FCC Test Report

Equipment	:	CGA2121 FAMILY, 24x8 D3.0 GTWY
Brand Name	:	technicolor
Model No.	:	CGA2121
FCC ID	:	N89-CGA2121
Standard	:	47 CFR FCC Part 15.407
Operating Band	:	5250 MHz – 5350 MHz 5470 MHz – 5725 MHz
Applicant	:	CyberTAN Technology Inc. No. 99, Park Avenue III, Science-based Industrial Park Hsinchu, 308 Taiwan
Manufacturer	:	CyberTAN Technology Inc. No. 99, Park Avenue III, Science-based Industrial Park Hsinchu, 308 Taiwan
Function	:	☐ Outdoor; ☒ Indoor; ☐ Fixed P2P ☐ Client
TPC Function	:	☒ With TPC ☐ Without TPC

The product sample received on Nov. 27, 2017 and completely tested on Dec. 29, 2017. We, SPORTON, 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 test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Sam Chen
SPORTON INTERNATIONAL INC.

Testing Laboratory
1190

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Summary of Test Result

Conformance Test Specifications			
Report Clause	**Ref. Std. Clause**	**Description**	**Result**
1.1.2	15.203	Antenna Requirement	Complied
3.1	15.407(a)	Emission Bandwidth	Complied
3.2	15.407(a)	Maximum Conducted Output Power	Complied
3.3	15.407(a)	Peak Power Spectral Density	Complied
3.4	15.407(b)	Unwanted Emissions	Complied
3.5	15.407(g)	Frequency Stability	Complied

Revision History

Report No.	Version	Description	Issued Date
FR733013-02	Rev. 01	Initial issue of report	May 18, 2018

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	3TX
5.25-5.35GHz	802.11n HT20	20	3TX
5.25-5.35GHz	802.11n HT20-BF	20	3TX
5.25-5.35GHz	802.11ac VHT20	20	3TX
5.25-5.35GHz	802.11ac VHT20-BF	20	3TX
5.25-5.35GHz	802.11n HT40	40	3TX
5.25-5.35GHz	802.11n HT40-BF	40	3TX
5.25-5.35GHz	802.11ac VHT40	40	3TX
5.25-5.35GHz	802.11ac VHT40-BF	40	3TX
5.25-5.35GHz	802.11ac VHT80	80	3TX
5.25-5.35GHz	802.11ac VHT80-BF	80	3TX
5.47-5.725GHz	802.11a	20	3TX
5.47-5.725GHz	802.11n HT20	20	3TX
5.47-5.725GHz	802.11n HT20-BF	20	3TX
5.47-5.725GHz	802.11ac VHT20	20	3TX
5.47-5.725GHz	802.11ac VHT20-BF	20	3TX
5.47-5.725GHz	802.11n HT40	40	3TX
5.47-5.725GHz	802.11n HT40-BF	40	3TX
5.47-5.725GHz	802.11ac VHT40	40	3TX
5.47-5.725GHz	802.11ac VHT40-BF	40	3TX
5.47-5.725GHz	802.11ac VHT80	80	3TX
5.47-5.725GHz	802.11ac VHT80-BF	80	3TX

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

1.1.2 Antenna Information

Ant.	Port	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	2	ARISTOTLE	RFA-25-AP518-70BL-52	PCB Antenna	I-PEX	Note1
2	1	ARISTOTLE	RFA-25-AP518-70B-52	PCB Antenna	I-PEX	
3	3	ARISTOTLE	RFA-05-AP518-79-125	PCB Antenna	I-PEX	

Note1:

Ant.	Port	Gain (dBi)				
		2.4GHz	5GHz Band 1	5GHz Band 2	5GHz Band 3	5GHz Band 4
1	2	3.5	4.5	3.4	3.5	4.5
2	1	3.0	4.0	3.3	3.4	4.0
3	3	-	4.5	3.0	3.0	4.5

Note2: The EUT has three antennas.

<For 2.4GHz Band>

For IEEE 802.11b mode (1TX/2RX)

The EUT supports 1TX/2RX function, and it supports TX diversity function.

Both Port 1 and Port 2 could be used as transmitting antenna, but only one of them will be used at one time. Port 1 and Port 2 could receive simultaneously.

For TX function: Port 2 generated the worst case than Port 1, so it is tested and recorded in the report.

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

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

Port 1 and Port 2 could transmit/receive simultaneously.

<For 5GHz Band>

For IEEE 802.11a/n/ac mode (3TX/3RX)

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

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

1.1.3 Mode Test Duty Cycle

Mode	DC	DCF(dB)	T(s)	VBW(Hz) ≥ 1/T
802.11a	0.988	0.052	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT20-BF	0.986	0.061	n/a (DC>=0.98)	n/a (DC>=0.98)
802.11ac VHT40	0.971	0.128	952.5u	3k
802.11ac VHT40-BF	0.971	0.128	952.5u	3k
802.11ac VHT80	0.944	0.25	460.625u	3k
802.11ac VHT80-BF	0.944	0.25	460.625u	3k

1.1.4 EUT Operational Condition

EUT Power Type	From Power Adapter			
Beamforming Function	☒	With beamforming for 802.11n/ac in 5GHz	☐	Without beamforming
Weather Band	☒	With 5600~5650MHz	☐	Without 5600~5650MHz
Test Software Version	MTool_2.0.1.0			

1.1.5 Table for Multiple Listing

The two EUTs which are identical to each other in all aspects except for the following table:

EUT	EUT 1		EUT 2	
Location	**Value**	**Part Number**	**Value**	**Part Number**
C1304	4.7pF	202.01109.025	C/7.5pF +-0.1pF/0402/NPO	202.01280.005
C1305	20pF	202.00069.005	39pF	202.01305.005
C1306	20pF	202.00069.005	36pF	202.01334.005
C1307	11pF	202.01395.005	27pF	202.01149.025
C1308	18pF	202.00056.005	47pF	202.01293.005
C1309	27pF	202.01149.025	56pF	202.01236.005
C1310	20pF	202.00069.005	39pF	202.01305.005
C1311	22pF	202.01137.015	36pF	202.01334.005
C1312	27pF	202.01149.025	62pF	202.01335.005
C1320	33pF	202.00097.005	56pF	202.00125.005
C1325	16pF	202.01201.005	33pF	202.01297.005
C1326	13pF	202.00048.005	36pF	202.01334.005
C1327	13pF	202.00048.005	30pF	202.01304.005
C1328	36pF	202.01122.005	68pF	202.01313.005

C1329	27pF	202.01149.025	47pF	202.01293.005
C1330	150pF	202.01121.005	220pF	202.01336.005
L1300	150nH	132.00596.005	330nH	132.01497.005
L1301	100nH	132.01595.005	220nH	132.01484.005
L1302	100nH	132.01595.005	220nH	132.01484.005
L1303	150nH	132.00596.005	270nH	132.00595.005
L1308	220nH	132.01312.005	390nH	132.00715.005
L1313	120nH	132.00837.005	270nH	132.01234.005
L1315	120nH	132.00837.005	330nH	2005-21330011R
L1317	82nH	132.01116.005	180nH	2005-21180008R

Note:
1. From the above models, EUT 1 was selected as representative model for the test and its data was recorded in this report.
2. There are two colors (White / Black) of the EUT and all material of them are identical except for the case color.

1.1.6 Table for Class II Change

This product is an extension of original one reported under Sporton project number: FR733013-01AB

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

Modifications	Performance Checking
Adding 5GHz Band 2 and Band 3 (5250~5350 MHz, 5470~5725 MHz) for this device.	It was performed for all tests.

1.2 Testing Applied Standards

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

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

1.3 Testing Location Information

Testing Location							
☐	HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.			
		TEL	:	886-3-327-3456	FAX	:	886-3-318-0055
☒	JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.			
		TEL	:	886-3-656-9065	FAX	:	886-3-656-9085

Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
RF Conducted	TH01-CB	Brian Sun	22°C / 54%	Nov. 27, 2017~Dec. 29, 2017
Radiated	03CH01-CB	Cola Fan & Zero Chen	23.5°C / 65%	Dec. 05, 2017~Dec. 28, 2017

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)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%
Output Power Measurement	1.33 dB	Confidence levels of 95%
Power Density Measurement	1.27 dB	Confidence levels of 95%
Bandwidth Measurement	9.74×10^{-8}	Confidence levels of 95%
Frequency Stability	6.06×10^{-8}	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Mode	Power Setting
802.11a_Nss1,(6Mbps)_3TX	-
5260MHz	66
5300MHz	66
5320MHz	66
5500MHz	66
5580MHz	66
5700MHz	66
802.11ac VHT20_Nss1,(MCS0)_3TX	-
5260MHz	67
5300MHz	67
5320MHz	67
5500MHz	67
5580MHz	67
5700MHz	67
802.11ac VHT40_Nss1,(MCS0)_3TX	-
5270MHz	71
5310MHz	70
5510MHz	63
5550MHz	72
5670MHz	72
802.11ac VHT80_Nss1,(MCS0)_3TX	-
5290MHz	64
5530MHz	62
5610MHz	72
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-
5260MHz	59
5300MHz	60
5320MHz	60
5500MHz	60
5580MHz	60
5700MHz	60

802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-
5270MHz	60
5310MHz	60
5510MHz	60
5550MHz	60
5670MHz	60
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-
5290MHz	59
5530MHz	60
5610MHz	60

Note:
1. VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
2. There are two functions of EUT, one is beamforming function, and the other is non-beamforming function for 802.11n/ac in 5GHz band. All test results were recorded in the report.

2.2 The Worst Case Measurement Configuration

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

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
1	EUT 1 in Y axis

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	EUT 1 - WLAN 5GHz +WLAN 2.4GHz
Refer to Sporton Test Report No.: FA733013-02 for Co-location RF Exposure Evaluation.	

Note: The EUT can only be used in Y axis position.

2.3 EUT Operation during Test

For CTX Mode:
non-beamforming mode:
The EUT was programmed to be in continuously transmitting mode.

beamforming mode:
For Conducted Mode:
The EUT was programmed to be in continuously transmitting mode.
For Radiated Mode:
During the test, the following programs under WIN 7 were executed.
The program was executed as follows:
1. During the test, the EUT operation to normal function.
2. Executed command fixed test channel under LanTest.
3. Executed "Lantest.exe" to link with the remote workstation to transmit and receive packet by RX Device and transmit duty cycle no less than 98%.

2.4 Accessories

Accessories				
Equipment Name	**Brand Name**	**Model Name**	**ID**	**Rating**
Adapter	AcBel	WAG032	XXXX (X=A~Z or 0~9) (Note)	INPUT: 100-120V~Max.0.8A, 60Hz OUTPUT: 12V, 2.5A

Note:
1. The first and second "X" of the ID represents the customer code.
2. The third "X" of the ID represents product variant / revision.
3. The fourth "X" of the ID represents the Environmental Class.

2.5 Support Equipment

For Test Site No: 03CH01-CB (above 1GHz)
For non-beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

For beamforming mode:

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB*2	DELL	E4300	DoC
2	RX Device (WLAN module)	Boardcom	BCM943162ZP	QDS-BRCM1075

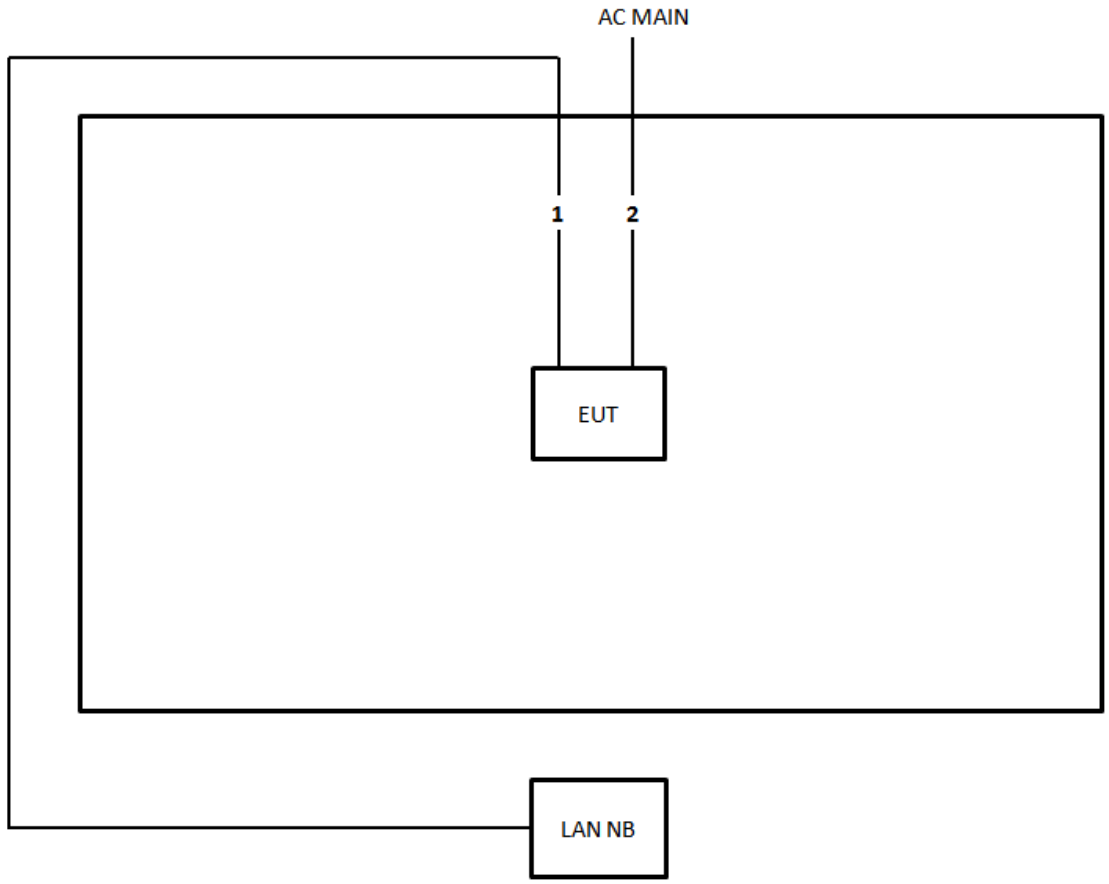
For Test Site No: TH01-CB

Support Equipment				
No.	**Equipment**	**Brand Name**	**Model Name**	**FCC ID**
1	NB	DELL	E4300	DoC

2.6 Test Setup Diagram

For non-beamforming mode:

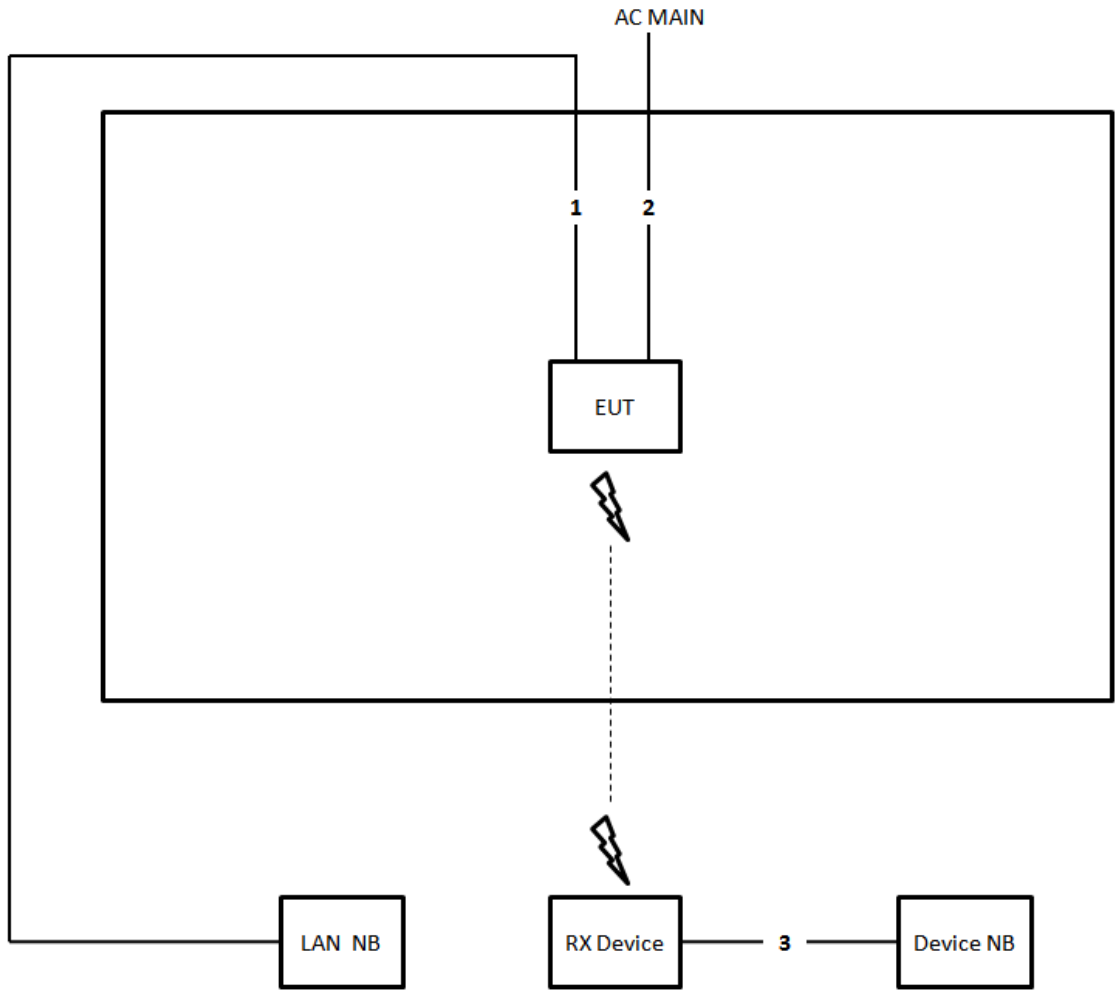
Test Setup Diagram - Radiated Test > 1GHz



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

For beamforming mode:

Test Setup Diagram - Radiated Test > 1GHz



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

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

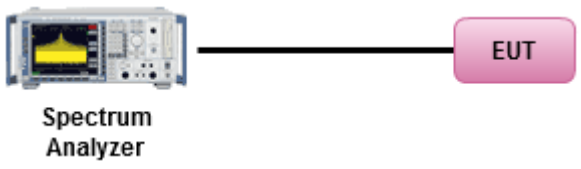
Refer a test equipment and calibration data table in this test report.

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 peak power spectral density (PPSD) ≤ 4 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 10 dBm/MHz.
☐	For the 5.25-5.35 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
	▪ e.i.r.p. greater than 200 mW shall comply with the following e.i.r.p. at different elevations, where θ is the angle above the local horizontal plane (of the Earth) as shown below: -13 dBW/MHz for 0° ≤ θ < 8° ; -13 − 0.716 (θ-8) dBW/MHz for 8° ≤ θ < 40° -35.9 − 1.22 (θ-40) dBW/MHz for 40° ≤ θ ≤ 45° ; -42 dBW/MHz for θ > 45°
☐	For the 5.47-5.6 GHz band and 5.65-5.725 GHz band, the peak power spectral density (PPSD) ≤ 11 dBm/MHz and the e.i.r.p. peak power spectral density (PPSD) ≤ 17 dBm/MHz.
☐	For the 5.725-5.85 GHz band:
	▪ Point-to-multipoint systems (P2M): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz. If G_{TX} > 6 dBi, then PPSD= 30 – (G_{TX} – 6).
	▪ Point-to-point systems (P2P): the peak power spectral density (PPSD) ≤ 30 dBm/500kHz.
PPSD = peak power spectral density that he same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz **G_{TX}** = the maximum transmitting antenna directional gain in dBi.	

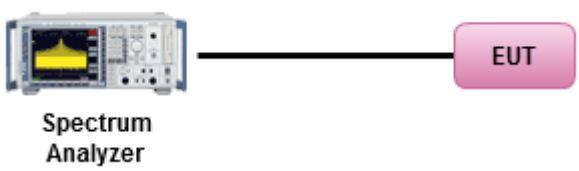
3.3.2 Measuring Instruments

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 Radiated Unwanted Emissions Limit

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

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

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

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

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

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

3.4.2 Measuring Instruments

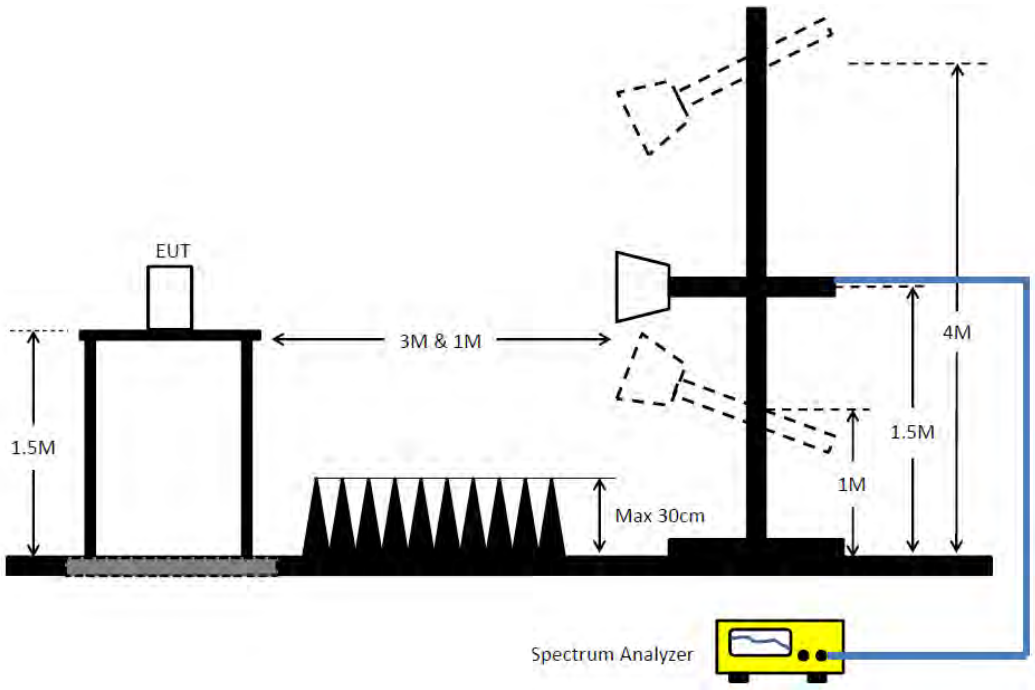
Refer a test equipment and calibration data table in this test report.

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 H)2) for unwanted emissions into non-restricted bands.	
	▪ Refer as FCC KDB 789033, clause H)1) for unwanted emissions into restricted bands.	
		☐ Refer as FCC KDB 789033, H)6) Method AD (Trace Averaging).
		☒ Refer as FCC KDB 789033, H)6) Method VB (Reduced VBW).
		☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW). VBW ≥ 1/T, where T is pulse time.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions.
		☒ Refer as FCC KDB 789033, clause H)5) measurement procedure peak limit.
		☐ Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.
▪ For radiated measurement.		
	▪ Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.	
	▪ Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1GHz.	
▪ The any unwanted emissions level shall not exceed the fundamental emission level.		
▪ All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.		

3.4.4 Test Setup

Transmitter Radiated Unwanted Emissions
Above 1GHz



3.4.5 Test Result of Transmitter Unwanted Emissions

Refer as Appendix D

3.5 Frequency Stability

3.5.1 Frequency Stability Limit

Frequency Stability Limit
UNII Devices
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
LE-LAN Devices
▪ N/A
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

3.5.2 Measuring Instruments

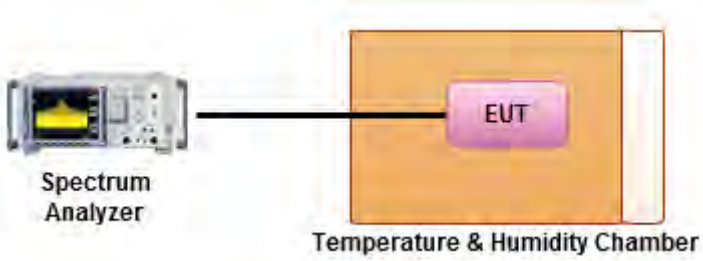
Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪ Frequency stability with respect to ambient temperature
	▪ Frequency stability when varying supply voltage
	▪ Extreme temperature is 0℃~40℃.

3.5.4 Test Setup

Frequency Stability



3.5.5 Test Result of Frequency Stability

Refer as Appendix E

4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 20, 2017	Nov. 19, 2018	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 05, 2017	Jul. 04, 2018	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Jan. 15, 2018	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jul. 10, 2017	Jul. 09, 2018	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 23, 2017	Nov. 22, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
High Pass Filter	WI	5G High pass	CB5G-HP-01	1 GHz - 18 GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Band Rejector	MTJ	5G Band Rejector	CB5G-BRJ-01-B1	1GHz ~ 10GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Band Rejector	MTJ	5G Band Rejector	CB5G-BRJ-01-B2	1GHz ~ 10GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Band Rejector	MTJ	5G Band Rejector	CB5G-BRJ-01-B3	1GHz ~ 10GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Band Rejector	MTJ	5G Band Rejector	CB5G-BRJ-01-B4	1GHz ~ 10GHz	Oct. 11, 2017	Oct. 10, 2018	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	101027	9kHz~40GHz	Jul. 04, 2017	Jul. 03, 2018	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Jun. 01, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-06	1 GHz – 26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-07	1 GHz–26.5 GHz	Oct. 11, 2017	Oct. 10, 2018	Conducted (TH01-CB)

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

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

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)_3TX	20.3M	16.567M	16M6D1D	19.8M	16.492M
802.11ac VHT20_Nss1,(MCS0)_3TX	20.75M	17.716M	17M7D1D	20.275M	17.641M
802.11ac VHT40_Nss1,(MCS0)_3TX	40.35M	36.332M	36M3D1D	39.5M	36.232M
802.11ac VHT80_Nss1,(MCS0)_3TX	82.4M	75.762M	75M8D1D	81.6M	75.562M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	20.725M	17.691M	17M7D1D	20.275M	17.641M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	40.25M	36.282M	36M3D1D	39.4M	36.182M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	82.6M	75.762M	75M8D1D	81.9M	75.462M
5.47-5.725GHz	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	20.425M	16.617M	16M6D1D	19.875M	16.492M
802.11ac VHT20_Nss1,(MCS0)_3TX	20.775M	17.741M	17M7D1D	20.275M	17.666M
802.11ac VHT40_Nss1,(MCS0)_3TX	45M	36.332M	36M3D1D	39.35M	36.182M
802.11ac VHT80_Nss1,(MCS0)_3TX	92.5M	75.762M	75M8D1D	82M	75.562M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	20.75M	17.716M	17M7D1D	20.275M	17.641M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	40.1M	36.282M	36M3D1D	39.3M	36.132M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	82.6M	75.862M	75M9D1D	81.7M	75.462M

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

Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	19.95M	16.492M	20.275M	16.567M	20.3M	16.542M
5300MHz	Pass	Inf	19.825M	16.517M	20M	16.567M	20.25M	16.542M
5320MHz	Pass	Inf	19.8M	16.542M	20.2M	16.542M	20.25M	16.542M
5500MHz	Pass	Inf	19.925M	16.517M	20.325M	16.542M	20.375M	16.617M
5580MHz	Pass	Inf	20.075M	16.567M	20.4M	16.542M	20.2M	16.567M
5700MHz	Pass	Inf	19.875M	16.492M	20.25M	16.542M	20.425M	16.517M
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.275M	17.666M	20.675M	17.716M	20.55M	17.716M
5300MHz	Pass	Inf	20.325M	17.641M	20.55M	17.691M	20.425M	17.666M
5320MHz	Pass	Inf	20.3M	17.691M	20.75M	17.716M	20.475M	17.691M
5500MHz	Pass	Inf	20.275M	17.691M	20.675M	17.691M	20.425M	17.666M
5580MHz	Pass	Inf	20.275M	17.666M	20.75M	17.691M	20.45M	17.691M
5700MHz	Pass	Inf	20.425M	17.691M	20.625M	17.741M	20.775M	17.691M
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.5M	36.332M	40.35M	36.232M	39.75M	36.282M
5310MHz	Pass	Inf	39.55M	36.232M	40.1M	36.232M	39.55M	36.232M
5510MHz	Pass	Inf	39.35M	36.232M	40.05M	36.182M	39.55M	36.232M
5550MHz	Pass	Inf	39.55M	36.332M	45M	36.232M	39.85M	36.282M
5670MHz	Pass	Inf	39.55M	36.282M	40.35M	36.232M	39.8M	36.182M
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.2M	75.562M	82.4M	75.762M	81.6M	75.562M
5530MHz	Pass	Inf	82M	75.662M	82.6M	75.762M	82.3M	75.562M
5610MHz	Pass	Inf	82.3M	75.562M	92.5M	75.662M	87.8M	75.762M
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	20.3M	17.666M	20.55M	17.666M	20.5M	17.666M
5300MHz	Pass	Inf	20.275M	17.691M	20.725M	17.666M	20.5M	17.666M
5320MHz	Pass	Inf	20.375M	17.641M	20.7M	17.666M	20.375M	17.666M
5500MHz	Pass	Inf	20.425M	17.641M	20.65M	17.691M	20.65M	17.666M
5580MHz	Pass	Inf	20.4M	17.691M	20.75M	17.666M	20.475M	17.666M
5700MHz	Pass	Inf	20.275M	17.691M	20.65M	17.716M	20.525M	17.666M
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	39.5M	36.182M	40.25M	36.232M	39.65M	36.282M
5310MHz	Pass	Inf	39.6M	36.182M	39.95M	36.232M	39.4M	36.182M
5510MHz	Pass	Inf	39.35M	36.232M	40M	36.232M	39.5M	36.232M
5550MHz	Pass	Inf	39.4M	36.232M	40.1M	36.182M	39.45M	36.232M
5670MHz	Pass	Inf	39.6M	36.132M	39.95M	36.182M	39.3M	36.282M
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	82.3M	75.462M	82.6M	75.762M	81.9M	75.662M
5530MHz	Pass	Inf	81.9M	75.462M	82.5M	75.862M	81.7M	75.662M
5610MHz	Pass	Inf	82.3M	75.562M	82.6M	75.762M	81.9M	75.662M

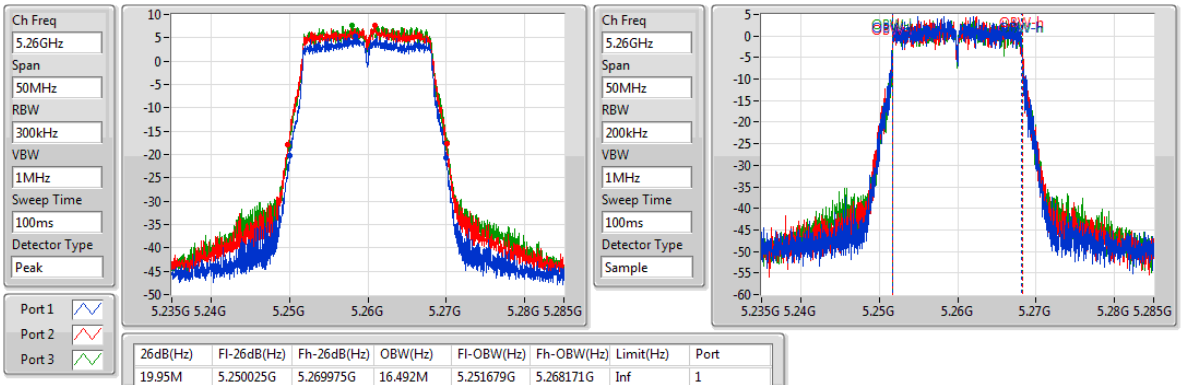
Port X-N dB = Port **X** 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band
Port X-OBW = Port **X** 99% occupied bandwidth;

802.11a_Nss1,(6Mbps)_3TX

EBW

5260MHz

28/12/2017



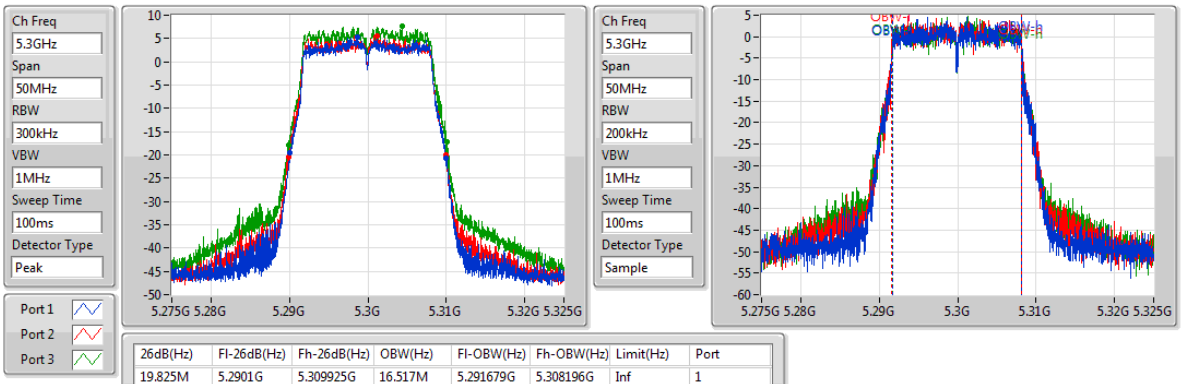
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.95M	5.250025G	5.269975G	16.492M	5.251679G	5.268171G	Inf	1
20.275M	5.249775G	5.27005G	16.567M	5.251654G	5.268221G	Inf	2
20.3M	5.24985G	5.27015G	16.542M	5.251679G	5.268221G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5300MHz

28/12/2017



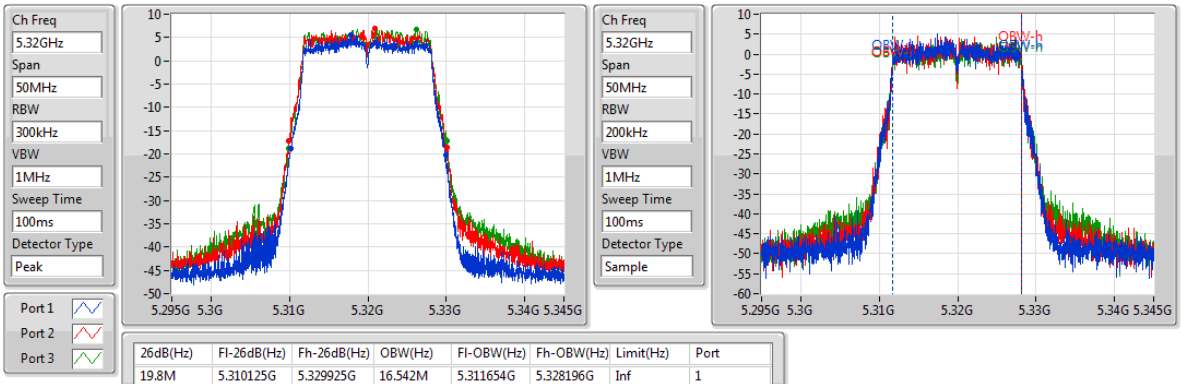
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.825M	5.2901G	5.309925G	16.517M	5.291679G	5.308196G	Inf	1
20M	5.28995G	5.30995G	16.567M	5.291629G	5.308196G	Inf	2
20.25M	5.289875G	5.310125G	16.542M	5.291654G	5.308196G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5320MHz

28/12/2017



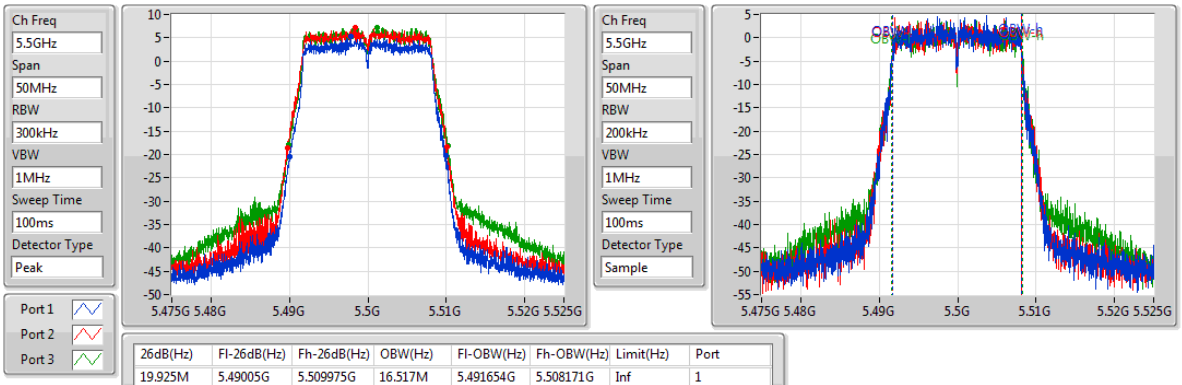
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.8M	5.310125G	5.329925G	16.542M	5.311654G	5.328196G	Inf	1
20.2M	5.309925G	5.330125G	16.542M	5.311654G	5.328196G	Inf	2
20.25M	5.30985G	5.3301G	16.542M	5.311654G	5.328196G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5500MHz

28/12/2017



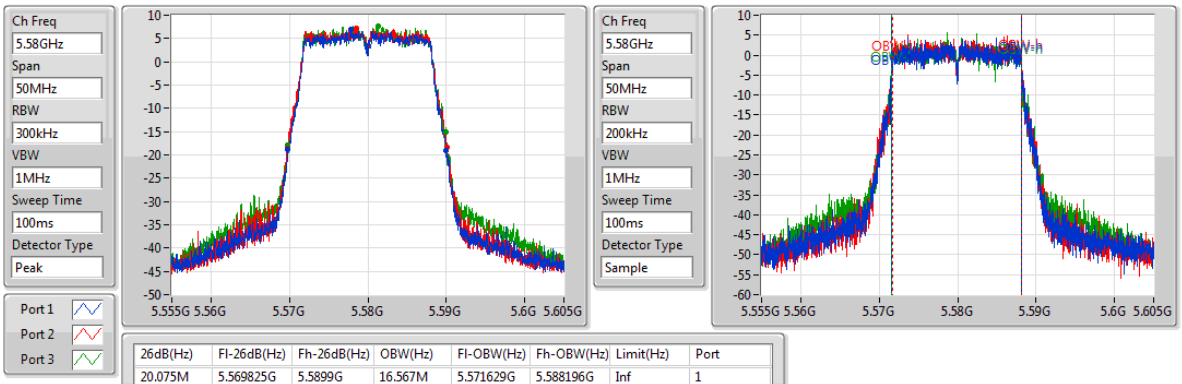
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.925M	5.49005G	5.509975G	16.517M	5.491654G	5.508171G	Inf	1
20.325M	5.489775G	5.5101G	16.542M	5.491654G	5.508196G	Inf	2
20.375M	5.48985G	5.510225G	16.617M	5.491629G	5.508246G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5580MHz

28/12/2017



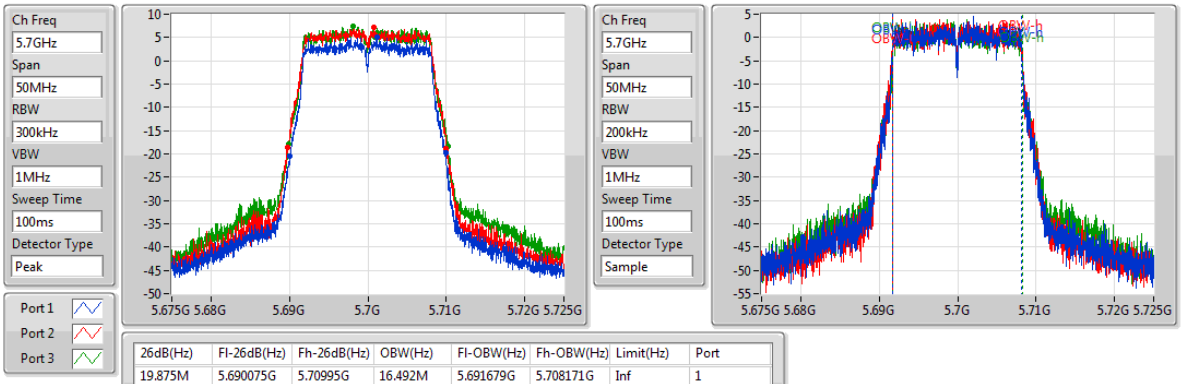
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.075M	5.569825G	5.5899G	16.567M	5.571629G	5.588196G	Inf	1
20.4M	5.56975G	5.59015G	16.542M	5.571654G	5.588196G	Inf	2
20.2M	5.569825G	5.590025G	16.567M	5.571629G	5.588196G	Inf	3

802.11a_Nss1,(6Mbps)_3TX

EBW

5700MHz

28/12/2017



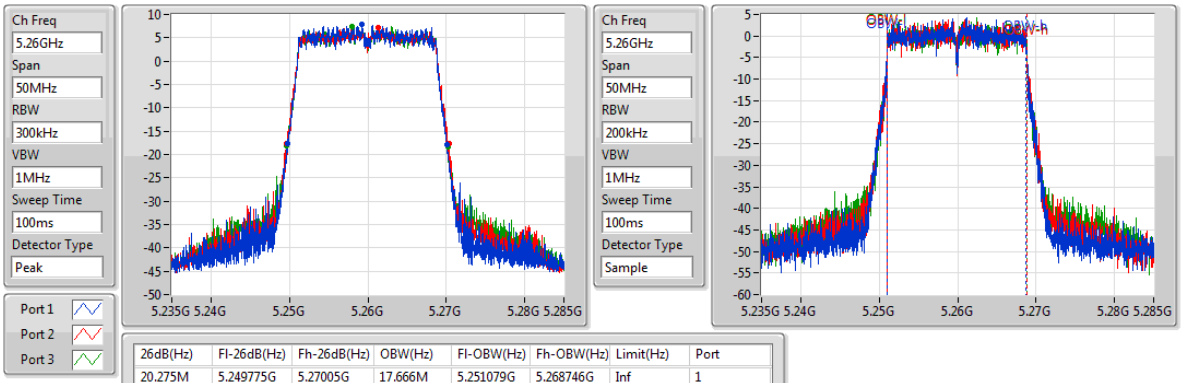
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
19.875M	5.690075G	5.70995G	16.492M	5.691679G	5.708171G	Inf	1
20.25M	5.689775G	5.710025G	16.542M	5.691654G	5.708196G	Inf	2
20.425M	5.68985G	5.710275G	16.517M	5.691704G	5.708221G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5260MHz

28/12/2017



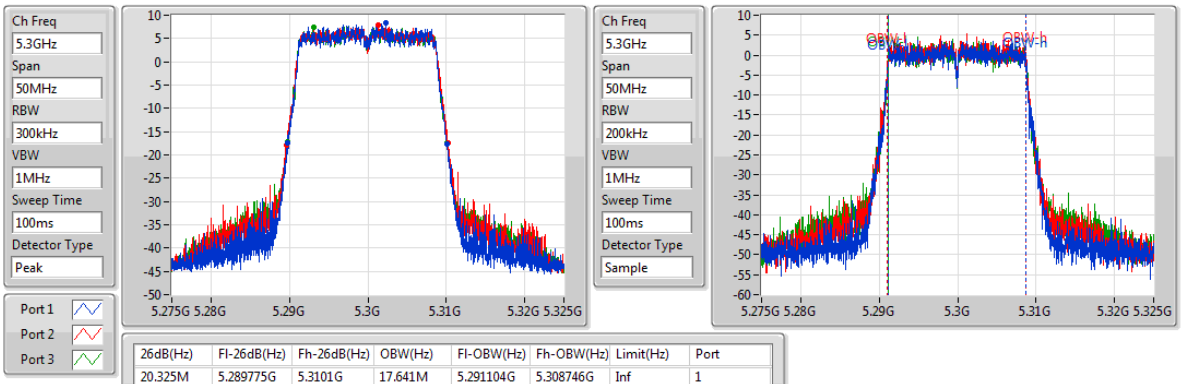
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.275M	5.249775G	5.27005G	17.666M	5.251079G	5.268746G	Inf	1
20.675M	5.249675G	5.27035G	17.716M	5.251079G	5.268796G	Inf	2
20.55M	5.24965G	5.2702G	17.716M	5.251079G	5.268796G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5300MHz

28/12/2017



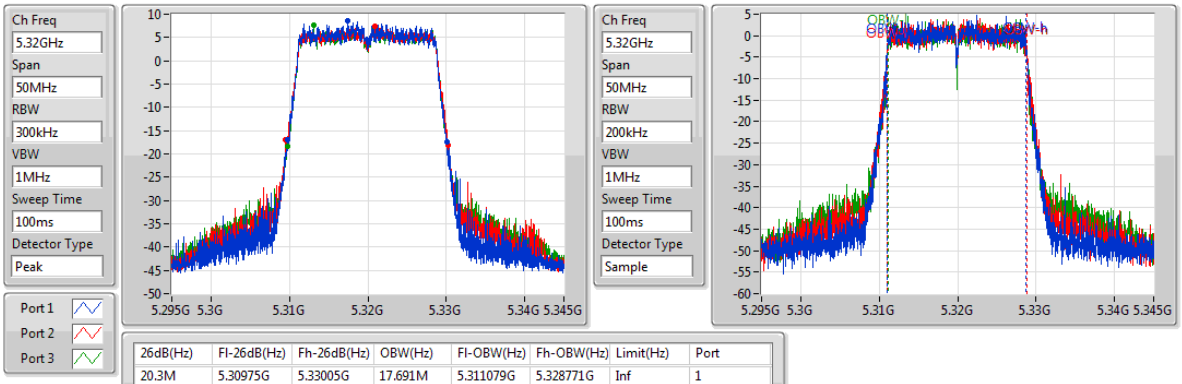
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.325M	5.289775G	5.3101G	17.641M	5.291104G	5.308746G	Inf	1
20.55M	5.28965G	5.3102G	17.691M	5.291079G	5.308771G	Inf	2
20.425M	5.289725G	5.31015G	17.666M	5.291104G	5.308771G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5320MHz

28/12/2017



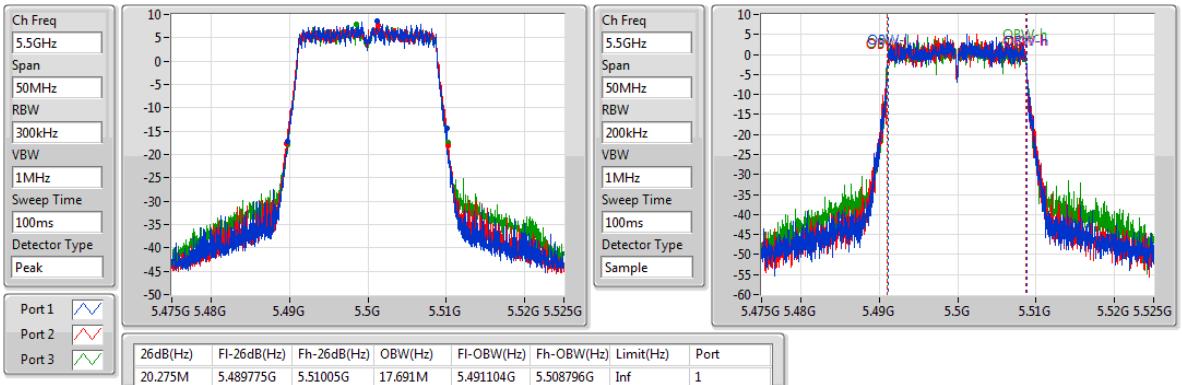
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.3M	5.30975G	5.33005G	17.691M	5.311079G	5.328771G	Inf	1
20.75M	5.309525G	5.330275G	17.716M	5.311079G	5.328796G	Inf	2
20.475M	5.309725G	5.3302G	17.691M	5.311104G	5.328796G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5500MHz

29/12/2017



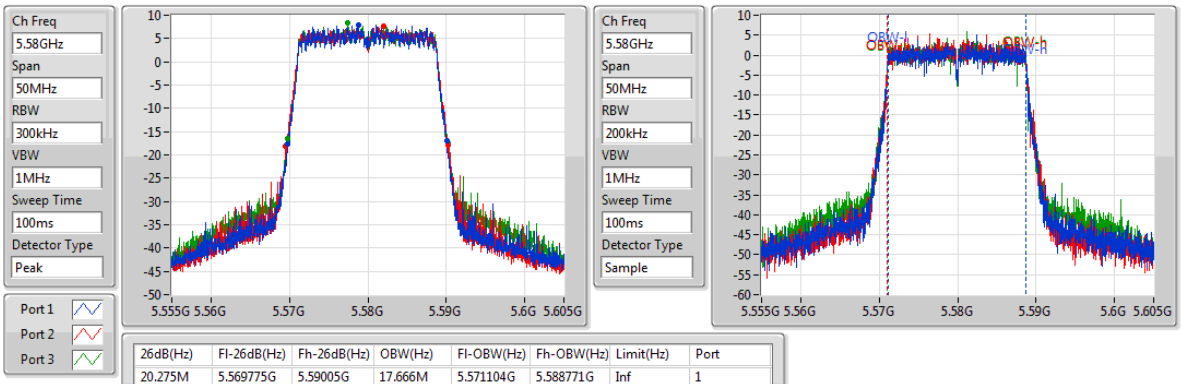
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.275M	5.489775G	5.51005G	17.691M	5.491104G	5.508796G	Inf	1
20.675M	5.489575G	5.51025G	17.691M	5.491079G	5.508771G	Inf	2
20.425M	5.489775G	5.5102G	17.666M	5.491079G	5.508746G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5580MHz

29/12/2017



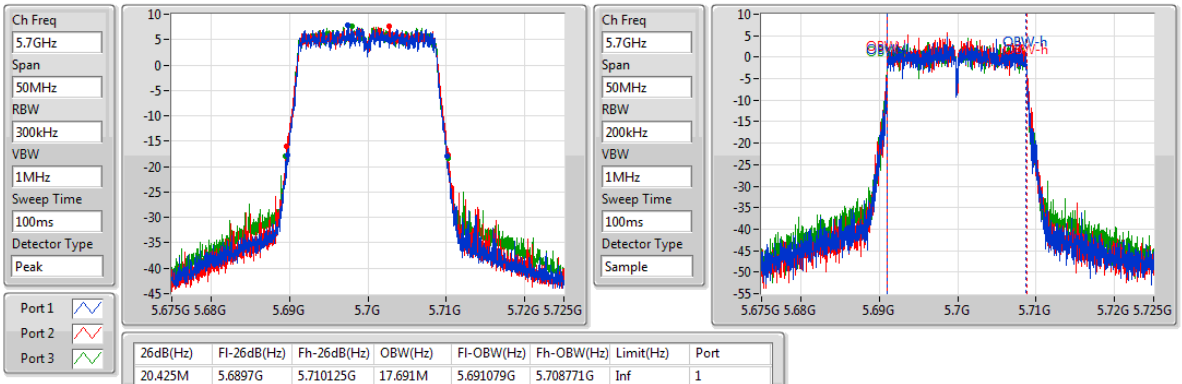
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.275M	5.569775G	5.59005G	17.666M	5.571104G	5.588771G	Inf	1
20.75M	5.56955G	5.5903G	17.691M	5.571079G	5.588771G	Inf	2
20.45M	5.569725G	5.590175G	17.691M	5.571079G	5.588771G	Inf	3

802.11ac VHT20_Nss1,(MCS0)_3TX

EBW

5700MHz

29/12/2017



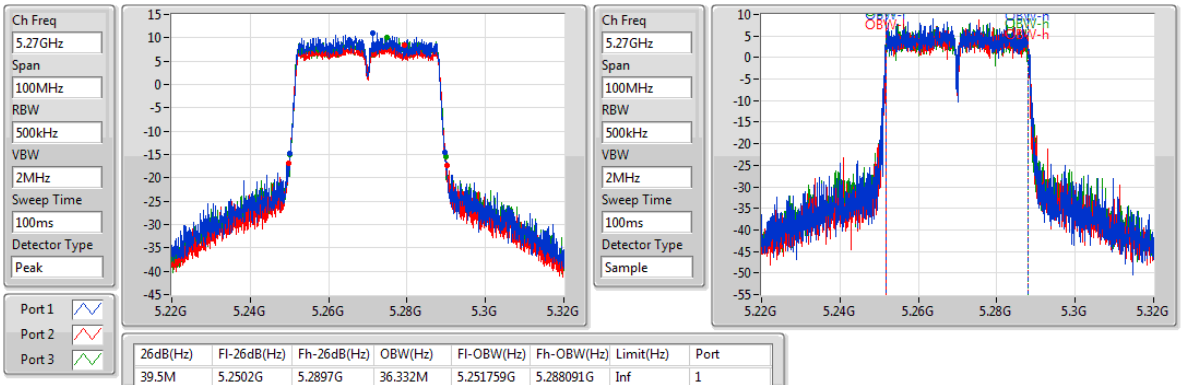
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.425M	5.6897G	5.710125G	17.691M	5.691079G	5.708771G	Inf	1
20.625M	5.68965G	5.710275G	17.741M	5.691054G	5.708796G	Inf	2
20.775M	5.689475G	5.71025G	17.691M	5.691054G	5.708746G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5270MHz

29/12/2017



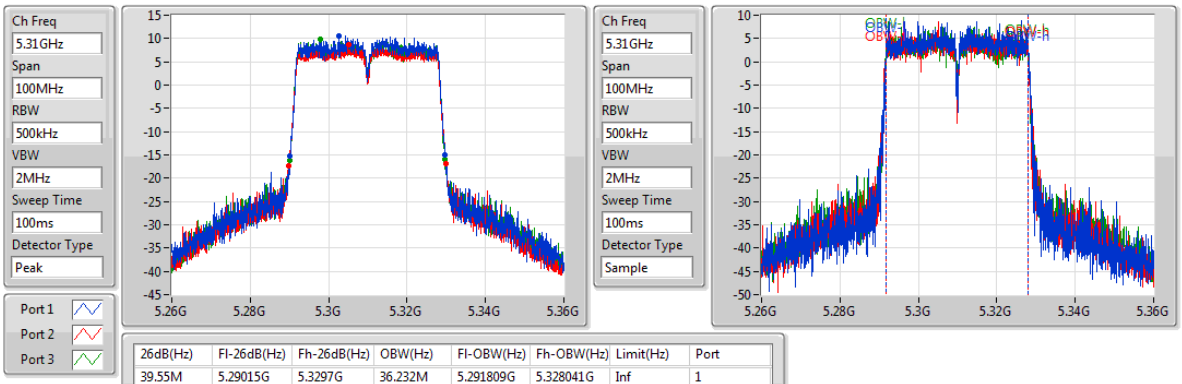
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.5M	5.2502G	5.2897G	36.332M	5.251759G	5.288091G	Inf	1
40.35M	5.2499G	5.29025G	36.232M	5.251809G	5.288041G	Inf	2
39.75M	5.2501G	5.28985G	36.282M	5.251759G	5.288041G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5310MHz

29/12/2017



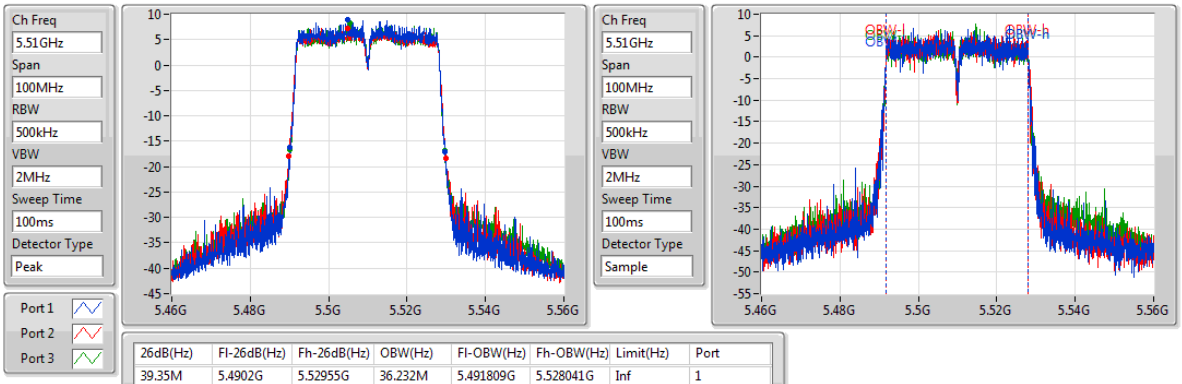
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.55M	5.29015G	5.3297G	36.232M	5.291809G	5.328041G	Inf	1
40.1M	5.2898G	5.3299G	36.232M	5.291809G	5.328041G	Inf	2
39.55M	5.2901G	5.32965G	36.232M	5.291809G	5.328041G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5510MHz

29/12/2017



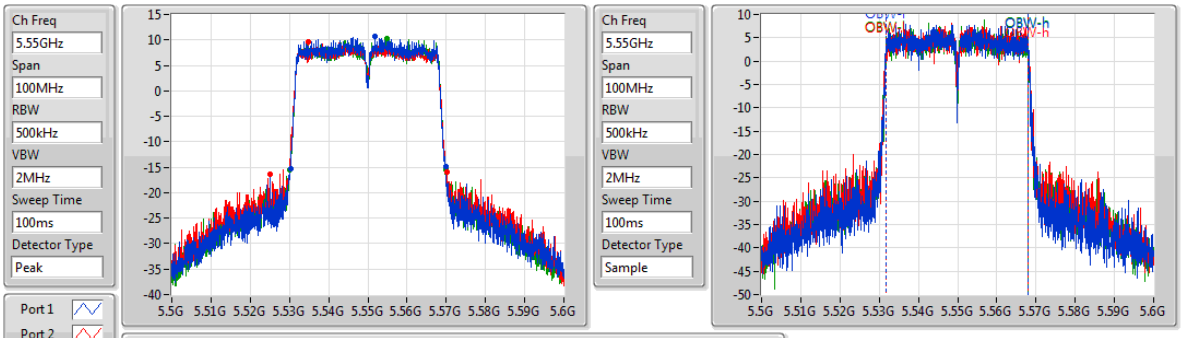
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.35M	5.4902G	5.52955G	36.232M	5.491809G	5.528041G	Inf	1
40.05M	5.4899G	5.52995G	36.182M	5.491809G	5.527991G	Inf	2
39.55M	5.49015G	5.5297G	36.232M	5.491809G	5.528041G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5550MHz

29/12/2017



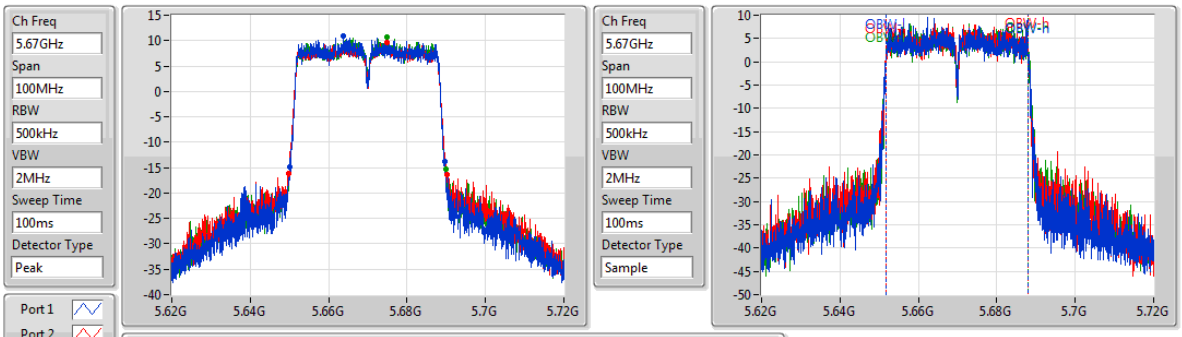
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.55M	5.53025G	5.5698G	36.332M	5.531709G	5.568041G	Inf	1
45M	5.52515G	5.57015G	36.232M	5.531809G	5.568041G	Inf	2
39.85M	5.5301G	5.56995G	36.282M	5.531809G	5.568091G	Inf	3

802.11ac VHT40_Nss1,(MCS0)_3TX

EBW

5670MHz

29/12/2017



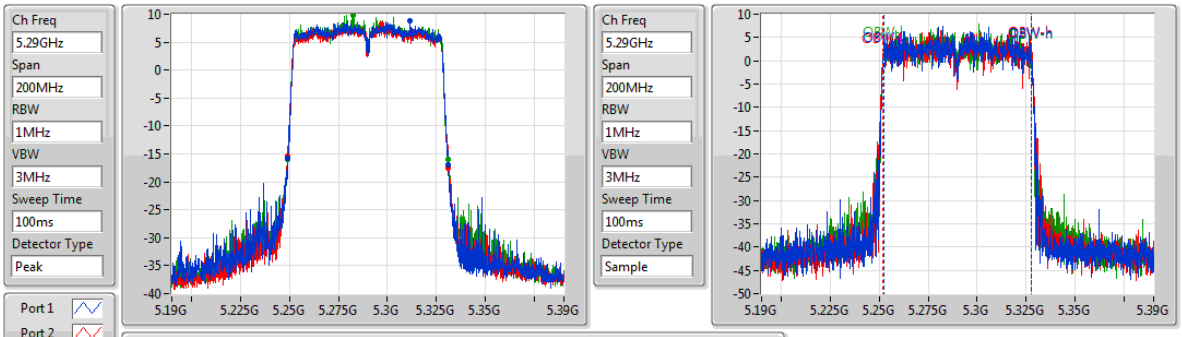
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.55M	5.65005G	5.6896G	36.282M	5.651759G	5.688041G	Inf	1
40.35M	5.64975G	5.6901G	36.232M	5.651809G	5.688041G	Inf	2
39.8M	5.6502G	5.69G	36.182M	5.651859G	5.688041G	Inf	3

802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5290MHz

29/12/2017



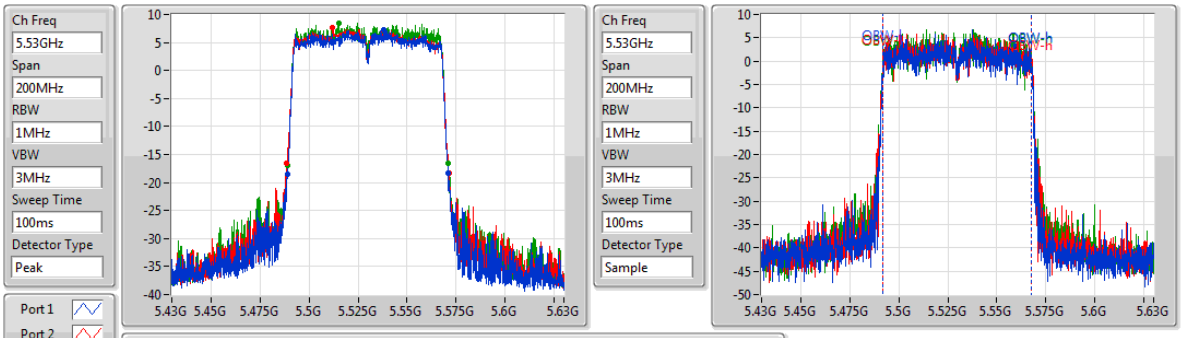
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.2M	5.2489G	5.3311G	75.562M	5.252119G	5.327681G	Inf	1
82.4M	5.2488G	5.3312G	75.762M	5.252019G	5.327781G	Inf	2
81.6M	5.2491G	5.3307G	75.562M	5.252119G	5.327681G	Inf	3

802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5530MHz

29/12/2017



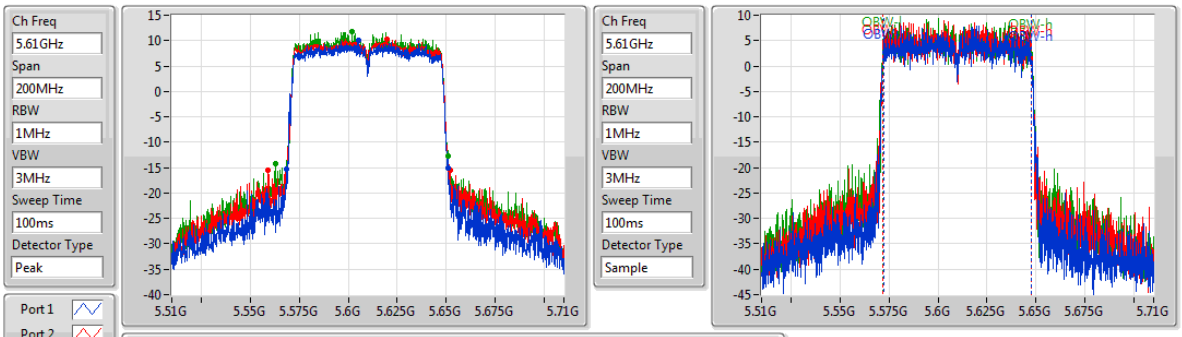
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82M	5.4888G	5.5708G	75.662M	5.492019G	5.567681G	Inf	1
82.6M	5.4887G	5.5713G	75.762M	5.492019G	5.567781G	Inf	2
82.3M	5.4888G	5.5711G	75.562M	5.492019G	5.567581G	Inf	3

802.11ac VHT80_Nss1,(MCS0)_3TX

EBW

5610MHz

29/12/2017



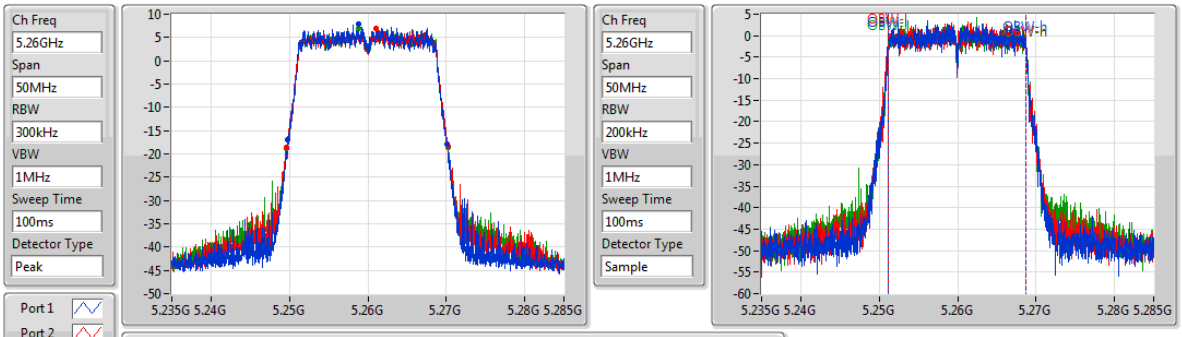
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.3M	5.5687G	5.651G	75.562M	5.572119G	5.647681G	Inf	1
92.5M	5.5593G	5.6518G	75.662M	5.572019G	5.647681G	Inf	2
87.8M	5.5631G	5.6509G	75.762M	5.572019G	5.647781G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

5260MHz

29/12/2017

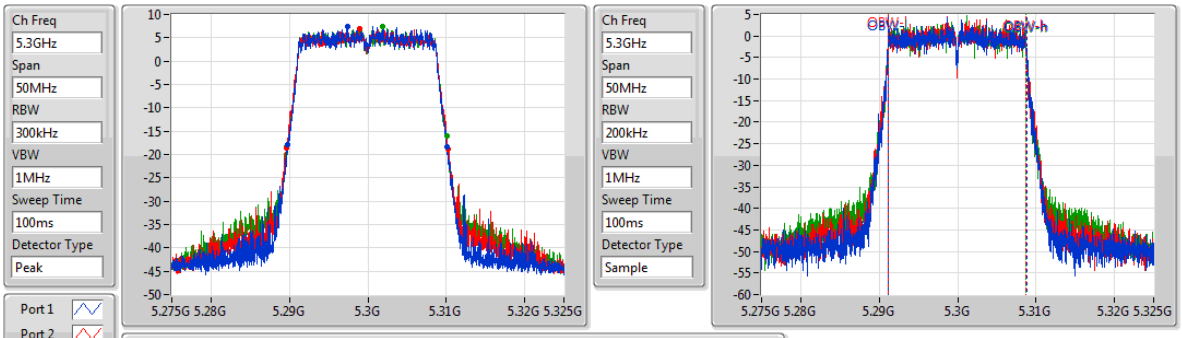


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.3M	5.2498G	5.2701G	17.666M	5.251104G	5.268771G	Inf	1
20.55M	5.249625G	5.270175G	17.666M	5.251104G	5.268771G	Inf	2
20.5M	5.249675G	5.270175G	17.666M	5.251104G	5.268771G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX **EBW**

5300MHz

29/12/2017

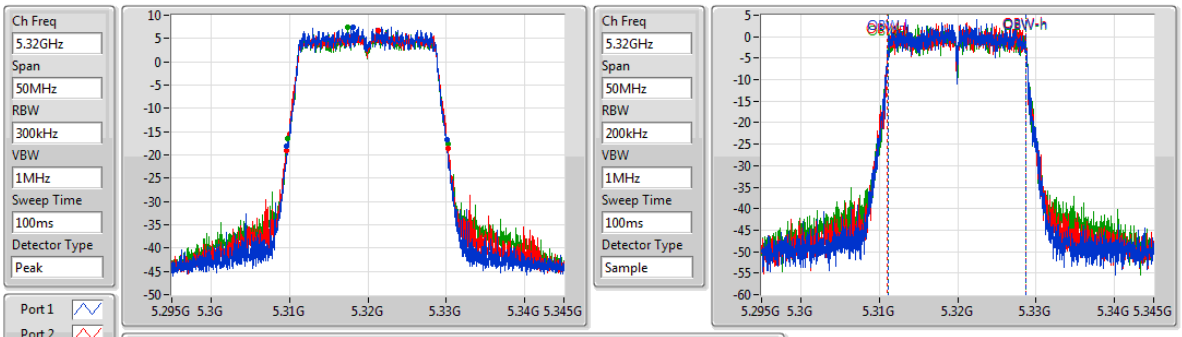


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.275M	5.2898G	5.310075G	17.691M	5.291104G	5.308796G	Inf	1
20.725M	5.289575G	5.3103G	17.666M	5.291104G	5.308771G	Inf	2
20.5M	5.28965G	5.31015G	17.666M	5.291104G	5.308771G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX **EBW**

5320MHz

29/12/2017

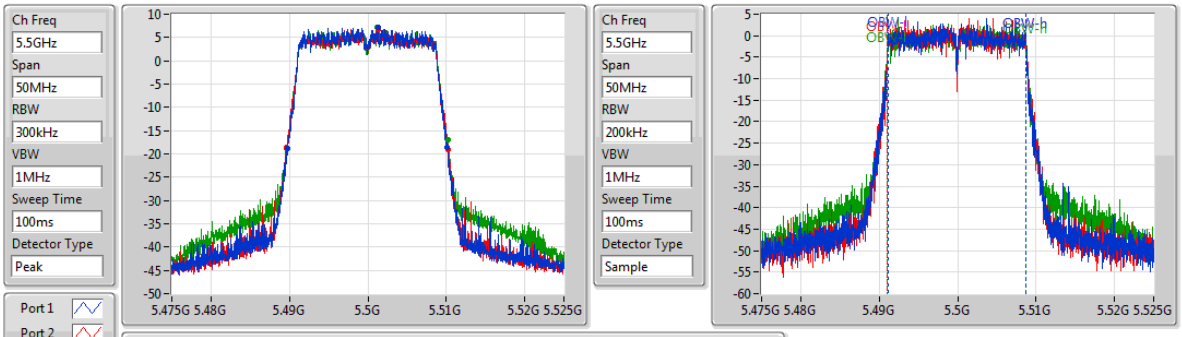


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.375M	5.309675G	5.33005G	17.641M	5.311104G	5.328746G	Inf	1
20.7M	5.309575G	5.330275G	17.666M	5.311079G	5.328746G	Inf	2
20.375M	5.3098G	5.330175G	17.666M	5.311104G	5.328771G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX **EBW**

5500MHz

29/12/2017



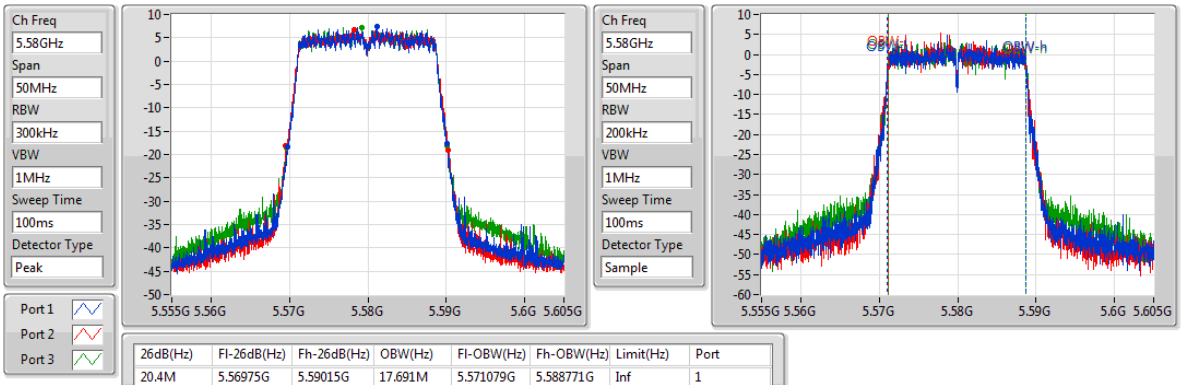
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.425M	5.489725G	5.51015G	17.641M	5.491104G	5.508746G	Inf	1
20.65M	5.48965G	5.5103G	17.691M	5.491079G	5.508771G	Inf	2
20.65M	5.489575G	5.510225G	17.666M	5.491079G	5.508746G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

5580MHz

29/12/2017



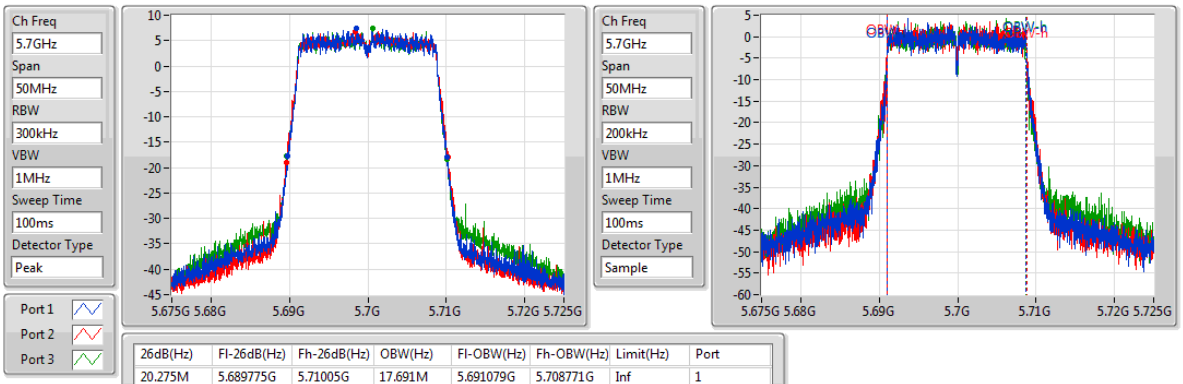
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.4M	5.56975G	5.59015G	17.691M	5.571079G	5.588771G	Inf	1
20.75M	5.56955G	5.5903G	17.666M	5.571104G	5.588771G	Inf	2
20.475M	5.569675G	5.59015G	17.666M	5.571104G	5.588771G	Inf	3

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

EBW

5700MHz

29/12/2017



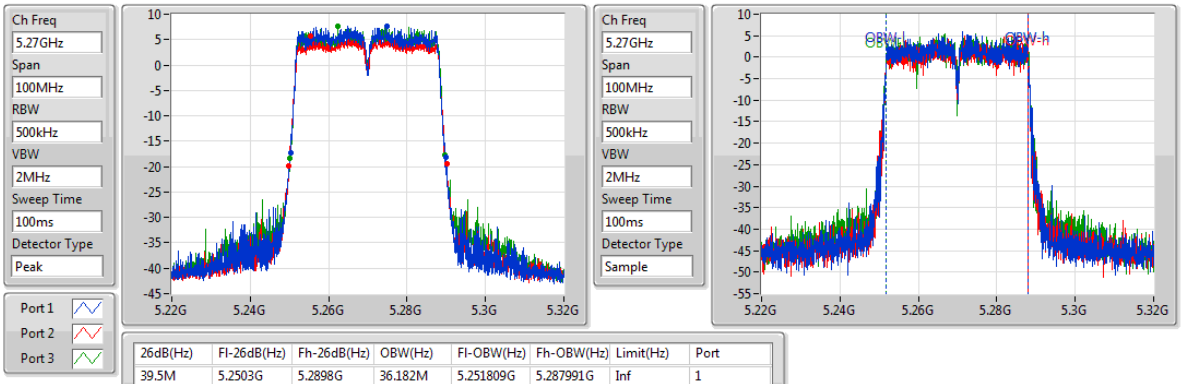
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
20.275M	5.689775G	5.71005G	17.691M	5.691079G	5.708771G	Inf	1
20.65M	5.689625G	5.710275G	17.716M	5.691079G	5.708796G	Inf	2
20.525M	5.689625G	5.71015G	17.666M	5.691079G	5.708746G	Inf	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

5270MHz

29/12/2017



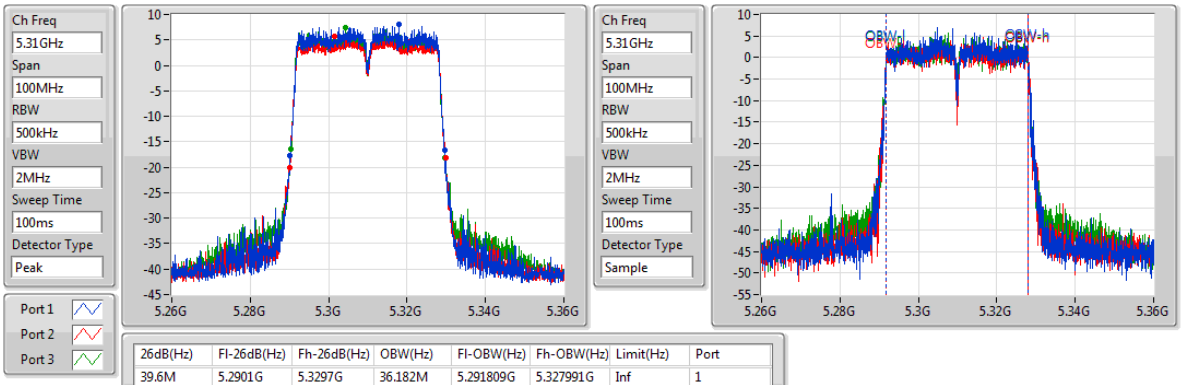
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.5M	5.2503G	5.2898G	36.182M	5.251809G	5.287991G	Inf	1
40.25M	5.2499G	5.29015G	36.232M	5.251809G	5.288041G	Inf	2
39.65M	5.2501G	5.28975G	36.282M	5.251809G	5.288091G	Inf	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

5310MHz

29/12/2017



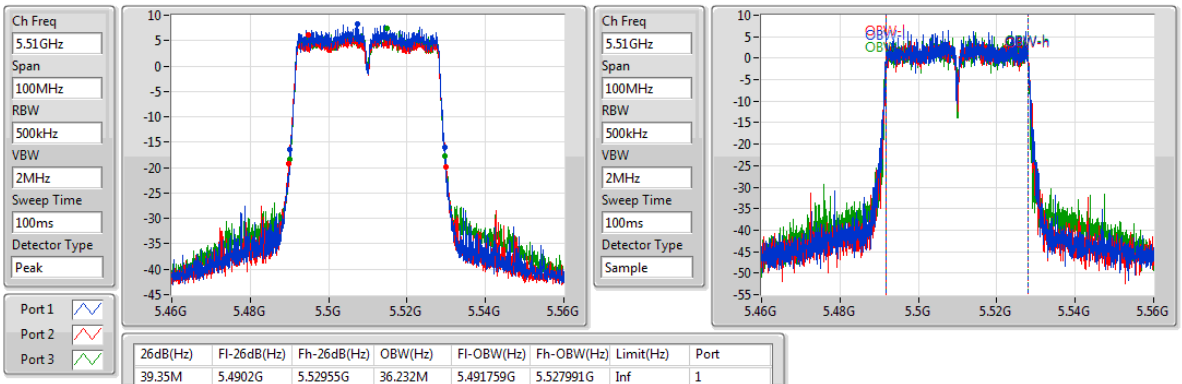
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.2901G	5.3297G	36.182M	5.291809G	5.327991G	Inf	1
39.95M	5.28995G	5.3299G	36.232M	5.291809G	5.328041G	Inf	2
39.4M	5.29025G	5.32965G	36.182M	5.291809G	5.327991G	Inf	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

5510MHz

29/12/2017



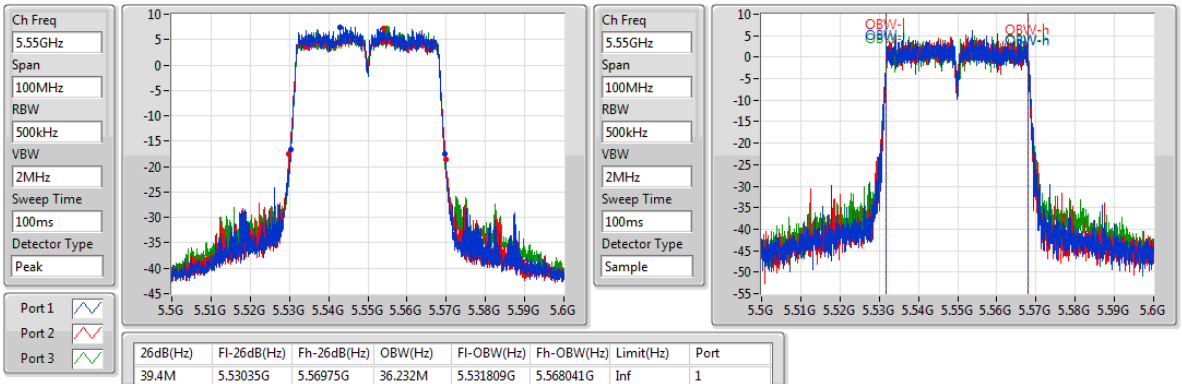
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.35M	5.4902G	5.52955G	36.232M	5.491759G	5.527991G	Inf	1
40M	5.4899G	5.5299G	36.232M	5.491809G	5.528041G	Inf	2
39.5M	5.4902G	5.5297G	36.232M	5.491759G	5.527991G	Inf	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

EBW

5550MHz

29/12/2017

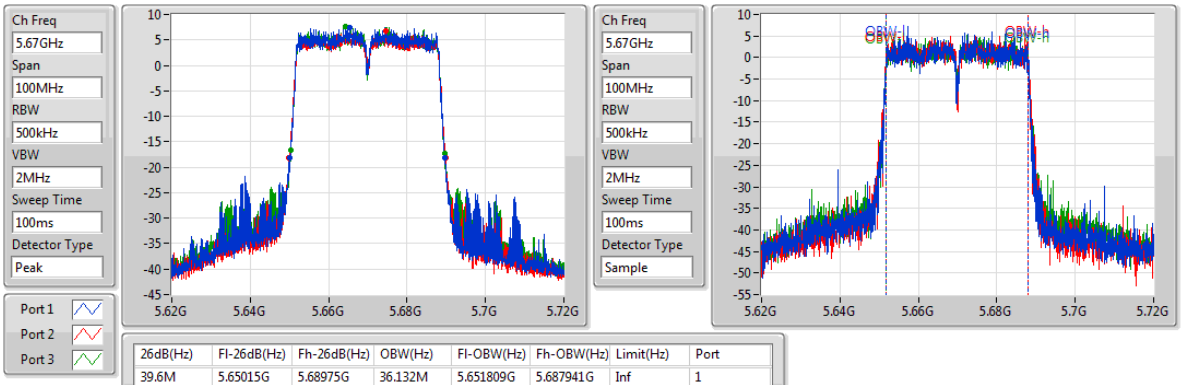


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.4M	5.53035G	5.56975G	36.232M	5.531809G	5.568041G	Inf	1
40.1M	5.52985G	5.56995G	36.182M	5.531809G	5.567991G	Inf	2
39.45M	5.53025G	5.5697G	36.232M	5.531809G	5.568041G	Inf	3

802.11ac VHT40-BF_Nss1,(MCS0)_3TX **EBW**

5670MHz

29/12/2017

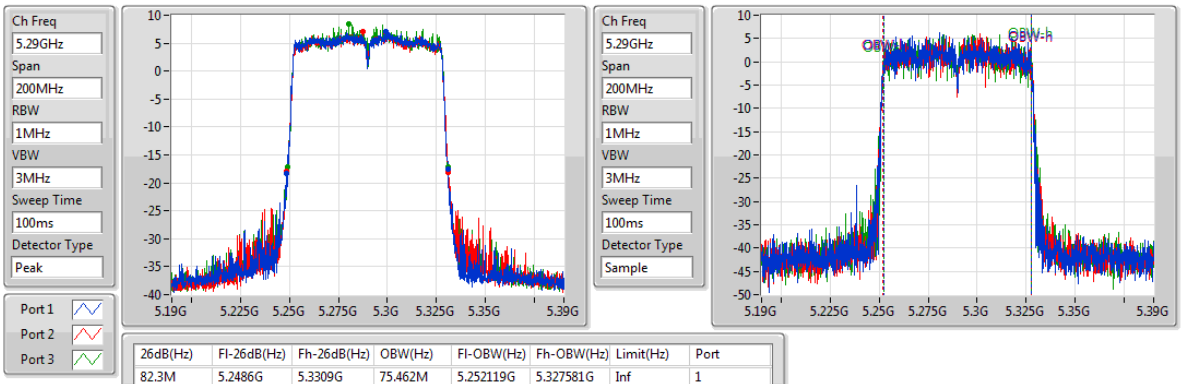


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
39.6M	5.65015G	5.68975G	36.132M	5.651809G	5.687941G	Inf	1
39.95M	5.64985G	5.6898G	36.182M	5.651809G	5.687991G	Inf	2
39.3M	5.6503G	5.6896G	36.282M	5.651809G	5.688091G	Inf	3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX **EBW**

5290MHz

29/12/2017

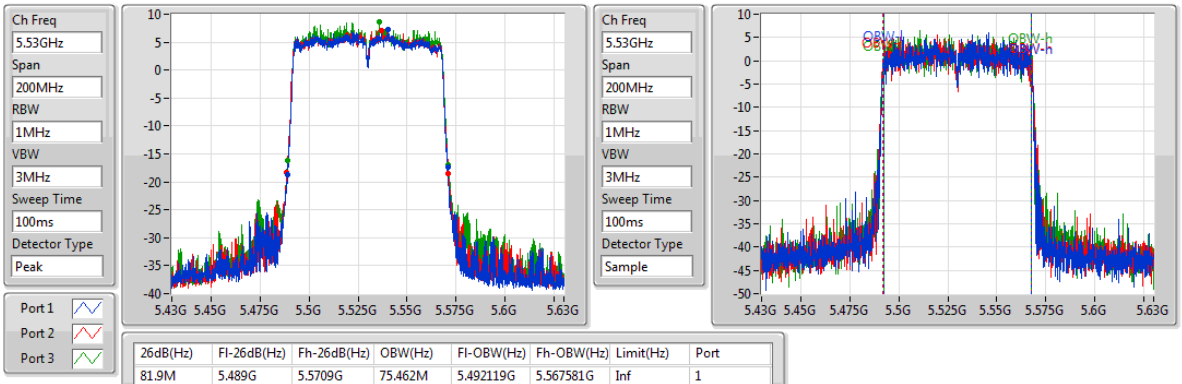


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.3M	5.2486G	5.3309G	75.462M	5.252119G	5.327581G	Inf	1
82.6M	5.2486G	5.3312G	75.762M	5.252019G	5.327781G	Inf	2
81.9M	5.249G	5.3309G	75.662M	5.252119G	5.327781G	Inf	3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX **EBW**

5530MHz

29/12/2017

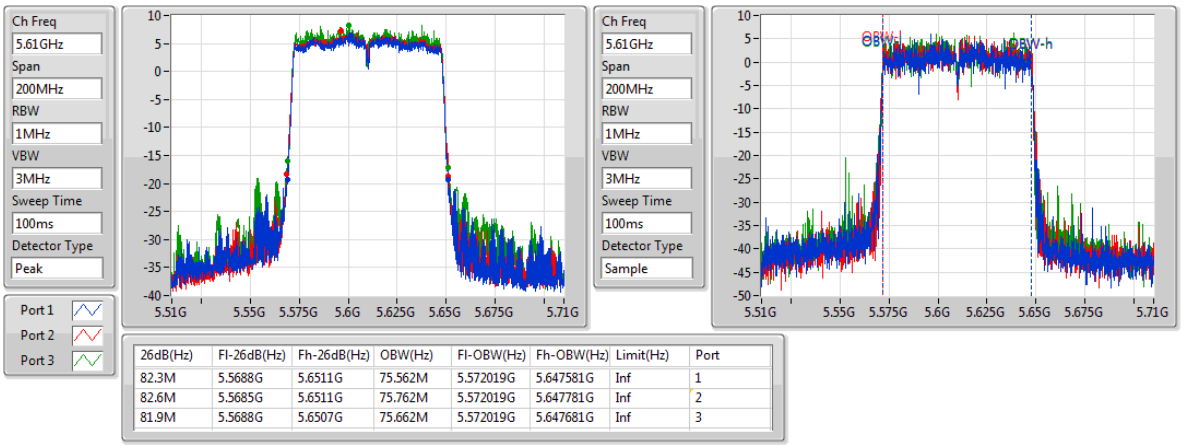


26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
81.9M	5.489G	5.5709G	75.462M	5.492119G	5.567581G	Inf	1
82.5M	5.4887G	5.5712G	75.862M	5.491919G	5.567781G	Inf	2
81.7M	5.4891G	5.5708G	75.662M	5.492119G	5.567781G	Inf	3

802.11ac VHT80-BF_Nss1,(MCS0)_3TX **EBW**

5610MHz

29/12/2017



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.3M	5.5688G	5.6511G	75.562M	5.572019G	5.647581G	Inf	1
82.6M	5.5685G	5.6511G	75.762M	5.572019G	5.647781G	Inf	2
81.9M	5.5688G	5.6507G	75.662M	5.572019G	5.647681G	Inf	3

Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	22.07	0.16106
802.11ac VHT20_Nss1,(MCS0)_3TX	22.14	0.16368
802.11ac VHT40_Nss1,(MCS0)_3TX	23.82	0.24099
802.11ac VHT80_Nss1,(MCS0)_3TX	22.21	0.16634
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	20.80	0.12023
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	20.85	0.12162
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	20.81	0.12050
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_3TX	22.08	0.16144
802.11ac VHT20_Nss1,(MCS0)_3TX	22.23	0.16711
802.11ac VHT40_Nss1,(MCS0)_3TX	23.95	0.24831
802.11ac VHT80_Nss1,(MCS0)_3TX	23.91	0.24604
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	20.81	0.12050
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	20.83	0.12106
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	20.82	0.12078

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.40	17.29	17.36	17.24	22.07	23.98	25.47	30.00
5300MHz	Pass	3.40	17.07	17.43	17.38	22.07	23.97	25.47	30.00
5320MHz	Pass	3.40	17.11	17.25	17.14	21.94	23.97	25.34	30.00
5500MHz	Pass	3.50	17.16	17.24	17.52	22.08	23.98	25.58	30.00
5580MHz	Pass	3.50	17.01	17.28	17.31	21.97	23.98	25.47	30.00
5700MHz	Pass	3.50	17.14	17.07	17.42	21.98	23.98	25.48	30.00
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.40	17.36	17.47	17.26	22.14	23.98	25.54	30.00
5300MHz	Pass	3.40	17.14	17.53	17.35	22.11	23.98	25.51	30.00
5320MHz	Pass	3.40	17.18	17.56	17.09	22.05	23.98	25.45	30.00
5500MHz	Pass	3.50	17.27	17.59	17.51	22.23	23.98	25.73	30.00
5580MHz	Pass	3.50	17.02	17.51	17.65	22.17	23.98	25.67	30.00
5700MHz	Pass	3.50	17.19	17.45	17.52	22.16	23.98	25.66	30.00
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	3.40	19.31	18.84	18.97	23.82	23.98	27.22	30.00
5310MHz	Pass	3.40	18.84	18.42	18.59	23.39	23.98	26.79	30.00
5510MHz	Pass	3.50	16.94	17.08	16.76	21.70	23.98	25.20	30.00
5550MHz	Pass	3.50	19.06	19.26	19.11	23.92	23.98	27.42	30.00
5670MHz	Pass	3.50	18.97	19.36	19.21	23.95	23.98	27.45	30.00
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	3.40	17.36	17.43	17.53	22.21	23.98	25.61	30.00
5530MHz	Pass	3.50	16.15	16.83	16.98	21.44	23.98	24.94	30.00
5610MHz	Pass	3.50	18.44	19.42	19.49	23.91	23.98	27.41	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.01	15.97	15.92	15.86	20.69	21.97	28.70	30.00
5300MHz	Pass	8.01	16.02	16.06	16.02	20.80	21.97	28.81	30.00
5320MHz	Pass	8.01	16.06	15.95	15.64	20.66	21.97	28.67	30.00
5500MHz	Pass	8.07	16.05	16.02	15.92	20.77	21.91	28.84	30.00
5580MHz	Pass	8.07	15.93	16.04	15.93	20.74	21.91	28.81	30.00
5700MHz	Pass	8.07	15.94	16.09	16.07	20.81	21.91	28.88	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.01	16.16	15.91	16.17	20.85	21.97	28.86	30.00
5310MHz	Pass	8.01	16.22	15.84	15.91	20.76	21.97	28.77	30.00
5510MHz	Pass	8.07	16.06	16.18	15.92	20.83	21.91	28.90	30.00
5550MHz	Pass	8.07	15.89	16.07	15.88	20.72	21.91	28.79	30.00
5670MHz	Pass	8.07	15.91	16.27	15.94	20.81	21.91	28.88	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.01	15.98	16.13	16.01	20.81	21.97	28.82	30.00
5530MHz	Pass	8.07	15.47	16.25	16.27	20.78	21.91	28.85	30.00
5610MHz	Pass	8.07	15.58	16.18	16.34	20.82	21.91	28.89	30.00

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

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_3TX	8.86
802.11ac VHT20_Nss1,(MCS0)_3TX	8.89
802.11ac VHT40_Nss1,(MCS0)_3TX	7.15
802.11ac VHT80_Nss1,(MCS0)_3TX	2.66
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	7.08
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	4.41
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	1.27
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_3TX	8.91
802.11ac VHT20_Nss1,(MCS0)_3TX	8.91
802.11ac VHT40_Nss1,(MCS0)_3TX	7.63
802.11ac VHT80_Nss1,(MCS0)_3TX	4.60
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	7.15
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	4.47
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	1.44

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

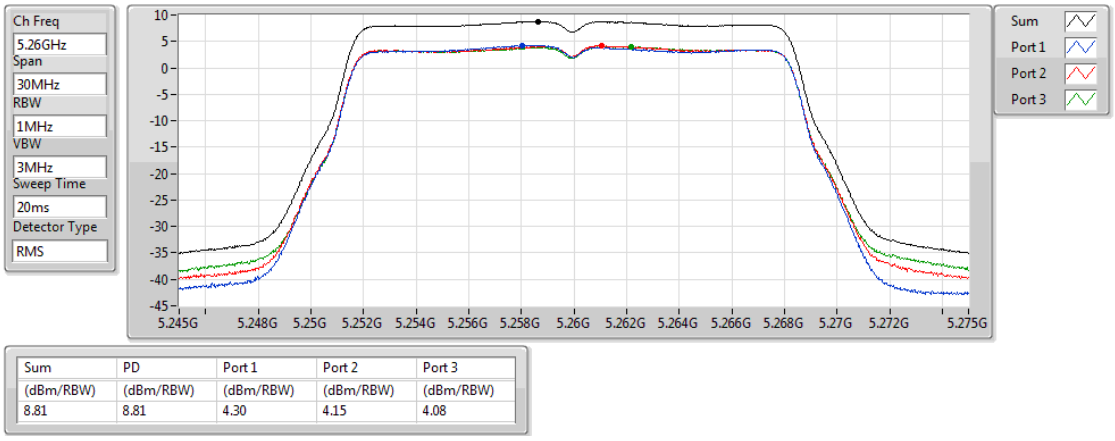
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_3TX	-	-	-	-	-	-	-
5260MHz	Pass	8.01	4.30	4.15	4.08	8.81	8.99
5300MHz	Pass	8.01	3.99	4.50	4.17	8.86	8.99
5320MHz	Pass	8.01	4.06	4.13	3.99	8.74	8.99
5500MHz	Pass	8.07	3.86	4.08	4.36	8.87	8.93
5580MHz	Pass	8.07	3.75	4.09	4.62	8.83	8.93
5700MHz	Pass	8.07	3.81	4.14	4.52	8.91	8.93
802.11ac VHT20_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5260MHz	Pass	8.01	4.34	4.12	4.20	8.87	8.99
5300MHz	Pass	8.01	3.92	4.36	4.43	8.89	8.99
5320MHz	Pass	8.01	4.06	4.47	4.09	8.87	8.99
5500MHz	Pass	8.07	3.88	4.26	4.21	8.83	8.93
5580MHz	Pass	8.07	3.76	4.42	4.33	8.88	8.93
5700MHz	Pass	8.07	3.95	4.23	4.49	8.91	8.93
802.11ac VHT40_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5270MHz	Pass	8.01	2.73	2.25	2.43	7.15	8.99
5310MHz	Pass	8.01	2.55	2.04	2.01	6.87	8.99
5510MHz	Pass	8.07	0.50	0.69	0.40	5.22	8.93
5550MHz	Pass	8.07	2.66	2.83	2.62	7.35	8.93
5670MHz	Pass	8.07	2.60	3.13	3.03	7.63	8.93
802.11ac VHT80_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5290MHz	Pass	8.01	-2.11	-2.11	-1.72	2.66	8.99
5530MHz	Pass	8.07	-3.25	-2.42	-2.58	2.00	8.93
5610MHz	Pass	8.07	-0.93	0.42	0.17	4.60	8.93
802.11ac VHT20-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5260MHz	Pass	8.01	2.32	2.30	2.26	6.96	8.99
5300MHz	Pass	8.01	2.31	2.50	2.58	7.08	8.99
5320MHz	Pass	8.01	2.45	2.29	1.80	6.87	8.99
5500MHz	Pass	8.07	2.46	2.20	2.25	6.99	8.93
5580MHz	Pass	8.07	2.21	2.51	2.51	7.13	8.93
5700MHz	Pass	8.07	2.42	2.63	2.31	7.15	8.93
802.11ac VHT40-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5270MHz	Pass	8.01	0.04	-0.65	-0.12	4.41	8.99
5310MHz	Pass	8.01	-0.19	-0.81	-0.57	4.17	8.99
5510MHz	Pass	8.07	-0.07	-0.24	-0.40	4.38	8.93
5550MHz	Pass	8.07	-0.45	-0.24	-0.50	4.24	8.93
5670MHz	Pass	8.07	-0.32	-0.07	-0.12	4.47	8.93
802.11ac VHT80-BF_Nss1,(MCS0)_3TX	-	-	-	-	-	-	-
5290MHz	Pass	8.01	-3.55	-3.36	-3.30	1.27	8.99
5530MHz	Pass	8.07	-3.81	-3.20	-3.30	1.26	8.93
5610MHz	Pass	8.07	-3.77	-3.02	-2.90	1.44	8.93

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

802.11a_Nss1,(6Mbps)_3TX PSD

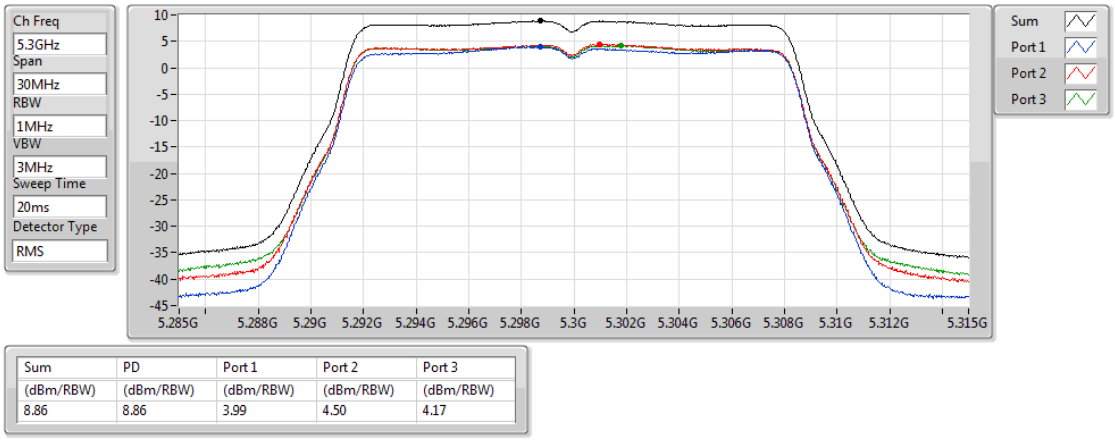
5260MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	4.30	4.15	4.08

802.11a_Nss1,(6Mbps)_3TX PSD

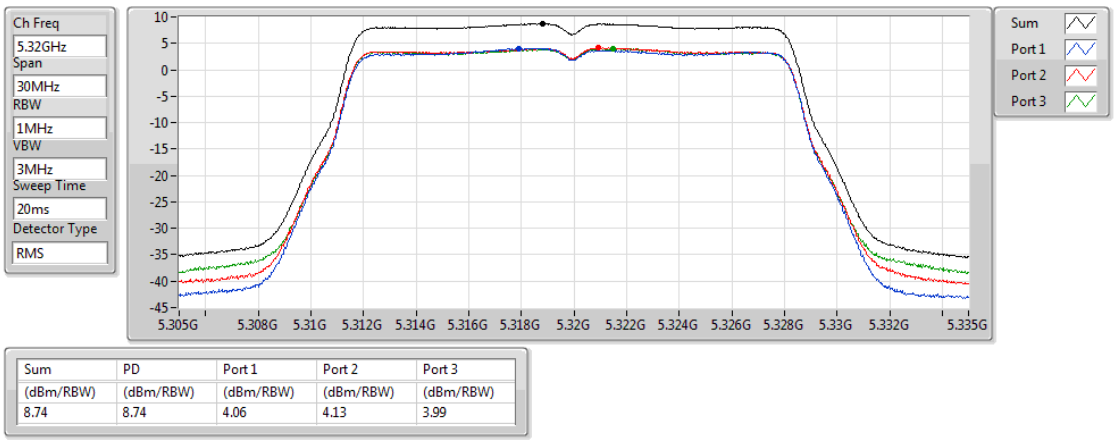
5300MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	3.99	4.50	4.17

802.11a_Nss1,(6Mbps)_3TX PSD

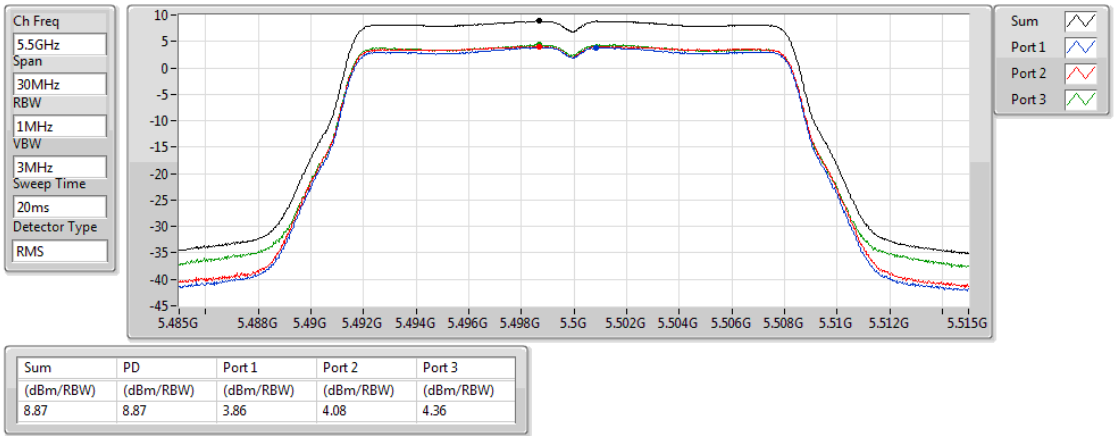
5320MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	4.06	4.13	3.99

802.11a_Nss1,(6Mbps)_3TX PSD

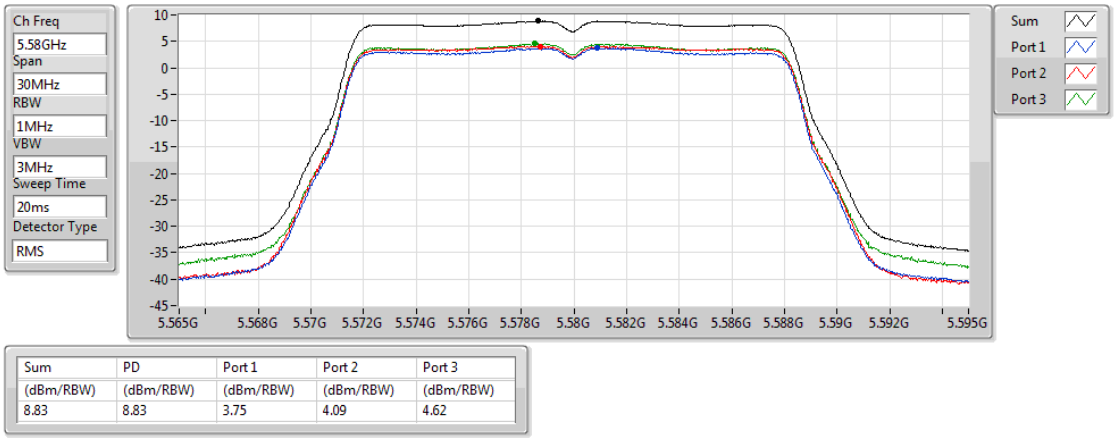
5500MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	3.86	4.08	4.36

802.11a_Nss1,(6Mbps)_3TX PSD

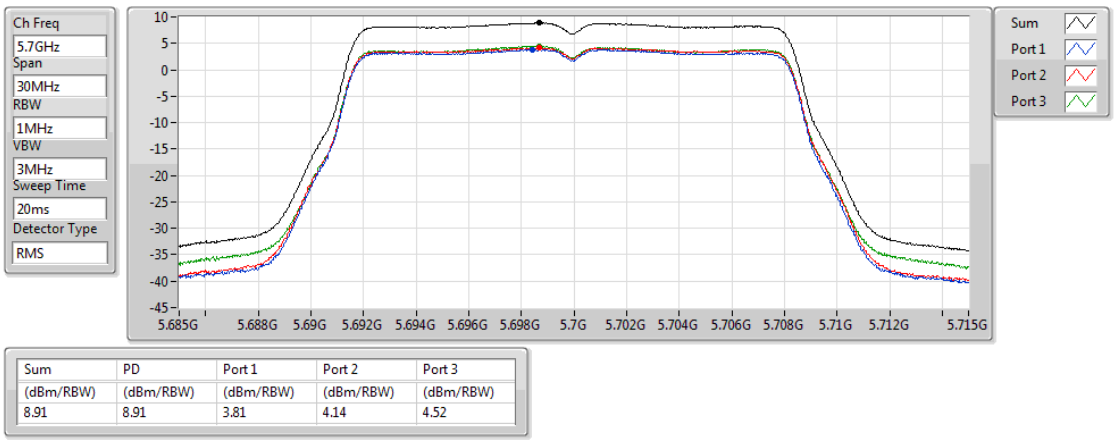
5580MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	3.75	4.09	4.62

802.11a_Nss1,(6Mbps)_3TX PSD

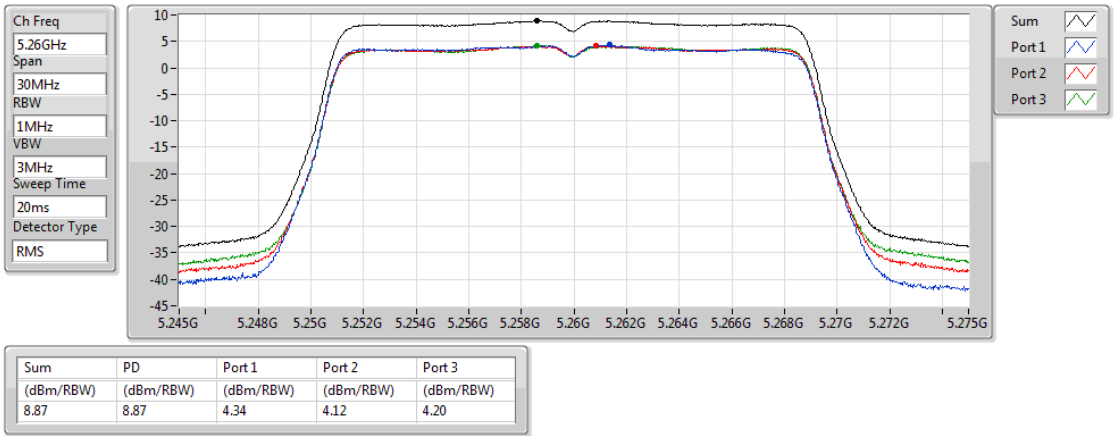
5700MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	3.81	4.14	4.52

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

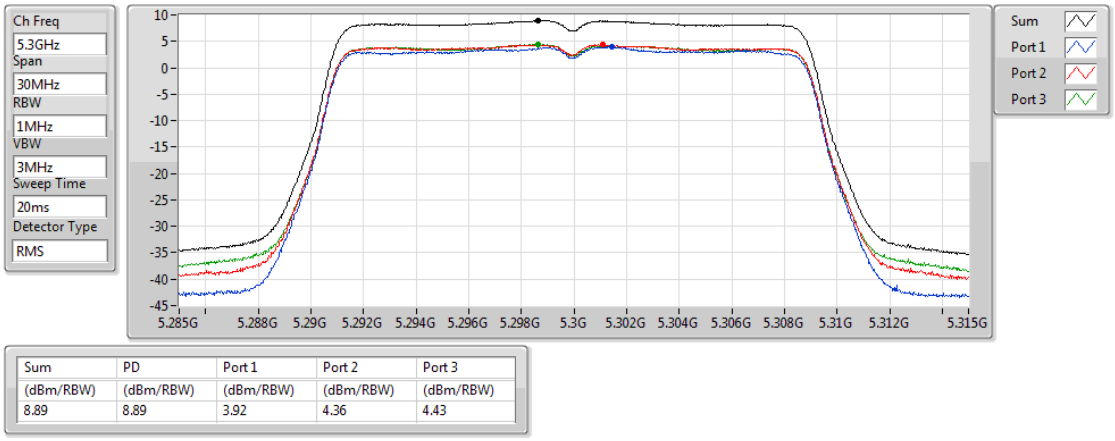
5260MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	4.34	4.12	4.20

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

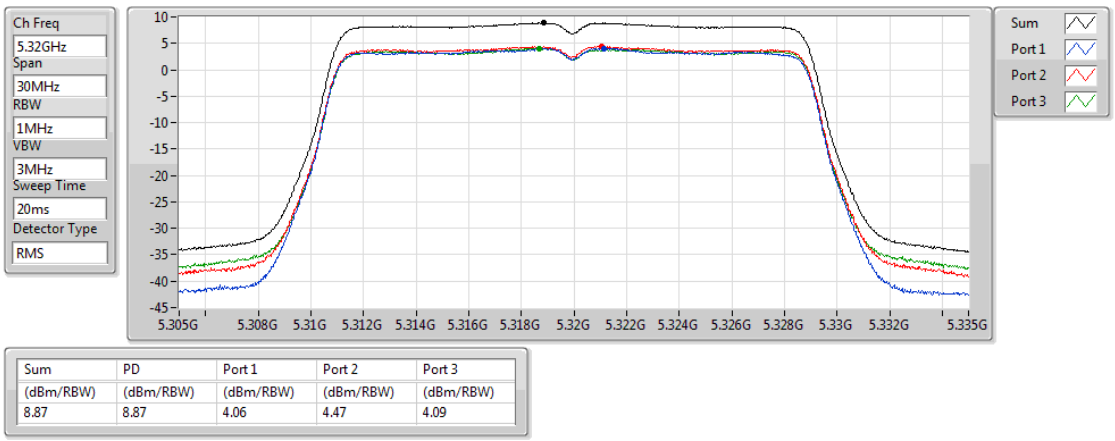
5300MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	3.92	4.36	4.43

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

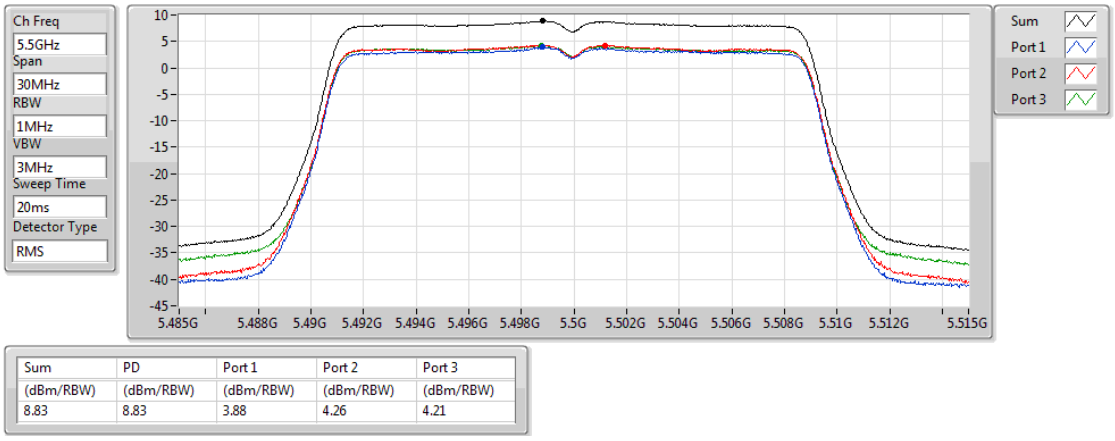
5320MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	4.06	4.47	4.09

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

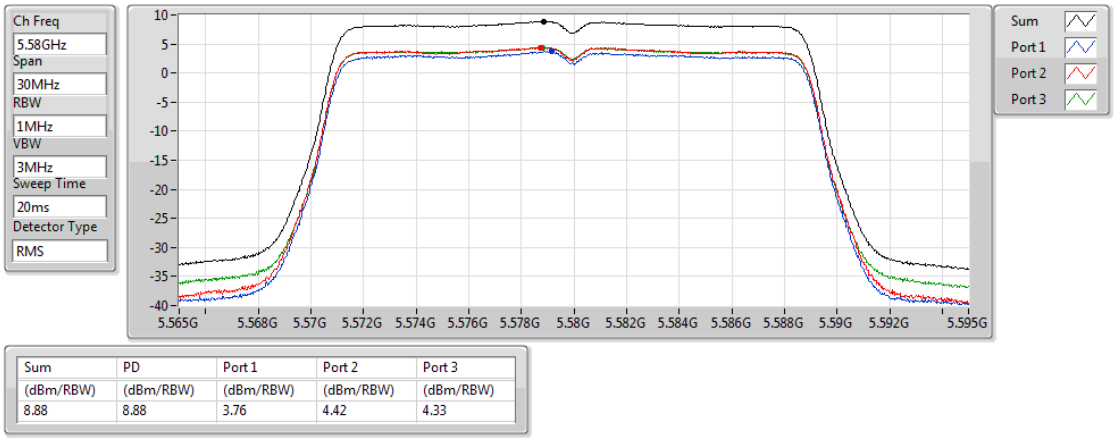
5500MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	3.88	4.26	4.21

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

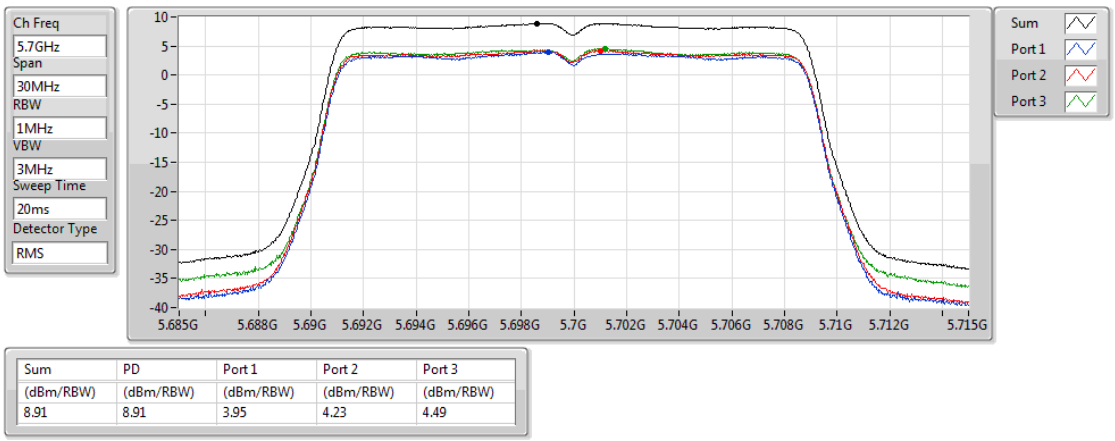
5580MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.88	8.88	3.76	4.42	4.33

802.11ac VHT20_Nss1,(MCS0)_3TX PSD

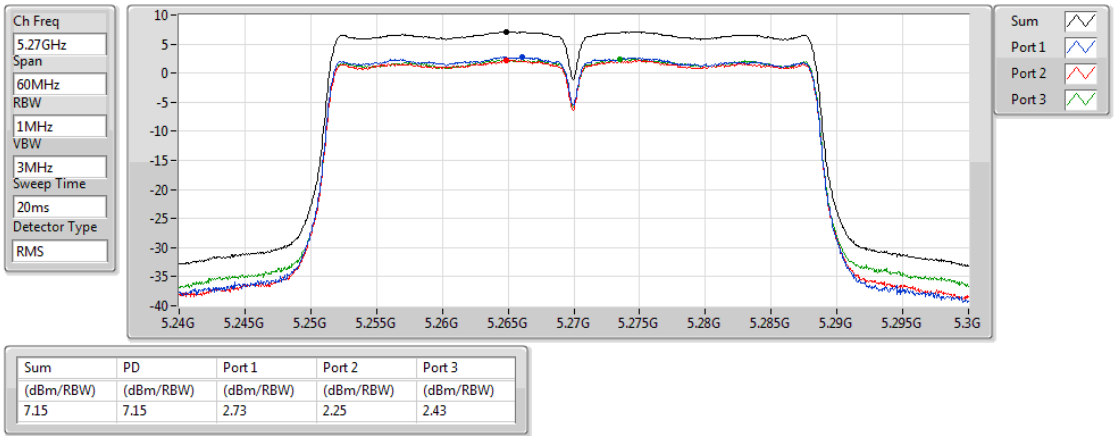
5700MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	3.95	4.23	4.49

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

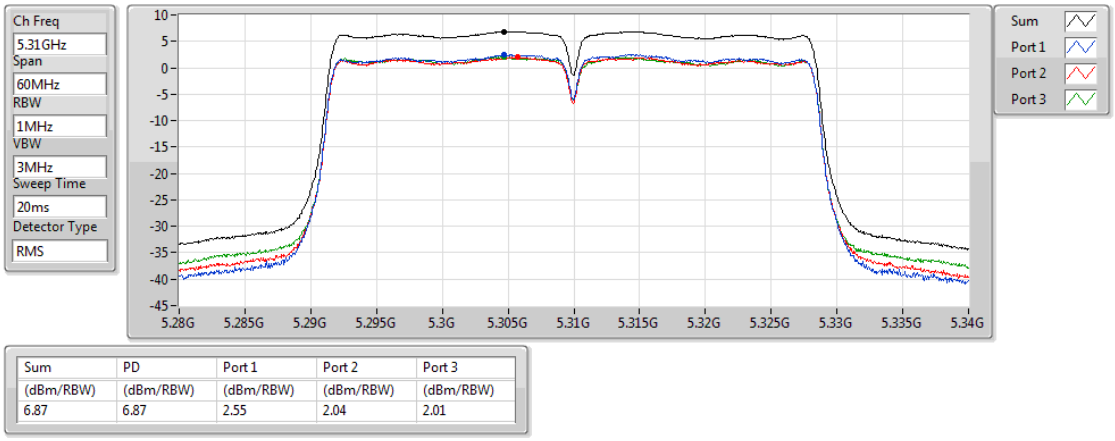
5270MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	2.73	2.25	2.43

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

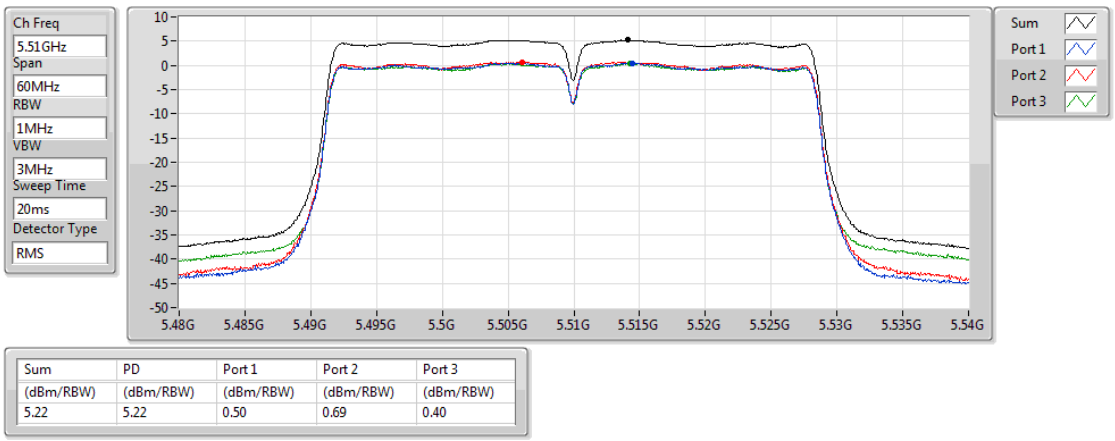
5310MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.87	6.87	2.55	2.04	2.01

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

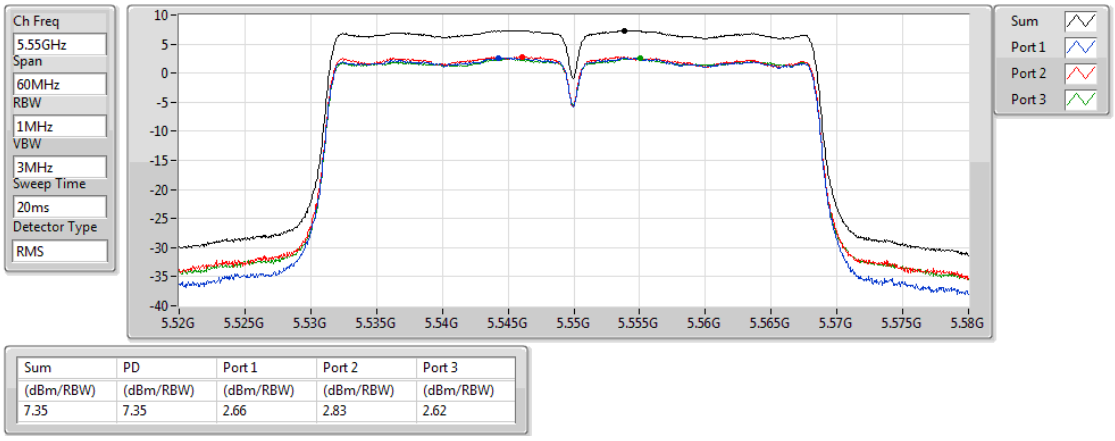
5510MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.22	5.22	0.50	0.69	0.40

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

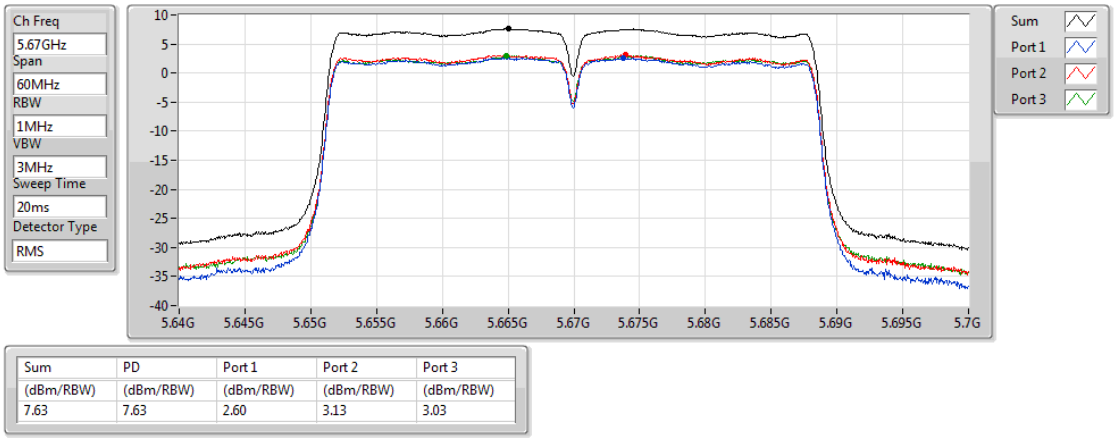
5550MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	2.66	2.83	2.62

802.11ac VHT40_Nss1,(MCS0)_3TX PSD

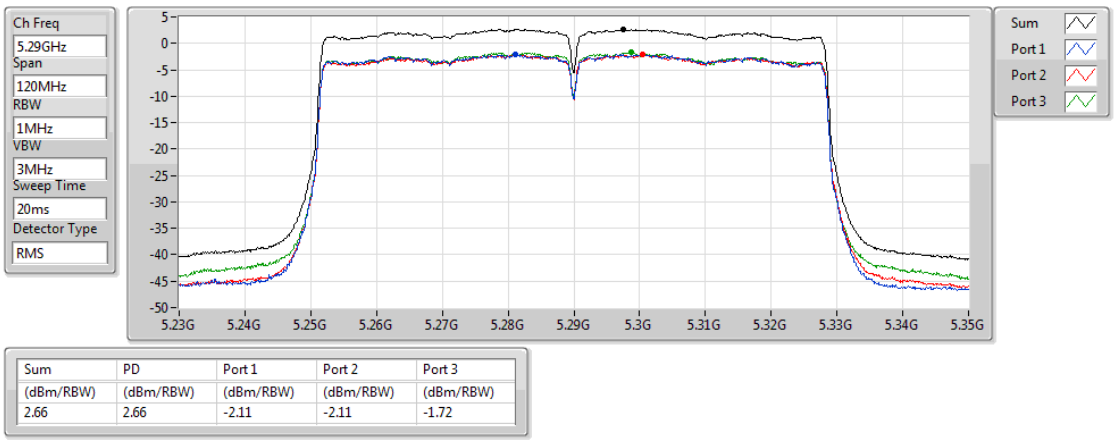
5670MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	2.60	3.13	3.03

802.11ac VHT80_Nss1,(MCS0)_3TX PSD

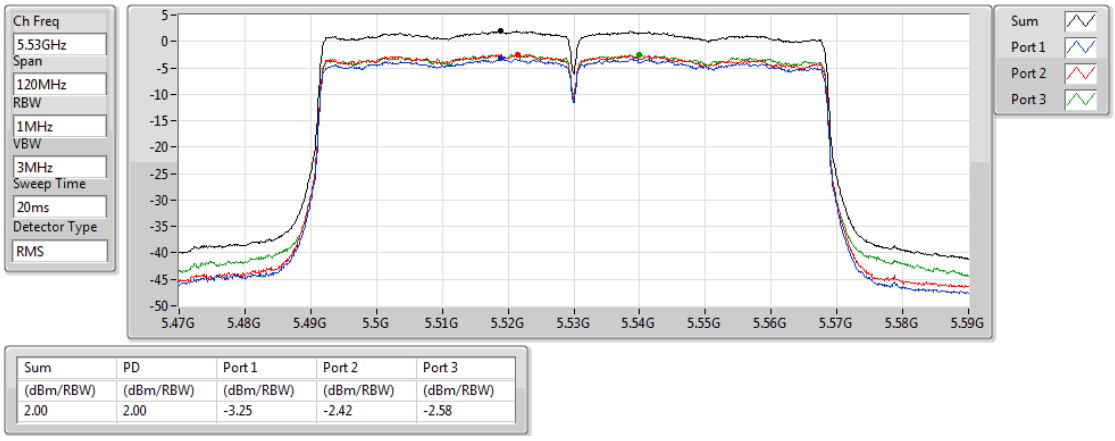
5290MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.66	2.66	-2.11	-2.11	-1.72

802.11ac VHT80_Nss1,(MCS0)_3TX **PSD**

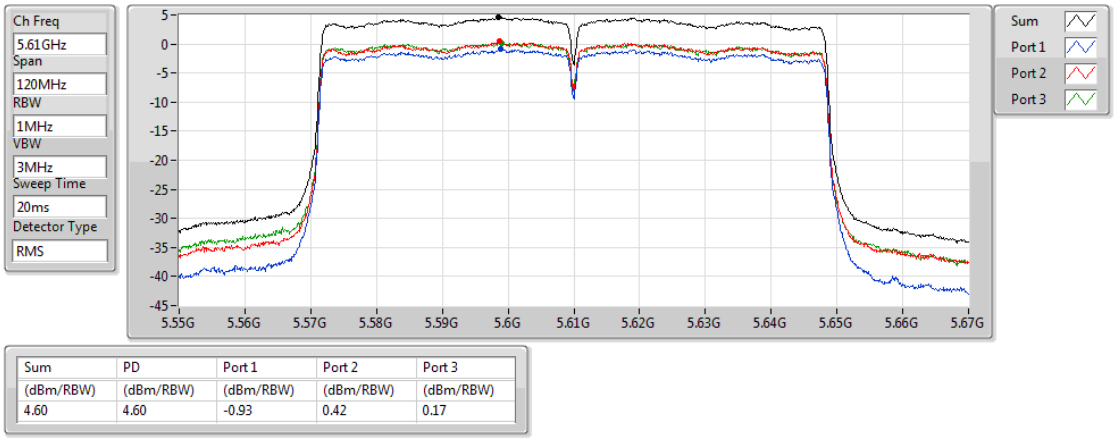
5530MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.00	2.00	-3.25	-2.42	-2.58

802.11ac VHT80_Nss1,(MCS0)_3TX **PSD**

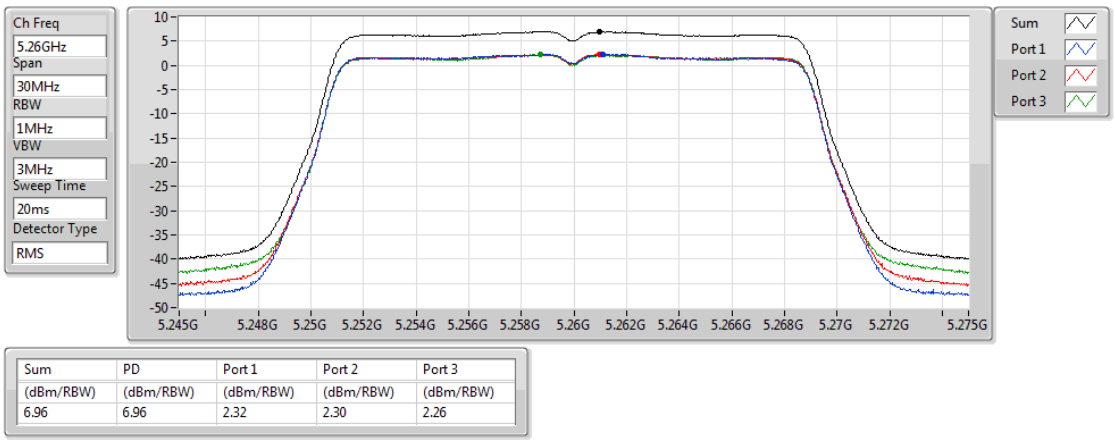
5610MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	-0.93	0.42	0.17

802.11ac VHT20-BF_Nss1,(MCS0)_3TX **PSD**

5260MHz

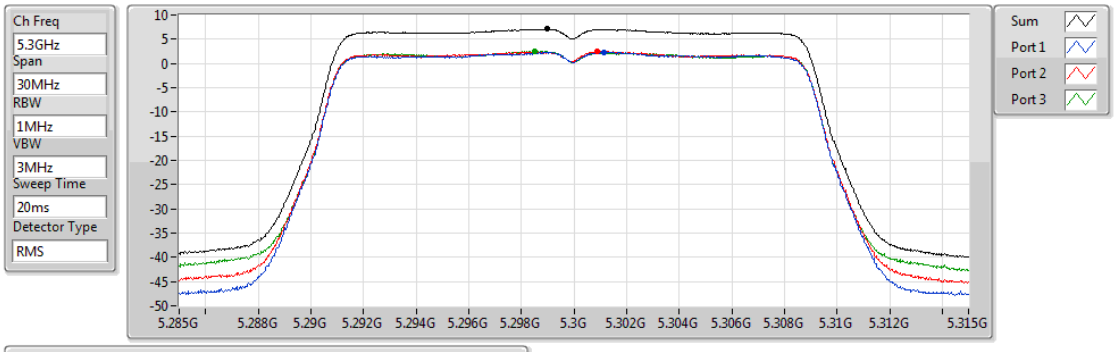


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.96	6.96	2.32	2.30	2.26

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

5300MHz

29/12/2017

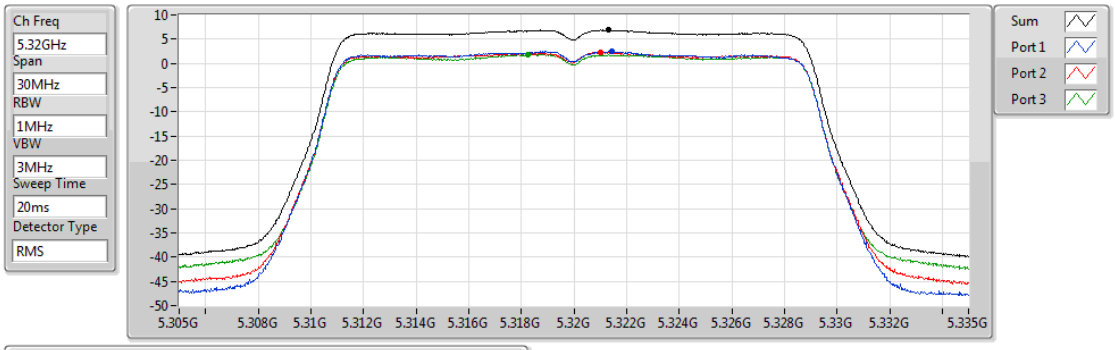


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	2.31	2.50	2.58

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

5320MHz

29/12/2017

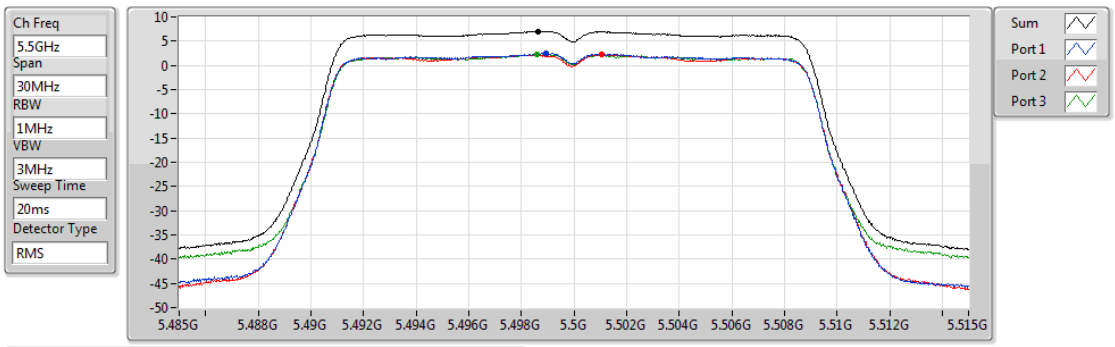


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.87	6.87	2.45	2.29	1.80

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

5500MHz

29/12/2017

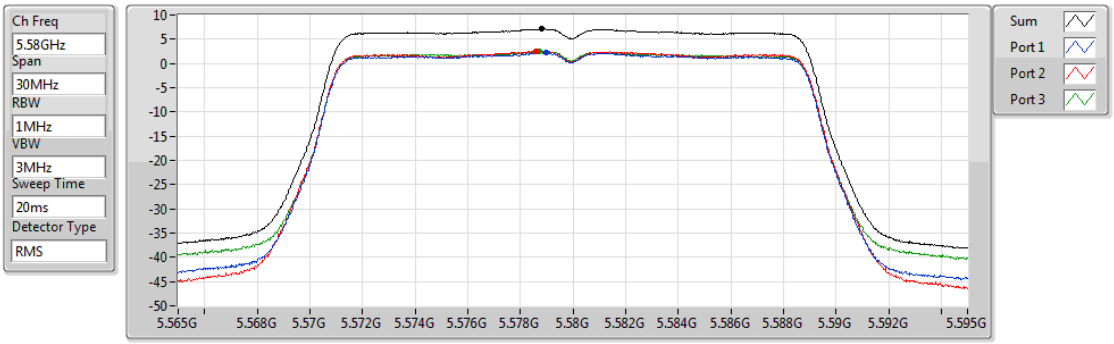


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	2.46	2.20	2.25

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

5580MHz

29/12/2017

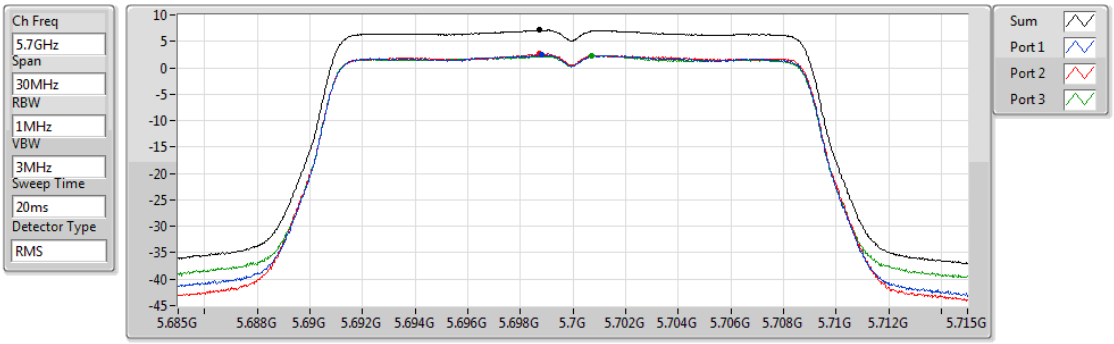


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	2.21	2.51	2.51

802.11ac VHT20-BF_Nss1,(MCS0)_3TX PSD

5700MHz

29/12/2017

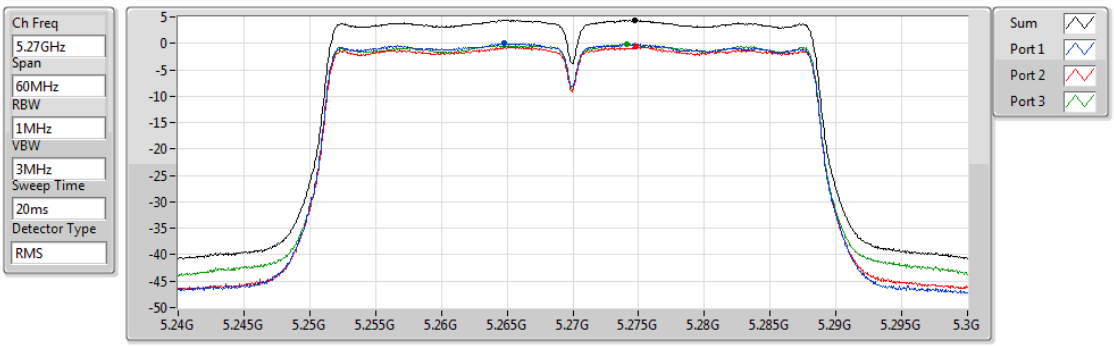


Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	2.42	2.63	2.31

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

5270MHz

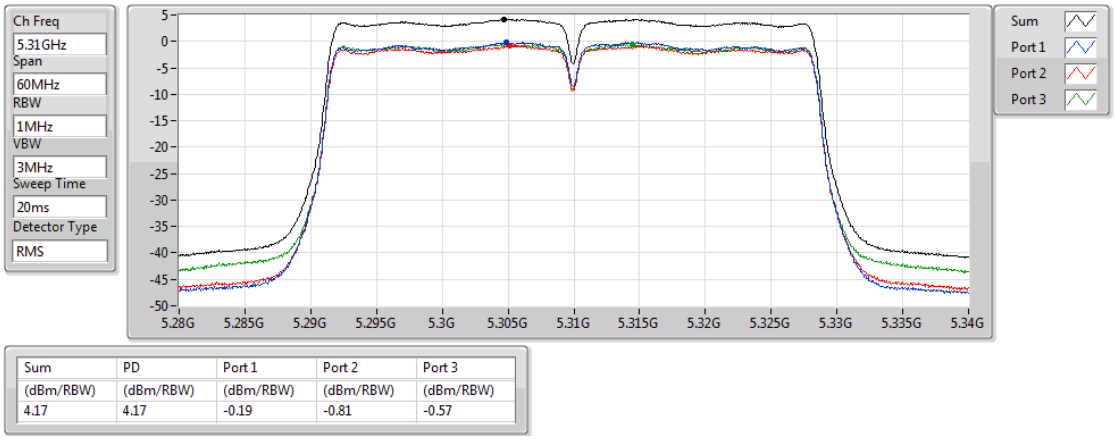
29/12/2017



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.41	4.41	0.04	-0.65	-0.12

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

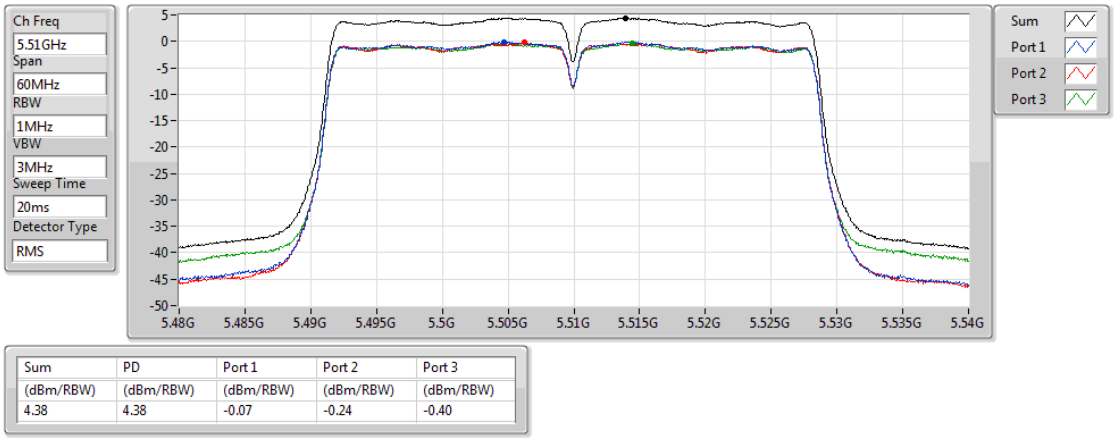
5310MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.17	4.17	-0.19	-0.81	-0.57

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

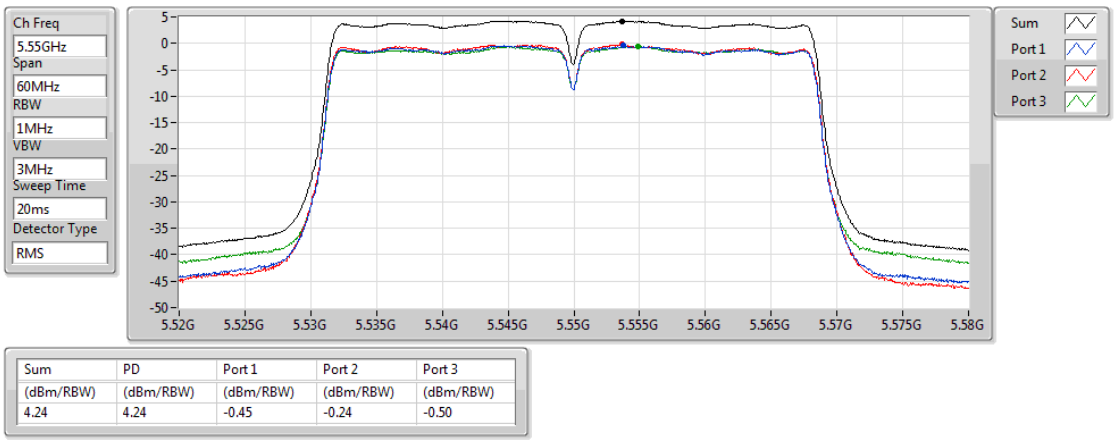
5510MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.38	4.38	-0.07	-0.24	-0.40

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

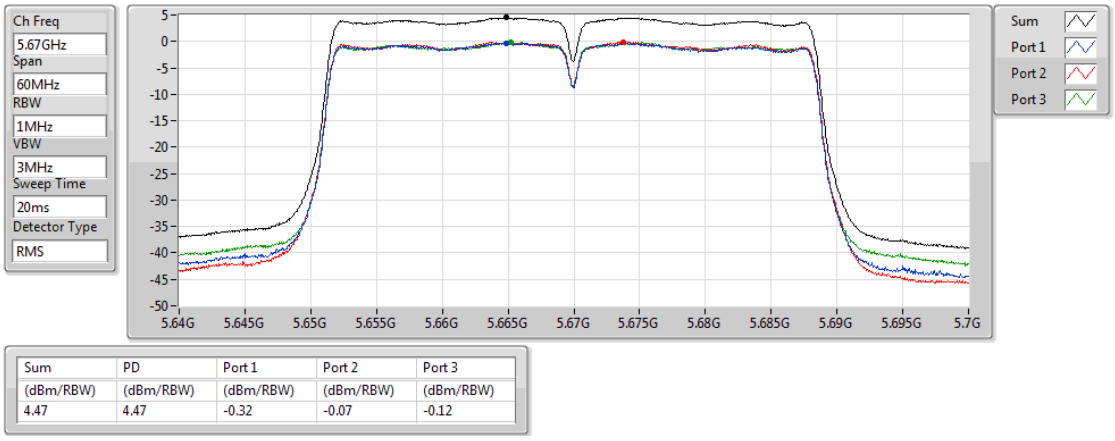
5550MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.24	4.24	-0.45	-0.24	-0.50

802.11ac VHT40-BF_Nss1,(MCS0)_3TX PSD

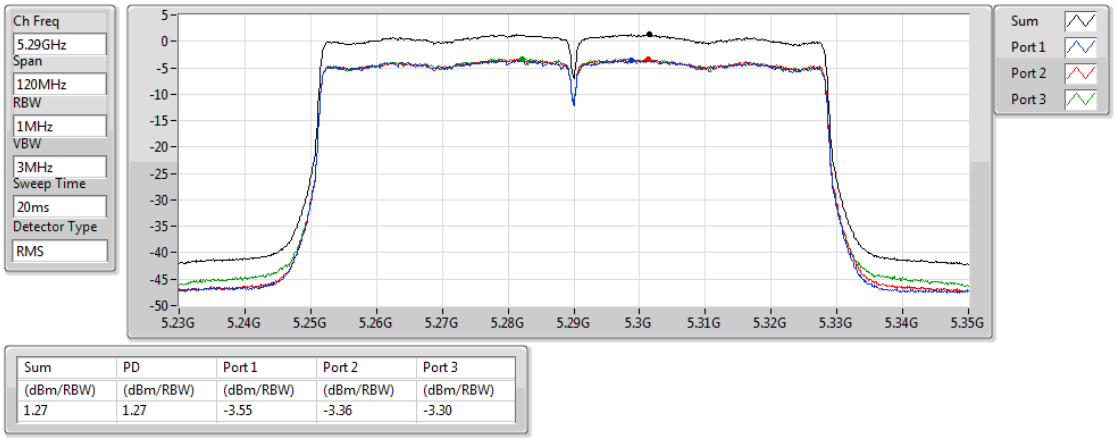
5670MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.47	4.47	-0.32	-0.07	-0.12

802.11ac VHT80-BF_Nss1,(MCS0)_3TX PSD

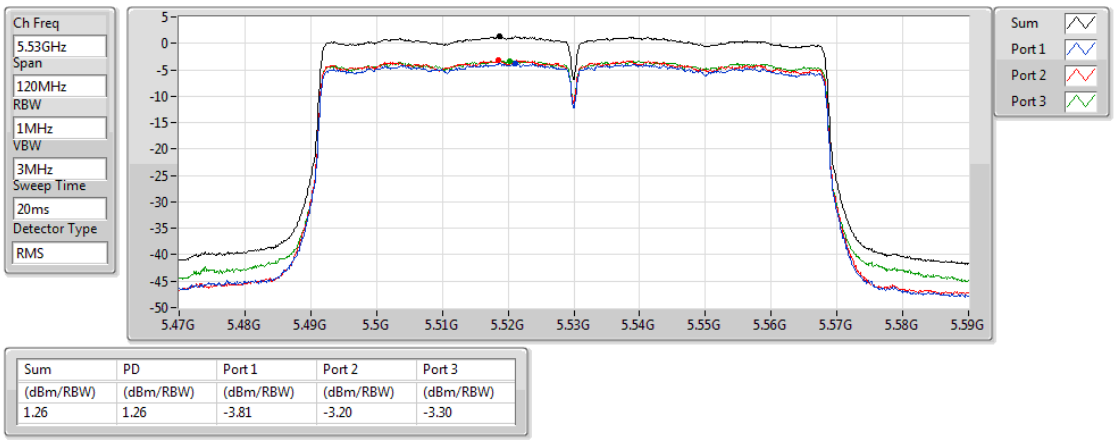
5290MHz



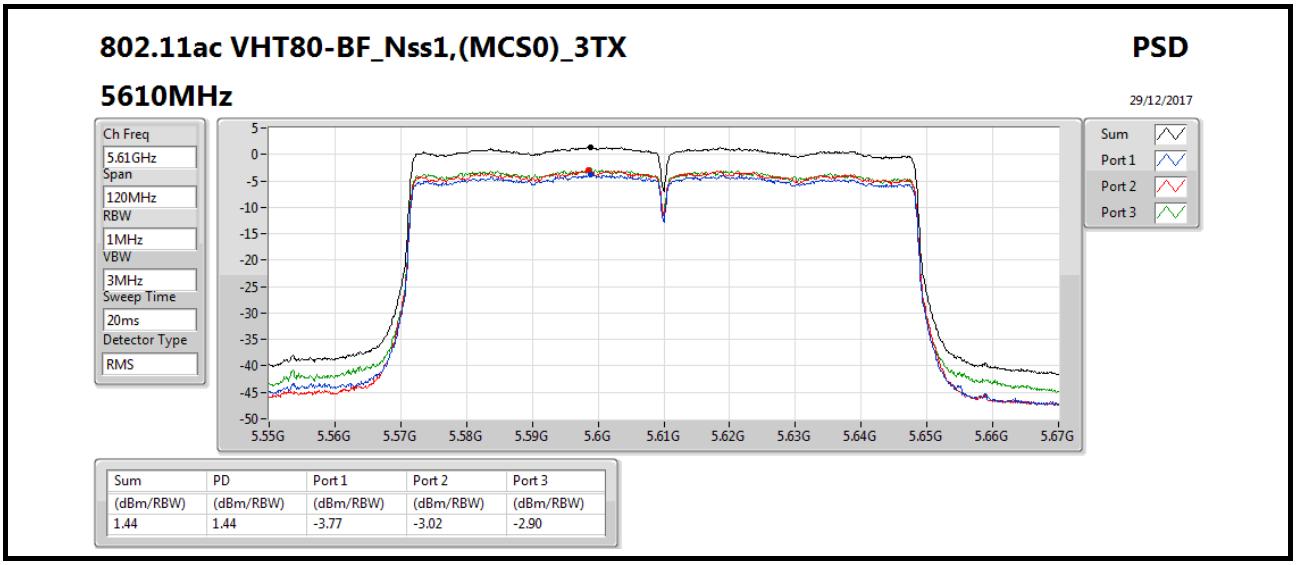
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27	-3.55	-3.36	-3.30

802.11ac VHT80-BF_Nss1,(MCS0)_3TX PSD

5530MHz



Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.26	1.26	-3.81	-3.20	-3.30



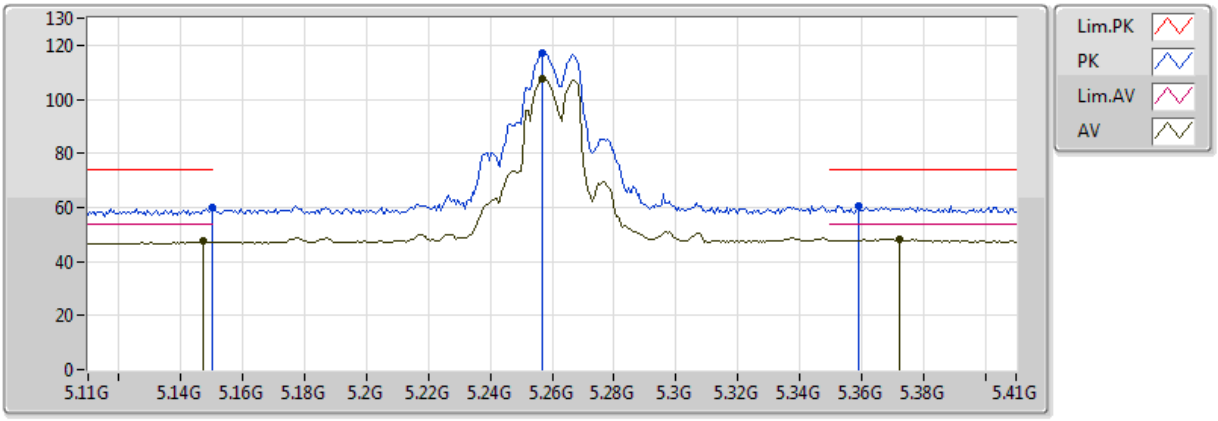
Sum	PD	Port 1	Port 2	Port 3
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.44	1.44	-3.77	-3.02	-2.90

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.47-5.725GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_3TX	Pass	AV	5.7252G	52.98	54.00	-1.02	8.63	3	Vertical	250	1.49	-

802.11a_Nss1,(6Mbps)_3TX

5260MHz_TX

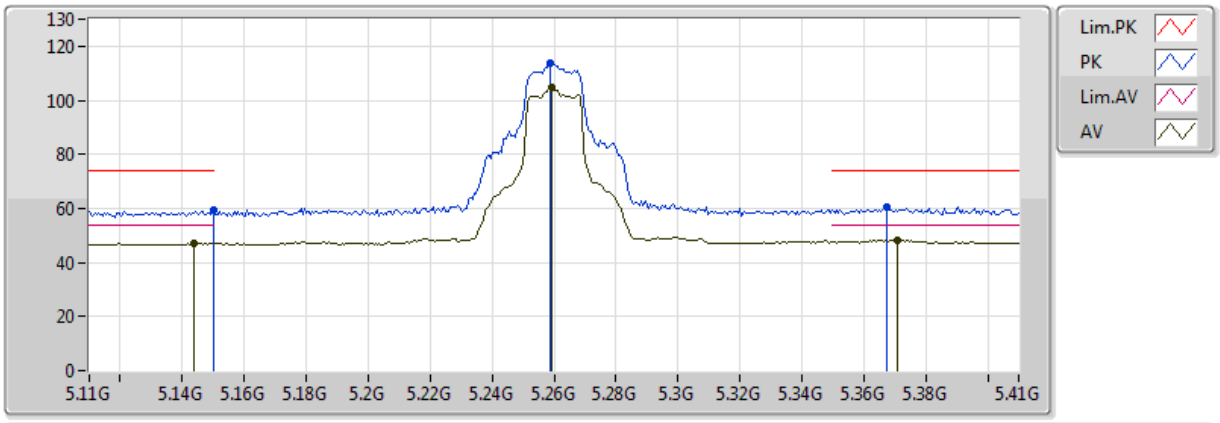


20171227
EUT Y_3TX
Setting 78
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1472G	47.57	54.00	-6.43	7.69	3	Vertical	96	1.77
AV	5.257G	107.64	Inf	-Inf	8.00	3	Vertical	96	1.77
AV	5.3722G	48.31	54.00	-5.69	8.18	3	Vertical	96	1.77
PK	5.149995G	59.83	74.00	-14.17	7.70	3	Vertical	96	1.77
PK	5.257G	117.17	Inf	-Inf	8.00	3	Vertical	96	1.77
PK	5.359G	60.61	74.00	-13.39	8.16	3	Vertical	96	1.77

802.11a_Nss1,(6Mbps)_3TX

5260MHz_TX

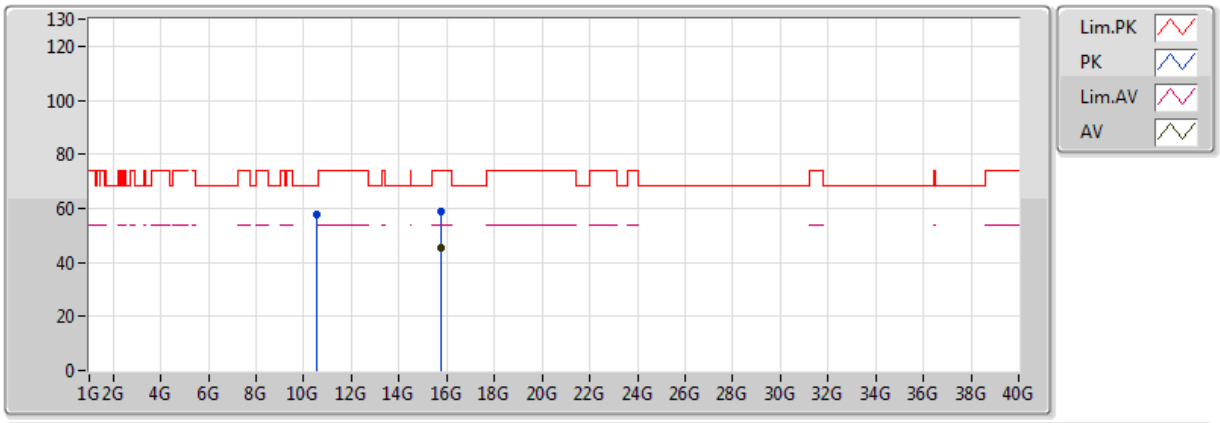


20171227
EUT Y_3TX
Setting 78
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1436G	47.25	54.00	-6.75	7.68	3	Horizontal	90	1.41
AV	5.2594G	104.69	Inf	-Inf	8.01	3	Horizontal	90	1.41
AV	5.371G	48.30	54.00	-5.70	8.18	3	Horizontal	90	1.41
PK	5.149995G	59.61	74.00	-14.39	7.70	3	Horizontal	90	1.41
PK	5.2588G	113.88	Inf	-Inf	8.00	3	Horizontal	90	1.41
PK	5.3674G	60.27	74.00	-13.73	8.17	3	Horizontal	90	1.41

802.11a_Nss1,(6Mbps)_3TX

5260MHz_TX

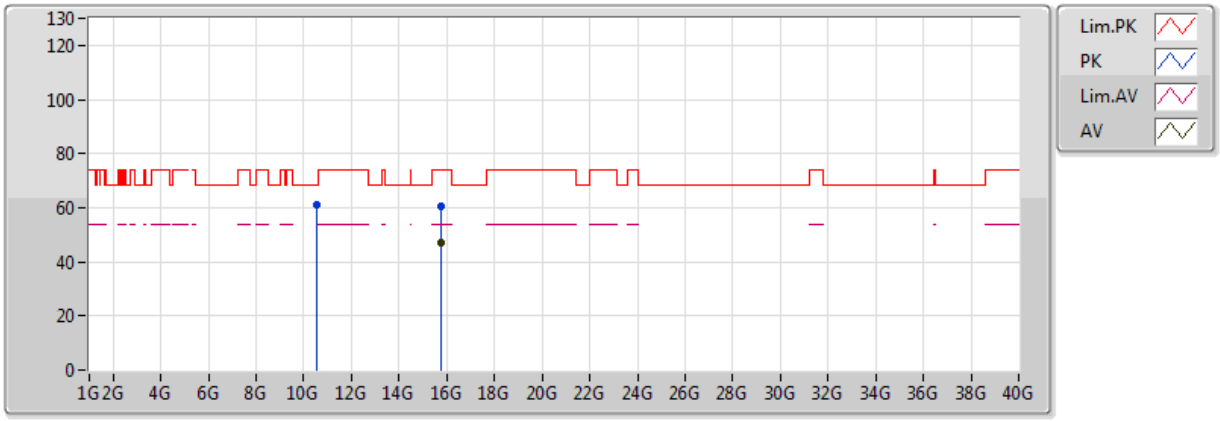


20171201
EUT Y_3TX
Setting 78
03_R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.77778G	45.47	54.00	-8.53	14.71	3	Vertical	109	1.44
PK	10.52576G	57.47	68.20	-10.73	14.03	3	Vertical	112	1.68
PK	15.7785G	59.08	74.00	-14.92	14.71	3	Vertical	109	1.44

802.11a_Nss1,(6Mbps)_3TX

5260MHz_TX

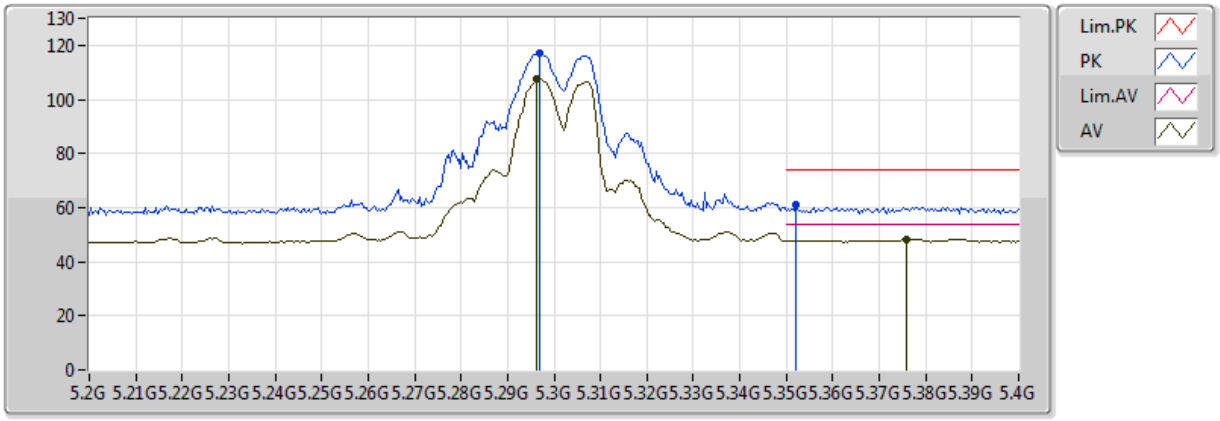


20171201
EUT Y_3TX
Setting 78
03_R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.78126G	46.79	54.00	-7.21	14.70	3	Horizontal	334	1.50
PK	10.51886G	60.83	68.20	-7.37	14.01	3	Horizontal	292	2.09
PK	15.78324G	60.24	74.00	-13.76	14.69	3	Horizontal	334	1.50

802.11a_Nss1,(6Mbps)_3TX

5300MHz_TX

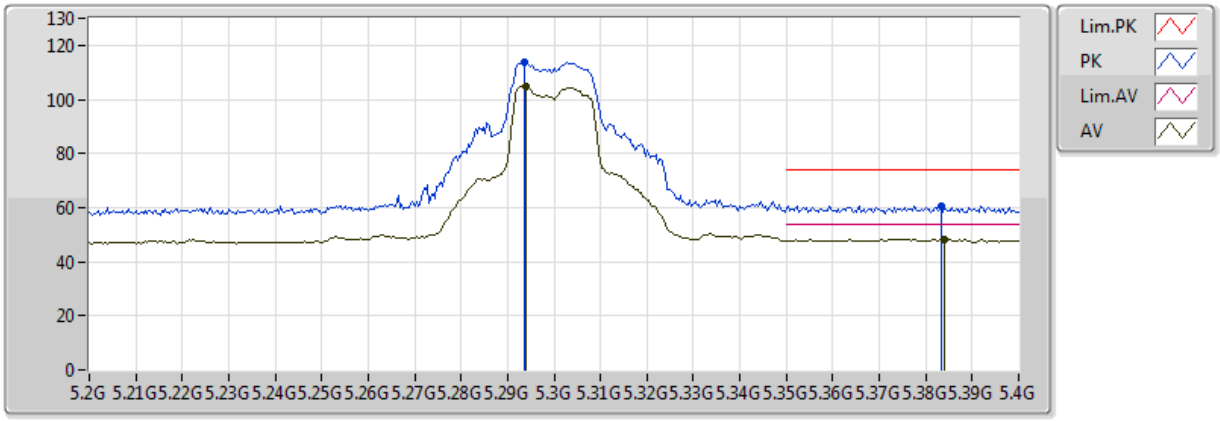


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2964G	107.32	Inf	-Inf	8.07	3	Vertical	95	1.62
AV	5.376G	48.44	54.00	-5.56	8.19	3	Vertical	95	1.62
PK	5.2968G	116.98	Inf	-Inf	8.07	3	Vertical	95	1.62
PK	5.352G	60.98	74.00	-13.02	8.15	3	Vertical	95	1.62

802.11a_Nss1,(6Mbps)_3TX

5300MHz_TX

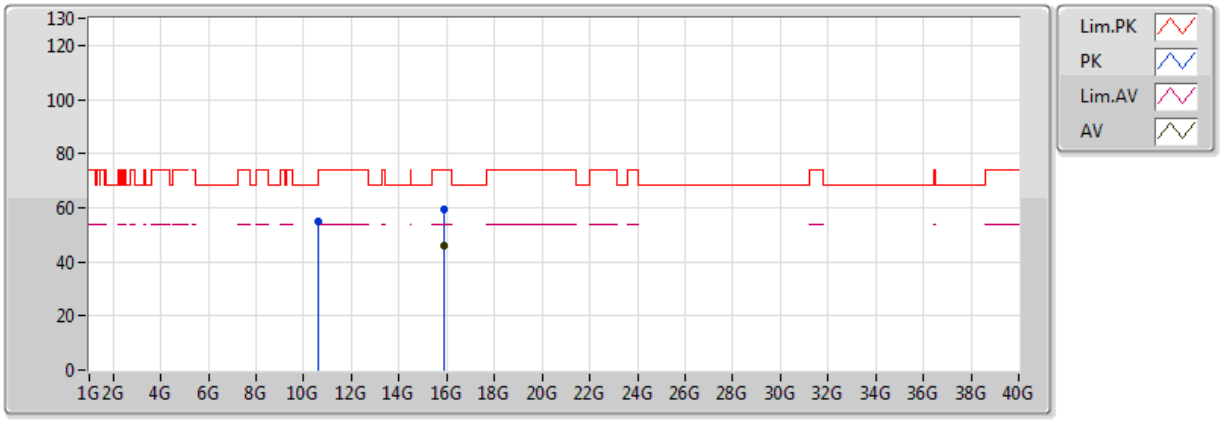


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.294G	104.65	Inf	-Inf	8.06	3	Horizontal	77	1.49
AV	5.384G	48.38	54.00	-5.62	8.20	3	Horizontal	77	1.49
PK	5.2936G	113.67	Inf	-Inf	8.06	3	Horizontal	77	1.49
PK	5.3832G	60.48	74.00	-13.52	8.20	3	Horizontal	77	1.49

802.11a_Nss1,(6Mbps)_3TX

5300MHz_TX

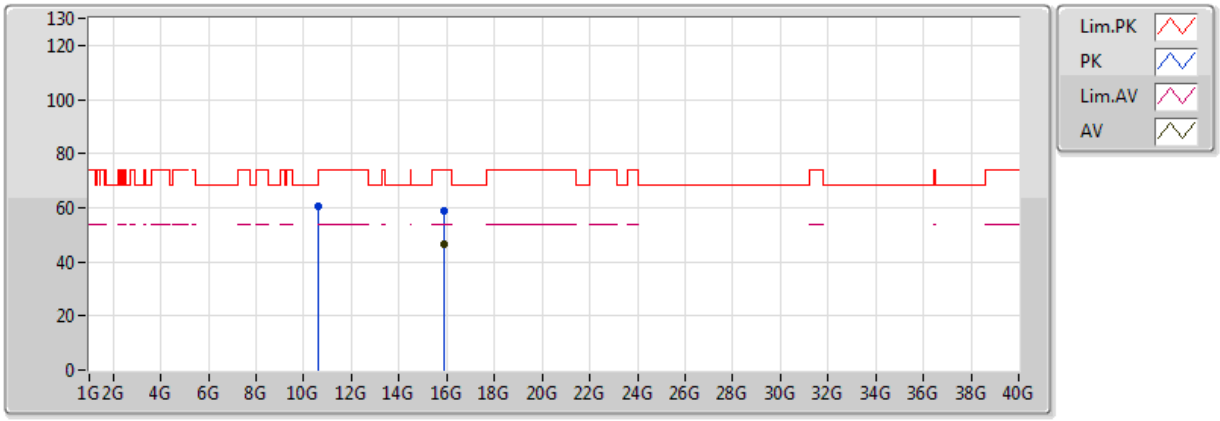


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.89184G	46.21	54.00	-7.79	15.10	3	Vertical	123	1.70
PK	10.59512G	55.04	68.20	-13.16	14.42	3	Vertical	92	1.68
PK	15.89336G	59.14	74.00	-14.86	15.09	3	Vertical	123	1.70

802.11a_Nss1,(6Mbps)_3TX

5300MHz_TX

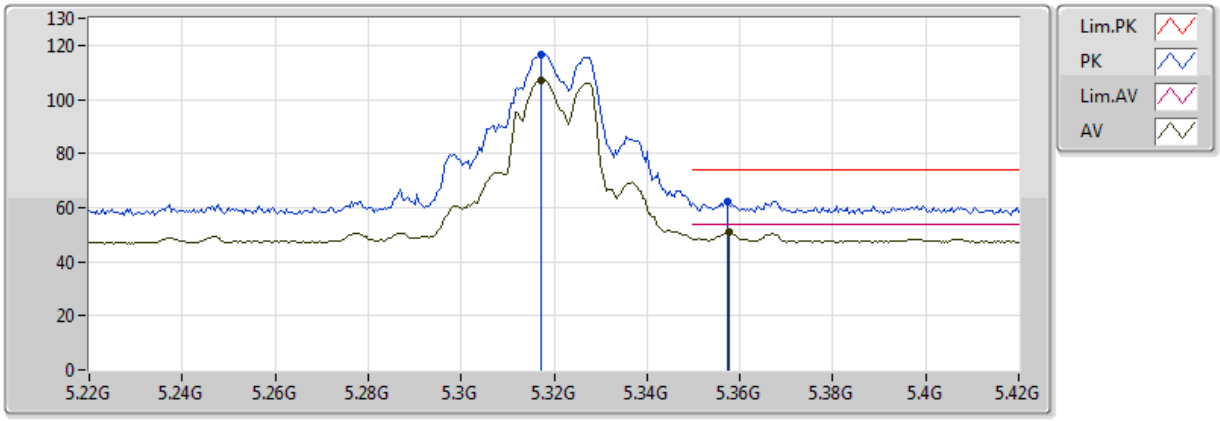


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.88872G	46.27	54.00	-7.73	15.11	3	Horizontal	336	2.99
PK	10.60024G	60.60	74.00	-13.40	14.41	3	Horizontal	288	2.02
PK	15.8856G	58.91	74.00	-15.09	15.11	3	Horizontal	336	2.99

802.11a_Nss1,(6Mbps)_3TX

5320MHz_TX

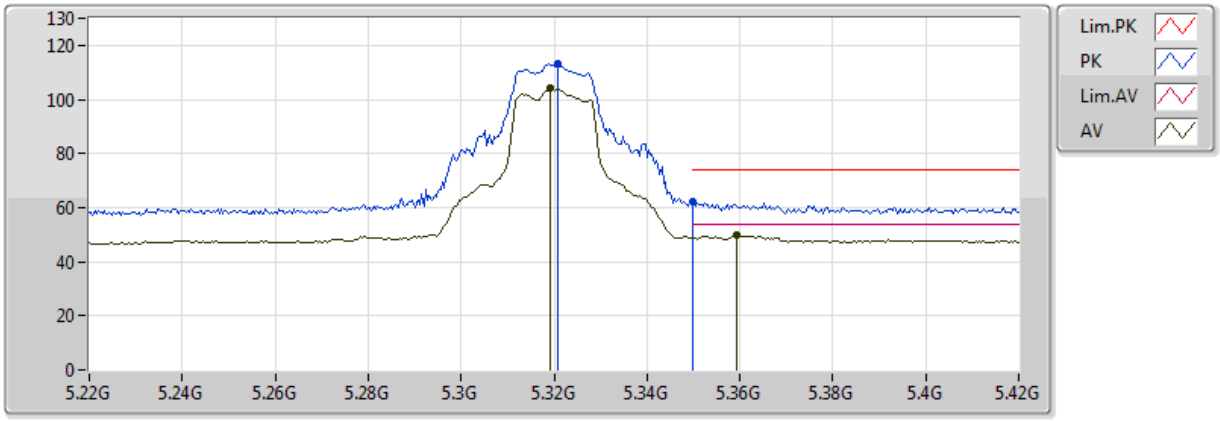


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3172G	107.13	Inf	-Inf	8.10	3	Vertical	96	2.12
AV	5.3576G	50.89	54.00	-3.11	8.16	3	Vertical	96	2.12
PK	5.3172G	116.70	Inf	-Inf	8.10	3	Vertical	96	2.12
PK	5.3572G	62.19	74.00	-11.81	8.16	3	Vertical	96	2.12

802.11a_Nss1,(6Mbps)_3TX

5320MHz_TX

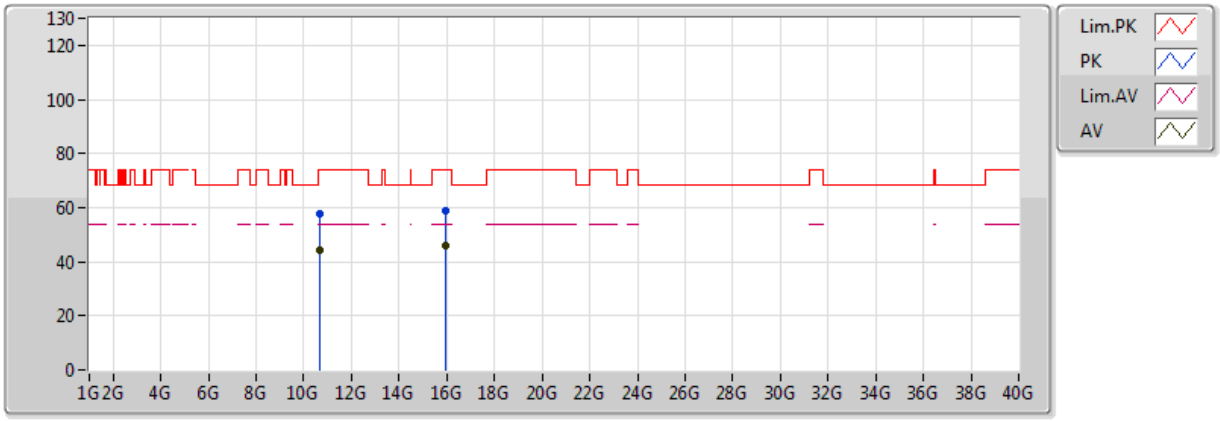


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3192G	104.19	Inf	-Inf	8.10	3	Horizontal	88	1.48
AV	5.3592G	49.62	54.00	-4.38	8.16	3	Horizontal	88	1.48
PK	5.3208G	113.13	Inf	-Inf	8.10	3	Horizontal	88	1.48
PK	5.350005G	62.32	74.00	-11.68	8.15	3	Horizontal	88	1.48

802.11a_Nss1,(6Mbps)_3TX

5320MHz_TX

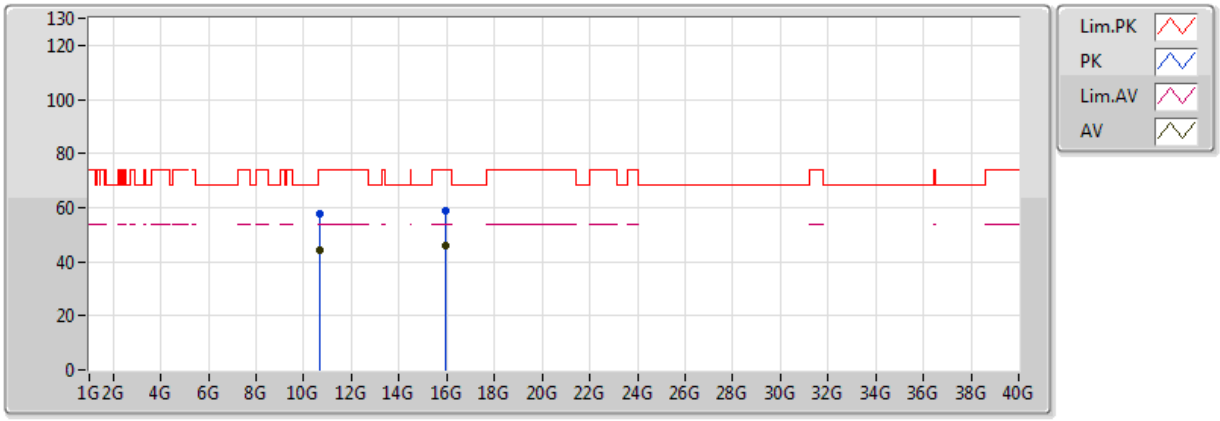


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.63936G	44.08	54.00	-9.92	14.39	3	Vertical	206	1.76
AV	15.96168G	45.71	54.00	-8.29	14.90	3	Vertical	124	2.47
PK	10.63944G	57.61	74.00	-16.39	14.39	3	Vertical	206	1.76
PK	15.94328G	58.72	74.00	-15.28	14.95	3	Vertical	124	2.47

802.11a_Nss1,(6Mbps)_3TX

5320MHz_TX

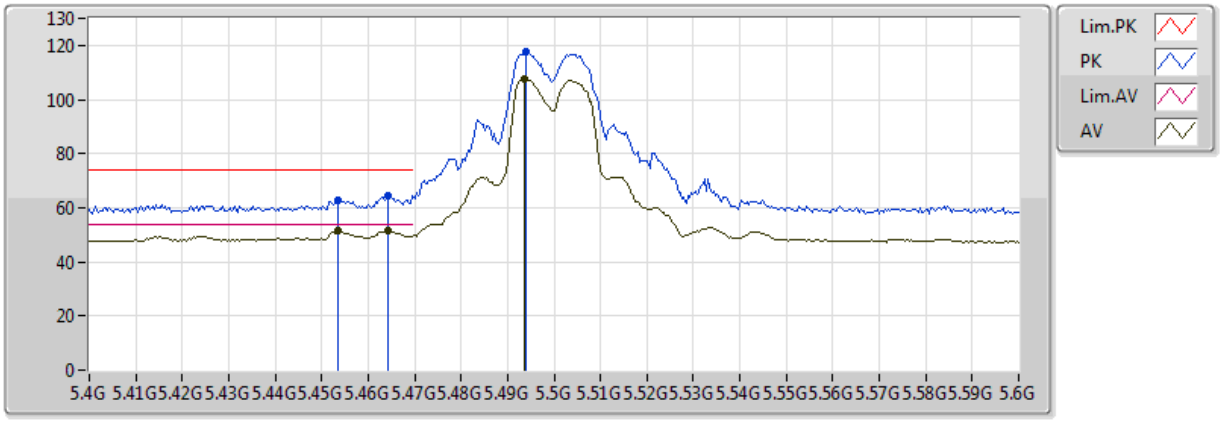


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.6396G	44.36	54.00	-9.64	14.39	3	Horizontal	320	1.34
AV	15.9604G	45.84	54.00	-8.16	14.90	3	Horizontal	105	1.36
PK	10.63912G	57.80	74.00	-16.20	14.39	3	Horizontal	320	1.34
PK	15.96112G	58.88	74.00	-15.12	14.90	3	Horizontal	105	1.36

802.11a_Nss1,(6Mbps)_3TX

5500MHz_TX

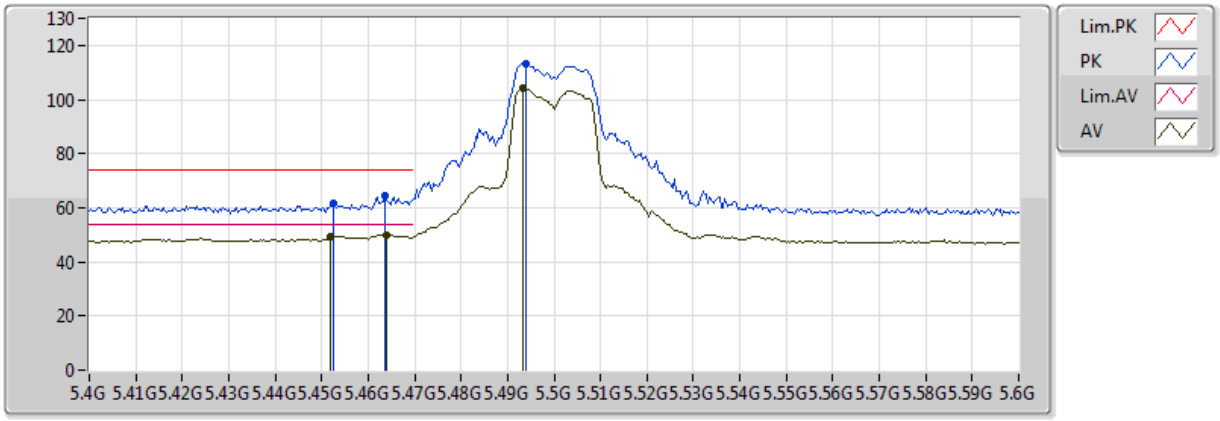


20171227
EUT Y_3TX
Setting 78
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4536G	51.32	54.00	-2.68	8.29	3	Vertical	251	1.46
AV	5.4644G	51.45	54.00	-2.55	8.31	3	Vertical	251	1.46
AV	5.4936G	107.80	Inf	-Inf	8.34	3	Vertical	251	1.46
PK	5.4536G	62.80	74.00	-11.20	8.29	3	Vertical	251	1.46
PK	5.4644G	64.68	74.00	-9.32	8.31	3	Vertical	251	1.46
PK	5.494G	117.41	Inf	-Inf	8.34	3	Vertical	251	1.46

802.11a_Nss1,(6Mbps)_3TX

5500MHz_TX

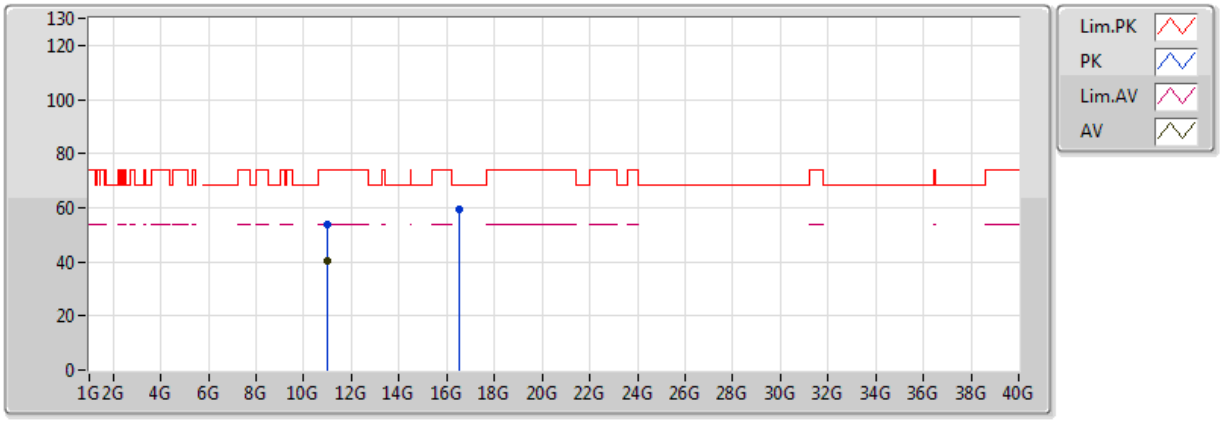


20171227
EUT Y_3TX
Setting 78
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.452G	49.49	54.00	-4.51	8.29	3	Horizontal	81	1.27
AV	5.464G	50.07	54.00	-3.93	8.31	3	Horizontal	81	1.27
AV	5.4932G	104.13	Inf	-Inf	8.34	3	Horizontal	81	1.27
PK	5.4524G	61.64	74.00	-12.36	8.29	3	Horizontal	81	1.27
PK	5.4636G	64.31	74.00	-9.69	8.31	3	Horizontal	81	1.27
PK	5.494G	113.28	Inf	-Inf	8.34	3	Horizontal	81	1.27

802.11a_Nss1,(6Mbps)_3TX

5500MHz_TX

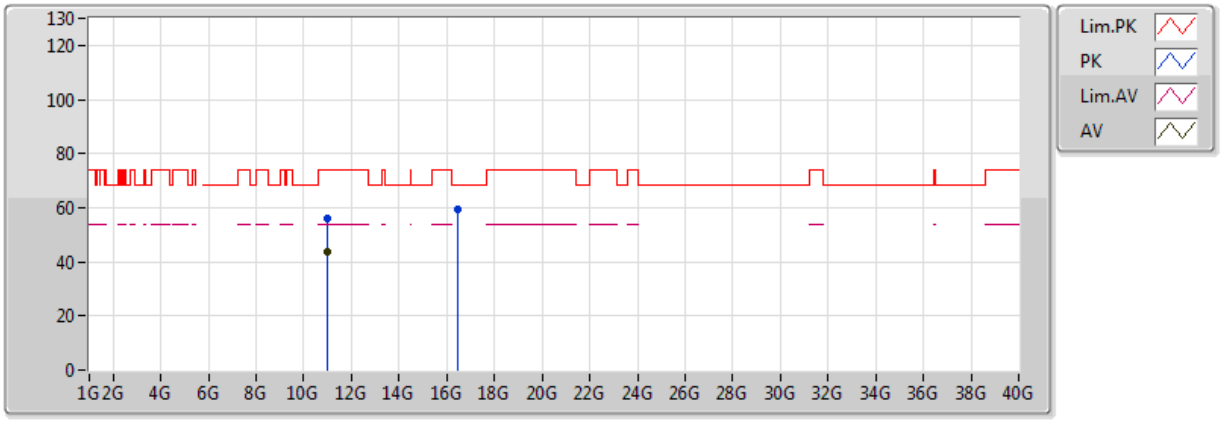


20171201
EUT Y_3TX
Setting 78
03_R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.00336G	40.49	54.00	-13.51	15.01	3	Vertical	73	2.04
PK	11.00378G	54.03	74.00	-19.97	15.00	3	Vertical	73	2.04
PK	16.50036G	59.48	68.20	-8.72	16.37	3	Vertical	255	1.50

802.11a_Nss1,(6Mbps)_3TX

5500MHz_TX

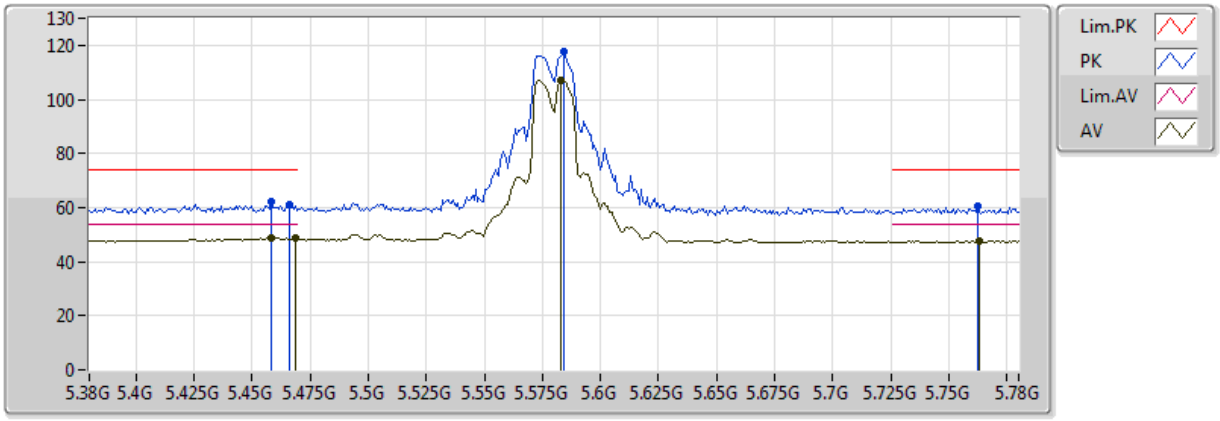


20171201
EUT Y_3TX
Setting 78
03_R-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11G	43.50	54.00	-10.50	15.01	3	Horizontal	313	1.40
PK	11.00048G	56.24	74.00	-17.76	15.01	3	Horizontal	313	1.40
PK	16.49112G	59.32	68.20	-8.88	16.32	3	Horizontal	55	1.76

802.11a_Nss1,(6Mbps)_3TX

5580MHz_TX

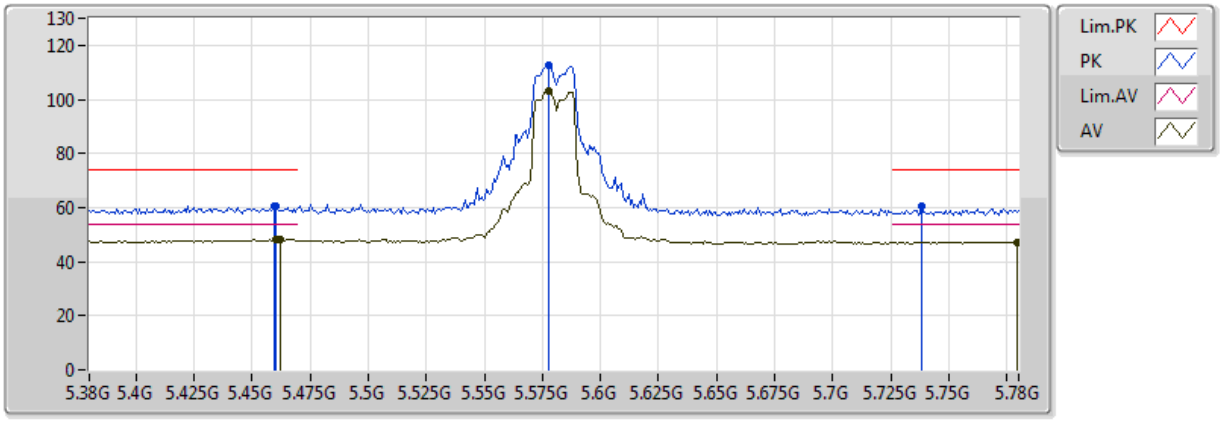


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4584G	48.79	54.00	-5.21	8.30	3	Vertical	249	1.50
AV	5.4688G	48.98	54.00	-5.02	8.31	3	Vertical	249	1.50
AV	5.5832G	107.11	Inf	-Inf	8.33	3	Vertical	249	1.50
AV	5.7632G	47.75	54.00	-6.25	8.73	3	Vertical	249	1.50
PK	5.4584G	62.00	74.00	-12.00	8.30	3	Vertical	249	1.50
PK	5.4664G	60.87	74.00	-13.13	8.31	3	Vertical	249	1.50
PK	5.584G	117.53	Inf	-Inf	8.33	3	Vertical	249	1.50
PK	5.7624G	60.33	74.00	-13.67	8.73	3	Vertical	249	1.50

802.11a_Nss1,(6Mbps)_3TX

5580MHz_TX

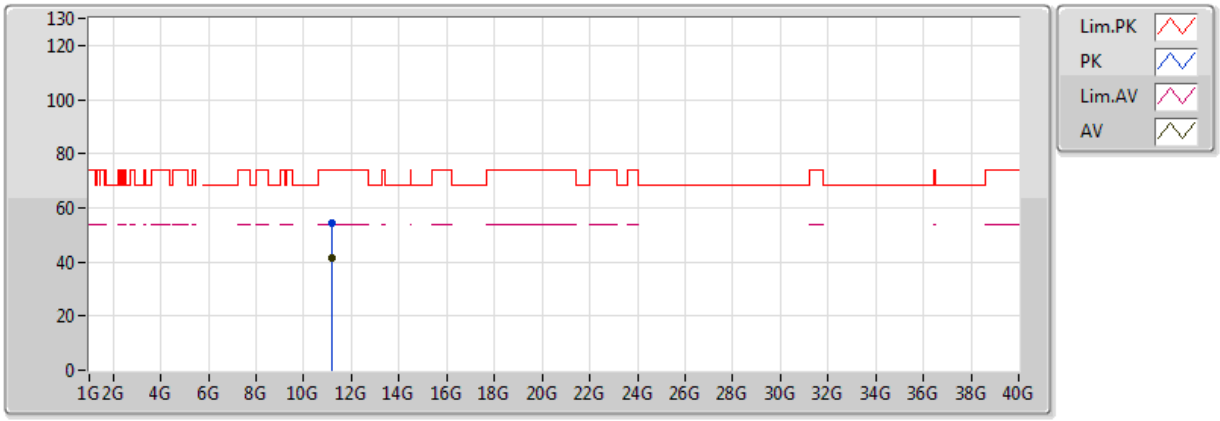


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	48.18	54.00	-5.82	8.30	3	Horizontal	70	1.38
AV	5.4624G	48.35	54.00	-5.65	8.30	3	Horizontal	70	1.38
AV	5.5776G	103.29	Inf	-Inf	8.33	3	Horizontal	70	1.38
AV	5.7792G	47.24	54.00	-6.76	8.77	3	Horizontal	70	1.38
PK	5.4598G	60.38	74.00	-13.62	8.30	3	Horizontal	70	1.38
PK	5.460005G	60.38	74.00	-13.62	8.30	3	Horizontal	70	1.38
PK	5.5776G	112.66	Inf	-Inf	8.33	3	Horizontal	70	1.38
PK	5.7384G	60.64	74.00	-13.36	8.66	3	Horizontal	70	1.38

802.11a_Nss1,(6Mbps)_3TX

5580MHz_TX



20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.158G	41.44	54.00	-12.56	14.36	3	Vertical	210	1.91
PK	11.15984G	54.11	74.00	-19.89	14.37	3	Vertical	210	1.91

802.11a_Nss1,(6Mbps)_3TX

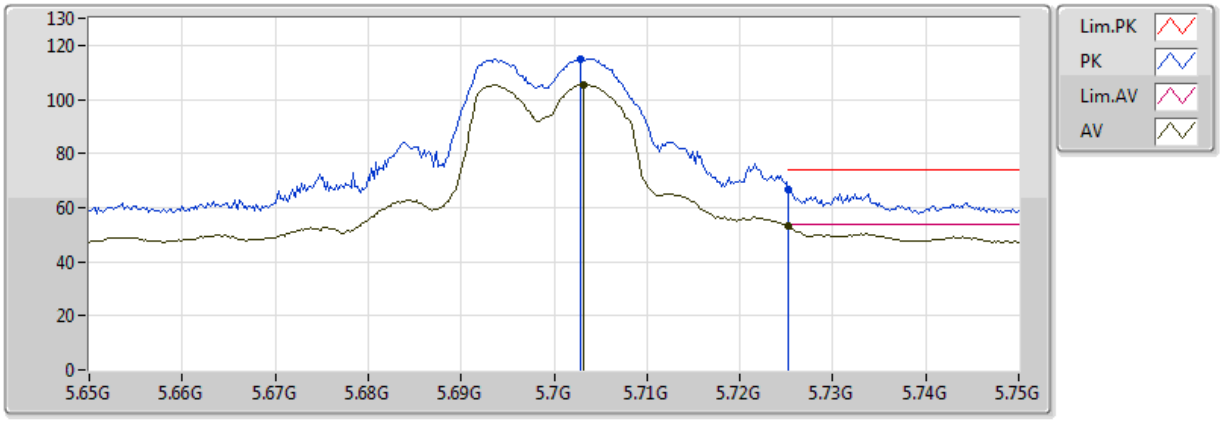
5580MHz_TX

20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.15968G	45.59	54.00	-8.41	14.37	3	Horizontal	237	2.30
PK	11.16032G	59.39	74.00	-14.61	14.37	3	Horizontal	237	2.30

802.11a_Nss1,(6Mbps)_3TX

5700MHz_TX

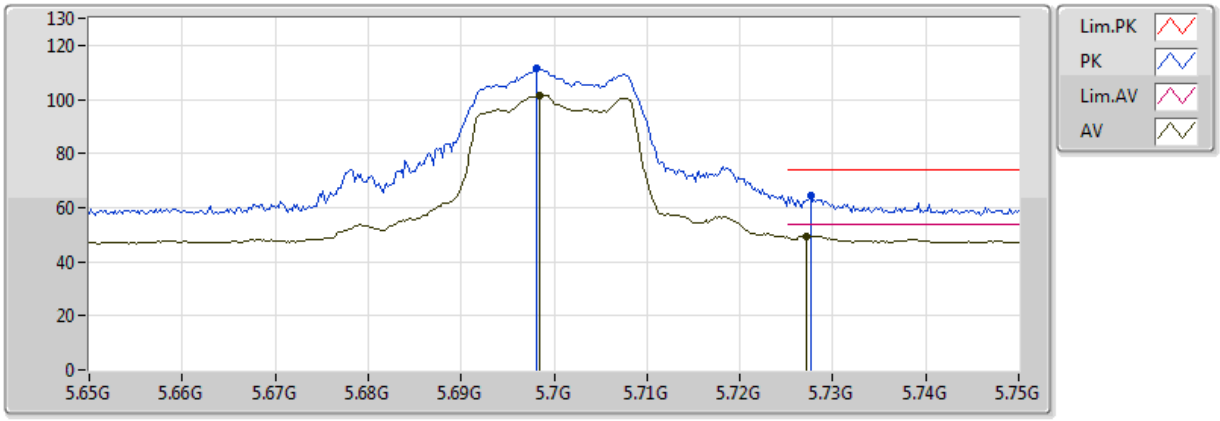


20171227
EUT Y_3TX
Setting 72
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.7032G	105.38	Inf	-Inf	8.57	3	Vertical	250	1.49
AV	5.7252G	52.98	54.00	-1.02	8.63	3	Vertical	250	1.49
PK	5.7028G	115.00	Inf	-Inf	8.57	3	Vertical	250	1.49
PK	5.7252G	66.92	74.00	-7.08	8.63	3	Vertical	250	1.49

802.11a_Nss1,(6Mbps)_3TX

5700MHz_TX

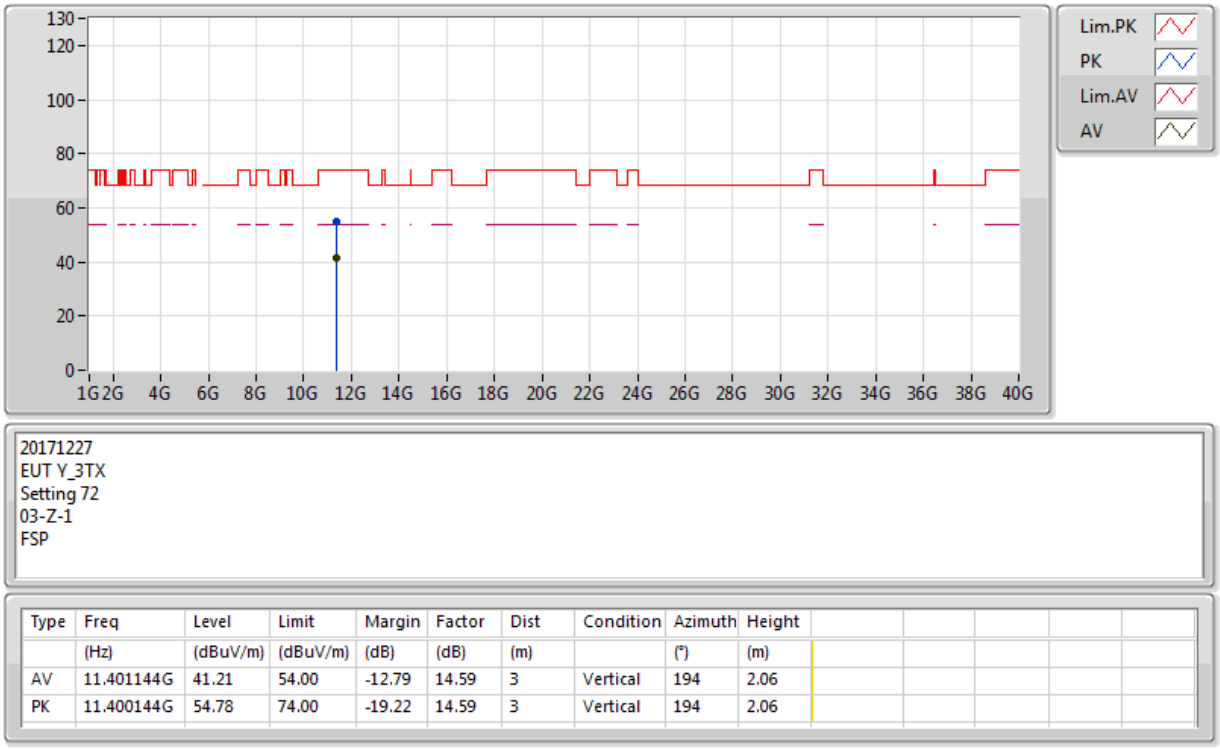


20171227
EUT Y_3TX
Setting 72
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6984G	101.70	Inf	-Inf	8.56	3	Horizontal	67	2.73
AV	5.7272G	49.49	54.00	-4.51	8.64	3	Horizontal	67	2.73
PK	5.6982G	111.38	Inf	-Inf	8.56	3	Horizontal	67	2.73
PK	5.7276G	64.64	74.00	-9.36	8.64	3	Horizontal	67	2.73

802.11a_Nss1,(6Mbps)_3TX

5700MHz_TX

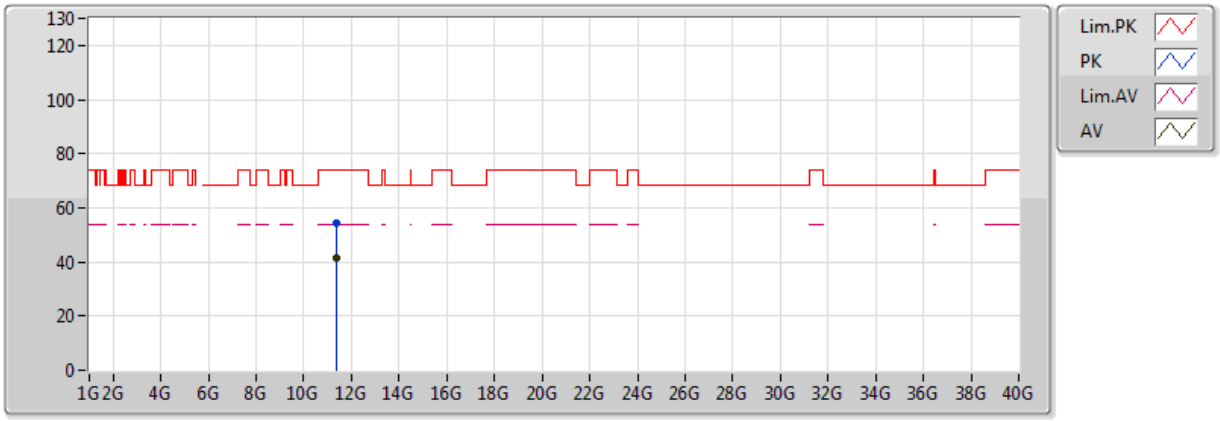


20171227
EUT Y_3TX
Setting 72
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.401144G	41.21	54.00	-12.79	14.59	3	Vertical	194	2.06
PK	11.400144G	54.78	74.00	-19.22	14.59	3	Vertical	194	2.06

802.11a_Nss1,(6Mbps)_3TX

5700MHz_TX

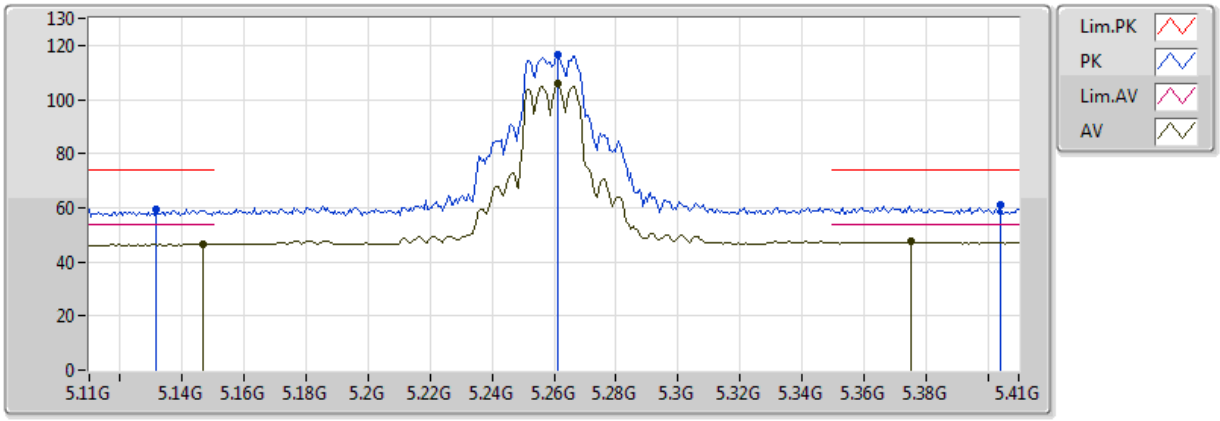


20171227
EUT Y_3TX
Setting 72
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.400784G	41.20	54.00	-12.80	14.59	3	Horizontal	85	2.36
PK	11.399704G	54.54	74.00	-19.46	14.59	3	Horizontal	85	2.36

802.11ac VHT20_Nss1,(MCS0)_3TX

5260MHz_TX

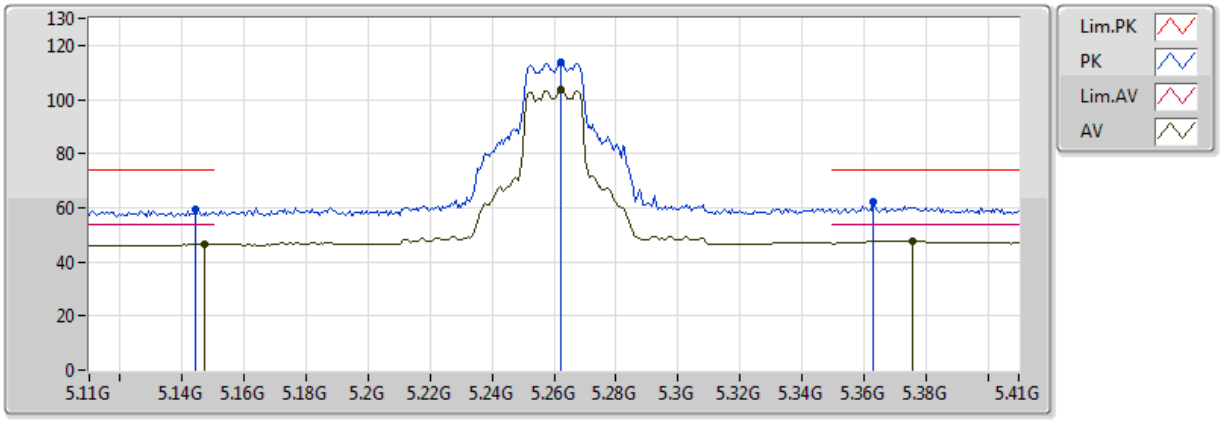


20171220
EUT Y_3TX
Setting 80
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1466G	46.73	54.00	-7.27	7.69	3	Vertical	23	1.28
AV	5.2612G	105.67	Inf	-Inf	8.01	3	Vertical	23	1.28
AV	5.3752G	47.38	54.00	-6.62	8.19	3	Vertical	23	1.28
PK	5.1316G	59.44	74.00	-14.56	7.63	3	Vertical	23	1.28
PK	5.2612G	116.67	Inf	-Inf	8.01	3	Vertical	23	1.28
PK	5.404G	60.83	74.00	-13.17	8.23	3	Vertical	23	1.28

802.11ac VHT20_Nss1,(MCS0)_3TX

5260MHz_TX

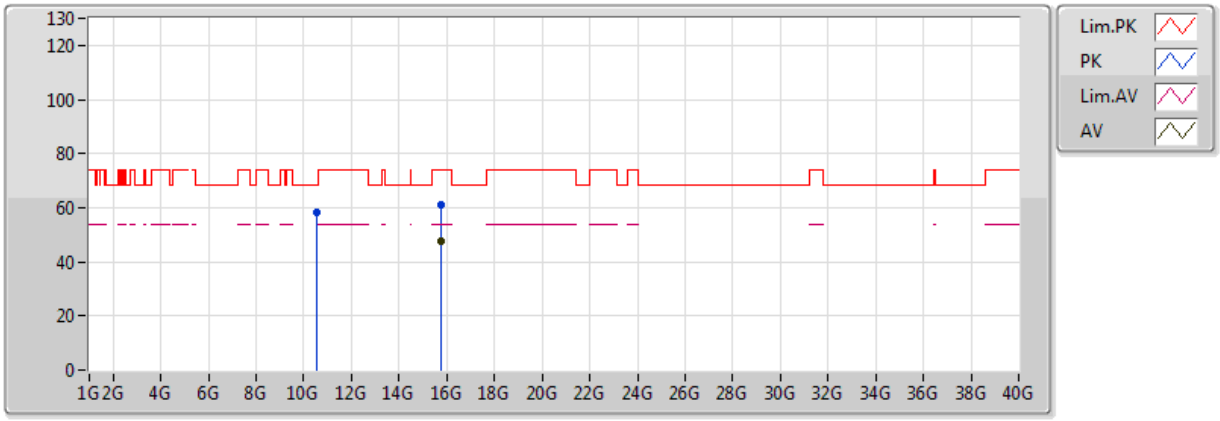


20171220
EUT Y_3TX
Setting 80
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1472G	46.50	54.00	-7.50	7.69	3	Horizontal	68	2.65
AV	5.2624G	103.62	Inf	-Inf	8.01	3	Horizontal	68	2.65
AV	5.3758G	47.78	54.00	-6.22	8.19	3	Horizontal	68	2.65
PK	5.1442G	59.29	74.00	-14.71	7.68	3	Horizontal	68	2.65
PK	5.2624G	113.51	Inf	-Inf	8.01	3	Horizontal	68	2.65
PK	5.3632G	61.99	74.00	-12.01	8.17	3	Horizontal	68	2.65

802.11ac VHT20_Nss1,(MCS0)_3TX

5260MHz_TX

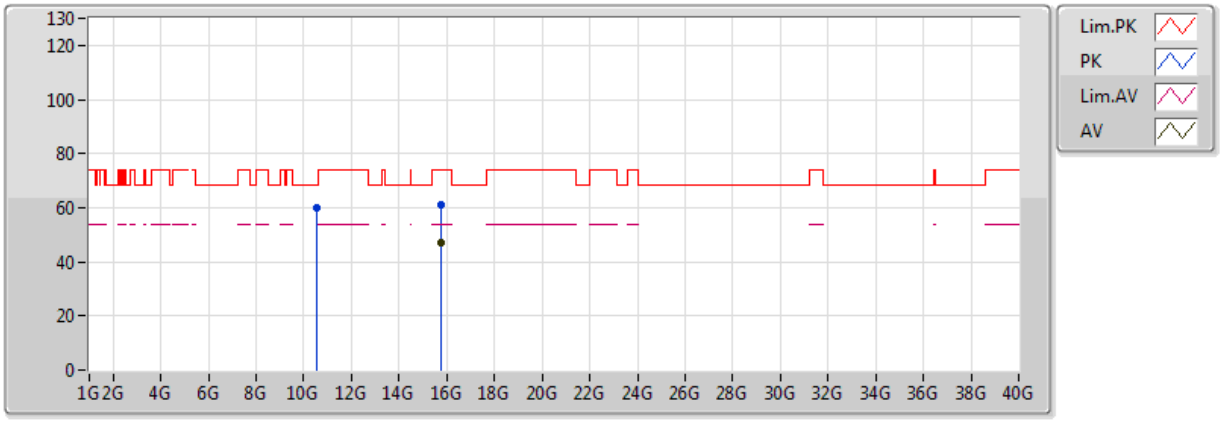


20171220
EUT Y_3TX
Setting 80
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.7807G	47.44	54.00	-6.56	15.41	3	Vertical	79	1.12
PK	10.5173G	58.40	68.20	-9.80	14.45	3	Vertical	112	2.29
PK	15.7712G	61.11	74.00	-12.89	15.44	3	Vertical	79	1.12

802.11ac VHT20_Nss1,(MCS0)_3TX

5260MHz_TX

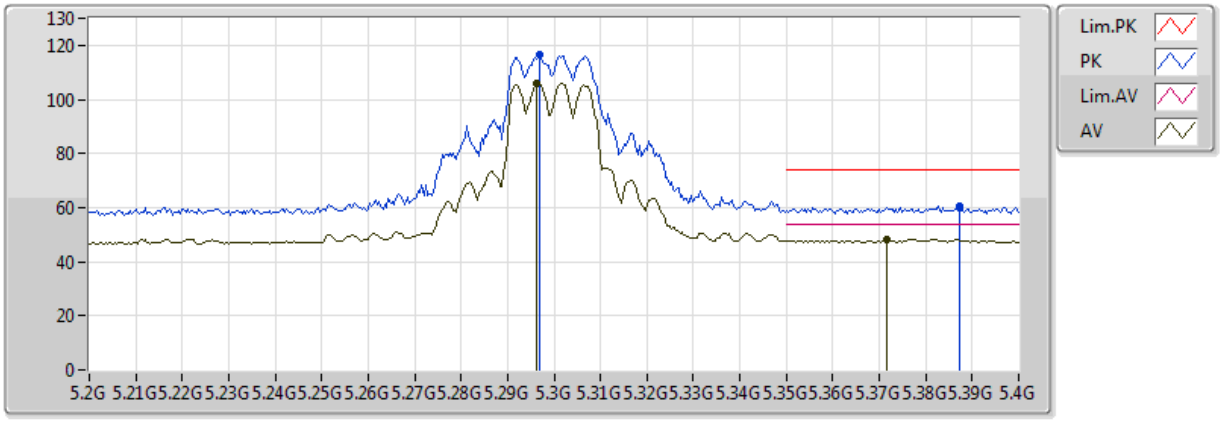


20171220
EUT Y_3TX
Setting 80
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.7849G	47.29	54.00	-6.71	15.40	3	Horizontal	334	1.19
PK	10.52G	60.09	68.20	-8.11	14.45	3	Horizontal	225	1.50
PK	15.7845G	60.83	74.00	-13.17	15.40	3	Horizontal	334	1.19

802.11ac VHT20_Nss1,(MCS0)_3TX

5300MHz_TX

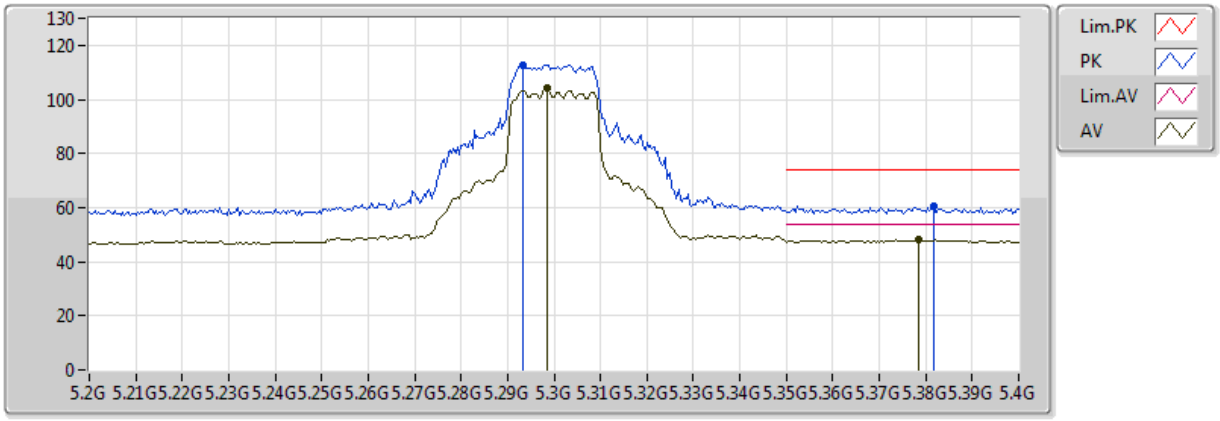


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2964G	106.08	Inf	-Inf	8.07	3	Vertical	95	1.63
AV	5.3716G	48.38	54.00	-5.62	8.18	3	Vertical	95	1.63
PK	5.2968G	116.81	Inf	-Inf	8.07	3	Vertical	95	1.63
PK	5.3872G	60.66	74.00	-13.34	8.20	3	Vertical	95	1.63

802.11ac VHT20_Nss1,(MCS0)_3TX

5300MHz_TX

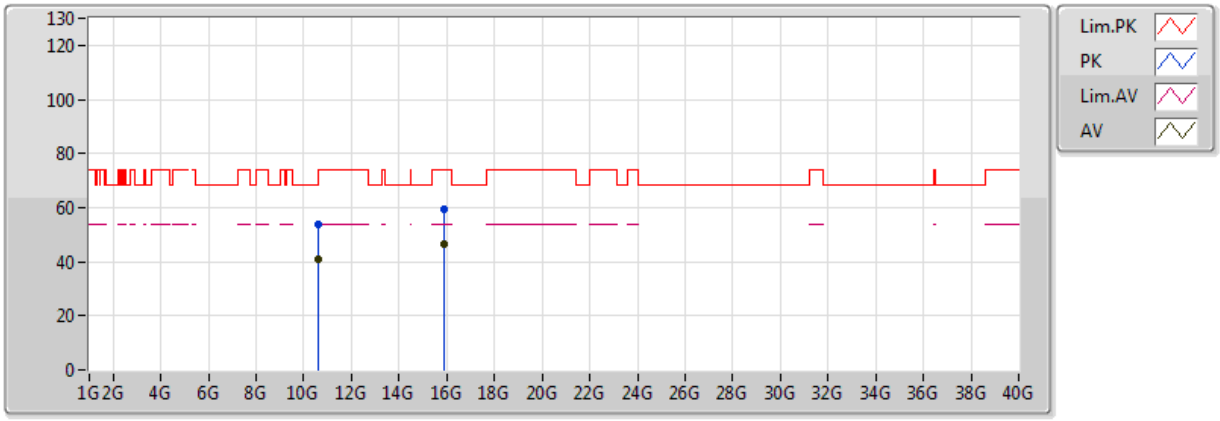


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2984G	104.07	Inf	-Inf	8.07	3	Horizontal	78	1.42
AV	5.3784G	48.25	54.00	-5.75	8.19	3	Horizontal	78	1.42
PK	5.2932G	112.64	Inf	-Inf	8.06	3	Horizontal	78	1.42
PK	5.3816G	60.45	74.00	-13.55	8.20	3	Horizontal	78	1.42

802.11ac VHT20_Nss1,(MCS0)_3TX

5300MHz_TX

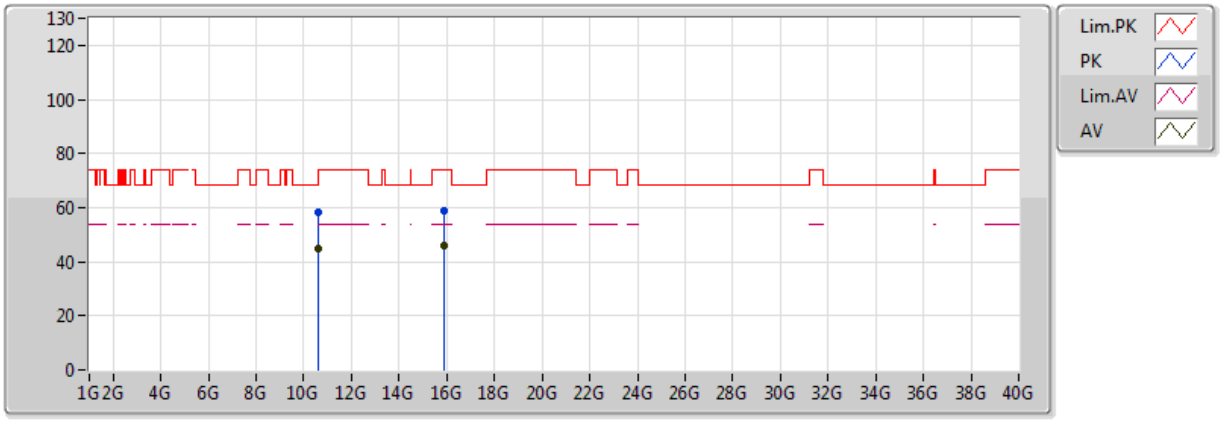


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.6004G	41.06	54.00	-12.94	14.41	3	Vertical	113	2.08
AV	15.89472G	46.42	54.00	-7.58	15.09	3	Vertical	121	1.70
PK	10.6008G	53.82	74.00	-20.18	14.41	3	Vertical	113	2.08
PK	15.8844G	59.62	74.00	-14.38	15.12	3	Vertical	121	1.70

802.11ac VHT20_Nss1,(MCS0)_3TX

5300MHz_TX

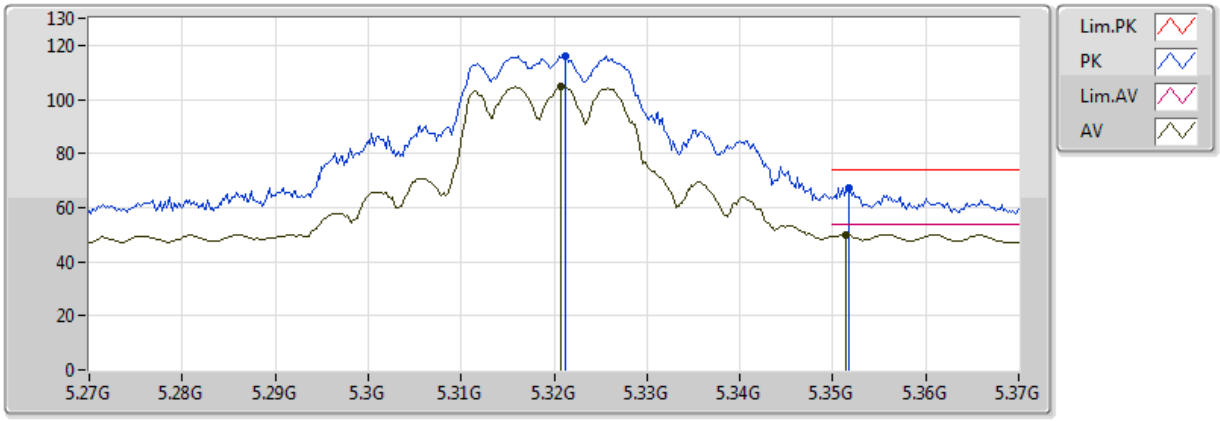


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.60024G	44.69	54.00	-9.31	14.41	3	Horizontal	234	1.43
AV	15.88744G	45.92	54.00	-8.08	15.11	3	Horizontal	255	2.02
PK	10.60016G	58.47	74.00	-15.53	14.41	3	Horizontal	234	1.43
PK	15.88648G	58.90	74.00	-15.10	15.11	3	Horizontal	255	2.02

802.11ac VHT20_Nss1,(MCS0)_3TX

5320MHz_TX

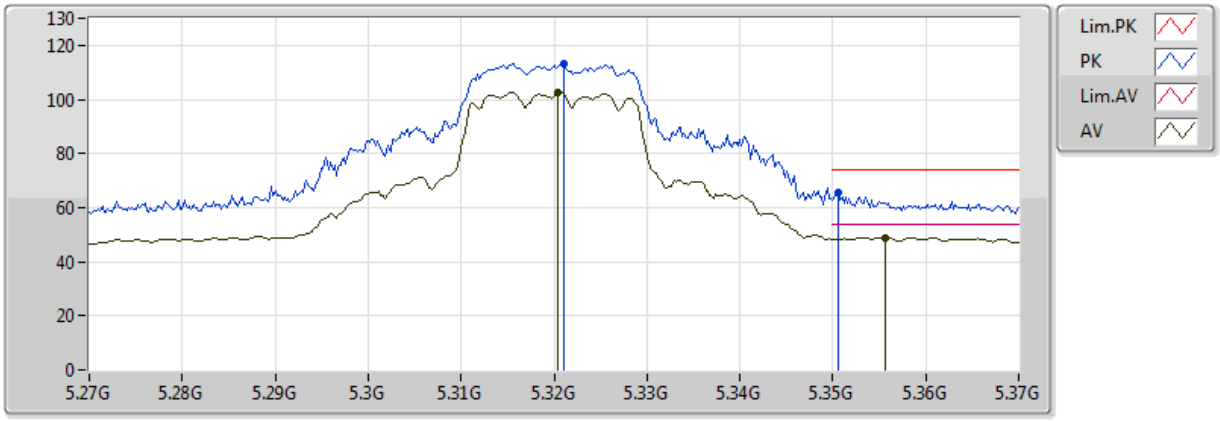


20171220
EUT Y_3TX
Setting 80
03-J-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3208G	104.80	Inf	-Inf	8.10	3	Vertical	239	1.89
AV	5.3514G	50.14	54.00	-3.86	8.15	3	Vertical	239	1.89
PK	5.3212G	116.19	Inf	-Inf	8.10	3	Vertical	239	1.89
PK	5.3518G	67.11	74.00	-6.89	8.15	3	Vertical	239	1.89

802.11ac VHT20_Nss1,(MCS0)_3TX

5320MHz_TX

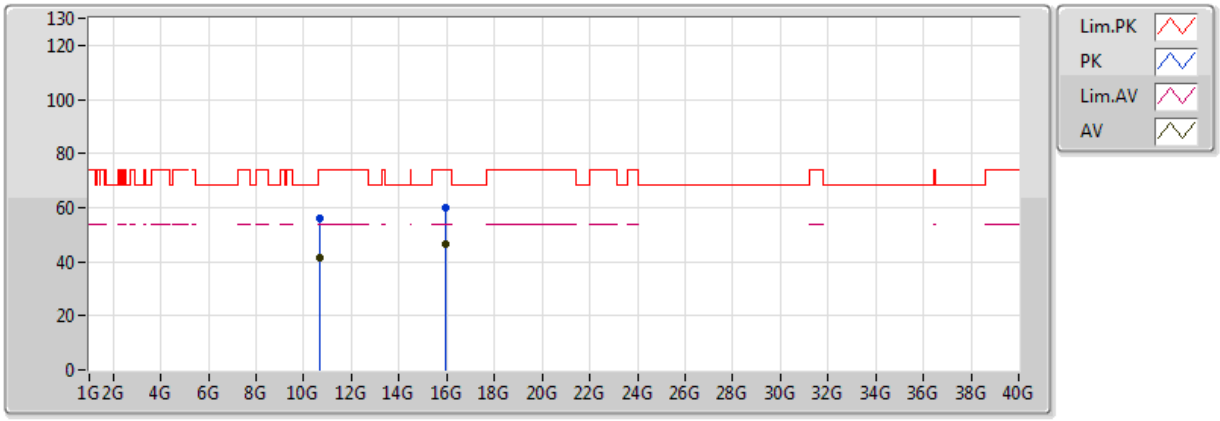


20171220
EUT Y_3TX
Setting 80
03-J-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3204G	102.82	Inf	-Inf	8.10	3	Horizontal	87	2.86
AV	5.3556G	48.97	54.00	-5.03	8.16	3	Horizontal	87	2.86
PK	5.321G	113.00	Inf	-Inf	8.10	3	Horizontal	87	2.86
PK	5.3506G	65.76	74.00	-8.24	8.15	3	Horizontal	87	2.86

802.11ac VHT20_Nss1,(MCS0)_3TX

5320MHz_TX

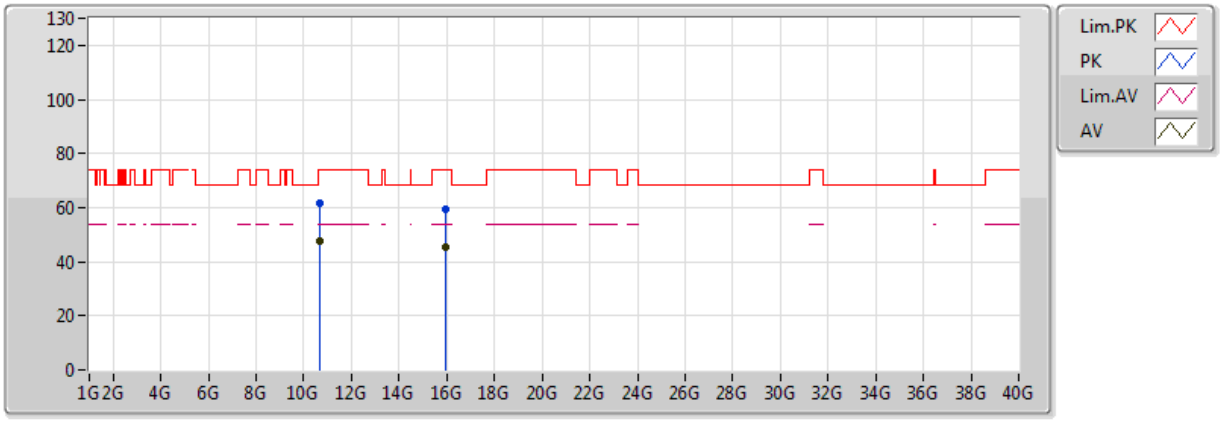


20171220
EUT Y_3TX
Setting 80
03-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.6412G	41.21	54.00	-12.79	14.39	3	Vertical	12	1.43
AV	15.9602G	46.26	54.00	-7.74	14.90	3	Vertical	80	1.03
PK	10.64576G	56.30	74.00	-17.70	14.39	3	Vertical	12	1.43
PK	15.96528G	59.92	74.00	-14.08	14.89	3	Vertical	80	1.03

802.11ac VHT20_Nss1,(MCS0)_3TX

5320MHz_TX

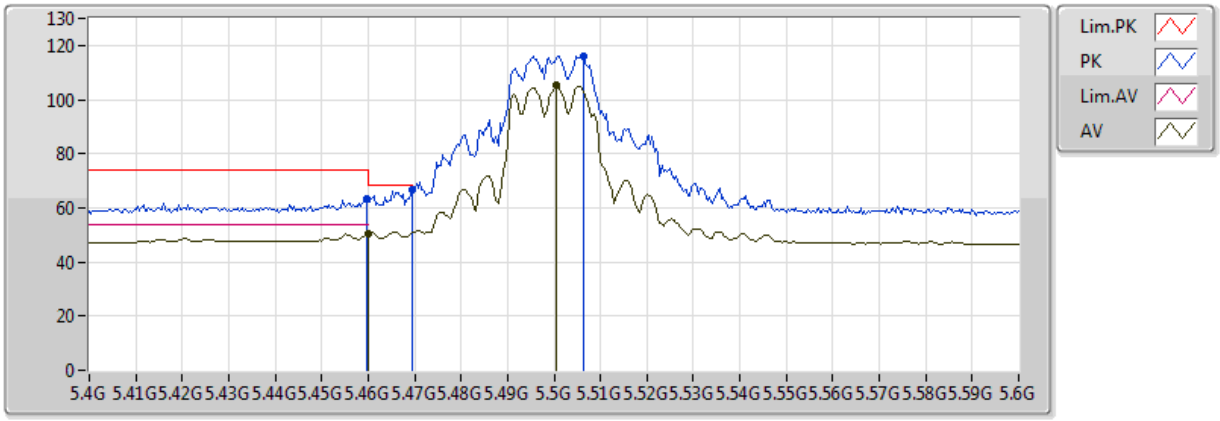


20171220
EUT Y_3TX
Setting 80
03-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.6399G	47.36	54.00	-6.64	14.39	3	Horizontal	320	1.38
AV	15.96344G	45.20	54.00	-8.80	14.89	3	Horizontal	103	2.50
PK	10.6403G	61.63	74.00	-12.37	14.39	3	Horizontal	320	1.38
PK	15.94568G	59.14	74.00	-14.86	14.94	3	Horizontal	103	2.50

802.11ac VHT20_Nss1,(MCS0)_3TX

5500MHz_TX

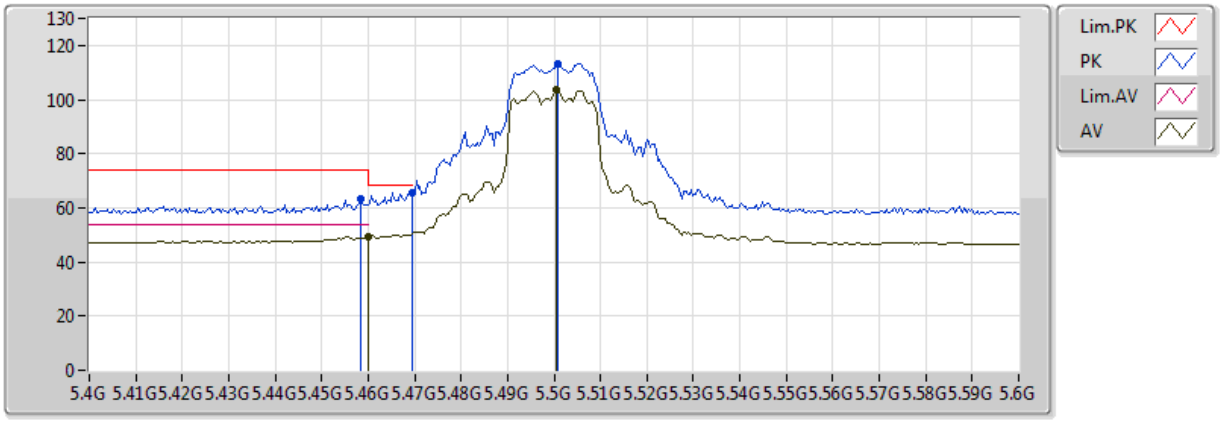


20171220
EUT Y_3TX
Setting 80
03-J-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	50.56	54.00	-3.44	8.30	3	Vertical	240	2.11
AV	5.5004G	105.18	Inf	-Inf	8.35	3	Vertical	240	2.11
PK	5.4596G	63.30	74.00	-10.70	8.30	3	Vertical	240	2.11
PK	5.4696G	66.43	68.20	-1.77	8.31	3	Vertical	240	2.11
PK	5.5064G	116.01	Inf	-Inf	8.35	3	Vertical	240	2.11

802.11ac VHT20_Nss1,(MCS0)_3TX

5500MHz_TX

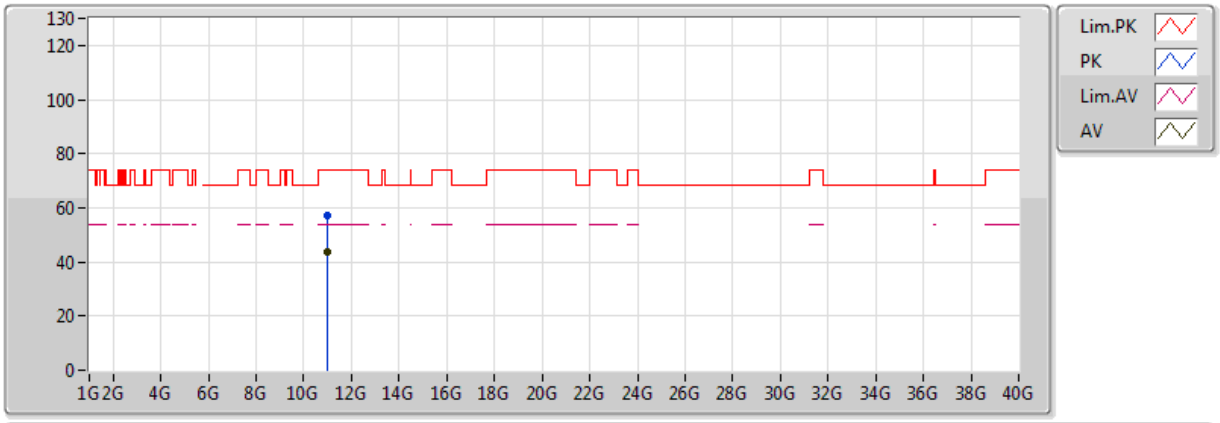


20171220
EUT Y_3TX
Setting 80
03-J-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	49.35	54.00	-4.65	8.30	3	Horizontal	81	2.38
AV	5.5004G	103.74	Inf	-Inf	8.35	3	Horizontal	81	2.38
PK	5.4584G	63.04	74.00	-10.96	8.30	3	Horizontal	81	2.38
PK	5.4696G	65.70	68.20	-2.50	8.31	3	Horizontal	81	2.38
PK	5.5008G	113.36	Inf	-Inf	8.35	3	Horizontal	81	2.38

802.11ac VHT20_Nss1,(MCS0)_3TX

5500MHz_TX

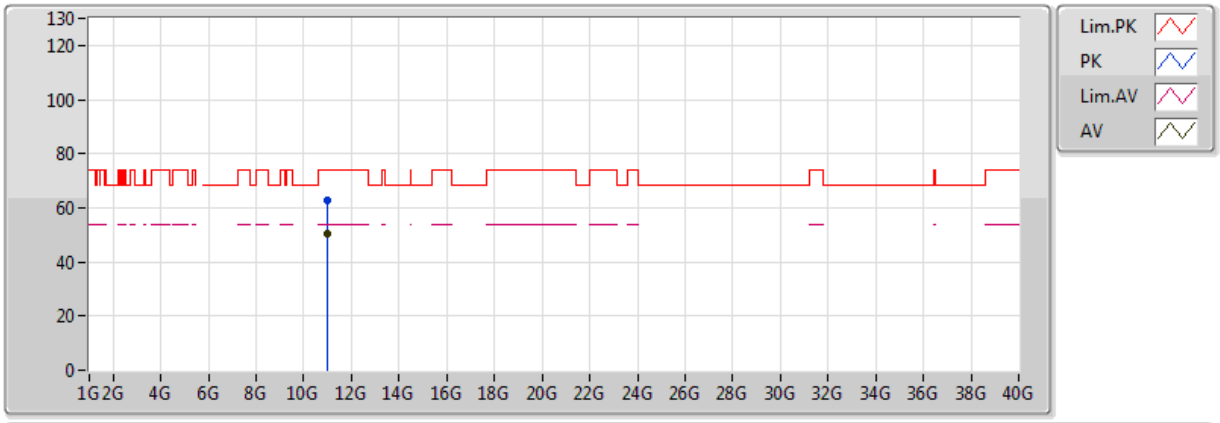


20171220
EUT Y_3TX
Setting 80
03-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0002G	43.64	54.00	-10.36	14.21	3	Vertical	246	1.47
PK	10.9944G	57.29	74.00	-16.71	14.22	3	Vertical	246	1.47

802.11ac VHT20_Nss1,(MCS0)_3TX

5500MHz_TX

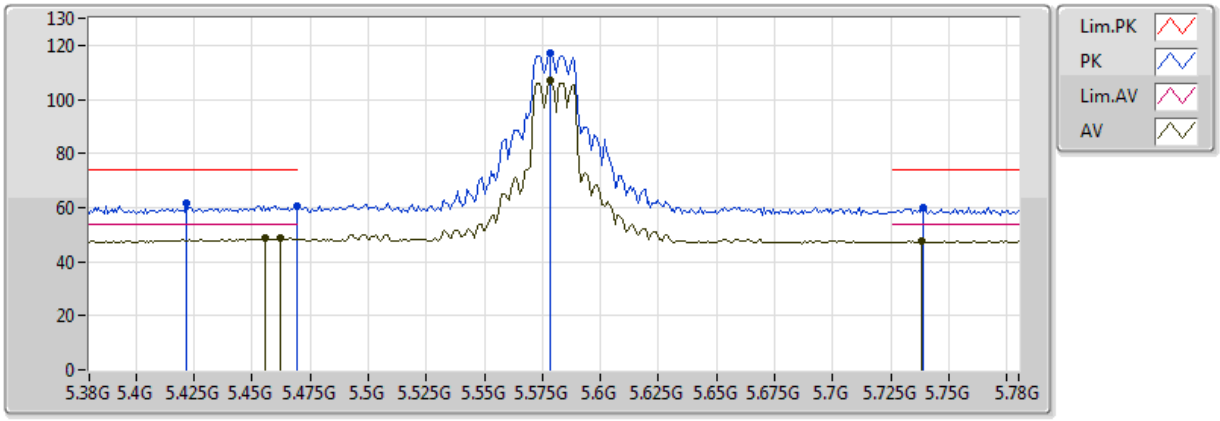


20171220
EUT Y_3TX
Setting 80
03-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0004G	50.20	54.00	-3.80	14.21	3	Horizontal	310	1.41
PK	11.0004G	62.98	74.00	-11.02	14.21	3	Horizontal	310	1.41

802.11ac VHT20_Nss1,(MCS0)_3TX

5580MHz_TX

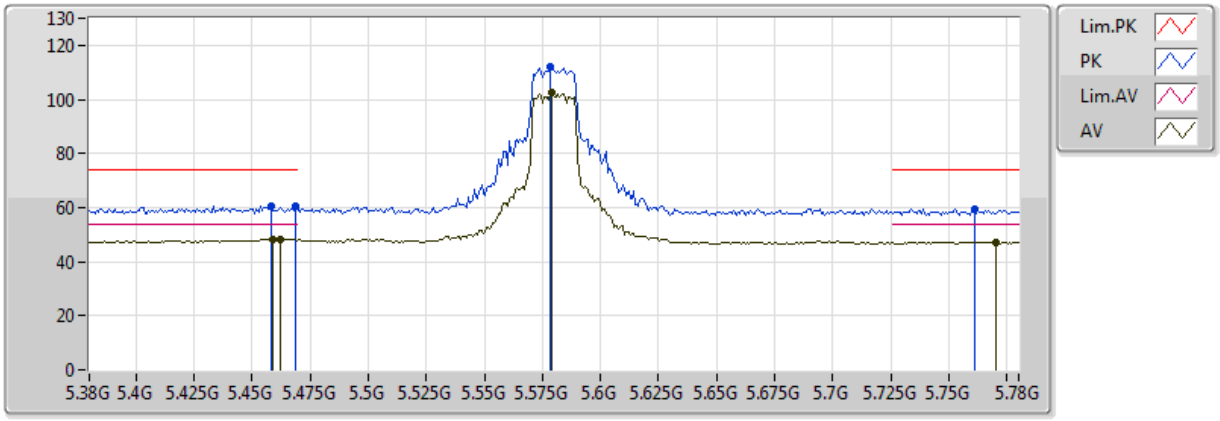


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.456G	48.53	54.00	-5.47	8.30	3	Vertical	252	1.47
AV	5.4624G	48.54	54.00	-5.46	8.30	3	Vertical	252	1.47
AV	5.5784G	106.82	Inf	-Inf	8.33	3	Vertical	252	1.47
AV	5.7384G	47.71	54.00	-6.29	8.66	3	Vertical	252	1.47
PK	5.4216G	61.58	74.00	-12.42	8.25	3	Vertical	252	1.47
PK	5.4696G	60.73	74.00	-13.27	8.31	3	Vertical	252	1.47
PK	5.5784G	117.32	Inf	-Inf	8.33	3	Vertical	252	1.47
PK	5.7392G	59.87	74.00	-14.13	8.67	3	Vertical	252	1.47

802.11ac VHT20_Nss1,(MCS0)_3TX

5580MHz_TX

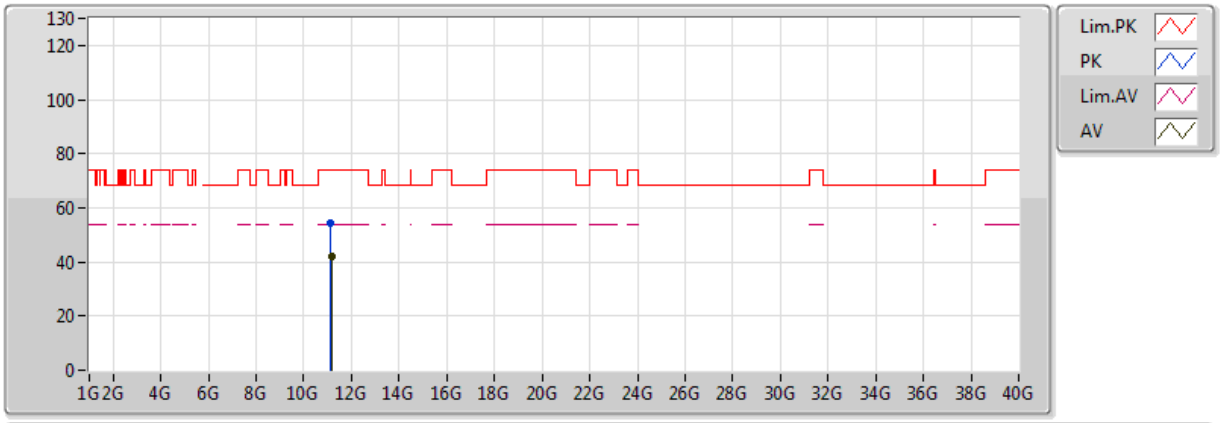


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4592G	48.28	54.00	-5.72	8.30	3	Horizontal	76	1.50
AV	5.4624G	48.27	54.00	-5.73	8.30	3	Horizontal	76	1.50
AV	5.5792G	102.82	Inf	-Inf	8.33	3	Horizontal	76	1.50
AV	5.7704G	47.22	54.00	-6.78	8.75	3	Horizontal	76	1.50
PK	5.4584G	60.45	74.00	-13.55	8.30	3	Horizontal	76	1.50
PK	5.4688G	60.37	74.00	-13.63	8.31	3	Horizontal	76	1.50
PK	5.5784G	112.17	Inf	-Inf	8.33	3	Horizontal	76	1.50
PK	5.7608G	59.46	74.00	-14.54	8.72	3	Horizontal	76	1.50

802.11ac VHT20_Nss1,(MCS0)_3TX

5580MHz_TX

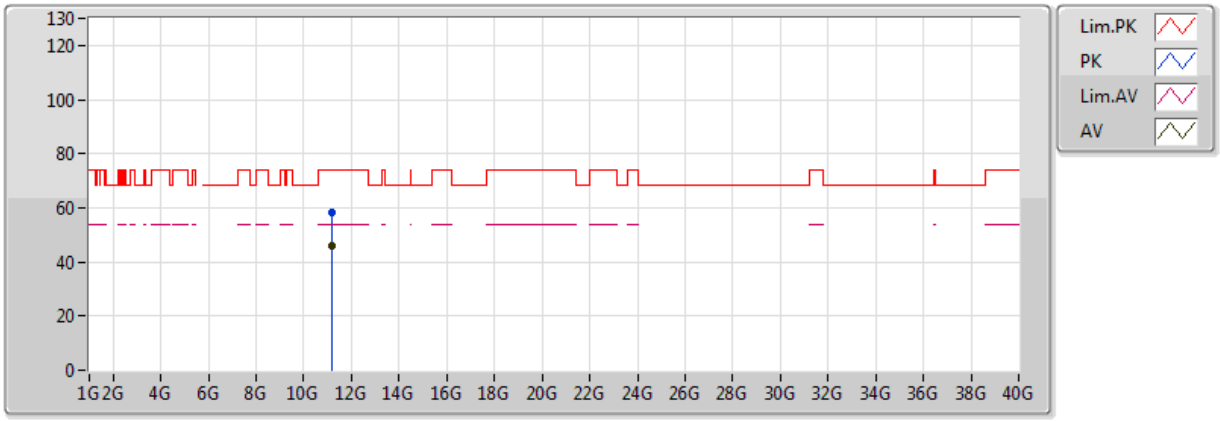


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.1556G	41.86	54.00	-12.14	14.36	3	Vertical	335	1.06
PK	11.14168G	54.38	74.00	-19.62	14.35	3	Vertical	335	1.06

802.11ac VHT20_Nss1,(MCS0)_3TX

5580MHz_TX

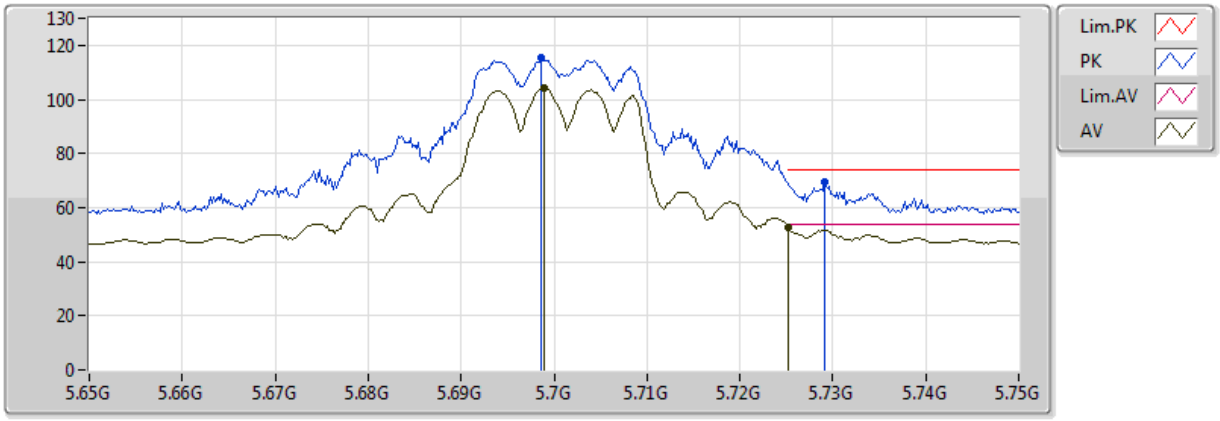


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.16032G	45.72	54.00	-8.28	14.37	3	Horizontal	313	1.38
PK	11.16496G	58.23	74.00	-15.77	14.37	3	Horizontal	313	1.38

802.11ac VHT20_Nss1,(MCS0)_3TX

5700MHz_TX

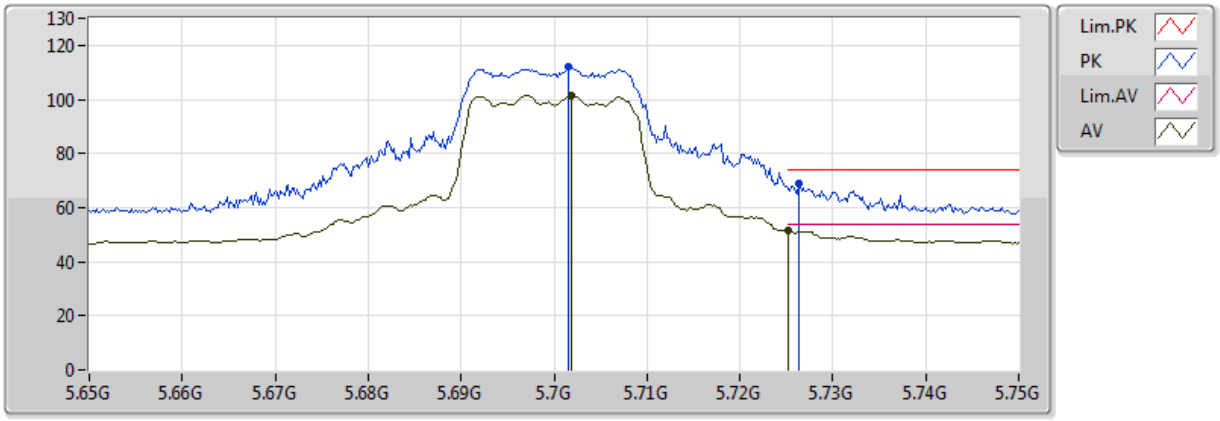


20171220
EUT Y_3TX
Setting 74
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.699G	104.05	Inf	-Inf	8.56	3	Vertical	88	1.48
AV	5.7252G	52.64	54.00	-1.36	8.63	3	Vertical	88	1.48
PK	5.6986G	115.32	Inf	-Inf	8.56	3	Vertical	88	1.48
PK	5.7292G	69.22	74.00	-4.78	8.64	3	Vertical	88	1.48

802.11ac VHT20_Nss1,(MCS0)_3TX

5700MHz_TX

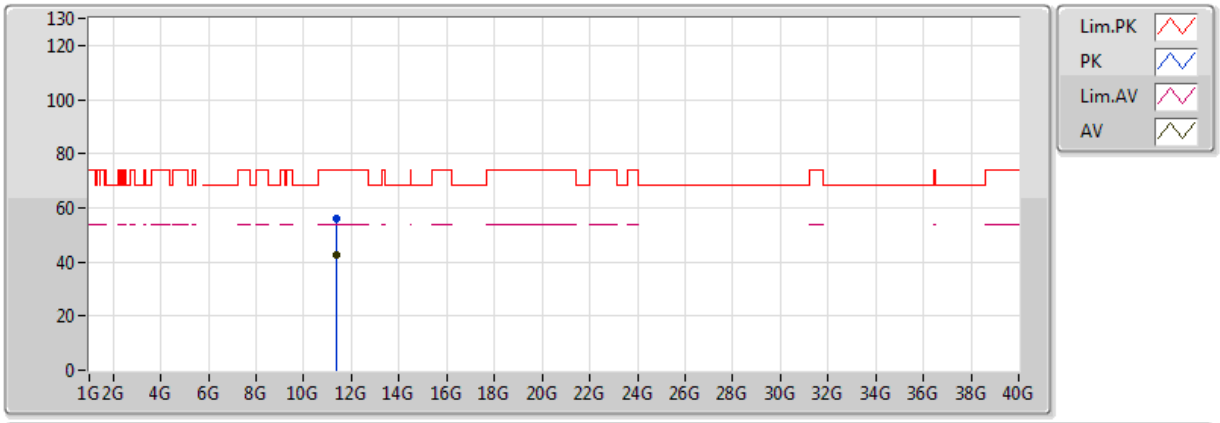


20171220
EUT Y_3TX
Setting 74
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.7018G	101.40	Inf	-Inf	8.57	3	Horizontal	71	1.30
AV	5.7252G	51.34	54.00	-2.66	8.63	3	Horizontal	71	1.30
PK	5.7016G	112.30	Inf	-Inf	8.57	3	Horizontal	71	1.30
PK	5.7264G	68.79	74.00	-5.21	8.63	3	Horizontal	71	1.30

802.11ac VHT20_Nss1,(MCS0)_3TX

5700MHz_TX

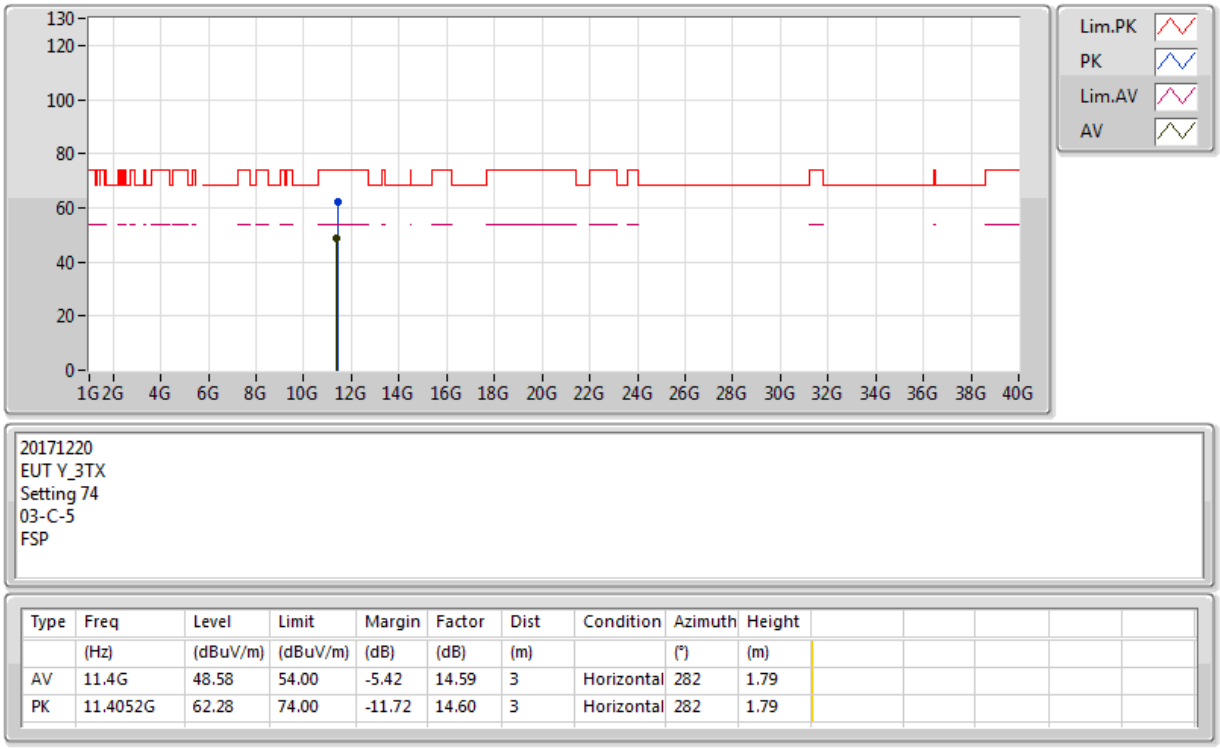


20171220
EUT Y_3TX
Setting 74
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.4G	42.54	54.00	-11.46	14.59	3	Vertical	250	2.47
PK	11.4004G	56.21	74.00	-17.79	14.59	3	Vertical	250	2.47

802.11ac VHT20_Nss1,(MCS0)_3TX

5700MHz_TX

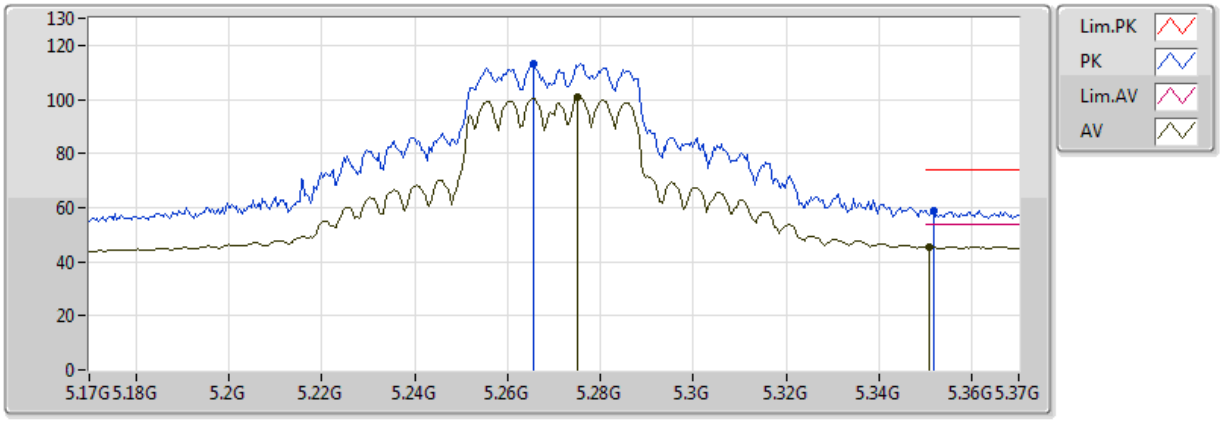


20171220
EUT Y_3TX
Setting 74
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.4G	48.58	54.00	-5.42	14.59	3	Horizontal	282	1.79
PK	11.4052G	62.28	74.00	-11.72	14.60	3	Horizontal	282	1.79

802.11ac VHT40_Nss1,(MCS0)_3TX

5270MHz_TX

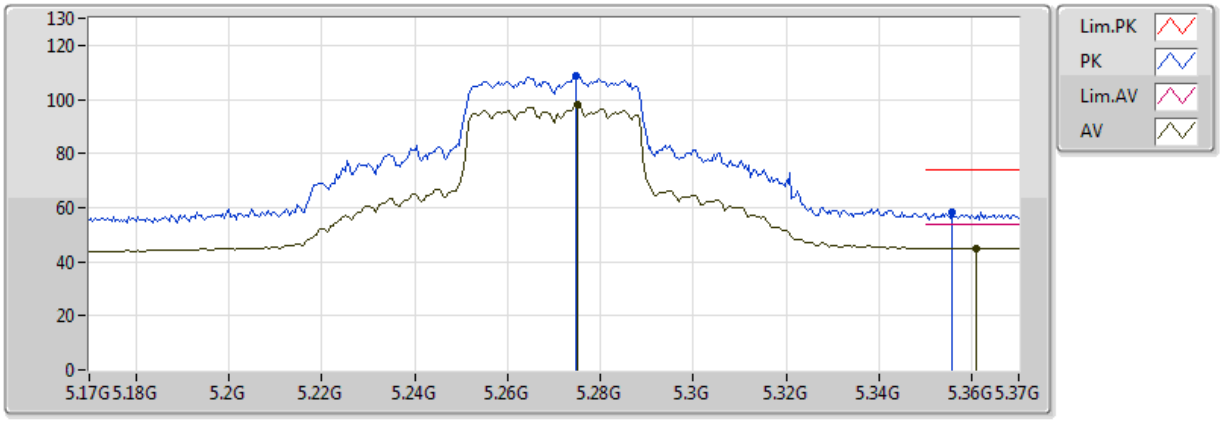


20171220
EUT Y_3TX
Setting 80
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2752G	100.69	Inf	-Inf	5.55	3	Vertical	242	2.22
AV	5.3508G	45.55	54.00	-8.45	5.82	3	Vertical	242	2.22
PK	5.2656G	113.04	Inf	-Inf	5.52	3	Vertical	242	2.22
PK	5.3516G	58.84	74.00	-15.16	5.83	3	Vertical	242	2.22

802.11ac VHT40_Nss1,(MCS0)_3TX

5270MHz_TX

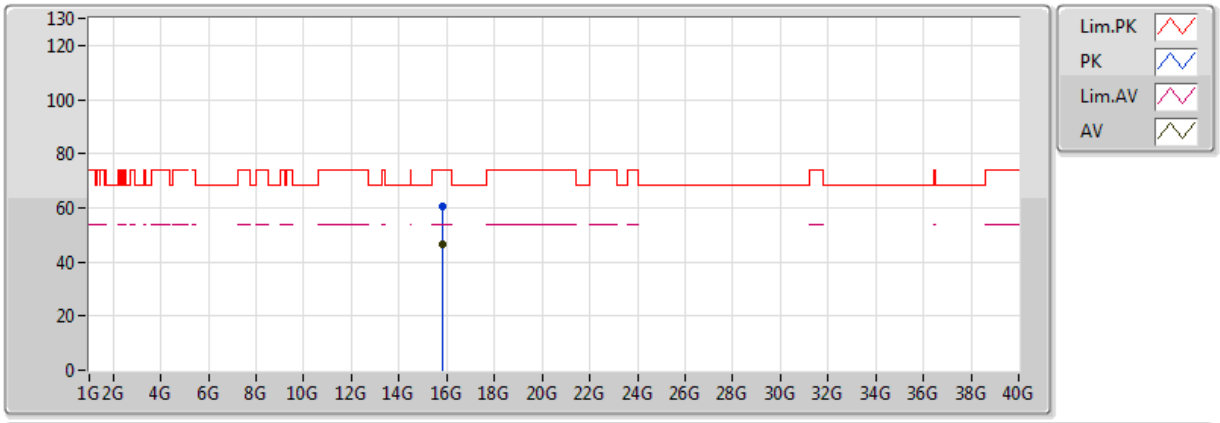


20171220
EUT Y_3TX
Setting 80
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2752G	97.94	Inf	-Inf	5.55	3	Horizontal	83	1.36
AV	5.3608G	45.08	54.00	-8.92	5.86	3	Horizontal	83	1.36
PK	5.2748G	108.63	Inf	-Inf	5.55	3	Horizontal	83	1.36
PK	5.3556G	58.05	74.00	-15.95	5.84	3	Horizontal	83	1.36

802.11ac VHT40_Nss1,(MCS0)_3TX

5270MHz_TX

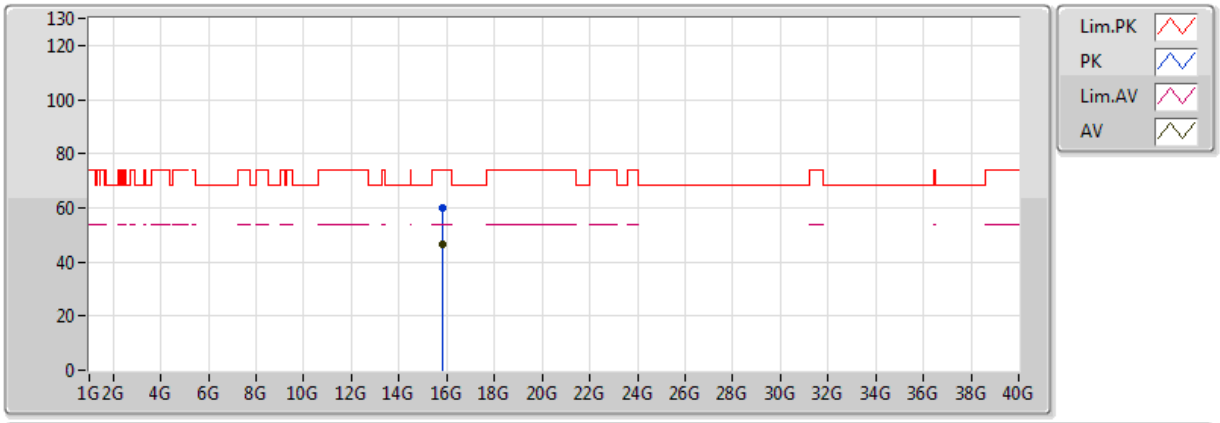


20171220
EUT Y_3TX
Setting 80
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.7956G	46.39	54.00	-7.61	15.35	3	Vertical	80	1.49
PK	15.807G	60.43	74.00	-13.57	15.31	3	Vertical	80	1.49

802.11ac VHT40_Nss1,(MCS0)_3TX

5270MHz_TX

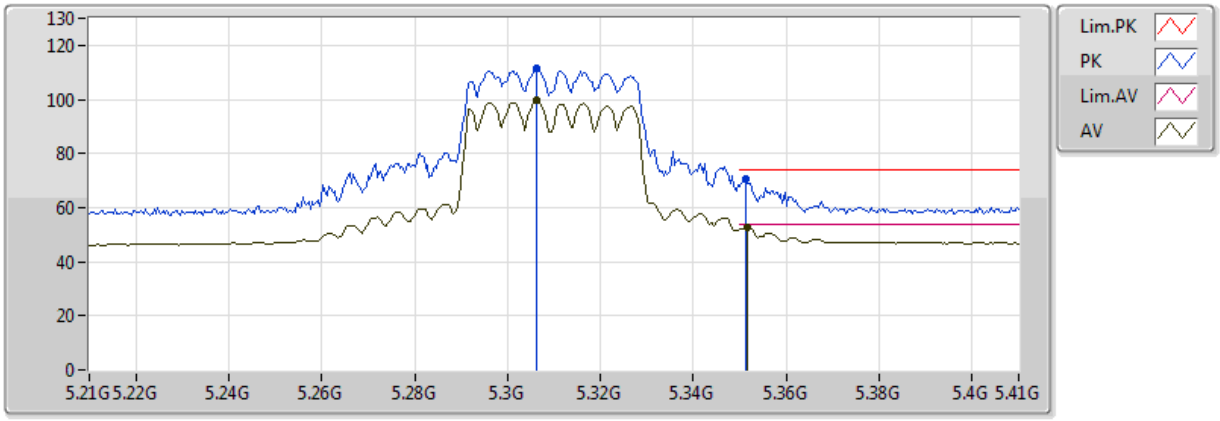


20171220
EUT Y_3TX
Setting 80
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.7956G	46.71	54.00	-7.29	15.35	3	Horizontal	333	1.58
PK	15.8252G	59.73	74.00	-14.27	15.24	3	Horizontal	333	1.58

802.11ac VHT40_Nss1,(MCS0)_3TX

5310MHz_TX

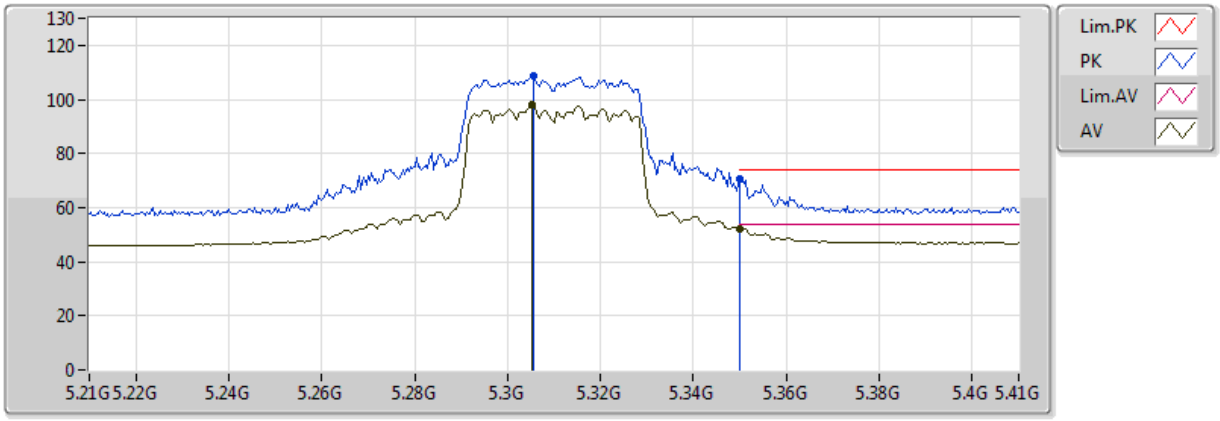


20171220
EUT Y_3TX
Setting 70
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3064G	99.49	Inf	-Inf	8.08	3	Vertical	99	1.50
AV	5.3516G	52.87	54.00	-1.13	8.15	3	Vertical	99	1.50
PK	5.3064G	111.28	Inf	-Inf	8.08	3	Vertical	99	1.50
PK	5.3512G	70.44	74.00	-3.56	8.15	3	Vertical	99	1.50

802.11ac VHT40_Nss1,(MCS0)_3TX

5310MHz_TX

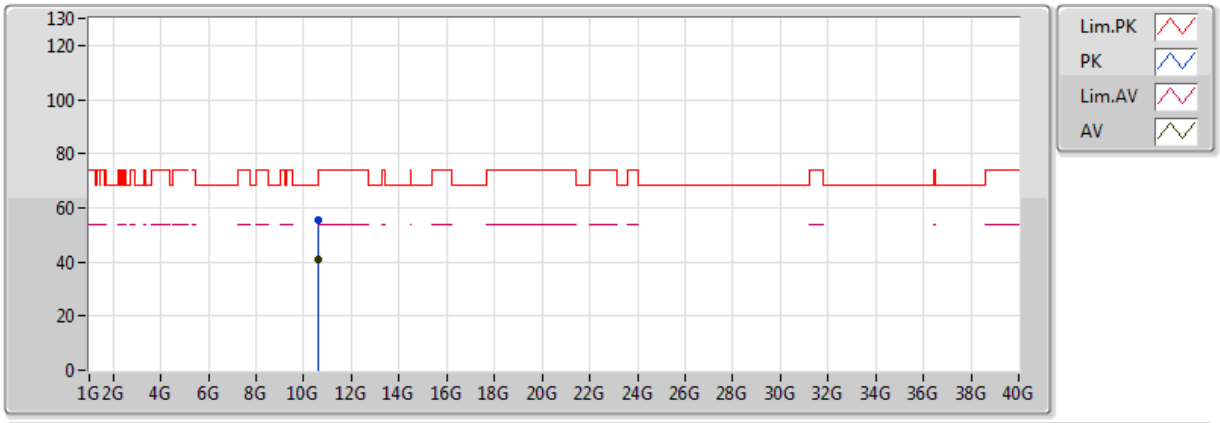


20171220
EUT Y_3TX
Setting 70
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3052G	97.95	Inf	-Inf	8.08	3	Horizontal	82	2.50
AV	5.350005G	52.39	54.00	-1.61	8.15	3	Horizontal	82	2.50
PK	5.3056G	108.67	Inf	-Inf	8.08	3	Horizontal	82	2.50
PK	5.350005G	70.67	74.00	-3.33	8.15	3	Horizontal	82	2.50

802.11ac VHT40_Nss1,(MCS0)_3TX

5310MHz_TX

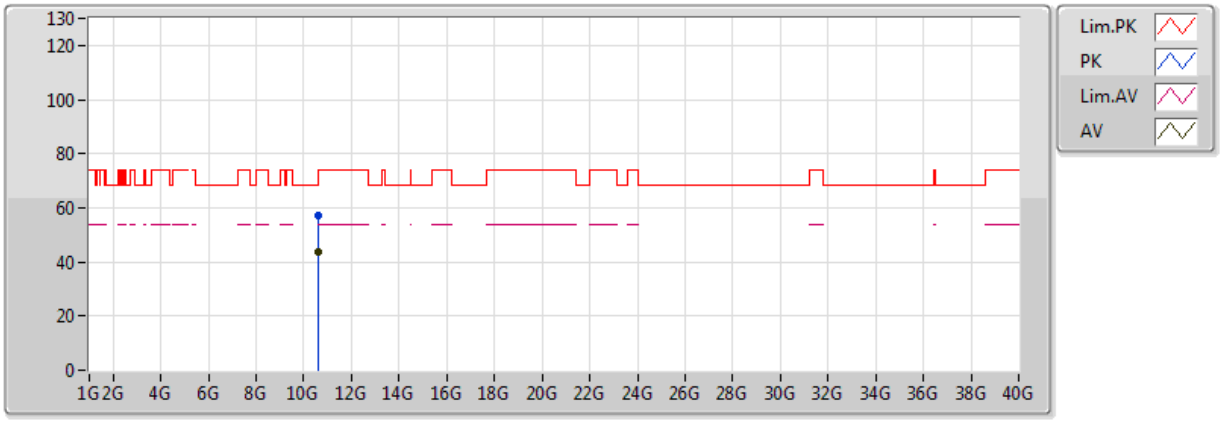


20171220
EUT Y_3TX
Setting 70
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.6166G	41.02	54.00	-12.98	14.40	3	Vertical	115	1.68
PK	10.617G	55.54	74.00	-18.46	14.40	3	Vertical	115	1.68

802.11ac VHT40_Nss1,(MCS0)_3TX

5310MHz_TX

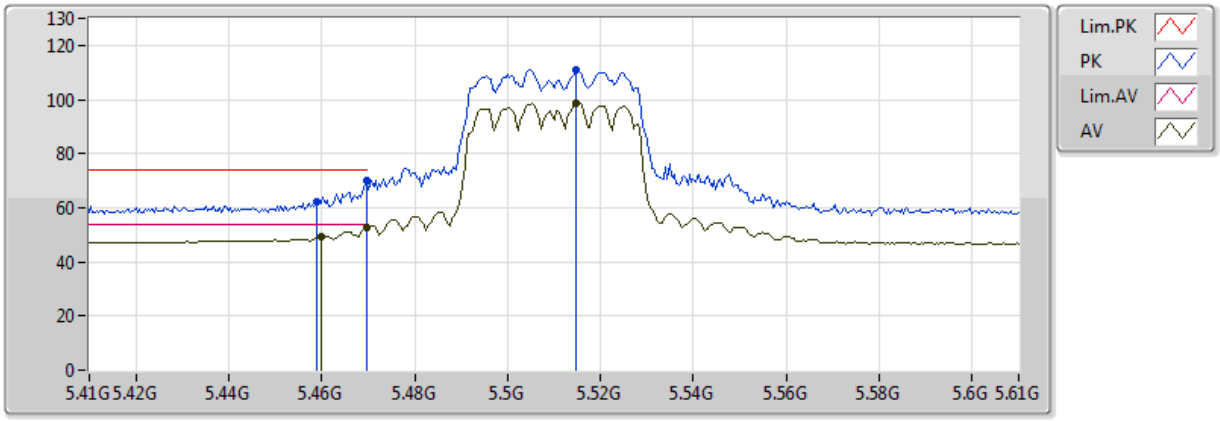


20171220
EUT Y_3TX
Setting 70
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.62G	43.85	54.00	-10.15	14.40	3	Horizontal	319	1.29
PK	10.6197G	57.40	74.00	-16.60	14.40	3	Horizontal	319	1.29

802.11ac VHT40_Nss1,(MCS0)_3TX

5510MHz_TX

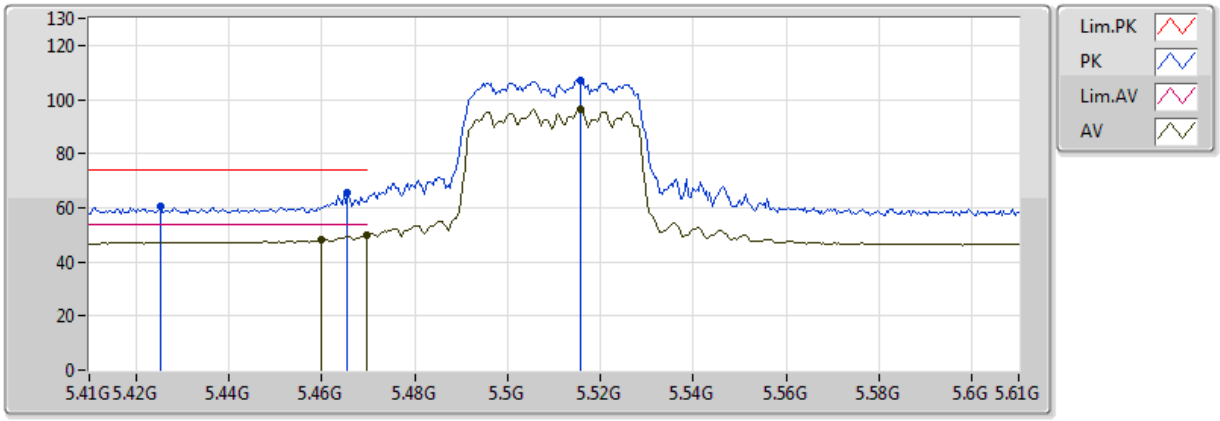


20171220
EUT Y_3TX
Setting 63
03-J-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	49.19	54.00	-4.81	8.30	3	Vertical	243	1.50
AV	5.4696G	52.43	54.00	-1.57	8.31	3	Vertical	243	1.50
AV	5.5148G	98.65	Inf	-Inf	8.35	3	Vertical	243	1.50
PK	5.4588G	62.05	74.00	-11.95	8.30	3	Vertical	243	1.50
PK	5.4696G	70.17	74.00	-3.83	8.31	3	Vertical	243	1.50
PK	5.5148G	111.05	Inf	-Inf	8.35	3	Vertical	243	1.50

802.11ac VHT40_Nss1,(MCS0)_3TX

5510MHz_TX

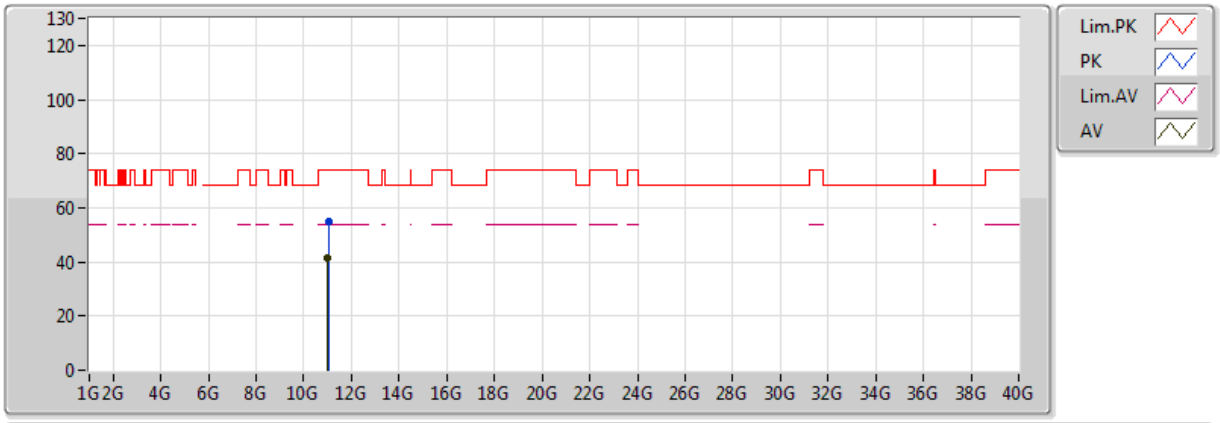


20171220
EUT Y_3TX
Setting 63
03-J-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	48.03	54.00	-5.97	8.30	3	Horizontal	86	2.42
AV	5.4696G	49.88	54.00	-4.12	8.31	3	Horizontal	86	2.42
AV	5.5156G	96.23	Inf	-Inf	8.35	3	Horizontal	86	2.42
PK	5.4252G	60.72	74.00	-13.28	8.26	3	Horizontal	86	2.42
PK	5.4656G	65.63	74.00	-8.37	8.31	3	Horizontal	86	2.42
PK	5.5156G	107.17	Inf	-Inf	8.35	3	Horizontal	86	2.42

802.11ac VHT40_Nss1,(MCS0)_3TX

5510MHz_TX

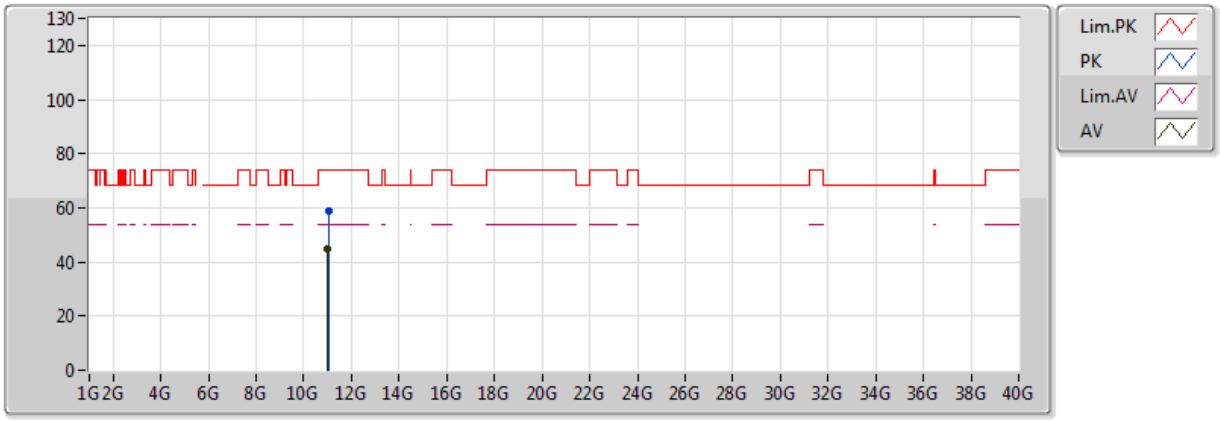


20171220
EUT Y_3TX
Setting 63
03-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0201G	41.59	54.00	-12.41	14.23	3	Vertical	246	1.49
PK	11.0248G	54.90	74.00	-19.10	14.24	3	Vertical	246	1.49

802.11ac VHT40_Nss1,(MCS0)_3TX

5510MHz_TX

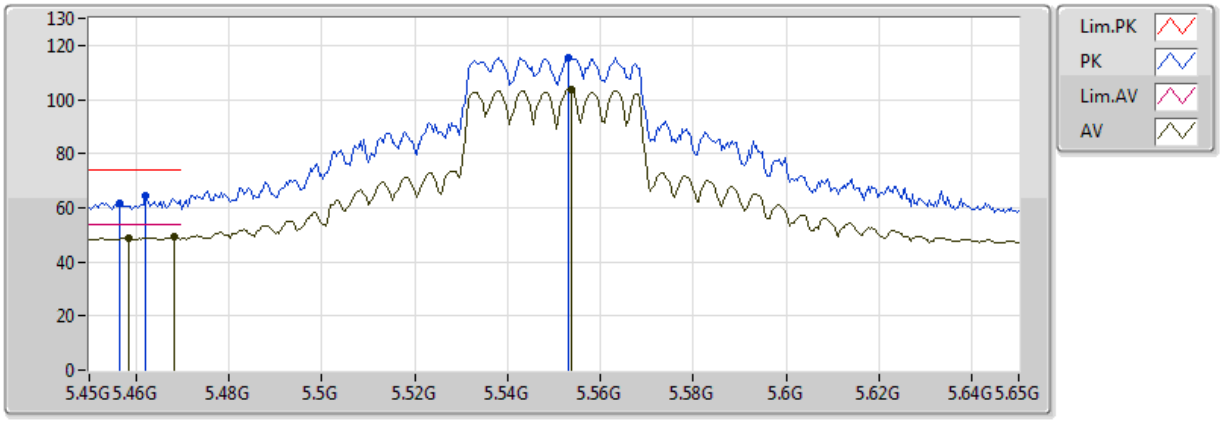


20171220
EUT Y_3TX
Setting 63
03-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0202G	45.00	54.00	-9.00	14.23	3	Horizontal	313	1.41
PK	11.0205G	59.08	74.00	-14.92	14.23	3	Horizontal	313	1.41

802.11ac VHT40_Nss1,(MCS0)_3TX

5550MHz_TX

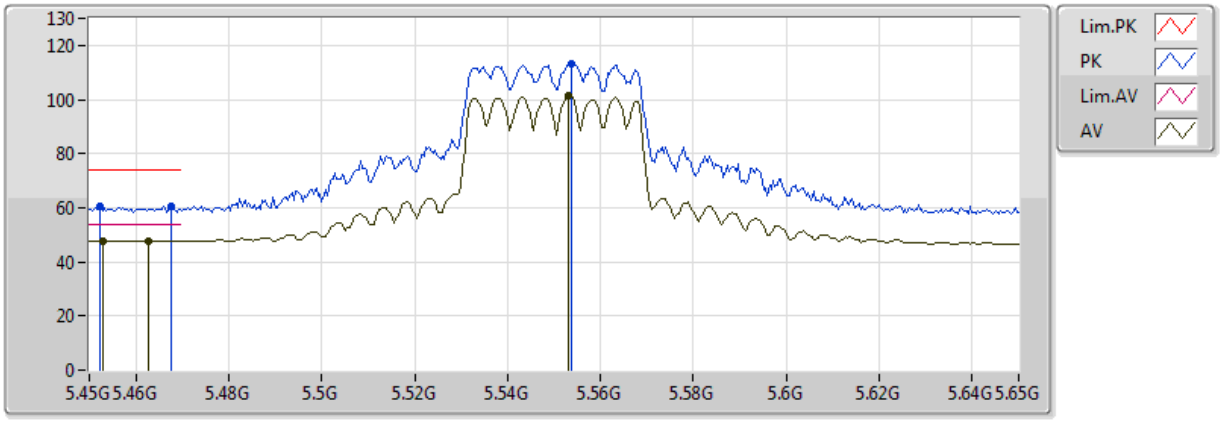


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4584G	48.68	54.00	-5.32	8.30	3	Vertical	251	1.43
AV	5.4684G	49.25	54.00	-4.75	8.31	3	Vertical	251	1.43
AV	5.5536G	103.81	Inf	-Inf	8.34	3	Vertical	251	1.43
PK	5.4564G	61.83	74.00	-12.17	8.30	3	Vertical	251	1.43
PK	5.462G	64.16	74.00	-9.84	8.30	3	Vertical	251	1.43
PK	5.5532G	115.61	Inf	-Inf	8.34	3	Vertical	251	1.43

802.11ac VHT40_Nss1,(MCS0)_3TX

5550MHz_TX

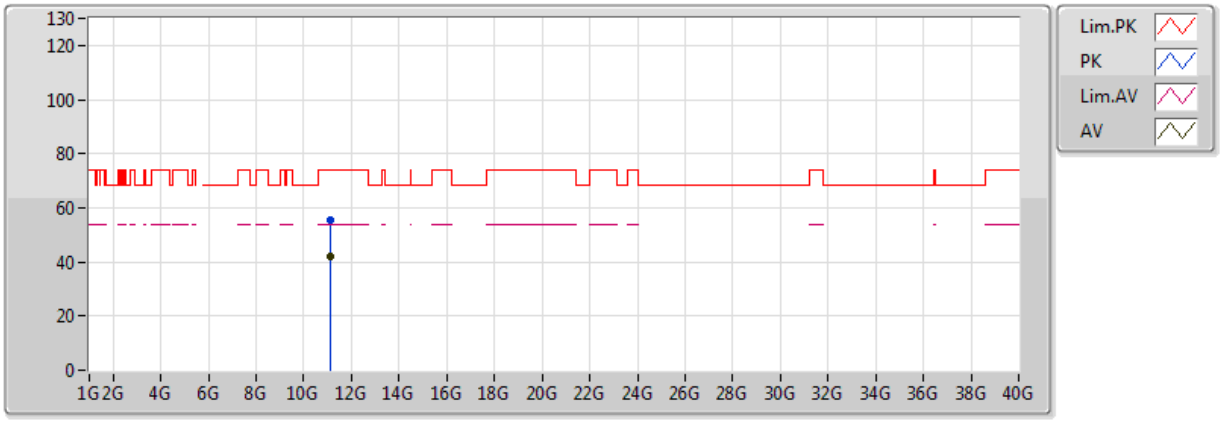


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4528G	47.88	54.00	-6.12	8.29	3	Horizontal	251	1.43
AV	5.4628G	47.87	54.00	-6.13	8.30	3	Horizontal	251	1.43
AV	5.5532G	101.34	Inf	-Inf	8.34	3	Horizontal	251	1.43
PK	5.4524G	60.65	74.00	-13.35	8.29	3	Horizontal	251	1.43
PK	5.4676G	60.35	74.00	-13.65	8.31	3	Horizontal	251	1.43
PK	5.5536G	113.03	Inf	-Inf	8.34	3	Horizontal	251	1.43

802.11ac VHT40_Nss1,(MCS0)_3TX

5550MHz_TX

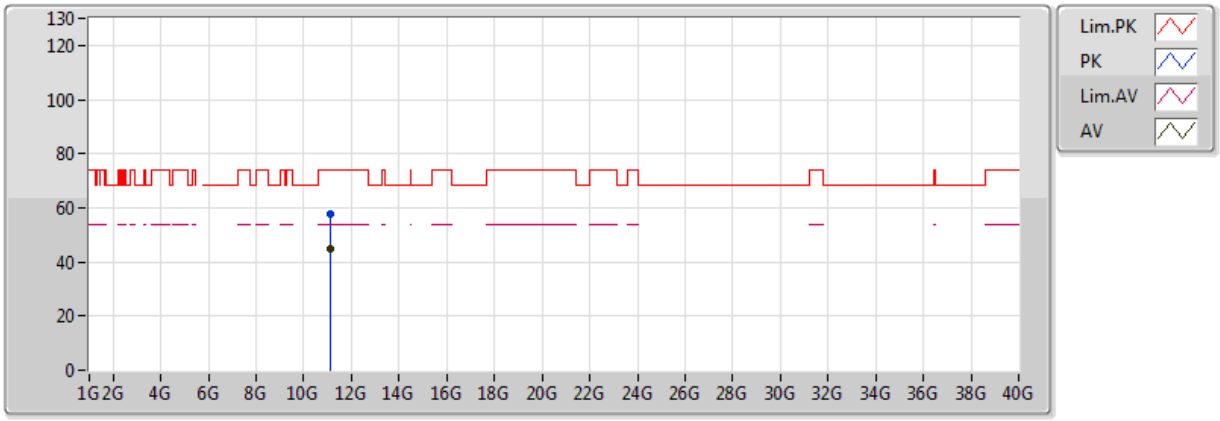


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.09976G	41.82	54.00	-12.18	14.31	3	Vertical	63	1.33
PK	11.09056G	55.28	74.00	-18.72	14.30	3	Vertical	63	1.33

802.11ac VHT40_Nss1,(MCS0)_3TX

5550MHz_TX

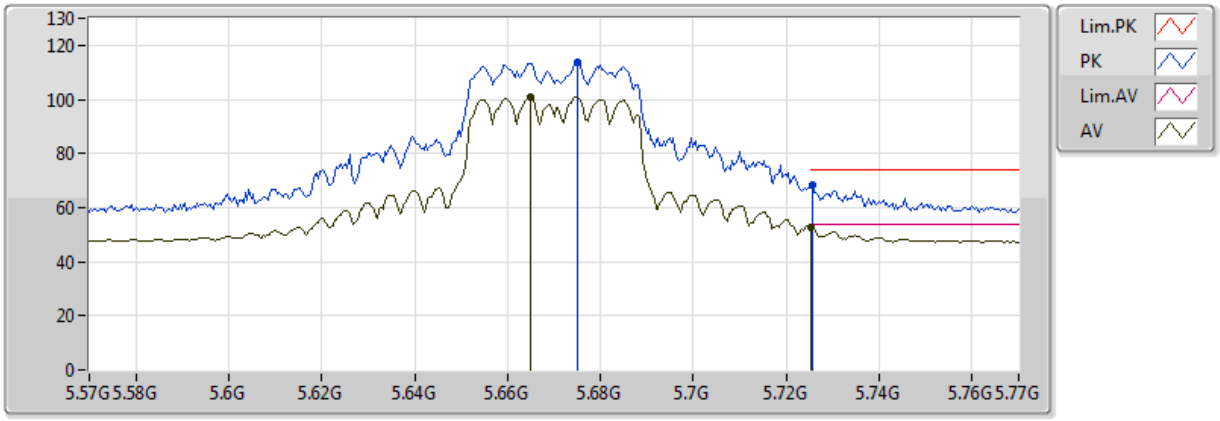


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.10048G	44.66	54.00	-9.34	14.31	3	Horizontal	308	1.49
PK	11.10008G	57.65	74.00	-16.35	14.31	3	Horizontal	308	1.49

802.11ac VHT40_Nss1,(MCS0)_3TX

5670MHz_TX

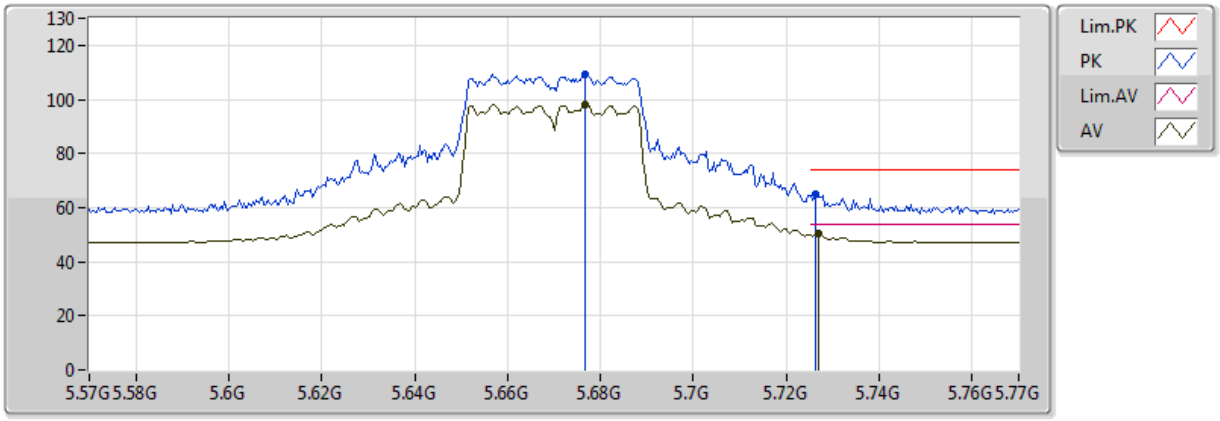


20171220
EUT Y_3TX
Setting 73
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6648G	100.85	Inf	-Inf	8.48	3	Vertical	244	1.45
AV	5.7252G	52.81	54.00	-1.19	8.63	3	Vertical	244	1.45
PK	5.6752G	113.70	Inf	-Inf	8.51	3	Vertical	244	1.45
PK	5.7256G	68.11	74.00	-5.89	8.63	3	Vertical	244	1.45

802.11ac VHT40_Nss1,(MCS0)_3TX

5670MHz_TX

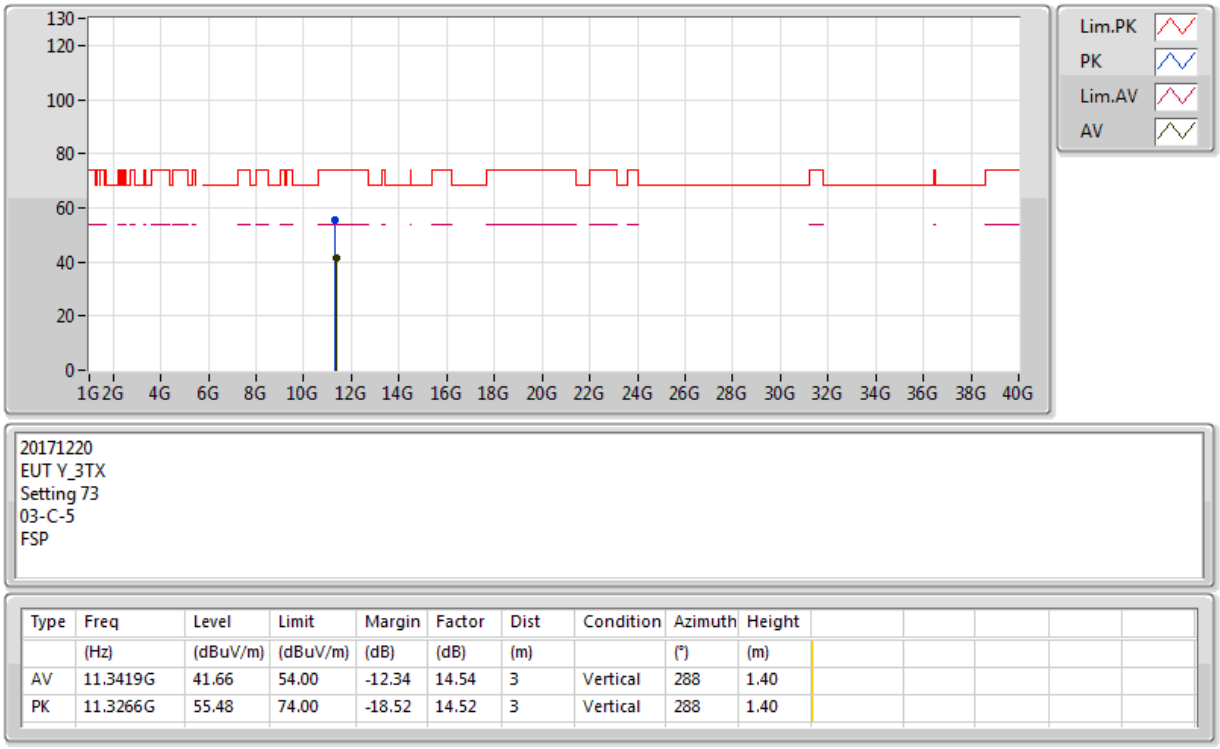


20171220
EUT Y_3TX
Setting 73
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6768G	97.99	Inf	-Inf	8.51	3	Horizontal	71	1.37
AV	5.7268G	50.36	54.00	-3.64	8.63	3	Horizontal	71	1.37
PK	5.6768G	109.10	Inf	-Inf	8.51	3	Horizontal	71	1.37
PK	5.7264G	65.20	74.00	-8.80	8.63	3	Horizontal	71	1.37

802.11ac VHT40_Nss1,(MCS0)_3TX

5670MHz_TX

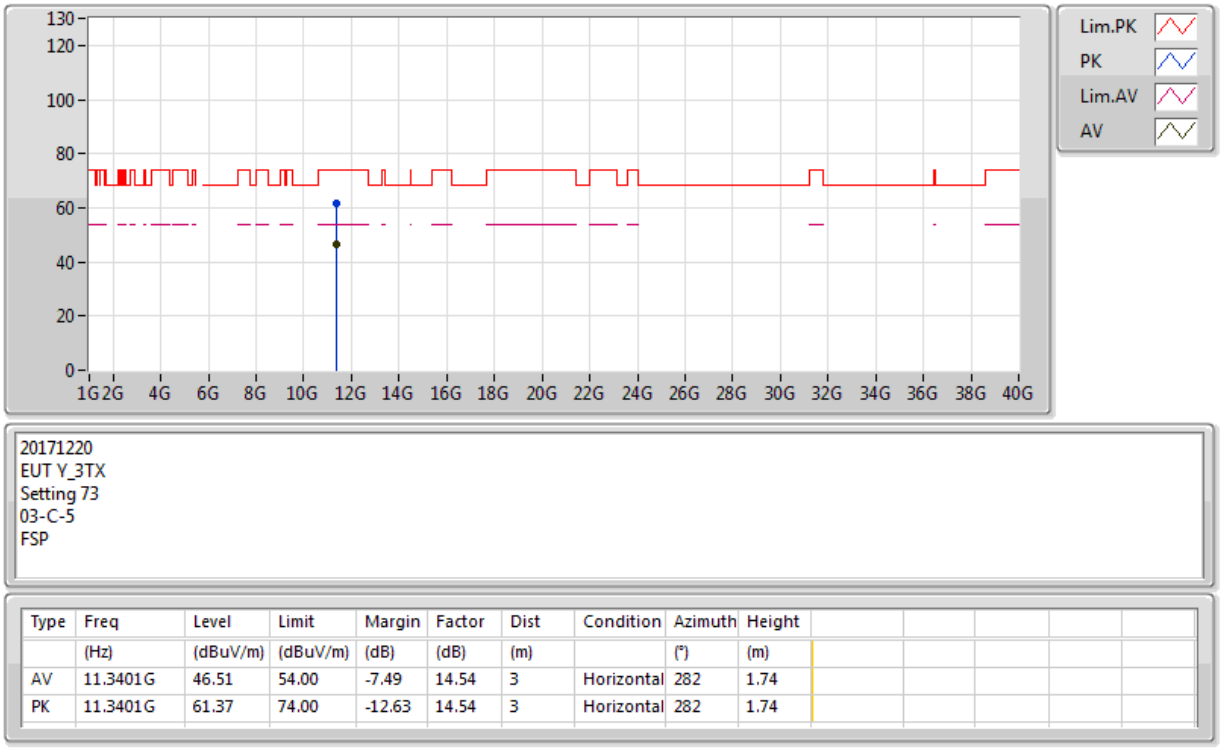


20171220
EUT Y_3TX
Setting 73
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.3419G	41.66	54.00	-12.34	14.54	3	Vertical	288	1.40
PK	11.3266G	55.48	74.00	-18.52	14.52	3	Vertical	288	1.40

802.11ac VHT40_Nss1,(MCS0)_3TX

5670MHz_TX

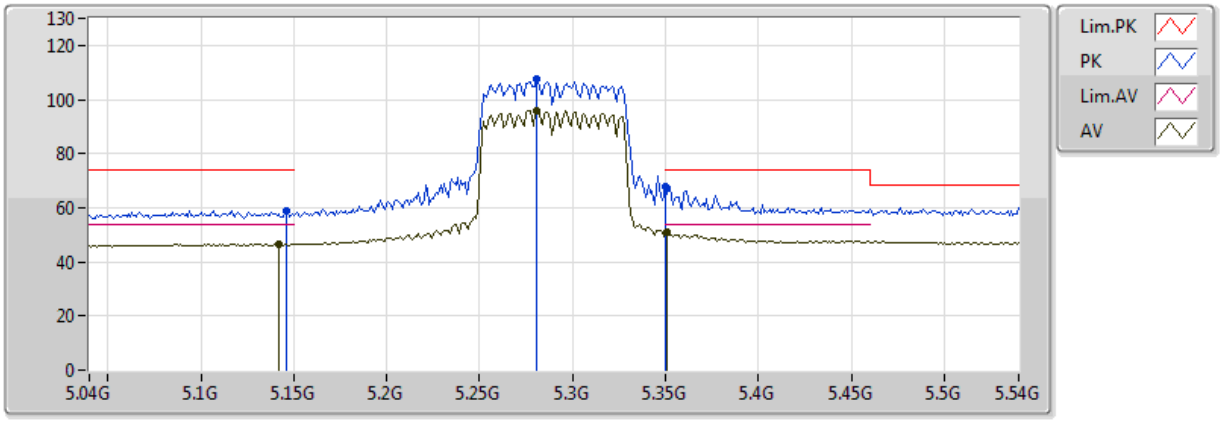


20171220
EUT Y_3TX
Setting 73
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.3401G	46.51	54.00	-7.49	14.54	3	Horizontal	282	1.74
PK	11.3401G	61.37	74.00	-12.63	14.54	3	Horizontal	282	1.74

802.11ac VHT80_Nss1,(MCS0)_3TX

5290MHz_TX

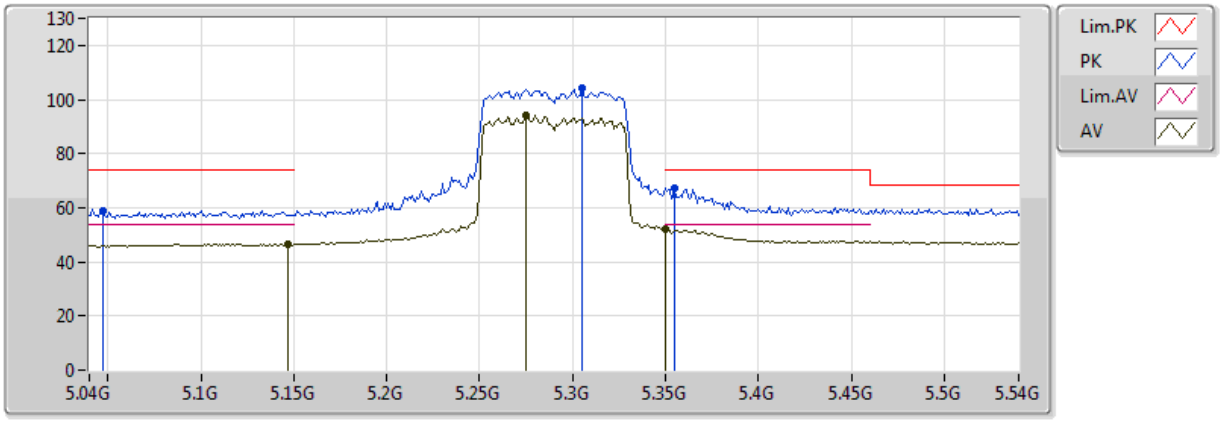


20171220
EUT Y_3TX
Setting 64
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.142G	46.58	54.00	-7.42	7.67	3	Vertical	236	1.50
AV	5.281G	95.98	Inf	-Inf	8.04	3	Vertical	236	1.50
AV	5.351G	50.88	54.00	-3.12	8.15	3	Vertical	236	1.50
PK	5.146G	58.96	74.00	-15.04	7.69	3	Vertical	236	1.50
PK	5.281G	107.39	Inf	-Inf	8.04	3	Vertical	236	1.50
PK	5.350005G	67.95	74.00	-6.05	8.15	3	Vertical	236	1.50

802.11ac VHT80_Nss1,(MCS0)_3TX

5290MHz_TX

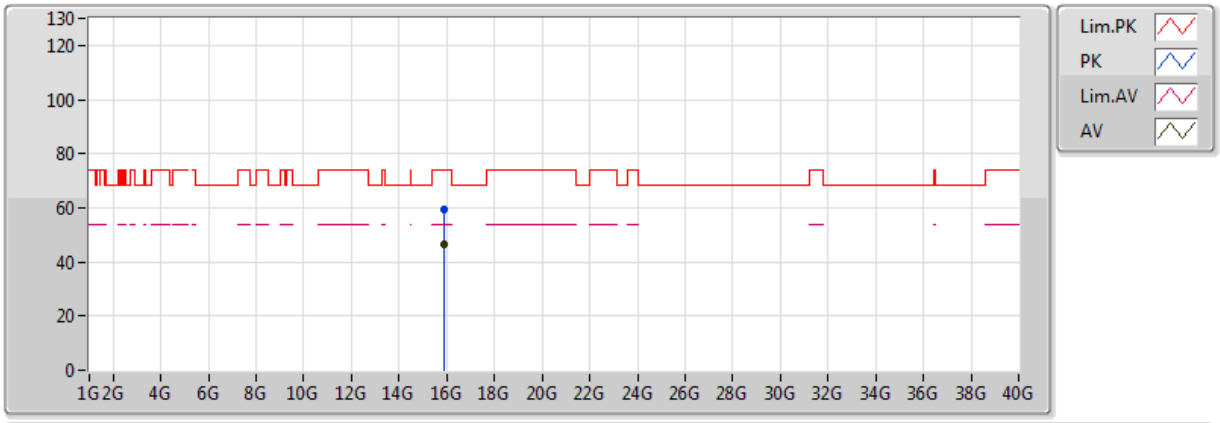


20171220
EUT Y_3TX
Setting 64
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.147G	46.53	54.00	-7.47	7.69	3	Horizontal	80	1.35
AV	5.275G	94.35	Inf	-Inf	8.03	3	Horizontal	80	1.35
AV	5.350005G	52.34	54.00	-1.66	8.15	3	Horizontal	80	1.35
PK	5.047G	58.60	74.00	-15.40	7.27	3	Horizontal	80	1.35
PK	5.305G	103.96	Inf	-Inf	8.08	3	Horizontal	80	1.35
PK	5.355G	67.41	74.00	-6.59	8.16	3	Horizontal	80	1.35

802.11ac VHT80_Nss1,(MCS0)_3TX

5290MHz_TX

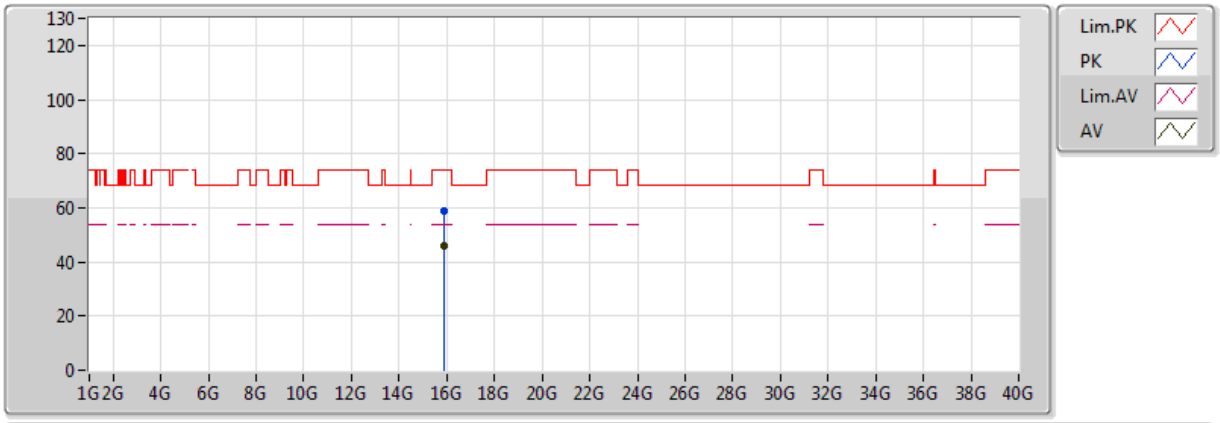


20171220
EUT Y_3TX
Setting 64
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.8776G	46.26	54.00	-7.74	15.14	3	Vertical	67	2.91
PK	15.8737G	59.39	74.00	-14.61	15.15	3	Vertical	67	2.91

802.11ac VHT80_Nss1,(MCS0)_3TX

5290MHz_TX

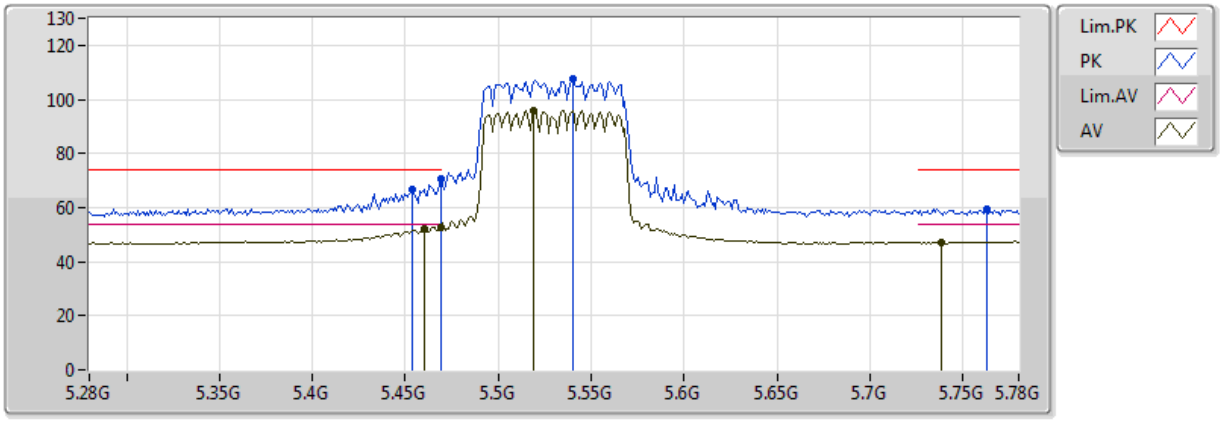


20171220
EUT Y_3TX
Setting 64
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.8828G	46.17	54.00	-7.83	15.12	3	Horizontal	256	2.53
PK	15.8781G	58.90	74.00	-15.10	15.14	3	Horizontal	256	2.53

802.11ac VHT80_Nss1,(MCS0)_3TX

5530MHz_TX

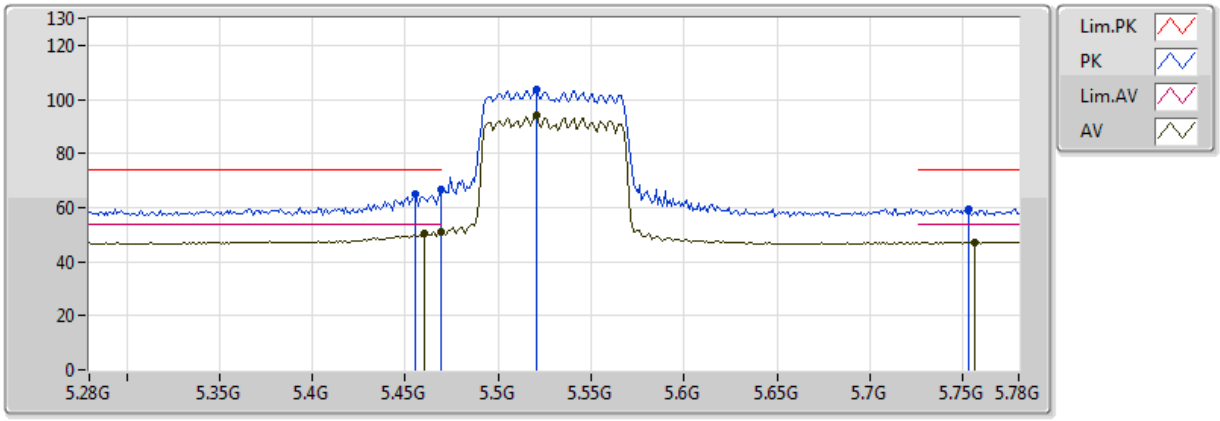


20171220
EUT Y_3TX
Setting 62
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	51.92	54.00	-2.08	8.30	3	Vertical	246	1.72
AV	5.469G	52.84	54.00	-1.16	8.31	3	Vertical	246	1.72
AV	5.519G	95.77	Inf	-Inf	8.35	3	Vertical	246	1.72
AV	5.738G	47.21	54.00	-6.79	8.66	3	Vertical	246	1.72
PK	5.454G	66.63	74.00	-7.37	8.29	3	Vertical	246	1.72
PK	5.469G	70.42	74.00	-3.58	8.31	3	Vertical	246	1.72
PK	5.54G	107.34	Inf	-Inf	8.34	3	Vertical	246	1.72
PK	5.763G	59.28	74.00	-14.72	8.73	3	Vertical	246	1.72

802.11ac VHT80_Nss1,(MCS0)_3TX

5530MHz_TX

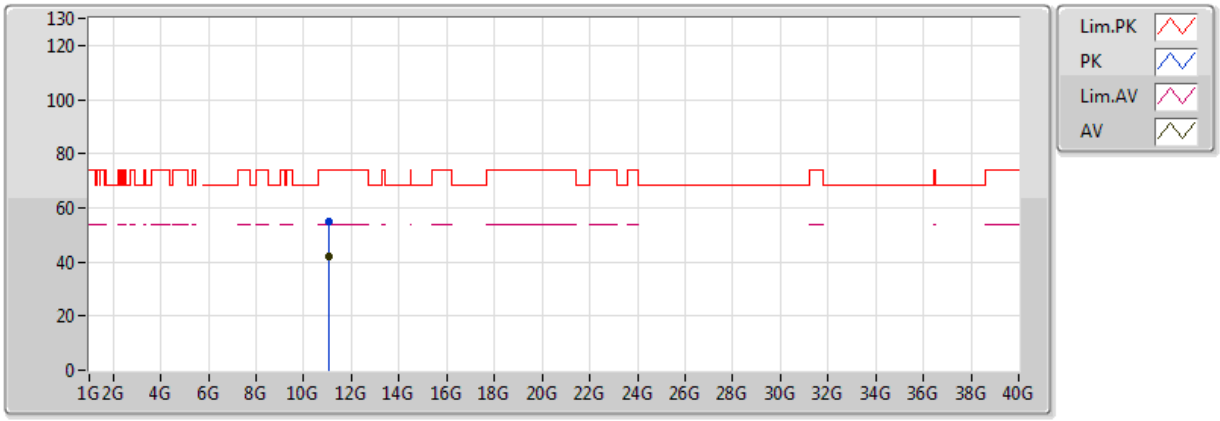


20171220
EUT Y_3TX
Setting 62
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	50.33	54.00	-3.67	8.30	3	Horizontal	84	1.43
AV	5.469G	50.75	54.00	-3.25	8.31	3	Horizontal	84	1.43
AV	5.521G	93.87	Inf	-Inf	8.35	3	Horizontal	84	1.43
AV	5.756G	47.28	54.00	-6.72	8.71	3	Horizontal	84	1.43
PK	5.455G	64.83	74.00	-9.17	8.29	3	Horizontal	84	1.43
PK	5.469G	66.64	74.00	-7.36	8.31	3	Horizontal	84	1.43
PK	5.521G	103.64	Inf	-Inf	8.35	3	Horizontal	84	1.43
PK	5.753G	59.52	74.00	-14.48	8.70	3	Horizontal	84	1.43

802.11ac VHT80_Nss1,(MCS0)_3TX

5530MHz_TX

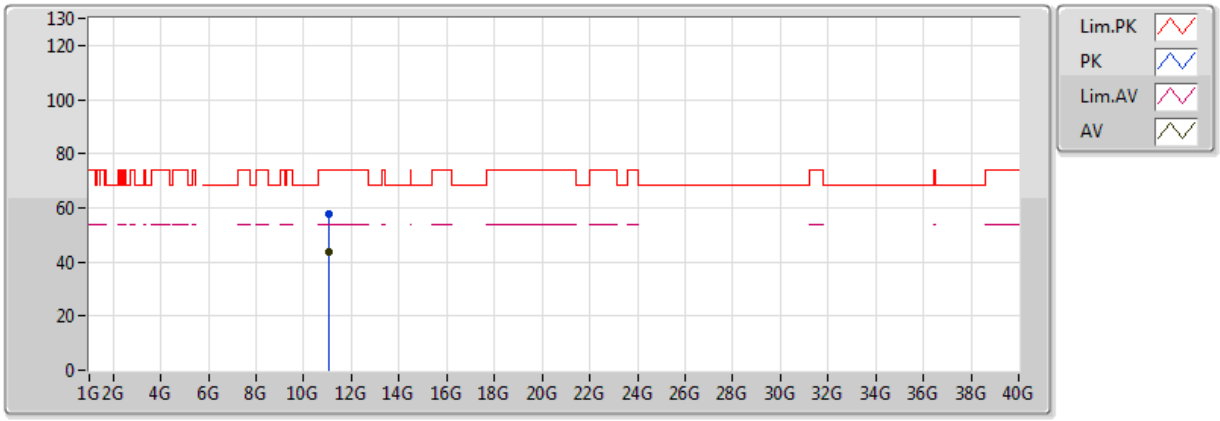


20171220
EUT Y_3TX
Setting 62
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0833G	42.14	54.00	-11.86	14.29	3	Vertical	127	1.93
PK	11.082G	54.97	74.00	-19.03	14.29	3	Vertical	127	1.93

802.11ac VHT80_Nss1,(MCS0)_3TX

5530MHz_TX

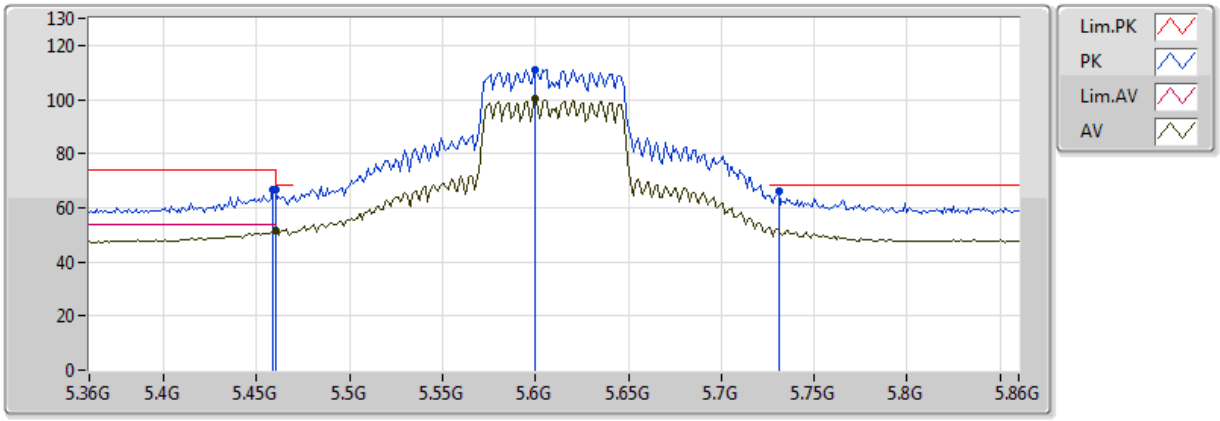


20171220
EUT Y_3TX
Setting 62
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0601G	43.98	54.00	-10.02	14.27	3	Horizontal	313	1.48
PK	11.0607G	57.70	74.00	-16.30	14.27	3	Horizontal	313	1.48

802.11ac VHT80_Nss1,(MCS0)_3TX

5610MHz_TX

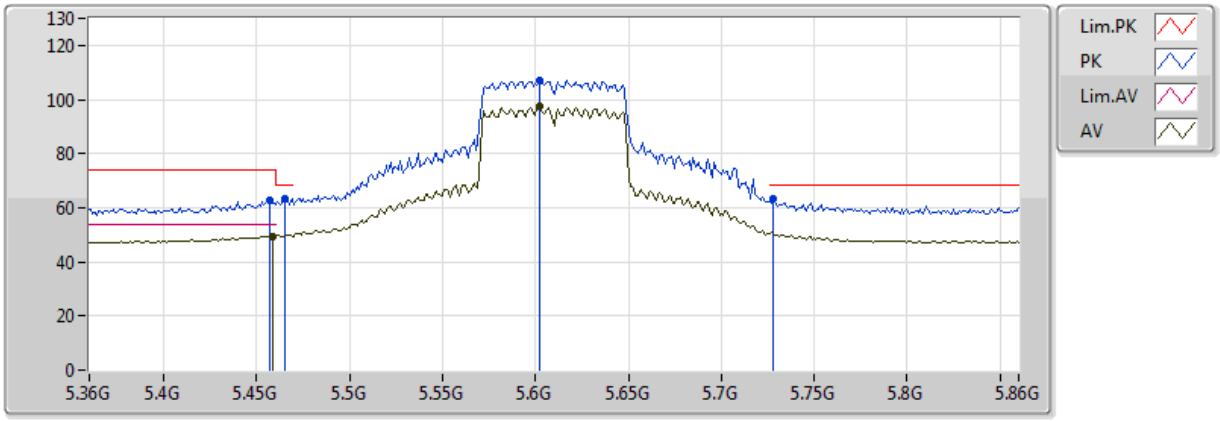


20171220
EUT Y_3TX
Setting 80
03-J-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	51.40	54.00	-2.60	8.30	3	Vertical	242	1.66
AV	5.6G	100.18	Inf	-Inf	8.32	3	Vertical	242	1.66
PK	5.459G	66.78	74.00	-7.22	8.30	3	Vertical	242	1.66
PK	5.460005G	66.49	68.20	-1.71	8.30	3	Vertical	242	1.66
PK	5.6G	111.16	Inf	-Inf	8.32	3	Vertical	242	1.66
PK	5.731G	66.40	68.20	-1.80	8.65	3	Vertical	242	1.66

802.11ac VHT80_Nss1,(MCS0)_3TX

5610MHz_TX

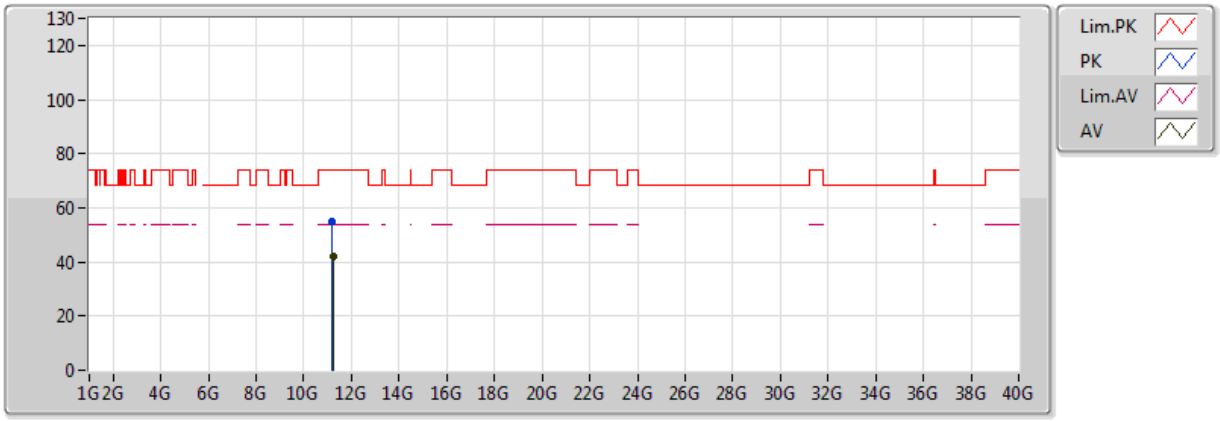


20171220
EUT Y_3TX
Setting 80
03-J-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.459G	49.40	54.00	-4.60	8.30	3	Horizontal	70	1.50
AV	5.602G	97.71	Inf	-Inf	8.33	3	Horizontal	70	1.50
PK	5.457G	62.82	74.00	-11.18	8.30	3	Horizontal	70	1.50
PK	5.465G	63.43	68.20	-4.77	8.31	3	Horizontal	70	1.50
PK	5.602G	107.21	Inf	-Inf	8.33	3	Horizontal	70	1.50
PK	5.728G	63.40	68.20	-4.80	8.64	3	Horizontal	70	1.50

802.11ac VHT80_Nss1,(MCS0)_3TX

5610MHz_TX

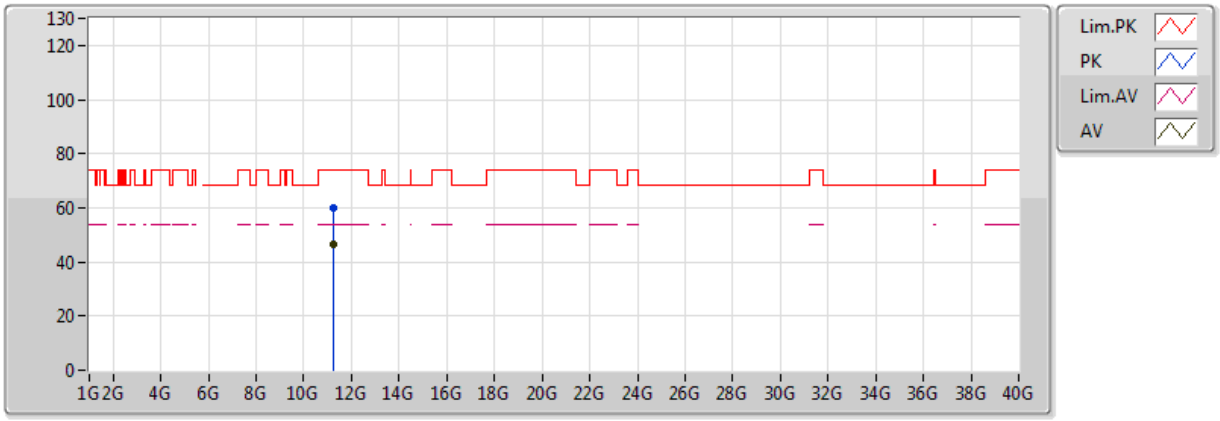


20171220
EUT Y_3TX
Setting 80
03-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.2401G	42.03	54.00	-11.97	14.44	3	Vertical	72	1.50
PK	11.2085G	54.98	74.00	-19.02	14.41	3	Vertical	72	1.50

802.11ac VHT80_Nss1,(MCS0)_3TX

5610MHz_TX

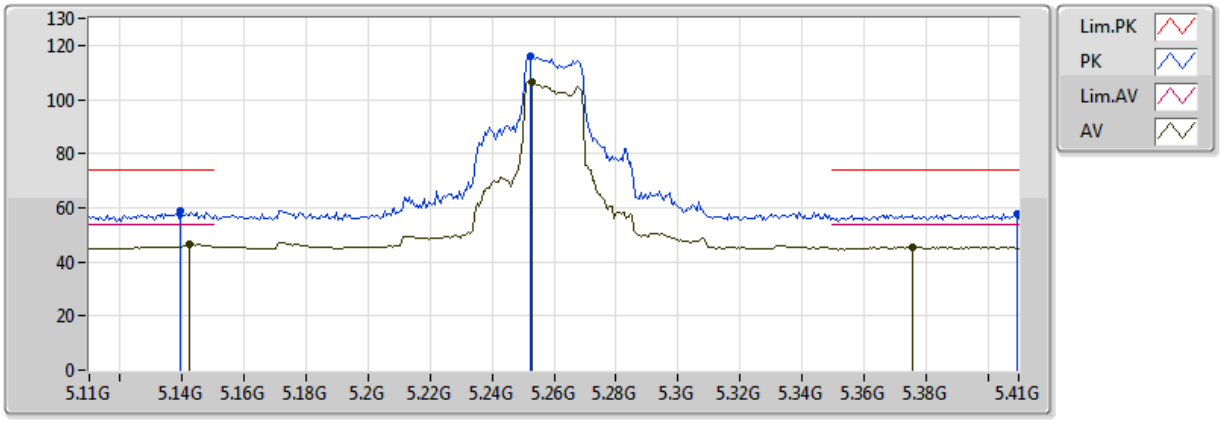


20171220
EUT Y_3TX
Setting 80
03-J-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.2153G	46.48	54.00	-7.52	14.42	3	Horizontal	282	2.11
PK	11.2301G	59.68	74.00	-14.32	14.43	3	Horizontal	282	2.11

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5260MHz_TX

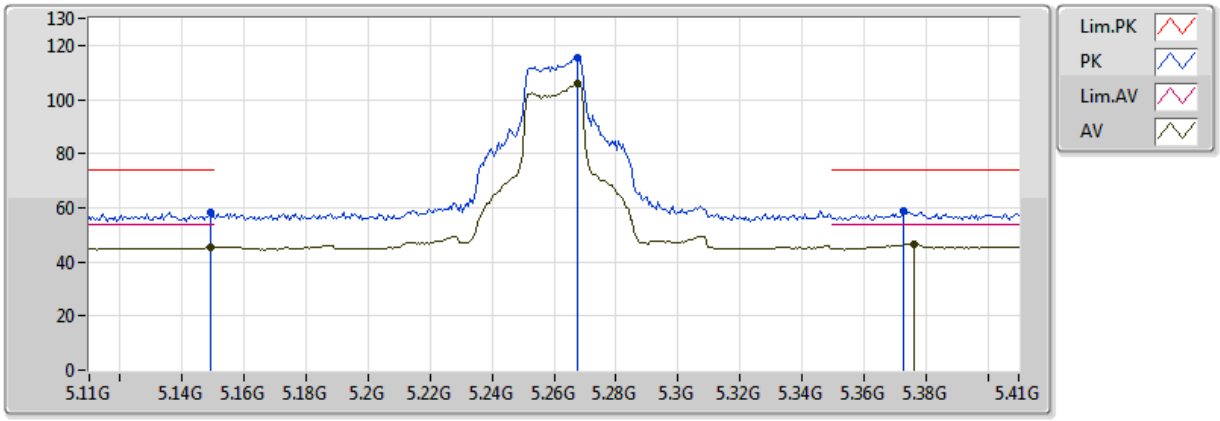


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1424G	46.55	54.00	-7.45	4.04	3	Vertical	30	1.50
AV	5.2528G	106.70	Inf	-Inf	4.34	3	Vertical	30	1.50
AV	5.3758G	45.38	54.00	-8.62	4.62	3	Vertical	30	1.50
PK	5.1394G	58.75	74.00	-15.25	4.03	3	Vertical	30	1.50
PK	5.2522G	116.02	Inf	-Inf	4.34	3	Vertical	30	1.50
PK	5.4094G	57.67	74.00	-16.33	4.69	3	Vertical	30	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5260MHz_TX

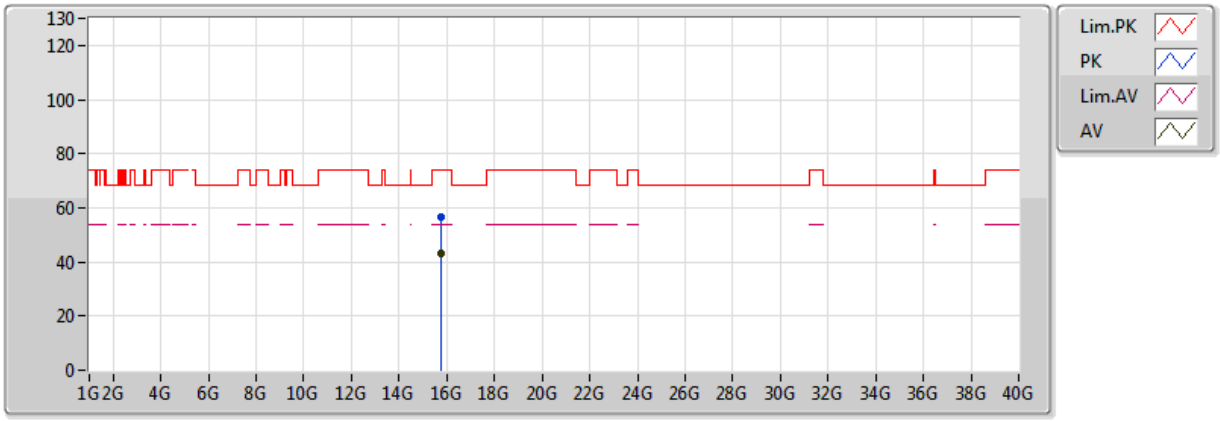


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149G	45.32	54.00	-8.68	4.06	3	Horizontal	92	1.50
AV	5.2678G	106.03	Inf	-Inf	4.38	3	Horizontal	92	1.50
AV	5.3764G	46.68	54.00	-7.32	4.62	3	Horizontal	92	1.50
PK	5.149G	58.33	74.00	-15.67	4.06	3	Horizontal	92	1.50
PK	5.2678G	115.51	Inf	-Inf	4.38	3	Horizontal	92	1.50
PK	5.3728G	58.79	74.00	-15.21	4.61	3	Horizontal	92	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5260MHz_TX

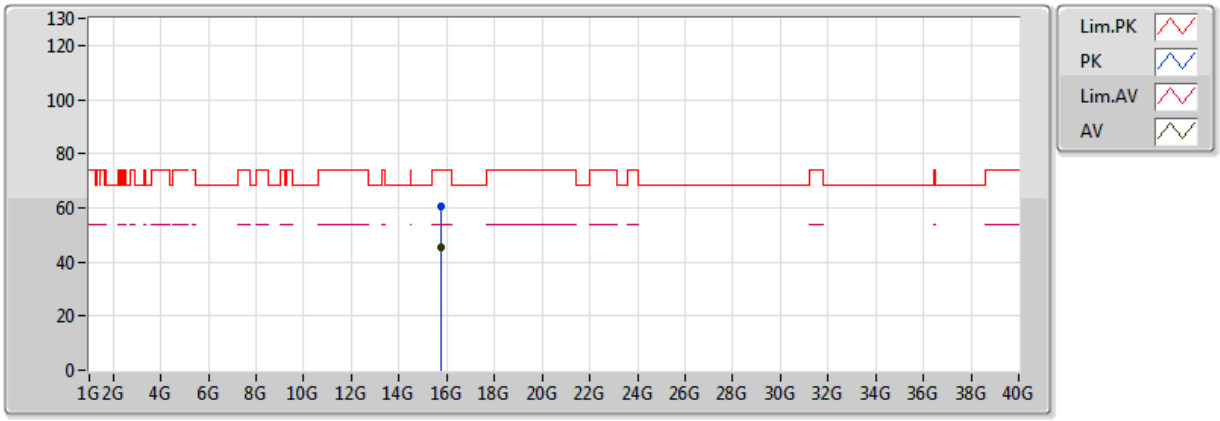


20171219
EUT Y_3TX
Setting 80
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.77518G	43.27	54.00	-10.73	14.97	3	Vertical	7	1.50
PK	15.77794G	56.62	74.00	-17.38	14.97	3	Vertical	7	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5260MHz_TX

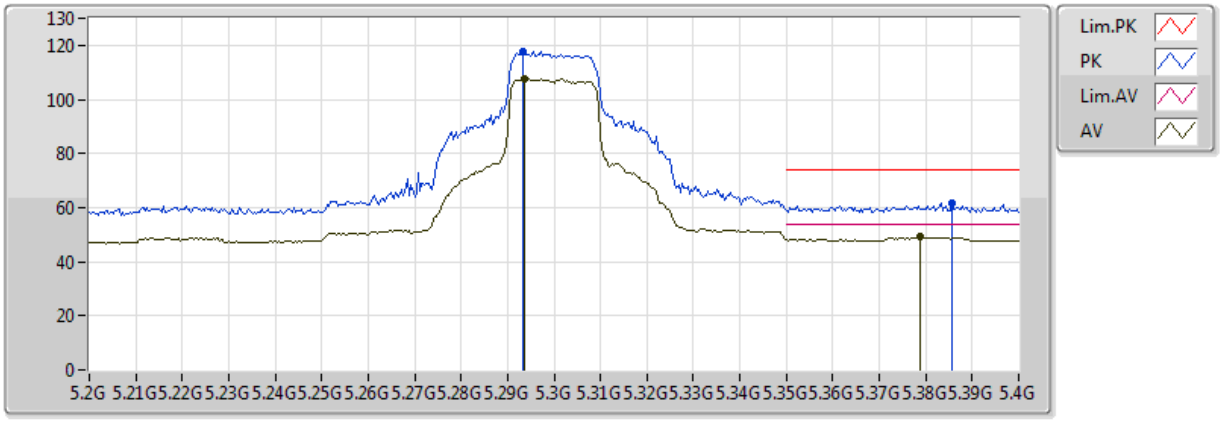


20171219
EUT Y_3TX
Setting 80
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.77822G	45.44	54.00	-8.56	14.97	3	Horizontal	220	1.13
PK	15.77522G	60.79	74.00	-13.21	14.97	3	Horizontal	220	1.13

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5300MHz_TX

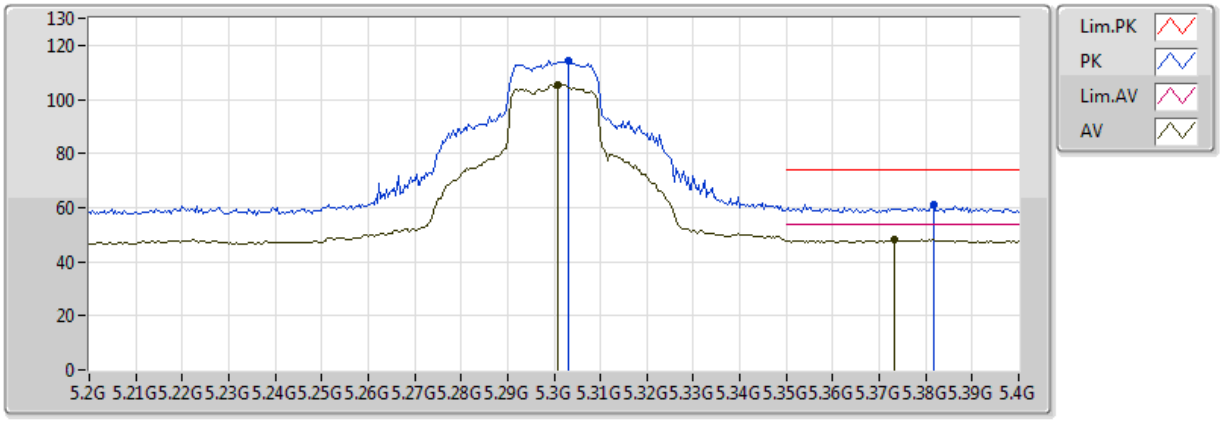


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.2936G	107.54	Inf	-Inf	8.06	3	Vertical	347	1.40
AV	5.3788G	49.17	54.00	-4.83	8.19	3	Vertical	347	1.40
PK	5.2932G	117.64	Inf	-Inf	8.06	3	Vertical	347	1.40
PK	5.3856G	61.73	74.00	-12.27	8.20	3	Vertical	347	1.40

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5300MHz_TX

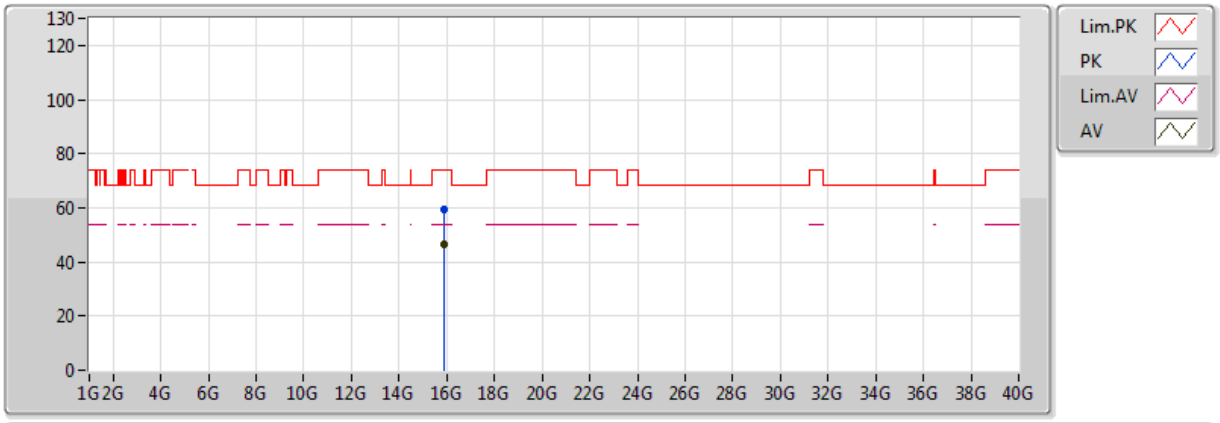


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3008G	105.54	Inf	-Inf	8.07	3	Horizontal	63	2.60
AV	5.3732G	48.22	54.00	-5.78	8.18	3	Horizontal	63	2.60
PK	5.3032G	114.20	Inf	-Inf	8.08	3	Horizontal	63	2.60
PK	5.3816G	60.93	74.00	-13.07	8.20	3	Horizontal	63	2.60

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5300MHz_TX

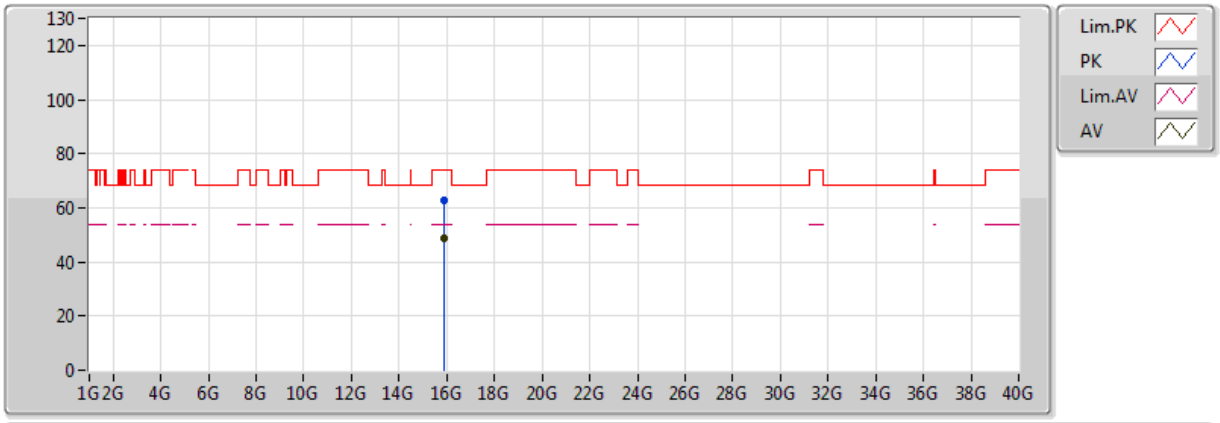


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.90096G	46.24	54.00	-7.76	15.07	3	Vertical	228	1.37
PK	15.8918G	59.41	74.00	-14.59	15.10	3	Vertical	228	1.37

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5300MHz_TX

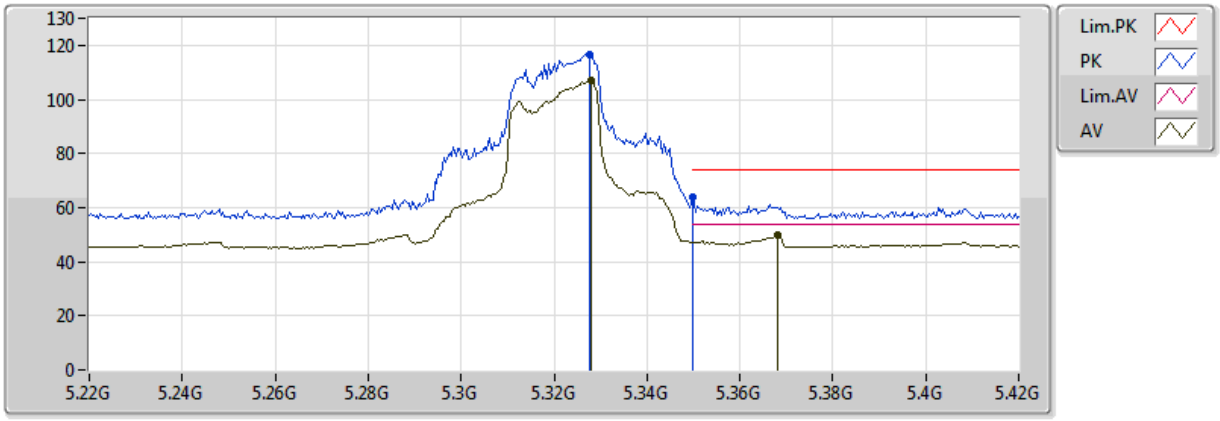


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.89584G	48.67	54.00	-5.33	15.08	3	Horizontal	336	1.53
PK	15.89256G	62.81	74.00	-11.19	15.09	3	Horizontal	336	1.53

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5320MHz_TX

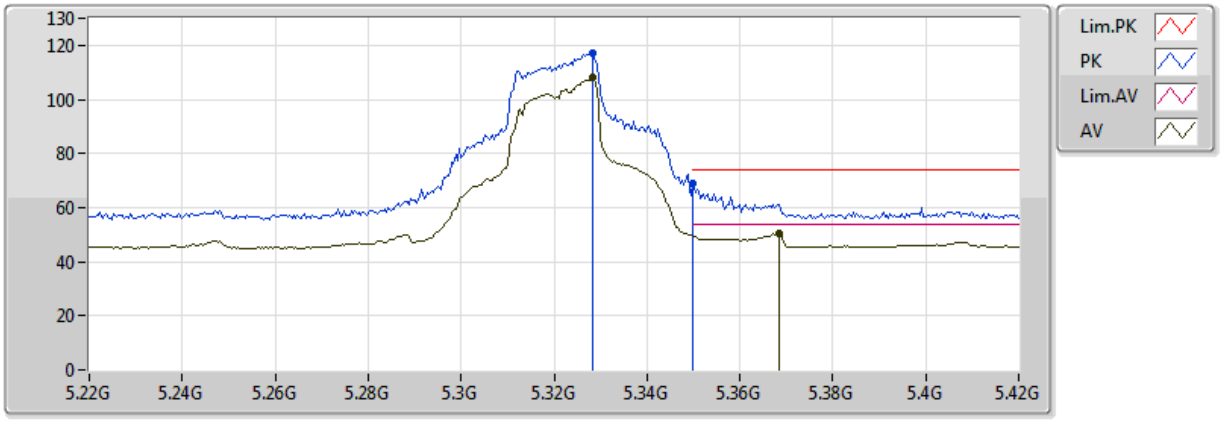


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.328G	106.91	Inf	-Inf	4.52	3	Vertical	74	2.04
AV	5.368G	49.60	54.00	-4.40	4.60	3	Vertical	74	2.04
PK	5.3276G	116.54	Inf	-Inf	4.52	3	Vertical	74	2.04
PK	5.350005G	63.85	74.00	-10.15	4.57	3	Vertical	74	2.04

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5320MHz_TX

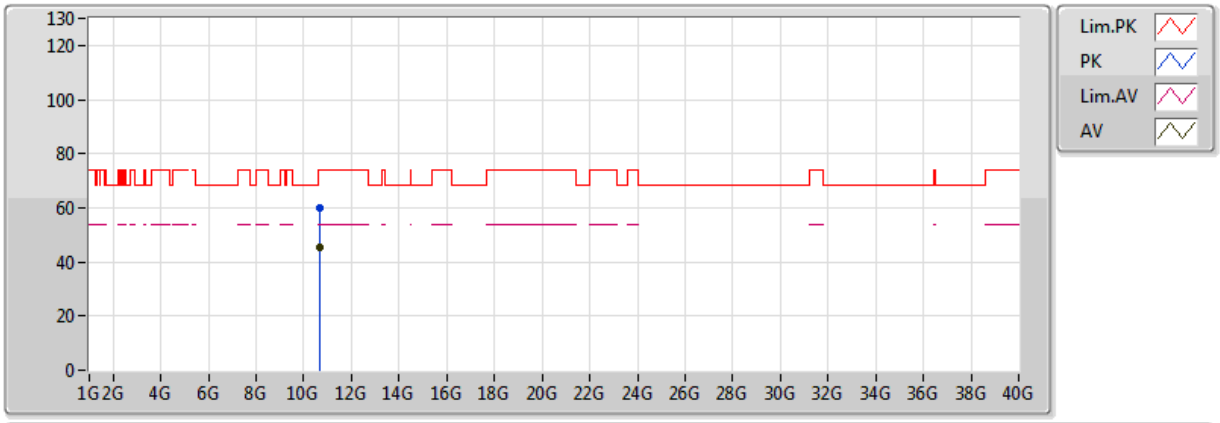


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3284G	108.40	Inf	-Inf	4.52	3	Horizontal	68	2.80
AV	5.3684G	50.60	54.00	-3.40	4.60	3	Horizontal	68	2.80
PK	5.3284G	117.11	Inf	-Inf	4.52	3	Horizontal	68	2.80
PK	5.350005G	69.00	74.00	-5.00	4.57	3	Horizontal	68	2.80

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5320MHz_TX

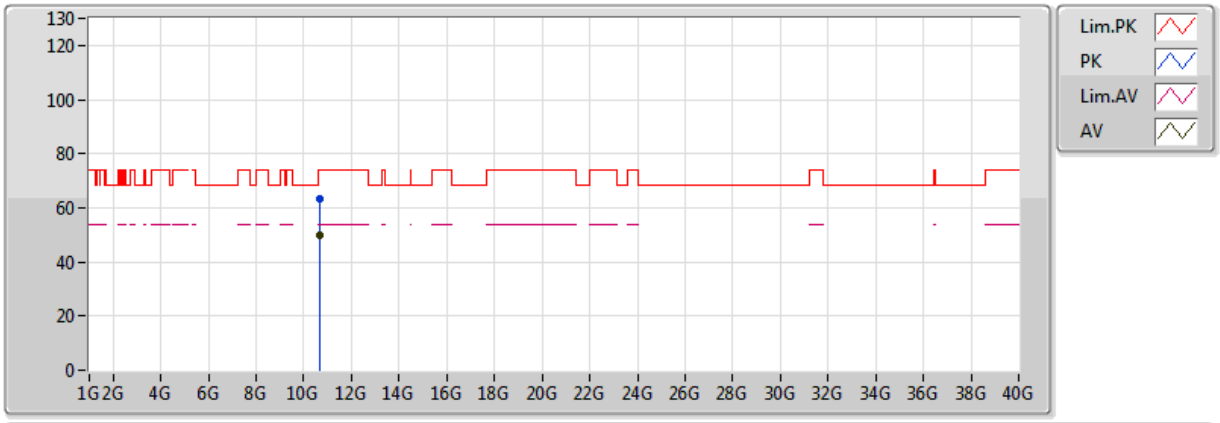


20171219
EUT Y_3TX
Setting 80
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.64002G	45.35	54.00	-8.65	12.80	3	Vertical	116	1.50
PK	10.64448G	60.21	74.00	-13.79	12.80	3	Vertical	116	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5320MHz_TX

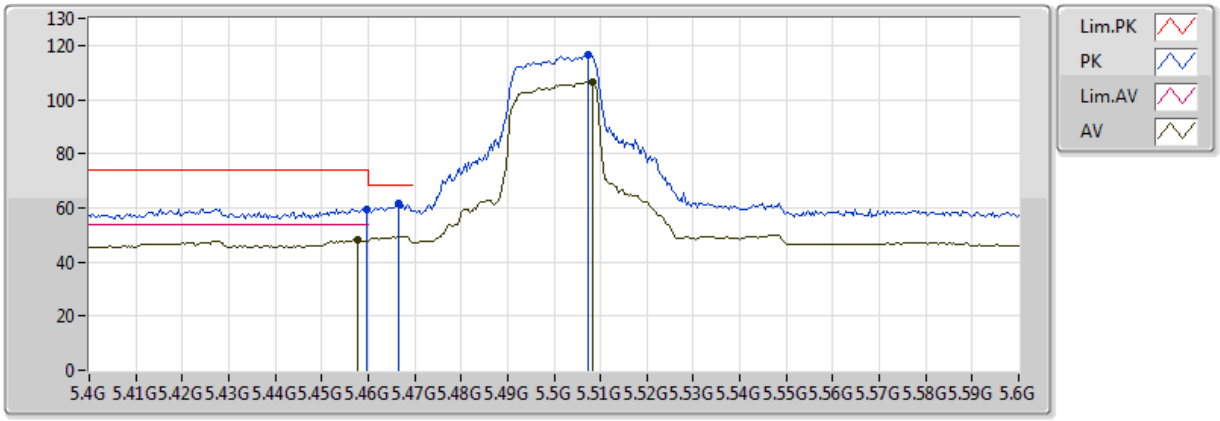


20171219
EUT Y_3TX
Setting 80
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.63998G	49.74	54.00	-4.26	12.80	3	Horizontal	222	1.42
PK	10.6399G	63.46	74.00	-10.54	12.80	3	Horizontal	222	1.42

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5500MHz_TX

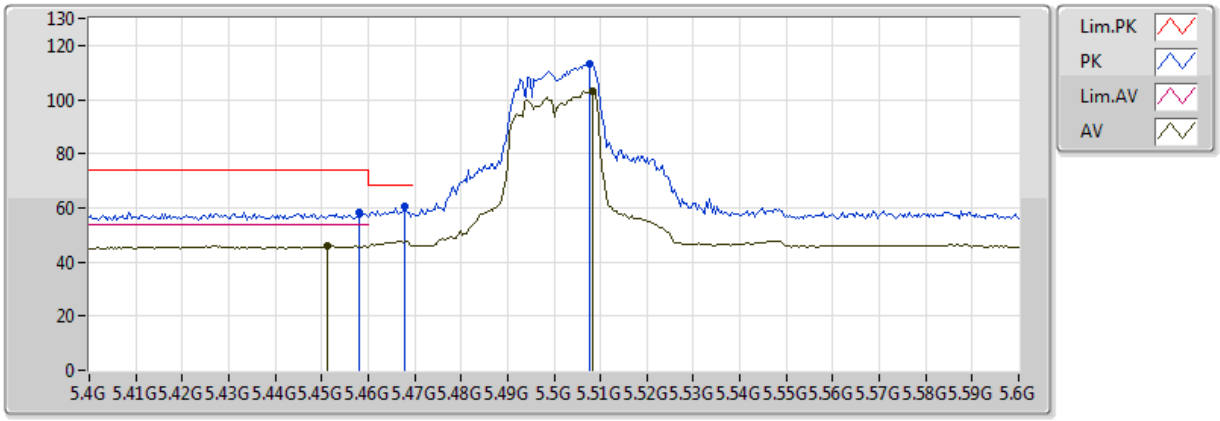


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4576G	48.05	54.00	-5.95	4.76	3	Vertical	96	2.54
AV	5.5084G	106.63	Inf	-Inf	4.85	3	Vertical	96	2.54
PK	5.4596G	59.63	74.00	-14.37	4.77	3	Vertical	96	2.54
PK	5.4664G	61.52	68.20	-6.68	4.78	3	Vertical	96	2.54
PK	5.5072G	116.52	Inf	-Inf	4.85	3	Vertical	96	2.54

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5500MHz_TX

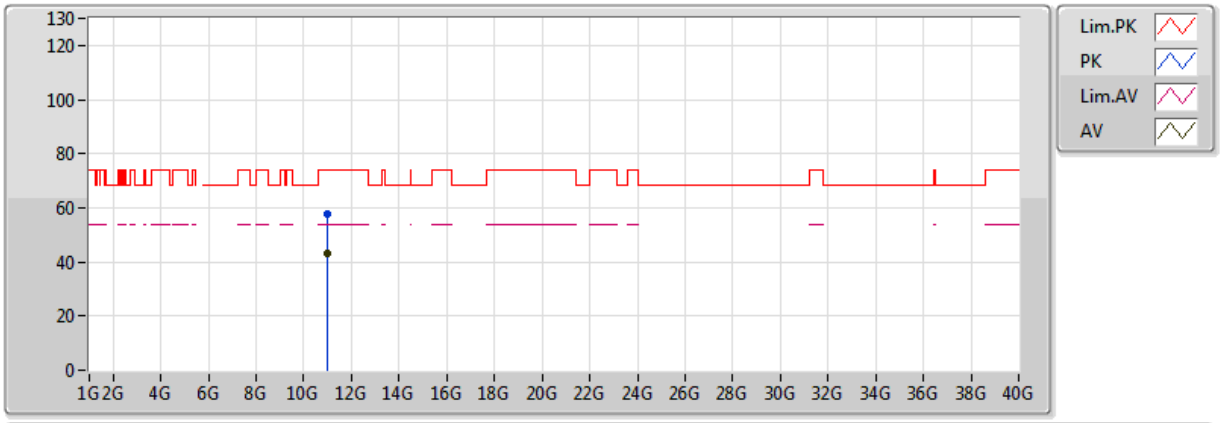


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4512G	46.06	54.00	-7.94	4.75	3	Horizontal	60	1.41
AV	5.5084G	103.38	Inf	-Inf	4.85	3	Horizontal	60	1.41
PK	5.458G	58.34	74.00	-15.66	4.76	3	Horizontal	60	1.41
PK	5.468G	60.38	68.20	-7.82	4.78	3	Horizontal	60	1.41
PK	5.5076G	113.46	Inf	-Inf	4.85	3	Horizontal	60	1.41

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5500MHz_TX

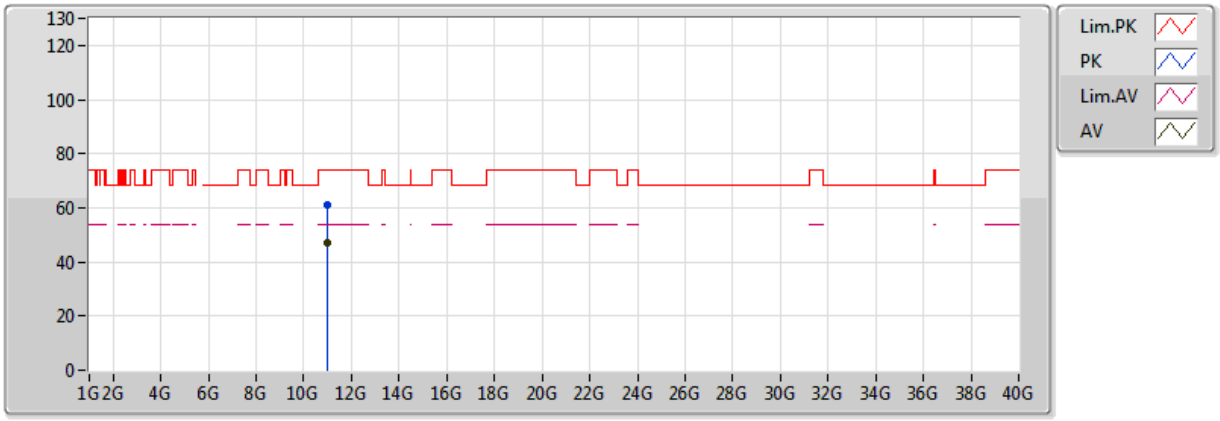


20171219
EUT Y_3TX
Setting 80
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.99524G	42.92	54.00	-11.08	13.22	3	Vertical	254	1.13
PK	10.99766G	57.47	74.00	-16.53	13.23	3	Vertical	254	1.13

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5500MHz_TX

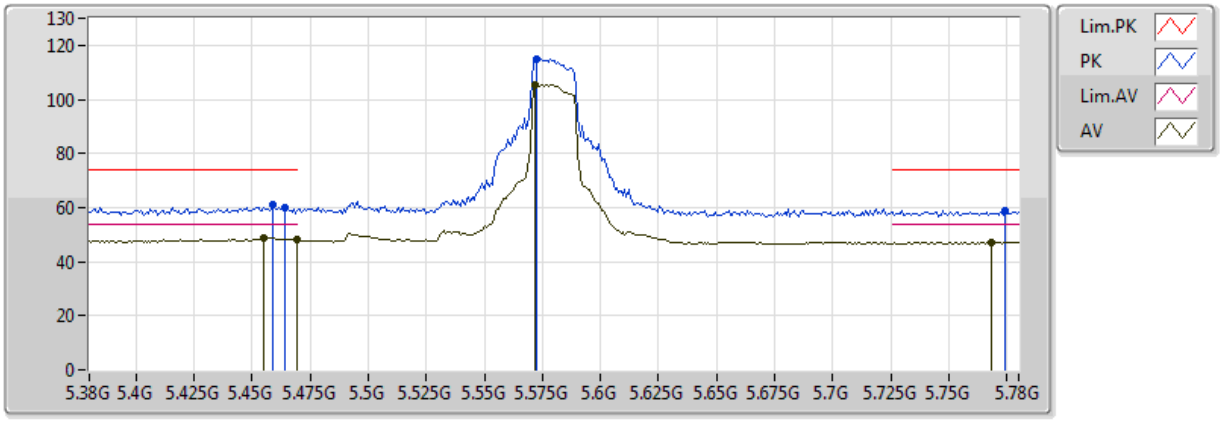


20171219
EUT Y_3TX
Setting 80
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.99868G	46.85	54.00	-7.15	13.23	3	Horizontal	277	1.50
PK	10.99782G	61.20	74.00	-12.80	13.23	3	Horizontal	277	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5580MHz_TX

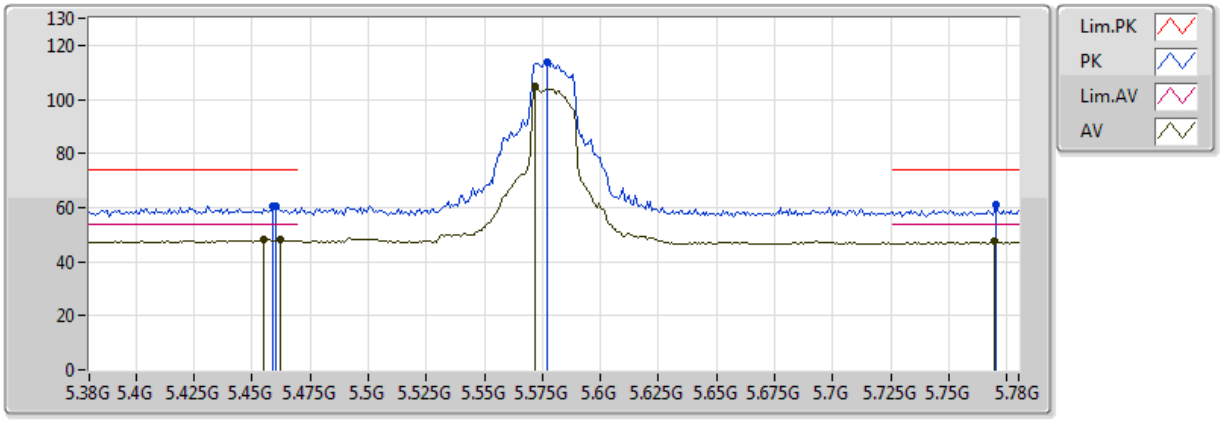


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4552G	49.03	54.00	-4.97	8.29	3	Vertical	280	2.11
AV	5.4696G	48.46	54.00	-5.54	8.31	3	Vertical	280	2.11
AV	5.572G	105.38	Inf	-Inf	8.33	3	Vertical	280	2.11
AV	5.768G	47.10	54.00	-6.90	8.74	3	Vertical	280	2.11
PK	5.4592G	61.13	74.00	-12.87	8.30	3	Vertical	280	2.11
PK	5.464G	60.05	74.00	-13.95	8.31	3	Vertical	280	2.11
PK	5.5728G	114.94	Inf	-Inf	8.33	3	Vertical	280	2.11
PK	5.7744G	59.05	74.00	-14.95	8.76	3	Vertical	280	2.11

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5580MHz_TX

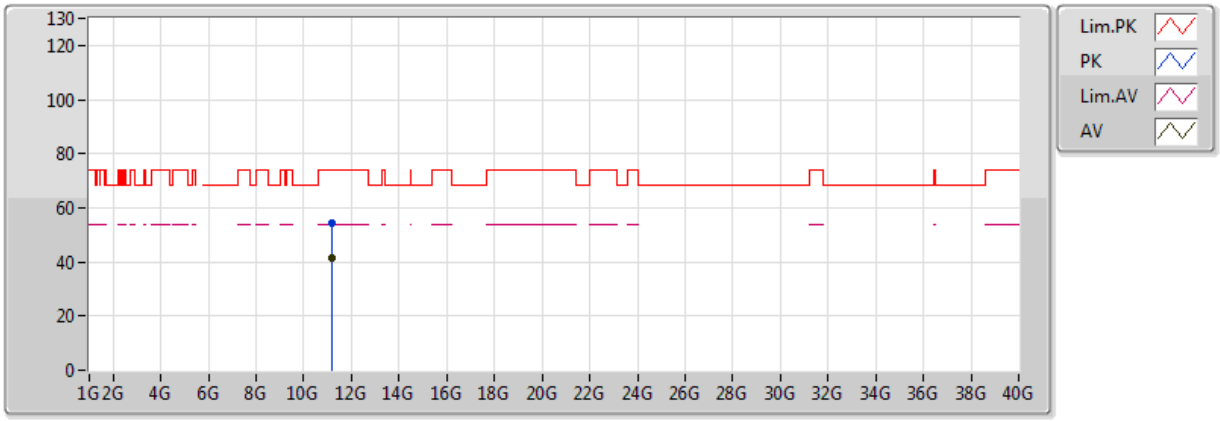


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4552G	48.05	54.00	-5.95	8.29	3	Horizontal	71	1.48
AV	5.4624G	48.05	54.00	-5.95	8.30	3	Horizontal	71	1.48
AV	5.572G	104.67	Inf	-Inf	8.33	3	Horizontal	71	1.48
AV	5.7696G	47.39	54.00	-6.61	8.74	3	Horizontal	71	1.48
PK	5.4592G	60.47	74.00	-13.53	8.30	3	Horizontal	71	1.48
PK	5.460005G	60.44	74.00	-13.56	8.30	3	Horizontal	71	1.48
PK	5.5768G	113.58	Inf	-Inf	8.33	3	Horizontal	71	1.48
PK	5.7704G	60.80	74.00	-13.20	8.75	3	Horizontal	71	1.48

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5580MHz_TX

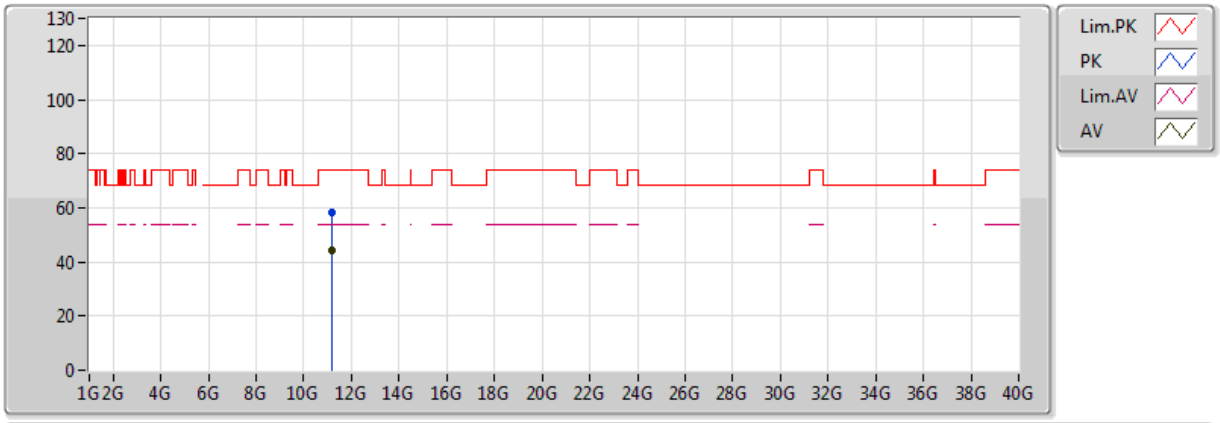


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.16832G	41.47	54.00	-12.53	14.37	3	Vertical	177	2.23
PK	11.15272G	54.50	74.00	-19.50	14.36	3	Vertical	177	2.23

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5580MHz_TX

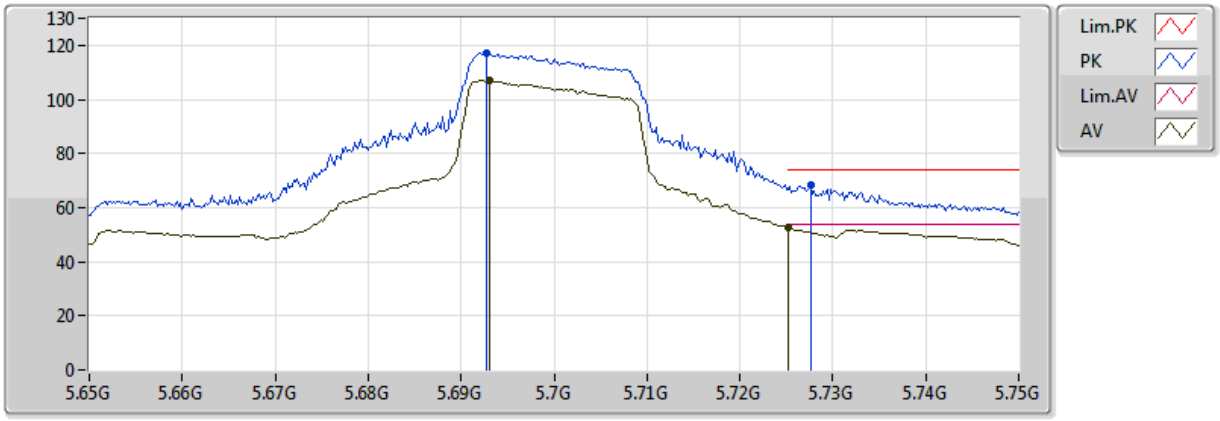


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.15964G	44.31	54.00	-9.69	14.37	3	Horizontal	316	1.14
PK	11.159G	58.39	74.00	-15.61	14.36	3	Horizontal	316	1.14

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5700MHz_TX

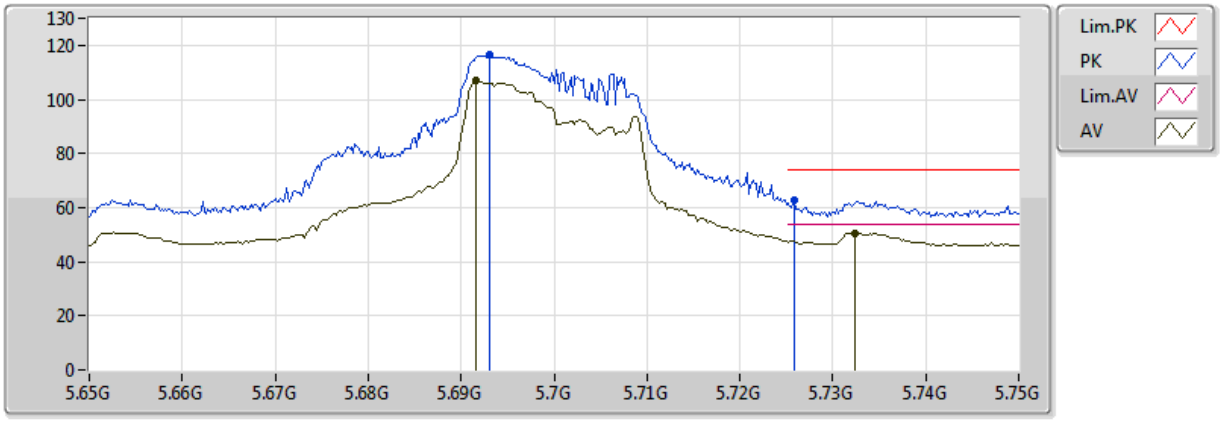


20171219
EUT Y_3TX
Setting 74
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.693G	107.16	Inf	-Inf	5.46	3	Vertical	94	1.54
AV	5.7252G	52.91	54.00	-1.09	5.58	3	Vertical	94	1.54
PK	5.6928G	117.24	Inf	-Inf	5.46	3	Vertical	94	1.54
PK	5.7276G	68.32	74.00	-5.68	5.59	3	Vertical	94	1.54

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5700MHz_TX

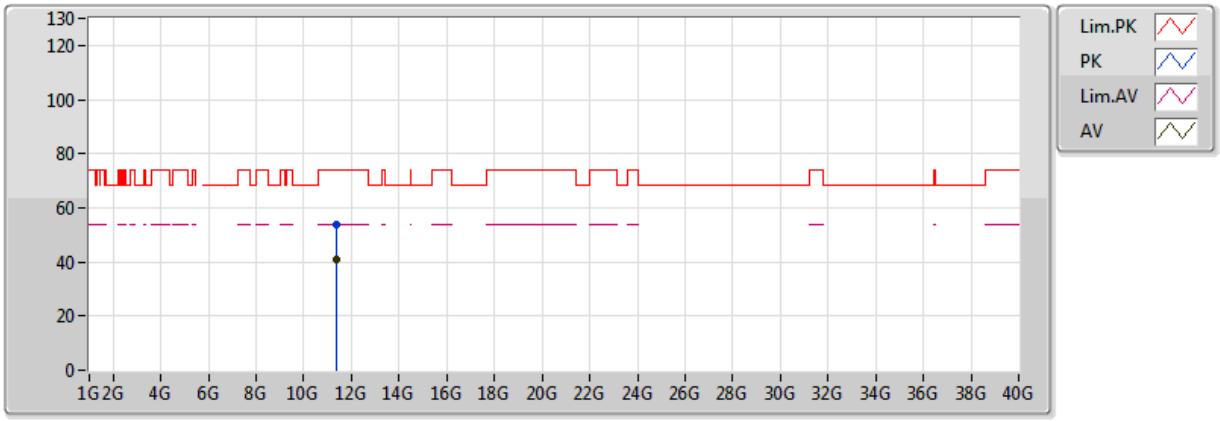


20171219
EUT Y_3TX
Setting 74
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6916G	107.04	Inf	-Inf	5.46	3	Horizontal	81	1.50
AV	5.7324G	50.47	54.00	-3.53	5.61	3	Horizontal	81	1.50
PK	5.693G	116.55	Inf	-Inf	5.46	3	Horizontal	81	1.50
PK	5.7258G	62.93	74.00	-11.07	5.59	3	Horizontal	81	1.50

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5700MHz_TX

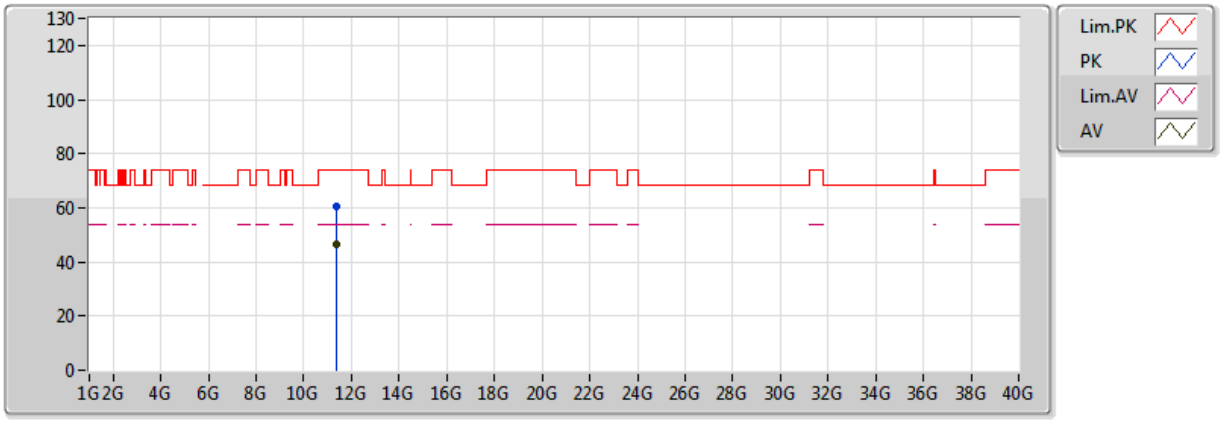


20171219
EUT Y_3TX
Setting 74
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.39978G	40.88	54.00	-13.12	13.30	3	Vertical	290	1.52
PK	11.40182G	53.85	74.00	-20.15	13.30	3	Vertical	290	1.52

802.11ac VHT20-BF_Nss1,(MCS0)_3TX

5700MHz_TX

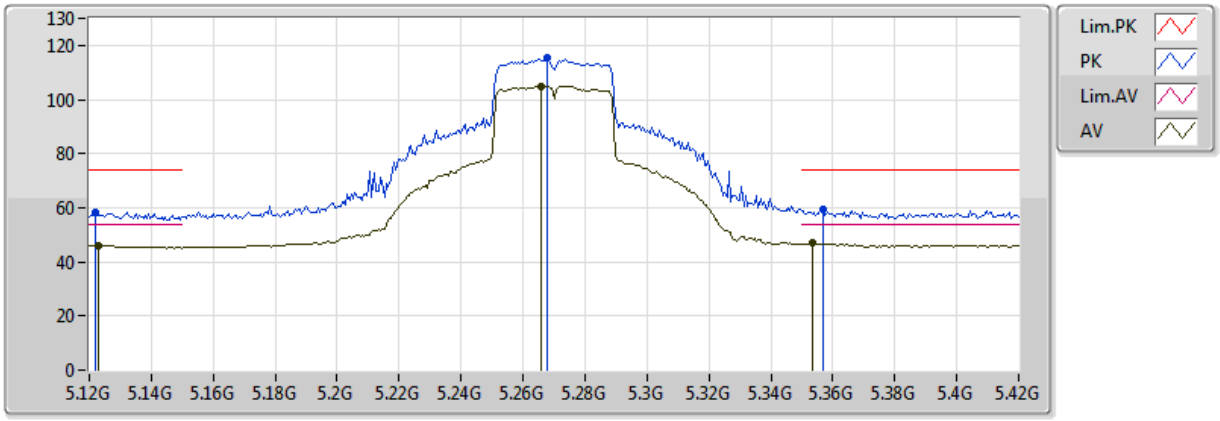


20171219
EUT Y_3TX
Setting 74
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.39998G	46.68	54.00	-7.32	13.30	3	Horizontal	278	1.50
PK	11.40022G	60.67	74.00	-13.33	13.30	3	Horizontal	278	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5270MHz_TX

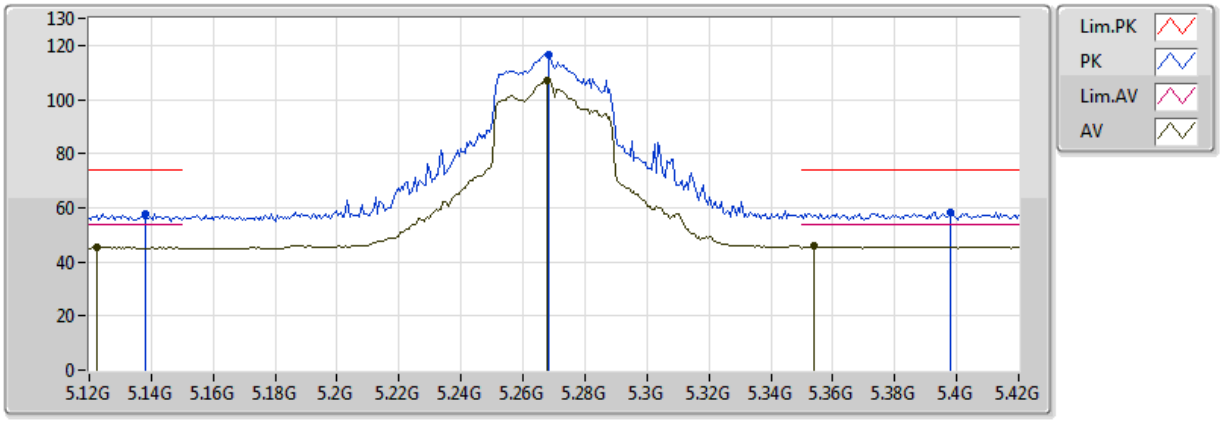


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.123G	46.11	54.00	-7.89	3.98	3	Vertical	239	2.97
AV	5.2658G	105.01	Inf	-Inf	4.37	3	Vertical	239	2.97
AV	5.3534G	46.84	54.00	-7.16	4.57	3	Vertical	239	2.97
PK	5.1218G	58.35	74.00	-15.65	3.98	3	Vertical	239	2.97
PK	5.2676G	115.22	Inf	-Inf	4.38	3	Vertical	239	2.97
PK	5.357G	59.44	74.00	-14.56	4.58	3	Vertical	239	2.97

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5270MHz_TX

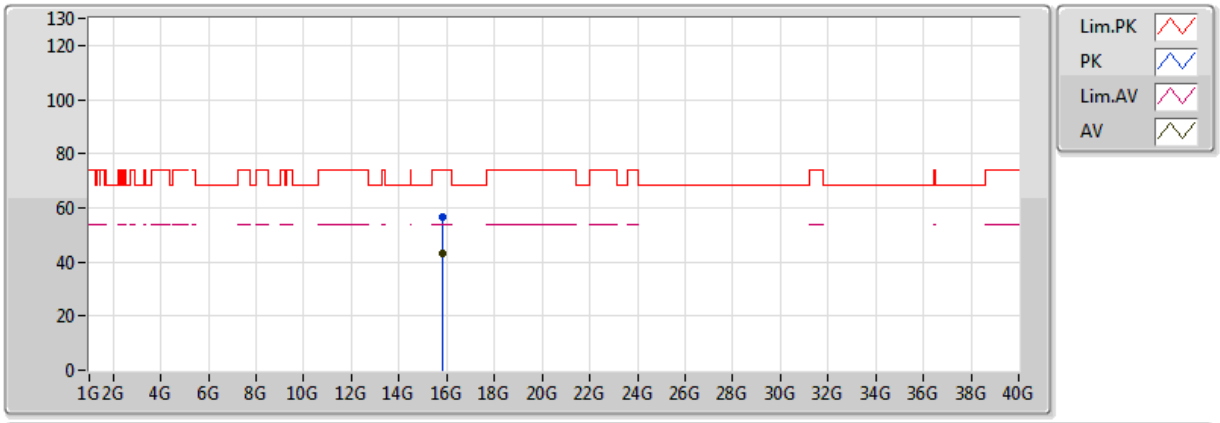


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.1224G	45.32	54.00	-8.68	3.98	3	Horizontal	90	2.19
AV	5.2676G	107.09	Inf	-Inf	4.38	3	Horizontal	90	2.19
AV	5.354G	45.67	54.00	-8.33	4.57	3	Horizontal	90	2.19
PK	5.138G	57.88	74.00	-16.12	4.02	3	Horizontal	90	2.19
PK	5.2682G	116.54	Inf	-Inf	4.38	3	Horizontal	90	2.19
PK	5.3978G	58.53	74.00	-15.47	4.67	3	Horizontal	90	2.19

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5270MHz_TX

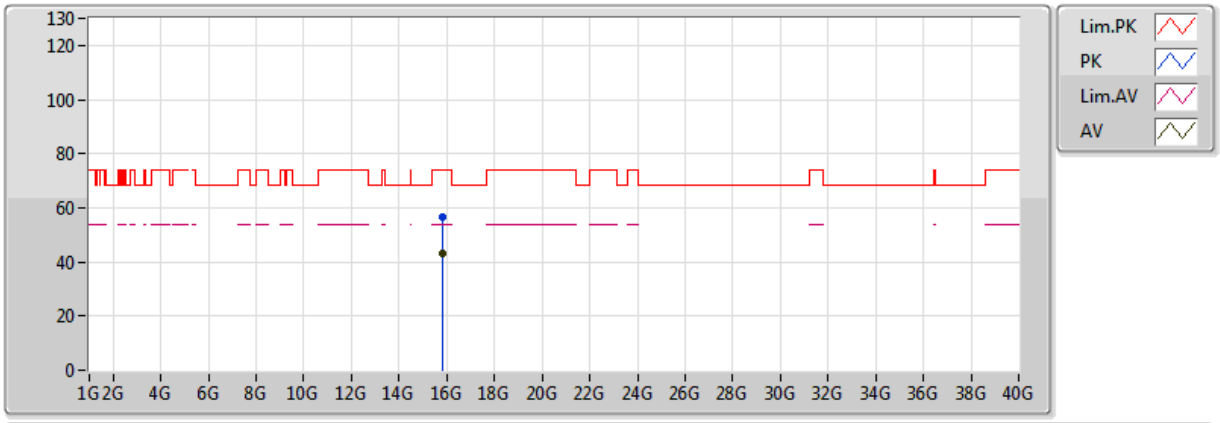


20171219
EUT Y_3TX
Setting 80
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.8088G	42.93	54.00	-11.07	14.93	3	Vertical	0	1.61
PK	15.80618G	56.73	74.00	-17.27	14.94	3	Vertical	0	1.61

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5270MHz_TX

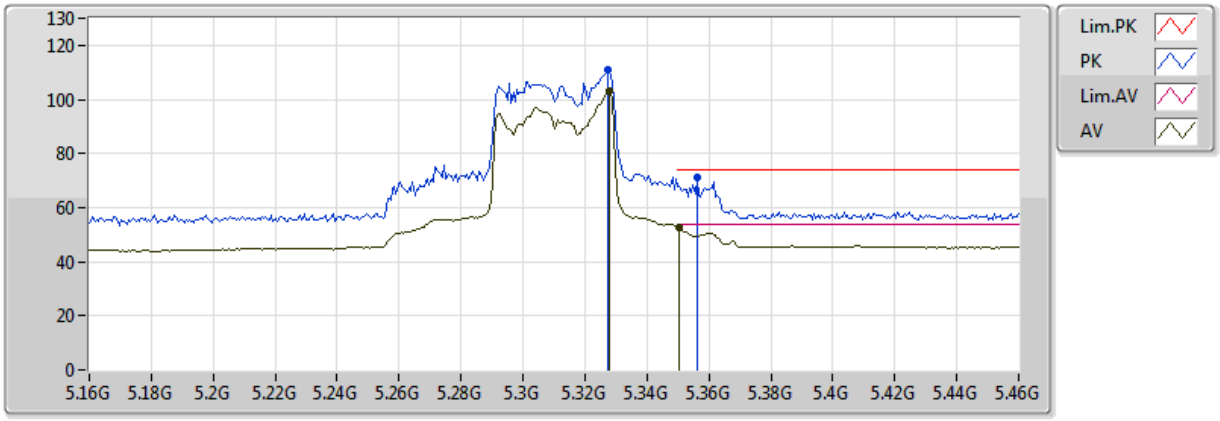


20171219
EUT Y_3TX
Setting 80
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.81408G	43.27	54.00	-10.73	14.93	3	Horizontal	336	1.50
PK	15.80874G	56.41	74.00	-17.59	14.93	3	Horizontal	336	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5310MHz_TX

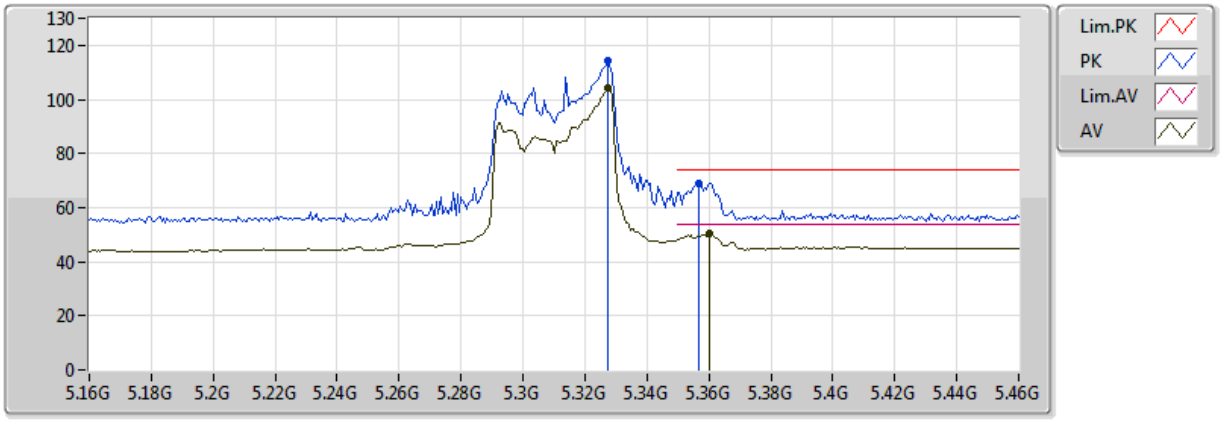


20171219
EUT Y_3TX
Setting 65
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.328G	102.92	Inf	-Inf	4.52	3	Vertical	71	2.11
AV	5.3502G	52.51	54.00	-1.49	4.57	3	Vertical	71	2.11
PK	5.3274G	110.80	Inf	-Inf	4.52	3	Vertical	71	2.11
PK	5.3562G	71.00	74.00	-3.00	4.58	3	Vertical	71	2.11

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5310MHz_TX

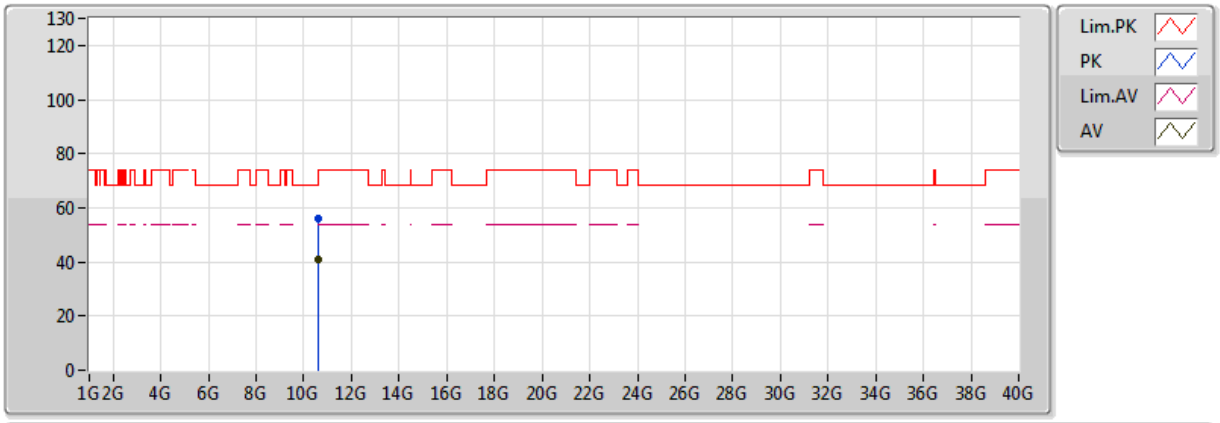


20171219
EUT Y_3TX
Setting 65
03-C-4-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.3274G	104.49	Inf	-Inf	4.52	3	Horizontal	54	2.05
AV	5.3604G	50.44	54.00	-3.56	4.59	3	Horizontal	54	2.05
PK	5.3274G	114.54	Inf	-Inf	4.52	3	Horizontal	54	2.05
PK	5.3568G	68.96	74.00	-5.04	4.58	3	Horizontal	54	2.05

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5310MHz_TX

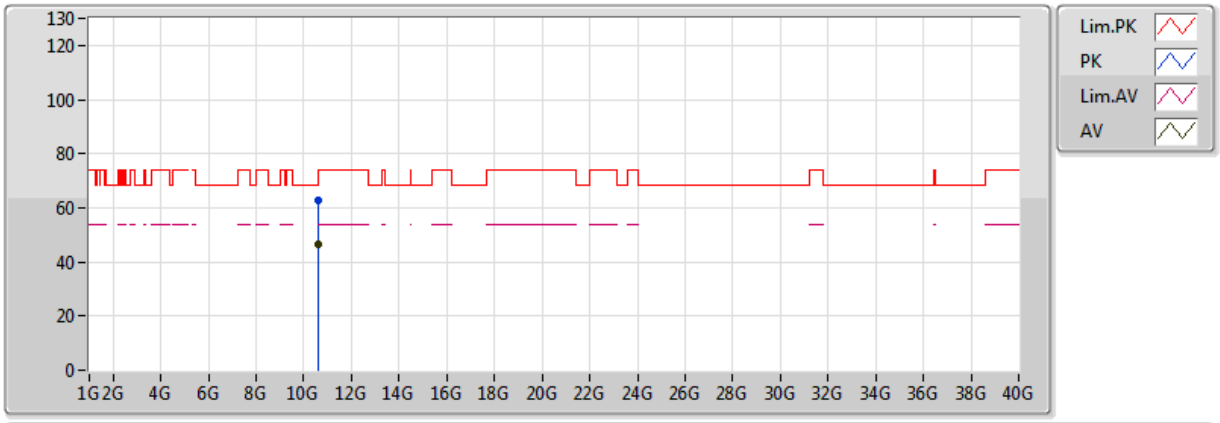


20171219
EUT Y_3TX
Setting 65
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.61524G	40.86	54.00	-13.14	12.77	3	Vertical	162	1.50
PK	10.6199G	55.91	74.00	-18.09	12.77	3	Vertical	162	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5310MHz_TX

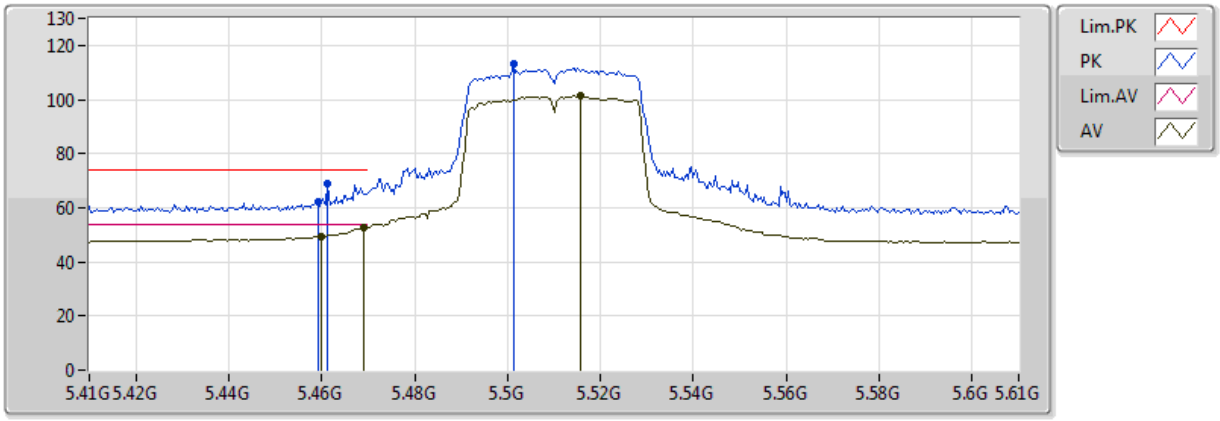


20171219
EUT Y_3TX
Setting 65
03-C-4
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	10.61964G	46.78	54.00	-7.22	12.77	3	Horizontal	319	1.27
PK	10.61988G	62.90	74.00	-11.10	12.77	3	Horizontal	319	1.27

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5510MHz_TX

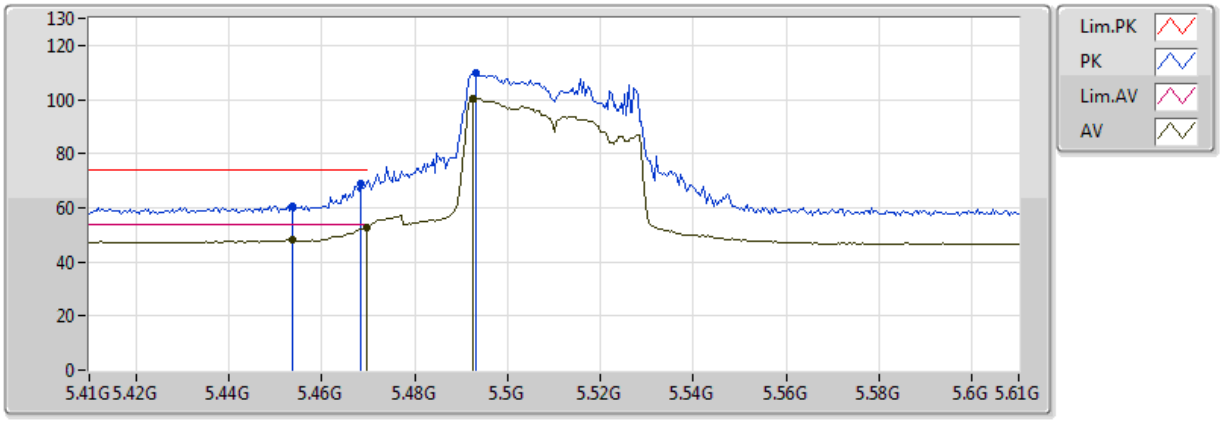


20171220
EUT Y_3TX
Setting 60
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4598G	49.37	54.00	-4.63	8.30	3	Vertical	244	1.87
AV	5.4692G	52.59	54.00	-1.41	8.31	3	Vertical	244	1.87
AV	5.5156G	101.68	Inf	-Inf	8.35	3	Vertical	244	1.87
PK	5.4592G	62.45	74.00	-11.55	8.30	3	Vertical	244	1.87
PK	5.4612G	69.05	74.00	-4.95	8.30	3	Vertical	244	1.87
PK	5.5012G	113.03	Inf	-Inf	8.35	3	Vertical	244	1.87

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5510MHz_TX

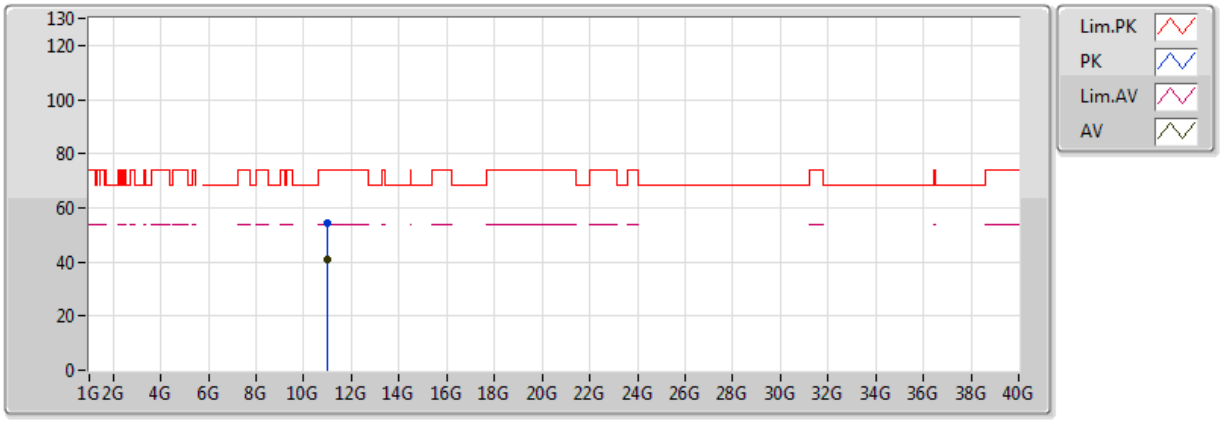


20171220
EUT Y_3TX
Setting 60
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4536G	48.32	54.00	-5.68	8.29	3	Horizontal	104	2.46
AV	5.4696G	52.69	54.00	-1.31	8.31	3	Horizontal	104	2.46
AV	5.4924G	100.43	Inf	-Inf	8.34	3	Horizontal	104	2.46
PK	5.4536G	60.75	74.00	-13.25	8.29	3	Horizontal	104	2.46
PK	5.4684G	68.77	74.00	-5.23	8.31	3	Horizontal	104	2.46
PK	5.4932G	109.80	Inf	-Inf	8.34	3	Horizontal	104	2.46

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5510MHz_TX

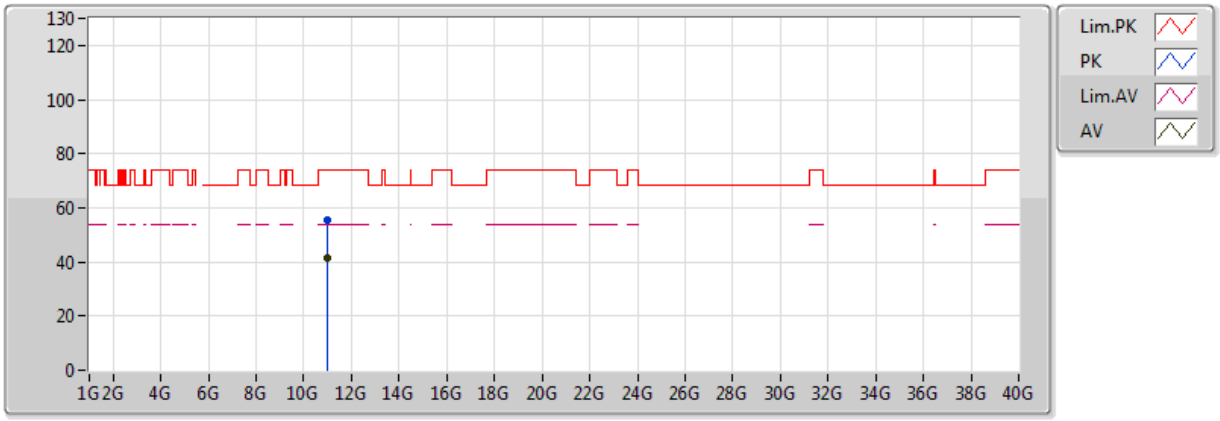


20171220
EUT Y_3TX
Setting 60
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0105G	41.16	54.00	-12.84	14.22	3	Vertical	53	1.50
PK	11.0165G	54.41	74.00	-19.59	14.23	3	Vertical	53	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5510MHz_TX

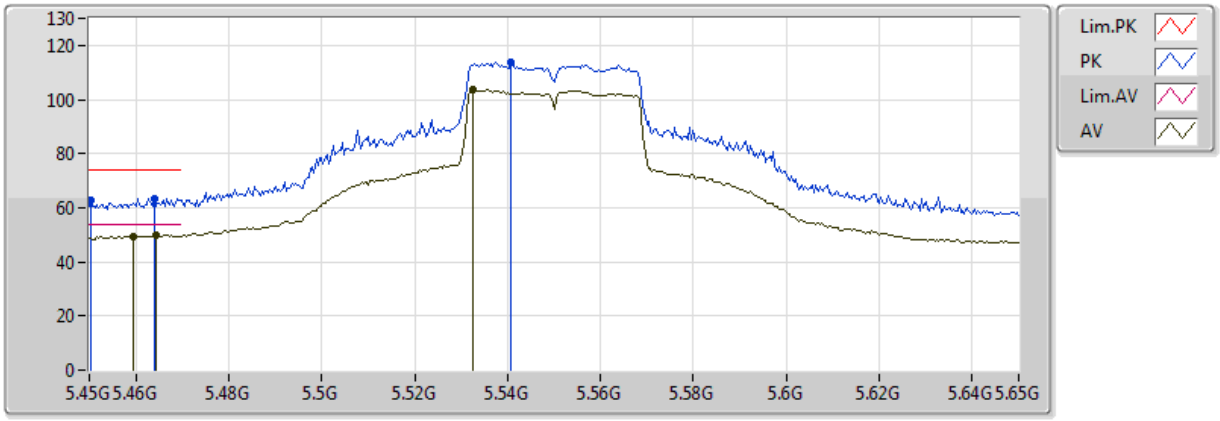


20171220
EUT Y_3TX
Setting 60
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0156G	41.27	54.00	-12.73	14.23	3	Horizontal	63	1.50
PK	11.0201G	55.34	74.00	-18.66	14.23	3	Horizontal	63	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5550MHz_TX

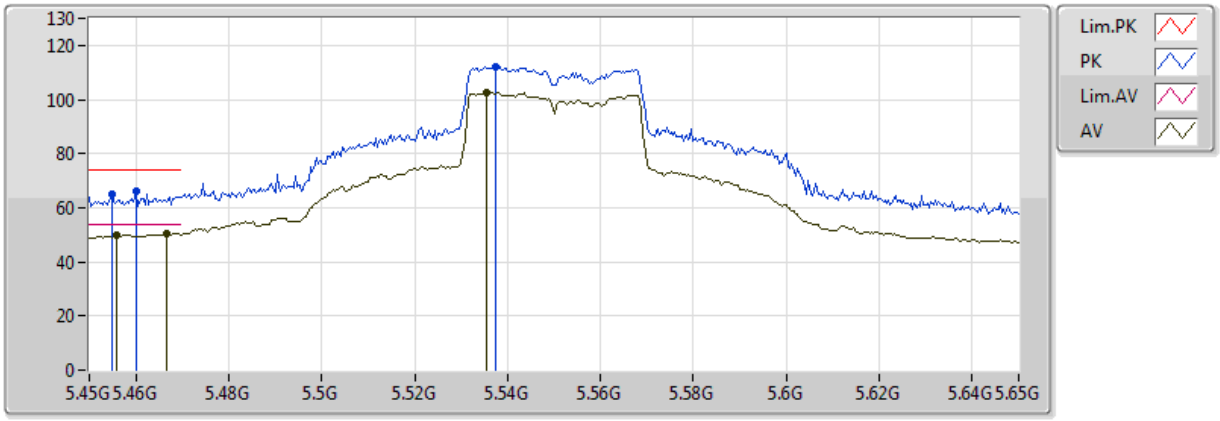


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4596G	49.48	54.00	-4.52	8.30	3	Vertical	350	1.54
AV	5.4644G	49.93	54.00	-4.07	8.31	3	Vertical	350	1.54
AV	5.5324G	103.76	Inf	-Inf	8.34	3	Vertical	350	1.54
PK	5.4504G	62.60	74.00	-11.40	8.29	3	Vertical	350	1.54
PK	5.464G	63.55	74.00	-10.45	8.31	3	Vertical	350	1.54
PK	5.5408G	113.71	Inf	-Inf	8.34	3	Vertical	350	1.54

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5550MHz_TX

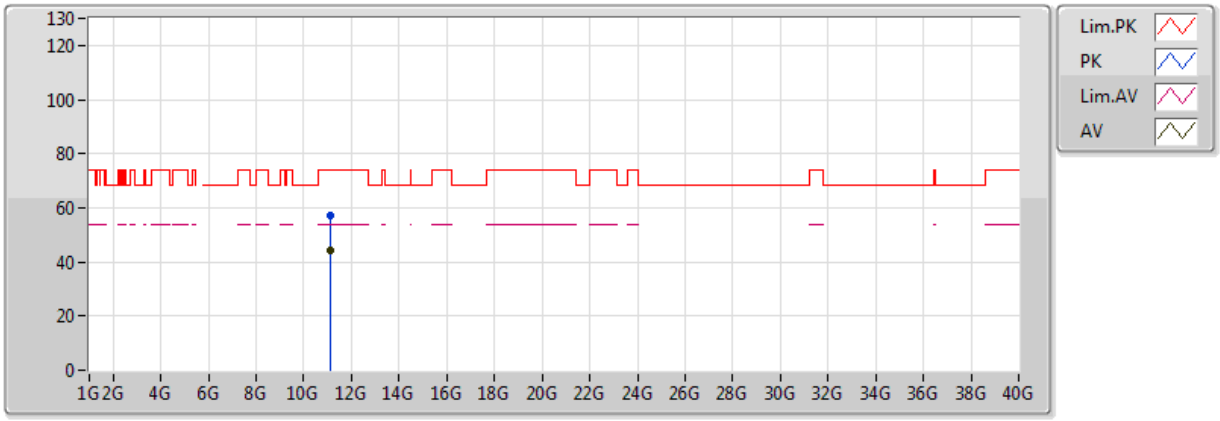


20171227
EUT Y_3TX
Setting 80
03-Z-1-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.456G	50.07	54.00	-3.93	8.30	3	Horizontal	79	1.48
AV	5.4668G	50.32	54.00	-3.68	8.31	3	Horizontal	79	1.48
AV	5.5356G	102.73	Inf	-Inf	8.34	3	Horizontal	79	1.48
PK	5.4548G	64.88	74.00	-9.12	8.29	3	Horizontal	79	1.48
PK	5.460005G	66.30	74.00	-7.70	8.30	3	Horizontal	79	1.48
PK	5.5376G	112.21	Inf	-Inf	8.34	3	Horizontal	79	1.48

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5550MHz_TX

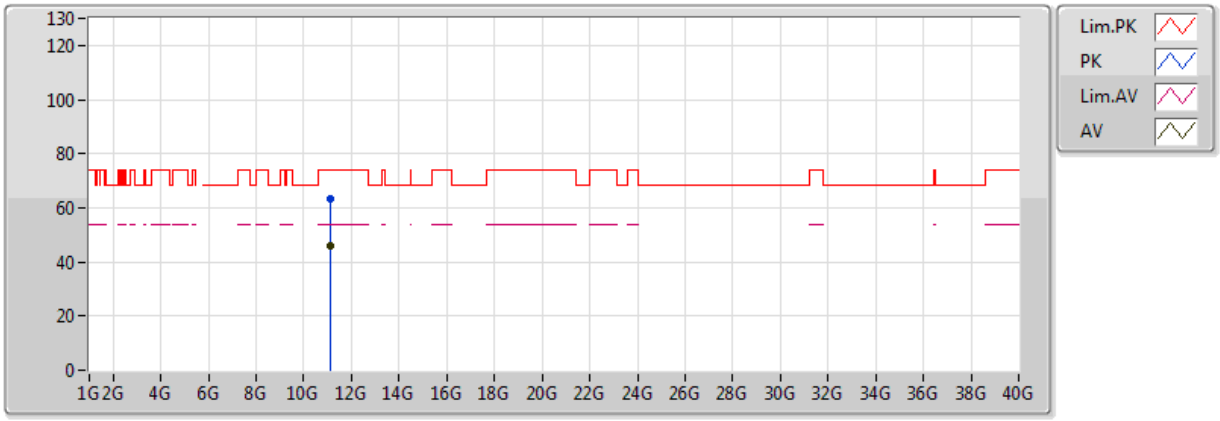


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.09648G	44.54	54.00	-9.46	14.31	3	Vertical	54	1.41
PK	11.08864G	57.06	74.00	-16.94	14.30	3	Vertical	54	1.41

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5550MHz_TX

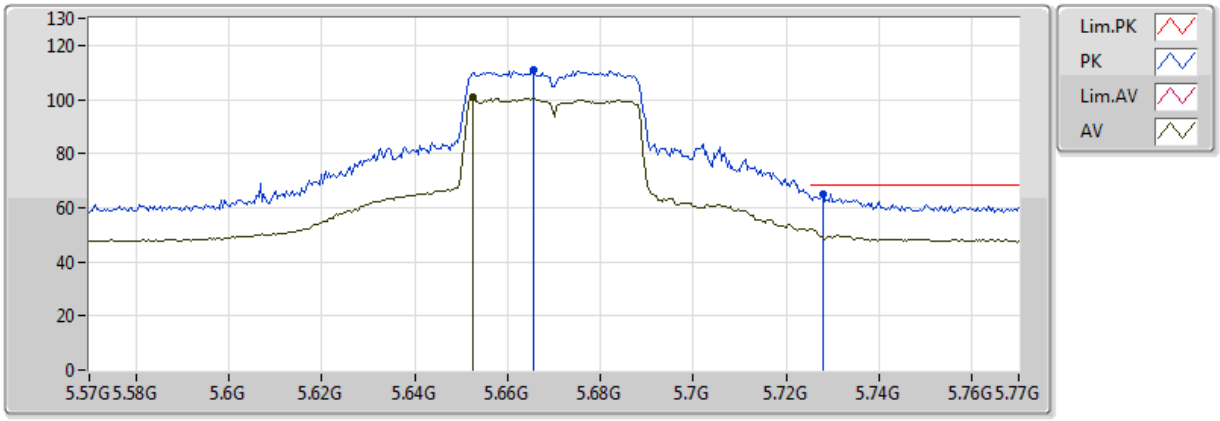


20171227
EUT Y_3TX
Setting 80
03-Z-1
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0996G	46.05	54.00	-7.95	14.31	3	Horizontal	234	1.79
PK	11.10008G	63.16	74.00	-10.84	14.31	3	Horizontal	234	1.79

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5670MHz_TX

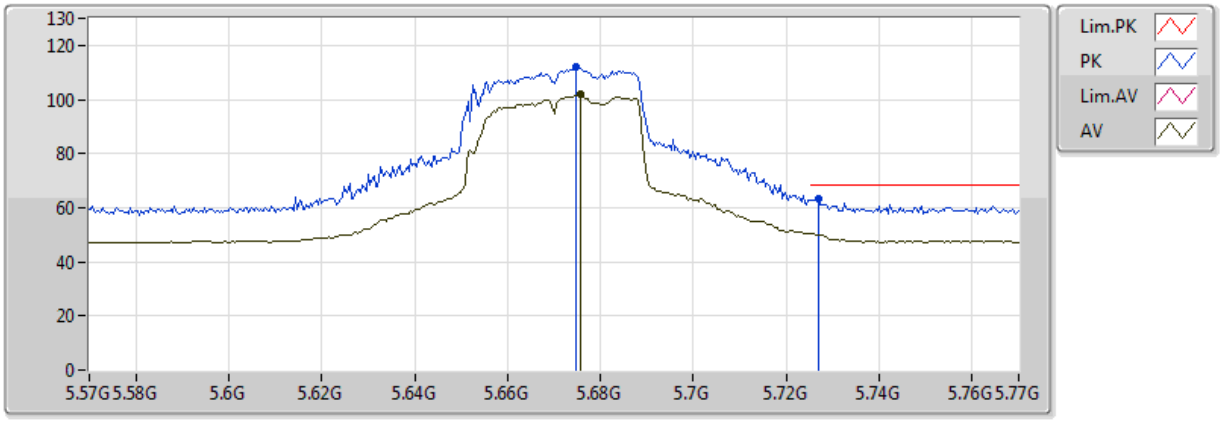


20171220
EUT Y_3TX
Setting 72
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6524G	100.61	Inf	-Inf	8.45	3	Vertical	248	1.50
PK	5.6656G	110.71	Inf	-Inf	8.48	3	Vertical	248	1.50
PK	5.728G	64.81	68.20	-3.39	8.64	3	Vertical	248	1.50

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5670MHz_TX

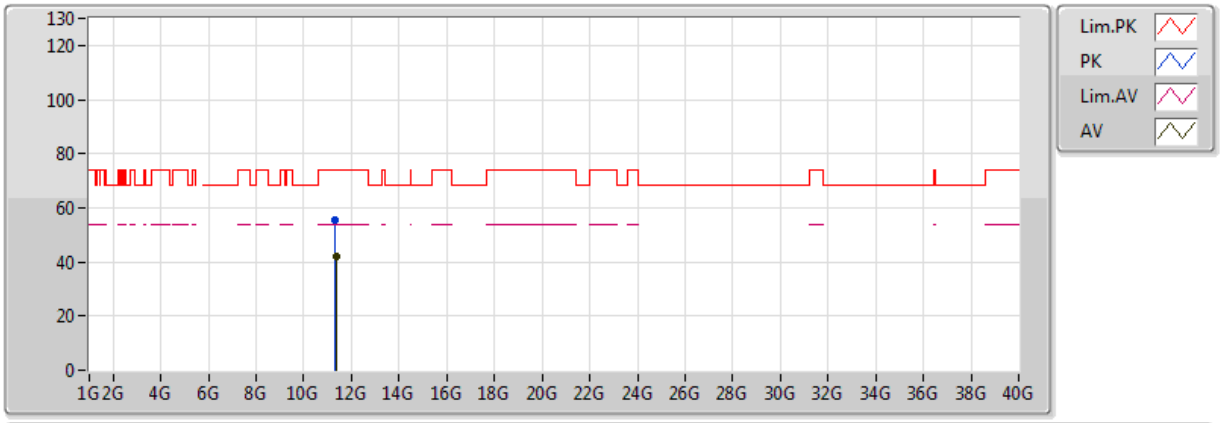


20171220
EUT Y_3TX
Setting 72
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.6756G	101.84	Inf	-Inf	8.51	3	Horizontal	75	1.39
PK	5.6748G	112.12	Inf	-Inf	8.50	3	Horizontal	75	1.39
PK	5.7268G	63.32	68.20	-4.88	8.63	3	Horizontal	75	1.39

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5670MHz_TX

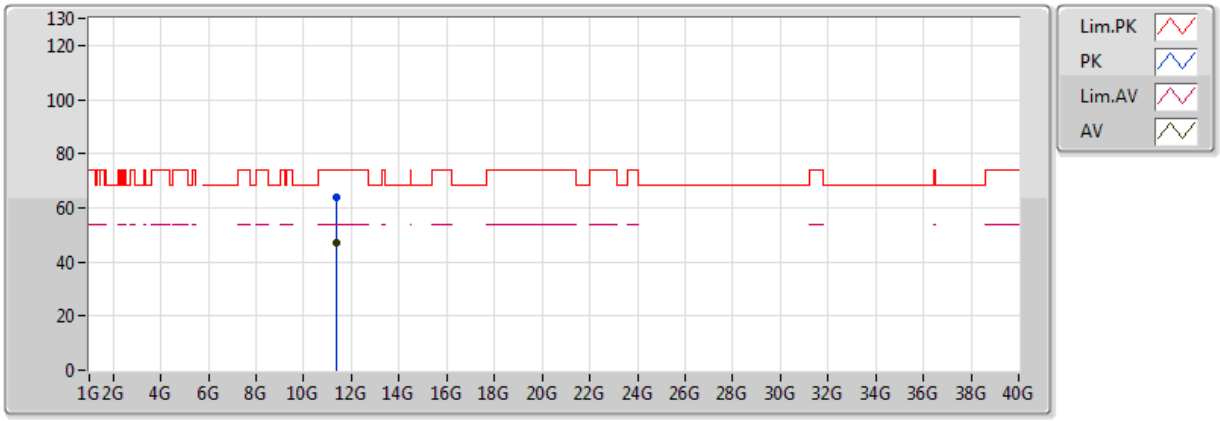


20171220
EUT Y_3TX
Setting 72
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.3404G	42.05	54.00	-11.95	14.54	3	Vertical	255	1.97
PK	11.3305G	55.20	74.00	-18.80	14.53	3	Vertical	255	1.97

802.11ac VHT40-BF_Nss1,(MCS0)_3TX

5670MHz_TX

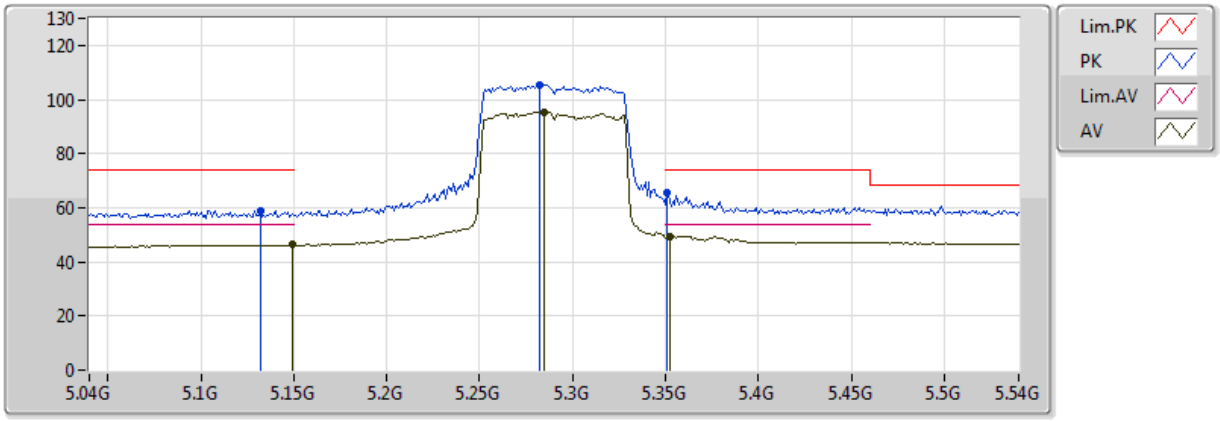


20171220
EUT Y_3TX
Setting 72
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.3399G	47.31	54.00	-6.69	14.54	3	Horizontal	279	2.05
PK	11.3401G	63.77	74.00	-10.23	14.54	3	Horizontal	279	2.05

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5290MHz_TX

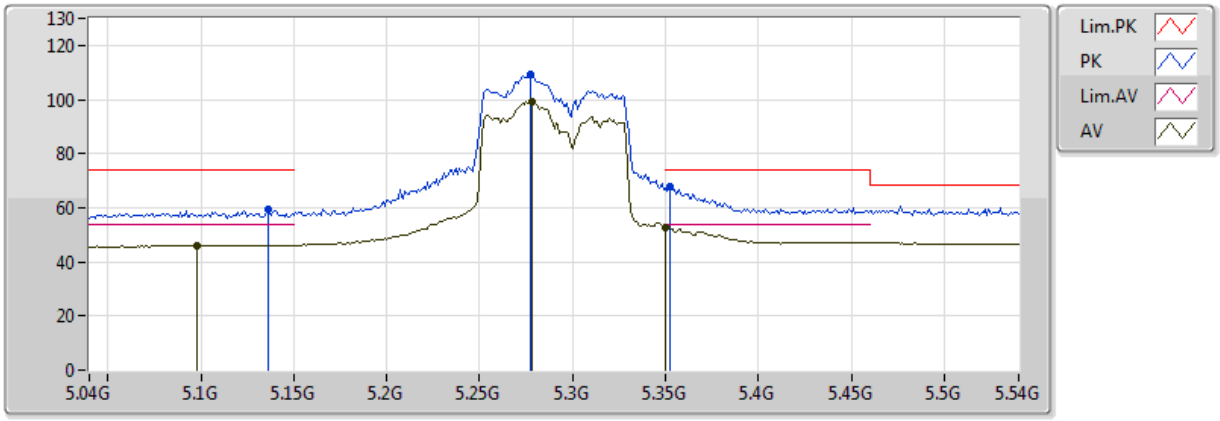


20171220
EUT Y_3TX
Setting 61
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149G	46.23	54.00	-7.77	7.70	3	Vertical	241	2.65
AV	5.285G	95.48	Inf	-Inf	8.05	3	Vertical	241	2.65
AV	5.352G	49.53	54.00	-4.47	8.15	3	Vertical	241	2.65
PK	5.132G	58.87	74.00	-15.13	7.63	3	Vertical	241	2.65
PK	5.282G	105.13	Inf	-Inf	8.04	3	Vertical	241	2.65
PK	5.351G	65.40	74.00	-8.60	8.15	3	Vertical	241	2.65

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5290MHz_TX

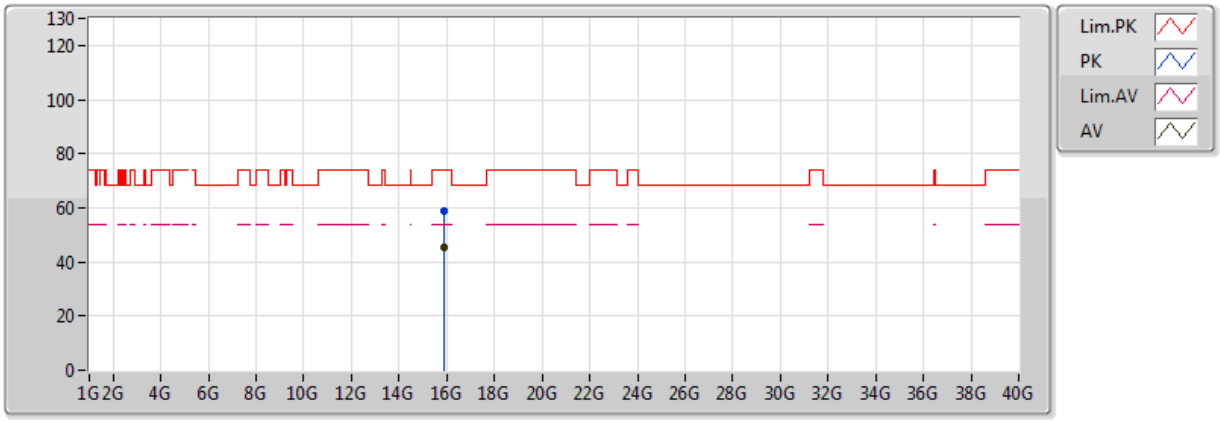


20171220
EUT Y_3TX
Setting 61
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.098G	46.17	54.00	-7.83	7.49	3	Horizontal	83	1.22
AV	5.278G	99.27	Inf	-Inf	8.04	3	Horizontal	83	1.22
AV	5.350005G	52.87	54.00	-1.13	8.15	3	Horizontal	83	1.22
PK	5.136G	59.12	74.00	-14.88	7.65	3	Horizontal	83	1.22
PK	5.277G	109.37	Inf	-Inf	8.03	3	Horizontal	83	1.22
PK	5.352G	68.08	74.00	-5.92	8.15	3	Horizontal	83	1.22

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5290MHz_TX

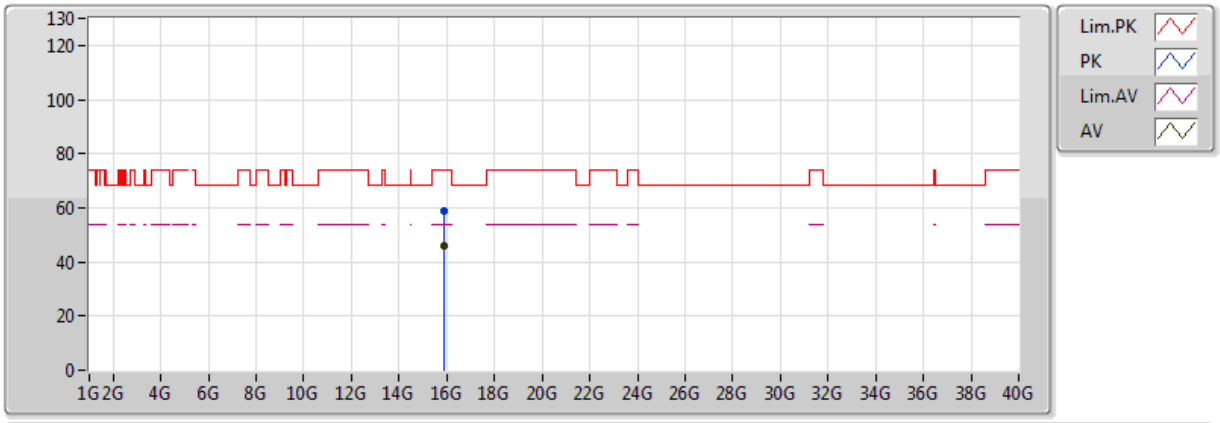


20171220
EUT Y_3TX
Setting 61
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.8758G	45.60	54.00	-8.40	15.14	3	Vertical	129	2.76
PK	15.889G	58.90	74.00	-15.10	15.10	3	Vertical	129	2.76

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5290MHz_TX

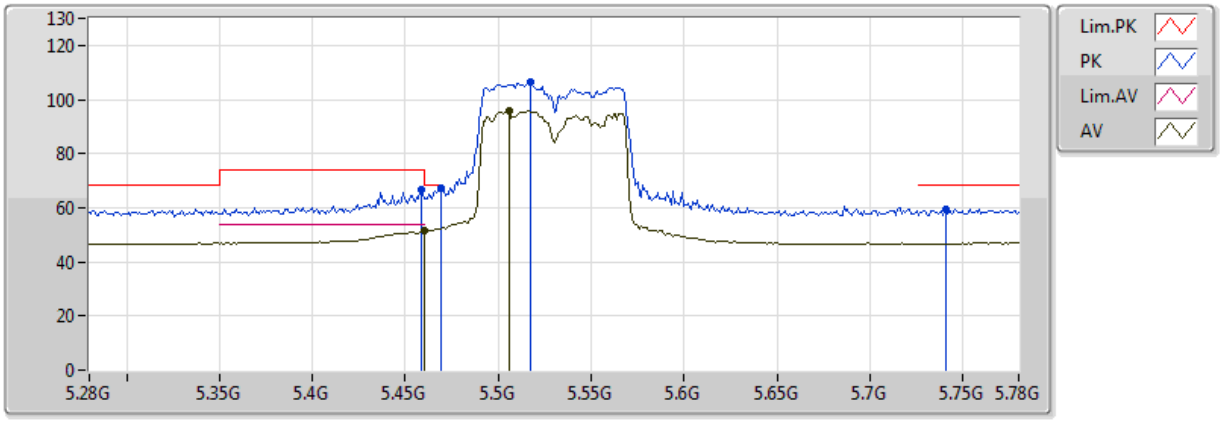


20171220
EUT Y_3TX
Setting 61
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	15.8783G	45.70	54.00	-8.30	15.13	3	Horizontal	265	1.50
PK	15.8875G	58.99	74.00	-15.01	15.11	3	Horizontal	265	1.50

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5530MHz_TX

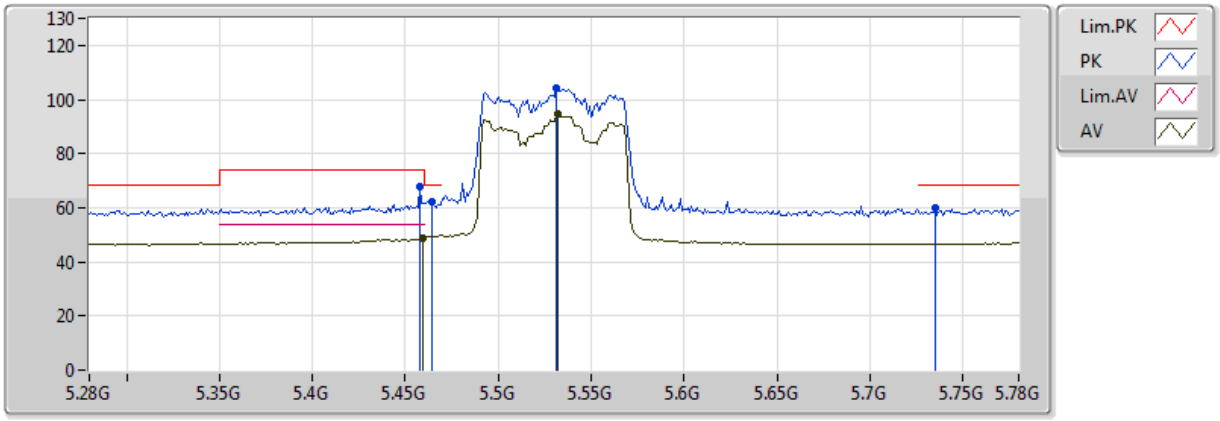


20171220
EUT Y_3TX
Setting 60
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	51.45	54.00	-2.55	8.30	3	Vertical	243	1.51
AV	5.506G	95.74	Inf	-Inf	8.35	3	Vertical	243	1.51
PK	5.459G	66.75	74.00	-7.25	8.30	3	Vertical	243	1.51
PK	5.469G	67.13	68.20	-1.07	8.31	3	Vertical	243	1.51
PK	5.517G	106.19	Inf	-Inf	8.35	3	Vertical	243	1.51
PK	5.741G	59.59	68.20	-8.61	8.67	3	Vertical	243	1.51

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5530MHz_TX

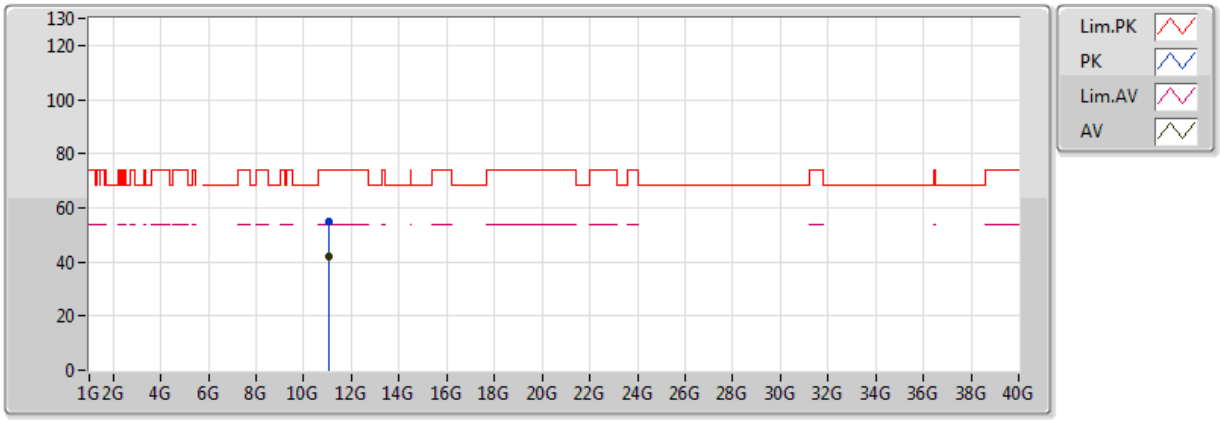


20171220
EUT Y_3TX
Setting 60
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.4598G	48.89	54.00	-5.11	8.30	3	Horizontal	71	1.88
AV	5.532G	94.67	Inf	-Inf	8.34	3	Horizontal	71	1.88
PK	5.458G	67.82	74.00	-6.18	8.30	3	Horizontal	71	1.88
PK	5.464G	62.18	68.20	-6.02	8.31	3	Horizontal	71	1.88
PK	5.531G	104.26	Inf	-Inf	8.34	3	Horizontal	71	1.88
PK	5.735G	59.83	68.20	-8.37	8.66	3	Horizontal	71	1.88

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5530MHz_TX

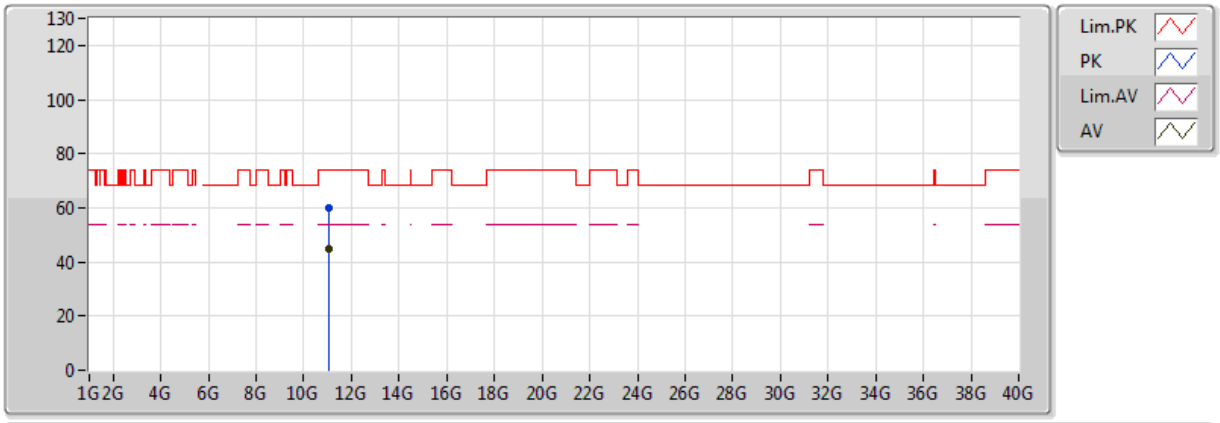


20171220
EUT Y_3TX
Setting 60
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0681G	41.78	54.00	-12.22	14.28	3	Vertical	36	1.50
PK	11.0794G	55.02	74.00	-18.98	14.29	3	Vertical	36	1.50

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5530MHz_TX

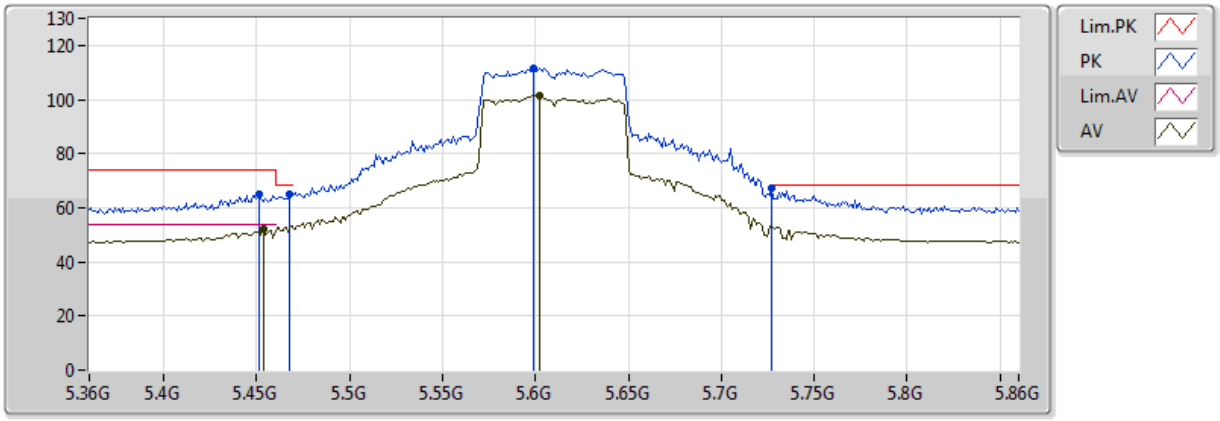


20171220
EUT Y_3TX
Setting 60
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.0414G	45.02	54.00	-8.98	14.25	3	Horizontal	282	2.11
PK	11.0432G	59.70	74.00	-14.30	14.26	3	Horizontal	282	2.11

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5610MHz_TX

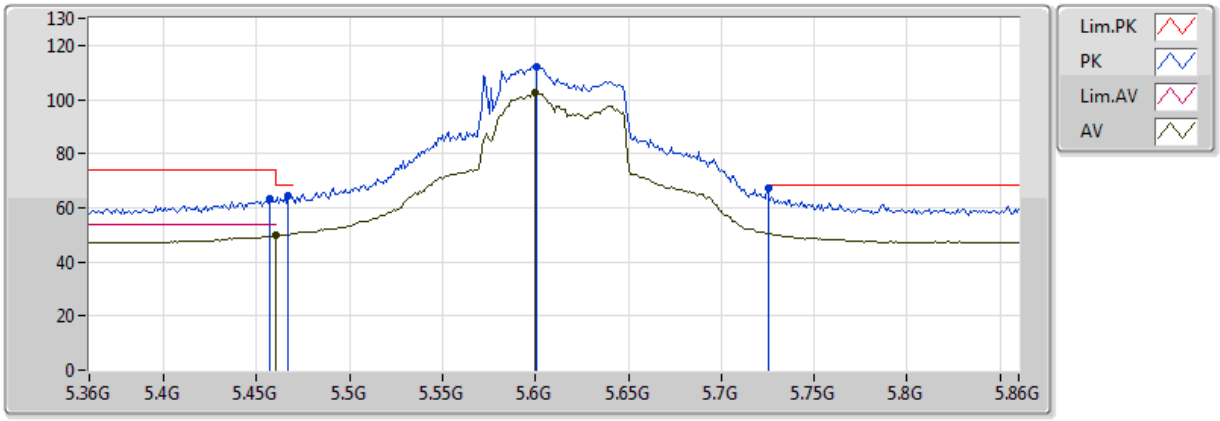


20171220
EUT Y_3TX
Setting 80
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.454G	52.07	54.00	-1.93	8.29	3	Vertical	246	1.79
AV	5.602G	101.49	Inf	-Inf	8.33	3	Vertical	246	1.79
PK	5.451G	64.78	74.00	-9.22	8.29	3	Vertical	246	1.79
PK	5.468G	65.02	68.20	-3.18	8.31	3	Vertical	246	1.79
PK	5.599G	111.47	Inf	-Inf	8.32	3	Vertical	246	1.79
PK	5.727G	67.17	68.20	-1.03	8.64	3	Vertical	246	1.79

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5610MHz_TX

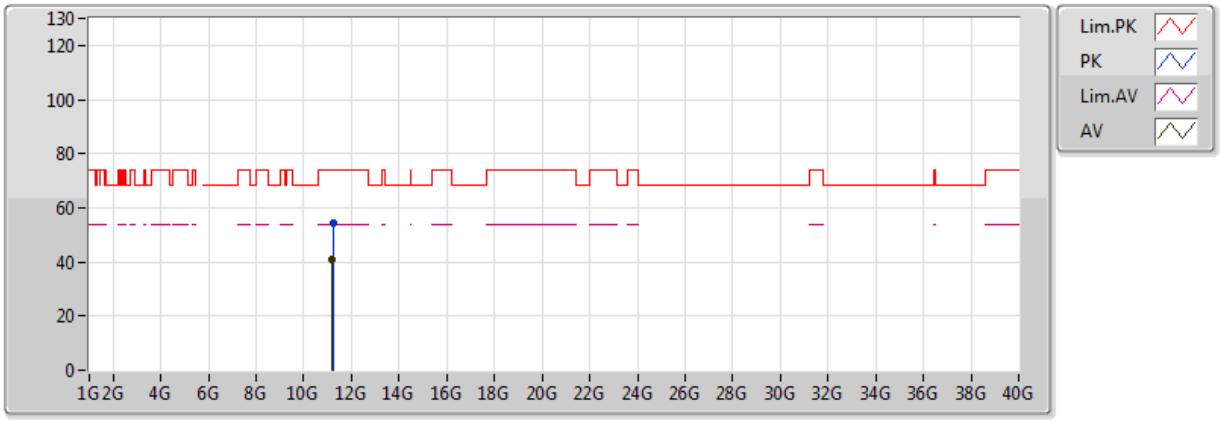


20171220
EUT Y_3TX
Setting 80
03-C-5-10
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.46G	49.62	54.00	-4.38	8.30	3	Horizontal	77	1.49
AV	5.6G	102.74	Inf	-Inf	8.32	3	Horizontal	77	1.49
PK	5.457G	63.56	74.00	-10.44	8.30	3	Horizontal	77	1.49
PK	5.467G	64.37	68.20	-3.83	8.31	3	Horizontal	77	1.49
PK	5.601G	112.23	Inf	-Inf	8.32	3	Horizontal	77	1.49
PK	5.72503G	67.15	68.20	-1.05	8.63	3	Horizontal	77	1.49

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5610MHz_TX

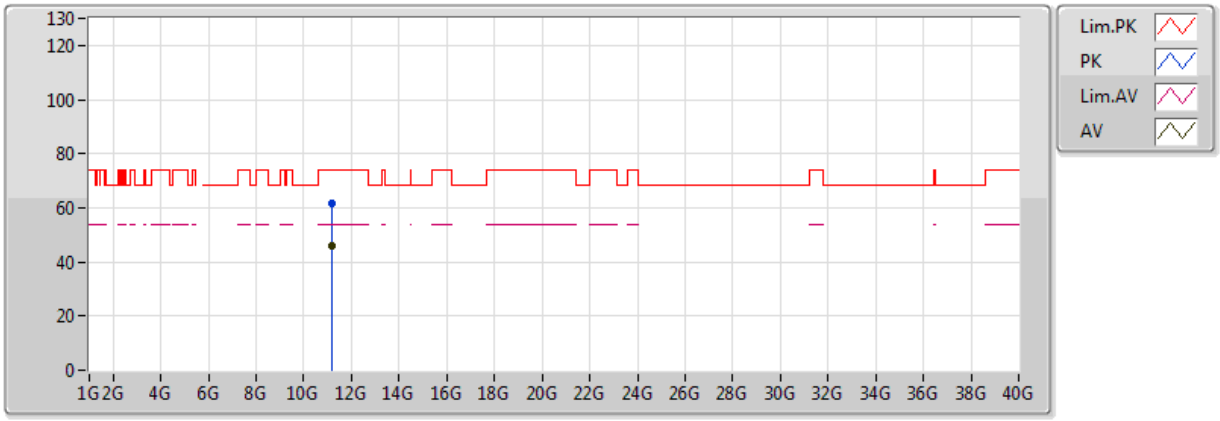


20171220
EUT Y_3TX
Setting 80
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.2097G	40.89	54.00	-13.11	14.41	3	Vertical	182	1.50
PK	11.2299G	54.27	74.00	-19.73	14.43	3	Vertical	182	1.50

802.11ac VHT80-BF_Nss1,(MCS0)_3TX

5610MHz_TX



20171220
EUT Y_3TX
Setting 80
03-C-5
FSP

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	11.2038G	45.90	54.00	-8.10	14.41	3	Horizontal	280	1.73
PK	11.1986G	61.57	74.00	-12.43	14.40	3	Horizontal	280	1.73

Mode: 20 MHz / Port 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5299.9968	5299.9958	5299.9948	5299.9941
110.00	5299.9965	5299.9956	5299.9946	5299.9936
93.50	5299.9962	5299.9952	5299.9951	5299.9945
Max. Deviation (MHz)	0.0038	0.0048	0.0054	0.0064
Max. Deviation (ppm)	0.72	0.91	1.02	1.21
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5299.9945	5299.9940	5299.9934	5299.9929
10	5299.9951	5299.9947	5299.9940	5299.9936
20	5299.9965	5299.9963	5299.9957	5299.9949
30	5299.9971	5299.9967	5299.9959	5299.9955
40	5299.9987	5299.9985	5299.9980	5299.9971
Max. Deviation (MHz)	0.0055	0.0060	0.0066	0.0071
Max. Deviation (ppm)	1.04	1.13	1.25	1.34
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5579.9975	5579.9972	5579.9971	5579.9966
110.00	5579.9965	5579.9955	5579.9950	5579.9948
93.50	5579.9957	5579.9954	5579.9952	5579.9951
Max. Deviation (MHz)	0.0043	0.0046	0.0050	0.0052
Max. Deviation (ppm)	0.77	0.82	0.90	0.93
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5579.9961	5579.9951	5579.9945	5579.9936
10	5579.9963	5579.9958	5579.9949	5579.9939
20	5579.9965	5579.9963	5579.9962	5579.9953
30	5579.9971	5579.9967	5579.9959	5579.9956
40	5579.9984	5579.9983	5579.9973	5579.9969
Max. Deviation (MHz)	0.0039	0.0049	0.0055	0.0064
Max. Deviation (ppm)	0.70	0.88	0.99	1.15
Result	Pass			

Mode: 40 MHz / Port 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5309.9970	5309.9961	5309.9954	5309.9950
110.00	5309.9965	5309.9961	5309.9957	5309.9948
93.50	5309.9959	5309.9950	5309.9944	5309.9938
Max. Deviation (MHz)	0.0041	0.0050	0.0056	0.0062
Max. Deviation (ppm)	0.77	0.94	1.05	1.17
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5309.9940	5309.9938	5309.9929	5309.9921
10	5309.9948	5309.9946	5309.9937	5309.9931
20	5309.9965	5309.9959	5309.9951	5309.9944
30	5309.9971	5309.9968	5309.9958	5309.9954
40	5309.9977	5309.9974	5309.9969	5309.9966
Max. Deviation (MHz)	0.0060	0.0062	0.0071	0.0079
Max. Deviation (ppm)	1.13	1.17	1.34	1.49
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5549.9974	5549.9967	5549.9965	5549.9959
110.00	5549.9965	5549.9956	5549.9953	5549.9952
93.50	5549.9961	5549.9953	5549.9948	5549.9945
Max. Deviation (MHz)	0.0039	0.0047	0.0052	0.0055
Max. Deviation (ppm)	0.70	0.85	0.94	0.99
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5549.9957	5549.9951	5549.9948	5549.9939
10	5549.9959	5549.9951	5549.9948	5549.9946
20	5549.9965	5549.9960	5549.9951	5549.9947
30	5549.9971	5549.9963	5549.9961	5549.9954
40	5549.9983	5549.9975	5549.9965	5549.9964
Max. Deviation (MHz)	0.0043	0.0049	0.0052	0.0061
Max. Deviation (ppm)	0.77	0.88	0.94	1.10
Result	Pass			

Mode: 80 MHz / Port 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5289.9971	5289.9962	5289.9958	5289.9952
110.00	5289.9965	5289.9961	5289.9953	5289.9948
93.50	5289.9964	5289.9954	5289.9947	5289.9942
Max. Deviation (MHz)	0.0036	0.0046	0.0053	0.0058
Max. Deviation (ppm)	0.68	0.87	1.00	1.10
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5289.9946	5289.9943	5289.9940	5289.9934
10	5289.9960	5289.9959	5289.9955	5289.9947
20	5289.9965	5289.9960	5289.9958	5289.9950
30	5289.9971	5289.9967	5289.9964	5289.9956
40	5289.9974	5289.9972	5289.9964	5289.9954
Max. Deviation (MHz)	0.0054	0.0057	0.0060	0.0066
Max. Deviation (ppm)	1.02	1.08	1.13	1.25
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5529.9972	5529.9964	5529.9954	5529.9946
110.00	5529.9965	5529.9955	5529.9948	5529.9944
93.50	5529.9961	5529.9954	5529.9950	5529.9941
Max. Deviation (MHz)	0.0039	0.0046	0.0052	0.0059
Max. Deviation (ppm)	0.71	0.83	0.94	1.07
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5529.9957	5529.9951	5529.9948	5529.9942
10	5529.9959	5529.9956	5529.9950	5529.9940
20	5529.9965	5529.9960	5529.9954	5529.9953
30	5529.9971	5529.9970	5529.9968	5529.9960
40	5529.9975	5529.9971	5529.9965	5529.9959
Max. Deviation (MHz)	0.0043	0.0049	0.0052	0.0060
Max. Deviation (ppm)	0.78	0.89	0.94	1.08
Result	Pass			