FCC RADIO TEST REPORT

FCC ID	:	HEDML10G360
Equipment	:	MetroLinq 10G Tri-band Omni
Brand Name	:	IgniteNet
Model Name	:	ML-60-10G-360
Applicant	:	Accton Technology Corp No. 1, Creation Rd. III, Science-based Industrial Park Hsin Chu 30077, Taiwan R.O.C.
Manufacturer	:	Accton Technology Corp No. 1, Creation Rd. III, Science-based Industrial Park Hsin Chu 30077, Taiwan R.O.C.
Standard	:	47 CFR FCC Part 15.407

The product was received on Aug. 19, 2019, and testing was started from Aug. 23, 2019 and completed on Aug. 26, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

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

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

Approved by: Sam Chen

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

Table of Contents

History of this test report

Report No.	Version	Description	Issued Date
FR7D2701-05	01	Initial issue of report	Nov. 18, 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	15.407(a)	Emission Bandwidth	PASS	-
3.2	15.407(a)	Maximum Conducted Output Power	PASS	-
3.3	15.407(a)	Peak Power Spectral Density	PASS	-
3.4	15.407(b)	Unwanted Emissions	PASS	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Sam Chen

Report Producer: Emily Chen

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5250-5350	a, n (HT20), ac (VHT20)	5260-5320	52-64 [4]
5470-5725		5500-5700	100-140 [11]
5250-5350	n (HT40), ac (VHT40)	5270-5310	54-62 [2]
5470-5725		5510-5670	102-134 [5]
5250-5350	ac (VHT80)	5290	58 [1]
5470-5725		5530-5610	106-122 [2]

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

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

1.1.2 Antenna Information

Ant.	Chain	Brand	Model Name	Antenna Type	Connector	2.4GHz Gain (dBi)
1	1	Accton	OAP9432FA-3AD-0617-ACN	PCB Patch	MMCX	8.5
	2					8.9
2	3	Accton	OAP9432FA-3AD-0617-ACN	PCB Patch	MMCX	8.9
	4					8.5
3	5	Accton	OAP9432FA-3AD-0617-ACN	PCB Patch	MMCX	8.5
	6					8.9
4	7	Accton	OAP9432FA-3AD-0617-ACN	PCB Patch	MMCX	8.9
	8					8.5

Ant.	Chain	Brand	Model Name	Antenna Type	Connector	5GHz Gain (dBi)
5	1	Accton	OAP9432FA-3AD-0617-ACN	PCB Patch	MMCX	Note 1
	2					
6	3	Accton	OAP9432FA-3AD-0617-ACN	PCB Patch	MMCX	
	4					
7	5	Accton	OAP9432FA-3AD-0617-ACN	PCB Patch	MMCX	
	6					
8	7	Accton	OAP9432FA-3AD-0617-ACN	PCB Patch	MMCX	
	8					

Note 1:

Ant.	Chain	5GHz Gain (dBi)			
		Band 1	Band 2	Band 3	Band 4
5	1	0.7	7	5	5.6
	2	11.3	8.8	8.1	6.7
6	3	11.3	8.8	8.1	6.7
	4	0.7	7	5	5.6
7	5	0.7	7	5	5.6
	6	11.3	8.8	8.1	6.7
8	7	11.3	8.8	8.1	6.7
	8	0.7	7	5	5.6

Ant.	Brand	Model Name	Antenna Type	Connector	60GHz Gain (dBi)
9	Accton	120300000225X	Chip Ant.	N/A	17.2

Note 2:

The EUT has eight antennas for WLAN.

The device contains three 60GHz approval module. (FCC ID: HEDML60PRS4601)

For 2.4GHz function:

Chain 1 ~ Chain 8 can be used as transmitting/receiving functions, but only four antennas can be used as transmitting/receiving functions at one time.

Chain 2 (Port 1), Chain 3 (Port 2), Chain 6 (Port 3) and Chain 7 (Port 4) generated the worst case, so it is tested and recorded in the report.

For 5GHz function:

Chain 1 ~ Chain 8 can be used as transmitting/receiving functions, but only four antennas can be used as transmitting/receiving functions at one time.

Chain 2 (Port 1), Chain 3 (Port 2), Chain 6 (Port 3) and Chain 7 (Port 4) generated the worst case, so it is tested and recorded in the report.

Note 3:

The above information was declared by manufacturer.

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.969	0.14	2.068m	1k
802.11ac VHT20	0.986	0.06	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.972	0.12	2.44m	1k
802.11ac VHT80	0.944	0.25	1.149m	1k

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

1.1.4 EUT Operational Condition

EUT Power Type	From PoE or DC 48V			
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	Version3.0.264.0			

Note: The above information was declared by manufacturer.

1.1.5 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR7D2701-01AB

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

Modifications	Performance Checking
Adding Band 2 and Band 3 (5250~5350 MHz, 5470~5725 MHz) for this device.	1. Emission Bandwidth 2. Maximum Conducted Output Power 3. Peak Power Spectral Density 4. Unwanted Emissions (above 1GHz)

1.2 Applicable Standards

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

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

1.3 Testing Location Information

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

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH02-CB	Zero Chen	24.7~25.9°C / 62~68%	Aug. 26, 2019
Radiated above 1GHz	03CH03-CB	Welson Chen	24.2~25.7°C / 62~68%	Aug. 23, 2019~Aug. 26, 2019

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

1.4 Measurement Uncertainty

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

Test Items	Uncertainty	Remark
Radiated Emission (1GHz ~ 18GHz)	4.3 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	5.1 dB	Confidence levels of 95%
Conducted Emission	2.4 dB	Confidence levels of 95%
Output Power Measurement	1.5 dB	Confidence levels of 95%
Power Density Measurement	2.4 dB	Confidence levels of 95%
Bandwidth Measurement	2%	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_4TX	-
5260MHz	15.5
5300MHz	15
5320MHz	15
5500MHz	15.5
5580MHz	15.5
5700MHz	15.5
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5260MHz	15.5
5300MHz	15.5
5320MHz	15.5
5500MHz	16
5580MHz	16
5700MHz	16
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5270MHz	14
5310MHz	14
5510MHz	15
5550MHz	15
5670MHz	15
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5290MHz	15
5530MHz	15.5
5610MHz	15.5

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	Emission Bandwidth Maximum Conducted Output Power Peak Power Spectral Density
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Unwanted Emissions
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.
Operating Mode > 1GHz	CTX

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	WLAN 2.4GHz + WLAN 5GHz + 60GHz module 1 + 60GHz module 2 + 60GHz module 3
Refer to Sporton Test Report No.: FA7D2701-05 for Co-location RF Exposure Evaluation.	

Note: 1. The EUT can only be used at Y axis position.
2. The PoE are for measurement only, would not be marketed, and its information as below:

Equipment	Brand Name	Model Name	FCC ID
PoE	GME	GME40B-4801135FDA	N/A

2.3 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.4 Accessories

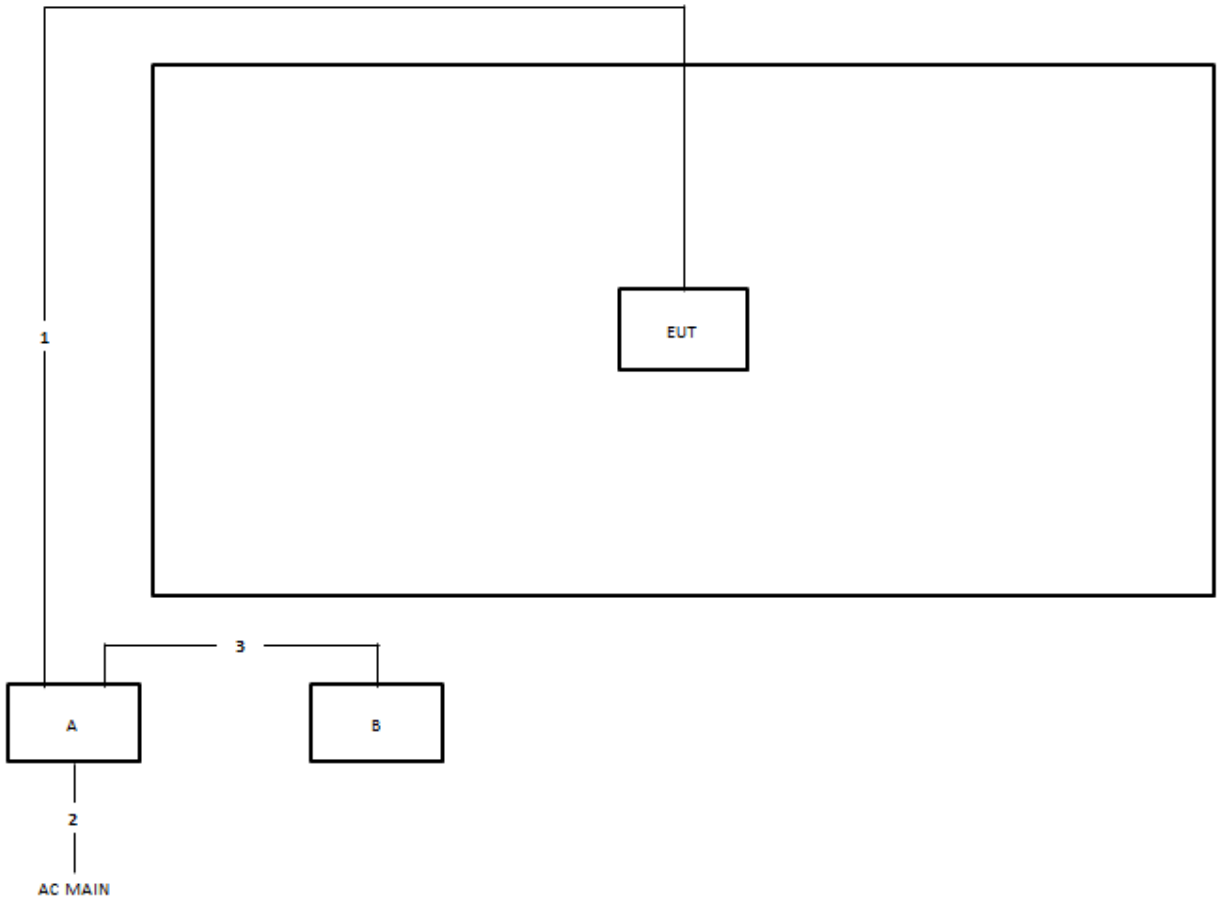
Accessories	
No.	**Description**
1	Wall-mounted rack*1

2.5 Support Equipment

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
A	NB	DELL	E4300	DoC
B	PoE	GME	GME40B-4801135FDA	N/A

2.6 Test Setup Diagram

Test Setup Diagram - Radiated Test > 1GHz



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

3 Transmitter Test Result

3.1 Emission Bandwidth

3.1.1 Emission Bandwidth Limit

Emission Bandwidth Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band, N/A
☒	For the 5.25-5.35 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☒	For the 5.47-5.725 GHz band, the maximum conducted output power shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in MHz.
☐	For the 5.725-5.85 GHz band, 6 dB emission bandwidth ≥ 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.

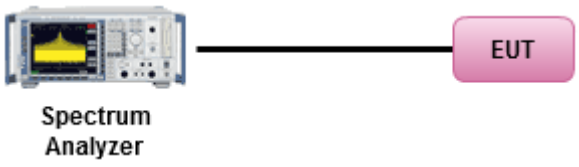
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

3.1.4 Test Setup

Emission Bandwidth


3.1.5 Test Result of Emission Bandwidth

Refer as Appendix A

3.2 Maximum Conducted Output Power

3.2.1 Maximum Conducted Output Power Limit

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

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

3.2.4 Test Setup

RF Output Power (Power Meter)


3.2.5 Test Result of Maximum Conducted Output Power

Refer as Appendix B

3.3 Peak Power Spectral Density

3.3.1 Peak Power Spectral Density Limit

Peak Power Spectral Density Limit	
UNII Devices	
☐	For the 5.15-5.25 GHz band:
	▪ Outdoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Indoor AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 6 dBi, then P_{Out} = 17 – (G_{TX} – 6).
	▪ Point-to-point AP: the peak power spectral density (PPSD) shall not exceed the lesser of 17dBm/MHz. If G_{TX} > 23 dBi, then P_{Out} = 17 – (G_{TX} – 23).
	▪ Mobile or Portable Client: the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6)..
☒	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☒	For the 5.47-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz. If G_{TX} > 6 dBi, then PPSD= 11 – (G_{TX} – 6).
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
LE-LAN Devices	
☐	For the 5.15-5.25 GHz band, the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ 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.	

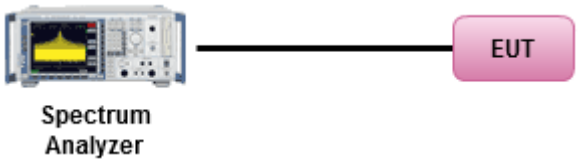
3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

3.3.4 Test Setup

Power Spectral Density


3.3.5 Test Result of Peak Power Spectral Density

Refer as Appendix C

3.4 Unwanted Emissions

3.4.1 Transmitter Unwanted Emissions Limit

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

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

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

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

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

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

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

3.4.2 Measuring Instruments

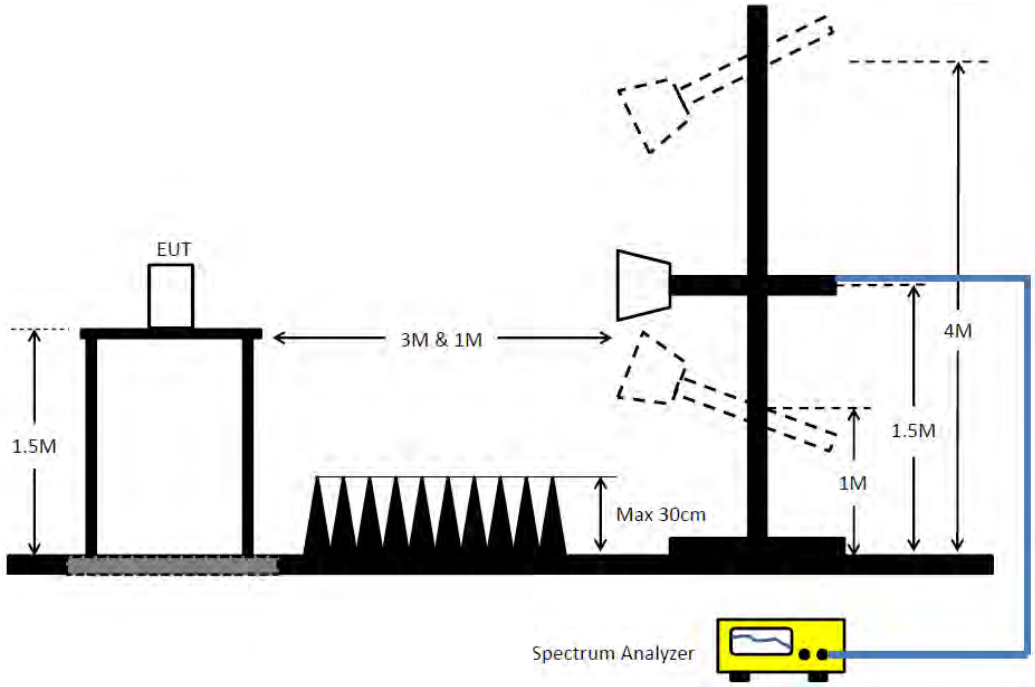
Refer a test equipment and calibration data table in this test report.

3.4.3 Test Procedures

Test Method			
▪ Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 m for frequencies above 30 MHz, unless it can be further demonstrated that measurements at a distance of 30 m or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).			
▪ The average emission levels shall be measured in [duty cycle ≥ 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.			

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.5 Measurement Results Calculation

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

3.4.6 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	ETS・Lindgren	3115	6821	750MHz~18GHz	Jan. 24, 2019	Jan. 23, 2020	Radiation (03CH03-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jun. 27, 2019	Jun. 26, 2020	Radiation (03CH03-CB)
Pre-Amplifier	Agilent	8449B	3008A02097	1GHz ~ 26.5GHz	Dec. 20, 2018	Dec. 19, 2019	Radiation (03CH03-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 03, 2019	Jul. 02, 2020	Radiation (03CH03-CB)
Spectrum Analyzer	R&S	FSP40	100019	9kHz ~ 40GHz	Jun. 19, 2019	Jun. 18, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-20+27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-27	1GHz ~ 18GHz	Oct. 08, 2018	Oct. 07, 2019	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#1	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
RF Cable-high	Woken	RG402	High Cable-40G#2	18GHz ~ 40 GHz	Jul. 24, 2019	Jul. 23, 2020	Radiation (03CH03-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 02, 2019	Jul. 01, 2020	Conducted (TH02-CB)
Power Sensor	Anritsu	MA2411B	1531343	300MHz~40GHz	Jul. 31, 2019	Jul. 30, 2020	Conducted (TH02-CB)
Power Meter	Anritsu	ML2495A	1728001	300MHz~40GHz	Jul. 31, 2019	Jul. 30, 2020	Conducted (TH02-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 05, 2018	Nov. 04, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-01	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-02	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-3	1 GHz – 26.5 GHz	Oct. 24, 2018	Oct. 23, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-04	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)
RF Cable-high	Woken	RG402	High Cable-05	1 GHz – 26.5 GHz	Oct. 08, 2018	Oct. 07, 2019	Conducted (TH02-CB)

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

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.89M	16.432M	16M4D1D	19.17M	16.342M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.58M	17.631M	17M6D1D	20.28M	17.571M
802.11ac VHT40_Nss1,(MCS0)_4TX	40.08M	35.982M	36M0D1D	39.24M	35.862M
802.11ac VHT80_Nss1,(MCS0)_4TX	85.68M	75.922M	75M9D1D	84.72M	75.682M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	19.68M	16.462M	16M5D1D	19.05M	16.342M
802.11ac VHT20_Nss1,(MCS0)_4TX	20.76M	17.631M	17M6D1D	20.16M	17.541M
802.11ac VHT40_Nss1,(MCS0)_4TX	39.96M	35.982M	36M0D1D	39.12M	35.802M
802.11ac VHT80_Nss1,(MCS0)_4TX	85.8M	75.922M	75M9D1D	84.36M	75.562M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Max-OBW = Maximum99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;
Min-OBW = Minimum 99% occupied bandwidth;

Result

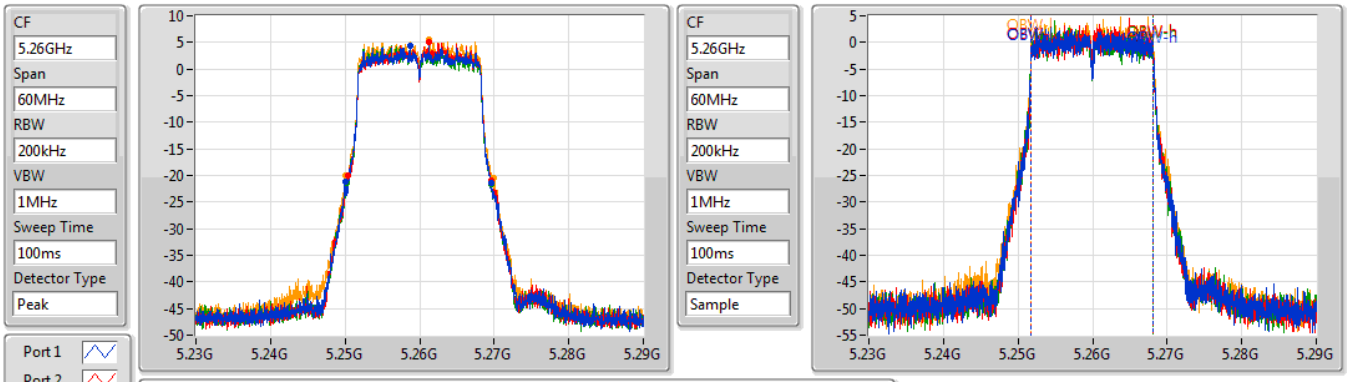
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.62M	16.402M	19.23M	16.372M	19.41M	16.402M	19.89M	16.402M
5300MHz	Pass	Inf	19.53M	16.402M	19.2M	16.342M	19.47M	16.372M	19.8M	16.402M
5320MHz	Pass	Inf	19.71M	16.402M	19.17M	16.372M	19.44M	16.402M	19.68M	16.432M
5500MHz	Pass	Inf	19.65M	16.402M	19.65M	16.462M	19.2M	16.462M	19.41M	16.402M
5580MHz	Pass	Inf	19.68M	16.402M	19.68M	16.432M	19.05M	16.402M	19.32M	16.342M
5700MHz	Pass	Inf	19.65M	16.402M	19.59M	16.432M	19.11M	16.342M	19.53M	16.372M
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.37M	17.601M	20.28M	17.571M	20.43M	17.601M	20.58M	17.601M
5300MHz	Pass	Inf	20.37M	17.601M	20.31M	17.601M	20.58M	17.631M	20.46M	17.631M
5320MHz	Pass	Inf	20.34M	17.601M	20.28M	17.601M	20.4M	17.631M	20.4M	17.571M
5500MHz	Pass	Inf	20.52M	17.601M	20.46M	17.631M	20.64M	17.631M	20.28M	17.571M
5580MHz	Pass	Inf	20.55M	17.601M	20.76M	17.631M	20.52M	17.571M	20.16M	17.541M
5700MHz	Pass	Inf	20.37M	17.601M	20.49M	17.631M	20.37M	17.541M	20.28M	17.571M
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	40.02M	35.862M	40.08M	35.922M	39.3M	35.862M	39.24M	35.862M
5310MHz	Pass	Inf	39.9M	35.922M	40.08M	35.982M	39.24M	35.862M	39.24M	35.922M
5510MHz	Pass	Inf	39.78M	35.922M	39.6M	35.862M	39.12M	35.862M	39.36M	35.982M
5550MHz	Pass	Inf	39.9M	35.982M	39.78M	35.802M	39.3M	35.922M	39.6M	35.982M
5670MHz	Pass	Inf	39.96M	35.922M	39.54M	35.862M	39.78M	35.982M	39.36M	35.982M
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	85.08M	75.802M	84.72M	75.802M	85.44M	75.922M	85.68M	75.682M
5530MHz	Pass	Inf	84.36M	75.802M	84.96M	75.802M	85.44M	75.802M	85.8M	75.922M
5610MHz	Pass	Inf	84.36M	75.682M	84.72M	75.562M	84.96M	75.922M	85.68M	75.802M

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

802.11a_Nss1,(6Mbps)_4TX EBW

5260MHz

26/08/2019

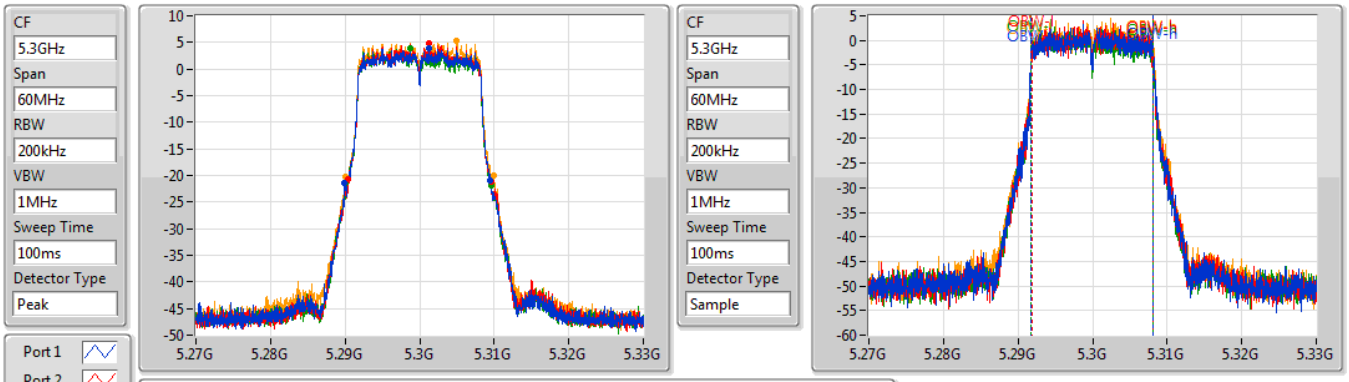


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.62M	5.24998G	5.2696G	16.402M	5.251784G	5.268186G	Inf	1
19.23M	5.25034G	5.26957G	16.372M	5.251784G	5.268156G	Inf	2
19.41M	5.25019G	5.2696G	16.402M	5.251784G	5.268186G	Inf	3
19.89M	5.25007G	5.26996G	16.402M	5.251784G	5.268186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5300MHz

26/08/2019

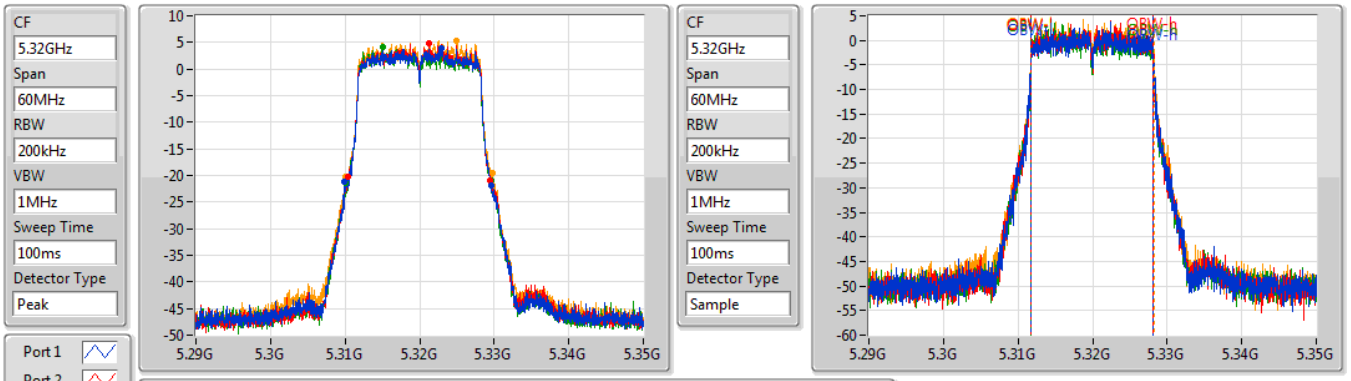


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.53M	5.28995G	5.30948G	16.402M	5.291784G	5.308186G	Inf	1
19.2M	5.29034G	5.30954G	16.342M	5.291814G	5.308156G	Inf	2
19.47M	5.29013G	5.3096G	16.372M	5.291784G	5.308156G	Inf	3
19.8M	5.29007G	5.30987G	16.402M	5.291784G	5.308186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5320MHz

26/08/2019

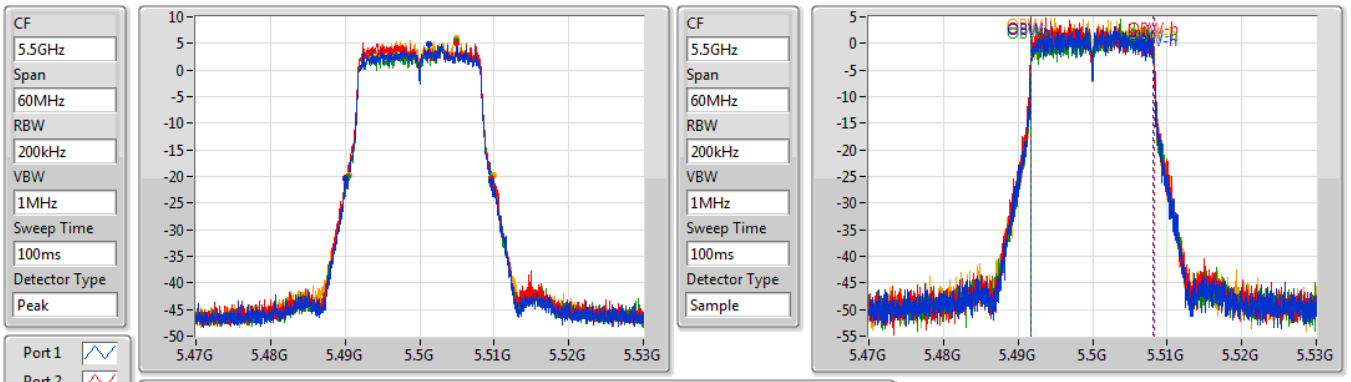


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.71M	5.30995G	5.32966G	16.402M	5.311784G	5.328186G	Inf	1
19.17M	5.31034G	5.32951G	16.372M	5.311784G	5.328156G	Inf	2
19.44M	5.31013G	5.32957G	16.402M	5.311784G	5.328186G	Inf	3
19.68M	5.31013G	5.32981G	16.432M	5.311784G	5.328216G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5500MHz

26/08/2019

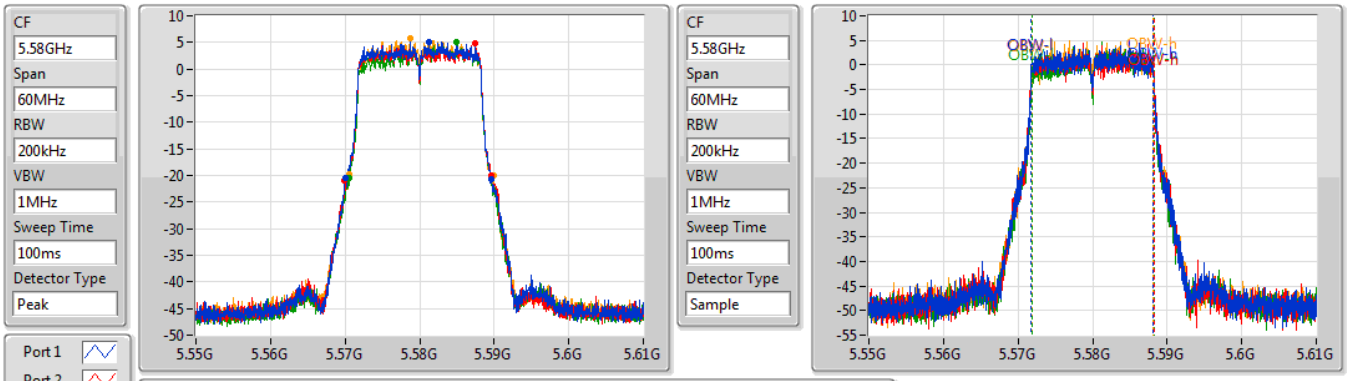


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.49001G	5.50966G	16.402M	5.491784G	5.508186G	Inf	1
19.65M	5.48998G	5.50963G	16.462M	5.491754G	5.508216G	Inf	2
19.2M	5.4904G	5.5096G	16.462M	5.491754G	5.508216G	Inf	3
19.41M	5.49049G	5.5099G	16.402M	5.491784G	5.508186G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5580MHz

26/08/2019

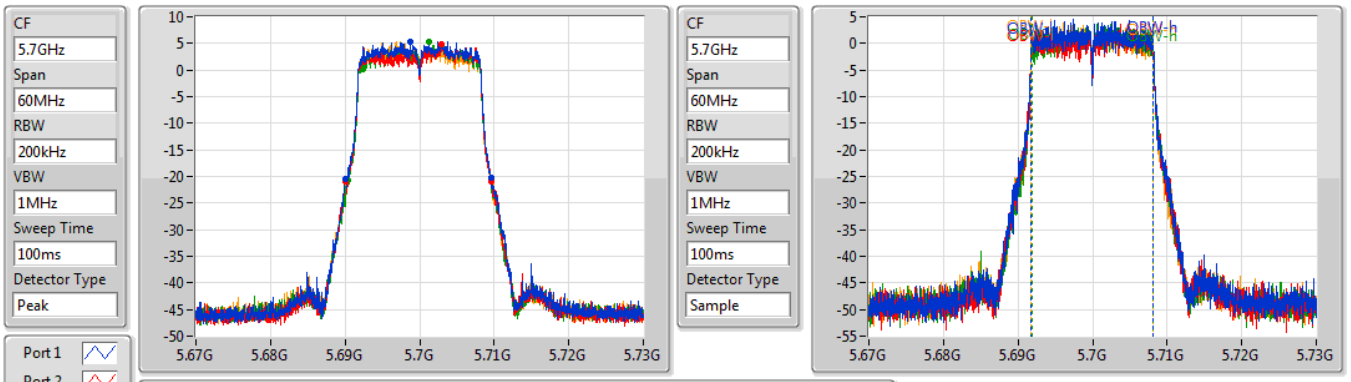


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.68M	5.56998G	5.58966G	16.402M	5.571784G	5.588186G	Inf	1
19.68M	5.56995G	5.58963G	16.432M	5.571784G	5.588216G	Inf	2
19.05M	5.57055G	5.5896G	16.402M	5.571814G	5.588216G	Inf	3
19.32M	5.57055G	5.58987G	16.342M	5.571814G	5.588156G	Inf	4

802.11a_Nss1,(6Mbps)_4TX EBW

5700MHz

26/08/2019

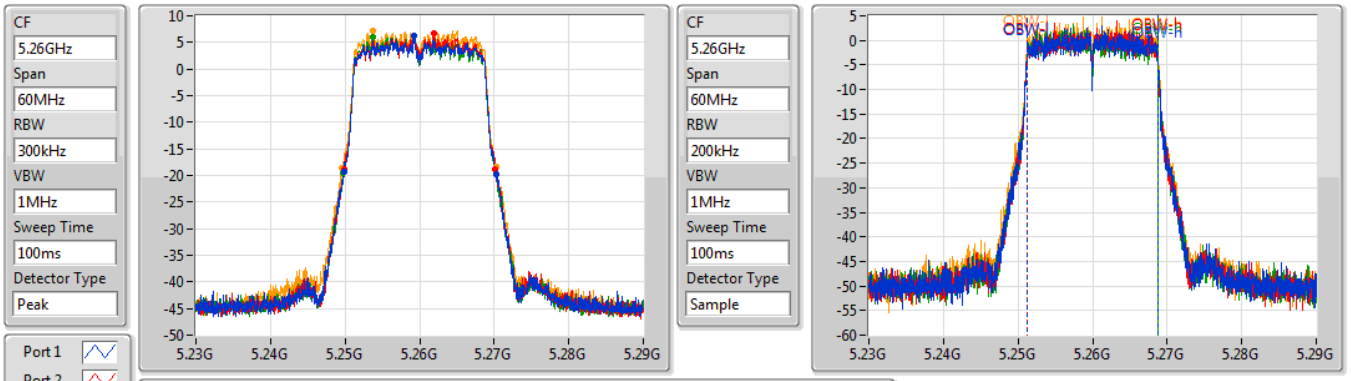


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.65M	5.68998G	5.70963G	16.402M	5.691784G	5.708186G	Inf	1
19.59M	5.69004G	5.70963G	16.432M	5.691754G	5.708186G	Inf	2
19.11M	5.69043G	5.70954G	16.342M	5.691814G	5.708156G	Inf	3
19.53M	5.69016G	5.70969G	16.372M	5.691784G	5.708156G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5260MHz

26/08/2019

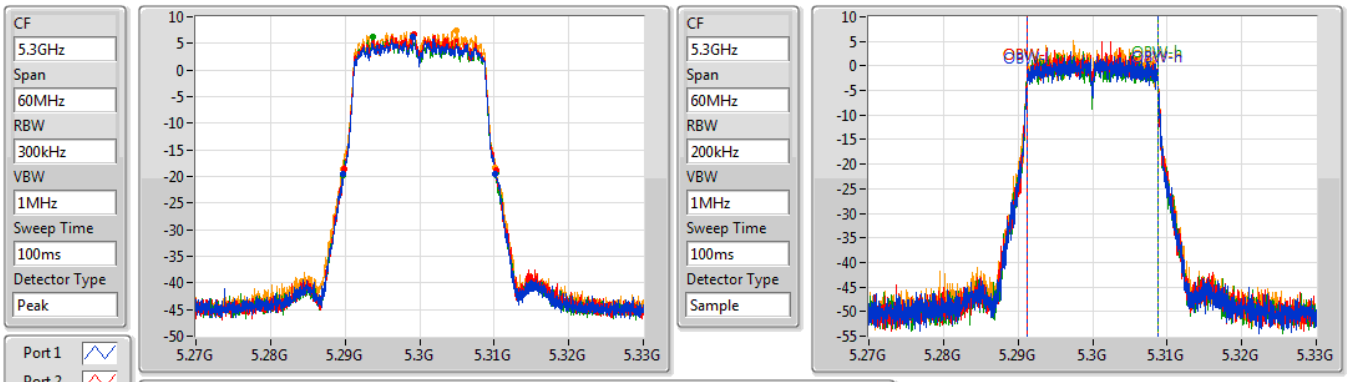


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.24983G	5.2702G	17.601M	5.251184G	5.268786G	Inf	1
20.28M	5.24989G	5.27017G	17.571M	5.251184G	5.268756G	Inf	2
20.43M	5.24974G	5.27017G	17.601M	5.251184G	5.268786G	Inf	3
20.58M	5.24962G	5.2702G	17.601M	5.251184G	5.268786G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5300MHz

26/08/2019

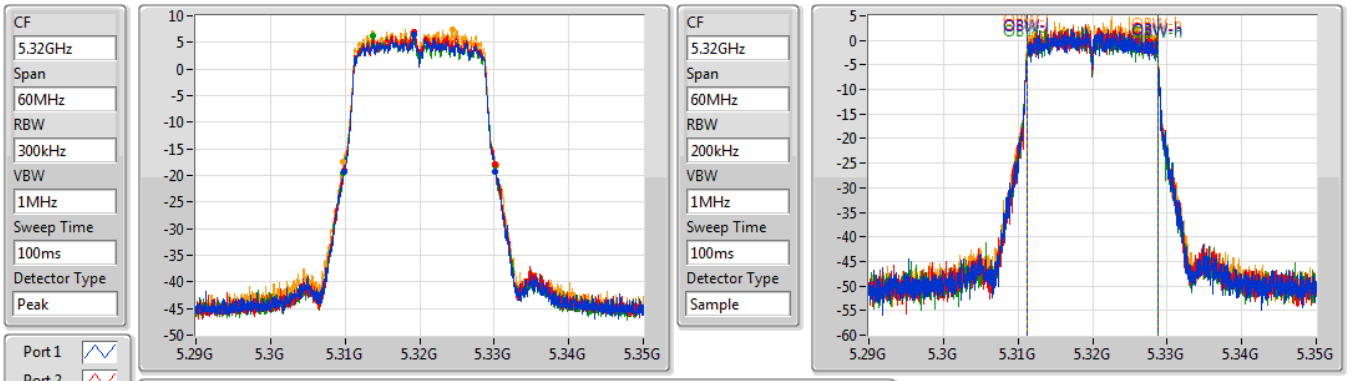


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.2898G	5.31017G	17.601M	5.291184G	5.308786G	Inf	1
20.31M	5.28992G	5.31023G	17.601M	5.291184G	5.308786G	Inf	2
20.58M	5.28965G	5.31023G	17.631M	5.291154G	5.308786G	Inf	3
20.46M	5.28971G	5.31017G	17.631M	5.291154G	5.308786G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5320MHz

26/08/2019

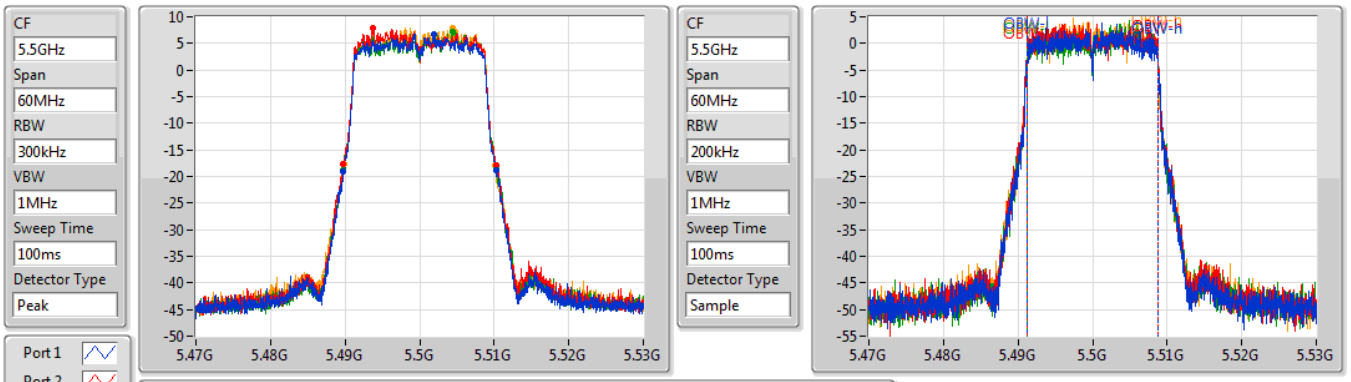


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.34M	5.30983G	5.33017G	17.601M	5.311184G	5.328786G	Inf	1
20.28M	5.30989G	5.33017G	17.601M	5.311184G	5.328786G	Inf	2
20.4M	5.30977G	5.33017G	17.631M	5.311154G	5.328786G	Inf	3
20.4M	5.3098G	5.3302G	17.571M	5.311184G	5.328756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5500MHz

26/08/2019

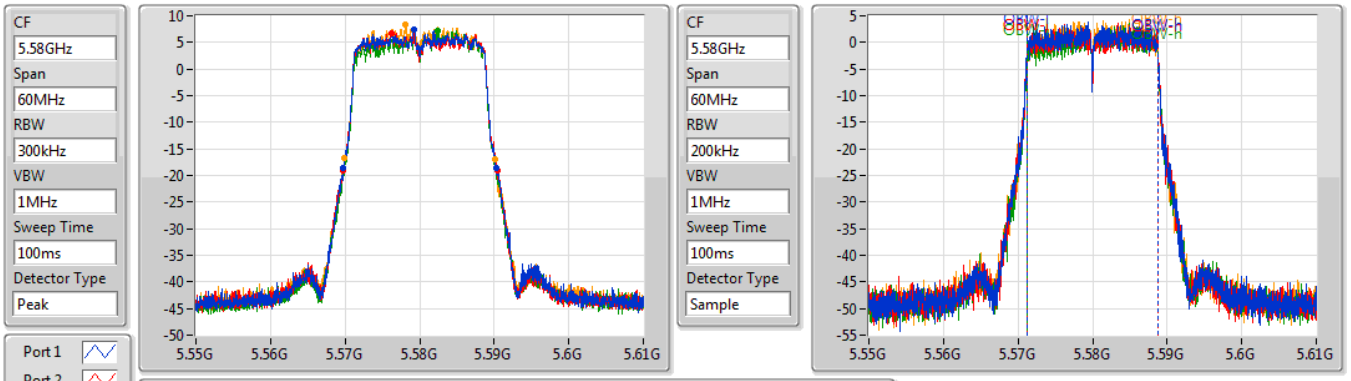


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.52M	5.48974G	5.51026G	17.601M	5.491184G	5.508786G	Inf	1
20.46M	5.4898G	5.51026G	17.631M	5.491154G	5.508786G	Inf	2
20.64M	5.48971G	5.51035G	17.631M	5.491184G	5.508816G	Inf	3
20.28M	5.48986G	5.51014G	17.571M	5.491184G	5.508756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5580MHz

26/08/2019

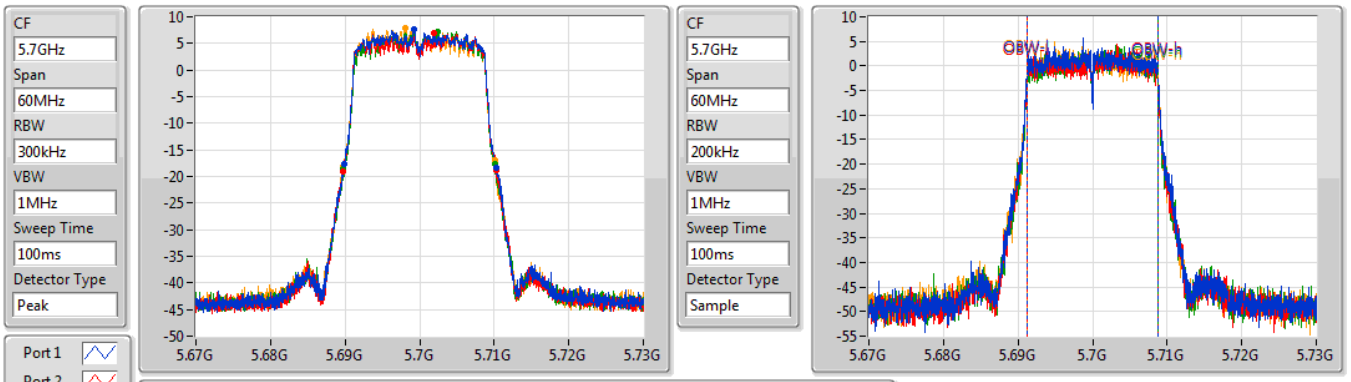


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.55M	5.56974G	5.59029G	17.601M	5.571184G	5.588786G	Inf	1
20.76M	5.56968G	5.59044G	17.631M	5.571184G	5.588816G	Inf	2
20.52M	5.5698G	5.59032G	17.571M	5.571214G	5.588786G	Inf	3
20.16M	5.56989G	5.59005G	17.541M	5.571214G	5.588756G	Inf	4

802.11ac VHT20_Nss1,(MCS0)_4TX EBW

5700MHz

26/08/2019

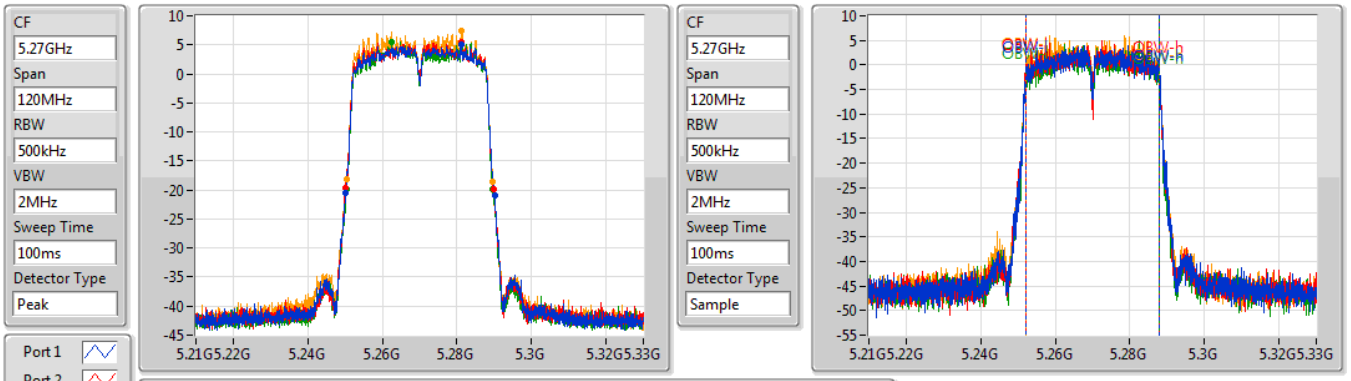


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.37M	5.68983G	5.7102G	17.601M	5.691184G	5.708786G	Inf	1
20.49M	5.68977G	5.71026G	17.631M	5.691154G	5.708786G	Inf	2
20.37M	5.68977G	5.71014G	17.541M	5.691214G	5.708756G	Inf	3
20.28M	5.68977G	5.71005G	17.571M	5.691184G	5.708756G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5270MHz

26/08/2019

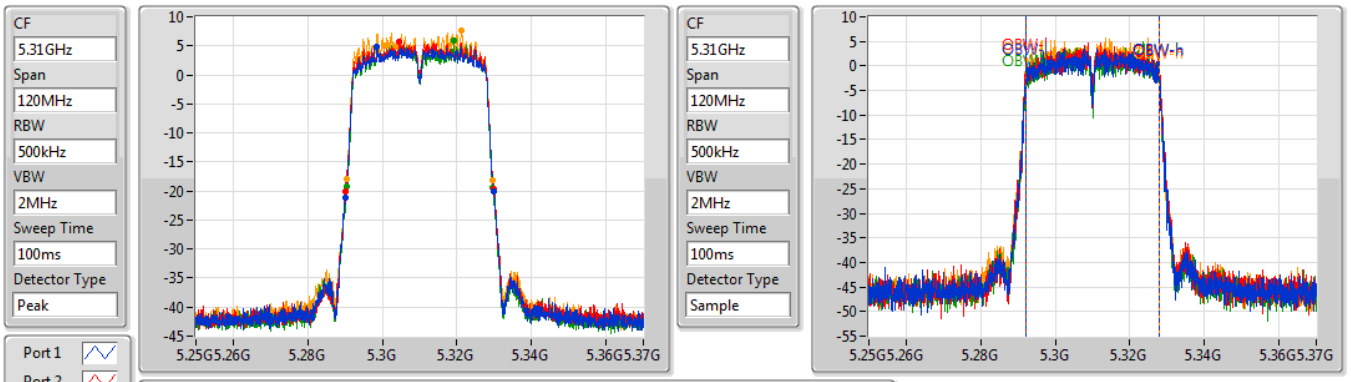


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
40.02M	5.25008G	5.2901G	35.862M	5.252069G	5.287931G	Inf	1
40.08M	5.24996G	5.29004G	35.922M	5.252009G	5.287931G	Inf	2
39.3M	5.25032G	5.28962G	35.862M	5.252069G	5.287931G	Inf	3
39.24M	5.25032G	5.28956G	35.862M	5.252009G	5.287871G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5310MHz

26/08/2019

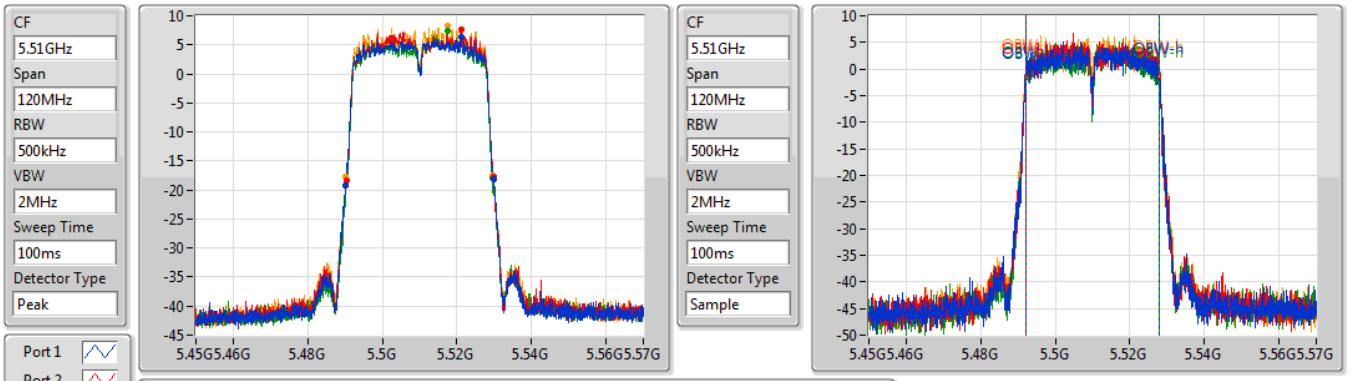


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.29014G	5.33004G	35.922M	5.292069G	5.327991G	Inf	1
40.08M	5.28996G	5.33004G	35.982M	5.292009G	5.327991G	Inf	2
39.24M	5.29032G	5.32956G	35.862M	5.292069G	5.327931G	Inf	3
39.24M	5.29038G	5.32962G	35.922M	5.292009G	5.327931G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5510MHz

26/08/2019

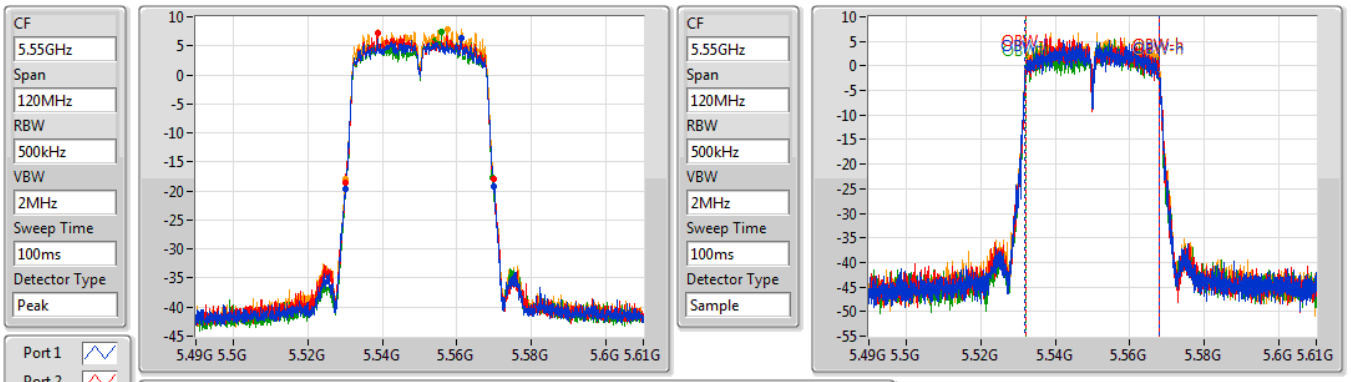


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.78M	5.49014G	5.52992G	35.922M	5.492009G	5.527931G	Inf	1
39.6M	5.49032G	5.52992G	35.862M	5.492069G	5.527931G	Inf	2
39.12M	5.49038G	5.5295G	35.862M	5.492069G	5.527931G	Inf	3
39.36M	5.49026G	5.52962G	35.982M	5.492009G	5.527991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5550MHz

26/08/2019

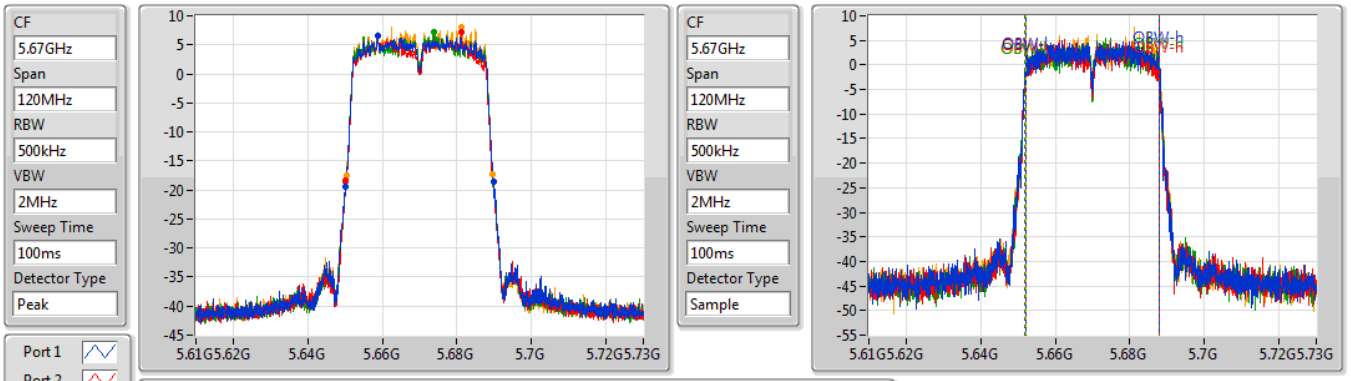


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.9M	5.53014G	5.57004G	35.982M	5.531949G	5.567931G	Inf	1
39.78M	5.53008G	5.56986G	35.802M	5.532069G	5.567871G	Inf	2
39.3M	5.5302G	5.5695G	35.922M	5.532009G	5.567931G	Inf	3
39.6M	5.53026G	5.56986G	35.982M	5.532009G	5.567991G	Inf	4

802.11ac VHT40_Nss1,(MCS0)_4TX EBW

5670MHz

26/08/2019

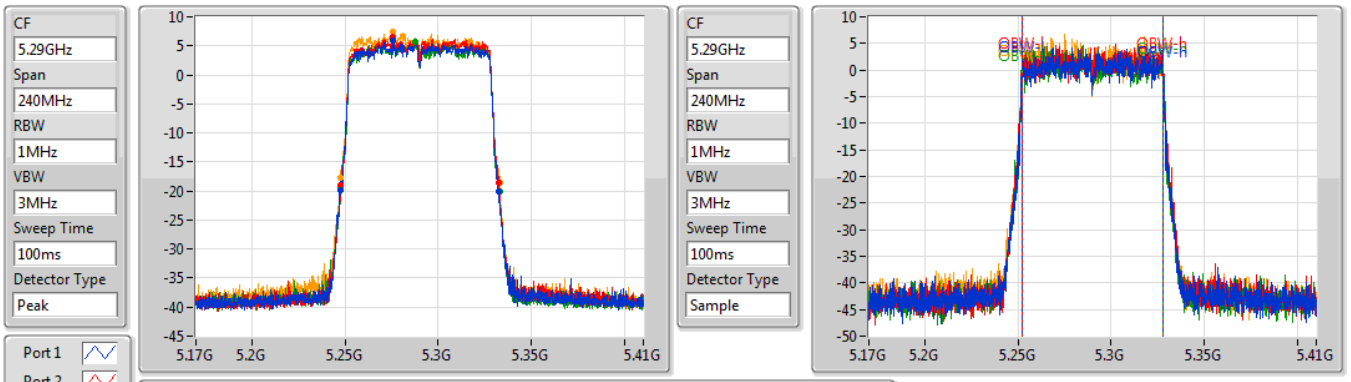


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.96M	5.65002G	5.68998G	35.922M	5.652009G	5.687931G	Inf	1
39.54M	5.65026G	5.6898G	35.862M	5.652009G	5.687871G	Inf	2
39.78M	5.65014G	5.68992G	35.982M	5.651949G	5.687931G	Inf	3
39.36M	5.65032G	5.68968G	35.982M	5.652009G	5.687991G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5290MHz

26/08/2019

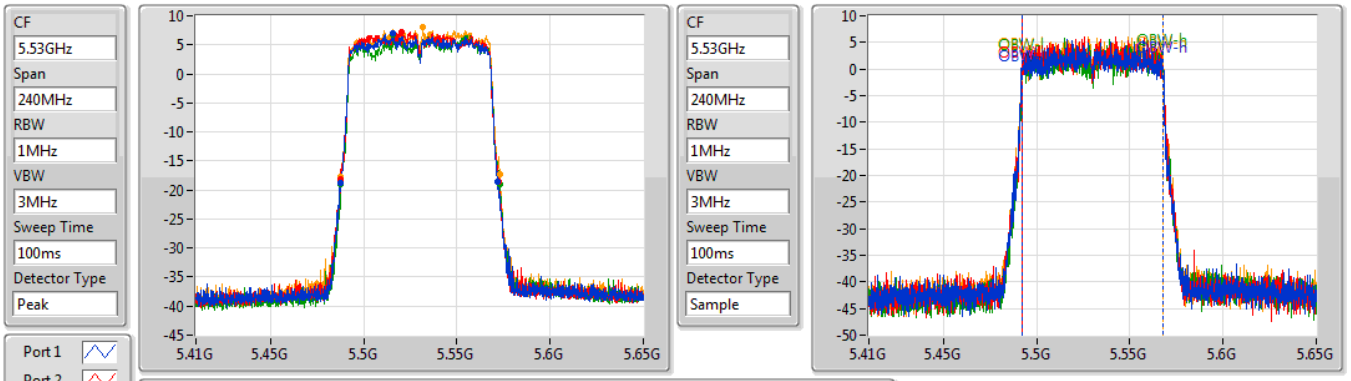


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
85.08M	5.24728G	5.33236G	75.802M	5.252099G	5.327901G	Inf	1
84.72M	5.24764G	5.33236G	75.802M	5.252099G	5.327901G	Inf	2
85.44M	5.24752G	5.33296G	75.922M	5.252099G	5.328021G	Inf	3
85.68M	5.2474G	5.33308G	75.682M	5.252099G	5.327781G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5530MHz

26/08/2019

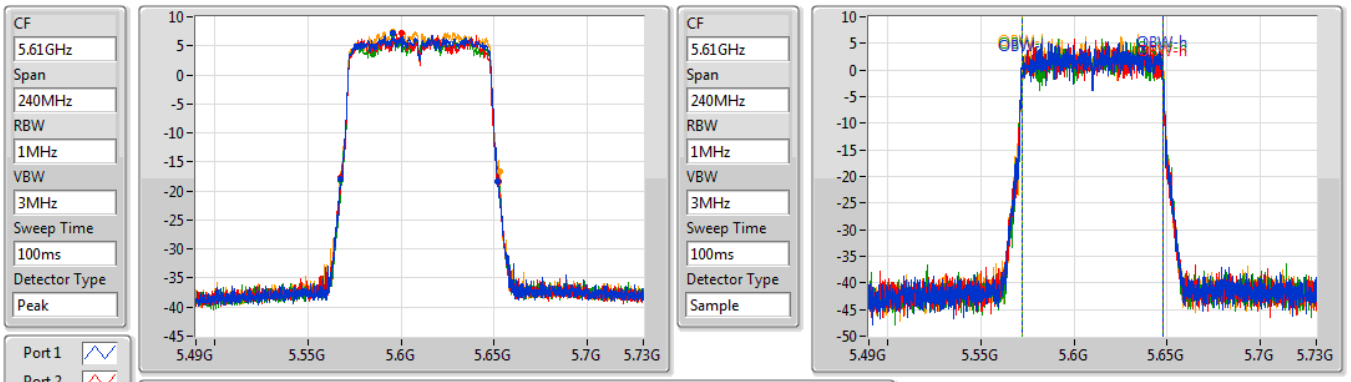


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.36M	5.4874G	5.57176G	75.802M	5.492099G	5.567901G	Inf	1
84.96M	5.48752G	5.57248G	75.802M	5.492099G	5.567901G	Inf	2
85.44M	5.48776G	5.5732G	75.802M	5.492219G	5.568021G	Inf	3
85.8M	5.4874G	5.5732G	75.922M	5.491979G	5.567901G	Inf	4

802.11ac VHT80_Nss1,(MCS0)_4TX EBW

5610MHz

26/08/2019



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
84.36M	5.56752G	5.65188G	75.682M	5.572099G	5.647781G	Inf	1
84.72M	5.56764G	5.65236G	75.562M	5.572099G	5.647661G	Inf	2
84.96M	5.56776G	5.65272G	75.922M	5.571979G	5.647901G	Inf	3
85.68M	5.56728G	5.65296G	75.802M	5.572099G	5.647901G	Inf	4

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.91	0.12331
802.11ac VHT20_Nss1,(MCS0)_4TX	21.20	0.13183
802.11ac VHT40_Nss1,(MCS0)_4TX	20.90	0.12303
802.11ac VHT80_Nss1,(MCS0)_4TX	21.03	0.12677
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.60	0.14454
802.11ac VHT20_Nss1,(MCS0)_4TX	21.89	0.15453
802.11ac VHT40_Nss1,(MCS0)_4TX	21.89	0.15453
802.11ac VHT80_Nss1,(MCS0)_4TX	21.75	0.14962

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.80	14.59	14.32	14.27	16.00	20.88	21.04
5300MHz	Pass	8.80	14.35	14.86	14.31	15.57	20.82	21.03
5320MHz	Pass	8.80	14.46	14.91	14.40	15.68	20.91	21.03
5500MHz	Pass	8.10	15.04	15.94	15.15	16.10	21.60	21.73
5580MHz	Pass	8.10	15.55	15.38	14.96	15.95	21.50	21.70
5700MHz	Pass	8.10	15.93	15.25	15.38	15.51	21.55	21.71
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.80	14.40	14.87	14.56	15.66	20.92	21.20
5300MHz	Pass	8.80	14.57	15.14	14.54	15.82	21.07	21.20
5320MHz	Pass	8.80	14.71	15.31	14.60	15.95	21.20	21.20
5500MHz	Pass	8.10	15.39	16.24	15.57	16.21	21.89	21.90
5580MHz	Pass	8.10	15.75	15.76	15.14	16.43	21.81	21.90
5700MHz	Pass	8.10	16.14	15.43	15.68	15.87	21.81	21.90
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.80	14.76	14.60	14.26	15.47	20.82	21.20
5310MHz	Pass	8.80	14.53	15.04	14.18	15.64	20.90	21.20
5510MHz	Pass	8.10	15.60	16.28	15.26	16.19	21.87	21.90
5550MHz	Pass	8.10	15.55	16.04	15.30	16.44	21.88	21.90
5670MHz	Pass	8.10	15.74	15.64	15.83	16.23	21.89	21.90
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.80	14.53	15.19	14.37	15.80	21.03	21.20
5530MHz	Pass	8.10	15.35	16.04	15.14	16.29	21.75	21.90
5610MHz	Pass	8.10	15.24	15.49	15.16	16.27	21.58	21.90

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

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.97
802.11ac VHT20_Nss1,(MCS0)_4TX	7.71
802.11ac VHT40_Nss1,(MCS0)_4TX	4.69
802.11ac VHT80_Nss1,(MCS0)_4TX	1.68
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.49
802.11ac VHT20_Nss1,(MCS0)_4TX	8.44
802.11ac VHT40_Nss1,(MCS0)_4TX	5.87
802.11ac VHT80_Nss1,(MCS0)_4TX	2.56

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

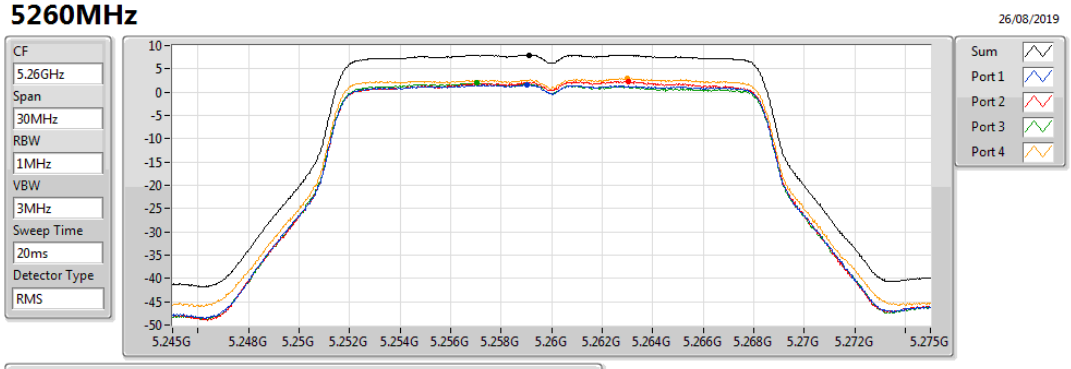
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.80	1.61	2.31	1.92	2.97	7.97	8.20
5300MHz	Pass	8.80	1.41	1.92	1.41	2.56	7.63	8.20
5320MHz	Pass	8.80	1.51	2.02	1.55	2.62	7.77	8.20
5500MHz	Pass	8.10	2.17	3.08	2.32	3.20	8.47	8.90
5580MHz	Pass	8.10	2.52	2.20	2.51	3.18	8.45	8.90
5700MHz	Pass	8.10	2.89	2.45	2.86	2.83	8.49	8.90
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.80	1.06	1.69	1.41	2.47	7.45	8.20
5300MHz	Pass	8.80	1.18	1.97	1.54	2.47	7.62	8.20
5320MHz	Pass	8.80	1.34	2.00	1.56	2.62	7.71	8.20
5500MHz	Pass	8.10	2.08	3.02	2.32	3.12	8.34	8.90
5580MHz	Pass	8.10	2.54	2.13	2.50	3.15	8.44	8.90
5700MHz	Pass	8.10	2.80	2.43	2.75	2.88	8.39	8.90
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.80	-1.37	-1.00	-1.54	-0.63	4.69	8.20
5310MHz	Pass	8.80	-1.66	-0.92	-1.61	-0.45	4.63	8.20
5510MHz	Pass	8.10	-0.32	0.44	-0.11	0.58	5.87	8.90
5550MHz	Pass	8.10	-0.46	0.17	-0.25	0.67	5.80	8.90
5670MHz	Pass	8.10	-0.25	-0.32	0.12	0.46	5.72	8.90
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.80	-4.69	-4.19	-4.40	-3.47	1.68	8.20
5530MHz	Pass	8.10	-3.78	-3.03	-3.62	-3.02	2.56	8.90
5610MHz	Pass	8.10	-3.35	-3.64	-3.76	-2.75	2.27	8.90

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

802.11a_Nss1,(6Mbps)_4TX PSD

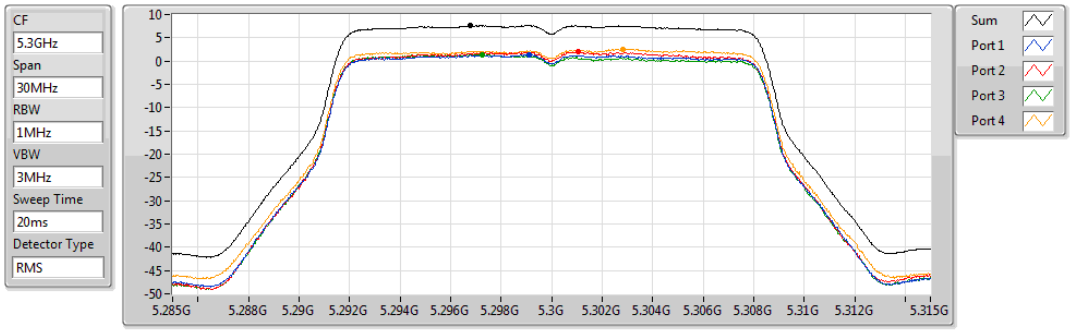
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	1.61	2.31	1.92	2.97

802.11a_Nss1,(6Mbps)_4TX PSD

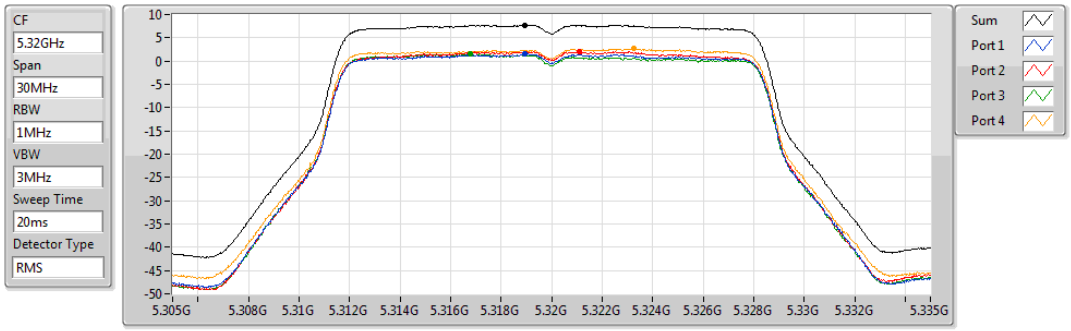
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	1.41	1.92	1.41	2.56

802.11a_Nss1,(6Mbps)_4TX PSD

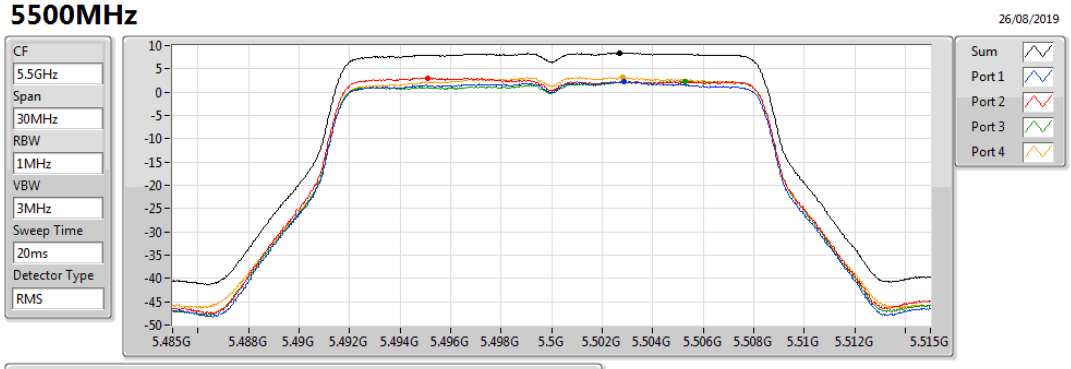
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	1.51	2.02	1.55	2.62

802.11a_Nss1,(6Mbps)_4TX PSD

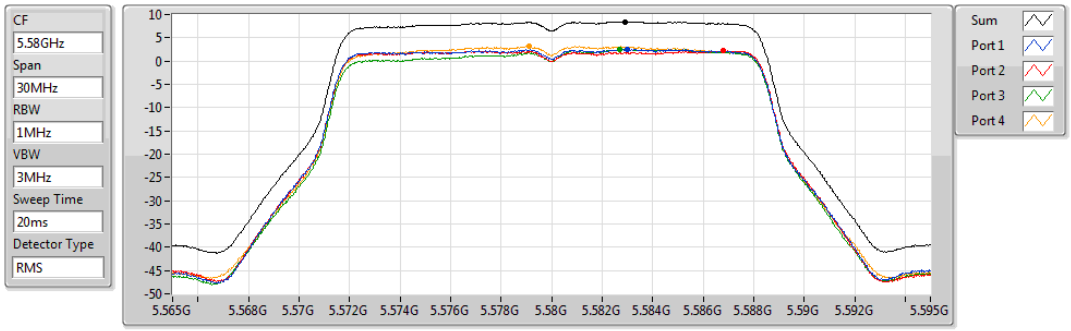
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	2.17	3.08	2.32	3.20

802.11a_Nss1,(6Mbps)_4TX PSD

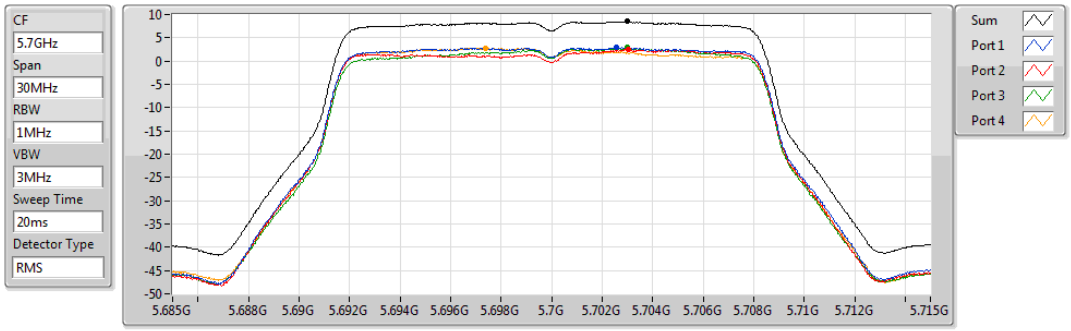
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	2.52	2.20	2.51	3.18

802.11a_Nss1,(6Mbps)_4TX PSD

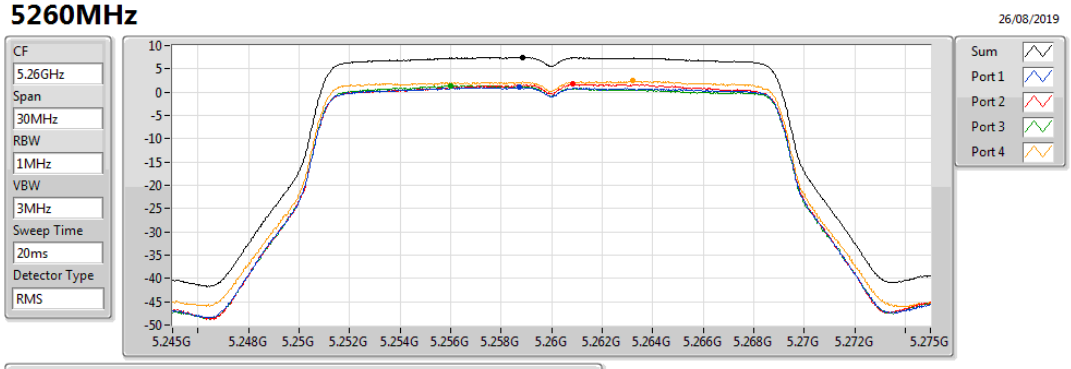
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.49	8.49	2.89	2.45	2.86	2.83

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

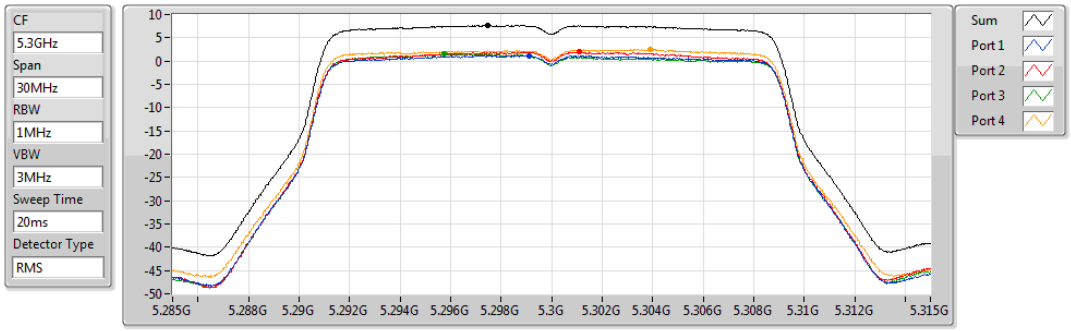
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	1.06	1.69	1.41	2.47

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

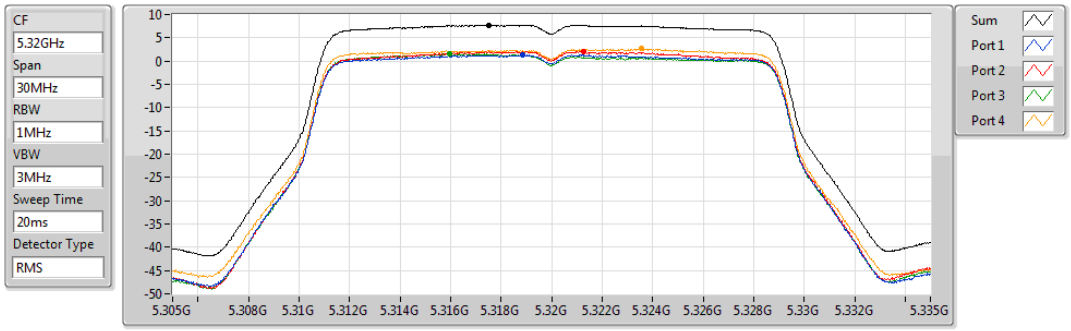
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62	1.18	1.97	1.54	2.47

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

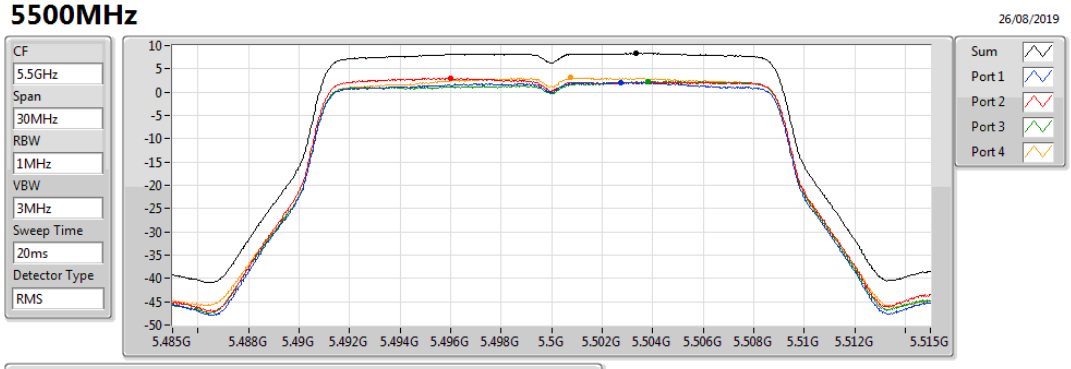
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	1.34	2.00	1.56	2.62

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

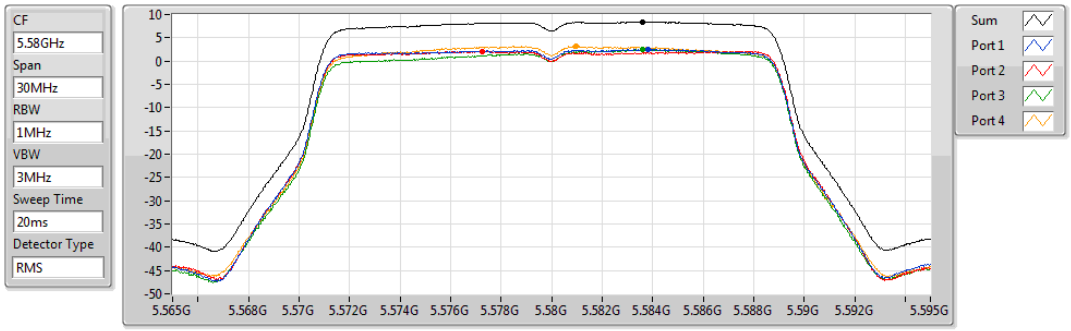
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	2.08	3.02	2.32	3.12

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

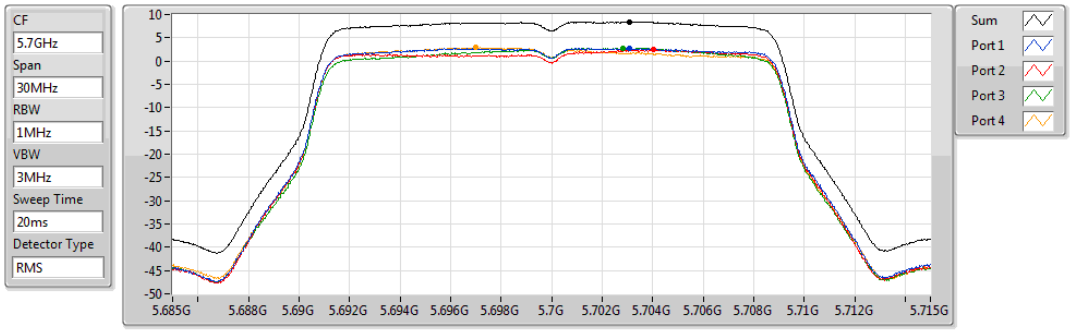
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.44	8.44	2.54	2.13	2.50	3.15

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

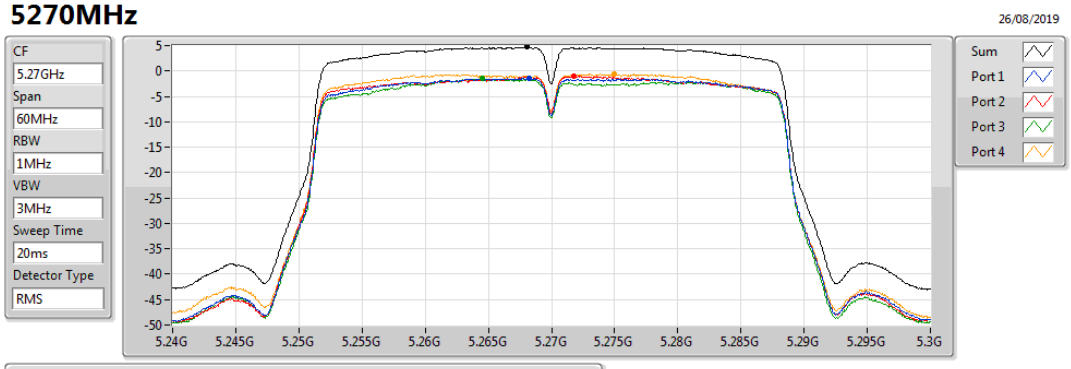
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	2.80	2.43	2.75	2.88

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

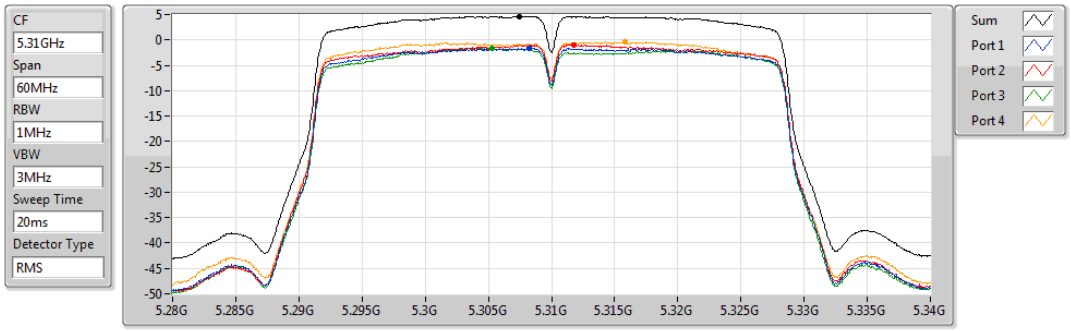
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	-1.37	-1.00	-1.54	-0.63

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

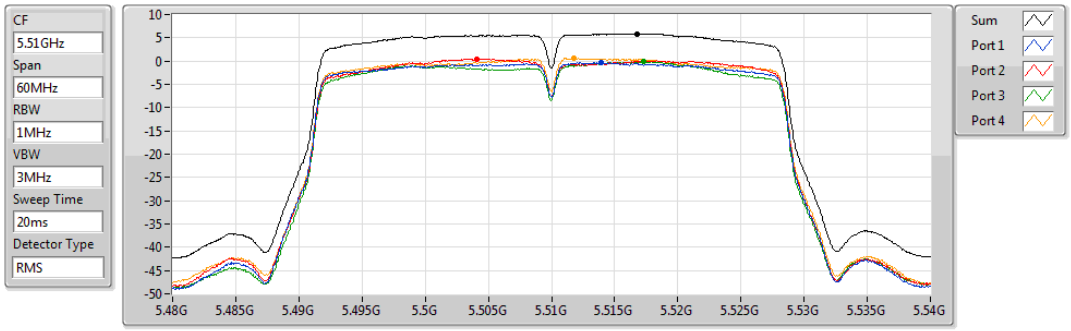
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	-1.66	-0.92	-1.61	-0.45

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

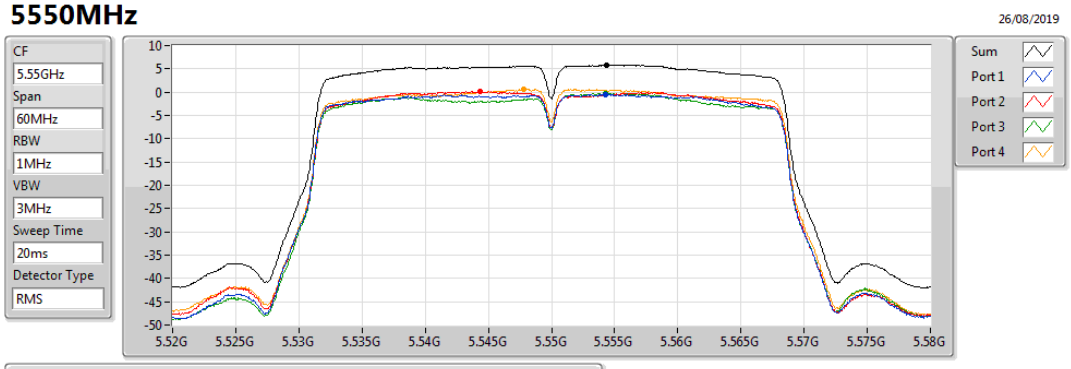
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	-0.32	0.44	-0.11	0.58

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

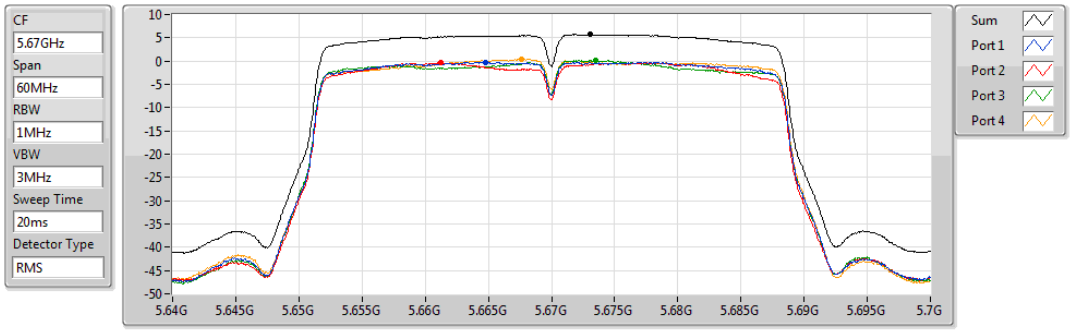
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.80	5.80	-0.46	0.17	-0.25	0.67

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

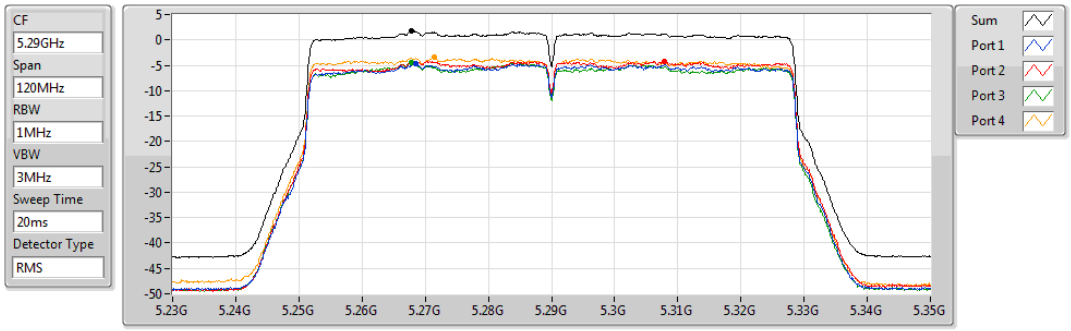
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.72	5.72	-0.25	-0.32	0.12	0.46

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

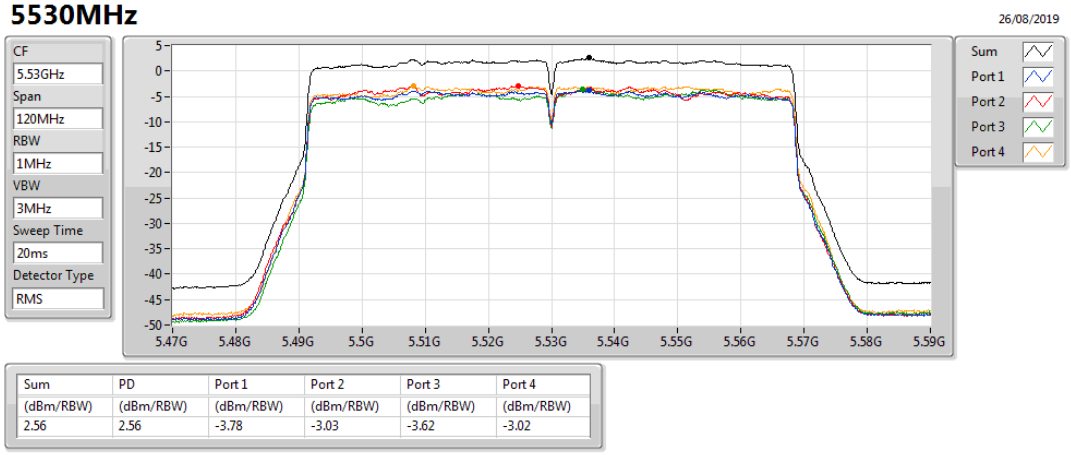
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.68	1.68	-4.69	-4.19	-4.40	-3.47

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

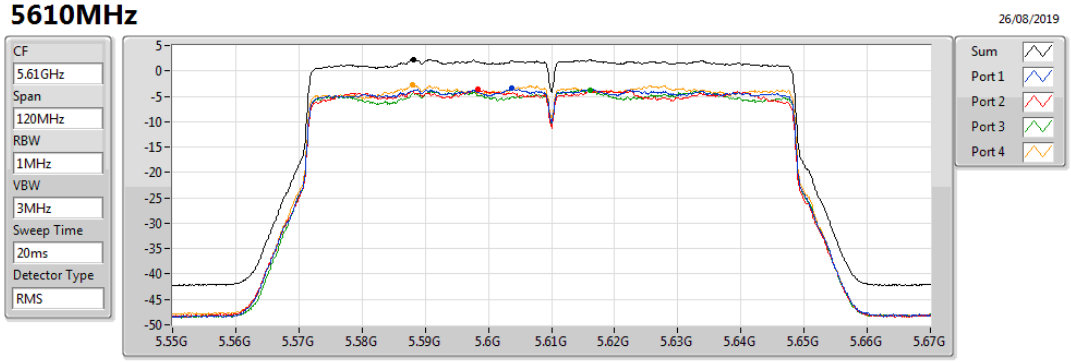
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.56	2.56	-3.78	-3.03	-3.62	-3.02

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	-3.35	-3.64	-3.76	-2.75

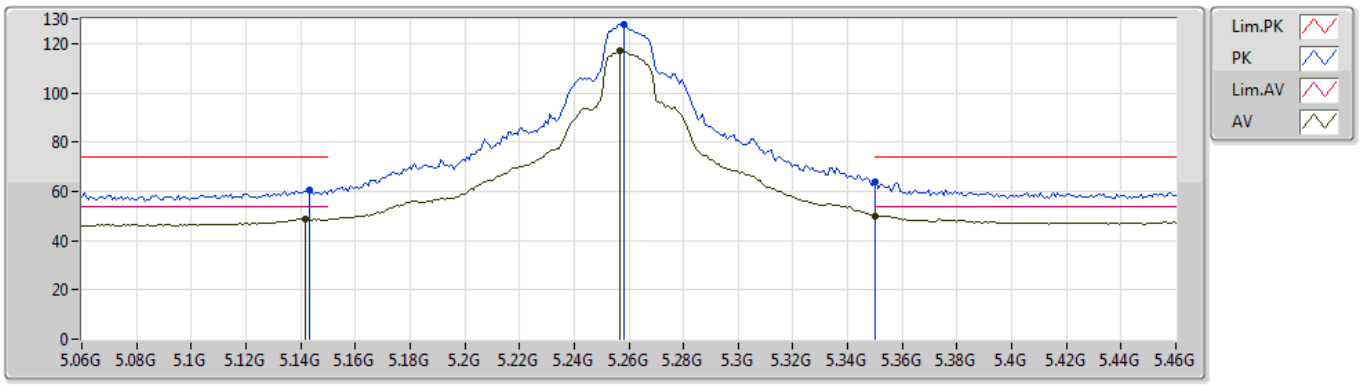
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ac VHT20_Nss1,(MCS0)_4TX	Pass	AV	5.3524G	53.96	54.00	-0.04	5.81	3	Vertical	248	2.45	-

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

26/08/2019



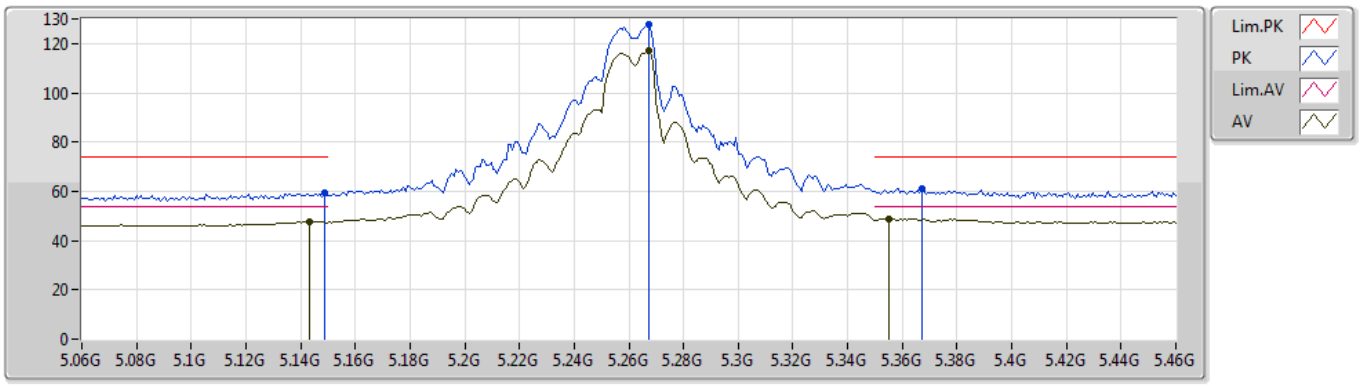
EUT Y_4TX
Setting 27
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1432G	60.63	74.00	-13.37	5.48	3	Vertical	304	2.51	-	55.15
AV	5.1416G	48.93	54.00	-5.07	5.48	3	Vertical	304	2.51	-	43.45
PK	5.2584G	127.97	Inf	-Inf	5.73	3	Vertical	304	2.51	-	122.24
AV	5.2568G	117.18	Inf	-Inf	5.72	3	Vertical	304	2.51	-	111.46
PK	5.35G	63.87	74.00	-10.13	5.81	3	Vertical	304	2.51	-	58.06
AV	5.35G	50.13	54.00	-3.87	5.81	3	Vertical	304	2.51	-	44.32

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

26/08/2019



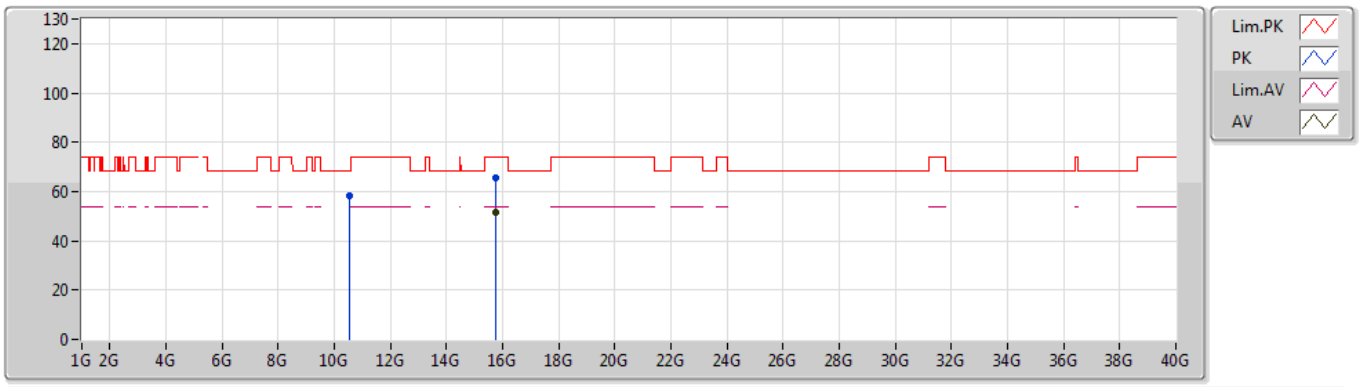
EUT Y_4TX
Setting 27
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1488G	59.41	74.00	-14.59	5.50	3	Horizontal	37	2.23	-	53.91
AV	5.1432G	47.67	54.00	-6.33	5.48	3	Horizontal	37	2.23	-	42.19
PK	5.2672G	127.52	Inf	-Inf	5.74	3	Horizontal	37	2.23	-	121.78
AV	5.2672G	117.04	Inf	-Inf	5.74	3	Horizontal	37	2.23	-	111.30
PK	5.3672G	60.81	74.00	-13.19	5.82	3	Horizontal	37	2.23	-	54.99
AV	5.3552G	48.96	54.00	-5.04	5.82	3	Horizontal	37	2.23	-	43.14

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

26/08/2019



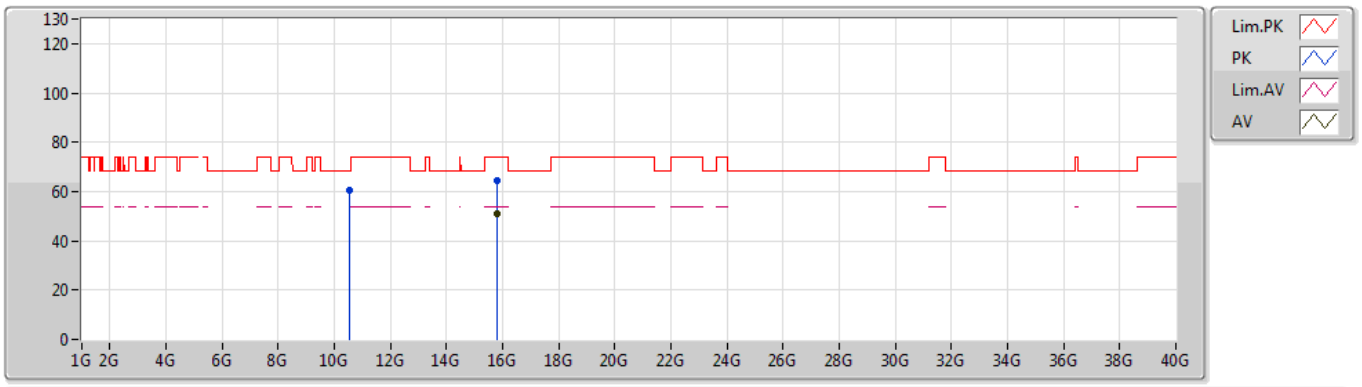
EUT Y_4TX
Setting 27
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.51856G	58.40	68.20	-9.80	12.32	3	Vertical	162	2.96	-	46.08
PK	15.77514G	65.54	74.00	-8.46	13.54	3	Vertical	173	1.72	-	52.00
AV	15.77514G	51.30	54.00	-2.70	13.54	3	Vertical	173	1.72	-	37.76

802.11a_Nss1,(6Mbps)_4TX

5260MHz_TX

26/08/2019



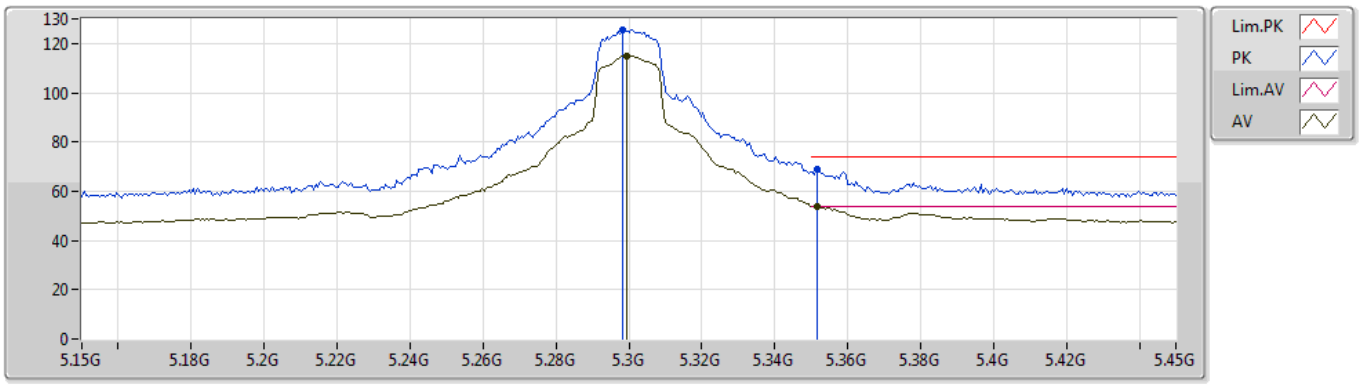
EUT Y_4TX
Setting 27
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.52138G	60.28	68.20	-7.92	12.32	3	Horizontal	132	2.29	-	47.96
PK	15.78402G	64.53	74.00	-9.47	13.53	3	Horizontal	204	1.26	-	51.00
AV	15.78426G	51.19	54.00	-2.81	13.53	3	Horizontal	204	1.26	-	37.66

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

24/08/2019



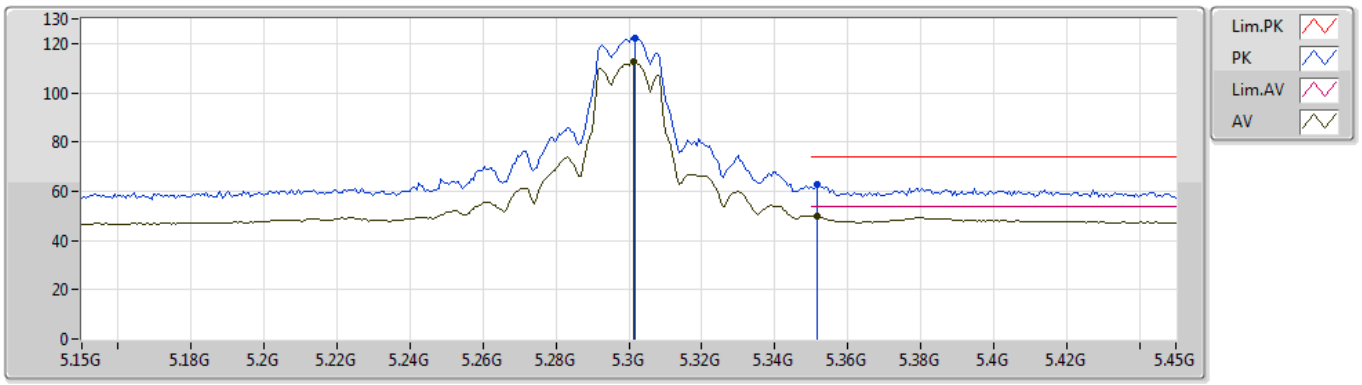
EUT Y_4TX
Setting 25
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.2982G	125.57	Inf	-Inf	5.79	3	Vertical	309	2.48	-	119.78
AV	5.2994G	114.94	Inf	-Inf	5.79	3	Vertical	309	2.48	-	109.15
PK	5.3516G	69.10	74.00	-4.90	5.81	3	Vertical	309	2.48	-	63.29
AV	5.3516G	53.95	54.00	-0.05	5.81	3	Vertical	309	2.48	-	48.14

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

24/08/2019



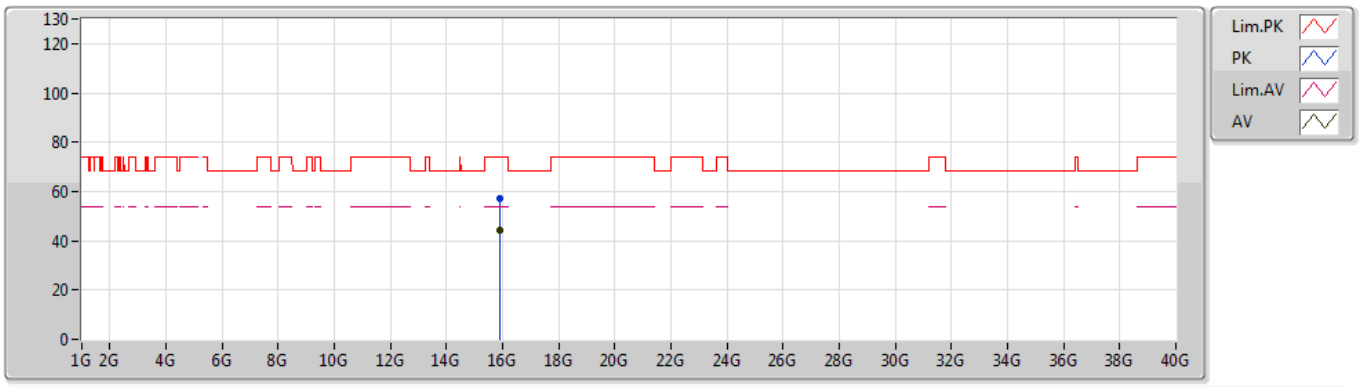
EUT Y_4TX
Setting 25
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3018G	122.36	Inf	-Inf	5.79	3	Horizontal	48	2.70	-	116.57
AV	5.3012G	112.42	Inf	-Inf	5.79	3	Horizontal	48	2.70	-	106.63
PK	5.3516G	62.86	74.00	-11.14	5.81	3	Horizontal	48	2.70	-	57.05
AV	5.3516G	50.04	54.00	-3.96	5.81	3	Horizontal	48	2.70	-	44.23

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

24/08/2019



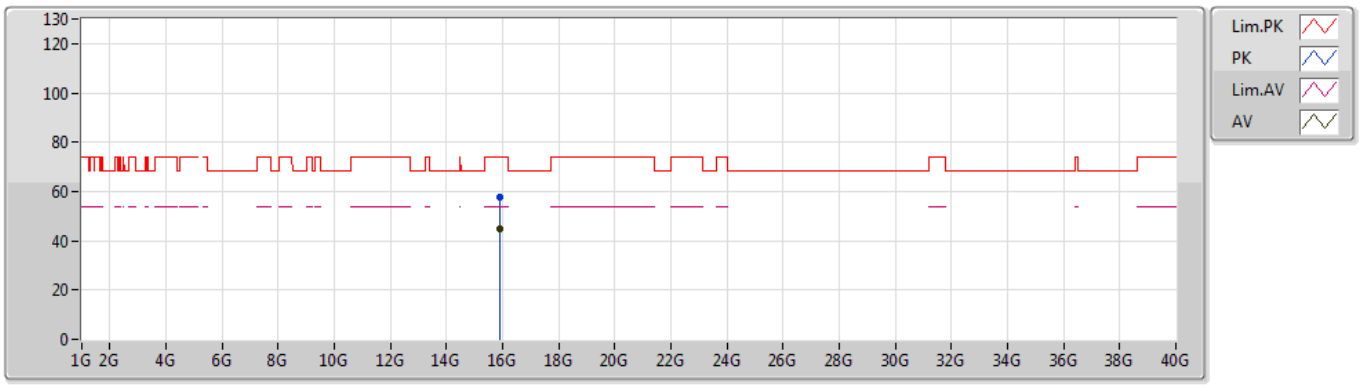
EUT Y_4TX
Setting 25
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.9062G	57.32	74.00	-16.68	13.07	3	Vertical	141	1.50	-	44.25
AV	15.90688G	44.17	54.00	-9.83	13.07	3	Vertical	141	1.50	-	31.10

802.11a_Nss1,(6Mbps)_4TX

5300MHz_TX

24/08/2019



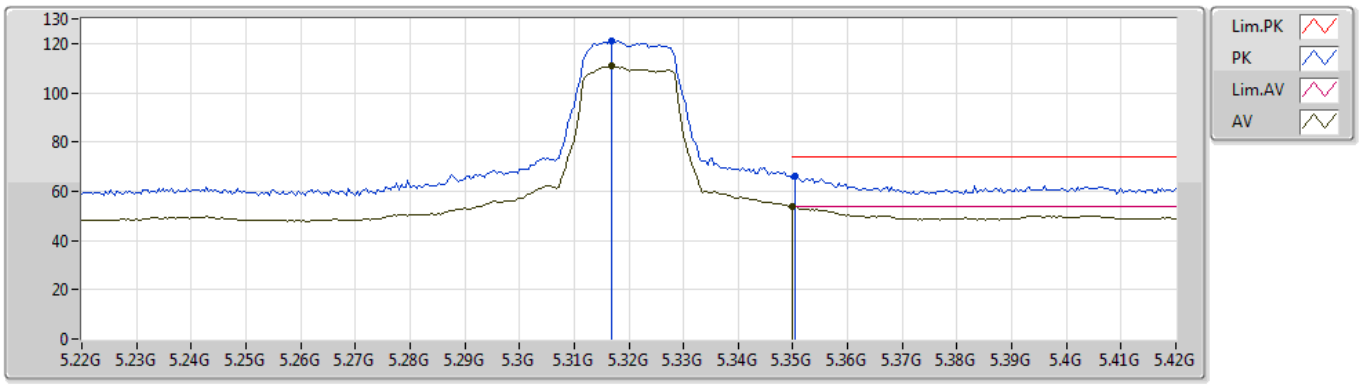
EUT Y_4TX
Setting 25
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.90072G	57.74	74.00	-16.26	13.10	3	Horizontal	41	1.50	-	44.64
AV	15.902G	44.62	54.00	-9.38	13.09	3	Horizontal	41	1.50	-	31.53

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

23/08/2019



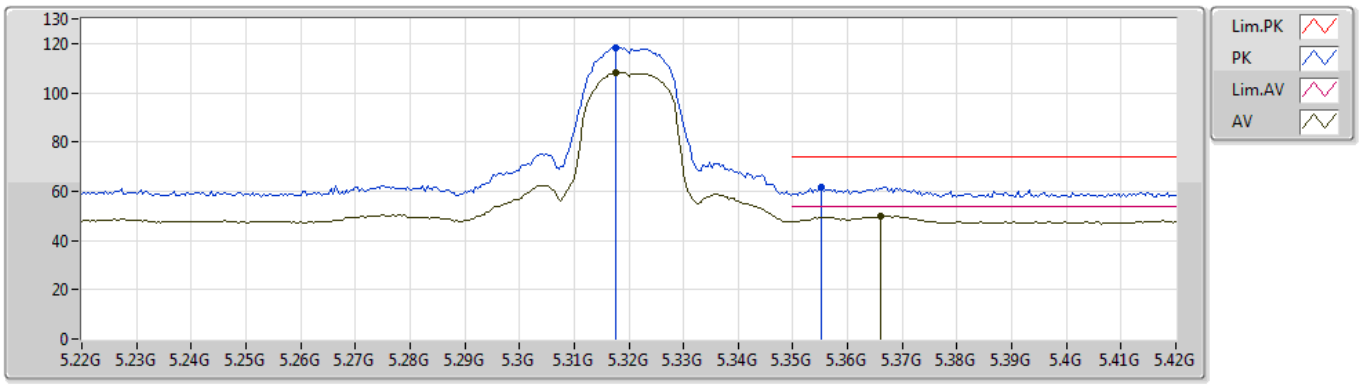
EUT Y_4TX
Setting 20
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3168G	121.27	Inf	-Inf	5.80	3	Vertical	271	2.20	-	115.47
AV	5.3168G	110.83	Inf	-Inf	5.80	3	Vertical	271	2.20	-	105.03
PK	5.3504G	66.15	74.00	-7.85	5.81	3	Vertical	271	2.20	-	60.34
AV	5.35G	53.90	54.00	-0.10	5.81	3	Vertical	271	2.20	-	48.09

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

23/08/2019



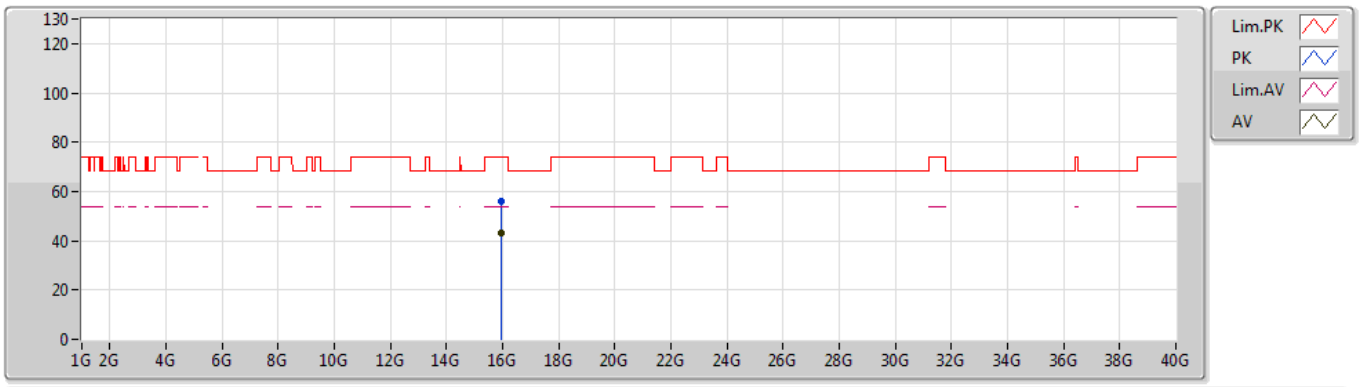
EUT Y_4TX
Setting 20
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3176G	118.25	Inf	-Inf	5.80	3	Horizontal	125	1.99	-	112.45
AV	5.3176G	108.12	Inf	-Inf	5.80	3	Horizontal	125	1.99	-	102.32
PK	5.3552G	61.58	74.00	-12.42	5.82	3	Horizontal	125	1.99	-	55.76
AV	5.366G	49.81	54.00	-4.19	5.82	3	Horizontal	125	1.99	-	43.99

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

24/08/2019



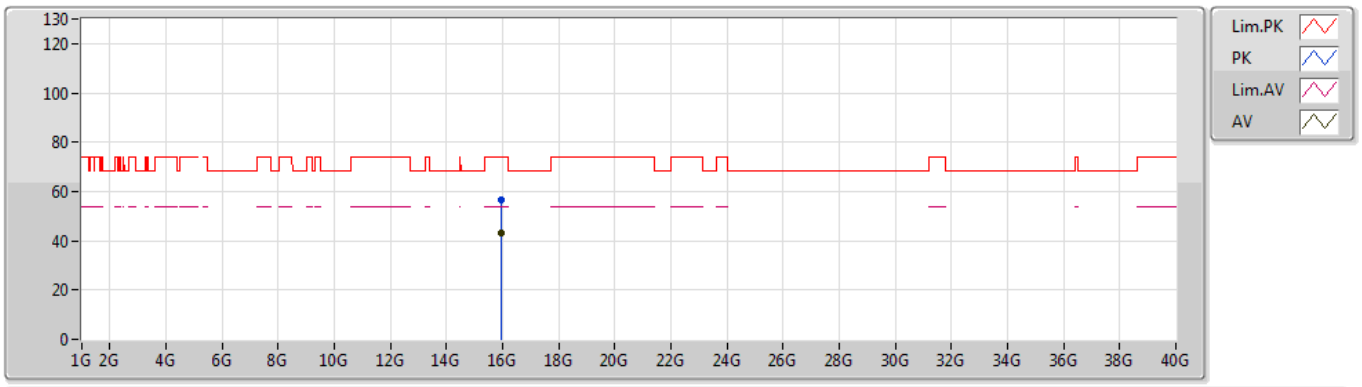
EUT Y_4TX
Setting 20
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.9632G	56.16	74.00	-17.84	12.88	3	Vertical	213	1.50	-	43.28
AV	15.96744G	42.89	54.00	-11.11	12.86	3	Vertical	213	1.50	-	30.03

802.11a_Nss1,(6Mbps)_4TX

5320MHz_TX

24/08/2019



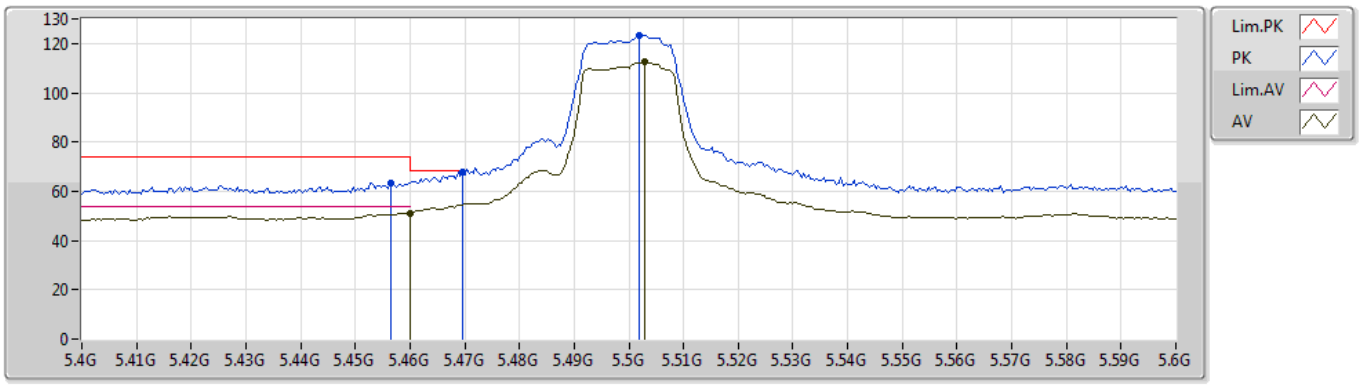
EUT Y_4TX
Setting 20
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.96644G	56.41	74.00	-17.59	12.86	3	Horizontal	71	1.50	-	43.55
AV	15.96356G	43.15	54.00	-10.85	12.88	3	Horizontal	71	1.50	-	30.27

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

24/08/2019



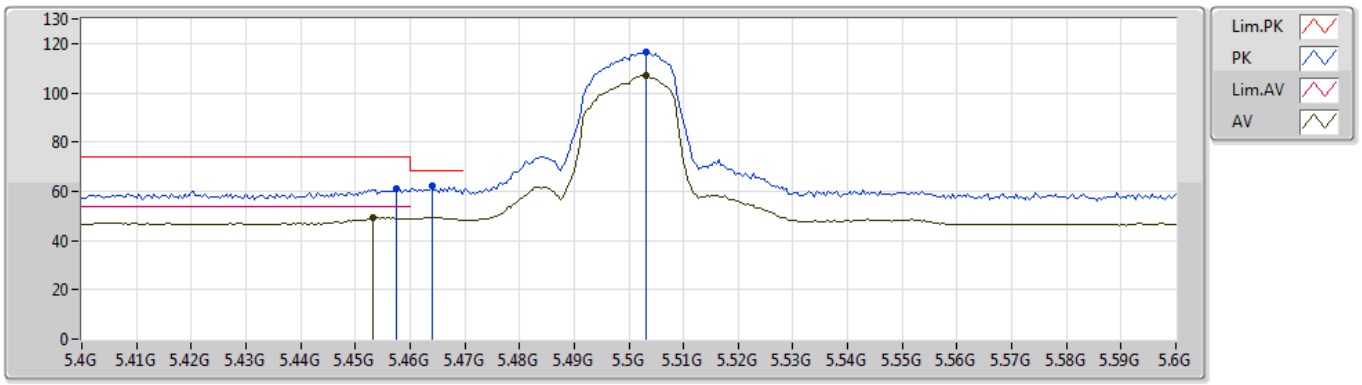
EUT Y_4TX
Setting 20.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4564G	63.46	74.00	-10.54	6.00	3	Vertical	251	2.24	-	57.46
AV	5.46G	51.25	54.00	-2.75	6.01	3	Vertical	251	2.24	-	45.24
PK	5.4696G	68.08	68.20	-0.12	6.04	3	Vertical	251	2.24	-	62.04
PK	5.502G	123.55	Inf	-Inf	6.12	3	Vertical	251	2.24	-	117.43
AV	5.5028G	112.54	Inf	-Inf	6.12	3	Vertical	251	2.24	-	106.42

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

24/08/2019



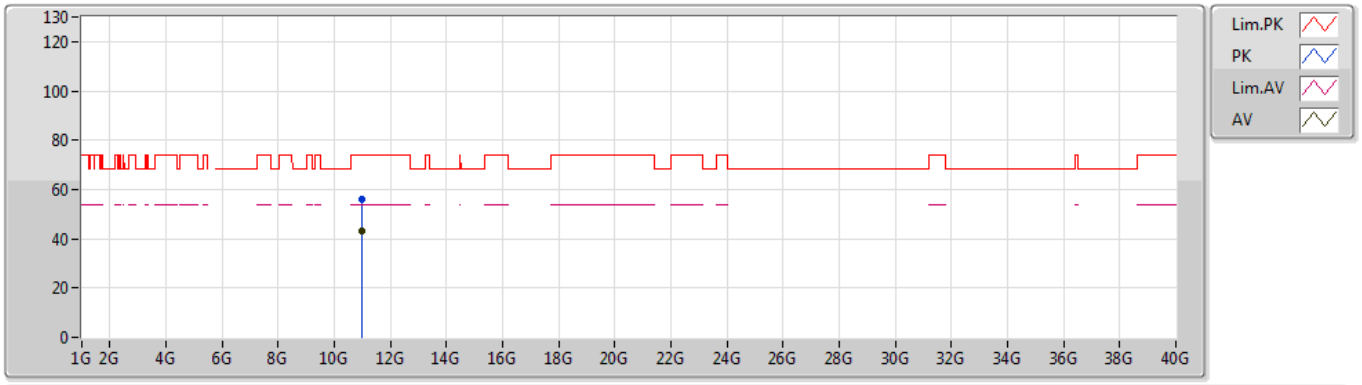
EUT Y_4TX
Setting 20.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4576G	61.30	74.00	-12.70	6.00	3	Horizontal	115	2.67	-	55.30
AV	5.4532G	49.17	54.00	-4.83	5.99	3	Horizontal	115	2.67	-	43.18
PK	5.464G	62.22	68.20	-5.98	6.02	3	Horizontal	115	2.67	-	56.20
PK	5.5032G	116.83	Inf	-Inf	6.13	3	Horizontal	115	2.67	-	110.70
AV	5.5032G	106.89	Inf	-Inf	6.13	3	Horizontal	115	2.67	-	100.76

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

24/08/2019



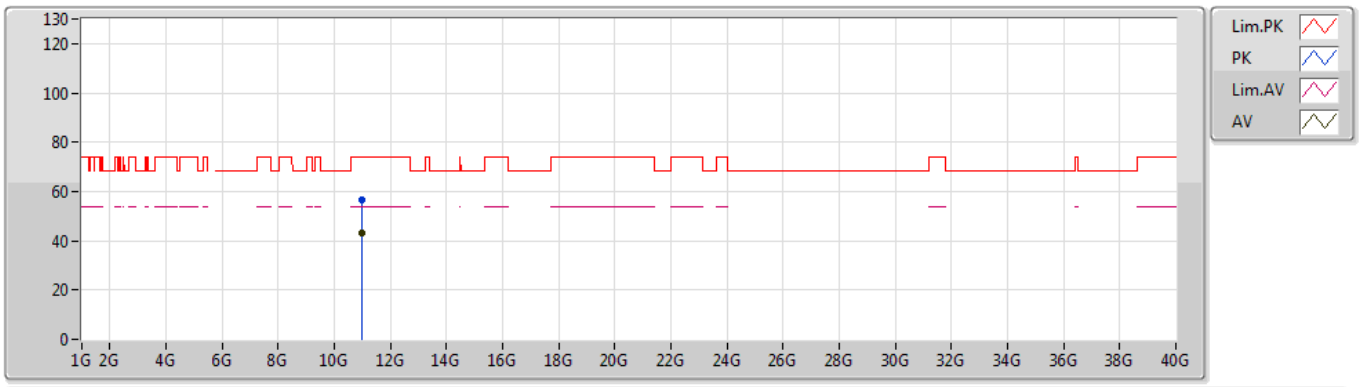
EUT Y_4TX
Setting 20.5
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.99936G	56.28	74.00	-17.72	12.74	3	Vertical	199	1.22	-	43.54
AV	10.99988G	43.13	54.00	-10.87	12.74	3	Vertical	199	1.22	-	30.39

802.11a_Nss1,(6Mbps)_4TX

5500MHz_TX

24/08/2019



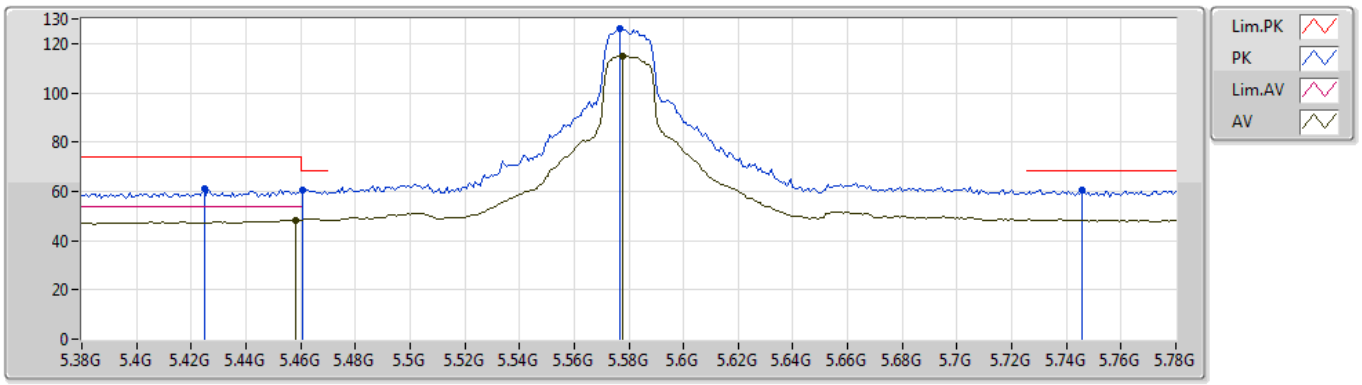
EUT Y_4TX
Setting 20.5
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.00024G	56.45	74.00	-17.55	12.74	3	Horizontal	127	1.50	-	43.71
AV	10.99972G	43.27	54.00	-10.73	12.74	3	Horizontal	127	1.50	-	30.53

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

24/08/2019



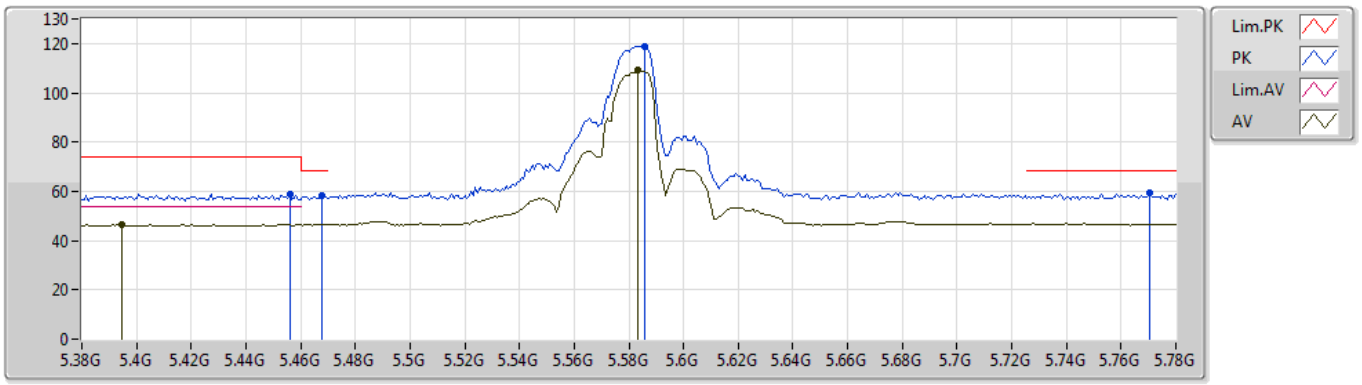
EUT Y_4TX
Setting 25
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4248G	61.00	74.00	-13.00	5.90	3	Vertical	280	2.16	-	55.10
PK	5.4608G	60.51	68.20	-7.69	6.01	3	Vertical	280	2.16	-	54.50
AV	5.4584G	48.43	54.00	-5.57	6.01	3	Vertical	280	2.16	-	42.42
PK	5.5768G	125.81	Inf	-Inf	6.15	3	Vertical	280	2.16	-	119.66
AV	5.5776G	115.13	Inf	-Inf	6.15	3	Vertical	280	2.16	-	108.98
PK	5.7456G	60.58	68.20	-7.62	5.86	3	Vertical	280	2.16	-	54.72

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

24/08/2019



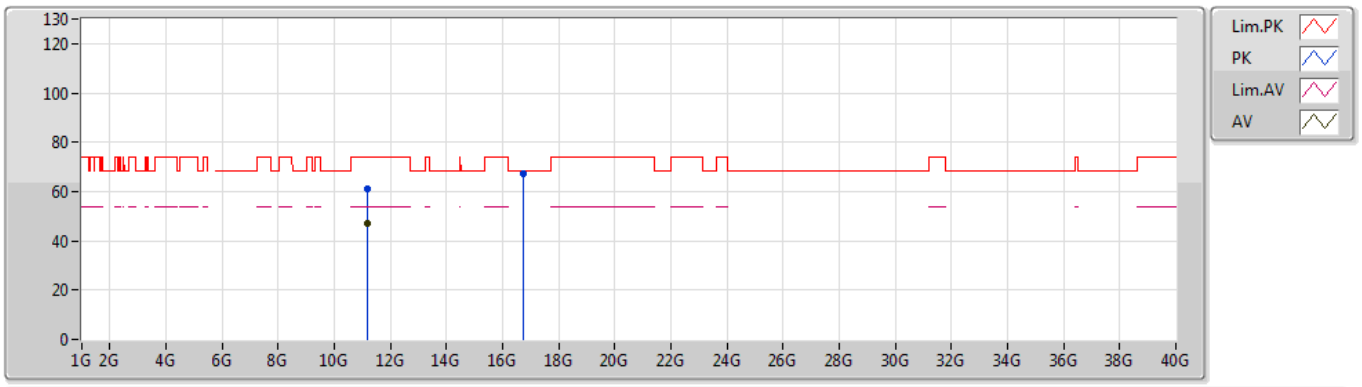
EUT Y_4TX
Setting 25
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.456G	58.88	74.00	-15.12	6.00	3	Horizontal	113	2.84	-	52.88
AV	5.3944G	46.49	54.00	-7.51	5.83	3	Horizontal	113	2.84	-	40.66
PK	5.468G	58.02	68.20	-10.18	6.03	3	Horizontal	113	2.84	-	51.99
PK	5.5856G	118.92	Inf	-Inf	6.16	3	Horizontal	113	2.84	-	112.76
AV	5.5832G	109.08	Inf	-Inf	6.16	3	Horizontal	113	2.84	-	102.92
PK	5.7704G	59.58	68.20	-8.62	5.83	3	Horizontal	113	2.84	-	53.75

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

24/08/2019



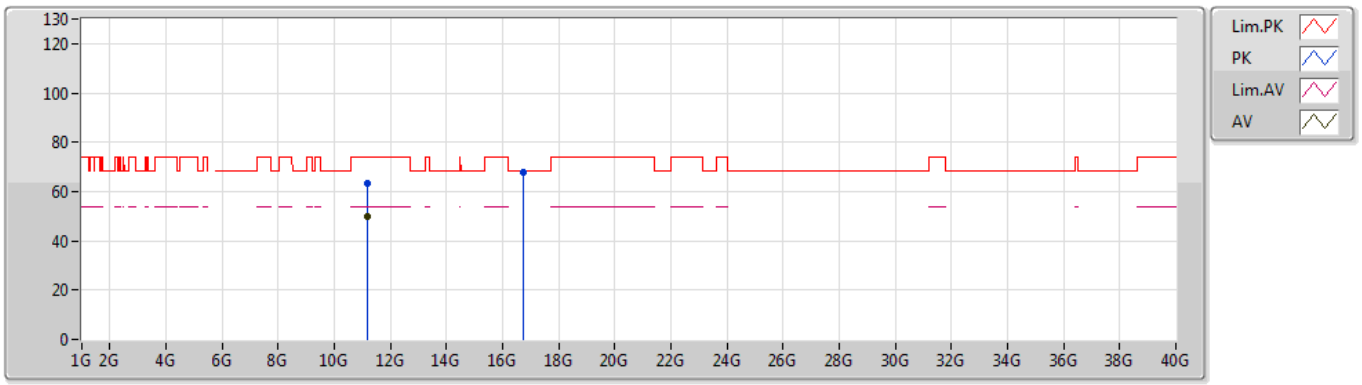
EUT Y_4TX
Setting 25
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.16484G	61.25	74.00	-12.75	12.83	3	Vertical	157	1.61	-	48.42
AV	11.16616G	47.09	54.00	-6.91	12.83	3	Vertical	157	1.61	-	34.26
PK	16.73652G	67.02	68.20	-1.18	15.24	3	Vertical	140	2.70	-	51.78

802.11a_Nss1,(6Mbps)_4TX

5580MHz_TX

24/08/2019



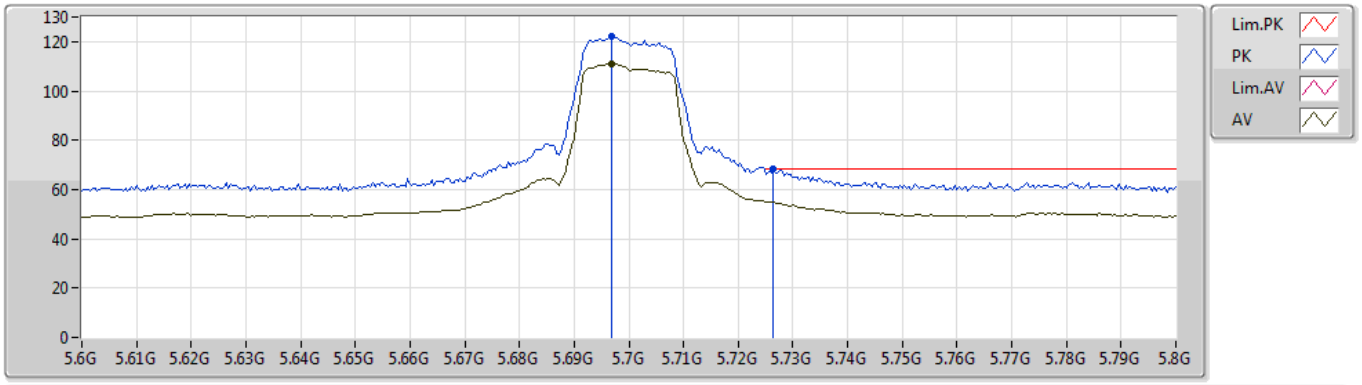
EUT Y_4TX
Setting 25
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.162G	63.28	74.00	-10.72	12.82	3	Horizontal	219	1.52	-	50.46
AV	11.162G	49.66	54.00	-4.34	12.82	3	Horizontal	219	1.52	-	36.84
PK	16.74076G	67.85	68.20	-0.35	15.25	3	Horizontal	117	1.50	-	52.60

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

24/08/2019



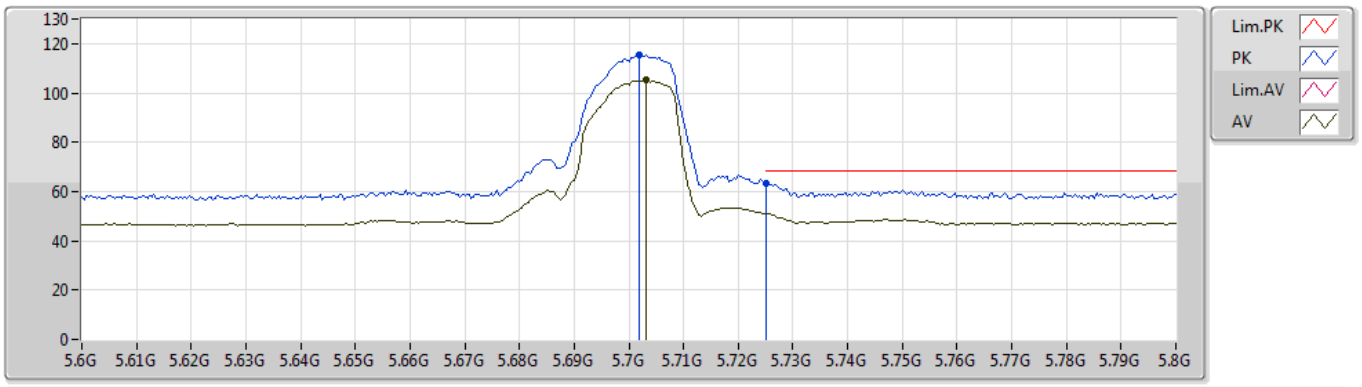
EUT Y_4TX
Setting 19
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.6968G	122.11	Inf	-Inf	5.93	3	Vertical	278	2.28	-	116.18
AV	5.6968G	110.90	Inf	-Inf	5.93	3	Vertical	278	2.28	-	104.97
PK	5.7264G	68.13	68.20	-0.07	5.89	3	Vertical	278	2.28	-	62.24

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

24/08/2019



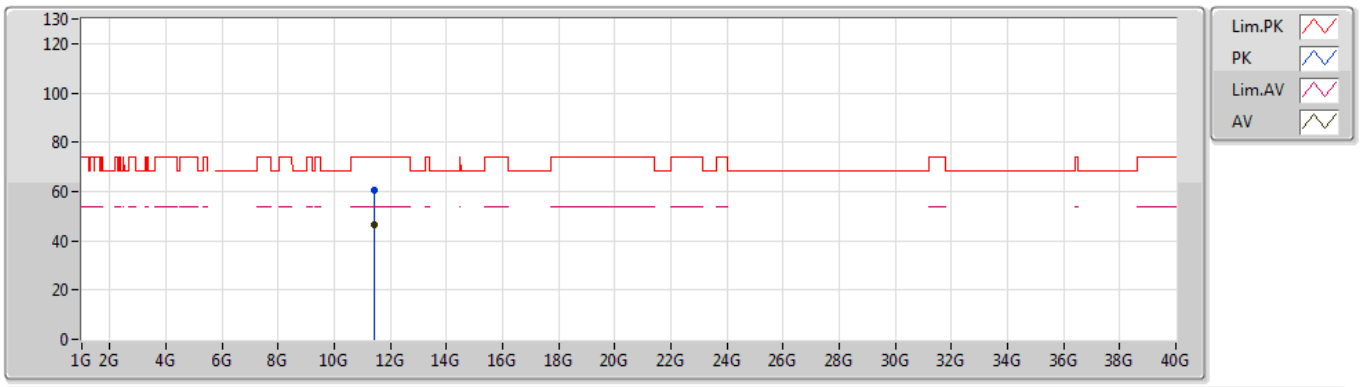
EUT Y_4TX
Setting 19
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.702G	115.47	Inf	-Inf	5.93	3	Horizontal	112	2.91	-	109.54
AV	5.7032G	105.14	Inf	-Inf	5.93	3	Horizontal	112	2.91	-	99.21
PK	5.7252G	63.36	68.20	-4.84	5.89	3	Horizontal	112	2.91	-	57.47

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

24/08/2019



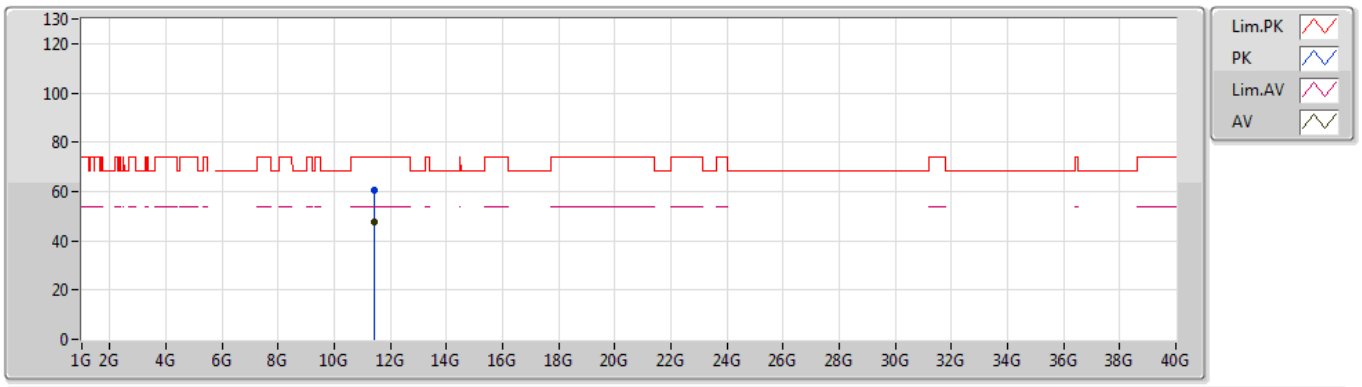
EUT Y_4TX
Setting 19
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.40604G	60.28	74.00	-13.72	12.96	3	Vertical	155	2.97	-	47.32
AV	11.40588G	46.47	54.00	-7.53	12.96	3	Vertical	155	2.97	-	33.51

802.11a_Nss1,(6Mbps)_4TX

5700MHz_TX

24/08/2019



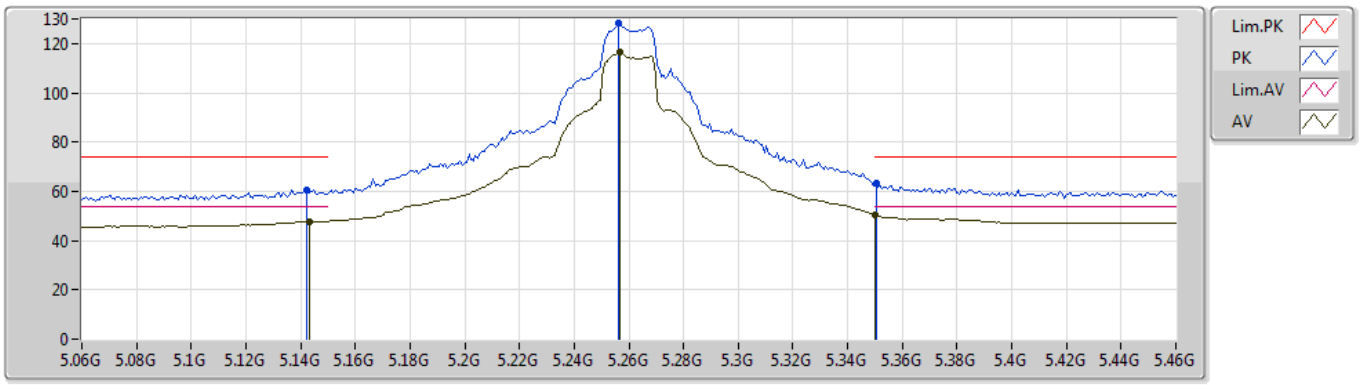
EUT Y_4TX
Setting 19
03-L-2
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.40724G	60.72	74.00	-13.28	12.96	3	Horizontal	214	1.54	-	47.76
AV	11.40752G	47.54	54.00	-6.46	12.96	3	Horizontal	214	1.54	-	34.58

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX

26/08/2019



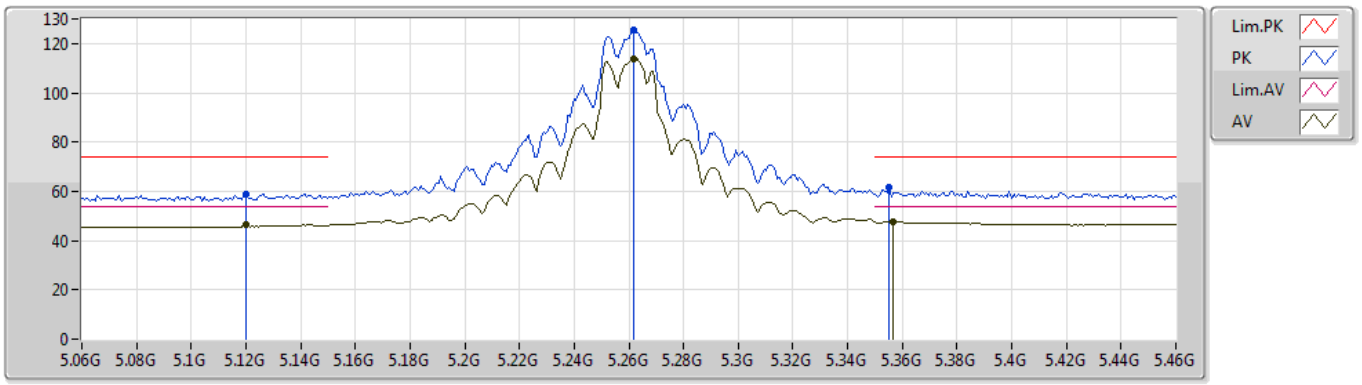
EUT Y_4TX
Setting 27
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1424G	60.52	74.00	-13.48	5.48	3	Vertical	269	2.29	-	55.04
AV	5.1432G	47.84	54.00	-6.16	5.48	3	Vertical	269	2.29	-	42.36
PK	5.256G	128.07	Inf	-Inf	5.72	3	Vertical	269	2.29	-	122.35
AV	5.2568G	116.37	Inf	-Inf	5.72	3	Vertical	269	2.29	-	110.65
PK	5.3504G	63.07	74.00	-10.93	5.81	3	Vertical	269	2.29	-	57.26
AV	5.35G	50.20	54.00	-3.80	5.81	3	Vertical	269	2.29	-	44.39

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX

26/08/2019



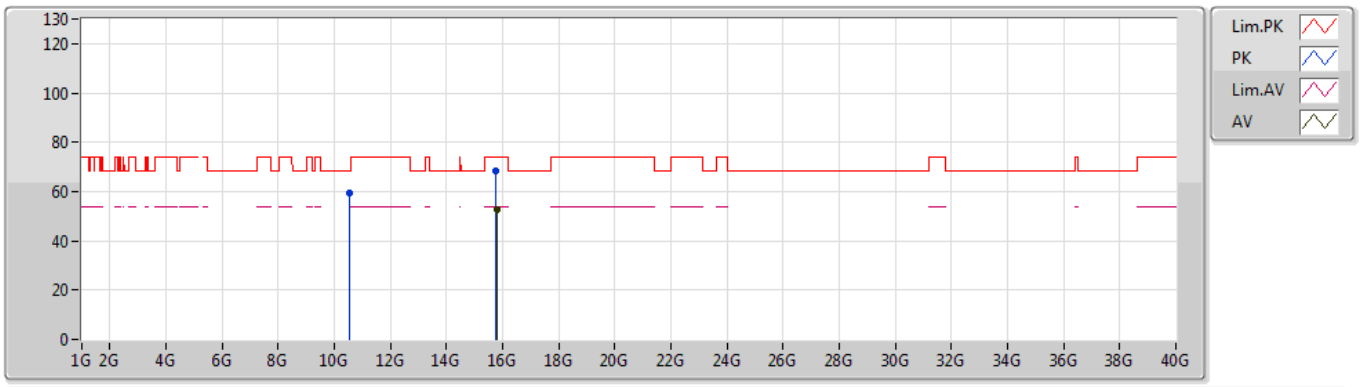
EUT Y_4TX
Setting 27
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.12G	58.92	74.00	-15.08	5.42	3	Horizontal	51	2.60	-	53.50
AV	5.12G	46.35	54.00	-7.65	5.42	3	Horizontal	51	2.60	-	40.93
PK	5.2616G	125.40	Inf	-Inf	5.73	3	Horizontal	51	2.60	-	119.67
AV	5.2616G	113.93	Inf	-Inf	5.73	3	Horizontal	51	2.60	-	108.20
PK	5.3552G	61.75	74.00	-12.25	5.82	3	Horizontal	51	2.60	-	55.93
AV	5.3568G	47.69	54.00	-6.31	5.82	3	Horizontal	51	2.60	-	41.87

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX

26/08/2019



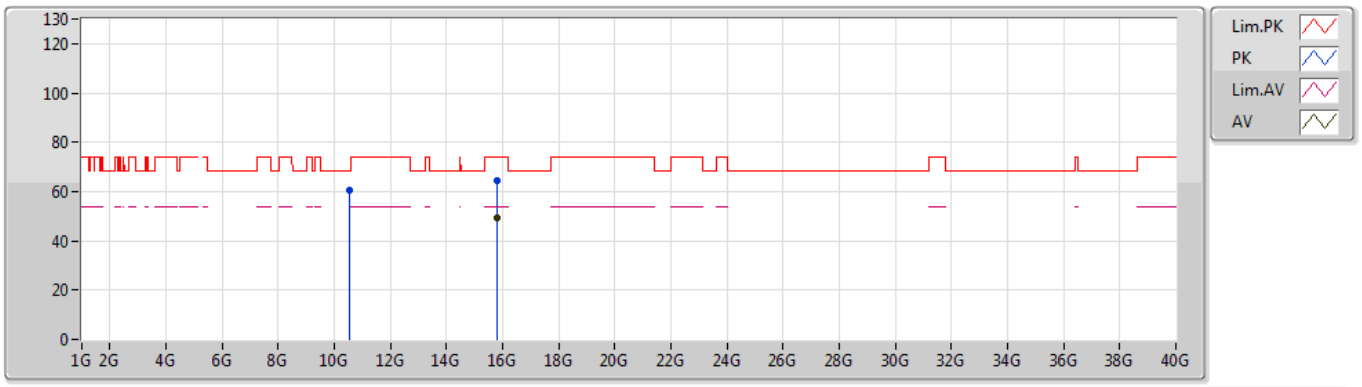
EUT Y_4TX
Setting 27
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.52084G	59.64	68.20	-8.56	12.32	3	Vertical	191	2.44	-	47.32
PK	15.77808G	68.54	74.00	-5.46	13.54	3	Vertical	155	2.67	-	55.00
AV	15.7791G	52.78	54.00	-1.22	13.53	3	Vertical	155	2.67	-	39.25

802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz_TX

26/08/2019



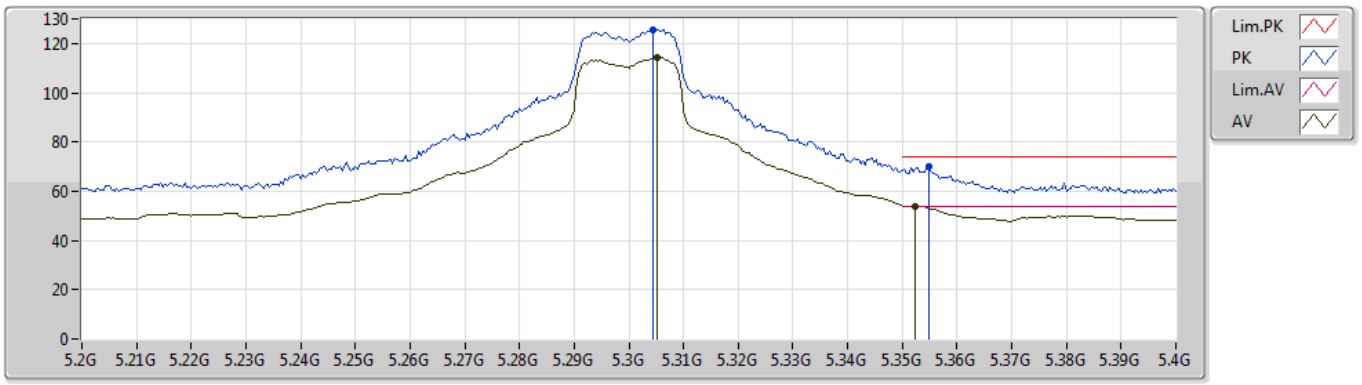
EUT Y_4TX
Setting 27
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.5203G	60.46	68.20	-7.74	12.32	3	Horizontal	220	2.32	-	48.14
PK	15.79224G	64.50	74.00	-9.50	13.49	3	Horizontal	338	1.50	-	51.01
AV	15.79152G	49.15	54.00	-4.85	13.50	3	Horizontal	338	1.50	-	35.65

802.11ac VHT20_Nss1,(MCS0)_4TX

23/08/2019

5300MHz_TX



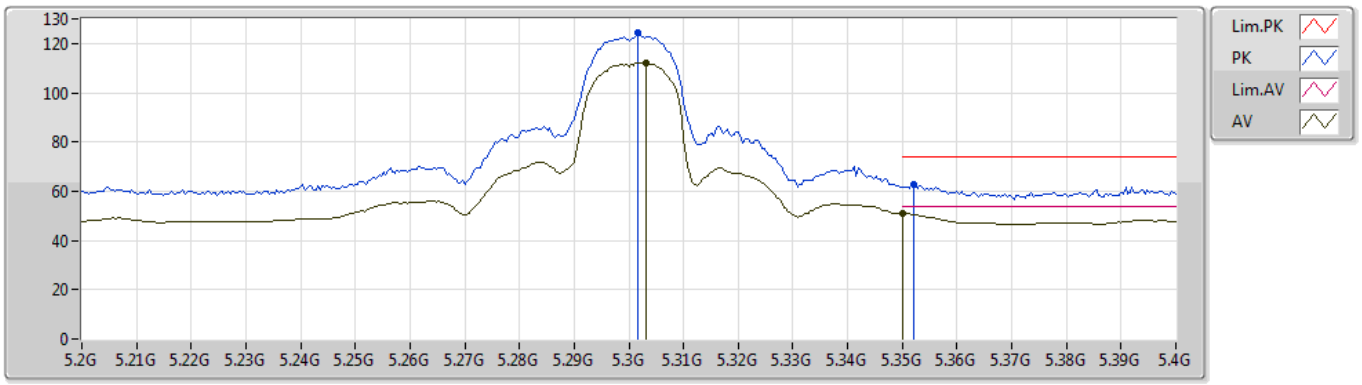
EUT Y_4TX
Setting 25
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3044G	125.62	Inf	-Inf	5.79	3	Vertical	248	2.45	-	119.83
AV	5.3052G	114.08	Inf	-Inf	5.80	3	Vertical	248	2.45	-	108.28
PK	5.3548G	70.21	74.00	-3.79	5.81	3	Vertical	248	2.45	-	64.40
AV	5.3524G	53.96	54.00	-0.04	5.81	3	Vertical	248	2.45	-	48.15

802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz_TX

23/08/2019



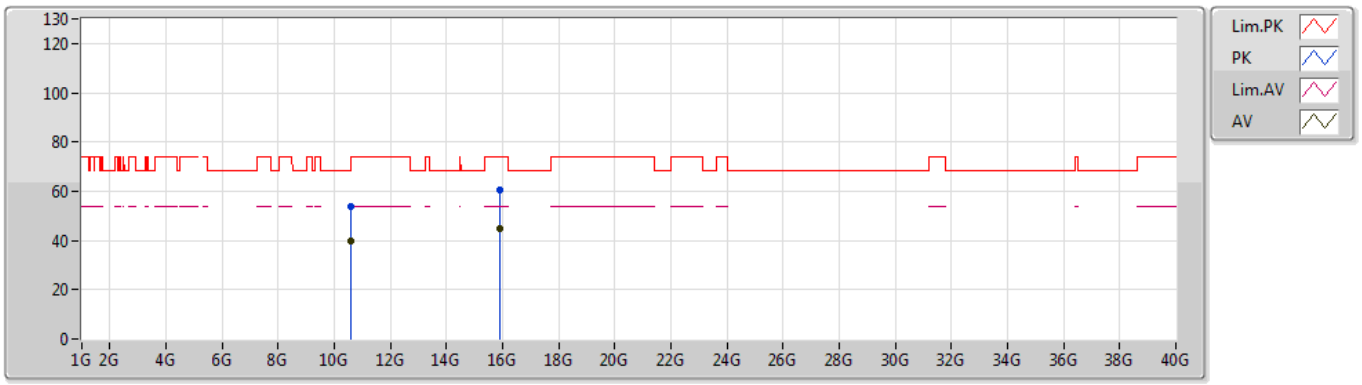
EUT Y_4TX
Setting 25
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3016G	124.16	Inf	-Inf	5.79	3	Horizontal	124	1.96	-	118.37
AV	5.3032G	112.26	Inf	-Inf	5.79	3	Horizontal	124	1.96	-	106.47
PK	5.352G	62.62	74.00	-11.38	5.81	3	Horizontal	124	1.96	-	56.81
AV	5.35G	51.05	54.00	-2.95	5.81	3	Horizontal	124	1.96	-	45.24

802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz_TX

24/08/2019



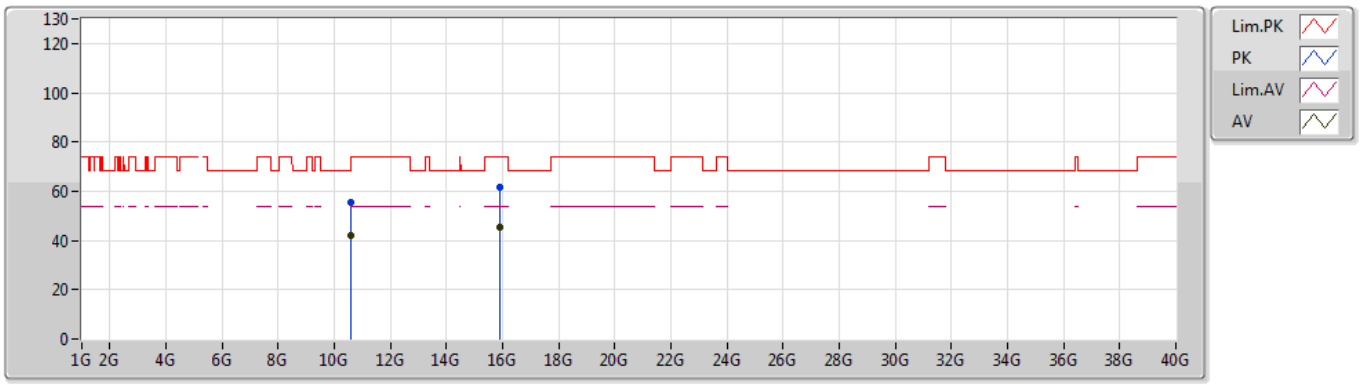
EUT Y_4TX
Setting 25
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.60006G	53.72	74.00	-20.28	12.40	3	Vertical	137	1.50	-	41.32
AV	10.60094G	39.93	54.00	-14.07	12.40	3	Vertical	137	1.50	-	27.53
PK	15.90468G	60.44	74.00	-13.56	13.09	3	Vertical	139	1.50	-	47.35
AV	15.9066G	44.71	54.00	-9.29	13.07	3	Vertical	139	1.50	-	31.64

802.11ac VHT20_Nss1,(MCS0)_4TX

5300MHz_TX

24/08/2019



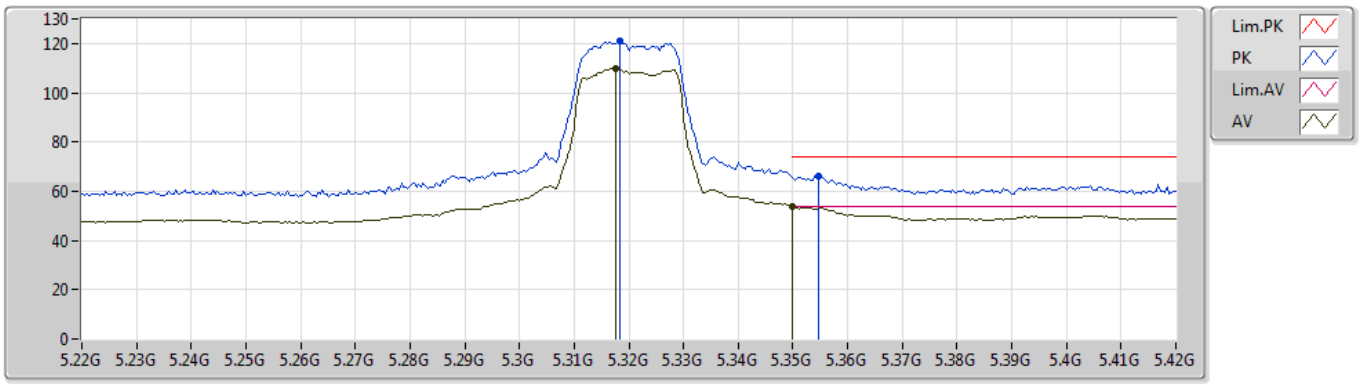
EUT Y_4TX
Setting 25
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.61314G	55.49	74.00	-18.51	12.41	3	Horizontal	223	2.32	-	43.08
AV	10.60364G	41.78	54.00	-12.22	12.40	3	Horizontal	223	2.32	-	29.38
PK	15.89538G	61.90	74.00	-12.10	13.11	3	Horizontal	40	1.57	-	48.79
AV	15.8958G	45.20	54.00	-8.80	13.11	3	Horizontal	40	1.57	-	32.09

802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz_TX

23/08/2019



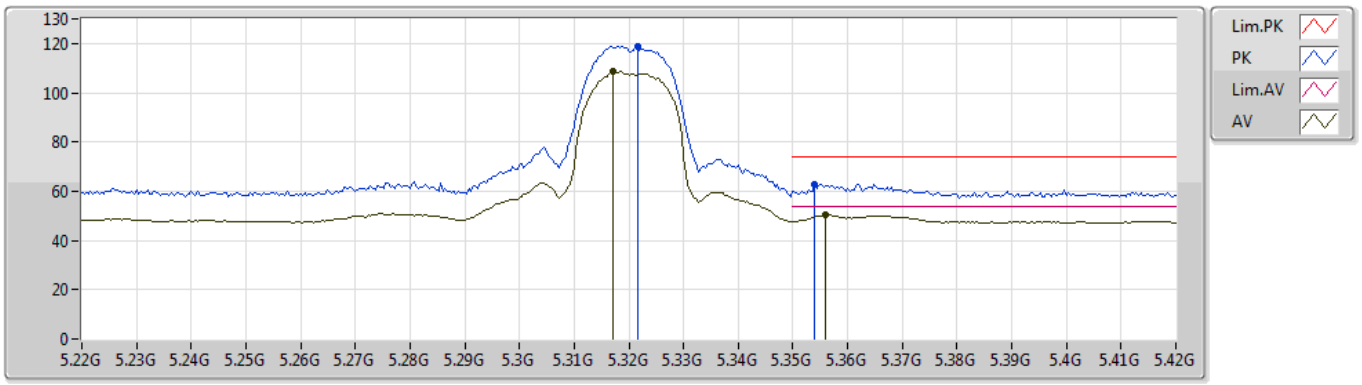
EUT Y_4TX
Setting 20
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3184G	120.88	Inf	-Inf	5.80	3	Vertical	265	1.95	-	115.08
AV	5.3176G	109.86	Inf	-Inf	5.80	3	Vertical	265	1.95	-	104.06
PK	5.3548G	66.22	74.00	-7.78	5.81	3	Vertical	265	1.95	-	60.41
AV	5.35G	53.76	54.00	-0.24	5.81	3	Vertical	265	1.95	-	47.95

802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz_TX

23/08/2019



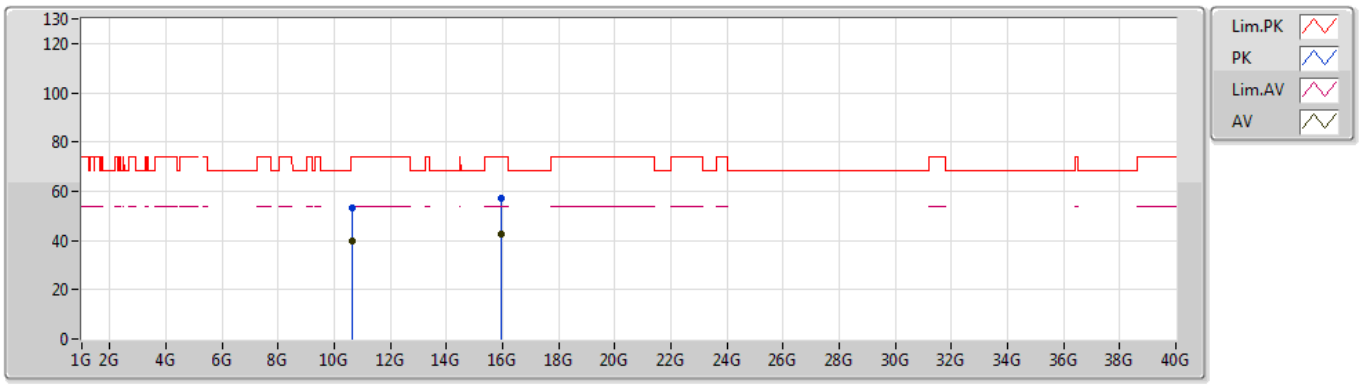
EUT Y_4TX
Setting 20
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3216G	118.81	Inf	-Inf	5.80	3	Horizontal	125	2.01	-	113.01
AV	5.3172G	108.43	Inf	-Inf	5.80	3	Horizontal	125	2.01	-	102.63
PK	5.354G	62.98	74.00	-11.02	5.81	3	Horizontal	125	2.01	-	57.17
AV	5.356G	50.26	54.00	-3.74	5.82	3	Horizontal	125	2.01	-	44.44

802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz_TX

24/08/2019



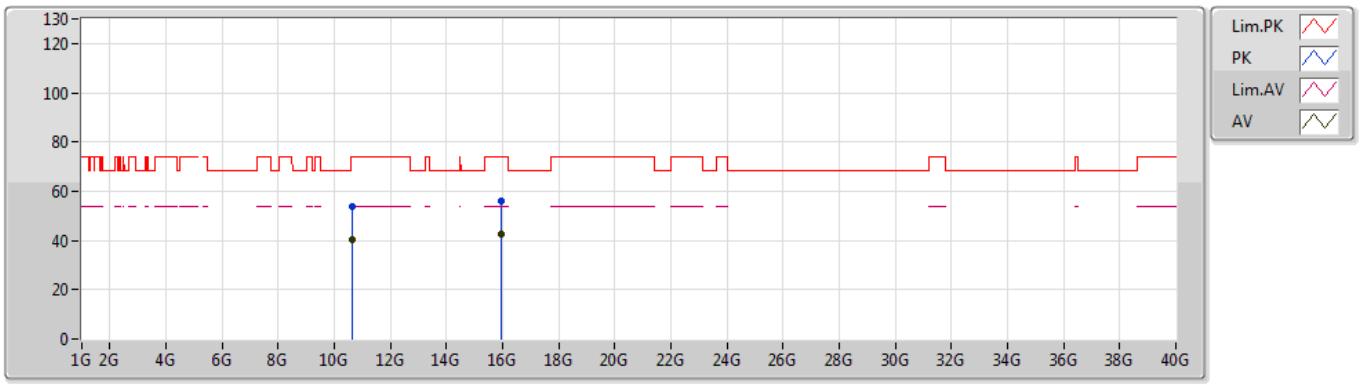
EUT Y_4TX
Setting 20
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.64654G	53.47	74.00	-20.53	12.44	3	Vertical	159	2.94	-	41.03
AV	10.63994G	40.04	54.00	-13.96	12.44	3	Vertical	159	2.94	-	27.60
PK	15.95412G	56.88	74.00	-17.12	12.91	3	Vertical	146	1.84	-	43.97
AV	15.96102G	42.66	54.00	-11.34	12.88	3	Vertical	146	1.84	-	29.78

802.11ac VHT20_Nss1,(MCS0)_4TX

5320MHz_TX

24/08/2019



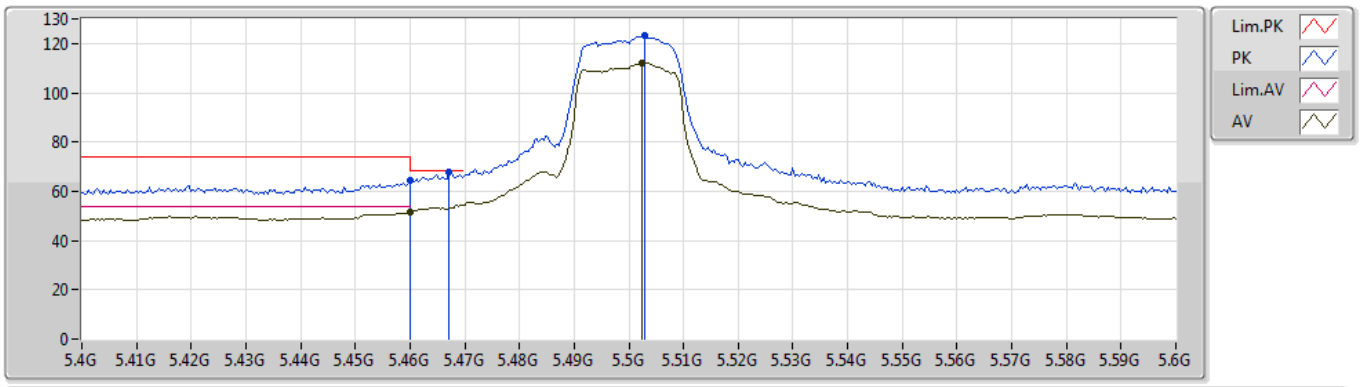
EUT Y_4TX
Setting 20
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.63304G	53.93	74.00	-20.07	12.43	3	Horizontal	220	2.36	-	41.50
AV	10.63436G	40.27	54.00	-13.73	12.43	3	Horizontal	220	2.36	-	27.84
PK	15.95976G	56.01	74.00	-17.99	12.88	3	Horizontal	93	2.98	-	43.13
AV	15.96612G	42.62	54.00	-11.38	12.86	3	Horizontal	93	2.98	-	29.76

802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz_TX

23/08/2019



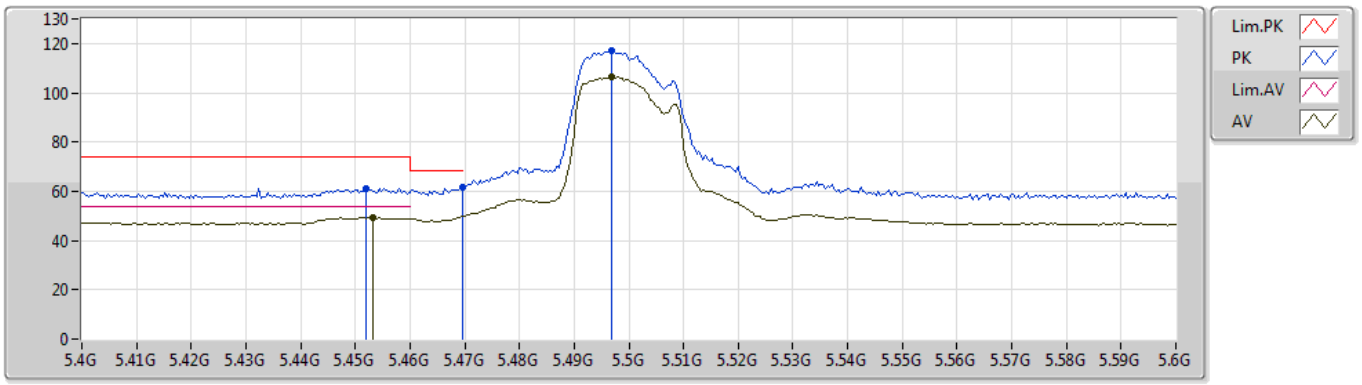
EUT Y_4TX
Setting 20.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.46G	64.24	74.00	-9.76	6.01	3	Vertical	251	2.27	-	58.23
AV	5.46G	51.54	54.00	-2.46	6.01	3	Vertical	251	2.27	-	45.53
PK	5.4672G	67.80	68.20	-0.40	6.03	3	Vertical	251	2.27	-	61.77
PK	5.5028G	123.49	Inf	-Inf	6.12	3	Vertical	251	2.27	-	117.37
AV	5.5024G	112.26	Inf	-Inf	6.12	3	Vertical	251	2.27	-	106.14

802.11ac VHT20_Nss1,(MCS0)_4TX

23/08/2019

5500MHz_TX



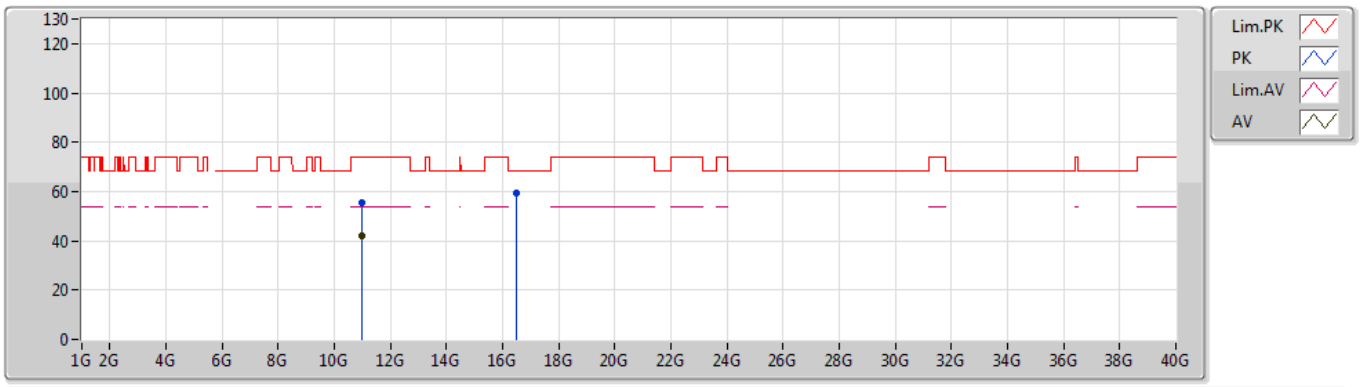
EUT Y_4TX
Setting 20.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.452G	61.18	74.00	-12.82	5.98	3	Horizontal	130	2.66	-	55.20
AV	5.4532G	49.34	54.00	-4.66	5.99	3	Horizontal	130	2.66	-	43.35
PK	5.4696G	61.89	68.20	-6.31	6.04	3	Horizontal	130	2.66	-	55.85
PK	5.4968G	117.09	Inf	-Inf	6.11	3	Horizontal	130	2.66	-	110.98
AV	5.4968G	106.31	Inf	-Inf	6.11	3	Horizontal	130	2.66	-	100.20

802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz_TX

24/08/2019



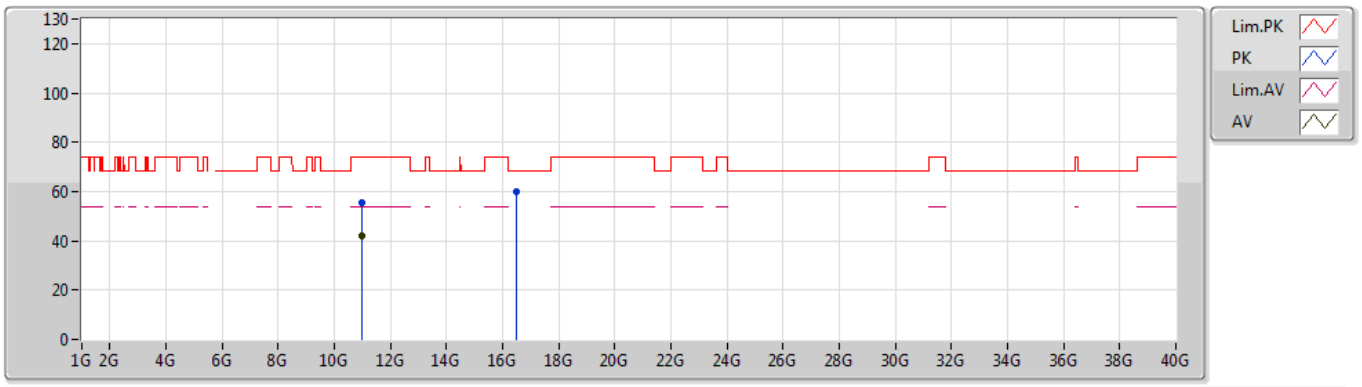
EUT Y_4TX
Setting 20.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.99814G	55.53	74.00	-18.47	12.74	3	Vertical	199	1.17	-	42.79
AV	10.99928G	41.93	54.00	-12.07	12.74	3	Vertical	199	1.17	-	29.19
PK	16.49418G	59.23	68.20	-8.97	14.42	3	Vertical	151	2.88	-	44.81

802.11ac VHT20_Nss1,(MCS0)_4TX

5500MHz_TX

24/08/2019



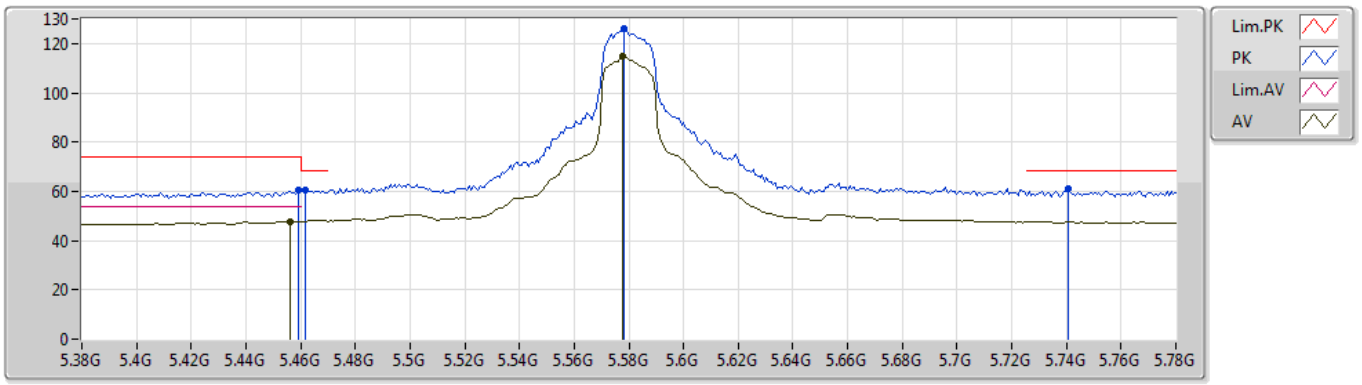
EUT Y_4TX
Setting 20.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.00366G	55.34	74.00	-18.66	12.74	3	Horizontal	139	1.50	-	42.60
AV	11.00588G	41.90	54.00	-12.10	12.74	3	Horizontal	139	1.50	-	29.16
PK	16.4997G	59.71	68.20	-8.49	14.43	3	Horizontal	218	2.51	-	45.28

802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz_TX

24/08/2019



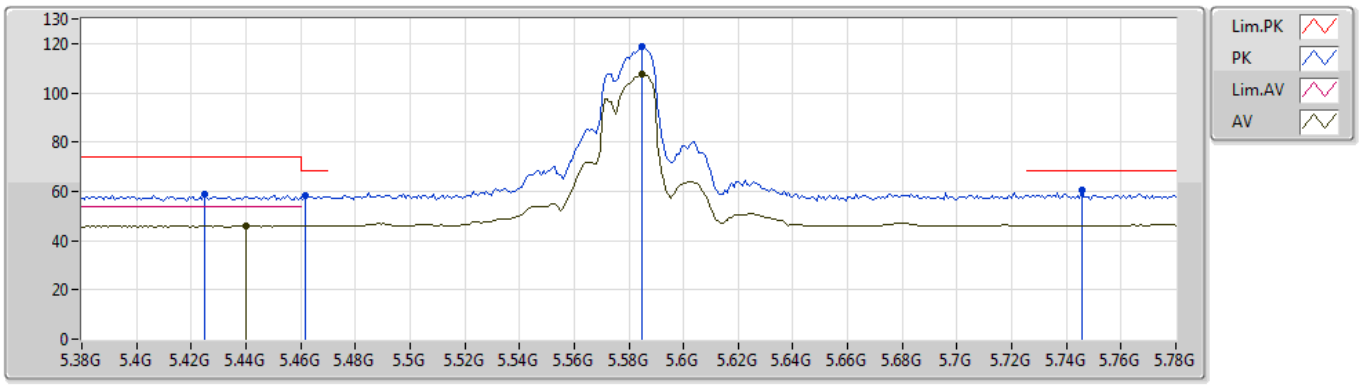
EUT Y_4TX
Setting 24.5
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4592G	60.61	74.00	-13.39	6.01	3	Vertical	311	2.26	-	54.60
AV	5.456G	47.90	54.00	-6.10	6.00	3	Vertical	311	2.26	-	41.90
PK	5.4616G	60.28	68.20	-7.92	6.01	3	Vertical	311	2.26	-	54.27
PK	5.5784G	126.16	Inf	-Inf	6.16	3	Vertical	311	2.26	-	120.00
AV	5.5776G	114.61	Inf	-Inf	6.15	3	Vertical	311	2.26	-	108.46
PK	5.7408G	60.84	68.20	-7.36	5.87	3	Vertical	311	2.26	-	54.97

802.11ac VHT20_Nss1,(MCS0)_4TX

24/08/2019

5580MHz_TX



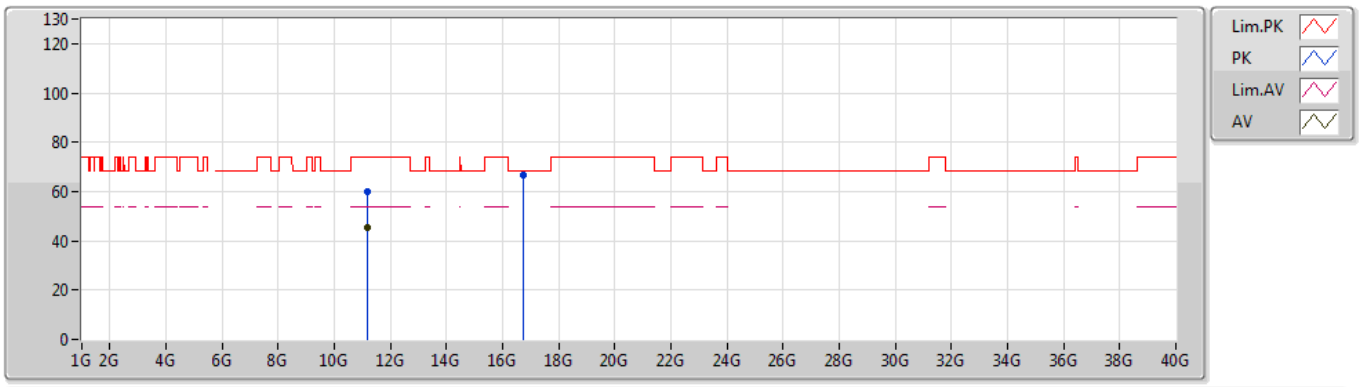
EUT Y_4TX
Setting 24.5
03-W-3-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4248G	58.58	74.00	-15.42	5.90	3	Horizontal	109	2.84	-	52.68
AV	5.44G	45.89	54.00	-8.11	5.95	3	Horizontal	109	2.84	-	39.94
PK	5.4616G	58.26	68.20	-9.94	6.01	3	Horizontal	109	2.84	-	52.25
PK	5.5848G	118.56	Inf	-Inf	6.17	3	Horizontal	109	2.84	-	112.39
AV	5.5848G	107.41	Inf	-Inf	6.17	3	Horizontal	109	2.84	-	101.24
PK	5.7456G	60.56	68.20	-7.64	5.86	3	Horizontal	109	2.84	-	54.70

802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz_TX

24/08/2019



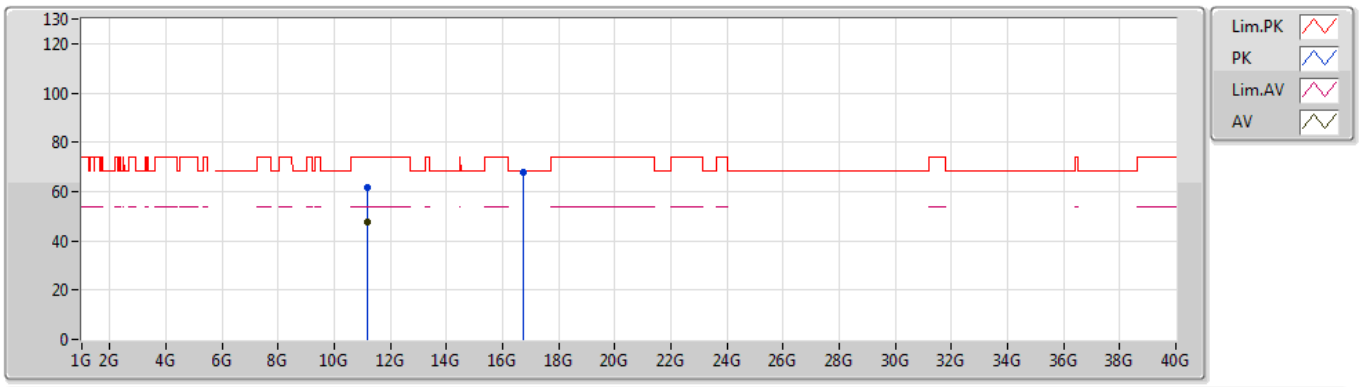
EUT Y_4TX
Setting 24.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.1645G	59.93	74.00	-14.07	12.83	3	Vertical	159	1.64	-	47.10
AV	11.16522G	45.40	54.00	-8.60	12.83	3	Vertical	159	1.64	-	32.57
PK	16.73424G	66.96	68.20	-1.24	15.22	3	Vertical	139	1.75	-	51.74

802.11ac VHT20_Nss1,(MCS0)_4TX

5580MHz_TX

24/08/2019



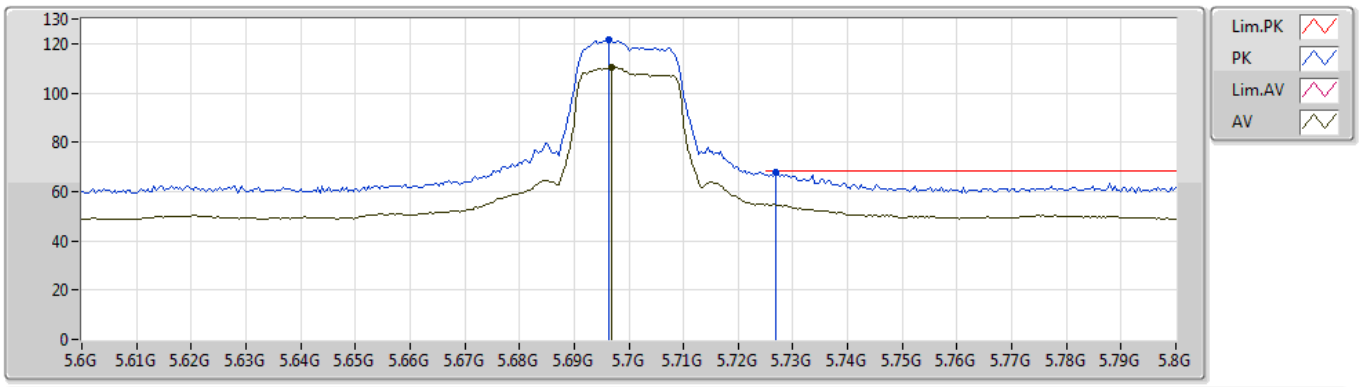
EUT Y_4TX
Setting 24.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.1591G	61.59	74.00	-12.41	12.82	3	Horizontal	132	1.52	-	48.77
AV	11.15958G	47.55	54.00	-6.45	12.82	3	Horizontal	132	1.52	-	34.73
PK	16.73976G	67.82	68.20	-0.38	15.25	3	Horizontal	117	1.49	-	52.57

802.11ac VHT20_Nss1,(MCS0)_4TX

5700MHz_TX

23/08/2019



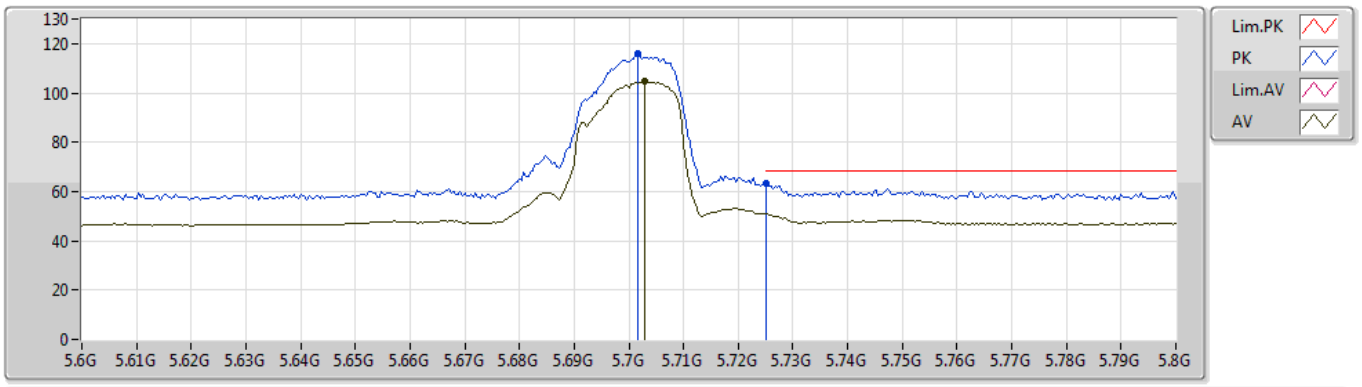
EUT Y_4TX
Setting 19
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.6964G	121.58	Inf	-Inf	5.93	3	Vertical	276	2.31	-	115.65
AV	5.6968G	110.42	Inf	-Inf	5.93	3	Vertical	276	2.31	-	104.49
PK	5.7268G	67.87	68.20	-0.33	5.89	3	Vertical	276	2.31	-	61.98

802.11ac VHT20_Nss1,(MCS0)_4TX

5700MHz_TX

23/08/2019



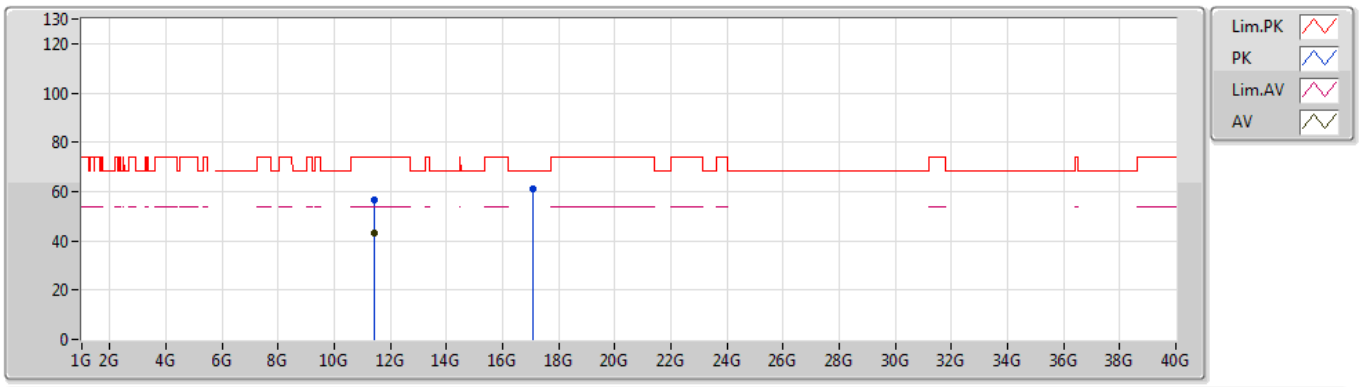
EUT Y_4TX
Setting 19
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.7016G	115.82	Inf	-Inf	5.93	3	Horizontal	111	2.92	-	109.89
AV	5.7028G	104.51	Inf	-Inf	5.93	3	Horizontal	111	2.92	-	98.58
PK	5.7252G	63.37	68.20	-4.83	5.89	3	Horizontal	111	2.92	-	57.48

802.11ac VHT20_Nss1,(MCS0)_4TX

5700MHz_TX

24/08/2019



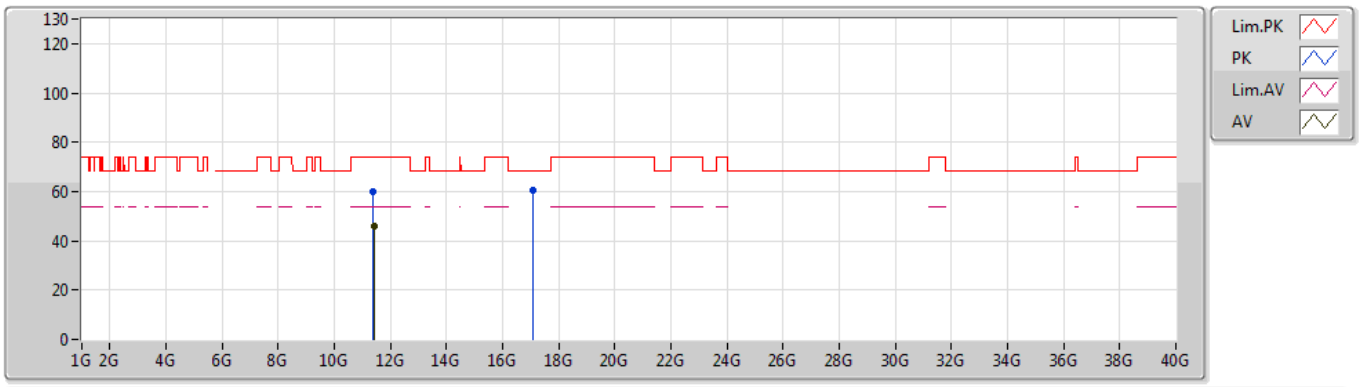
EUT Y_4TX
Setting 19
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.409G	56.80	74.00	-17.20	12.96	3	Vertical	187	1.75	-	43.84
AV	11.40906G	42.94	54.00	-11.06	12.96	3	Vertical	187	1.75	-	29.98
PK	17.09424G	60.99	68.20	-7.21	16.62	3	Vertical	158	2.91	-	44.37

802.11ac VHT20_Nss1,(MCS0)_4TX

5700MHz_TX

24/08/2019



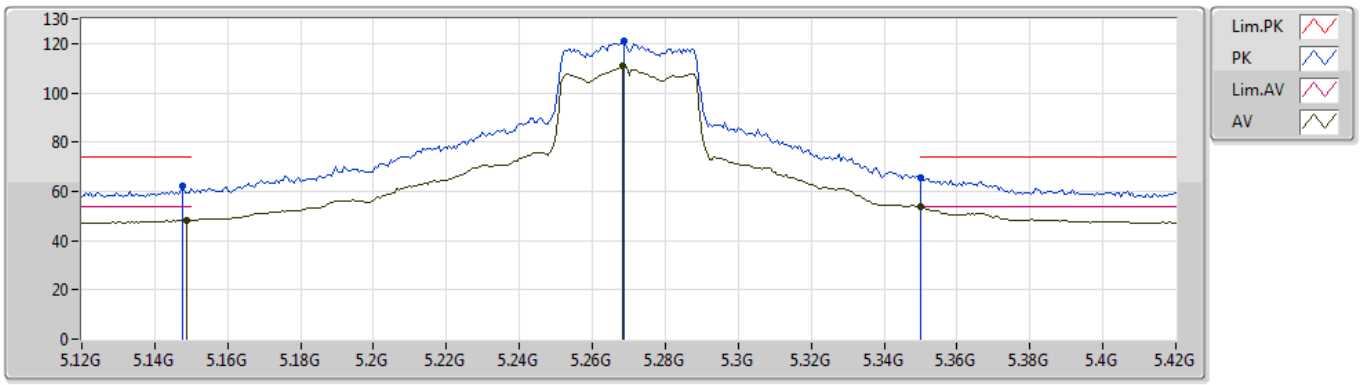
EUT Y_4TX
Setting 19
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.39784G	59.98	74.00	-14.02	12.96	3	Horizontal	214	1.49	-	47.02
AV	11.40846G	45.87	54.00	-8.13	12.96	3	Horizontal	214	1.49	-	32.91
PK	17.09352G	60.52	68.20	-7.68	16.62	3	Horizontal	178	1.43	-	43.90

802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX

23/08/2019



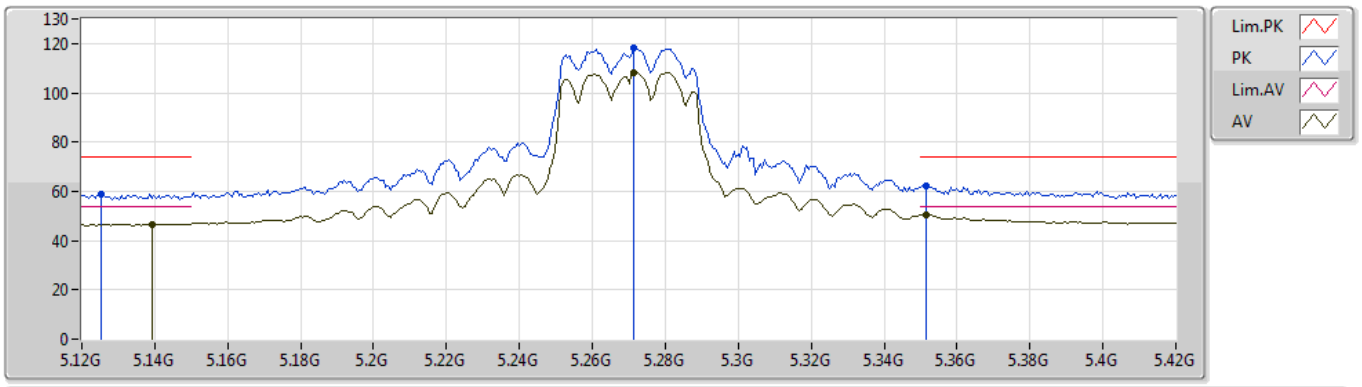
EUT Y_4TX
Setting 22.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1476G	61.99	74.00	-12.01	5.50	3	Vertical	307	2.53	-	56.49
AV	5.1488G	48.43	54.00	-5.57	5.50	3	Vertical	307	2.53	-	42.93
PK	5.2688G	120.99	Inf	-Inf	5.75	3	Vertical	307	2.53	-	115.24
AV	5.2682G	110.82	Inf	-Inf	5.75	3	Vertical	307	2.53	-	105.07
PK	5.35G	65.65	74.00	-8.35	5.81	3	Vertical	307	2.53	-	59.84
AV	5.35G	53.62	54.00	-0.38	5.81	3	Vertical	307	2.53	-	47.81

802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX

23/08/2019



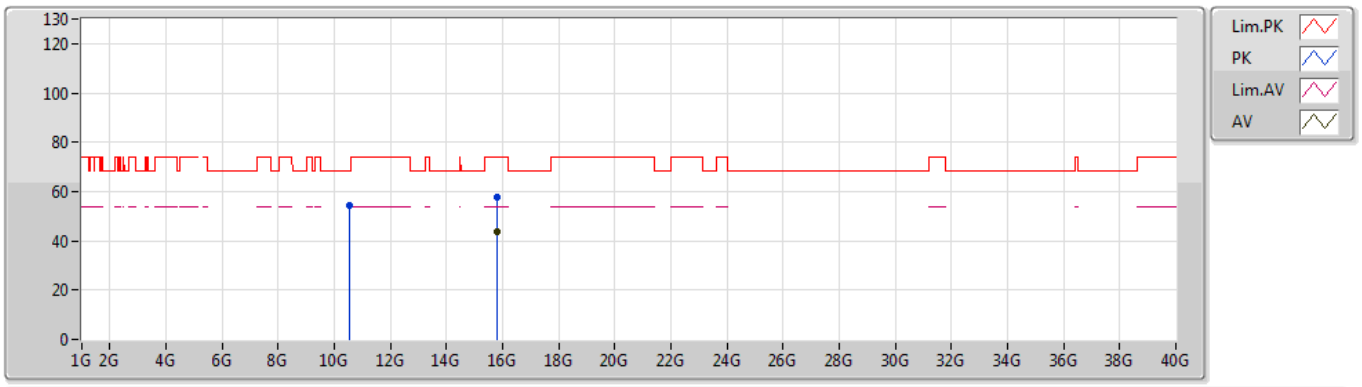
EUT Y_4TX
Setting 22.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.1254G	58.75	74.00	-15.25	5.44	3	Horizontal	49	2.62	-	53.31
AV	5.1392G	46.78	54.00	-7.22	5.47	3	Horizontal	49	2.62	-	41.31
PK	5.2712G	118.31	Inf	-Inf	5.74	3	Horizontal	49	2.62	-	112.57
AV	5.2712G	108.35	Inf	-Inf	5.74	3	Horizontal	49	2.62	-	102.61
PK	5.3516G	62.39	74.00	-11.61	5.81	3	Horizontal	49	2.62	-	56.58
AV	5.3516G	50.61	54.00	-3.39	5.81	3	Horizontal	49	2.62	-	44.80

802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX

24/08/2019



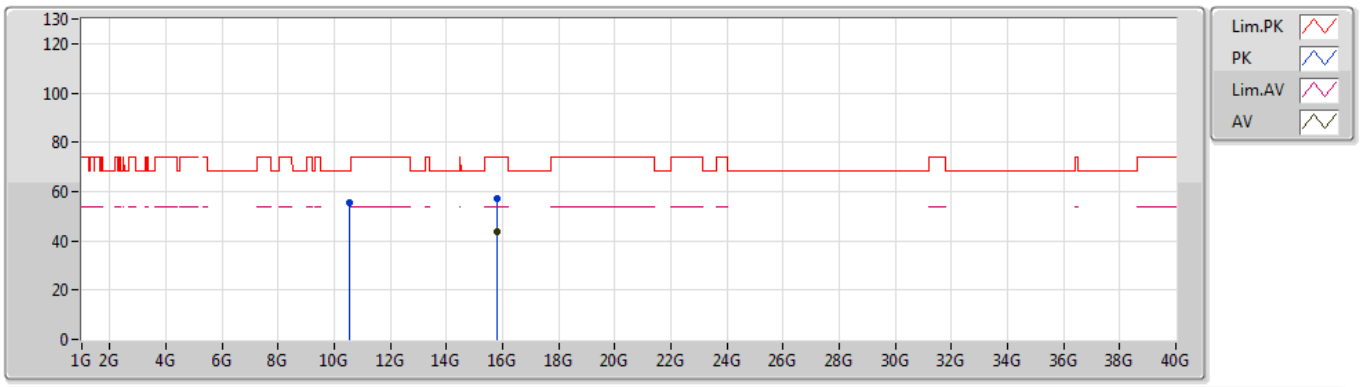
EUT Y_4TX
Setting 22.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.5298G	54.36	68.20	-13.84	12.34	3	Vertical	209	1.50	-	42.02
PK	15.8199G	57.88	74.00	-16.12	13.39	3	Vertical	179	2.32	-	44.49
AV	15.8199G	43.59	54.00	-10.41	13.39	3	Vertical	179	2.32	-	30.20

802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz_TX

24/08/2019



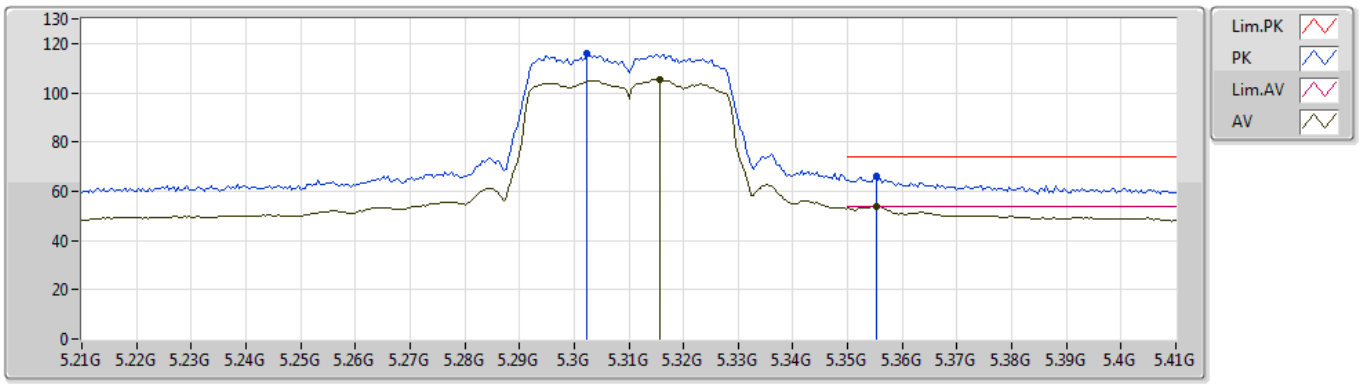
EUT Y_4TX
Setting 22.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.5351G	55.36	68.20	-12.84	12.34	3	Horizontal	132	2.31	-	43.02
PK	15.8231G	57.15	74.00	-16.85	13.38	3	Horizontal	190	1.52	-	43.77
AV	15.7851G	43.75	54.00	-10.25	13.51	3	Horizontal	190	1.52	-	30.24

802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX

23/08/2019



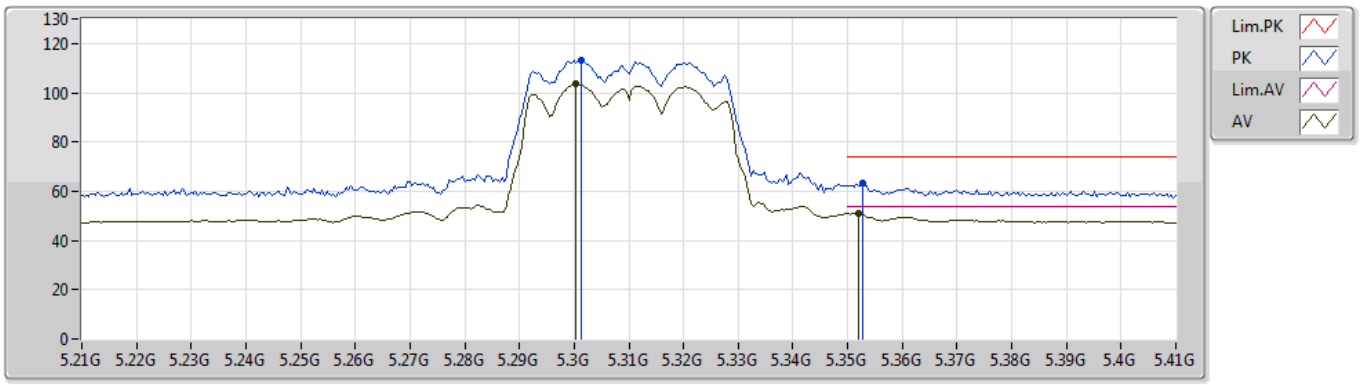
EUT Y_4TX
Setting 17
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3024G	115.77	Inf	-Inf	5.79	3	Vertical	251	2.46	-	109.98
AV	5.3156G	105.47	Inf	-Inf	5.80	3	Vertical	251	2.46	-	99.67
PK	5.3552G	66.25	74.00	-7.75	5.82	3	Vertical	251	2.46	-	60.43
AV	5.3552G	53.63	54.00	-0.37	5.82	3	Vertical	251	2.46	-	47.81

802.11ac VHT40_Nss1,(MCS0)_4TX

23/08/2019

5310MHz_TX



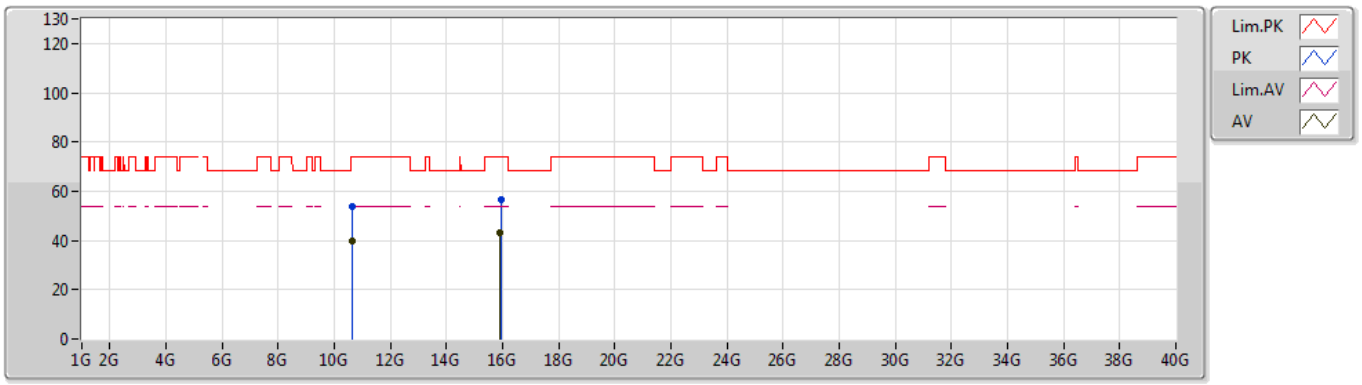
EUT Y_4TX
Setting 17
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.3012G	113.32	Inf	-Inf	5.79	3	Horizontal	47	2.61	-	107.53
AV	5.3004G	103.39	Inf	-Inf	5.79	3	Horizontal	47	2.61	-	97.60
PK	5.3528G	63.11	74.00	-10.89	5.81	3	Horizontal	47	2.61	-	57.30
AV	5.352G	50.86	54.00	-3.14	5.81	3	Horizontal	47	2.61	-	45.05

802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX

24/08/2019



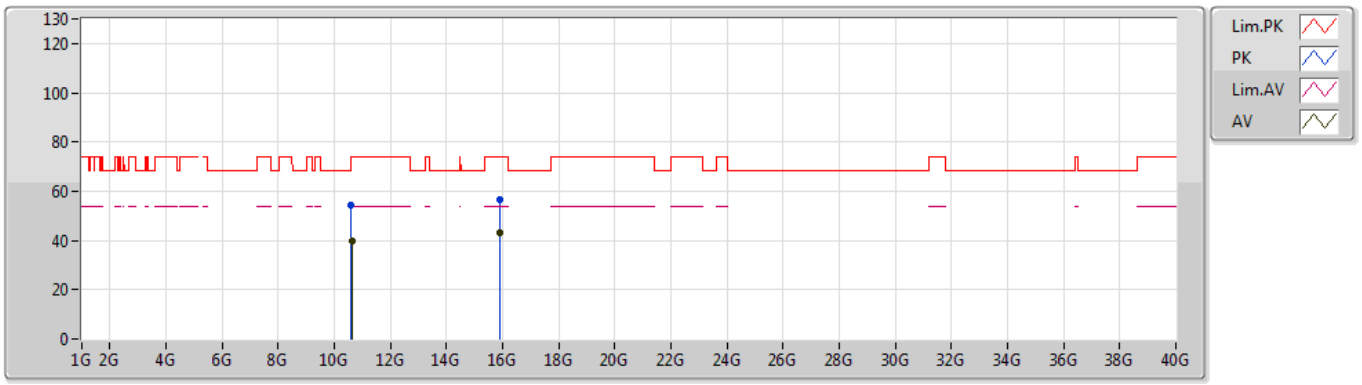
EUT Y_4TX
Setting 17
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6179G	54.03	74.00	-19.97	12.41	3	Vertical	179	1.87	-	41.62
AV	10.6165G	39.74	54.00	-14.26	12.41	3	Vertical	179	1.87	-	27.33
PK	15.9416G	56.47	74.00	-17.53	12.96	3	Vertical	285	2.46	-	43.51
AV	15.905G	42.90	54.00	-11.10	13.08	3	Vertical	285	2.46	-	29.82

802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz_TX

24/08/2019



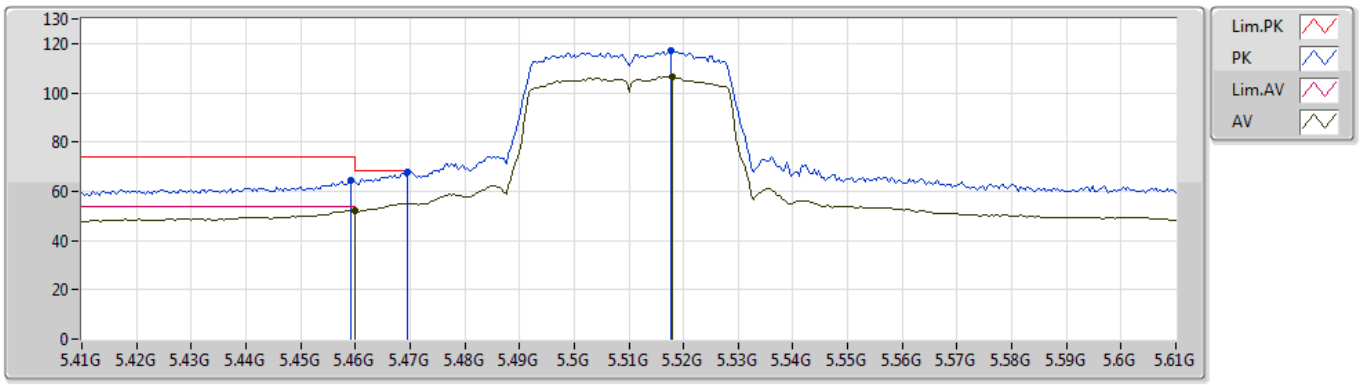
EUT Y_4TX
Setting 17
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	10.6133G	54.09	74.00	-19.91	12.41	3	Horizontal	317	1.71	-	41.68
AV	10.6162G	39.78	54.00	-14.22	12.41	3	Horizontal	317	1.71	-	27.37
PK	15.9133G	56.53	74.00	-17.47	13.06	3	Horizontal	148	1.82	-	43.47
AV	15.905G	42.93	54.00	-11.07	13.08	3	Horizontal	148	1.82	-	29.85

802.11ac VHT40_Nss1,(MCS0)_4TX

23/08/2019

5510MHz_TX



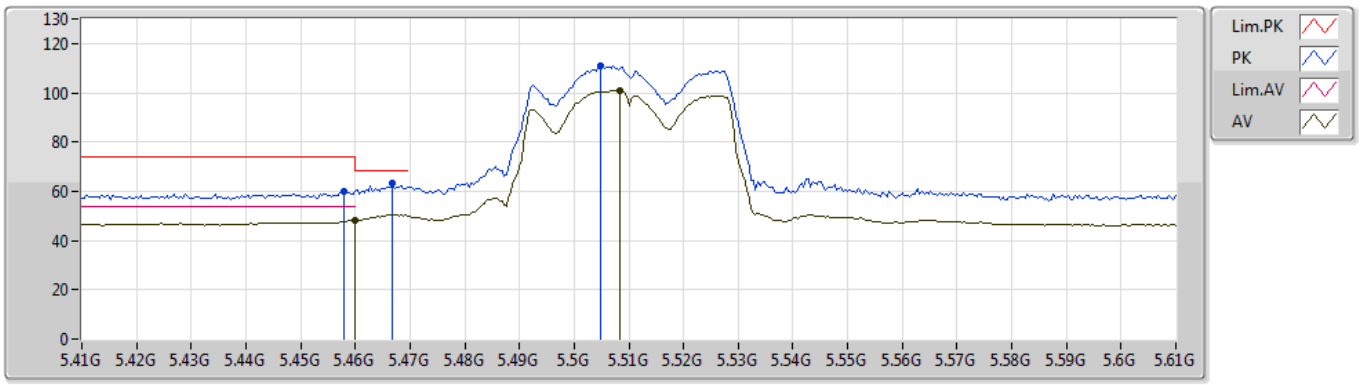
EUT Y_4TX
Setting 16.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4592G	64.52	74.00	-9.48	6.01	3	Vertical	263	2.15	-	58.51
AV	5.46G	52.16	54.00	-1.84	6.01	3	Vertical	263	2.15	-	46.15
PK	5.4696G	68.05	68.20	-0.15	6.04	3	Vertical	263	2.15	-	62.01
PK	5.5176G	116.96	Inf	-Inf	6.13	3	Vertical	263	2.15	-	110.83
AV	5.518G	106.69	Inf	-Inf	6.13	3	Vertical	263	2.15	-	100.56

802.11ac VHT40_Nss1,(MCS0)_4TX

23/08/2019

5510MHz_TX



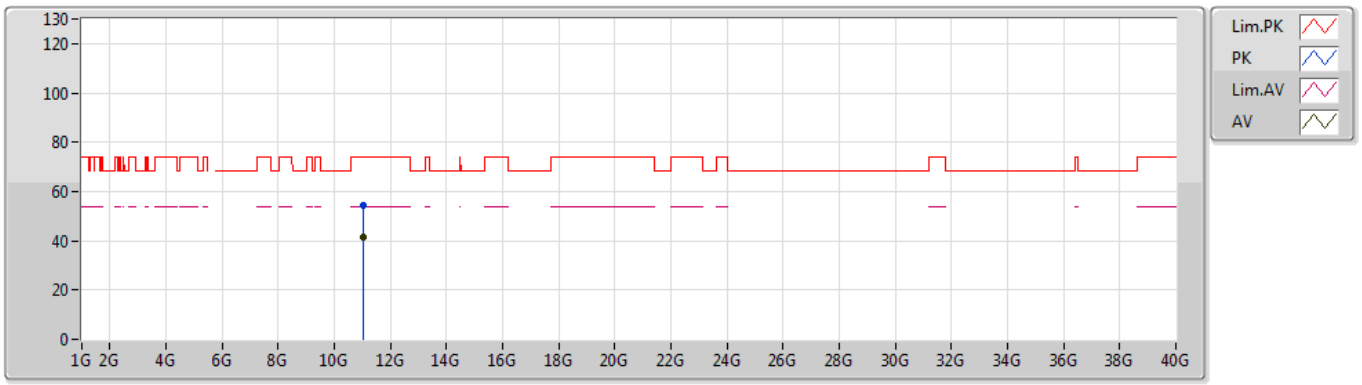
EUT Y_4TX
Setting 16.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.458G	59.89	74.00	-14.11	6.00	3	Horizontal	128	2.64	-	53.89
AV	5.46G	47.98	54.00	-6.02	6.01	3	Horizontal	128	2.64	-	41.97
PK	5.4668G	63.05	68.20	-5.15	6.03	3	Horizontal	128	2.64	-	57.02
PK	5.5048G	110.79	Inf	-Inf	6.13	3	Horizontal	128	2.64	-	104.66
AV	5.5084G	101.02	Inf	-Inf	6.12	3	Horizontal	128	2.64	-	94.90

802.11ac VHT40_Nss1,(MCS0)_4TX

5510MHz_TX

24/08/2019



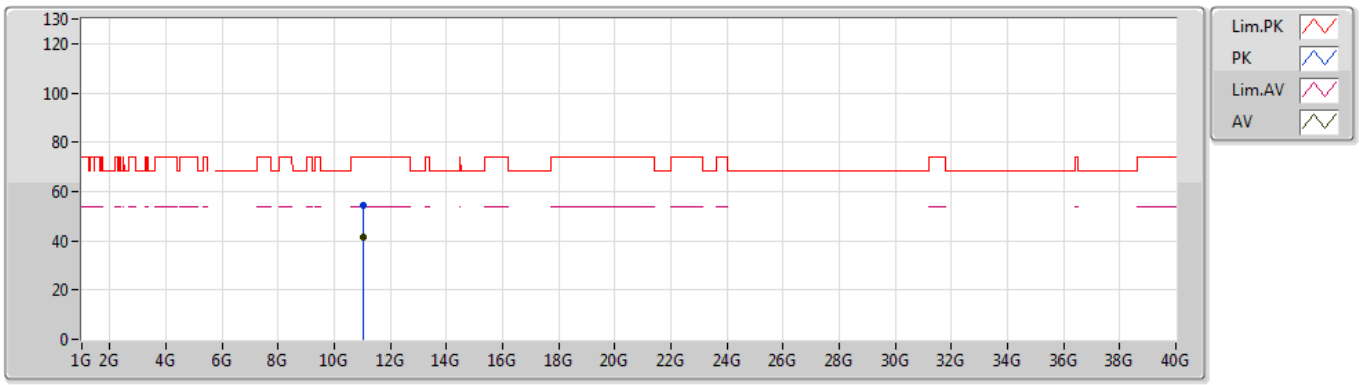
EUT Y_4TX
Setting 16.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.0312G	54.08	74.00	-19.92	12.76	3	Vertical	280	1.90	-	41.32
AV	11.0184G	41.25	54.00	-12.75	12.75	3	Vertical	280	1.90	-	28.50

802.11ac VHT40_Nss1,(MCS0)_4TX

5510MHz_TX

24/08/2019



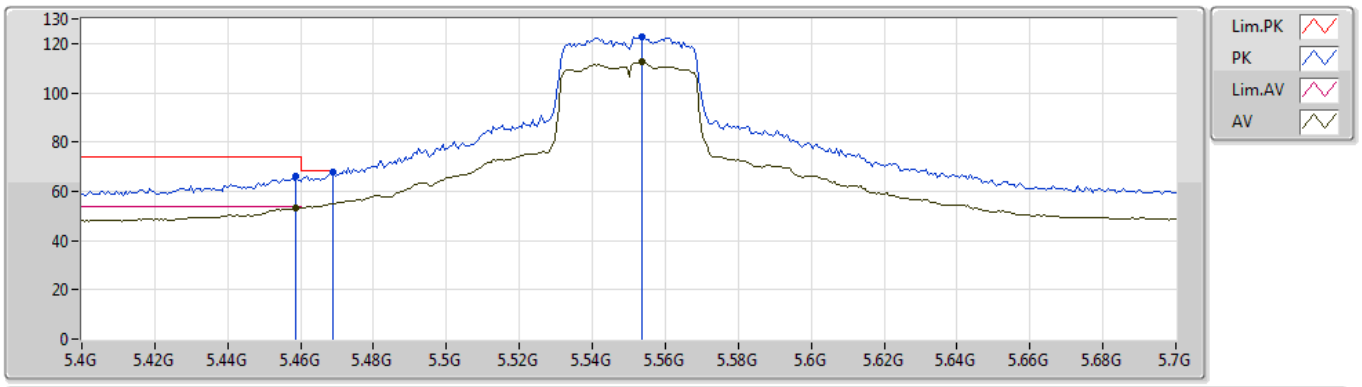
EUT Y_4TX
Setting 16.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.0204G	54.51	74.00	-19.49	12.75	3	Horizontal	161	2.49	-	41.76
AV	11.0281G	41.32	54.00	-12.68	12.76	3	Horizontal	161	2.49	-	28.56

802.11ac VHT40_Nss1,(MCS0)_4TX

23/08/2019

5550MHz_TX



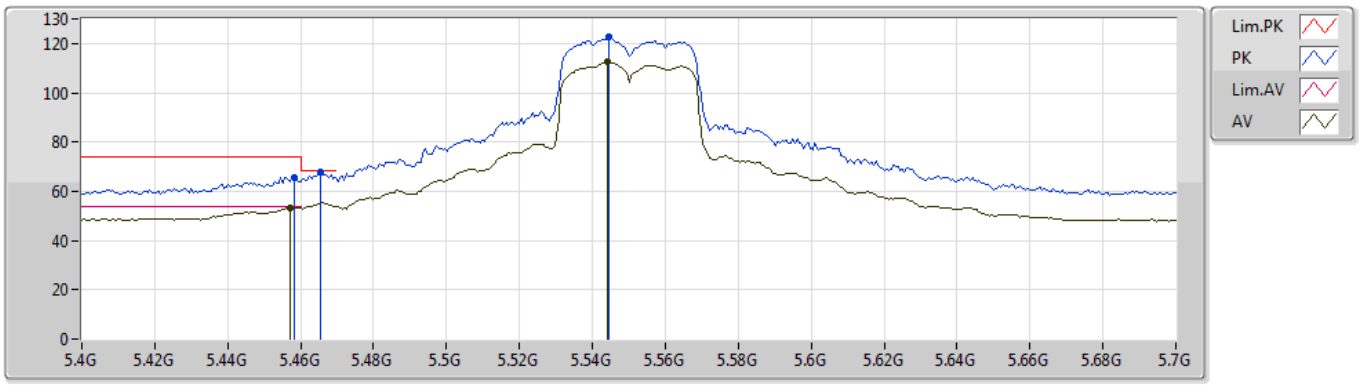
EUT Y_4TX
Setting 22.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4588G	66.10	74.00	-7.90	6.01	3	Vertical	255	2.29	-	60.09
AV	5.4588G	53.29	54.00	-0.71	6.01	3	Vertical	255	2.29	-	47.28
PK	5.469G	67.76	68.20	-0.44	6.03	3	Vertical	255	2.29	-	61.73
PK	5.5536G	122.77	Inf	-Inf	6.15	3	Vertical	255	2.29	-	116.62
AV	5.5536G	112.44	Inf	-Inf	6.15	3	Vertical	255	2.29	-	106.29

802.11ac VHT40_Nss1,(MCS0)_4TX

23/08/2019

5550MHz_TX



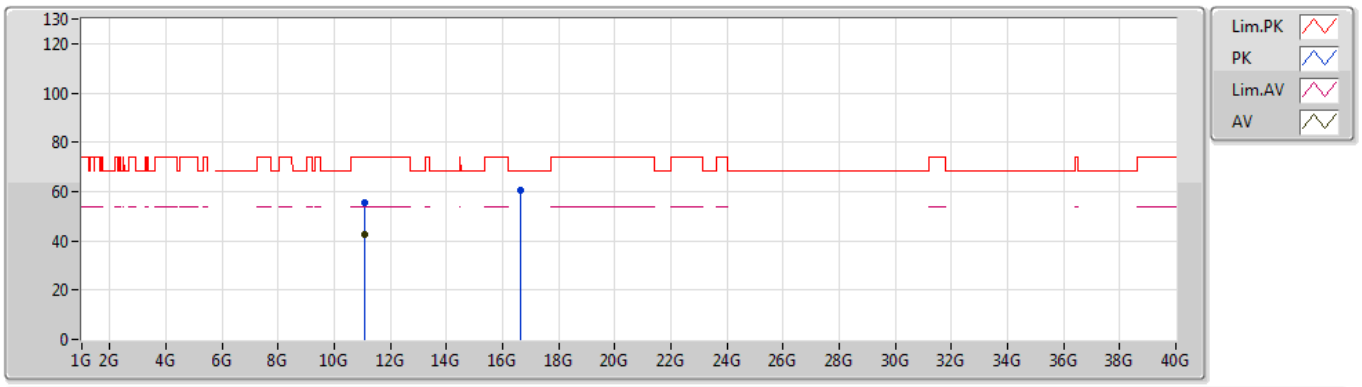
EUT Y_4TX
Setting 22.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.4582G	65.65	74.00	-8.35	6.00	3	Horizontal	209	2.33	-	59.65
AV	5.457G	53.24	54.00	-0.76	6.00	3	Horizontal	209	2.33	-	47.24
PK	5.4654G	67.59	68.20	-0.61	6.03	3	Horizontal	209	2.33	-	61.56
PK	5.5446G	122.86	Inf	-Inf	6.15	3	Horizontal	209	2.33	-	116.71
AV	5.544G	112.43	Inf	-Inf	6.15	3	Horizontal	209	2.33	-	106.28

802.11ac VHT40_Nss1,(MCS0)_4TX

5550MHz_TX

24/08/2019



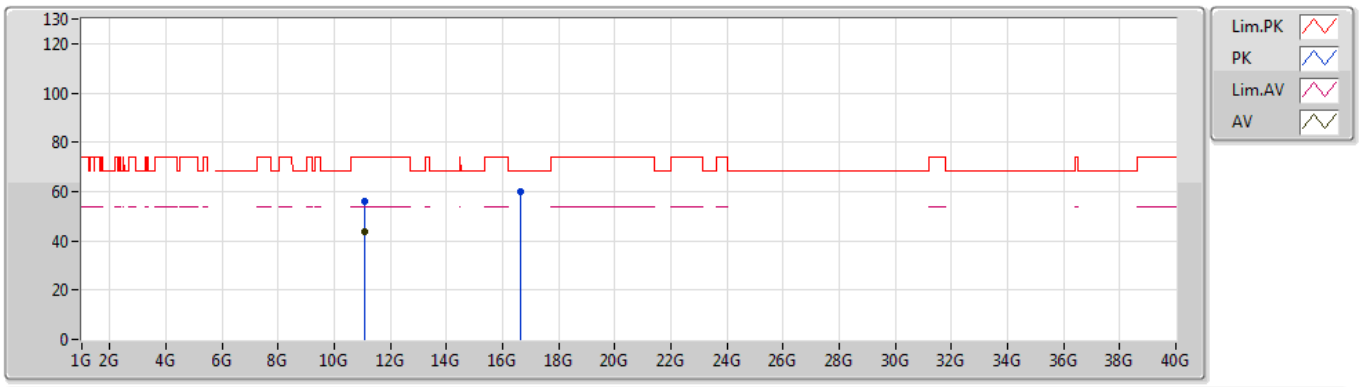
EUT Y_4TX
Setting 22.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.105G	55.51	74.00	-18.49	12.79	3	Vertical	155	1.56	-	42.72
AV	11.1056G	42.62	54.00	-11.38	12.79	3	Vertical	155	1.56	-	29.83
PK	16.6426G	60.29	68.20	-7.91	14.92	3	Vertical	168	1.69	-	45.37

802.11ac VHT40_Nss1,(MCS0)_4TX

5550MHz_TX

24/08/2019



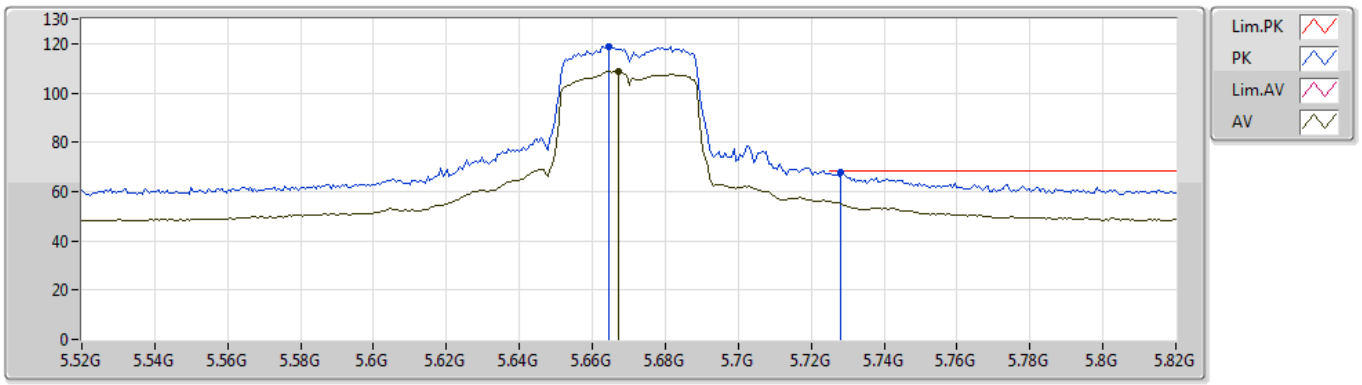
EUT Y_4TX
Setting 22.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.0995G	55.84	74.00	-18.16	12.79	3	Horizontal	218	1.49	-	43.05
AV	11.1003G	43.64	54.00	-10.36	12.79	3	Horizontal	218	1.49	-	30.85
PK	16.6458G	60.05	68.20	-8.15	14.93	3	Horizontal	146	2.66	-	45.12

802.11ac VHT40_Nss1,(MCS0)_4TX

23/08/2019

5670MHz_TX



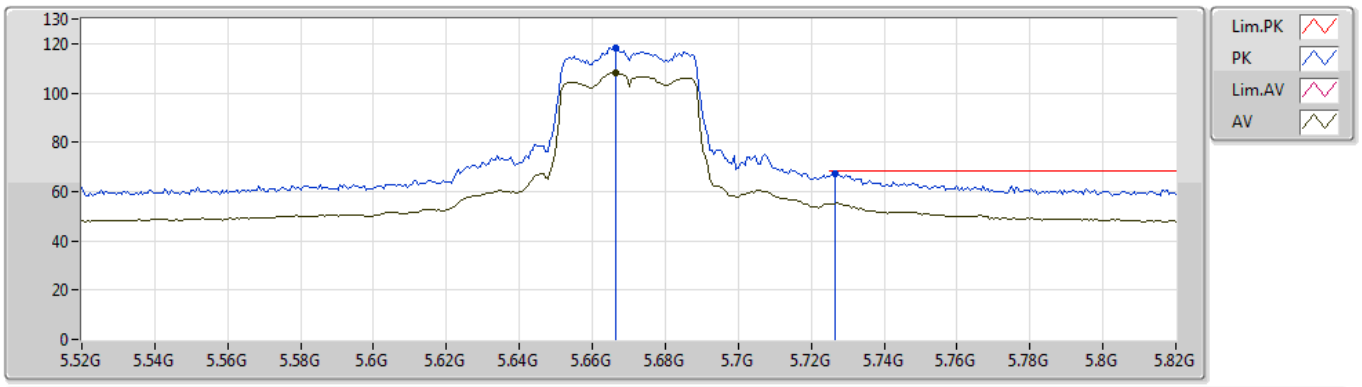
EUT Y_4TX
Setting 19
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.6646G	119.07	Inf	-Inf	6.02	3	Vertical	273	2.28	-	113.05
AV	5.667G	108.64	Inf	-Inf	6.00	3	Vertical	273	2.28	-	102.64
PK	5.7282G	67.82	68.20	-0.38	5.88	3	Vertical	273	2.28	-	61.94

802.11ac VHT40_Nss1,(MCS0)_4TX

5670MHz_TX

23/08/2019



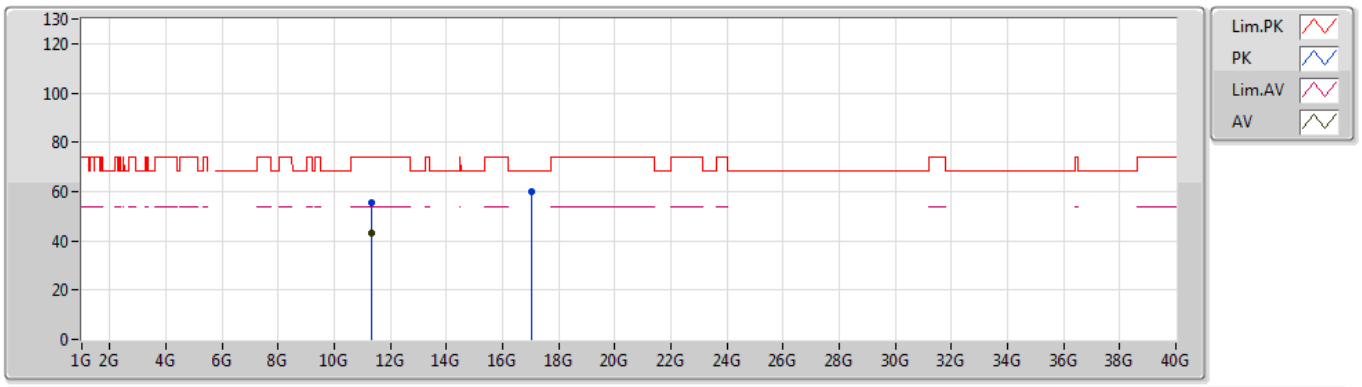
EUT Y_4TX
Setting 19
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.6664G	118.32	Inf	-Inf	6.00	3	Horizontal	24	2.48	-	112.32
AV	5.6664G	108.08	Inf	-Inf	6.00	3	Horizontal	24	2.48	-	102.08
PK	5.7264G	67.04	68.20	-1.16	5.89	3	Horizontal	24	2.48	-	61.15

802.11ac VHT40_Nss1,(MCS0)_4TX

5670MHz_TX

24/08/2019



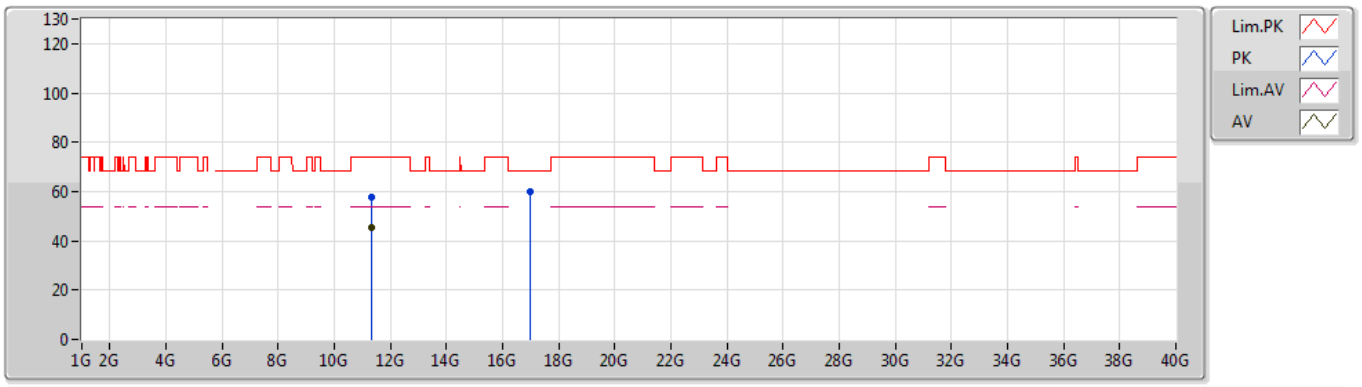
EUT Y_4TX
Setting 19
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.3287G	55.32	74.00	-18.68	12.92	3	Vertical	143	1.59	-	42.40
AV	11.3503G	43.03	54.00	-10.97	12.93	3	Vertical	143	1.59	-	30.10
PK	17.0089G	59.93	68.20	-8.27	16.18	3	Vertical	70	1.50	-	43.75

802.11ac VHT40_Nss1,(MCS0)_4TX

5670MHz_TX

24/08/2019



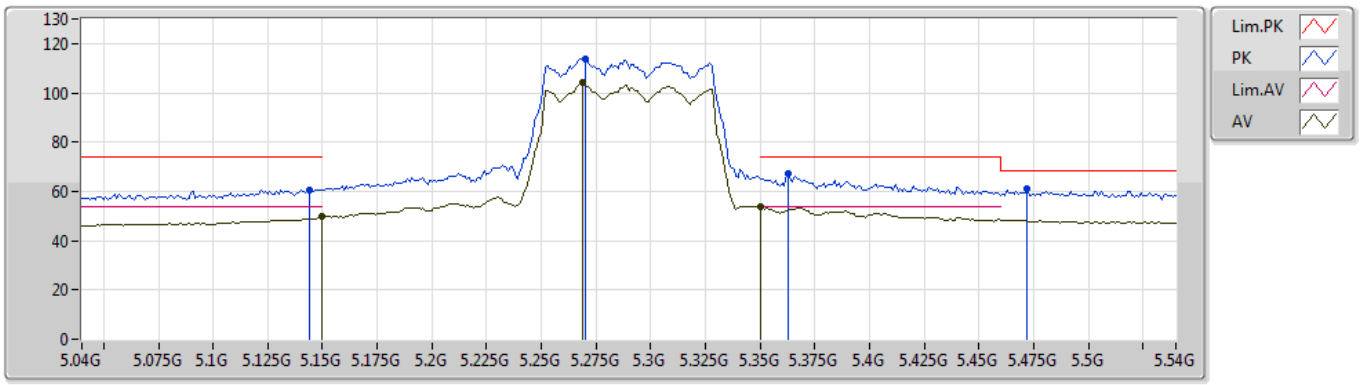
EUT Y_4TX
Setting 19
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.3465G	57.68	74.00	-16.32	12.92	3	Horizontal	216	1.50	-	44.76
AV	11.3456G	45.57	54.00	-8.43	12.92	3	Horizontal	216	1.50	-	32.65
PK	16.9951G	60.15	68.20	-8.05	16.12	3	Horizontal	12	1.50	-	44.03

802.11ac VHT80_Nss1,(MCS0)_4TX

23/08/2019

5290MHz_TX



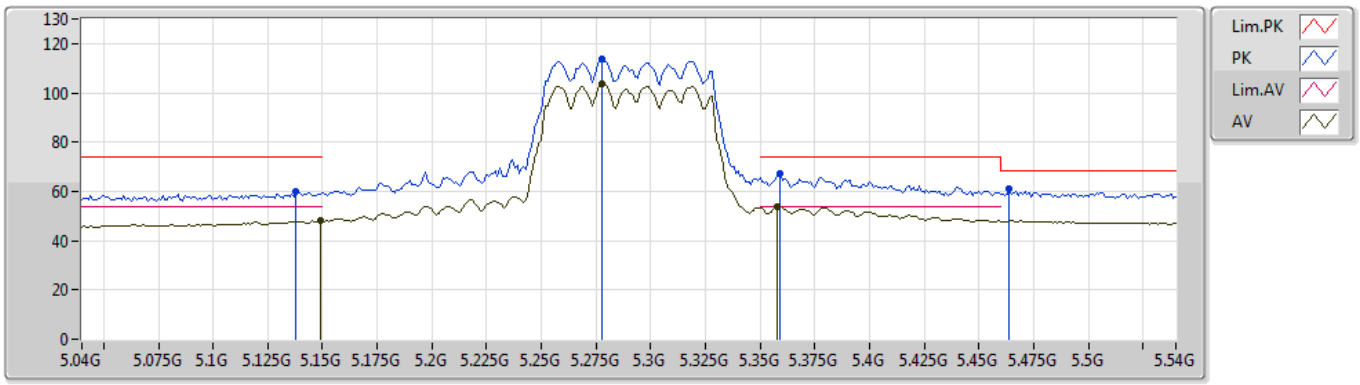
EUT Y_4TX
Setting 19.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.144G	60.74	74.00	-13.26	5.48	3	Vertical	307	2.57	-	55.26
AV	5.15G	49.62	54.00	-4.38	5.50	3	Vertical	307	2.57	-	44.12
PK	5.27G	113.97	Inf	-Inf	5.74	3	Vertical	307	2.57	-	108.23
AV	5.269G	104.13	Inf	-Inf	5.75	3	Vertical	307	2.57	-	98.38
PK	5.363G	67.22	74.00	-6.78	5.81	3	Vertical	307	2.57	-	61.41
AV	5.35G	53.73	54.00	-0.27	5.81	3	Vertical	307	2.57	-	47.92
PK	5.472G	60.93	68.20	-7.27	6.04	3	Vertical	307	2.57	-	54.89

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX

23/08/2019



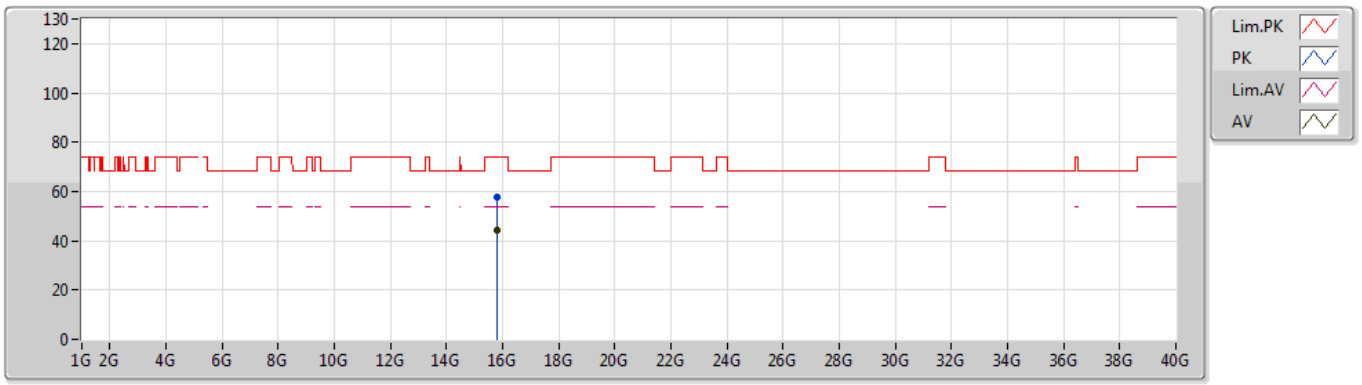
EUT Y_4TX
Setting 19.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.138G	60.05	74.00	-13.95	5.47	3	Horizontal	40	2.27	-	54.58
AV	5.149G	48.11	54.00	-5.89	5.50	3	Horizontal	40	2.27	-	42.61
PK	5.278G	113.50	Inf	-Inf	5.76	3	Horizontal	40	2.27	-	107.74
AV	5.278G	103.80	Inf	-Inf	5.76	3	Horizontal	40	2.27	-	98.04
PK	5.359G	67.01	74.00	-6.99	5.82	3	Horizontal	40	2.27	-	61.19
AV	5.358G	53.75	54.00	-0.25	5.82	3	Horizontal	40	2.27	-	47.93
PK	5.464G	60.92	68.20	-7.28	6.02	3	Horizontal	40	2.27	-	54.90

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX

24/08/2019



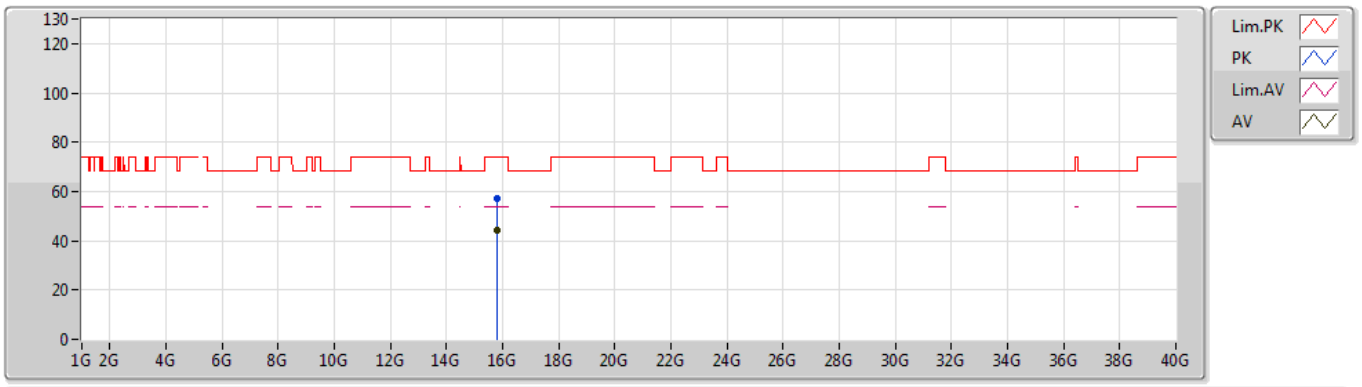
EUT Y_4TX
Setting 19.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.827G	57.97	74.00	-16.03	13.36	3	Vertical	220	1.18	-	44.61
AV	15.8228G	44.27	54.00	-9.73	13.38	3	Vertical	220	1.18	-	30.89

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz_TX

24/08/2019



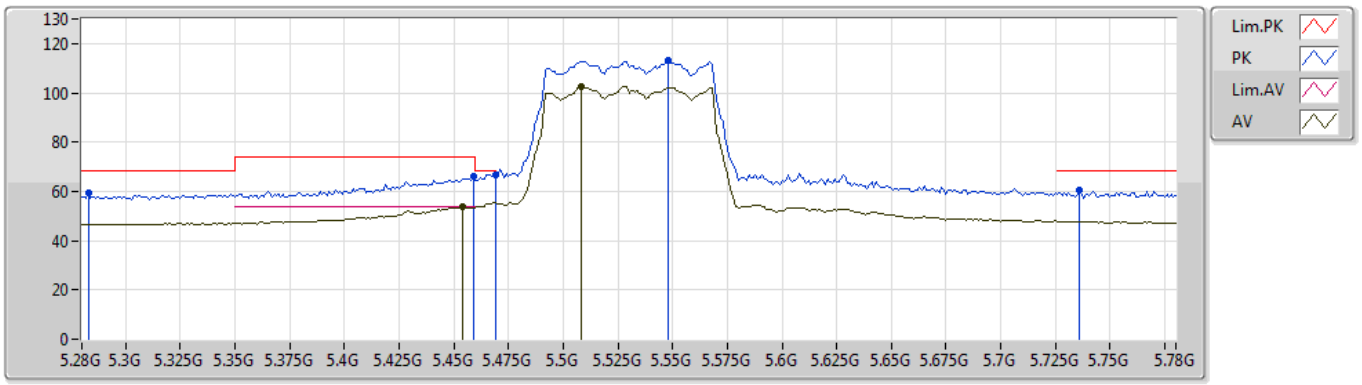
EUT Y_4TX
Setting 19.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	15.8224G	57.29	74.00	-16.71	13.38	3	Horizontal	206	1.49	-	43.91
AV	15.8254G	44.23	54.00	-9.77	13.36	3	Horizontal	206	1.49	-	30.87

802.11ac VHT80_Nss1,(MCS0)_4TX

23/08/2019

5530MHz_TX



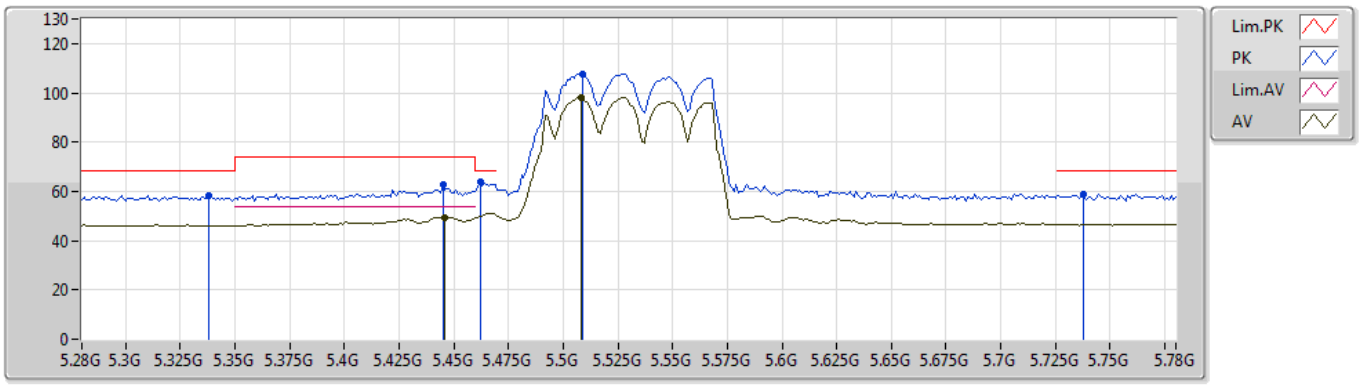
EUT Y_4TX
Setting 17.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.283G	59.30	68.20	-8.90	5.77	3	Vertical	310	2.20	-	53.53
PK	5.459G	66.28	74.00	-7.72	6.01	3	Vertical	310	2.20	-	60.27
AV	5.454G	53.93	54.00	-0.07	5.99	3	Vertical	310	2.20	-	47.94
PK	5.469G	66.79	68.20	-1.41	6.03	3	Vertical	310	2.20	-	60.76
AV	5.508G	102.81	Inf	-Inf	6.12	3	Vertical	310	2.20	-	96.69
PK	5.548G	112.92	Inf	-Inf	6.15	3	Vertical	310	2.20	-	106.77
PK	5.736G	60.44	68.20	-7.76	5.87	3	Vertical	310	2.20	-	54.57

802.11ac VHT80_Nss1,(MCS0)_4TX

23/08/2019

5530MHz_TX



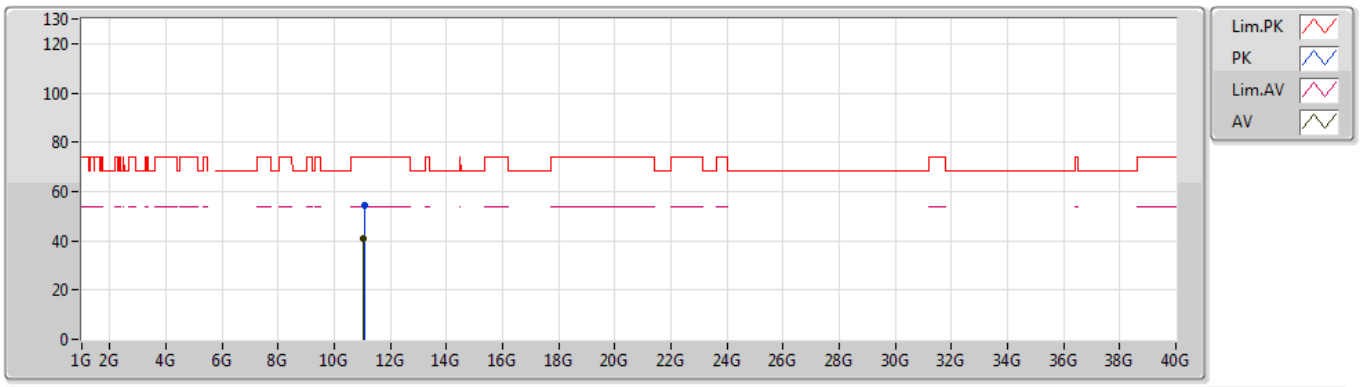
EUT Y_4TX
Setting 17.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.338G	58.51	68.20	-9.69	5.81	3	Horizontal	129	2.63	-	52.70
PK	5.445G	62.95	74.00	-11.05	5.97	3	Horizontal	129	2.63	-	56.98
AV	5.446G	49.37	54.00	-4.63	5.97	3	Horizontal	129	2.63	-	43.40
PK	5.462G	63.82	68.20	-4.38	6.01	3	Horizontal	129	2.63	-	57.81
PK	5.509G	107.85	Inf	-Inf	6.12	3	Horizontal	129	2.63	-	101.73
AV	5.508G	98.07	Inf	-Inf	6.12	3	Horizontal	129	2.63	-	91.95
PK	5.738G	59.11	68.20	-9.09	5.87	3	Horizontal	129	2.63	-	53.24

802.11ac VHT80_Nss1,(MCS0)_4TX

5530MHz_TX

24/08/2019



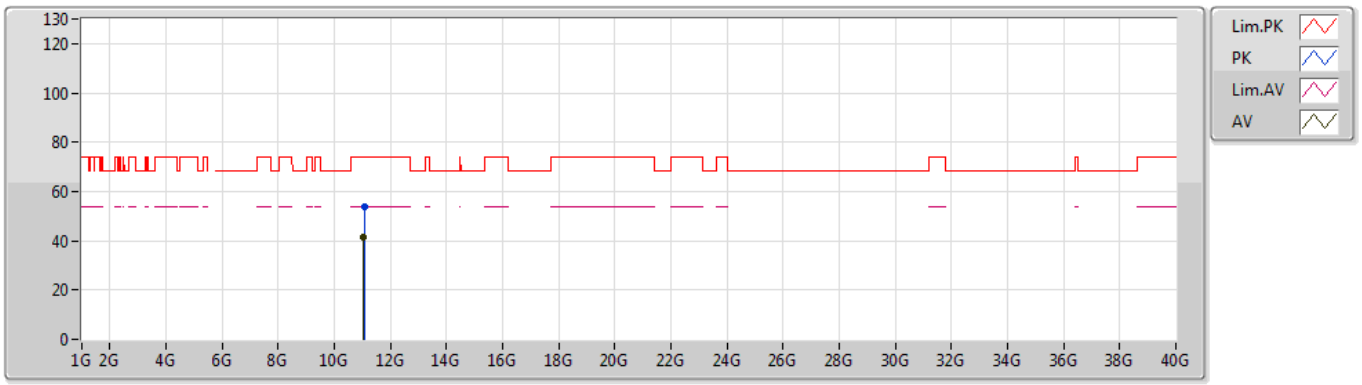
EUT Y_4TX
Setting 17.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.0874G	54.28	74.00	-19.72	12.79	3	Vertical	136	2.34	-	41.49
AV	11.0296G	41.02	54.00	-12.98	12.76	3	Vertical	136	2.34	-	28.26

802.11ac VHT80_Nss1,(MCS0)_4TX

5530MHz_TX

24/08/2019



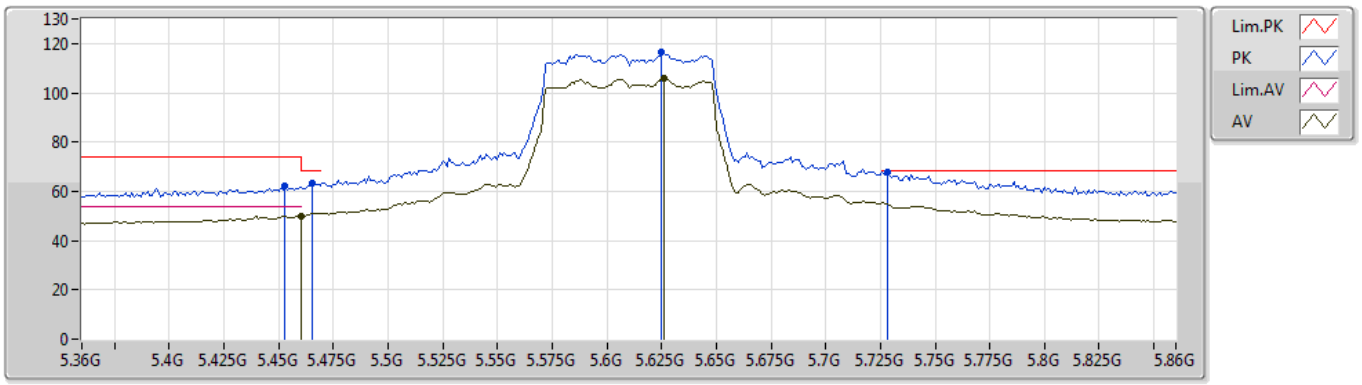
EUT Y_4TX
Setting 17.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.066G	53.95	74.00	-20.05	12.78	3	Horizontal	155	1.62	-	41.17
AV	11.0556G	41.19	54.00	-12.81	12.77	3	Horizontal	155	1.62	-	28.42

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

24/08/2019



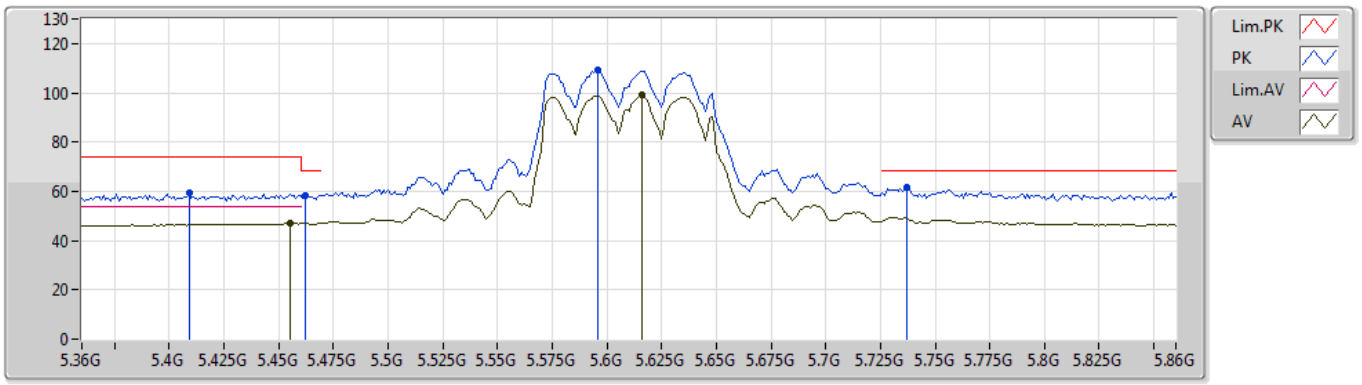
EUT Y_4TX
Setting 20.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.453G	61.97	74.00	-12.03	5.99	3	Vertical	276	2.31	-	55.98
PK	5.465G	63.12	68.20	-5.08	6.02	3	Vertical	276	2.31	-	57.10
AV	5.46G	49.76	54.00	-4.24	6.01	3	Vertical	276	2.31	-	43.75
PK	5.625G	116.56	Inf	-Inf	6.11	3	Vertical	276	2.31	-	110.45
AV	5.626G	105.88	Inf	-Inf	6.11	3	Vertical	276	2.31	-	99.77
PK	5.728G	67.91	68.20	-0.29	5.88	3	Vertical	276	2.31	-	62.03

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

24/08/2019



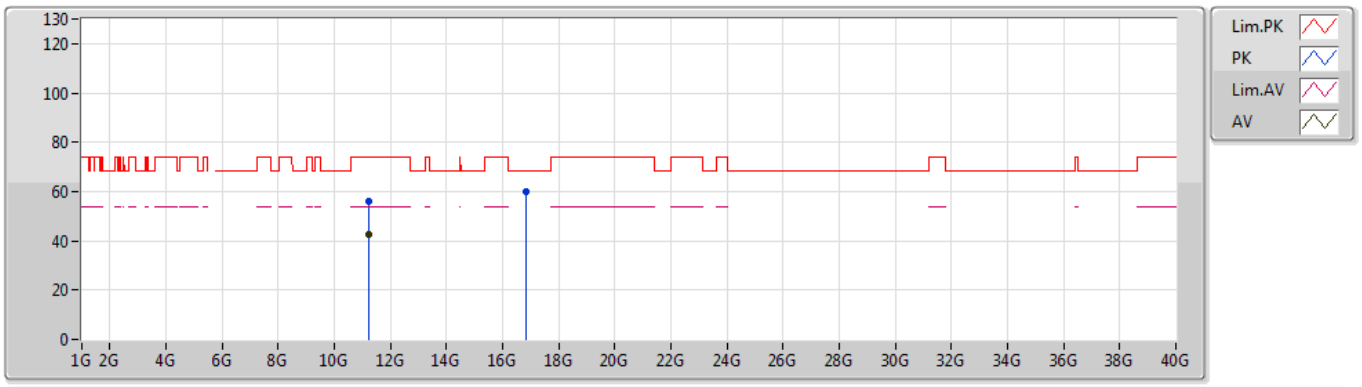
EUT Y_4TX
Setting 20.5
03-L-2-10
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	5.409G	59.19	74.00	-14.81	5.87	3	Horizontal	109	2.83	-	53.32
PK	5.462G	58.30	68.20	-9.90	6.01	3	Horizontal	109	2.83	-	52.29
AV	5.455G	47.31	54.00	-6.69	5.99	3	Horizontal	109	2.83	-	41.32
PK	5.596G	109.48	Inf	-Inf	6.16	3	Horizontal	109	2.83	-	103.32
AV	5.616G	99.38	Inf	-Inf	6.13	3	Horizontal	109	2.83	-	93.25
PK	5.737G	61.56	68.20	-6.64	5.87	3	Horizontal	109	2.83	-	55.69

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

24/08/2019



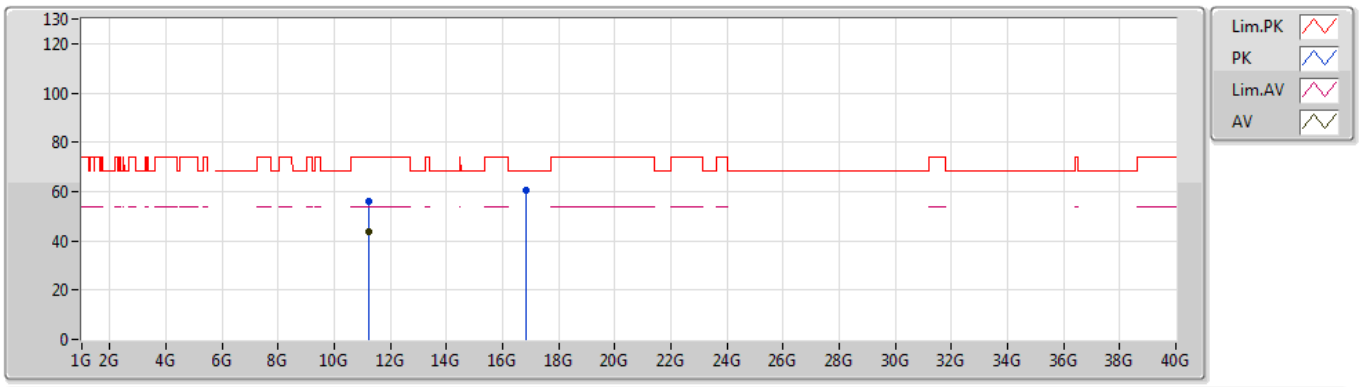
EUT Y_4TX
Setting 20.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.2264G	55.77	74.00	-18.23	12.86	3	Vertical	159	1.50	-	42.91
AV	11.2274G	42.78	54.00	-11.22	12.86	3	Vertical	159	1.50	-	29.92
PK	16.8344G	59.97	68.20	-8.23	15.57	3	Vertical	252	1.50	-	44.40

802.11ac VHT80_Nss1,(MCS0)_4TX

5610MHz_TX

24/08/2019



EUT Y_4TX
Setting 20.5
03-W-3
FSP(100080)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)
PK	11.2254G	56.28	74.00	-17.72	12.86	3	Horizontal	218	1.49	-	43.42
AV	11.2202G	43.64	54.00	-10.36	12.85	3	Horizontal	218	1.49	-	30.79
PK	16.8278G	60.26	68.20	-7.94	15.55	3	Horizontal	208	2.84	-	44.71