Testing Laboratory
1190

FCC RADIO TEST REPORT

FCC ID	:	QZEMPWAPUS
Equipment	:	Rocket
Brand Name	:	Juniper
Model Name	:	SRX-MP-WLAN-US, SRX-MP-WLAN-IL, SRX-MP-WLAN-WW
Applicant	:	Juniper Networks, Inc. 1133 Innovation Way Sunnyvale CA United States 94089 USA
Manufacturer	:	Accton Technology Corporation No. 1, Creation Rd. III, Science-based Industrial Park, Hsinchu, Taiwan, R.O.C.
Standard	:	47 CFR FCC Part 15.407

The product was received on Mar. 27, 2019, and testing was started from Mar. 28, 2019 and completed on Jul. 30, 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 report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

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

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Photographs of EUT v01

History of this test report

Report No.	Version	Description	Issued Date
FR932719-01AB	01	Initial issue of report	Aug. 12, 2019
FR932719-01AB	02	Changing the Applicant address to “1133 Innovation Way Sunnyvale CA United States 94089 USA” from “1194 North Mathilda Avenue Sunnyvale, California 94089-1206 USA”	Sep. 02, 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	-
Note: Reference to Sporton Project No.: 932719.				

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: Sam Chen

Report Producer: Sandy Chuang

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5150-5250	a, n (HT20), ac (VHT20)	5180-5240	36-48 [4]
5250-5350		5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5725-5850		5745-5825	149-165 [5]
5150-5250	n (HT40), ac (VHT40)	5190-5230	38-46 [2]
5250-5350		5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5725-5850		5755-5795	151-159 [2]
5150-5250	ac (VHT80)	5210	42 [1]
5250-5350		5290	58 [1]
5470-5725		5530-5610	106-122 [2]
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	802.11ac VHT20	20	2TX
5.15-5.25GHz	802.11n HT40	40	2TX
5.15-5.25GHz	802.11ac VHT40	40	2TX
5.15-5.25GHz	802.11ac VHT80	80	2TX
5.25-5.35GHz	802.11a	20	2TX
5.25-5.35GHz	802.11n HT20	20	2TX
5.25-5.35GHz	802.11ac VHT20	20	2TX
5.25-5.35GHz	802.11n HT40	40	2TX
5.25-5.35GHz	802.11ac VHT40	40	2TX
5.25-5.35GHz	802.11ac VHT80	80	2TX
5.47-5.725GHz	802.11a	20	2TX
5.47-5.725GHz	802.11n HT20	20	2TX
5.47-5.725GHz	802.11ac VHT20	20	2TX
5.47-5.725GHz	802.11n HT40	40	2TX
5.47-5.725GHz	802.11ac VHT40	40	2TX
5.47-5.725GHz	802.11ac VHT80	80	2TX
5.725-5.85GHz	802.11a	20	2TX
5.725-5.85GHz	802.11n HT20	20	2TX
5.725-5.85GHz	802.11ac VHT20	20	2TX
5.725-5.85GHz	802.11n HT40	40	2TX
5.725-5.85GHz	802.11ac VHT40	40	2TX
5.725-5.85GHz	802.11ac VHT80	80	2TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Type	Connector	Antenna Gain (dBi)		Loss of External Cable (dB)		True Gain (dBi)	
						2.4G	5G	2.4G	5G	2.4G	5G
1	1	MAG. LAYERS	EDA-1713-25G R2-A3	Dipole	Reversed-SMA	5.5	5.5	0.74	1.18	4.76	4.32
2	2	MAG. LAYERS	EDA-1713-25G R2-A3	Dipole	Reversed-SMA	5.5	5.5	0.74	1.18	4.76	4.32

Note 1: The above information was declared by manufacturer.

Note 2: The EUT has two antennas. (2TX, 2RX)

Port 1 and Port 2 could transmit/receive simultaneously.

Note 3: There are two modes of EUT for Radiated and RF Conducted above 1GHz tests, one is “EUT + Antenna cable + Antenna”, the other is “EUT + Antenna”.

Only the higher gain mode “EUT + Antenna” was tested and recorded in the report.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.964	0.159	2.068m	1k
802.11ac VHT20	0.989	0.048	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.97	0.132	2.44m	1k
802.11ac VHT80	0.938	0.278	1.153m	1k

1.1.4 EUT Operational Condition

EUT Power Type	From host system			
Beamforming Function	☐	With beamforming	☒	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Function	☐	Outdoor P2M	☒	Indoor P2M
	☐	Fixed P2P	☐	Client
TPC Function	☒	With TPC	☐	Without TPC
Test Software Version	QCA Radio Control Toolkit v3.0.233.0			

Note: The above information was declared by manufacturer.

1.1.5 Table for Multiple Listing

The EUT has three model names which are identical to each other in all aspects except for the following table:

Model Name	Description
SRX-MP-WLAN-US	There is nothing different of three models, just for different marketing use.
SRX-MP-WLAN-IL	
SRX-MP-WLAN-WW	

From the above models, model: SRX-MP-WLAN-US was selected as representative model for the test and its data was recorded in this report.

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	Ekko Hsieh	21~23℃ / 54~56%	Apr. 06, 2019~May 21, 2019
Radiated (others test)	03CH01-CB	Ekko Hsieh	22~24℃ / 47~64%	Mar. 28, 2019 ~May 13, 2019
Radiated (co-location)	03CH01-CB	Ekko Hsieh	22~24℃ / 47~64%	Jul. 30, 2019
AC Conduction	CO01-CB	Ryo Fan	21.4~22.3℃ / 56~59%	Apr. 18, 2019

Test site Designation No. TW0006 with FCC
Test site registered number IC 4086B 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	Power Setting
802.11a_Nss1,(6Mbps)_2TX	-
5180MHz	17
5200MHz	17
5240MHz	17.5
5260MHz	17.5
5300MHz	18
5320MHz	18
5500MHz	17.5
5580MHz	19
5700MHz	15
5745MHz	20
5785MHz	20
5825MHz	20
802.11ac VHT20_Nss1,(MCS0)_2TX	-
5180MHz	17
5200MHz	17
5240MHz	17.5
5260MHz	17.5
5300MHz	18
5320MHz	18
5500MHz	19
5580MHz	19
5700MHz	13
5745MHz	20
5785MHz	20
5825MHz	20
802.11ac VHT40_Nss1,(MCS0)_2TX	-
5190MHz	14.5
5230MHz	16
5270MHz	17
5310MHz	12

Mode	Power Setting
5510MHz	13
5550MHz	18
5670MHz	15.5
5755MHz	16.5
5795MHz	19
802.11ac VHT80_Nss1,(MCS0)_2TX	-
5210MHz	13
5290MHz	13.5
5530MHz	13.5
5610MHz	18
5775MHz	16.5

Note:
- 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.

2.2 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	CTX
1	EUT + Antenna cable + Antenna / WLAN 2.4GHz
2	EUT + Antenna cable + Antenna / WLAN 5GHz
3	EUT + Antenna / WLAN 2.4GHz
4	EUT + Antenna / WLAN 5GHz
For operating mode 3 is the worst case and it was record in this test report.	

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

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode < 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions test, and the worst case was found at Z axis for Unwanted Emissions above 1GHz test. So the measurement will follow this same test configuration.	
1	EUT in Z axis + Antenna cable + Antenna / WLAN 2.4GHz
2	EUT in Z axis + Antenna cable + Antenna / WLAN 5GHz
3	EUT in Z axis + Antenna / WLAN 2.4GHz
4	EUT in Z axis + Antenna / WLAN 5GHz
For operating mode 2 is the worst case and it was record in this test report.	
Operating Mode > 1GHz	CTX
The EUT was performed at X axis, Y axis and Z axis position for Unwanted Emissions test, and the worst case was found at Z axis. So the measurement will follow this same test configuration.	
1	EUT in Z axis + Antenna

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Radiated Emission Co-location
Test Condition	Radiated measurement
Operating Mode	Normal Link
1	WLAN 2.4GHz+ WLAN 5GHz
Refer to Appendix F for Radiated Emission Co-location.	

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

N/A

2.5 Support Equipment

For AC Conduction:

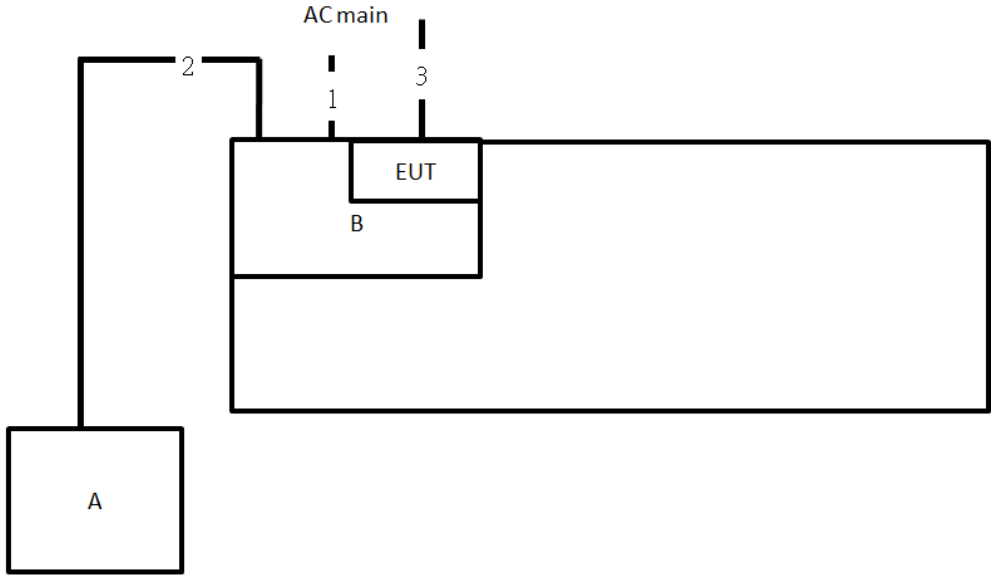
Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	LAN NB	DELL	E6430	N/A
B	Fixture	Accton	142000001732A	N/A

For Radiated and RF Conducted:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	N/A
B	Fixture	Accton	142000001732A	N/A

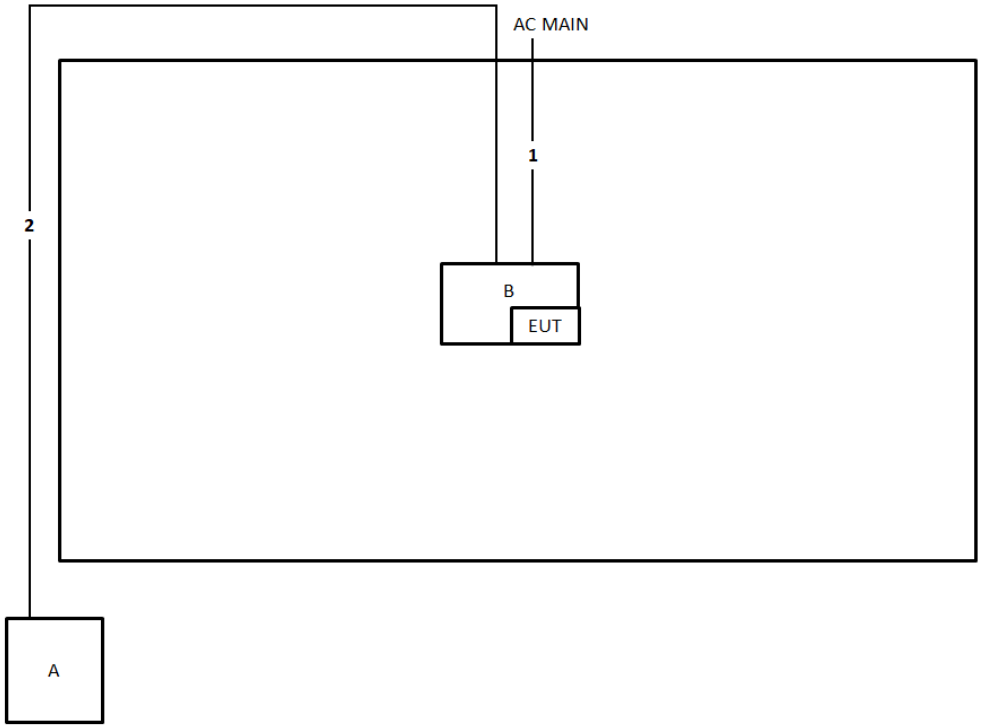
2.6 Test Setup Diagram

Test Setup Diagram – AC Line Conducted Emission Test



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

Test Setup Diagram - Radiated Test



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

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

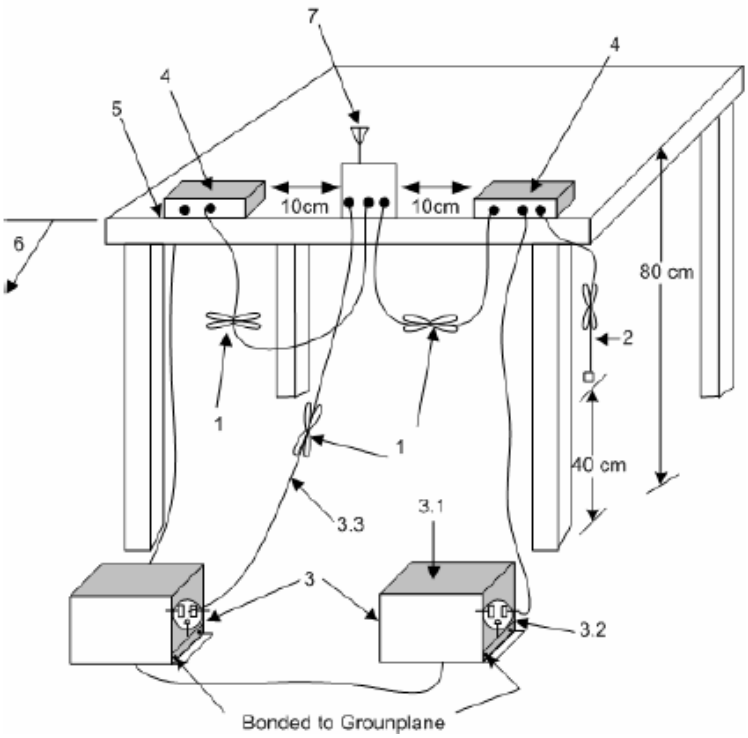
Refer a test equipment and calibration data table in this test report.

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

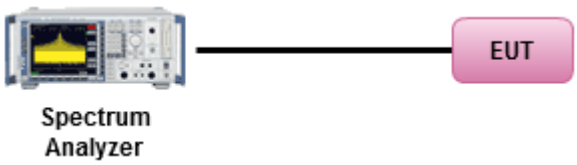
Refer a test equipment and calibration data table in this test report.

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.	

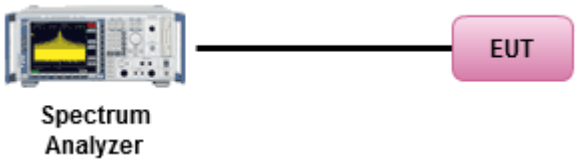
3.4.2 Measuring Instruments

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.

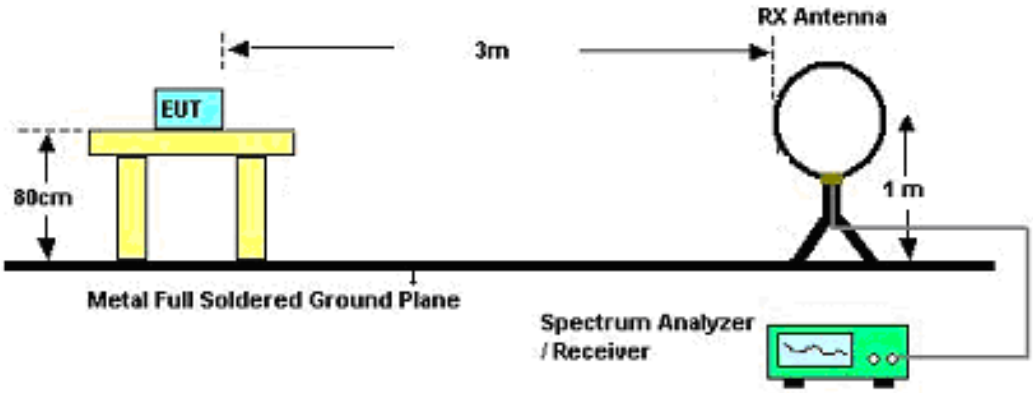
3.5.3 Test Procedures

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.	
▪ 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.			

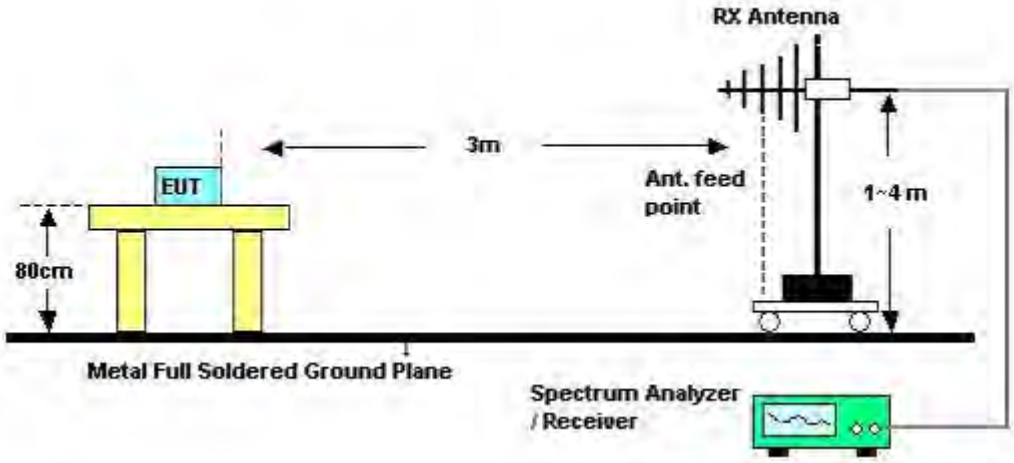
3.5.4 Test Setup

Transmitter Radiated Unwanted Emissions

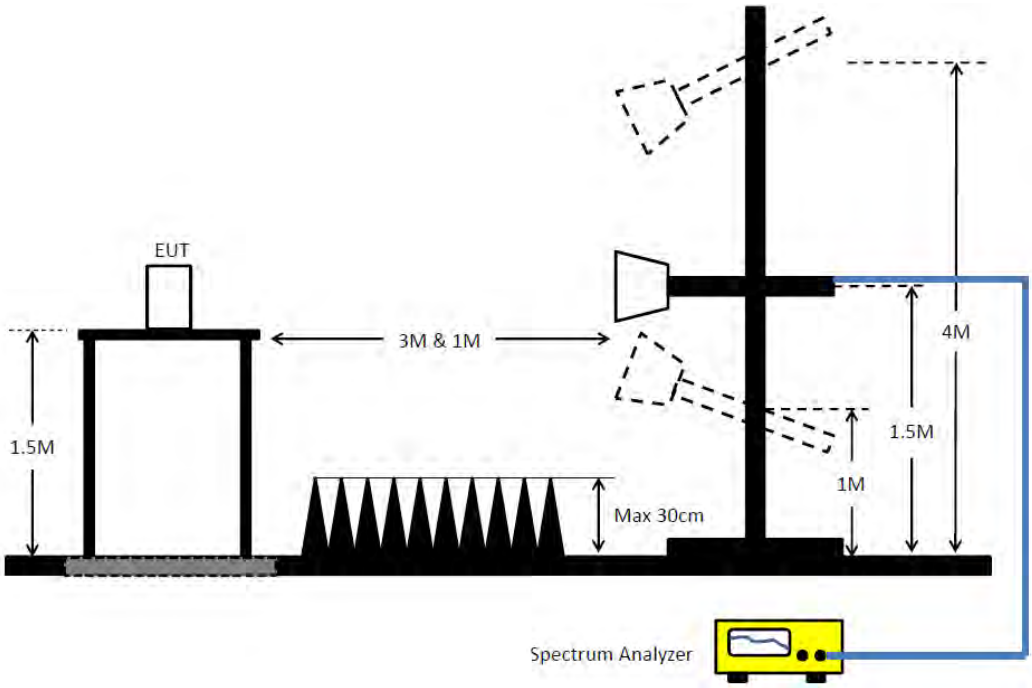
9kHz ~30MHz



30MHz~1GHz



Above 1GHz



3.5.5 Measurement Results Calculation

The measured Level is calculated using:
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

3.5.6 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.

3.5.7 Test Result of Transmitter Unwanted Emissions

Refer as Appendix E

4 Test Equipment and Calibration Data

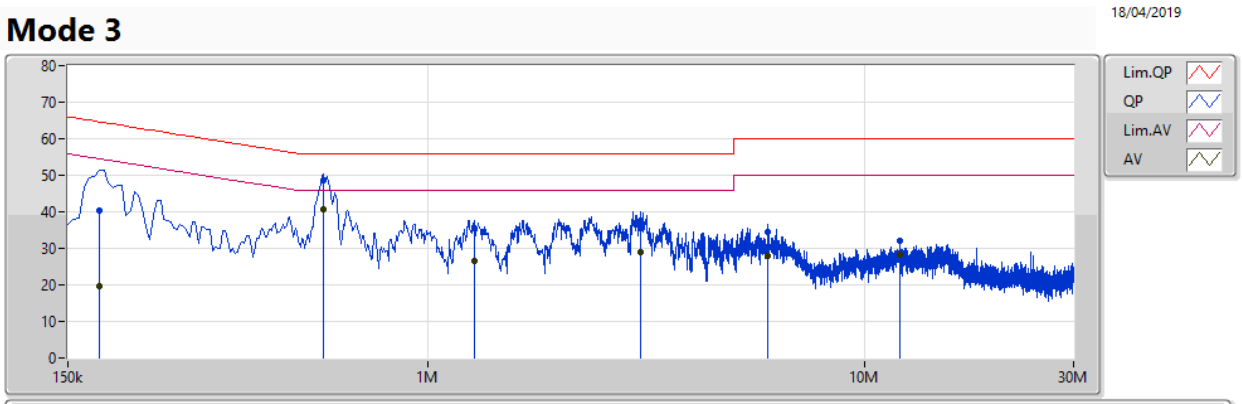
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 28, 2019	Jan. 29, 2020	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50 -16-2	04083	150kHz ~ 100MHz	Dec. 24, 2018	Dec. 23, 2019	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Jan. 11, 2019	Jan. 10, 2020	Conduction (CO01-CB)
COND Cable	Woken	Cable	Low cable-CO01	150kHz ~ 30MHz	May 22, 2018	May 21, 2019	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	N.C.R.	Conduction (CO01-CB)
Loop Antenna	Teseq	HLA 6120	31244	9kHz - 30 MHz	Mar. 15, 2019	Mar. 14, 2020	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 29, 2019	Mar. 28, 2020	Radiation (03CH01-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)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 13, 2018	Nov. 12, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA917025 2	15GHz ~ 40GHz	Jun. 28, 2018	Jun. 27, 2019	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA917025 2	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980391	20MHz ~ 3GHz	Jun. 13, 2018	Jun. 12, 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)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Jan. 31, 2019	Jan. 30, 2020	Radiation (03CH01-CB)
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 ~ 1 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 27, 2018	Jul. 26, 2019	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Feb. 25, 2019	Feb. 24, 2020	Conducted (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)
RF Cable-high	Woken	RG402	High Cable-28	1 GHz –26.5 GHz	Nov. 19, 2018	Nov. 18, 2019	Conducted (TH01-CB)
Power Sensor	Agilent	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.

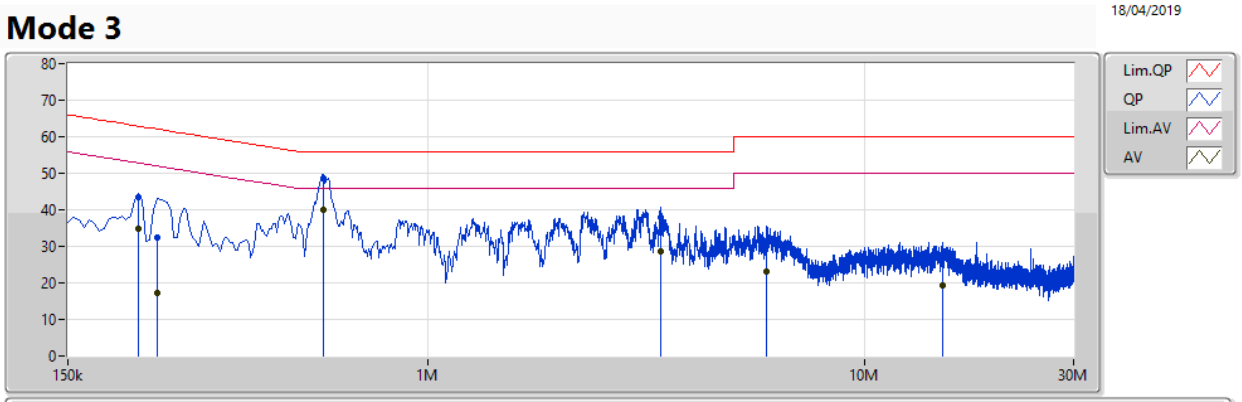
AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Line
Operating Function	CTX		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	177k	40.19	64.62	-24.43	10.00	Line	-	30.19	0.06	0.15	9.79
AV	177k	19.59	54.62	-35.03	10.00	Line	-	9.59	0.06	0.15	9.79
QP	577.5k	48.69	56.00	-7.31	10.02	Line	-	38.67	0.06	0.15	9.81
AV	577.5k	40.54	46.00	-5.46	10.02	Line	"Worst"	30.52	0.06	0.15	9.81
QP	1.275M	35.49	56.00	-20.51	10.11	Line	-	25.38	0.08	0.21	9.82
AV	1.275M	26.71	46.00	-19.29	10.11	Line	-	16.60	0.08	0.21	9.82
QP	3.062M	37.67	56.00	-18.33	10.10	Line	-	27.57	0.11	0.17	9.82
AV	3.062M	28.95	46.00	-17.05	10.10	Line	-	18.85	0.11	0.17	9.82
QP	6.005M	34.51	60.00	-25.49	10.16	Line	-	24.35	0.16	0.14	9.86
AV	6.005M	27.79	50.00	-22.21	10.16	Line	-	17.63	0.16	0.14	9.86
QP	12.003M	32.19	60.00	-27.81	10.33	Line	-	21.86	0.23	0.18	9.92
AV	12.003M	28.32	50.00	-21.68	10.33	Line	-	17.99	0.23	0.18	9.92

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

AC Power-line Conducted Emissions Result			
Operating Mode	3	**Power Phase**	Neutral
Operating Function	CTX		



Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	AF	CL	AT
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)
QP	217.5k	43.59	62.92	-19.33	9.97	Neutral	-	33.62	0.04	0.14	9.79
AV	217.5k	34.83	52.92	-18.09	9.97	Neutral	-	24.86	0.04	0.14	9.79
QP	240k	32.49	62.10	-29.61	9.97	Neutral	-	22.52	0.04	0.13	9.80
AV	240k	17.39	52.10	-34.71	9.97	Neutral	-	7.42	0.04	0.13	9.80
QP	577.5k	48.57	56.00	-7.43	10.01	Neutral	-	38.56	0.05	0.15	9.81
AV	577.5k	39.96	46.00	-6.04	10.01	Neutral	"Worst"	29.95	0.05	0.15	9.81
QP	3.417M	37.81	56.00	-18.19	10.05	Neutral	-	27.76	0.09	0.15	9.81
AV	3.417M	28.55	46.00	-17.45	10.05	Neutral	-	18.50	0.09	0.15	9.81
QP	5.955M	31.18	60.00	-28.82	10.14	Neutral	-	21.04	0.14	0.14	9.86
AV	5.955M	23.16	50.00	-26.84	10.14	Neutral	-	13.02	0.14	0.14	9.86
QP	15.086M	27.03	60.00	-32.97	10.37	Neutral	-	16.66	0.23	0.22	9.92
AV	15.086M	19.40	50.00	-30.60	10.37	Neutral	-	9.03	0.23	0.22	9.92

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	38.325M	18.041M	18M0D1D	34.975M	16.767M
802.11ac VHT20_Nss1,(MCS0)_2TX	43.25M	18.766M	18M8D1D	38.7M	17.941M
802.11ac VHT40_Nss1,(MCS0)_2TX	85.05M	37.481M	37M5D1D	70.25M	36.432M
802.11ac VHT80_Nss1,(MCS0)_2TX	91.1M	76.162M	76M2D1D	89.1M	75.962M
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	39.175M	18.591M	18M6D1D	34.925M	16.992M
802.11ac VHT20_Nss1,(MCS0)_2TX	43.725M	19.415M	19M4D1D	39.95M	18.116M
802.11ac VHT40_Nss1,(MCS0)_2TX	87.15M	38.481M	38M5D1D	45.05M	36.332M
802.11ac VHT80_Nss1,(MCS0)_2TX	96.3M	76.162M	76M2D1D	89.8M	76.062M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	36.9M	17.641M	17M6D1D	25.825M	16.642M
802.11ac VHT20_Nss1,(MCS0)_2TX	43.175M	18.741M	18M7D1D	24.2M	17.766M
802.11ac VHT40_Nss1,(MCS0)_2TX	84.85M	37.681M	37M7D1D	44.45M	36.232M
802.11ac VHT80_Nss1,(MCS0)_2TX	190.8M	77.361M	77M4D1D	89.1M	76.062M
5.725-5.85GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	16.325M	36.707M	36M7D1D	15.825M	34.533M
802.11ac VHT20_Nss1,(MCS0)_2TX	17.65M	39.305M	39M3D1D	17.525M	37.156M
802.11ac VHT40_Nss1,(MCS0)_2TX	36.3M	77.861M	77M9D1D	36M	40.83M
802.11ac VHT80_Nss1,(MCS0)_2TX	76.2M	97.651M	97M7D1D	75.6M	77.561M

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

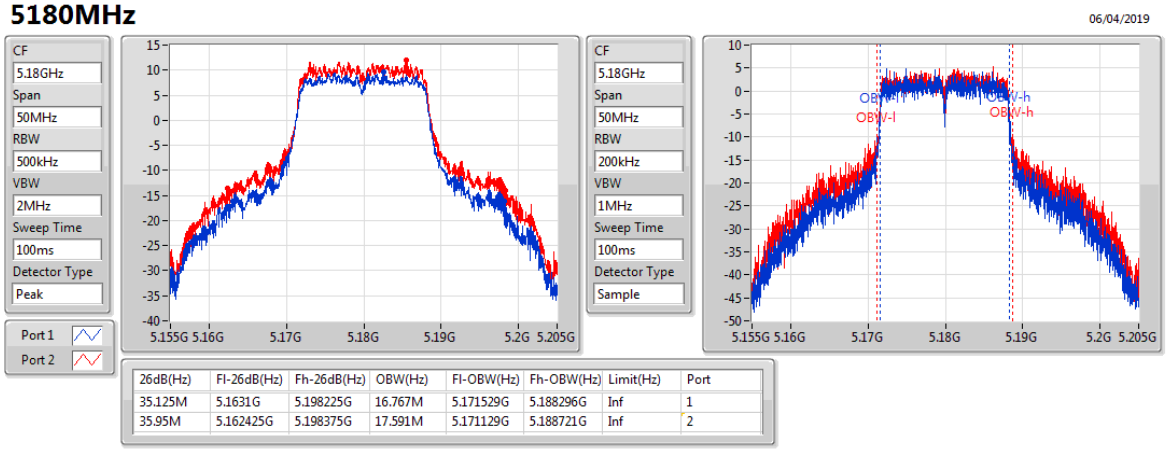
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	35.125M	16.767M	35.95M	17.591M
5200MHz	Pass	Inf	35.975M	16.842M	36.7M	17.816M
5240MHz	Pass	Inf	38.325M	18.041M	34.975M	16.942M
5260MHz	Pass	Inf	37.075M	17.366M	34.925M	16.992M
5300MHz	Pass	Inf	39.175M	18.591M	35.25M	17.041M
5320MHz	Pass	Inf	38.325M	18.191M	36.075M	17.741M
5500MHz	Pass	Inf	28.6M	16.692M	25.925M	16.692M
5580MHz	Pass	Inf	36.9M	17.266M	36.15M	17.641M
5700MHz	Pass	Inf	25.825M	16.642M	34.55M	16.692M
5745MHz	Pass	500k	16.325M	36.082M	16.325M	36.532M
5785MHz	Pass	500k	16.325M	34.533M	16.3M	36.707M
5825MHz	Pass	500k	16.3M	36.057M	15.825M	36.582M
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	Inf	38.825M	17.991M	42.95M	18.691M
5200MHz	Pass	Inf	38.7M	17.941M	43.075M	18.566M
5240MHz	Pass	Inf	43.25M	18.766M	39.925M	18.066M
5260MHz	Pass	Inf	43.1M	18.616M	39.95M	18.116M
5300MHz	Pass	Inf	43.725M	19.415M	42.025M	18.191M
5320MHz	Pass	Inf	43.45M	19.215M	43.225M	18.616M
5500MHz	Pass	Inf	42.775M	18.141M	42.45M	18.241M
5580MHz	Pass	Inf	43.1M	18.316M	43.175M	18.741M
5700MHz	Pass	Inf	24.2M	17.766M	24.325M	17.791M
5745MHz	Pass	500k	17.575M	38.506M	17.575M	39.305M
5785MHz	Pass	500k	17.625M	37.156M	17.65M	39.03M
5825MHz	Pass	500k	17.625M	38.481M	17.525M	38.431M
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	Inf	70.25M	36.432M	71.1M	36.482M
5230MHz	Pass	Inf	84.5M	36.932M	85.05M	37.481M
5270MHz	Pass	Inf	87.15M	38.481M	84.5M	37.181M
5310MHz	Pass	Inf	54.5M	36.382M	45.05M	36.332M
5510MHz	Pass	Inf	44.45M	36.232M	45.05M	36.332M
5550MHz	Pass	Inf	84.85M	37.081M	84.85M	37.681M
5670MHz	Pass	Inf	73.7M	36.582M	84.6M	37.231M
5755MHz	Pass	500k	36.3M	40.83M	36.25M	56.172M
5795MHz	Pass	500k	36.25M	67.166M	36M	77.861M
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	Inf	91.1M	76.162M	89.1M	75.962M
5290MHz	Pass	Inf	96.3M	76.162M	89.8M	76.062M
5530MHz	Pass	Inf	90.4M	76.062M	89.1M	76.262M
5610MHz	Pass	Inf	176.1M	76.562M	190.8M	77.361M
5775MHz	Pass	500k	76.2M	77.561M	75.6M	97.651M

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

802.11a_Nss1,(6Mbps)_2TX EBW

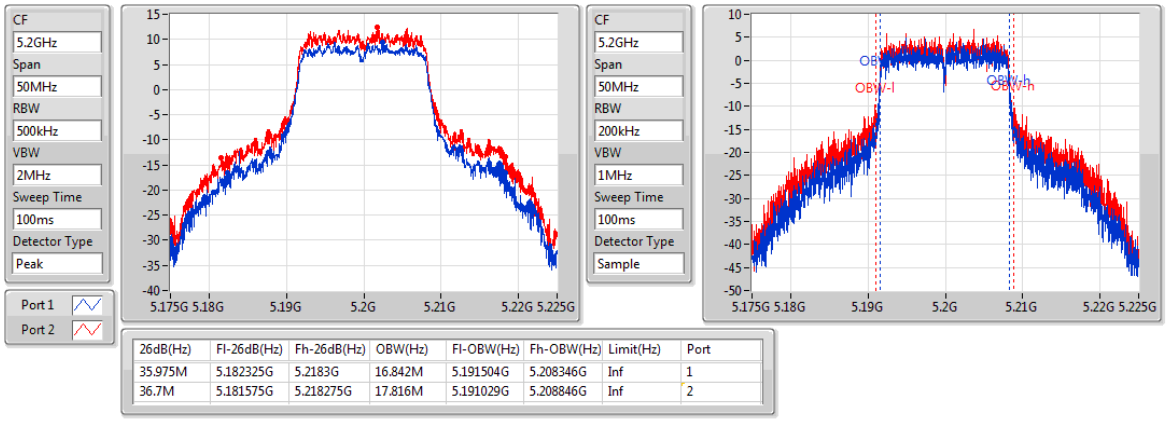
5180MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.125M	5.1631G	5.198225G	16.767M	5.171529G	5.188296G	Inf	1
35.95M	5.162425G	5.198375G	17.591M	5.171129G	5.188721G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

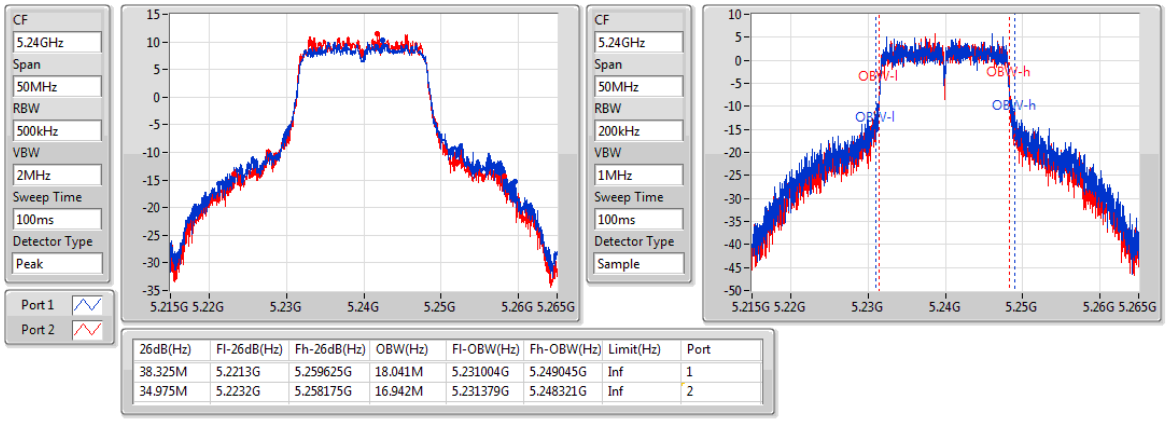
5200MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.975M	5.182325G	5.2183G	16.842M	5.191504G	5.208346G	Inf	1
36.7M	5.181575G	5.218275G	17.816M	5.191029G	5.208846G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

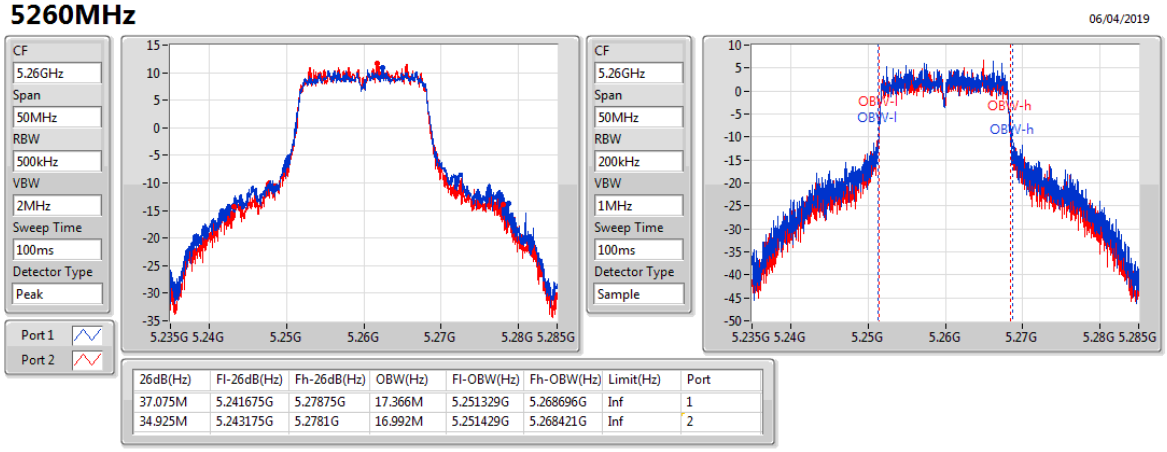
5240MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.325M	5.2213G	5.259625G	18.041M	5.231004G	5.249045G	Inf	1
34.975M	5.2232G	5.258175G	16.942M	5.231379G	5.248321G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

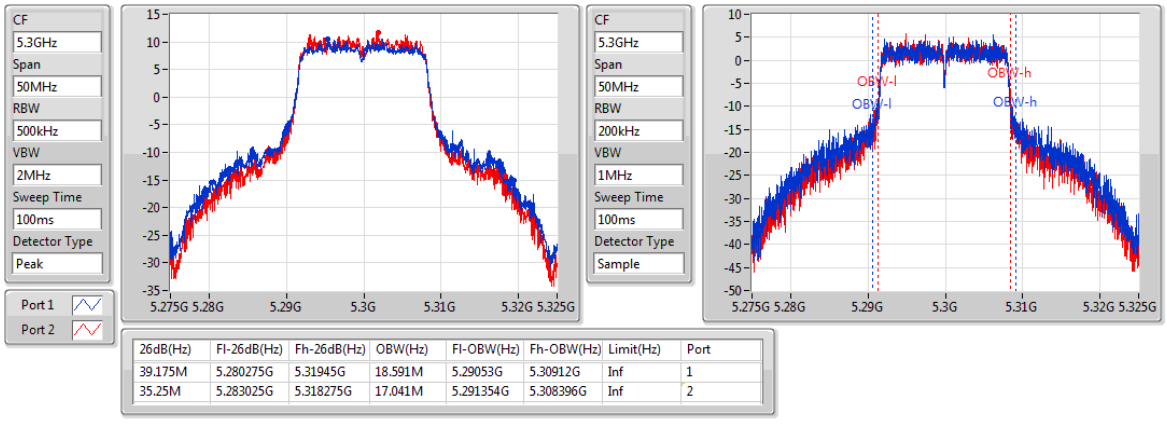
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.075M	5.241675G	5.27875G	17.366M	5.251329G	5.268696G	Inf	1
34.925M	5.243175G	5.2781G	16.992M	5.251429G	5.268421G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

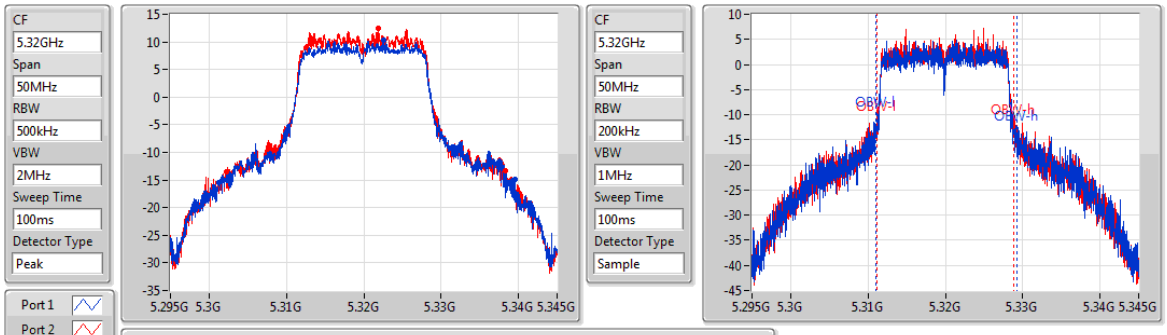
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.175M	5.280275G	5.31945G	18.591M	5.29053G	5.30912G	Inf	1
35.25M	5.283025G	5.318275G	17.041M	5.291354G	5.308396G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

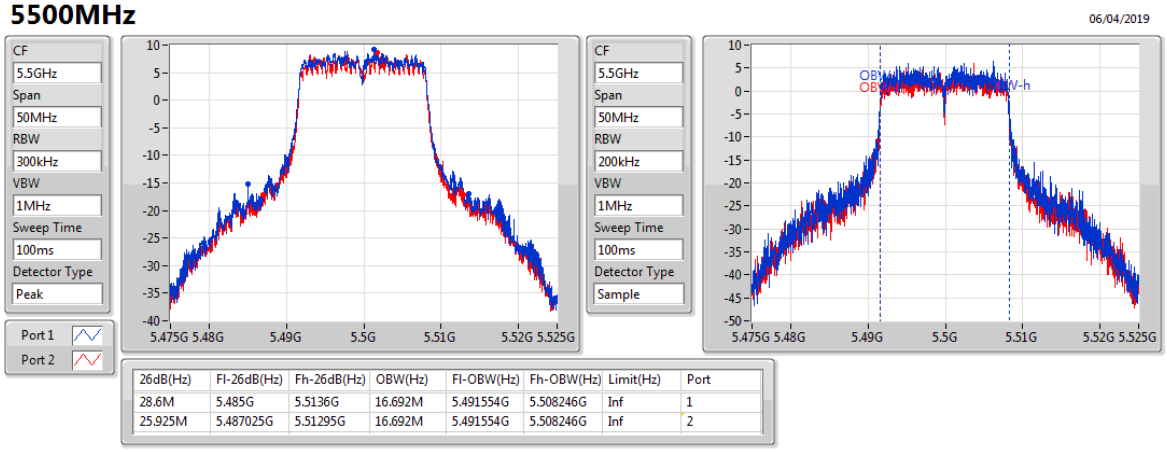
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.325M	5.301275G	5.3396G	18.191M	5.311004G	5.329195G	Inf	1
36.075M	5.3023G	5.338375G	17.741M	5.311129G	5.328871G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

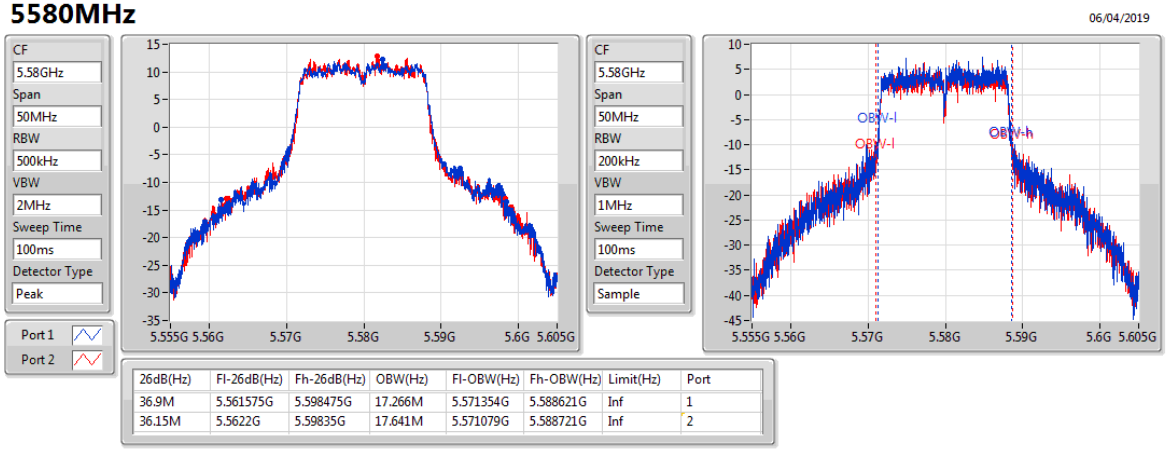
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.6M	5.485G	5.5136G	16.692M	5.491554G	5.508246G	Inf	1
25.925M	5.487025G	5.51295G	16.692M	5.491554G	5.508246G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

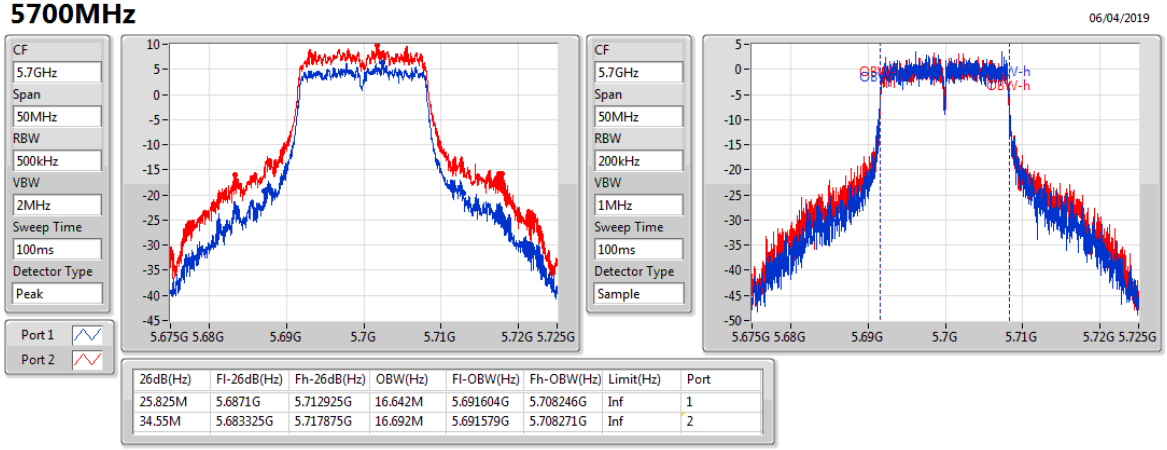
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.9M	5.561575G	5.598475G	17.266M	5.571354G	5.588621G	Inf	1
36.15M	5.5622G	5.59835G	17.641M	5.571079G	5.588721G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

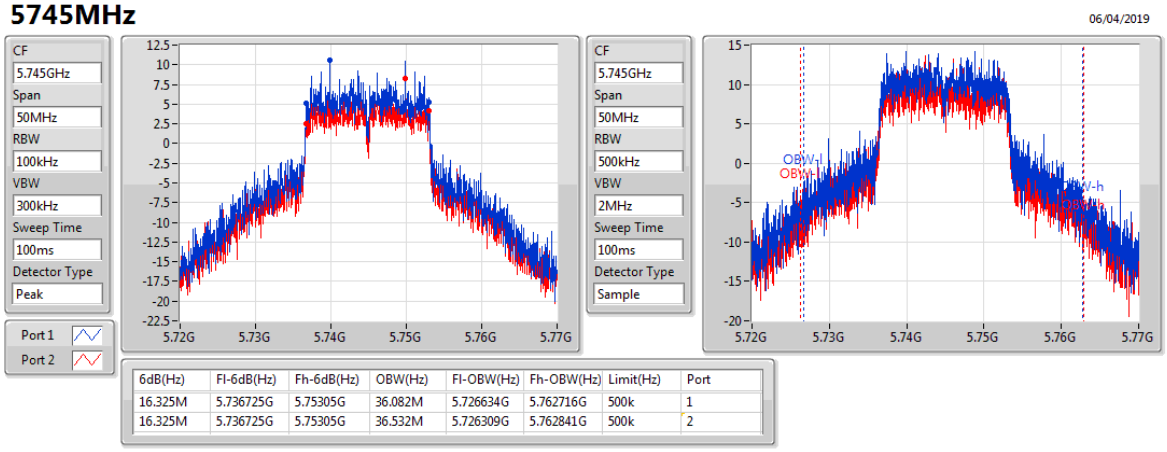
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
25.825M	5.6871G	5.712925G	16.642M	5.691604G	5.708246G	Inf	1
34.55M	5.683325G	5.717875G	16.692M	5.691579G	5.708271G	Inf	2

802.11a_Nss1,(6Mbps)_2TX EBW

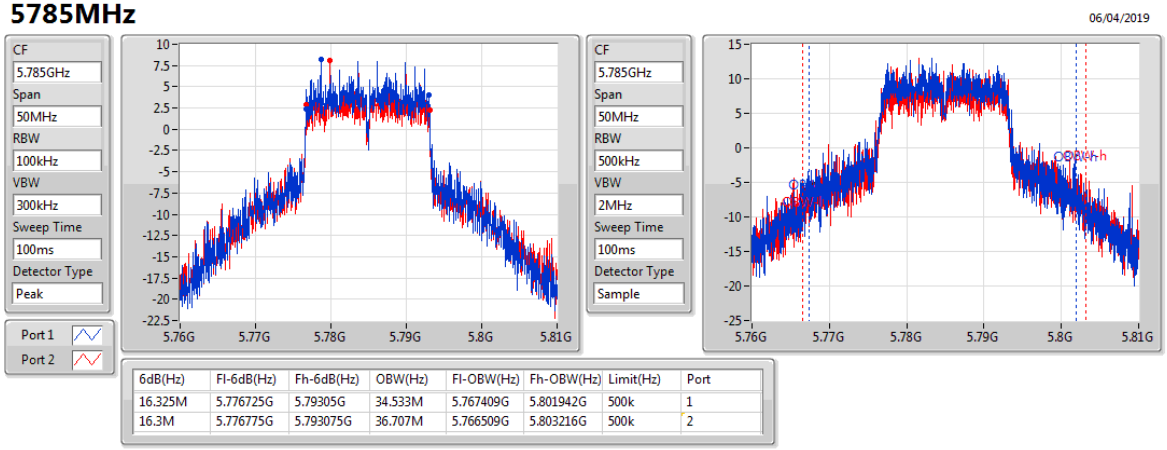
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.736725G	5.75305G	36.082M	5.726634G	5.762716G	500k	1
16.325M	5.736725G	5.75305G	36.532M	5.726309G	5.762841G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

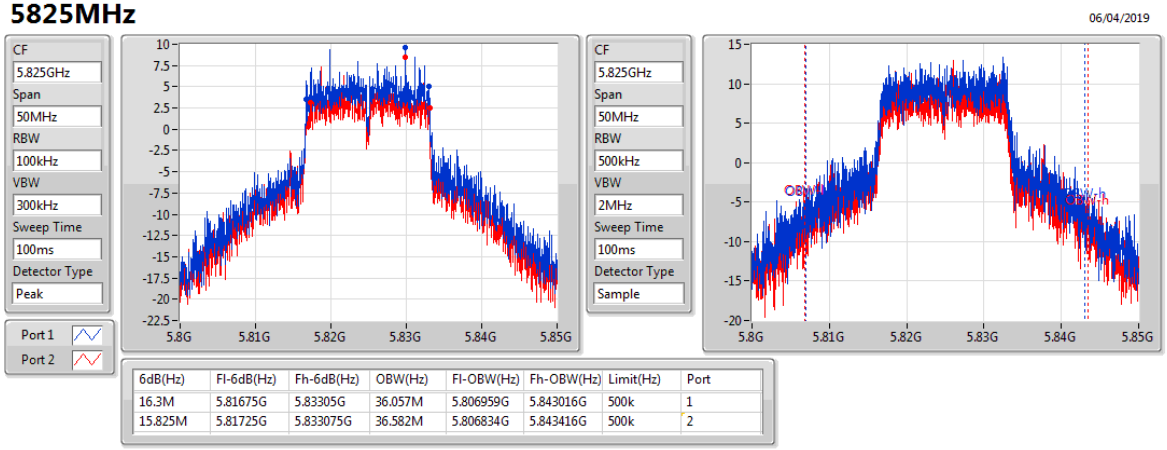
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.325M	5.776725G	5.79305G	34.533M	5.767409G	5.801942G	500k	1
16.3M	5.776775G	5.793075G	36.707M	5.766509G	5.803216G	500k	2

802.11a_Nss1,(6Mbps)_2TX EBW

5825MHz

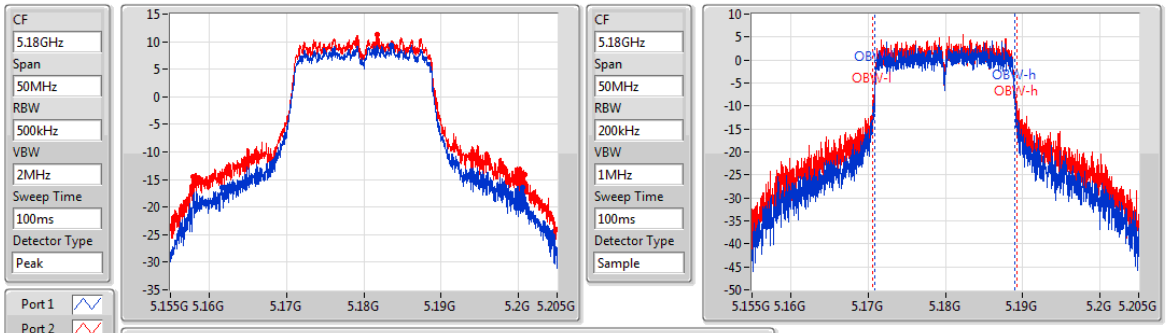


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
16.3M	5.81675G	5.83305G	36.057M	5.806959G	5.843016G	500k	1
15.825M	5.81725G	5.833075G	36.582M	5.806834G	5.843416G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5180MHz

06/04/2019

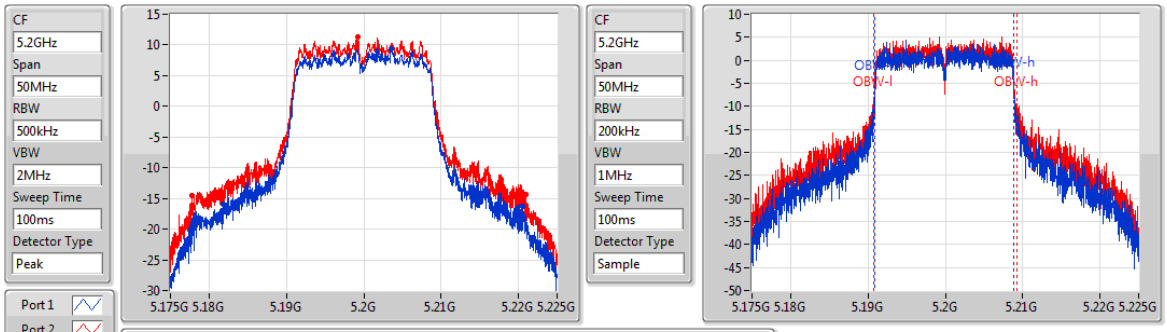


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.825M	5.1617G	5.200525G	17.991M	5.17093G	5.188921G	Inf	1
42.95M	5.1579G	5.20085G	18.691M	5.17063G	5.18932G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5200MHz

06/04/2019

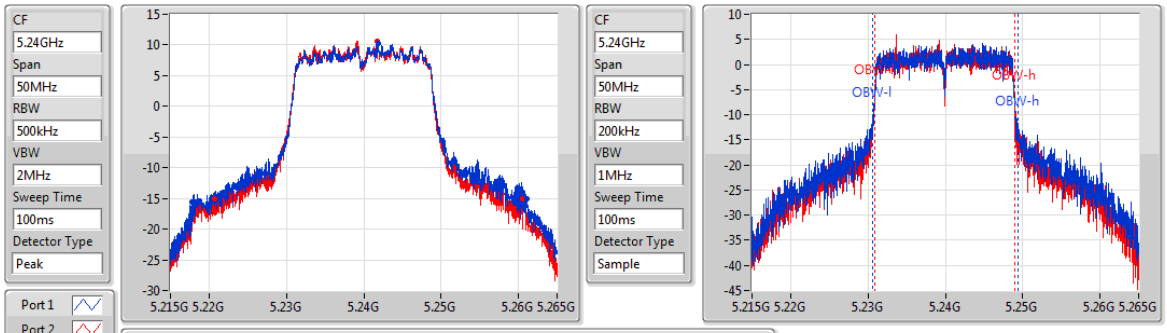


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
38.7M	5.181875G	5.220575G	17.941M	5.19093G	5.208871G	Inf	1
43.075M	5.177825G	5.2209G	18.566M	5.190705G	5.20927G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

5240MHz

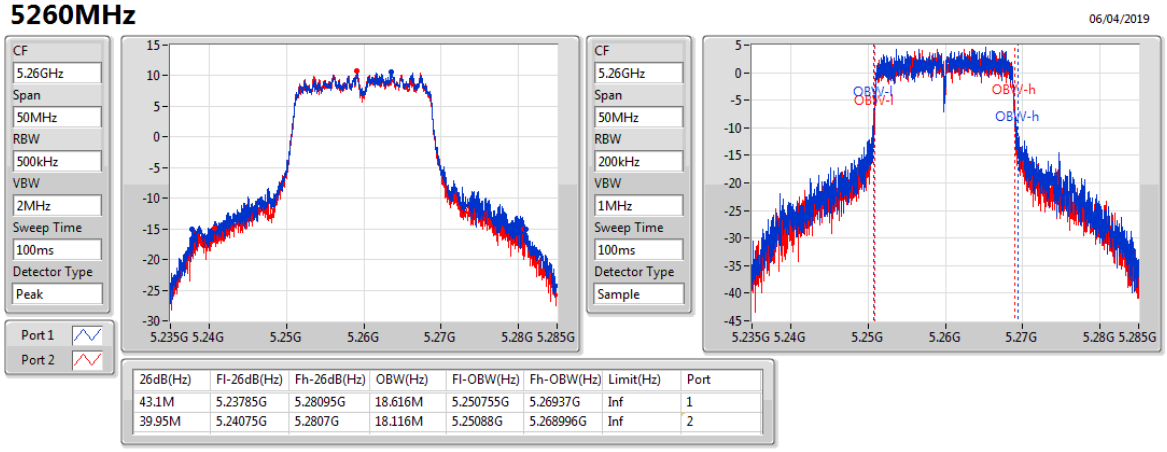
06/04/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.25M	5.217825G	5.261075G	18.766M	5.230605G	5.24937G	Inf	1
39.925M	5.220675G	5.2606G	18.066M	5.230855G	5.248921G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

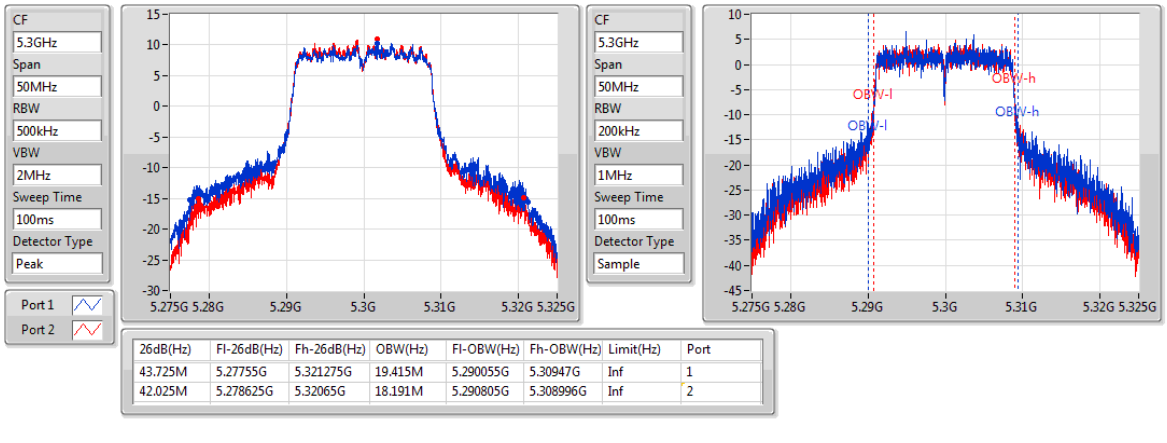
5260MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.1M	5.23785G	5.28095G	18.616M	5.250755G	5.26937G	Inf	1
39.95M	5.24075G	5.2807G	18.116M	5.25088G	5.268996G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

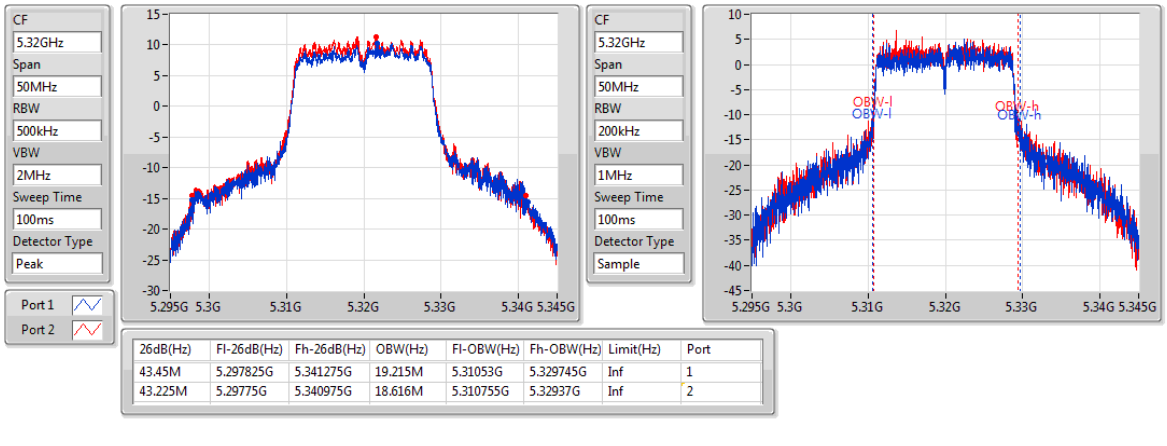
5300MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.725M	5.27755G	5.321275G	19.415M	5.290055G	5.30947G	Inf	1
42.025M	5.278625G	5.32065G	18.191M	5.290805G	5.308996G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

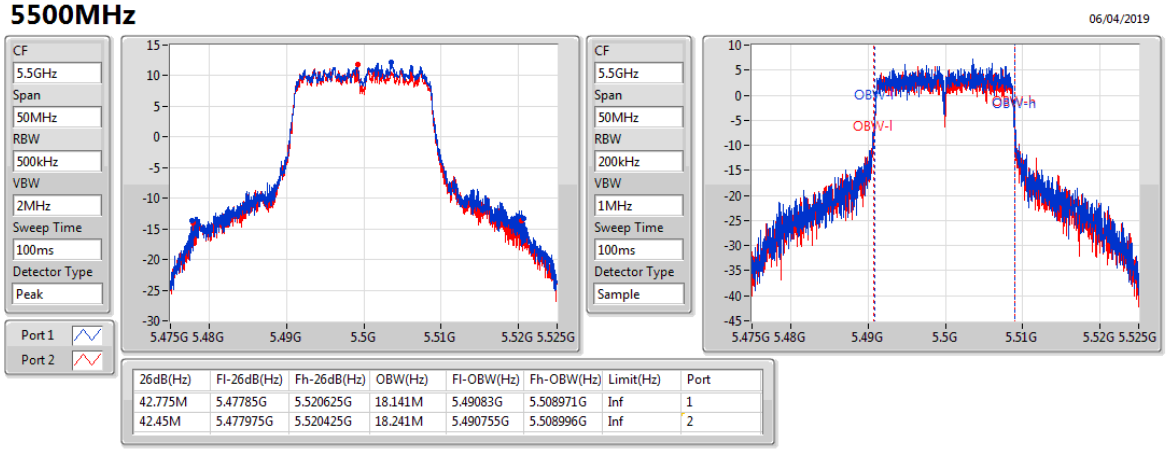
5320MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.45M	5.297825G	5.341275G	19.215M	5.31053G	5.329745G	Inf	1
43.225M	5.29775G	5.340975G	18.616M	5.310755G	5.32937G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

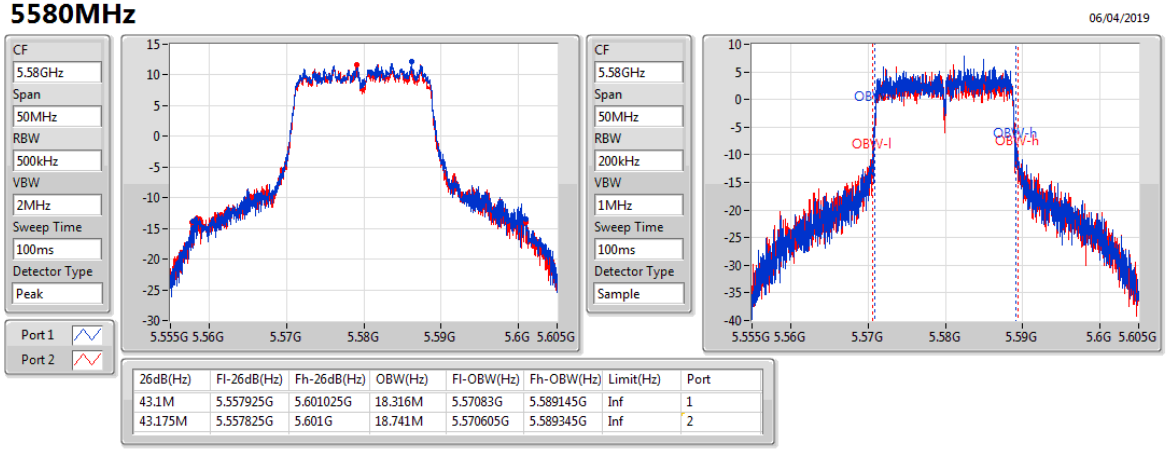
5500MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
42.775M	5.47785G	5.520625G	18.141M	5.49083G	5.508971G	Inf	1
42.45M	5.477975G	5.520425G	18.241M	5.490755G	5.508996G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

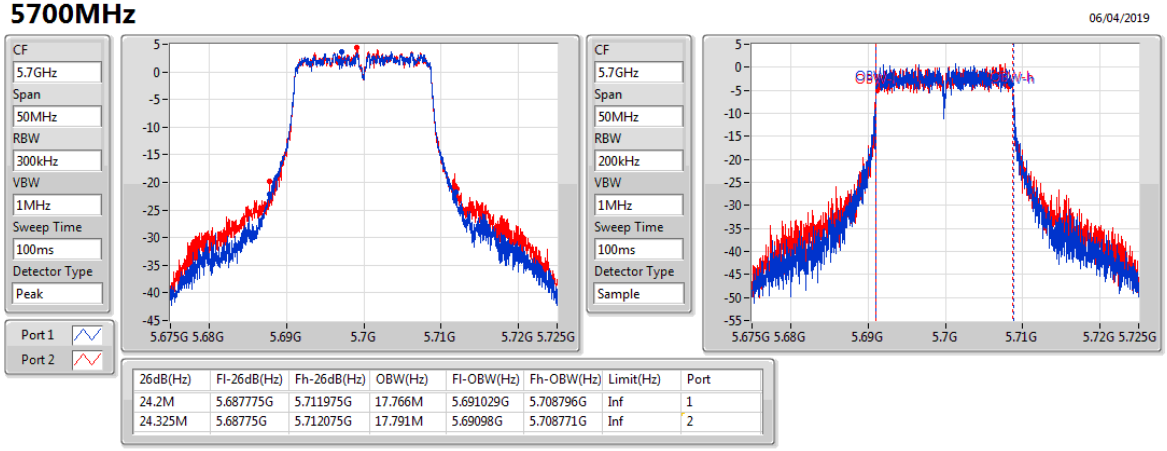
5580MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
43.1M	5.557925G	5.601025G	18.316M	5.57083G	5.589145G	Inf	1
43.175M	5.557825G	5.601G	18.741M	5.570605G	5.589345G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

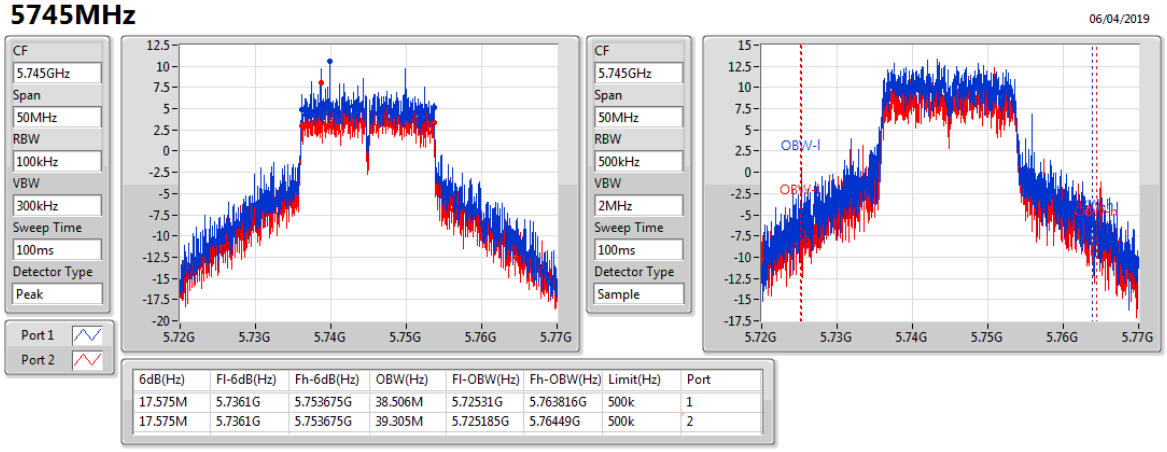
5700MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
24.2M	5.687775G	5.711975G	17.766M	5.691029G	5.708796G	Inf	1
24.325M	5.68775G	5.712075G	17.791M	5.69098G	5.708771G	Inf	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

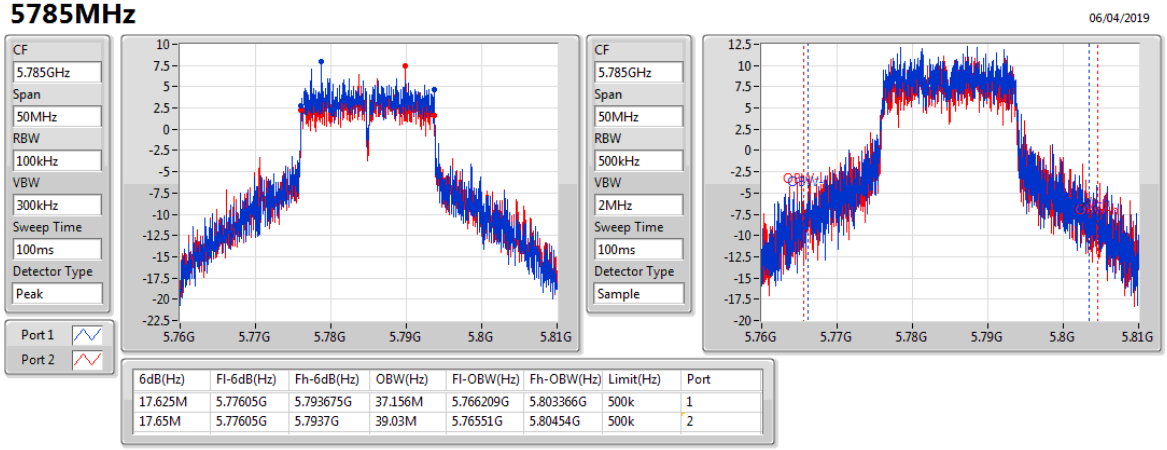
5745MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.575M	5.7361G	5.753675G	38.506M	5.72531G	5.763816G	500k	1
17.575M	5.7361G	5.753675G	39.305M	5.725185G	5.76449G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

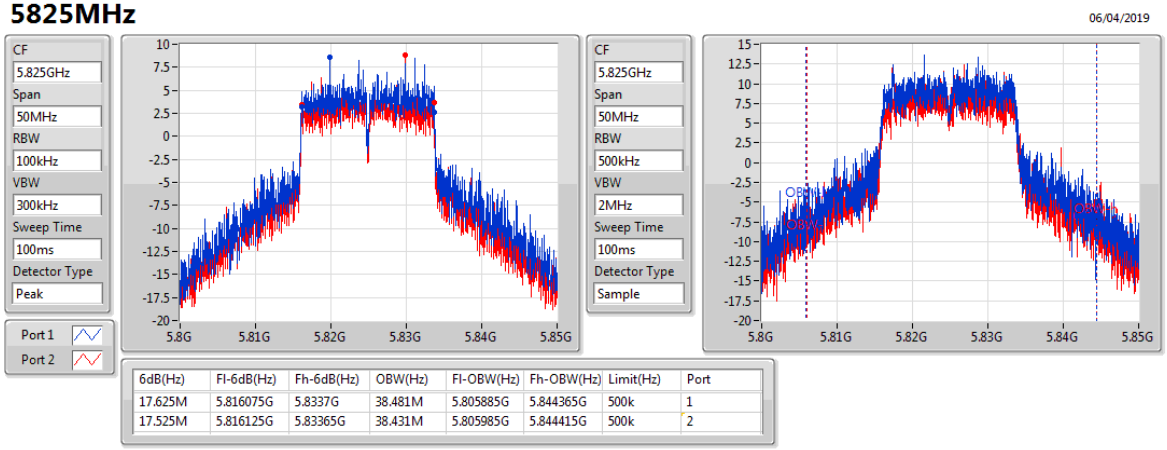
5785MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.625M	5.77605G	5.793675G	37.156M	5.766209G	5.803366G	500k	1
17.65M	5.77605G	5.7937G	39.03M	5.76551G	5.80454G	500k	2

802.11ac VHT20_Nss1,(MCS0)_2TX EBW

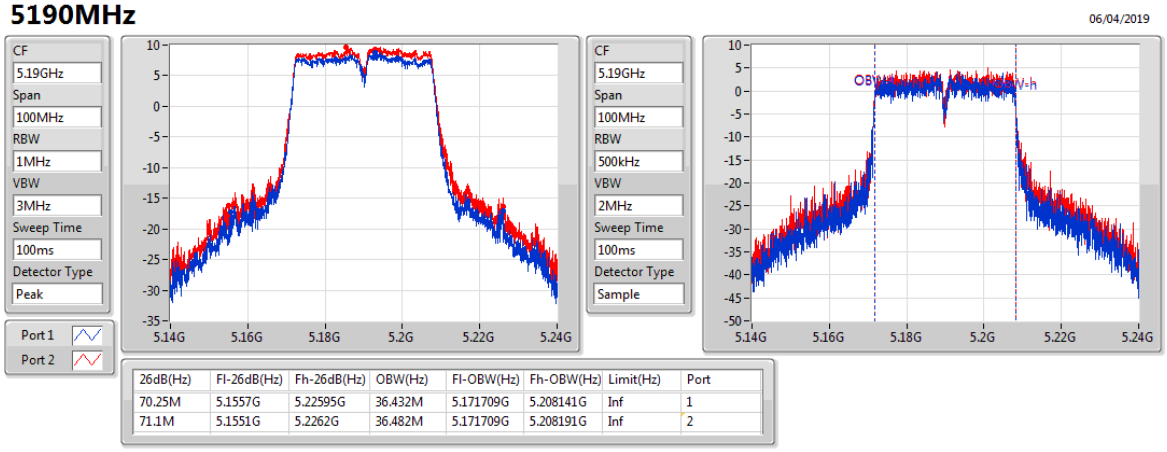
5825MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.625M	5.816075G	5.8337G	38.481M	5.805885G	5.844365G	500k	1
17.525M	5.816125G	5.83365G	38.431M	5.805985G	5.844415G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

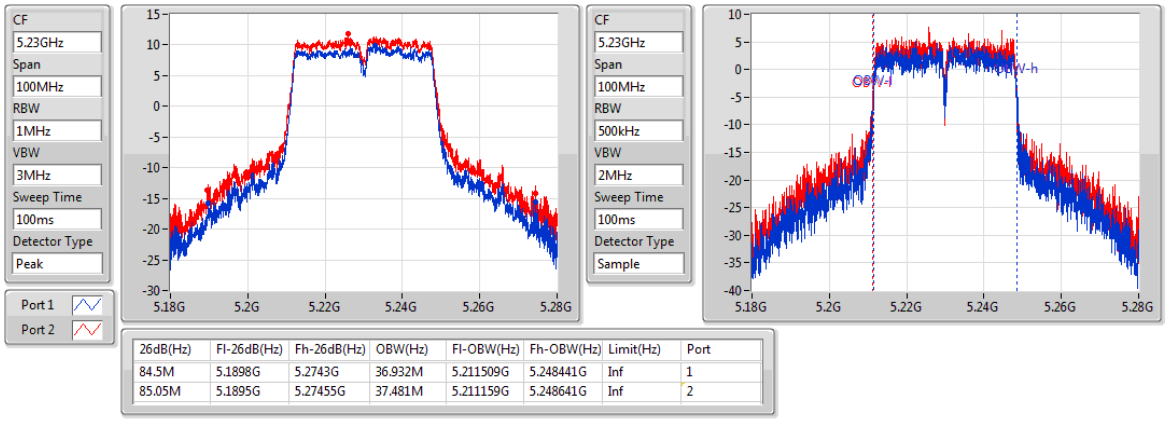
5190MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
70.25M	5.1557G	5.22595G	36.432M	5.171709G	5.208141G	Inf	1
71.1M	5.1551G	5.2262G	36.482M	5.171709G	5.208191G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

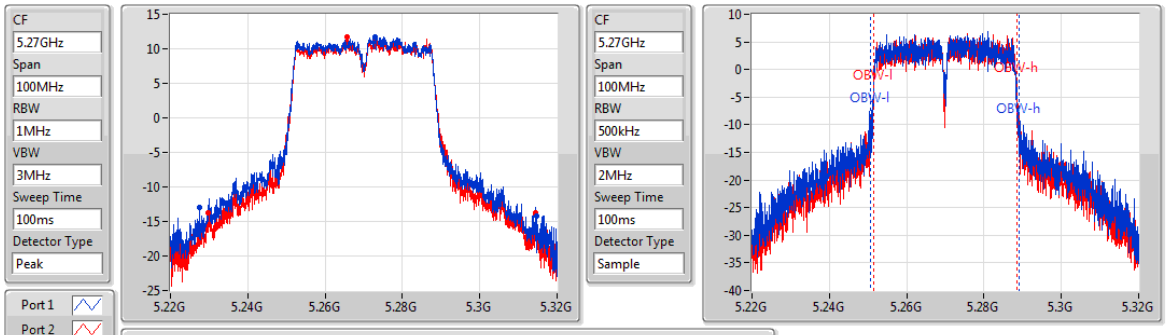
5230MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.5M	5.1898G	5.2743G	36.932M	5.211509G	5.248441G	Inf	1
85.05M	5.1895G	5.27455G	37.481M	5.211159G	5.248641G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5270MHz

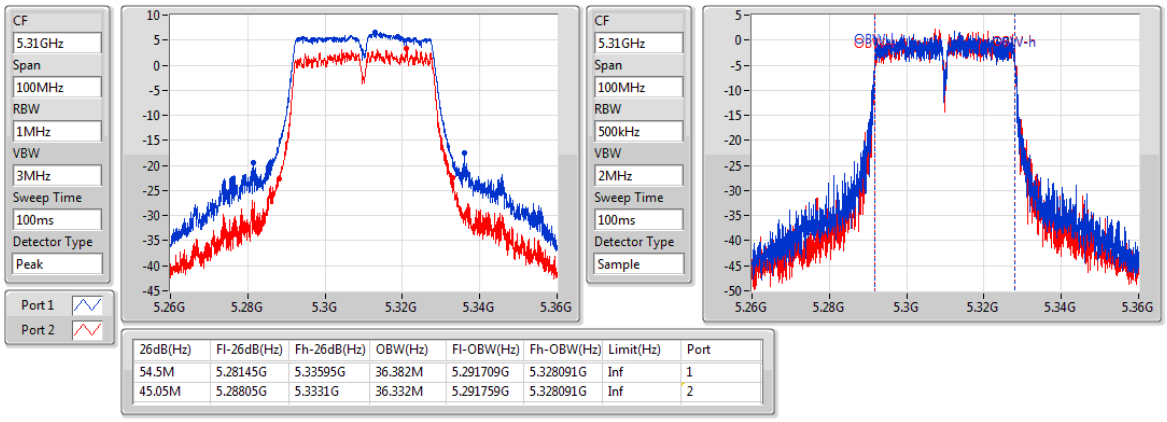


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
87.15M	5.22745G	5.3146G	38.481M	5.25071G	5.28919G	Inf	1
84.5M	5.2298G	5.3143G	37.181M	5.251409G	5.288591G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5310MHz

06/04/2019

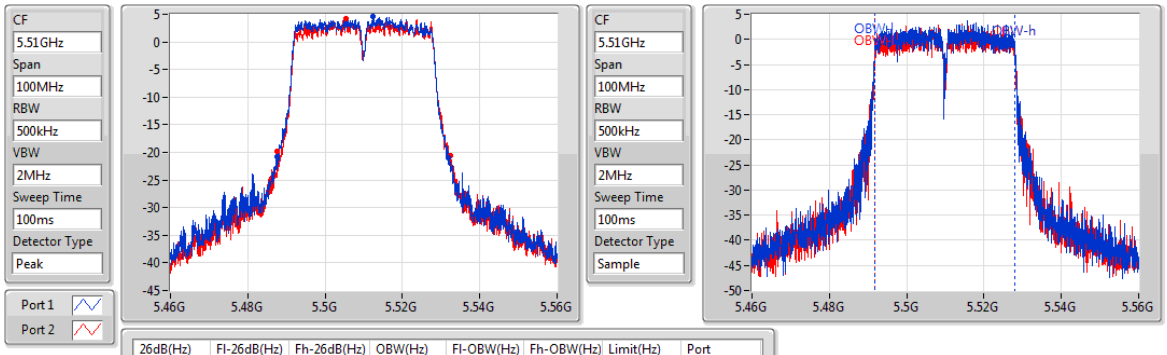


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
54.5M	5.28145G	5.33595G	36.382M	5.291709G	5.328091G	Inf	1
45.05M	5.28805G	5.3331G	36.332M	5.291759G	5.328091G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5510MHz

06/04/2019

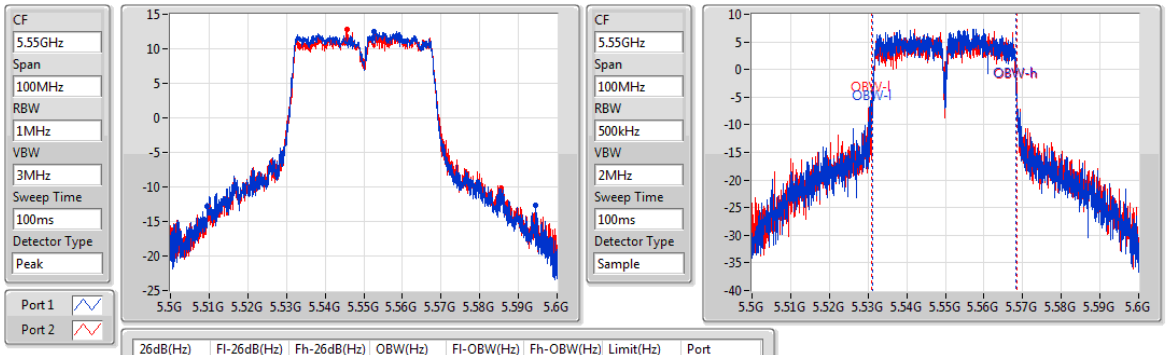


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
44.45M	5.48755G	5.532G	36.232M	5.491759G	5.527991G	Inf	1
45.05M	5.4875G	5.53255G	36.332M	5.491759G	5.528091G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

5550MHz

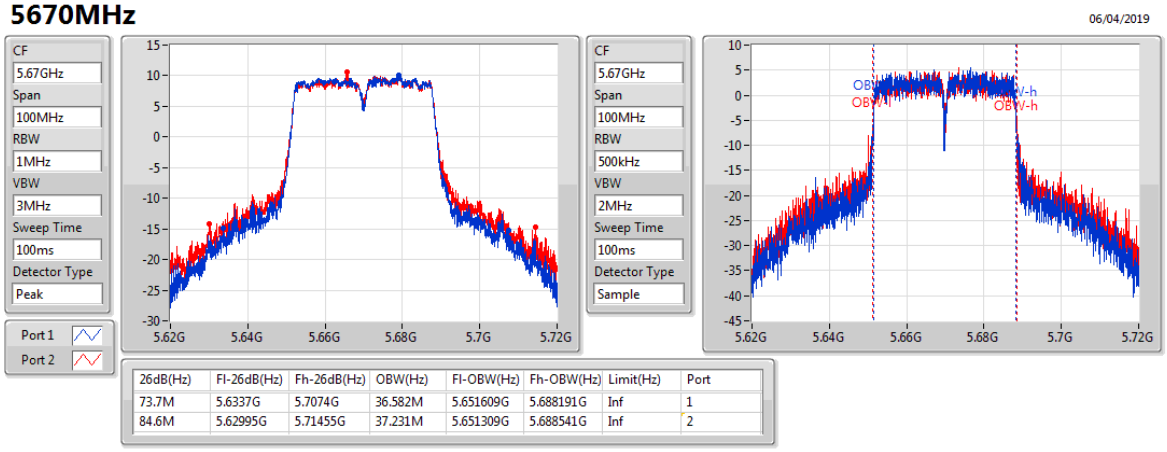
06/04/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.85M	5.5095G	5.59435G	37.081M	5.531209G	5.568291G	Inf	1
84.85M	5.50965G	5.5945G	37.681M	5.53096G	5.568641G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

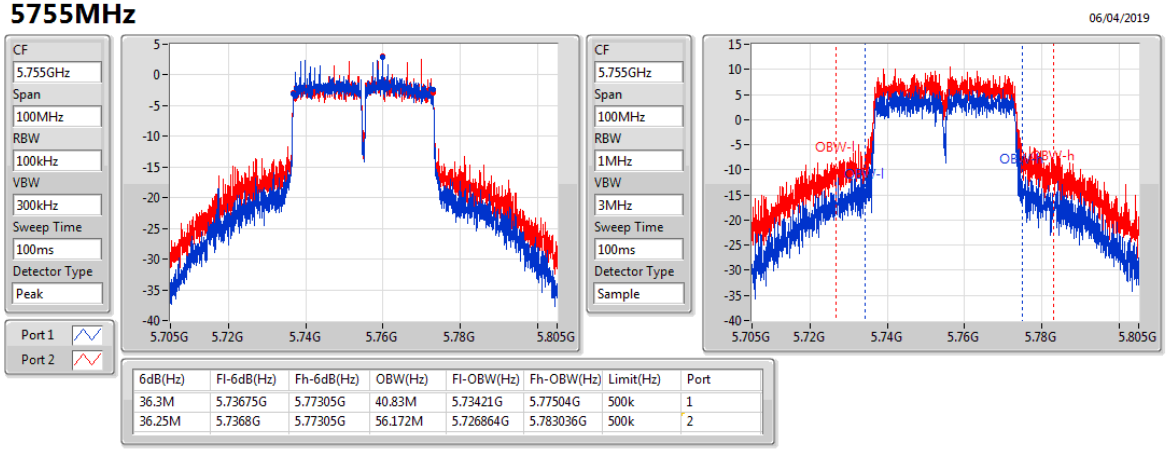
5670MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
73.7M	5.6337G	5.7074G	36.582M	5.651609G	5.688191G	Inf	1
84.6M	5.62995G	5.71455G	37.231M	5.651309G	5.688541G	Inf	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

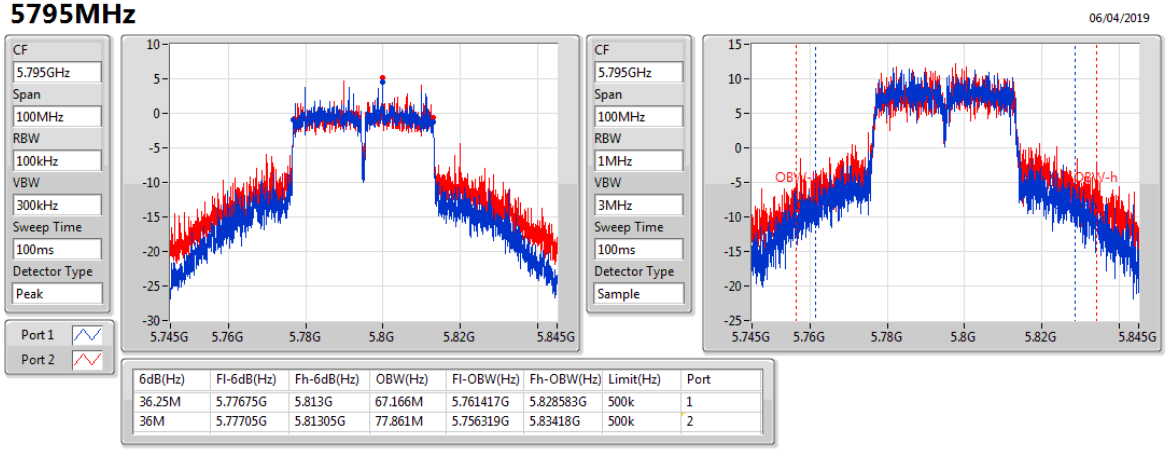
5755MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.3M	5.73675G	5.77305G	40.83M	5.73421G	5.77504G	500k	1
36.25M	5.7368G	5.77305G	56.172M	5.726864G	5.783036G	500k	2

802.11ac VHT40_Nss1,(MCS0)_2TX EBW

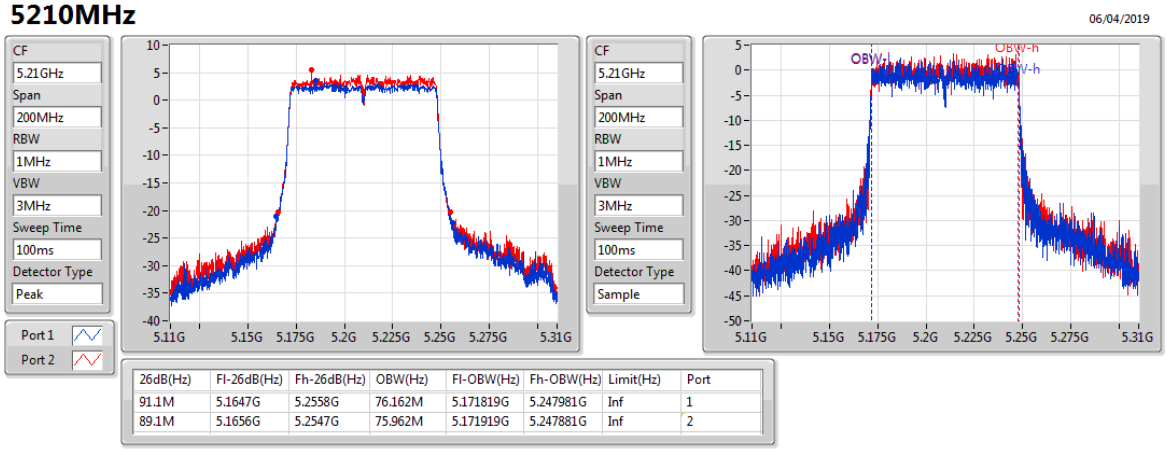
5795MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.25M	5.77675G	5.813G	67.166M	5.761417G	5.828583G	500k	1
36M	5.77705G	5.81305G	77.861M	5.756319G	5.83418G	500k	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

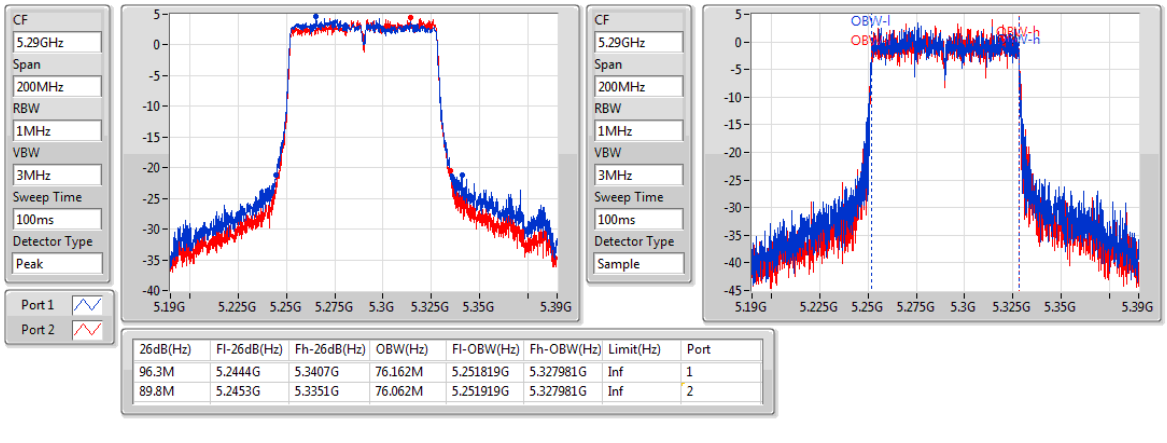
5210MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
91.1M	5.1647G	5.2558G	76.162M	5.171819G	5.247981G	Inf	1
89.1M	5.1656G	5.2547G	75.962M	5.171919G	5.247881G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

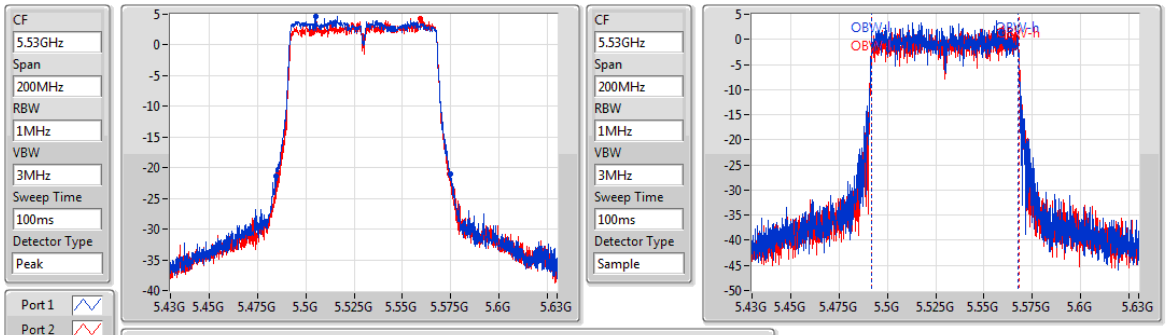
5290MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
96.3M	5.2444G	5.3407G	76.162M	5.251819G	5.327981G	Inf	1
89.8M	5.2453G	5.3351G	76.062M	5.251919G	5.327981G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

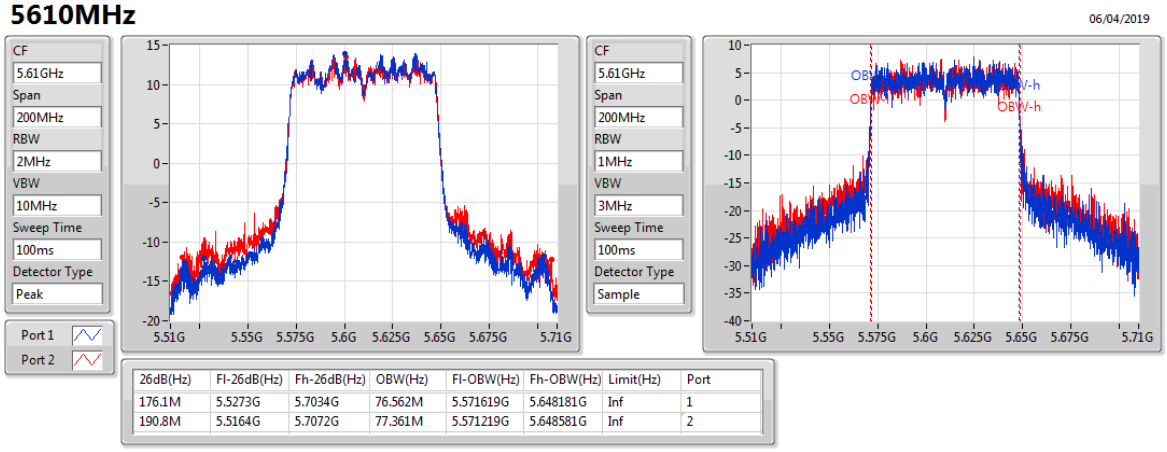
5530MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
90.4M	5.4846G	5.575G	76.062M	5.491819G	5.567881G	Inf	1
89.1M	5.4854G	5.5745G	76.262M	5.491819G	5.568081G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

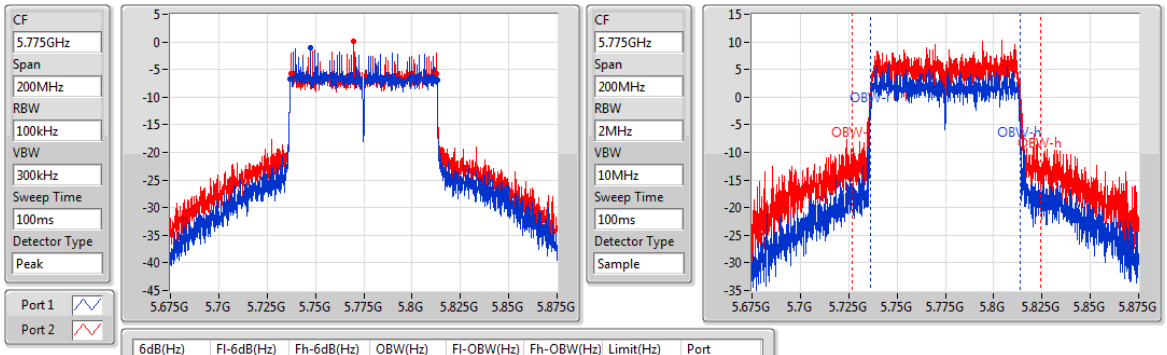
5610MHz



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
176.1M	5.5273G	5.7034G	76.562M	5.571619G	5.648181G	Inf	1
190.8M	5.5164G	5.7072G	77.361M	5.571219G	5.648581G	Inf	2

802.11ac VHT80_Nss1,(MCS0)_2TX EBW

5775MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
76.2M	5.7368G	5.813G	77.561M	5.736119G	5.813681G	500k	1
75.6M	5.7372G	5.8128G	97.651M	5.726924G	5.824575G	500k	2

Summary

Mode	(dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	19.63	0.09183
802.11ac VHT20_Nss1,(MCS0)_2TX	19.78	0.09506
802.11ac VHT40_Nss1,(MCS0)_2TX	19.71	0.09354
802.11ac VHT80_Nss1,(MCS0)_2TX	16.18	0.04150
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	19.85	0.09661
802.11ac VHT20_Nss1,(MCS0)_2TX	20.14	0.10328
802.11ac VHT40_Nss1,(MCS0)_2TX	20.53	0.11298
802.11ac VHT80_Nss1,(MCS0)_2TX	16.45	0.04416
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.21	0.13213
802.11ac VHT20_Nss1,(MCS0)_2TX	21.45	0.13964
802.11ac VHT40_Nss1,(MCS0)_2TX	21.60	0.14454
802.11ac VHT80_Nss1,(MCS0)_2TX	20.85	0.12162
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.09	0.20370
802.11ac VHT20_Nss1,(MCS0)_2TX	23.39	0.21827
802.11ac VHT40_Nss1,(MCS0)_2TX	21.85	0.15311
802.11ac VHT80_Nss1,(MCS0)_2TX	19.03	0.07998

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.50	15.92	17.23	19.63	30.00
5200MHz	Pass	5.50	15.86	17.27	19.63	30.00
5240MHz	Pass	5.50	16.52	16.70	19.62	30.00
5260MHz	Pass	5.50	16.93	16.73	19.84	23.98
5300MHz	Pass	5.50	16.77	16.90	19.85	23.98
5320MHz	Pass	5.50	16.61	16.97	19.80	23.98
5500MHz	Pass	5.50	17.51	16.78	20.17	23.98
5580MHz	Pass	5.50	18.51	17.87	21.21	23.98
5700MHz	Pass	5.50	14.89	14.73	17.82	23.98
5745MHz	Pass	5.50	20.72	19.33	23.09	30.00
5785MHz	Pass	5.50	19.51	18.48	22.04	30.00
5825MHz	Pass	5.50	20.12	18.67	22.47	30.00
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.50	16.07	17.38	19.78	30.00
5200MHz	Pass	5.50	15.97	17.36	19.73	30.00
5240MHz	Pass	5.50	16.69	16.72	19.72	30.00
5260MHz	Pass	5.50	17.09	16.81	19.96	23.98
5300MHz	Pass	5.50	16.85	16.97	19.92	23.98
5320MHz	Pass	5.50	16.68	17.53	20.14	23.98
5500MHz	Pass	5.50	18.76	18.09	21.45	23.98
5580MHz	Pass	5.50	18.43	17.88	21.17	23.98
5700MHz	Pass	5.50	13.16	13.25	16.22	23.98
5745MHz	Pass	5.50	21.09	19.52	23.39	30.00
5785MHz	Pass	5.50	19.64	18.76	22.23	30.00
5825MHz	Pass	5.50	20.22	19.03	22.68	30.00
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.50	15.27	16.24	18.79	30.00
5230MHz	Pass	5.50	16.15	17.19	19.71	30.00
5270MHz	Pass	5.50	17.53	17.51	20.53	23.98
5310MHz	Pass	5.50	13.07	13.14	16.12	23.98
5510MHz	Pass	5.50	14.91	14.09	17.53	23.98
5550MHz	Pass	5.50	18.74	18.43	21.60	23.98
5670MHz	Pass	5.50	16.16	15.92	19.05	23.98
5755MHz	Pass	5.50	17.58	17.06	20.34	30.00
5795MHz	Pass	5.50	18.81	18.87	21.85	30.00
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.50	12.82	13.49	16.18	30.00
5290MHz	Pass	5.50	13.48	13.39	16.45	23.98
5530MHz	Pass	5.50	13.75	13.18	16.48	23.98
5610MHz	Pass	5.50	17.98	17.70	20.85	23.98
5775MHz	Pass	5.50	16.09	15.94	19.03	30.00

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

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.58
802.11ac VHT20_Nss1,(MCS0)_2TX	6.32
802.11ac VHT40_Nss1,(MCS0)_2TX	3.37
802.11ac VHT80_Nss1,(MCS0)_2TX	-3.45
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.86
802.11ac VHT20_Nss1,(MCS0)_2TX	6.64
802.11ac VHT40_Nss1,(MCS0)_2TX	4.18
802.11ac VHT80_Nss1,(MCS0)_2TX	-3.29
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.17
802.11ac VHT20_Nss1,(MCS0)_2TX	7.75
802.11ac VHT40_Nss1,(MCS0)_2TX	4.98
802.11ac VHT80_Nss1,(MCS0)_2TX	1.28
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.38
802.11ac VHT20_Nss1,(MCS0)_2TX	7.97
802.11ac VHT40_Nss1,(MCS0)_2TX	3.63
802.11ac VHT80_Nss1,(MCS0)_2TX	-2.19

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

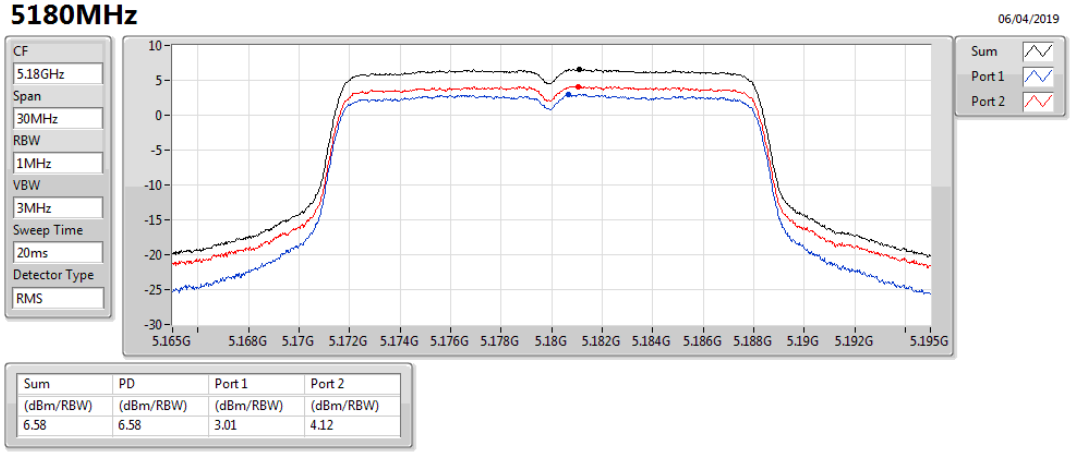
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.51	3.01	4.12	6.58	14.49
5200MHz	Pass	8.51	2.82	4.22	6.52	14.49
5240MHz	Pass	8.51	3.60	3.41	6.47	14.49
5260MHz	Pass	8.51	4.14	3.60	6.86	8.49
5300MHz	Pass	8.51	3.81	3.70	6.75	8.49
5320MHz	Pass	8.51	3.70	3.83	6.74	8.49
5500MHz	Pass	8.51	4.62	3.65	7.08	8.49
5580MHz	Pass	8.51	5.63	4.77	8.17	8.49
5700MHz	Pass	8.51	2.02	1.76	4.81	8.49
5745MHz	Pass	8.51	6.28	4.45	8.38	27.49
5785MHz	Pass	8.51	4.86	3.74	7.26	27.49
5825MHz	Pass	8.51	5.56	3.87	7.71	27.49
802.11ac VHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.51	2.61	3.79	6.22	14.49
5200MHz	Pass	8.51	2.63	4.02	6.32	14.49
5240MHz	Pass	8.51	3.28	3.14	6.17	14.49
5260MHz	Pass	8.51	3.75	3.34	6.51	8.49
5300MHz	Pass	8.51	3.33	3.46	6.35	8.49
5320MHz	Pass	8.51	3.38	4.04	6.64	8.49
5500MHz	Pass	8.51	5.27	4.38	7.75	8.49
5580MHz	Pass	8.51	5.01	4.28	7.61	8.49
5700MHz	Pass	8.51	-0.48	-0.29	2.59	8.49
5745MHz	Pass	8.51	5.79	4.24	7.97	27.49
5785MHz	Pass	8.51	4.35	3.52	6.96	27.49
5825MHz	Pass	8.51	4.97	3.75	7.35	27.49
802.11ac VHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.51	-1.34	-0.47	2.11	14.49
5230MHz	Pass	8.51	-0.24	0.94	3.37	14.49
5270MHz	Pass	8.51	1.51	0.92	4.18	8.49
5310MHz	Pass	8.51	-3.29	-3.51	-0.44	8.49
5510MHz	Pass	8.51	-1.61	-2.64	0.82	8.49
5550MHz	Pass	8.51	2.26	1.74	4.98	8.49
5670MHz	Pass	8.51	-0.12	-0.35	2.69	8.49
5755MHz	Pass	8.51	-0.44	-0.77	2.36	27.49
5795MHz	Pass	8.51	0.79	0.65	3.63	27.49
802.11ac VHT80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.51	-6.70	-6.07	-3.45	14.49
5290MHz	Pass	8.51	-5.89	-6.21	-3.29	8.49
5530MHz	Pass	8.51	-5.47	-6.06	-3.04	8.49
5610MHz	Pass	8.51	-1.37	-2.10	1.28	8.49
5775MHz	Pass	8.51	-4.94	-4.98	-2.19	27.49

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

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

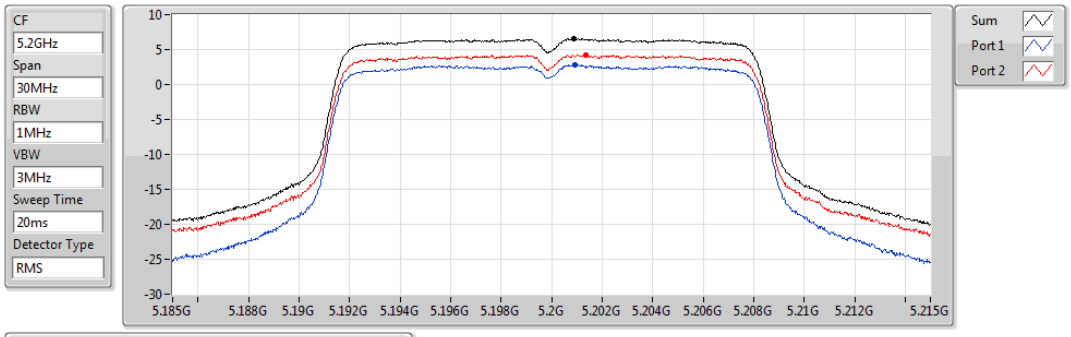
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	3.01	4.12

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

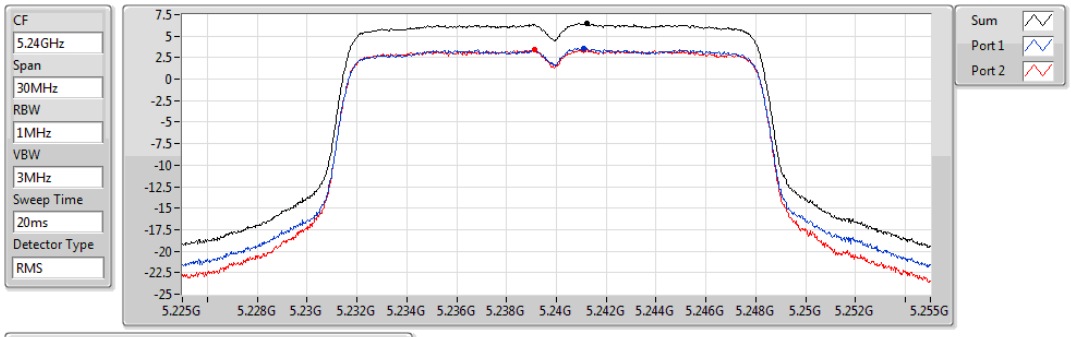
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.52	6.52	2.82	4.22

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

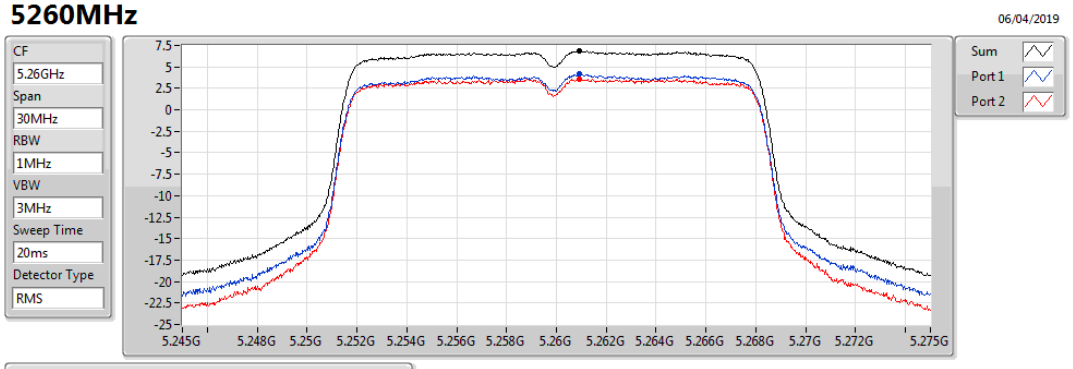
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.47	6.47	3.60	3.41

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

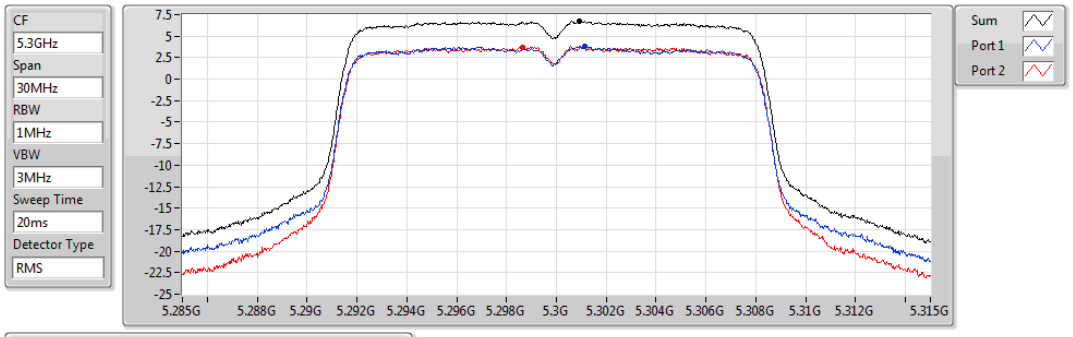
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	4.14	3.60

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

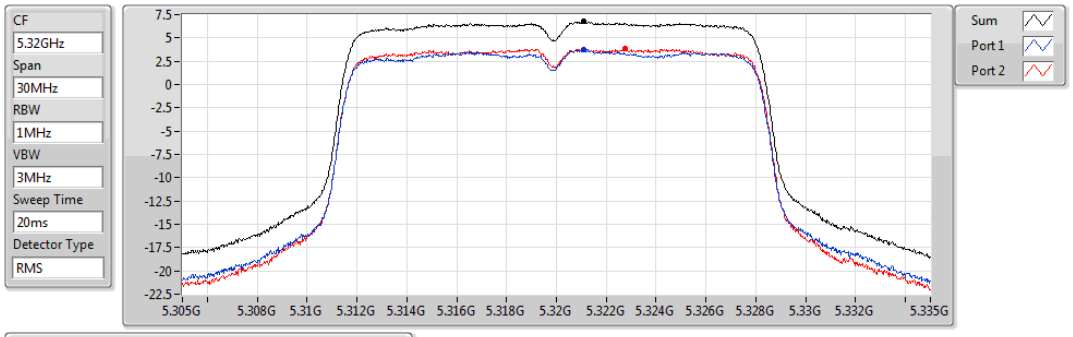
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	3.81	3.70

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

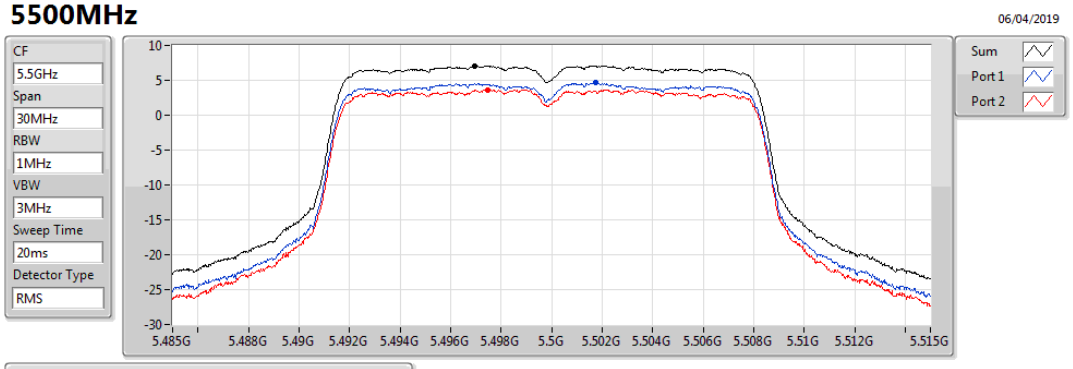
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.74	6.74	3.70	3.83

802.11a_Nss1,(6Mbps)_2TX PSD

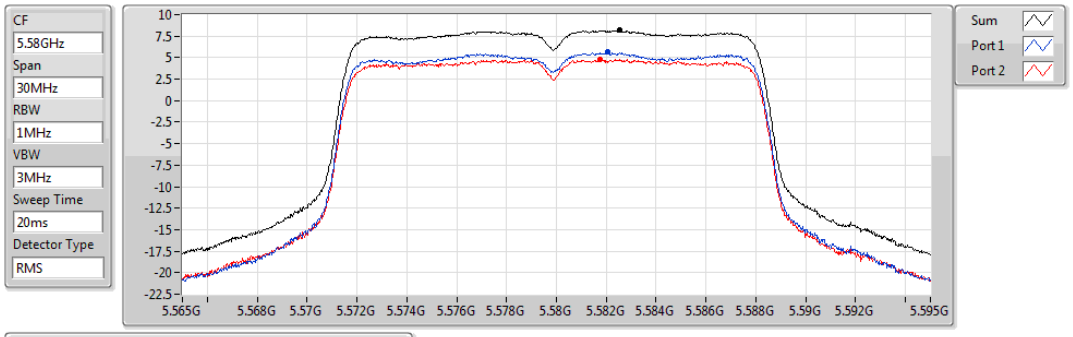
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	4.62	3.65

802.11a_Nss1,(6Mbps)_2TX PSD

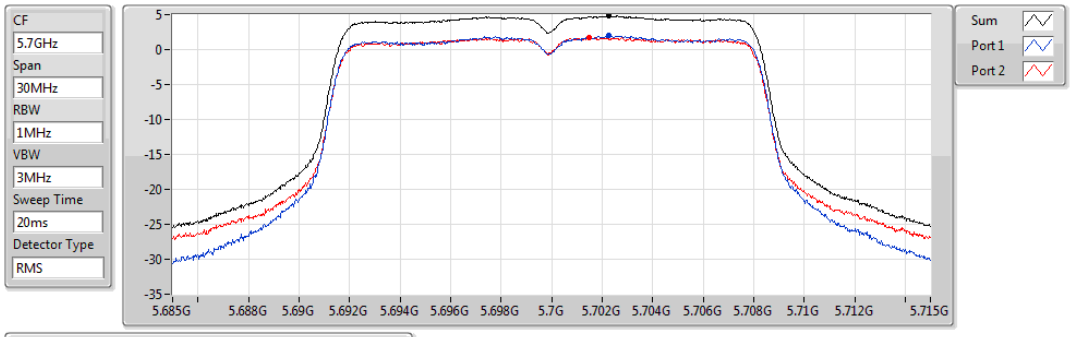
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	5.63	4.77

802.11a_Nss1,(6Mbps)_2TX PSD

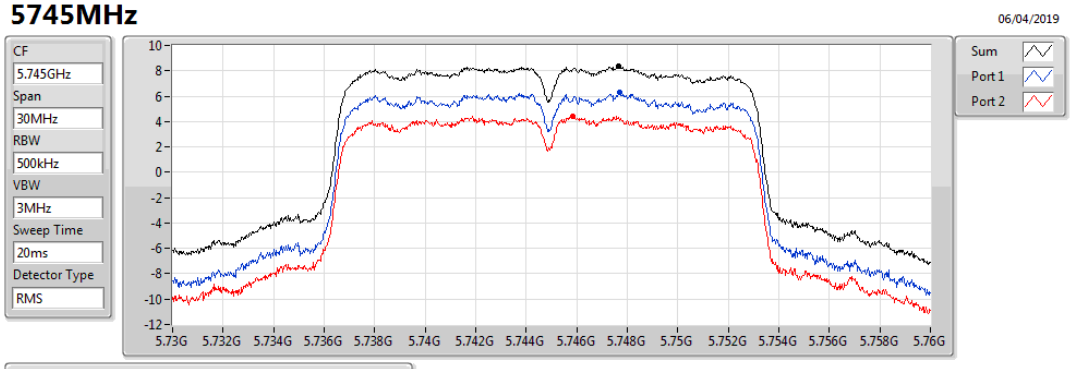
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.81	4.81	2.02	1.76

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

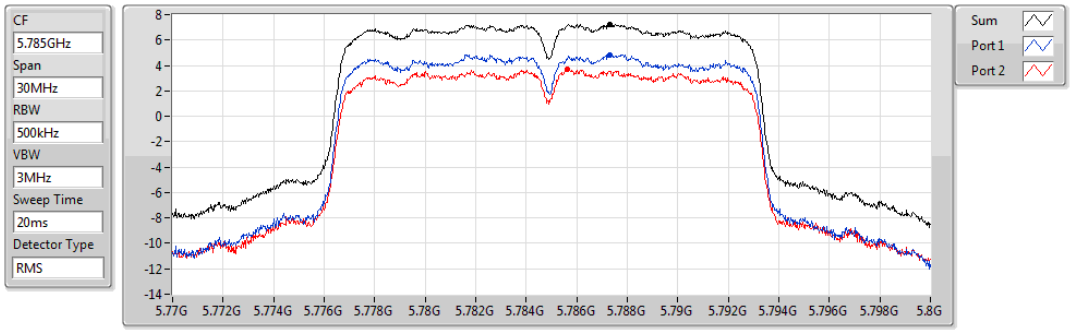
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	6.28	4.45

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

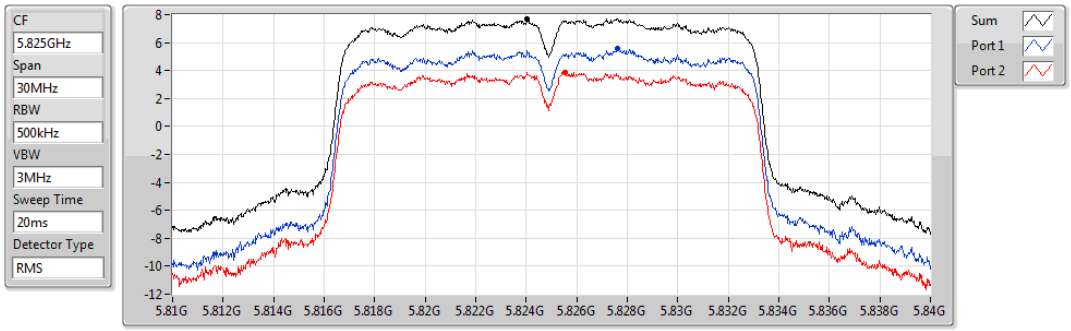
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	4.86	3.74

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

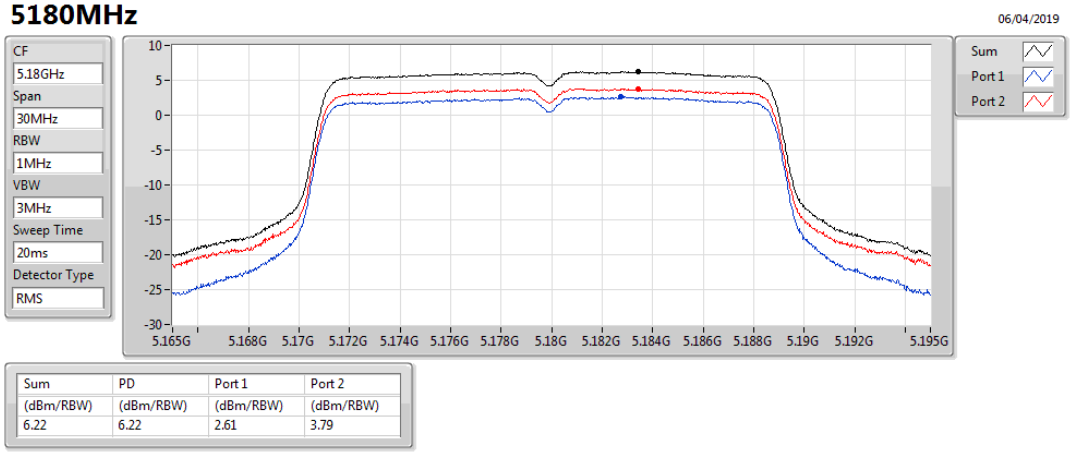
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	5.56	3.87

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

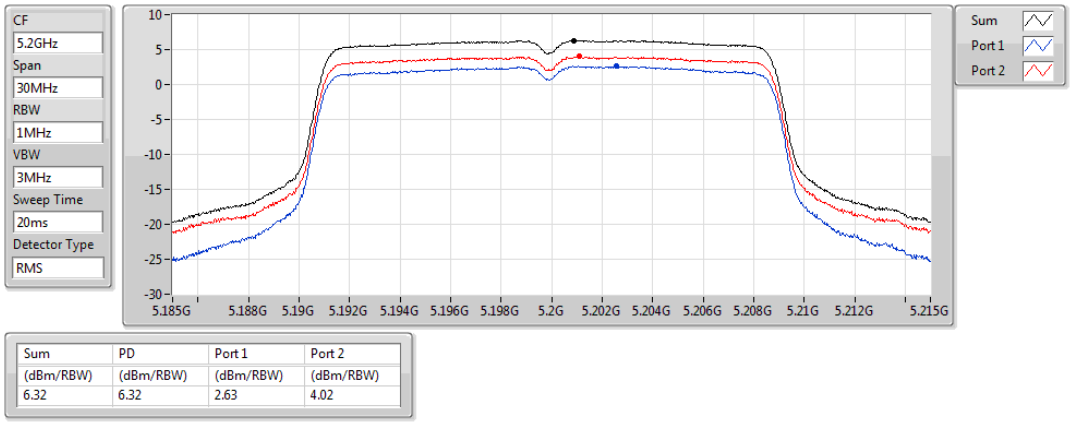
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.22	6.22	2.61	3.79

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

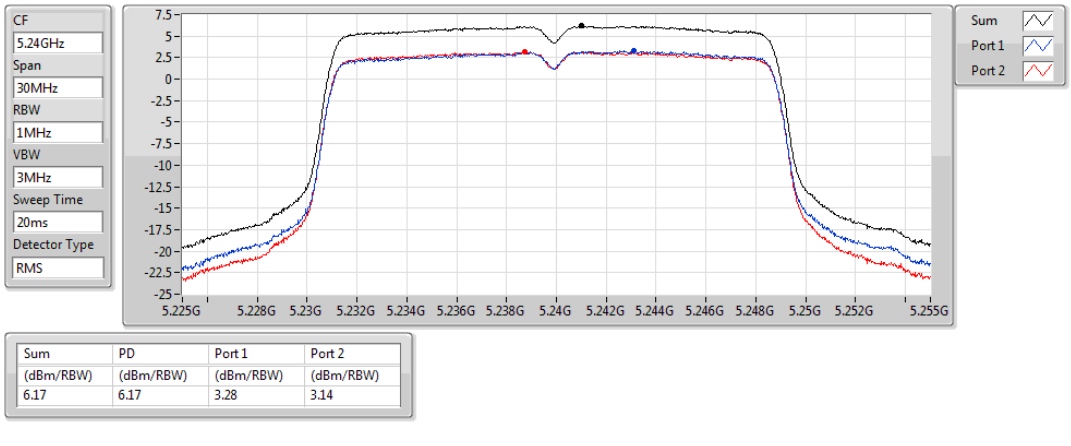
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.32	6.32	2.63	4.02

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

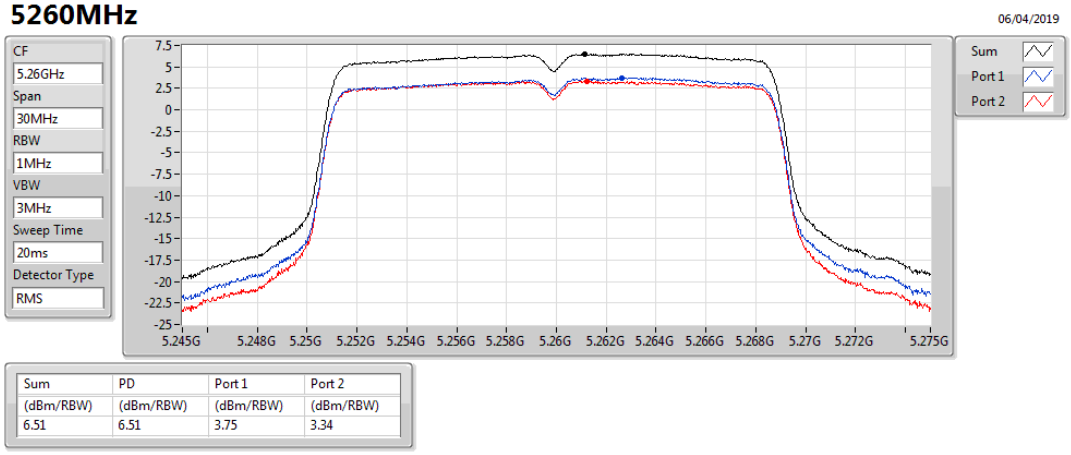
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.17	6.17	3.28	3.14

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

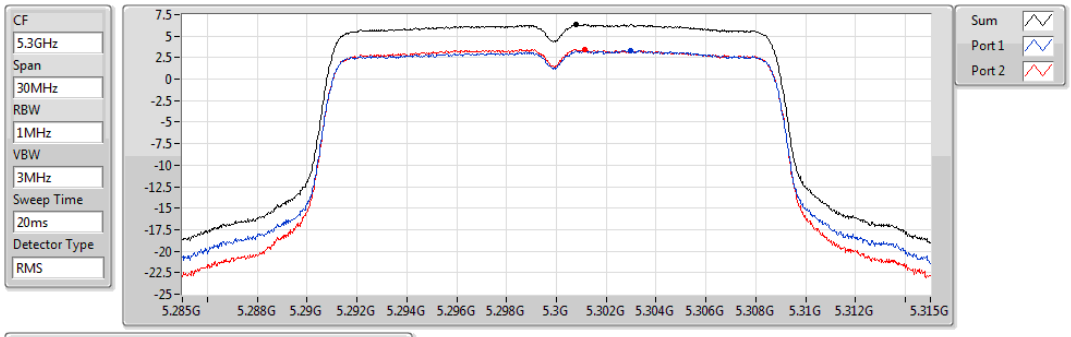
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.51	6.51	3.75	3.34

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

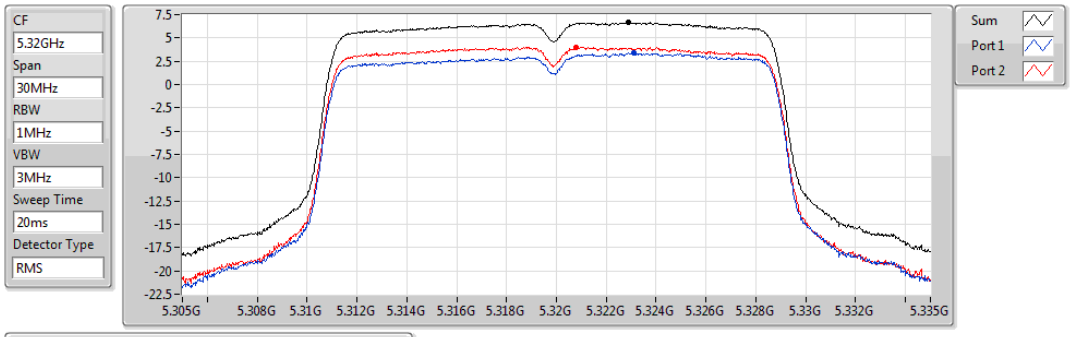
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	3.33	3.46

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

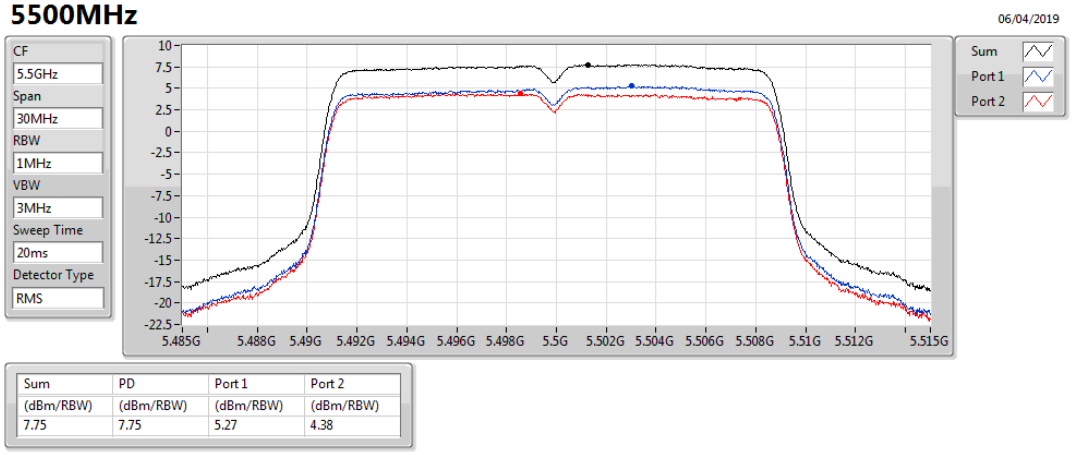
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.64	6.64	3.38	4.04

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

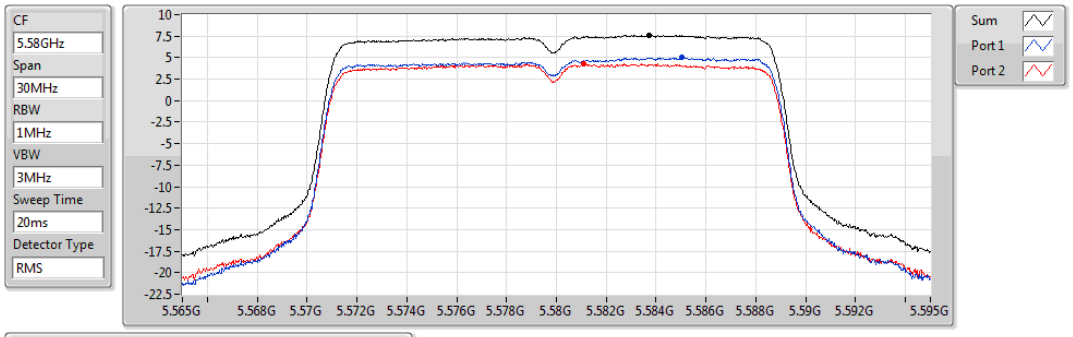
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	5.27	4.38

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

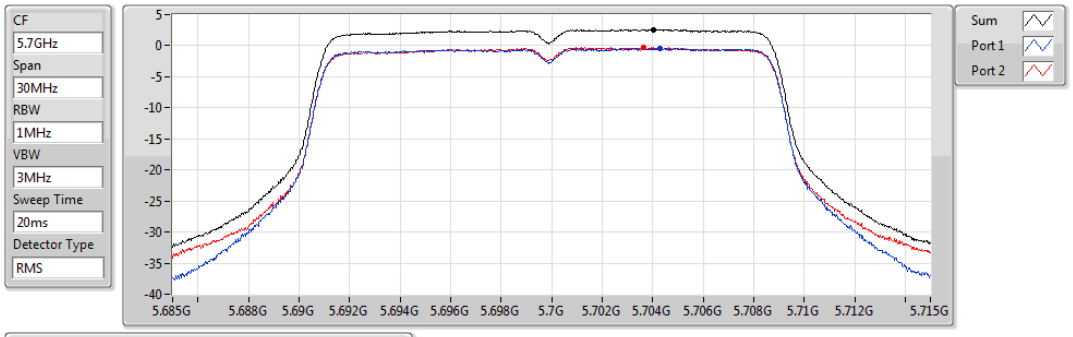
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	5.01	4.28

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

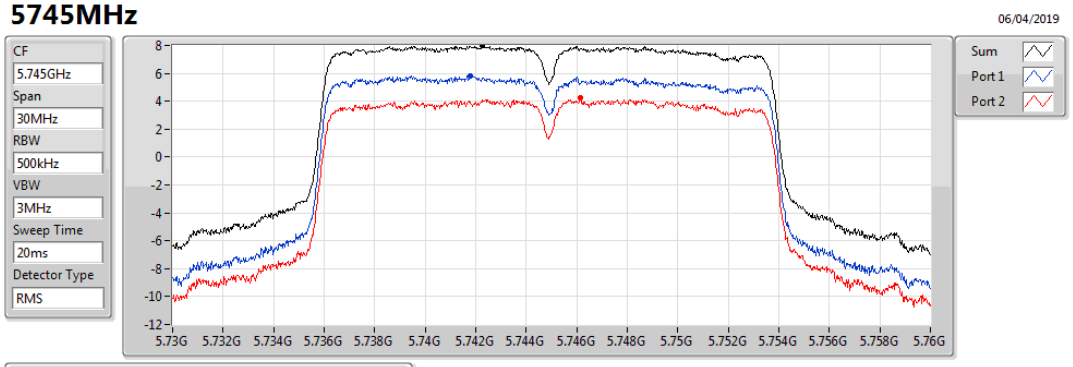
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.59	2.59	-0.48	-0.29

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

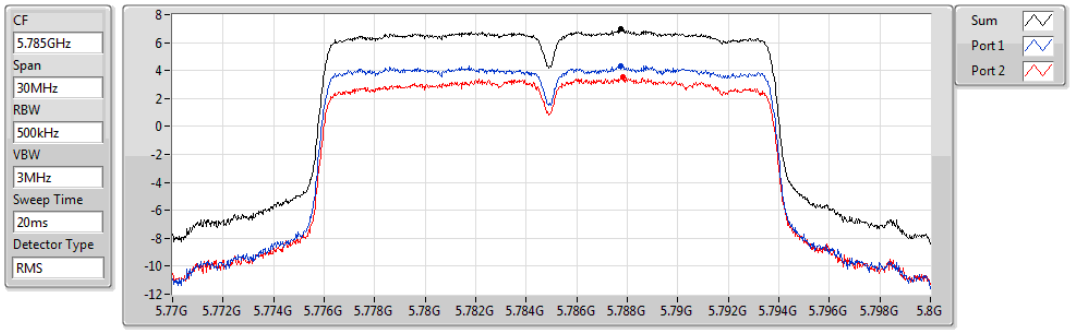
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	5.79	4.24

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

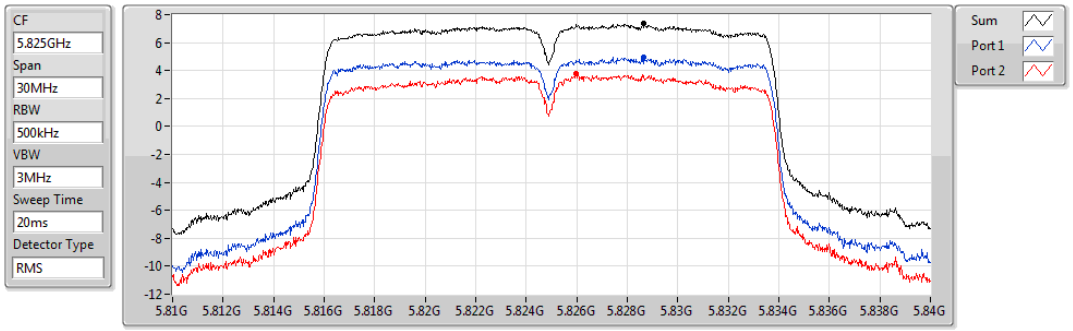
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.96	6.96	4.35	3.52

802.11ac VHT20_Nss1,(MCS0)_2TX PSD

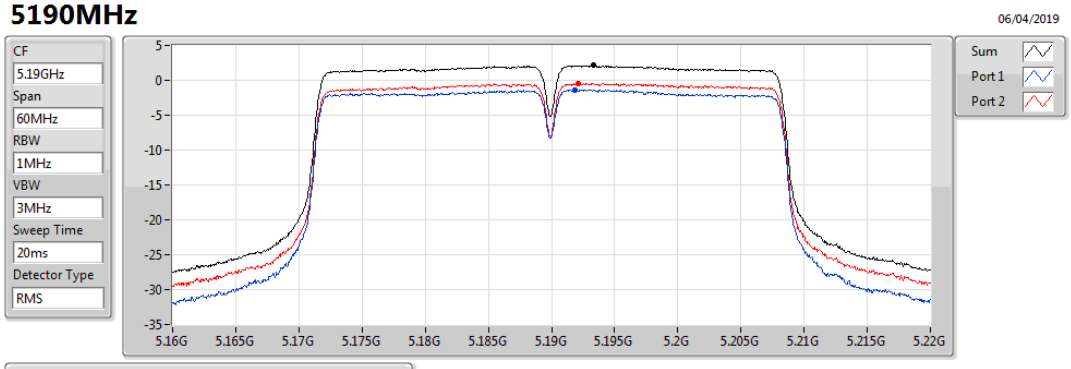
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	4.97	3.75

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

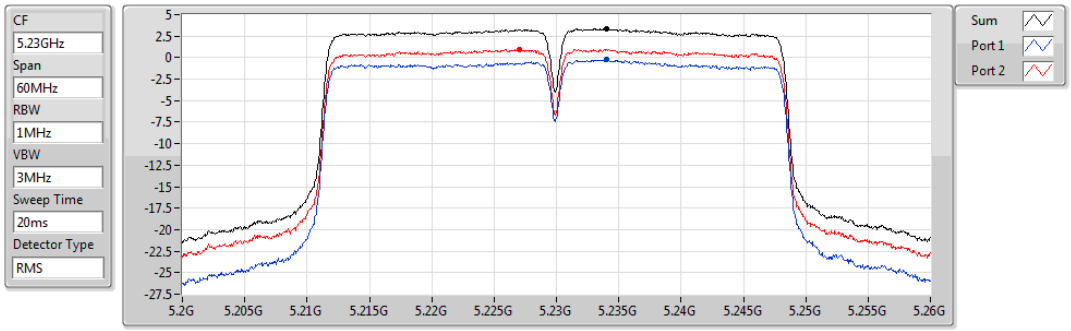
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.11	2.11	-1.34	-0.47

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

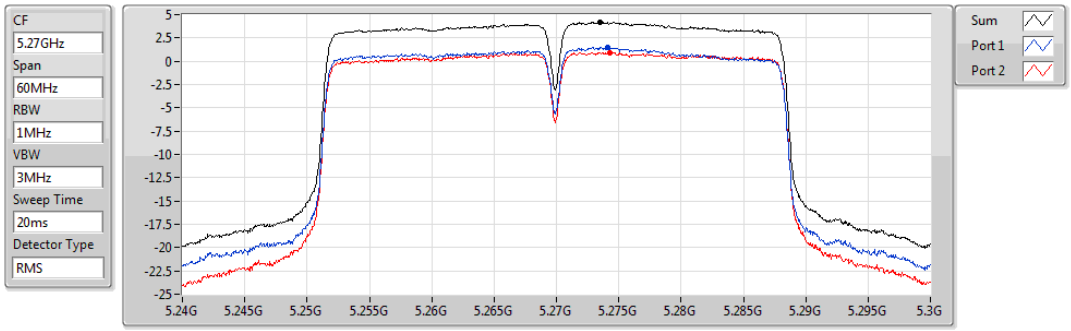
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	-0.24	0.94

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

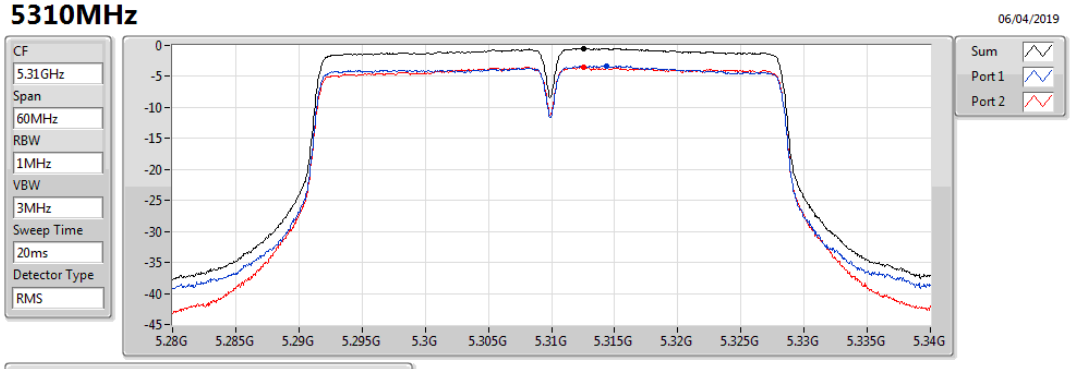
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.18	4.18	1.51	0.92

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

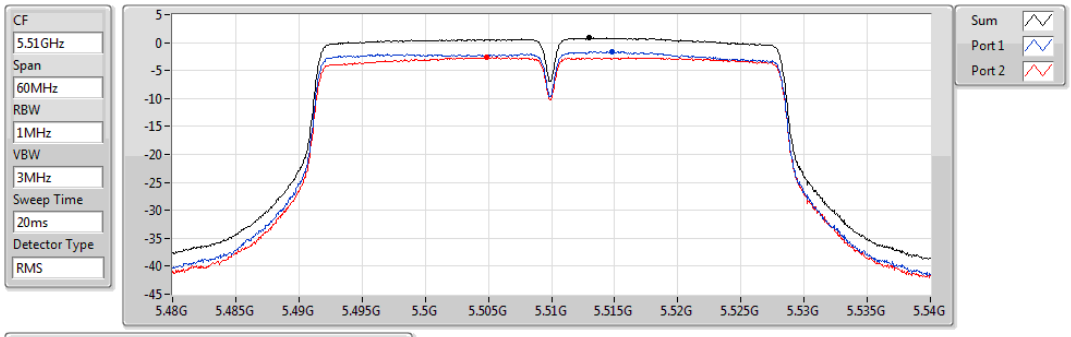
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.44	-0.44	-3.29	-3.51

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

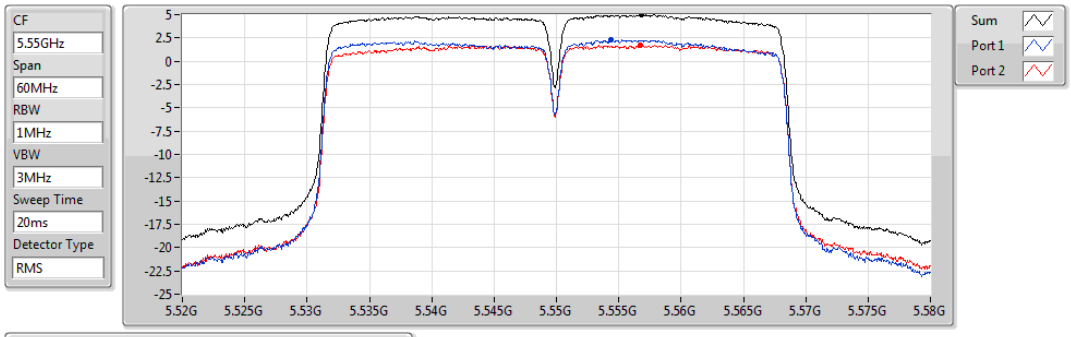
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.82	0.82	-1.61	-2.64

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

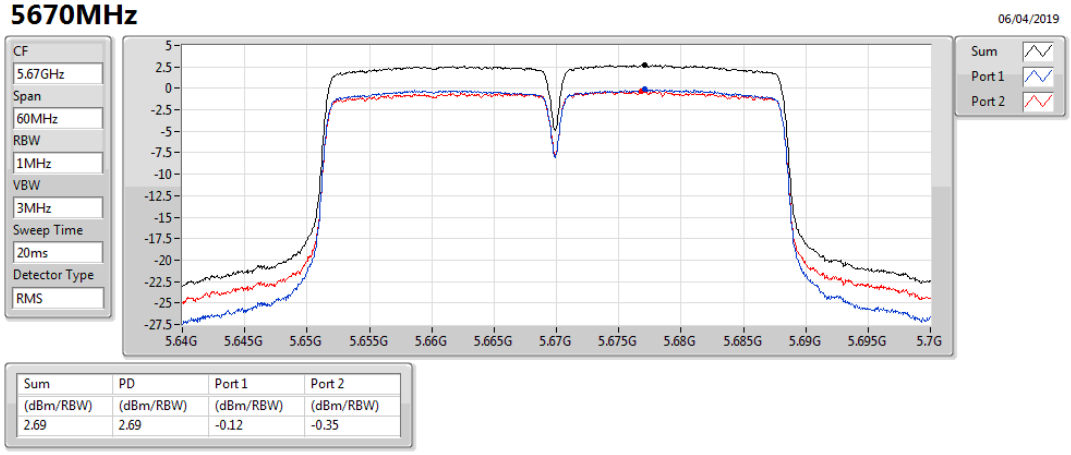
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	2.26	1.74

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

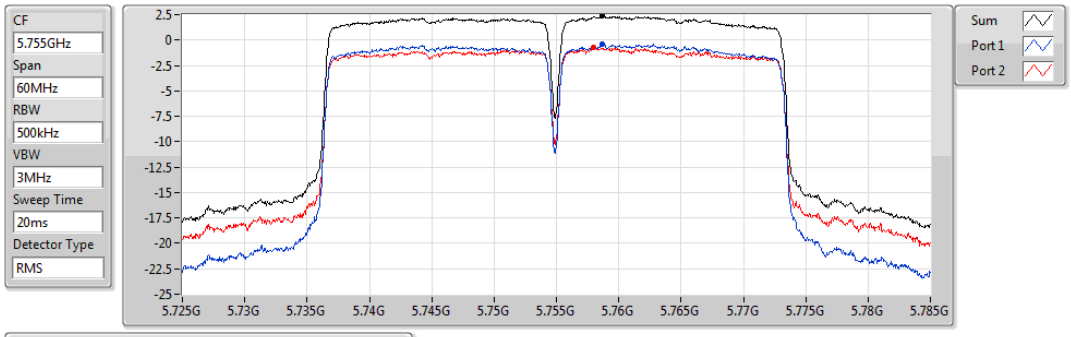
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.69	2.69	-0.12	-0.35

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

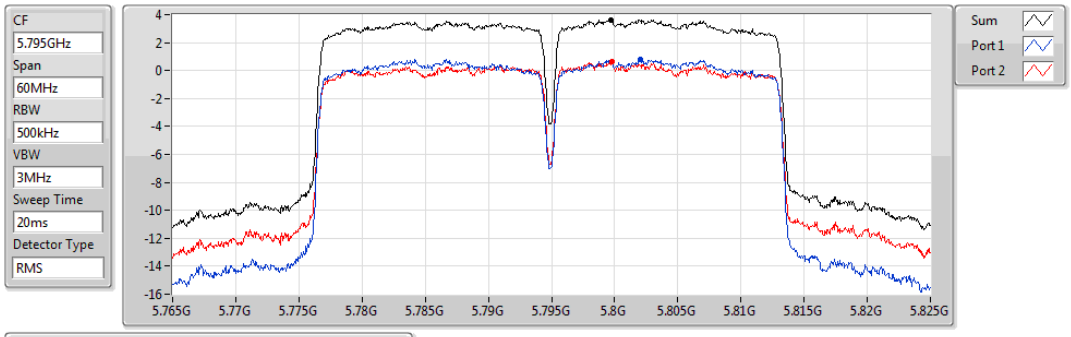
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-0.44	-0.77

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

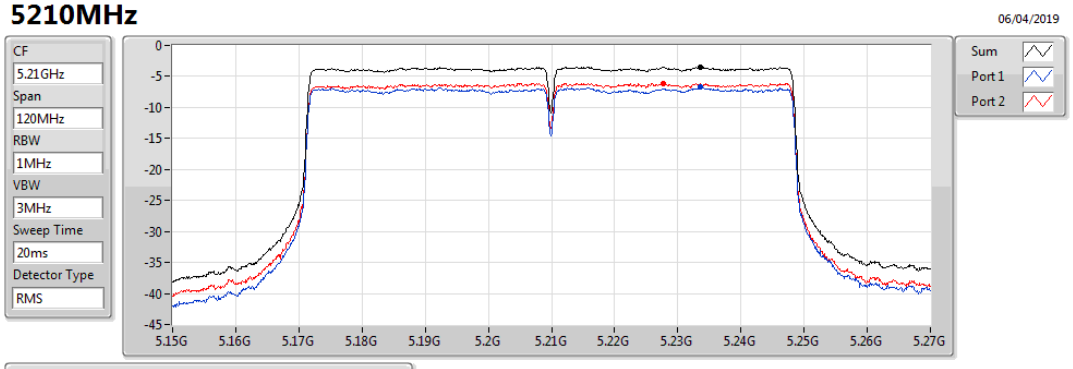
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	0.79	0.65

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

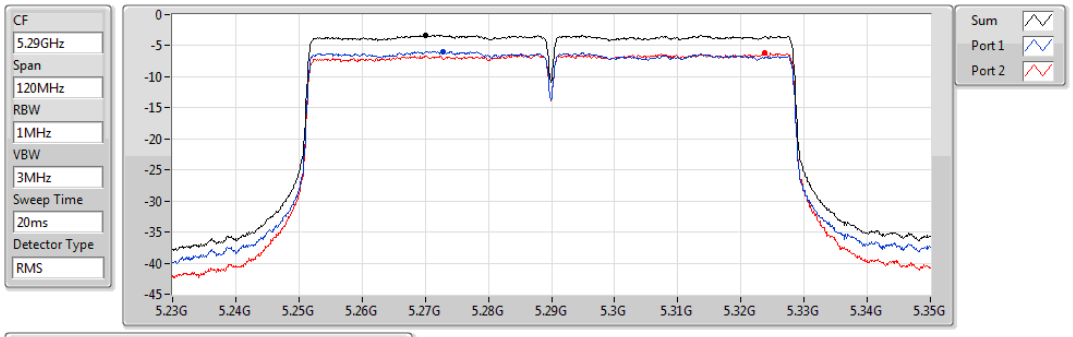
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.45	-3.45	-6.70	-6.07

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

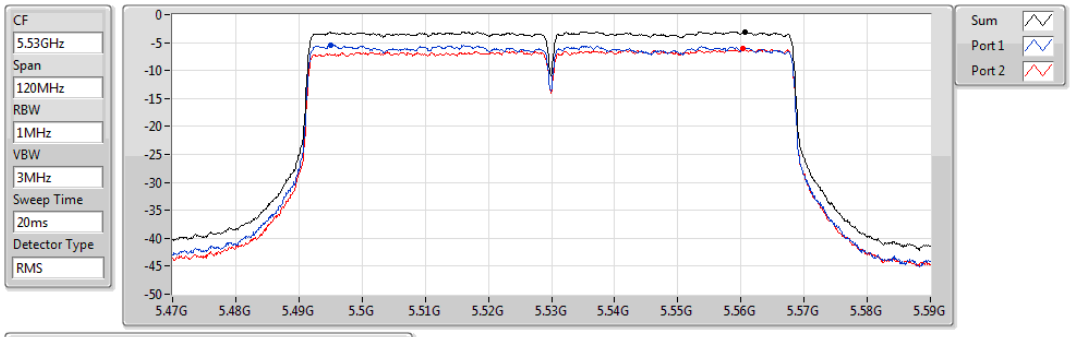
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.29	-3.29	-5.89	-6.21

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

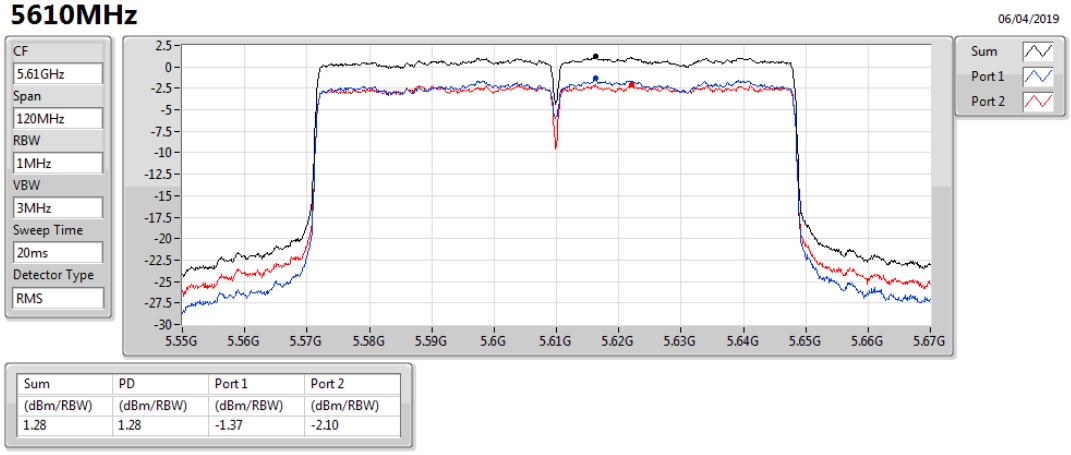
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.04	-3.04	-5.47	-6.06

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

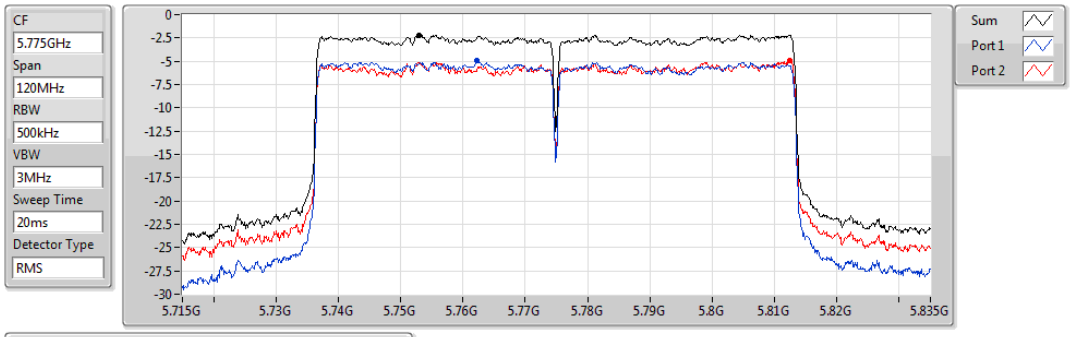
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.28	1.28	-1.37	-2.10

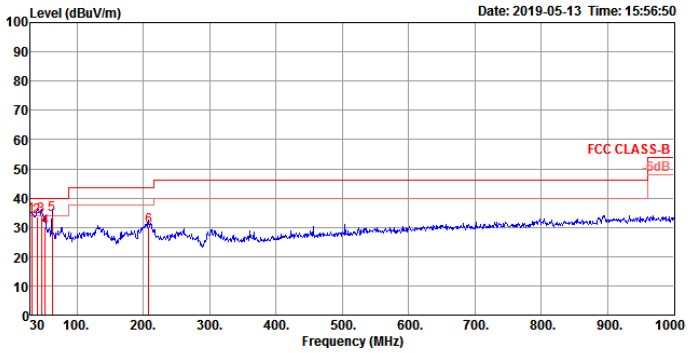
802.11ac VHT80_Nss1,(MCS0)_2TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.19	-2.19	-4.94	-4.98

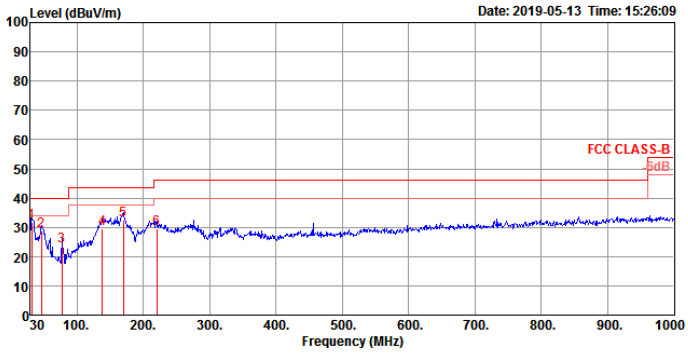
RSE below 1GHz Result			
Operating Mode	2	**Polarization**	Vertical
Operating Function	CTX		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	31.94	33.82	40.00	-6.18	42.80	0.52	22.93	32.43	200	97	QP	VERTICAL
2	39.70	33.50	40.00	-6.50	46.89	0.61	18.42	32.42	100	227	QP	VERTICAL
3	46.49	34.13	40.00	-5.87	50.70	0.69	15.16	32.42	100	354	QP	VERTICAL
4	52.31	29.71	40.00	-10.29	48.31	0.74	13.08	32.42	100	316	QP	VERTICAL
5	62.98	34.20	40.00	-5.80	53.60	0.83	12.17	32.40	200	65	QP	VERTICAL
6	208.48	30.34	43.50	-13.16	45.90	1.51	15.23	32.30	100	301	QP	VERTICAL

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

RSE below 1GHz Result			
Operating Mode	2	**Polarization**	Horizontal
Operating Function	CTX		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	31.94	31.72	40.00	-8.28	40.70	0.52	22.93	32.43	100	185	QP	HORIZONTAL
2	46.49	28.83	40.00	-11.17	45.40	0.69	15.16	32.42	300	114	QP	HORIZONTAL
3	77.53	23.61	40.00	-16.39	42.80	0.89	12.31	32.39	100	260	QP	HORIZONTAL
4	138.64	29.58	43.50	-13.92	43.49	1.22	17.21	32.34	200	237	QP	HORIZONTAL
5	169.68	32.36	43.50	-11.14	47.59	1.35	15.74	32.32	150	99	QP	HORIZONTAL
6	220.12	29.56	46.00	-16.44	45.10	1.54	15.21	32.29	125	228	QP	HORIZONTAL

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

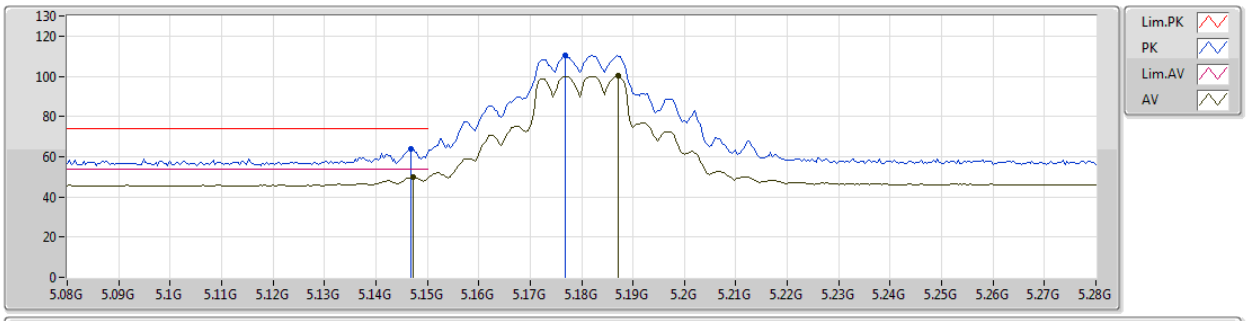
Summary

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 VHT80_Nss1,(MCS0)_2TX	Pass	PK	5.733G	68.15	68.20	-0.05	8.17	3	Vertical	209	2.86	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

28/03/2019



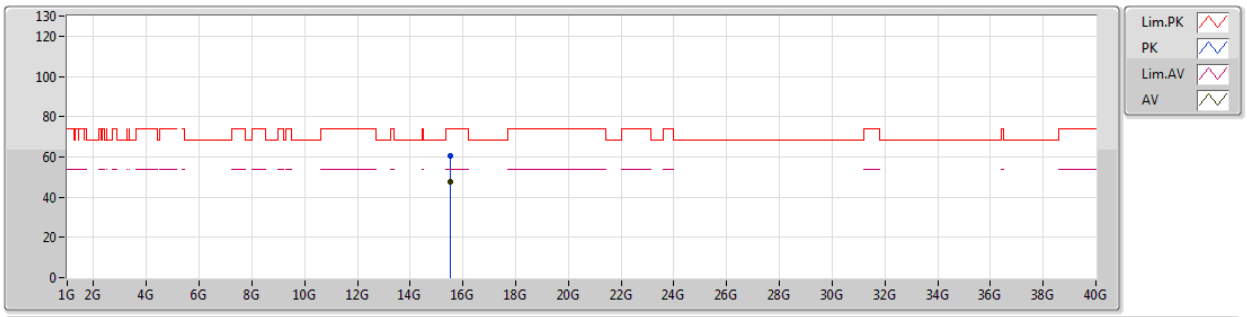
EUT Z_2TX
Setting 17
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1468G	64.05	74.00	-9.95	7.27	3	Vertical	3	2.14	-
AV	5.1472G	49.84	54.00	-4.16	7.27	3	Vertical	3	2.14	-
PK	5.1768G	110.27	Inf	-Inf	7.33	3	Vertical	3	2.14	-
AV	5.1872G	100.07	Inf	-Inf	7.34	3	Vertical	3	2.14	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

28/03/2019



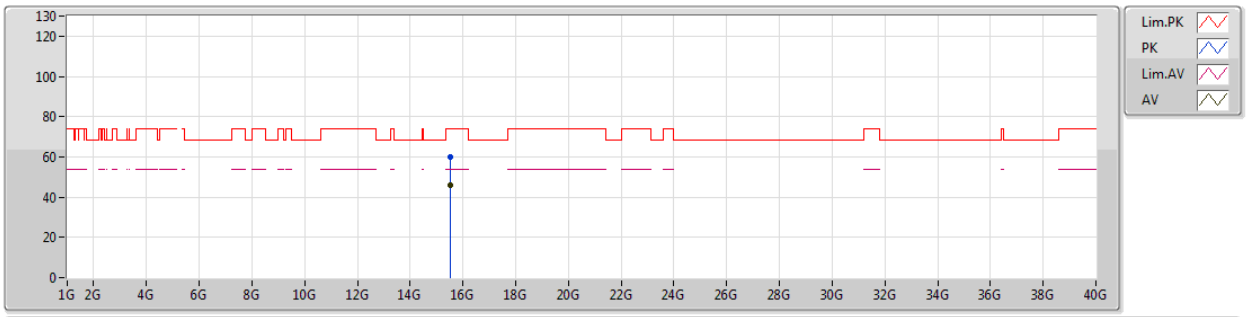
EUT Z_2TX
Setting 17
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.53568G	60.64	74.00	-13.36	17.23	3	Vertical	220	1.23	-
AV	15.53036G	47.64	54.00	-6.36	17.24	3	Vertical	220	1.23	-

802.11a_Nss1,(6Mbps)_2TX

5180MHz_TX

28/03/2019



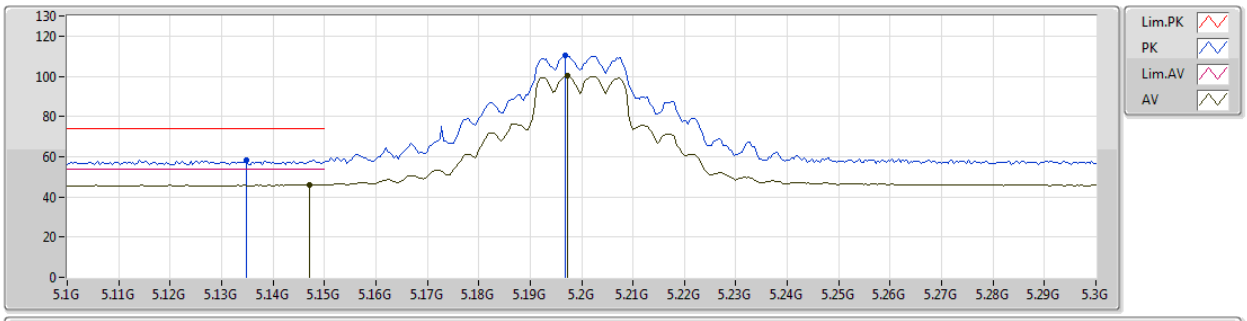
EUT Z_2TX
Setting 17
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5356G	59.76	74.00	-14.24	17.23	3	Horizontal	1	1.50	-
AV	15.53044G	46.14	54.00	-7.86	17.24	3	Horizontal	1	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

28/03/2019



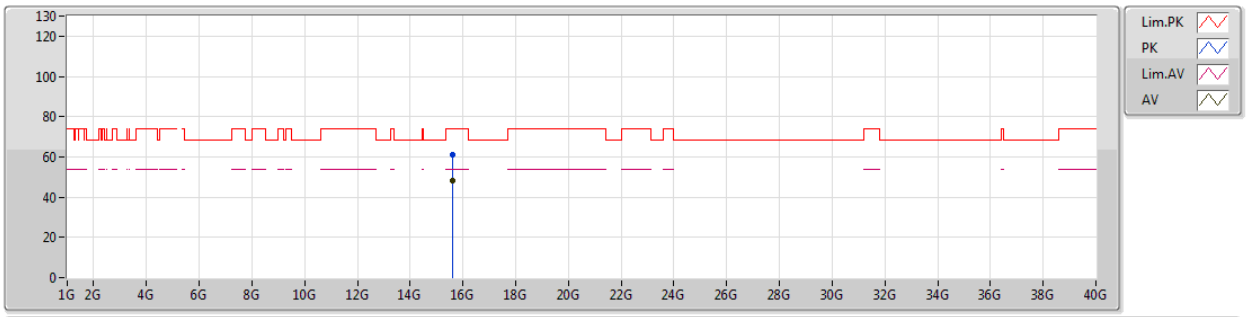
EUT Z_2TX
Setting 17
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1348G	58.29	74.00	-15.71	7.25	3	Vertical	4	2.14	-
AV	5.1472G	46.13	54.00	-7.87	7.27	3	Vertical	4	2.14	-
PK	5.1968G	110.49	Inf	-Inf	7.36	3	Vertical	4	2.14	-
AV	5.1972G	100.19	Inf	-Inf	7.36	3	Vertical	4	2.14	-

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

28/03/2019



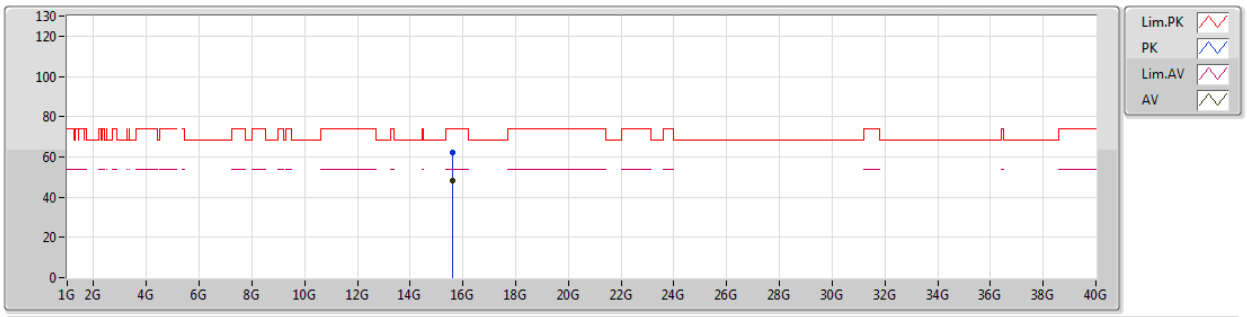
EUT Z_2TX
Setting 17
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.59848G	61.20	74.00	-12.80	17.15	3	Vertical	167	2.22	-
AV	15.5984G	48.01	54.00	-5.99	17.15	3	Vertical	167	2.22	-

802.11a_Nss1,(6Mbps)_2TX

5200MHz_TX

28/03/2019



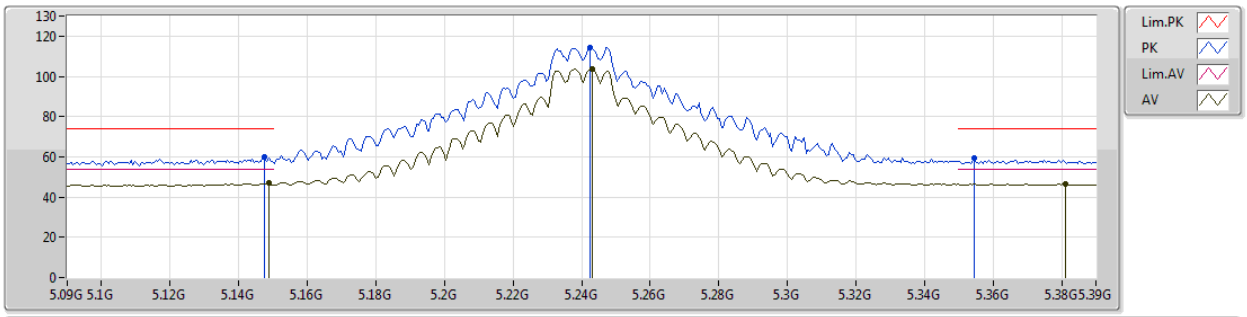
EUT Z_2TX
Setting 17
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.60126G	61.93	74.00	-12.07	17.15	3	Horizontal	127	1.05	-
AV	15.59946G	47.91	54.00	-6.09	17.15	3	Horizontal	127	1.05	-

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

28/03/2019



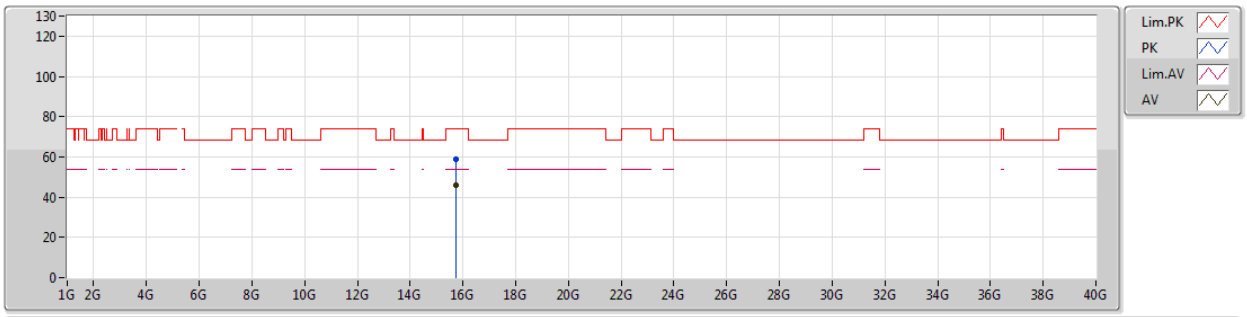
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1476G	59.91	74.00	-14.09	7.27	3	Vertical	15	2.20	-
AV	5.1488G	46.80	54.00	-7.20	7.27	3	Vertical	15	2.20	-
PK	5.2424G	114.24	Inf	-Inf	7.42	3	Vertical	15	2.20	-
AV	5.243G	103.69	Inf	-Inf	7.42	3	Vertical	15	2.20	-
PK	5.3546G	59.54	74.00	-14.46	7.55	3	Vertical	15	2.20	-
AV	5.381G	46.40	54.00	-7.60	7.59	3	Vertical	15	2.20	-

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

28/03/2019



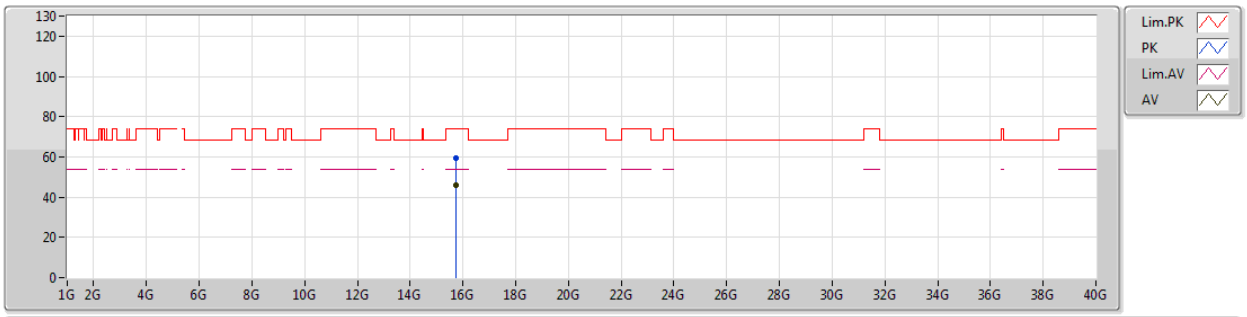
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7243G	58.96	74.00	-15.04	16.90	3	Vertical	1	1.23	-
AV	15.71772G	45.72	54.00	-8.28	16.91	3	Vertical	1	1.23	-

802.11a_Nss1,(6Mbps)_2TX

5240MHz_TX

28/03/2019



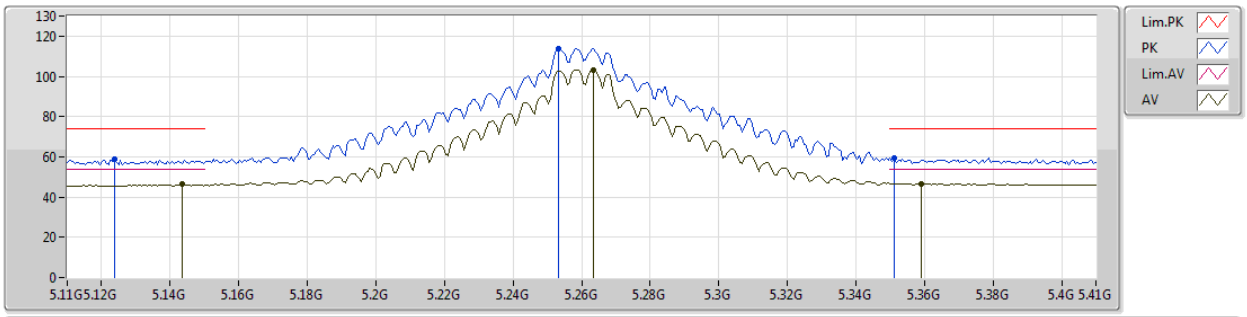
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.72382G	59.56	74.00	-14.44	16.90	3	Horizontal	95	2.07	-
AV	15.71944G	45.85	54.00	-8.15	16.91	3	Horizontal	95	2.07	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

28/03/2019



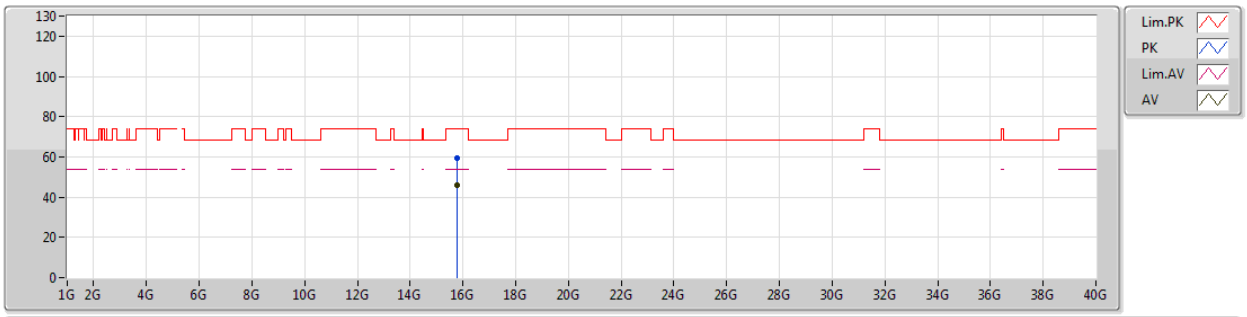
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1238G	59.06	74.00	-14.94	7.23	3	Vertical	21	2.31	-
AV	5.1436G	46.30	54.00	-7.70	7.27	3	Vertical	21	2.31	-
PK	5.2534G	113.80	Inf	-Inf	7.42	3	Vertical	21	2.31	-
AV	5.2636G	103.32	Inf	-Inf	7.44	3	Vertical	21	2.31	-
PK	5.3512G	59.46	74.00	-14.54	7.55	3	Vertical	21	2.31	-
AV	5.359G	46.63	54.00	-7.37	7.57	3	Vertical	21	2.31	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

28/03/2019



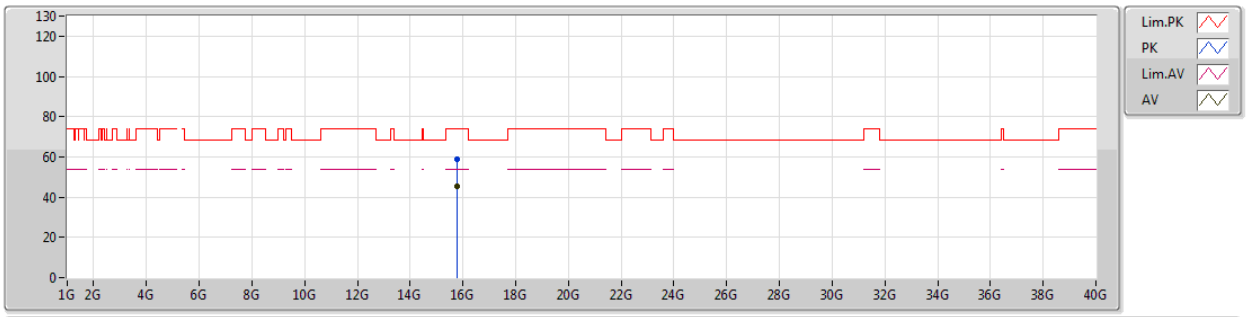
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78312G	59.31	74.00	-14.69	16.84	3	Vertical	127	1.56	-
AV	15.77812G	45.75	54.00	-8.25	16.85	3	Vertical	127	1.56	-

802.11a_Nss1,(6Mbps)_2TX

5260MHz_TX

28/03/2019



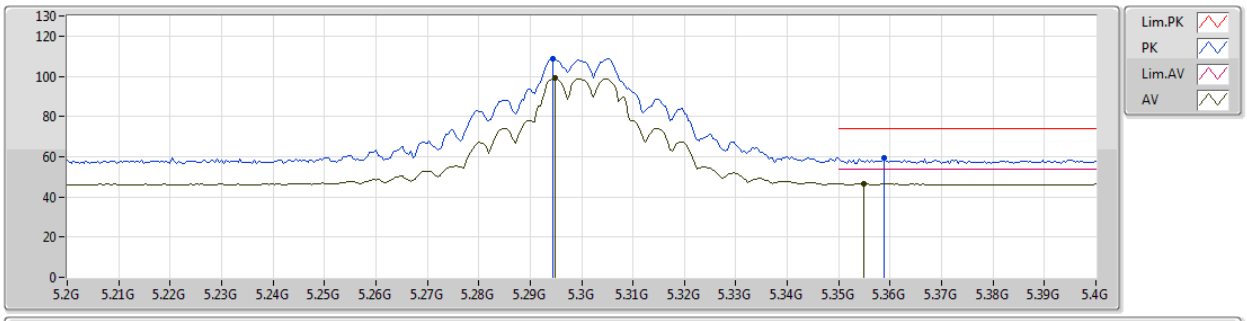
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.78366G	58.58	74.00	-15.42	16.84	3	Horizontal	202	1.41	-
AV	15.77672G	45.42	54.00	-8.58	16.85	3	Horizontal	202	1.41	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

28/03/2019



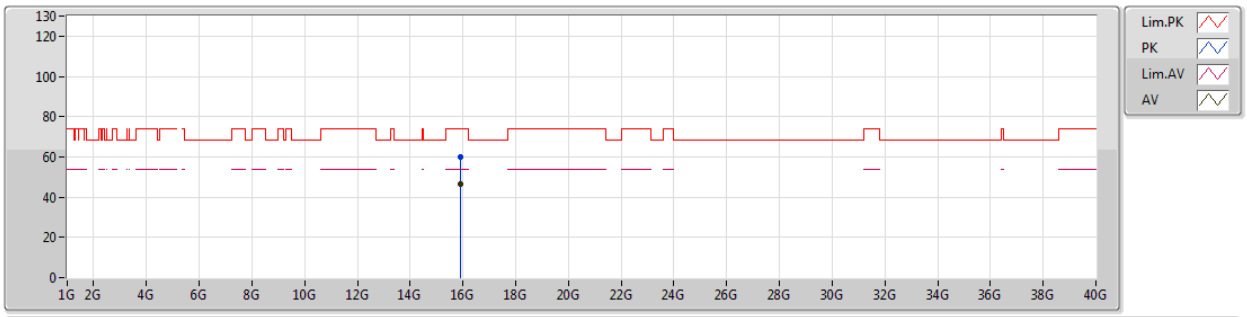
EUT Z_2TX
Setting 18
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.2944G	108.67	Inf	-Inf	7.48	3	Vertical	324	2.50	-
AV	5.2948G	99.22	Inf	-Inf	7.48	3	Vertical	324	2.50	-
PK	5.3588G	59.48	74.00	-14.52	7.57	3	Vertical	324	2.50	-
AV	5.3548G	46.69	54.00	-7.31	7.55	3	Vertical	324	2.50	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

28/03/2019



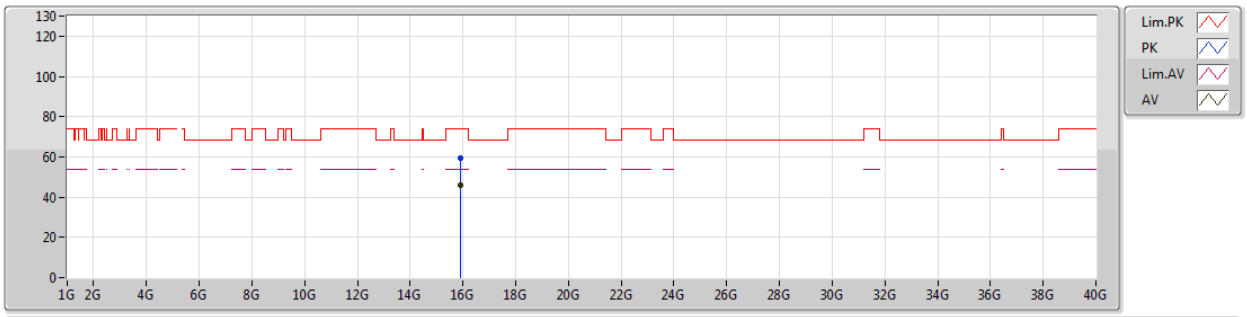
EUT Z_2TX
Setting 18
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.90118G	59.68	74.00	-14.32	16.68	3	Vertical	314	1.65	-
AV	15.8961G	46.23	54.00	-7.77	16.69	3	Vertical	314	1.65	-

802.11a_Nss1,(6Mbps)_2TX

5300MHz_TX

28/03/2019



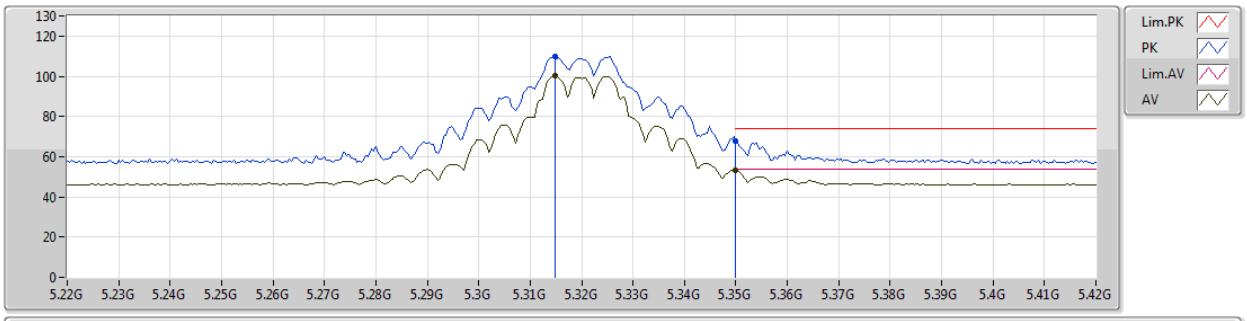
EUT Z_2TX
Setting 18
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.90134G	59.29	74.00	-14.71	16.68	3	Horizontal	132	1.48	-
AV	15.89944G	46.08	54.00	-7.92	16.68	3	Horizontal	132	1.48	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

28/03/2019



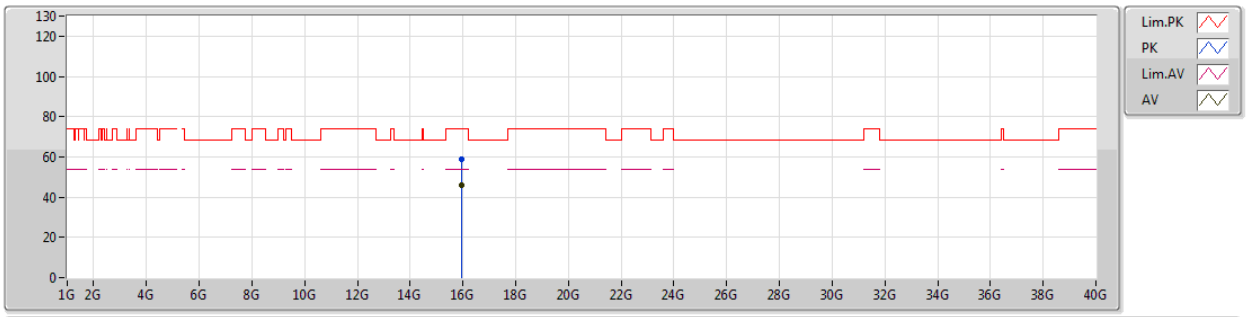
EUT Z_2TX
Setting 18
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3148G	109.87	Inf	-Inf	7.50	3	Vertical	224	2.86	-
AV	5.3148G	100.18	Inf	-Inf	7.50	3	Vertical	224	2.86	-
PK	5.35G	68.06	74.00	-5.94	7.55	3	Vertical	224	2.86	-
AV	5.35G	53.36	54.00	-0.64	7.55	3	Vertical	224	2.86	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

28/03/2019



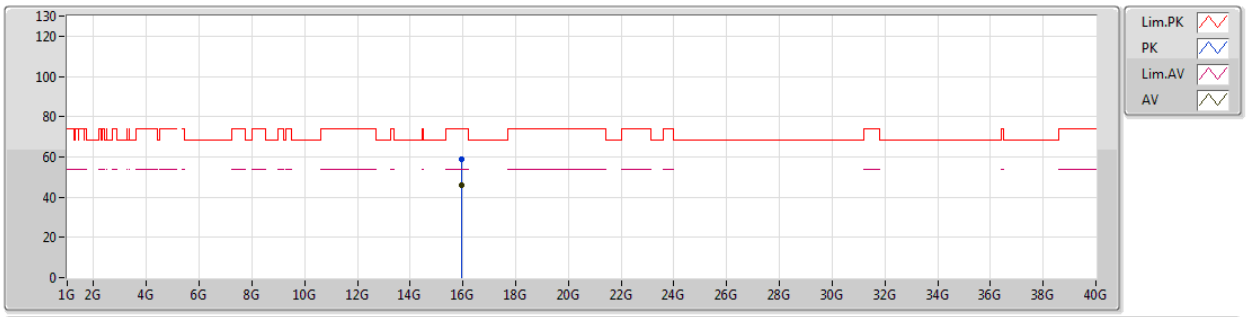
EUT Z_2TX
Setting 18
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.96382G	58.75	74.00	-15.25	16.60	3	Vertical	72	1.95	-
AV	15.95562G	45.73	54.00	-8.27	16.62	3	Vertical	72	1.95	-

802.11a_Nss1,(6Mbps)_2TX

5320MHz_TX

28/03/2019



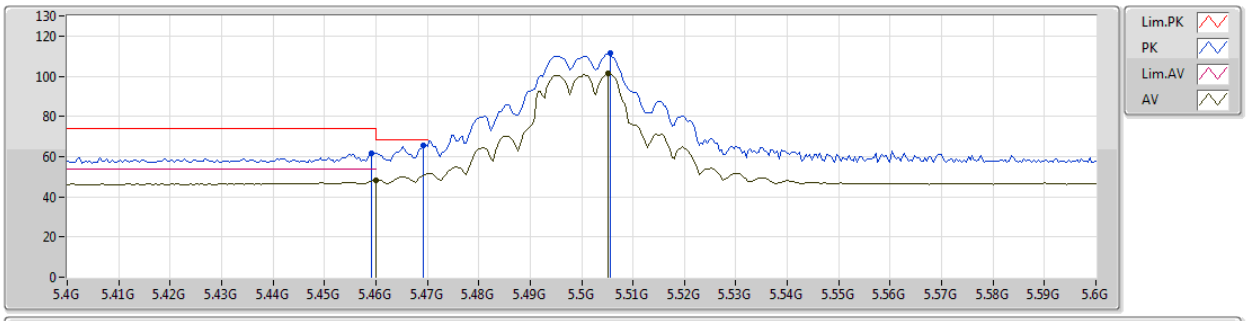
EUT Z_2TX
Setting 18
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.96164G	58.96	74.00	-15.04	16.60	3	Horizontal	56	1.45	-
AV	15.96436G	45.86	54.00	-8.14	16.60	3	Horizontal	56	1.45	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

28/03/2019



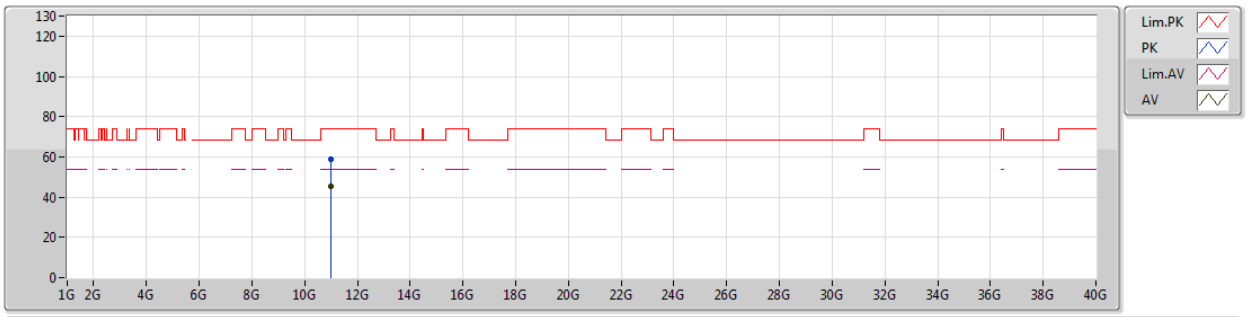
EUT Z_2TX
Setting 17.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4592G	61.88	74.00	-12.12	7.71	3	Vertical	213	2.85	-
AV	5.46G	48.26	54.00	-5.74	7.71	3	Vertical	213	2.85	-
PK	5.4692G	65.61	68.20	-2.59	7.72	3	Vertical	213	2.85	-
PK	5.5056G	111.26	Inf	-Inf	7.78	3	Vertical	213	2.85	-
AV	5.5052G	101.25	Inf	-Inf	7.77	3	Vertical	213	2.85	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

28/03/2019



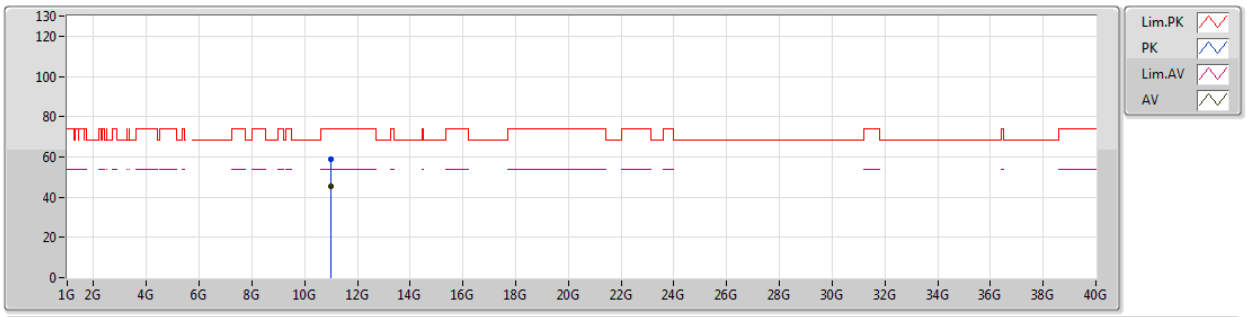
EUT Z_2TX
Setting 17.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.99776G	59.06	74.00	-14.94	17.08	3	Vertical	47	1.00	-
AV	10.9966G	45.27	54.00	-8.73	17.08	3	Vertical	47	1.00	-

802.11a_Nss1,(6Mbps)_2TX

5500MHz_TX

28/03/2019



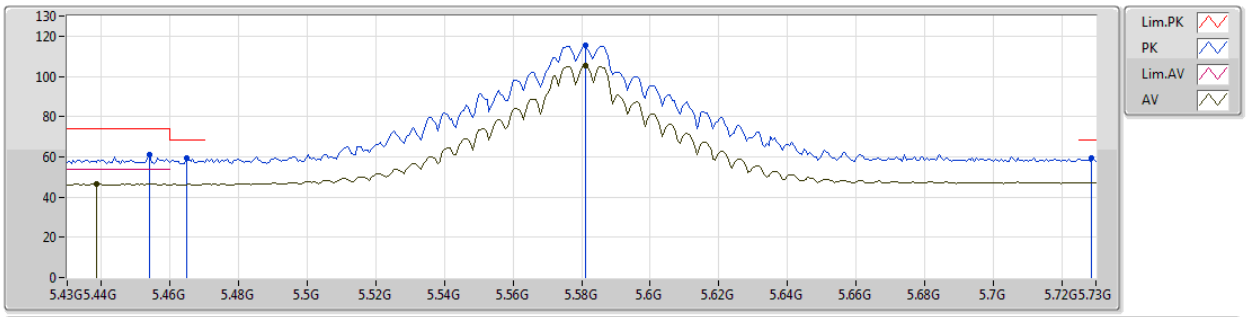
EUT Z_2TX
Setting 17.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00384G	58.62	74.00	-15.38	17.08	3	Horizontal	262	1.61	-
AV	11.0001G	45.28	54.00	-8.72	17.08	3	Horizontal	262	1.61	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

28/03/2019



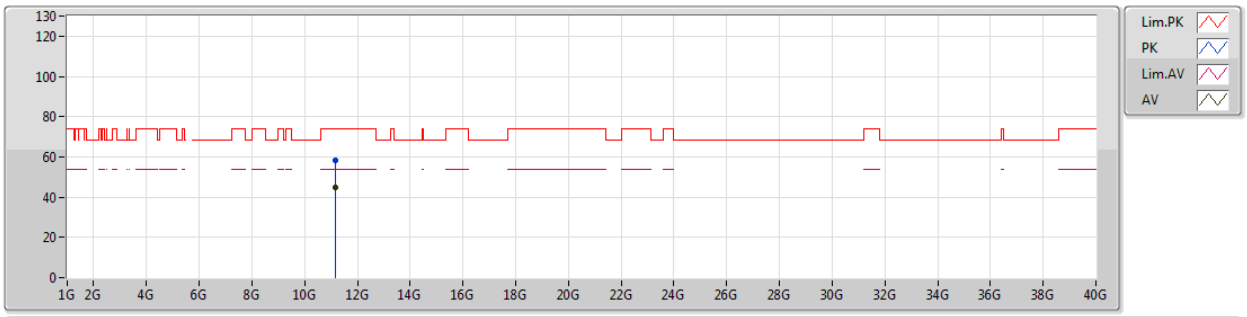
EUT Z_2TX
Setting 21
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.454G	61.15	74.00	-12.85	7.69	3	Vertical	207	2.91	-
AV	5.4384G	46.45	54.00	-7.55	7.66	3	Vertical	207	2.91	-
PK	5.4648G	59.33	68.20	-8.87	7.71	3	Vertical	207	2.91	-
PK	5.5812G	115.52	Inf	-Inf	7.91	3	Vertical	207	2.91	-
AV	5.5812G	105.56	Inf	-Inf	7.91	3	Vertical	207	2.91	-
PK	5.7288G	59.43	68.20	-8.77	8.16	3	Vertical	207	2.91	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

28/03/2019



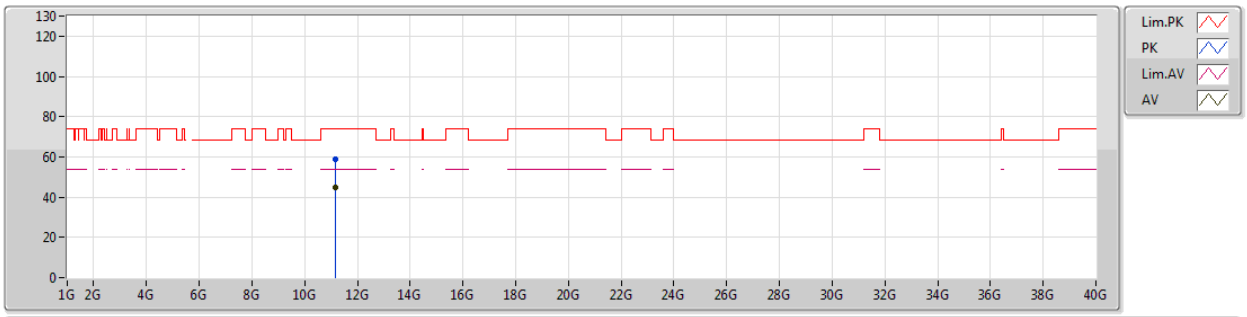
EUT Z_2TX
Setting 21
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.15958G	58.08	74.00	-15.92	17.04	3	Vertical	35	1.36	-
AV	11.15814G	44.80	54.00	-9.20	17.04	3	Vertical	35	1.36	-

802.11a_Nss1,(6Mbps)_2TX

5580MHz_TX

28/03/2019



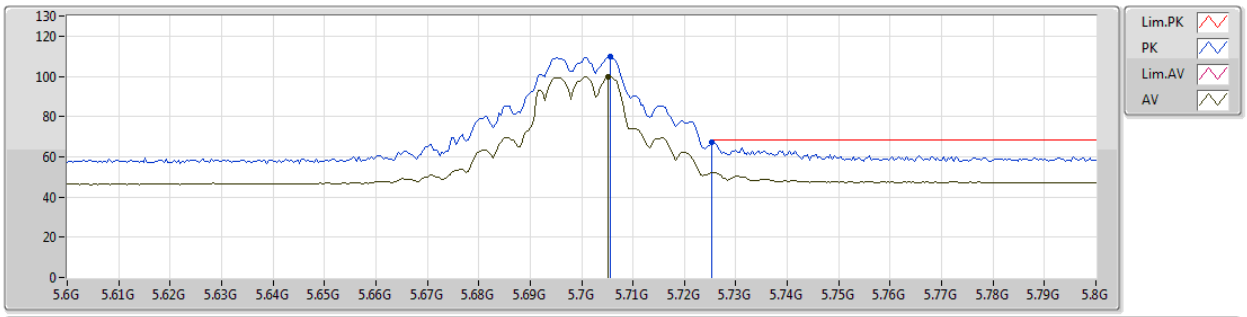
EUT Z_2TX
Setting 21
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.15956G	58.95	74.00	-15.05	17.04	3	Horizontal	10	2.24	-
AV	11.15602G	45.04	54.00	-8.96	17.05	3	Horizontal	10	2.24	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

28/03/2019



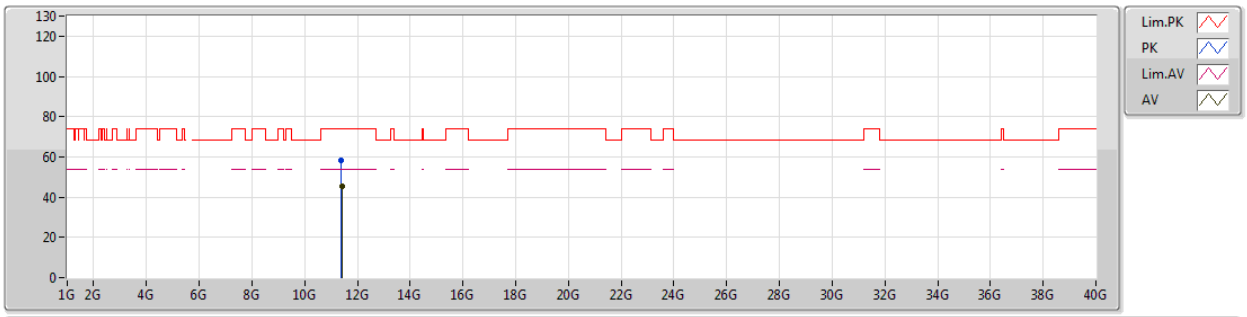
EUT Z_2TX
Setting 15
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7056G	109.91	Inf	-Inf	8.12	3	Vertical	209	1.56	-
AV	5.7052G	99.58	Inf	-Inf	8.12	3	Vertical	209	1.56	-
PK	5.7252G	67.11	68.20	-1.09	8.16	3	Vertical	209	1.56	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

28/03/2019



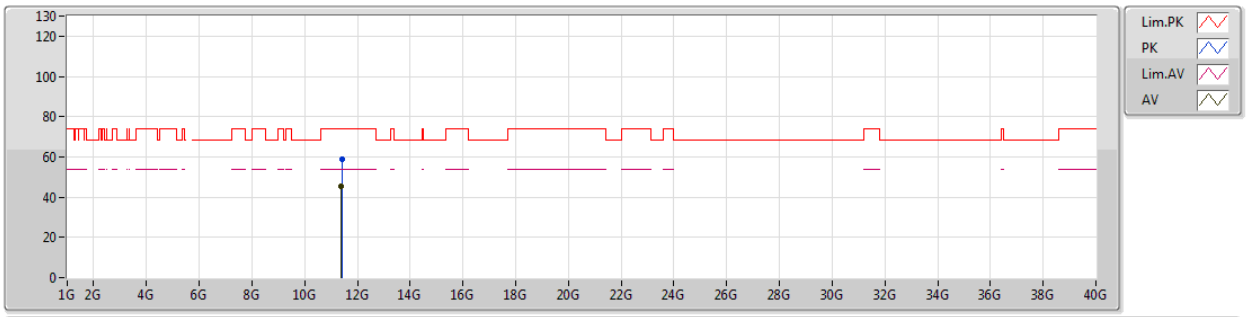
EUT Z_2TX
Setting 15
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3982G	58.26	74.00	-15.74	16.98	3	Vertical	94	1.15	-
AV	11.40456G	45.16	54.00	-8.84	16.98	3	Vertical	94	1.15	-

802.11a_Nss1,(6Mbps)_2TX

5700MHz_TX

28/03/2019



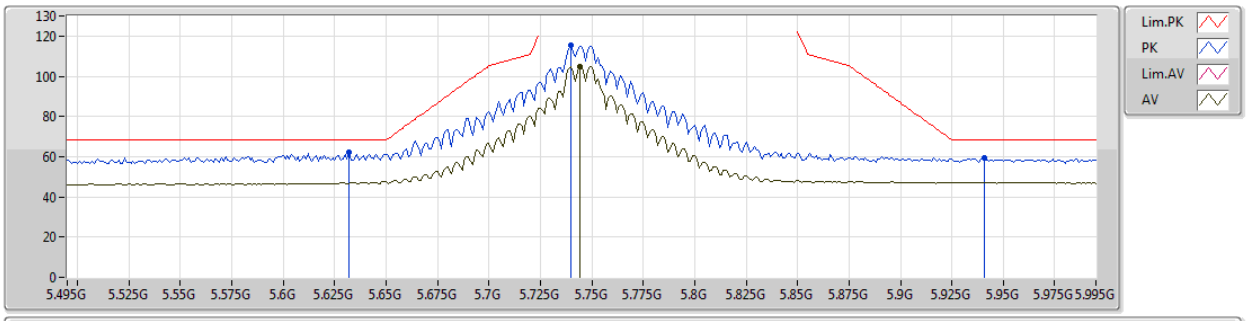
EUT Z_2TX
Setting 15
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.40348G	58.63	74.00	-15.37	16.98	3	Horizontal	107	1.51	-
AV	11.39968G	45.20	54.00	-8.80	16.98	3	Horizontal	107	1.51	-

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

28/03/2019



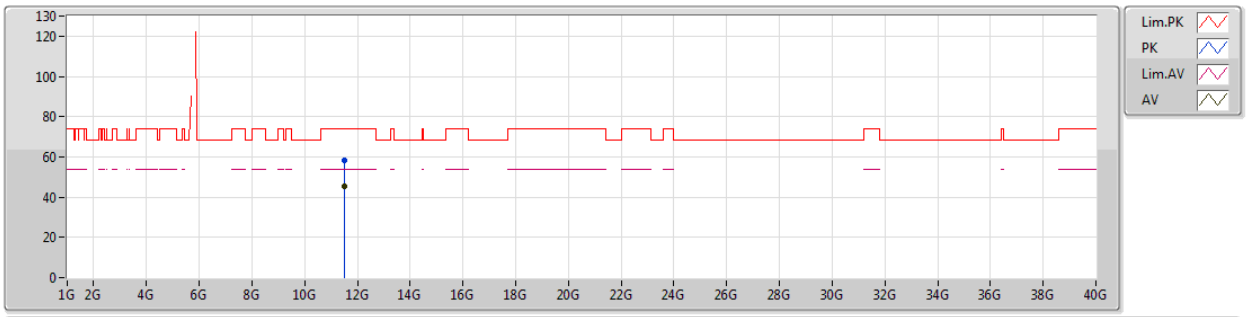
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.632G	62.46	68.20	-5.74	8.00	3	Vertical	214	1.62	-
PK	5.74G	115.19	Inf	-Inf	8.17	3	Vertical	214	1.62	-
AV	5.744G	104.88	Inf	-Inf	8.18	3	Vertical	214	1.62	-
PK	5.941G	59.37	68.20	-8.83	8.59	3	Vertical	214	1.62	-

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

28/03/2019



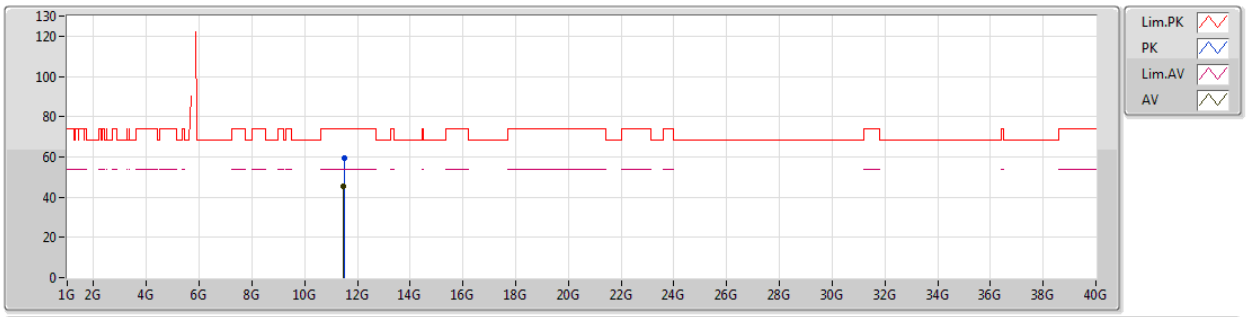
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4884G	58.11	74.00	-15.89	16.95	3	Vertical	202	2.03	-
AV	11.49082G	45.14	54.00	-8.86	16.96	3	Vertical	202	2.03	-

802.11a_Nss1,(6Mbps)_2TX

5745MHz_TX

28/03/2019



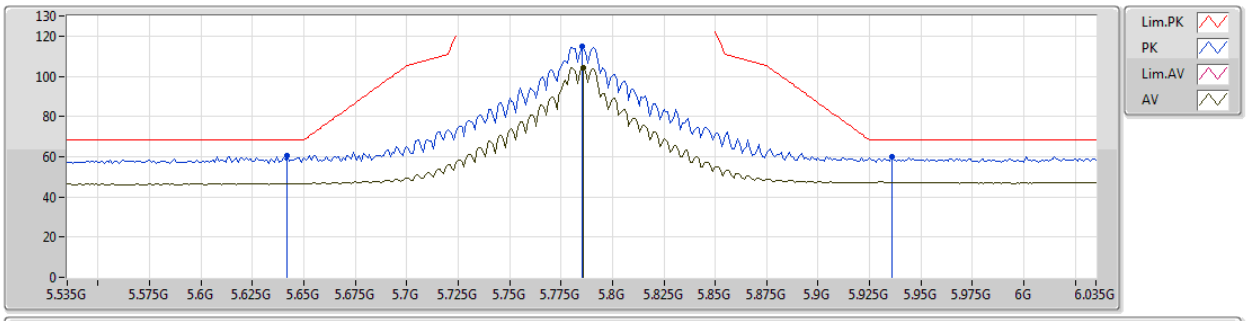
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4882G	59.28	74.00	-14.72	16.95	3	Horizontal	135	1.59	-
AV	11.48658G	45.19	54.00	-8.81	16.95	3	Horizontal	135	1.59	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

28/03/2019



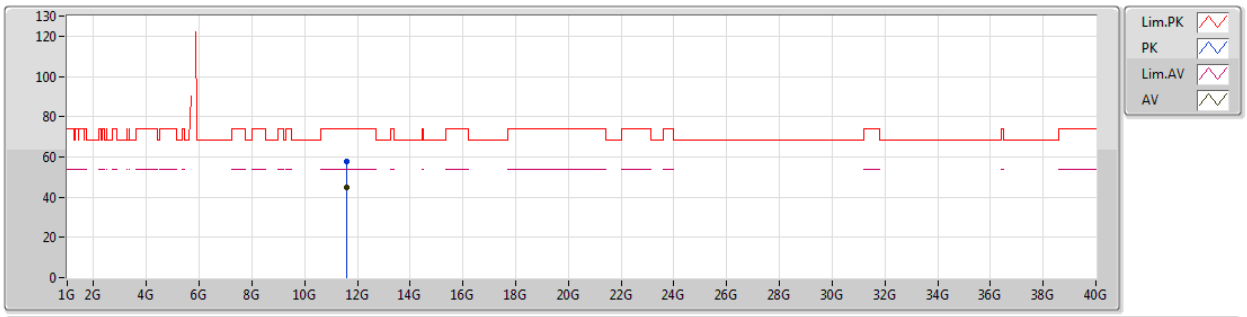
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.642G	60.28	68.20	-7.92	8.02	3	Vertical	202	1.62	-
PK	5.785G	114.78	Inf	-Inf	8.25	3	Vertical	202	1.62	-
AV	5.786G	104.41	Inf	-Inf	8.25	3	Vertical	202	1.62	-
PK	5.936G	60.01	68.20	-8.19	8.58	3	Vertical	202	1.62	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

28/03/2019



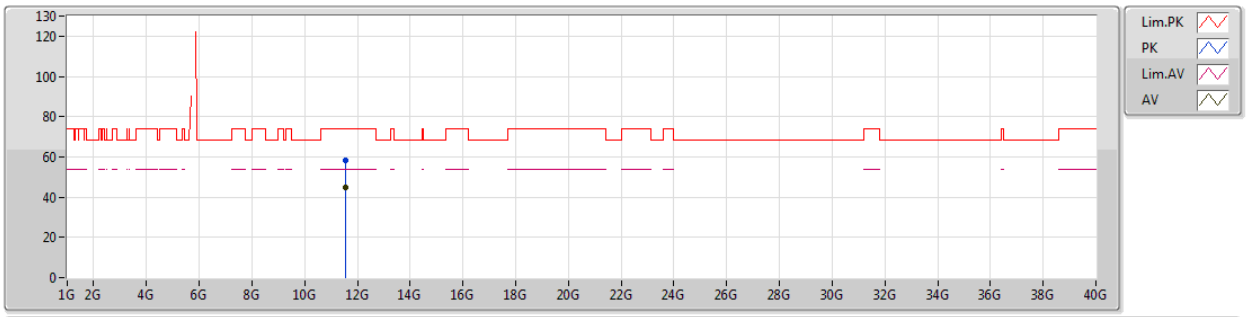
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57436G	57.73	74.00	-16.27	16.84	3	Vertical	113	1.50	-
AV	11.57442G	44.60	54.00	-9.40	16.84	3	Vertical	113	1.50	-

802.11a_Nss1,(6Mbps)_2TX

5785MHz_TX

28/03/2019



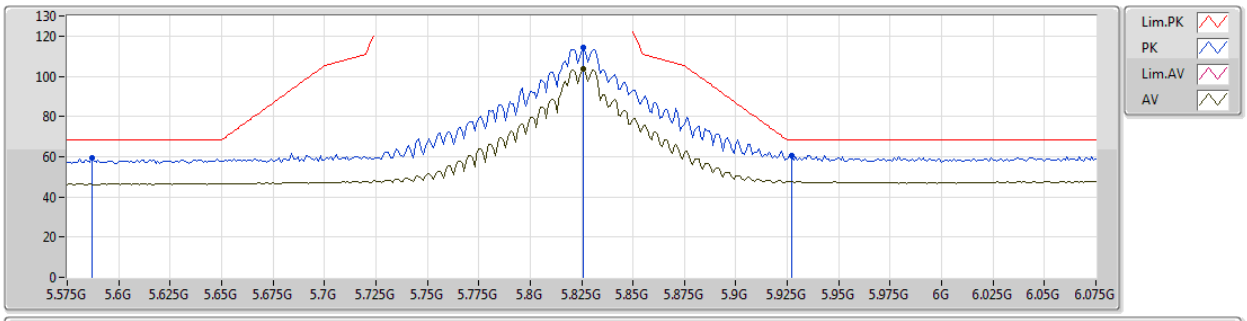
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57038G	58.03	74.00	-15.97	16.85	3	Horizontal	149	1.64	-
AV	11.57174G	44.63	54.00	-9.37	16.85	3	Horizontal	149	1.64	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

28/03/2019



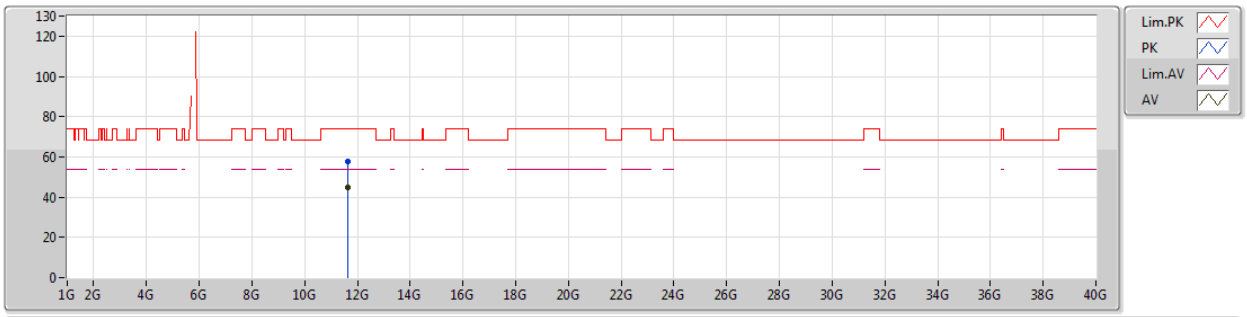
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.587G	59.23	68.20	-8.97	7.93	3	Vertical	201	1.66	-
PK	5.826G	114.39	Inf	-Inf	8.33	3	Vertical	201	1.66	-
AV	5.826G	103.61	Inf	-Inf	8.33	3	Vertical	201	1.66	-
PK	5.927G	60.76	68.20	-7.44	8.56	3	Vertical	201	1.66	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

28/03/2019



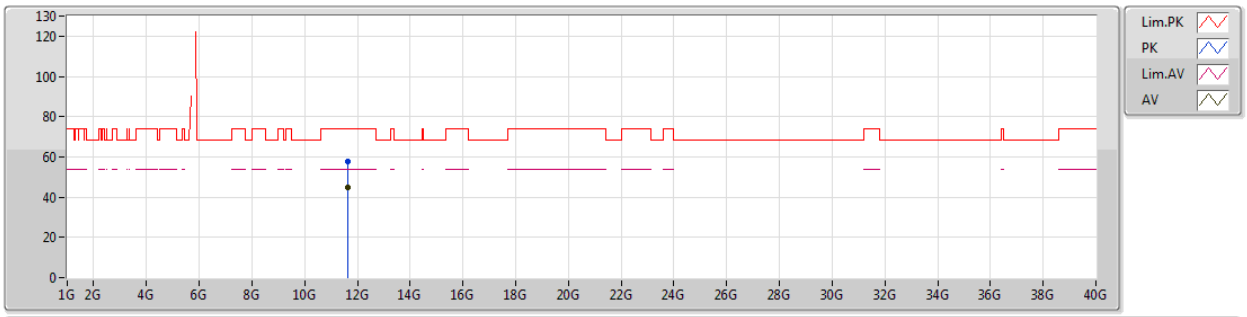
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.64672G	57.95	74.00	-16.05	16.74	3	Vertical	135	2.31	-
AV	11.64538G	44.59	54.00	-9.41	16.74	3	Vertical	135	2.31	-

802.11a_Nss1,(6Mbps)_2TX

5825MHz_TX

28/03/2019



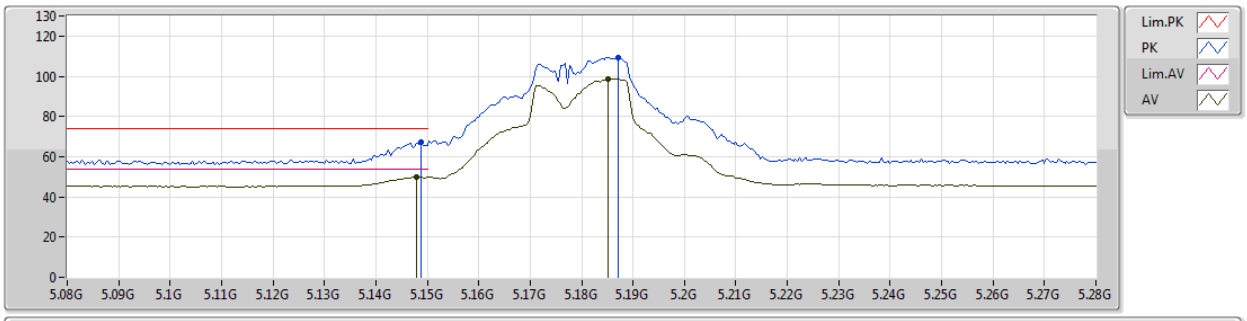
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6485G	57.64	74.00	-16.36	16.73	3	Horizontal	59	2.39	-
AV	11.64742G	44.62	54.00	-9.38	16.74	3	Horizontal	59	2.39	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

28/03/2019



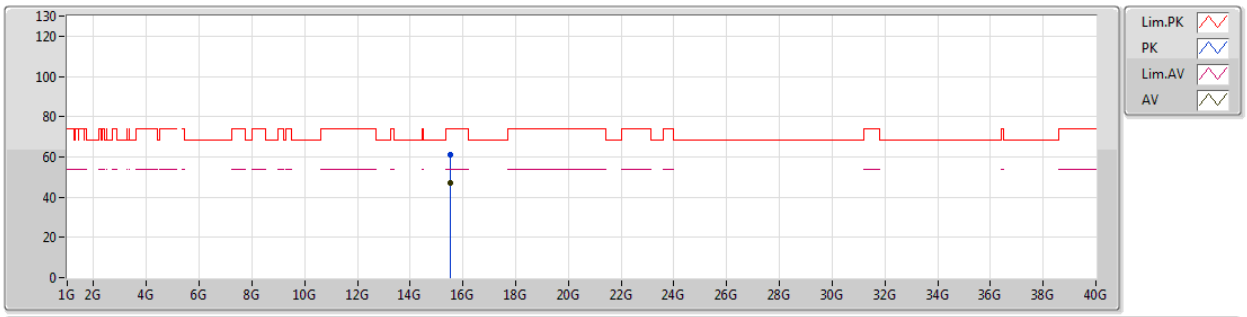
EUT Z_2TX
Setting 17
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1488G	67.46	74.00	-6.54	7.27	3	Vertical	359	2.15	-
AV	5.148G	49.92	54.00	-4.08	7.27	3	Vertical	359	2.15	-
PK	5.1872G	109.44	Inf	-Inf	7.34	3	Vertical	359	2.15	-
AV	5.1852G	98.65	Inf	-Inf	7.34	3	Vertical	359	2.15	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

28/03/2019



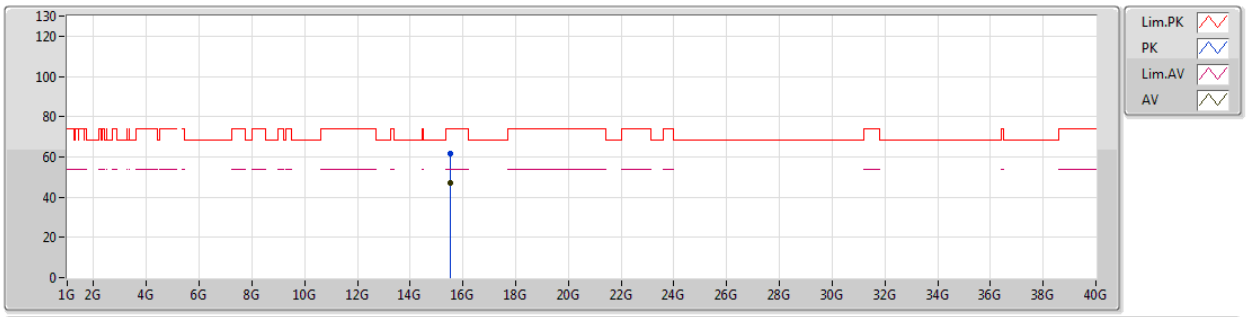
EUT Z_2TX
Setting 17
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.54164G	60.83	74.00	-13.17	17.23	3	Vertical	307	1.95	-
AV	15.54038G	47.26	54.00	-6.74	17.23	3	Vertical	307	1.95	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5180MHz_TX

28/03/2019



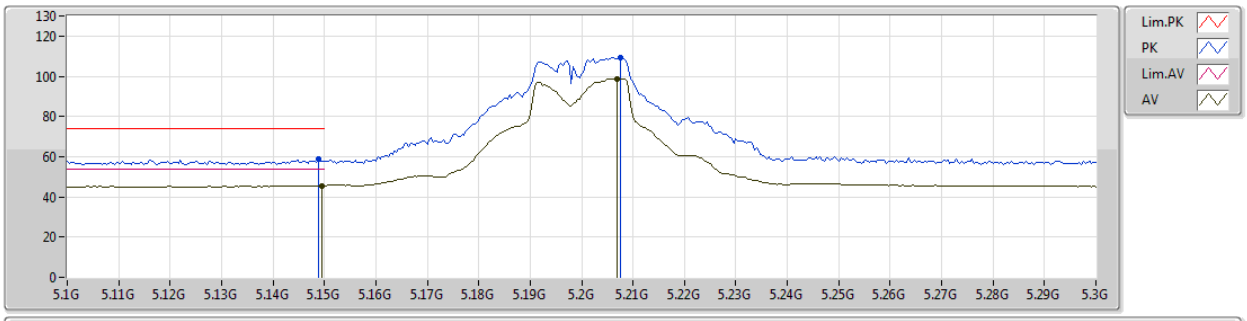
EUT Z_2TX
Setting 17
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.53552G	61.54	74.00	-12.46	17.23	3	Horizontal	152	1.61	-
AV	15.5355G	47.29	54.00	-6.71	17.23	3	Horizontal	152	1.61	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

28/03/2019



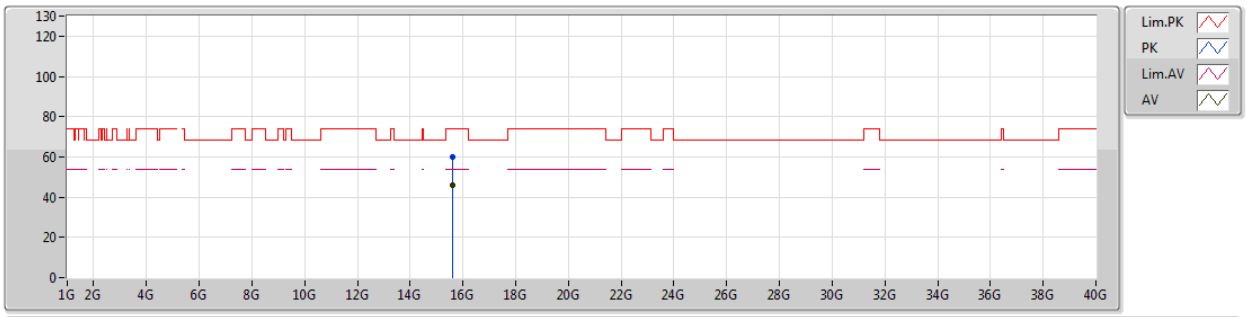
EUT Z_2TX
Setting 17
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1488G	59.07	74.00	-14.93	7.27	3	Vertical	1	2.12	-
AV	5.1496G	45.62	54.00	-8.38	7.27	3	Vertical	1	2.12	-
PK	5.2076G	109.42	Inf	-Inf	7.36	3	Vertical	1	2.12	-
AV	5.2068G	98.84	Inf	-Inf	7.36	3	Vertical	1	2.12	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

28/03/2019



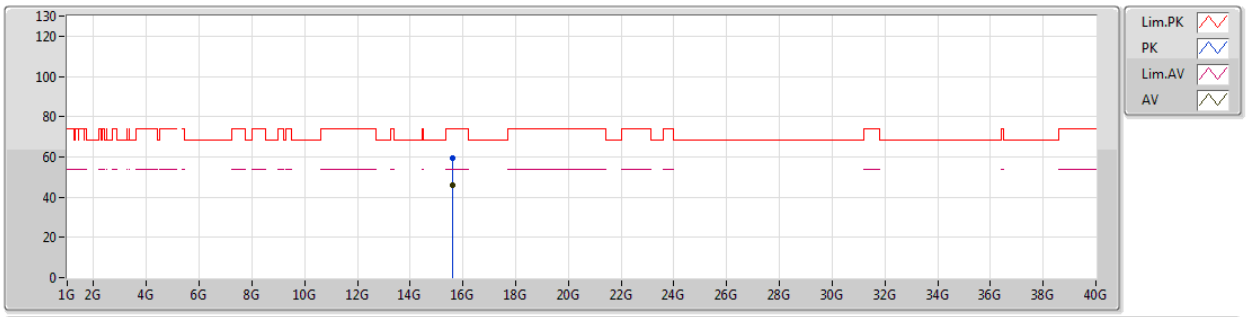
EUT Z_2TX
Setting 17
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.5999G	59.93	74.00	-14.07	17.15	3	Vertical	24	1.08	-
AV	15.59576G	45.99	54.00	-8.01	17.16	3	Vertical	24	1.08	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5200MHz_TX

28/03/2019



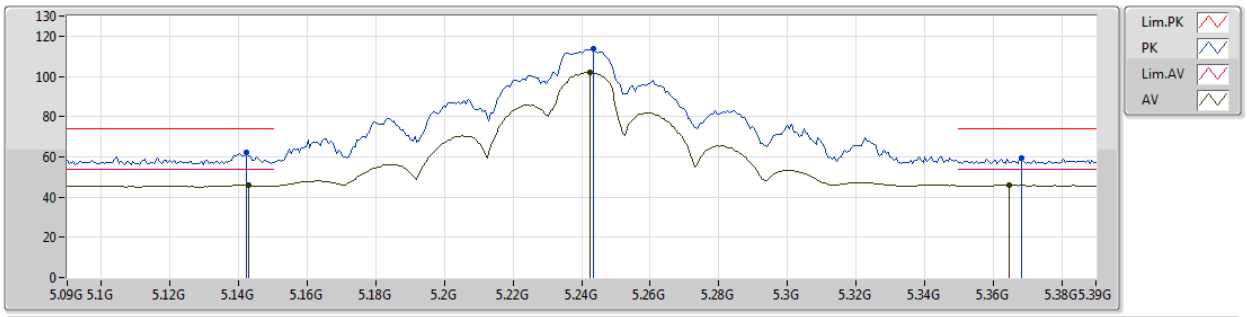
EUT Z_2TX
Setting 17
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.60128G	59.39	74.00	-14.61	17.15	3	Horizontal	96	1.88	-
AV	15.59822G	45.97	54.00	-8.03	17.15	3	Horizontal	96	1.88	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

28/03/2019



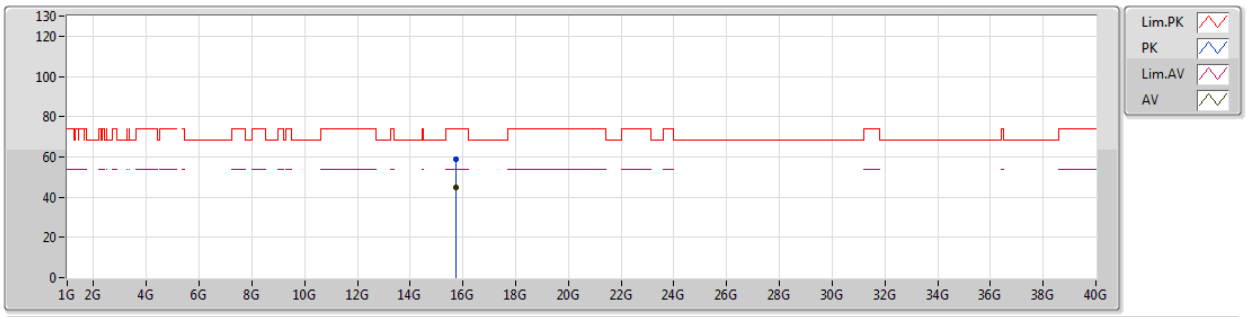
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1422G	62.06	74.00	-11.94	7.27	3	Vertical	340	2.21	-
AV	5.1428G	45.88	54.00	-8.12	7.27	3	Vertical	340	2.21	-
PK	5.2436G	113.57	Inf	-Inf	7.42	3	Vertical	340	2.21	-
AV	5.2424G	102.11	Inf	-Inf	7.42	3	Vertical	340	2.21	-
PK	5.3684G	59.66	74.00	-14.34	7.57	3	Vertical	340	2.21	-
AV	5.3648G	45.79	54.00	-8.21	7.57	3	Vertical	340	2.21	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

28/03/2019



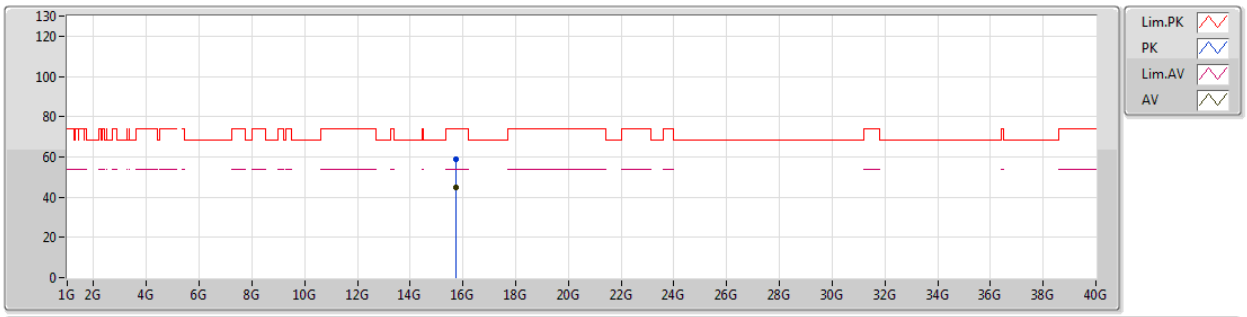
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.72194G	58.80	74.00	-15.20	16.90	3	Vertical	296	1.82	-
AV	15.71714G	44.78	54.00	-9.22	16.91	3	Vertical	296	1.82	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5240MHz_TX

28/03/2019



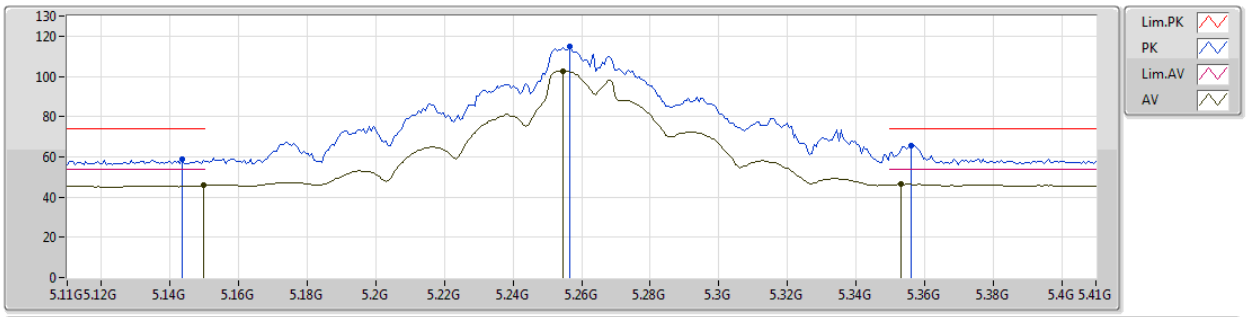
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.72016G	58.98	74.00	-15.02	16.91	3	Horizontal	79	1.96	-
AV	15.71724G	44.83	54.00	-9.17	16.91	3	Horizontal	79	1.96	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

28/03/2019



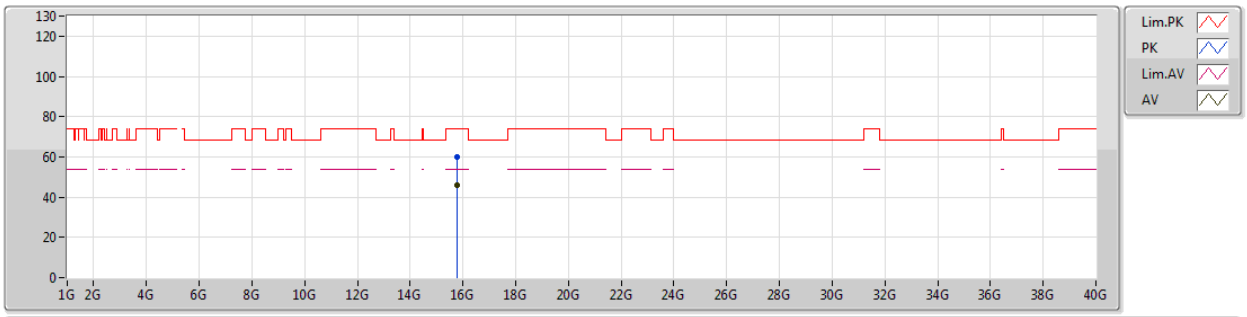
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1436G	58.61	74.00	-15.39	7.27	3	Vertical	21	2.31	-
AV	5.1496G	45.68	54.00	-8.32	7.27	3	Vertical	21	2.31	-
PK	5.2564G	114.73	Inf	-Inf	7.42	3	Vertical	21	2.31	-
AV	5.2546G	102.60	Inf	-Inf	7.42	3	Vertical	21	2.31	-
PK	5.356G	65.51	74.00	-8.49	7.55	3	Vertical	21	2.31	-
AV	5.353G	46.32	54.00	-7.68	7.55	3	Vertical	21	2.31	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

28/03/2019



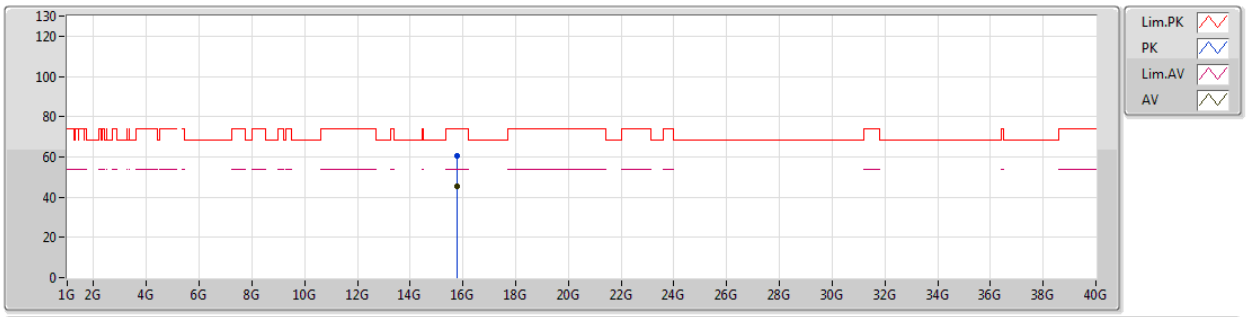
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.7801G	59.79	74.00	-14.21	16.84	3	Vertical	55	1.73	-
AV	15.7802G	45.68	54.00	-8.32	16.84	3	Vertical	55	1.73	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5260MHz_TX

28/03/2019



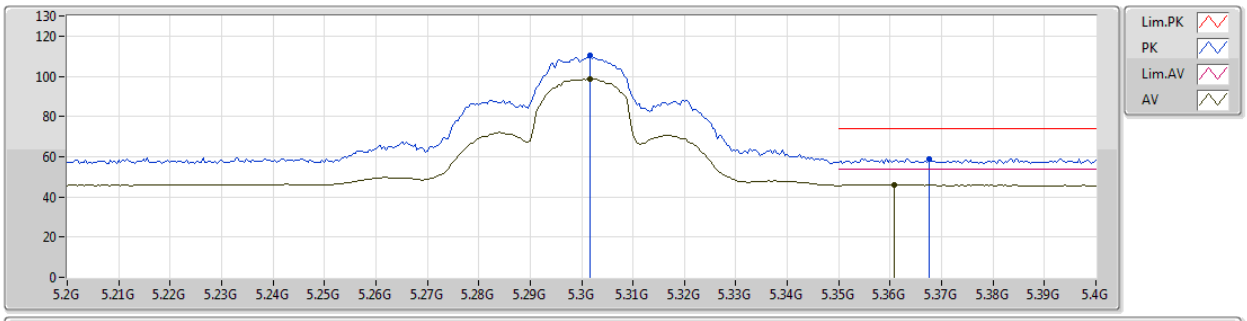
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.77878G	60.30	74.00	-13.70	16.84	3	Horizontal	53	2.45	-
AV	15.78282G	45.59	54.00	-8.41	16.84	3	Horizontal	53	2.45	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

28/03/2019



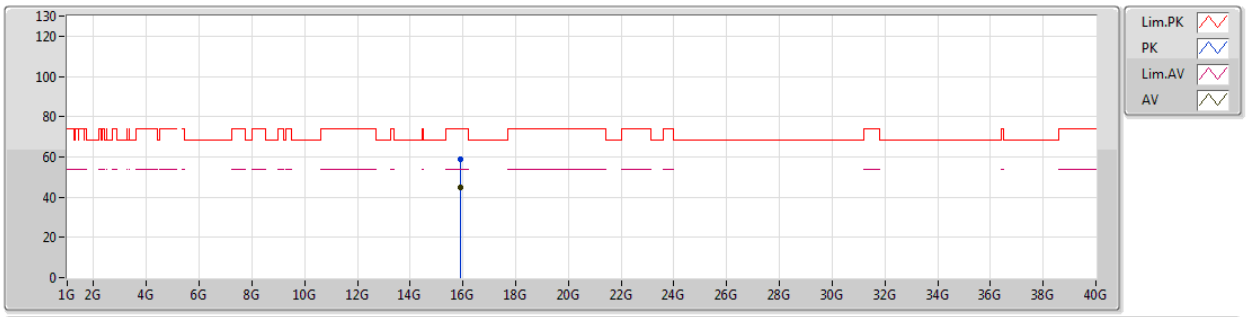
EUT Z_2TX
Setting 18
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3016G	110.22	Inf	-Inf	7.48	3	Vertical	331	2.52	-
AV	5.3016G	98.70	Inf	-Inf	7.48	3	Vertical	331	2.52	-
PK	5.3676G	58.99	74.00	-15.01	7.57	3	Vertical	331	2.52	-
AV	5.3608G	45.93	54.00	-8.07	7.57	3	Vertical	331	2.52	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

28/03/2019



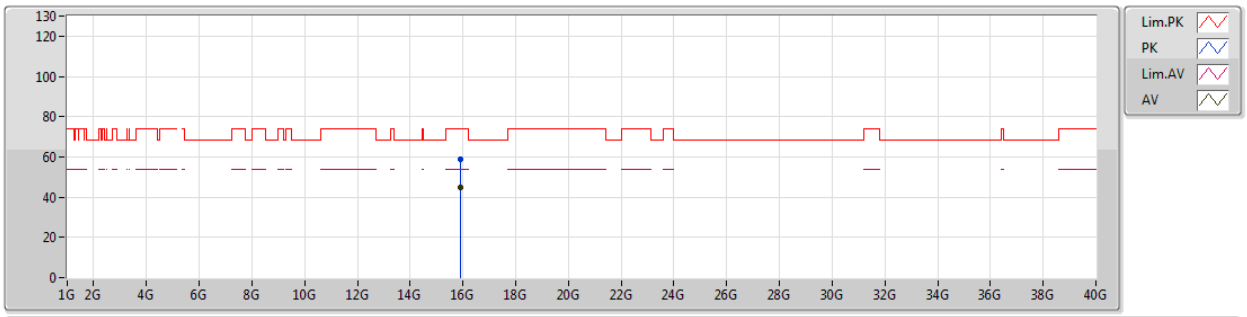
EUT Z_2TX
Setting 18
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.89872G	58.66	74.00	-15.34	16.68	3	Vertical	36	2.30	-
AV	15.90328G	44.77	54.00	-9.23	16.67	3	Vertical	36	2.30	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5300MHz_TX

28/03/2019



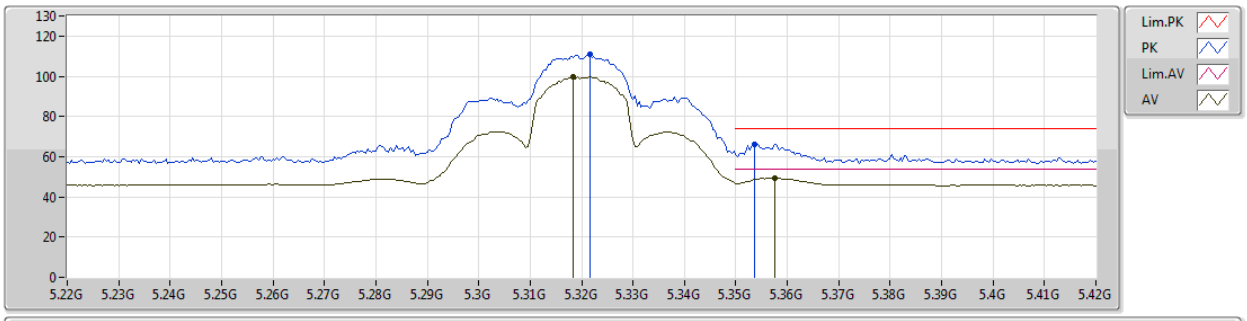
EUT Z_2TX
Setting 18
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.90352G	58.83	74.00	-15.17	16.67	3	Horizontal	85	1.28	-
AV	15.89598G	44.75	54.00	-9.25	16.69	3	Horizontal	85	1.28	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

28/03/2019



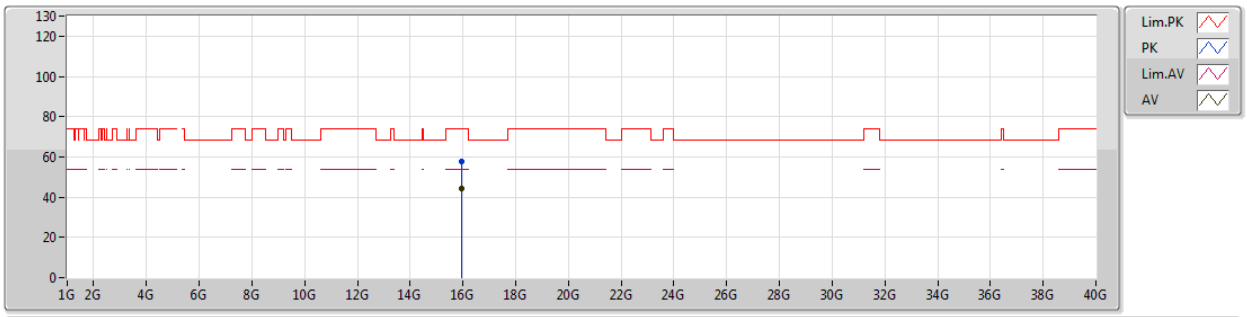
EUT Z_2TX
Setting 18
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3216G	110.92	Inf	-Inf	7.50	3	Vertical	221	2.86	-
AV	5.3184G	99.52	Inf	-Inf	7.50	3	Vertical	221	2.86	-
PK	5.3536G	66.28	74.00	-7.72	7.55	3	Vertical	221	2.86	-
AV	5.3576G	49.21	54.00	-4.79	7.55	3	Vertical	221	2.86	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

28/03/2019



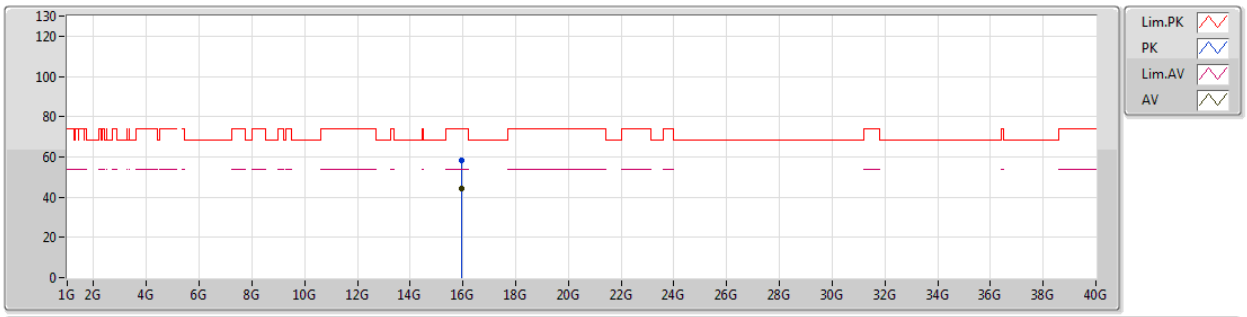
EUT Z_2TX
Setting 18
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.96484G	57.61	74.00	-16.39	16.60	3	Vertical	25	1.48	-
AV	15.95552G	44.13	54.00	-9.87	16.62	3	Vertical	25	1.48	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5320MHz_TX

28/03/2019



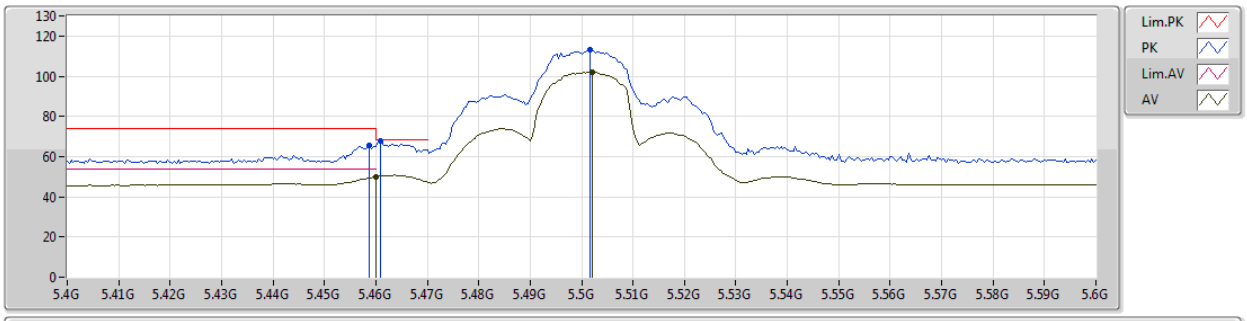
EUT Z_2TX
Setting 18
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.95564G	58.28	74.00	-15.72	16.62	3	Horizontal	31	2.16	-
AV	15.95544G	44.17	54.00	-9.83	16.62	3	Horizontal	31	2.16	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

28/03/2019



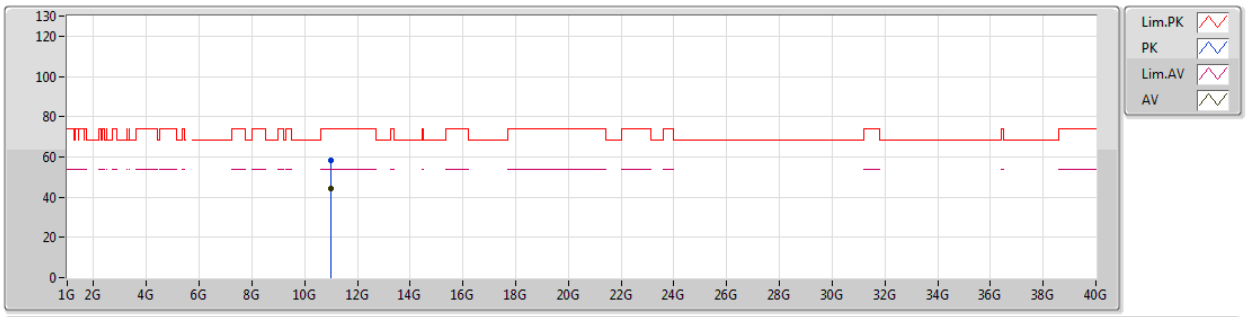
EUT Z_2TX
Setting 19
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4588G	65.81	74.00	-8.19	7.71	3	Vertical	214	2.99	-
AV	5.46G	50.04	54.00	-3.96	7.71	3	Vertical	214	2.99	-
PK	5.4608G	67.72	68.20	-0.48	7.71	3	Vertical	214	2.99	-
PK	5.5016G	113.42	Inf	-Inf	7.76	3	Vertical	214	2.99	-
AV	5.502G	102.13	Inf	-Inf	7.76	3	Vertical	214	2.99	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

28/03/2019



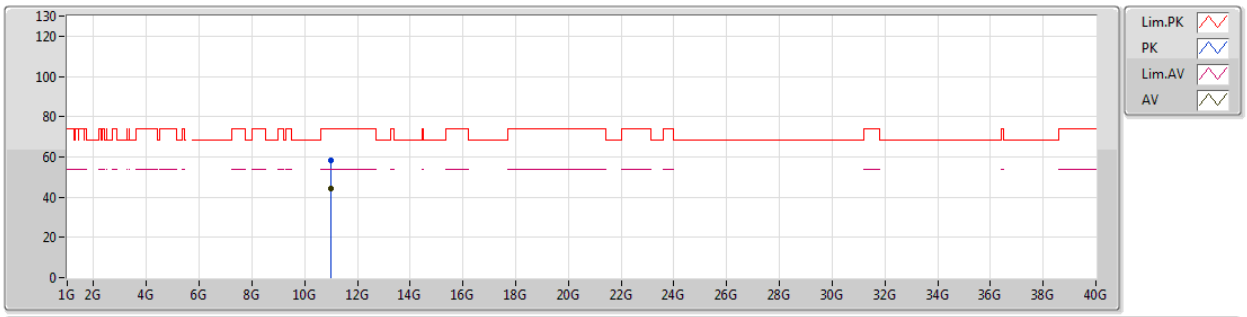
EUT Z_2TX
Setting 19
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	10.99822G	58.31	74.00	-15.69	17.08	3	Vertical	196	2.15	-
AV	10.99632G	44.52	54.00	-9.48	17.08	3	Vertical	196	2.15	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5500MHz_TX

28/03/2019



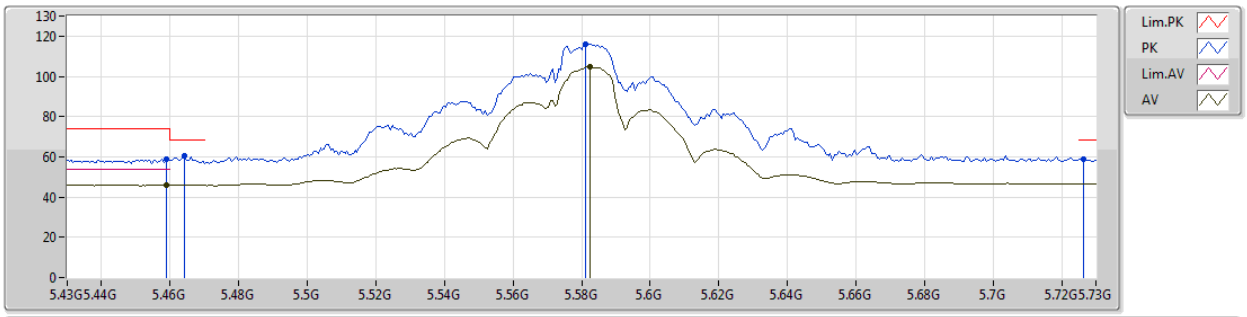
EUT Z_2TX
Setting 19
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.00042G	58.39	74.00	-15.61	17.08	3	Horizontal	142	1.42	-
AV	10.99898G	44.50	54.00	-9.50	17.08	3	Horizontal	142	1.42	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

28/03/2019



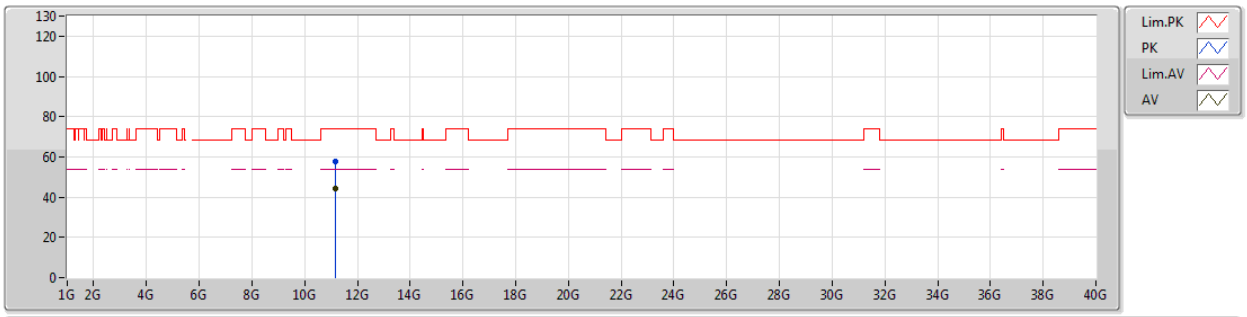
EUT Z_2TX
Setting 21
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4588G	59.09	74.00	-14.91	7.71	3	Vertical	210	2.77	-
AV	5.4588G	45.92	54.00	-8.08	7.71	3	Vertical	210	2.77	-
PK	5.4642G	60.55	68.20	-7.65	7.71	3	Vertical	210	2.77	-
PK	5.5812G	116.16	Inf	-Inf	7.91	3	Vertical	210	2.77	-
AV	5.5824G	105.01	Inf	-Inf	7.92	3	Vertical	210	2.77	-
PK	5.7264G	58.74	68.20	-9.46	8.16	3	Vertical	210	2.77	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

28/03/2019



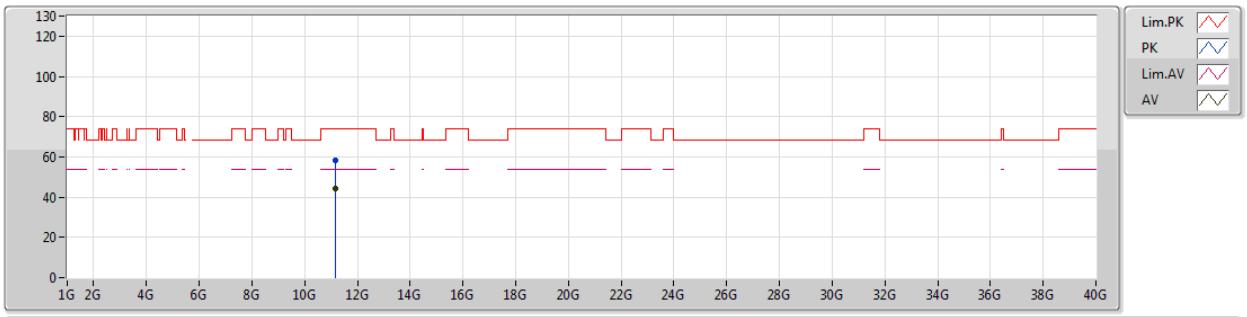
EUT Z_2TX
Setting 21
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.16038G	57.88	74.00	-16.12	17.04	3	Vertical	260	1.67	-
AV	11.1582G	44.16	54.00	-9.84	17.04	3	Vertical	260	1.67	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5580MHz_TX

28/03/2019



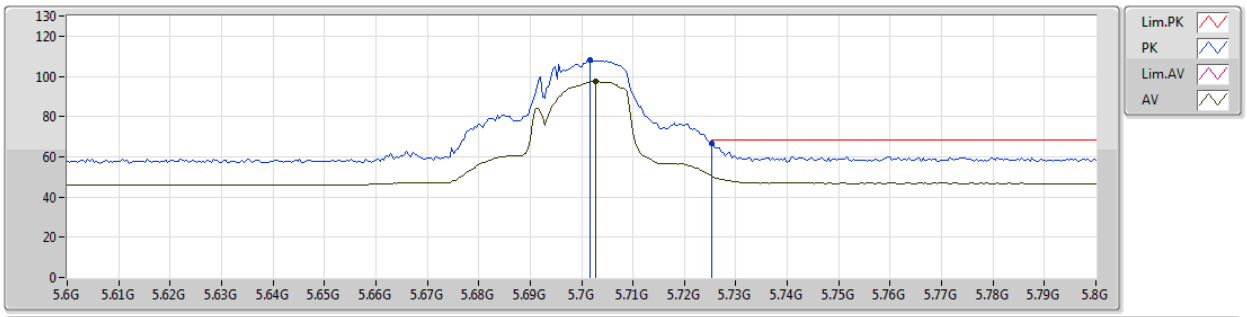
EUT Z_2TX
Setting 21
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1609G	58.47	74.00	-15.53	17.04	3	Horizontal	317	1.39	-
AV	11.16082G	44.26	54.00	-9.74	17.04	3	Horizontal	317	1.39	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

28/03/2019



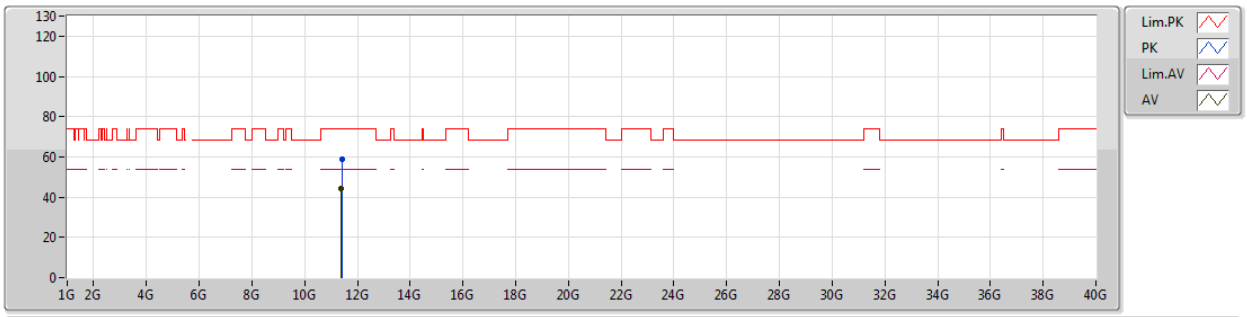
EUT Z_2TX
Setting 13
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.7016G	108.36	Inf	-Inf	8.11	3	Vertical	206	1.67	-
AV	5.7028G	97.50	Inf	-Inf	8.11	3	Vertical	206	1.67	-
PK	5.7252G	66.48	68.20	-1.72	8.16	3	Vertical	206	1.67	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

28/03/2019



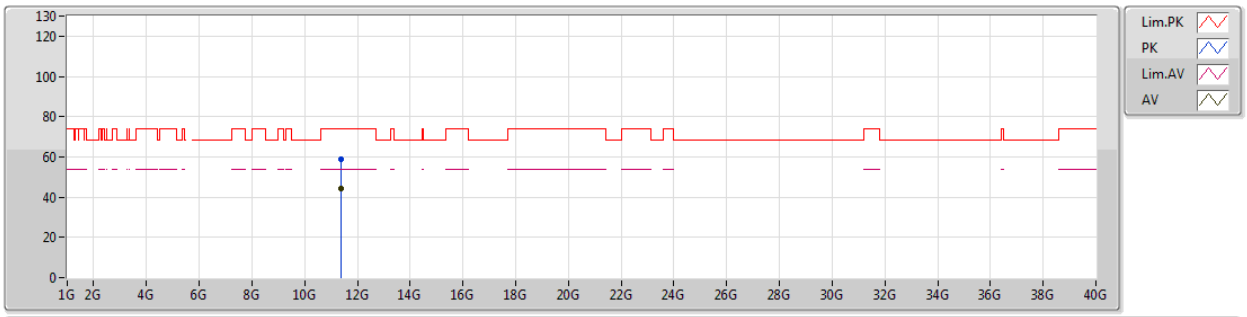
EUT Z_2TX
Setting 13
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.40484G	58.94	74.00	-15.06	16.98	3	Vertical	66	2.21	-
AV	11.3978G	44.50	54.00	-9.50	16.98	3	Vertical	66	2.21	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5700MHz_TX

28/03/2019



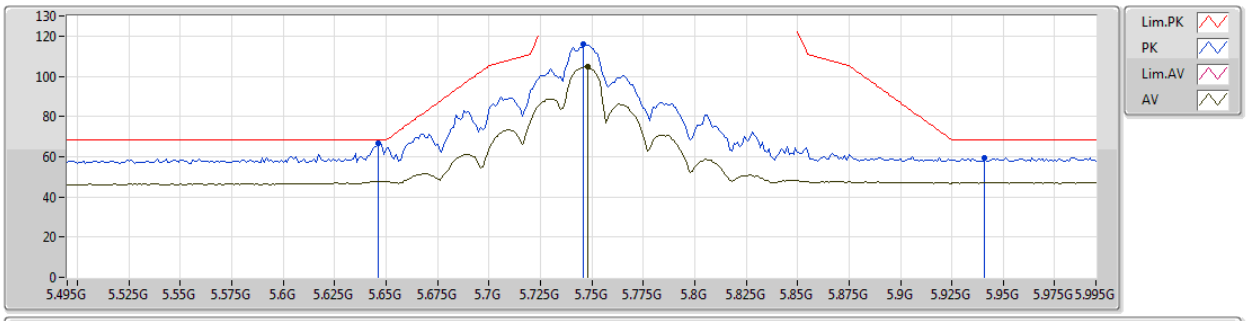
EUT Z_2TX
Setting 13
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.3986G	58.85	74.00	-15.15	16.98	3	Horizontal	67	1.08	-
AV	11.39644G	44.46	54.00	-9.54	16.98	3	Horizontal	67	1.08	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

28/03/2019



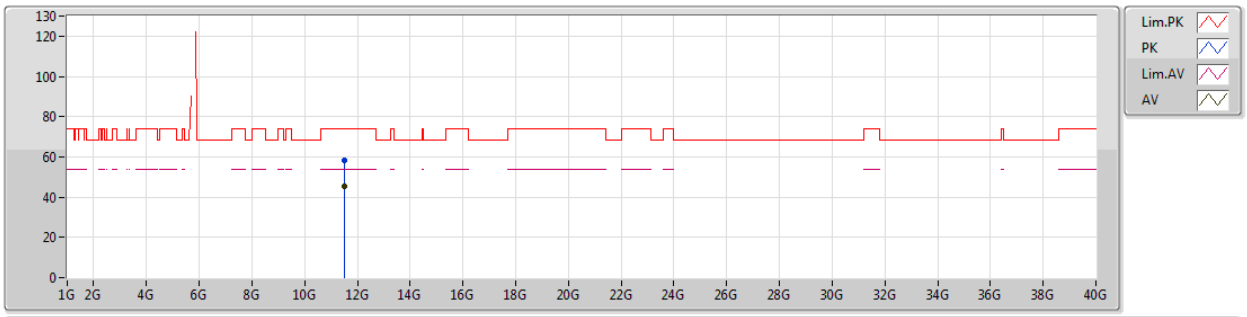
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.646G	66.47	68.20	-1.73	8.02	3	Vertical	202	1.64	-
PK	5.746G	116.05	Inf	-Inf	8.18	3	Vertical	202	1.64	-
AV	5.748G	104.87	Inf	-Inf	8.19	3	Vertical	202	1.64	-
PK	5.941G	59.53	68.20	-8.67	8.59	3	Vertical	202	1.64	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

28/03/2019



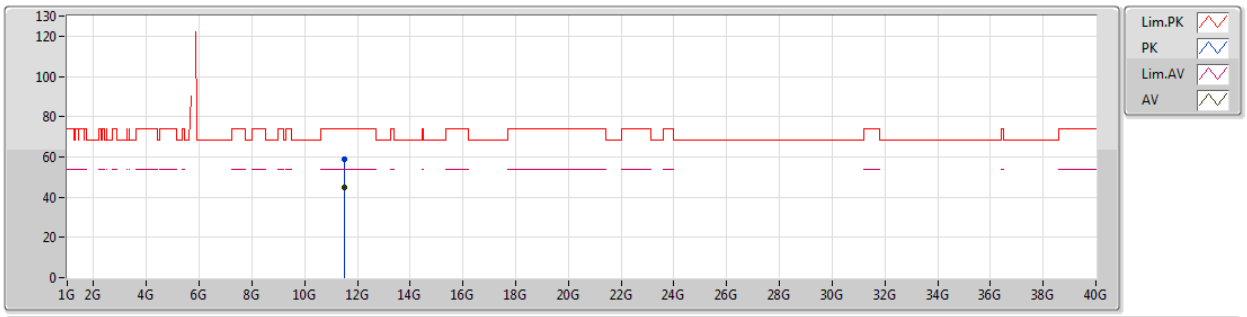
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.4901G	58.49	74.00	-15.51	16.96	3	Vertical	111	1.58	-
AV	11.48712G	45.17	54.00	-8.83	16.95	3	Vertical	111	1.58	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5745MHz_TX

28/03/2019



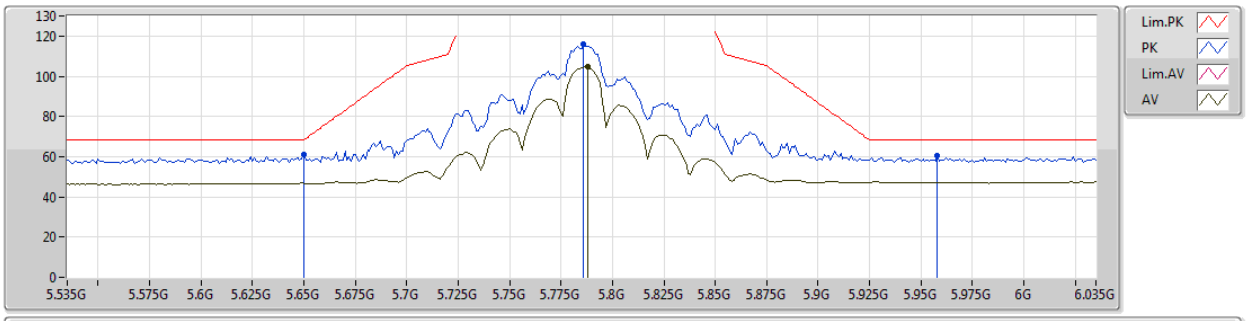
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.49386G	58.58	74.00	-15.42	16.95	3	Horizontal	102	1.89	-
AV	11.49184G	45.06	54.00	-8.94	16.96	3	Horizontal	102	1.89	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

28/03/2019



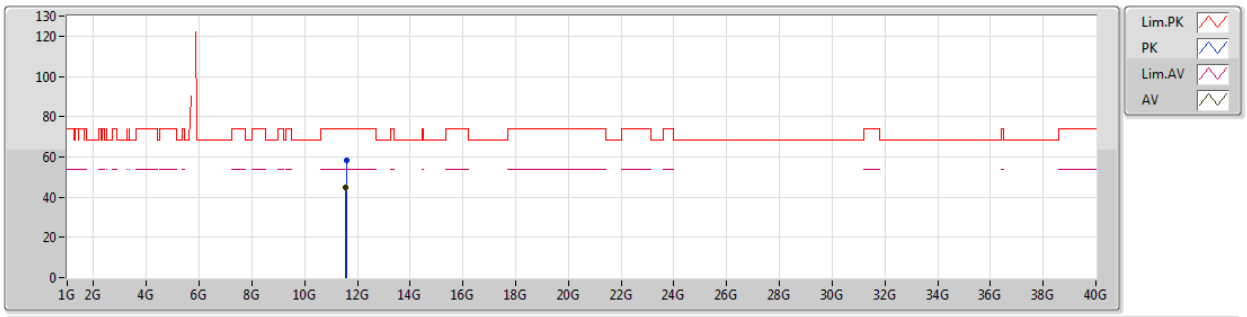
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.65G	60.80	68.20	-7.40	8.03	3	Vertical	206	1.62	-
PK	5.786G	115.92	Inf	-Inf	8.25	3	Vertical	206	1.62	-
AV	5.788G	104.72	Inf	-Inf	8.24	3	Vertical	206	1.62	-
PK	5.958G	60.55	68.20	-7.65	8.63	3	Vertical	206	1.62	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

28/03/2019



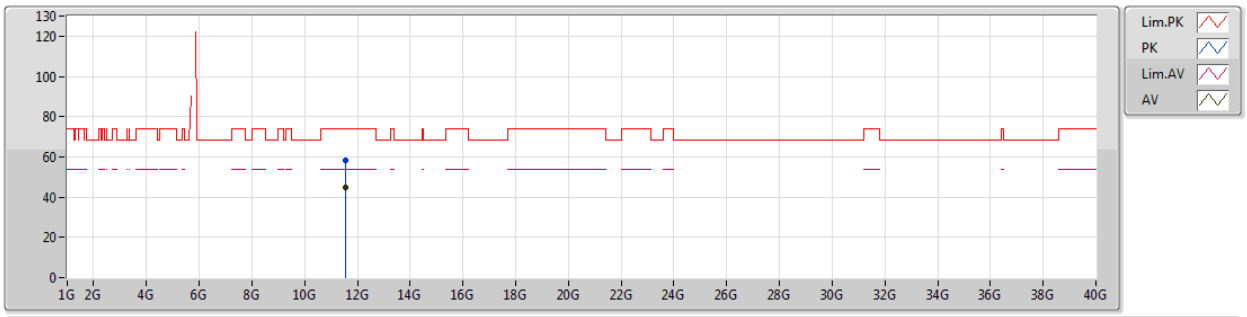
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.57276G	58.13	74.00	-15.87	16.84	3	Vertical	111	1.45	-
AV	11.56518G	44.86	54.00	-9.14	16.85	3	Vertical	111	1.45	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5785MHz_TX

28/03/2019



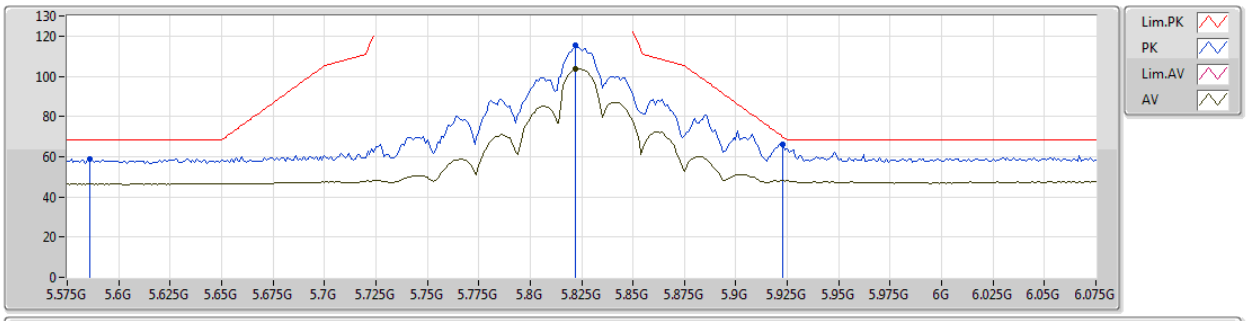
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.56932G	58.27	74.00	-15.73	16.84	3	Horizontal	86	1.29	-
AV	11.5673G	44.85	54.00	-9.15	16.85	3	Horizontal	86	1.29	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

28/03/2019



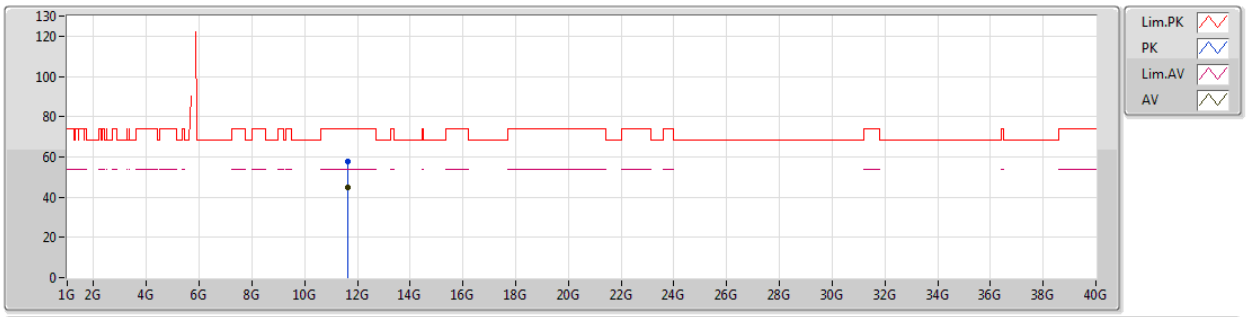
EUT Z_2TX
Setting 20
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.586G	58.94	68.20	-9.26	7.93	3	Vertical	214	1.50	-
PK	5.822G	115.26	Inf	-Inf	8.32	3	Vertical	214	1.50	-
AV	5.822G	103.67	Inf	-Inf	8.32	3	Vertical	214	1.50	-
PK	5.923G	66.02	69.68	-3.66	8.55	3	Vertical	214	1.50	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

28/03/2019



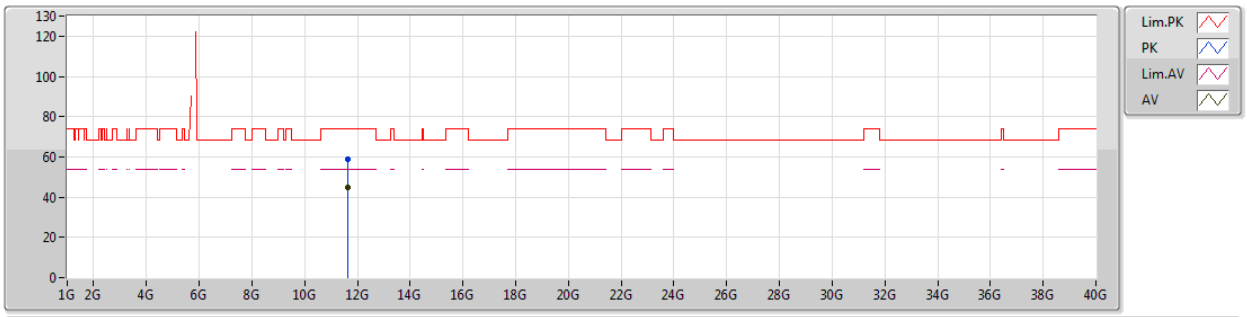
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.6462G	57.82	74.00	-16.18	16.74	3	Vertical	23	1.15	-
AV	11.6463G	44.70	54.00	-9.30	16.74	3	Vertical	23	1.15	-

802.11ac VHT20_Nss1,(MCS0)_2TX

5825MHz_TX

28/03/2019



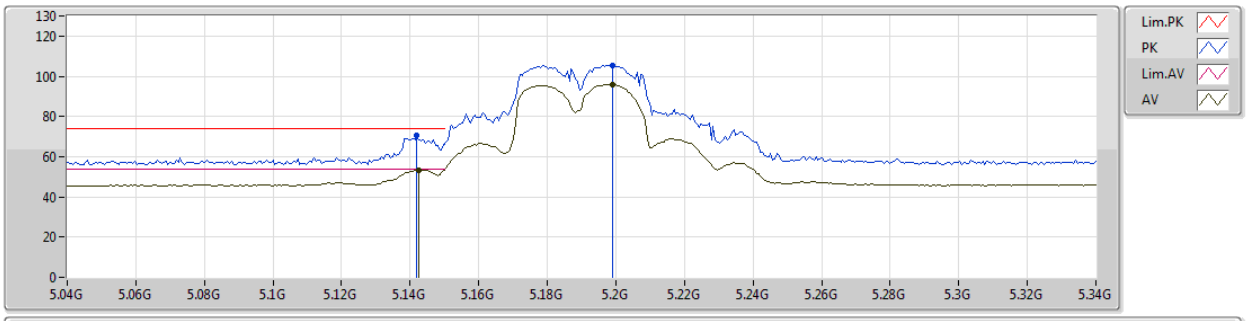
EUT Z_2TX
Setting 20
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.65372G	58.58	74.00	-15.42	16.73	3	Horizontal	123	1.39	-
AV	11.65046G	44.63	54.00	-9.37	16.74	3	Horizontal	123	1.39	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

28/03/2019



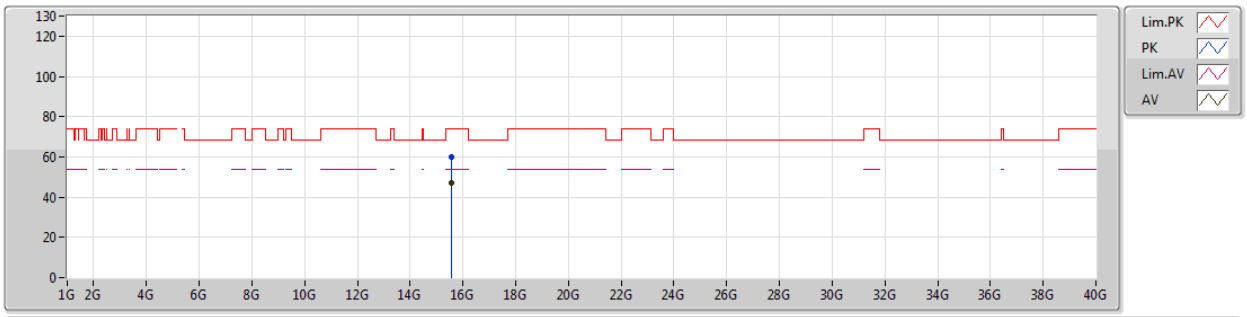
EUT Z_2TX
Setting 14.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.142G	70.52	74.00	-3.48	7.27	3	Vertical	3	2.13	-
AV	5.1426G	53.46	54.00	-0.54	7.27	3	Vertical	3	2.13	-
PK	5.199G	105.38	Inf	-Inf	7.36	3	Vertical	3	2.13	-
AV	5.199G	96.00	Inf	-Inf	7.36	3	Vertical	3	2.13	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

28/03/2019



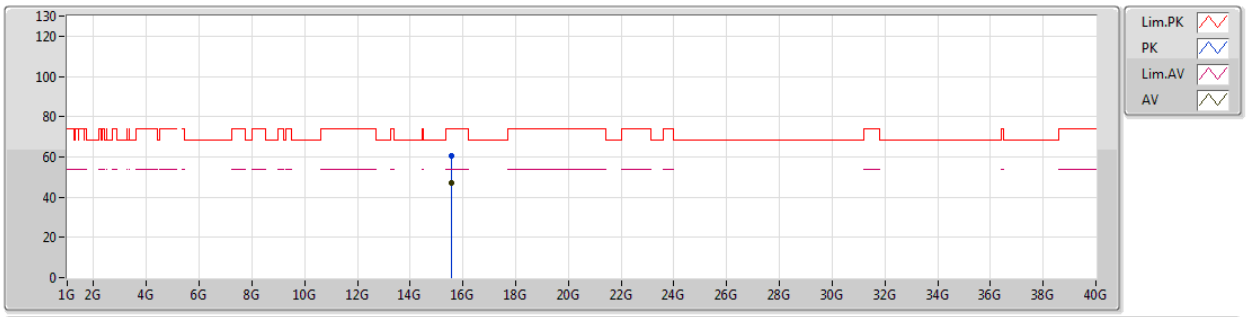
EUT Z_2TX
Setting 14.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.57342G	59.81	74.00	-14.19	17.18	3	Vertical	74	1.24	-
AV	15.57168G	46.87	54.00	-7.13	17.19	3	Vertical	74	1.24	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5190MHz_TX

28/03/2019



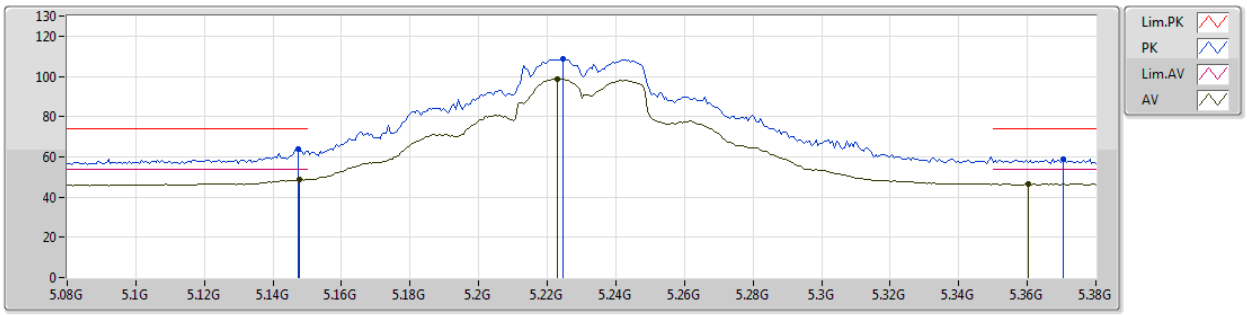
EUT Z_2TX
Setting 14.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.57388G	60.37	74.00	-13.63	17.18	3	Horizontal	139	2.07	-
AV	15.57368G	46.86	54.00	-7.14	17.18	3	Horizontal	139	2.07	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

28/03/2019



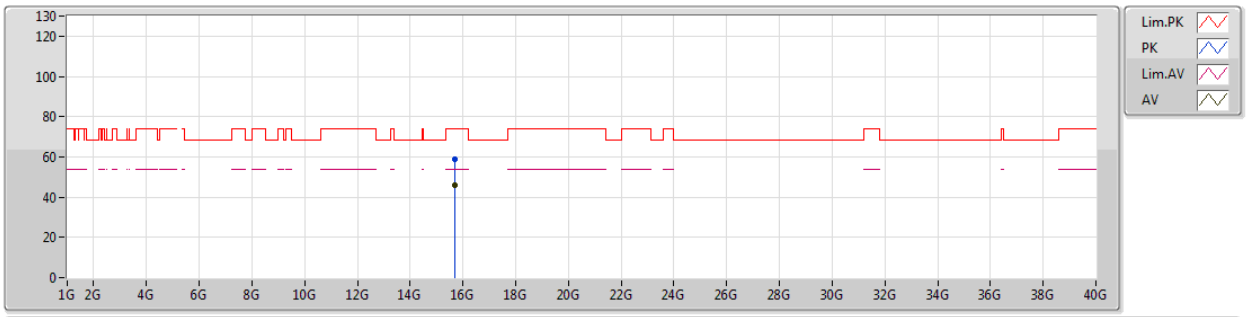
EUT Z_2TX
Setting 17.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1472G	63.81	74.00	-10.19	7.27	3	Vertical	18	2.22	-
AV	5.1478G	48.64	54.00	-5.36	7.27	3	Vertical	18	2.22	-
PK	5.2246G	108.66	Inf	-Inf	7.38	3	Vertical	18	2.22	-
AV	5.2228G	98.73	Inf	-Inf	7.38	3	Vertical	18	2.22	-
PK	5.3704G	59.03	74.00	-14.97	7.57	3	Vertical	18	2.22	-
AV	5.3602G	46.46	54.00	-7.54	7.57	3	Vertical	18	2.22	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

28/03/2019



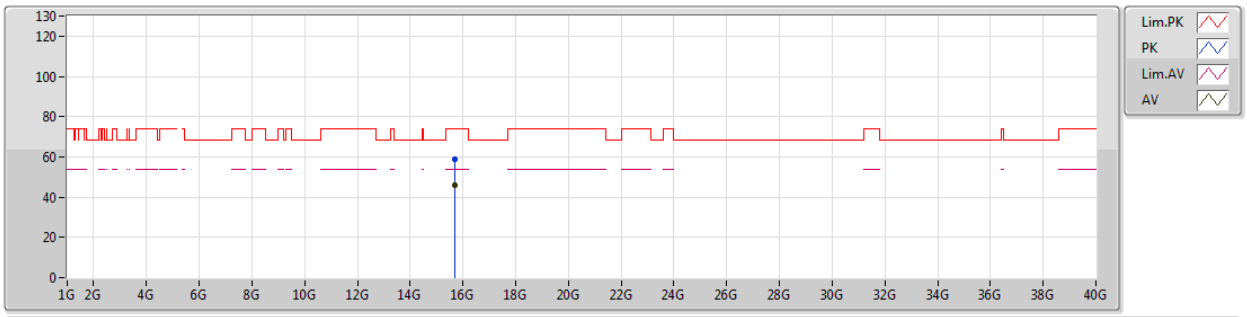
EUT Z_2TX
Setting 17.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.68686G	59.06	74.00	-14.94	16.97	3	Vertical	77	1.41	-
AV	15.68932G	45.87	54.00	-8.13	16.97	3	Vertical	77	1.41	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5230MHz_TX

28/03/2019



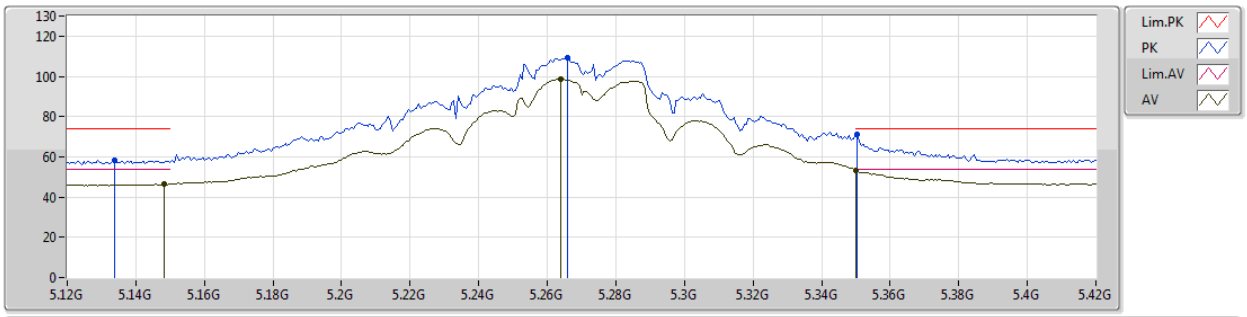
EUT Z_2TX
Setting 17.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.69266G	58.91	74.00	-15.09	16.96	3	Horizontal	75	1.69	-
AV	15.68942G	45.82	54.00	-8.18	16.97	3	Horizontal	75	1.69	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

28/03/2019



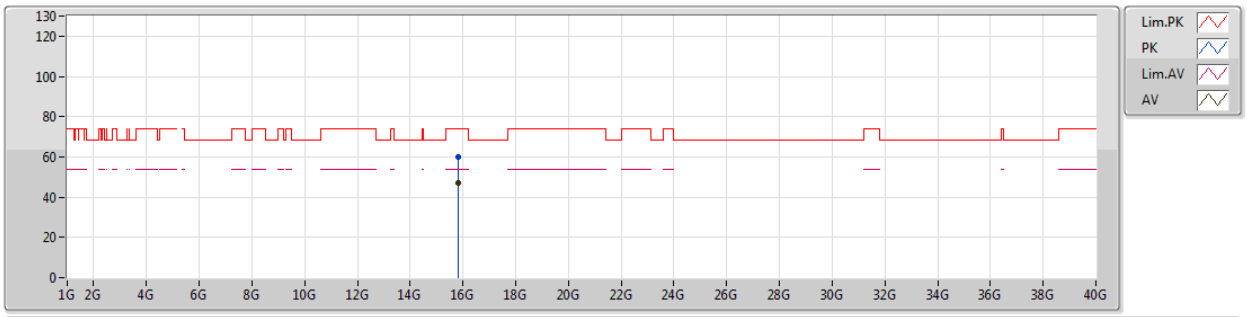
EUT Z_2TX
Setting 18.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.1338G	58.13	74.00	-15.87	7.25	3	Vertical	21	2.32	-
AV	5.1482G	46.43	54.00	-7.57	7.27	3	Vertical	21	2.32	-
PK	5.2658G	109.01	Inf	-Inf	7.44	3	Vertical	21	2.32	-
AV	5.264G	98.78	Inf	-Inf	7.44	3	Vertical	21	2.32	-
PK	5.3504G	70.96	74.00	-3.04	7.55	3	Vertical	21	2.32	-
AV	5.35G	53.10	54.00	-0.90	7.55	3	Vertical	21	2.32	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

28/03/2019



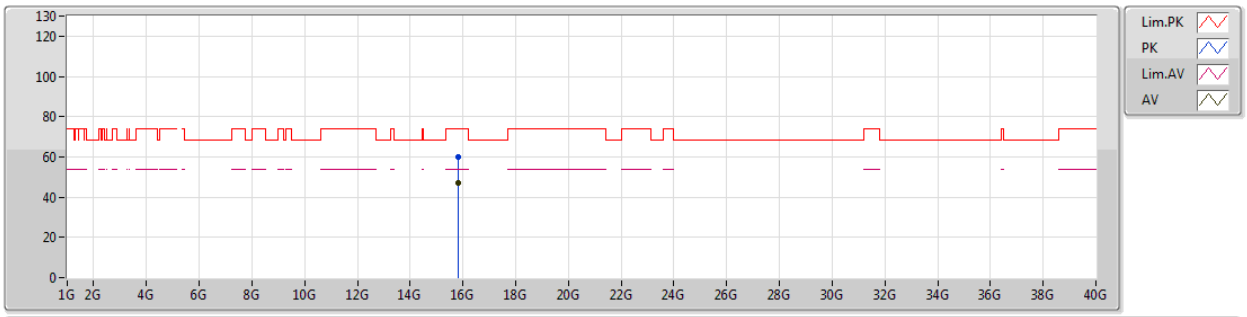
EUT Z_2TX
Setting 18.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.80848G	60.09	74.00	-13.91	16.81	3	Vertical	200	1.97	-
AV	15.80696G	46.94	54.00	-7.06	16.81	3	Vertical	200	1.97	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5270MHz_TX

28/03/2019



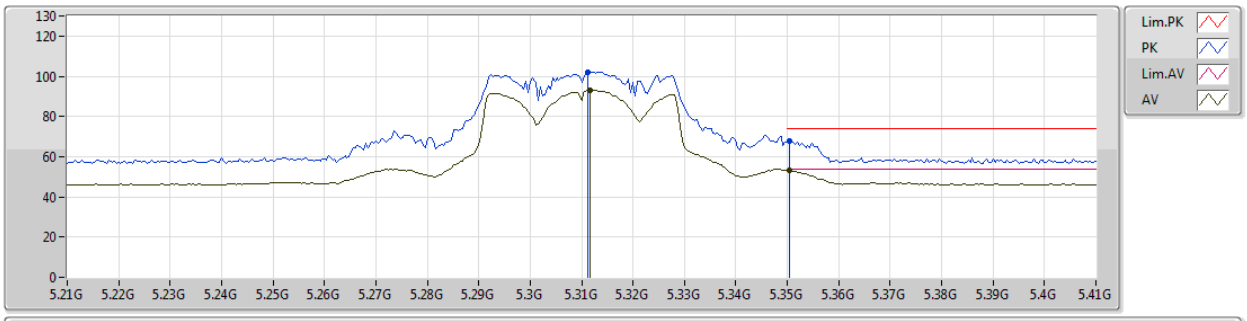
EUT Z_2TX
Setting 18.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.80874G	59.98	74.00	-14.02	16.81	3	Horizontal	58	2.40	-
AV	15.81066G	47.02	54.00	-6.98	16.80	3	Horizontal	58	2.40	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

28/03/2019



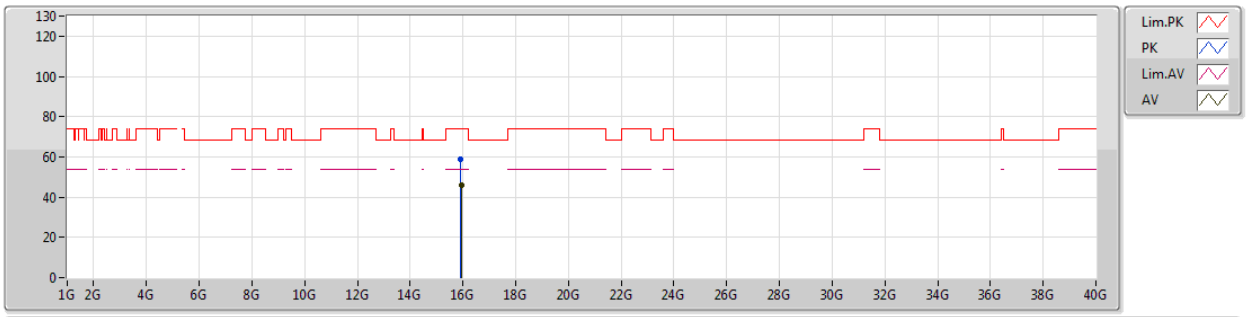
EUT Z_2TX
Setting 12
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.3112G	102.26	Inf	-Inf	7.50	3	Vertical	334	1.01	-
AV	5.3116G	93.25	Inf	-Inf	7.50	3	Vertical	334	1.01	-
PK	5.3504G	68.08	74.00	-5.92	7.55	3	Vertical	334	1.01	-
AV	5.3504G	53.07	54.00	-0.93	7.55	3	Vertical	334	1.01	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

28/03/2019



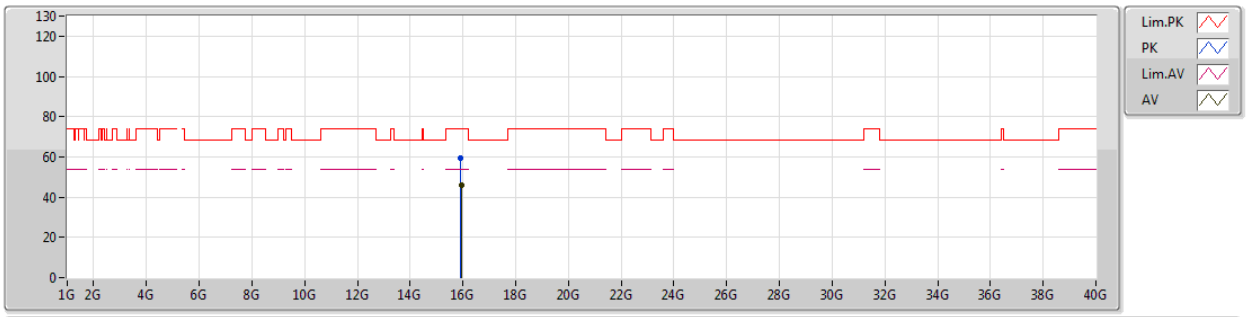
EUT Z_2TX
Setting 12
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.9259G	58.71	74.00	-15.29	16.65	3	Vertical	275	1.17	-
AV	15.93176G	45.75	54.00	-8.25	16.65	3	Vertical	275	1.17	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5310MHz_TX

28/03/2019



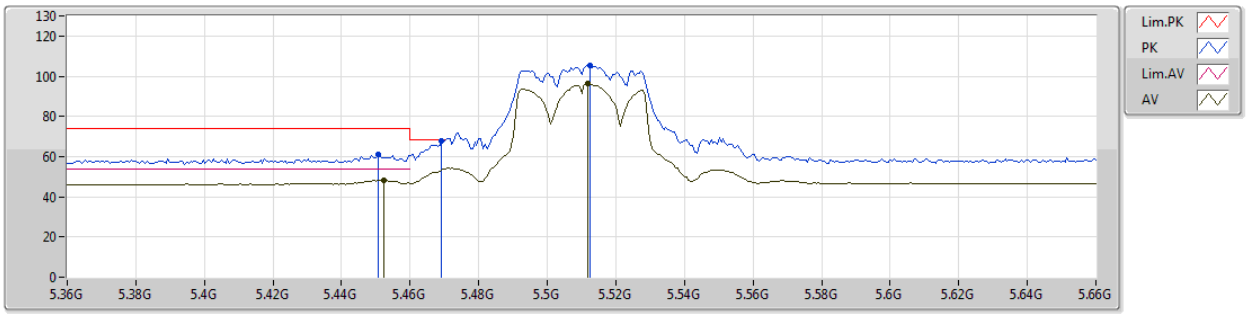
EUT Z_2TX
Setting 12
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.92582G	59.14	74.00	-14.86	16.65	3	Horizontal	95	2.27	-
AV	15.93334G	45.85	54.00	-8.15	16.65	3	Horizontal	95	2.27	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

28/03/2019



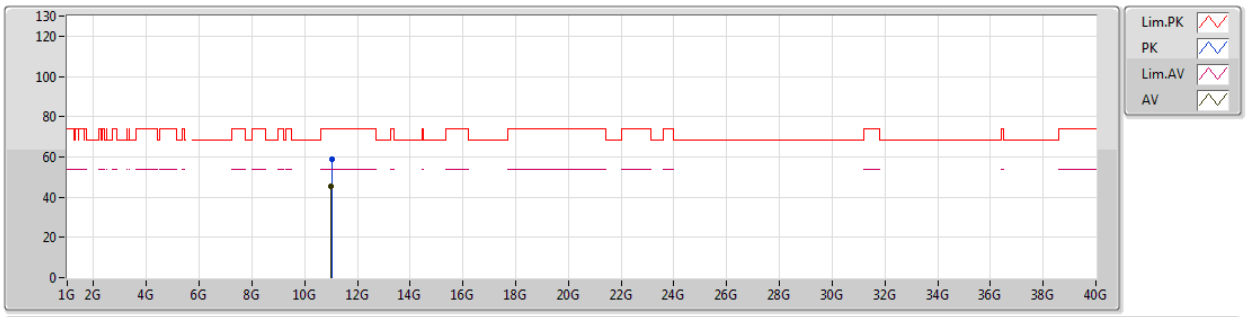
EUT Z_2TX
Setting 13
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.4506G	61.04	74.00	-12.96	7.69	3	Vertical	213	2.83	-
AV	5.4524G	48.22	54.00	-5.78	7.69	3	Vertical	213	2.83	-
PK	5.4692G	68.00	68.20	-0.20	7.72	3	Vertical	213	2.83	-
PK	5.5124G	105.15	Inf	-Inf	7.79	3	Vertical	213	2.83	-
AV	5.5118G	96.16	Inf	-Inf	7.79	3	Vertical	213	2.83	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

28/03/2019



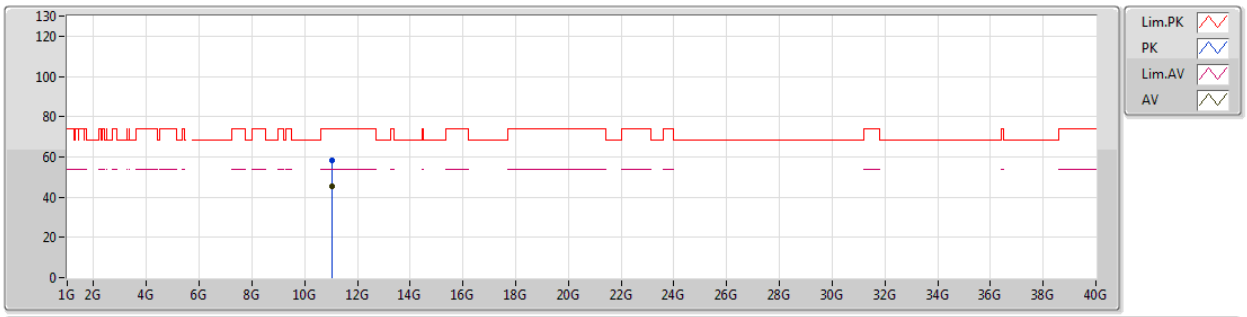
EUT Z_2TX
Setting 13
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.0231G	58.89	74.00	-15.11	17.07	3	Vertical	264	1.09	-
AV	11.01624G	45.54	54.00	-8.46	17.08	3	Vertical	264	1.09	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5510MHz_TX

28/03/2019



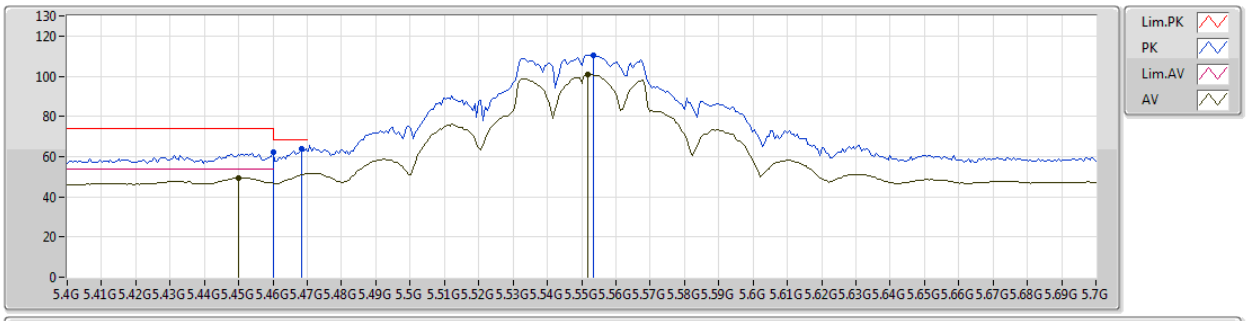
EUT Z_2TX
Setting 13
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.02006G	58.38	74.00	-15.62	17.07	3	Horizontal	296	1.36	-
AV	11.02202G	45.45	54.00	-8.55	17.07	3	Horizontal	296	1.36	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

28/03/2019



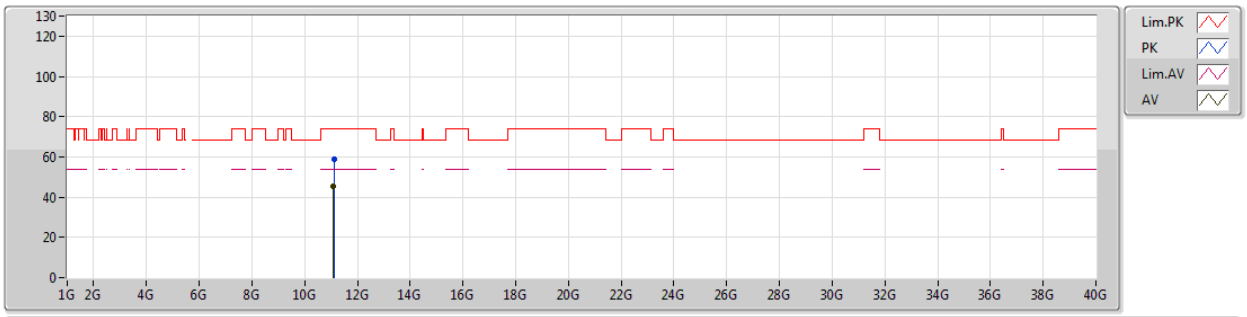
EUT Z_2TX
Setting 18.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.46G	62.04	74.00	-11.96	7.71	3	Vertical	213	2.92	-
AV	5.4498G	49.53	54.00	-4.47	7.68	3	Vertical	213	2.92	-
PK	5.4684G	63.98	68.20	-4.22	7.71	3	Vertical	213	2.92	-
PK	5.5536G	110.54	Inf	-Inf	7.87	3	Vertical	213	2.92	-
AV	5.5518G	100.89	Inf	-Inf	7.86	3	Vertical	213	2.92	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

28/03/2019



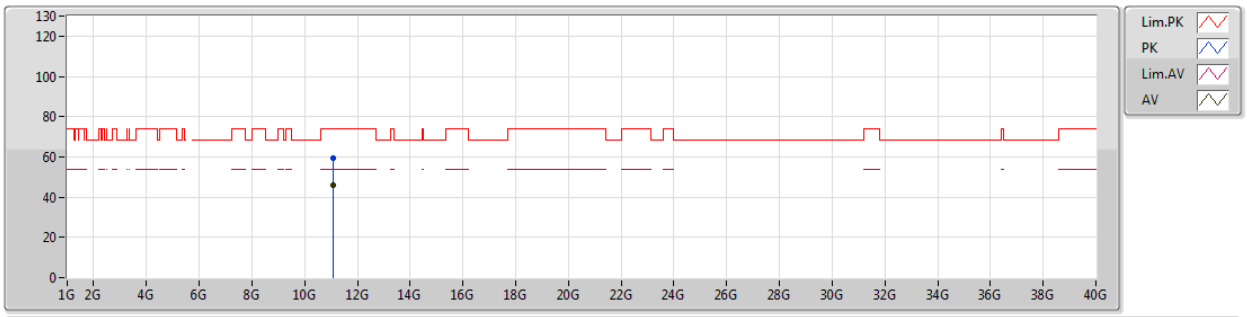
EUT Z_2TX
Setting 18.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.1049G	58.87	74.00	-15.13	17.05	3	Vertical	323	2.39	-
AV	11.09722G	45.57	54.00	-8.43	17.05	3	Vertical	323	2.39	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5550MHz_TX

28/03/2019



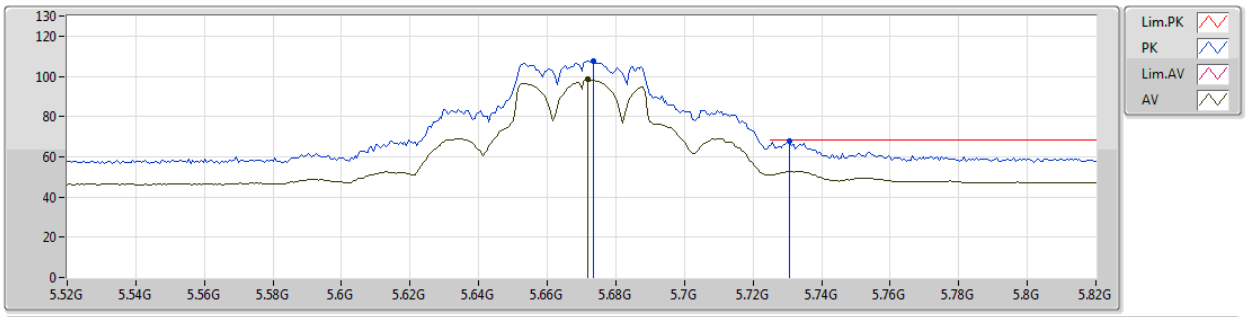
EUT Z_2TX
Setting 18.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.09574G	59.40	74.00	-14.60	17.05	3	Horizontal	73	2.02	-
AV	11.10028G	45.88	54.00	-8.12	17.05	3	Horizontal	73	2.02	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

28/03/2019



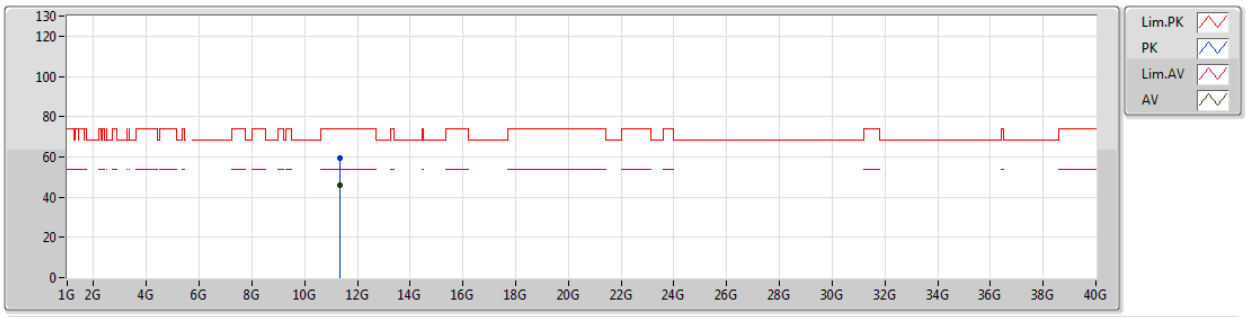
EUT Z_2TX
Setting 15.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.6736G	107.76	Inf	-Inf	8.07	3	Vertical	208	1.50	-
AV	5.6718G	98.36	Inf	-Inf	8.07	3	Vertical	208	1.50	-
PK	5.7306G	67.64	68.20	-0.56	8.16	3	Vertical	208	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

28/03/2019



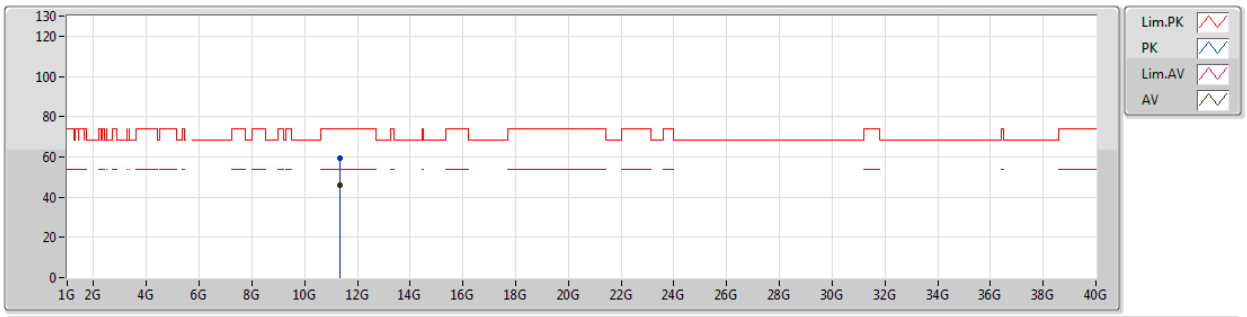
EUT Z_2TX
Setting 15.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33656G	59.60	74.00	-14.40	16.99	3	Vertical	178	2.48	-
AV	11.3443G	45.88	54.00	-8.12	16.98	3	Vertical	178	2.48	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5670MHz_TX

28/03/2019



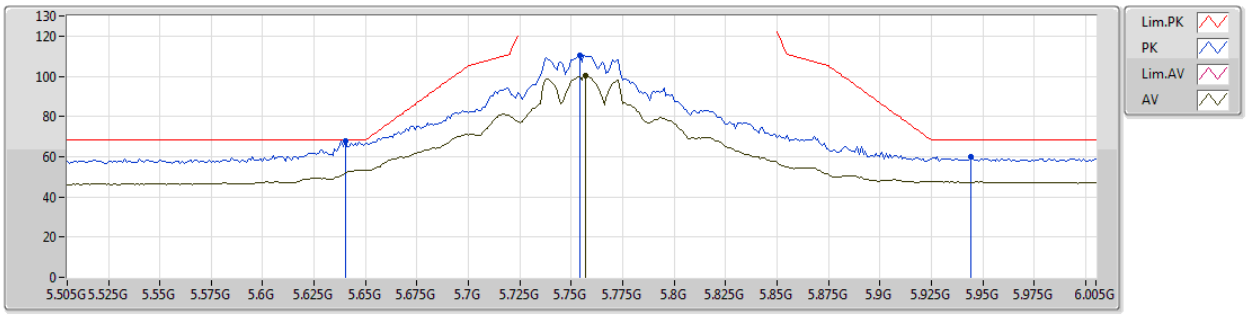
EUT Z_2TX
Setting 15.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.33838G	59.29	74.00	-14.71	16.99	3	Horizontal	97	2.36	-
AV	11.34258G	45.79	54.00	-8.21	16.99	3	Horizontal	97	2.36	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

28/03/2019



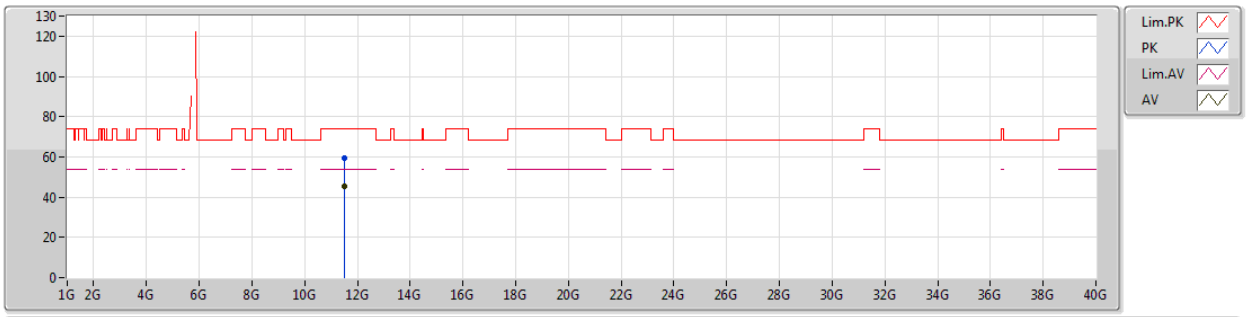
EUT Z_2TX
Setting 17.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.64G	67.99	68.20	-0.21	8.02	3	Vertical	208	1.50	-
PK	5.754G	110.63	Inf	-Inf	8.20	3	Vertical	208	1.50	-
AV	5.757G	100.20	Inf	-Inf	8.20	3	Vertical	208	1.50	-
PK	5.944G	60.01	68.20	-8.19	8.59	3	Vertical	208	1.50	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

28/03/2019



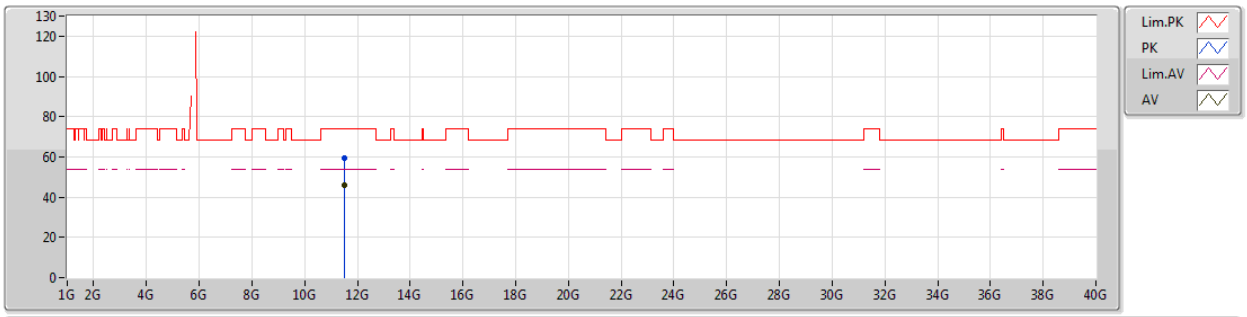
EUT Z_2TX
Setting 17.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.50904G	59.31	74.00	-14.69	16.93	3	Vertical	168	1.82	-
AV	11.50664G	45.62	54.00	-8.38	16.94	3	Vertical	168	1.82	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5755MHz_TX

28/03/2019



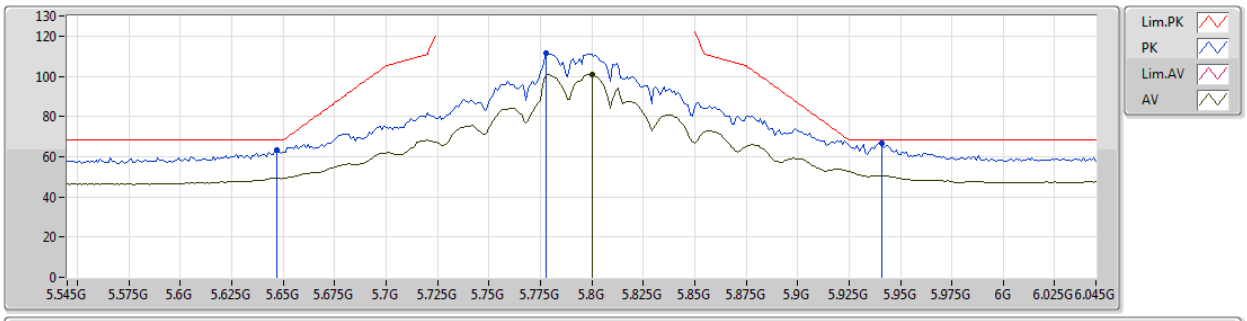
EUT Z_2TX
Setting 17.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.51062G	59.20	74.00	-14.80	16.94	3	Horizontal	69	1.64	-
AV	11.5052G	45.74	54.00	-8.26	16.94	3	Horizontal	69	1.64	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

28/03/2019



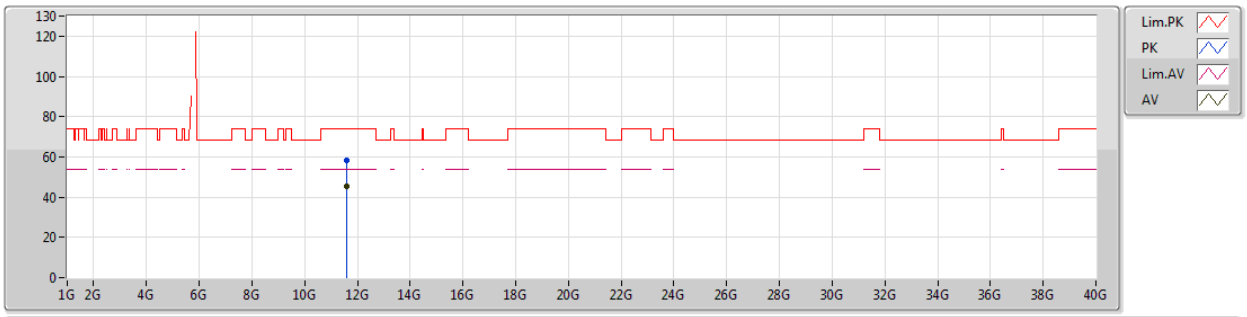
EUT Z_2TX
Setting 19
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.647G	63.17	68.20	-5.03	8.03	3	Vertical	200	1.61	-
PK	5.778G	111.41	Inf	-Inf	8.24	3	Vertical	200	1.61	-
AV	5.8G	100.77	Inf	-Inf	8.27	3	Vertical	200	1.61	-
PK	5.941G	66.47	68.20	-1.73	8.59	3	Vertical	200	1.61	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

28/03/2019



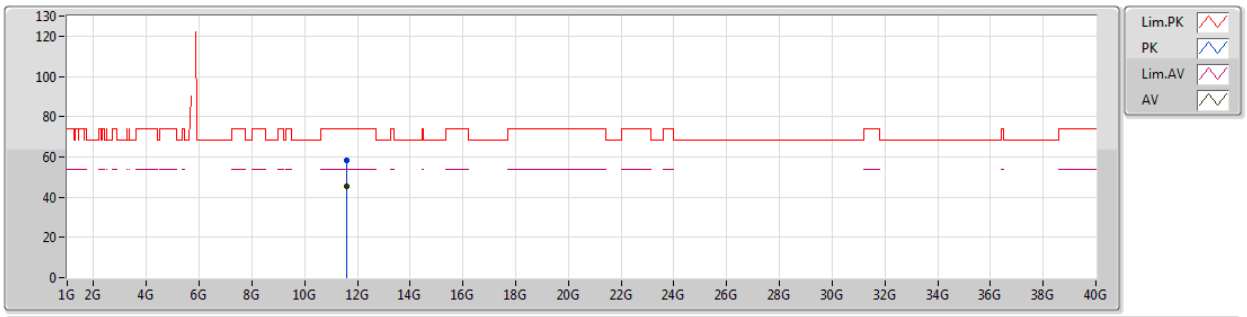
EUT Z_2TX
Setting 19
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.59214G	58.55	74.00	-15.45	16.82	3	Vertical	126	1.79	-
AV	11.59238G	45.20	54.00	-8.80	16.82	3	Vertical	126	1.79	-

802.11ac VHT40_Nss1,(MCS0)_2TX

5795MHz_TX

28/03/2019



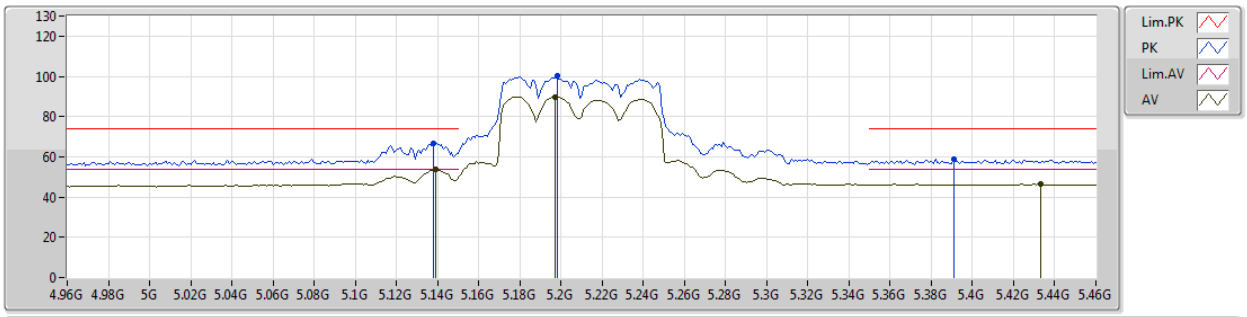
EUT Z_2TX
Setting 19
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.5876G	58.32	74.00	-15.68	16.81	3	Horizontal	89	1.86	-
AV	11.58784G	45.27	54.00	-8.73	16.81	3	Horizontal	89	1.86	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

28/03/2019



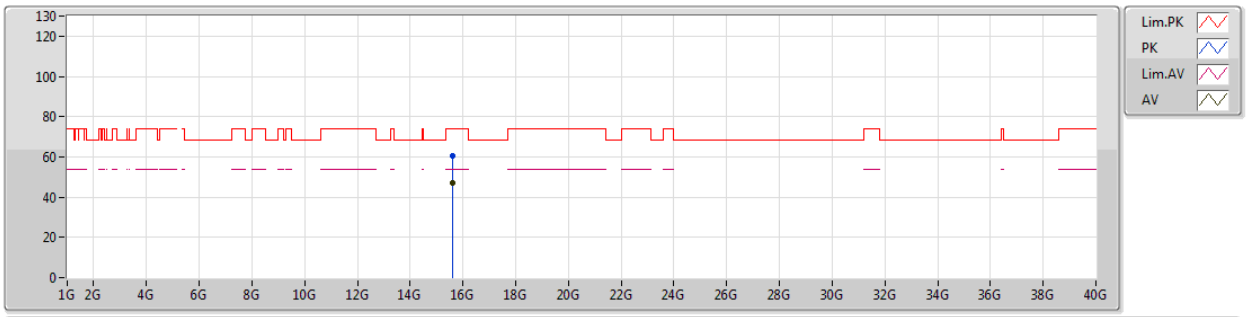
EUT Z_2TX
Setting 13
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.138G	66.52	74.00	-7.48	7.25	3	Vertical	5	1.93	-
AV	5.139G	53.53	54.00	-0.47	7.26	3	Vertical	5	1.93	-
PK	5.198G	100.31	Inf	-Inf	7.36	3	Vertical	5	1.93	-
AV	5.197G	89.85	Inf	-Inf	7.36	3	Vertical	5	1.93	-
PK	5.391G	59.01	74.00	-14.99	7.59	3	Vertical	5	1.93	-
AV	5.433G	46.45	54.00	-7.55	7.66	3	Vertical	5	1.93	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

28/03/2019



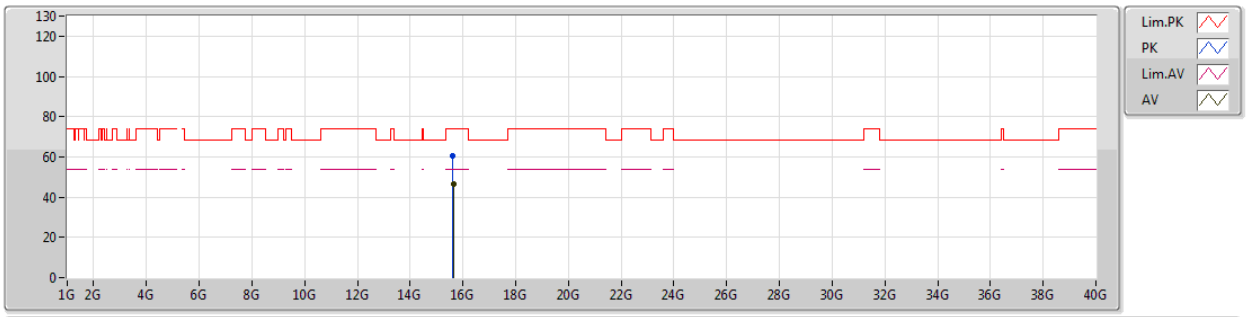
EUT Z_2TX
Setting 13
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.62624G	60.37	74.00	-13.63	17.09	3	Vertical	27	1.16	-
AV	15.62698G	46.97	54.00	-7.03	17.09	3	Vertical	27	1.16	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5210MHz_TX

28/03/2019



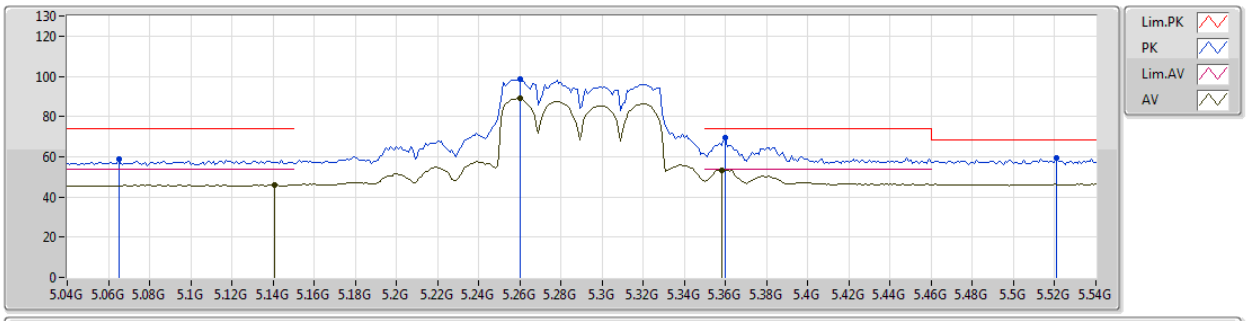
EUT Z_2TX
Setting 13
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.62982G	60.24	74.00	-13.76	17.09	3	Horizontal	144	1.27	-
AV	15.63248G	46.67	54.00	-7.33	17.08	3	Horizontal	144	1.27	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

28/03/2019



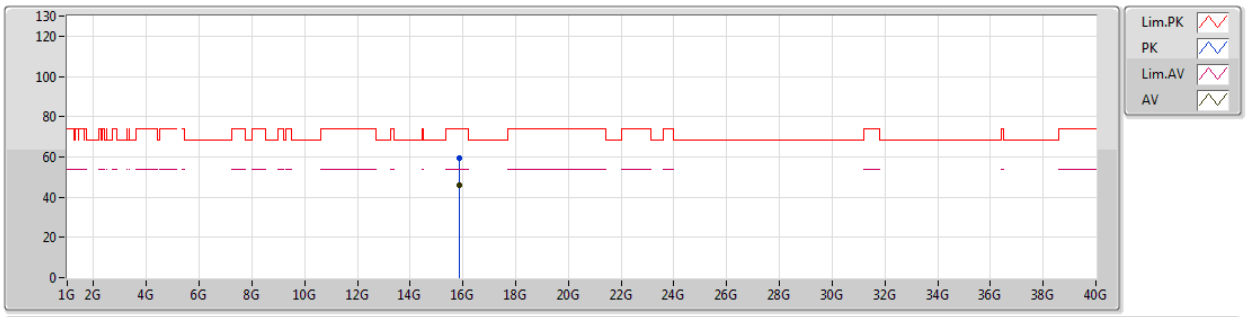
EUT Z_2TX
Setting 13.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.065G	59.06	74.00	-14.94	7.15	3	Vertical	0	2.10	-
AV	5.141G	45.91	54.00	-8.09	7.26	3	Vertical	0	2.10	-
PK	5.26G	98.85	Inf	-Inf	7.44	3	Vertical	0	2.10	-
AV	5.26G	89.14	Inf	-Inf	7.44	3	Vertical	0	2.10	-
PK	5.36G	69.23	74.00	-4.77	7.57	3	Vertical	0	2.10	-
AV	5.358G	53.43	54.00	-0.57	7.55	3	Vertical	0	2.10	-
PK	5.521G	59.22	68.20	-8.98	7.80	3	Vertical	0	2.10	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

28/03/2019



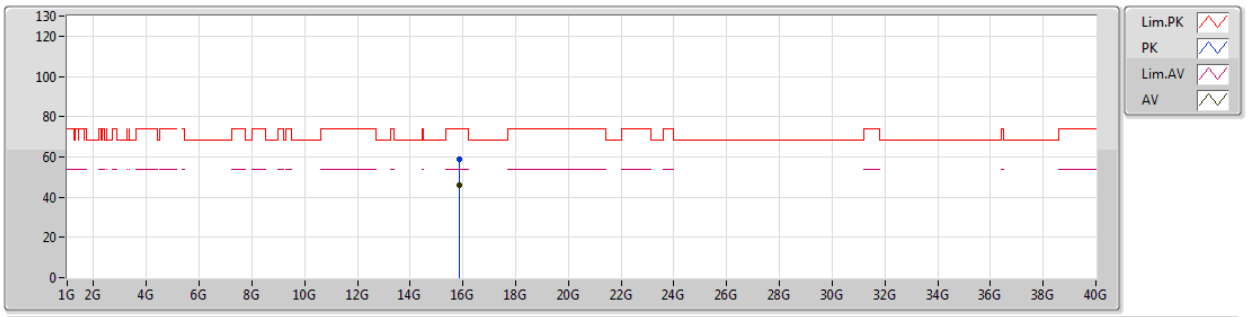
EUT Z_2TX
Setting 13.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.8683G	59.53	74.00	-14.47	16.73	3	Vertical	240	1.88	-
AV	15.87214G	46.10	54.00	-7.90	16.73	3	Vertical	240	1.88	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5290MHz_TX

28/03/2019



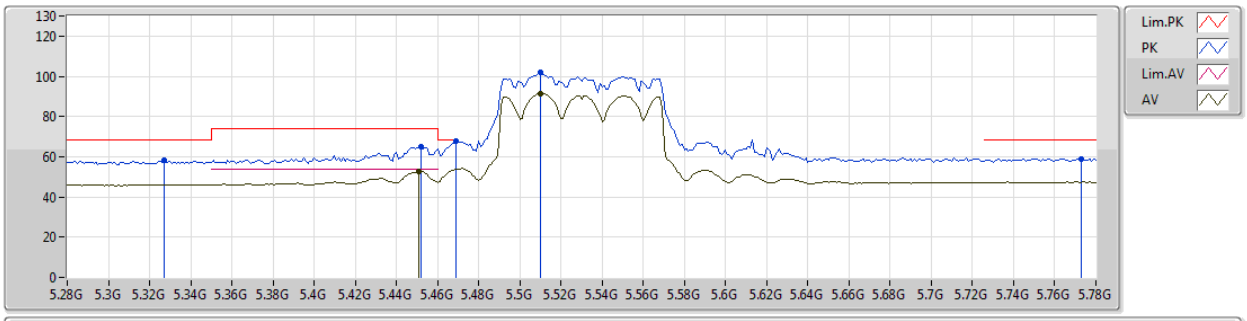
EUT Z_2TX
Setting 13.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	15.87052G	58.81	74.00	-15.19	16.73	3	Horizontal	128	2.42	-
AV	15.86732G	45.94	54.00	-8.06	16.73	3	Horizontal	128	2.42	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

28/03/2019



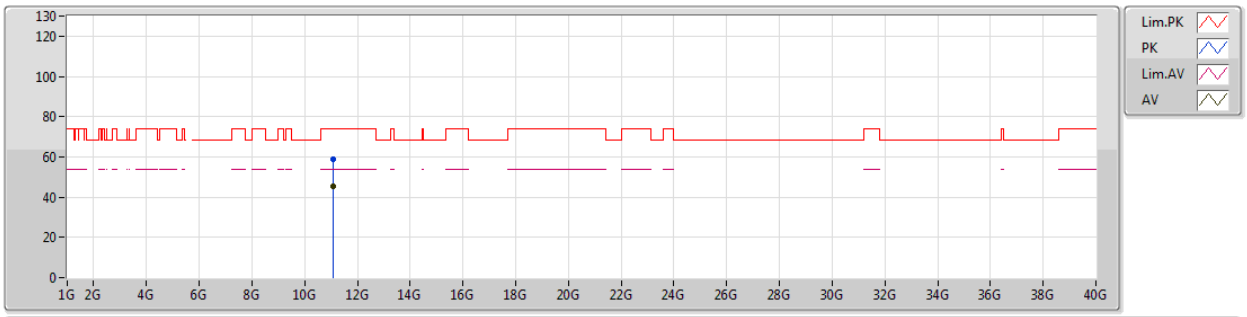
EUT Z_2TX
Setting 13.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.327G	58.01	68.20	-10.19	7.52	3	Vertical	216	2.86	-
PK	5.452G	65.04	74.00	-8.96	7.69	3	Vertical	216	2.86	-
AV	5.451G	52.65	54.00	-1.35	7.69	3	Vertical	216	2.86	-
PK	5.469G	67.75	68.20	-0.45	7.72	3	Vertical	216	2.86	-
PK	5.51G	101.77	Inf	-Inf	7.78	3	Vertical	216	2.86	-
AV	5.51G	91.45	Inf	-Inf	7.78	3	Vertical	216	2.86	-
PK	5.773G	58.99	68.20	-9.21	8.22	3	Vertical	216	2.86	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

28/03/2019



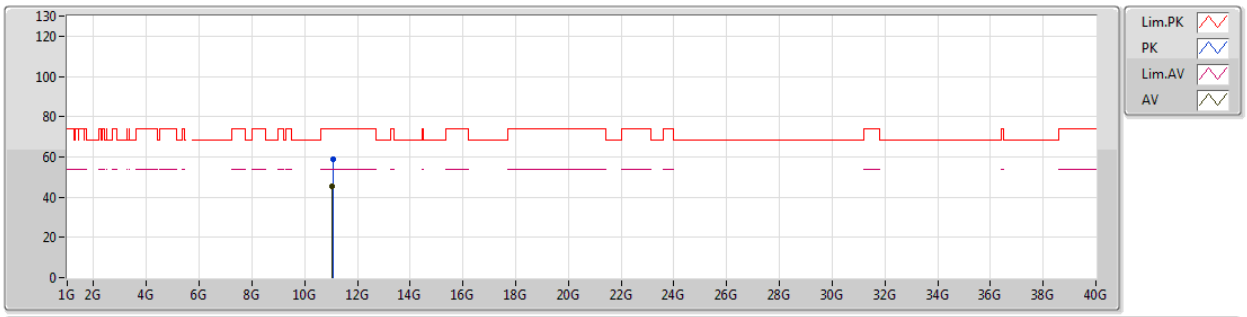
EUT Z_2TX
Setting 13.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.06254G	58.88	74.00	-15.12	17.06	3	Vertical	86	2.23	-
AV	11.06256G	45.12	54.00	-8.88	17.06	3	Vertical	86	2.23	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5530MHz_TX

28/03/2019



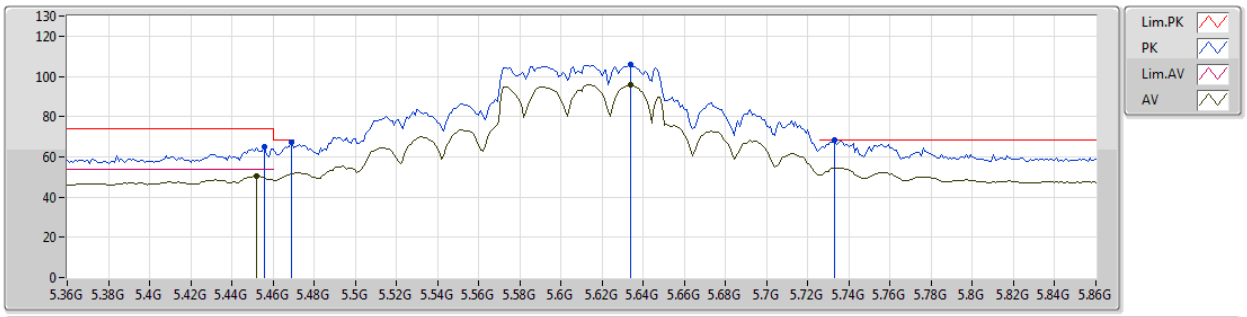
EUT Z_2TX
Setting 13.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.05986G	58.56	74.00	-15.44	17.06	3	Horizontal	268	1.39	-
AV	11.05788G	45.21	54.00	-8.79	17.06	3	Horizontal	268	1.39	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5610MHz_TX

28/03/2019



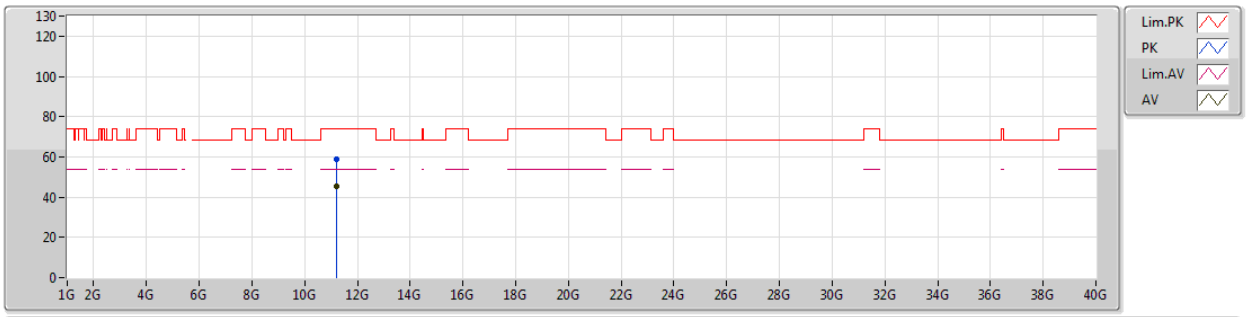
EUT Z_2TX
Setting 18.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.456G	64.89	74.00	-9.11	7.69	3	Vertical	209	2.86	-
AV	5.452G	50.56	54.00	-3.44	7.69	3	Vertical	209	2.86	-
PK	5.469G	67.35	68.20	-0.85	7.72	3	Vertical	209	2.86	-
PK	5.634G	105.77	Inf	-Inf	8.01	3	Vertical	209	2.86	-
AV	5.634G	95.97	Inf	-Inf	8.01	3	Vertical	209	2.86	-
PK	5.733G	68.15	68.20	-0.05	8.17	3	Vertical	209	2.86	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5610MHz_TX

28/03/2019



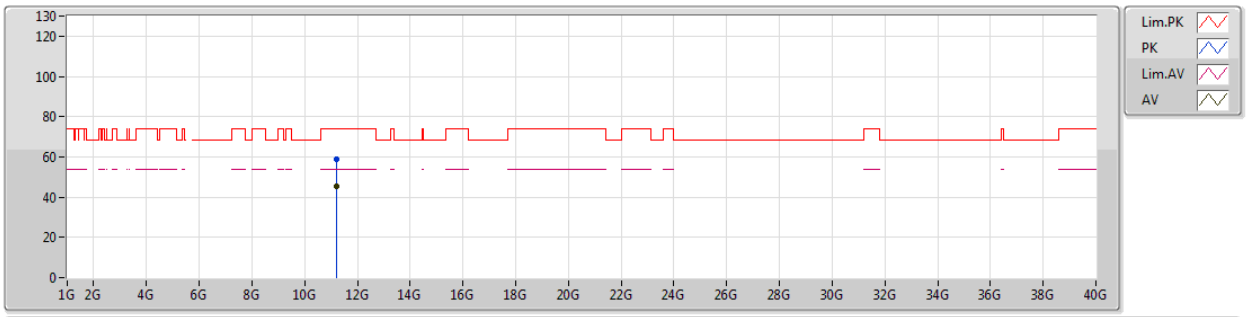
EUT Z_2TX
Setting 18.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.22102G	58.81	74.00	-15.19	17.02	3	Vertical	63	1.06	-
AV	11.21734G	45.35	54.00	-8.65	17.03	3	Vertical	63	1.06	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5610MHz_TX

28/03/2019



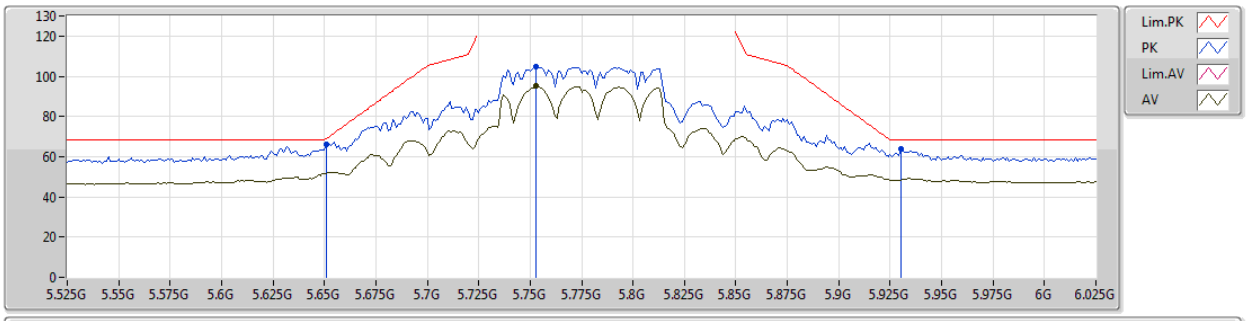
EUT Z_2TX
Setting 18.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.22128G	58.63	74.00	-15.37	17.02	3	Horizontal	19	2.11	-
AV	11.21854G	45.29	54.00	-8.71	17.03	3	Horizontal	19	2.11	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

28/03/2019



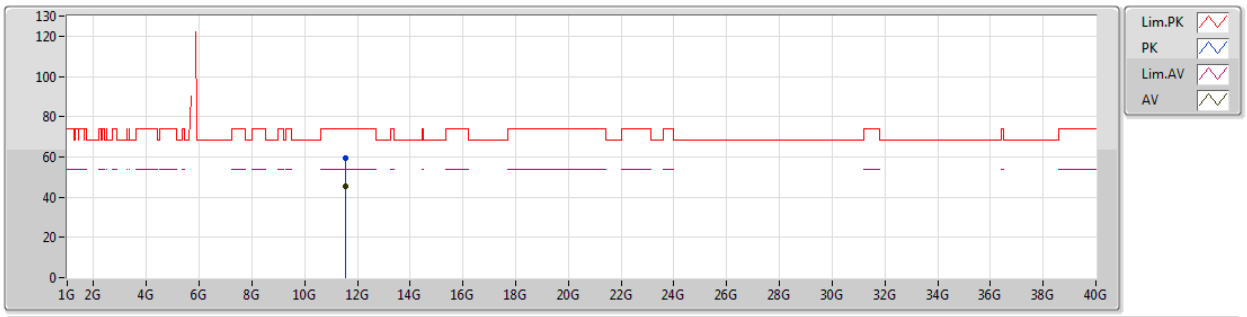
EUT Z_2TX
Setting 16.5
06-S-5-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	5.651G	66.19	68.94	-2.75	8.03	3	Vertical	215	1.44	-
PK	5.753G	105.04	Inf	-Inf	8.19	3	Vertical	215	1.44	-
AV	5.753G	95.07	Inf	-Inf	8.19	3	Vertical	215	1.44	-
PK	5.93G	63.60	68.20	-4.60	8.57	3	Vertical	215	1.44	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

28/03/2019



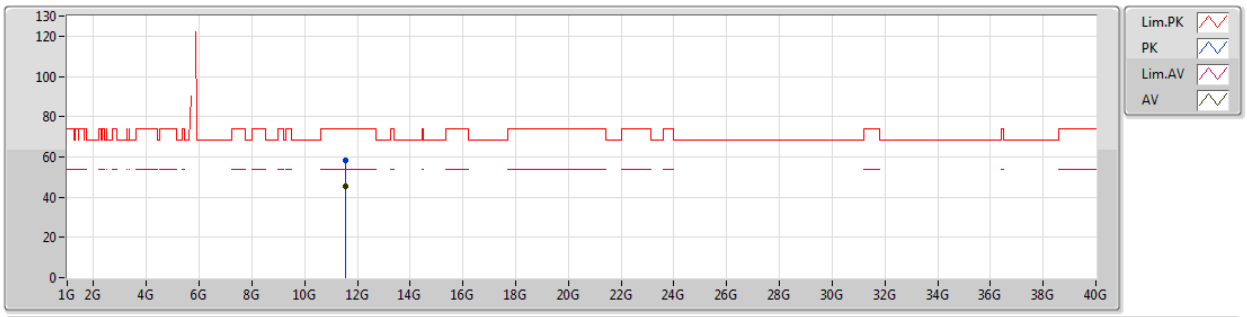
EUT Z_2TX
Setting 16.5
06-S-5
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.54742G	59.57	74.00	-14.43	16.88	3	Vertical	66	2.20	-
AV	11.54794G	45.32	54.00	-8.68	16.87	3	Vertical	66	2.20	-

802.11ac VHT80_Nss1,(MCS0)_2TX

5775MHz_TX

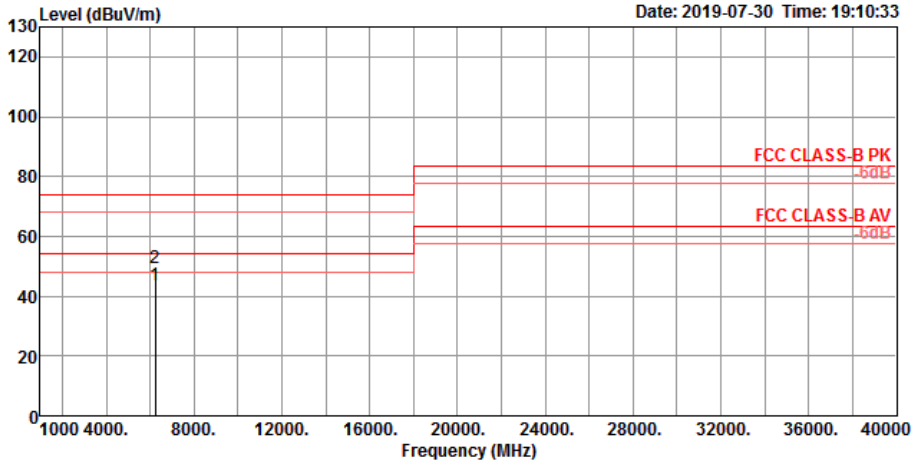
28/03/2019



EUT Z_2TX
Setting 16.5
06-S-5
FSP(100080)

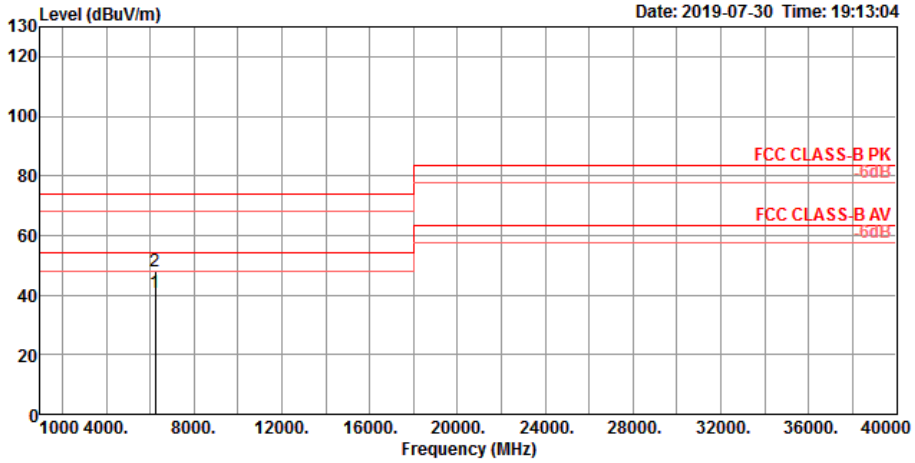
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comments
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)	
PK	11.55356G	58.37	74.00	-15.63	16.87	3	Horizontal	142	1.87	-
AV	11.54756G	45.26	54.00	-8.74	16.87	3	Horizontal	142	1.87	-

RSE Co-location Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	6249.90	43.71	54.00	-10.29	38.59	6.13	34.55	35.56	196	233	Average	VERTICAL
2	6250.02	49.31	74.00	-24.69	44.19	6.13	34.55	35.56	196	233	Peak	VERTICAL

RSE Co-location Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	6249.91	40.63	54.00	-13.37	35.51	6.13	34.55	35.56	116	172	Average	HORIZONTAL
2	6250.00	48.12	74.00	-25.88	43.00	6.13	34.55	35.56	116	172	Peak	HORIZONTAL