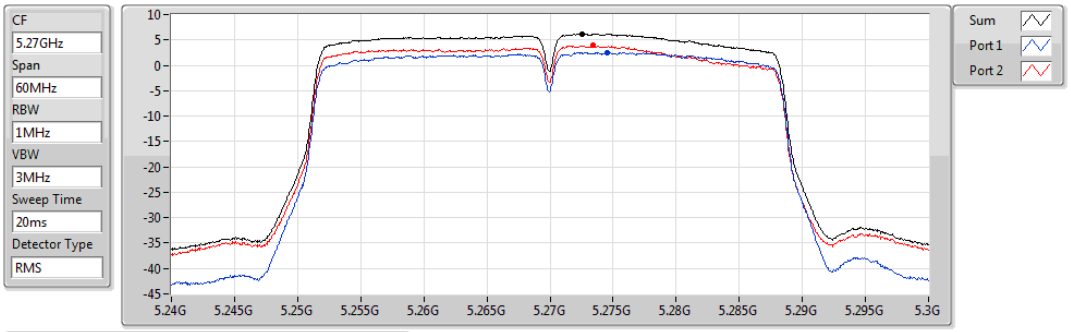
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.29	8.29	4.55	6.23

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

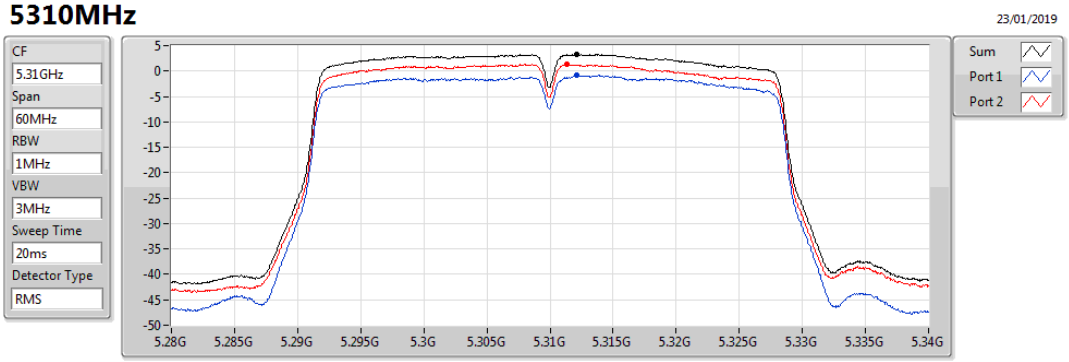
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.18	6.18	2.58	3.90

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

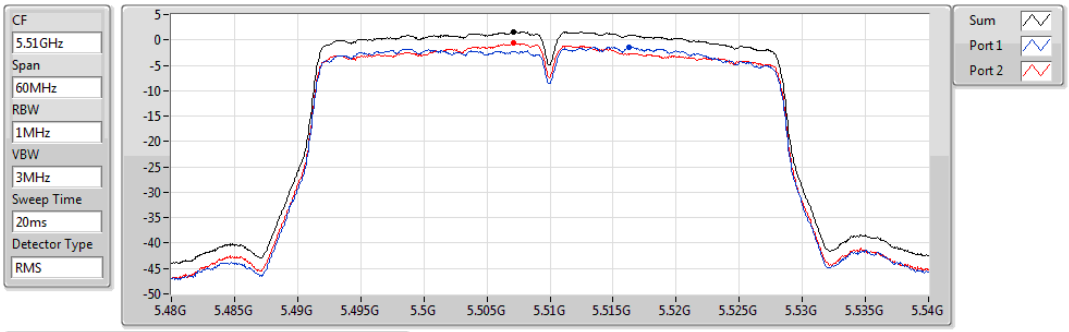
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.33	3.33	-0.83	1.27

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

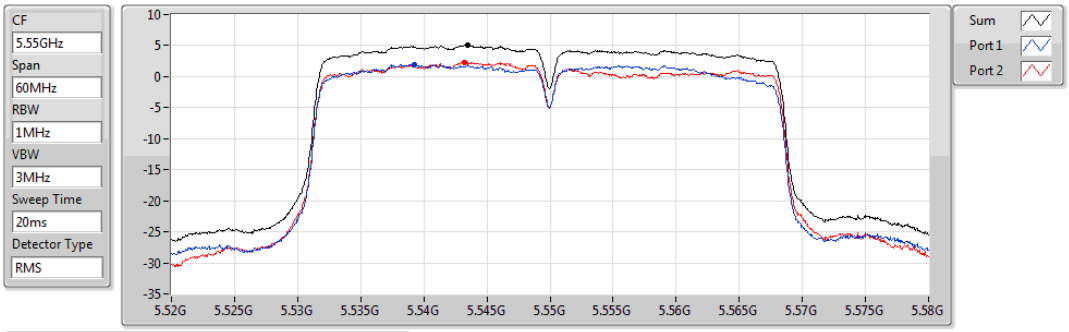
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.63	1.63	-1.37	-0.64

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

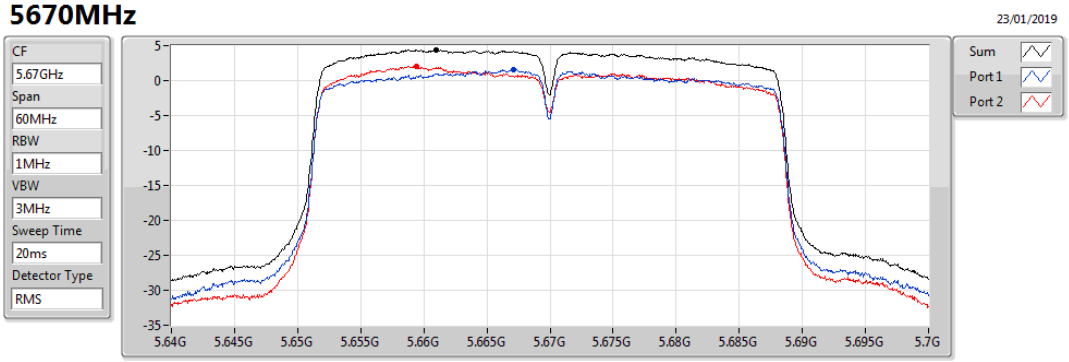
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.03	5.03	1.92	2.35

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

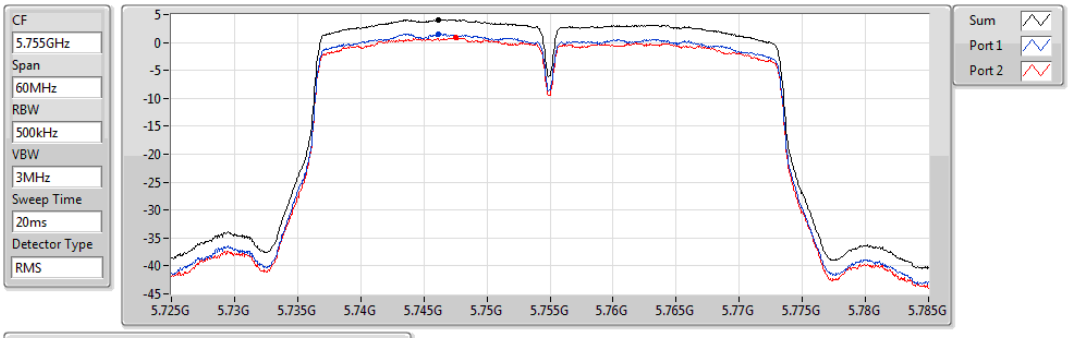
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	1.62	2.04

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

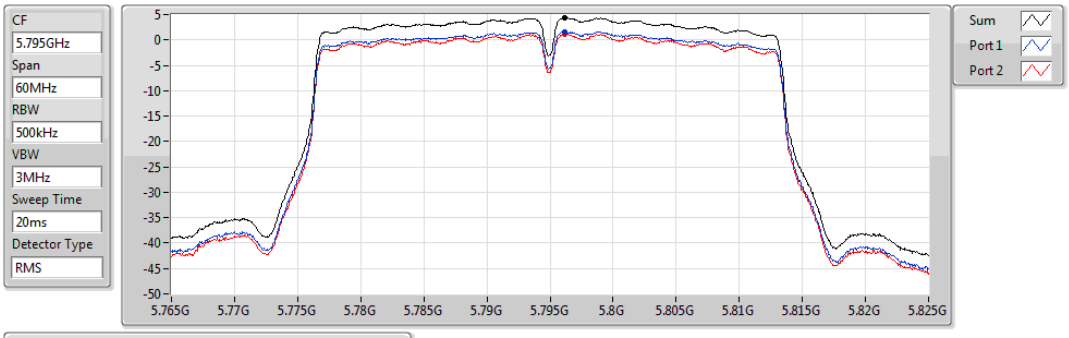
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.12	4.12	1.57	0.82

802.11ac VHT40-BF_Nss1,(MCS0)_2TX **PSD**

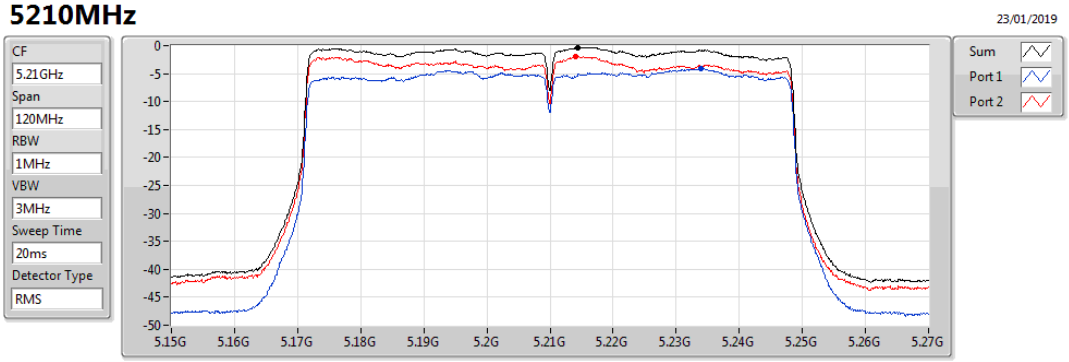
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.34	4.34	1.56	1.18

802.11ac VHT80-BF_Nss1,(MCS0)_2TX **PSD**

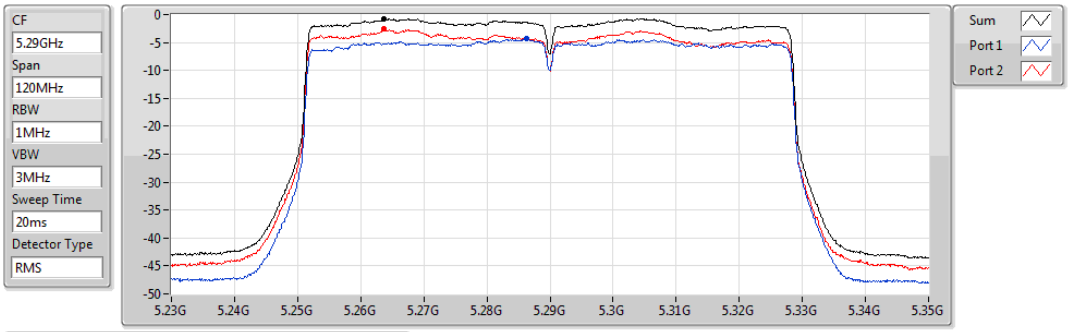
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.30	-0.30	-4.02	-1.93

802.11ac VHT80-BF_Nss1,(MCS0)_2TX **PSD**

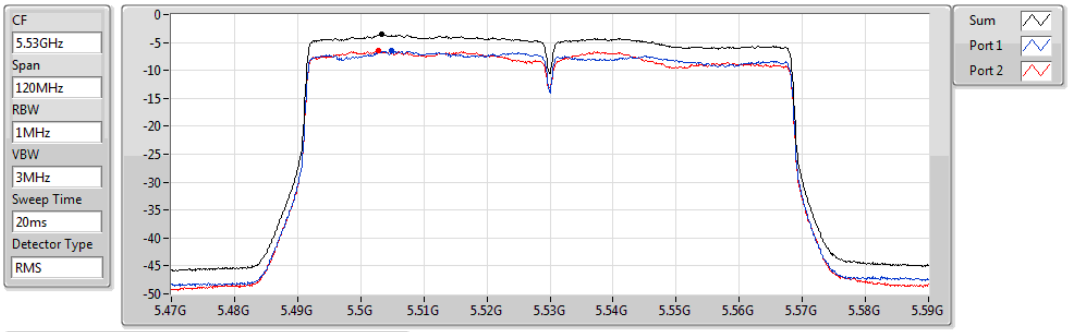
5290MHz



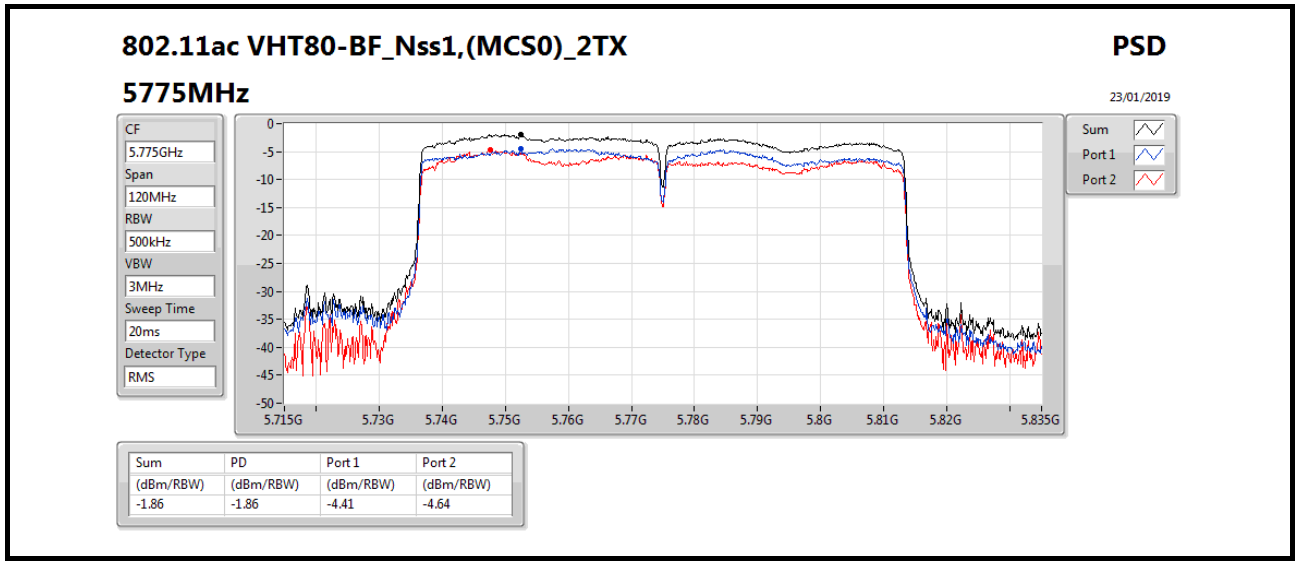
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-4.39	-2.61

802.11ac VHT80-BF_Nss1,(MCS0)_2TX **PSD**

5530MHz

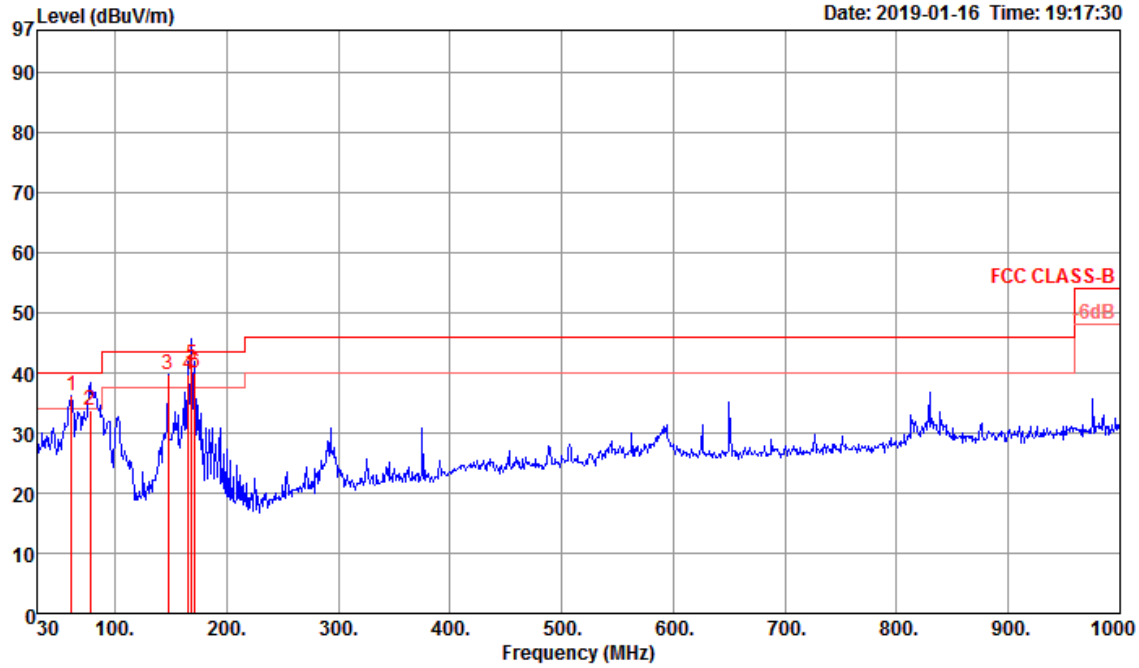


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.61	-3.61	-6.47	-6.51


802.11ac VHT80-BF_Nss1,(MCS0)_2TX
PSD
5775MHz
23/01/2019
CF
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)
-1.86 | -1.86 | -4.41 | -4.64

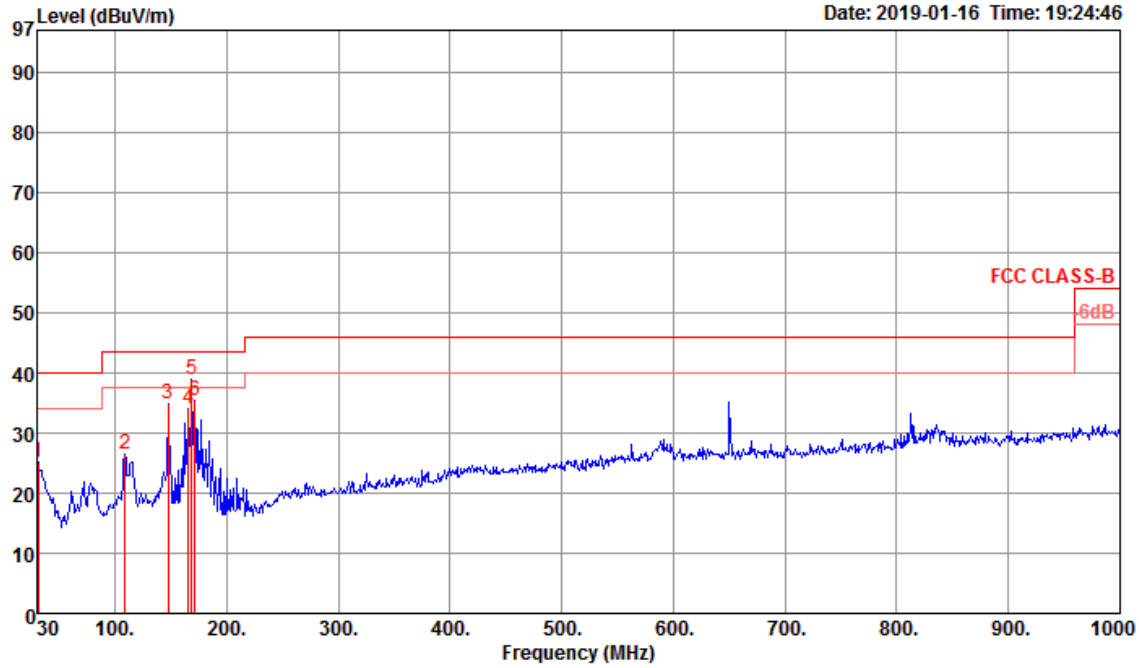
Test Mode	Mode 1	Frequency Range	30 MHz to 1,000 MHz

Vertical 30 MHz to 1,000 MHz



	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	61.04	36.14	40.00	-3.86	54.31	0.99	12.50	31.66	300	0	Peak	VERTICAL
2	77.53	33.68	40.00	-6.32	50.79	1.12	13.47	31.70	100	131	QP	VERTICAL
3	147.37	39.83	43.50	-3.67	52.99	1.50	17.10	31.76	300	0	Peak	VERTICAL
4	165.80	39.77	43.50	-3.73	53.70	1.62	16.20	31.75	100	300	QP	VERTICAL
5	168.71	41.45	43.50	-2.05	55.46	1.64	16.10	31.75	100	308	QP	VERTICAL
6	171.62	40.09	43.50	-3.41	54.20	1.64	16.00	31.75	100	301	QP	VERTICAL

Horizontal 30 MHz to 1,000 MHz



	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	30.97	25.02	40.00	-14.98	30.18	0.76	25.40	31.32	100	360	Peak	HORIZONTAL
2	108.57	26.51	43.50	-16.99	38.61	1.29	18.33	31.72	100	360	Peak	HORIZONTAL
3	147.37	34.83	43.50	-8.67	47.99	1.50	17.10	31.76	100	360	Peak	HORIZONTAL
4	165.80	34.06	43.50	-9.44	47.99	1.62	16.20	31.75	100	360	Peak	HORIZONTAL
5	168.71	38.92	43.50	-4.58	52.93	1.64	16.10	31.75	100	360	Peak	HORIZONTAL
6	171.62	35.32	43.50	-8.18	49.43	1.64	16.00	31.75	100	360	Peak	HORIZONTAL

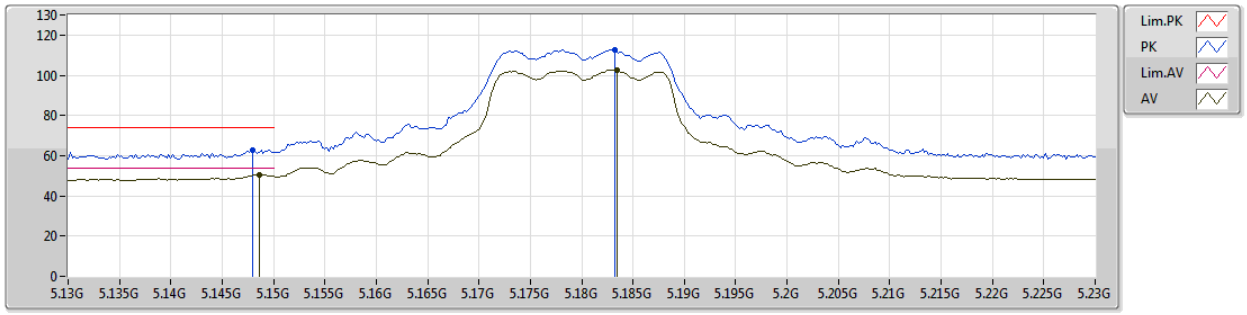
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	Pass	AV	5.15G	53.14	54.00	-0.86	7.85	3	Horizontal	25	2.24	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

08/01/2019



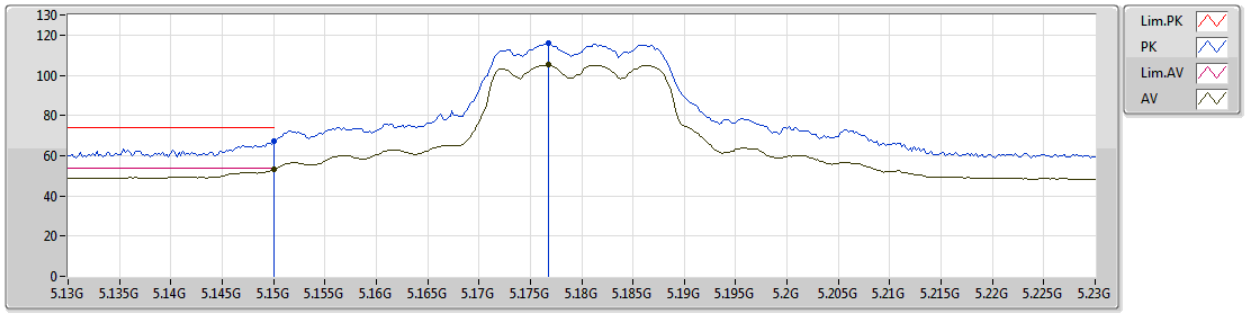
EUT Y_2TX
Setting 24
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.148G	63.03	74.00	-10.97	7.85	3	Vertical	60	1.50	-
AV	5.1486G	50.52	54.00	-3.48	7.85	3	Vertical	60	1.50	-
PK	5.1832G	112.55	Inf	-Inf	7.90	3	Vertical	60	1.50	-
AV	5.1834G	102.61	Inf	-Inf	7.91	3	Vertical	60	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

08/01/2019



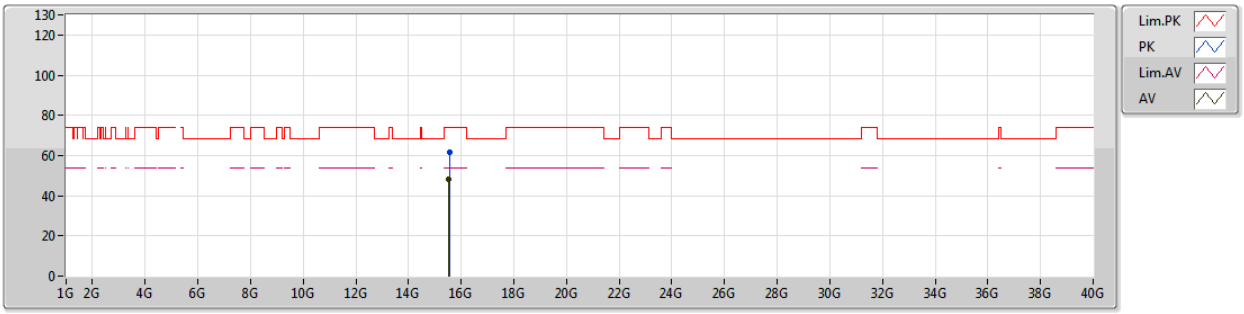
EUT Y_2TX
Setting 24
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.15G	67.23	74.00	-6.77	7.85	3	Horizontal	25	2.24	-
AV	5.15G	53.14	54.00	-0.86	7.85	3	Horizontal	25	2.24	-
PK	5.1768G	116.02	Inf	-Inf	7.90	3	Horizontal	25	2.24	-
AV	5.1768G	105.08	Inf	-Inf	7.90	3	Horizontal	25	2.24	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

08/01/2019



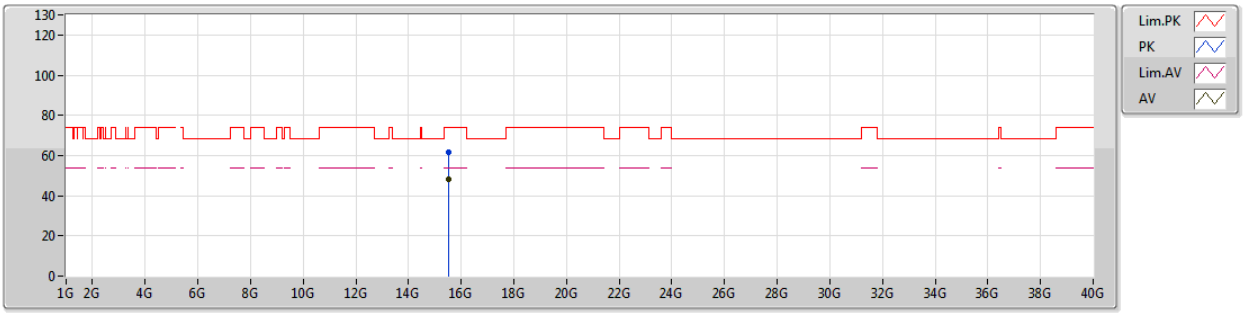
EUT Y_2TX
Setting 24
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	15.55272G	61.63	74.00	-12.37	16.00	3	Vertical	218	2.94	-
AV	15.53052G	48.45	54.00	-5.55	16.02	3	Vertical	218	2.94	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

08/01/2019



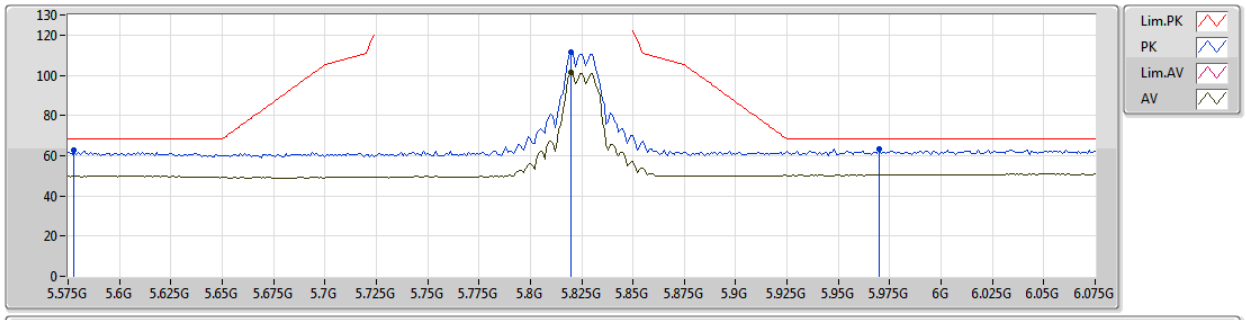
EUT Y_2TX
Setting 24
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	15.52542G	61.57	74.00	-12.43	16.02	3	Horizontal	334	1.50	-
AV	15.54156G	48.41	54.00	-5.59	16.02	3	Horizontal	334	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

08/01/2019



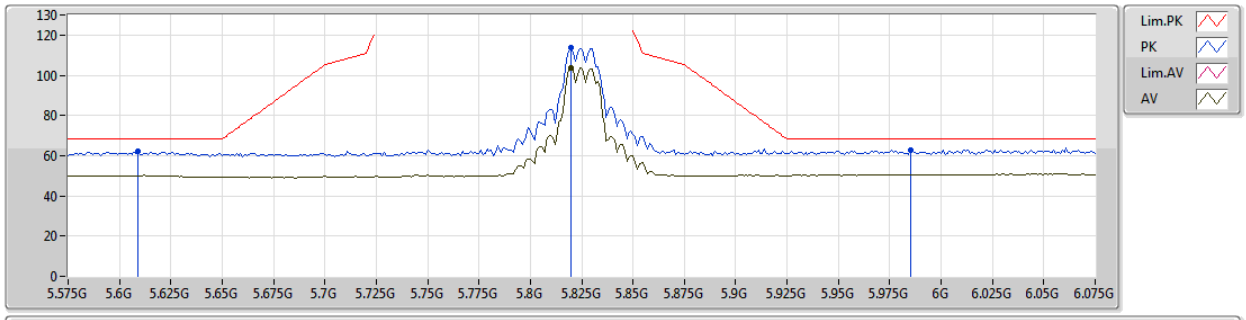
EUT Y_2TX
Setting 24
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.578G	62.64	68.20	-5.56	9.29	3	Vertical	22	1.01	-
PK	5.82G	111.42	Inf	-Inf	9.54	3	Vertical	22	1.01	-
AV	5.82G	101.70	Inf	-Inf	9.54	3	Vertical	22	1.01	-
PK	5.97G	63.18	68.20	-5.02	10.48	3	Vertical	22	1.01	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

08/01/2019



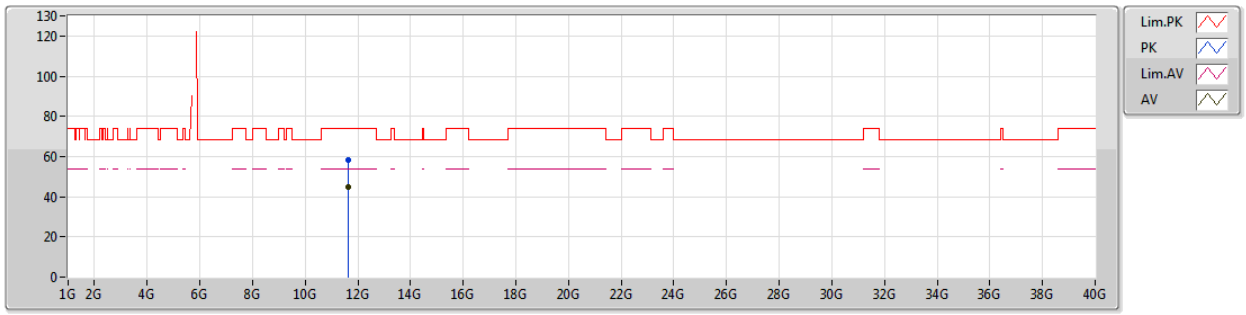
EUT Y_2TX
Setting 24
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.609G	61.93	68.20	-6.27	9.32	3	Horizontal	321	2.10	-
PK	5.82G	113.86	Inf	-Inf	9.54	3	Horizontal	321	2.10	-
AV	5.82G	103.86	Inf	-Inf	9.54	3	Horizontal	321	2.10	-
PK	5.985G	63.03	68.20	-5.17	10.58	3	Horizontal	321	2.10	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

08/01/2019



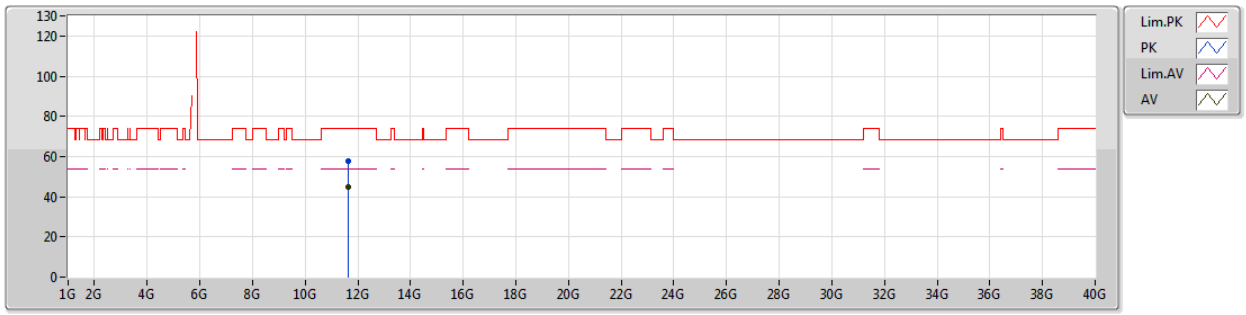
EUT Y_2TX
Setting 24
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	11.65032G	58.20	74.00	-15.80	15.17	3	Vertical	334	1.83	-
AV	11.6498G	44.91	54.00	-9.09	15.17	3	Vertical	334	1.83	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

08/01/2019



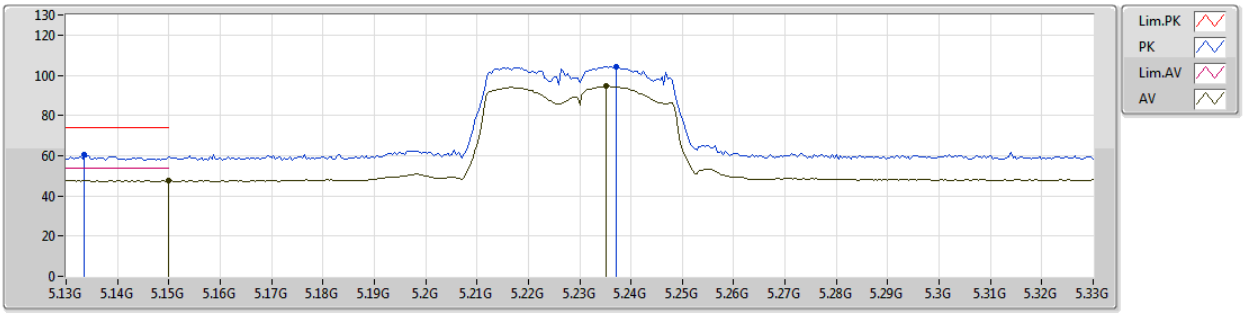
EUT Y_2TX
Setting 24
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	11.65196G	57.67	74.00	-16.33	15.17	3	Horizontal	206	1.52	-
AV	11.65248G	44.88	54.00	-9.12	15.17	3	Horizontal	206	1.52	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

08/01/2019



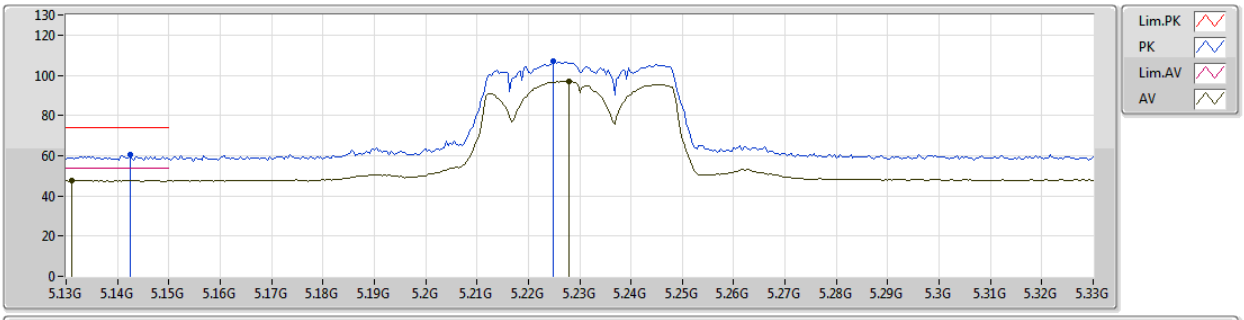
EUT Y_2TX
Setting 23
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.1336G	60.36	74.00	-13.64	7.83	3	Vertical	16	2.16	-
AV	5.15G	47.59	54.00	-6.41	7.85	3	Vertical	16	2.16	-
PK	5.2372G	104.19	Inf	-Inf	8.07	3	Vertical	16	2.16	-
AV	5.2352G	94.58	Inf	-Inf	8.07	3	Vertical	16	2.16	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

08/01/2019



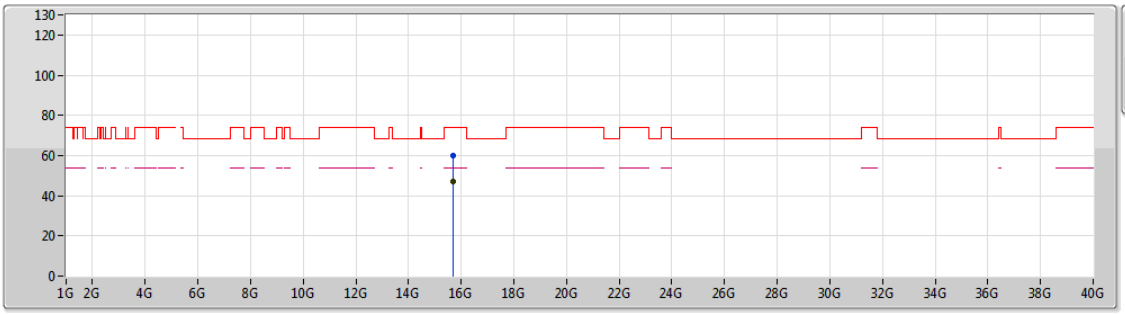
EUT Y_2TX
Setting 23
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.1424G	60.34	74.00	-13.66	7.84	3	Horizontal	336	2.20	-
AV	5.1312G	47.70	54.00	-6.30	7.83	3	Horizontal	336	2.20	-
PK	5.2248G	106.82	Inf	-Inf	8.02	3	Horizontal	336	2.20	-
AV	5.228G	96.89	Inf	-Inf	8.05	3	Horizontal	336	2.20	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

08/01/2019



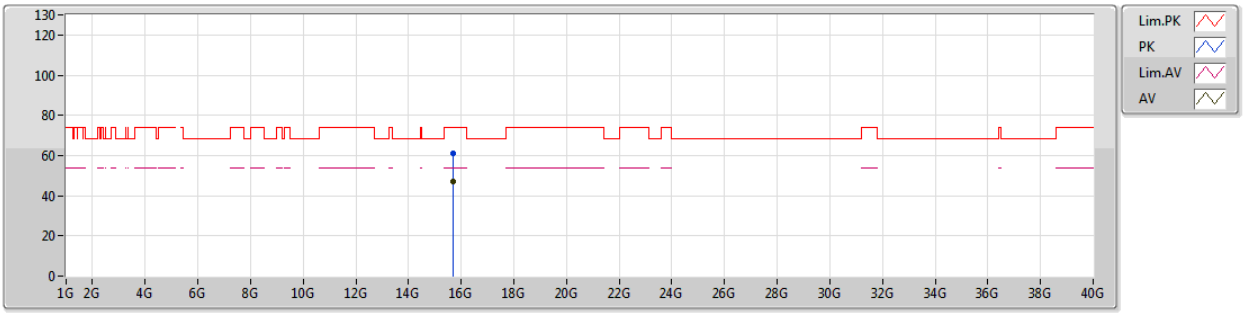
EUT Y_2TX
Setting 23
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	15.68352G	59.97	74.00	-14.03	15.93	3	Vertical	136	1.72	-
AV	15.68304G	46.90	54.00	-7.10	15.93	3	Vertical	136	1.72	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

08/01/2019



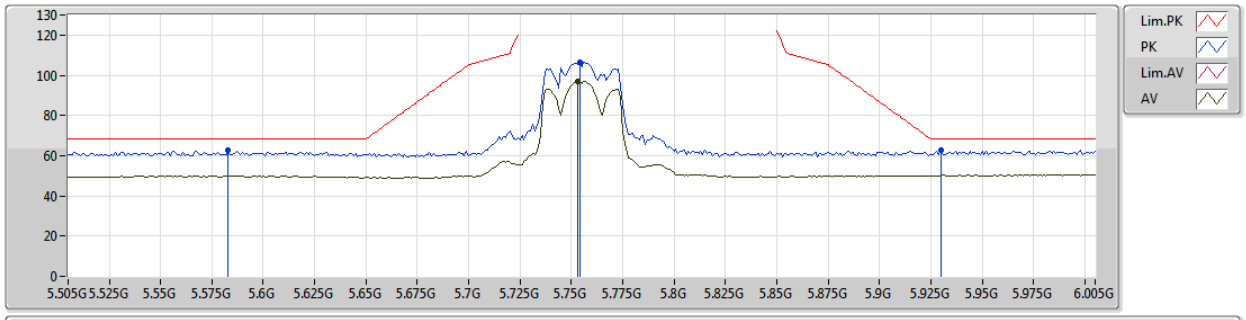
EUT Y_2TX
Setting 23
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	15.68444G	60.83	74.00	-13.17	15.93	3	Horizontal	217	1.50	-
AV	15.68408G	47.01	54.00	-6.99	15.93	3	Horizontal	217	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

08/01/2019



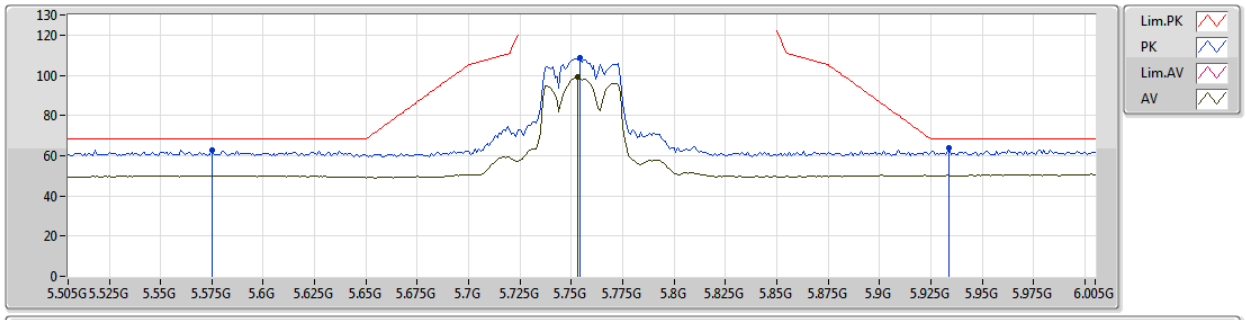
EUT Y_2TX
Setting 24
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.583G	62.60	68.20	-5.60	9.30	3	Vertical	26	1.02	-
PK	5.754G	106.41	Inf	-Inf	9.37	3	Vertical	26	1.02	-
AV	5.753G	96.93	Inf	-Inf	9.37	3	Vertical	26	1.02	-
PK	5.93G	62.64	68.20	-5.56	10.23	3	Vertical	26	1.02	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

08/01/2019



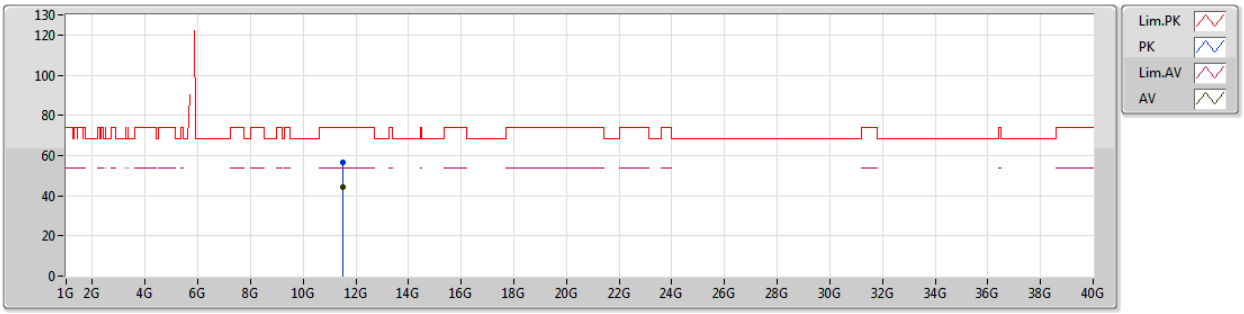
EUT Y_2TX
Setting 24
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.575G	62.58	68.20	-5.62	9.28	3	Horizontal	323	2.08	-
PK	5.754G	108.73	Inf	-Inf	9.37	3	Horizontal	323	2.08	-
AV	5.753G	99.02	Inf	-Inf	9.37	3	Horizontal	323	2.08	-
PK	5.934G	63.74	68.20	-4.46	10.25	3	Horizontal	323	2.08	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

08/01/2019



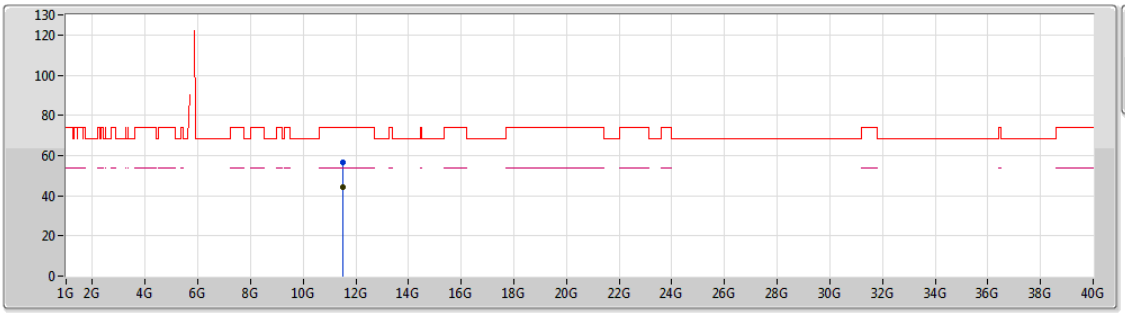
EUT Y_2TX
Setting 24
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	11.51256G	56.56	74.00	-17.44	15.20	3	Vertical	164	1.77	-
AV	11.51016G	44.23	54.00	-9.77	15.21	3	Vertical	164	1.77	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

08/01/2019



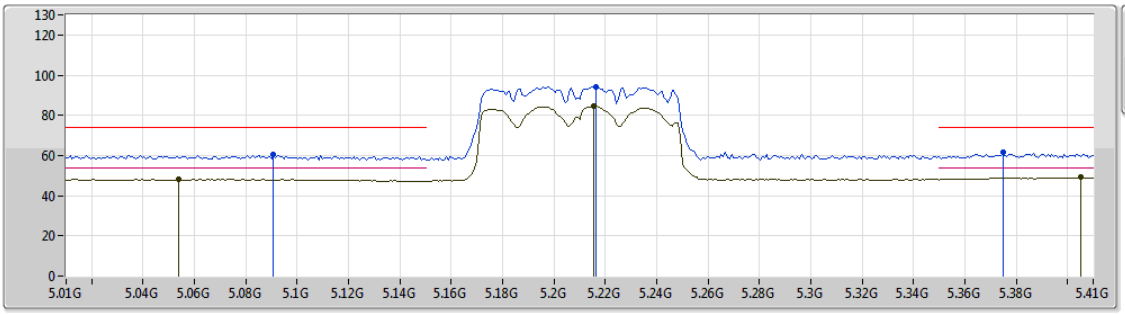
EUT Y_2TX
Setting 24
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	11.51344G	56.35	74.00	-17.65	15.20	3	Horizontal	126	2.78	-
AV	11.51016G	44.12	54.00	-9.88	15.21	3	Horizontal	126	2.78	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

08/01/2019



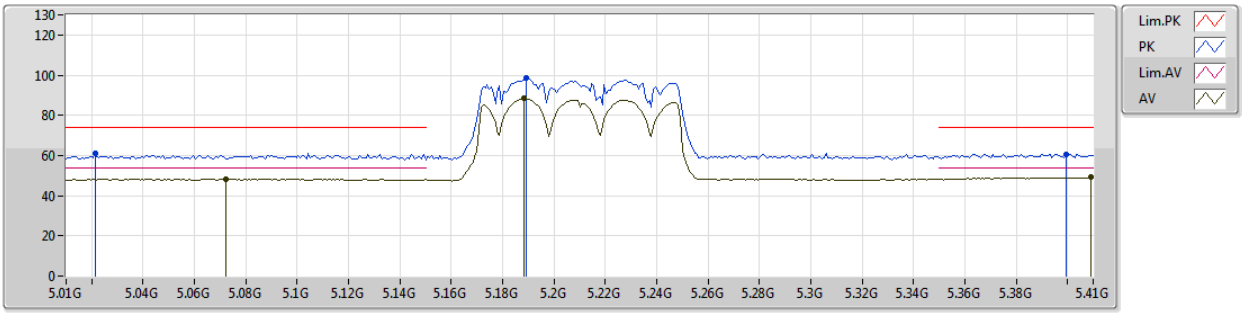
EUT Y_2TX
Setting 22
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.0908G	60.36	74.00	-13.64	7.80	3	Vertical	12	1.50	-
AV	5.054G	48.04	54.00	-5.96	7.82	3	Vertical	12	1.50	-
PK	5.2164G	94.31	Inf	-Inf	7.99	3	Vertical	12	1.50	-
AV	5.2156G	84.61	Inf	-Inf	7.99	3	Vertical	12	1.50	-
PK	5.3748G	61.40	74.00	-12.60	8.66	3	Vertical	12	1.50	-
AV	5.4052G	49.16	54.00	-4.84	8.81	3	Vertical	12	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

08/01/2019



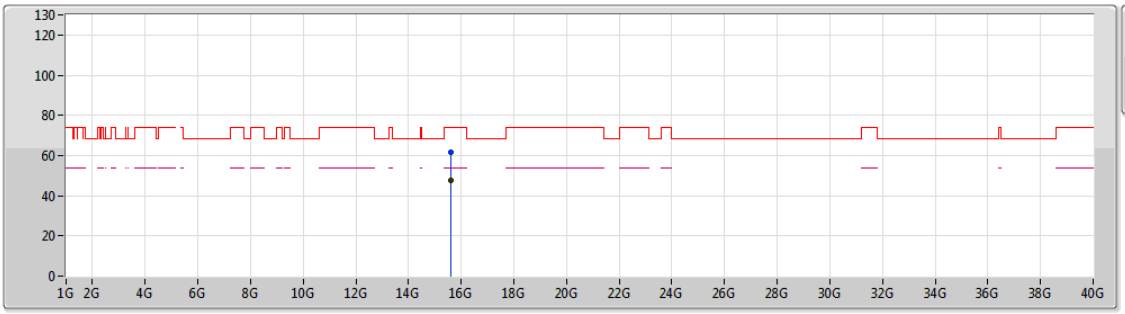
EUT Y_2TX
Setting 22
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.0212G	61.04	74.00	-12.96	7.83	3	Horizontal	343	2.14	-
AV	5.0724G	48.25	54.00	-5.75	7.80	3	Horizontal	343	2.14	-
PK	5.1892G	98.47	Inf	-Inf	7.92	3	Horizontal	343	2.14	-
AV	5.1884G	88.34	Inf	-Inf	7.92	3	Horizontal	343	2.14	-
PK	5.3996G	60.72	74.00	-13.28	8.79	3	Horizontal	343	2.14	-
AV	5.4092G	49.11	54.00	-4.89	8.83	3	Horizontal	343	2.14	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

08/01/2019



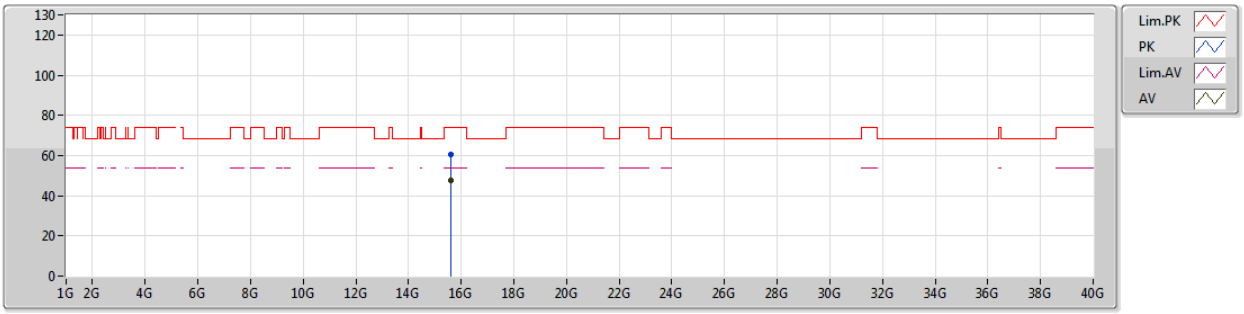
EUT Y_2TX
Setting 22
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	15.62516G	61.71	74.00	-12.29	15.97	3	Vertical	296	1.47	-
AV	15.62308G	47.44	54.00	-6.56	15.96	3	Vertical	296	1.47	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

08/01/2019



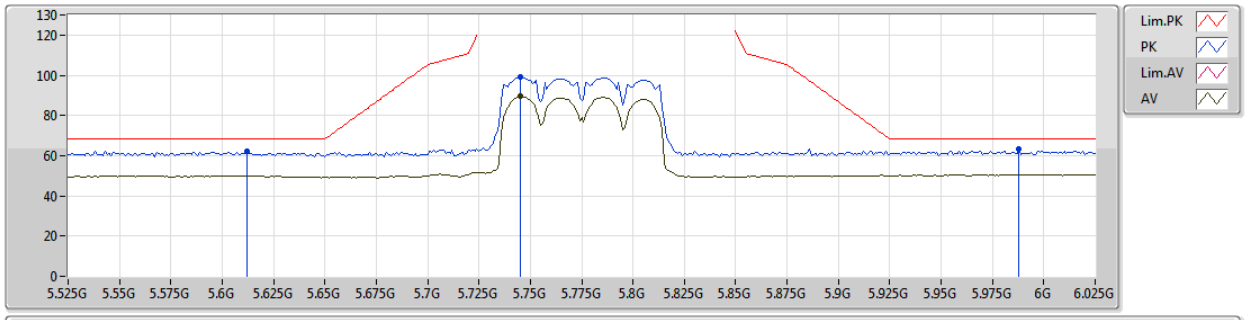
EUT Y_2TX
Setting 22
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	15.62232G	60.55	74.00	-13.45	15.96	3	Horizontal	217	1.50	-
AV	15.6238G	47.39	54.00	-6.61	15.96	3	Horizontal	217	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

08/01/2019



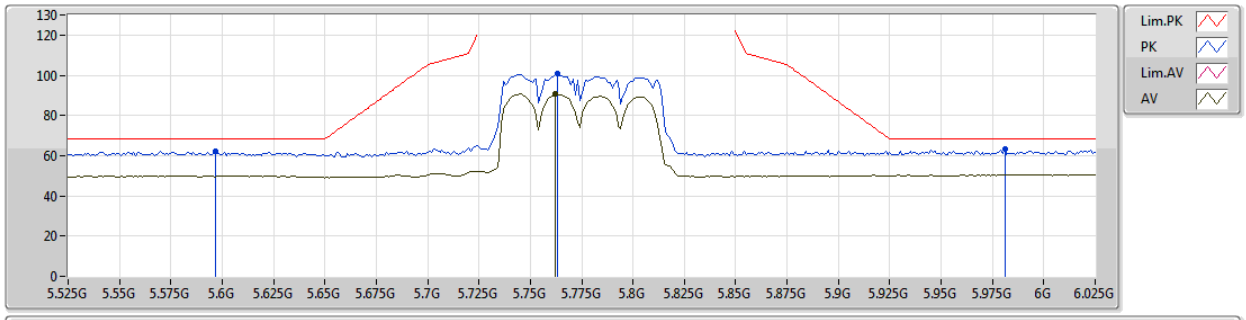
EUT Y_2TX
Setting 24
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.612G	62.05	68.20	-6.15	9.32	3	Vertical	28	1.02	-
PK	5.745G	99.35	Inf	-Inf	9.36	3	Vertical	28	1.02	-
AV	5.745G	89.49	Inf	-Inf	9.36	3	Vertical	28	1.02	-
PK	5.988G	63.14	68.20	-5.06	10.59	3	Vertical	28	1.02	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

08/01/2019



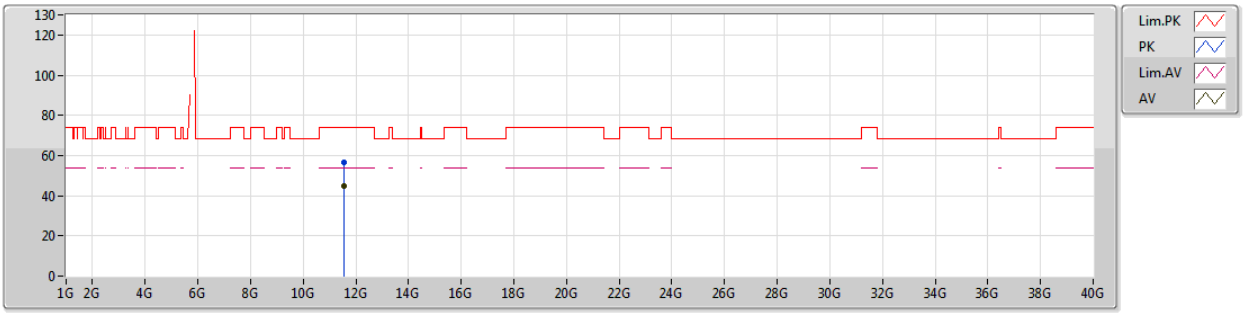
EUT Y_2TX
Setting 24
04-L-3-10
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	5.597G	62.36	68.20	-5.84	9.31	3	Horizontal	325	2.03	-
PK	5.763G	100.89	Inf	-Inf	9.38	3	Horizontal	325	2.03	-
AV	5.762G	90.72	Inf	-Inf	9.37	3	Horizontal	325	2.03	-
PK	5.981G	63.50	68.20	-4.70	10.55	3	Horizontal	325	2.03	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

08/01/2019



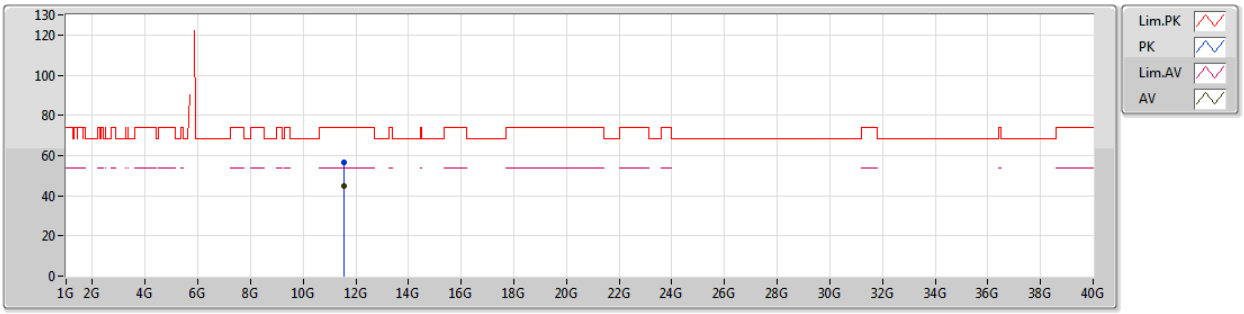
EUT Y_2TX
Setting 24
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	11.55028G	56.47	74.00	-17.53	15.19	3	Vertical	148	2.14	-
AV	11.55016G	45.09	54.00	-8.91	15.19	3	Vertical	148	2.14	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

08/01/2019



EUT Y_2TX
Setting 24
04-L-3
FSP(100142)

Type	Freq	Level	Limit	Margin	Factor	Dist	Pol.	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)	(H/V)	(°)	(m)	
PK	11.54652G	56.84	74.00	-17.16	15.19	3	Horizontal	129	2.79	-
AV	11.5502G	44.83	54.00	-9.17	15.19	3	Horizontal	129	2.79	-

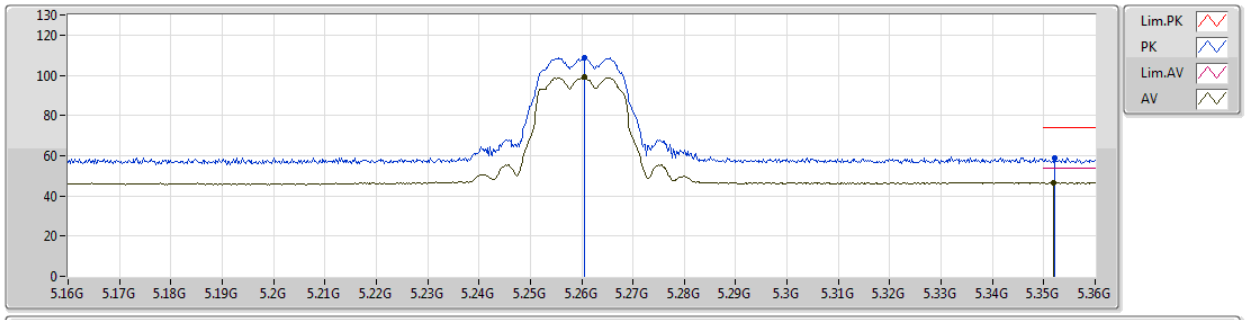
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40_Nss1,(MCS0)_2TX	Pass	PK	5.47G	66.87	68.20	-1.33	6.58	3	Vertical	0	1.03	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

16/01/2019



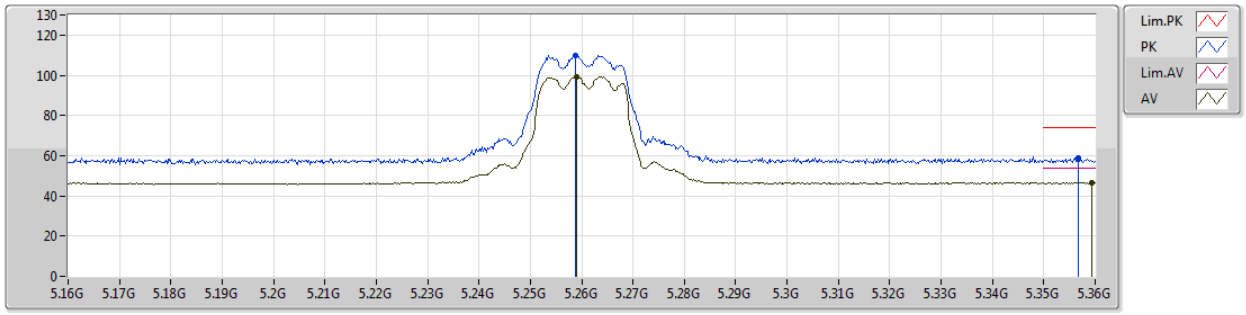
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2606G	108.75	Inf	-Inf	6.38	3	Vertical	30	2.03	-
AV	5.2606G	98.93	Inf	-Inf	6.38	3	Vertical	30	2.03	-
PK	5.3522G	58.78	74.00	-15.22	6.50	3	Vertical	30	2.03	-
AV	5.352G	46.64	54.00	-7.36	6.50	3	Vertical	30	2.03	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

16/01/2019



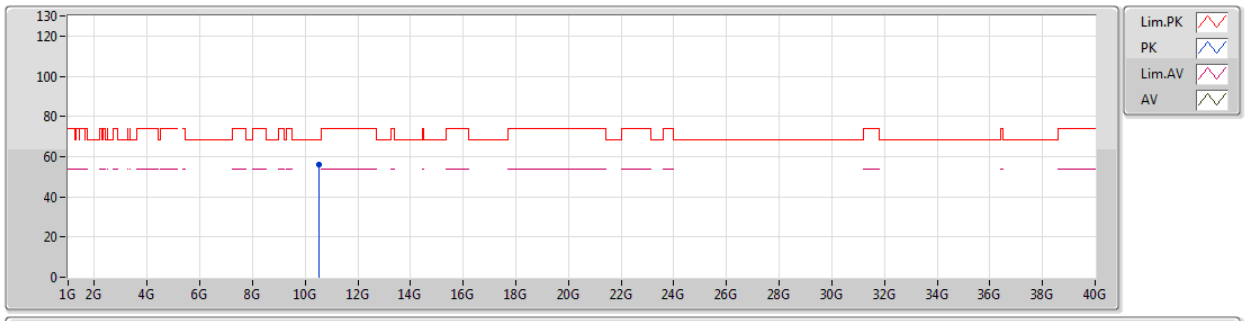
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2588G	109.87	Inf	-Inf	6.37	3	Horizontal	20	2.33	-
AV	5.259G	99.36	Inf	-Inf	6.37	3	Horizontal	20	2.33	-
PK	5.3568G	58.87	74.00	-15.13	6.50	3	Horizontal	20	2.33	-
AV	5.3594G	46.73	54.00	-7.27	6.50	3	Horizontal	20	2.33	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

17/01/2019



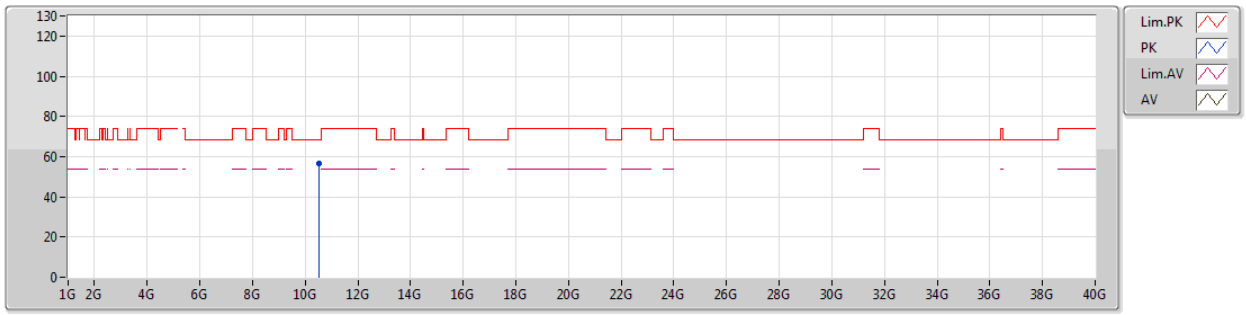
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.5164G	55.79	68.20	-12.41	14.71	3	Vertical	33	1.47	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

17/01/2019



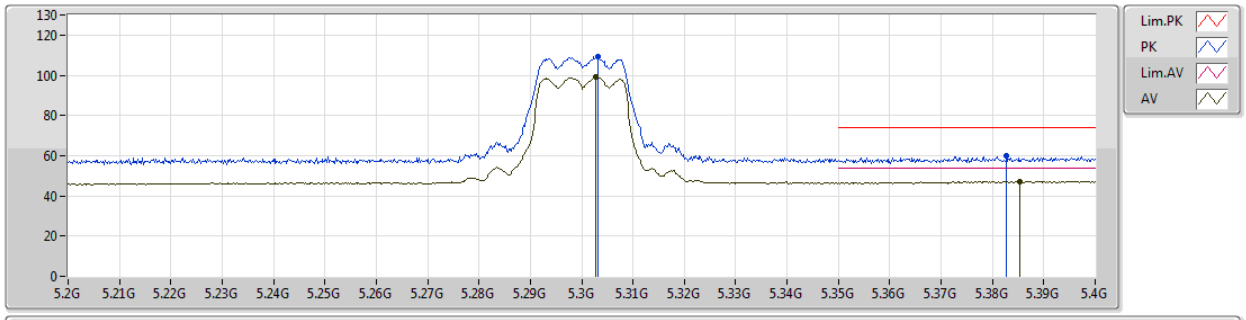
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.5198G	56.35	68.20	-11.85	14.71	3	Horizontal	289	1.73	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

16/01/2019



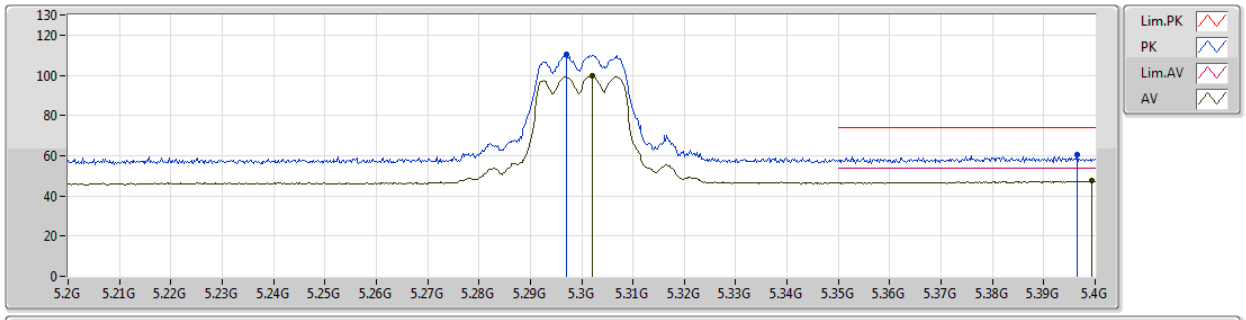
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3032G	109.38	Inf	-Inf	6.44	3	Vertical	32	2.10	-
AV	5.3028G	99.40	Inf	-Inf	6.44	3	Vertical	32	2.10	-
PK	5.3828G	60.10	74.00	-13.90	6.53	3	Vertical	32	2.10	-
AV	5.3854G	47.18	54.00	-6.82	6.54	3	Vertical	32	2.10	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

16/01/2019



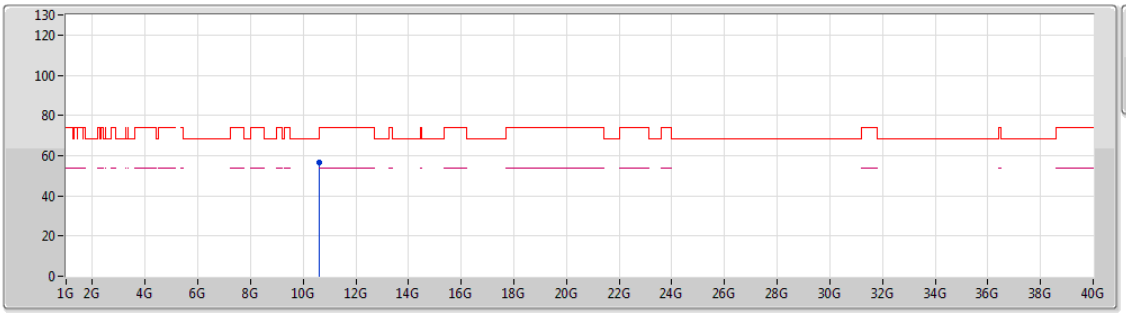
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.297G	110.14	Inf	-Inf	6.44	3	Horizontal	29	2.23	-
AV	5.302G	99.61	Inf	-Inf	6.44	3	Horizontal	29	2.23	-
PK	5.3964G	60.69	74.00	-13.31	6.56	3	Horizontal	29	2.23	-
AV	5.3994G	47.39	54.00	-6.61	6.56	3	Horizontal	29	2.23	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

17/01/2019



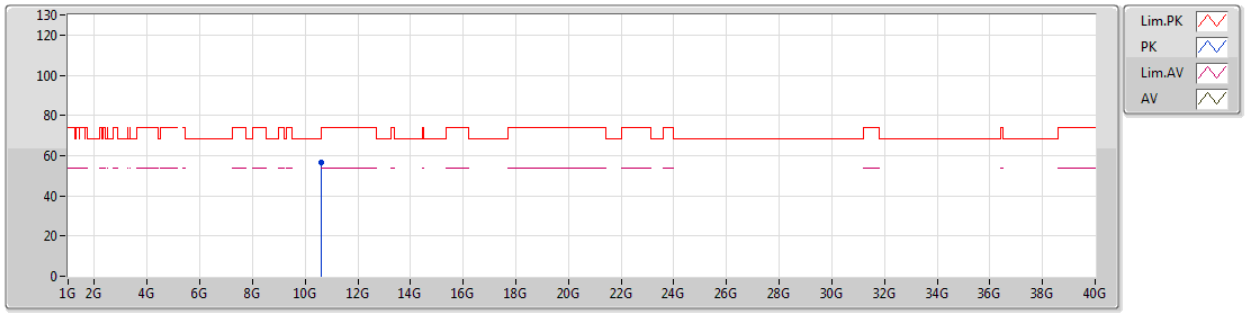
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59767G	56.67	68.20	-11.53	14.94	3	Vertical	228	1.74	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

17/01/2019



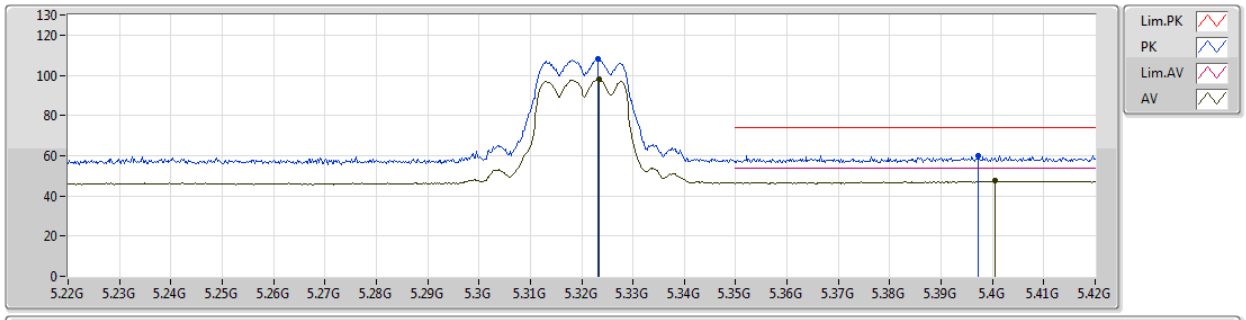
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59805G	56.76	68.20	-11.44	14.94	3	Horizontal	52	2.52	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

16/01/2019



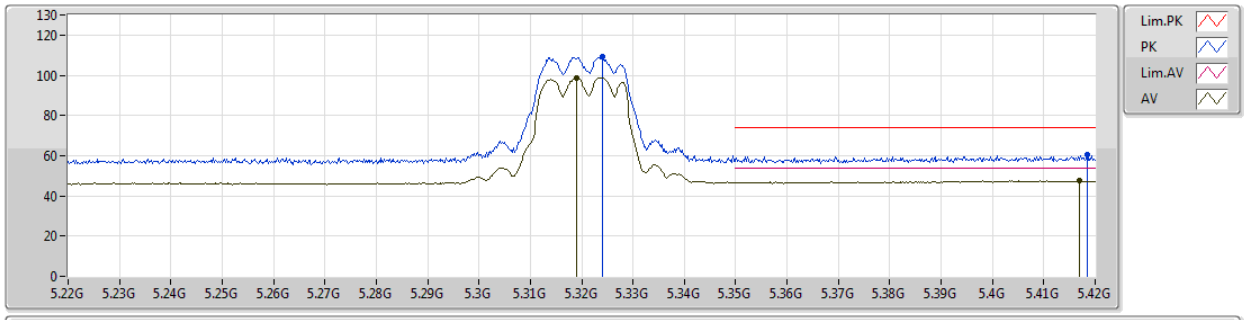
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3232G	108.41	Inf	-Inf	6.47	3	Vertical	0	2.22	-
AV	5.3234G	98.29	Inf	-Inf	6.47	3	Vertical	0	2.22	-
PK	5.3972G	60.06	74.00	-13.94	6.56	3	Vertical	0	2.22	-
AV	5.4006G	47.43	54.00	-6.57	6.56	3	Vertical	0	2.22	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

16/01/2019



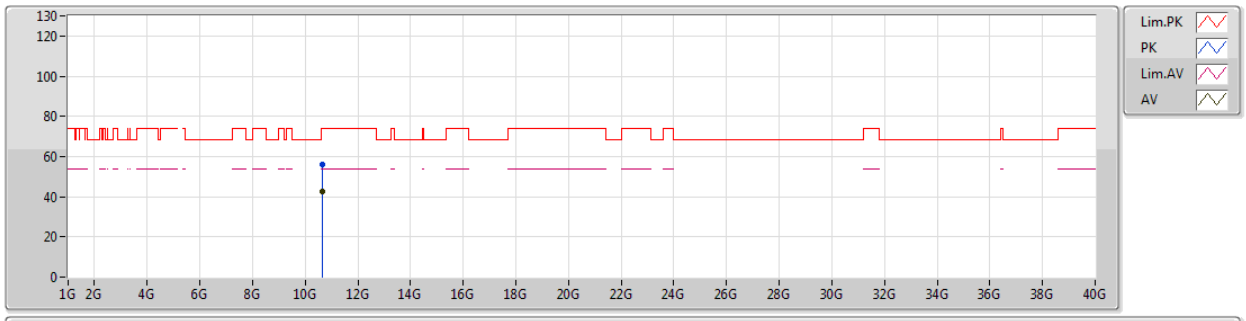
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.324G	109.03	Inf	-Inf	6.47	3	Horizontal	24	2.20	-
AV	5.319G	98.84	Inf	-Inf	6.47	3	Horizontal	24	2.20	-
PK	5.4184G	60.42	74.00	-13.58	6.57	3	Horizontal	24	2.20	-
AV	5.417G	47.51	54.00	-6.49	6.57	3	Horizontal	24	2.20	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

17/01/2019



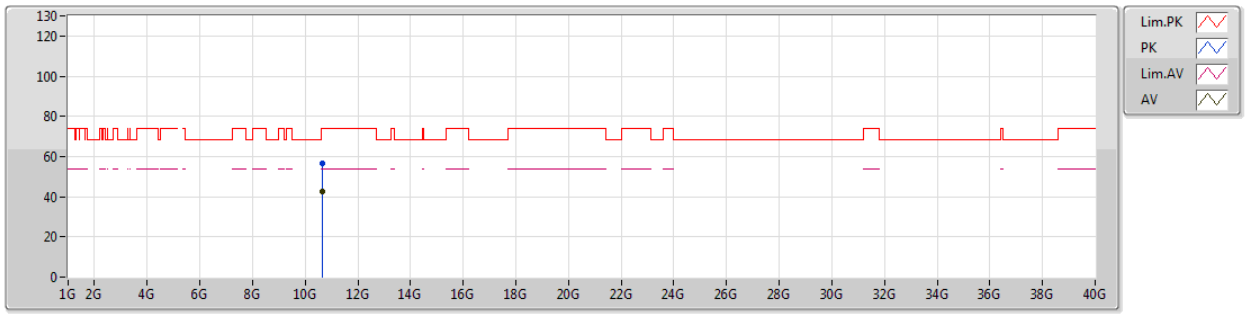
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.63552G	56.19	74.00	-17.81	15.04	3	Vertical	142	1.76	-
AV	10.63789G	42.61	54.00	-11.39	15.04	3	Vertical	142	1.76	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

17/01/2019



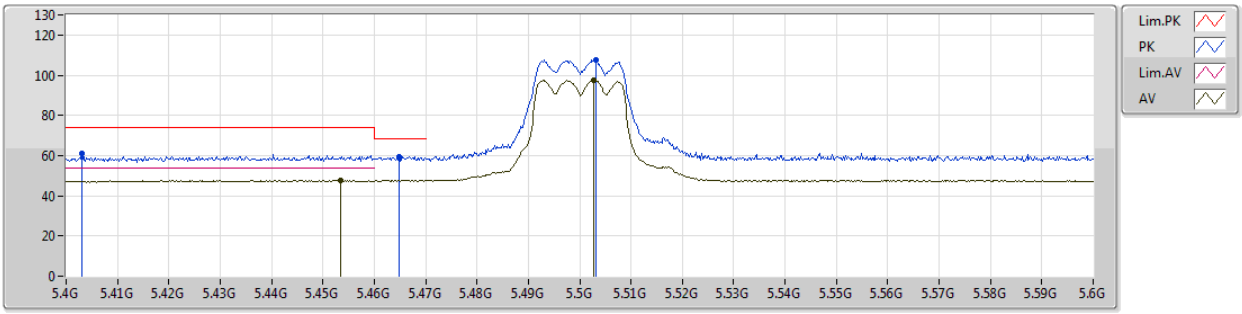
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.63725G	56.60	74.00	-17.40	15.04	3	Horizontal	166	1.50	-
AV	10.64424G	42.52	54.00	-11.48	15.06	3	Horizontal	166	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

16/01/2019



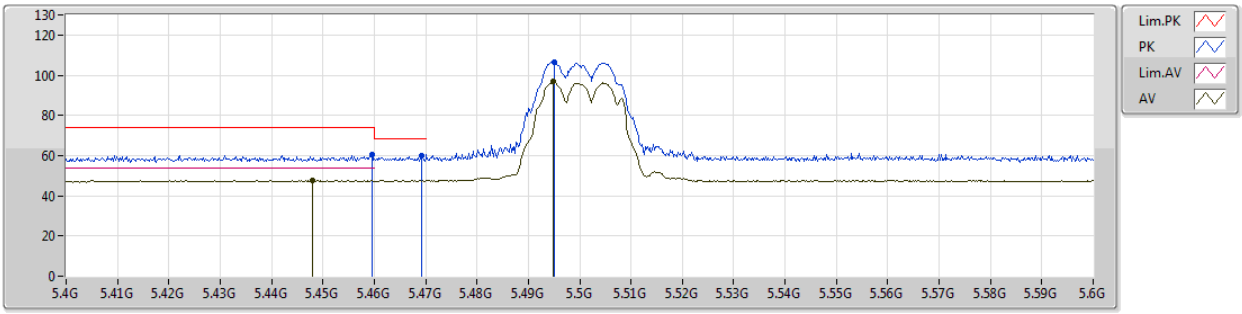
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.403G	60.84	74.00	-13.16	6.56	3	Vertical	45	1.03	-
AV	5.4534G	47.71	54.00	-6.29	6.57	3	Vertical	45	1.03	-
PK	5.4648G	59.52	68.20	-8.68	6.58	3	Vertical	45	1.03	-
PK	5.5032G	107.52	Inf	-Inf	6.59	3	Vertical	45	1.03	-
AV	5.5028G	97.51	Inf	-Inf	6.59	3	Vertical	45	1.03	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

16/01/2019



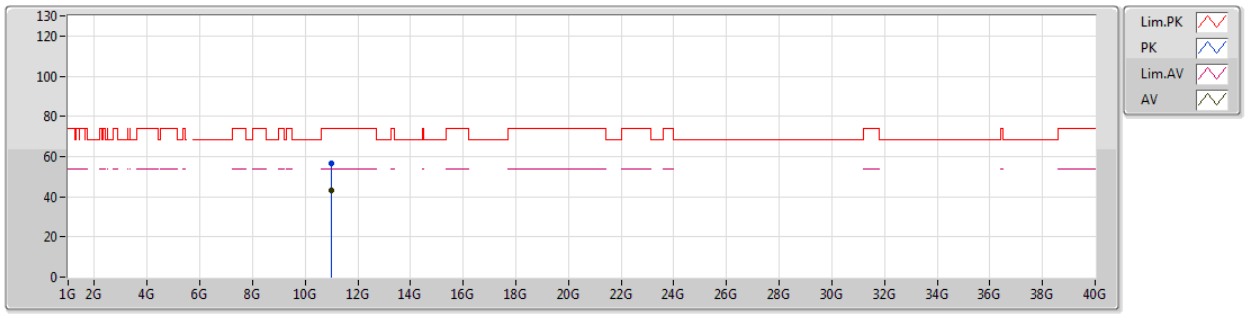
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4596G	60.29	74.00	-13.71	6.57	3	Horizontal	23	2.10	-
AV	5.448G	47.82	54.00	-6.18	6.58	3	Horizontal	23	2.10	-
PK	5.4692G	59.94	68.20	-8.26	6.58	3	Horizontal	23	2.10	-
PK	5.495G	106.47	Inf	-Inf	6.59	3	Horizontal	23	2.10	-
AV	5.4948G	96.70	Inf	-Inf	6.59	3	Horizontal	23	2.10	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

17/01/2019



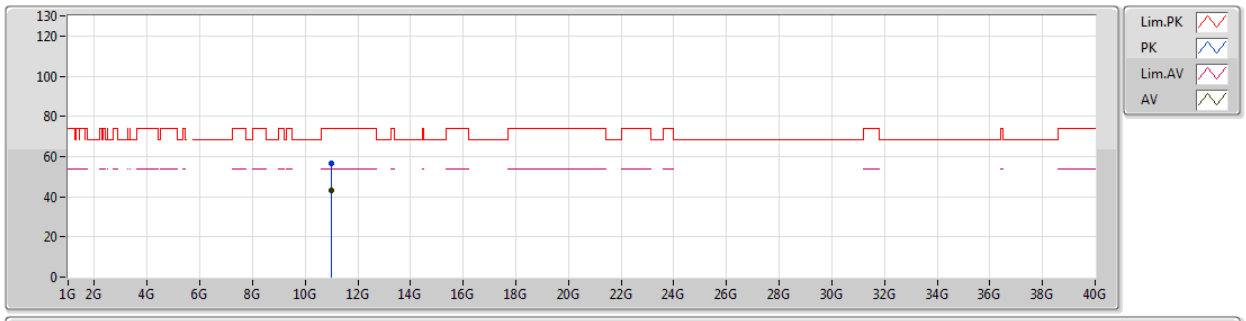
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00226G	56.58	74.00	-17.42	16.04	3	Vertical	232	1.02	-
AV	10.99613G	43.24	54.00	-10.76	16.03	3	Vertical	232	1.02	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

17/01/2019



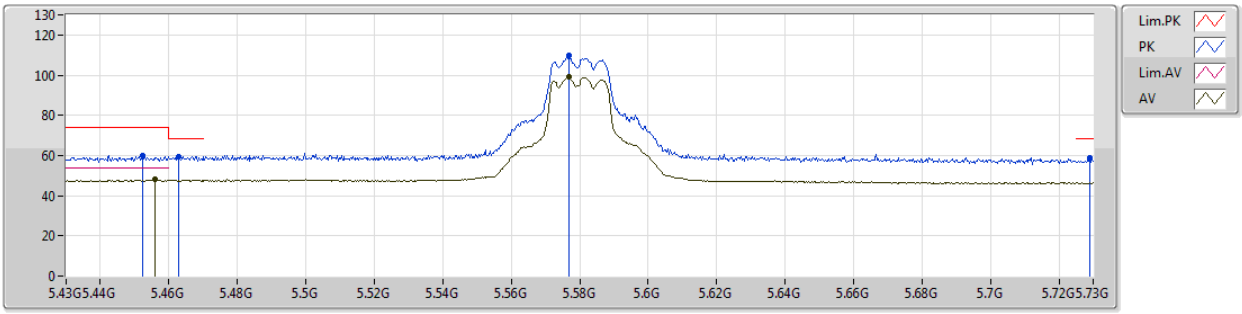
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00136G	56.38	74.00	-17.62	16.04	3	Horizontal	208	1.50	-
AV	10.99537G	43.26	54.00	-10.74	16.03	3	Horizontal	208	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

16/01/2019



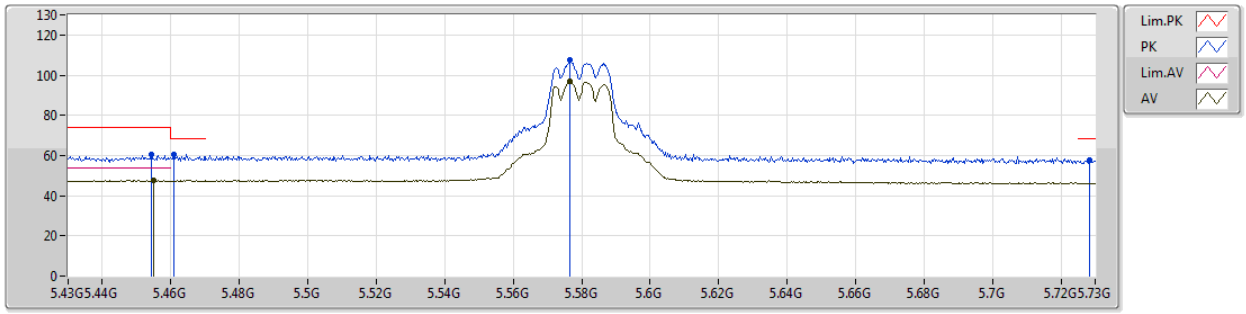
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4522G	60.19	74.00	-13.81	6.57	3	Vertical	47	1.01	-
AV	5.4561G	47.91	54.00	-6.09	6.57	3	Vertical	47	1.01	-
PK	5.4627G	59.60	68.20	-8.60	6.58	3	Vertical	47	1.01	-
PK	5.577G	109.94	Inf	-Inf	6.57	3	Vertical	47	1.01	-
AV	5.577G	99.14	Inf	-Inf	6.57	3	Vertical	47	1.01	-
PK	5.7291G	58.86	68.20	-9.34	6.69	3	Vertical	47	1.01	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

16/01/2019



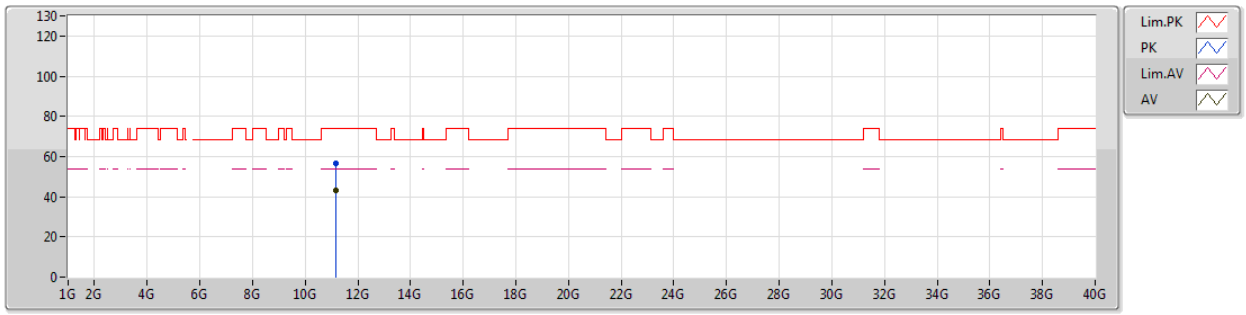
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4543G	60.27	74.00	-13.73	6.57	3	Horizontal	339	2.41	-
AV	5.4549G	47.50	54.00	-6.50	6.57	3	Horizontal	339	2.41	-
PK	5.4609G	60.52	68.20	-7.68	6.57	3	Horizontal	339	2.41	-
PK	5.5767G	107.55	Inf	-Inf	6.57	3	Horizontal	339	2.41	-
AV	5.5767G	96.87	Inf	-Inf	6.57	3	Horizontal	339	2.41	-
PK	5.7282G	57.69	68.20	-10.51	6.69	3	Horizontal	339	2.41	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

17/01/2019



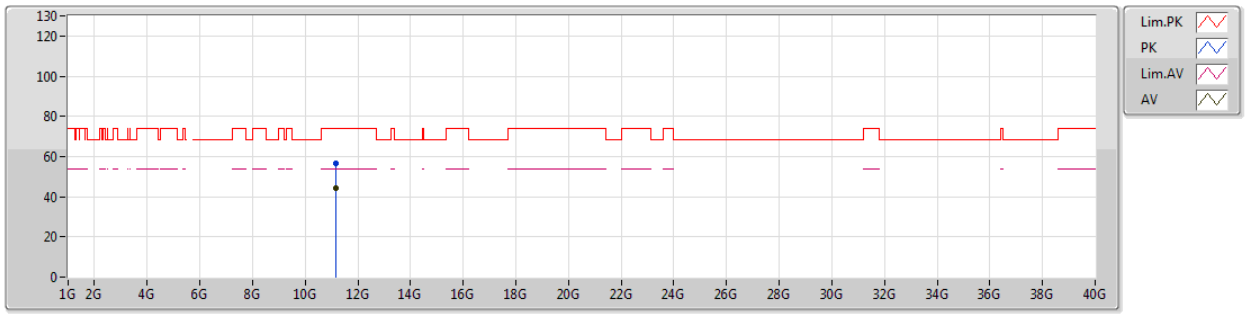
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.15661G	56.63	74.00	-17.37	16.41	3	Vertical	266	1.50	-
AV	11.16215G	43.11	54.00	-10.89	16.42	3	Vertical	266	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

17/01/2019



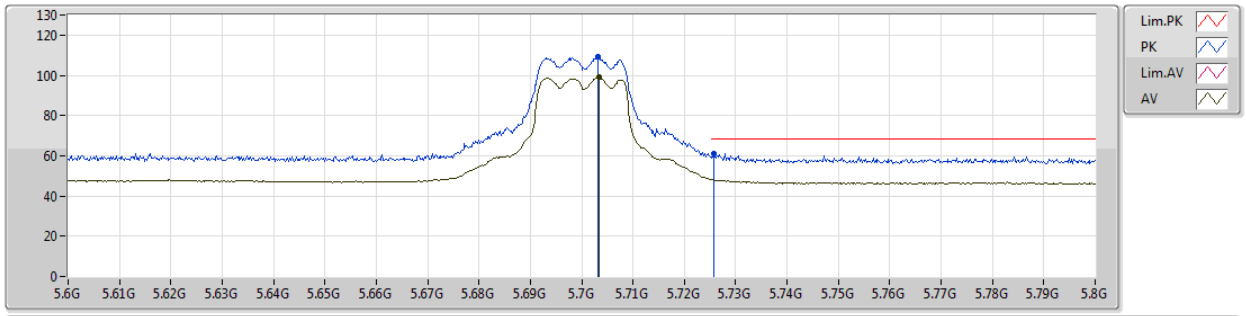
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.15752G	56.64	74.00	-17.36	16.41	3	Horizontal	325	2.30	-
AV	11.15998G	44.17	54.00	-9.83	16.42	3	Horizontal	325	2.30	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

16/01/2019



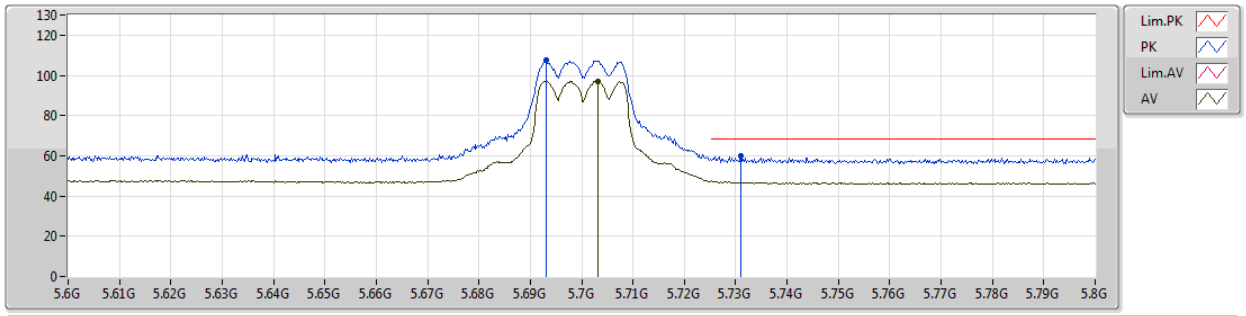
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7032G	109.04	Inf	-Inf	6.67	3	Vertical	36	1.99	-
AV	5.7034G	99.02	Inf	-Inf	6.67	3	Vertical	36	1.99	-
PK	5.7258G	61.19	68.20	-7.01	6.69	3	Vertical	36	1.99	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

16/01/2019



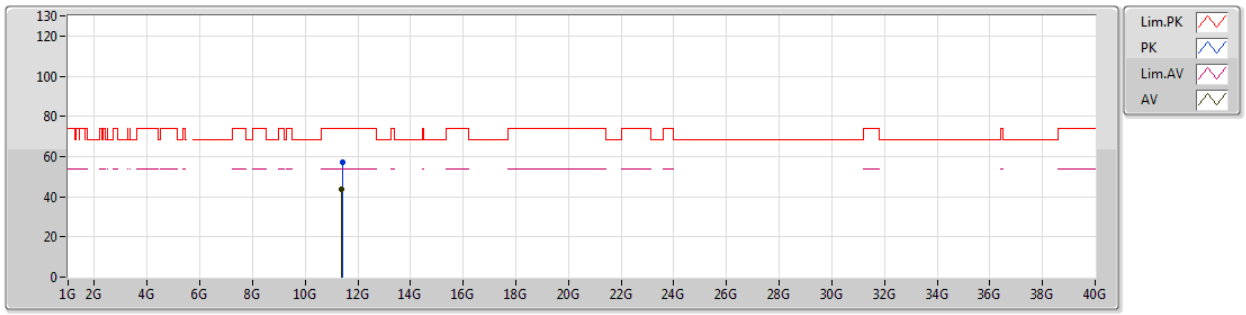
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6932G	107.34	Inf	-Inf	6.66	3	Horizontal	316	2.77	-
AV	5.7032G	97.19	Inf	-Inf	6.67	3	Horizontal	316	2.77	-
PK	5.731G	59.88	68.20	-8.32	6.69	3	Horizontal	316	2.77	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

17/01/2019



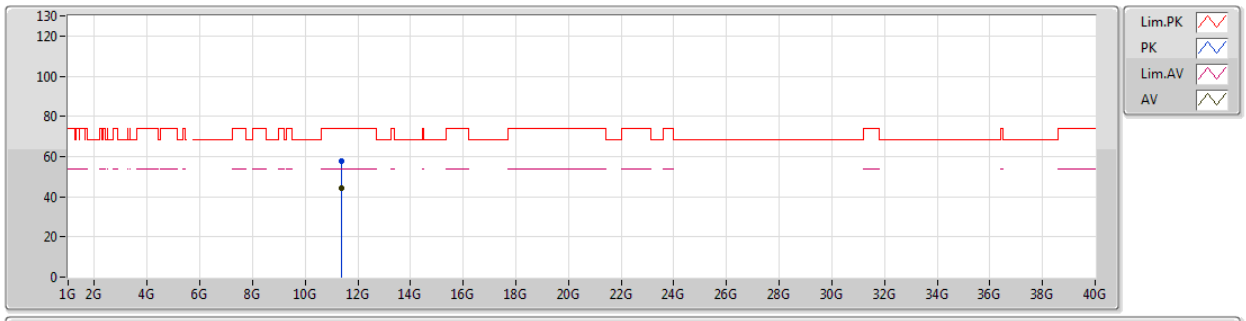
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.40398G	57.28	74.00	-16.72	17.00	3	Vertical	115	2.98	-
AV	11.40011G	43.95	54.00	-10.05	16.99	3	Vertical	115	2.98	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

17/01/2019



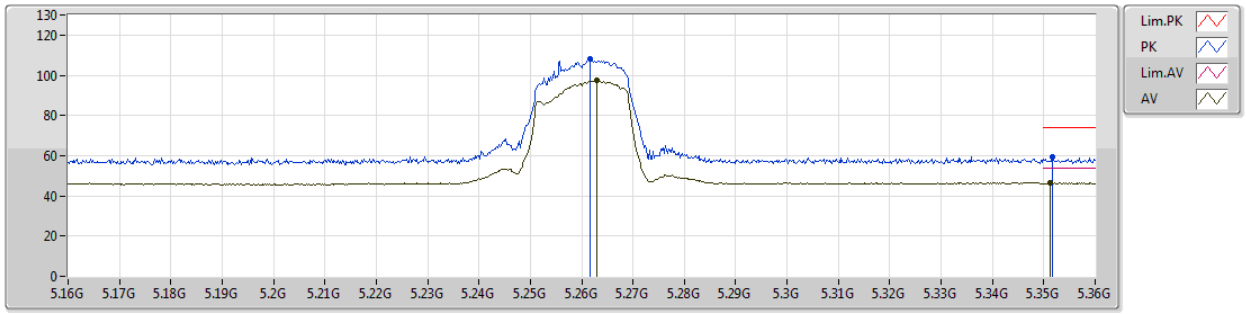
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.40014G	57.68	74.00	-16.32	16.99	3	Horizontal	355	1.92	-
AV	11.40003G	44.50	54.00	-9.50	16.99	3	Horizontal	355	1.92	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

16/01/2019



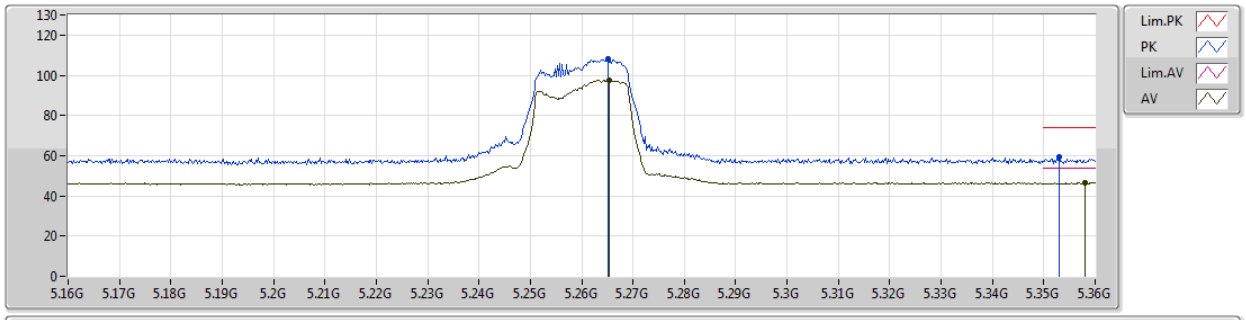
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2616G	108.42	Inf	-Inf	6.38	3	Vertical	0	2.14	-
AV	5.263G	97.41	Inf	-Inf	6.39	3	Vertical	0	2.14	-
PK	5.3516G	59.33	74.00	-14.67	6.50	3	Vertical	0	2.14	-
AV	5.3512G	46.62	54.00	-7.38	6.50	3	Vertical	0	2.14	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

16/01/2019



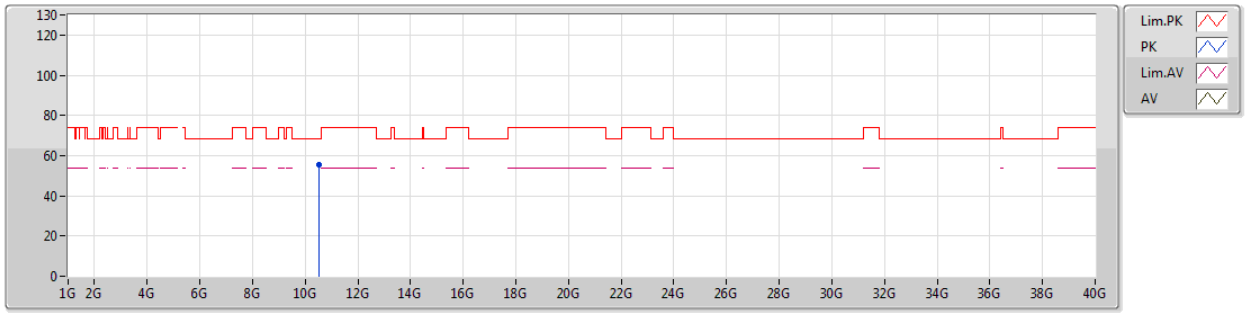
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2652G	107.98	Inf	-Inf	6.39	3	Horizontal	17	2.40	-
AV	5.2654G	97.62	Inf	-Inf	6.39	3	Horizontal	17	2.40	-
PK	5.353G	59.19	74.00	-14.81	6.50	3	Horizontal	17	2.40	-
AV	5.358G	46.64	54.00	-7.36	6.50	3	Horizontal	17	2.40	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

17/01/2019



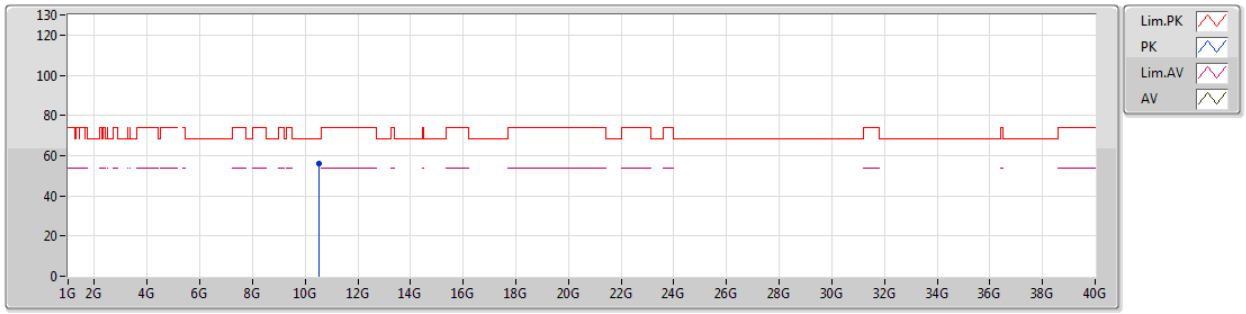
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.51631G	55.53	68.20	-12.67	14.71	3	Vertical	356	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

17/01/2019



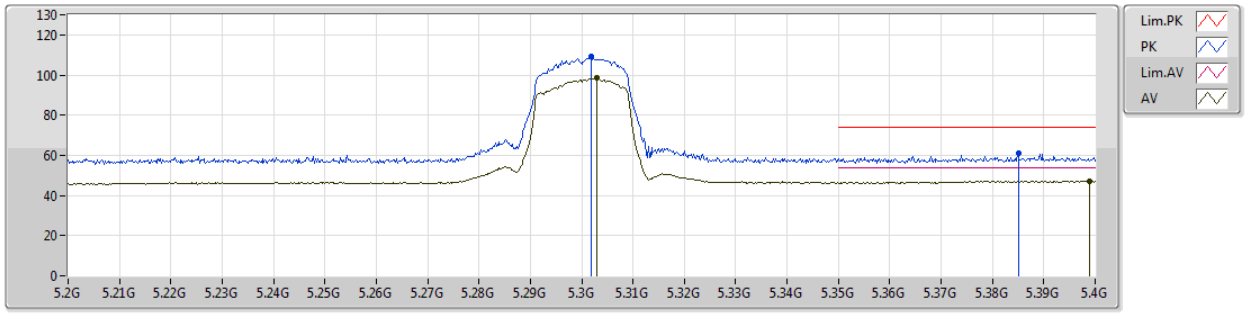
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.5188G	56.07	68.20	-12.13	14.71	3	Horizontal	57	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

16/01/2019



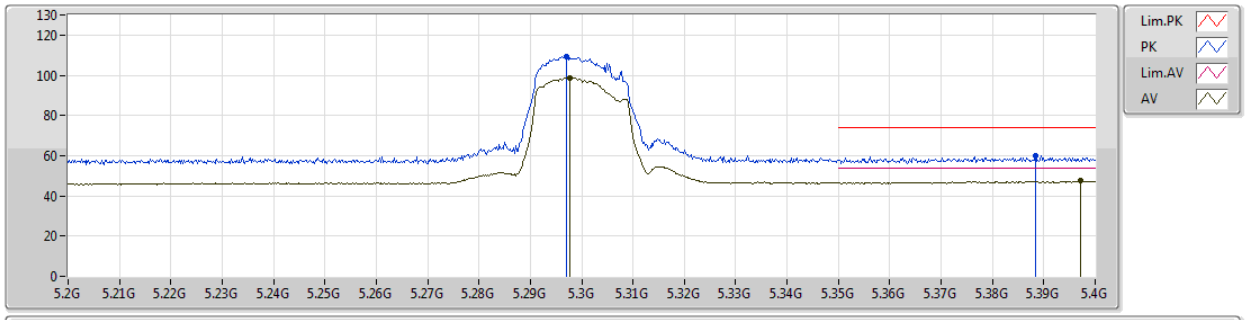
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3018G	109.48	Inf	-Inf	6.44	3	Vertical	34	2.10	-
AV	5.303G	98.39	Inf	-Inf	6.44	3	Vertical	34	2.10	-
PK	5.385G	61.19	74.00	-12.81	6.54	3	Vertical	34	2.10	-
AV	5.3988G	47.21	54.00	-6.79	6.56	3	Vertical	34	2.10	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

16/01/2019



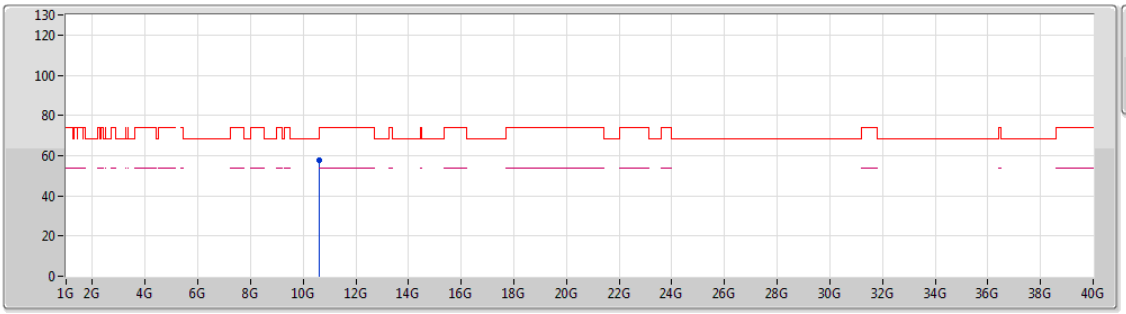
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.297G	109.45	Inf	-Inf	6.44	3	Horizontal	30	2.22	-
AV	5.2976G	98.83	Inf	-Inf	6.44	3	Horizontal	30	2.22	-
PK	5.3884G	59.80	74.00	-14.20	6.55	3	Horizontal	30	2.22	-
AV	5.3972G	47.44	54.00	-6.56	6.56	3	Horizontal	30	2.22	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

17/01/2019



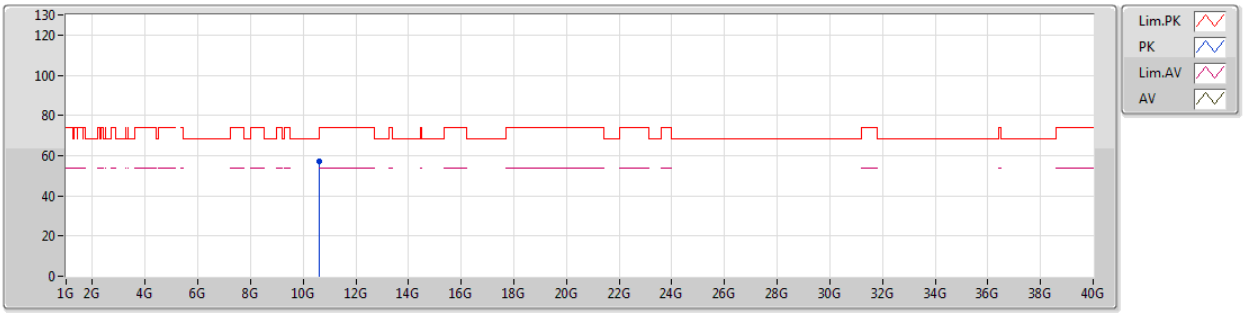
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.5983G	57.48	68.20	-10.72	14.94	3	Vertical	153	1.53	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

17/01/2019



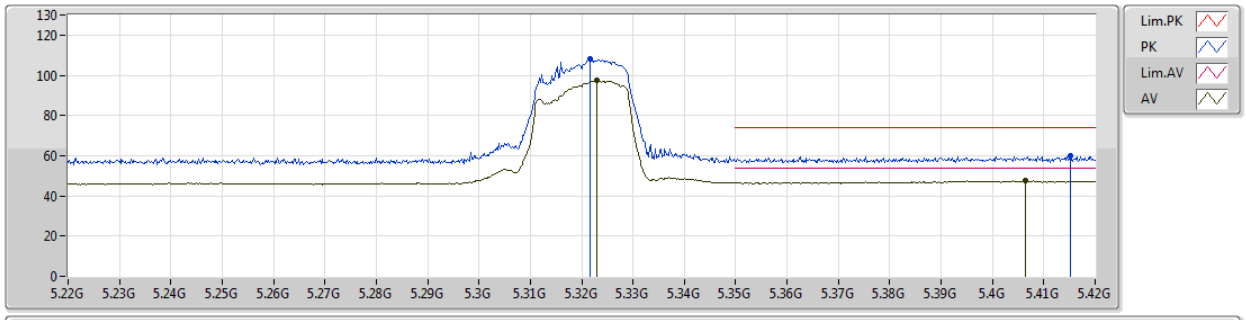
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59556G	57.42	68.20	-10.78	14.92	3	Horizontal	53	2.31	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

16/01/2019



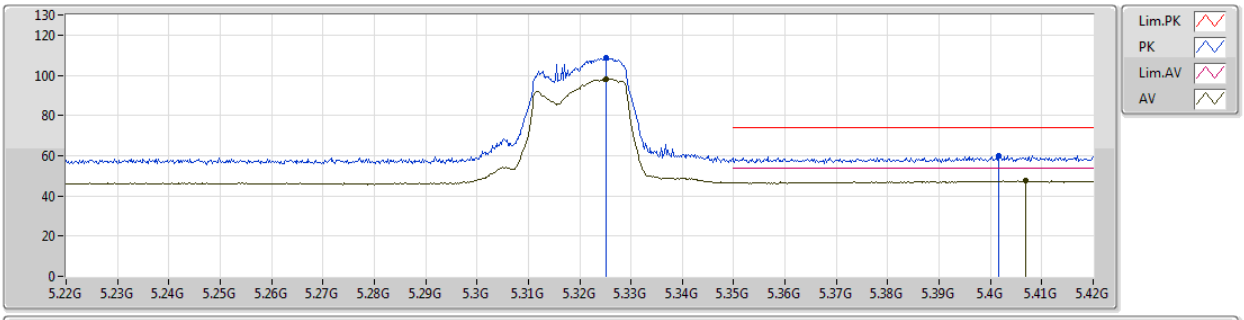
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3216G	108.17	Inf	-Inf	6.47	3	Vertical	5	2.20	-
AV	5.323G	97.57	Inf	-Inf	6.47	3	Vertical	5	2.20	-
PK	5.4152G	59.74	74.00	-14.26	6.57	3	Vertical	5	2.20	-
AV	5.4064G	47.45	54.00	-6.55	6.56	3	Vertical	5	2.20	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

16/01/2019



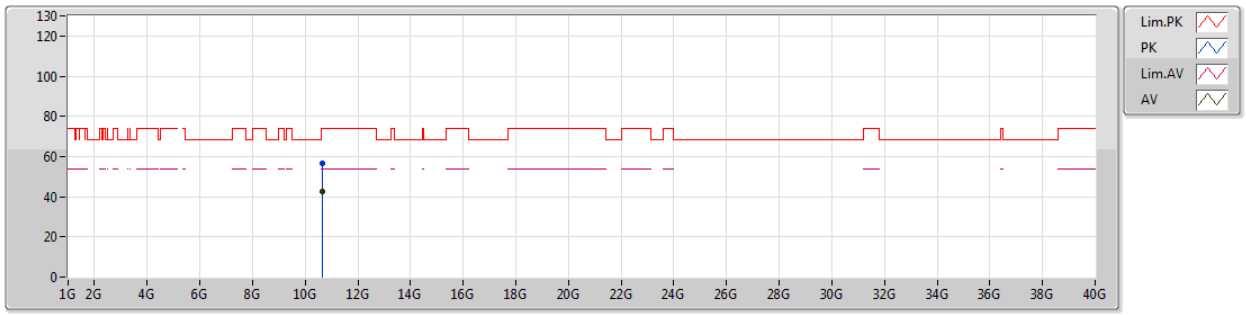
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3252G	108.48	Inf	-Inf	6.47	3	Horizontal	24	2.22	-
AV	5.3252G	98.20	Inf	-Inf	6.47	3	Horizontal	24	2.22	-
PK	5.4016G	60.21	74.00	-13.79	6.56	3	Horizontal	24	2.22	-
AV	5.4068G	47.57	54.00	-6.43	6.56	3	Horizontal	24	2.22	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

17/01/2019



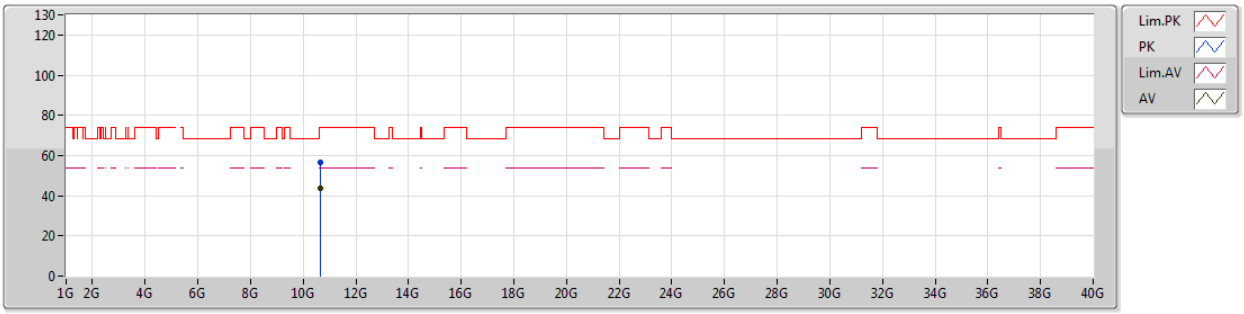
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.63593G	56.56	74.00	-17.44	15.04	3	Vertical	29	1.66	-
AV	10.63698G	42.71	54.00	-11.29	15.04	3	Vertical	29	1.66	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

17/01/2019



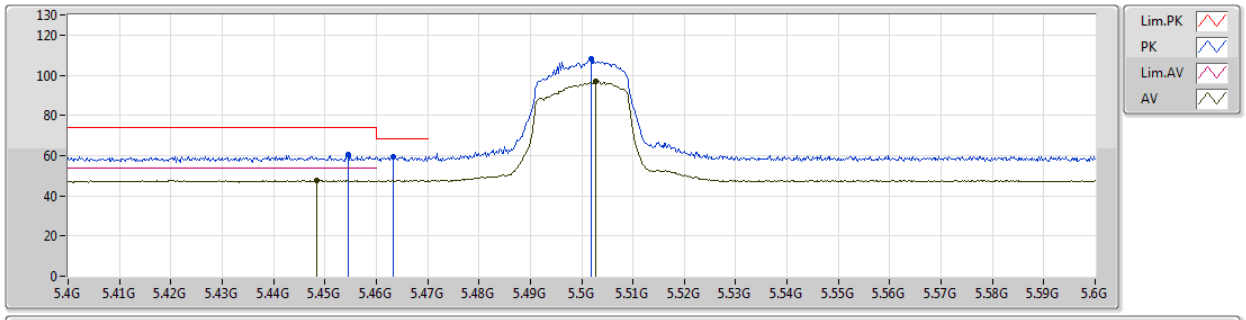
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.63848G	56.67	74.00	-17.33	15.04	3	Horizontal	50	2.32	-
AV	10.64003G	43.44	54.00	-10.56	15.05	3	Horizontal	50	2.32	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

16/01/2019



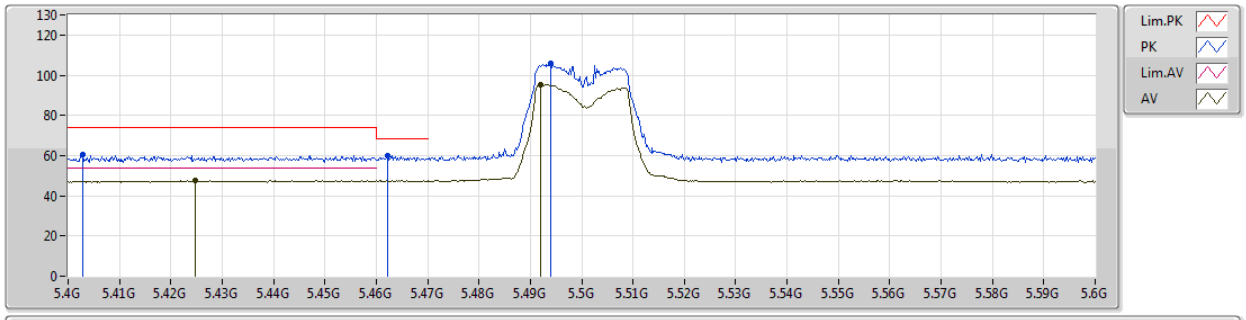
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4546G	60.25	74.00	-13.75	6.57	3	Vertical	56	1.10	-
AV	5.4484G	47.67	54.00	-6.33	6.58	3	Vertical	56	1.10	-
PK	5.4634G	59.60	68.20	-8.60	6.58	3	Vertical	56	1.10	-
PK	5.5018G	108.05	Inf	-Inf	6.59	3	Vertical	56	1.10	-
AV	5.5028G	96.85	Inf	-Inf	6.59	3	Vertical	56	1.10	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

16/01/2019



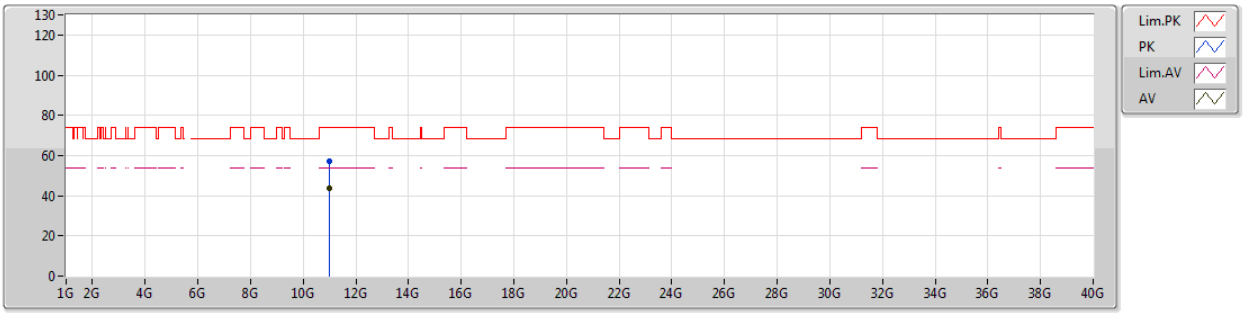
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4028G	60.34	74.00	-13.66	6.56	3	Horizontal	34	2.16	-
AV	5.4248G	47.71	54.00	-6.29	6.57	3	Horizontal	34	2.16	-
PK	5.4622G	59.92	68.20	-8.28	6.57	3	Horizontal	34	2.16	-
PK	5.494G	105.67	Inf	-Inf	6.59	3	Horizontal	34	2.16	-
AV	5.492G	95.46	Inf	-Inf	6.59	3	Horizontal	34	2.16	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

17/01/2019



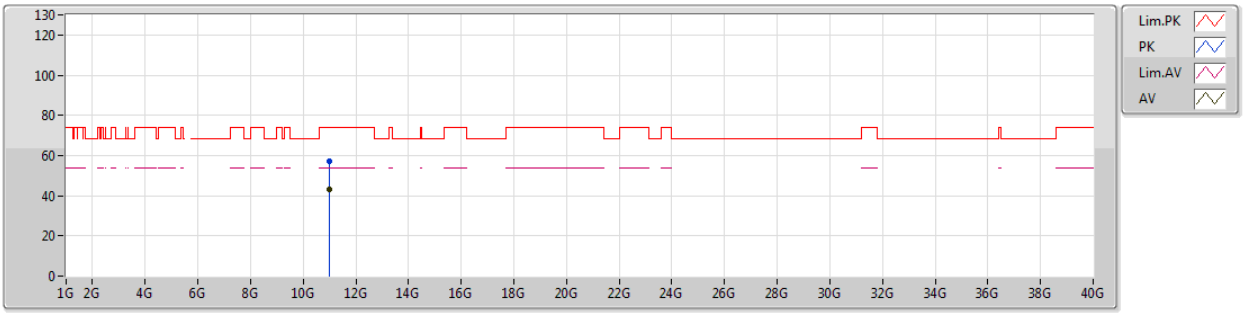
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00008G	56.88	74.00	-17.12	16.04	3	Vertical	343	2.92	-
AV	10.99991G	43.56	54.00	-10.44	16.04	3	Vertical	343	2.92	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

17/01/2019



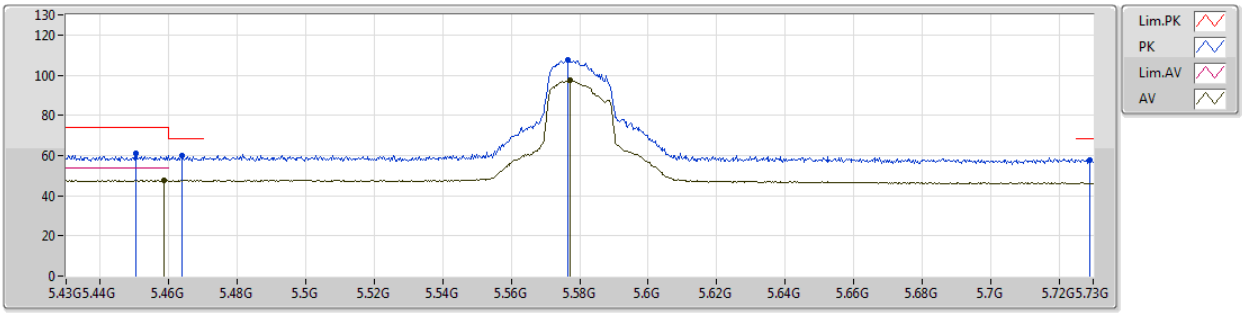
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.99825G	57.11	74.00	-16.89	16.04	3	Horizontal	158	1.50	-
AV	10.99997G	43.25	54.00	-10.75	16.04	3	Horizontal	158	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

16/01/2019



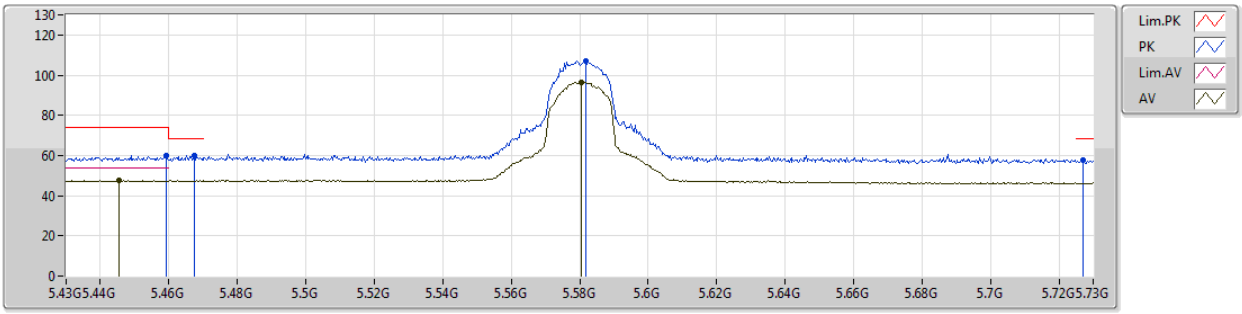
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4504G	60.94	74.00	-13.06	6.57	3	Vertical	12	2.06	-
AV	5.4585G	47.89	54.00	-6.11	6.57	3	Vertical	12	2.06	-
PK	5.4639G	59.69	68.20	-8.51	6.58	3	Vertical	12	2.06	-
PK	5.5764G	107.43	Inf	-Inf	6.57	3	Vertical	12	2.06	-
AV	5.5773G	97.43	Inf	-Inf	6.57	3	Vertical	12	2.06	-
PK	5.7291G	57.89	68.20	-10.31	6.69	3	Vertical	12	2.06	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

16/01/2019



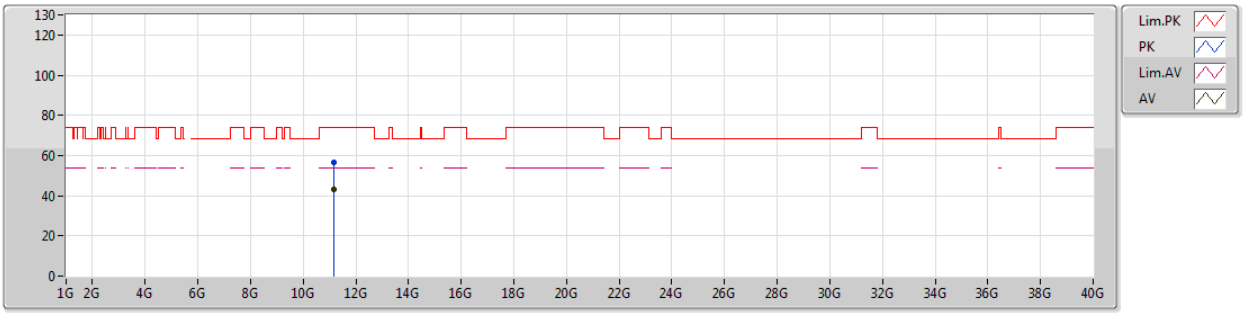
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4591G	59.76	74.00	-14.24	6.57	3	Horizontal	313	2.15	-
AV	5.4453G	47.57	54.00	-6.43	6.58	3	Horizontal	313	2.15	-
PK	5.4675G	59.76	68.20	-8.44	6.58	3	Horizontal	313	2.15	-
PK	5.5818G	107.11	Inf	-Inf	6.57	3	Horizontal	313	2.15	-
AV	5.5806G	96.26	Inf	-Inf	6.57	3	Horizontal	313	2.15	-
PK	5.727G	57.97	68.20	-10.23	6.69	3	Horizontal	313	2.15	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

17/01/2019



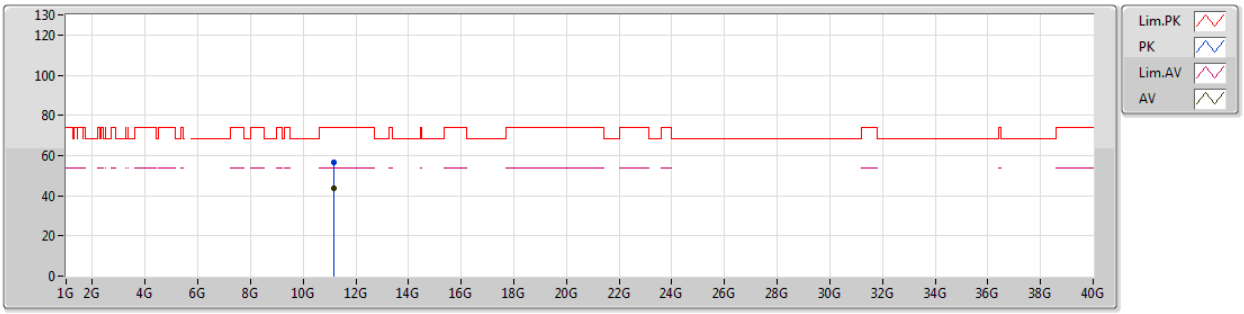
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.15811G	56.47	74.00	-17.53	16.41	3	Vertical	7	1.50	-
AV	11.16325G	43.11	54.00	-10.89	16.42	3	Vertical	7	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

17/01/2019



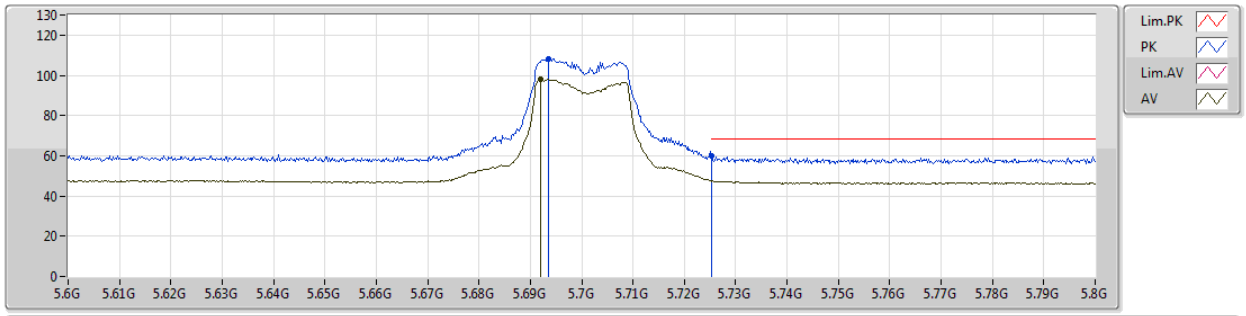
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.16282G	56.44	74.00	-17.56	16.42	3	Horizontal	300	2.43	-
AV	11.16013G	43.43	54.00	-10.57	16.42	3	Horizontal	300	2.43	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

16/01/2019



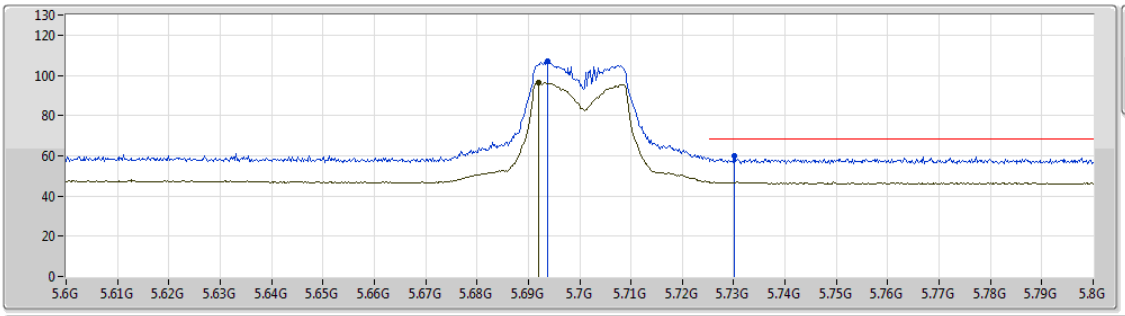
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6936G	108.32	Inf	-Inf	6.66	3	Vertical	31	1.99	-
AV	5.692G	98.02	Inf	-Inf	6.66	3	Vertical	31	1.99	-
PK	5.7254G	59.81	68.20	-8.39	6.69	3	Vertical	31	1.99	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

16/01/2019



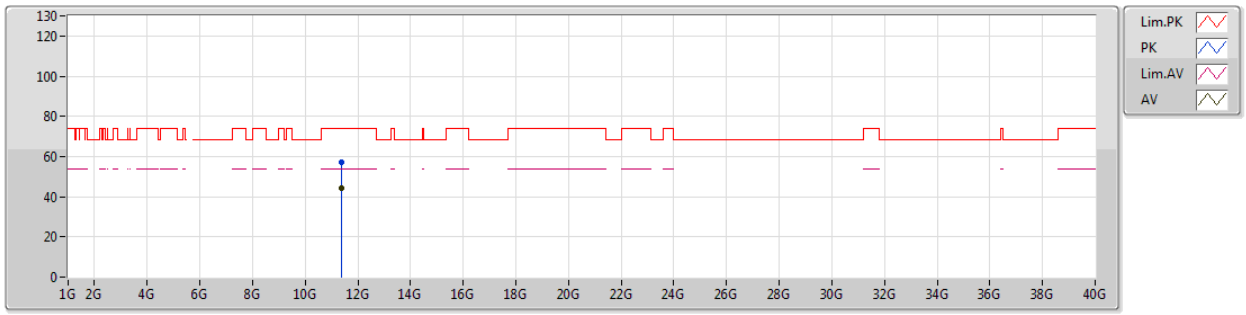
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6938G	107.06	Inf	-Inf	6.66	3	Horizontal	321	2.39	-
AV	5.692G	96.43	Inf	-Inf	6.66	3	Horizontal	321	2.39	-
PK	5.7302G	60.02	68.20	-8.18	6.69	3	Horizontal	321	2.39	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

17/01/2019



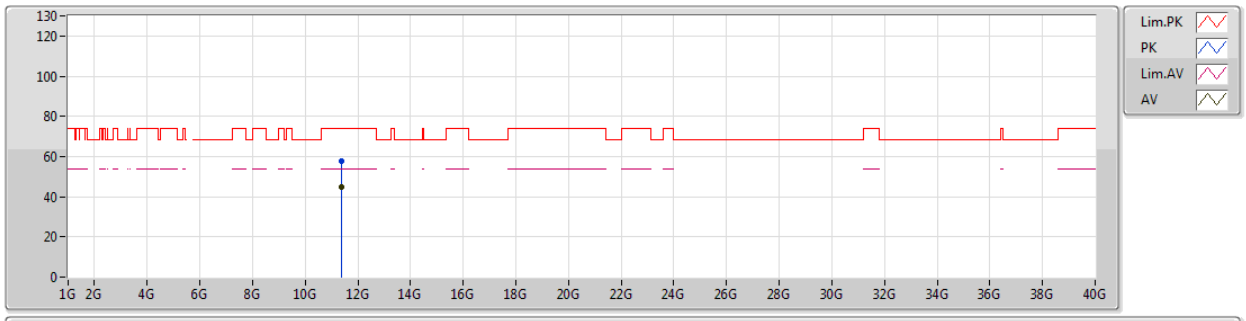
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.39905G	57.31	74.00	-16.69	16.99	3	Vertical	190	2.23	-
AV	11.40007G	44.26	54.00	-9.74	16.99	3	Vertical	190	2.23	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

17/01/2019



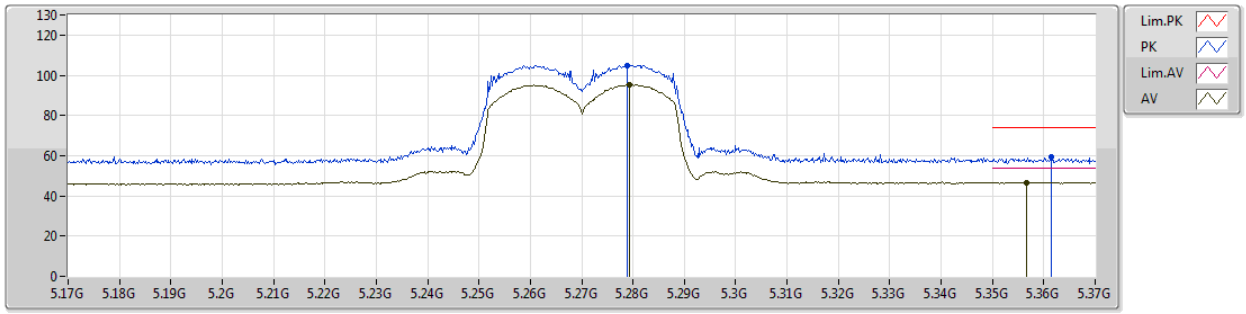
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.39899G	57.61	74.00	-16.39	16.99	3	Horizontal	356	1.65	-
AV	11.39995G	44.78	54.00	-9.22	16.99	3	Horizontal	356	1.65	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

16/01/2019



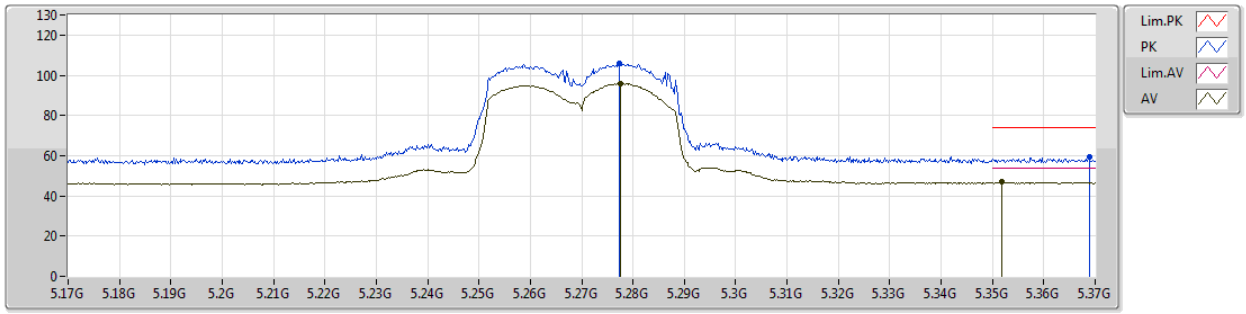
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2788G	104.99	Inf	-Inf	6.41	3	Vertical	24	1.03	-
AV	5.2794G	95.48	Inf	-Inf	6.41	3	Vertical	24	1.03	-
PK	5.3614G	59.14	74.00	-14.86	6.51	3	Vertical	24	1.03	-
AV	5.3566G	46.73	54.00	-7.27	6.50	3	Vertical	24	1.03	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

16/01/2019



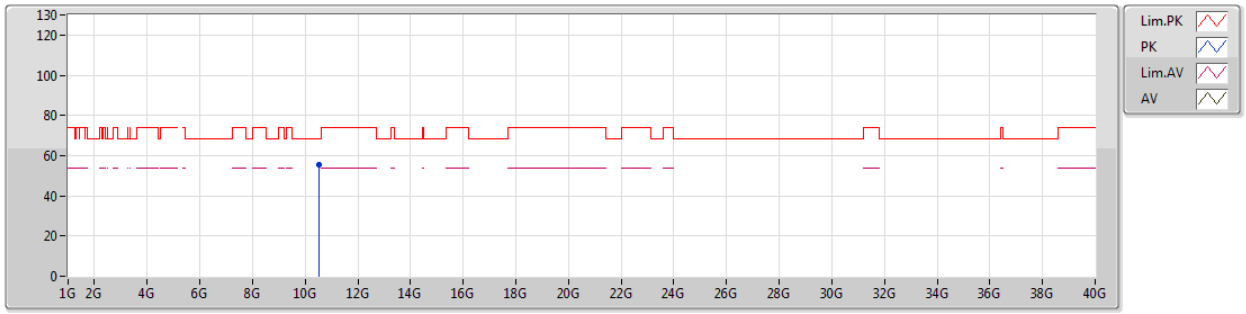
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2774G	105.88	Inf	-Inf	6.41	3	Horizontal	34	2.20	-
AV	5.2776G	95.86	Inf	-Inf	6.41	3	Horizontal	34	2.20	-
PK	5.3688G	59.28	74.00	-14.72	6.52	3	Horizontal	34	2.20	-
AV	5.3518G	46.81	54.00	-7.19	6.50	3	Horizontal	34	2.20	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

17/01/2019



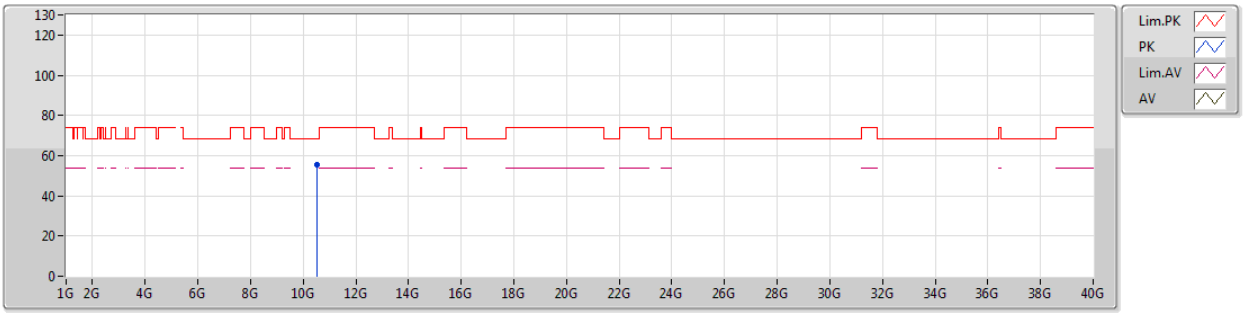
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.53847G	55.39	68.20	-12.81	14.77	3	Vertical	35	1.52	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

17/01/2019



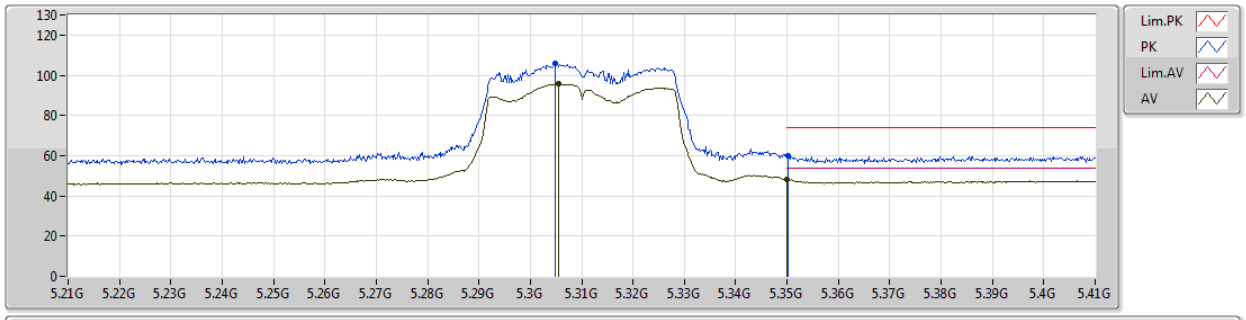
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.54482G	55.52	68.20	-12.68	14.79	3	Horizontal	135	1.36	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

16/01/2019



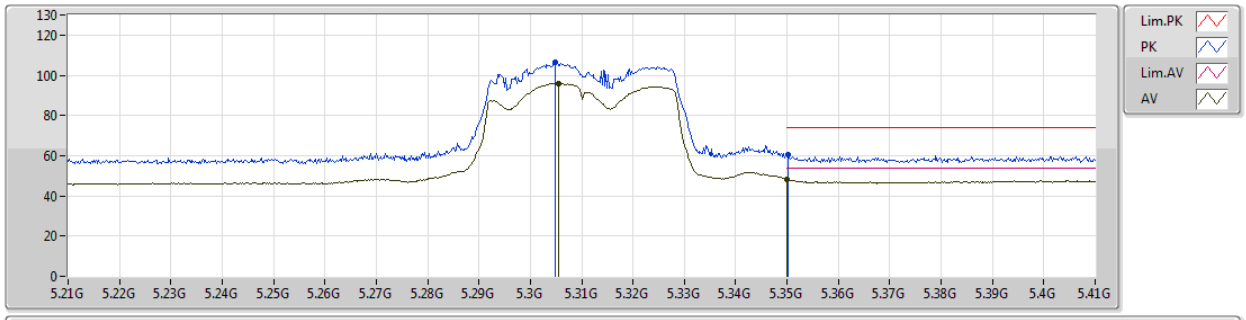
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3048G	105.77	Inf	-Inf	6.44	3	Vertical	15	2.10	-
AV	5.3056G	95.71	Inf	-Inf	6.45	3	Vertical	15	2.10	-
PK	5.3502G	60.04	74.00	-13.96	6.50	3	Vertical	15	2.10	-
AV	5.35G	48.10	54.00	-5.90	6.50	3	Vertical	15	2.10	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

16/01/2019



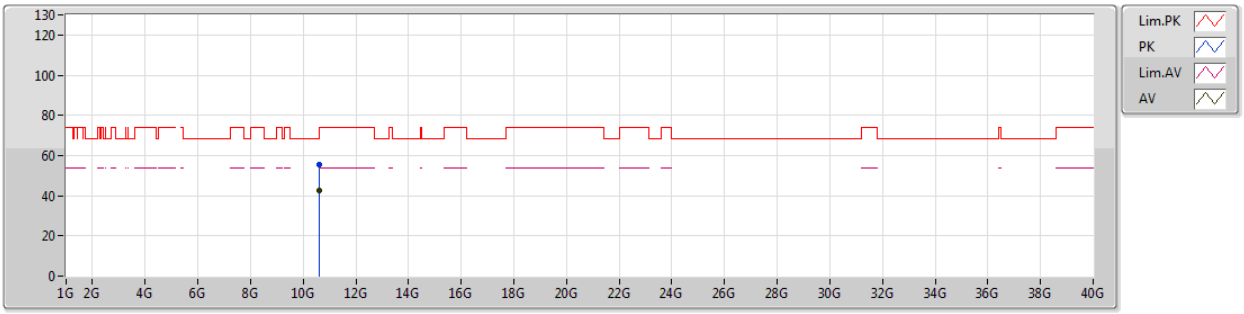
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3048G	106.32	Inf	-Inf	6.44	3	Horizontal	25	2.23	-
AV	5.3056G	96.09	Inf	-Inf	6.45	3	Horizontal	25	2.23	-
PK	5.3502G	60.34	74.00	-13.66	6.50	3	Horizontal	25	2.23	-
AV	5.35G	48.27	54.00	-5.73	6.50	3	Horizontal	25	2.23	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

17/01/2019



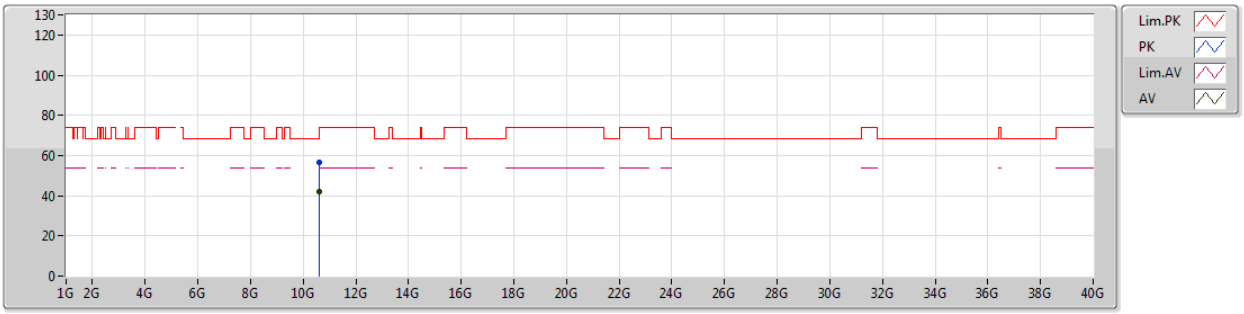
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.62077G	55.74	74.00	-18.26	14.99	3	Vertical	112	2.81	-
AV	10.62007G	42.34	54.00	-11.66	14.99	3	Vertical	112	2.81	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

17/01/2019



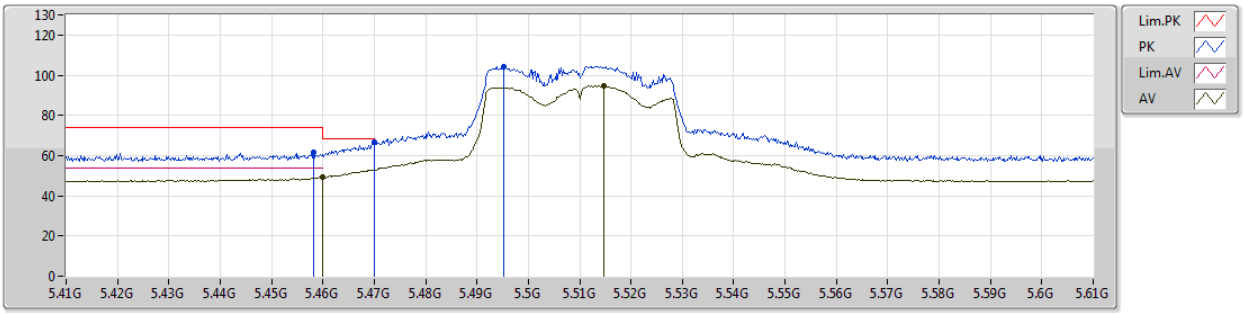
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.62433G	56.47	74.00	-17.53	15.00	3	Horizontal	278	1.50	-
AV	10.61624G	42.26	54.00	-11.74	14.99	3	Horizontal	278	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

16/01/2019



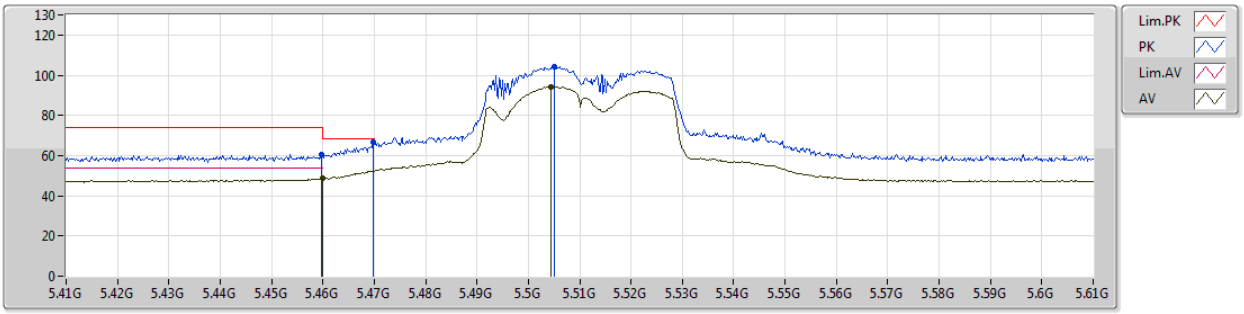
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4582G	61.38	74.00	-12.62	6.57	3	Vertical	0	1.03	-
AV	5.46G	49.17	54.00	-4.83	6.57	3	Vertical	0	1.03	-
PK	5.47G	66.87	68.20	-1.33	6.58	3	Vertical	0	1.03	-
PK	5.4952G	104.32	Inf	-Inf	6.59	3	Vertical	0	1.03	-
AV	5.5148G	94.65	Inf	-Inf	6.59	3	Vertical	0	1.03	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

16/01/2019



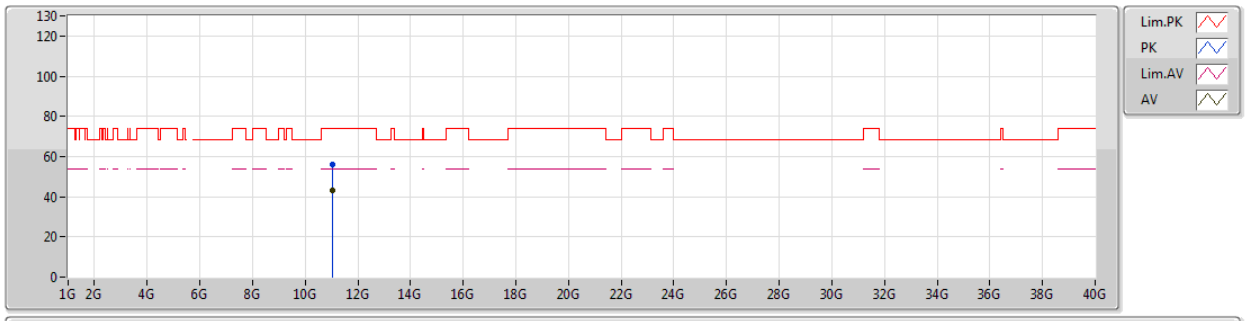
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4598G	60.63	74.00	-13.37	6.57	3	Horizontal	331	2.12	-
AV	5.46G	48.58	54.00	-5.42	6.57	3	Horizontal	331	2.12	-
PK	5.4698G	66.75	68.20	-1.45	6.58	3	Horizontal	331	2.12	-
PK	5.505G	104.46	Inf	-Inf	6.59	3	Horizontal	331	2.12	-
AV	5.5044G	94.36	Inf	-Inf	6.59	3	Horizontal	331	2.12	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

17/01/2019



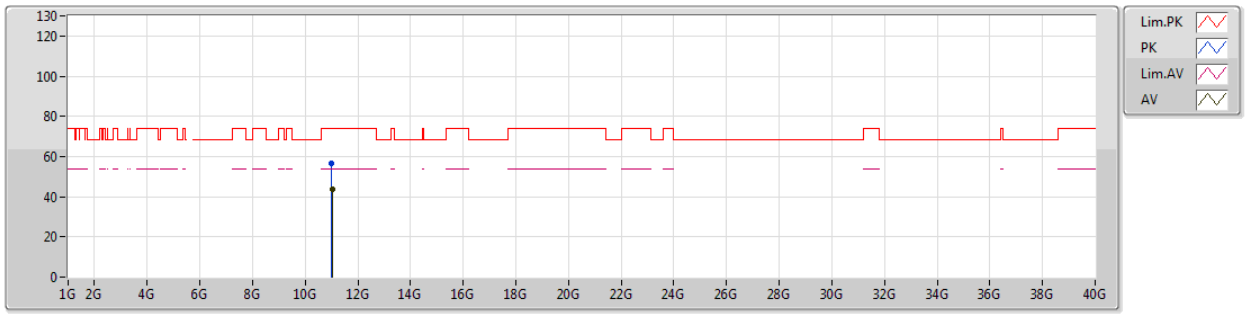
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02323G	56.24	74.00	-17.76	16.10	3	Vertical	2	1.50	-
AV	11.01849G	43.13	54.00	-10.87	16.09	3	Vertical	2	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

17/01/2019



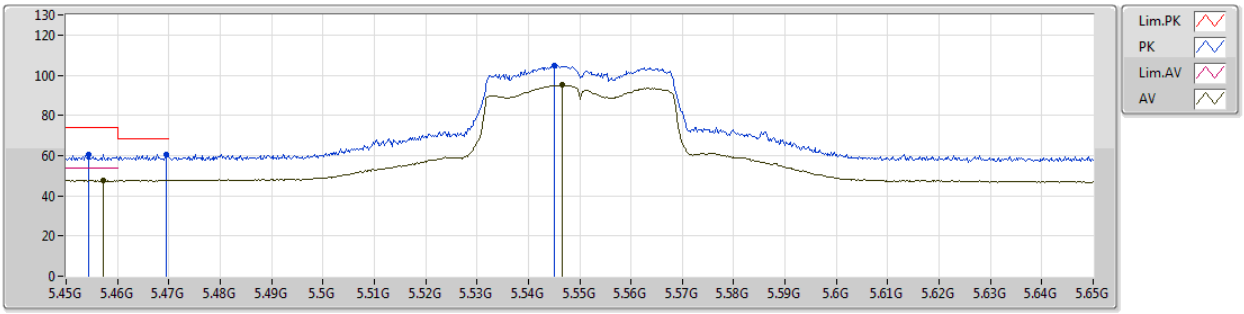
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.01519G	56.55	74.00	-17.45	16.08	3	Horizontal	357	1.94	-
AV	11.02013G	43.66	54.00	-10.34	16.09	3	Horizontal	357	1.94	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

16/01/2019



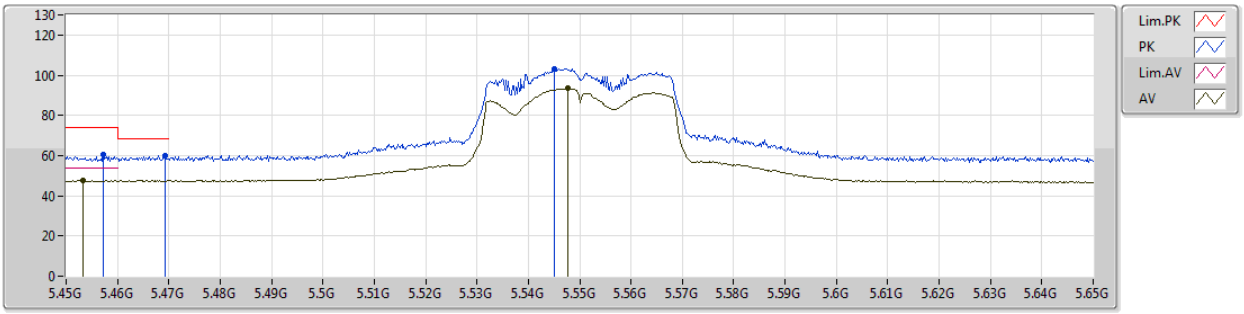
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4544G	60.61	74.00	-13.39	6.57	3	Vertical	47	1.02	-
AV	5.4572G	47.90	54.00	-6.10	6.57	3	Vertical	47	1.02	-
PK	5.4694G	60.47	68.20	-7.73	6.58	3	Vertical	47	1.02	-
PK	5.545G	105.06	Inf	-Inf	6.59	3	Vertical	47	1.02	-
AV	5.5466G	95.02	Inf	-Inf	6.59	3	Vertical	47	1.02	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

16/01/2019



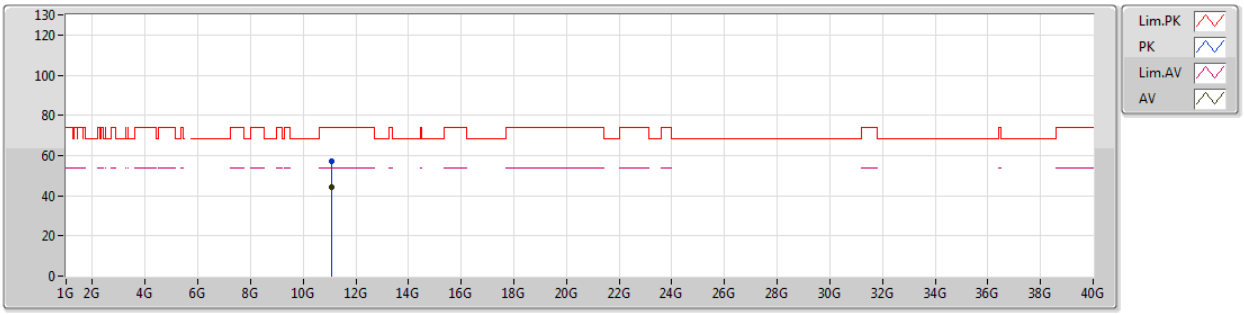
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4572G	60.27	74.00	-13.73	6.57	3	Horizontal	340	2.42	-
AV	5.4532G	47.50	54.00	-6.50	6.57	3	Horizontal	340	2.42	-
PK	5.4692G	60.23	68.20	-7.97	6.58	3	Horizontal	340	2.42	-
PK	5.545G	103.17	Inf	-Inf	6.59	3	Horizontal	340	2.42	-
AV	5.5478G	93.46	Inf	-Inf	6.59	3	Horizontal	340	2.42	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

17/01/2019



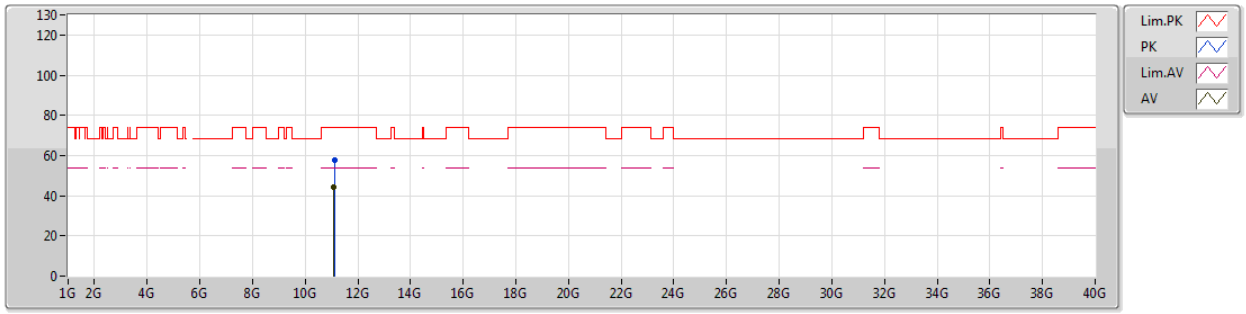
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.09795G	57.15	74.00	-16.85	16.27	3	Vertical	346	2.76	-
AV	11.10017G	44.22	54.00	-9.78	16.27	3	Vertical	346	2.76	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

17/01/2019



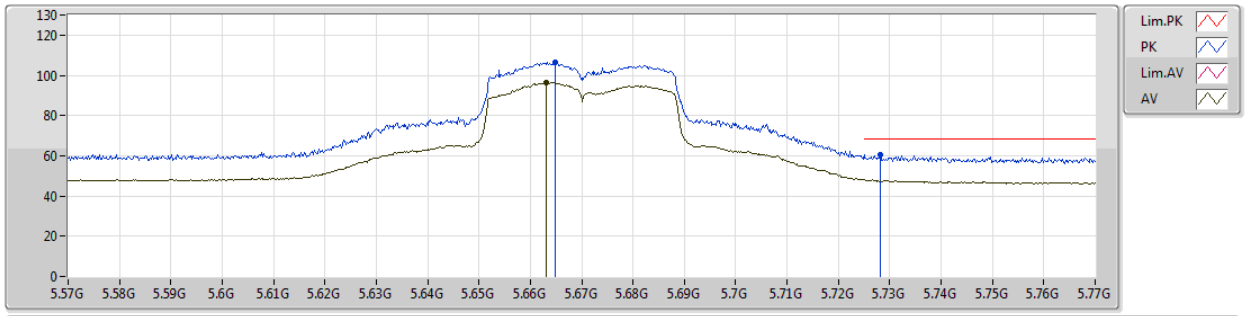
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.10336G	57.47	74.00	-16.53	16.28	3	Horizontal	285	2.99	-
AV	11.10006G	44.09	54.00	-9.91	16.27	3	Horizontal	285	2.99	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

16/01/2019



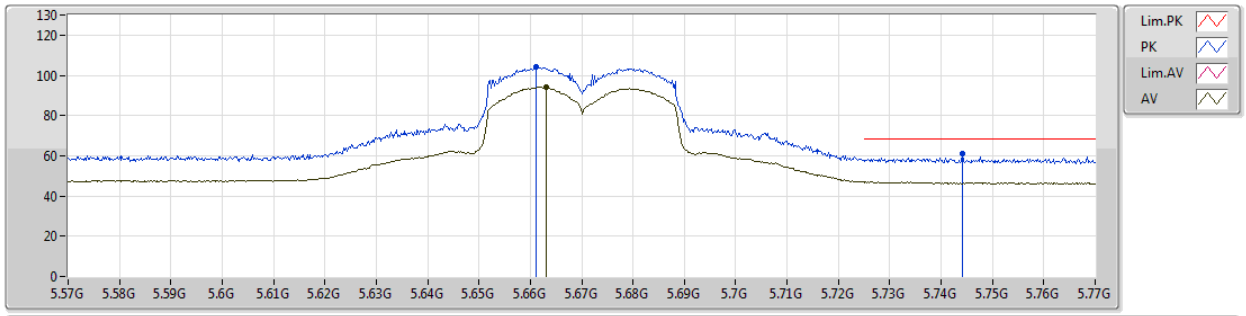
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6648G	106.39	Inf	-Inf	6.63	3	Vertical	38	2.00	-
AV	5.6632G	96.53	Inf	-Inf	6.63	3	Vertical	38	2.00	-
PK	5.7282G	60.52	68.20	-7.68	6.69	3	Vertical	38	2.00	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

16/01/2019



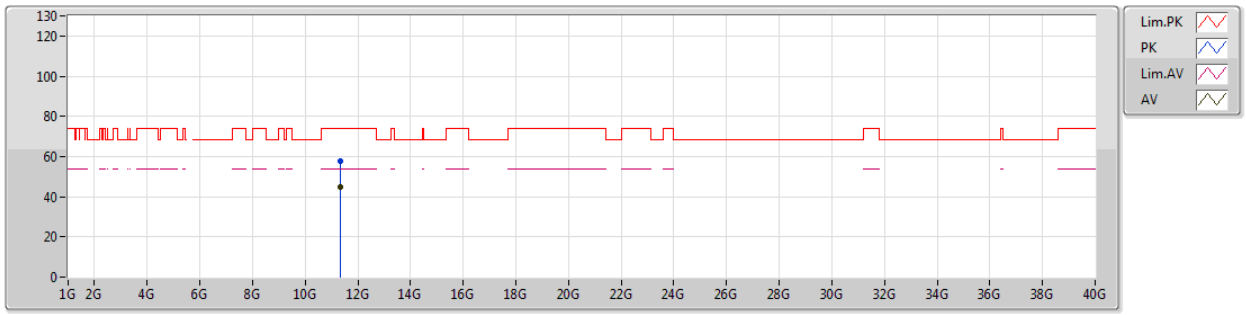
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6612G	104.06	Inf	-Inf	6.63	3	Horizontal	65	2.76	-
AV	5.663G	94.24	Inf	-Inf	6.63	3	Horizontal	65	2.76	-
PK	5.7442G	60.99	68.20	-7.21	6.71	3	Horizontal	65	2.76	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

17/01/2019



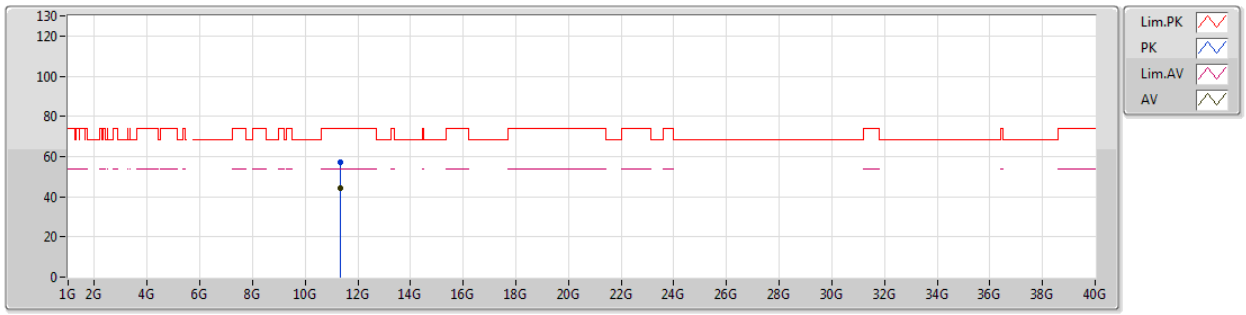
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33988G	57.90	74.00	-16.10	16.85	3	Vertical	343	2.95	-
AV	11.34014G	44.84	54.00	-9.16	16.85	3	Vertical	343	2.95	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

17/01/2019



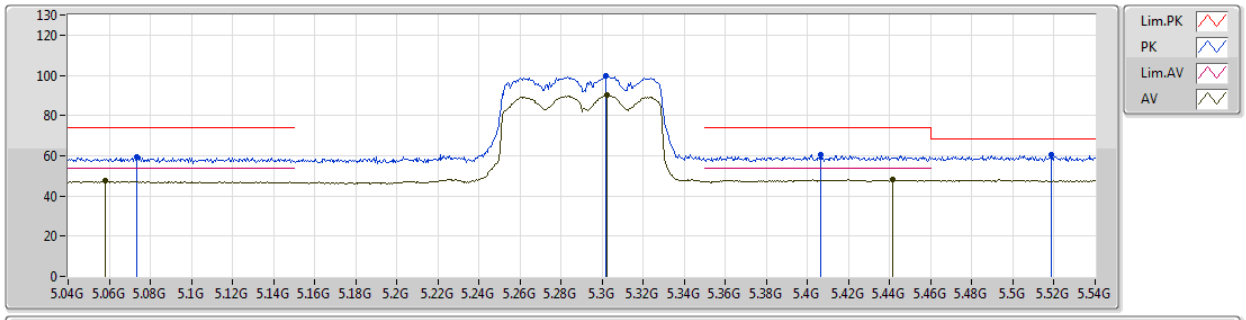
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.34011G	57.01	74.00	-16.99	16.85	3	Horizontal	356	1.74	-
AV	11.34028G	44.30	54.00	-9.70	16.85	3	Horizontal	356	1.74	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

17/01/2019



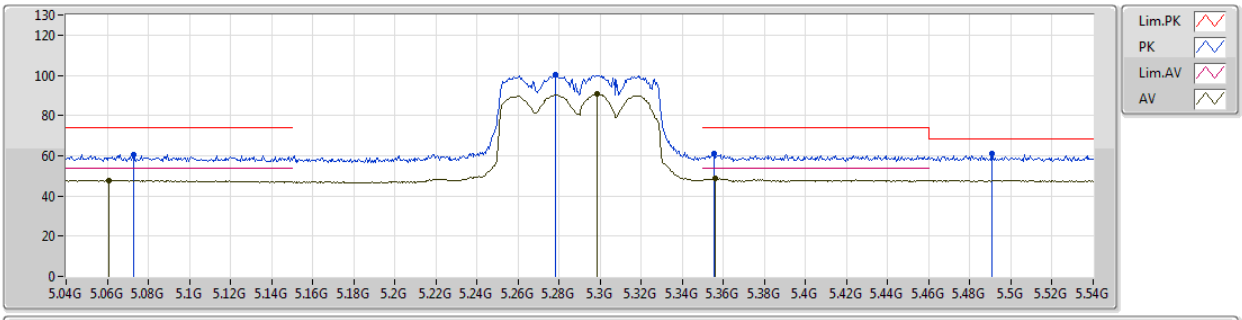
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0735G	59.32	74.00	-14.68	6.14	3	Vertical	36	2.01	-
AV	5.058G	47.44	54.00	-6.56	6.12	3	Vertical	36	2.01	-
PK	5.302G	99.49	Inf	-Inf	6.44	3	Vertical	36	2.01	-
AV	5.3025G	90.15	Inf	-Inf	6.44	3	Vertical	36	2.01	-
PK	5.4065G	60.67	74.00	-13.33	6.56	3	Vertical	36	2.01	-
AV	5.4415G	48.12	54.00	-5.88	6.58	3	Vertical	36	2.01	-
PK	5.5185G	60.38	68.20	-7.82	6.59	3	Vertical	36	2.01	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

17/01/2019



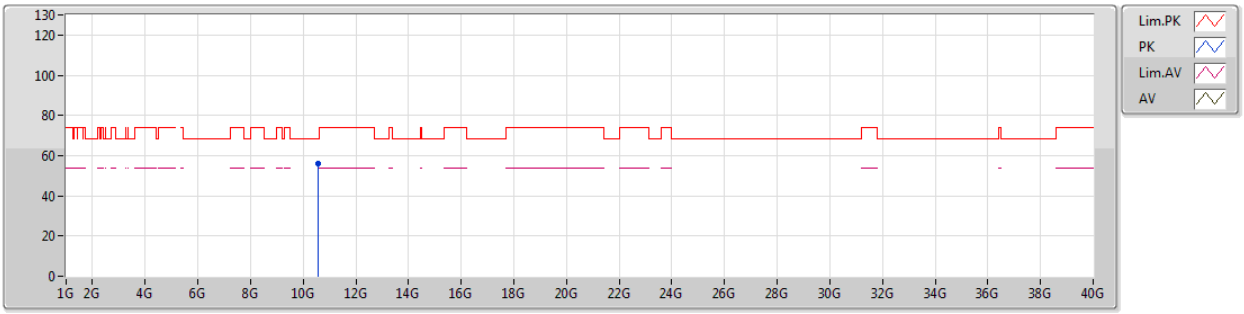
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.073G	60.66	74.00	-13.34	6.14	3	Horizontal	34	2.12	-
AV	5.061G	47.82	54.00	-6.18	6.12	3	Horizontal	34	2.12	-
PK	5.278G	100.35	Inf	-Inf	6.41	3	Horizontal	34	2.12	-
AV	5.2985G	90.57	Inf	-Inf	6.44	3	Horizontal	34	2.12	-
PK	5.3555G	61.29	74.00	-12.71	6.50	3	Horizontal	34	2.12	-
AV	5.356G	48.86	54.00	-5.14	6.50	3	Horizontal	34	2.12	-
PK	5.4905G	61.06	68.20	-7.14	6.59	3	Horizontal	34	2.12	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

17/01/2019



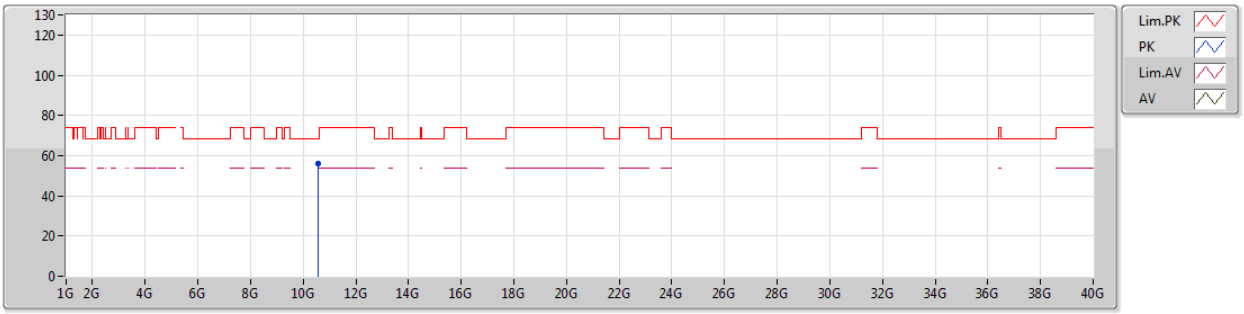
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.57644G	56.30	68.20	-11.90	14.87	3	Vertical	334	1.79	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

17/01/2019



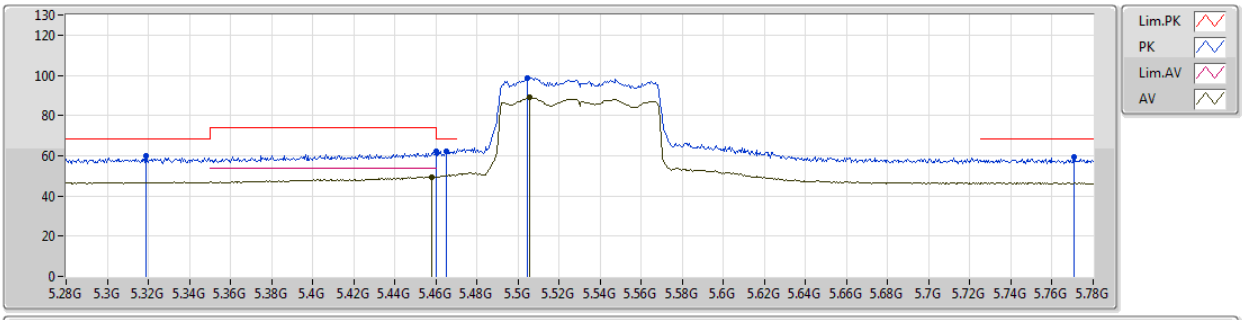
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.57897G	55.88	68.20	-12.32	14.88	3	Horizontal	21	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

17/01/2019



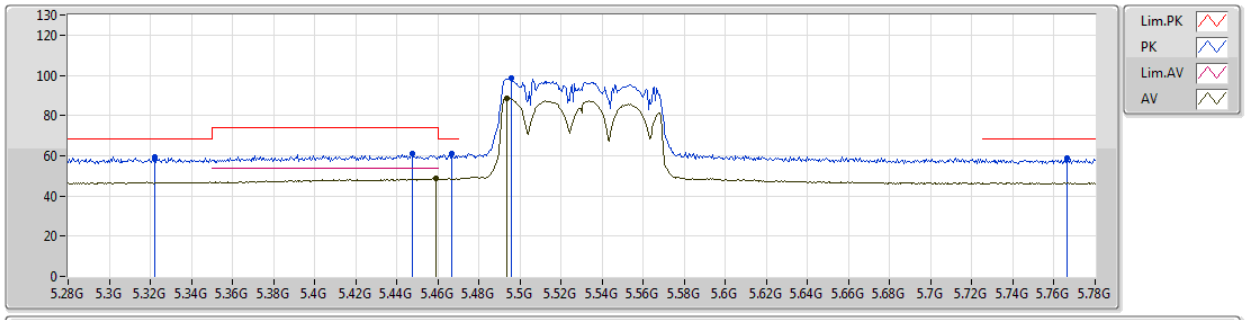
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.319G	59.98	68.20	-8.22	6.47	3	Vertical	47	2.10	-
PK	5.46G	61.96	74.00	-12.04	6.57	3	Vertical	47	2.10	-
AV	5.458G	49.51	54.00	-4.49	6.57	3	Vertical	47	2.10	-
PK	5.465G	62.34	68.20	-5.86	6.58	3	Vertical	47	2.10	-
PK	5.5045G	98.66	Inf	-Inf	6.59	3	Vertical	47	2.10	-
AV	5.5055G	88.92	Inf	-Inf	6.59	3	Vertical	47	2.10	-
PK	5.7705G	59.41	68.20	-8.79	6.74	3	Vertical	47	2.10	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

17/01/2019



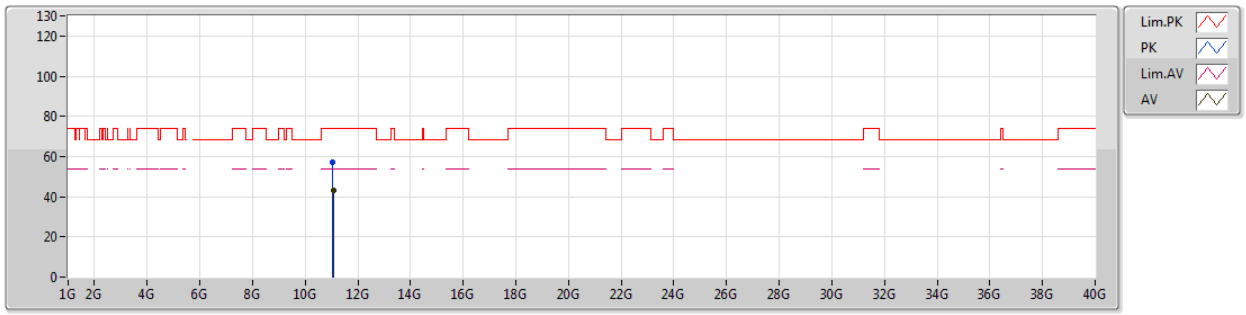
EUT Y_2TX
Setting 24
03-L-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.322G	59.61	68.20	-8.59	6.47	3	Horizontal	18	2.30	-
PK	5.4475G	61.08	74.00	-12.92	6.58	3	Horizontal	18	2.30	-
AV	5.459G	48.58	54.00	-5.42	6.57	3	Horizontal	18	2.30	-
PK	5.4665G	61.03	68.20	-7.17	6.58	3	Horizontal	18	2.30	-
PK	5.4955G	98.37	Inf	-Inf	6.59	3	Horizontal	18	2.30	-
AV	5.4935G	88.64	Inf	-Inf	6.59	3	Horizontal	18	2.30	-
PK	5.7665G	58.69	68.20	-9.51	6.73	3	Horizontal	18	2.30	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

17/01/2019



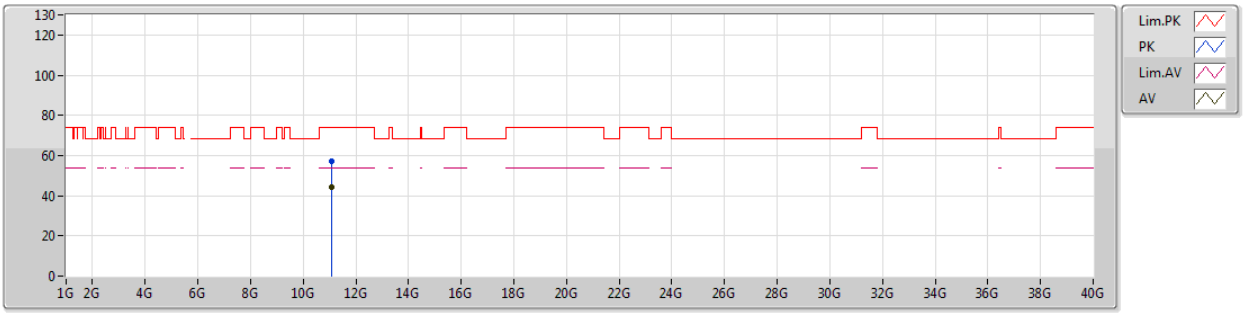
EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.05548G	56.96	74.00	-17.04	16.17	3	Vertical	118	1.50	-
AV	11.06006G	43.40	54.00	-10.60	16.19	3	Vertical	118	1.50	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

17/01/2019



EUT Y_2TX
Setting 24
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.06478G	57.30	74.00	-16.70	16.20	3	Horizontal	353	1.93	-
AV	11.06028G	44.05	54.00	-9.95	16.19	3	Horizontal	353	1.93	-

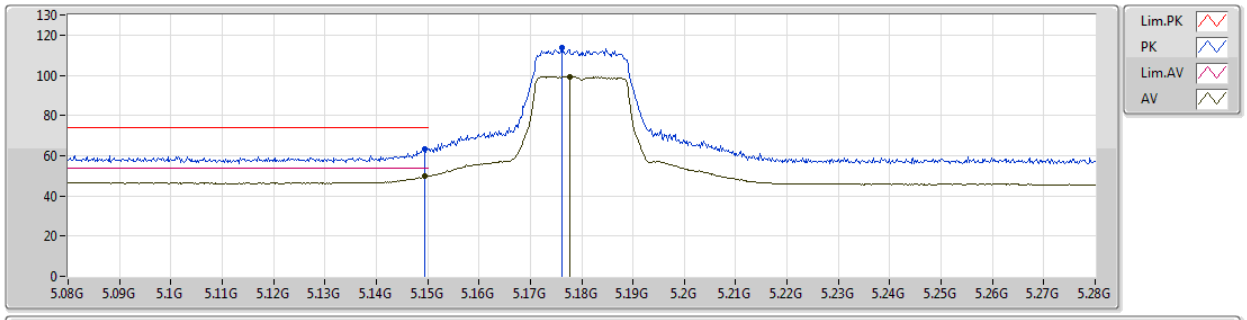
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	Pass	PK	5.4684G	68.15	68.20	-0.05	6.58	3	Horizontal	198	2.96	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

22/01/2019

5180MHz_TX



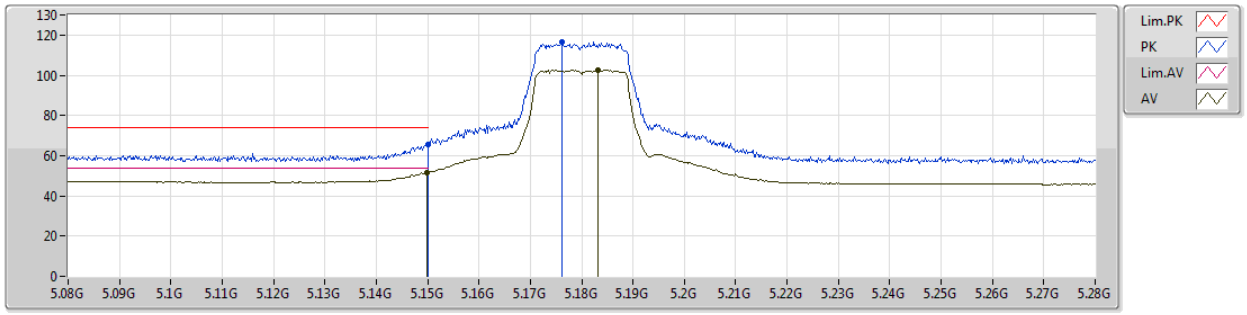
EUT Y_2TX
Setting 21.5
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1494G	63.48	74.00	-10.52	6.24	3	Vertical	177	1.91	-
AV	5.1494G	49.76	54.00	-4.24	6.24	3	Vertical	177	1.91	-
PK	5.1762G	113.71	Inf	-Inf	6.26	3	Vertical	177	1.91	-
AV	5.1778G	99.45	Inf	-Inf	6.26	3	Vertical	177	1.91	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

22/01/2019



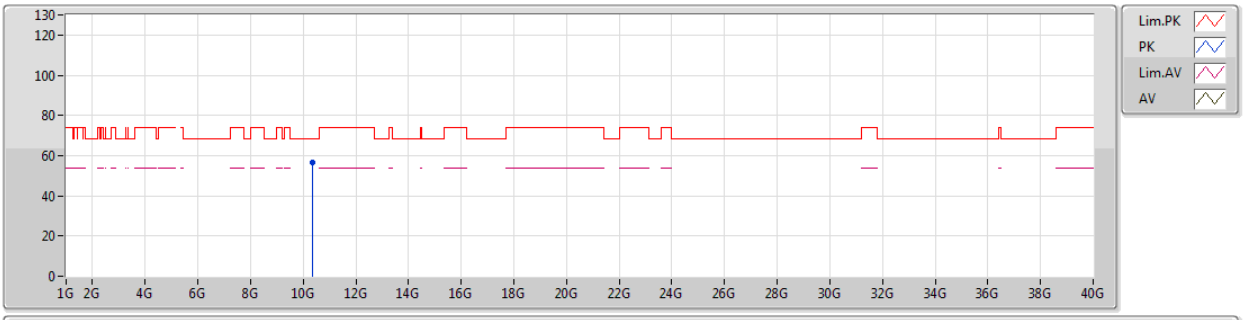
EUT Y_2TX
Setting 21.5
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.15G	65.83	74.00	-8.17	6.24	3	Horizontal	207	1.77	-
AV	5.1498G	51.60	54.00	-2.40	6.24	3	Horizontal	207	1.77	-
PK	5.1762G	116.76	Inf	-Inf	6.26	3	Horizontal	207	1.77	-
AV	5.1832G	102.45	Inf	-Inf	6.27	3	Horizontal	207	1.77	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

23/01/2019



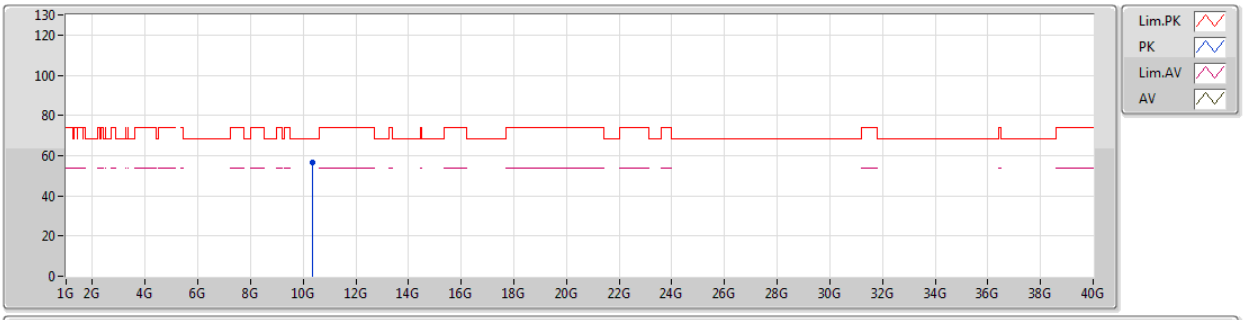
EUT Y_2TX
Setting 21.5
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.35575G	56.47	68.20	-11.73	14.27	3	Vertical	12	1.61	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

23/01/2019



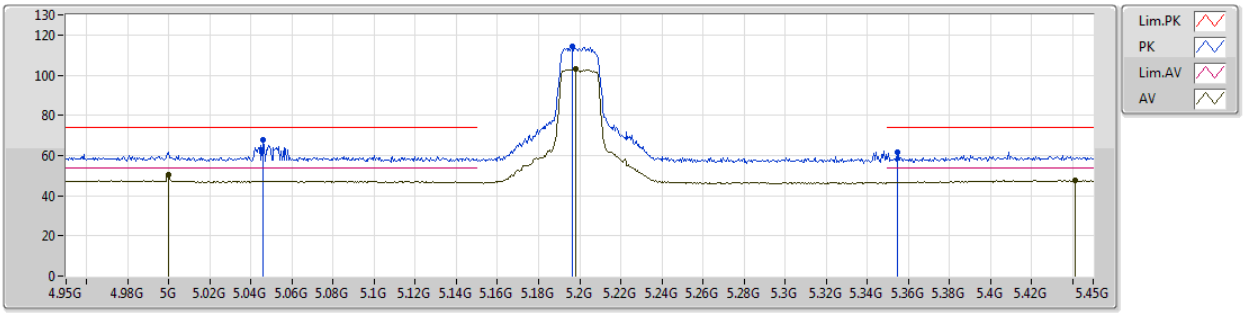
EUT Y_2TX
Setting 21.5
03-P-2
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.36753G	56.70	68.20	-11.50	14.30	3	Horizontal	297	1.59	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

22/01/2019



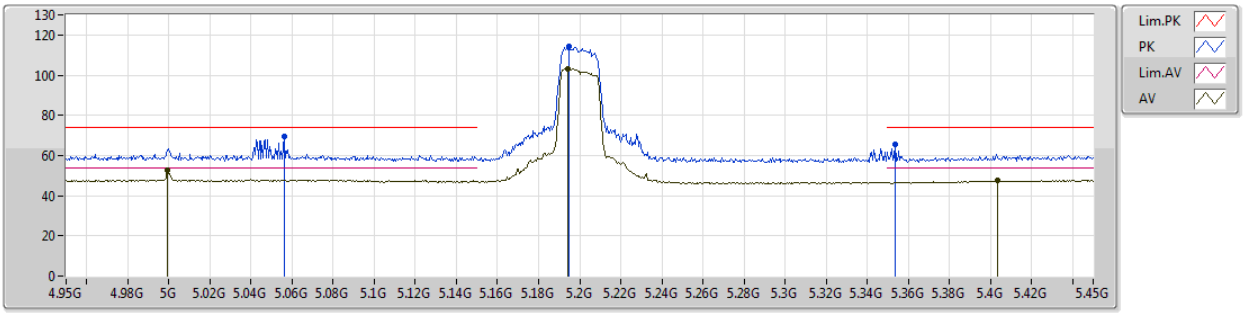
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.046G	67.58	74.00	-6.42	6.11	3	Vertical	183	1.95	-
AV	5G	50.63	54.00	-3.37	6.04	3	Vertical	183	1.95	-
PK	5.1965G	114.39	Inf	-Inf	6.29	3	Vertical	183	1.95	-
AV	5.198G	102.90	Inf	-Inf	6.29	3	Vertical	183	1.95	-
PK	5.3545G	61.61	74.00	-12.39	6.50	3	Vertical	183	1.95	-
AV	5.441G	47.64	54.00	-6.36	6.58	3	Vertical	183	1.95	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

22/01/2019



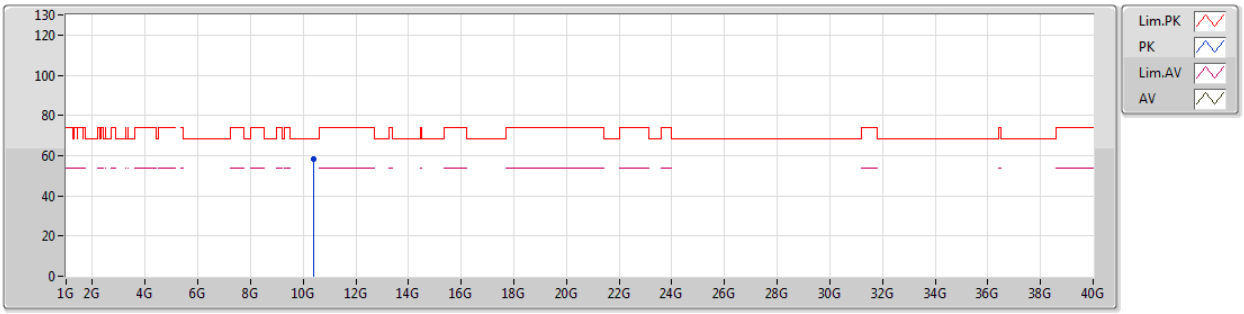
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.056G	69.39	74.00	-4.61	6.12	3	Horizontal	203	1.90	-
AV	4.9995G	52.45	54.00	-1.55	6.04	3	Horizontal	203	1.90	-
PK	5.195G	114.25	Inf	-Inf	6.29	3	Horizontal	203	1.90	-
AV	5.1945G	103.10	Inf	-Inf	6.29	3	Horizontal	203	1.90	-
PK	5.3535G	65.36	74.00	-8.64	6.50	3	Horizontal	203	1.90	-
AV	5.4035G	47.72	54.00	-6.28	6.56	3	Horizontal	203	1.90	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

23/01/2019



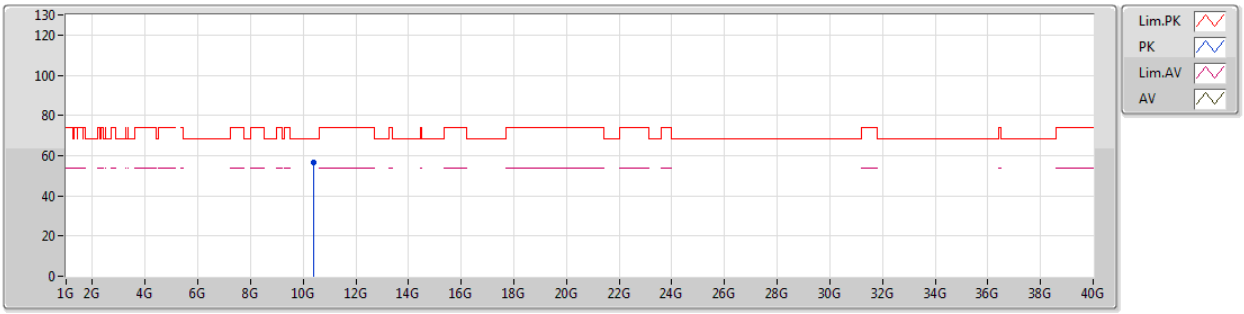
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.40536G	58.50	68.20	-9.70	14.41	3	Vertical	173	1.56	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

23/01/2019



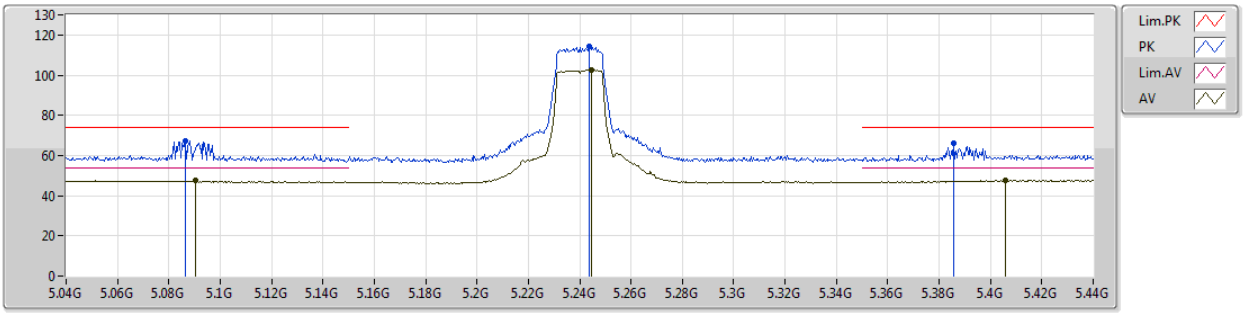
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.40932G	56.73	68.20	-11.47	14.41	3	Horizontal	16	1.51	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

22/01/2019



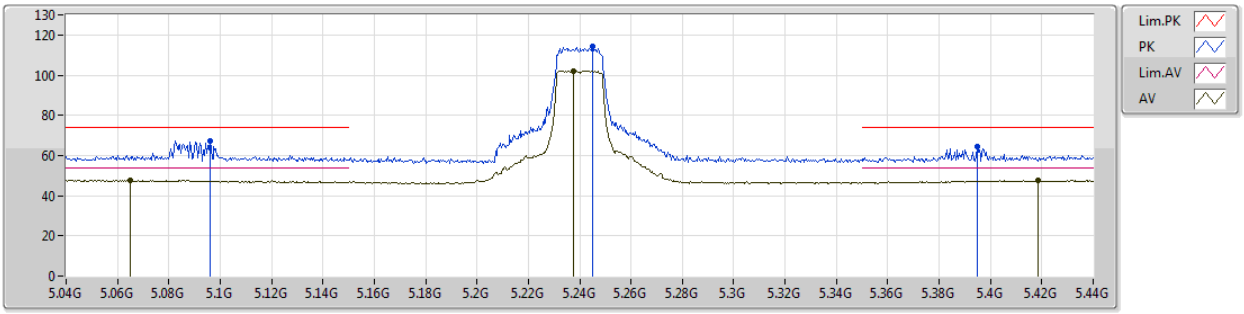
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0864G	67.05	74.00	-6.95	6.16	3	Vertical	194	1.63	-
AV	5.0904G	47.39	54.00	-6.61	6.17	3	Vertical	194	1.63	-
PK	5.2436G	114.30	Inf	-Inf	6.36	3	Vertical	194	1.63	-
AV	5.2448G	102.49	Inf	-Inf	6.36	3	Vertical	194	1.63	-
PK	5.3856G	66.14	74.00	-7.86	6.54	3	Vertical	194	1.63	-
AV	5.406G	47.65	54.00	-6.35	6.56	3	Vertical	194	1.63	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

22/01/2019



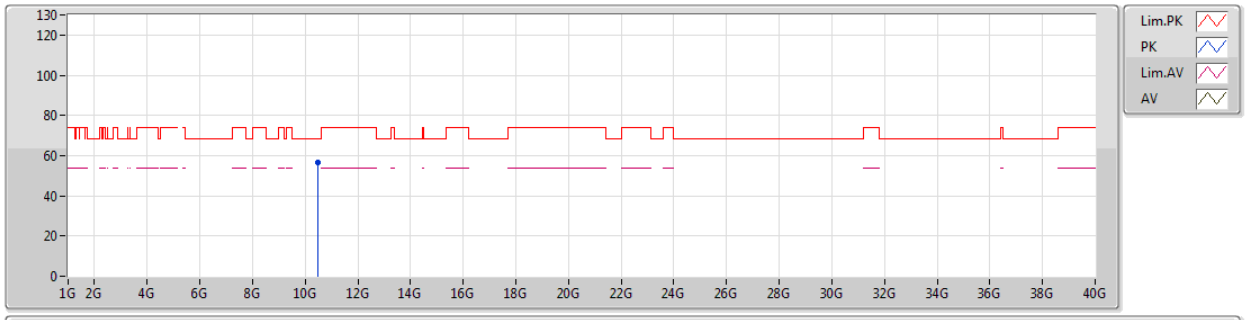
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.096G	67.07	74.00	-6.93	6.18	3	Horizontal	214	2.04	-
AV	5.0648G	47.73	54.00	-6.27	6.13	3	Horizontal	214	2.04	-
PK	5.2452G	114.05	Inf	-Inf	6.36	3	Horizontal	214	2.04	-
AV	5.2376G	102.21	Inf	-Inf	6.35	3	Horizontal	214	2.04	-
PK	5.3948G	64.68	74.00	-9.32	6.56	3	Horizontal	214	2.04	-
AV	5.4184G	47.58	54.00	-6.42	6.57	3	Horizontal	214	2.04	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

23/01/2019



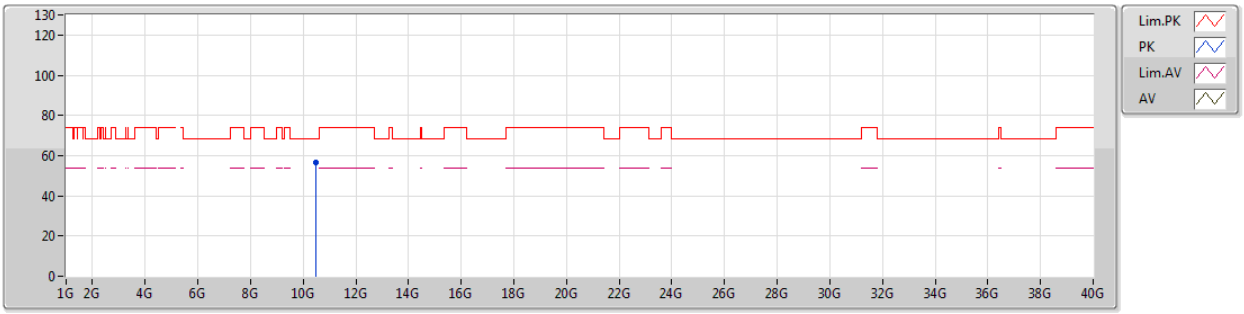
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.48014G	56.59	68.20	-11.61	14.62	3	Vertical	12	1.14	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

23/01/2019



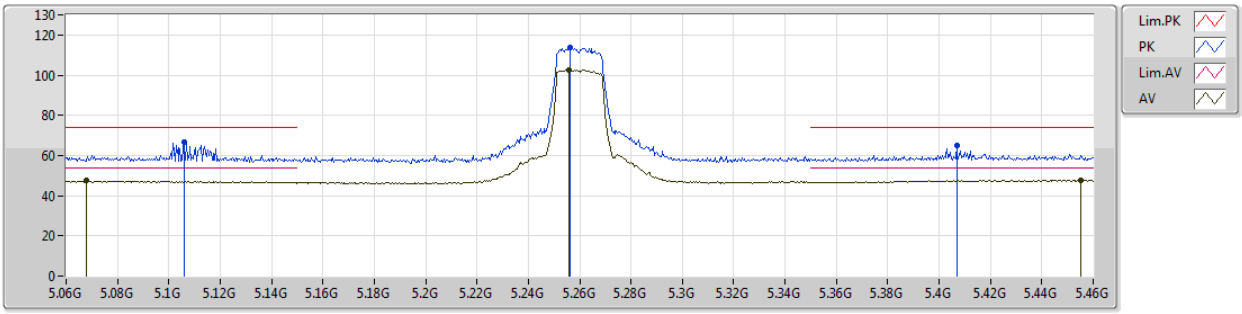
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.4785G	56.42	68.20	-11.78	14.61	3	Horizontal	201	1.37	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

22/01/2019



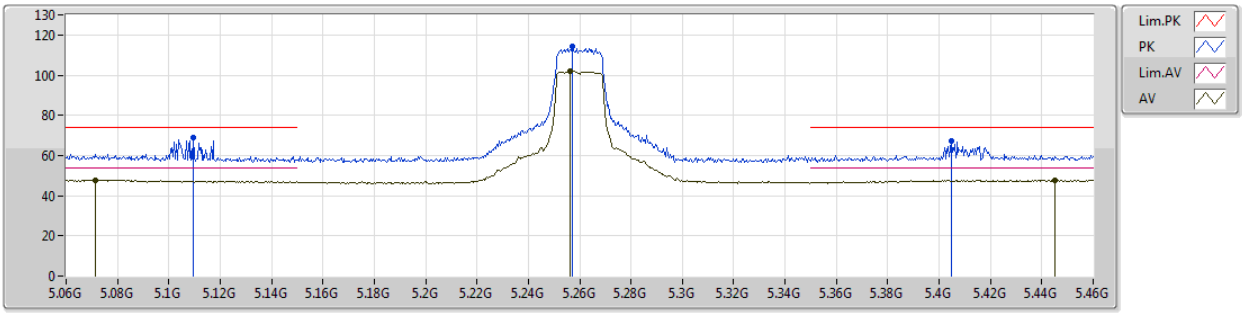
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.106G	66.91	74.00	-7.09	6.18	3	Vertical	195	1.71	-
AV	5.068G	47.41	54.00	-6.59	6.14	3	Vertical	195	1.71	-
PK	5.2564G	113.93	Inf	-Inf	6.37	3	Vertical	195	1.71	-
AV	5.256G	102.48	Inf	-Inf	6.37	3	Vertical	195	1.71	-
PK	5.4068G	64.95	74.00	-9.05	6.56	3	Vertical	195	1.71	-
AV	5.4552G	47.73	54.00	-6.27	6.57	3	Vertical	195	1.71	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

22/01/2019



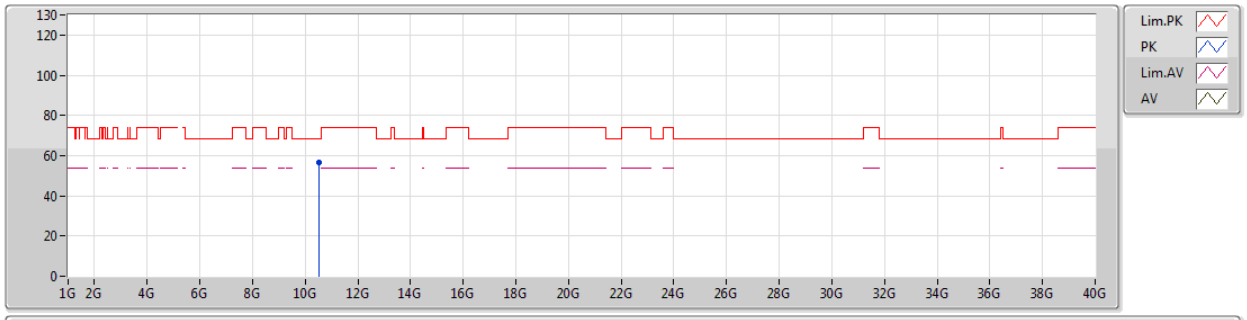
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1096G	69.07	74.00	-4.93	6.19	3	Horizontal	216	1.88	-
AV	5.0716G	47.84	54.00	-6.16	6.14	3	Horizontal	216	1.88	-
PK	5.2572G	114.05	Inf	-Inf	6.37	3	Horizontal	216	1.88	-
AV	5.2564G	102.18	Inf	-Inf	6.37	3	Horizontal	216	1.88	-
PK	5.4048G	66.97	74.00	-7.03	6.56	3	Horizontal	216	1.88	-
AV	5.4452G	47.77	54.00	-6.23	6.58	3	Horizontal	216	1.88	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

23/01/2019



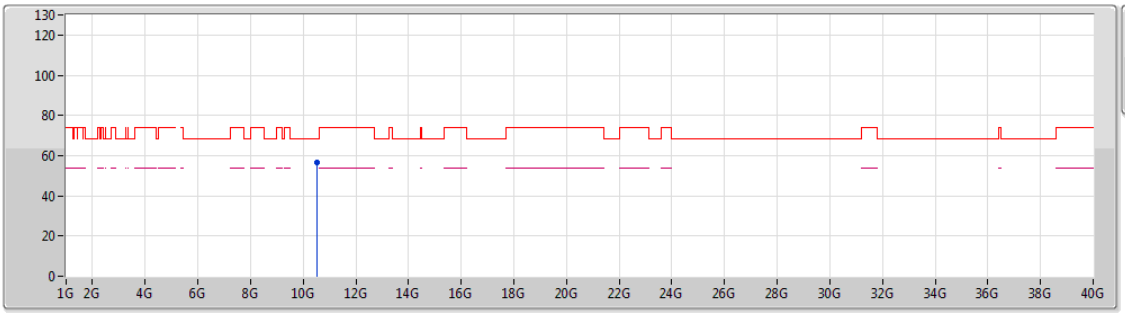
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.5292G	56.62	68.20	-11.58	14.75	3	Vertical	304	2.00	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz_TX

23/01/2019



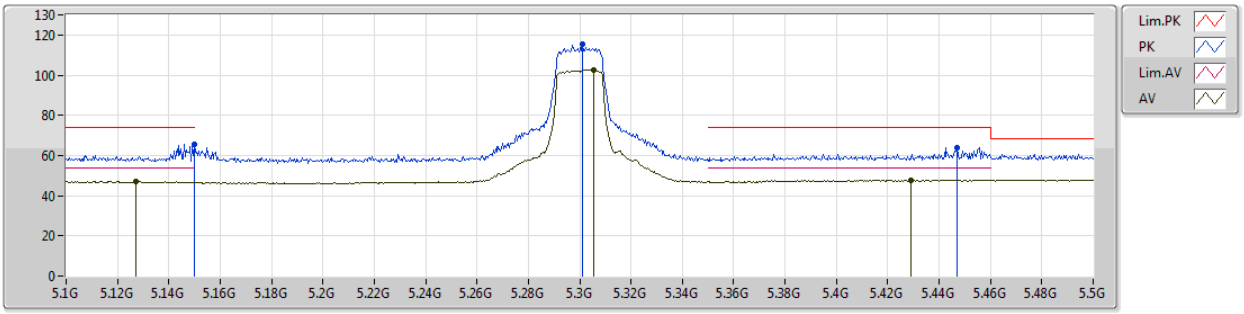
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.52768G	56.53	68.20	-11.67	14.74	3	Horizontal	350	1.38	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

22/01/2019



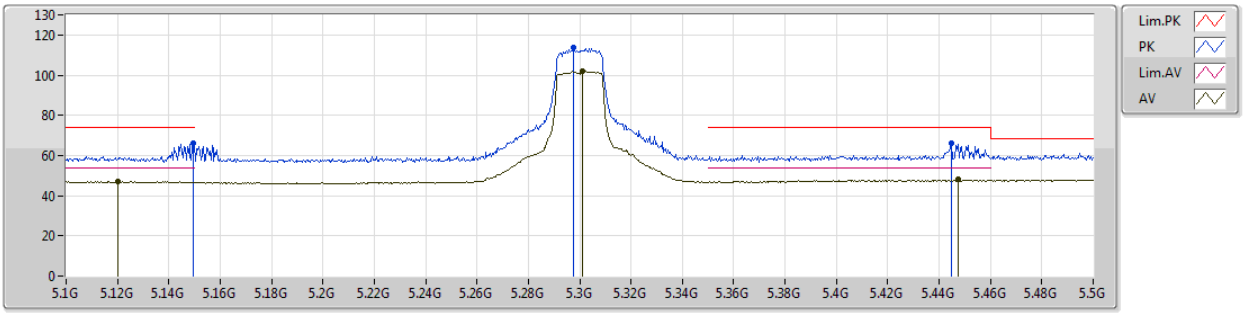
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.15G	65.69	74.00	-8.31	6.24	3	Vertical	196	1.50	-
AV	5.1272G	47.05	54.00	-6.95	6.21	3	Vertical	196	1.50	-
PK	5.3012G	115.16	Inf	-Inf	6.44	3	Vertical	196	1.50	-
AV	5.3056G	102.76	Inf	-Inf	6.45	3	Vertical	196	1.50	-
PK	5.4472G	63.83	74.00	-10.17	6.58	3	Vertical	196	1.50	-
AV	5.4292G	47.87	54.00	-6.13	6.57	3	Vertical	196	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

22/01/2019



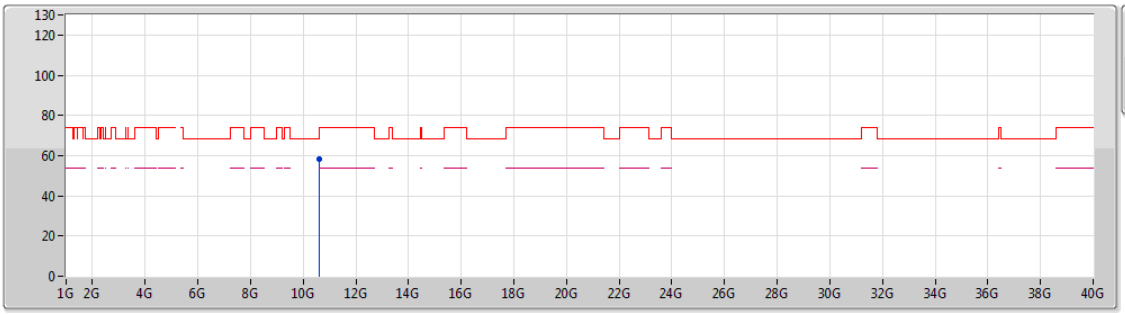
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1496G	66.33	74.00	-7.67	6.24	3	Horizontal	200	2.60	-
AV	5.12G	47.15	54.00	-6.85	6.21	3	Horizontal	200	2.60	-
PK	5.2976G	113.94	Inf	-Inf	6.44	3	Horizontal	200	2.60	-
AV	5.3012G	101.93	Inf	-Inf	6.44	3	Horizontal	200	2.60	-
PK	5.4448G	66.10	74.00	-7.90	6.58	3	Horizontal	200	2.60	-
AV	5.4476G	48.01	54.00	-5.99	6.58	3	Horizontal	200	2.60	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

23/01/2019



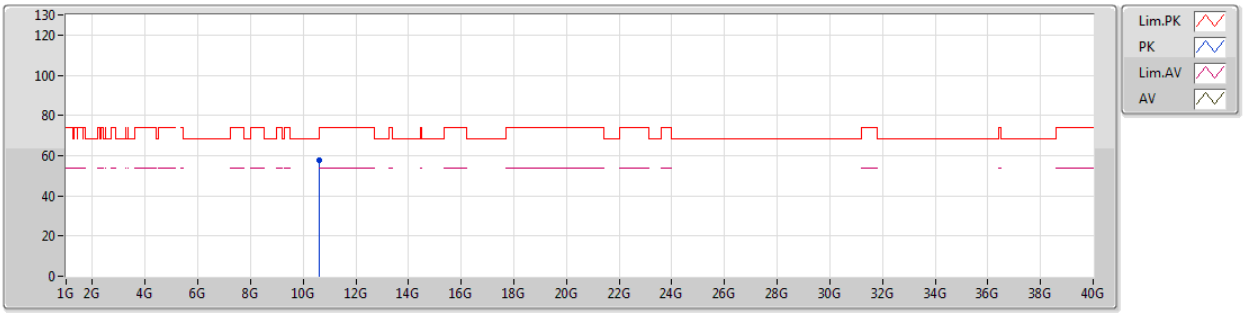
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59064G	58.07	68.20	-10.13	14.92	3	Vertical	300	2.06	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz_TX

23/01/2019



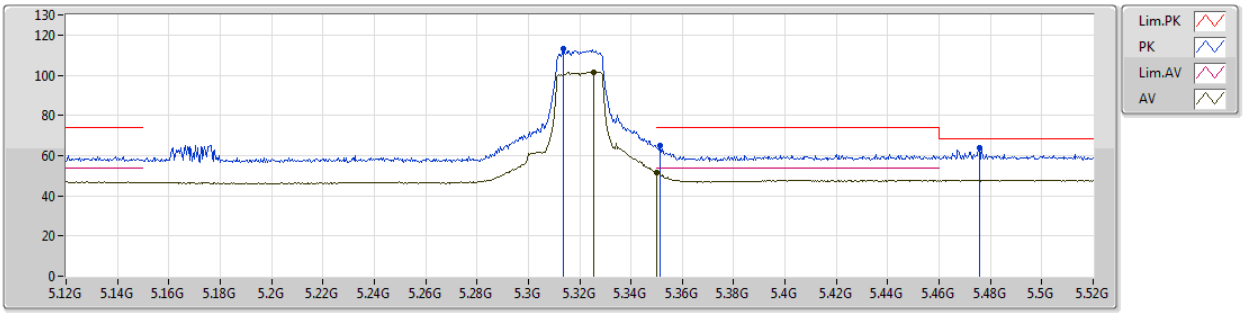
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.59476G	57.54	68.20	-10.66	14.92	3	Horizontal	289	2.11	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

22/01/2019



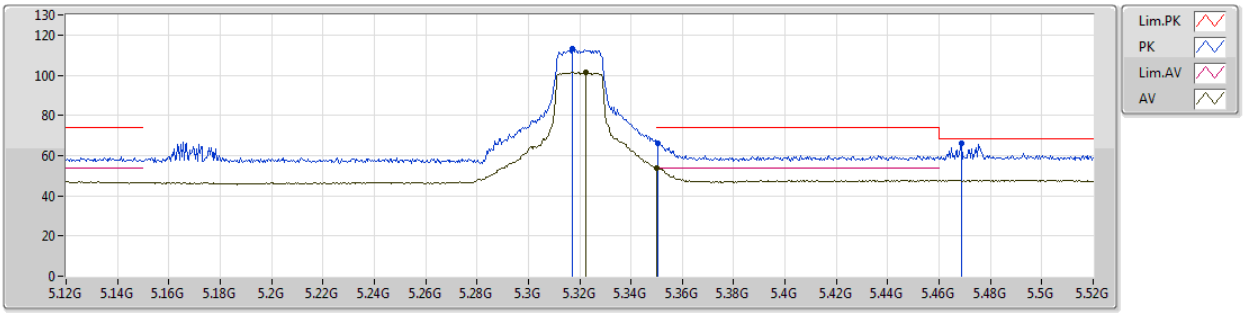
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3136G	113.22	Inf	-Inf	6.46	3	Vertical	191	1.72	-
AV	5.3256G	101.57	Inf	-Inf	6.47	3	Vertical	191	1.72	-
PK	5.3512G	65.24	74.00	-8.76	6.50	3	Vertical	191	1.72	-
AV	5.35G	51.76	54.00	-2.24	6.50	3	Vertical	191	1.72	-
PK	5.4756G	64.06	68.20	-4.14	6.58	3	Vertical	191	1.72	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

22/01/2019



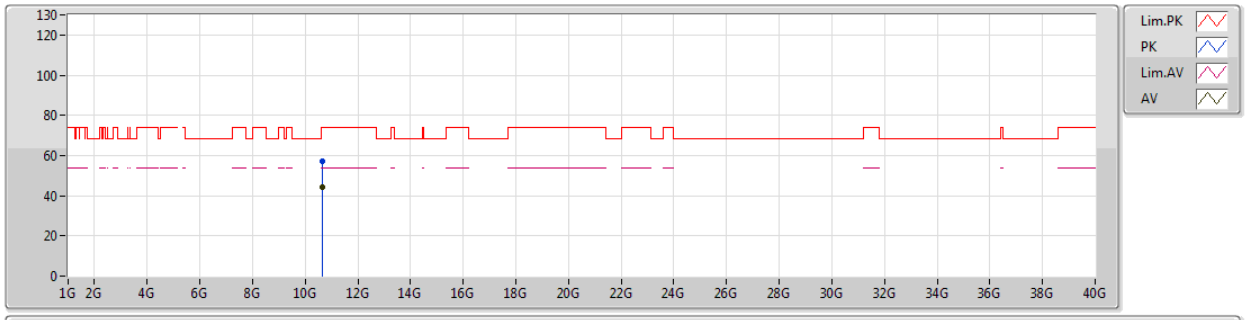
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3172G	112.97	Inf	-Inf	6.47	3	Horizontal	203	2.68	-
AV	5.3224G	101.38	Inf	-Inf	6.47	3	Horizontal	203	2.68	-
PK	5.3504G	66.01	74.00	-7.99	6.50	3	Horizontal	203	2.68	-
AV	5.35G	53.63	54.00	-0.37	6.50	3	Horizontal	203	2.68	-
PK	5.4688G	65.94	68.20	-2.26	6.58	3	Horizontal	203	2.68	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

23/01/2019



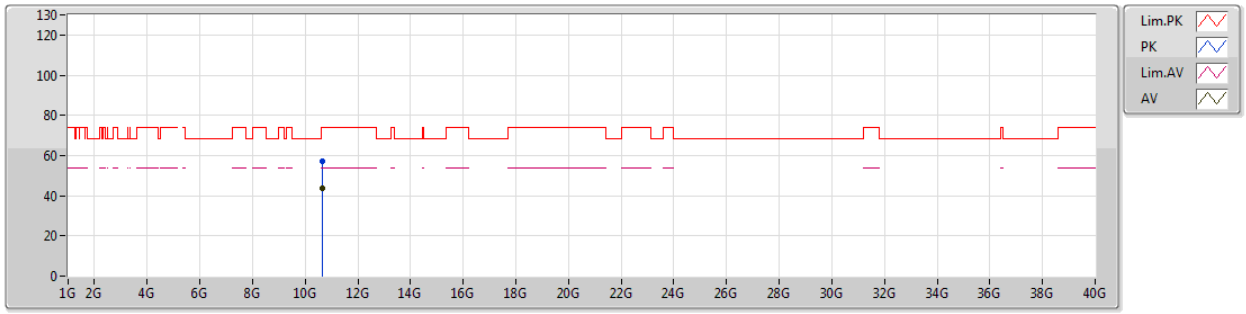
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.64366G	57.19	74.00	-16.81	15.06	3	Vertical	21	1.28	-
AV	10.64874G	44.01	54.00	-9.99	15.07	3	Vertical	21	1.28	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz_TX

23/01/2019



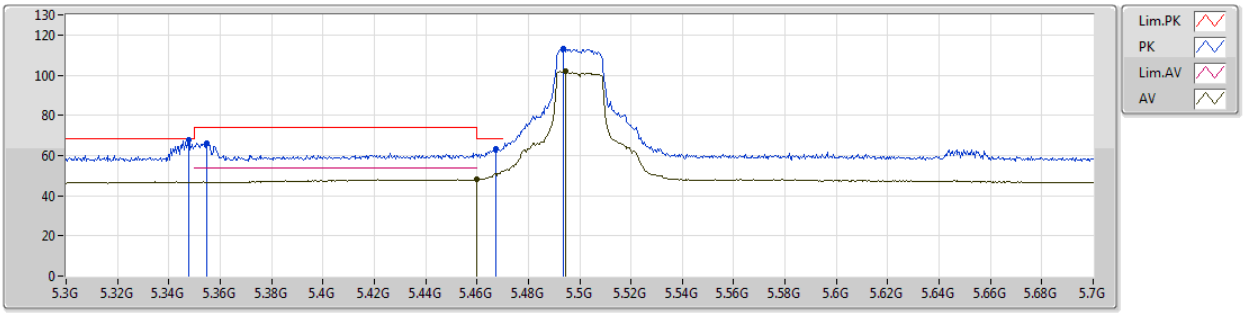
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.63472G	57.08	74.00	-16.92	15.04	3	Horizontal	237	1.25	-
AV	10.649G	43.77	54.00	-10.23	15.08	3	Horizontal	237	1.25	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

22/01/2019



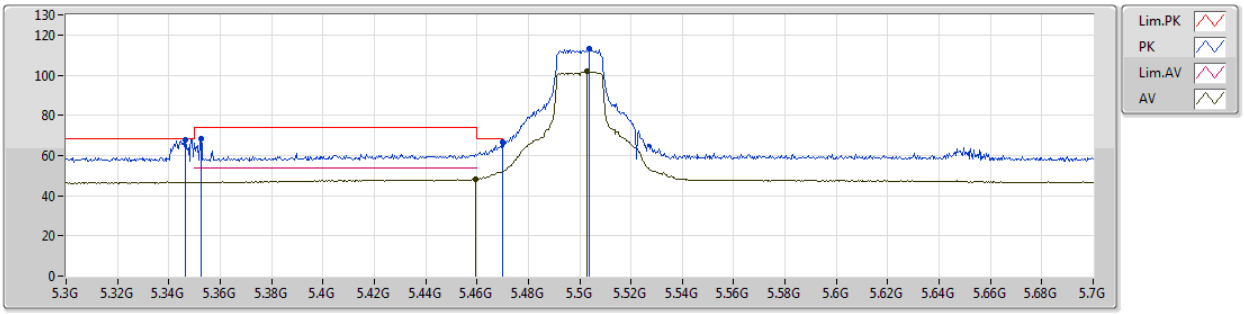
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3476G	68.04	68.20	-0.16	6.50	3	Vertical	211	1.68	-
PK	5.3548G	66.25	74.00	-7.75	6.50	3	Vertical	211	1.68	-
AV	5.46G	48.05	54.00	-5.95	6.57	3	Vertical	211	1.68	-
PK	5.4672G	63.34	68.20	-4.86	6.58	3	Vertical	211	1.68	-
PK	5.4936G	112.97	Inf	-Inf	6.59	3	Vertical	211	1.68	-
AV	5.4944G	101.77	Inf	-Inf	6.59	3	Vertical	211	1.68	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

22/01/2019



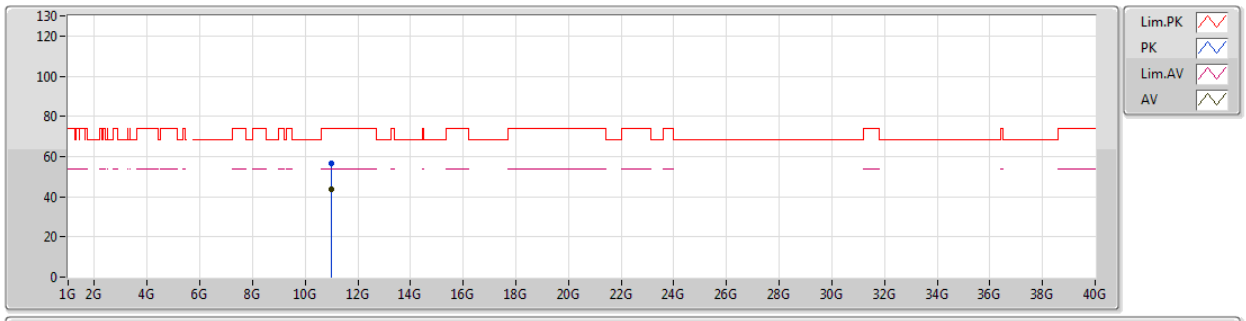
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3464G	68.00	68.20	-0.20	6.50	3	Horizontal	199	2.62	-
PK	5.3524G	68.55	74.00	-5.45	6.50	3	Horizontal	199	2.62	-
AV	5.4596G	48.25	54.00	-5.75	6.57	3	Horizontal	199	2.62	-
PK	5.47G	66.53	68.20	-1.67	6.58	3	Horizontal	199	2.62	-
PK	5.5036G	113.37	Inf	-Inf	6.59	3	Horizontal	199	2.62	-
AV	5.5028G	101.79	Inf	-Inf	6.59	3	Horizontal	199	2.62	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

23/01/2019



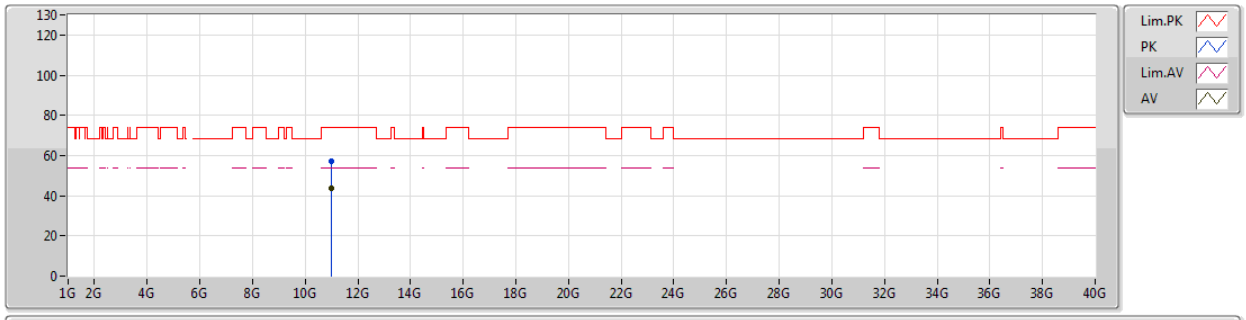
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.99302G	56.72	74.00	-17.28	16.03	3	Vertical	91	1.57	-
AV	10.99862G	43.60	54.00	-10.40	16.04	3	Vertical	91	1.57	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX

23/01/2019



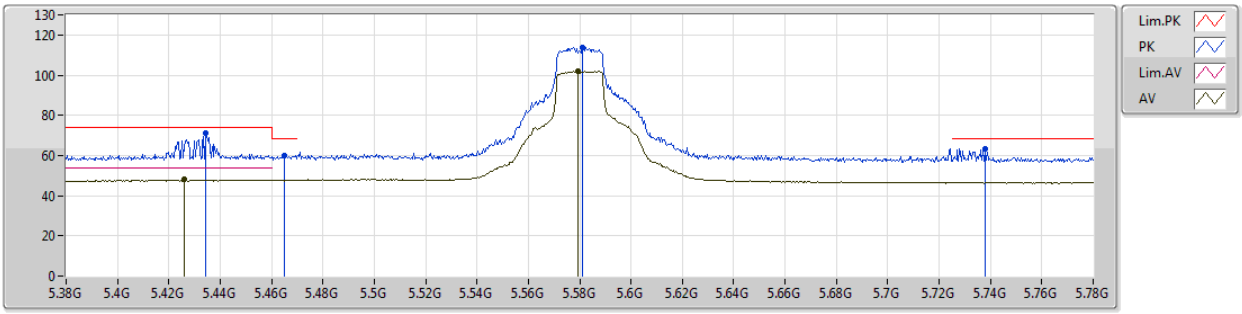
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.99452G	57.08	74.00	-16.92	16.03	3	Horizontal	10	1.30	-
AV	11.00676G	43.60	54.00	-10.40	16.05	3	Horizontal	10	1.30	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

22/01/2019



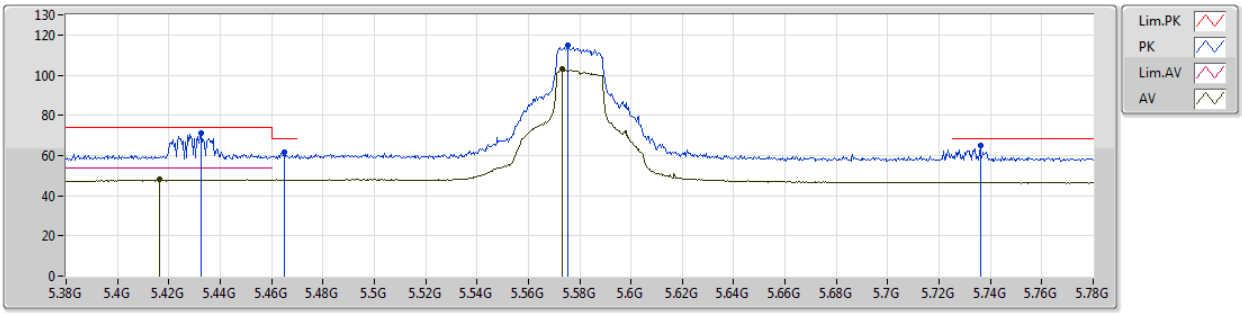
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4344G	71.42	74.00	-2.58	6.57	3	Vertical	193	1.49	-
AV	5.426G	47.92	54.00	-6.08	6.57	3	Vertical	193	1.49	-
PK	5.4648G	60.13	68.20	-8.07	6.58	3	Vertical	193	1.49	-
PK	5.5812G	113.62	Inf	-Inf	6.57	3	Vertical	193	1.49	-
AV	5.5792G	101.83	Inf	-Inf	6.57	3	Vertical	193	1.49	-
PK	5.738G	63.32	68.20	-4.88	6.70	3	Vertical	193	1.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

22/01/2019



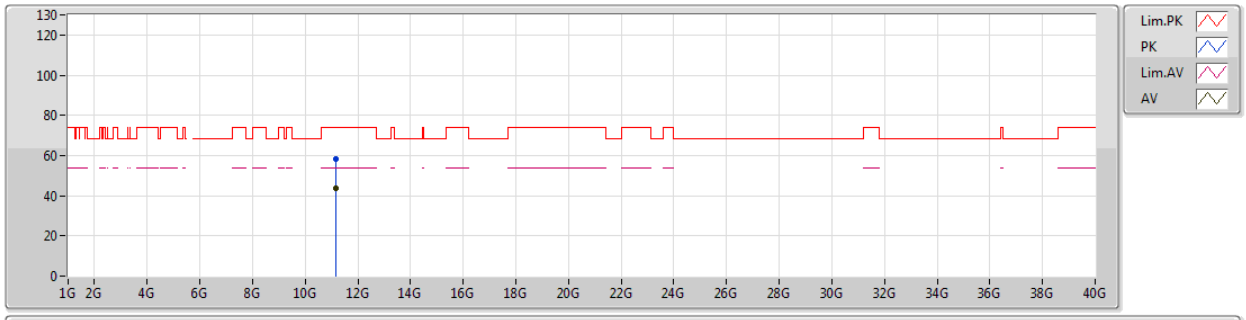
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4324G	70.92	74.00	-3.08	6.57	3	Horizontal	201	2.96	-
AV	5.4164G	48.03	54.00	-5.97	6.57	3	Horizontal	201	2.96	-
PK	5.4652G	61.80	68.20	-6.40	6.58	3	Horizontal	201	2.96	-
PK	5.5752G	114.84	Inf	-Inf	6.57	3	Horizontal	201	2.96	-
AV	5.5732G	102.86	Inf	-Inf	6.57	3	Horizontal	201	2.96	-
PK	5.736G	65.07	68.20	-3.13	6.70	3	Horizontal	201	2.96	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

23/01/2019



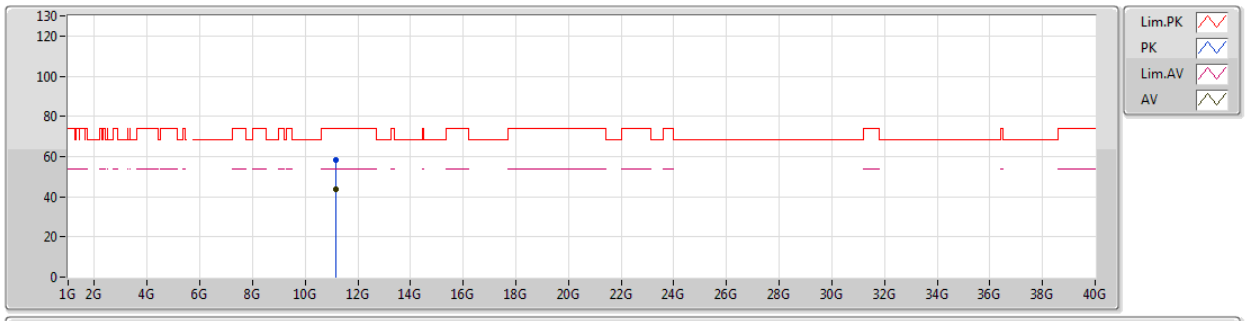
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.15462G	58.15	74.00	-15.85	16.41	3	Vertical	120	2.12	-
AV	11.16314G	43.92	54.00	-10.08	16.42	3	Vertical	120	2.12	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX

23/01/2019



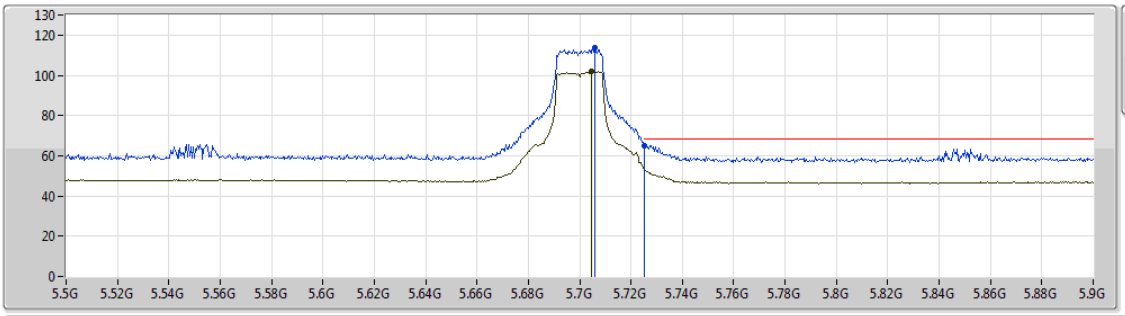
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.16326G	58.52	74.00	-15.48	16.42	3	Horizontal	313	1.73	-
AV	11.15008G	43.98	54.00	-10.02	16.40	3	Horizontal	313	1.73	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

22/01/2019



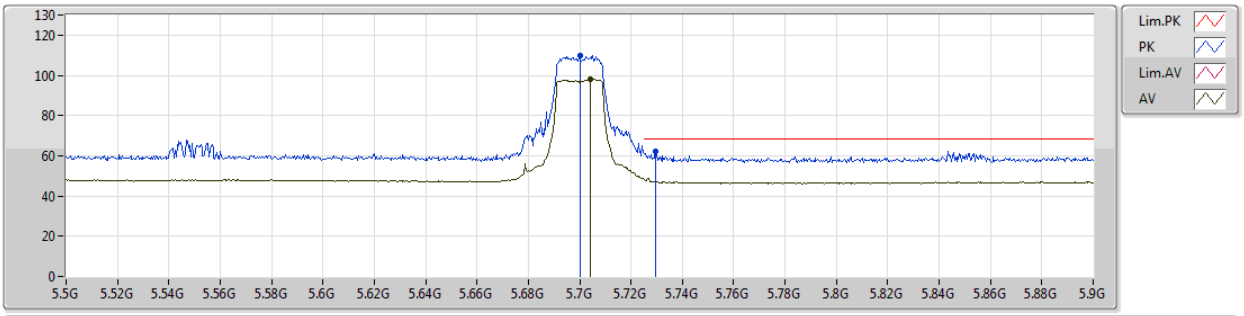
EUT Y_2TX
Setting 20.5
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.706G	113.78	Inf	-Inf	6.68	3	Vertical	210	1.55	-
AV	5.7044G	101.90	Inf	-Inf	6.67	3	Vertical	210	1.55	-
PK	5.7252G	64.98	68.20	-3.22	6.69	3	Vertical	210	1.55	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

22/01/2019



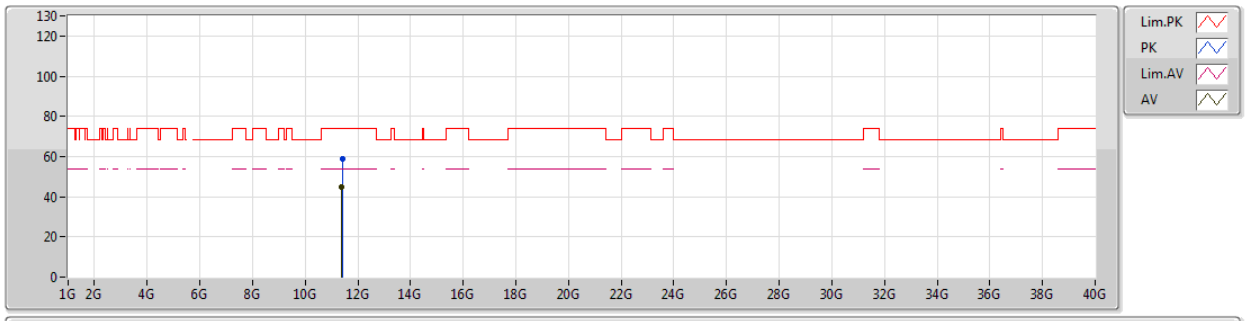
EUT Y_2TX
Setting 20.5
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7G	109.62	Inf	-Inf	6.67	3	Horizontal	197	2.80	-
AV	5.704G	97.94	Inf	-Inf	6.67	3	Horizontal	197	2.80	-
PK	5.7296G	62.39	68.20	-5.81	6.69	3	Horizontal	197	2.80	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

23/01/2019



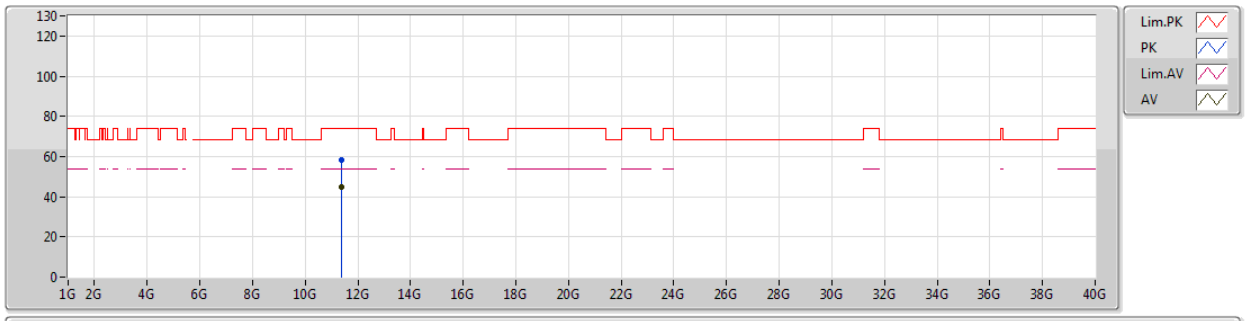
EUT Y_2TX
Setting 20.5
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.40414G	58.73	74.00	-15.27	17.00	3	Vertical	283	2.18	-
AV	11.39034G	45.03	54.00	-8.97	16.97	3	Vertical	283	2.18	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX

23/01/2019



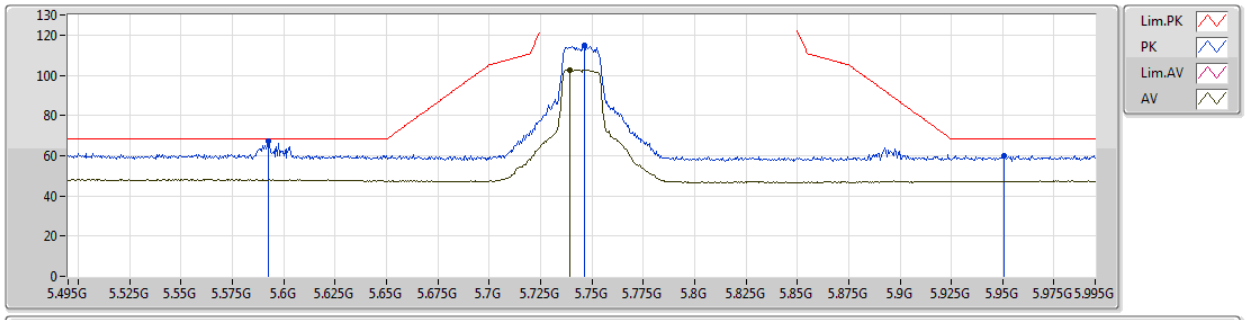
EUT Y_2TX
Setting 20.5
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.39464G	58.42	74.00	-15.58	16.98	3	Horizontal	345	1.27	-
AV	11.39032G	44.85	54.00	-9.15	16.97	3	Horizontal	345	1.27	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

22/01/2019

5745MHz_TX



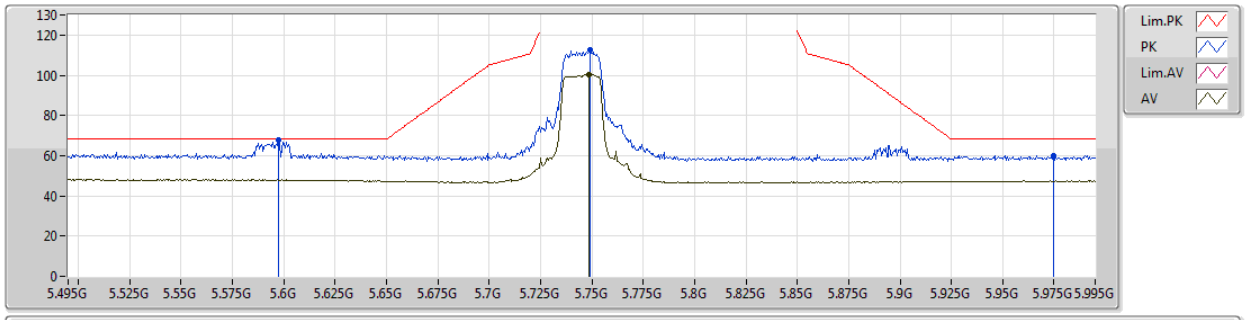
EUT Y_2TX
Setting 21.5
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.5925G	67.29	68.20	-0.91	6.57	3	Vertical	211	1.72	-
PK	5.7465G	114.65	Inf	-Inf	6.71	3	Vertical	211	1.72	-
AV	5.739G	102.59	Inf	-Inf	6.70	3	Vertical	211	1.72	-
PK	5.9505G	60.20	68.20	-8.00	6.85	3	Vertical	211	1.72	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

22/01/2019



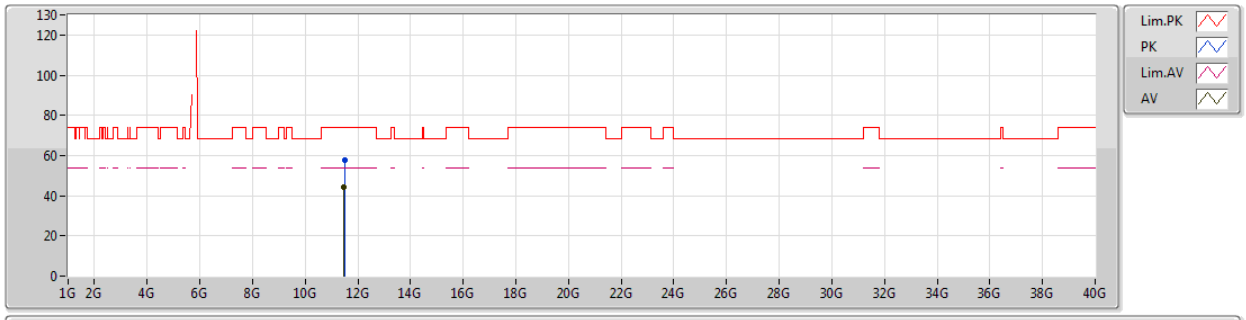
EUT Y_2TX
Setting 21.5
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.5975G	67.71	68.20	-0.49	6.57	3	Horizontal	190	2.87	-
PK	5.749G	112.36	Inf	-Inf	6.71	3	Horizontal	190	2.87	-
AV	5.7485G	100.28	Inf	-Inf	6.71	3	Horizontal	190	2.87	-
PK	5.9745G	60.20	68.20	-8.00	6.86	3	Horizontal	190	2.87	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

23/01/2019



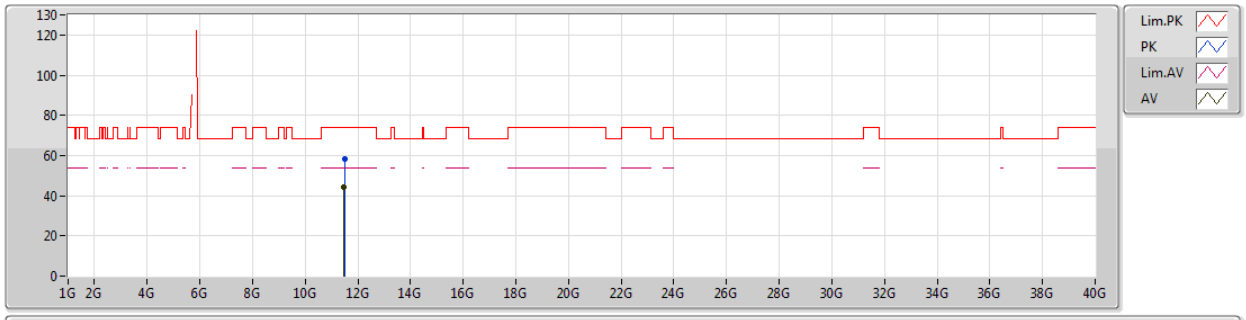
EUT Y_2TX
Setting 21.5
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.488G	57.70	74.00	-16.30	17.19	3	Vertical	116	1.90	-
AV	11.48014G	44.31	54.00	-9.69	17.18	3	Vertical	116	1.90	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

23/01/2019



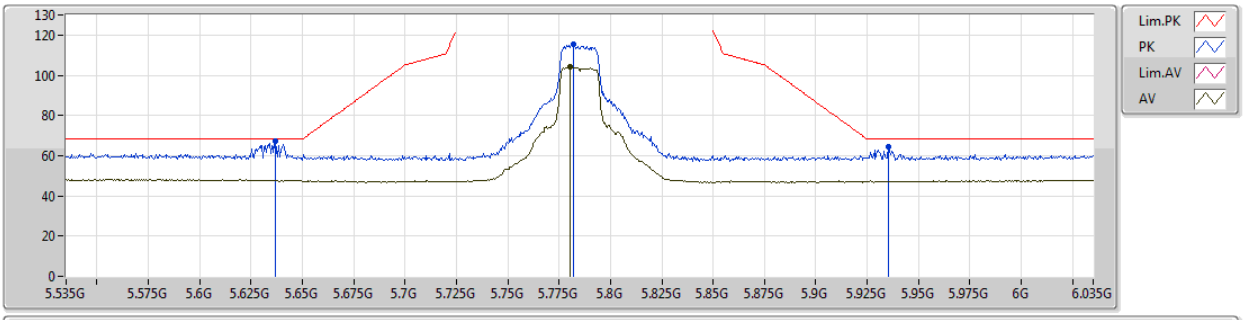
EUT Y_2TX
Setting 21.5
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.48956G	58.17	74.00	-15.83	17.20	3	Horizontal	349	2.18	-
AV	11.48304G	44.29	54.00	-9.71	17.18	3	Horizontal	349	2.18	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

22/01/2019



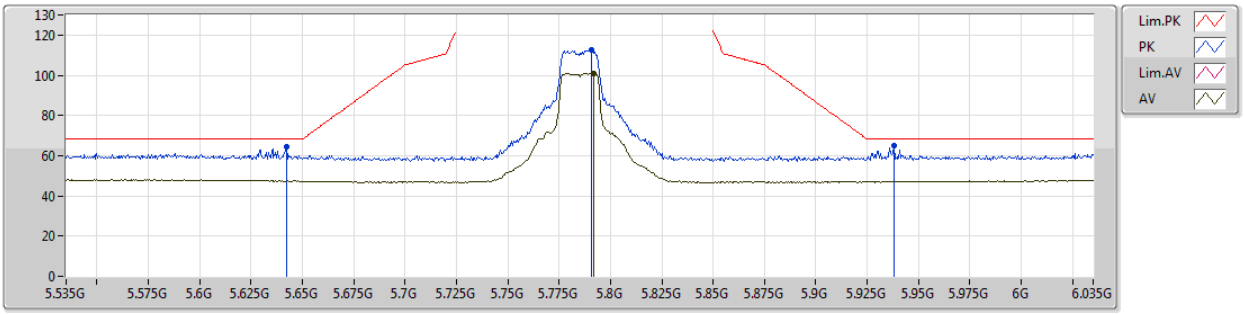
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.637G	67.28	68.20	-0.92	6.61	3	Vertical	211	1.49	-
PK	5.782G	115.53	Inf	-Inf	6.74	3	Vertical	211	1.49	-
AV	5.7805G	104.09	Inf	-Inf	6.74	3	Vertical	211	1.49	-
PK	5.9355G	64.68	68.20	-3.52	6.84	3	Vertical	211	1.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

22/01/2019



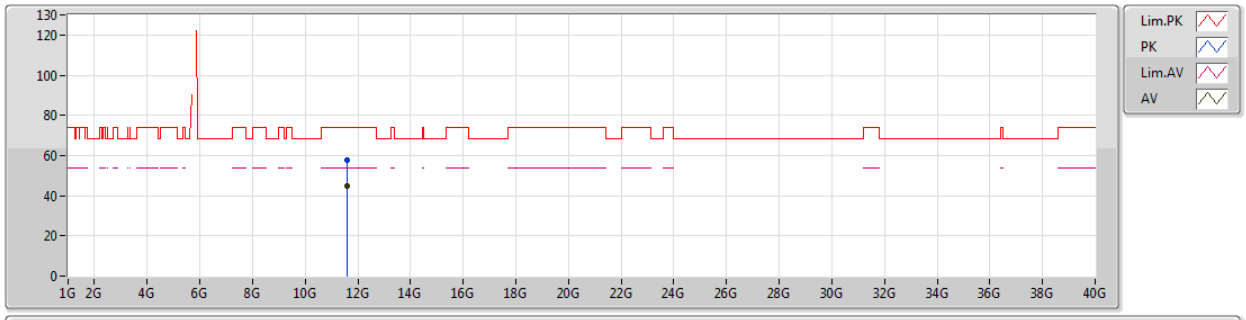
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6425G	64.30	68.20	-3.90	6.62	3	Horizontal	154	1.72	-
PK	5.7905G	112.65	Inf	-Inf	6.75	3	Horizontal	154	1.72	-
AV	5.792G	101.13	Inf	-Inf	6.75	3	Horizontal	154	1.72	-
PK	5.938G	64.80	68.20	-3.40	6.85	3	Horizontal	154	1.72	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

23/01/2019



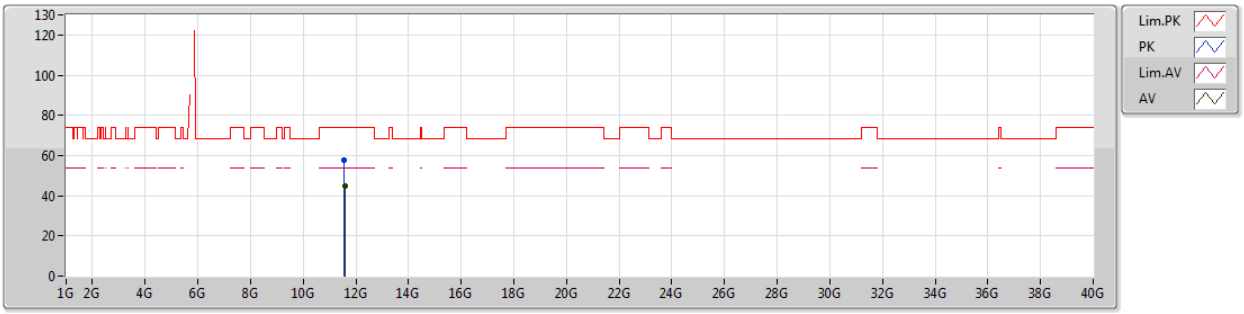
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5754G	57.85	74.00	-16.15	17.41	3	Vertical	142	1.05	-
AV	11.57984G	44.68	54.00	-9.32	17.42	3	Vertical	142	1.05	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

23/01/2019



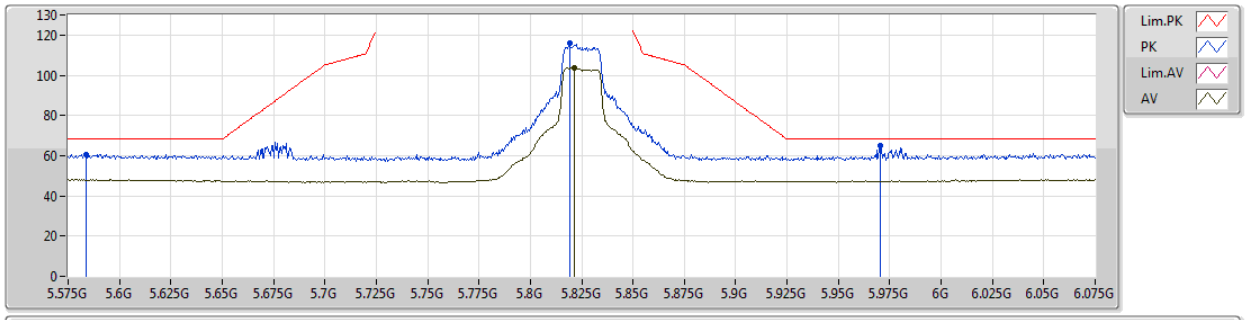
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.56302G	57.72	74.00	-16.28	17.37	3	Horizontal	278	2.02	-
AV	11.58G	44.77	54.00	-9.23	17.42	3	Horizontal	278	2.02	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

22/01/2019



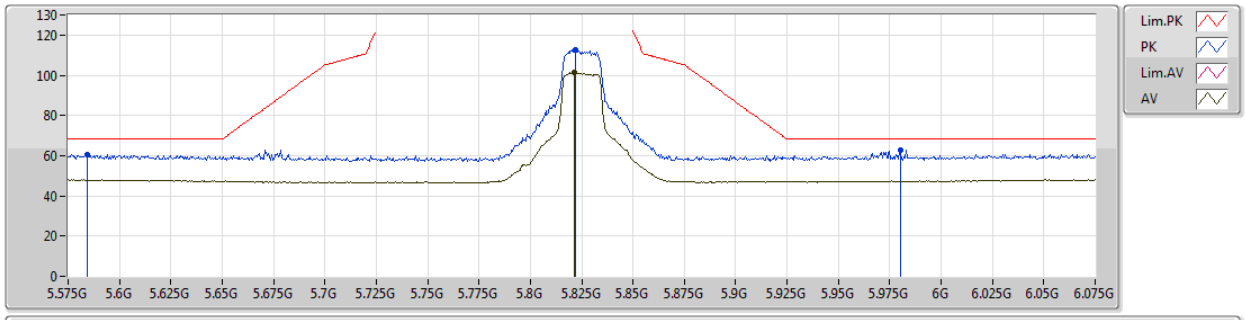
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.584G	60.78	68.20	-7.42	6.57	3	Vertical	208	1.62	-
PK	5.819G	115.85	Inf	-Inf	6.77	3	Vertical	208	1.62	-
AV	5.8215G	103.67	Inf	-Inf	6.78	3	Vertical	208	1.62	-
PK	5.9705G	65.25	68.20	-2.95	6.86	3	Vertical	208	1.62	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

22/01/2019



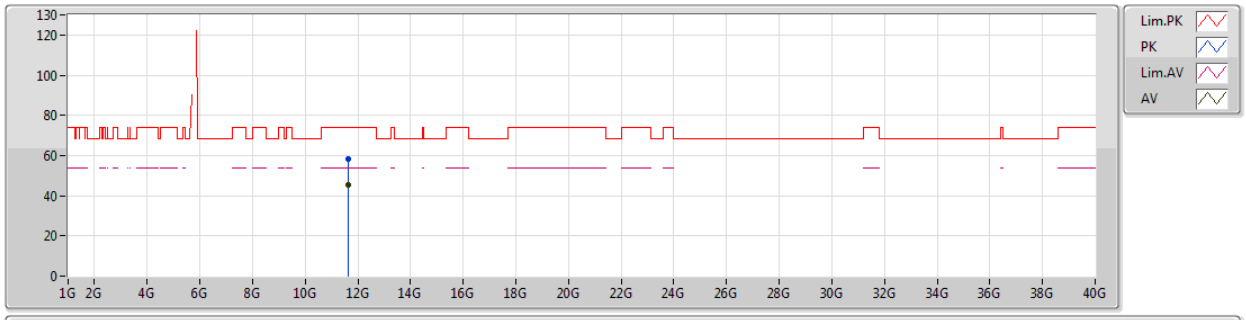
EUT Y_2TX
Setting 24
03-P-2-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.5845G	60.43	68.20	-7.77	6.57	3	Horizontal	104	1.49	-
PK	5.822G	112.74	Inf	-Inf	6.78	3	Horizontal	104	1.49	-
AV	5.8215G	101.53	Inf	-Inf	6.78	3	Horizontal	104	1.49	-
PK	5.98G	62.94	68.20	-5.26	6.87	3	Horizontal	104	1.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

23/01/2019



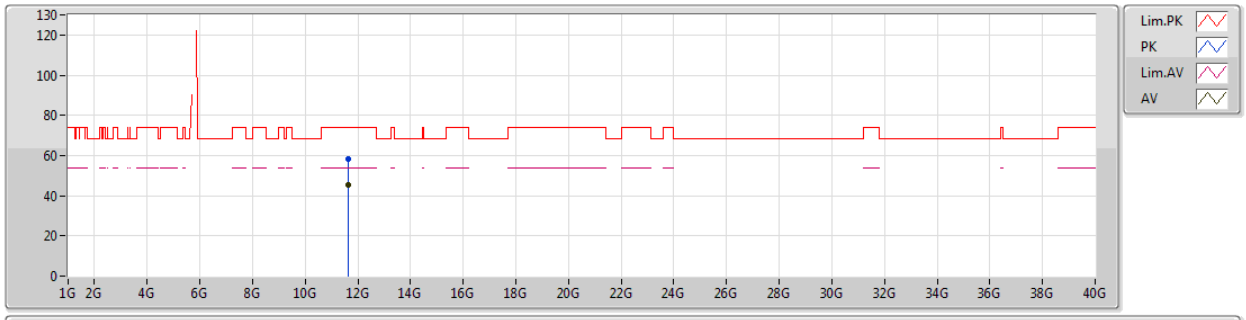
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.64662G	58.48	74.00	-15.52	17.58	3	Vertical	74	2.15	-
AV	11.64228G	45.17	54.00	-8.83	17.57	3	Vertical	74	2.15	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

23/01/2019



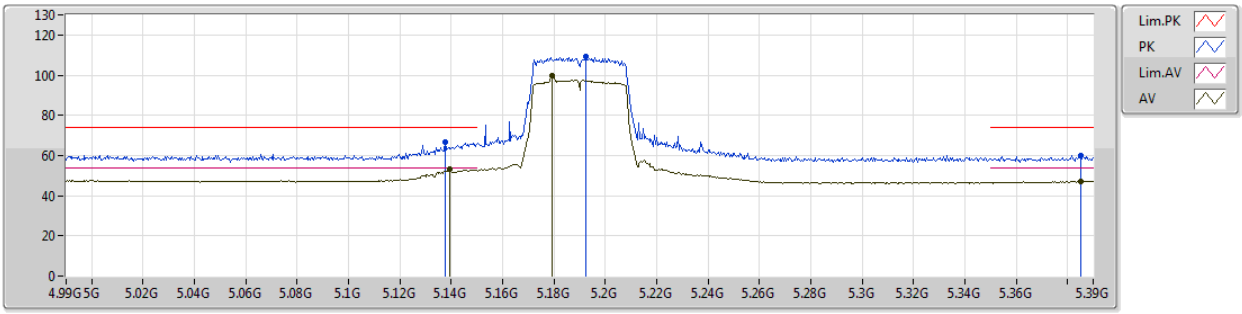
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6506G	58.40	74.00	-15.60	17.59	3	Horizontal	79	2.33	-
AV	11.65532G	45.27	54.00	-8.73	17.60	3	Horizontal	79	2.33	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

23/01/2019



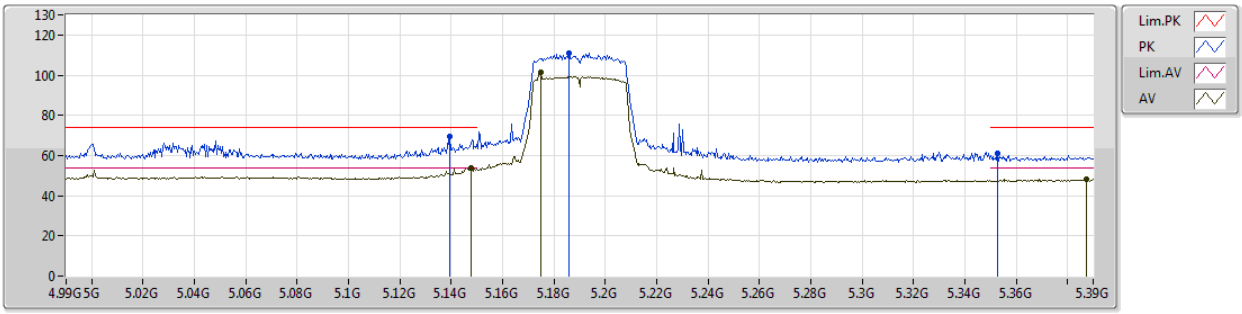
EUT Y_2TX
Setting 19.5
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1376G	66.91	74.00	-7.09	6.23	3	Vertical	173	2.81	-
AV	5.1392G	53.05	54.00	-0.95	6.23	3	Vertical	173	2.81	-
PK	5.1924G	109.03	Inf	-Inf	6.28	3	Vertical	173	2.81	-
AV	5.1792G	99.67	Inf	-Inf	6.26	3	Vertical	173	2.81	-
PK	5.3852G	59.91	74.00	-14.09	6.54	3	Vertical	173	2.81	-
AV	5.3852G	47.14	54.00	-6.86	6.54	3	Vertical	173	2.81	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

23/01/2019



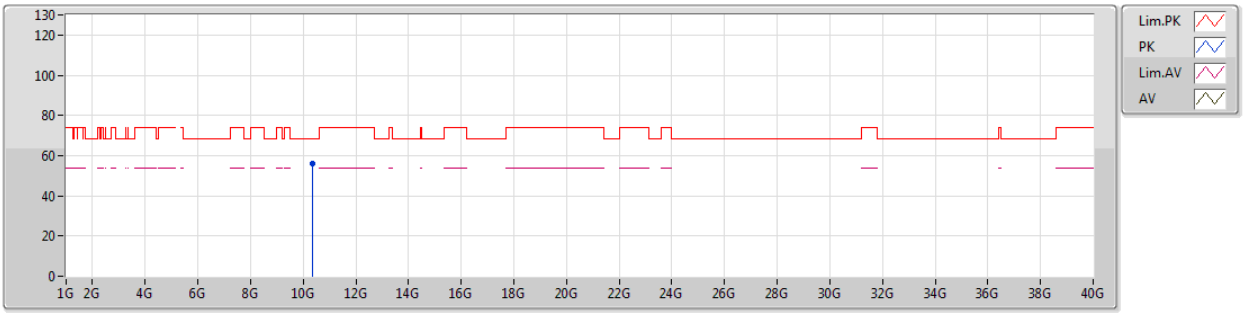
EUT Y_2TX
Setting 19.5
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1396G	69.22	74.00	-4.78	6.23	3	Horizontal	210	1.96	-
AV	5.1476G	53.82	54.00	-0.18	6.24	3	Horizontal	210	1.96	-
PK	5.186G	110.89	Inf	-Inf	6.27	3	Horizontal	210	1.96	-
AV	5.1748G	101.17	Inf	-Inf	6.26	3	Horizontal	210	1.96	-
PK	5.3528G	61.27	74.00	-12.73	6.50	3	Horizontal	210	1.96	-
AV	5.3872G	47.94	54.00	-6.06	6.54	3	Horizontal	210	1.96	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

23/01/2019



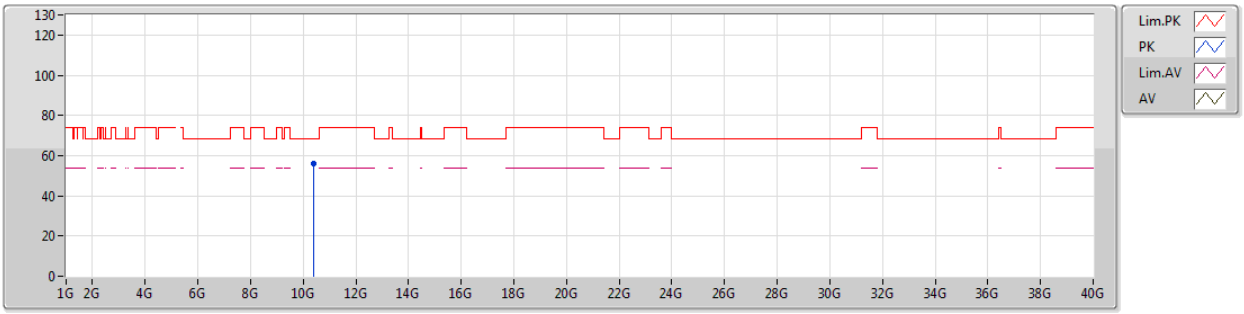
EUT Y_2TX
Setting 19.5
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.37462G	55.90	68.20	-12.30	14.32	3	Vertical	149	1.11	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

23/01/2019



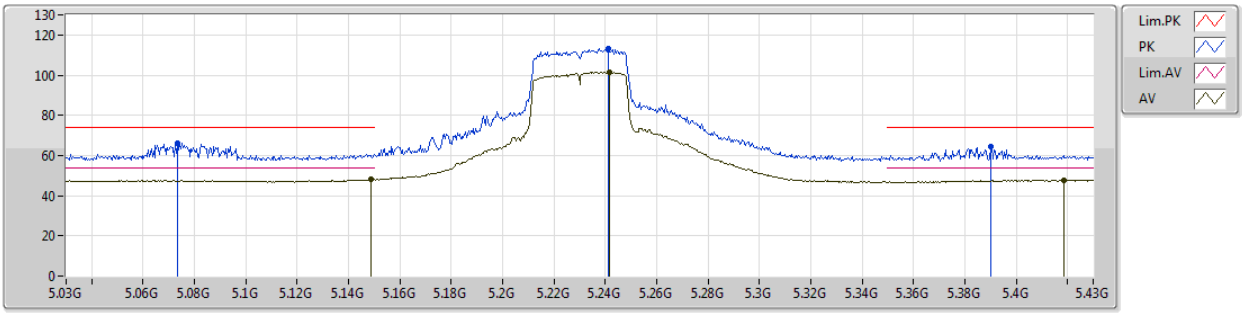
EUT Y_2TX
Setting 19.5
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.37694G	56.28	68.20	-11.92	14.33	3	Horizontal	332	1.91	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

23/01/2019



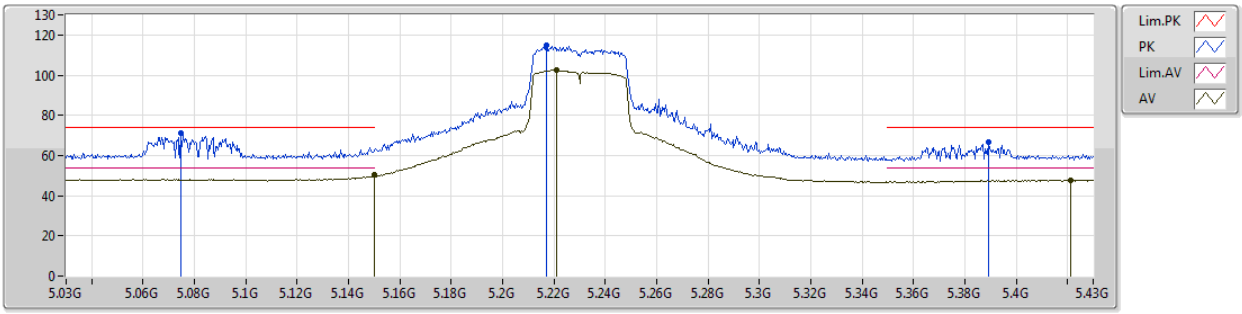
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0732G	66.37	74.00	-7.63	6.14	3	Vertical	206	1.68	-
AV	5.1488G	48.21	54.00	-5.79	6.24	3	Vertical	206	1.68	-
PK	5.2412G	113.35	Inf	-Inf	6.36	3	Vertical	206	1.68	-
AV	5.2416G	101.52	Inf	-Inf	6.36	3	Vertical	206	1.68	-
PK	5.39G	64.46	74.00	-9.54	6.55	3	Vertical	206	1.68	-
AV	5.4184G	47.87	54.00	-6.13	6.57	3	Vertical	206	1.68	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

23/01/2019



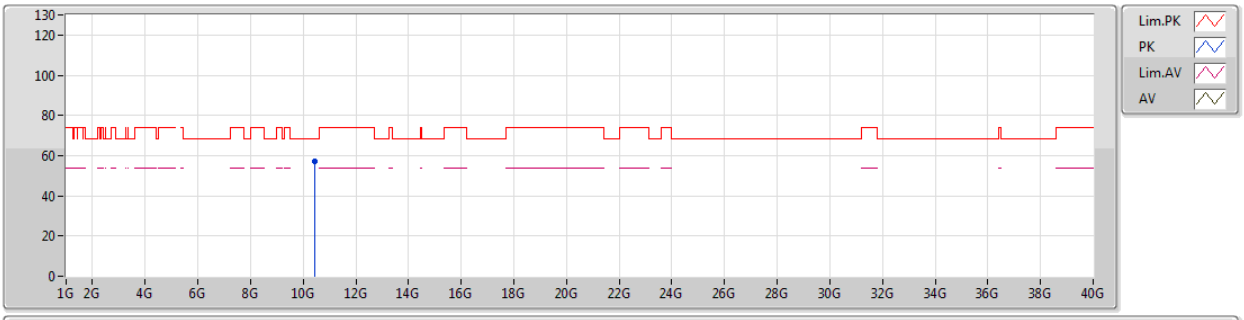
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.0748G	71.37	74.00	-2.63	6.14	3	Horizontal	193	1.92	-
AV	5.15G	50.37	54.00	-3.63	6.24	3	Horizontal	193	1.92	-
PK	5.2172G	114.66	Inf	-Inf	6.32	3	Horizontal	193	1.92	-
AV	5.2212G	102.51	Inf	-Inf	6.32	3	Horizontal	193	1.92	-
PK	5.3892G	66.42	74.00	-7.58	6.55	3	Horizontal	193	1.92	-
AV	5.4212G	47.90	54.00	-6.10	6.57	3	Horizontal	193	1.92	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

23/01/2019



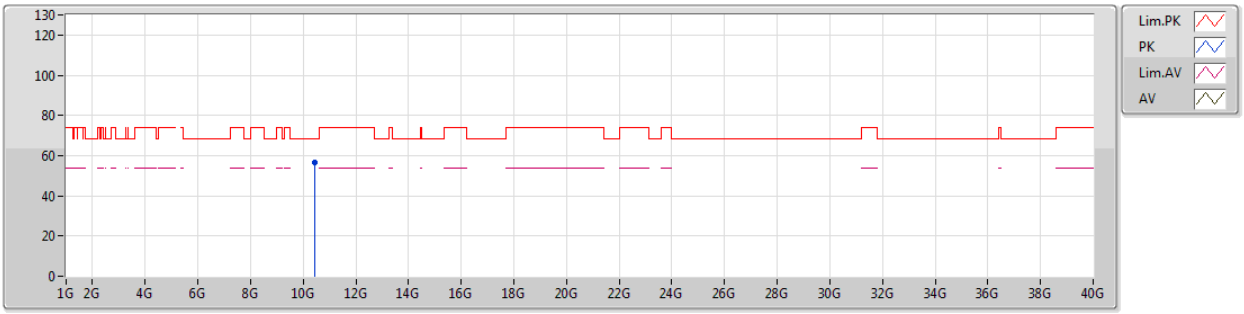
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.46152G	57.26	68.20	-10.94	14.56	3	Vertical	13	1.03	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

23/01/2019



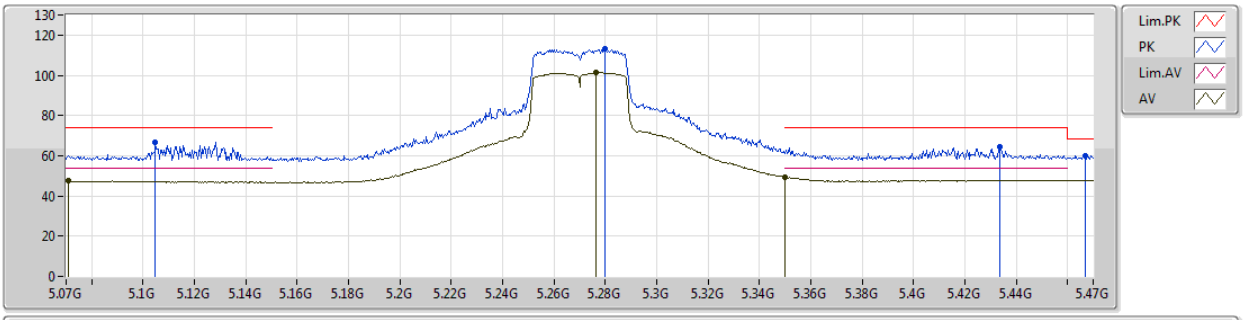
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.45616G	56.57	68.20	-11.63	14.54	3	Horizontal	12	1.38	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

23/01/2019



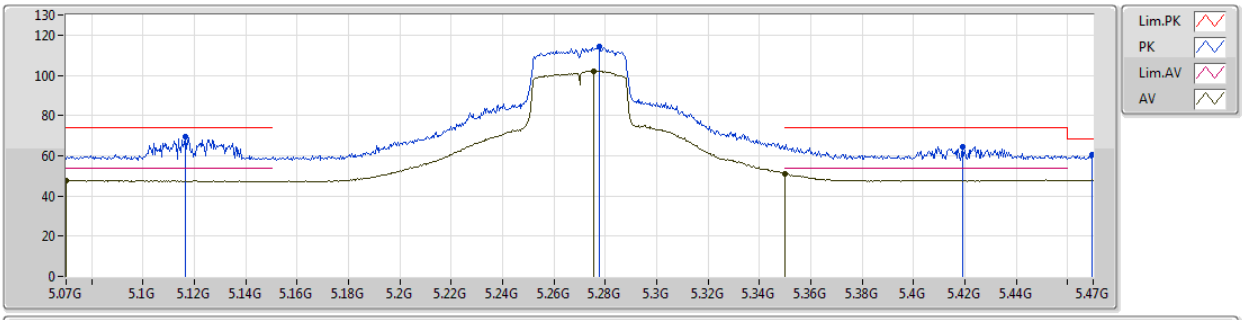
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1048G	66.52	74.00	-7.48	6.18	3	Vertical	197	1.54	-
AV	5.0708G	47.46	54.00	-6.54	6.14	3	Vertical	197	1.54	-
PK	5.28G	113.46	Inf	-Inf	6.41	3	Vertical	197	1.54	-
AV	5.2764G	101.50	Inf	-Inf	6.40	3	Vertical	197	1.54	-
AV	5.35G	49.42	54.00	-4.58	6.50	3	Vertical	197	1.54	-
PK	5.4336G	64.19	74.00	-9.81	6.57	3	Vertical	197	1.54	-
PK	5.4668G	60.21	68.20	-7.99	6.58	3	Vertical	197	1.54	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

23/01/2019



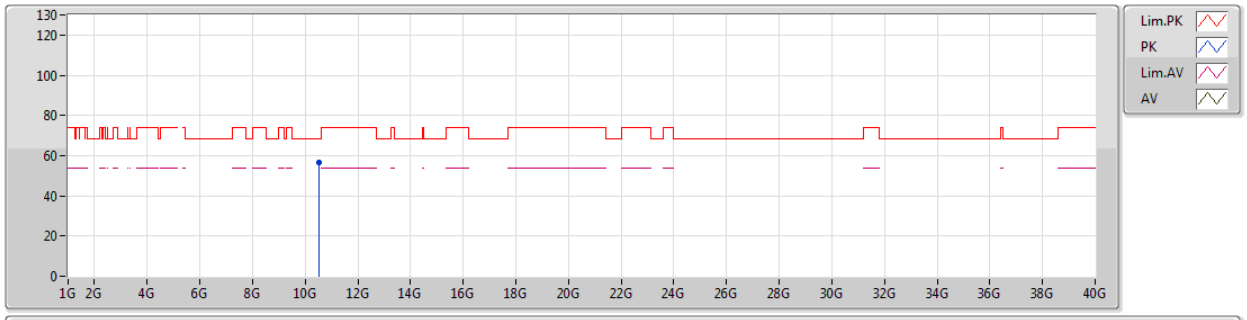
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1164G	69.67	74.00	-4.33	6.20	3	Horizontal	208	2.73	-
AV	5.07G	47.87	54.00	-6.13	6.14	3	Horizontal	208	2.73	-
PK	5.2776G	114.12	Inf	-Inf	6.41	3	Horizontal	208	2.73	-
AV	5.2756G	102.18	Inf	-Inf	6.40	3	Horizontal	208	2.73	-
PK	5.4192G	64.47	74.00	-9.53	6.57	3	Horizontal	208	2.73	-
AV	5.35G	51.02	54.00	-2.98	6.50	3	Horizontal	208	2.73	-
PK	5.4696G	60.26	68.20	-7.94	6.58	3	Horizontal	208	2.73	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

23/01/2019



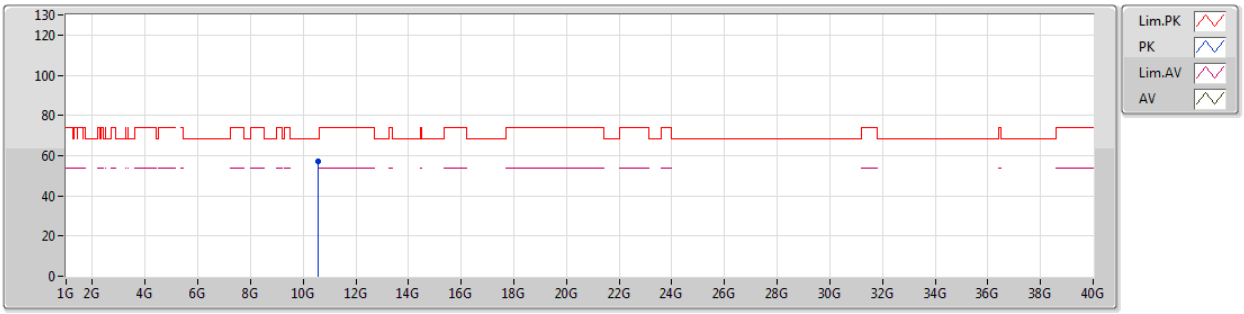
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.54116G	56.68	68.20	-11.52	14.78	3	Vertical	17	2.33	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX

23/01/2019



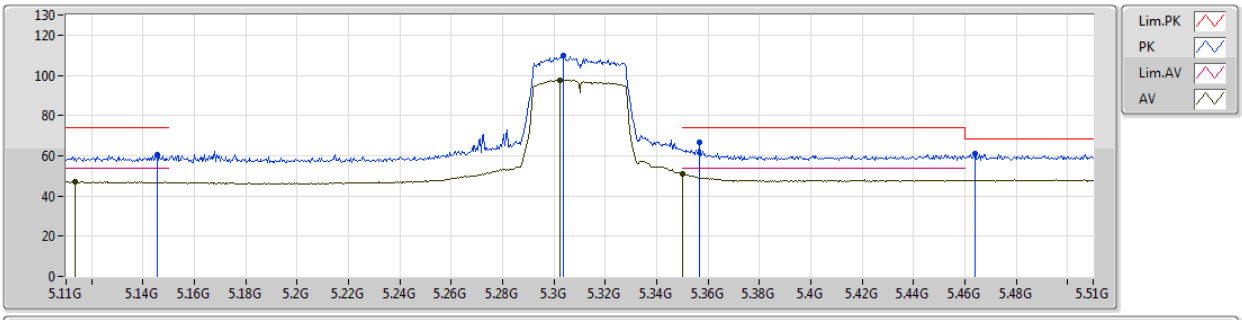
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.54946G	56.92	68.20	-11.28	14.80	3	Horizontal	282	1.29	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

23/01/2019



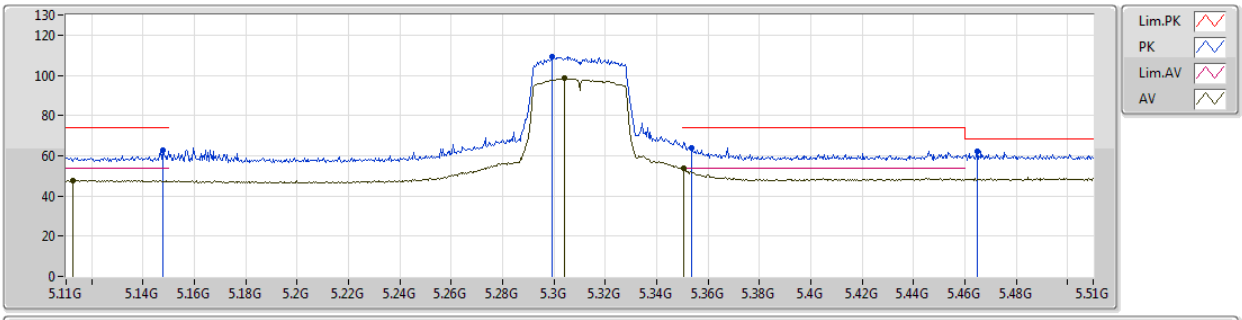
EUT Y_2TX
Setting 18
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1456G	60.43	74.00	-13.57	6.24	3	Vertical	199	1.50	-
AV	5.1136G	46.96	54.00	-7.04	6.20	3	Vertical	199	1.50	-
PK	5.3036G	109.60	Inf	-Inf	6.44	3	Vertical	199	1.50	-
AV	5.3024G	97.72	Inf	-Inf	6.44	3	Vertical	199	1.50	-
PK	5.3568G	66.70	74.00	-7.30	6.50	3	Vertical	199	1.50	-
AV	5.35G	50.76	54.00	-3.24	6.50	3	Vertical	199	1.50	-
PK	5.464G	60.88	68.20	-7.32	6.58	3	Vertical	199	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

23/01/2019



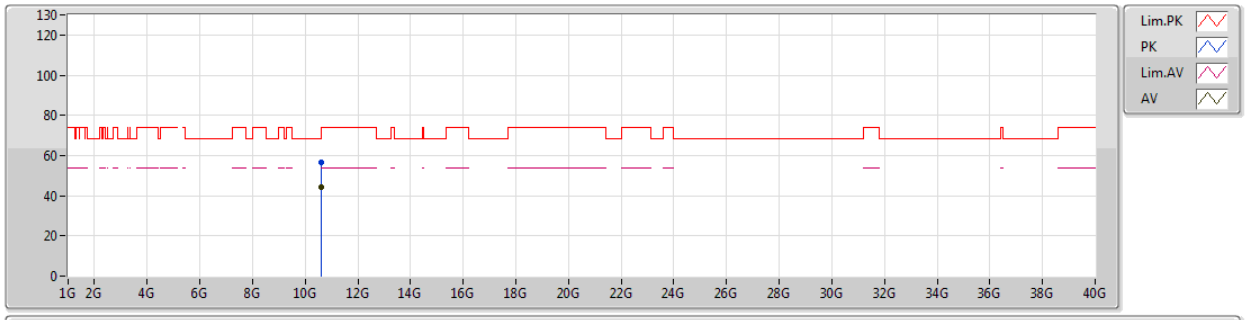
EUT Y_2TX
Setting 18
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1476G	62.70	74.00	-11.30	6.24	3	Horizontal	204	2.46	-
AV	5.1128G	47.90	54.00	-6.10	6.20	3	Horizontal	204	2.46	-
PK	5.2992G	109.45	Inf	-Inf	6.44	3	Horizontal	204	2.46	-
AV	5.304G	98.41	Inf	-Inf	6.44	3	Horizontal	204	2.46	-
PK	5.3536G	63.78	74.00	-10.22	6.50	3	Horizontal	204	2.46	-
AV	5.3504G	53.53	54.00	-0.47	6.50	3	Horizontal	204	2.46	-
PK	5.4648G	62.16	68.20	-6.04	6.58	3	Horizontal	204	2.46	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

23/01/2019



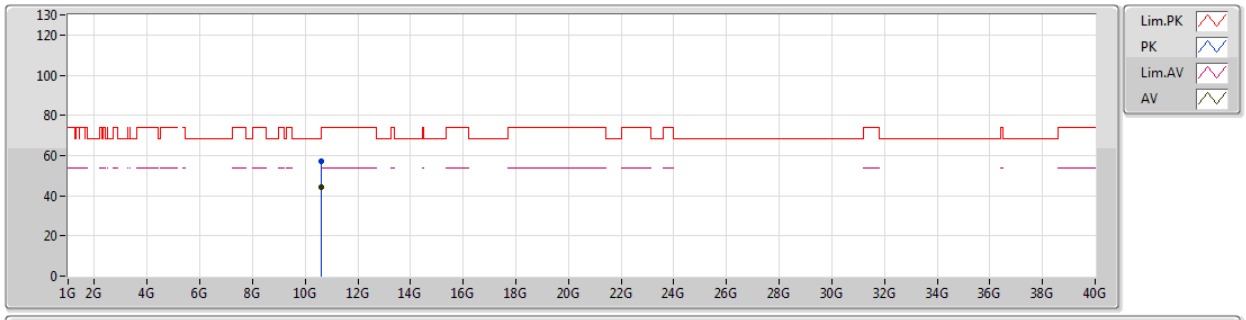
EUT Y_2TX
Setting 18
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.61724G	56.66	74.00	-17.34	14.99	3	Vertical	197	1.47	-
AV	10.61006G	44.05	54.00	-9.95	14.97	3	Vertical	197	1.47	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX

23/01/2019



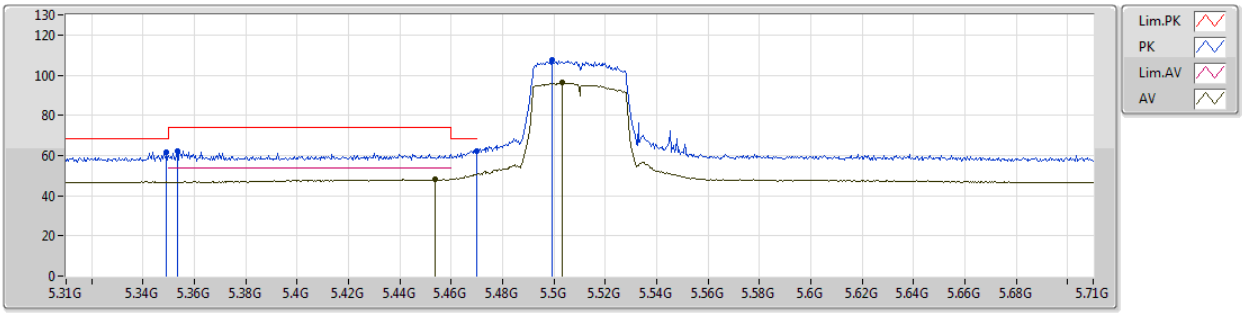
EUT Y_2TX
Setting 18
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.61544G	57.17	74.00	-16.83	14.98	3	Horizontal	79	2.05	-
AV	10.61362G	44.14	54.00	-9.86	14.98	3	Horizontal	79	2.05	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

23/01/2019



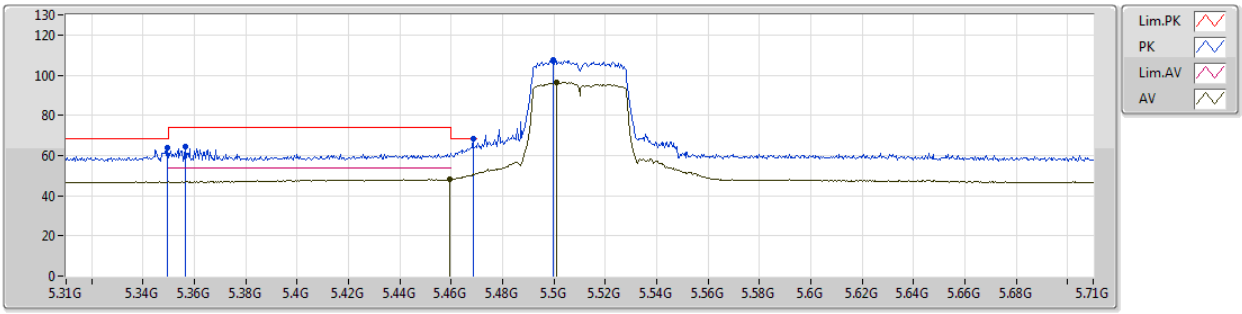
EUT Y_2TX
Setting 17
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3492G	61.87	68.20	-6.33	6.50	3	Vertical	204	1.71	-
PK	5.3532G	62.18	74.00	-11.82	6.50	3	Vertical	204	1.71	-
AV	5.4536G	48.14	54.00	-5.86	6.57	3	Vertical	204	1.71	-
PK	5.47G	62.42	68.20	-5.78	6.58	3	Vertical	204	1.71	-
PK	5.4992G	107.41	Inf	-Inf	6.59	3	Vertical	204	1.71	-
AV	5.5032G	96.29	Inf	-Inf	6.59	3	Vertical	204	1.71	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

23/01/2019



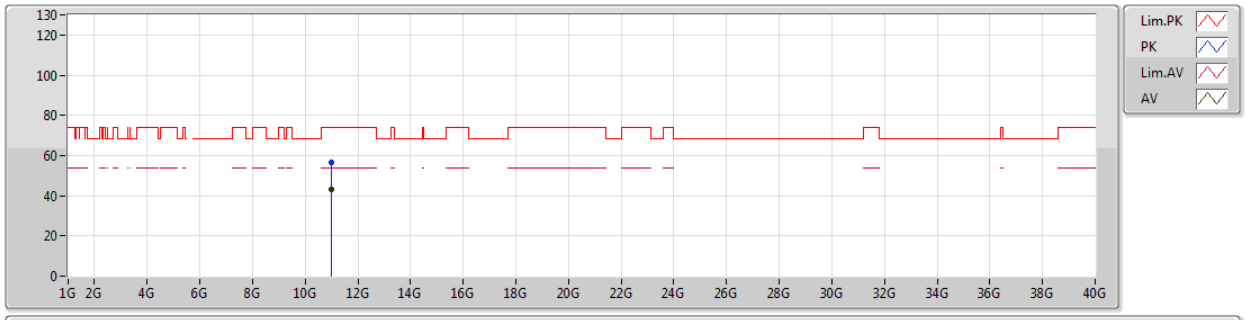
EUT Y_2TX
Setting 17
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3496G	64.15	68.20	-4.05	6.50	3	Horizontal	198	2.96	-
PK	5.3564G	64.30	74.00	-9.70	6.50	3	Horizontal	198	2.96	-
AV	5.4596G	48.41	54.00	-5.59	6.57	3	Horizontal	198	2.96	-
PK	5.4684G	68.15	68.20	-0.05	6.58	3	Horizontal	198	2.96	-
PK	5.4996G	107.37	Inf	-Inf	6.59	3	Horizontal	198	2.96	-
AV	5.5008G	96.51	Inf	-Inf	6.59	3	Horizontal	198	2.96	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

23/01/2019



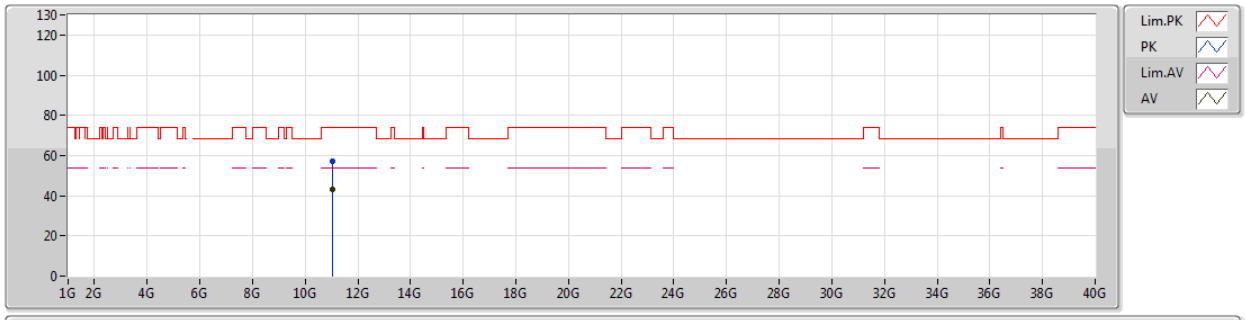
EUT Y_2TX
Setting 17
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.01478G	56.61	74.00	-17.39	16.08	3	Vertical	17	2.24	-
AV	11.01316G	43.18	54.00	-10.82	16.08	3	Vertical	17	2.24	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX

23/01/2019



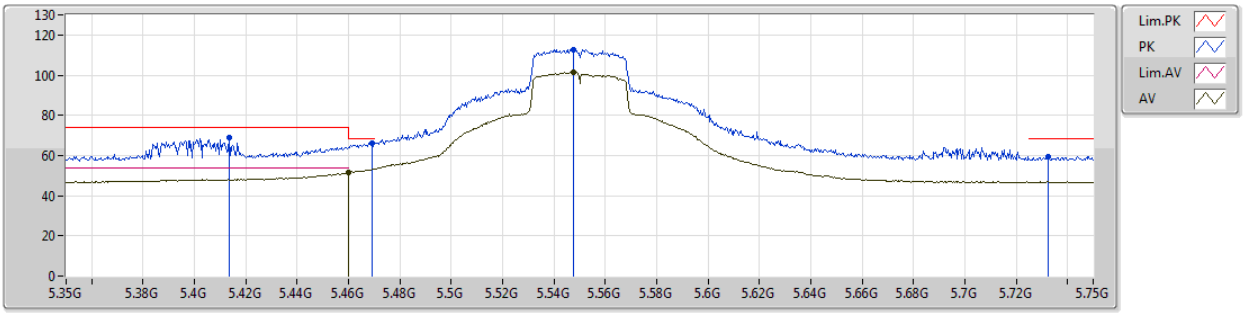
EUT Y_2TX
Setting 17
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.01758G	57.09	74.00	-16.91	16.09	3	Horizontal	286	1.09	-
AV	11.02242G	43.33	54.00	-10.67	16.10	3	Horizontal	286	1.09	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

23/01/2019



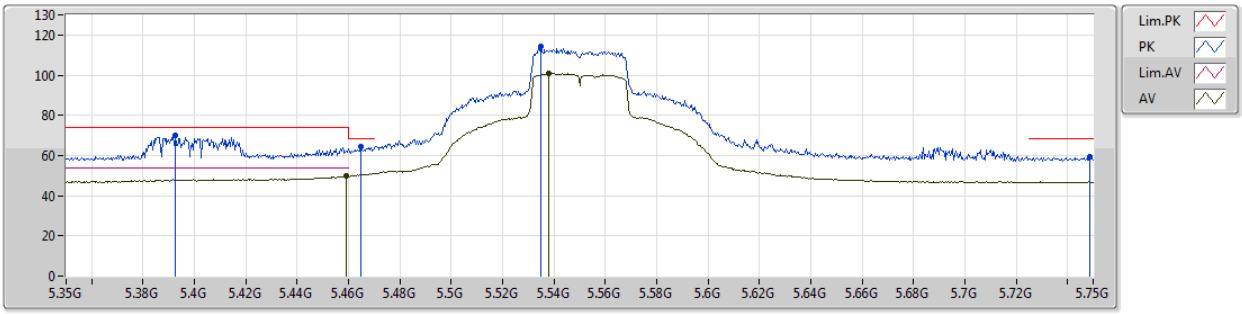
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4136G	68.70	74.00	-5.30	6.57	3	Vertical	194	1.75	-
AV	5.46G	51.40	54.00	-2.60	6.57	3	Vertical	194	1.75	-
PK	5.4692G	66.30	68.20	-1.90	6.58	3	Vertical	194	1.75	-
PK	5.5476G	112.85	Inf	-Inf	6.59	3	Vertical	194	1.75	-
AV	5.5476G	101.44	Inf	-Inf	6.59	3	Vertical	194	1.75	-
PK	5.7324G	59.57	68.20	-8.63	6.70	3	Vertical	194	1.75	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

23/01/2019



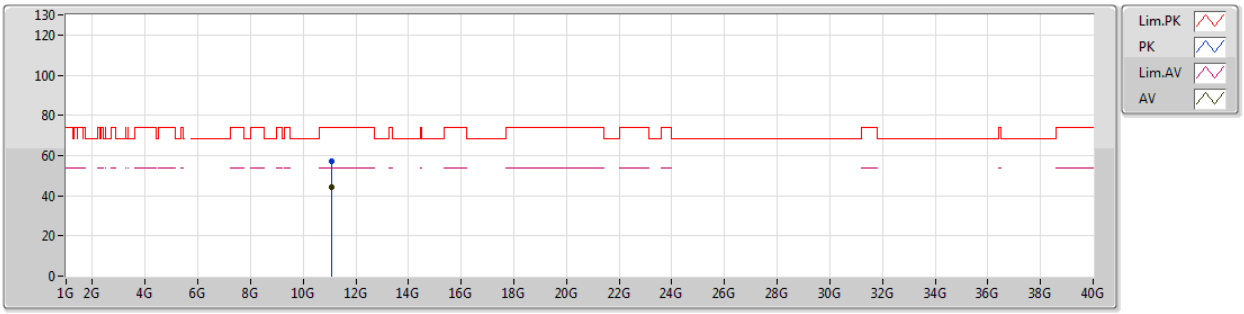
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3924G	70.16	74.00	-3.84	6.55	3	Horizontal	202	1.75	-
AV	5.4592G	49.88	54.00	-4.12	6.57	3	Horizontal	202	1.75	-
PK	5.4648G	64.30	68.20	-3.90	6.58	3	Horizontal	202	1.75	-
PK	5.5348G	114.43	Inf	-Inf	6.59	3	Horizontal	202	1.75	-
AV	5.538G	101.10	Inf	-Inf	6.59	3	Horizontal	202	1.75	-
PK	5.7488G	59.33	68.20	-8.87	6.71	3	Horizontal	202	1.75	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

23/01/2019



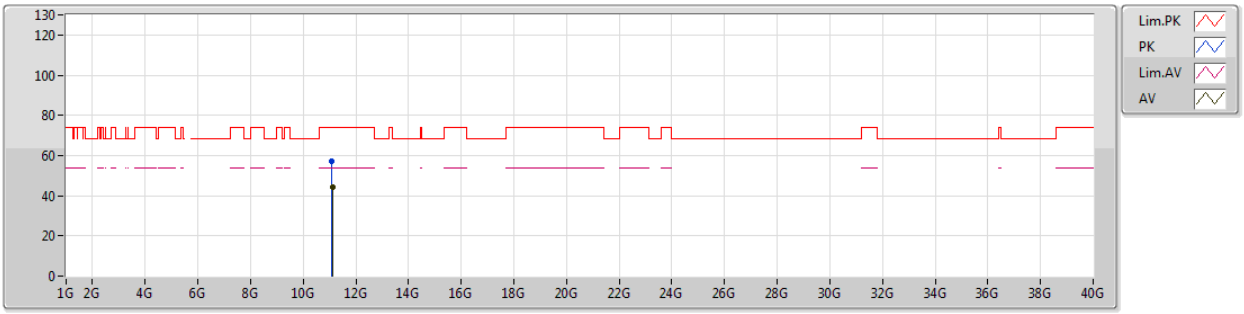
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.10184G	57.15	74.00	-16.85	16.27	3	Vertical	40	1.89	-
AV	11.09944G	44.05	54.00	-9.95	16.27	3	Vertical	40	1.89	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX

23/01/2019



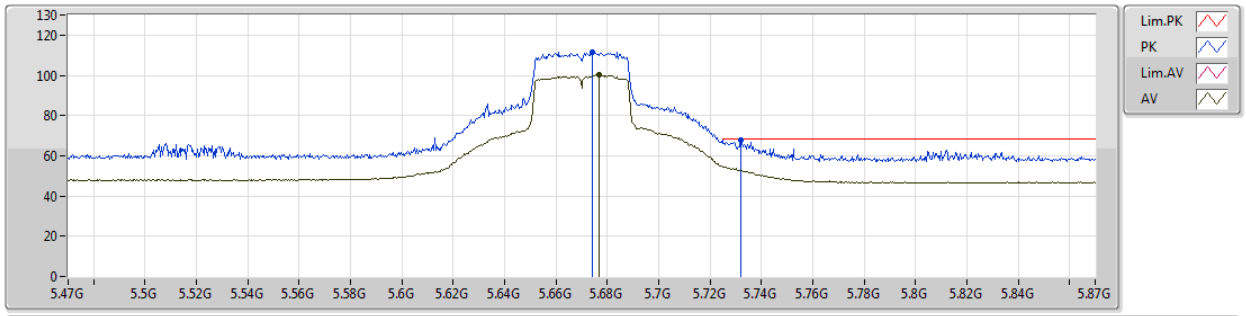
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.09604G	57.41	74.00	-16.59	16.26	3	Horizontal	125	1.94	-
AV	11.10692G	44.22	54.00	-9.78	16.29	3	Horizontal	125	1.94	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

23/01/2019



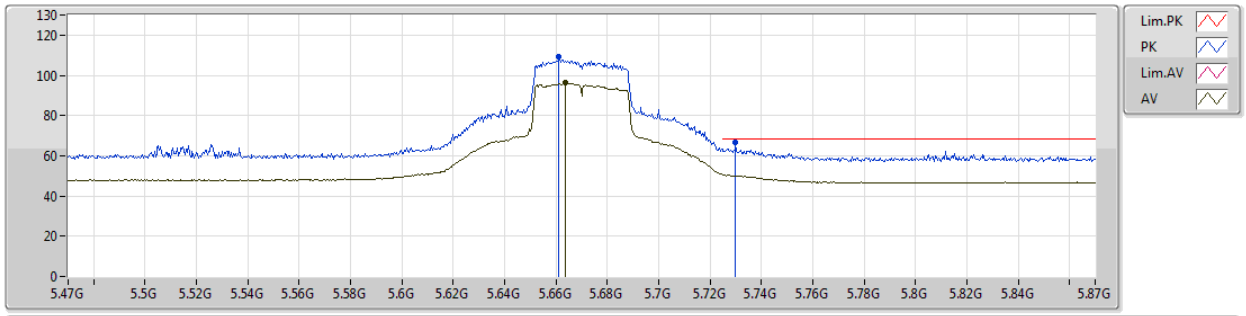
EUT Y_2TX
Setting 19
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.674G	111.40	Inf	-Inf	6.64	3	Vertical	209	1.71	-
AV	5.6768G	100.38	Inf	-Inf	6.64	3	Vertical	209	1.71	-
PK	5.732G	68.01	68.20	-0.19	6.70	3	Vertical	209	1.71	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

23/01/2019



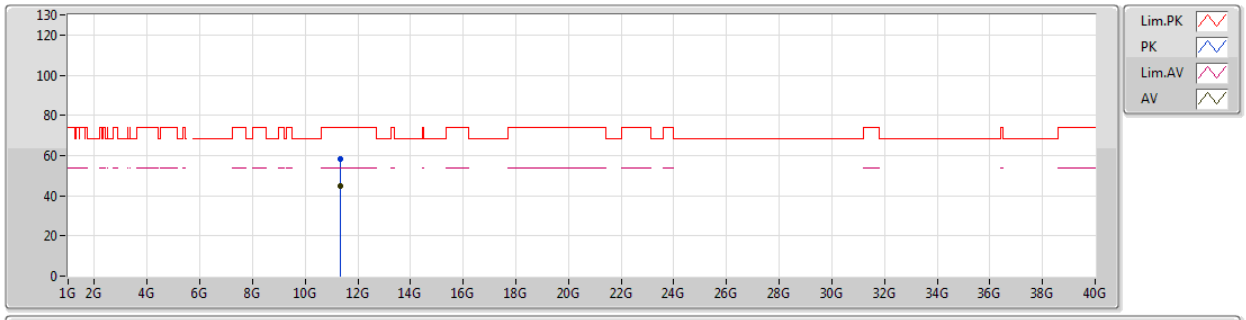
EUT Y_2TX
Setting 19
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6612G	109.52	Inf	-Inf	6.63	3	Horizontal	105	1.50	-
AV	5.6636G	96.51	Inf	-Inf	6.63	3	Horizontal	105	1.50	-
PK	5.73G	66.52	68.20	-1.68	6.69	3	Horizontal	105	1.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

23/01/2019



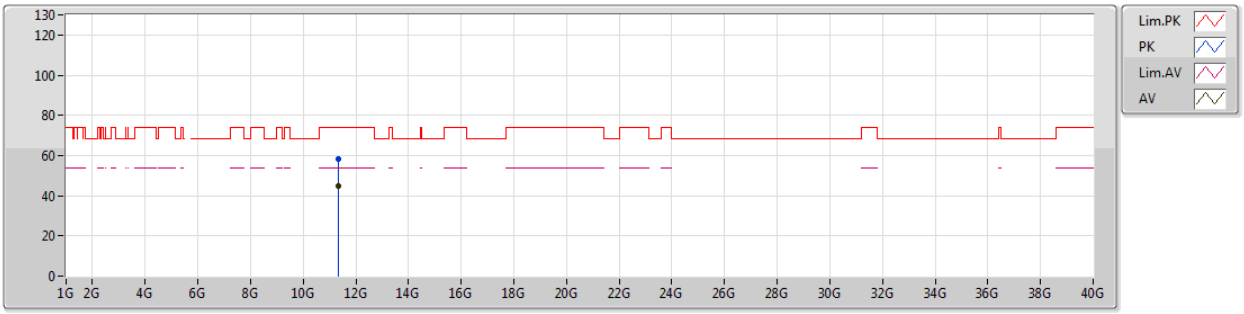
EUT Y_2TX
Setting 19
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33832G	58.20	74.00	-15.80	16.85	3	Vertical	44	1.27	-
AV	11.33048G	44.74	54.00	-9.26	16.82	3	Vertical	44	1.27	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX

23/01/2019



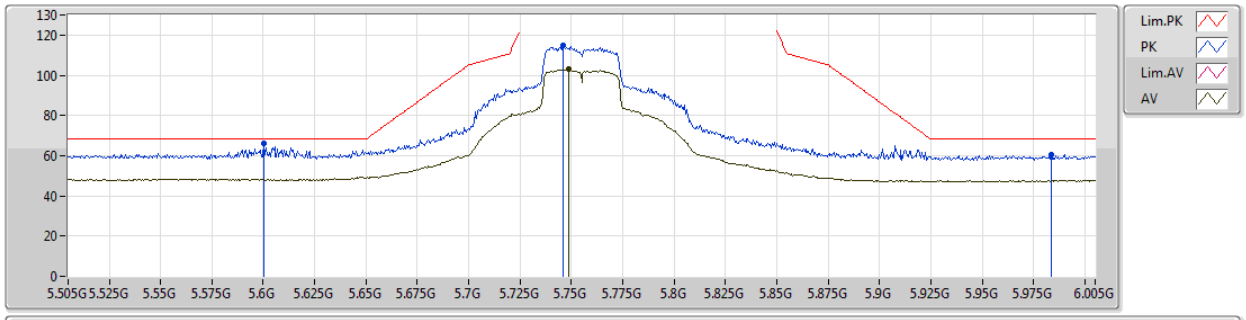
EUT Y_2TX
Setting 19
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33536G	58.28	74.00	-15.72	16.83	3	Horizontal	180	2.19	-
AV	11.3371G	44.58	54.00	-9.42	16.84	3	Horizontal	180	2.19	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

23/01/2019



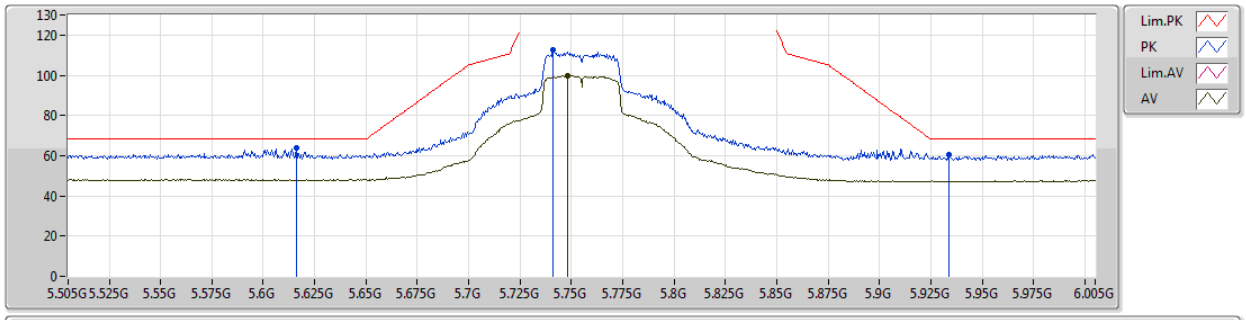
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6005G	66.02	68.20	-2.18	6.57	3	Vertical	212	1.71	-
PK	5.746G	114.67	Inf	-Inf	6.71	3	Vertical	212	1.71	-
AV	5.7485G	102.93	Inf	-Inf	6.71	3	Vertical	212	1.71	-
PK	5.9835G	60.46	68.20	-7.74	6.87	3	Vertical	212	1.71	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

23/01/2019



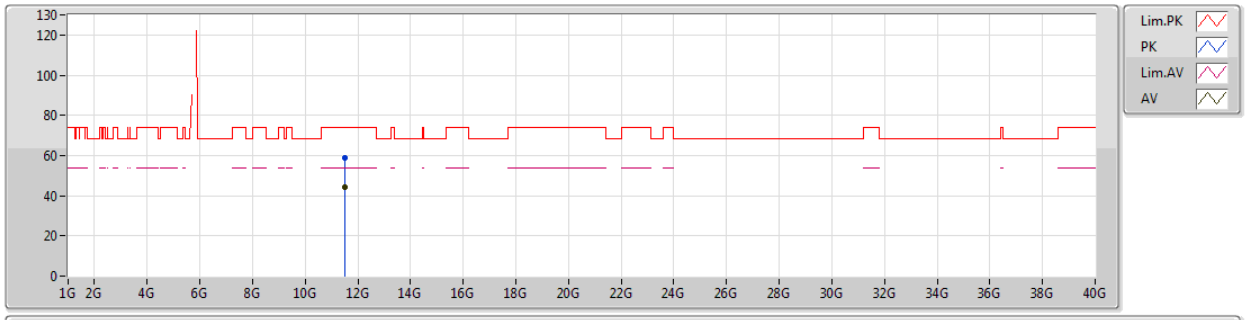
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.616G	63.66	68.20	-4.54	6.59	3	Horizontal	174	2.71	-
PK	5.741G	112.35	Inf	-Inf	6.71	3	Horizontal	174	2.71	-
AV	5.748G	99.93	Inf	-Inf	6.71	3	Horizontal	174	2.71	-
PK	5.934G	60.39	68.20	-7.81	6.84	3	Horizontal	174	2.71	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

23/01/2019



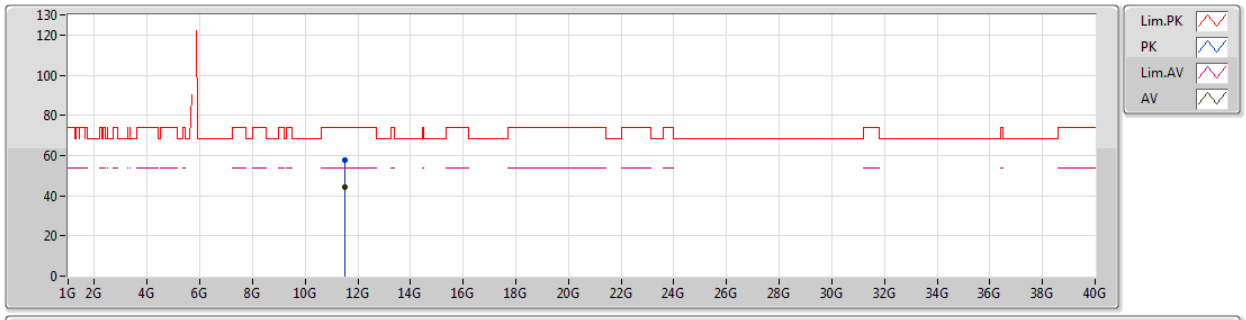
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.517G	58.61	74.00	-15.39	17.27	3	Vertical	30	1.14	-
AV	11.51936G	44.38	54.00	-9.62	17.27	3	Vertical	30	1.14	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

23/01/2019



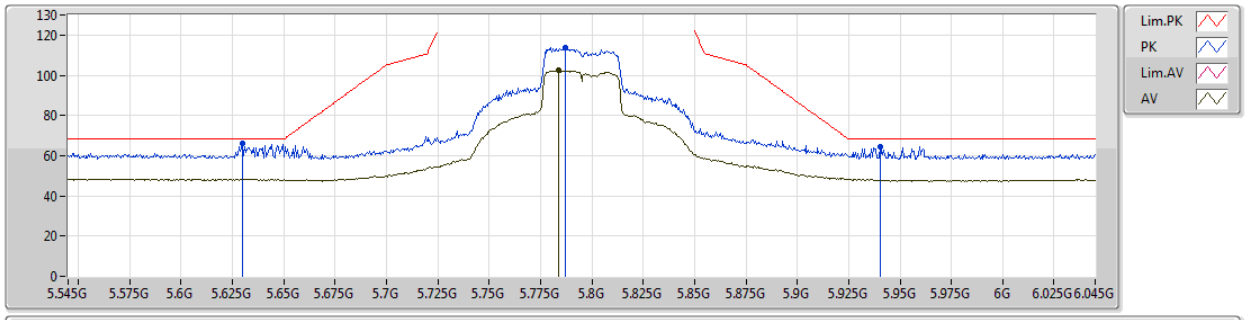
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.51312G	57.68	74.00	-16.32	17.26	3	Horizontal	114	2.46	-
AV	11.51986G	44.37	54.00	-9.63	17.27	3	Horizontal	114	2.46	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

23/01/2019



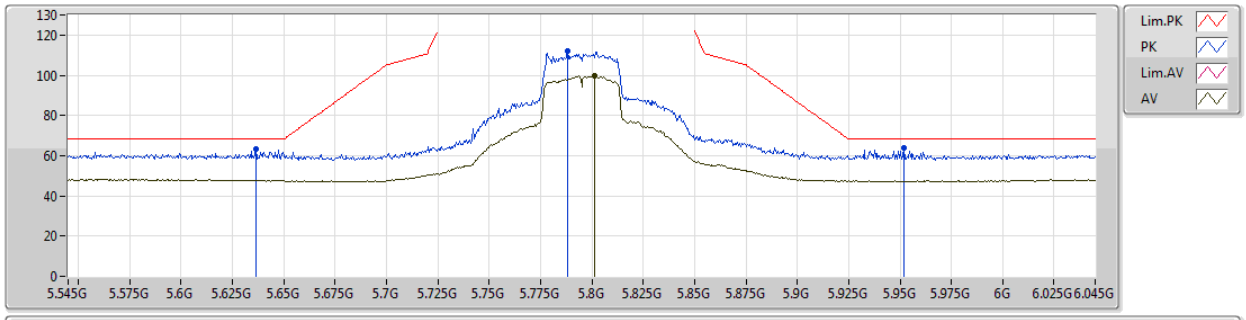
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.63G	66.17	68.20	-2.03	6.60	3	Vertical	210	1.72	-
PK	5.787G	113.86	Inf	-Inf	6.75	3	Vertical	210	1.72	-
AV	5.784G	102.39	Inf	-Inf	6.74	3	Vertical	210	1.72	-
PK	5.9405G	64.44	68.20	-3.76	6.85	3	Vertical	210	1.72	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

23/01/2019



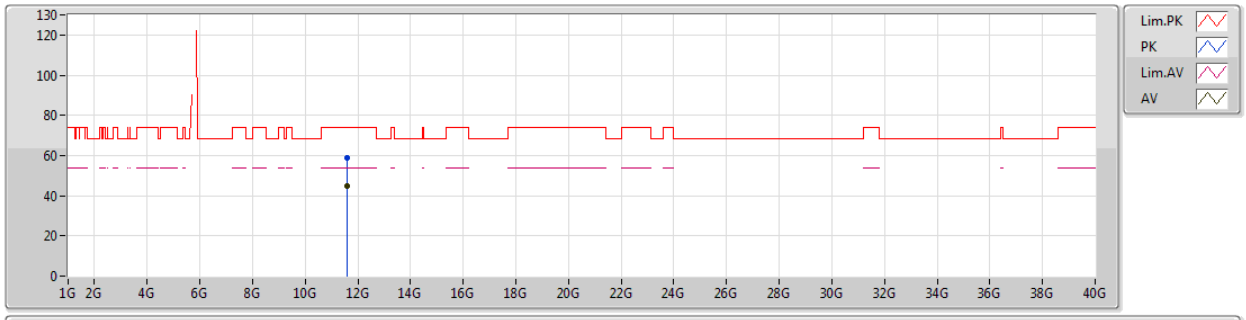
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6365G	63.22	68.20	-4.98	6.61	3	Horizontal	95	1.76	-
PK	5.788G	111.80	Inf	-Inf	6.75	3	Horizontal	95	1.76	-
AV	5.8015G	99.82	Inf	-Inf	6.76	3	Horizontal	95	1.76	-
PK	5.952G	63.82	68.20	-4.38	6.85	3	Horizontal	95	1.76	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

23/01/2019



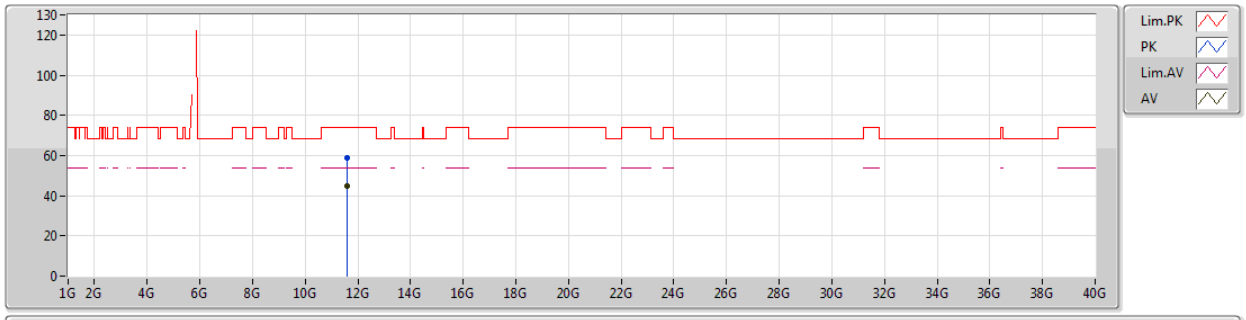
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.58874G	58.69	74.00	-15.31	17.44	3	Vertical	61	2.05	-
AV	11.59524G	44.97	54.00	-9.03	17.45	3	Vertical	61	2.05	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

23/01/2019



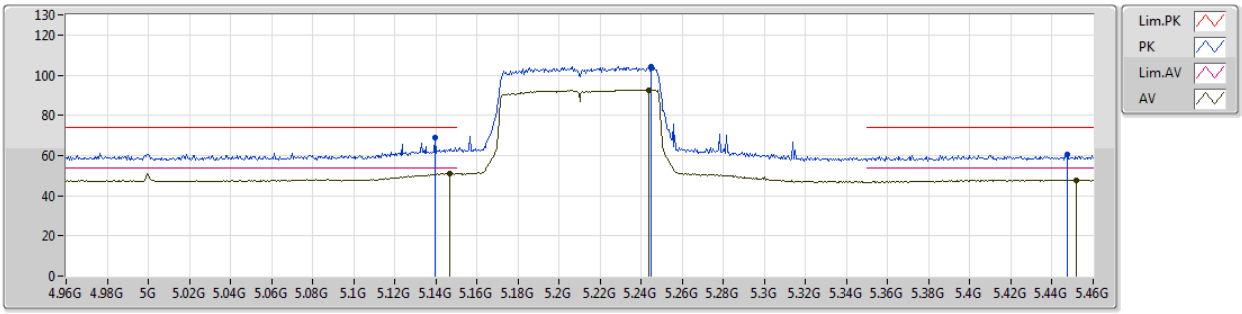
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5908G	59.06	74.00	-14.94	17.44	3	Horizontal	71	1.57	-
AV	11.59512G	45.07	54.00	-8.93	17.45	3	Horizontal	71	1.57	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

23/01/2019



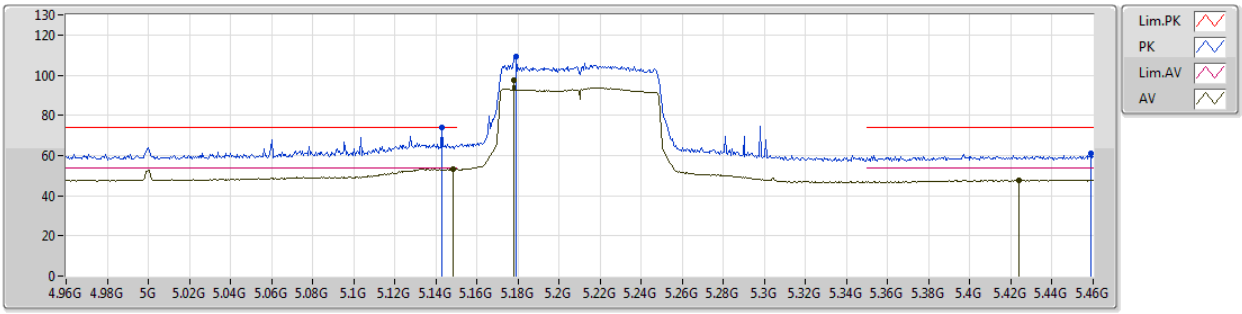
EUT Y_2TX
Setting 18
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1395G	68.90	74.00	-5.10	6.23	3	Vertical	206	1.77	-
AV	5.1465G	51.11	54.00	-2.89	6.24	3	Vertical	206	1.77	-
PK	5.245G	104.36	Inf	-Inf	6.36	3	Vertical	206	1.77	-
AV	5.2435G	92.72	Inf	-Inf	6.36	3	Vertical	206	1.77	-
PK	5.4475G	60.38	74.00	-13.62	6.58	3	Vertical	206	1.77	-
AV	5.452G	47.78	54.00	-6.22	6.57	3	Vertical	206	1.77	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

23/01/2019



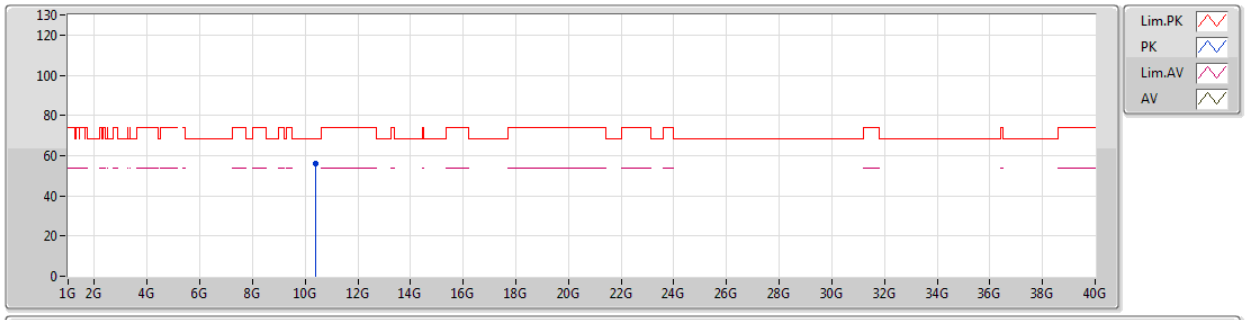
EUT Y_2TX
Setting 18
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.143G	73.76	74.00	-0.24	6.23	3	Horizontal	199	2.32	-
AV	5.1485G	53.30	54.00	-0.70	6.24	3	Horizontal	199	2.32	-
PK	5.179G	109.20	Inf	-Inf	6.26	3	Horizontal	199	2.32	-
AV	5.178G	97.46	Inf	-Inf	6.26	3	Horizontal	199	2.32	-
PK	5.459G	60.84	74.00	-13.16	6.57	3	Horizontal	199	2.32	-
AV	5.424G	47.72	54.00	-6.28	6.57	3	Horizontal	199	2.32	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

23/01/2019



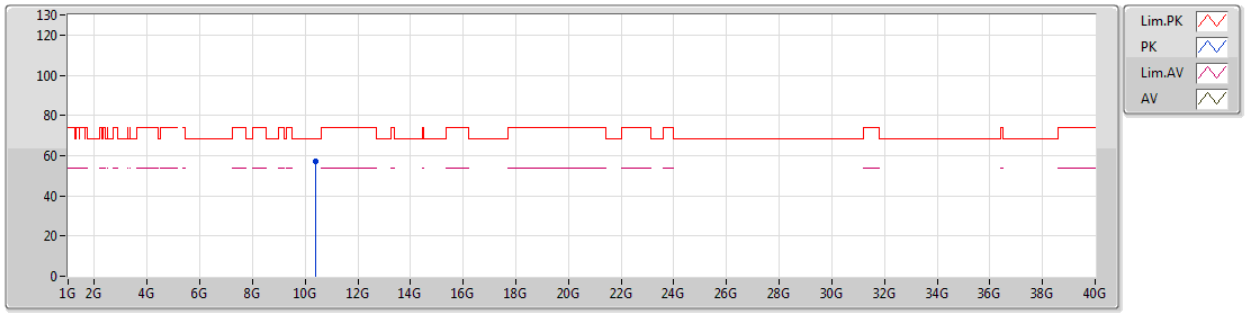
EUT Y_2TX
Setting 18
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.41566G	56.05	68.20	-12.15	14.44	3	Vertical	3	1.24	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

23/01/2019



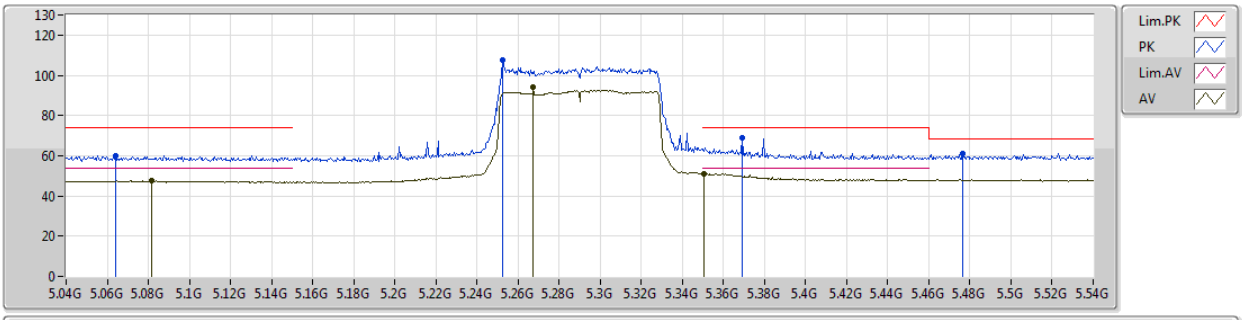
EUT Y_2TX
Setting 18
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.41532G	56.95	68.20	-11.25	14.43	3	Horizontal	147	2.44	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX

23/01/2019



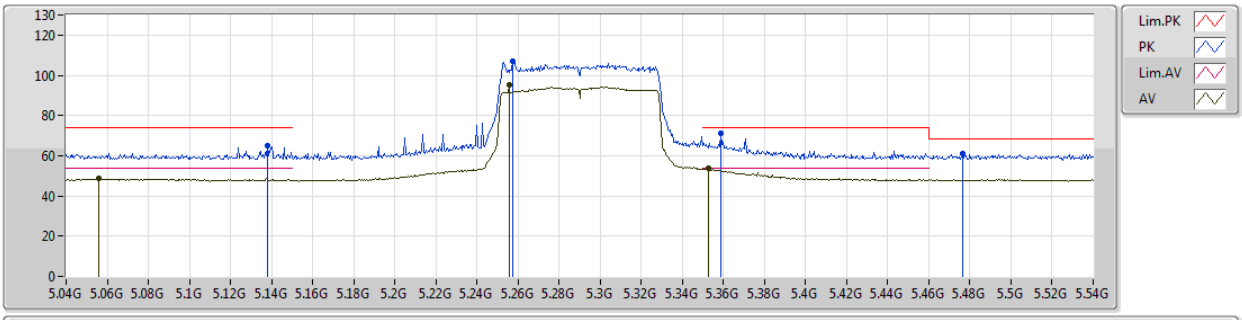
EUT Y_2TX
Setting 18
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.064G	60.00	74.00	-14.00	6.13	3	Vertical	197	1.80	-
AV	5.0815G	47.45	54.00	-6.55	6.15	3	Vertical	197	1.80	-
PK	5.2525G	107.57	Inf	-Inf	6.37	3	Vertical	197	1.80	-
AV	5.2675G	93.93	Inf	-Inf	6.39	3	Vertical	197	1.80	-
PK	5.369G	68.78	74.00	-5.22	6.52	3	Vertical	197	1.80	-
AV	5.3505G	51.01	54.00	-2.99	6.50	3	Vertical	197	1.80	-
PK	5.4765G	61.28	68.20	-6.92	6.58	3	Vertical	197	1.80	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX

23/01/2019



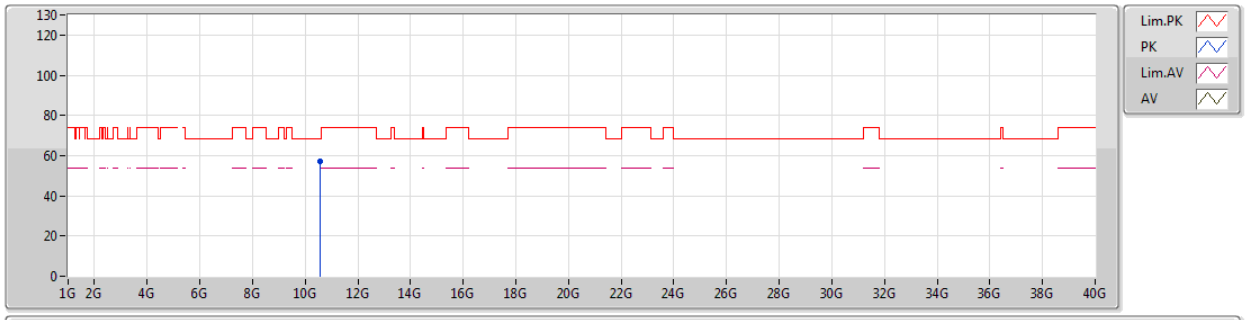
EUT Y_2TX
Setting 18
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.138G	65.09	74.00	-8.91	6.23	3	Horizontal	205	2.04	-
AV	5.056G	48.57	54.00	-5.43	6.12	3	Horizontal	205	2.04	-
PK	5.2575G	107.22	Inf	-Inf	6.37	3	Horizontal	205	2.04	-
AV	5.2555G	95.39	Inf	-Inf	6.37	3	Horizontal	205	2.04	-
PK	5.359G	71.15	74.00	-2.85	6.50	3	Horizontal	205	2.04	-
AV	5.3525G	53.56	54.00	-0.44	6.50	3	Horizontal	205	2.04	-
PK	5.4765G	61.08	68.20	-7.12	6.58	3	Horizontal	205	2.04	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX

23/01/2019



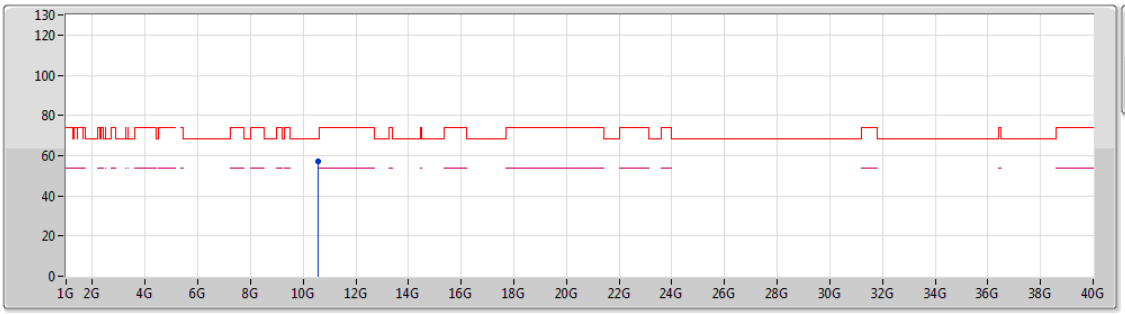
EUT Y_2TX
Setting 18
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.58116G	57.38	68.20	-10.82	14.89	3	Vertical	204	2.04	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX

23/01/2019



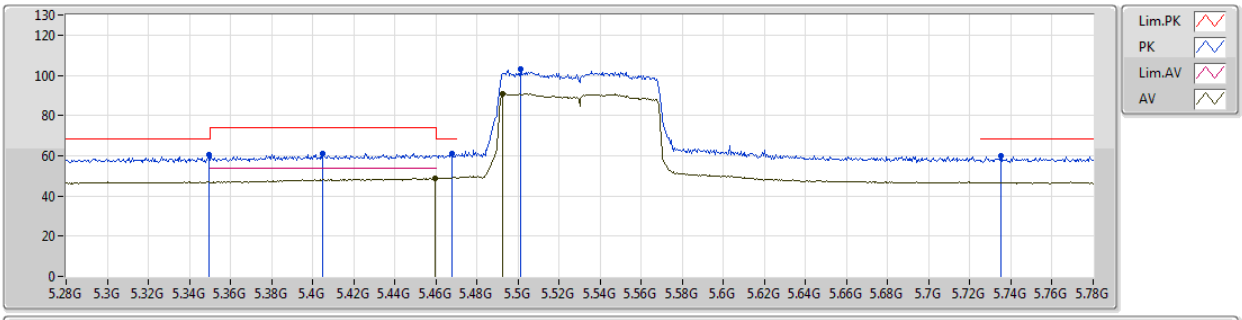
EUT Y_2TX
Setting 18
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.58894G	57.36	68.20	-10.84	14.91	3	Horizontal	152	2.34	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX

23/01/2019



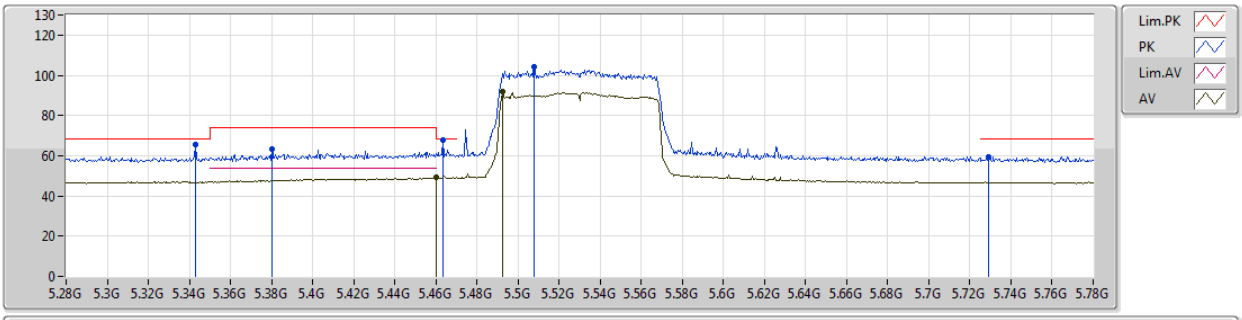
EUT Y_2TX
Setting 16
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3495G	60.73	68.20	-7.47	6.50	3	Vertical	195	1.63	-
PK	5.405G	61.17	74.00	-12.83	6.56	3	Vertical	195	1.63	-
PK	5.468G	61.04	68.20	-7.16	6.58	3	Vertical	195	1.63	-
AV	5.4595G	48.83	54.00	-5.17	6.57	3	Vertical	195	1.63	-
PK	5.5015G	102.87	Inf	-Inf	6.59	3	Vertical	195	1.63	-
AV	5.4925G	90.84	Inf	-Inf	6.59	3	Vertical	195	1.63	-
PK	5.735G	59.94	68.20	-8.26	6.70	3	Vertical	195	1.63	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX

23/01/2019



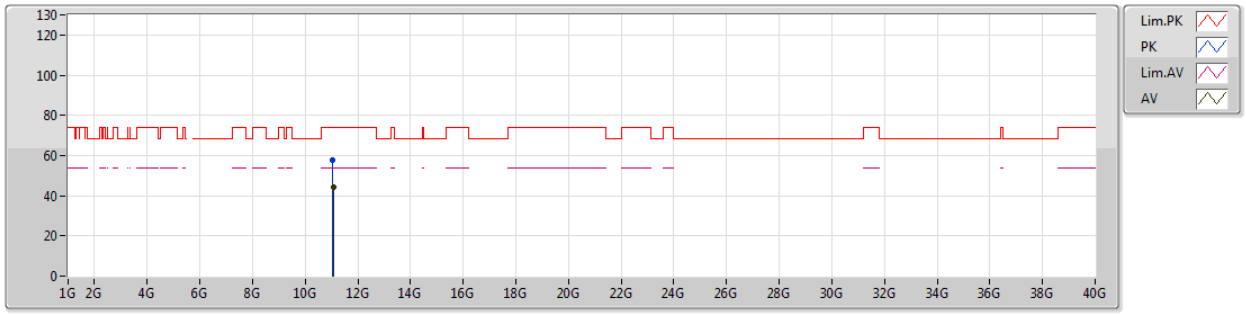
EUT Y_2TX
Setting 16
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.343G	65.49	68.20	-2.71	6.50	3	Horizontal	212	2.70	-
PK	5.38G	63.43	74.00	-10.57	6.53	3	Horizontal	212	2.70	-
AV	5.46G	49.25	54.00	-4.75	6.57	3	Horizontal	212	2.70	-
PK	5.4635G	68.06	68.20	-0.14	6.58	3	Horizontal	212	2.70	-
PK	5.508G	104.01	Inf	-Inf	6.59	3	Horizontal	212	2.70	-
AV	5.4925G	92.01	Inf	-Inf	6.59	3	Horizontal	212	2.70	-
PK	5.729G	59.63	68.20	-8.57	6.69	3	Horizontal	212	2.70	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX

23/01/2019



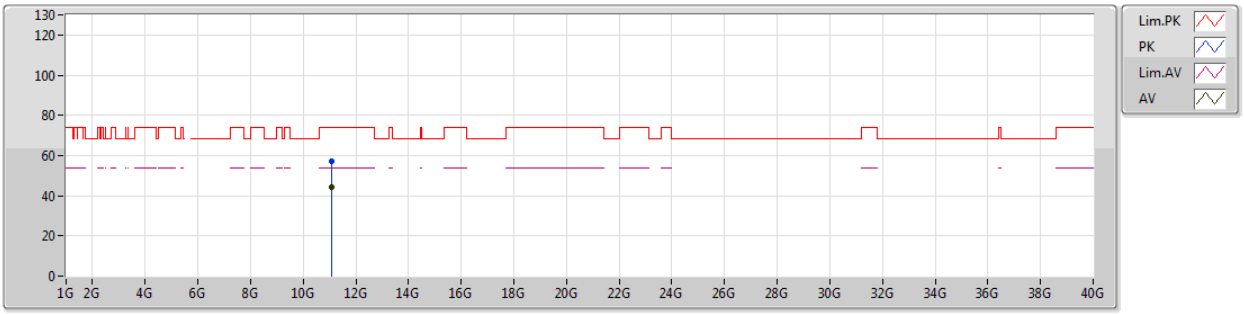
EUT Y_2TX
Setting 16
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.05904G	57.45	74.00	-16.55	16.18	3	Vertical	57	1.92	-
AV	11.06876G	43.99	54.00	-10.01	16.20	3	Vertical	57	1.92	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX

23/01/2019



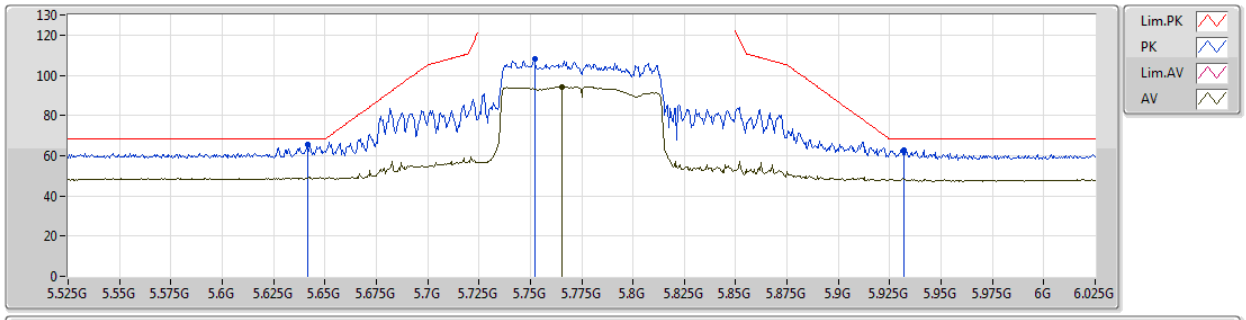
EUT Y_2TX
Setting 16
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.0692G	57.35	74.00	-16.65	16.21	3	Horizontal	48	1.60	-
AV	11.05986G	44.03	54.00	-9.97	16.19	3	Horizontal	48	1.60	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

23/01/2019



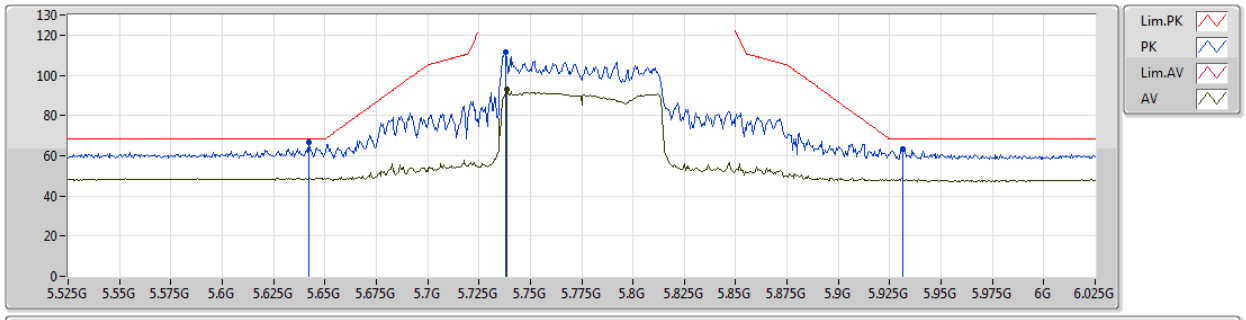
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6415G	65.59	68.20	-2.61	6.62	3	Vertical	203	1.72	-
PK	5.752G	107.96	Inf	-Inf	6.72	3	Vertical	203	1.72	-
AV	5.7655G	94.31	Inf	-Inf	6.73	3	Vertical	203	1.72	-
PK	5.932G	62.97	68.20	-5.23	6.84	3	Vertical	203	1.72	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

23/01/2019



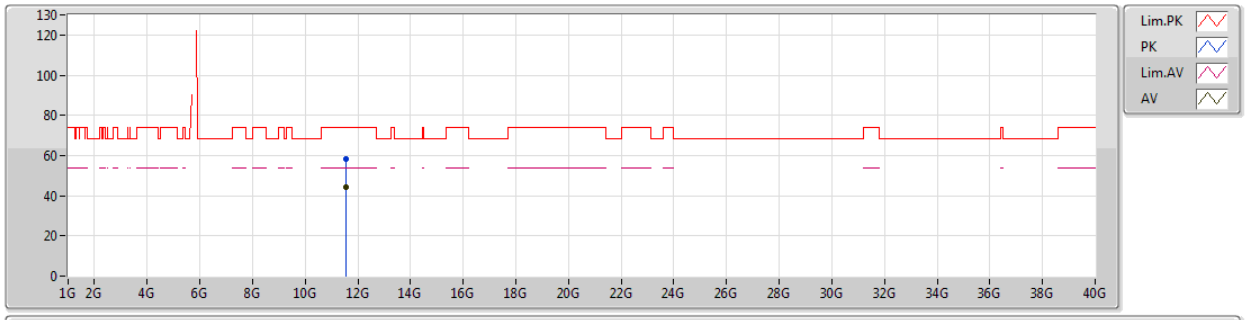
EUT Y_2TX
Setting 24
03-S-5-10
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.642G	66.48	68.20	-1.72	6.62	3	Horizontal	235	1.86	-
PK	5.738G	111.75	Inf	-Inf	6.70	3	Horizontal	235	1.86	-
AV	5.7385G	93.02	Inf	-Inf	6.70	3	Horizontal	235	1.86	-
PK	5.9315G	63.55	68.20	-4.65	6.84	3	Horizontal	235	1.86	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

23/01/2019



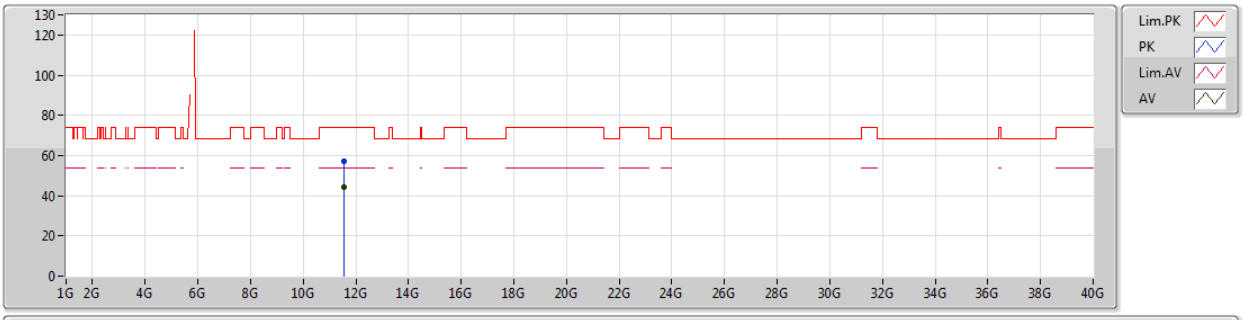
EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.55274G	58.13	74.00	-15.87	17.35	3	Vertical	44	1.89	-
AV	11.54278G	44.10	54.00	-9.90	17.32	3	Vertical	44	1.89	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

23/01/2019



EUT Y_2TX
Setting 24
03-S-5
FSP(100019)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5509G	57.07	74.00	-16.93	17.35	3	Horizontal	39	1.31	-
AV	11.55974G	44.22	54.00	-9.78	17.37	3	Horizontal	39	1.31	-